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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)

# SURVEY:

- CONTACT: 3002 SURVEYING, INC. 1330 NW 6TH STREET, SUITE C GAINESVILLE, FL 32601 PHONE: (352) 538-1320 SEE TOPOGRAPHIC SURVEY BY 3002 SURVEYING, INC. FOR BEARINGS NOTE: & DISTANCES, MONUMENTATION, SECTION DATA, DATUM, FENCES,
- NOTES, AND SURVEYOR'S CERTIFICATION. AGENCY PERMITS:
- ONGOING S.IRWMD

# GRU··· PROJECT

CITY OF GAINESVILLE

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.

· ONGOING

· ONGOING

# 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.

OF KIMLEY-HORN AND ASSOCIATES, INC.

# 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.

DATE:

# PROJECT OWNER AND CONSULTANTS

OWNER: CITY OF GAINESVILLE 306 NE 6TH AVENUE, BUILDING B

GAINESVILLE, FL 33601

(352) 334-5067

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

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

**GEOTECHNICAL:** GSE ENGINEERING AND CONSULTING, INC. 5590 SW 64TH STREET, SUITE B GAINESVILLE, FL 32608 (352) 377-3233



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

EMAIL: WAITEED@CITYOFGAINESVILLE.ORG

# TOM PETTY PARK PICKLEBALL IMPROVEMENTS

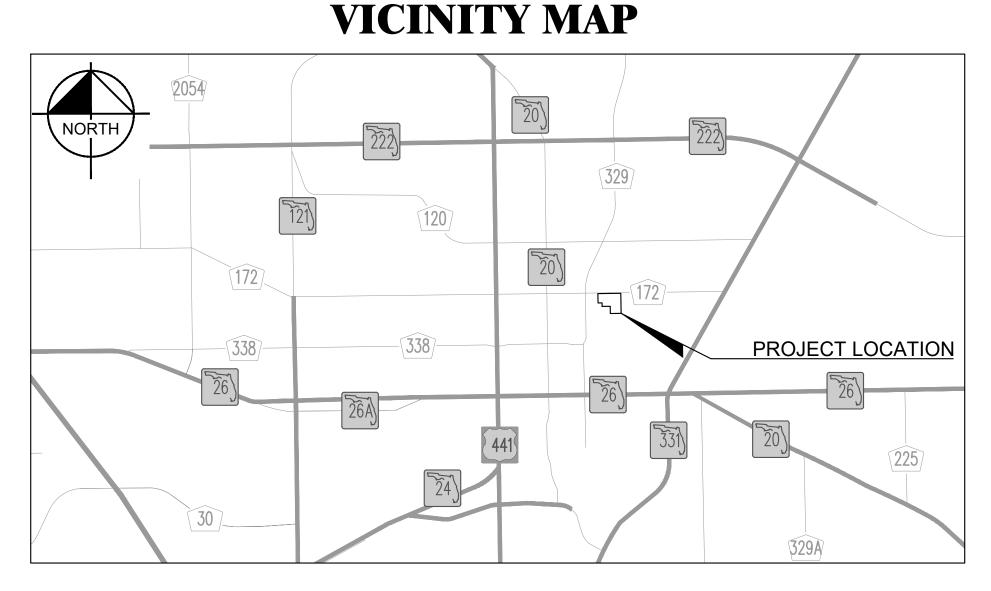
# SITE DEVELOPMENT PLANS

# FOR

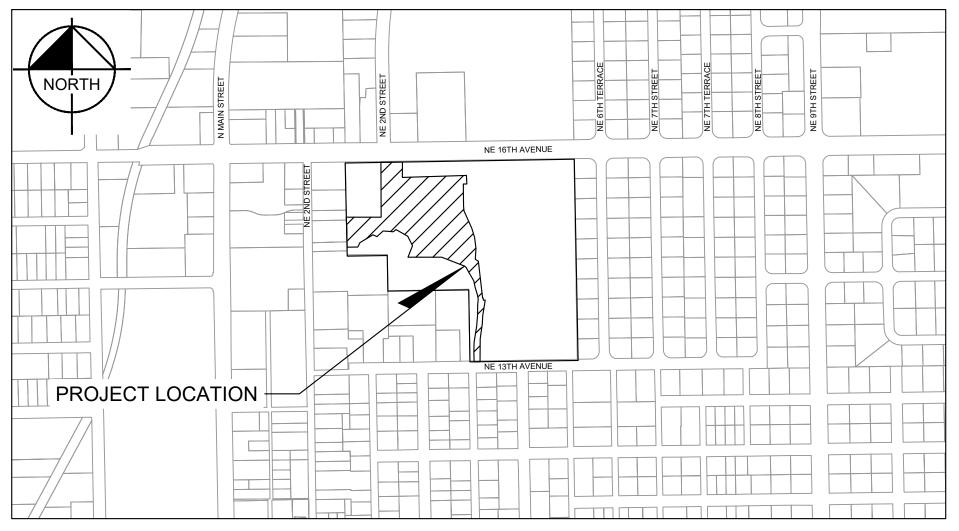
# CITY OF GAINESVILLE

SECTION 33, TOWNSHIP 09 SOUTH, RANGE 20 EAST

# JULY 2024



# **LOCATION MAP**



# STORMWATER

TOTAL ONSITE IMPERVIOUS AREA ···· TOTAL OFFSITE IMPERVIOUS AREA... TOTAL IMPERVIOUS AREA

BASIN ID DRA-1 (WET DETENTION)

FOR REVIEW ONLY GRU CERTIFICATION

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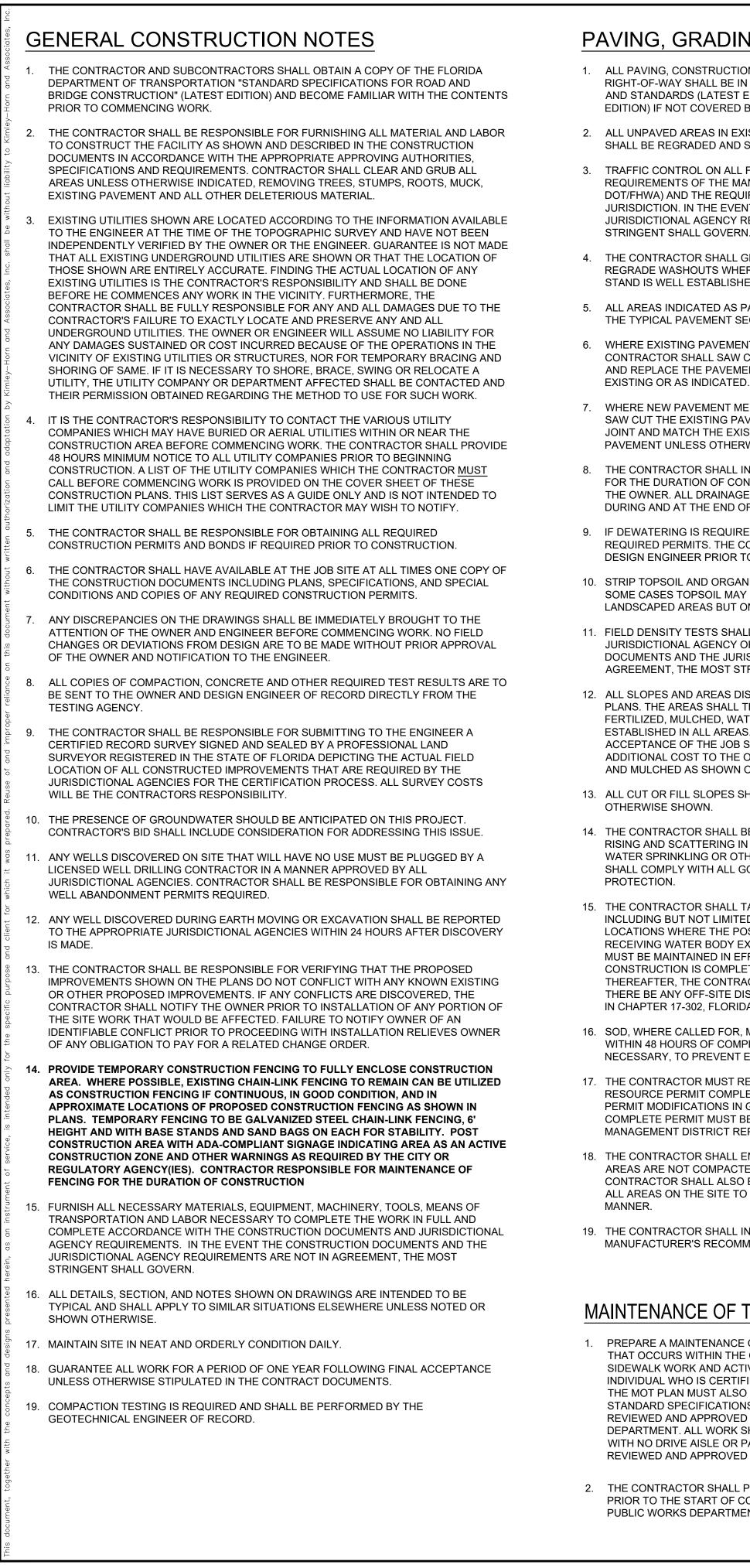
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		RGE EL. AREA AT CALL 2 BUSINES DAYS BEFORE YOU DIG IT'S THE LAW! DIAL 811	(AC) 0.1523 SS	TOM PETTY PARK TOM PETTY PARK PICKLEBALL IMPROVEMEI PREPARED FOR PREPARED FOR CITY OF GAINESVILLE WILD SPACES & PUBLIC PLA	

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

TO BE SHUT DOWN.

MADE, CONTRACTOR IS SUBJECT

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4. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.

5. ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.

6. WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.

7. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.

8. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.

10. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.

11. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FDOT STANDARDS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.

12. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE AREAS SHALL THEN BE SODDED OR SEEDED AS SPECIFIED IN THE PLANS, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ALL EARTHEN AREAS WILL BE SODDED OR SEEDED AND MULCHED AS SHOWN ON THE LANDSCAPING PLAN.

13. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) :1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

15. THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK, TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17-302, FLORIDA ADMINISTRATIVE CODE.

16. SOD, WHERE CALLED FOR, MUST BE INSTALLED AND MAINTAINED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.

17. THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE ENVIRONMENTAL RESOURCE PERMIT COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS, AND PERMIT MODIFICATIONS IN GOOD CONDITION AT THE CONSTRUCTION SITE. THE COMPLETE PERMIT MUST BE AVAILABLE FOR REVIEW UPON REQUEST BY WATER MANAGEMENT DISTRICT REPRESENTATIVES.

18. THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL

19. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER MANUFACTURER'S RECOMMENDATIONS.

# MAINTENANCE OF TRAFFIC (MOT) NOTES

- REVIEWED AND APPROVED BY FDOT.

# PAVING, GRADING AND DRAINAGE NOTES

1. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN THE RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.

2. ALL UNPAVED AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SODDED.

3. TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHWA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST

9. IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE DESIGN ENGINEER PRIOR TO ANY EXCAVATION.

1. PREPARE A MAINTENANCE OF TRAFFIC (MOT) PLAN FOR CONSTRUCTION ACTIVITY THAT OCCURS WITHIN THE CITY RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO SIDEWALK WORK AND ACTIVITIES. THE MOT PLAN MUST BE CREATED BY AN INDIVIDUAL WHO IS CERTIFIED TO DO SO BY THE FDOT MOT CERTIFICATION TRAINING. THE MOT PLAN MUST ALSO BE IN ACCORDANCE WITH FDOT DESIGN STANDARDS, FDOT STANDARD SPECIFICATIONS, AND CITY PUBLIC WORKS REQUIREMENTS AND MUST BE REVIEWED AND APPROVED BY THE CITY OF GAINESVILLE PUBLIC WORKS DEPARTMENT. ALL WORK SHALL BE PERFORMED OUTSIDE OF THE RIGHT-OF-WAY WITH NO DRIVE AISLE OR PARKING CLOSURES. THE MOT PLAN MUST ALSO BE

2. THE CONTRACTOR SHALL PROVIDE A DETAILED MAINTENANCE OF TRAFFIC PLAN PRIOR TO THE START OF CONSTRUCTION FOR APPROVAL BY CITY OF GAINESVILLE PUBLIC WORKS DEPARTMENT PRIOR TO CONSTRUCTION.

# WATER AND SEWER UTILITY NOTES

- 1. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLES, GRAVITY SEWER LINES AND DOMESTIC WATER AND FIRE PROTECTION SYSTEM AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- 2. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.
- 3. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SECURELY CLOSE ALL OPEN ENDS OF PIPE AND FITTINGS WITH A WATERTIGHT PLUG WHEN WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE CLEAN AND JOINT SURFACES WIPED CLEAN AND DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH. VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE PLANS.
- 4. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER. ALL PIPE AND FITTINGS SHALL BE CAREFULLY STORED FOLLOWING MANUFACTURER'S RECOMMENDATIONS. CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE COATING OR LINING IN ANY D.I. PIPE FITTINGS. ANY PIPE OR FITTING WHICH IS DAMAGED OR WHICH HAS FLAWS OR IMPERFECTIONS WHICH, IN THE OPINION OF THE ENGINEER OR OWNER, RENDERS IT UNFIT FOR USE, SHALL NOT BE USED. ANY PIPE NOT SATISFACTORY FOR USE SHALL BE CLEARLY MARKED AND IMMEDIATELY REMOVED FROM THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- 5. WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.
- 6. ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEIVE PAVING SHALL BE COMPLETELY BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SPECIFICATIONS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- 7. UNDERGROUND LINES SHALL BE SURVEYED BY A PROFESSIONAL LAND SURVEYOR BEFORE BACK FILLING.
- 8. CONTRACTOR SHALL PERFORM, AT HIS OWN EXPENSE, ANY AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY AGENCY HAVING JURISDICTION. THESE TESTS MAY INCLUDE, BUT MAY NOT BE LIMITED TO, INFILTRATION AND EXFILTRATION, TELEVISION INSPECTION AND A MANDREL TEST ON GRAVITY SEWER. A COPY OF THE TEST RESULTS SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED.

# **EROSION CONTROL NOTES**

- 1. THE STORM WATER POLLUTION PREVENTION PLAN ("SWPPP") IS COMPRISED OF THE EROSION CONTROL PLAN, THE STANDARD DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN SPECIFICATIONS OF THE SWPPP, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
- ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- 3. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- 4. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER
- 5. EROSION CONTROL PLAN MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
- 6. THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- 7. CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
- 8. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- 9. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- 10. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- 11. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THE PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
- 12. STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.
- 13. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- 14. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.
- 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- 16. ON-SITE & OFF SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW SHALL BE PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.

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# **EROSION CONTROL NOTES (CONT.)**

- 17. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- 18. DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION.
- 19. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACK FILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

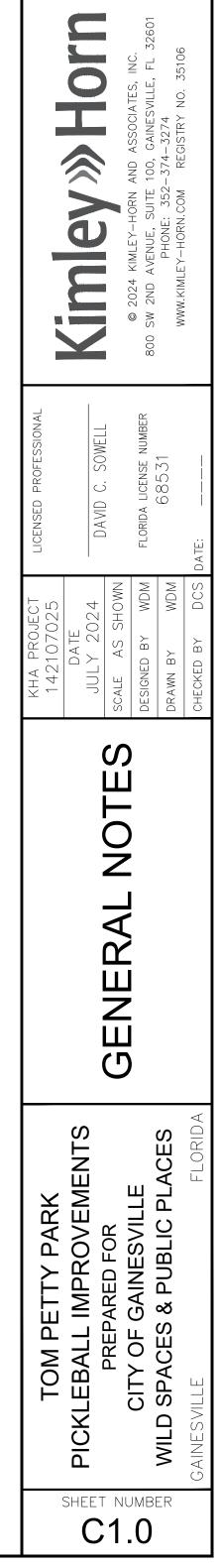
# MAINTENANCE

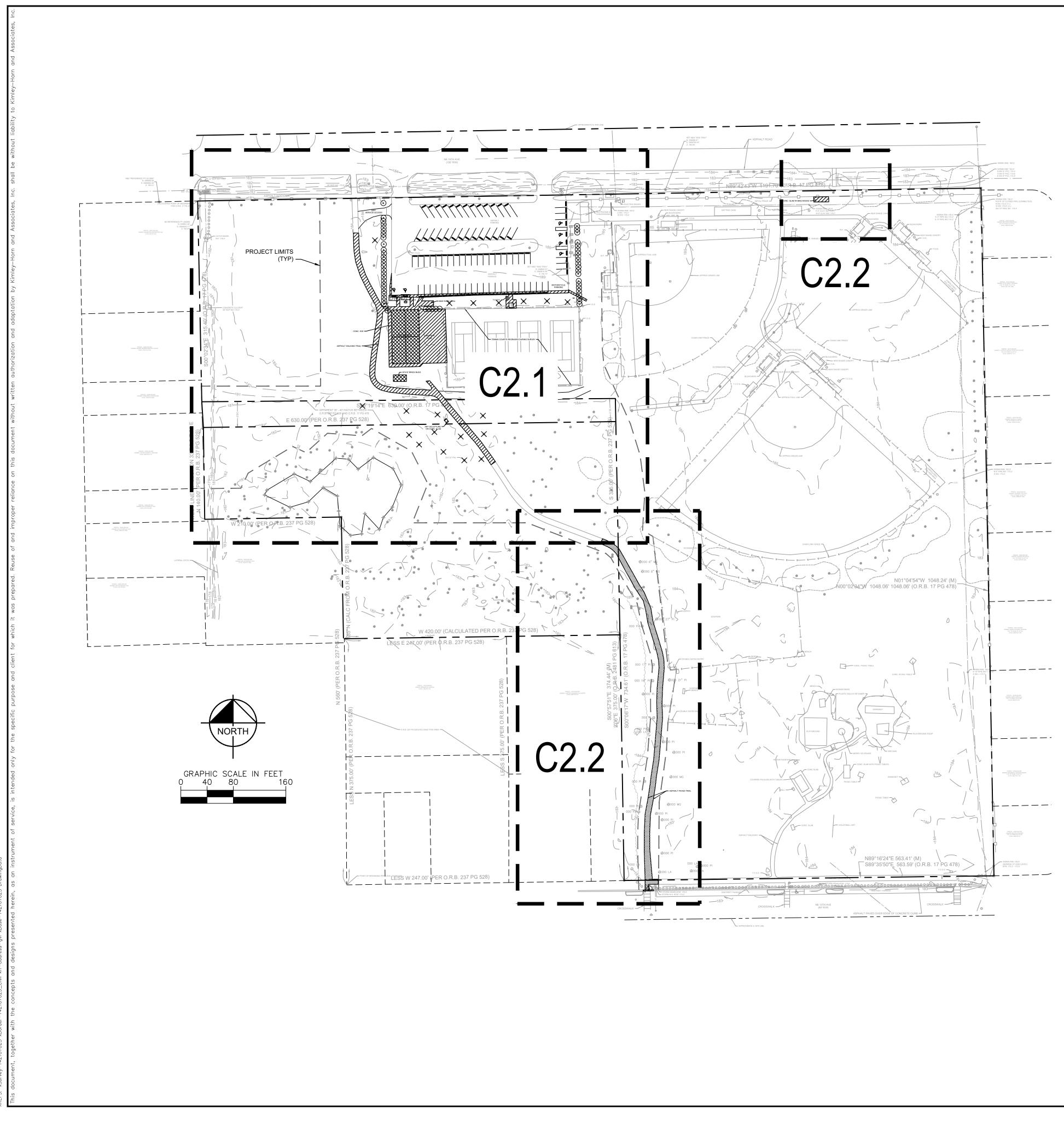
ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

- 1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
- 2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEEDED AS NEEDED. FOR MAINTENANCE REQUIREMENTS REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
- 4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
- 5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
- 6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 55 CUBIC YARDS / ACRE
- 7. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAR DAYS FOLLOWING THE INSPECTION.

# **AS-BUILT NOTES**

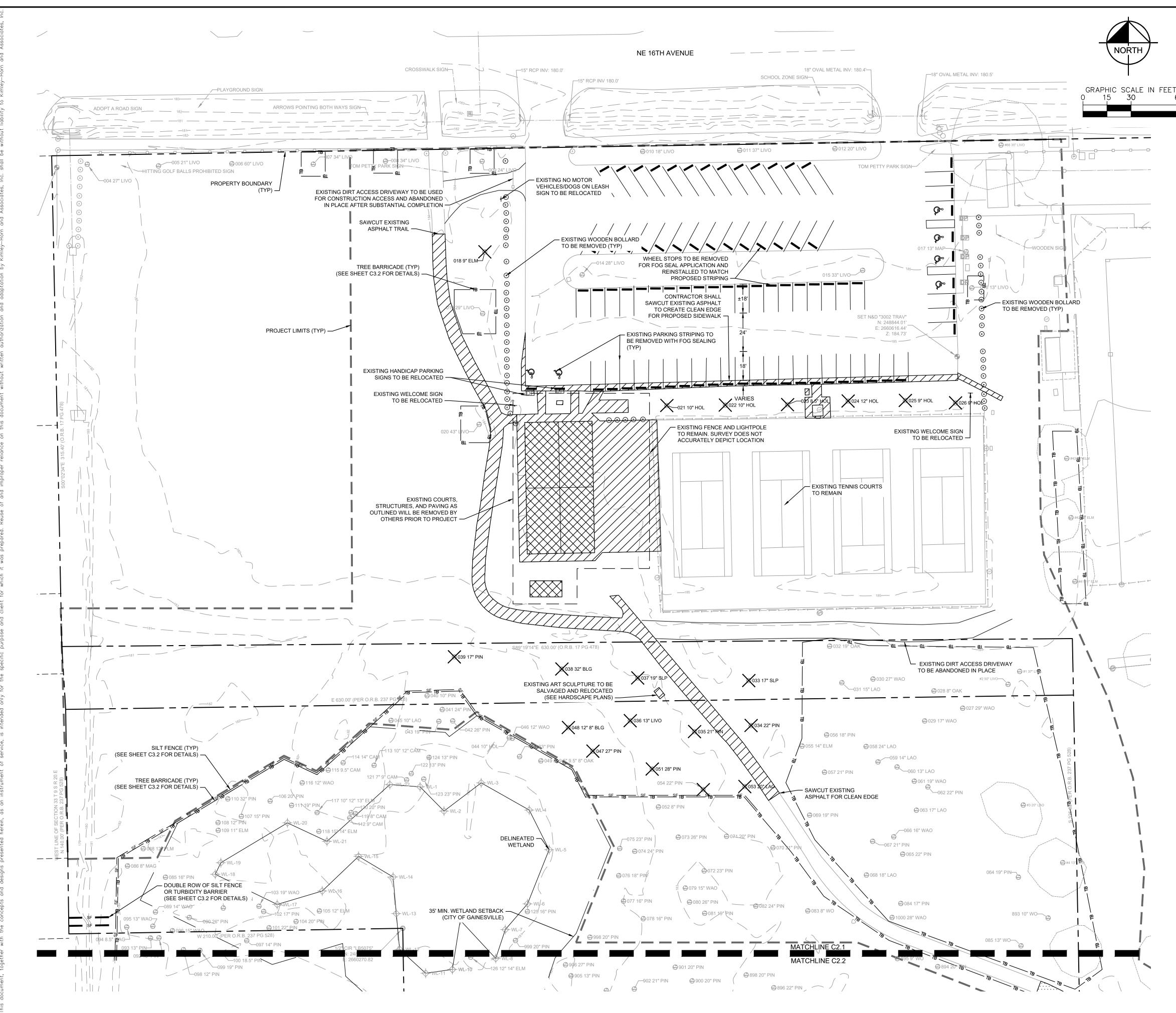
- 1. SUBMITTAL OF AS-BUILT SITE SURVEY, INCLUDING BENCHMARKS, IS REQUIRED PRIOR TO SCHEDULING A FINAL INSPECTION FOR THE CITY, GRU, AND THE WATER MANAGEMENT DISTRICT.
- 2. AS-BUILT DRAWINGS SHALL BE PREPARED IN AUTOCAD FORMAT BY A FLORIDA REGISTERED LAND SURVEYOR. AN ELECTRONIC FILE OF THE PROJECT SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. SIGNED AND SEALED PRINTS SHALL BE PROVIDED TO THE ENGINEER AS REQUESTED. PROVIDE LOCATION, ELEVATION AND DESCRIPTION OF BENCHMARK(S).
- PROVIDE BUILDING LOCATIONS, FINISH FLOOR ELEVATIONS, PAVEMENT GRADES AND ALL UNDERGROUND FACILITIES INCLUDED AS PART OF THE CONSTRUCTION DOCUMENTS. 4. PROVIDE PERIMETER DIMENSIONS.
- 5. PROVIDE SPECIAL DETAIL DRAWINGS WHERE INSTALLATIONS WERE NOT AS SHOWN ON
- CONSTRUCTION DRAWINGS DUE TO FIELD CONDITIONS OR WHERE REQUIRED FOR CLARITY. 6. LOCATE ALL PIPES AND PROVIDE SIZE, ELEVATION, INVERT ELEVATIONS, LENGTH AND TYPE.
- 7. AN AS-BUILT IRRIGATION PLAN IS ALSO REQUIRED SEE IRRIGATION PLANS FOR FURTHER REQUIREMENTS.





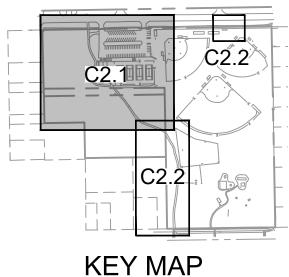
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90% CONSTRUCTION DOCUMENTS 07-02-24 - NOT FOR CONSTRUCTION	
	Simpley       Horn         © 2024 KIMLEY-HORN AND ASSOCIATES, INC.         800 SW ZND AVENUE, SUITE 100, GAINESVILLE, FL 32601         PHONE: 352-374-3274         WWW.KIMLEY-HORN.COM
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	OVERALL EXISTING CONDITIONS AND DEMOLITION PLAN
	TOM PETTY PARK PICKLEBALL IMPROVEMENTS PREPARED FOR CITY OF GAINESVILLE WILD SPACES & PUBLIC PLACES GAINESVILLE



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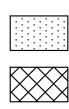
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SCALE: 1" = 500'

# DEMOLITION LEGEND

ASPHALT/CONCRETE TO BE REMOVED



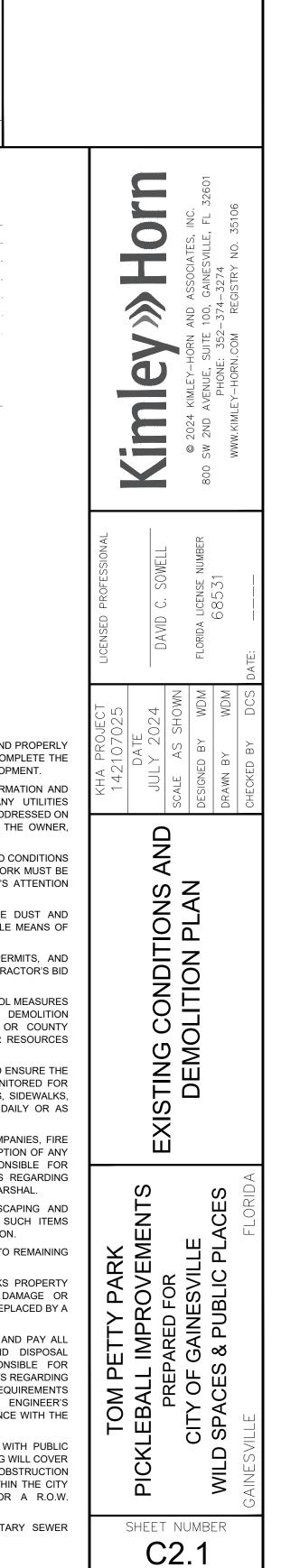
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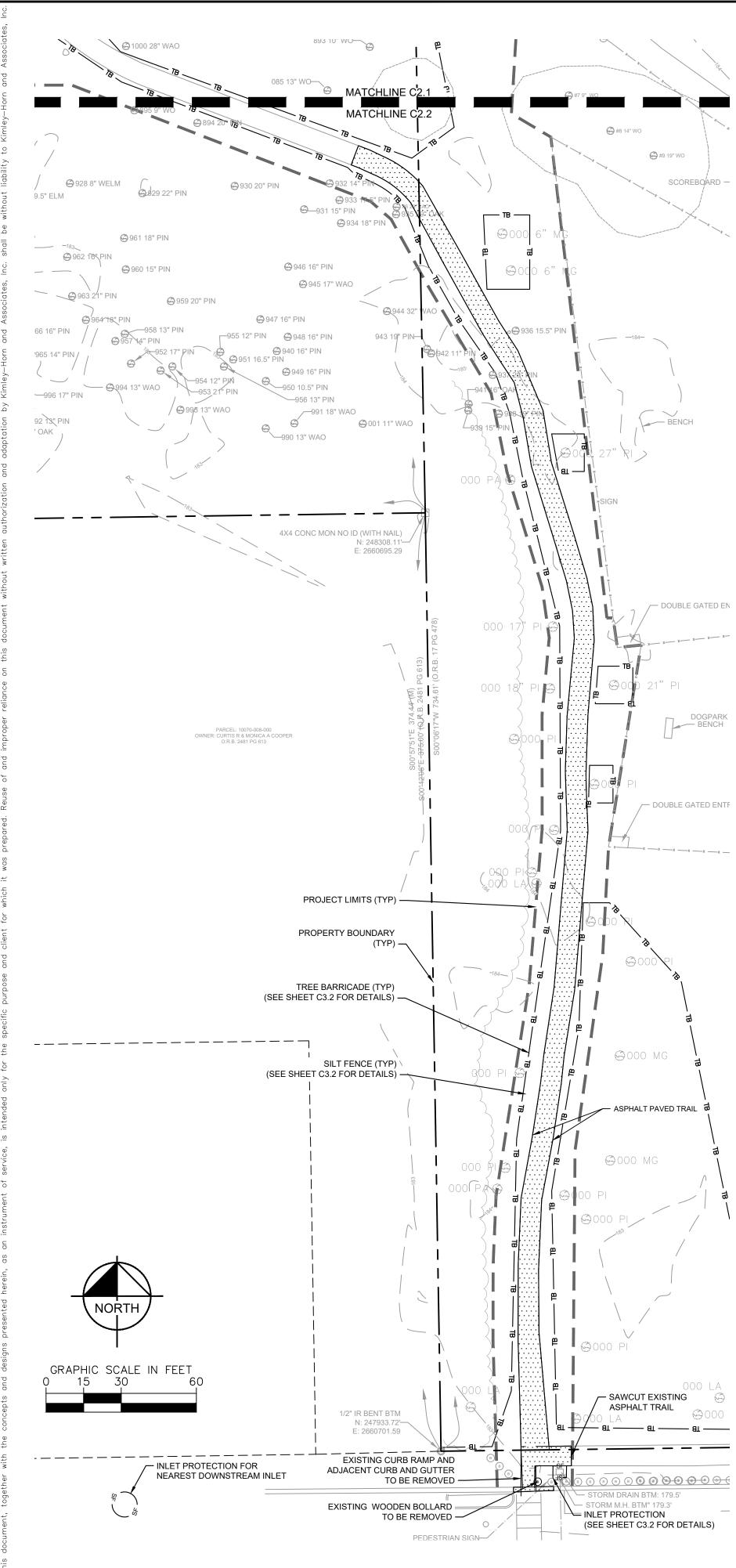
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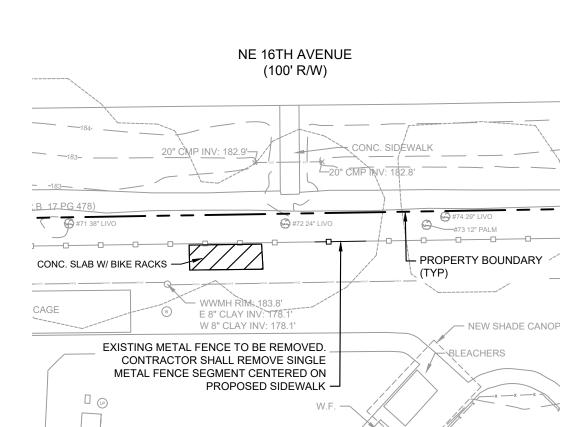
TREE TO BE REMOVED

## DEMOLITION NOTES

- 1. ALL DEMOLITION MATERIALS ARE TO BE REMOVED FROM SITE AND PROPERLY DISPOSED OF AN IN A LEGAL MANNER. AFTER DEMOLITION IS COMPLETE THE SITE SHALL BE DELIVERED IN A CONDITION SUITABLE FOR DEVELOPMENT.
- 2. 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.
- 3. 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.
- 5. DEWATERING SHOULD BE ANTICIPATED AND ALL COSTS, PERMITS, AND EQUIPMENT FOR DEWATERING SHALL BE INCLUDED IN THE CONTRACTOR'S BID PRICE.
- 6. 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.
- 7. 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.
- 8. 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.
- 9. THE DEMOLITION CONTRACTOR MUST PROTECT ALL LANDSCAPING AND OTHER FEATURES DESIGNATED TO REMAIN, AND REPLACE SUCH ITEMS WITHOUT ADDITIONAL PAYMENT IF DISTURBED DURING DEMOLITION.
- 10. ALL ASPHALT TO BE REMOVED SHALL BE SAW CUT ADJACENT TO REMAINING IMPROVEMENTS.
- 11. 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.
- 12. 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.
- 13. 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 DG\_PW\_PERMITS@CITYOFGAINESVILLE.COM FOR A R.O.W. OBSTRUCTION PERMIT APPLICATION.
- 14. CONTRACTOR SHALL CONTACT GRU TO INSPECT THE SANITARY SEWER LATERAL ONCE CUT AND CAPPED.



