LMC EMBLEM AT TRIBUTARY

YULEE, FLORIDA PREPARED FOR

LENNAR MULTIFAMILY COMMUNITIES, LLC

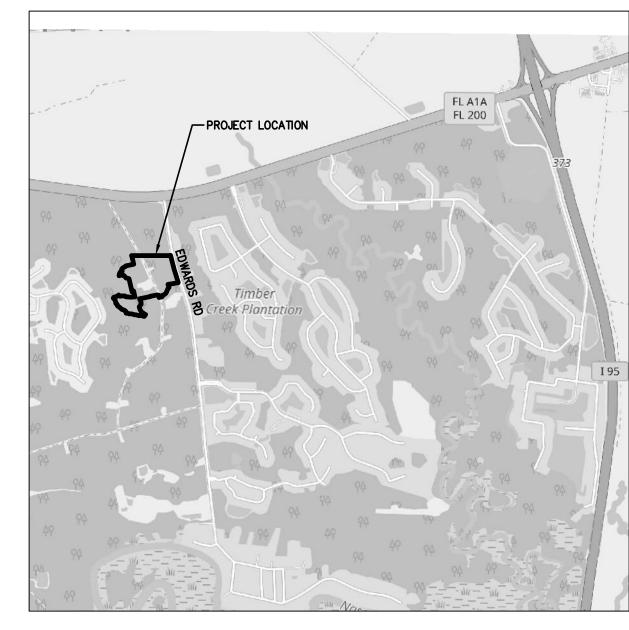
500 EAST MOREHEAD ST SUITE 300 CHAROLETTE, NC 28202 561-886-9630



England-Thims & Miller, Inc.

14775 Old St. Augustine Road Jacksonville, FL 32258 TEL: (904) 642-8990 FAX: (904) 646-9485 CA - 00002584 LC - 0000316

MAY 2022



LOCATION MAP

		DRAWING INDEX	
PDF SHEET NUMBER	DRAWING NUMBER	DRAWING TITLE	REVISION
1	1A	COVER	
2	1B	EOR SIGNATURE SHEET	
3	2	GENERAL NOTES & LEGEND	
4	3	MASTER SITE PLAN	
5	4	DEMOLITION PLAN	
6-10	5A-5E	GEOMETRY PLAN	
11	6	PRE-DEVELOPMENT PLAN	
12	7	POST-DEVELOPMENT	
13–17	8A-8E	PAVING & DRAINAGE PLAN	
18	9	CROSS SECTIONS	
19	10	MASTER UTILITY	
20-23	11A-11D	WATER & SEWER PLAN	
24	12	FORCE MAIN DIRECTIONAL DRILL	
25-28	13A-13D	PAVING AND DRAINAGE DETAILS	
29	14A	JEA COVER & NOTES	
30-35	14B-14G	JEA WATER DETAILS	
36-40	14H-14L	JEA SEWER DETAILS	
41	15	FIRE MAIN RESTRAINT SCHEDULE	
42	16	PRIVATE LIFT STATION DETAIL	
43	17	SEDIMENT AND EROSION CONTROL PLAN	
44	18	SEDIMENT AND EROSION CONTROL DETAILS	
45	19	STORMWATER POLLUTION PREVENTION PLAN	
46	20	CONTRACTORS CERTIFICATION	
47	21	MAINTENANCE OF TRAFFIC PLAN	
48	22	MAINTENANCE OF TRAFFIC DETAILS	

IF YOU DIG IN FLORIDA, YOU ARE REQUIRED TO CALL SUNSHINE STATE ONE—CALL OF FLORIDA,

INC. 1-800-432-4770 FOR LOCATES. IT'S THE

COVER

DRAWING NUMBER

1A

JEA FLOW TEST

FLOW TEST DATE: 11/24/2021 @ 11:33 AM. FLOW HYDRANT LOCATION
TRIBUTARY DR 1,870 S OF A1/SR 200 (585522) STATIC RESIDUAL HYDRANT LOCATION
TRIBUTARY DR 1,475 S OF A1/SR 200 (585506)

DIAMETER OF PORTS (IN): 2.5 PITOT PRESSURE (PSI): STATIC PRESSURE (PSI): RESIDUAL PRESSURE (PSI): 40

JEA DESIGN STANDARDS: 2022

JEA AVAILABILITY #: 2021-3113

THE FLORIDA PROFESSIONAL ENGINEER NAMED HEREIN SHALL
BE RESPONSIBLE FOR THE DRAWINGS LISTED IN THIS BOX IN
ACCORDANCE WITH RULE 61G15-23-003. F.A.C. THESE SHEETS
HAVE BEEN SIGNED AND SEALED USING A DIGITAL SIGNATURE
BY: ANDREW HOLLEY P.E. NUMBER: 76182

ENGLAND-THIMS & MILLER, INC. 14775 OLD ST. AUGUSTINE ROAD JACKSONVILLE, FLORIDA 32258 PHONE (904) 642-8990
CERTIFICATE OF AUTHORIZATION NUMBER: 00002584 PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

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11	6	PRE-DEVELOPMENT PLAN	
12	7	POST-DEVELOPMENT	
13–17	8A-8E	PAVING & DRAINAGE PLAN	
18	9	CROSS SECTIONS	
19	10	MASTER UTILITY	
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36-40	14H-14L	JEA SEWER DETAILS	
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REVISIONS:
2022.07.27—REV. PER CLIENT COMMENT
2022.09.02—REV. PER AGENCY COMMENT
2022.11.23—REV. PER AGENCY COMMENT
2023.03.02—REV. PER AGENCY COMMENT
2023.05.01—REV. PER AGENCY COMMENT

EOR SIGNATURE SHEET

LENNAR MULTIFAMILY COMMUNITIES, LLC

DRAWING NUMBER

1B

- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE JOB SITE PRIOR TO PREPARING THE BID FOR THE PURPOSE OF FAMILIARIZING HIMSELF WITH THE NATURE AND THE EXTENT OF THE WORK AND LOCAL CONDITIONS, EITHER SURFACE OR SUB—SURFACE, WHICH MAY AFFECT THE WORK TO BE PERFORMED, AND THE EQUIPMENT, LABOR AND MATERIALS REQUIRED. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF COMPLETE PERFORMANCE UNDER THE CONSTRUCTION CONTRACT. THE CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA (811) FOR UTILITY LOCATES IN ACCORDANCE WITH STATE LAW PRIOR TO EXCAVATING. THE CONTRACTOR IS ALSO URGED TO TAKE COLOR PHOTOGRAPHS ALONG THE ROUTE OF OR WITHIN THE PROJECT TO RECORD EXISTING CONDITIONS PRIOR TO CONSTRUCTION, AND TO AID IN RESOLVING POSSIBLE FUTURE ISSUES THAT MAY OCCUR DUE TO THE CONSTRUCTION OF THE PROJECT.
- 3. THE CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING STRUCTURES, IMPROVEMENTS, UTILITIES, PROPERTY LINES, AND CONFIRM ALL PROPOSED DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCING ANY CONSTRUCTION OR ORDERING ANY MATERIALS.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING A PERMANENT STAND OF SOD AND/OR GRASS PER NASSAU COUNTY STANDARDS AND MEETING THE NPDES FINAL STABILIZATION REQUIREMENTS. (SEE NASSAU COUNTY DEVELOPMENT REVIEW GENERAL NOTES #7 & #8.)
- 5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO EITHER CONDUCT ANY FIELD EXPLORATION OR ACQUIRE ANY GEOTECHNICAL ASSISTANCE REQUIRED TO ESTIMATE THE AMOUNT OF UNSUITABLE MATERIAL THAT WILL REQUIRE REMOVAL AND/OR TO ESTIMATE THE AMOUNT OF OFF SITE BORROW THAT WILL BE REQUIRED. FAILURE OF THE CONTRACTOR TO IDENTIFY/QUANTIFY THE AMOUNT OF UNSUITABLE MATERIAL TO BE REMOVED AND REPLACED DURING THE BID PROCESS WILL NOT RELIEVE THE CONTRACTOR OF COMPLETE PERFORMANCE UNDER THE CONSTRUCTION CONTRACT.
- 6. ALL MATERIALS AND WORKMANSHIP ARE TO BE WARRANTED BY THE CONTRACTOR TO THE OWNER AND THE NASSAU COUNTY FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER AND NASSAU COUNTY.
- THE LOCATION OF ALL EXISTING UTILITIES, STRUCTURES AND IMPROVEMENTS SHOWN ON THE DRAWINGS IS BASED ON LIMITED INFORMATION AND MAY NOT HAVE BEEN FIELD VERIFIED. THE LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL NOTIFY RESPECTIVE UTILITY OWNERS AND FIELD VERIFY LOCATIONS OF EXISTING UTILITIES AND OTHER IMPROVEMENTS PRIOR TO COMMENCING ANY CONSTRUCTION. IF THE LOCATIONS SHOWN ARE CONTRARY TO THE ACTUAL LOCATIONS, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF THE DISCREPANCY. THIS DISCREPANCY SHOULD BE RESOLVED PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING IN AREAS NEAR EXISTING UTILITIES AND IMPROVEMENTS AND SHALL BE RESPONSIBLE FOR AND SHALL REPAIR OR PAY FOR ALL DAMAGE MADE TO EXISTING UTILITIES OR OTHER IMPROVEMENTS. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL GRADES, INVERTS AND TYPE OF MATERIAL OF EXISTING UTILITIES TO WHICH HE SHALL CONNECT, AND NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES.
- 8. UNLESS DIRECTED OTHERWISE BY THE OWNER OR THE ENGINEER, THE CONTRACTOR WILL CONTRACT WITH AN INDEPENDENT TESTING LABORATORY TO PERFORM MATERIAL TESTING AND SOIL TESTING IN ACCORDANCE WITH COUNTY REQUIREMENTS.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE REQUIRED FOR THE PROJECT INCLUDING NASSAU COUNTY RIGHT—OF—WAY PERMITS FOR WORK IN THE COUNTY RIGHT—OF—WAY OR EASEMENT. CONTRACTOR IS RESPONSIBLE FOR CONTROL OF SEDIMENTATION AND RUNOFF RESULTING FROM RAINFALL EVENTS DURING THE CONSTRUCTION OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH REGULATORY PERMITS ISSUED FOR THE PROJECT.
- 10. THE CONTRACTOR SHALL COORDINATE THE WORK WITHIN COUNTY OR STATE RIGHT-OF-WAY WITH THE APPROPRIATE AGENCIES FOR MAINTENANCE OF TRAFFIC AND METHOD OF CONSTRUCTION & REPAIR.
- 11. IF DEWATERING CAPACITY REQUIRES A CONSUMPTIVE USE PERMIT (C.U.P.) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE PERMIT THROUGH THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND THE ENGINEER FOR APPROVAL OF ALL DEWATERING OPERATIONS PRIOR TO COMMENCEMENT
- 2. PRIOR TO ANY DISCHARGE OF GROUND WATER (DEWATERING) FROM CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT TO WATERS OF THE STATE (INCLUDING, BUT NOT LIMITED TO, WETLANDS, SWALES AND MUNICIPAL STORM SEWERS), THE CONTRACTOR SHALL TEST THE EFFLUENT (WATER TO BE DISCHARGED) IN ACCORDANCE WITH RULE 62-621.300(2), F.A.C. IF THE TEST RESULTS ON THE EFFLUENT ARE BELOW THE SCREENING VALUES OF RULE 62-621.300(2), F.A.C., THE CONTRACTOR SHALL SUBMIT A SUMMARY OF THE PROPOSED CONSTRUCTION ACTIVITY AND THE TEST RESULTS TO THE DEPARTMENT OF ENVIRONMENTAL PROTECTION DISTRICT OFFICE, WITHIN ONE (1) WEEK AFTER DISCHARGE BEGINS. THE CONTRACTOR SHALL CONTINUE TO SAMPLE THE EFFLUENT AS REQUIRED THROUGHOUT THE PROJECT AND COMPLY WITH ALL CONDITIONS OF RULE 62-621.300(2), F.A.C. IF THE GROUND WATER EXCEEDS THE SCREENING VALUES OF RULE 62-621.300(2), F.A.C., THE CONTRACTOR SHALL COMPLY WITH OTHER APPLICABLE RULES AND REGULATIONS PRIOR TO DISCHARGE OF THE EFFLUENT (GROUND WATER) TO SURFACE WATERS OF THE STATE.