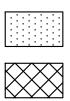




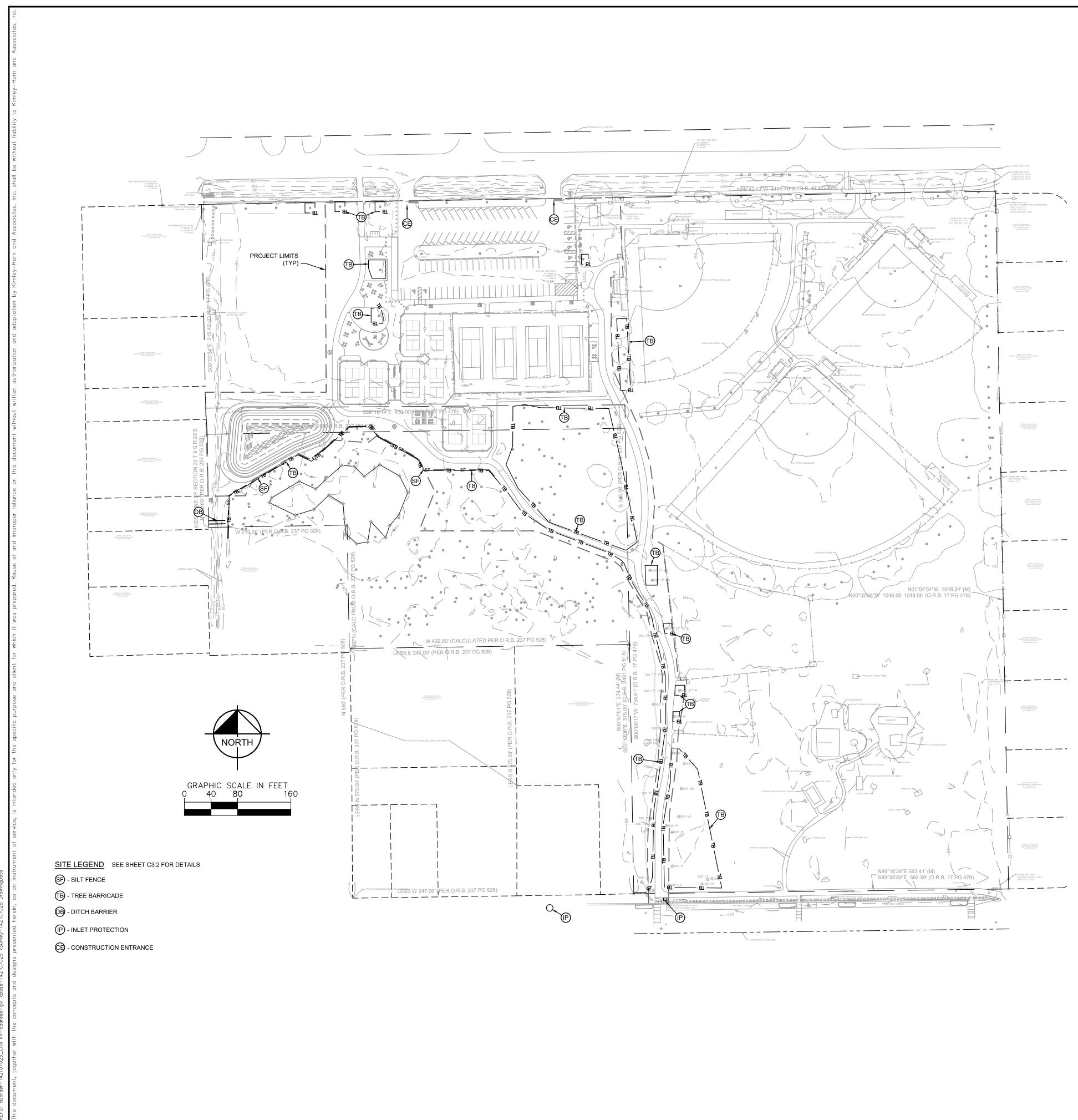
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# TIMING OF SEDIMENT - CONTROL PRACTICES:

SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL THROUGHOUT EARTH- DISTURBING ACTIVITY.

SETTLING FACILITIES, PERIMETER CONTROLS, AND OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING AND WITHIN SEVEN DAYS FROM THE START OF GRUBBING. THEY SHALL CONTINUE TO FUNCTION UNTIL THE UPSLOPE DEVELOPMENT AREA IS RE-STABILIZED.

# STABILIZATION OF NON STRUCTURAL PRACTICES

CONTROL PRACTICES SHALL PRESERVE EXISTING VEGETATION WHERE ATTAINABLE AND DISTURBED AREAS SHALL BE RE-VEGETATED AS SOON AS PRACTICAL AFTER GRADING OR CONSTRUCTION.

DENUDED AREAS SHALL HAVE SOIL STABILIZATION APPLIED WITHIN FOURTEEN DAYS IF THEY ARE TO REMAIN DORMANT FOR MORE THAN FORTY-FIVE DAYS. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN FOURTEEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE, AND SHALL ALSO BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS WHICH MAY NOT BE AT FINAL GRADE, BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN FORTY-FIVE DAYS.

# SEDIMENT BARRIERS:

SHEET FLOW RUNOFF FROM DENUDED AREAS SHALL BE INTERCEPTED BY SEDIMENT BARRIERS.

SEDIMENT BARRIERS SUCH AS SEDIMENT FENCE OR DIVERSIONS TO SETTLING FACILITIES SHALL PROTECT ADJACENT PROPERTIES AND WATER RESOURCES FROM SEDIMENT TRANSPORTED BY SHEET FLOW.

# **INLET PROTECTION:**

ALL STORM SEWER INLETS WHICH ACCEPT WATER RUNOFF FROM THE DEVELOPMENT AREA SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER WILL NOT ENTER THE STORM SYSTEM WITHOUT FIRST BEING PONDED AND FILTERED.

# MAINTENANCE:

TEMPORARY EROSION CONTROL FEATURES SHALL BE ACCEPTABLY MAINTAINED AND SHALL BE REMOVED OR REPLACED WHEN DIRECTED BY THE ENGINEER AT NO COST TO THE OWNER. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS.

# STOCKPILES:

ALL SOIL STOCKPILES SHALL BE PROTECTED FROM EROSION BY PERIMETER CONTROL DEVICES SUCH AS STRAW BALE DIKES OR FILTER FABRIC FENCES. AND THESE PERIMETER CONTROL DEVICES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

# PERMANENT VEGETATION:

PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL GROUND COVER IS ACHIEVED WHICH. IN THE OPINION OF THE ENGINEER. PROVIDES ADEQUATE COVER AND IS MATURE ENOUGH TO CONTROL SOIL EROSION SATISFACTORILY AND TO SURVIVE ADVERSE WEATHER CONDITIONS.

# CONSTRUCTION ACCESS ROUTES:

MEASURES SHALL BE TAKEN TO PREVENT SOIL TRANSPORT ONTO SURFACES OR PUBLIC ROADS WHERE RUNOFF IS NOT CHECKED.

# INSPECTION SCHEDULE:

- 1. DIVERSION SWALE AND STRUCTURAL PROTECTION INSPECT EVERY 7 DAYS OR AFTER EACH RAINSTORM PRODUCING RUNOFF. REPAIR AS REQUIRED.
- 2. INLET PROTECTION INSPECT FOR SEDIMENT ACCUMULATION AFTER EACH RAINFALL AND DAILY DURING CONTINUED RAINFALL. REPAIR OR REPLACE WHEN WATER FLOW IS **RESTRICTED BY SEDIMENT.**
- VEGETATIVE PLANTING INSPECT AFTER SPROUTING OCCURS AND REPLANT BARE AREAS. INSPECT ESTABLISHED COVER EVERY 15 DAYS FOR DAMAGE; REPLANT AS REQUIRED. MAINTAIN ESTABLISHED COVER AT MAXIMUM 6" HEIGHT. IRRIGATE AS REQUIRED DURING DRY PERIODS TO MAINTAIN LIVE VEGETATION.

# CONSTRUCTION SEQUENCE:

- 1. INSTALL SEDIMENT CONTROL MEASURES
- 2. PERFORM DEMOLITION ACTIVITIES.
- 3. STABILIZE SITE WITH TEMPORARY VEGETATION AS NEEDED.
- 4. PERFORM IRRIGATION AND UNDERGROUND UTILITY CONSTRUCTION ACTIVITIES.
- 5. CONSTRUCT NEW TRAILS AND INSTALL LANDSCAPING.
- 6. PERFORM FINAL GRADING.
- 7. INSTALL PERMANENT VEGETATION.
- 8. PERFORM CONTINUING MAINTENANCE THROUGHOUT ALL CONSTRUCTION OPERATIONS.

NOTE: THE SEQUENCE OF CONSTRUCTION SHOWN ABOVE IS A GENERAL OVERVIEW AND IS INTENDED TO CONVEY THE GENERAL CONCEPTS OF THE EROSION CONTROL DESIGN AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PHASING AND CONSTRUCTION SEQUENCING NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS INCLUDED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IMMEDIATELY, PRIOR TO AND/OR DURING CONSTRUCTION IF ANY ADDITIONAL INFORMATION ON THE CONSTRUCTION SEQUENCE IS NECESSARY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS.

# **DITCH BARRIERS:**

BALES SHALL BE PLACED IN A SINGLE ROW, LENGTHWISE, ORIENTED PERPENDICULAR TO THE CONTOUR, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER.

THE REMAINING STEPS FOR INSTALLING A STRAW BALE BARRIER FOR SHEET FLOW APPLICATIONS APPLY HERE, WITH THE FOLLOWING ADDITION. THE STRAW BALES SHALL BE INSTALLED SUCH THAT UNDERCUTTING BENEATH THE BALES IS MINIMIZED BY THE USE OF ROCK CHECK DAMS PLACED ADJACENT TO THE STRAW BALES.

THE BARRIER SHALL BE EXTENDED TO SUCH A LENGTH THAT THE BOTTOMS OF THE END BALES ARE HIGHER IN ELEVATION THAN THE TOP OF THE LOWEST MIDDLE BALE TO ASSURE THAT SEDIMENT-LADEN RUNOFF WILL FLOW EITHER THROUGH OR OVER THE BARRIER BUT NOT AROUND IT.

# MAINTENANCE:

STRAW BALES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.

CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.

NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.

ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

# SEDIMENT FENCE:

THIS SEDIMENT BARRIER UTILIZES STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRICS. IT IS DESIGNED FOR SITUATIONS IN WHICH ONLY SHEET OR OVERLAND FLOWS ARE EXPECTED.

- 1. THE HEIGHT OF A SEDIMENT FENCE SHALL NOT EXCEED 36-INCHES (HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE).
- 2. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY SEALED.
- POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND 3. DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET.
- 4. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
- 5. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1-INCH LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES AND SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
- THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, 6 AND 8-INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
- WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSURE POST SPACING ARE USED, THE 7 WIRE MESH SUPPORT FENCE MAY BE ELIMINATED IN SUCH A CASE. THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ITEM NO. 6 APPLYING.
- 8. THE TRENCH SHALL BE BACKFILLED AND SOIL COMPACTED OVER THE FILTER FABRIC.
- 9. SEDIMENT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

# MAINTENANCE

SEDIMENT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

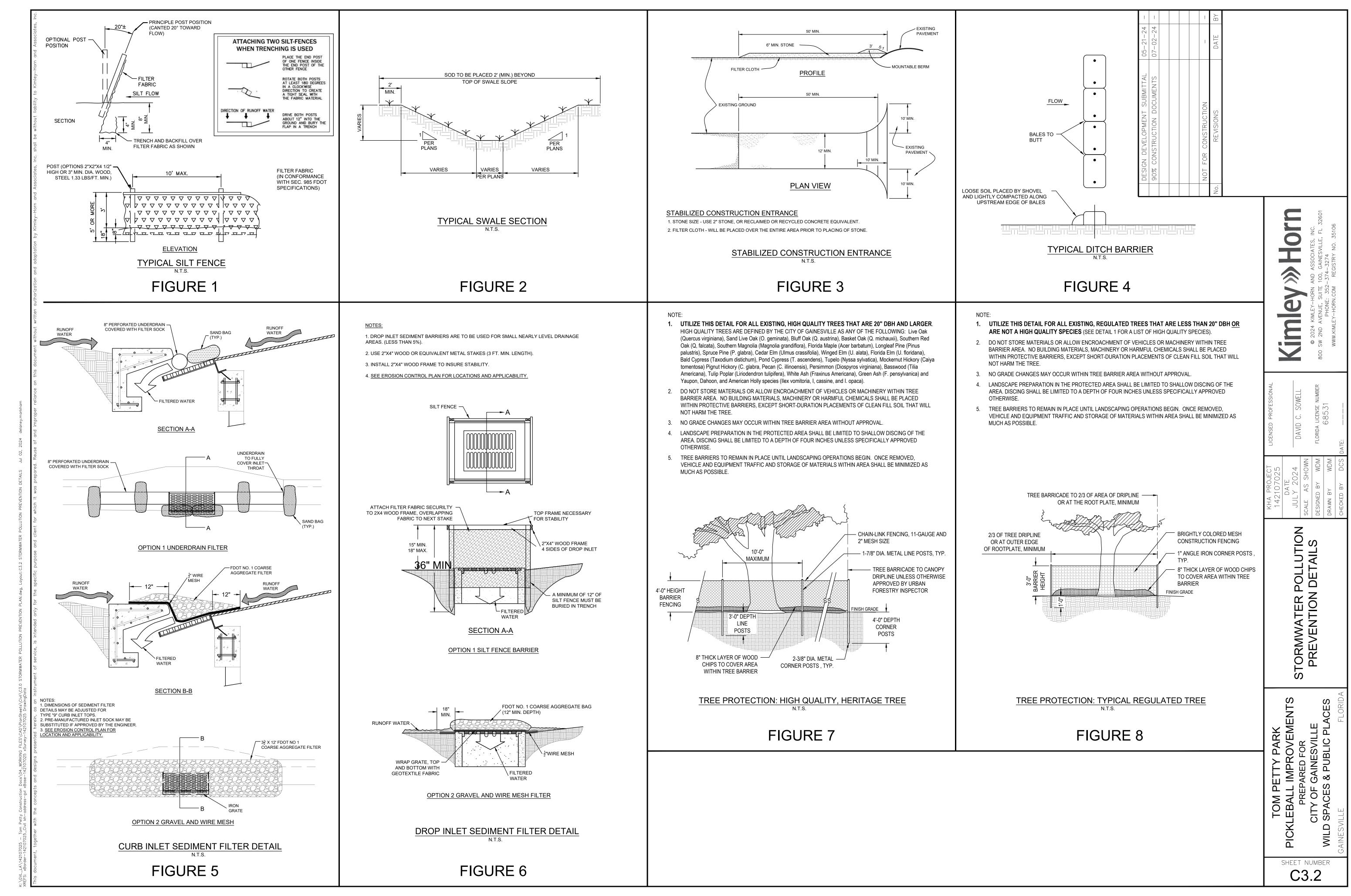
SHOULD THE FABRIC ON A SEDIMENT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.

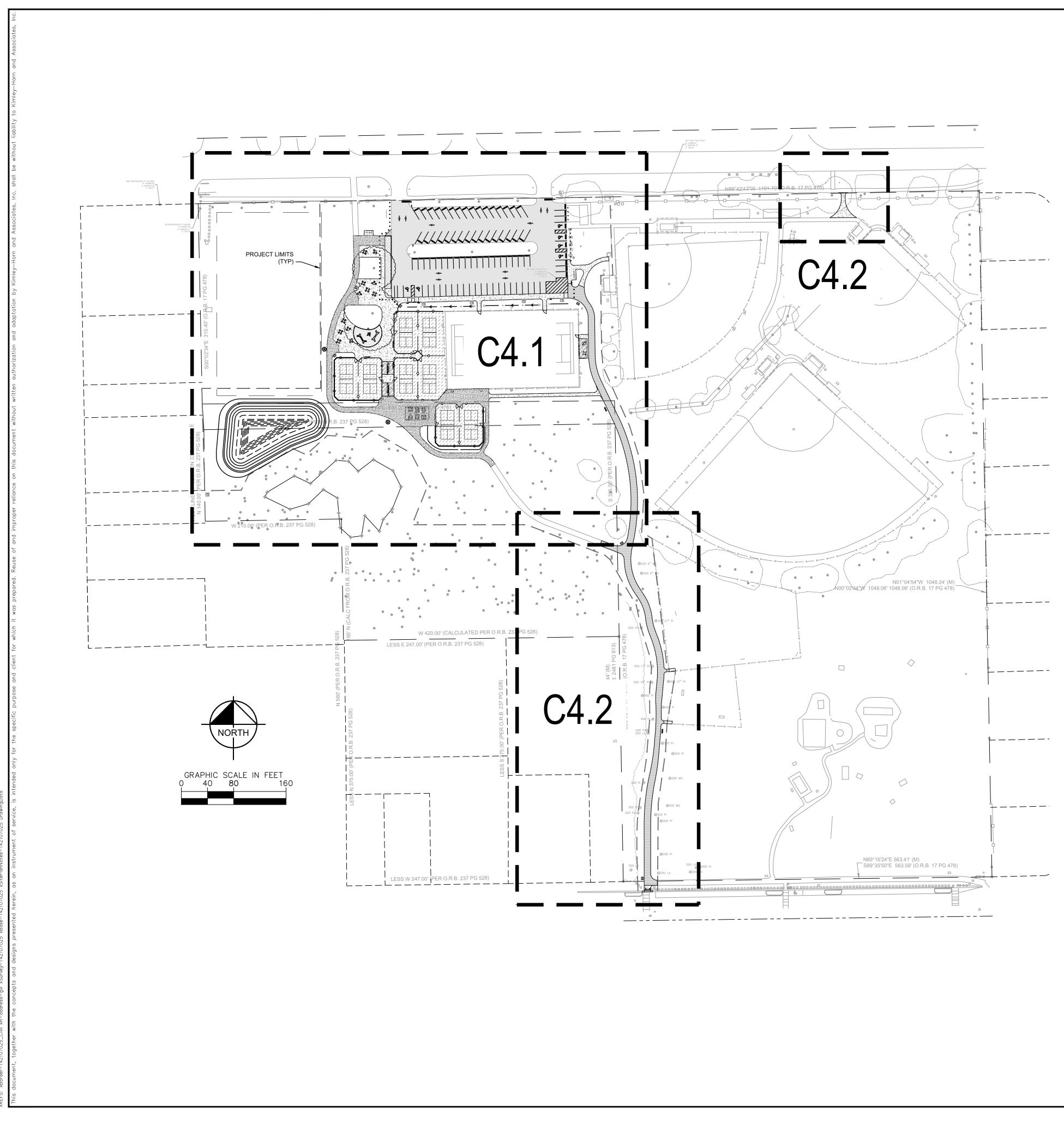
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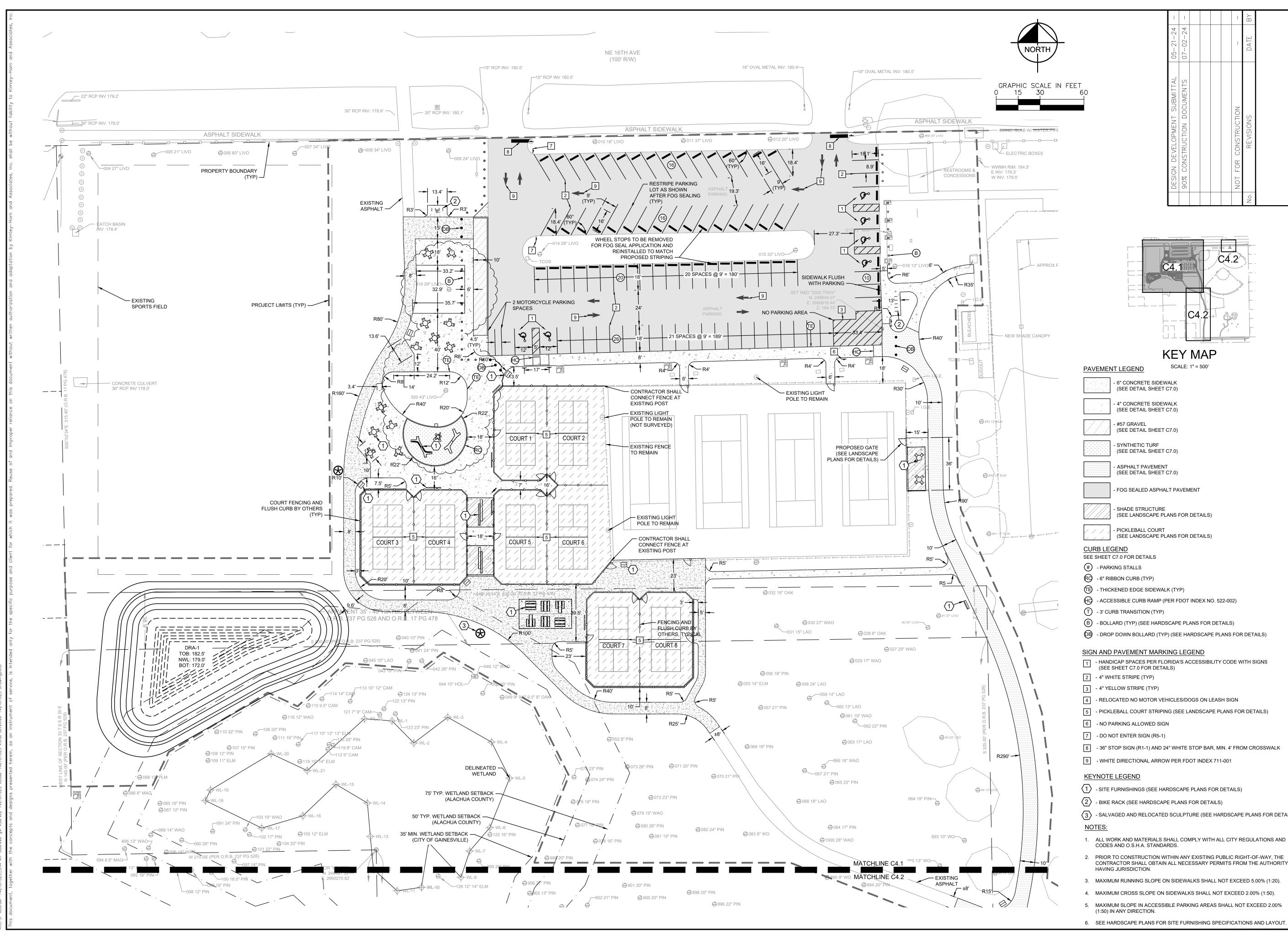
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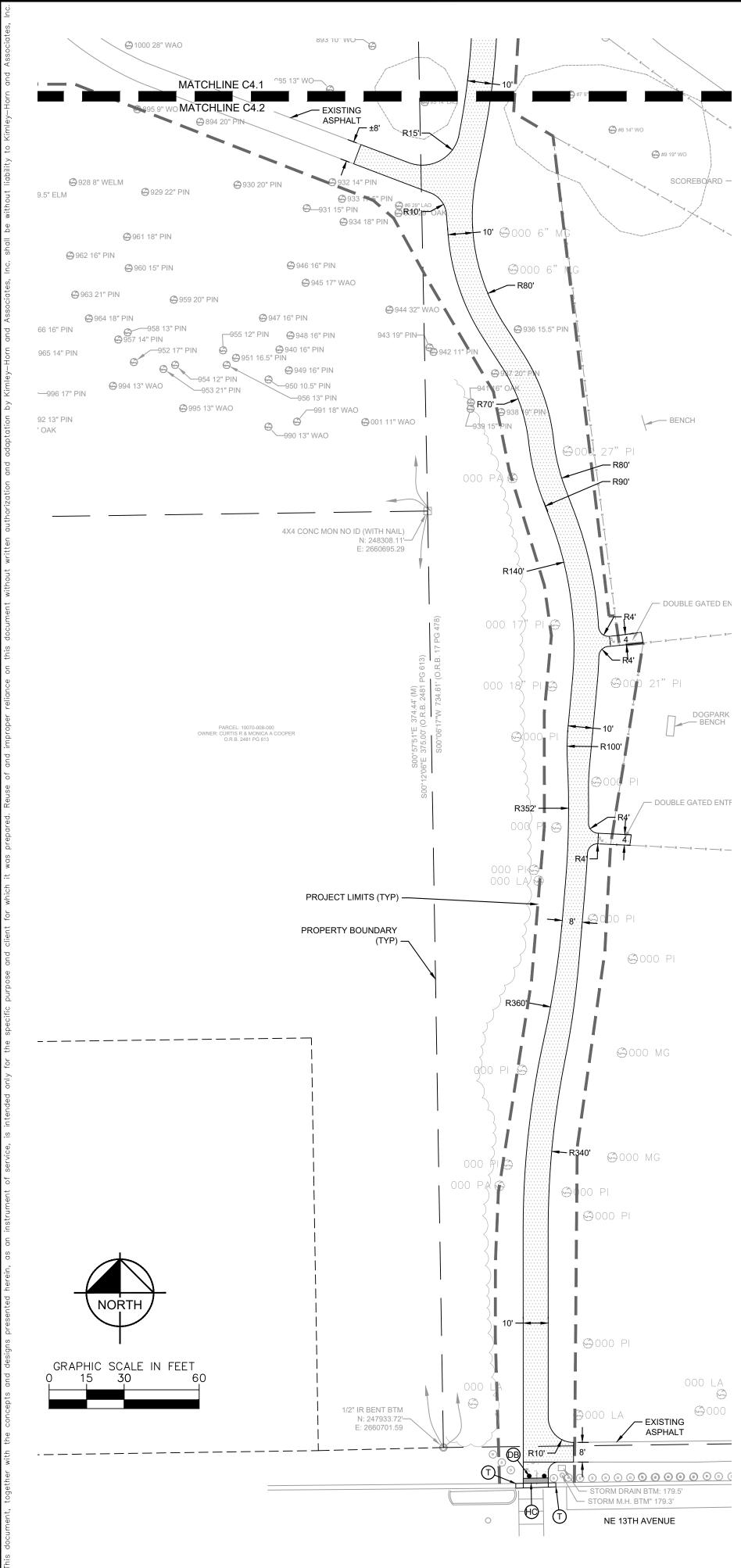
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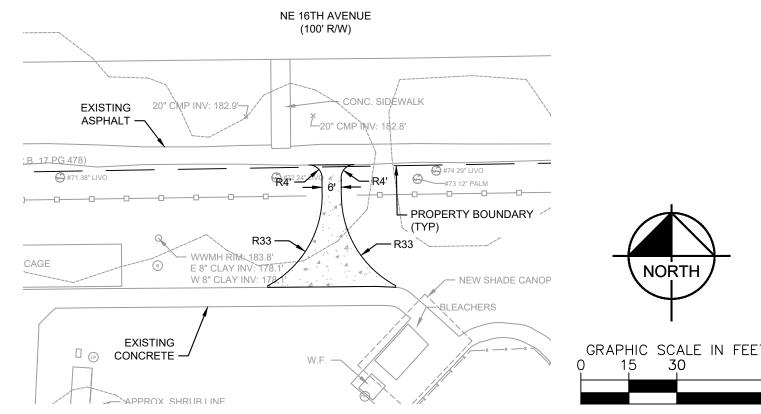
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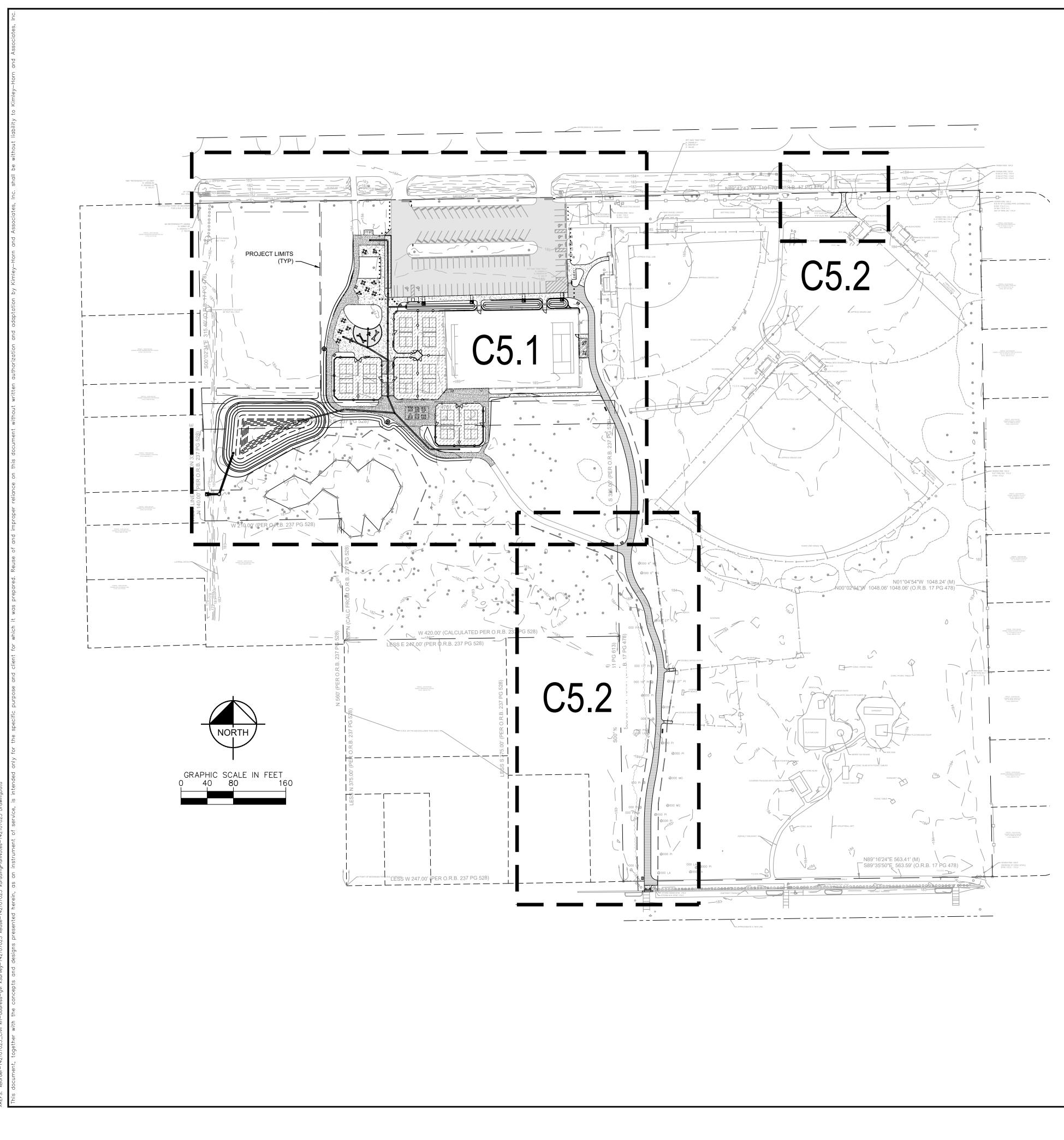