GENERAL SITE NOTES:

- 12. ALL AREAS SHOWN TO BE FILLED SHALL BE CLEARED AND GRUBBED IN ACCORDANCE WITH NASSAU COUNTY STANDARDS AND SHALL BE FILLED WITH CLEAN STRUCTURAL FILL COMPACTED AND TESTED IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION REPORT.
- 13. CLEARING AND GRUBBING REQUIRED FOR ALL ROADWAY, UTILITIES, DITCHES, BERMS, RIGHTS-OF-WAYS AND EASEMENTS (INCLUDING ELECTRIC EASEMENTS) ARE INCLUDED IN THIS PROJECT.
- 15 ALL ACCESS EASEMENTS ARE TO BE STABILIZED AND DRIVABLE.
- 16. ALL DEBRIS RESULTING FROM ALL ACTIVITIES SHALL BE DISPOSED OF OFF-SITE BY CONTRACTOR.
- 17. BURNING OF TREES, BRUSH AND OTHER MATERIAL SHALL BE APPROVED, PERMITTED AND COORDINATED WITH NASSAU COUNTY FIRE MARSHAL AND ALL OTHER PERMITTING AUTHORITIES BY THE CONTRACTOR.
- 18. UNSUITABLE MATERIALS UNDER UTILITY OR STORM PIPE, STRUCTURES, PAVEMENT, BUILDING PADS, OR HARDSCAPE ELEMENTS SHALL BE REMOVED AND REPLACED WITH SELECTED BACKFILL, PROPERLY COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
- 19. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL SURVEY AND PROPERTY MONUMENTS. IF A MONUMENT IS DISTURBED, THE CONTRACTOR SHALL CONTRACT WITH THE SURVEYOR OF RECORD FOR REINSTALLATION OF THE MONUMENT.
- 20. ALL UNDERGROUND UTILITIES TO BE INSTALLED UNDER PAVEMENT MUST BE INSTALLED PRIOR TO PREPARATION OF SUBGRADE FOR PAVEMENT.
- 21. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION WITH ALL OTHER CONTRACTORS. IN THE EVENT OF ANY CONFLICT WHATSOEVER, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER PRIOR TO PROCEEDING WITH CONSTRUCTION.
- 22. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL MATERIALS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO PURCHASE OR CONSTRUCTION OF ANY UTILITY OR STORM PIPE OR STRUCTURE.
- 23. AUGER BORINGS PROVIDED BY LEGACY ENGINEERING, INC, DATED: 9/24/2021,
- 24. FLOOD ZONE BASED UPON FEMA INSURANCE RATE MAPS PANEL NOS. 12089C0335F, DATED: 12/17/2010,
- 25. FOR SEDIMENT AND EROSION CONTROL PLANS, DETAILS AND NOTES REFER TO DRAWINGS 17–18. CONTRACTOR TO COORDINATE WITH AUTHORITY FOR INSPECTIONS PRIOR TO CLEARING OPERATIONS.
- 26. ELEVATIONS ARE BASED ON NAVD 88.
- 27. TOPOGRAPHIC INFORMATION BASED ON SURVEY PROVIDED BY ETM SURVEYING & MAPPING, INC., DATED: 10/01/2021,
- 28. BOUNDARY INFORMATION BASED ON SURVEY PROVIDED BY ETM SURVEYING & MAPPING, INC., DATED: 9/2/2021,
- 29. ALL WORK AND MATERIALS SHALL BE IN COMPLETE ACCORDANCE WITH ALL RELATIVE SECTIONS OF "NASSAU COUNTY LAND DEVELOPMENT CODE", (LATEST REVISION) AND ALL CURRENT COUNTY STANDARD DETAILS. THE WORK SHALL ALSO BE PERFORMED AND TESTED IN ACCORDANCE WITH THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL INVESTIGATION REPORT PROVIDED BY LEGACY ENGINEERING, INC, DATED: 9/24/2021, IF MORE STRINGENT THAN CITY REQUIREMENTS.
- 30. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE CIVIL ENGINEER TO DETERMINE IF THIS PROJECT IS WITHIN THE COUNTY'S JURISDICTION FOR INSPECTION. IF SO THEN, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE COUNTY FOR PRE—CONSTRUCTION MEETING AND INSPECTIONS.
- 31. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THE EXISTING SOIL IN ALL LANDSCAPE AREAS FROM CONTAMINATION, INCLUDING BUT NOT LIMITED TO BASE MATERIALS SUCH AS LIMEROCK, CRUSHCRETE AND SHALL NOT BURY OR MIX BASE MATERIAL INTO SOILS USED FOR LANDSCAPE AREAS. LANDSCAPE AREAS INCLUDE ALL AREAS WITHIN THE LIMITS OF WORK THAT ARE SHOWN ON THE APPROVED LANDSCAPE PLANS TO BE COVERED BY PRESERVED VEGETATION, TURF, PLANT BEDS, MULCHED AREAS, AND TREES. CONTRACTOR SHALL PAY SPECIAL ATTENTION TO CLEAN—UP OF THE LANDSCAPED AREAS OF THE SITE THAT ARE ADJACENT TO ASPHALT PAVEMENT AND WHERE THE BASE MATERIAL IS STORED.
- 32. CONTRACTOR SHALL REMOVE ALL SURPLUS MATERIAL WITHIN 24" OF THE FINAL SURFACE FROM THE LANDSCAPE AREAS, IMMEDIATELY AFTER THE PLACEMENT OF THE BASE MATERIALS (LIMEROCK / CRUSHCRETE, ETC.). CONTRACTOR SHALL ALSO ENSURE THAT ALL SOIL THAT IS CONTAMINATED WITH BASE MATERIALS, WASTE, CONSTRUCTION DEBRIS, FUEL OR OTHER HAZARDOUS MATERIALS IS REMOVED FROM THE SITE AND PROPERLY DISPOSED OF PROPERLY IN ACCORDANCE WITH STATE, LOCAL AND FEDERAL LAWS. CONTRACTOR SHALL REMOVE ALL CONTAMINATED SOIL AND REPLACE WITH TOP SOIL.
- 33. CONTRACTOR SHALL NOT INSTALL THE TOP LAYER OF SOIL OR FINISH GRADING LANDSCAPE AREAS UNTIL THESE AREAS HAVE BEEN REVIEWED BY THE PROJECT ENGINEER.
- 34. PROJECT LOCATION: YULEE, FLORIDA.
- 35. THESE PLANS WERE GENERATED UTILIZING AUTOCAD CIVIL 3D 2019.

PAVING AND DRAINAGE NOTES:

- 1. ALL DRAINAGE STRUCTURES TO HAVE TRAFFIC BEARING GRATES.
- ALL DRAINAGE PIPE JOINTS ARE TO BE FILTER FABRIC WRAPPED.
 ALL INVERTS IN DRAINAGE STRUCTURES TO BE PRECAST OR BRICK WITH
- LAYER OF MORTAR BETWEEN EACH LAYER OF BRICK, OR REDDI-MIX CONCRETE WITH #57 STONE.

 4. ALL PIPE LENGTHS ARE SCALED DIMENSIONS. ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED TO CONFORM WITH COUNTY REQUIREMENTS AND
- SHALL BE CONSTRUCTED TO CONFORM WITH COUNTY REQUIREMENTS AND SHALL BE CONSTRUCTED TO CONFORM WITH CURBING, PROPERTY LINES AND LOW POINTS AS SHOWN ON THE PLANS.
- CONTRACTOR SHALL ENSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEAN AND FUNCTIONING PROPERLY AT TIME OF ACCEPTANCE.
- 6. THE CONTRACTOR SHALL PROVIDE ACCESSIBLE CURB RAMPS AT ALL SIDEWALK AND CURB CONNECTIONS. RAMPS SHALL MEET ALL APPLICABLE ADA REQUIREMENTS.

NASSAU COUNTY DEVELOPMENT REVIEW GENERAL NOTES

- ENGINEERING PLANS APPROVAL DOES NOT CONSTITUTE PERMISSION TO VIOLATE
- ANY ADOPTED FEDERAL, STATE, OR LOCAL LAW, CODE, OR ORDINANCE.

 2. ALL WORK WITHIN THE PUBLIC STREETS AND RIGHT-OF-WAYS SHALL CONFORM TO NASSAU COUNTY LAND DEVELOPMENT CODES (LDC), FDOT STANDARD INDICES, FLORIDA GREENBOOK, NASSAU COUNTY ROADWAY AND DRAINAGE STANDARDS, AND NASSAU COUNTY STANDARD DETAILS AS NECESSARY. FOR ANY DISCREPANCY BETWEEN STANDARDS, THE MOST STRINGENT SHALL PREVAIL.
- 3. PER NASSAU COUNTY ROADWAY AND DRAINAGE STANDARDS, ORDINANCE 99-17 SECTION 6.2.4, SITE SHALL BE CONSTRUCTED PER APPROVED CONSTRUCTION DRAWNGS. ANY SUBSTANTIAL DEVIATION SHALL BE CONCURRENTLY REVIEWED BY ENGINEER OF RECORD AND NASSAU COUNTY DEVELOPMENT REVIEW COMMITTEE PRIOR TO FIELD CHANGES.
- 4. A PRE-CONSTRUCTION MEETING WITH NASSAU COUNTY ENGINEERING SERVICES CONSTRUCTION INSPECTOR IS REQUIRED. ATTENDEES SHALL BE NASSAU COUNTY, ENGINEER OF RECORD, CONTRACTOR, TESTING FIRM, PAVING FIRM, AND UTILITY COMPANIES PER NASSAU COUNTY ORDINANCE 99-17 SECTION 7.2.3. NASSAU COUNTY MAY CANCEL PRE-CONSTRUCTION MEETING IF ATTENDEE LIST IS INADEQUATE. NASSAU COUNTY ENGINEERING SERVICES CAN BE REACHED AT 904-530-6225.
- 5. THE CONTRACTOR SHALL SCHEDULE AND COORDINATE ALL WORK WITH THE APPROPRIATE NASSAU COUNTY CONSTRUCTION INSPECTOR ASSIGNED TO THE PROJECT PER NASSAU COUNTY ORDINANCE 99-17 SECTION 7.2.
- 6. ALL WORK SHALL BE PERFORMED IN A SAFE MANNER. ALL SAFETY RULES AND GUIDELINES OF O.S.H.A. SHALL BE FOLLOWED. THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR ANY INJURIES TO HIS EMPLOYEES AND ANY DAMAGE TO PRIVATE PROPERTY OR PERSONS DURING THE COURSE OF THIS PROJECT.
- 7. PER NASSAU COUNTY ROADWAY AND DRAINAGE STANDARDS, ORDINANCE 99-17 SECTION 11.8.1, ANY DISTURBED AREAS WITHIN NASSAU COUNTY RIGHT-OF-WAY SHALL BE SODDED.
- 8. PER NASSAU COUNTY ROADWAY AND DRAINAGE STANDARDS, ORDINANCE 99-17 SECTION 7.4.1, AT THE TIME OF FINAL INSPECTION, GRASSING SHALL BE A MINIMUM OF SEVENTY PERCENT COVERAGE AND FULLY ESTABLISHED AND/OR SODDING TO BE ONE HUNDRED PERCENT COVERAGE AND STABILIZED.
- 9. ENGINEER OF RECORD APPROVED SHOP DRAWINGS SHALL BE PROVIDED TO NASSAU COUNTY CONSTRUCTION INSPECTOR A MINIMUM OF ONE WEEK BEFORE BEGINNING STRUCTURE INSTALLATION.
- 10. PARKING AT MAIL KIOSKS IS REQUIRED PER NASSAU COUNTY ROADWAY AND DRAINAGE STANDARDS, ORDINANCE 99-17 SECTION 8.4. MAIL KIOSK LOCATIONS ARE SUBJECT TO USPS POSTMASTER APPROVAL.
 11. THE DEVELOPER'S CONTRACTOR IS THE SINGLE RESPONSIBLE PARTY FOR THE
- PROPER IMPLEMENTATION OF AN EROSION PROTECTION SEDIMENT CONTROL (EPSC) WITHIN EACH LOT OR CONSTRUCTION SITE. THIS INCLUDES THE RESPONSIBILITY FOR THE ACTIONS/INACTIONS OF EMPLOYEES, SUBCONTRACTORS, AND/OR SUPPLIERS.
- 12. SIDEWALKS TO BE PROVIDED AND BUILT IN ACCORDANCE FLORIDA BUILDING CODE. ALL PROPOSED SIDEWALKS SHALL MEET ADA REQUIREMENTS.
- 13. THE CONTRACTOR SHALL COMPLY WITH CURRENT FLORIDA ACCESSIBILITY STANDARDS FOR ALL WORK ON THIS PROJECT.
- 14. PER ORDINANCE 99-17 SECTION 8.5.1, MINIMUM COVER FOR WATER LINES AND FORCE MAINS UNDER PAVEMENT SHALL BE 42" AND 36"IN GREEN AREAS.
- 15. ALL WATER, SEWER, AND STORM WATER CONSTRUCTION WITHIN NASSAU COUNTY ROW SHALL BE ACCOMPLISHED BY AN UNDERGROUND UTILITY CONTRACTOR LICENSED UNDER THE PROVISIONS OF CHAPTER 409 OF THE FLORIDA STATUTES.
- 16. NO WORK SHALL BE PERMITTED BETWEEN THE HOURS OF 7:00 PM 7:00AM WITHOUT PRIOR APPROVAL FROM NASSAU COUNTY ENGINEERING SERVICES.
- 17. ALL TREES REQUIRED TO BE PROTECTED SHALL BE FLAGGED FOR PROTECTION PRIOR TO CLEARING.18. ALL GRADING AND PLACEMENT OF COMPACTED FILL SHALL BE IN ACCORDANCE
- WITH THE LATEST NASSAU COUNTY SPECIFICATIONS.

 19. ANY DAMAGES (SIDEWALK, CURB, ASPHALT, DITCH GRADING, ET CETERA) WITHIN PUBLIC RIGHT—OF—WAY SHALL BE REPAIRED OR REPLACED IN ACCORDANCE
- PUBLIC RIGHT-OF-WAY SHALL BE REPAIRED OR REPLACED IN ACCORDANCE WITH NASSAU COUNTY SPECIFICATIONS. PROPOSED REPAIR METHOD SHALL BE APPROVED BY NASSAU COUNTY ENGINEERING SERVICES.

 20. ANY ASPHALT MILLINGS FROM NASSAU COUNTY ROW SHALL BE DELIVERED TO

THE ROAD DEPARTMENT LAYDOWN YARD LOCATED ON GENE LASSERRE

BOULEVARD OR PEA FARM ROAD. PLEASE CONTACT THE ROAD DEPARTMENT AT

(904) 530-6175.

21. PER NASSAU COUNTY ORDINANCE 99-17 SECTION 7.4.2 AND 7.4.4, AS-BUILT DRAWNGS SHALL BE SUBMITTED TO NASSAU COUNTY BEFORE A FINAL INSPECTION CAN BE SCHEDULED. AS-BUILTS SUBMITTALS WILL BE IN ACCORDANCE WITH NASSAU COUNTY AS-BUILT REQUIREMENT CHECKLIST. AS-BUILT DRAWINGS SHALL BE CERTIFIED BY REQUIRED LICENSED SURVEYOR

AND APPROVED BY ENGINEER OF RECORD.