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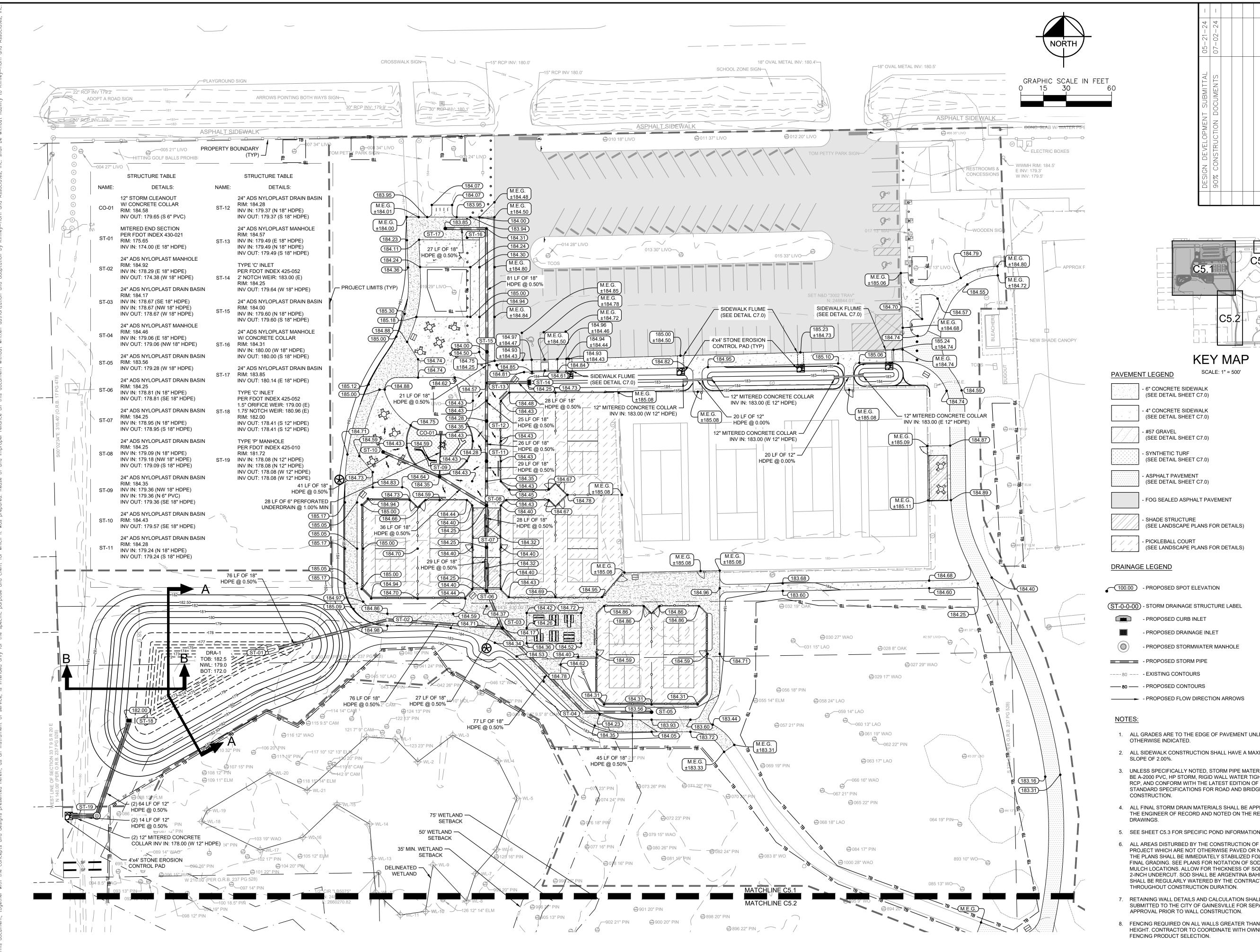
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- 6" CONCRETE SIDEWALK (SEE DETAIL SHEET C7.0) - 4" CONCRETE SIDEWALK	
(SEE DETAIL SHEET C7.0)	PROFESSIONAL C. SOWELL ICENSE NUMBER 8531
(SEE DETAIL SHEET C7.0) - SYNTHETIC TURF (SEE DETAIL SHEET C7.0)	
- ASPHALT PAVEMENT (SEE DETAIL SHEET C7.0)	LICENSED DAVID FLORIDA L 6 DATE:
- FOG SEALED ASPHALT PAVEMENT	55 50 WDM WDM DCS
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CURB LEGEND SEE SHEET C7.0 FOR DETAILS	
(#) - PARKING STALLS RC - 6" RIBBON CURB (TYP)	QZ
	RY AN
<ul> <li>(HO) - ACCESSIBLE CURB RAMP (PER FDOT INDEX NO. 522-002)</li> <li>(T) - 3' CURB TRANSITION (TYP)</li> </ul>	
$\overrightarrow{B}$ - BOLLARD (TYP) (SEE HARDSCAPE PLANS FOR DETAILS)	
(DB)       - DROP DOWN BOLLARD (TYP) (SEE HARDSCAPE PLANS FOR DETAILS)	GEOME ARKING
SIGN AND PAVEMENT MARKING LEGEND - HANDICAP SPACES PER FLORIDA'S ACCESSIBILITY CODE WITH SIGNS (SEE SHEET C7.0 FOR DETAILS)	GEOME IARKING
2 - 4" WHITE STRIPE (TYP)	
<ul> <li>3 - 4" YELLOW STRIPE (TYP)</li> <li>4 - RELOCATED NO MOTOR VEHICLES/DOGS ON LEASH SIGN</li> </ul>	N N
5 - PICKLEBALL COURT STRIPING (SEE LANDSCAPE PLANS FOR DETAILS)	
6 - NO PARKING ALLOWED SIGN 7 - DO NOT ENTER SIGN (R5-1)	S S
8       - 36" STOP SIGN (R1-1) AND 24" WHITE STOP BAR, MIN. 4' FROM CROSSWALK	
9 - WHITE DIRECTIONAL ARROW PER FDOT INDEX 711-001	PL/
$\frac{\text{KEYNOTE LEGEND}}{1}$ - SITE FURNISHINGS (SEE HARDSCAPE PLANS FOR DETAILS)	TY PARI IPROVEN RED FOR AINESVILL PUBLIC F
$\langle 2 \rangle$ - BIKE RACK (SEE HARDSCAPE PLANS FOR DETAILS)	
3 - SALVAGED AND RELOCATED SCULPTURE (SEE HARDSCAPE PLANS FOR DETAILS)	[ ] =   =   5 ∞
NOTES: 1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY REGULATIONS AND	OM PE BALL PREP, TY OF ( PACES
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.	TC PICKLEE CIT WILD SP
<ol> <li>MAXIMUM RUNNING SLOPE ON SIDEWALKS SHALL NOT EXCEED 5.00% (1:20).</li> <li>MAXIMUM CROSS SLOPE ON SIDEWALKS SHALL NOT EXCEED 2.00% (1:50).</li> </ol>	
5. MAXIMUM SLOPE IN ACCESSIBLE PARKING AREAS SHALL NOT EXCEED 2.00% (1:50) IN ANY DIRECTION.	SHEET NUMBER
6. SEE HARDSCAPE PLANS FOR SITE FURNISHING SPECIFICATIONS AND LAYOUT.	C4.2



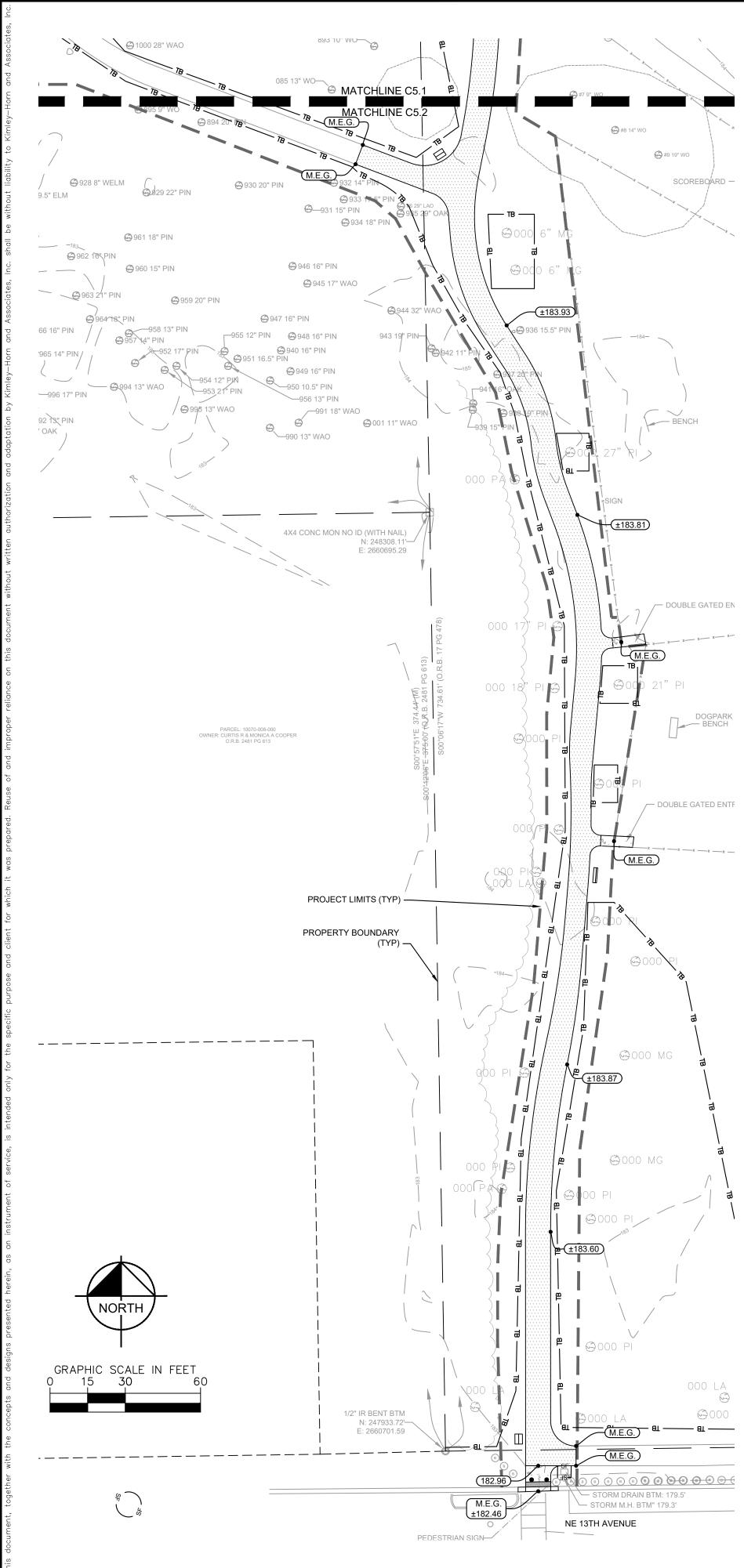
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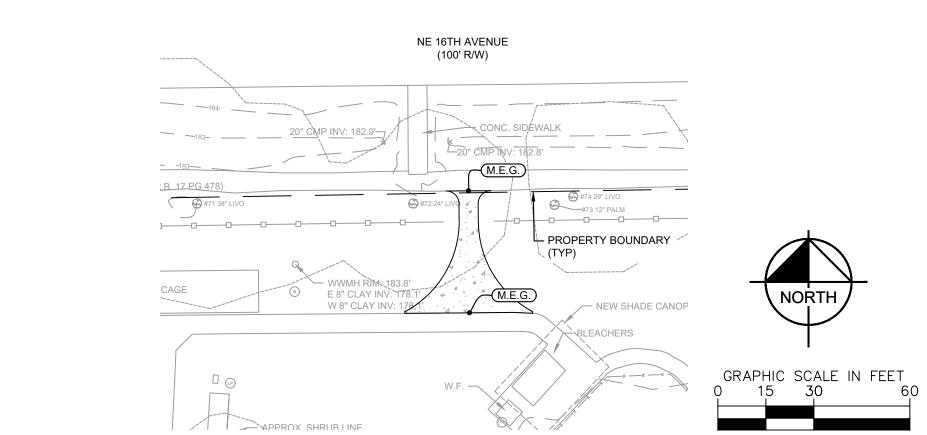
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	TOM PETTY PARK PICKLEBALL IMPROVEMENTS PREPARED FOR CITY OF GAINESVILLE WILD SPACES & PUBLIC PLACES CAINESVILLE
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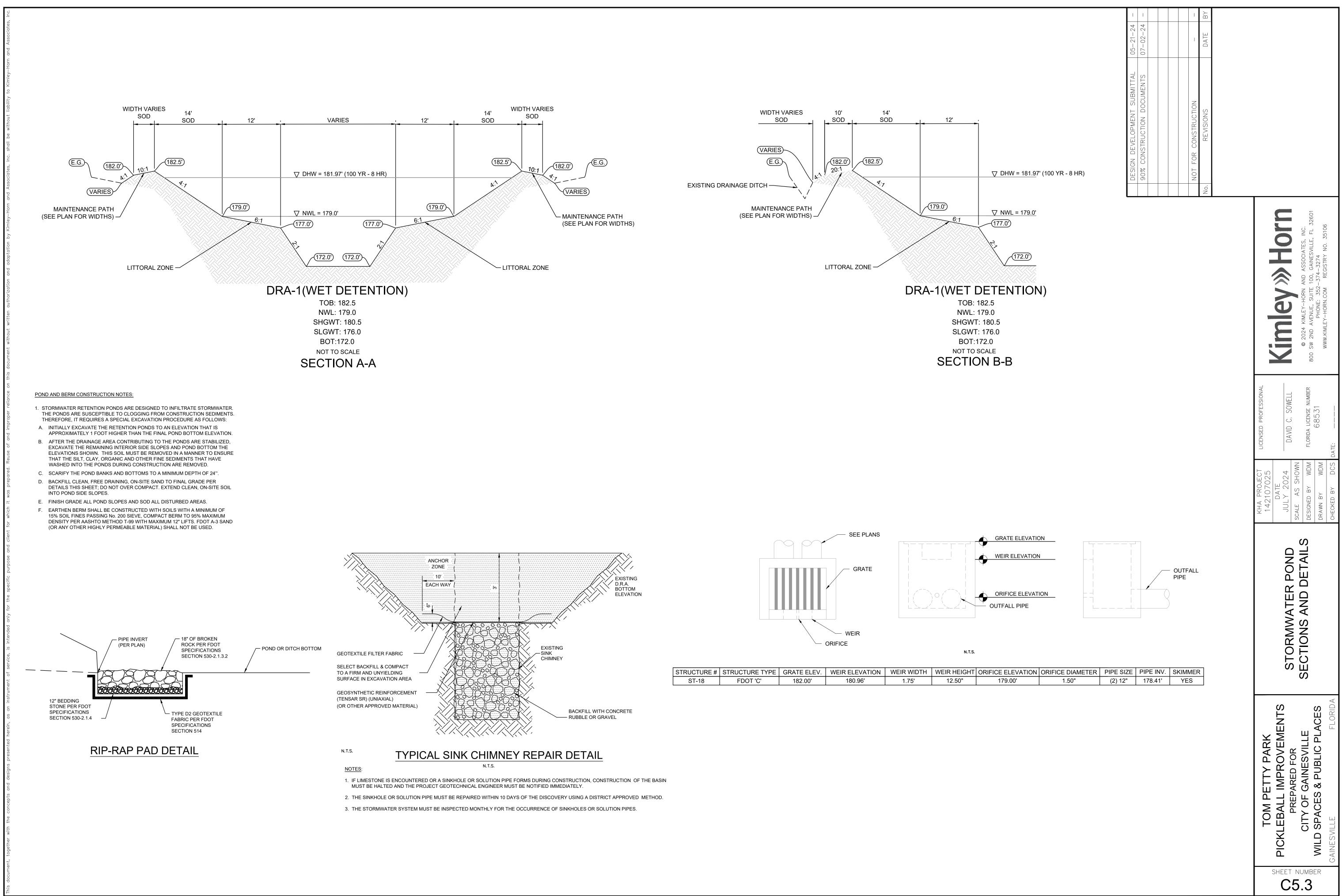
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5.2	<b>Kimley » Horn</b> © 2024 KIMLEY-HORN AND ASSOCIATES, INC. 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106
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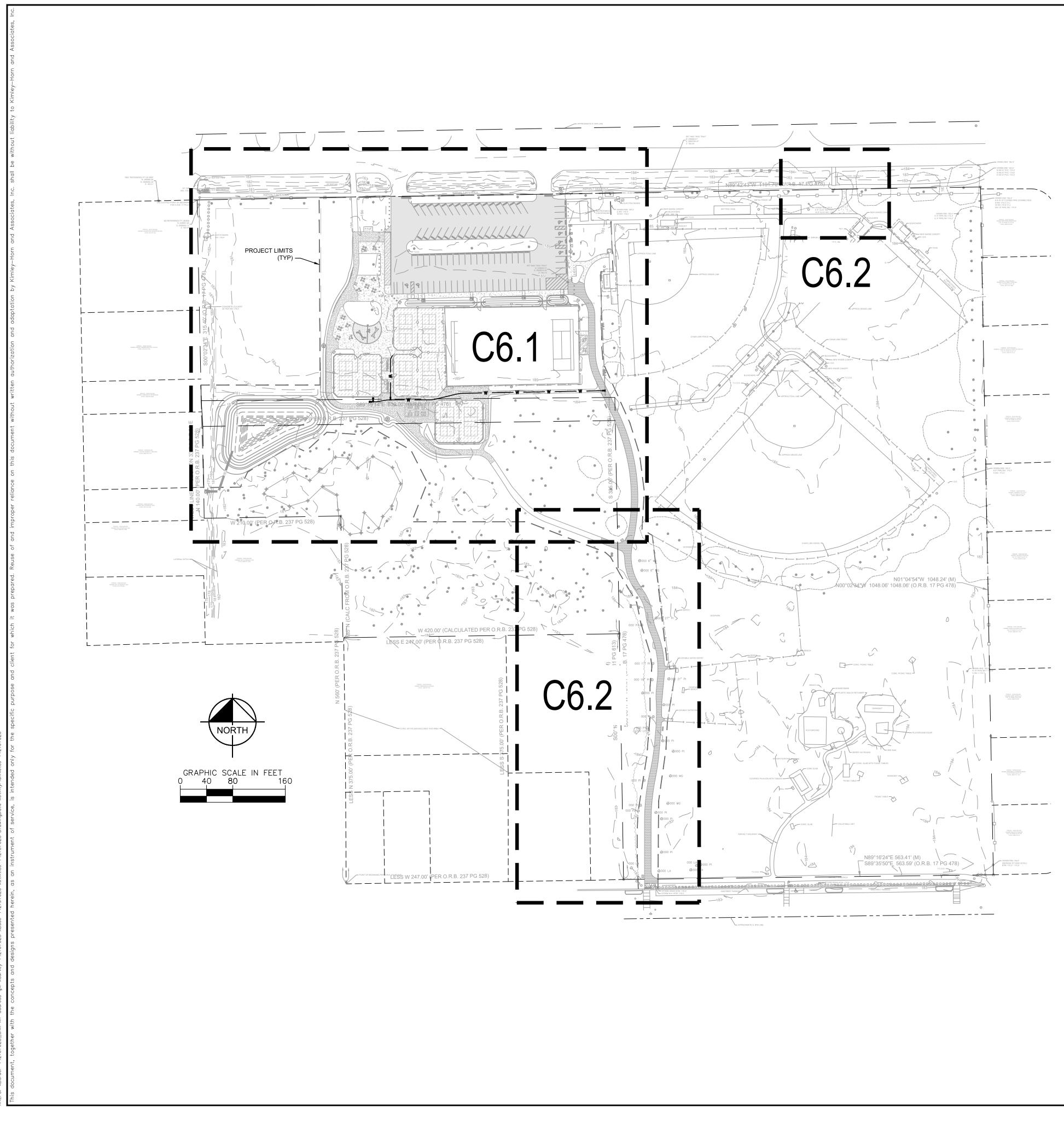




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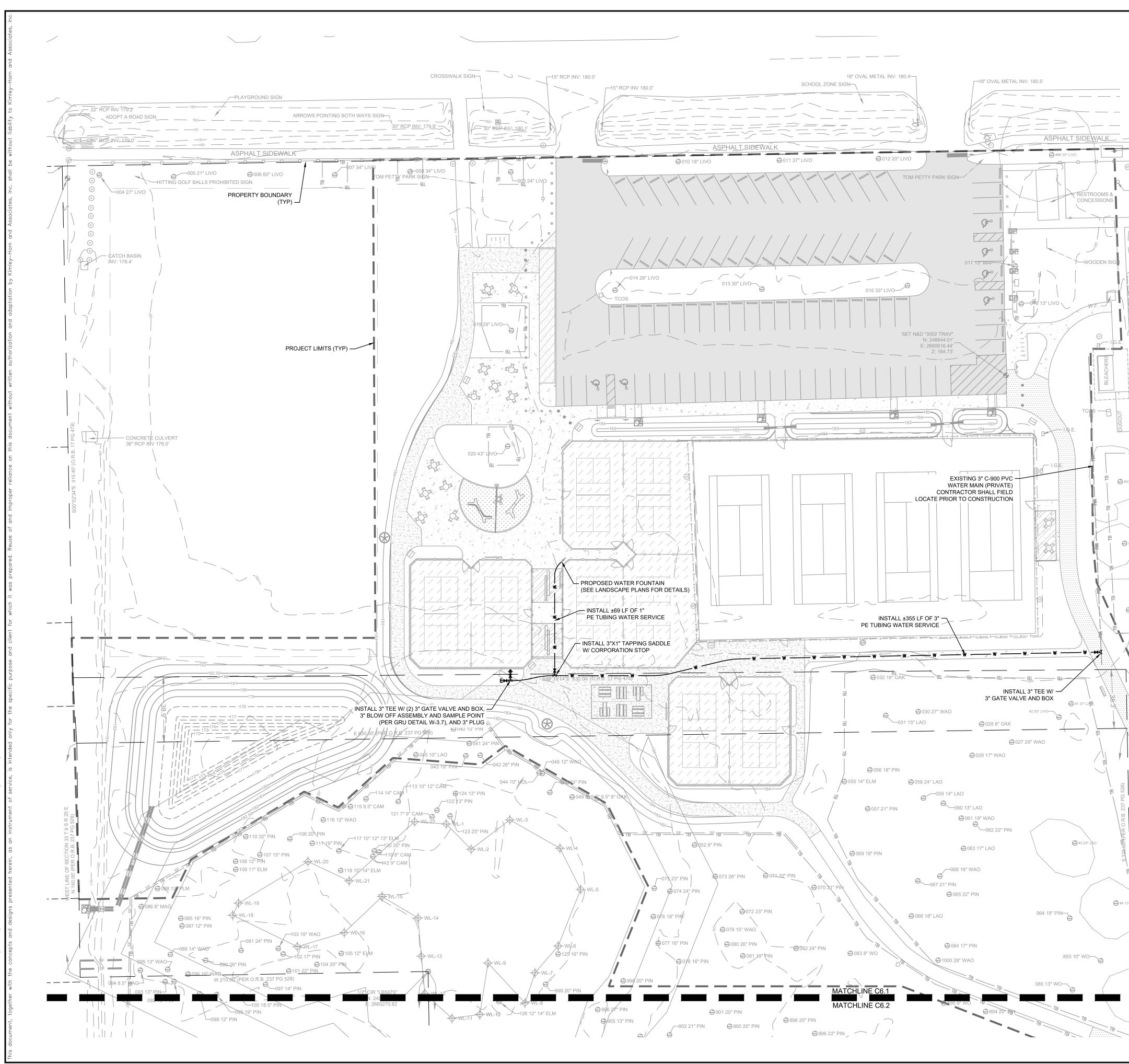
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KEY MAP	© 2024 KIMLEY-HORN SW ZND AVENUE, SUITE PHONE: 352 WWW.KIMLEY-HORN.COM
PAVEMENT LEGEND       SCALE: 1" = 500'         - 6" CONCRETE SIDEWALK (SEE DETAIL SHEET C7.0)	
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(100.00) - PROPOSED SPOT ELEVATION	QZ
(ST-0-0-00) - STORM DRAINAGE STRUCTURE LABEL	
- PROPOSED CURB INLET	GRADING NAGE PLA
- PROPOSED DRAINAGE INLET     - PROPOSED STORMWATER MANHOLE	AD GE
- PROPOSED STORM PIPE	'ING GRAD DRAINAGE
80 EXISTING CONTOURS	
	PAVING DRA
NOTES:	PA
1. ALL GRADES ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.	
<ol> <li>ALL SIDEWALK CONSTRUCTION SHALL HAVE A MAXIMUM CROSS SLOPE OF 2.00%.</li> </ol>	ENTS ACES FLORIDA
<ol> <li>UNLESS SPECIFICALLY NOTED, STORM PIPE MATERIALS SHALL BE A-2000 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.</li> </ol>	RK EME PL/
<ol> <li>ALL FINAL STORM DRAIN MATERIALS SHALL BE APPROVED BY THE ENGINEER OF RECORD AND NOTED ON THE RECORD DRAWINGS.</li> </ol>	ETTY PARK IMPROVEM ARED FOR GAINESVILLE & PUBLIC PL
5. SEE SHEET C5.3 FOR SPECIFIC POND INFORMATION.	T ≥ R ≤ ∞
<ol> <li>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 &amp; 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.</li> </ol>	DM PF BALL PREP Y OF ACES
7. RETAINING WALL DETAILS AND CALCULATION SHALL BE SUBMITTED TO THE CITY OF GAINESVILLE FOR SEPARATE APPROVAL PRIOR TO WALL CONSTRUCTION.	TC PICKLEE CIT WILD SP, GAINESVILLE
<ol> <li>FENCING REQUIRED ON ALL WALLS GREATER THAN 2'-6" IN HEIGHT. CONTRACTOR TO COORDINATE WITH OWNER ON FENCING PRODUCT SELECTION.</li> </ol>	SHEET NUMBER
	C5.2



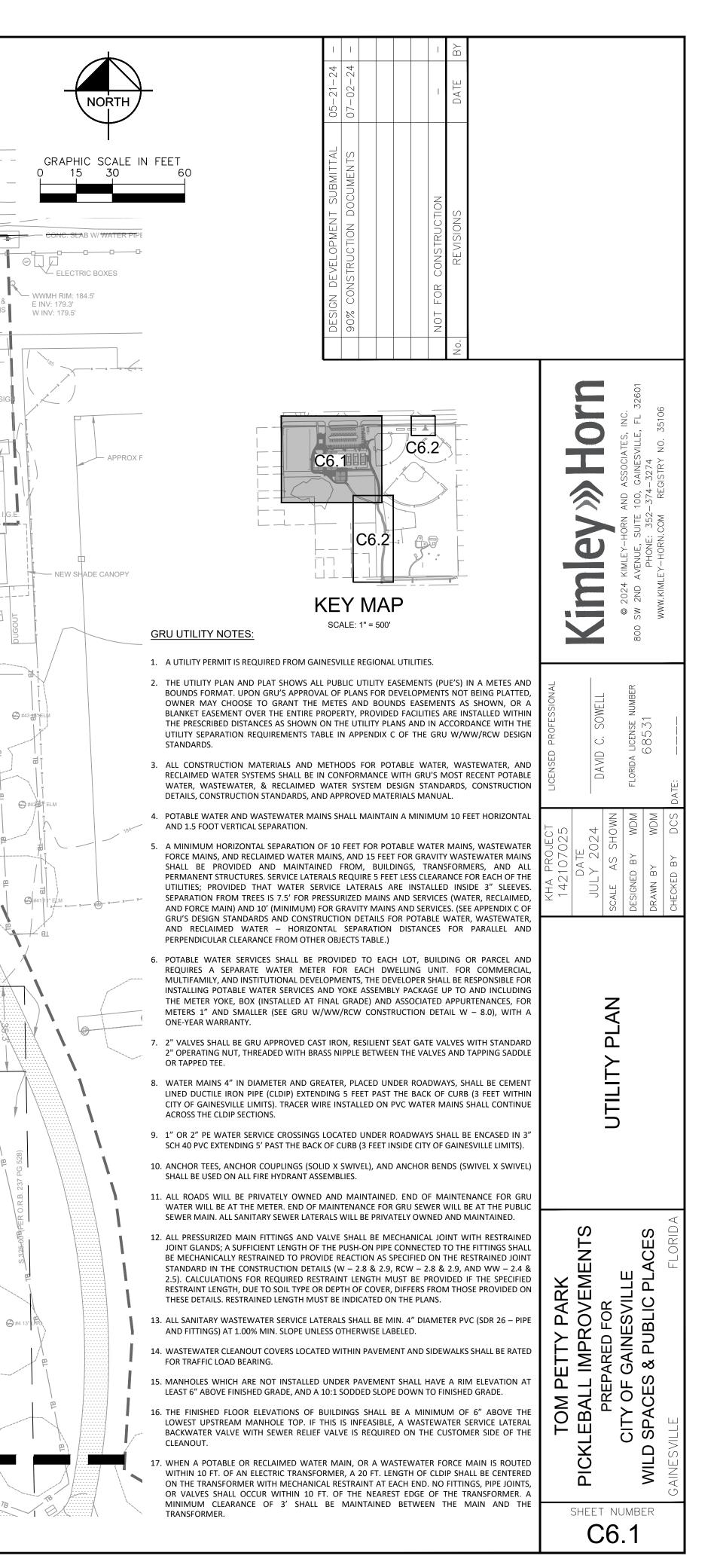


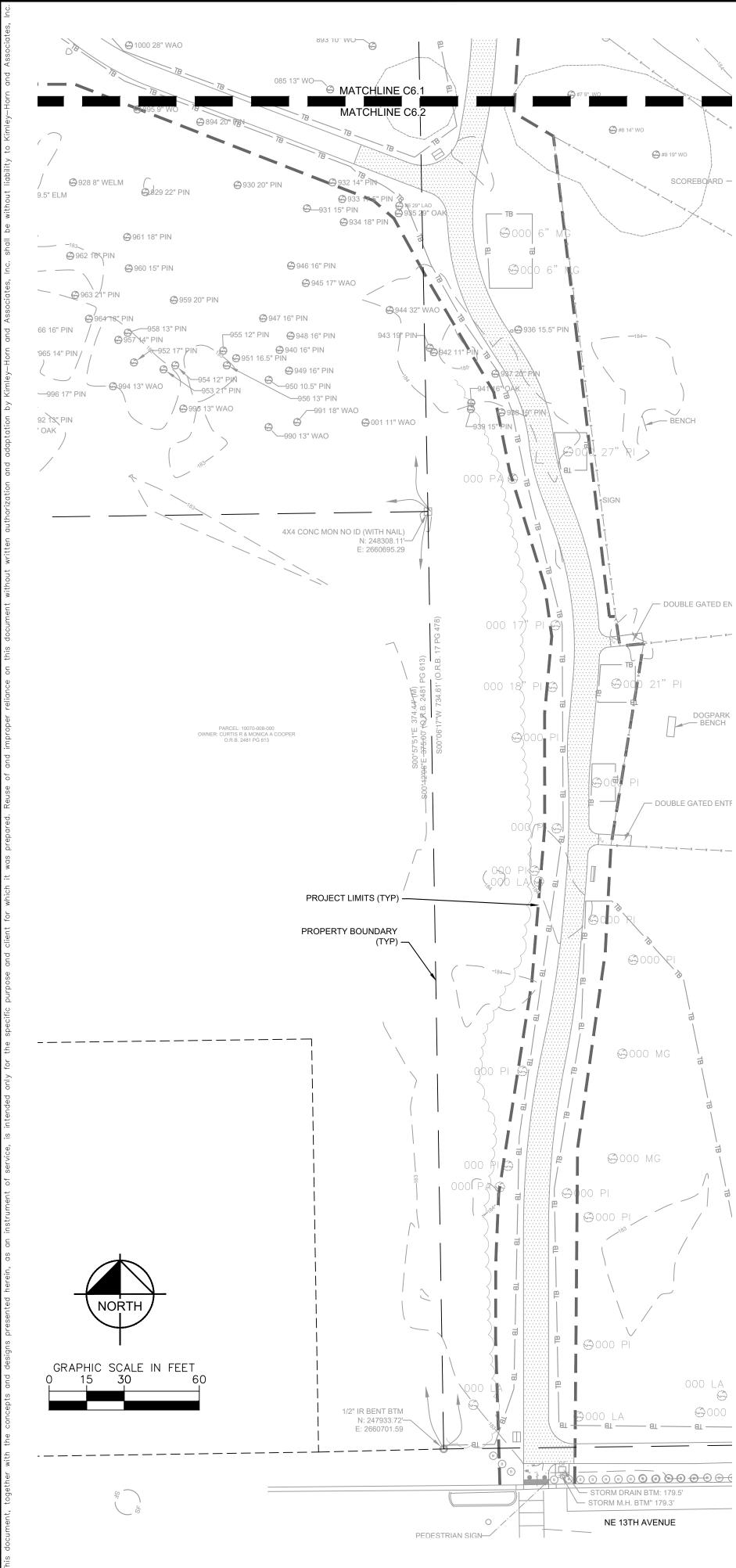
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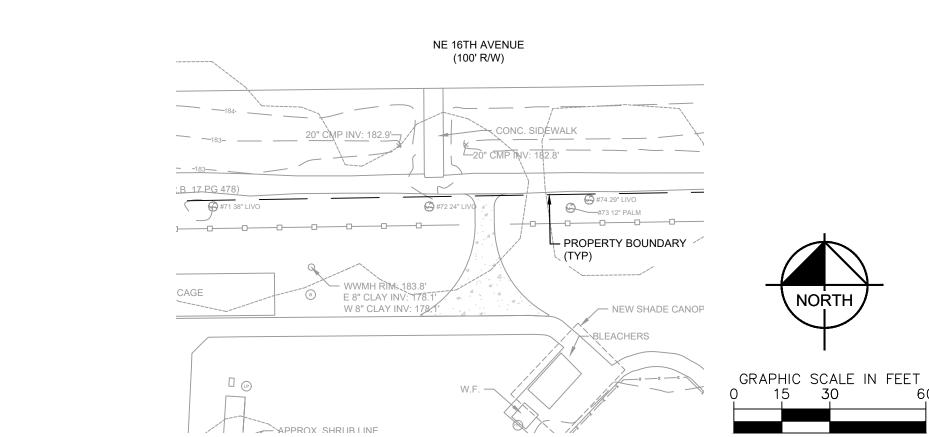
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	TOM PETTY PARK PICKLEBALL IMPROVEMENTS PREPARED FOR CITY OF GAINESVILLE WILD SPACES & PUBLIC PLACES GAINESVILLE
	SHEET NUMBER



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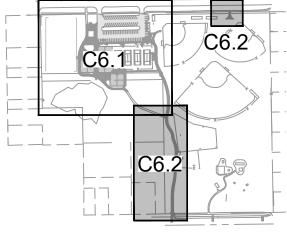






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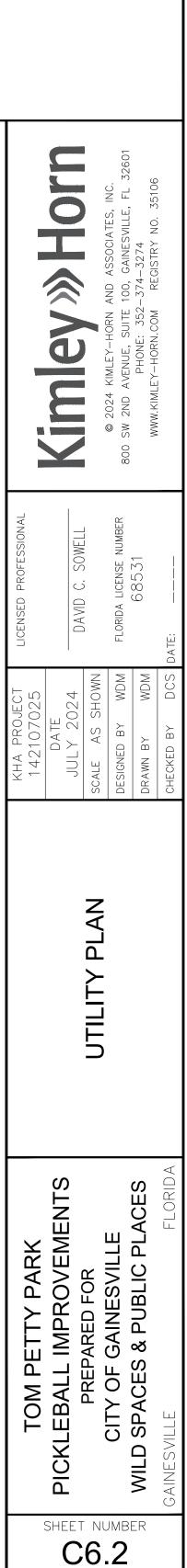


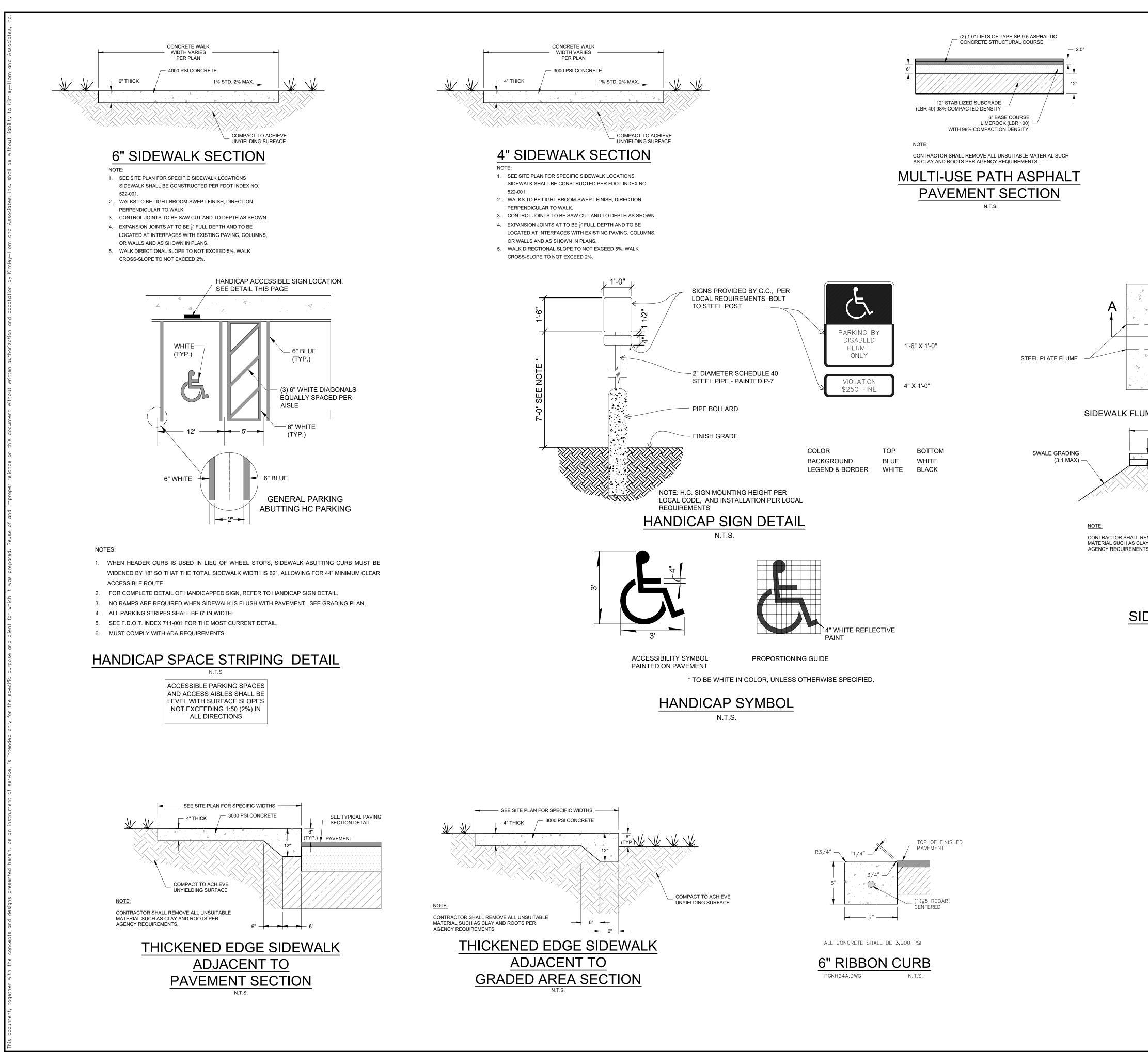
KEY MAP SCALE: 1" = 500'

GRU UTILITY NOTES:

1. A UTILITY PERMIT IS REQUIRED FROM GAINESVILLE REGIONAL UTILITIES.

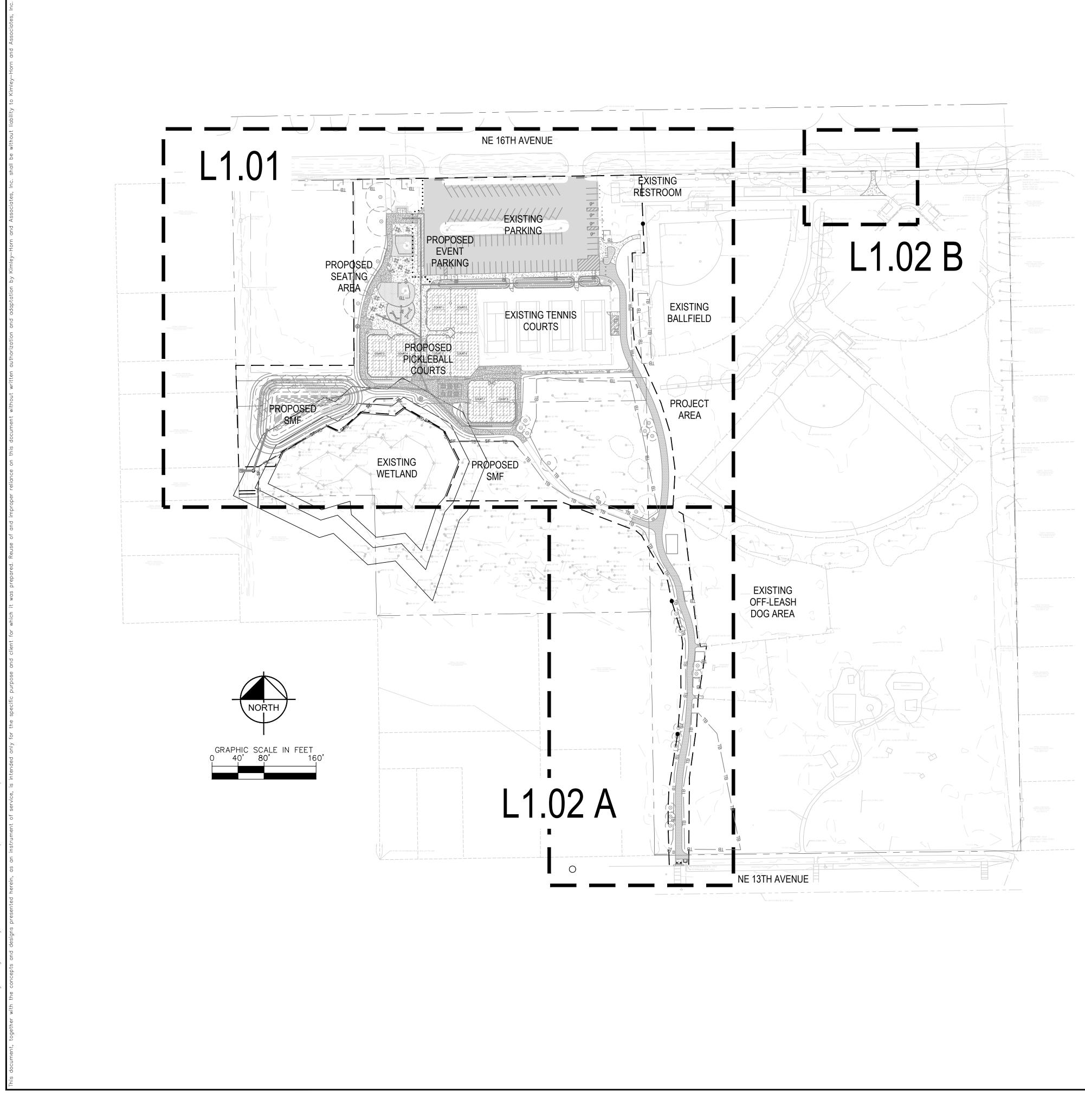
- 2. THE UTILITY PLAN AND PLAT SHOWS ALL PUBLIC UTILITY EASEMENTS (PUE'S) IN A METES AND BOUNDS FORMAT. UPON GRU'S APPROVAL OF PLANS FOR DEVELOPMENTS NOT BEING PLATTED, OWNER MAY CHOOSE TO GRANT THE METES AND BOUNDS EASEMENTS AS SHOWN, OR A BLANKET EASEMENT OVER THE ENTIRE PROPERTY, PROVIDED FACILITIES 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/WW/RCW 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/WW/RCW 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 LINED DUCTILE IRON PIPE (CLDIP) 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. RESTRAINED 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 FT. 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.





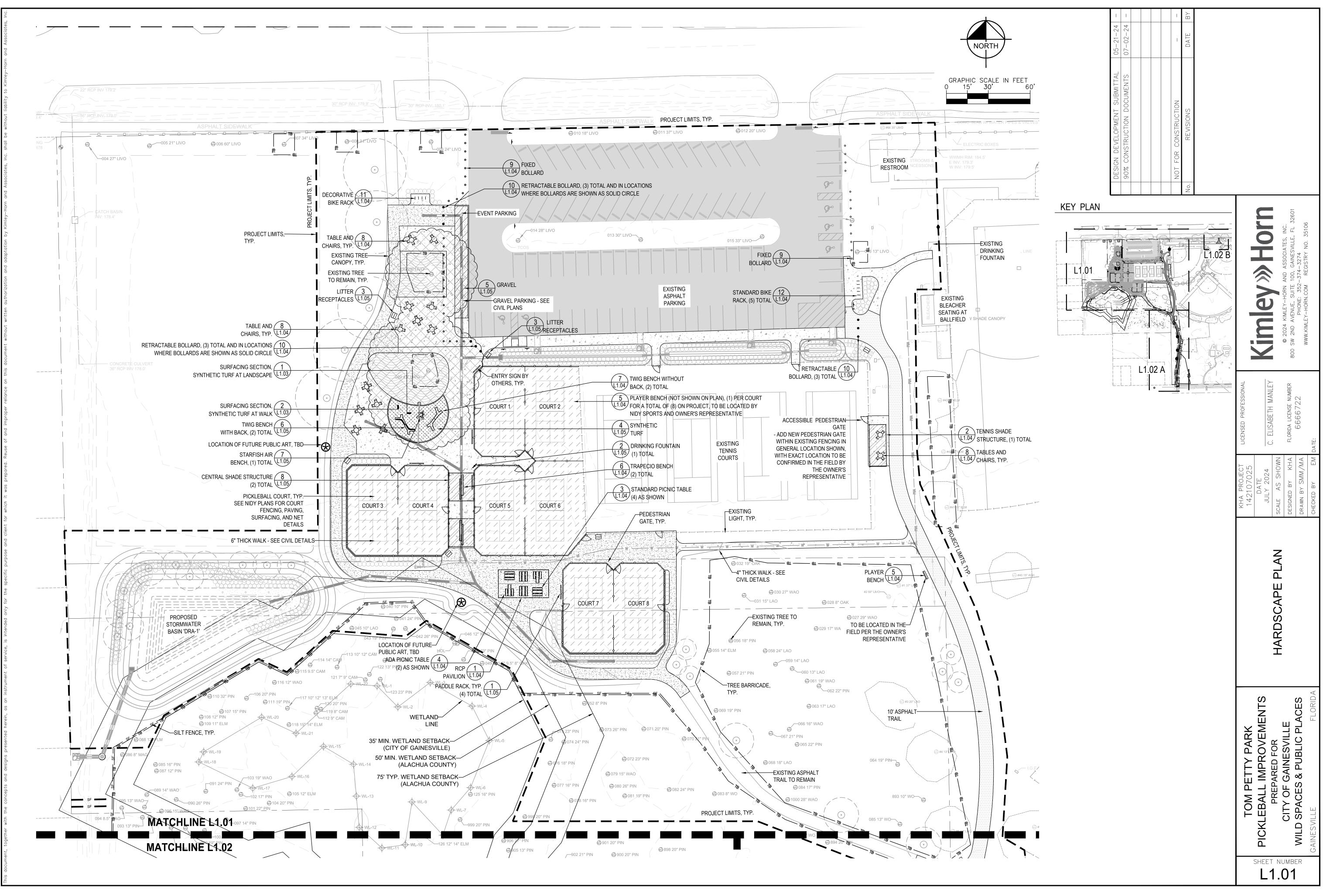
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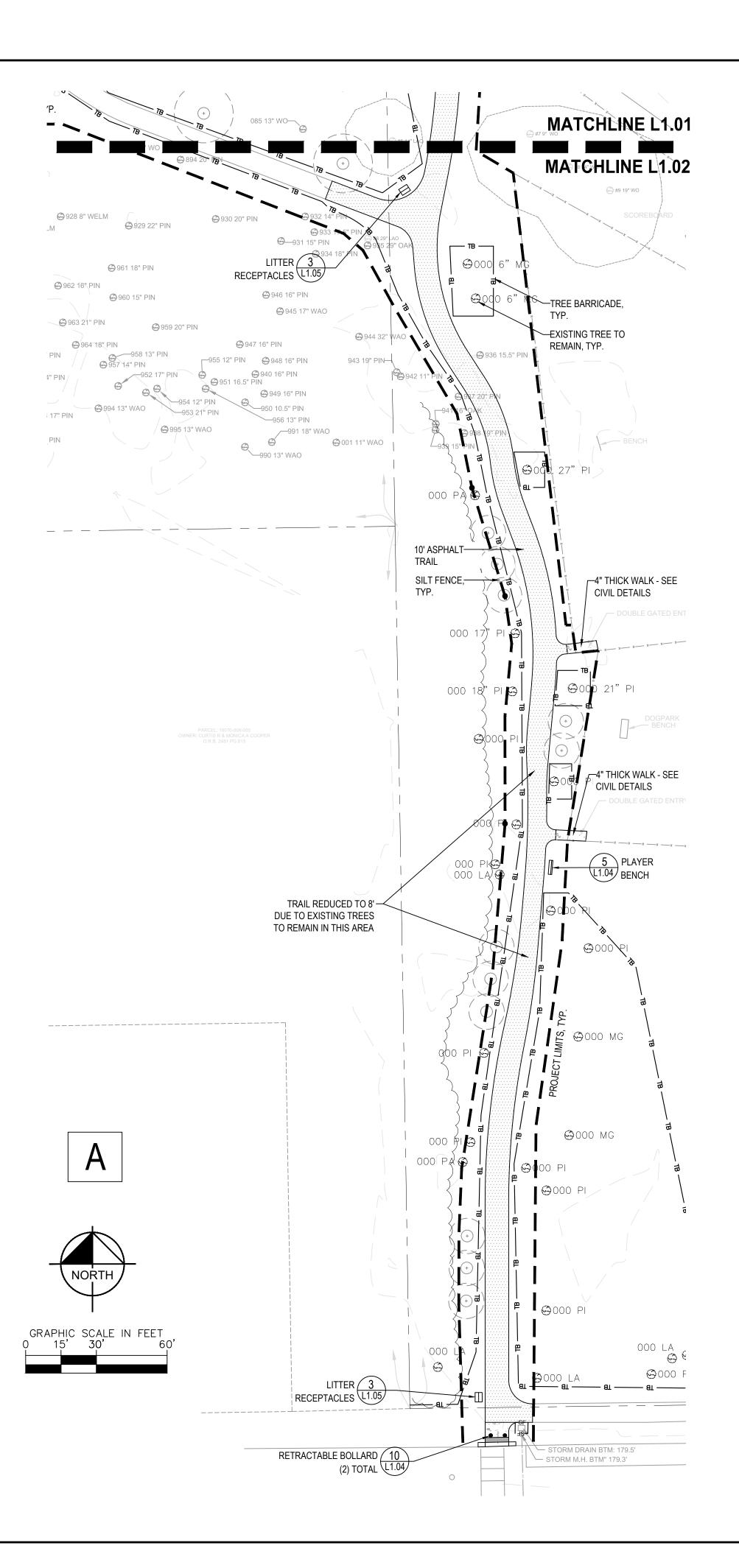


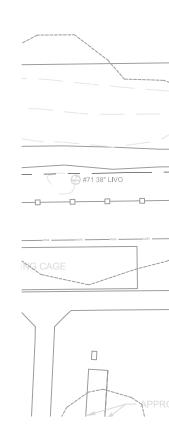
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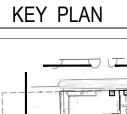
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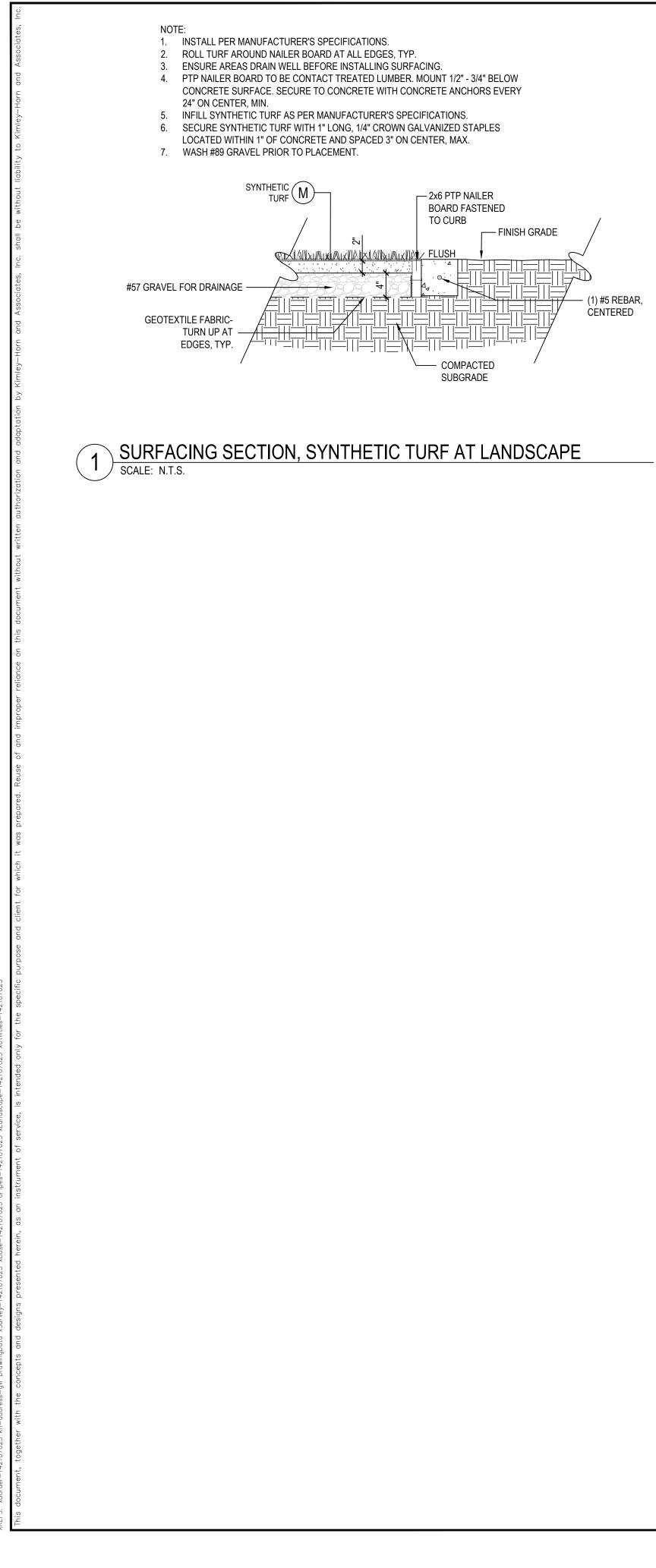


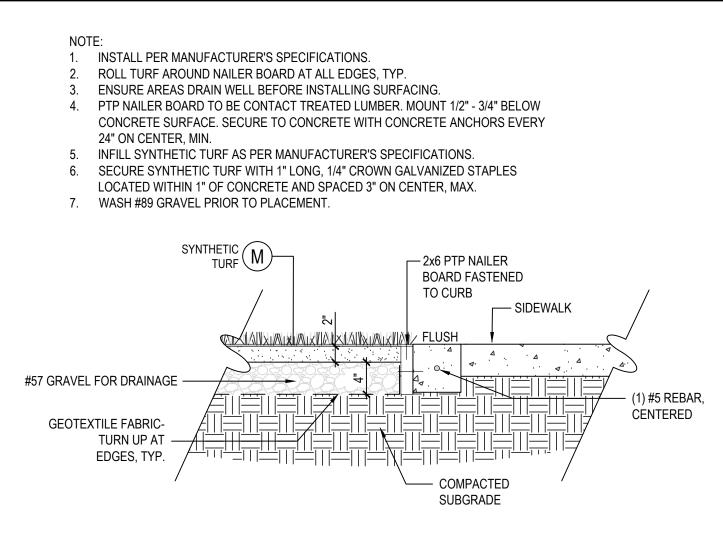


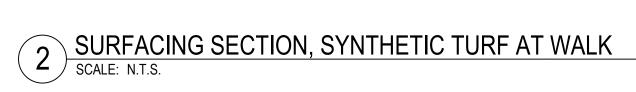




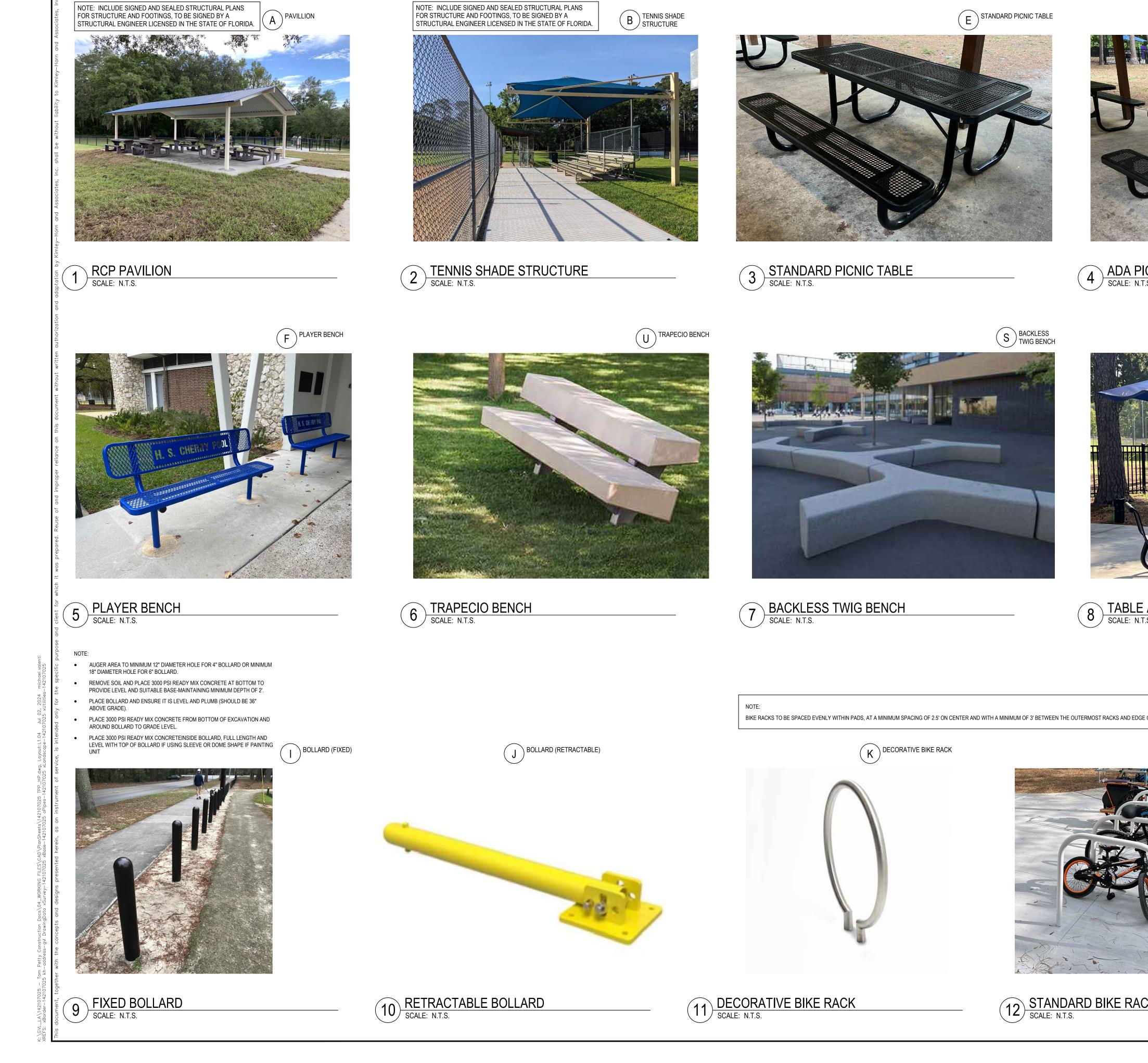
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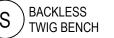
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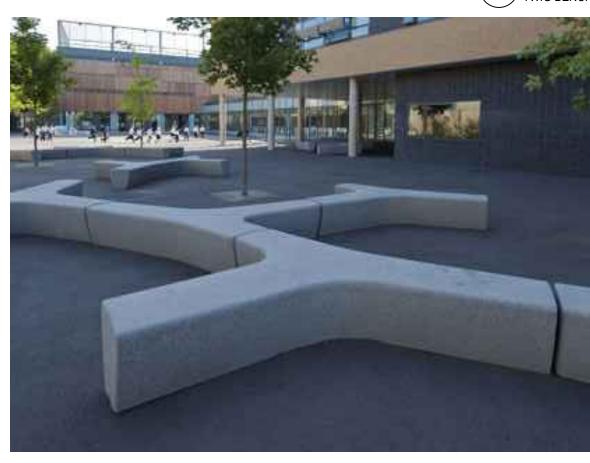


