NASSAU COUNTY STORMWATER DRAINAGE NOTES:

- 1. ALL STORMWATER DRAINAGE FACILITIES WITHIN PUBLIC RIGHT-OF-WAY AND PAVED AREAS, INCLUDING NASSAU COUNTY RIGHT-OF-WAY, TURN LANES, RESIDENTIAL ROADWAYS, DRIVE AISLES FOR MULTI-FAMILY DEVELOPMENTS, AND MAJOR DRIVE AISLES FOR COMMERCIAL DEVELOPMENTS SHALL BE LASER PROFILED PER FDOT SECTION 430.
- 2. A BUILDER CANNOT MODIFY THE COUNTY'S STORM WATER MANAGEMENT SYSTEM INCLUDING THE PIPES, INLETS, AREA DRAINS, DITCHES AND RELATED ELEMENTS TYPICALLY WITHIN THE STREET OR WITHIN A DRAINAGE EASEMENT WITHOUT THE PRIOR WRITTEN APPROVAL OF THE COUNTY ENGINEER OR DESIGNEE.
- 3. DRAINAGE EASEMENTS AND DITCHES SHOULD REMAIN FREE OF STOCKPILED SOIL, SEDIMENT, MUD, CONSTRUCTION MATERIALS/WASTE, ET CETERA AT ALL TIMES. POSITIVE STORMWATER FLOW MUST BE MAINTAINED THROUGHOUT CONSTRUCTION.
- 4. THE CONTRACTOR SHALL TEMPORARILY OR PERMANENTLY STABILIZE BARE SOIL AREAS AND SOIL STOCKPILES WHEN THE AREA IS INACTIVE FOR FOURTEEN DAYS OR MORE OR HAS REACHED FINISHED GRADE.
- 5. PER ORDINANCE 99-17 SECTION 11.11.5.4, ALL GRAVITY FLOW PIPE INSTALLATIONS SHALL HAVE A SOIL TIGHT JOINT PERFORMANCE UNLESS SPECIFIC SITE FACTORS WARRANT WATERTIGHT JOINT PERFORMANCE.
- 6. PER ORDINANCE 99-17 SECTION 10.6.5.1, IMMEDIATELY INSTALL ADDITIONAL EROSION PROTECTION SEDIMENT CONTROL MEASURES IF SEDIMENT IS LEAVING YOUR SITE. FAILURE TO CONTAIN SEDIMENT TO YOUR SITE MAY RESULT IN DELAYED INSPECTIONS, NOTICES OF VIOLATION, CITATIONS, FINES, PENALTIES, AND/OR STOP WORK ORDERS.
- PER 99-17 SECTION 10.1.2.A-E, STORMWATER MANAGEMENT FOR A PROJECT SHALL NOT HAVE ADVERSE EFFECTS ON ADJACENT PROPERTIES, DOWNSTREAM STRUCTURES, OR RIGHTS OF OTHER LANDOWNERS.

NASSAU COUNTY PAVING NOTES

- PER NASSAU COUNTY ROADWAY AND DRAINAGE STANDARDS, ORDINANCE 99-17 SECTION 12.2 AND 12.4, A CONSTRUCTION BOND AND 26-MONTH MAINTENANCE BOND WILL BE REQUIRED FOR ALL WORK WITHIN NASSAU COUNTY RIGHT-OF-WAY.
- 2. A PRE-PAVE MEETING IS REQUIRED PRIOR TO ANY PAVING OPERATIONS WITHIN NASSAU COUNTY ROW, RESIDENTIAL SUBDIVISIONS, OR MULTI-FAMILY DEVELOPMENTS.
- 3. APPROVED MIX DESIGNS SHALL BE PROVIDED TO NASSAU COUNTY CONSTRUCTION INSPECTOR 48 HOURS PRIOR TO PRE—PAVE MEETING OR PLACEMENT OF CONCRETE.
- 4. CONTRACTOR IS REQUIRED TO HAVE A CERTIFIED QC ASPHALT LEVEL II TECHNICIAN DURING ANY ASPHALT OPERATIONS WITHIN NASSAU COUNTY ROW, RESIDENTIAL SUBDIVISION, OR MULTI-FAMILY DEVELOPMENTS.
- 5. ALL BASES SHALL BE PRIMED IN ACCORDANCE WITH ORDINANCE 99-17 SECTION 11.5.2.3, NASSAU COUNTY STANDARD DETAILS, AND FDOT STANDARD SPECIFICATIONS.
- STANDARD SPECIFICATIONS.

 6. SIGNAGE AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH NASSAU COUNTY STANDARDS, MANUAL ON UNIFORM TRAFFIC CONTROL
- DEVICES (MUTCD), AND FDOT STANDARD PLANS.

 7. MAINTENANCE OF TRAFFIC (MOT) SHALL BE IN COMPLIANCE WITH FDOT STANDARD INDEX 600 SERIES.
- 8. ALL WORK, MATERIALS, AND TESTING PERFORMED WITHIN NASSAU COUNTY RIGHT-OF-WAY AND SINGLE-FAMILY/MULTI-FAMILY DEVELOPMENTS SHALL BE IN ACCORDANCE WITH THE CURRENT REVISION OF NASSAU COUNTY'S ORDINANCE 99-17 AND ALL CURRENT NASSAU COUNTY STANDARD
- 9. PER ORDINANCE 99-17 SECTION 11.9.2, ALL PAVEMENT MARKINGS WITHIN NASSAU COUNTY ROW SHALL BE LEAD FREE THERMOPLASTIC MEETING
- NASSAU COUNTY AND FDOT STANDARD SPECIFICATION LATEST EDITION.

 10. REMOVING PAVEMENT MARKINGS WITHIN NASSAU COUNTY ROW SHALL BE:
- a. GRINDING OR HYDRO-BLASTING ON WEATHERED ASPHALT SURFACES.b. HYDRO-BLASTING ONLY ON NEW ASPHALT SURFACES.
- c. PAINT BLACKOUT IS PROHIBITED.

RIGHT-OF-WAY

- PER ORDINANCE 99-17 SECTION 8.5.5, ANY DAMAGE TO PAVEMENT RESULTING FROM CONSTRUCTION OR PAVEMENT MARKING REMOVAL WITHINPUBLIC ROW NOT PLANNED AS PART OF THE PROJECT SHALL BE MILLED AND OVERLAID FOR ENTIRE WIDTH OF ROADWAY AND LENGTH OF DAMAGE PLUS 50' IN EACH DIRECTION.
 ALL UNDERGROUND UTILITIES, OR APPROPRIATE CONDUIT SLEEVES. THAT
- ARE TO BE INSTALLED UNDER PAVEMENT MUST BE INSTALLED PRIOR TO PREPARATION OF THE SUBGRADE FOR PAVEMENT.

 13. SINGLE VERTICAL JOINTS IN ROADWAY CONSTRUCTION SHALL BE AVOIDED IN MASSAUL COUNTY STANDARD.
- SINGLE VERTICAL JOINTS IN ROADWAY CONSTRUCTION SHALL BE AVOIDED IN NASSAU COUNTY RIGHT-OF-WAY USING NASSAU COUNTY STANDARD DETAIL #26.
- 14. ALL DRAINAGE STRUCTURES SHALL HAVE TRAFFIC BEARING GRATES THAT MEET OR EXCEED THE RATING FOR THE FACILITIES EXPECTED TRAFFIC.
 15. ALL CONCRETE SHALL BE A MINIMUM OF 3000 PSI WITHIN PUBLIC

- WATER, REUSE, & SEWER REQUIREMENTS
- . ALL WATER, REUSE WATER, SANITARY SEWER AND STORM SEWER CONSTRUCTION SHALL BE ACCOMPLISHED BY AN UNDERGROUND UTILITY CONTRACTOR, LICENSED UNDER THE PROVISIONS OF CHAPTER 489 FLORIDA STATUTES. THE CONTRACTOR SHALL FURNISH A COPY OF THE CURRENT LICENSE AND QUALIFIERS TO THE DESIGN ENGINEER PRIOR TO START OF CONSTRUCTION. ALL WATER, REUSE WATER AND SEWER CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH JEA STANDARDS, DETAILS AND MATERIALS MANUAL (LATEST REVISIONS) UNLESS MORE STRINGENT STANDARDS ARE SPECIFIED.
- 2. FIRE PROTECTION MAINS (NON-JEA OWNED WATER SYSTEMS) SHALL BE C-900 PVC DR18 PIPE AND SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH NFPA REQUIREMENTS BY A FLORIDA LICENSED CONTRACTOR QUALIFIED TO INSTALL FIRE PROTECTION MAINS. LOCAL PERMITTING AND INSPECTION OF FIRE PROTECTION SYSTEM INSTALLATION, FLUSHING AND TESTING IS REQUIRED. CONTRACTOR IS RESPONSIBLE FOR LOCAL PERMIT, NOTICE, AND COMPLIANCE WITH PERMIT.
- FINAL CONNECTION TO THE JEA SYSTEM MAY BE CONTINGENT UPON THE CONSTRUCTION, DEDICATION, AND FINAL ACCEPTANCE OF OFF-SITE
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER (AND THE JEA IF REQUIRED) ON ALL STRUCTURES AND MATERIALS, FOR REVIEW AND APPROVAL PRIOR TO PURCHASE OR FABRICATION OF ANY UTILITY PIPE OR STRUCTURE.
- 5. UNSUITABLE MATERIALS UNDER UTILITY PIPES AND STRUCTURES SHALL BE REMOVED AND REPLACED WITH SELECTED BACKFILL, PROPERLY COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
- 6. MECHANICALLY RESTRAINED JOINTS ARE REQUIRED ON PRESSURE MAINS AT VALVES, FITTINGS AND DEAD ENDS IN ACCORDANCE WITH JEA STANDARDS.
- 7. CONTRACTOR SHALL FURNISH AND INSTALL LOCATE WRING ON ALL PVC WATER MAINS, REUSE MAINS, FORCE MAINS, POLYETHYLENE AND PVC WATER SERVICES. INSTALLATION SHALL BE IN ACCORDANCE WITH JEA STANDARDS. DETAILS AND MATERIAL MANUAL. LATEST EDITION.
- 8. ALL POINTS OF CONNECTION FOR WATER, REUSE WATER AND SEWER MUST BE IN ACCORDANCE WITH THE AVAILABILITY RESPONSE FROM JEA.
- 9. F.D.E.P. PERMITS SUBMITTED THROUGH THE DEPARTMENT FOR PROCESSING SHALL BE IN CONFORMANCE WITH BOTH THE DESIGN PLANS AND THE WATER AND SEWER AVAILABILITY RESPONSE. ANY MINOR OR MAJOR DEVIATIONS BETWEEN THE PRELIMINARY DESIGN AND FINAL DESIGN SUBMITTAL SHALL REQUIRE REVISED F.D.E.P. PERMITS REFLECTING THESE CHANGES.
- 10. A JEA PRE-CONSTRUCTION CONFERENCE MUST BE HELD PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL CONTACT THE JEA NEW DEVELOPMENT PROJECT COORDINATOR: CHRIS BARRINGTON OR JEA DESIGNEE AT (904) 665-4081 TO SCHEDULE THIS CONFERENCE.
- 11. A TAP APPLICATION FEE IS REQUIRED AND SHALL BE PAID © 515 N. LAURA ST., 1ST FLOOR. THIS MUST BE ACCOMPLISHED PRIOR TO CONNECTION TO THE JEA'S SYSTEM (WATER, SEWER, REUSE). IN ADDITION, CAPACITY FEES MUST BE PAID AT TIME OF OR PRIOR TO THE TAP FEE AND WILL BE BASED ON THE TOTAL NUMBER OF FIXTURE UNITS AND OR AVERAGE DAILY FLOWS.
- 12. THE CONTRACTOR SHALL MINIMIZE SERVICE INTERRUPTIONS AND MAINTAIN ANY EXISTING WATER AND SEWER SERVICE TO MEET THE SYSTEM DEMANDS AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF AFFECTED CUSTOMERS AND UTILITY A MINIMUM OF 48 HOURS IN ADVANCE OF ANY INTERRUPTION OF SERVICE.
- 13. CONTRACTOR SHALL OBTAIN A COPY OF THE F.D.E.P. OR JEA WATER AND SEWER PERMITS FROM THE ENGINEER PRIOR TO START OF CONSTRUCTION AND MUST COMPLY WITH ALL CONDITIONS OF PERMIT(S).
- 14. ALL JEA ELECTRICAL CONDUIT WORK SHALL BE COMPLETED PRIOR TO THE PRESSURE TESTING OF WATER MAINS, REUSE MAINS AND SEWAGE FORCE MAINS. ALL PRESSURE TESTING AND PUMP TESTING SHALL BE WITNESSED BY JEA AND THE ENGINEER.