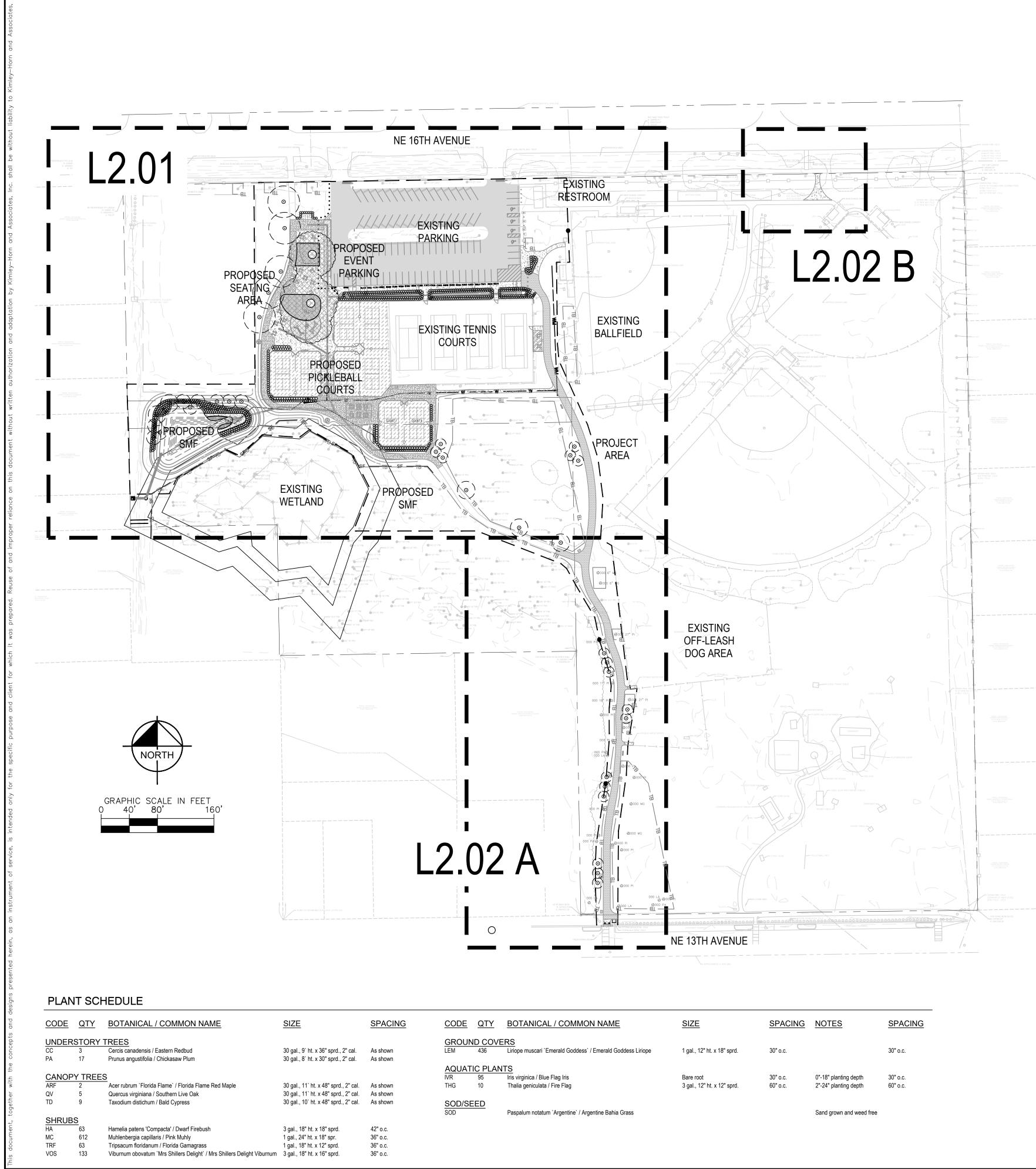
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CT:	RCP Tube Steel Pavilion with a Gable Roof, Model No. TSG2036-04 Powdercoat 'Roman Blue' metal roof and 'AC Off White' posts and frame						'-НОRN E, SUITE NE: 352. IRN.COM
R:	RCP Shelters, info@rcpshelters.com, 772-288-3600						2024 KIMLEY-HORN 2ND AVENUE, SUITE PHONE: 355 M.KIMLEY-HORN.COM
	12' x 30' Cantilevered Shade Structure - to match existing To match existing To match existing https://WWW.CREATIVESHADESOLUTIONS.COM					im	© N N N N N N N N N N N N N N N N N N N
CT:	18' x 20' Two-post, Hip Roof Shade Structure To match existing					X	800
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CT:	Dumor Table, Model No. 443-558 Series, ADA Powdercoat Black					PROFESSIONAL BETH MANLEY	se number 722
	REP Services, Contact Mary Langley, (407) 831-9658, MLangley@REPServices.com Dumor Table, Model No. 443 Series, 6' length						a license 66672
	Powdercoat Black					LICENSED C. ELISAE	florida 66 E:
	REP Services, Contact Mary Langley, (407) 831-9658, MLangley@REPServices.com UltraSite Custom Backed Bench, Model #P940S-P6-CL 6' length, surface mount - See detail for	or hend	h text				DAT
	Standard 'Textured Black' frame with 'Blue' bench seat and back Bliss Products, Jessica Allen, (904) 315-4664 or jessica@blissproducts.com					PROJECT 2107025 DATE _Y 2024 AS SHOWN	
CT:	DuMor Model # 101-40, 42" diameter, with 3 attached chairs, no umbrella hole, portable, surface Standard, circle perforation chairs, solid table top 'Textured Black'	ce mou	nted				ED E ED B
	REP Services, Contact Mary Langley, (407) 831-9658, MLangley@REPServices.com					KH/ 14	DES DRA CHE
	DuMor Model # 101-40, 42" diameter, with 4 attached chairs, no umbrella hole, portable, surface Standard, circle perforation chairs, solid table top 'Textured Black' REP Services, Contact Mary Langley, (407) 831-9658, MLangley@REPServices.com	ce mou	nted			AND	
	4" Schedule 40 Primed Surplus Steel Bollard with 1/8" Bollard Cover					E DETAILS /	Ц
:R.	Standard Dark Gray Bollard Solutions, Wanda McConnell, (864) 626-3311, bollardsolutionsltd@gmail.com					AIL	DU
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	Landscape Forms, 'Ring' Model Standard					API	H H
:R.	Standard Silver Landscape Forms, 800-381-3455, www.LandscapeForms.com					HARDSCAP	INISH
	Standard City Of Gainesville Bike Rack					Ĩ Â	Ē
:P·	Standard White Contact City Of Gainesville Parks					A A	
	Model No. 2458-PVC Rack, 24-rack, 57" long PVC paddle rack						
:D.	Standard Standard	(651) 2(	12 0025			IS	<b>ES</b> JRIDA
	NEXTuP Pickleball Racks, https://nextuppickleball.com/nextup-pickleball/racks/pvc/pvc-paddle-rack/, ( Pedestal hi/low drinking fountain, Model # 840 SMSS with optional pet fountain, jug filler, and n			_		N 田	AC
	bibb & lock door Textured powdercoat with stainless steel surface carrier 'Textured Sapphire'					ХХ Х Д	C PL
	Most Dependable Fountains, www.mostdependable.com, (901) 867-0039					PARK OVEM FOR	3LIC
CT:	Max-R, Terra Style, Recycled Plastic, Standard City of Gainesville Standard Green-black trip and roof; symbols and text per City of Gainesville standard					TTY PARK MPROVEMEN <sup>-</sup> Red For	GAINESVILLE & PUBLIC PL,
	Max-R						<b>10</b>
) 	Forever Lawn K9Grass Classic+ Standard Standard 'Summer Green' primary and 'Turf Green' secondary					TOM PE EBALL II PREPA	Y OF ACES
	REP Services, Contact Mary Langley, (407) 831-9658, MLangley@REPServices.com						CITY C SPACI
	#57 Stone Standard Standard					PICKI	CIT WILD SP, GAINESVILLE
	Southern Aggregates, (352) 245-4445 or www.southernrockyard.com Landscape Forms 'Twig' modular bench, backed, 76" depth x 93" length x 18" height					ā	GAIN S
	Standard acid-etched/waterproofed finish Grey					SHEET N	
R:	Landscape Forms, Kelley Moore, (407) 754-6214, kmoore@landscapeforms.com					L1.	UD



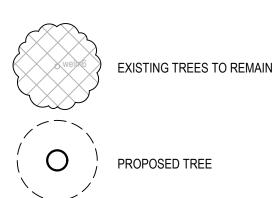
L / COMMON NAME	SIZE	<u>SPACING</u>	<u>NOTES</u>	<u>SPACING</u>
Emerald Goddess` / Emerald Goddess Liriope	1 gal., 12" ht. x 18" sprd.	30" o.c.		30" o.c.
e Flag Iris / Fire Flag	Bare root 3 gal., 12" ht. x 12" sprd.	30" o.c. 60" o.c.	0"-18" planting depth 2"-24" planting depth	30" o.c. 60" o.c.
m `Argentine` / Argentine Bahia Grass			Sand grown and weed free	

# LANDSCAPE NOTES

- 1. PRE-CONSTRUTION MEETING: CONTACT THE CITY OF GA A TREE BARRICADE INSPECTION AND TO REVIEW PRO WORK, OR INSTALLATION ACTIVITIES. CONTACT A MINI
- 2. EXISTING TREE PROTECTION: PROTECTIVE BARRIERS S PREVENT THE DESTRUCTION OR DAMAGING OF REGU CONSTRUCTION ACTIVITY OR STORAGE OF EQUIPMEN THAT HAVE NOT BEEN PERMITTED NOR DESIGNATED OF THE PERMIT OR APPROVED DEVELOPMENT ORDER. A CONTINUOUS BOUNDARY AROUND TREES OR VEGET MACHINERY, VEHICLES, OR STORED MATERIALS. BARF TO PROCEEDING WITH SITE WORK. SEE TREE PROTEC TREES AND HIGH-QUALITY, HERITAGE TREES.
- 3. EXISTING UTILITIES: LOCATE ALL UTILITIES PRIOR TO CO SEE LOGO BELOW.
- AND OTHER ITEMS HARMFUL TO PLANTINGS.
- IMMEDIATELY FOLLOWING ROOT TRIMMING ACTIVITIES.
- FOOT DEEP PLANTING DEPTH FOR ALL PROPOSED PLANTING AND TURF AREAS.

- APPROVED BY URBAN FORESTRY INSPECTOR PRIOR TO INSTALLATION.
- MULCH TO BE FREE OF DEBRIS, STICKS, AND CONES.
- 13. IRRIGATION: SEE IRRIGATION PLANS.

# LEGEND



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GAINESVILLE URBAN FORESTRY INSPECTOR AT 352-334-5023 TO SCHEDULE	05-21-24	07-02-24		1	DATE		
GAINESVILLE ORBAN FORESTRY INSPECTOR AT 352-354-5023 TO SCHEDULE ROPOSED LANDSCAPE MATERIALS BEFORE BEGINNING ANY CLEARING, SITE INIMUM OF THREE DAYS PRIOR TO REQUESTED MEETING DATE. S SHALL BE CONSTRUCTED AS INDICATED IN DEMOLITION PLANS TO GULATED TREES THAT ARE LOCATED WITHIN 50 FEET OF ANY ENT AND MATERIALS. PROTECTED TREES SHALL INCLUDE THOSE TREES O FOR REMOVAL AS SHOWN IN DEMOLITION PLANS BY EITHER THE TERMS ER. PROTECTIVE BARRIERS SHALL BE PLAINLY VISIBLE AND SHALL CREATE GETATION CLUSTERS IN ORDER TO PREVENT ENCROACHMENT BY RRIERS SHALL BE INSPECTED BY THE URBAN FORESTRY INSPECTOR PRIOR ECTION DETAILS FOR SPECIFIC REQUIREMENTS FOR BOTH REGULATED	DESIGN DEVELOPMENT SUBMITTAL	90% CONSTRUCTION DOCUMENTS		NOT FOR CONSTRUCTION	REVISIONS		
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4. INVASIVE SPECIES: REMOVE INVASIVE, NONNATIVE PLANT SPECIES AS LISTED ON THE FLORIDA PROHIBITED AQUATIC PLANTS LIST OR THE FLORIDA NOXIOUS WEED LIST FROM THE SITE PRIOR TO ISSUANCE OF THE CERTIFICATE OF OCCUPANCY. ALL HERBICIDE APPLICATIONS TO CONTROL INVASIVE, NONNATIVE PLANTS IN WETLAND OR UPLAND SET-ASIDE AREAS, INCLUDING BUFFERS, SHALL BE APPLIED BY A CONTRACTOR LICENSED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF AGRICULTURAL ENVIRONMENTAL SERVICES, WITH A CURRENT CERTIFICATION IN NATURAL AREAS WEED MANAGEMENT.

PLANTING PREPARATION: REMOVE ALL CONSTRUCTION DEBRIS, LIMEROCK, GRAVEL, ROAD BEDDING, LITTER, AND OTHER ITEMS POTENTIALLY DAMAGING TO PLANT GROWTH WITHIN PROPOSED LANDSCAPE AND TURF AREAS PRIOR TO PLANTING. MAINTAIN EXISTING GRADES UNLESS OTHERWISE APPROVED BY THE OWNER'S REPRESENTATIVE. IF FILL IS REQUIRED, USE A CLEAN, SANDY LOAM WITH pH 5.5-6.5 AND EXCAVATED FROM LOCAL SOURCES AND DEEP PITS SUCH THAT IT IS FREE OF WEEDS, SEEDS, LITTER, TOXINS,

PRUNING: IF TREE OR ROOT PRUNING IS REQUIRED, THESE ACTIVITIES SHALL BE PERFORMED BY AN ARBORIST CERTIFIED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA). PRUNING SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT VERSION OF THE AMERICAN NATIONAL STANDARD FOR TREE CARE OPERATIONS "TREE. SHRUB AND OTHER WOODY PLANT MAINTENANCE" (ANSI A300) AND "PRUNING. TRIMMING. REPAIRING. MAINTAINING, AND REMOVING TREES. AND CUTTING BRUSH—SAFETY REQUIREMENTS" (ANSI Z133). NO MORE THAN 25 PERCENT OF THE CROWN SHOULD BE REMOVED AT ONE TIME. ON YOUNG TREES, LIMB REMOVAL SHALL LEAVE NO MORE THAN 33 PERCENT OF THE TRUNK BARE OF BRANCHES. TREE AND/OR ROOT PRUNING ACTIVITIES FOR HIGH QUALITY HERITAGE TREES SHALL BE OVERSEEN DIRECTLY, ON SITE, BY AN ISA-CERTIFIED ARBORIST. MINIMIZE IMPACTS ON EXISTING TREE ROOTS AS MUCH AS POSSIBLE. AVOID TREE ROOT PLATE AREAS AS DEFINED BY PERMITTING AGENCIES. ALL ROOTS OF TREES TO REMAIN THAT ARE 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. SUPPLEMENTAL IRRIGATION IS REQUIRED FOR TREES THAT HAVE UNDERGONE ROOT PRUNING AND SHALL BE PROVIDED

7. MINIMUM PLANTING AREA: A MINIMUM ROOTZONE VOLUME OF 700 CUBIC FEET SHALL BE PROVIDED FOR STREET TREES. IF STREET TREES SHARE A ROOTZONE, VOLUME SHALL BE A MINIMUM OF 550 CUBIC FEET. ALL OTHER REQUIRED SHADE TREES SHALL BE HAVE A MINIMUM OF 420 CUBIC FEET OF ROOTZONE VOLUME. PROVIDE A MINIMUM THREE

8. PLANT MATERIAL, GENERAL: ALL PLANT MATERIALS SHALL MEET 'FLORIDA NUMBER 1' REQUIREMENTS AS PER THE MOST CURRENT EDITION OF 'FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS', FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.

9. PROPOSED TREES: ALL TREES TO BE A MINIMUM OF SEVEN FEET TALL AND HAVE A MINIMUM TRUNK CALIPER OF TWO INCHES. TREES SHALL BE IN 30-GALLON MINIMUM CONTAINERS OR, IF FIELD GROWN, HAVE A MINIMUM ROOTBALL DIAMETER OF 28 INCHES. NEW TREES LOCATED OUTSIDE OF LARGER PLANTING AREAS TO HAVE 10" OF PLASTIC DRAIN TUBING INSTALLED AROUND THE BASE OF THEIR TRUNK TO PROTECT FROM MOWER AND STRING TRIMMER IMPACTS.

NEW TREE STAKING: IF NECESSARY TO MAINTAIN TREES PLUMB, TREES SHALL BE STAKED WITH BIODEGRADABLE STAKING MATERIALS. PROPOSED STAKING METHOD TO BE

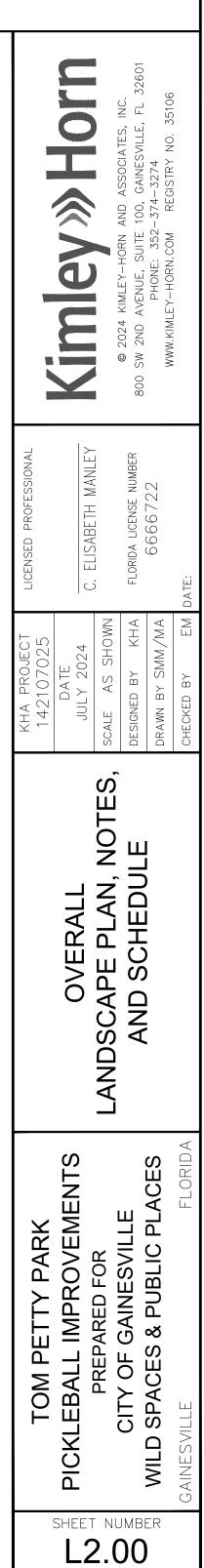
11. SOD: ALL UNPAVED AND DISTURBED AREAS OUTSIDE OF PROPOSED TREE, SHRUB, AND GROUNDCOVER PLANTINGS SHALL BE SODDED. SEE CIVIL PLANS FOR SODDING INFORMATION FOR STORMWATER FACILITIES. SOD SHALL BE SAND-GROWN, STRONGLY ROOTED, WITHOUT SYNTHETIC STABILIZING MATERIALS, FREE OF PESTS, AND CERTIFIED FREE OF NOXIOUS WEEDS BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF PLANT INDUSTRY.

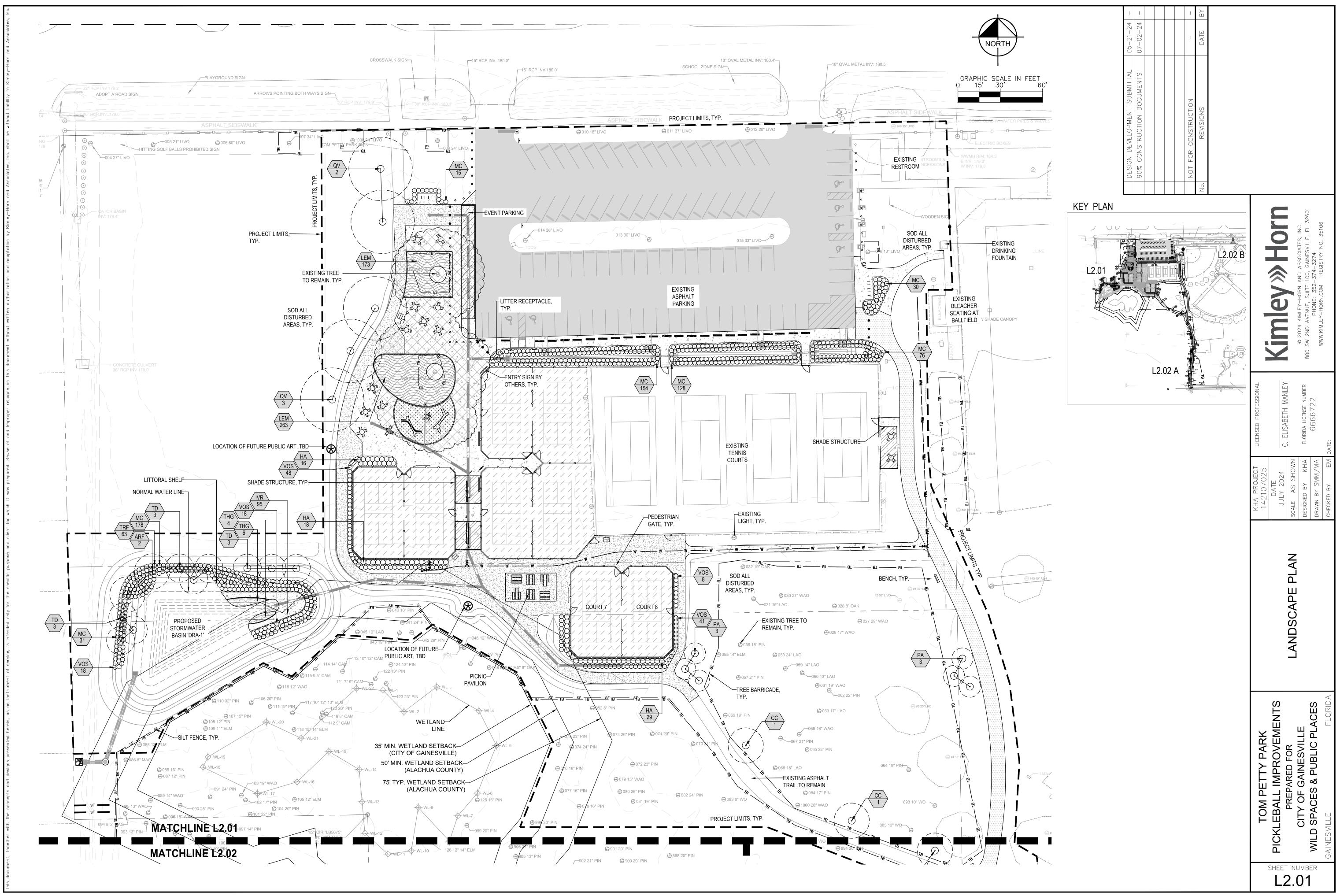
12. <u>MULCHING</u>: FOUR INCHES OF MULCH SHALL COVER TREE RING PLANTING AREAS AND ALL SHRUB AND GROUNDCOVER PLANTING AREAS. MULCH SHOULD BE NO DEEPER THAN ONE INCH OVER THE TOP OF TREE ROOTBALLS. USE PINE BARK 'MINI NUGGETS' MULCH IN ALL AREAS EXCEPT STORMWATER FACILITIES, IN WHICH PINE STRAW SHALL BE USED.

14. RESPONSIBILITY: OWNER IS RESPONSIBLE FOR THE SURVIVAL OF PLANTINGS AND REMOVAL OF ALL TREE STAKING, IF INSTALLED, FOR ONE YEAR FOLLOWING RECEIPT OF CERTIFICATE OF OCCUPANCY. IF A TREE THAT IS REQUIRED FOR MITIGATION OR TO FULFILL THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE DIES OR IS SEVERELY DAMAGED, AS DETERMINED BY THE CITY MANAGER OR DESIGNEE, THEN THE TREE MUST BE REPLACED WITHIN SIX MONTHS OF THE DETERMINATION.

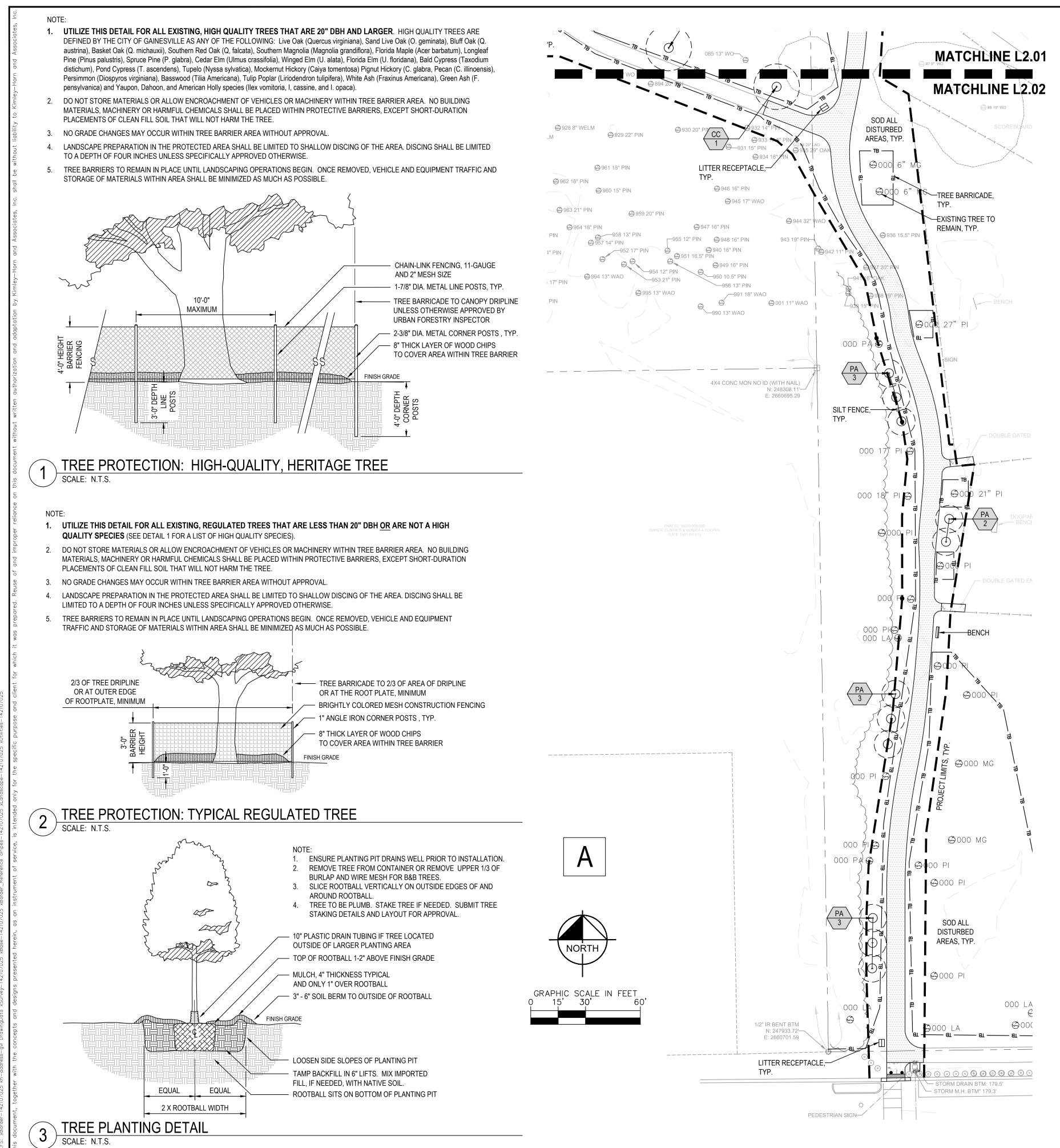
15. TRANSPORTATION MOBILITY PROGRAM AREA: THIS PROJECT IS LOCATED WITHIN ZONE A OF THE T.M.P.A. AS SUCH, STREET TREES TO MEET THIS POLICY ARE NOT REQUIRED. STREET TREES ARE REQUIRED BY OTHER LAND DEVELOPMENT REGULATIONS, HOWEVER - SEE LANDSCAPE CALCULATIONS.

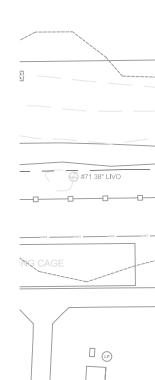






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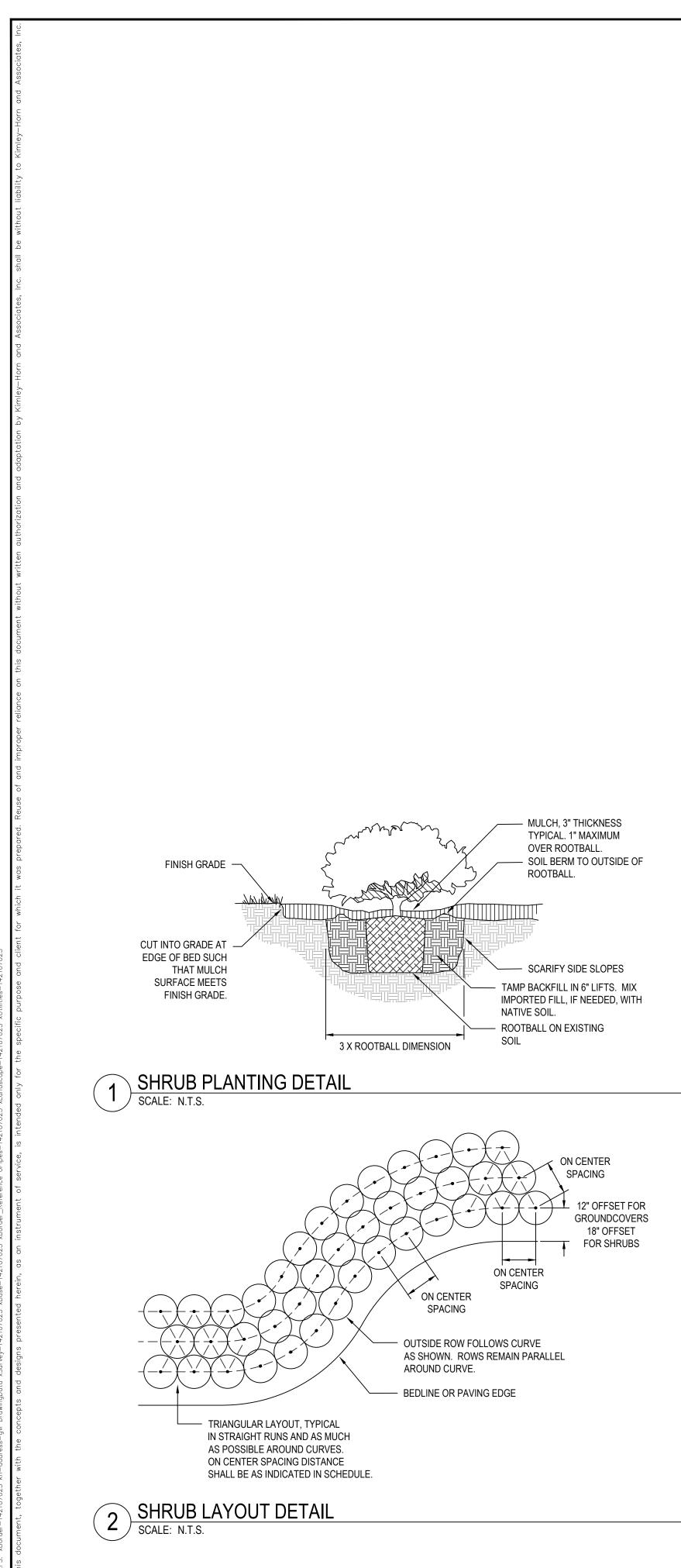




KEY PLAN

L2.01

	ON DEVELOPMENT SUBMITTAL 05-21-	90% CONSTRUCTION DUCUMENTS 0/-02-24 -	NOT FOR CONSTRUCTION	No. REVISIONS DATE BY		
20" CMP INV: 182.9 20" CMP INV: 182.9 20" CMP INV: 182.8 20" CMP INV: 182.8 0 0 0 0 0 0 0 0 0 0 0 0 0		GRAPHIC SC 15' 3		-	Kimlev»Horn	© 2024 KIMLEY-HORN AND ASSOCIAT 800 SW 2ND AVENUE, SUITE 100, GAINESVI PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM REGISTRY N
PROX. SHRUB LINE			0'	60'	KHA PROJECT 142107025 DATE JULY 2024 C. ELISABETH MANLEY	
					I ANDSCAPE PI AN AND	DETAILS
L2.02 A					DI TO SHEET	CITY OF GAINESVILLE WILD SPACES & PUBLIC PLACES GAINESVILLE



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# **CITY OF GAINESVILLE TREE MITIGATION CALCULATIONS** Sec. 30-8.7 *City Submittal No. 2*

CATEGORY 1 = TREE APPRAISED VALUE (T.A.V.) PAYMENT TREES

Per Sec. 30-8.7(D) table: "High quality heritage trees, in fair or better condition requires mitigation payment based on tree appraised value, limited to three trees per acre averaged over the entire site. If more than three trees per acre in this category are located on the site then the trees with the highest tree appraised value throughout the site shall be used to calculate the payment. High quality heritage trees proposed for removal in excess of the overall average of three per acre shall require mitigation trees on an inch-for-inch on a diameter basis." Per Sec. 30-2.1 Definitions: "High quality trees means any trees of the following species: Live Oak (Quercus virginiana), Sand Live Oak (O. geminata), Bluff Oak (Q. austrina), Basket Oak (Q. michauxii), Southern Red Oak (Q, falcata), Southern Magnolia (Magnolia grandiflora), Florida Maple (Acer barbatum), Longleaf Pine (Pinus palustris), Spruce Pine (P. glabra), Cedar Elm (Ulmus crassifolia), Winged Elm (U. alata), Florida Elm (U. floridana), Bald Cypress (Taxodium distichum), Pond Cypress (T. ascendens), Tupelo (Nyssa sylvatica), Mockernut Hickory (Caiya tomentosa/Pignut Hickory (C. glabra), Pecan (C. illinoensis), Persimmon (Diospyros virginiana), Basswood (Tilia Americana), Tulip Poplar (Liriodendron tulipifera), White Ash (Fraxinus Americana), Green Ash (F. pensylvanica) and Yaupon, Dahoon, and American Holly species (Ilex vomitoria, I, cassine, and I. opaca)." Note removal of trees in this category require a 'TAV' payment and cannot be addressed with proposed replacement trees.

TOTAL SITE AREA					5.19	ACRES	
MAX. T.A.V. TREES (3 per acre per code)					16	TREES	
TOTAL TREES IN CATEGORY TO BE REMOVED & MITIGATED (Listed below)						1	TREES
TREES BEYOND MAX. (If any, to be mitigated inch:inch - See Category 2)					0	TREE	
REMOVED A	APPRAISED TREES		1				
Tree No.	DBH/inches	Tree Type		T.A.V.			
38	32	Tupelo	\$	17,684.48			

TOTAL = \$ 17,684.48

# CATEGORY 2 = INCH:INCH REPLACEMENT

Per Sec. 30-8.7(D) table: "Heritage trees of other than high quality species, in fair or better condition, excluding laurel oaks and water oaks, requires mitigation trees on an inch-for-inch diameter basis." Per Sec. 30-2.1 Definitions: "Heritage trees means trees that are larger than 20 inches diameter breast height; except for Water Oaks (Quercus nigra), Laurel Oaks (Quercus hemispherica), Sweetgums (Liquidambar styraciflua), Loblolly Pine (Pinus taeda) and Slash Pine (Pinus elliottii), which become heritage trees only when they are larger than 30 inches diameter breast height."

1. Although Laurel Oaks and Water Oaks are considered heritage size over 30" DBH, they are not mitigated within Category 2 (INCH:INCH) per Sec. 30-8.7(D) table. See Category 3 for all Laurel Oaks and Water Oak mitigation.

2. Proposed trees can serve as replacement trees to meet mitigation of this category. If mitigation remains beyond proposed tree number, then the City allows payment of \$100/remaining replacement tree.
Converted to

Tree No.	Non-High Quality Heritage Tree Removed	DBH of Tree/Inches Required	Replacemen Tree (2"/tree	
	N/A		0	trees
	0	trees		

# CATEGORY 3 = 2:1 REPLACEMENT

Per Sec. 30-8.7(D) table: "Any heritage trees in less than fair or better condition; any heritage laurel oak or water oak; and any other regulated tree requires mitigation trees consisting of two trees of high quality shade species established for each tree removed." Per Sec. 30-2.1 Definitions: "Regulated trees means trees of eight inches or greater in diameter breast height or any tree that was planted in compliance with an approved development order or to mitigate the removal of a regulated tree. Slash and Loblolly Pines are not regulated until they reach 20 inches in diameter, except those that were preserved during development in order to meet a landscaping requirement, which are considered regulated regardless of size." Palms are considered a regulated tree if over 8" DBH per current practice. Note that proposed trees can serve as replacement trees to meet mitigation of this category. If mitigation remains beyond proposed tree number, then the City allows payment of \$100/remaining replacement tree.

NUMBER OF REGULATED TREES REMOVED (See list below)18treesTOTAL TREES REQUIRED FOR MITIGATION AT 2:1 REPLACEMENT36trees

TOTAL ANTICIPATED TREE MITIGATION		
CATEGORY 1 = TREE APPRAISED VALUE TREE PAYMENT REQUIREMENTS	\$ 17,684.48	subtotal
CATETORY 2 = INCH:INCH REPLACEMENT REQUIREMENTS	0	trees
CATETORY 3 = 2:1 REPLACEMENT REQUIREMENTS	36	trees
TOTAL REQUIRED REPLACEMENT TREES (CAT. 2 + 3)	36	trees
NO. OF REPLACEMENT TREES PROPOSED IN DEVELOPMENT, CODE-MINIMUM	36	trees
REMAINING REQUIRED MITIGATION REPLACEMENT TREES	0	trees
REMAINING MITIGATION REPLACEMENT TREES AS PAYMENT (\$100/REPLACMENT TREE)	\$ -	subtotal
TOTAL MITIGATION BASED ON ABOVE	\$ 17,684.48	total *
* PAYMENT SHALL BE MADE PRIOR TO RECEIPT OF DEVELOPMENT ORDER.		

# LDC SEC. 30-8.6. spacing of 10 feet. or aquatic plants.

REQUIREN 1 HQS Tree / 35 LF

25% Littoral Area ir

TREE SPECIES DIVERSITY LDC SEC. 30-8.3.A.6. Developments which require 16 or more shade trees shall have at least four different high quality shade tree species.

-24 -
07-02-24
90% CONSTRUCTION DOCUMENTS

# STORMWATER MANAGEMENT FACILITY

LDC SEC. 30-8.6. 1 High quality shade trees per 35 linear feet (on average) of basin perimeter with minimum tree spacing of 10 feet. 25% of planting area/littoral zone shall be landscaped with shrubs, groundcovers, native perennials, areavatic plante.

BASIN 1									
EMENT	Perimeter (LF)	Trees Required	PROVIDED						
F Perimeter	446	12.7	11 trees + 2 existing						
	Area (SF)	25% Area							
in Landscape	5628	1407.0	3100 SF shrubs						

Shade Trees Required	Species Provided
36	5

	Kimlev » Horn		© 2024 KIMLET-HUKN ANU ASSUCIATES, INC. 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601	PHONE: 352–374–3274 www.kimley-horn.com registry no. 35106	
LICENSED PROFESSIONAL	C FLISABETH MANLEY		FLORIDA LICENSE NUMBER	6666/22	EM DATE:
КНА РКОЈЕСТ 142107025	DATE JULY 2024	SCALE AS SHOWN	DESIGNED BY KHA	DRAWN BY SMM/MA	снескер ву ЕМ
	I ANDSCAPE DETAILS AND		CALCULATIONS		
TOM PETTY PARK	PICKLEBALL IMPROVEMENTS		CITY OF GAINESVILLE	WILD SPACES & PUBLIC PLACES	GAINESVILLE FLORIDA
	SHEET		л ЭМВІ ЭЗ		

<ul> <li>TECHNICAL SPECIFICATIONS - PLANTING, SECTION 329000</li> <li>PART 1 - GENERAL         <ol> <li>SUMMARY</li></ol></li></ul>	ANCE FOR PROPOSED TURF AND LANDSCAPE PLANTING ACTIVITIES. SUBMITTALS SHALL
<ul> <li>1.1 SUMMARY         <ul> <li>A. PROVIDE ALL LABOR, EQUIPMENT AND INCIDENTALS REQUIRED TO RENDER ALL SERVICES AND LANDSCAPE PROPOSED WITHIN THE PROJECT AREA AS DEFINED ON PLANS.</li> <li>B. WORK WILL INCLUDE BUT IS NOT LIMITED TO PREPARATION, INSTALLATION, AND MAINTENA MATERIAL.</li> <li>1.2 SUBMITTALS</li> </ul> </li> </ul>	ANCE FOR PROPOSED TURF AND LANDSCAPE PLANTING ACTIVITIES. SUBMITTALS SHALL
A. PROVIDE ALL LABOR, EQUIPMENT AND INCIDENTALS REQUIRED TO RENDER ALL SERVICES AND LANDSCAPE PROPOSED WITHIN THE PROJECT AREA AS DEFINED ON PLANS. B. WORK WILL INCLUDE BUT IS NOT LIMITED TO PREPARATION, INSTALLATION, AND MAINTENA MATERIAL. 1.2 SUBMITTALS	ANCE FOR PROPOSED TURF AND LANDSCAPE PLANTING ACTIVITIES. SUBMITTALS SHALL
A. PROVIDE TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO ANY INCLUDE:	THE FLORIDA NURSERY, GROWERS, AND
A. PROVIDE TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO ANY INCLUDE: 1. A COPY OF CURRENT CERTIFICATE AS A CERTIFIED LANDSCAPE CONTRACTOR BY LANDSCAPE ASSOCIATION (FNGLA).	
2. A COPY OF CURRENT PEST CONTROL LICENSE (ROW, ORNAMENTAL AND/OR AQUA 3. CERTIFICATION BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER APPLICATOR PER 5E-14.117(18) F.A.C.	
4. MANUFACTURER'S LABELS OR INFORMATION FOR ANY COMPONENTS INCORPORA	TED INTO THIS PROJECT, INCLUDING BUT NOT
5. IF IMPORTED FILL IS REQUIRED TO AUGMENT EXISTING CONDITIONS FOR PLANTIN PRODUCTS SECTION. PROVIDE A SOIL ANALYSIS THROUGH THE UNIVERSITY OF F FOR EACH FILL SOURCE AND INCLUDING INCLUDE A WRITTEN REPORT CONTAINING RECOMMENDATIONS FOR EACH SOURCE.	LORIDA EXTENSION SOIL TESTING LABORATORY
6. SCHEDULE OF VALUES: PRIOR TO THE COMMENCEMENT OF THE WORK, SUBMIT IN MATERIALS (MULCH SHALL BE INCLUDED IN THE INSTALLED UNIT PRICING) AND SC EQUAL THE TOTAL CONTRACT PRICE FOR LANDSCAPE INSTALLATION.	
C         TYPEWRITTEN INSTRUCTIONS PROVIDING A MAINTENANCE SCHEDULE AND ALL M.	
MAINTAIN THE PLANTINGS DURING AND FOLLOWING INSTALLATION, AS SPECIFIED 8. WRITTEN WARRANTIES AS SPECIFIED BELOW. 9. RECORD DRAWINGS: FURNISH ONE SET OF RECORD DRAWINGS THAT CLEARLY SP	
CONTRACT DRAWINGS DURING THE COURSE OF THE WORK. DRAWINGS SHALL BE LEGIBLE AND TO SCALE.	- PROVIDED IN PDF FILE FORMAT AND TO BE FULLY
A. ALL WORK SHALL BE PERFORMED BY A FNGLA CERTIFIED LANDSCAPE CONTRACTOR (FCLO SIMILAR IN SCOPE, MATERIAL, DESIGN, AND EXTENT TO THAT AS INDICATED FOR THIS PRO AND SHRUB ESTABLISHMENT. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN FCLC CERT B. PRUNING AND TRIMMING, IF REQUIRED, SHALL BE PERFORMED BY A CERTIFIED ARBORIST,	JECT AND WITH A RECORD OF SUCCESSFUL TREE TIFICATION UNDER FNGLA.
<ul> <li>OF ARBORICULTURE (ISA).</li> <li>C. ALL PLANT MATERIAL TO COMPLY WITH 'FLORIDA #1' GRADE QUALITY STANDARD AS DEFIN OF THE 'FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS' PUBLISHED BY THE FL CONSUMER SERVICES, DIVISION OF PLANT INDUSTRIES. PROVIDE HEALTHY, VIGOROUS ST ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES AND FREE OF DISEASE, INSECTS, SUN-SCALED, INJURIES, ABRASIONS, OR DISFIGUREMENT.</li> </ul>	ORIDA DEPARTMENT OF AGRICULTURE AND FOCK GROWN IN A RECOGNIZED NURSERY IN
D. UNSATISFACTORY OR DEFECTIVE MATERIAL MAY BE REJECTED AT ANY TIME, AND REJECT FROM THE PROJECT SITE.	ED MATERIAL SHALL BE REMOVED IMMEDIATELY
E. CONTRACTOR SHALL MAINTAIN AND EXPERIENCED, FULL-TIME SUPERVISOR ON THE PROJE F. SUBSTITUTIONS WILL NOT BE ACCEPTED UNLESS PROOF OF NON-AVAILABILITY OR EVIDEN TO ORDERING AND/OR INSTALLATION. CONTRACTOR TO SUBMIT A SUBSTITUTION REQUES REVIEW AND APPROVAL PRIOR TO ORDERING, DELIVERY, OR INSTALLATION OF MATERIAL. THE ISSUE WITH THE SPECIFIED MATERIAL AND PROPOSE ALTERNATIVE, EQUAL MATERIAL ALTERNATIVE MATERIAL S SHALL INCLUDE SCIENTIFIC NAME. COMMON NAME, SIZE, AND SCIENTIFIC NAME.	ICE OF 'EQUAL' STATUS IS DEMONSTRATED PRIOR ST TO THE OWNER'S REPRESENTATIVE FOR THE SUBSTITUTION REQUEST SHALL IDENTIFY .(S). INFORMATION TO BE PROVIDED REGARDING
G. PACKAGE STANDARD PRODUCTS WITH MANUFACTURER'S CERTIFIED ANALYSIS OR ANALYSIS 1.4 CONTRACTOR REQUIREMENTS	SIS BY RECOGNIZED LABORATORY.
A. PROVIDE ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY FOR COMPLETION OF WOR	
B. OBTAIN ALL NECESSARY PERMITS, LICENSES, AND NOTIFICATIONS AND PAY FEES NECESSC. COMPLY WITH ALL APPLICABLE CODES.D. COORDINATE WITH OTHER TRADES WORKING ON THE PROJECT DURING PLANTING ACTIVITE. COORDINATE WITH OTHER TRADES WORKING ON THE PROJECT DURING PLANTING ACTIVITE. COORDINATION SHALL OCCUR WITH OTHER CONTRACTORS OR PROJECTS OCCURRING OF	-
<ul> <li>F. IDENTIFY AND VERIFY THE LOCATION OF ALL UTILITIES WITHIN PROPOSED PLANTING AREA ONE CALL OF FLORIDA, INC. AS REQUIRED BY CHAPTER 556 OF FLORIDA STATUTES PRIOR</li> <li>G. PROVIDE SAFE STORAGE FOR ALL EQUIPMENT AND MATERIALS. STORAGE OF SUCH ITEMS</li> <li>H. REPAIR, AT NO COST TO THE OWNER, ANY DAMAGE OCCURRING DUE TO CONTRACTOR NE FURNISHINGS, HARDSCAPE, LANDSCAPE, OR OTHER ELEMENTS TO REMAIN. ANY DAMAGE</li> </ul>	AS. CONTRACTOR TO CONTACT SUNSHINE STATE TO ANY EXCAVATION OR PLANTING ACTIVITIES. IS AT THE CONTRACTOR'S RISK. GLIGENCE TO EXISTING UTILITIES, STRUCTURES, D WORK SHALL BE REPAIRED AS PER PLANS,
OTHER SPECIFICATIONS SECTIONS, OR AS INSTRUCTED BY THE OWNER'S REPRESENTATION I. MAINTENANCE DURING INSTALLATION AND UNTIL FINAL ACCEPTANCE.	/Ε.
1.5 WARRANTY A. EXISTING LANDSCAPE AND VEGETATION	
1. ALL EXISTING LANDSCAPE AND TURF TO REMAIN SHALL BE PROTECTED DURING C	CONSTRUCTION ACTIVITIES.
1. WARRANTY SHRUBS AND GROUNDCOVER FOR A PERIOD OF TWELVE (12) MONTHS AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH, EXCEPT F OWNER, ABUSE, DAMAGE BY OTHERS, OR UNUSUAL PHENOMENA OR INCIDENTS V	OR THAT WHICH IS A RESULT OF NEGLECT BY
2. REMOVE AND REPLACE ANY LANDSCAPE MATERIAL FOUND TO BE DEAD OR IN UNI	HEALTHY CONDITION DURING WARRANTY PERIOD.
1. WARRANTY ALL GRASS FOR A PERIOD OF SIX (6) MONTHS AFTER SUBSTANTIAL CO AND UNSATISFACTORY GROWTH, AS DETERMINED BY THE OWNER'S REPRESENTA NEGLECT BY THE OWNER, ABUSE OR DAMAGE BY OTHERS, OR THE UNUSUAL PHE CONTRACTOR'S CONTROL.	ATIVE, EXCEPT FOR DEFECTS RESULTING FROM
2. REMOVE AND REPLACE ALL TURF FOUND TO BE DEAD OR IN AN UNHEALTHY CONE DETERMINED BY THE OWNER'S REPRESENTATIVE.	DITION DURING WARRANTY PERIOD AS
6       ADDITIONAL COST TO OWNER.	
SAME PERIOD AS LISTED FOR NEW MATERIAL, ABOVE, FROM THE DATE OF REPLACEMENT. EXCEPT FOR LOSSES OR REPLACEMENTS DUE TO FAILURE TO COMPLY WITH SPECIFIED R	ONLY ONE REPLACEMENT WILL BE REQUIRED EQUIREMENTS.
SHALL BE RESPONSIBLE FOR NOTIFYING THE OWNER, IN WRITING, THIRTY (30) DAYS PRIOF WHICH TIME THE OWNER HAS THE OPTION TO PERFORM AN END OF WARRANTY INSPECTION DATE OF THE WARRANTY PERIOD SHALL CAUSE THE WARRANTY PERIOD TO EXTEND UNTIL OWNER THE REQUIRED 30 DAYS' NOTICE.	R TO THE END OF THE WARRANTY PERIOD, AT DN. FAILURE TO NOTIFY THE OWNER OF THE END
A. PACKAGED MATERIALS: DELIVER PACKAGED MATERIALS IN CONTAINERS SHOWING WEIGH MANUFACTURER. PROTECT MATERIALS FROM DETERIORATION DURING DELIVERY AND WH	ILE STORED AT SITE.
C. PLANTS: DO NOT PRUNE PRIOR TO DELIVERY UNLESS OTHERWISE APPROVED BY THE OW BIND-TIE SHRUBS IN SUCH A MANNER AS TO DAMAGE BARK, BREAK BRANCHES, OF DESTRY COVERING DURING DELIVERY. DELIVER PLANTS AFTER PREPARATIONS FOR PLANTING HAN PLANTING IS DELAYED MORE THAN SIX (6) HOURS AFTER DELIVERY, SET PLANTS IN SHADE DAMAGE, AND KEEP ROOTS MOIST BY COVERING WITH MULCH, BURLAP OR OTHER ACCEPT REMOVE CONTAINER-GROWN STOCK FROM CONTAINERS UNTIL PLANTING TIME. HANDLE F	OY NATURAL SHAPE. PROVIDE PROTECTIVE /E BEEN COMPLETED AND PLANT IMMEDIATELY. IF , PROTECT FROM WEATHER AND MECHANICAL TABLE MEANS OF RETAINING MOISTURE. DO NOT

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# PART 1 - GENERAL, CON'T

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 LIMEROCK OR PAVING BASE MATERIAL, ASPHALT, AND CONCRETE, AND OTHER EXTRANEOUS 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 OWNNER'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 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 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 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
- D. SHROBS AND GROUNDCOVERS. IF PERMISSIBLE BY SECTION C. ABOVE, UTILIZE A ROOT STARTER OR EQUIVALENT SLOW RELEASE PERTILIZER 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, LIMEROCK, 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.
- 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, CON'T

- 3.2 TREE BARRIERS AND EXISTING TR
- A. REFER TO NOTES ON DEMOLITIC B. MINIMIZE IMPACTS ON EXISTING
- C. ALL ROOTS OF TREES TO REMAI
- EXPOSE ROOTS BY HAND DIGGIN D. SUPPLEMENTAL IRRIGATION IS R
- FOLLOWING PRUNING AND CONT 3.3 PLANTING
- A. PLANT TREES, SHRUBS, AND GRO AUTHORIZED BY OWNER'S REPRI AND PROMPTLY REPAIR DAMAGE
- B. LAY OUT INDIVIDUAL PLANT LOCA UNLESS OTHERWISE SPECIFIED I REPRESENTATIVE'S ACCEPTANC
- C. EXCAVATE PITS, BEDS, AND TRE LOOSEN HARD SUBSOIL IN BOTT
- D. FILL EXCAVATIONS FOR SHRUBS OWNER'S REPRESENTATIVE PRIO
- E. REMOVE PLANT MATERIAL FROM MATERIAL STOCK IN CENTER OF
- F. REMOVE ANY SYNTHETIC OR STR
- G. ENSURE PLANT MATERIAL IS PLU
- H. PLACE BACKFILL AROUND BASE ROOTBALL REMAINS 1-2" ABOVE REMAINDER OF BACKFILL. REPE
- I. DISH TOP OF BACKFILL FOR TREE J. ALL PLANT MATERIAL SHALL BE F CODE. MIX OR APPLY FERTILIZEF AND NOT DIRECTLY ON STEMS O MANUFACTURER. DELAY MIXING SPILL FERTILIZER ON IMPERVIOU SPILLED FERTILIZER INTO DRAINS
- K. APPLY PRE-EMERGENT HERBICIEL. MULCH PITS, TRENCHES, AND PLA OF MULCH SHOULD MEET ADJAC
- M. WATER THOROUGHLY AFTER PLA N. GUY AND STAKE TREES AND PALM

# 3.4 SODDING NEW LAWNS

- A. ENSURE GRADE IS SMOOTH AND DEPRESSIONS AS REQUIRED TO
- B. LAY SOD WITHIN 24 HOURS FROM C. MOISTEN PREPARED LAWN AREA
- LAWNS. DO NOT CREATE A MUDD D. APPLY SPECIFIED COMMERCIAL F THOROUGHLY MIX INTO UPPER TV FOLLOW WITHIN A FEW DAYS. SPF APPLY OR SPILL FERTILIZER ON IT EXCESS OR SPILLED FERTILIZER
- E. LAY SOD TO FORM A SOLID MASS JOINTS IN ADJACENT COURSES.
- F. ANCHOR SOD ON SLOPES GREA G. AVOID DAMAGE TO SUBGRADE C
- H. WATER SOD THOROUGHLY WITH
- 3.5 CLEANUP A. MAINTAIN WORK AREAS IN AN OR

# EQUIPMENT, AND EXTRANEOUS S DISPOSE OF MATERIALS AS DIREC

- 3.6 NEW PLANT PROTECTION A. PROTECT LANDSCAPE WORK ANI THROUGHOUT THE MAINTENANC
- B. TREES WHICH ARE TO REMAIN IN CONTRACTOR.
- C. DO NOT PERMIT HEAVY EQUIPMEN WITHOUT INJURY TO TRUNKS.
- 3.7 MAINTENANCE

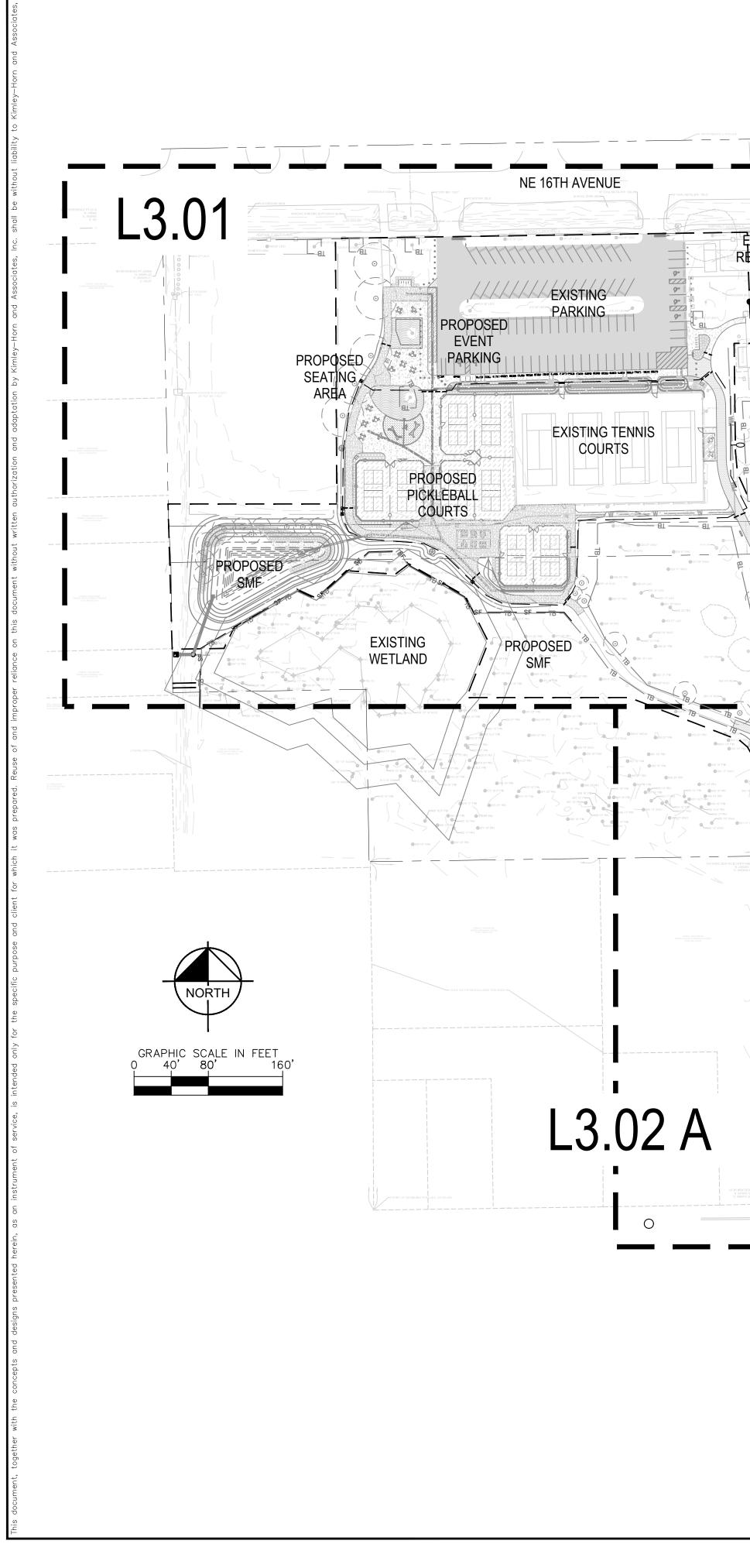
# A. MAINTENANCE ACTIVITIES SHALL 1. WEEDING: MAINTAIN PL

- 2. MULCHING: MAINTAIN M
- 3. PEST CONTROL: SPRAY
- 4. MOWING: MOW TURF A
- 5. REPLACEMENT: REPLA
- 6. LITTER REMOVAL: REMO
- 7. RESTORE PLANTING SA
- 8. TIGHTEN AND REPAIR S
- POSITION AS REQUIRED

# 9. REMOVE ALL TREE STAI 3.8 REPLACEMENT OF EXISTING LANDS A. ANY EXISTING VEGETATION, INC

- LIKE SPECIES OR ANOTHER SPEC CONSTRUCTION WILL BE RESTOR
- B. IF REMOVAL OF AN EXISTING TRI
- LIMITED TO TREE REPLACEMENT C. TREE REPLACEMENT SPECIES AN
- REPRESENTATIVE PRIOR TO COM 3.9 INSPECTION AND ACCEPTANCE
- A. WHEN ALL LANDSCAPE WORK IS INSPECTION TO DETERMINE ACC WRITTEN PUNCH LIST FOR THE C ACCEPTANCE.
- B. ONCE ITEMS OF THE PUNCH LIST THE OWNER'S REPRESENTATIVE ADDRESSED PRIOR TO FINAL ACC
- C. FINAL ACCEPTANCE WILL NOT BE HAVE BEEN MADE.
- D. WORK MAY BE INSPECTED FOR A REPRESENTATIVE, PROVIDED EA