WATER AND REUSE MAINS

- 15. UNLESS OTHERWISE INDICATED, ALL WATER MAINS AND REUSE MAINS WILL BE PVC DR18, C-900/C-905 (AS APPROPRIATE) PIPE. ALL 2" MAINS SHALL BE HDPE CTS SDR 9.
- 16. WATER MAINS AND REUSE MAINS SHALL HAVE A MINIMUM OF 30" COVER UNDER UNPAVED AREAS AND 36" MINIMUM COVER FROM FINISHED GRADE UNDER PAVED AREAS UNLESS OTHERWISE SHOWN. ADDITIONAL COVER IS REQUIRED FOR VALVE INSTALLATION CLEARANCE FOR PIPE GREATER THAN 8 INCHES IN DIAMETER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT INSTALLED PIPING UNTIL FINAL ACCEPTANCE BY F.D.E.P. AND JEA.
- 17. ALL WATER MAINS AND REUSE MAINS SHALL BE FLUSHED IN ACCORDANCE WITH, AND UNDER THE DIRECTION OF THE JEA.
- 18. HORIZONTAL AND VERTICAL SEPARATION BETWEEN WATER MAINS AND REUSE MAINS AND HORIZONTAL AND VERTICAL SEPARATION BETWEEN WATER MAINS AND REUSE MAINS TO OTHER UTILITIES SHALL BE IN ACCORDANCE WITH JEA AND F.D.E.P. REQUIREMENTS.
- 19. ALL GATE VALVES SHALL BE JEA STANDARD. VALVES SHALL BE MECHANICAL JOINT, CAST IRON, BRONZE FITTED WITH RESILIENT SEAT. ALL VALVES SHALL OPEN BY TURNING TO THE LEFT. VALVES SHALL BE RATED AT 250 PSI WORKING PRESSURE AND 500 PSI TEST PRESSURE.
- 20. ALL NEW AND / OR RELOCATED WATER MAIN AND REUSE MAIN PIPE AND FITTINGS SHALL NOT CONTAIN MORE THAN EIGHT PERCENT LEAD, AND ALL PACKING AND JOINT MATERIALS USED IN THE JOINTS SHALL CONFORM WITH ALL APPLICABLE AWWA STANDARDS. ALL NEW AND / OR RELOCATED SERVICES AND PLUMBING SHALL CONTAIN NO MORE THAN EIGHT PERCENT LEAD AND ALL SOLDERS AND FLUX SHALL CONTAIN NO MORE THAN 0.2 PERCENT LEAD.

WATER, REUSE, & SEWER REQUIREMENTS

- 21. ALL FIRE HYDRANTS SHALL BE JEA STANDARD. FIRE HYDRANTS LOCATED WITHIN JEA RIGHT OF WAYS OR EASEMENTS SHALL BE PAINTED YELLOW. ALL PRIVATE FIRE HYDRANTS SHALL BE PAINTED RED, OR IN ACCORDANCE WITH LOCAL REQUIREMENTS.
- 22. ALL FIRE HYDRANTS THAT ARE SUPPLIED BY A FIRE PUMP AND SUBJECT TO HIGH PRESSURE (IN EXCESS OF 60 P.S.I.) SHALL BE PAINTED GREEN WITH RED LETTERS "H.P." APPROXIMATELY 2" HIGH. THESE LETTERS SHALL BE STENCILED ON THE HYDRANT IN A CONSPICUOUS / VISIBLE AREA.
- 23. ALL NEW FIRE HYDRANT INSTALLATIONS, PUBLIC AND PRIVATE, SHALL HAVE A BLUE F.D.O.T. TYPE REFLECTIVE PAVEMENT MARKER INSTALLED IN THE CENTER OF THE TRAFFIC LANE NEAREST THE NEW FIRE HYDRANT.
- 24. ALL WATER MAINS SHALL BE BACTERIOLOGICAL AND PRESSURE TESTED AT 150 PSI FOR 2 HOURS IN ACCORDANCE WITH AWWA STANDARDS AND JEA STANDARD REQUIREMENTS. NO CONNECTION TO THE EXISTING POTABLE WATER SYSTEM SHALL BE ALLOWED UNTIL ALL PROPOSED WATER LINES HAVE BEEN PRESSURE TESTED, DISINFECTED, AND CLEARED FOR SERVICE. THE ENGINEER MUST BE NOTIFIED 48 HOURS PRIOR TO PERFORMING THE PRESSURE TEST. DISINFECTION SHALL BE IN ACCORDANCE WITH AWWA-C-651. REUSE MAINS REQUIRE PRESSURE TEST ONLY.
- 25. ALL BACKFLOW PREVENTORS SHALL BE IN ACCORDANCE WITH JEA CROSS CONNECTION CONTROL PROGRAM. BACKFLOW PREVENTORS MUST BE TESTED AFTER INSTALLATION BY A CERTIFIED TESTER AND ANNUALLY THEREAFTER. THE CONTRACTOR SHALL CONTACT JEA COORDINATOR OR JEA DESIGNEE: DAVID KAPLAN AT (904) 665-5522. BACKFLOW PREVENTORS ON FIRE LINES OR COMBINATION FIRE/POTABLE MAINS SHALL BE HAVE FREEZE PROTECTION.
- 26. THE WATER TAPS DEPICTED ON THESE DESIGN PLANS SHALL BE CONSTRUCTED AS FOLLOWS: ALL POTABLE, REUSE, AND IRRIGATION WATER TAPS, FIRE LINE SERVICES AND FIRE HYDRANT INSTALLATIONS SHALL BE PERFORMED BY A LICENSED MASTER PLUMBER OR UNDERGROUND UTILITY CONTRACTOR UNDER THE FOLLOWING CONDITIONS:
- 1.) THE TAPS ARE TO BE SCHEDULED 48 HOURS IN ADVANCE WITH JEA.

 2.) TAPS REQUIRING METER INSTALLATIONS OF SIZE 2" AND BELOW MUST INCLUDE THE SERVICE PIPE, METER BOX, AND CORP. STOP SIZED READY TO ACCEPT THE METER INSTALLATION BY JEA FORCES.

 3.) JEA FORCES WILL INSTALL THE METER UPON APPLICATION AND PAYMENT BY LICENSED MASTER PLUMBER OR UTILITY CONTRACTOR AT JEA WATER AND SEWER, 515 N. LAURA ST., 1ST FLOOR.

 4.) ALL TAPS REQUIRING METER INSTALLATIONS OF SIZE 3" AND BYPASS INSTALLATION. VAULT FURNISHED BY CONTRACTOR.
- 27. WATER METERS SHALL NOT BE LOCATED WITHIN PAVEMENT, CURB AND GUTTER OR DRIVEWAYS.

INSTALLATION BY JEA FORCES. SPECIAL ESTIMATE REQUIRED.

28. IF SOLVENT CONTAMINATION IS FOUND IN THE PIPE TRENCH, WORK SHALL BE STOPPED AND THE PROPER AUTHORITIES NOTIFIED. WITH APPROVAL OF THE PERMITTING AGENCY, DUCTILE IRON PIPE, FITTINGS AND SOLVENT RESISTANT GASKET MATERIAL SUCH AS FLUOROCARBON SHALL BE USED IN THE CONTAMINATED AREA. THE DUCTILE PIPE SHALL EXTEND AT LEAST 100 FEET BEYOND ANY SOLVENT NOTED. ANY CONTAMINATED SOIL THAT IS EXCAVATED SHALL BE PLACED ON AN IMPERMEABLE MAT AND COVERED WITH A WATERPROOF COVERING. THE PROPER AUTHORITIES WILL BE NOTIFIED AND THE CONTAMINATED SOIL HELD FOR PROPER DISPOSAL.

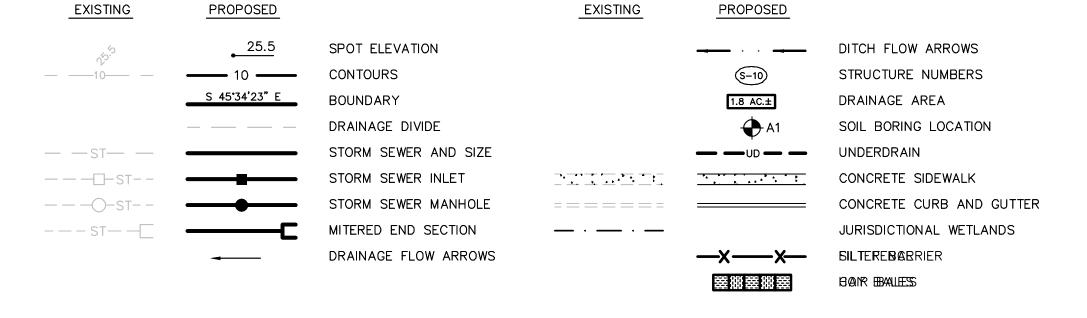
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MAIN PROFILE SHEET(S).

- 29. ALL SEWER MAINS, SERVICES, AND FITTINGS SHALL BE PVC
 (ASTM-3034) SDR 26 UNLESS OTHERWISE INDICATED. FORCE MAINS
 SHALL BE PVC DR 18 PIPE UNLESS OTHERWISE INDICATED. FORCE
 MAINS SHALL BE PRESSURE TESTED THE SAME AS WATER AND REUSE
- 30. SANITARY SEWER SERVICES SHALL BE 6" PVC WITH A MINIMUM SLOPE OF 1.04% AND SHALL BE TERMINATED AT THE RIGHT-OF-WAY LINE WITH A DEPTH OF 30" TO 60" UNLESS OTHERWISE DETAILED OR RESTRICTED DUE TO DEPTH OF SEWER MAIN. FORCE MAINS SHALL HAVE A MINIMUM COVER OF 30 INCHES IN UNPAVED AREAS AND 36 INCHES IN PAVED AREAS UNLESS OTHERWISE INDICATED. SEE FORCE
- 31. SEWER LINES AND FORCE MAINS ARE DESIGNED TO FINISHED GRADES AND SHALL BE PROTECTED UNTIL WORK IS COMPLETED AND ACCEPTED BY F.D.E.P AND JEA.
- 32. PRIOR TO THE PLACEMENT OF THE LIMEROCK BASE COURSE, THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER A SCHEDULE OF INVERT ELEVATIONS OF ALL SANITARY MANHOLES. THIS SCHEDULE SHALL BE PROVIDED BY THE REGISTERED LAND SURVEYOR SUBMITTING THE "AS-BUILT" DRAWNGS FOR THIS PROJECT.
- 33. THE CONTRACTOR SHALL INSTALL ANY ADDITIONAL AIR RELEASE VALVES AT CHANGES IN ELEVATION OF 2 FT. DUE TO ACTUAL FIELD CONDITIONS OR CONFLICTS NOT IDENTIFIED ON THESE DESIGN PLANS.
- 34. TELEVISION INSPECTION SHALL BE REQUIRED ON ALL GRAVITY SEWER MAINS. INSPECTION SHALL BE RECORDED ON VIDEO TAPE OR DVD. ALL LINES ARE TO BE CLEANED AND FLUSHED PRIOR TO INSPECTION. A FULL WRITTEN REPORT AS TO THE CONDITION OF THE PIPE WITH PERTINENT DATA SUCH AS DISTANCE BETWEEN MANHOLES, LOCATION OF SERVICES, ETC. SHALL BE SUBMITTED TO THE OWNER AND ENGINEER PRIOR TO ACCEPTANCE AND ONE COPY OF THE VIDEO INSPECTION SHALL BE SUBMITTED TO THE JEA. ALL DEFECTIVE AREAS AND ITEMS SHALL BE REPLACED OR REPAIRED PRIOR TO FINAL ACCEPTANCE. ALL REPAIRED SECTIONS MUST BE REINSPECTED PRIOR TO ACCEPTANCE. THE MAXIMUM DEFLECTION SHALL NOT EXCEED 7.5% OF THE NOMINAL DIAMETER IN ACCORDANCE WITH JEA STANDARDS. INFILTRATION AND/OR EXFILTRATION TESTING OF GRAVITY SEWERS MAY BE REQUIRED IF DEEMED NECESSARY BY THE ENGINEER. THE MAXIMUM ALLOWABLE INFILTRATION-EXFILTRATION RATE WILL BE 50 GALLONS PER INCH DIAMETER PER MILE PER DAY.

BACKFLOW PREVENTER

WATER AND SEWER LEGEND



PAVING AND DRAINAGE LEGEND

EXISTING PROPOSED

SANITARY SEWER LINE

SANITARY SEWER SERVICE

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FIRE PROTECTION MAIN

ANDREW HOLLEY

ANDREW HOLLEY

P.E. NUMBER: 71

P.E. NUMBER: 71

2023.05.01—REV. PER CLIENT COMMENT 2022.07.27—REV. PER AGENCY COMMENT 2022.11.23—REV. PER AGENCY COMMENT 2023.03.02—REV. PER AGENCY COMMENT 2023.05.01—REV PER AGENCY COMMENT

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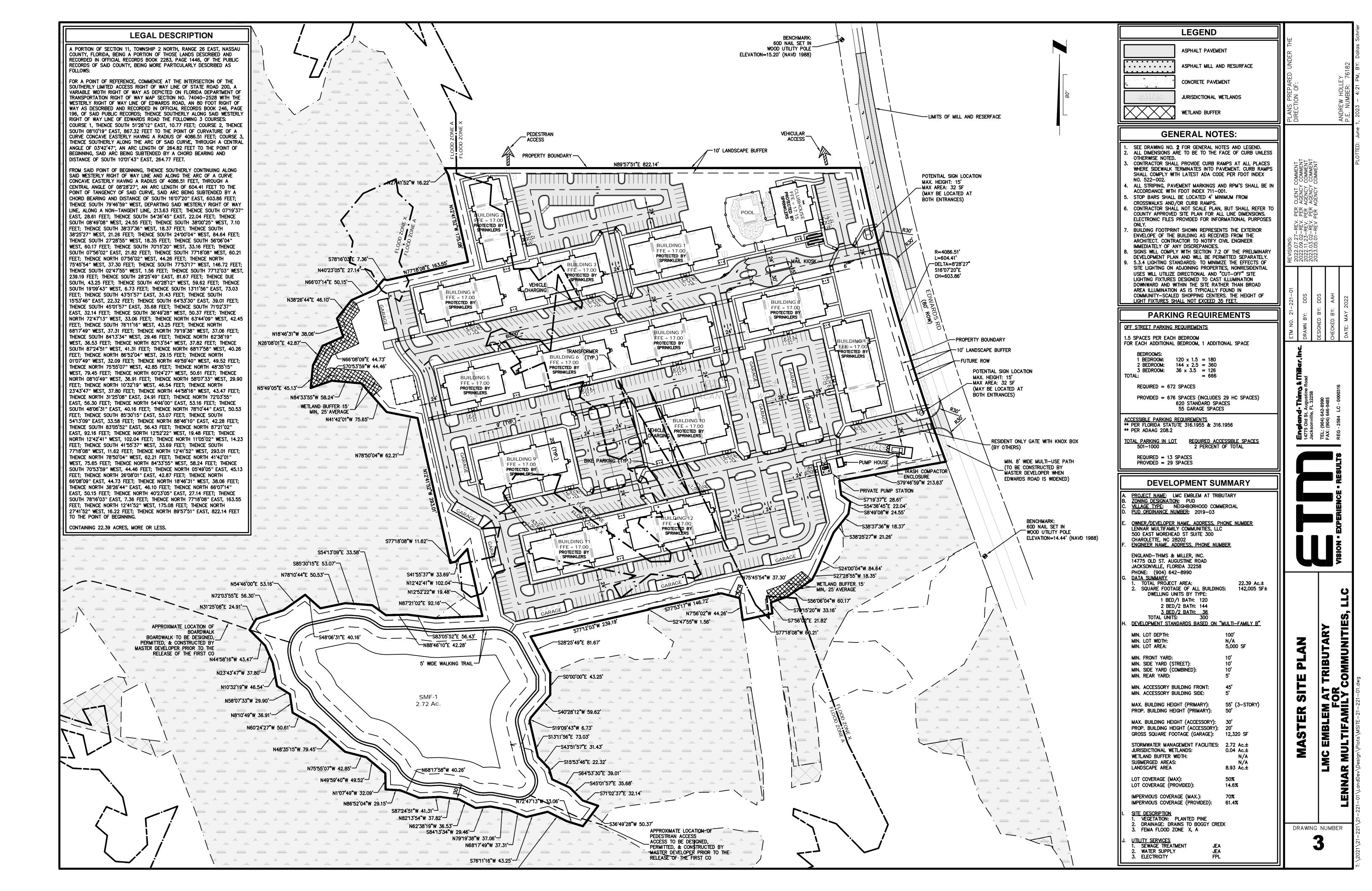