05-21-24 - 07-02-24 - 07-D2-24 - DATE BY	
EE PROTECTION	
TREE ROOTS AS MUCH AS POSSIBLE. AVOID TREE ROOT PLATE AREAS AS DEFINED BY PERMITTING AGENCIES.	
N THAT ARE IMMEDIATELY ADJACENT TO EXTENSIVE EXCAVATION AND ARE 1" DIAMETER OR OVER SHALL BE HAND CUT. IG, HAND CUT OR SAW CLEANLY, AND IMMEDIATELY COVER WITH SOIL. DO NOT ALLOW CUT ROOTS TO DRY OUT.	
EQUIRED FOR TREES THAT HAVE UNDERGONE ROOT PRUNING. PROVIDE SUPPLEMENTAL IRRIGATION IN EDIATELY INUE THROUGH CONSTRUCTION.	
DUNDCOVER AFTER FINAL GRADES ARE ESTABLISHED AND PRIOR TO PLANTING F AWNS UNLESS OTHERWISE ESENTATIVE. IF PLANTING OF TREES AND SHRUBS OCCURS AFTER INSTALLATION OF LAWNS, PROTECT LAWNAREAS E CAUSED BY LANDSCAPE INSTALLATION.	
ATIONS AND AREAS FOR MULTIPLE PLANTINGS. TRIANGLE SPACING SHALL BE USED FOR SHRUBS AND GROUNDCOVERS IN PLANS OR BY OWNER'S REPRESENTATIVE. OUTLINE AREAS AND SECURE OWNERS REPRESENTATIVE'S OR OWNER E BEFORE START OF PLANTING WORK. MAKE MINOR ADJUSTMENTS AS MAY BE BEOWRED.	
NCHES SUCH THAT PITS ARE AS DEEP AS THE PLANT'S ROOTBALL AND 1.5 TIMES HEDIAMETER OF THE REOTBALL.	
WITH WATER AND ALLOW WATER TO PERCOLATE OUT PRIOR TO PLANTING. N <mark>DTIEY OWNER'S REPRESENTATI∀E DR</mark> DR TO PLANTING IF PITS DO NOT DRAIN PRIOR TO PLANTING.	
CONTAINER. LIFT TREES AND SHRUBS BY THE ROOTBALL AND NOT BY THE TRUNK OR MAIN STEM. SET PLANT PIT OR TRENCH WITH TOP OF BALL AT 1-2" ABOVE ADJACENT FINISH LANDSCAPE GRADES. RAPPING MATERIAL PRIOR TO SETTING PLANT MATERIAL INTO PLANTING PIT OR TRENCH.	INC. FL 32601 35106
IMB. AND SIDES OF BALL AND WORK IN EACH LAYER TO SETTLE BACKFILL AND ELIMINATE VOIDS AND AIR POCKETS. ENSURE	ES, IN LLE, FI
AND SIDES OF BALL AND WORK IN EACH LATER TO SETTLE BACKFILL AND ELIMINATE VOIDS AND AIR FOCKETS. ENSURE ADJACENT FINISH GRADE. WHEN EXCAVATION IS APPROXIMATELY 2/3 FULL, WATER THOROUGHLY BEFORE PLACING AT WATERING UNTIL NO MORE WATER IS ABSORBED. WATER AGAIN AFTER PLACING FINAL LAYER OF BACKFILL. ES AND PALMS TO ALLOW FOR MULCHING.	ASSOCIATES, GAINESVILLE -3274 GISTRY NO.
The finite formed formed of the second secon	© 2024 KIMLEY-HORN AND AND AND AND AND AND AND AND AND AN
EVEN WITH A LOOSE, UNIFORM TEXTURE. ROLL, RAKE AND DRAG PROPOSED LAWN AREAS, REMOVE RIDGES, AND FILL MEET FINISH GRADES AND PROVIDE AN EVEN SURFACE FOR SOD INSTALLATION. / TIME OF STRIPPING.	LEY ER
AS BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE MOISTURE TO DRY BEFORE PLANTING	ESSIONAL MANLEY E NUMBER 22
DY SOIL CONDITION. FERTILIZER IF WITHING THE ALLOWABLE FERTILIZING TIME WINDOW PER COUNTY CODE. APLY AT RATES SPECIFIED AND WO INCHES OF SOIL IN AREAS OF PROPOSED SOD. DELAY APPLICATION OF FERTILIZER IF LAWN PLANTING WILL NOT READER DEFLECTOR SHIELDS ARE REQUIRED WHEN FERTILIZING VIA ROTARY/BROADCAST SPREADERS. DO NOT IMPERVIOUS SURFACES- IMMEDIATELY CLEAN OFF AND/OR CONTAIN IF SO. DO NOT WASH, SWEEP, OR BLOW OFF INTO DRAINS, STORMWATER DITCHES OR PONDS, OR OTHER WATER BODIES OR CONVEYANCE SYSTEMS. S WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD STRIPS. DO NOT OVERLAP. STAGGER STRIPS TO OFFSET	LICENSED PROFE C. ELISABETH N FLORIDA LICENSE 666672 DATE:
TAP SOD FIRMLY IN PLACE ONCE LAID. TER THAN 3:1 WITH WOOD PEGS TO PREVENT SLIPPAGE, IF NEEDED. IR SOD DUE TO INSTALLATION ACTIVITIES.	ROJECT 7025 TE 2024 S SHOWN 3Y KHA SMM/MA SMM/MA
A FINE SPRAY IMMEDIATELY AFTER PLANTING.	PR DA DA BY BY DB
RDERLY CONDITION. KEEP PAVEMENTS AND ADJACENT SITE AREAS CLEAN. REMOVE ALL POTS, LITTER, TOOLS, SOIL, SOD, OR MATERIALS AT THE END OF EACH WORK DAY. STORE MATERIALS AND EQUIPMENT WHERE DIRECTED. CTED.	KHA 1 1421 JUL SCALE DESIGNED DRAWN B CHECKED
D MATERIALS FROM DAMAGE DURING CONSTRUCTION. MAINTAIN PROTECTION DURING INSTALLATION AND E PERIOD. TREAT, REPAIR, OR REPLACE DAMAGED LANDSCAPE WORK AS DIRECTED. I THE CONSTRUCTION AREA SHALL BE PROTECTED FROM DAMAGE THROUGHOUT THE CONSTRUCTION PROCESS BY THE	IICAL S
ENT OR STOCKPILES WITHIN THE DRIP LINE OF EXISTING OR NEWLY PLANTED TREES. REMOVE INTERFERING BRANCHES	TECHNIC
INCLUDE THE FOLLOWING ACTIVITIES DURING CONSTRUCTION AND UNTIL FINAL ACCEPTANCE: ANTINGS AND TURF AS WEED FREE.	· ()
IULCH AT TREES, PALMS, AND WITHIN PLANTING BEDS AT A 3" DEPTH. AS REQUIRED TO KEEP PLANTINGS AND TURF FREE OF INSECTS AND DISEASE.	ANDSCAPE '
REAS AS NEEDED OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.	PE
CE PLANTS OR SOD AREAS THAT ARE IN POOR CONDITION.	S ID
OVE LITTER AND DEBRIS FROM LANDSCAPE AND TURF AREAS. UCERS OF TREES AND SHRUBS. TAKE AND GUY WIRE SUPPORTS, IF PRESENT, AND RESET TREES AND SHRUBS TO PROPER GRADES OF VERTICAL	LAN
	$\checkmark$
KING, IF PRESENT, WITHIN ONE YEAR AFTER PLANTING. CAPE DAMAGED DURING PROJECT LUDING TREES AND SHRUBS, DAMAGED OR DESTROYED SHALL BE REPLACED OR MITIGATED BY THE CONTRACTOR WITH CIES APPROVED BY THE OWNER'S REPRESENTATIVE. ANY AREA OF VEGETATION THAT IS DAMAGED DURING RED TO ITS ORIGINAL STATE WITHIN 72 HOURS OF THE COMPLETION OF THE ASSOCIATED CONSTRUCTION WORK. EE REQUIRES MITIGATION, THE CONTRACTOR SHALL BE HELD LIABLE FOR THE COMPLETE COST, INCLUDING BUT NOT COSTS AND PAYMENTS REQUIRED TO PERMITTING AGENCIES. ND PROCEDURES SHALL BE DISCUSSED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE AND OWNER'S MMENCEMENT OF ACTIVITIES.	PARK OVEMENTS FOR ESVILLE BLIC PLACES FLORID
SUBSTANTIALLY COMPLETE, THE OWNER'S REPRESENTATIVE WILL, UPON REQUEST, MAKE A SUBSTANTIAL COMPLETION EPTABILITY AND COMPLIANCE WITH THE CONTRACT DOCUMENTS. THE OWNER'S REPRESENTATIVE WILL PRODUCE A CONTRACTOR AND OWNER'S REPRESENTATIVE TO IDENTIFY ITEMS THAT SHALL BE ADDRESSED PRIOR TO FINAL	ES ES
ARE ADDRESSED, THE OWNER'S REPRESENTATIVE WILL CONDUCT A FINAL COMPLETION INSPECTION. IF NECESSARY, WILL PRODUCE A FINAL PUNCH LIST FOR THE CONTRACTOR AND OWNER'S REPRESENTATIVE TO IDENTIFY ITEMS TO BE CEPTANCE. E ISSUED UNTIL ALL PUNCH LIST ITEMS HAVE BEEN COMPLETED AND ACCEPTED BY THE OWNER AND ALL SUBMITTALS	TOM P PICKLEBALL PREF CITY OF WILD SPACES
ACCEPTANCE IN PORTIONS AS PHASES OF INSTALLATION ARE COMPLETED AND AS AGREEABLE TO THE OWNER'S ACCEPTANCE IN OF WORK OFFERED FOR INSPECTION IS SUBSTANTIALLY COMPLETE.	SHEET NUMBER
END OF SECTION	L2.04



# EXISTING RESTROOM L3.02 B EXISTING BALLFIELD **\PROJECT** \ AREA EXISTING OFF-LEASH DOG AREA

NE 13TH AVENUE

# **IRRIGATION SCHEDULE - PROPOSI**

2" CL 200 SOLVENT WELD PVC MAIN LINE TWISTED SHIELDED 2-WIRE COMMUNICATION WIRE #14/1 U.L. U.F.JACKETED VALVE WIRES CL200 SOLVENT WELD PVC ZONE PIPING SCHEDULE 40 PVC SLEEVES 5/8" COPPER CLAD GROUND RODS HUNTER ICV-101 AND ICV-151 VALVES NIBCO ISOLATION VALVES DBT WIRE CONNECTOR KITS

HUNTER PRS-04-PRS30 SPRINKLERS WITH 5-Q NOZZLES (TREES)

AMETEK JUMBO VALVE BOXES

# GENERAL IRRIGATION NOTES

- IRRIGATION DURING CONSTRUCTION.
- 3. PROPOSED TREES TO BE SERVED BY MICRO-SPRAYS, ONE PER TREE.
- PROJECT AREA.
- VEGETATED GROUPINGS AND PLANT WATER REQUIREMENTS.

• TURF WILL NOT BE IRRIGATED.



SED PRODUCTS	SUBMITTAL
E	MENT

HUNTER HDL-COP DRIP TUBING (SHRUBS AND GROUND COVER.

1. THERE IS AN EXISTING IRRIGATION SYSTEM ON SITE THAT SERVES THE EXISTING BASEBALL FIELDS. IT IS SERVED BY A 4" WELL LOCATED BETWEEN THE NORTHERNMOST BASEBALL FIELDS, IS A TWO-WIRE SYSTEM, AND INCLUDES A 2" MAINLINE. AS-BUILT IRRIGATION PLANS WILL BE PROVIDED FOR REFERENCE AT THE PRECONSTRUCTION CONFERENCE. PROTECT EXISTING

2. THE POINT OF CONNECTION FOR THIS PROJECT'S IRRIGATION SYSTEM WILL BE THE EXISTING 2" MAINLINE OF THE EXISTING IRRIGATION SYSTEM, IN THE GENERAL LOCATION OF EXISTING VALVE NO.S 19-21 WEST OF THE MOST WESTERN BASEBALL FIELD.

4. PROPOSED SHRUB, ORNAMENTAL GRASS, AND GROUNCOVER ARESA TO BE SERVED BY COPPER INFUSED DRIP-TUBING.

5. PROPOSED IRRIGATION IS A PERMANENT SYSTEM AND SERVES LESS THAN 50% OF THE TOTAL PERMEABLE AREA OF THE

6. CONTRACTOR IS RESPONSIBLE FOR APPLYING, MANAGING, AND SUBMITTING FOR AN IRRIGATION PERMIT AT THE START OF CONSTRUCTION. REFERENCE ALACHUA COUNTY ENVIRONMENTAL PROTECTION DEPARTMENT REQUIREMENTS AND APPLY THROUGH THE ONLINE ALACHUA COUNTY IRRIGATION PROFESSIONAL PORTAL- SEE NOTES BELOW. THE IRRIGATION SYSTEM SHALL COMPLY WITH THE LANDSCAPE IRRIGATION DESIGN AND MAINTENANCE STANDARDS FOUND IN ALACHUA COUNTY LAND DEVELOPMENT CODE ARTICLE II OF PART II, TITLE 7, CHAPTER 79.61 OF THE ALACHUA COUNTY CODE, WHICH, AMONG ADDITIONAL DESIGN STANDARDS, REQUIRES THE FOLLOWING. FOR MORE INFORMATION, CONTACT THE ALACHUA COUNTY ENVIRONMENTAL PROTECTION DEPARTMENT AT 352-264-6800. · IRRIGATION ZONES SHALL BE DIVIDED ACCORDING TO

• SPRINKLER SPRAYHEADS AND ROTORS WILL NOT BE PLACED IN THE SAME ZONE.

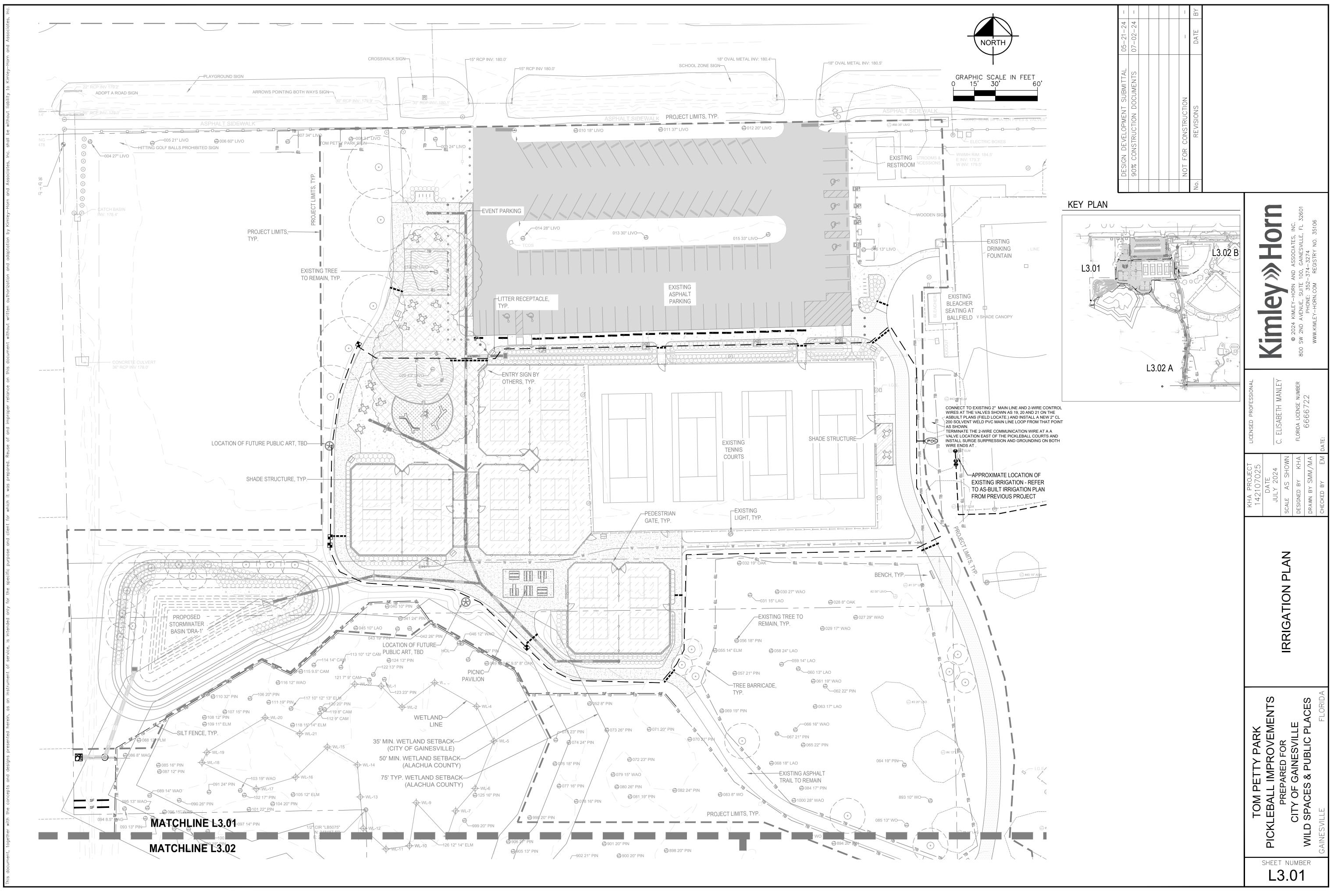
• A FUNCTIONING SOIL MOISTURE SENSOR AND A RAINFALL SHUT-OFF DEVICE/RAIN SENSOR WILL BE INCLUDED.

• ALL HEADS WILL BE INSTALLED A MIN. OF 6" FROM PAVEMENT EDGES, 24" FROM STRUCTURES, AND SHALL PROVIDE HEAD-TO-HEAD COVERAGE WITHOUT OVERSPRAY ON ADJACENT PAVED SURFACES. SEE https://www.alachuacounty.us/depts/epd/waterresources/waterconservation/pages/irrigation-efficiency-design-and-maintenance-code.aspx

	Kim ev » Horn		© 2024 KIMLEY-HORN AND ASSOCIATES, INC. 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601	PHONE: 352-374-3274 www.klmify-horn.com Registry no 35106	
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	OVERALL	IRRIGATION PLAN	AND NOTES		
TOM PETTY PARK	PICKLEBALL IMPROVEMENTS	PREPARED FOR	CITY OF GAINESVILLE	WILD SPACES & PUBLIC PLACES	GAINESVILLE

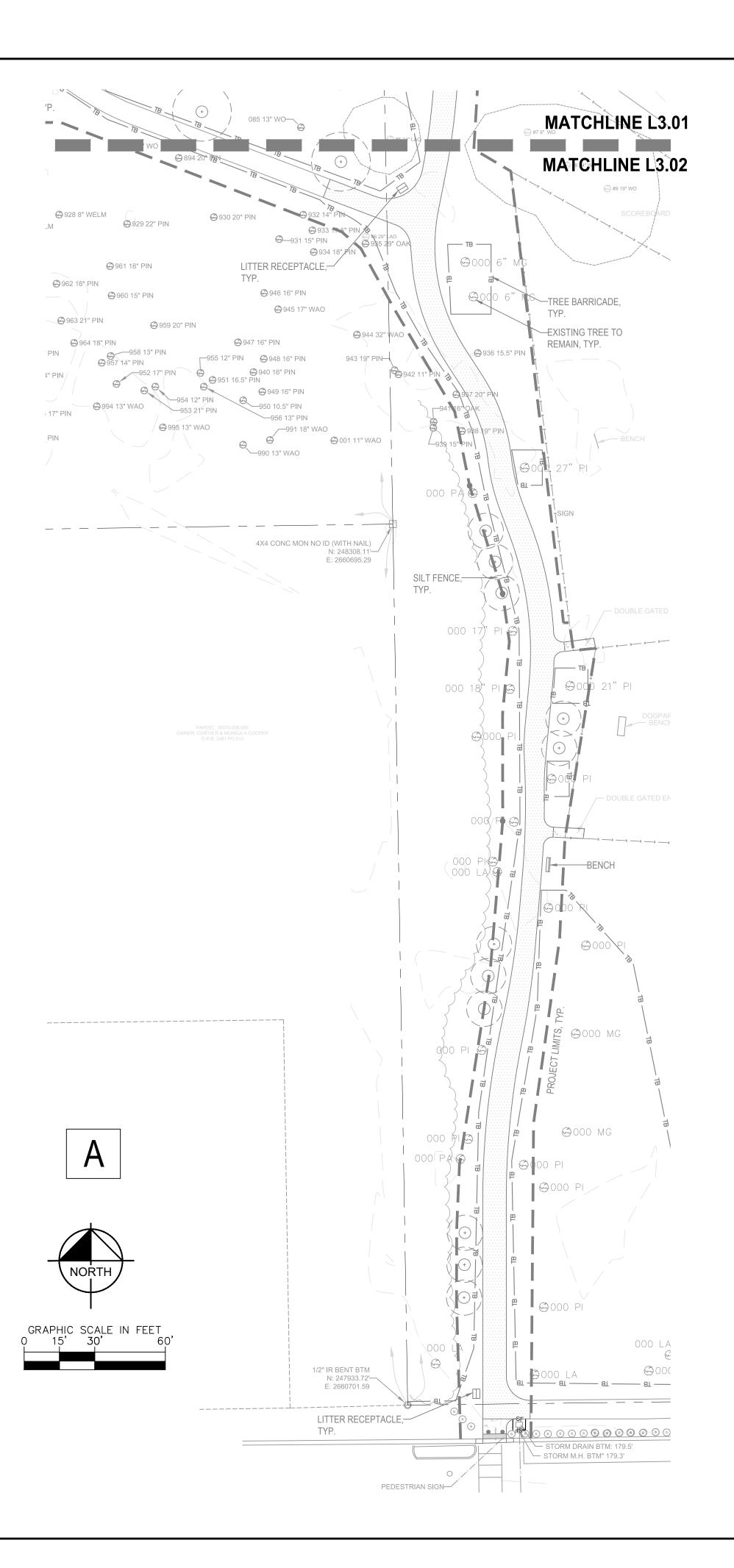
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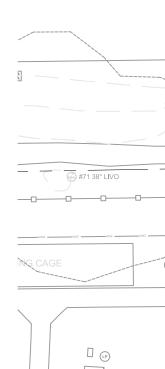
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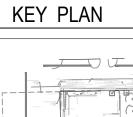


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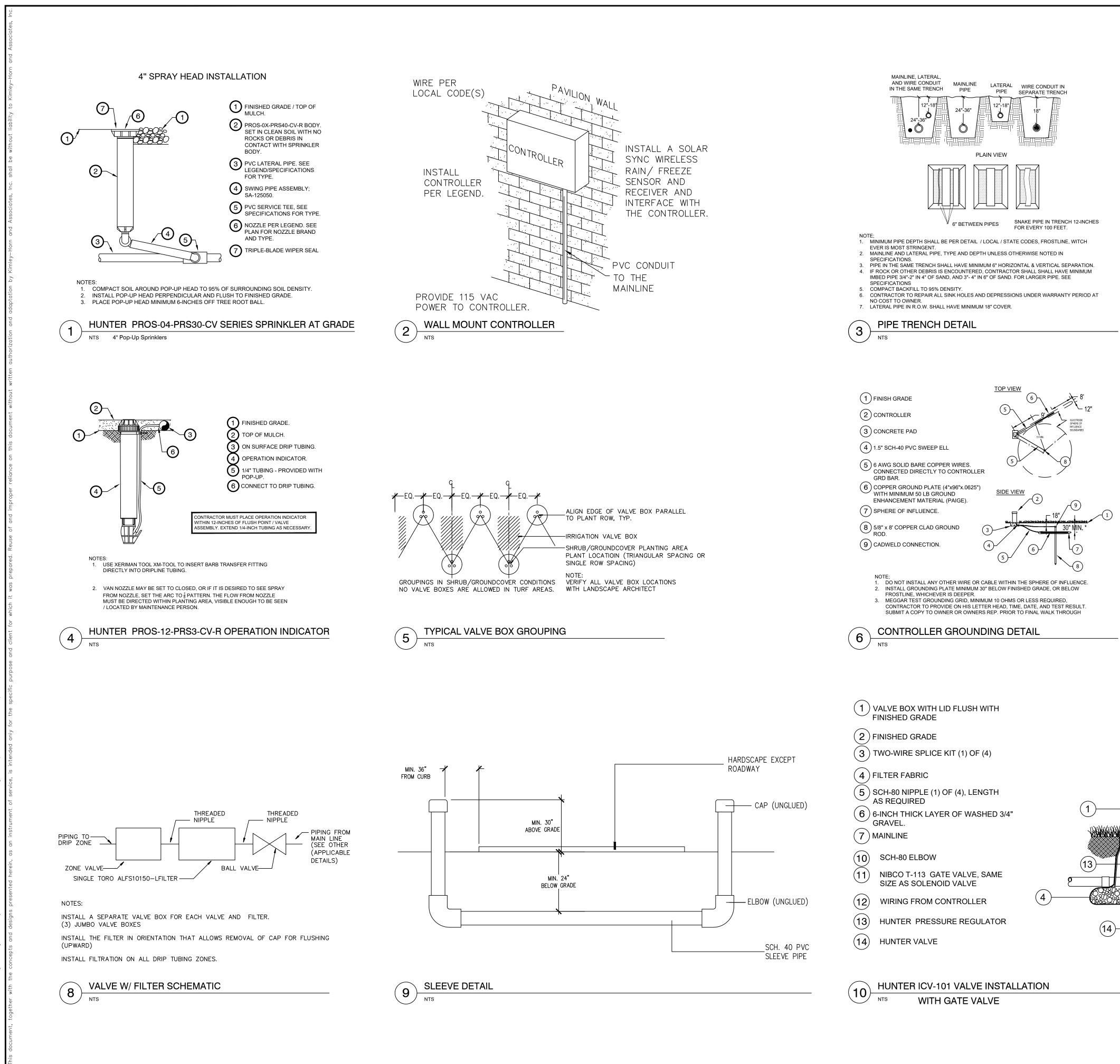


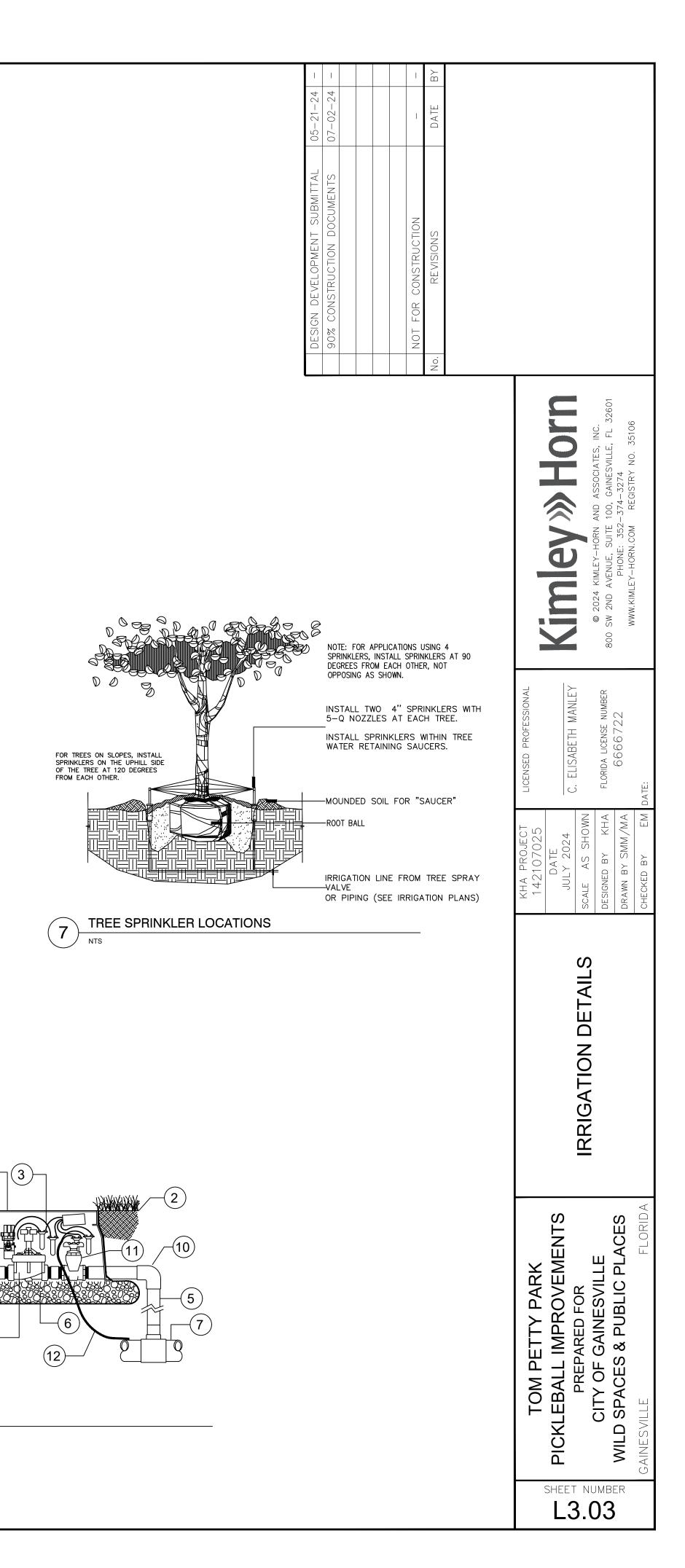




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						ා Sheet Number
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	UMMARY A. PROVIDE ALL LABOR, EQUIPMENT AND INCIDENTALS REQUIRED TO RENDER ALL SERVICES REQUIRED TO SUCCESSFULLY INSTALL ALL TURF AND
1.2 S	LANDSCAPE PROPOSED WITHIN THE PROJECT AREA AS DEFINED ON PLANS. B. WORK WILL INCLUDE BUT IS NOT LIMITED TO PREPARATION, INSTALLATION, AND MAINTENANCE FOR PROPOSED TURF AND LANDSCAPE MATERIAL. UBMITTALS
	<ul> <li>A. PROVIDE TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO ANY PLANTING ACTIVITIES. SUBMITTALS SHALL INCLUDE:</li> <li>1. A COPY OF CURRENT CERTIFICATE AS A CERTIFIED LANDSCAPE CONTRACTOR BY THE FLORIDA NURSERY, GROWERS, AND LANDSCAPE ASSOCIATION (FNGLA).</li> </ul>
	<ol> <li>A COPY OF CURRENT PEST CONTROL LICENSE (ROW, ORNAMENTAL AND/OR AQUATIC, IF APPROPRIATE)</li> <li>CERTIFICATION BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES AS A COMMERCIAL FERTILIZER APPLICATOR PER 5E-14.117(18) F.A.C.</li> </ol>
	<ol> <li>MANUFACTURER'S LABELS OR INFORMATION FOR ANY COMPONENTS INCORPORATED INTO THIS PROJECT, INCLUDING BUT NOT LIMITED TO FERTILIZERS, PESTICIDES, AND STAKING SYSTEMS.</li> </ol>
	<ol> <li>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.</li> <li>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</li> </ol>
	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.
	<ol> <li>WRITTEN WARRANTIES AS SPECIFIED BELOW.</li> <li>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 SCALI</li> </ol>
	UALITY 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. T 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 'FLORIE 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 PRACTICE 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 DRD (FOT OUT)
	<ul> <li>PROJECT SITE.</li> <li>E. CONTRACTOR SHALL MAINTAIN AND EXPERIENCED, FULL-TIME SUPERVISOR ON THE PROJECT SITE DURING ALL PLANTING ACTIVITIES.</li> <li>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.</li> </ul>
1.4 CC	G. PACKAGE STANDARD PRODUCTS WITH MANUFACTURER'S CERTIFIED ANALYSIS OR ANALYSIS BY RECOGNIZED LABORATORY.
	<ul> <li>A. PROVIDE ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY FOR COMPLETION OF WORK AND MAINTENANCE.</li> <li>B. OBTAIN ALL NECESSARY PERMITS, LICENSES, AND NOTIFICATIONS AND PAY FEES NECESSARY FOR COMPLETION OF THE WORK.</li> <li>C. COMPLY WITH ALL APPLICABLE CODES.</li> </ul>
	<ul> <li>E. COORDINATION SHALL OCCUR WITH OTHER CONTRACTORS OR PROJECTS OCCURRING OFF SITE IF NECESSARY.</li> <li>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.</li> <li>G. PROVIDE SAFE STORAGE FOR ALL EQUIPMENT AND MATERIALS. STORAGE OF SUCH ITEMS IS AT THE CONTRACTOR'S RISK.</li> <li>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 SECTION OR AS INSTRUCTED BY THE OWNER'S REPRESENTATIVE.</li> <li>I. MAINTENANCE DURING INSTALLATION AND UNTIL FINAL ACCEPTANCE.</li> </ul>
	ARRANTY A. EXISTING LANDSCAPE AND VEGETATION
	1. ALL EXISTING LANDSCAPE AND TURF TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION ACTIVITIES. B. NEW PLANTS
	<ol> <li>WARRANTY SHRUBS AND GROUNDCOVER FOR A PERIOD OF TWELVE (12) MONTHS AFTER DATE OF SUBSTANTIAL COMPLETION AGAINST DEFEC INCLUDING DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR THAT WHICH IS A RESULT OF NEGLECT BY OWNER, ABUSE, DAMAGE BY OTHEI OR UNUSUAL PHENOMENA OR INCIDENTS WHICH ARE BEYOND THE CONTRACTOR'S CONTROL.</li> <li>REMOVE AND REPLACE ANY LANDSCAPE MATERIAL FOUND TO BE DEAD OR IN UNHEALTHY CONDITION DURING WARRANTY PERIOD.</li> <li>NEW SOD</li> </ol>
	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 NEGLECT BY THE OWNER, ABUSE OR DAMAGE BY OTHERS, OR THE UNUSUAL PHENOMENA OR INCIDENTS, WHICH ARE BEYOND THE CONTRACTOR'S CONTROL.
	<ol> <li>REMOVE AND REPLACE ALL TURF FOUND TO BE DEAD OR IN AN UNHEALTHY CONDITION DURING WARRANTY PERIOD AS DETERMINED BY THE OWNER'S REPRESENTATIVE.</li> <li>REPAIR GRADES, LAWN AREAS, PAVING, AND ANY OTHER DAMAGE RESULTING FROM REPLACEMENT PLANTING OPERATIONS, AT NO ADDITIONAL COST TO</li> </ol>
	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 H/
1.6 D	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. DELIVERY, STORAGE, AND HANDLING
	<ul> <li>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.</li> <li>B. SOD: TIME DELIVERY SO THAT SOD WILL BE PLACED WITHIN 24 HOURS AFTER STRIPPING. PROTECT SOD AGAINST DRYING AND BREAKING OF ROLLED STRIPPING.</li> </ul>
	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 TII HANDLE PLANT MATERIALS BY ROOTBALL. ROJECT CONDITIONS
	<ul> <li>A. COORDINATE AND COOPERATE WITH OTHER TRADES TO ENABLE WORK TO PROCEED AS RAPIDLY AND EFFICIENTLY AS POSSIBLE.</li> <li>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.</li> </ul>
	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.
	<ul> <li>D. MAINTAIN GRADE STAKES SET BY OTHERS UNTIL REMOVAL IS MUTUALLY AGREED UPON BY PARTIES CONCERNED.</li> <li>E. DETERMINE LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF WORK. CALL SUNSHINE STATE ONE CALL, 811. PERFORM WORK IN A</li> </ul>

## 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 LIMEROCK OR PAVING BASE MATERIAL, ASPHALT, AND CONCRETE, AND OTHER EXTRANEOUS 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 OWNNER'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 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 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 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, LIMEROCK, 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.
- 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 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 PLANT'S 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 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.