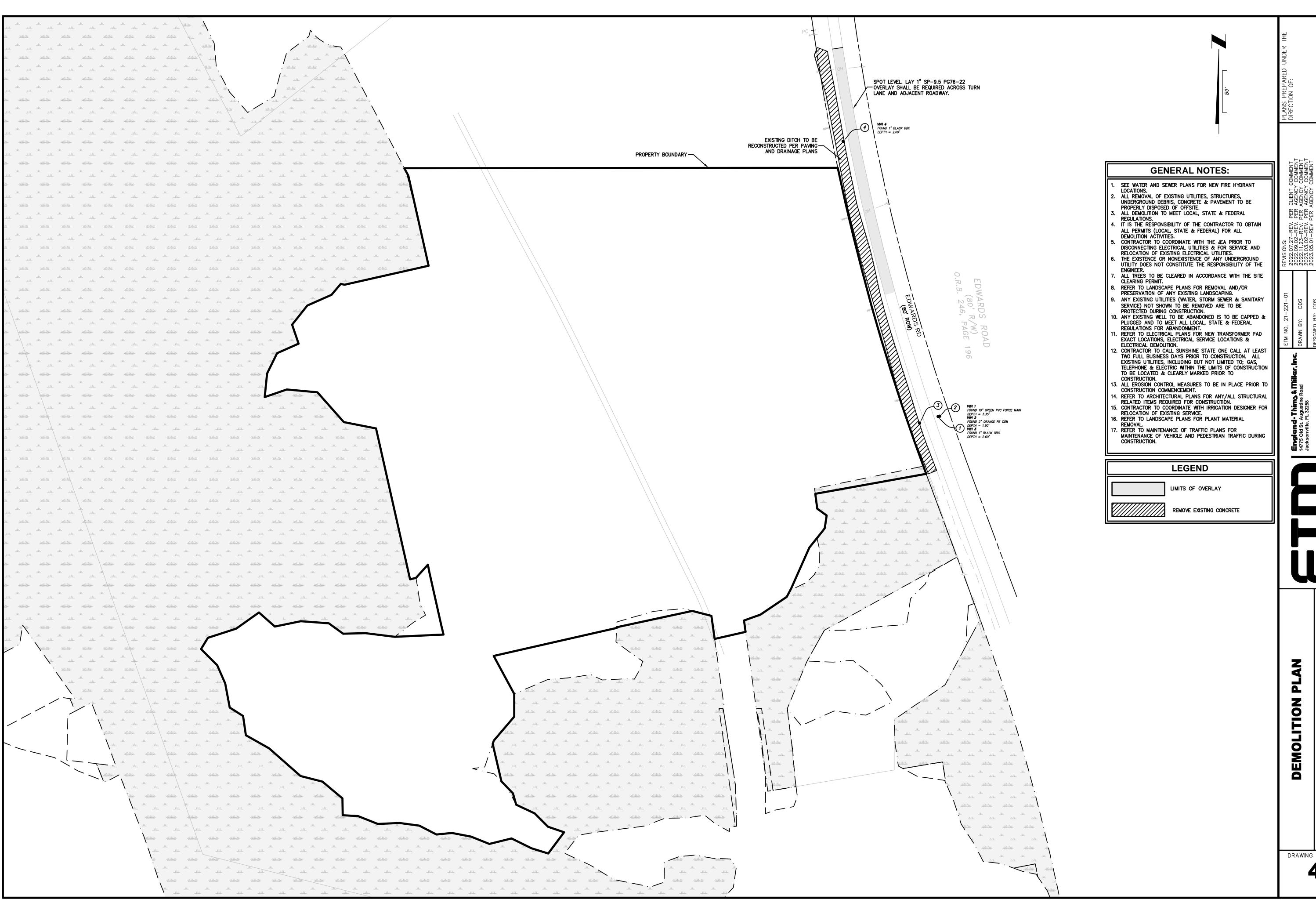
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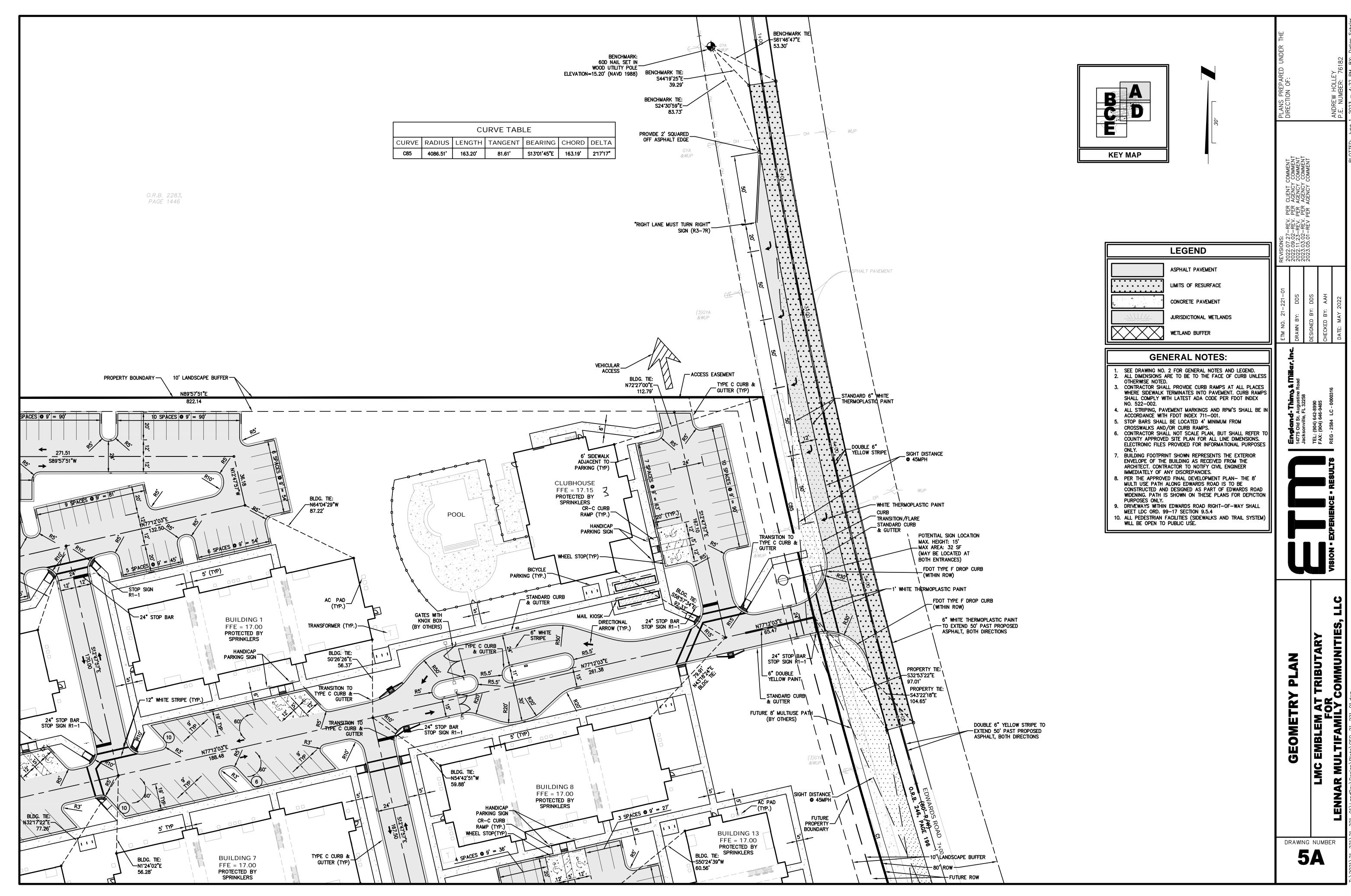
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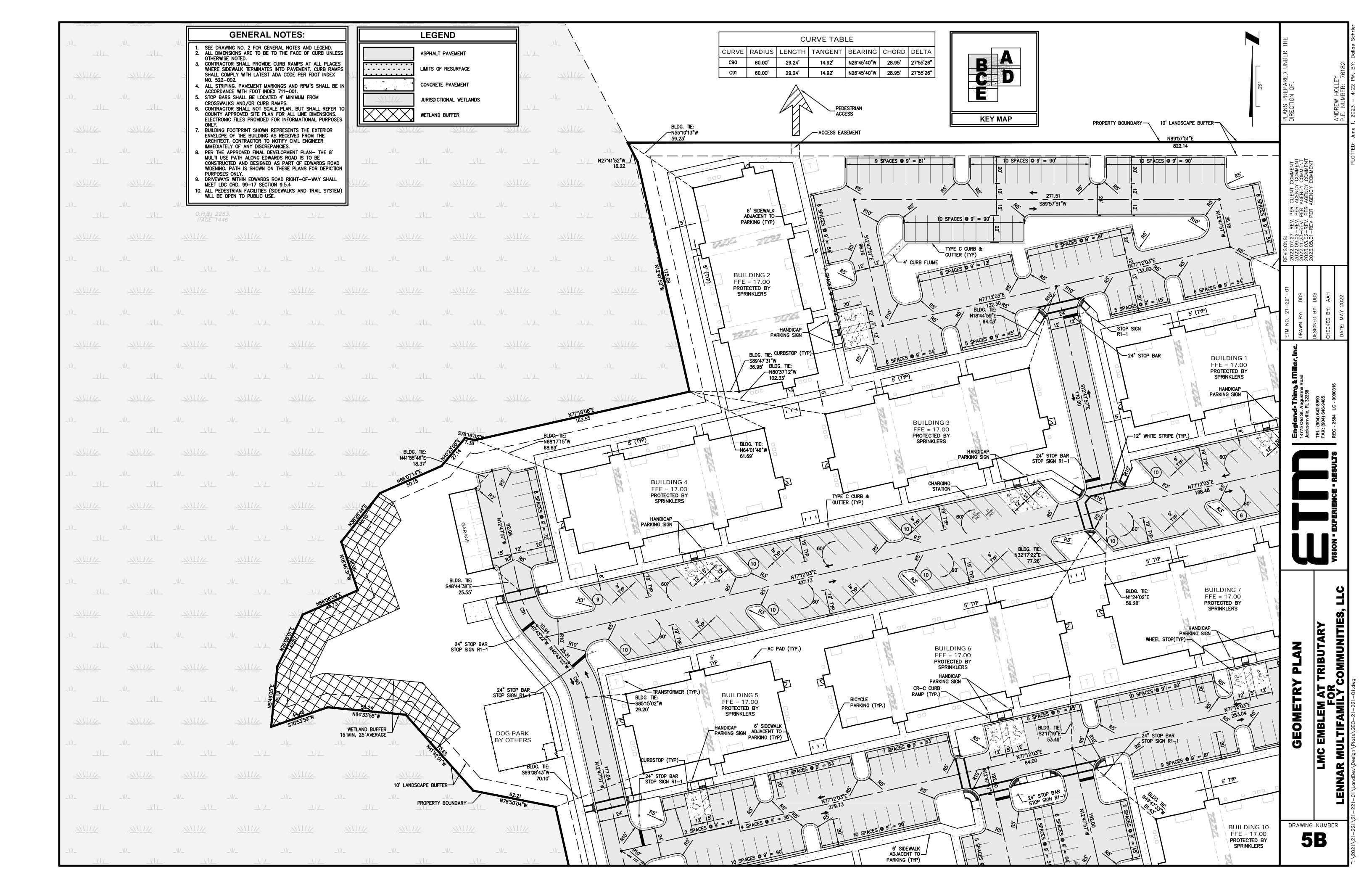
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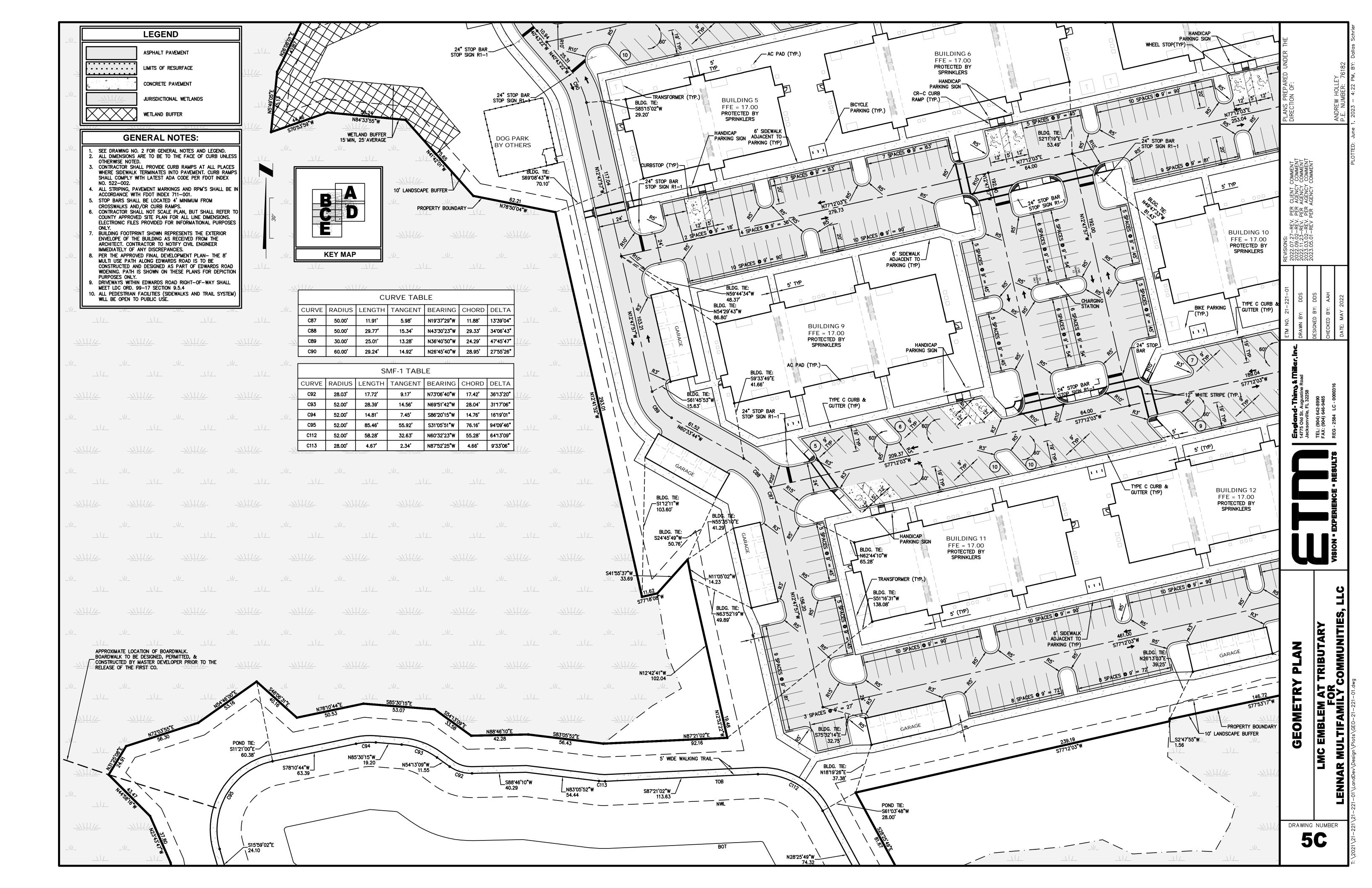