PART 3 - EXECUTION, CON'T

- 3.5 CLEANUP
- DISPOSE OF MATERIALS AS DIRECTED.
- 3.6 NEW PLANT PROTECTION
- CONTRACTOR.
- WITHOUT INJURY TO TRUNKS. 3.7 MAINTENANCE
- - POSITION AS REQUIRED.
- 3.8 REPLACEMENT OF EXISTING LANDSCAPE DAMAGED DURING PROJECT

- REPRESENTATIVE PRIOR TO COMMENCEMENT OF ACTIVITIES. 3.9 INSPECTION AND ACCEPTANCE
- ACCEPTANCE.
- ADDRESSED PRIOR TO FINAL ACCEPTANCE.
- HAVE BEEN MADE.

- 3.4 SODDING NEW LAWNS
- B. LAY SOD WITHIN 24 HOURS FROM TIME OF STRIPPING.
- LAWNS. DO NOT CREATE A MUDDY SOIL CONDITION.

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

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.

C. MOISTEN PREPARED LAWN AREAS BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE MOISTURE TO DRY BEFORE PLANTING

D. APPLY SPECIFIED COMMERCIAL FERTILIZER IF WITHING THE ALLOWABLE FERTILIZING TIME WINDOW PER COUNTY CODE. APLY 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.

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.

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

C. DO NOT PERMIT HEAVY EQUIPMENT OR STOCKPILES WITHIN THE DRIP LINE OF EXISTING OR NEWLY PLANTED TREES. REMOVE INTERFERING BRANCHES

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.

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

9. REMOVE ALL TREE STAKING, IF PRESENT, WITHIN ONE YEAR AFTER PLANTING.

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

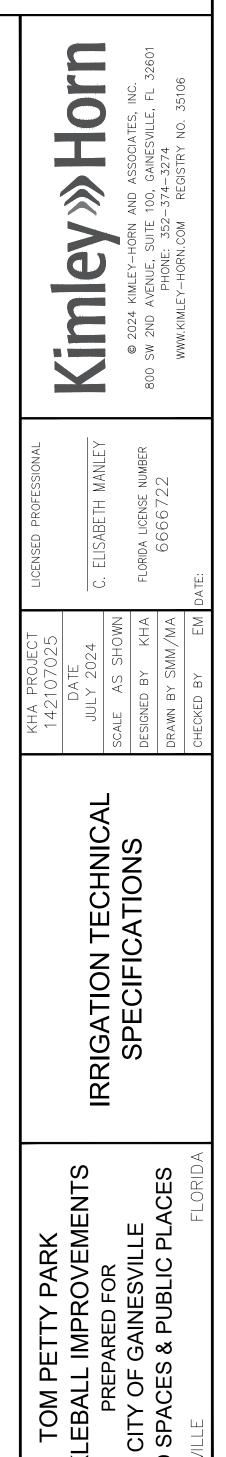
A. WHEN ALL LANDSCAPE WORK IS SUBSTANTIALLY COMPLETE, THE OWNER'S REPRESENTATIVE WILL, UPON REQUEST, MAKE A SUBSTANTIAL COMPLETION INSPECTION TO DETERMINE ACCEPTABILITY AND COMPLIANCE WITH THE CONTRACT DOCUMENTS. THE OWNER'S REPRESENTATIVE WILL PRODUCE A WRITTEN PUNCH LIST FOR THE CONTRACTOR AND OWNER'S REPRESENTATIVE TO IDENTIFY ITEMS THAT SHALL BE ADDRESSED PRIOR TO FINAL

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

C. FINAL ACCEPTANCE WILL NOT BE ISSUED UNTIL ALL PUNCH LIST ITEMS HAVE BEEN COMPLETED AND ACCEPTED BY THE OWNER AND ALL SUBMITTALS

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.

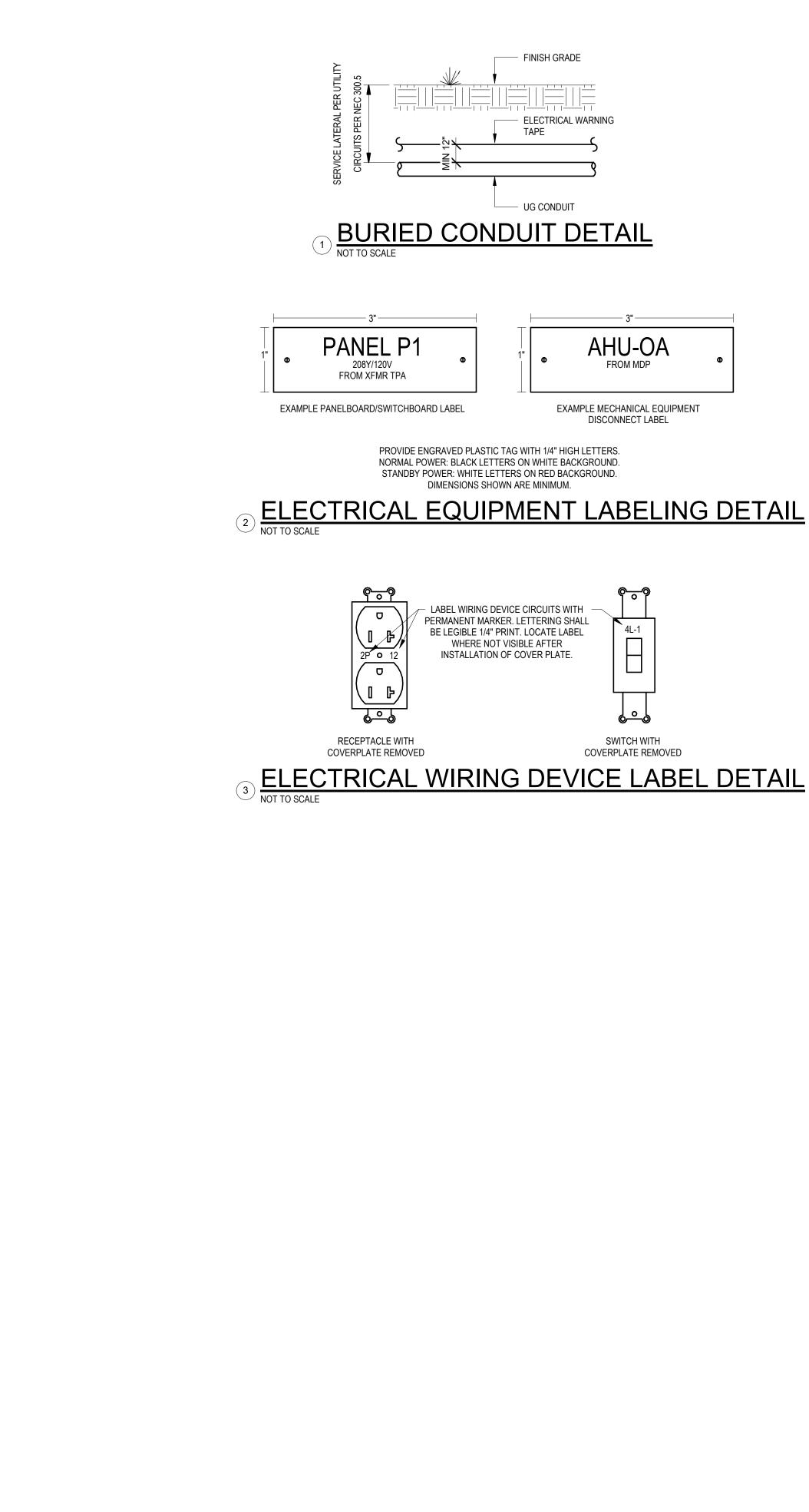
END OF SECTION



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SHEET NUMBER

L3.04



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NT	

<b>LEGEN</b>	D

RECEPT	FACLE:
$\square$	DUPLEX RECEPTACLE. 18" AFF UNO.
$\heartsuit$	SPECIAL PURPOSE RECEPTACLE. 18" AFF UNO. COORDINATE WITH EQUIPMENT.
RECEPT	FACLE SUBSCRIPTS:
G	GFCI-TYPE RECEPTACLE.
GCB	GFCI-TYPE POWER FROM BRANCH CIRCUIT BREAKER.
WP 6-30R	WEATHER RESISTANT WIRING DEVICE. WP RECEPTACLES SHALL BE GFCI TYPE WITH IN-USE COVERS. NEMA RECEPTACLE TYPE.
POWER	EQUIPMENT AND CONNECTIONS:
	DISTRIBUTION PANELBOARD.
	PANELBOARD.
E	ELECTRICAL CONNECTION TO EQUIPMENT. SEE ELECTRICAL EQUIPMENT SCHEDULE.
Ũ	JUNCTION BOX.
ø	PEDOC POWER POLE WITH TWO GFCI DUPLEX RECEPTACLES.
-	SAFETY SWITCH. MOUNT AS INDICATED. 60" TO TOP UNO.
42	FUSED SAFETY SWITCH. MOUNT AS INDICATED. 60" TO TOP UNO.
LIGHT F	IXTURES:
	TIXTURES SHALL BE AS INDICATED IN LIGHT FIXTURE SCHEDULE. SEE LIGHT FIXTURE SCHEDULE.
LIGHT F	IXTURES SUBSCRIPTS:
a,b	LOWERCASE LETTERS INDICATE SWITCHING/DIMMING ZONES.
DL	DAYLIGHT SENSOR DIMMED.
24/7 EM	LIGHT NOT SWITCHED BY OCCUPANCY SENSORS OR SWITCHES. PARTIAL SHADING OR 'EM' SUBSCRIPT INDICATES EMERGENCY FIXTURE. SEE LIGHT FIXTURE SCHEDULE.
	IG CONTROLS:
\$	TOGGLE SWITCH. 46" AFF UNO.
PC	120/277V 20A PHOTOCELL.
	120/277V LIGHTING CONTACTOR. BOD: ENCLOSED SQUARE D CLASS 8903 WITH HOA SWITCH.
ТС	120/277V ASTRONOMICAL TIME CLOCK. BOD: PARAGON SUNTRACKER II.
LIGHTIN	IG CONTROLS SUBSCRIPTS:
2	2-POLE TOGGLE SWITCH.
3 4	3-WAY TOGGLE SWITCH. 4-WAY TOGGLE SWITCH.
a,b	LOWERCASE LETTERS INDICATE SWITCHING/DIMMING ZONES.
<u>ANNOT</u>	ATIONS:
$\langle 1 \rangle$	ELECTRICAL SHEET NOTE.
AH 111	MECHANICAL EQUIPMENT TAG.
GENERA	AL SUBSCRIPTS (APPLY TO ALL CATEGORIES):
<u>2P1A</u>	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.
<u>A-1</u>	ELECTRICAL HOME RUN TO PANELBOARD. UNDERLINED LABEL INDICATES PANELBOARD NAME AND CIRCUIT NUMBER. UNLESS INDICATED OTHERWISE, DEFAULT WIRING IS #12 & #12G. 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 PROVIDE

# 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.

# ABBREV/IATIONS

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

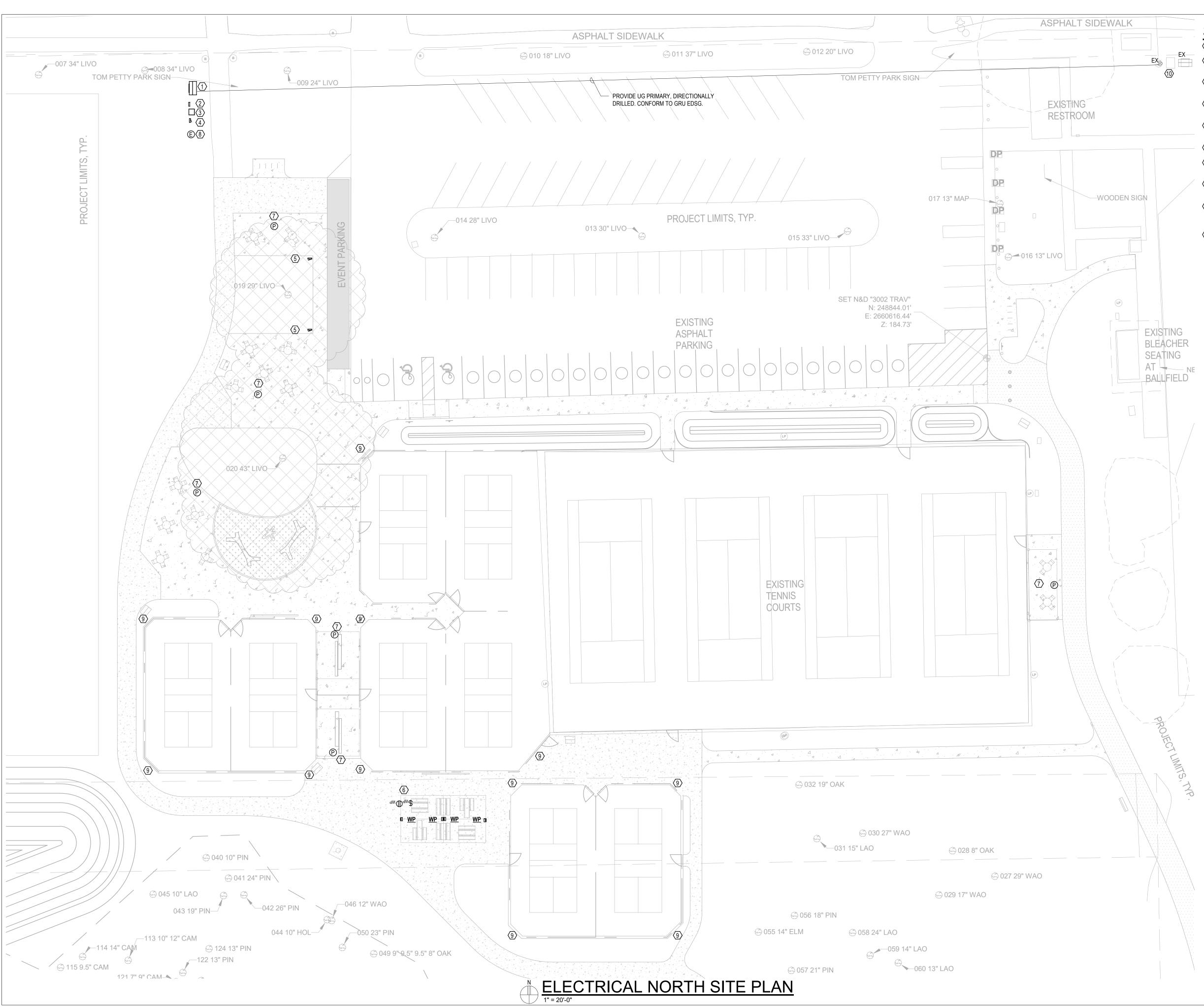
# CODES AND STANDARDS

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) A. FIRE CODE (NFPA 1 - 2021 FLORIDA EDITION) B. 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 ASSOCIÁTION (NEMA) INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEÉE) 10 NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) 11 ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) 12.

TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 13. 14. ELECTRONICS INDUSTRY ALLIANCE (EIA)



- 05-21-24 07-02-24	DATE BY
DESIGN DEVELOPMENT SUBMITTAL 90% CONSTRUCTION DOCUMENTS	NOT FOR CONSTRUCTION NO.
Kimley » Horn	Expect More. Experience Better. © 2024 KIMLEY-HORN AND ASSOCIATES, INC. 800 SW 2ND AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106
ECT 25 24	BNF BNF APM PE - 83318
KHA PROJECT 142107025 DATE JULY 2024	90% CDS Designed BY B Drawn BY B Checked BY A
ELECTRICAL LEGEND,	
TOM PETTY PARK IMPROVEMENTS	PREPARED FOR CITY OF GAINESVILLE GAINESVILLE



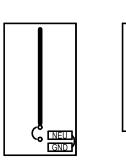
# SHEET NOTES

- 1 PROVIDE 480Y/277V 3 PHASE PAD MOUNT UTILITY TRANSFORMER.
- PROVIDE 480Y/277V 400A NEMA 3R MCB PANELBOARD. MOUNT ON CONCRET POST AND STRUT RACK NEXT TO NEW TRANSFORMER.
   PROVIDE 35UVA NEMA OF 400V/077V PDIMA DX 400V/070V/
- PROVIDE 75kVA NEMA 3R 480Y/277V PRIMARY 208Y/120V SECONDARY.
- PROVIDE 208Y/120V 3 PHASE 4 WIRE 225A NEMA 3R MCB PANELBOARD. MOUNT ON UNISTRUT RACK.
- 5 PROVIDE MILBANK U5220-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.
- SPORTS LIGHTING VENDOR POLE LIGHT. PROVIDE 4#10, 1#10 G IN 3/4"C TO EACH POLE LOCATION. COORDINATE ALL POLE LOCATIONS WITH LIGHTING VENDOR DESIGN TEAM.
- (10) EXISTING GRU PRIMARY METER AND EXISTING SITE TRANSFORMER.



2. J	05-21-24 07-02-24 07-02-24 07-02-24 07-02-24 07-02-24 07-02-24 07-02-02-02-02-02-02-02-02-02-02-02-02-02-
1	DESIGN DEVELOPMENT SUBMITTAL       90% CONSTRUCTION DOCUMENTS       Mol       NOT FOR CONSTRUCTION       NO.
	Kimley M Horn Expect More. Experience Better. © 2024 KIMLEY-HORN AND ASSOCIATES, INC. 800 SW ZND AVENUE, SUITE 100, GAINESVILLE, FL 32601 PHONE: 352-374-3274 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106
	Andrew P. McCaddin PE - 83318
	KHA PROJECT 142107025 DATE JULY 2024 90% CDS DESIGNED BY BNF DRAWN BY BNF CHECKED BY APM
	ELECTRICAL SITE PLAN
	TOM PETTY PARK IMPROVEMENTS PREPARED FOR CITY OF GAINESVILLE

# SINGLE LINE DIAGRAM LEGEND



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# **Branch Panel: 4DS**

Location: Supply From: Mounting: SURFACE Enclosure: NEMA 3R Basis of Design: SQUARE D NF Service Rated: YES Pole Spaces: 42

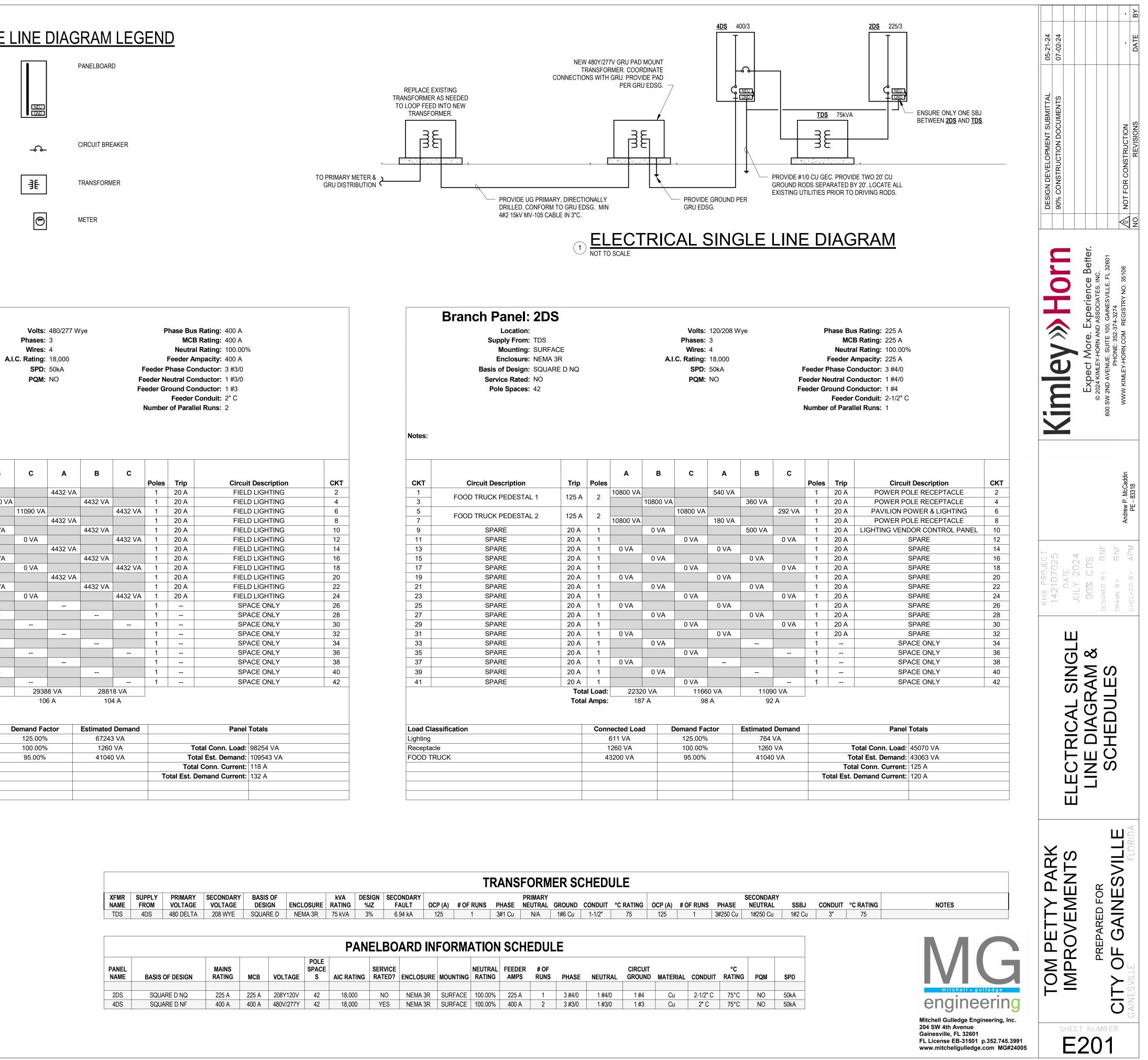
Notes:

скт	<b>Circuit Description</b>	Trip	Poles	Α	В	С	Α	В	С	Poles	Trip	Circuit Description	скт
1				22320 VA			4432 VA			1	20 A	FIELD LIGHTING	2
3	2DS VIA TDS	125 A	3		11660 VA			4432 VA		1	20 A	FIELD LIGHTING	4
5						11090 VA			4432 VA	1	20 A	FIELD LIGHTING	6
7	SPARE	20 A	1	0 VA			4432 VA			1	20 A	FIELD LIGHTING	8
9	SPARE	20 A	1		0 VA			4432 VA		1	20 A	FIELD LIGHTING	10
11	SPARE	20 A	1			0 VA			4432 VA	1	20 A	FIELD LIGHTING	12
13	SPARE	20 A	1	0 VA			4432 VA			1	20 A	FIELD LIGHTING	14
15	SPARE	20 A	1		0 VA			4432 VA		1	20 A	FIELD LIGHTING	16
17	SPARE	20 A	1			0 VA			4432 VA	1	20 A	FIELD LIGHTING	18
19	SPARE	20 A	1	0 VA			4432 VA			1	20 A	FIELD LIGHTING	20
21	SPARE	20 A	1		0 VA			4432 VA		1	20 A	FIELD LIGHTING	22
23	SPARE	20 A	1			0 VA			4432 VA	1	20 A	FIELD LIGHTING	24
25	SPACE ONLY		1							1		SPACE ONLY	26
27	SPACE ONLY		1							1		SPACE ONLY	28
29	SPACE ONLY		1							1		SPACE ONLY	30
31	SPACE ONLY		1							1		SPACE ONLY	32
33	SPACE ONLY		1							1		SPACE ONLY	34
35	SPACE ONLY		1							1		SPACE ONLY	36
37	SPACE ONLY		1							1		SPACE ONLY	38
39	SPACE ONLY		1							1		SPACE ONLY	40
41	SPACE ONLY		1							1		SPACE ONLY	42
		Tota	I Load:	4004	8 VA	2938	8 VA	2881	8 VA	· · ·			I
		Total	Amps:	14	5 A	100	6 A	104	4 A				

Load Classification

Lighting Receptacle FOOD TRUCK Connected Load 53794 VA 1260 VA 43200 VA

Demand 125.0 100.0 95.00



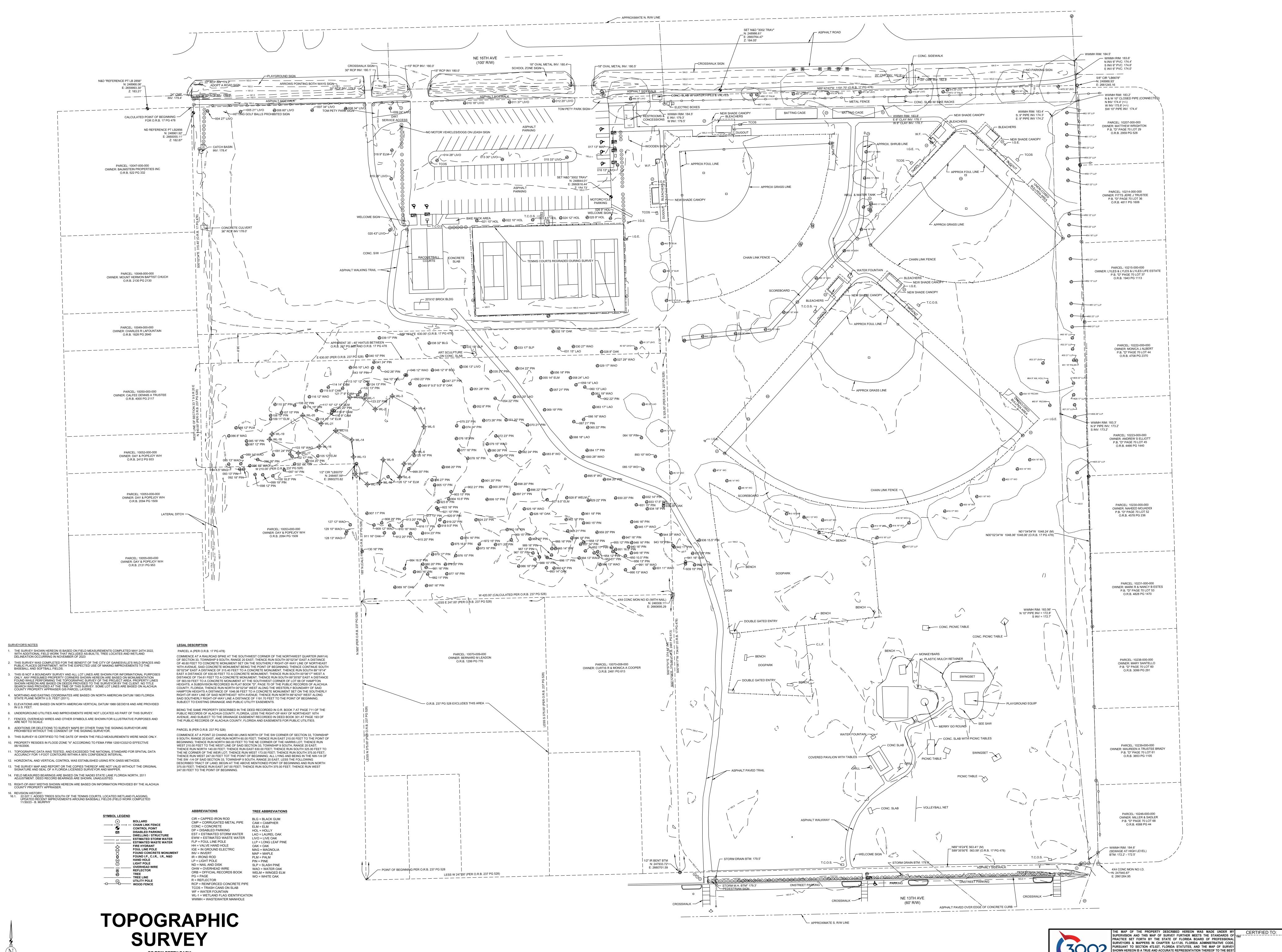
M	CB Rating:	400 A
Neut	ral Rating:	100.00%
Feeder	Ampacity:	400 A
Feeder Phase C	Conductor:	3 #3/0
Feeder Neutral C	Conductor:	1 #3/0
Feeder Ground C	Conductor:	1 #3
Feede	er Conduit:	2" C
Number of Par	allel Runs:	2

l Factor
00%
00%
0%

00%	
00%	
0%	

			_			
скт	Circuit Description	Trip	Poles	Α	B	\$
1			1 0103	10800 VA		
3	FOOD TRUCK PEDESTAL 1	125 A	2	10000 171	1080	0
5						
7	FOOD TRUCK PEDESTAL 2	125 A	2	10800 VA		_
9	SPARE	20 A	1		0 \	/A
11	SPARE	20 A	1			
13	SPARE	20 A	1	0 VA		
15	SPARE	20 A	1		0 \	/Α
17	SPARE	20 A	1			
19	SPARE	20 A	1	0 VA		
21	SPARE	20 A	1		0 V	/Α
23	SPARE	20 A	1			
25	SPARE	20 A	1	0 VA		
27	SPARE	20 A	1		0 V	/Α
29	SPARE	20 A	1			
31	SPARE	20 A	1	0 VA		
33	SPARE	20 A	1		0 \	/Α
35	SPARE	20 A	1			
37	SPARE	20 A	1	0 VA		
39	SPARE	20 A	1		0 V	/Α
41	SPARE	20 A	1			
		Tota	al Load:	2232	20 VA	
		Tota	I Amps:	18	7 A	
Load Clas	Load Classification Connect					
Lighting		611 VA				
				000.14		-

											TR	ANSF	ORM	IER S	CHEDI	ULE	
XFMR NAME	SUPPLY FROM	PRIMARY VOLTAGE	SECONDARY VOLTAGE	BASIS O DESIGN	-	OSURE			ONDARY AULT O	CP (A) # OF	RUNS F	-	PRIMARY NEUTRAL	GROUND	CONDUIT	°C RATING	OCP
TDS	4DS	480 DELTA	208 WYE	SQUARE	D NEM	/A 3R	75 kVA 🗧	3% 6	.94 kA	125	1 3	3#1 Cu	N/A	1#6 Cu	1-1/2"	75	125
							PAN	ELBO	ARD IN	IFORM	ATION	I SCH	IEDU	LE			
						POLE			ARD IN	IFORM				LE			
PANEL	BASIS	OF DESIGN	MAINS	MCB		SPACE		SERVICE			NEUTRAL	FEEDEF	R # 0F				
PANEL	BASIS	OF DESIGN	MAINS RATING	MCB	VOLTAGE						NEUTRAL				E NEUTR		
		OF DESIGN			VOLTAGE 208Y120V	SPACE		SERVICE			NEUTRAL	FEEDEF	R # 0F			AL GROUN	



OF TOM PETTY PARK (FORMERLY NORTHEAST PARK) LOCATED IN GAINESVILLE, FL SECTION 33 TOWNSHIP 09 SOUTH RANGE 20 EAST ALACHUA COUNTY, FLORIDA

1 INCH =40 FEET



F MY KNOWLEDGE, BEING SUBJECT TO NOTES AND NOTATIONS SHOWN HEREON

B.E.M.

1 of 1

cument Name: 22.027.1.dwg

oc.Date/ Time: 3/6/2024 5:27:31 P

awn By:

Brian E. Murphy \_\_\_\_\_ Doc.Date/ Ti Professional Surveyor & Mapper No.7033 Sheet:

Florida Business License No. LB8313

ENSED SURVEYOR AND MAPPER. IF IIN DIGITAL RMAT, PLEASE BE SURE TO VALIDATE THE

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THE ORIGINAL SIGNATURE AND SEAL OF A FLORIDA