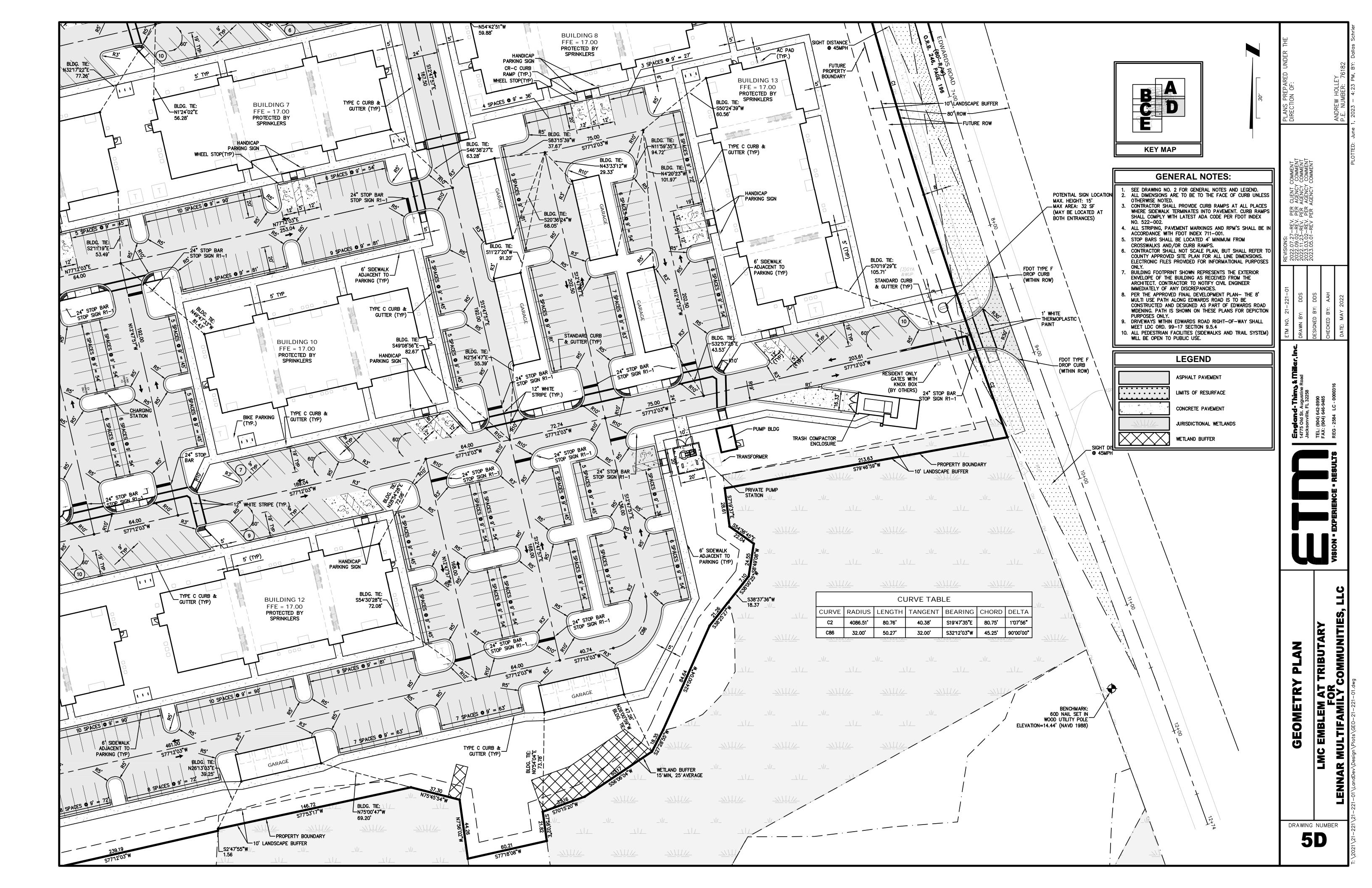


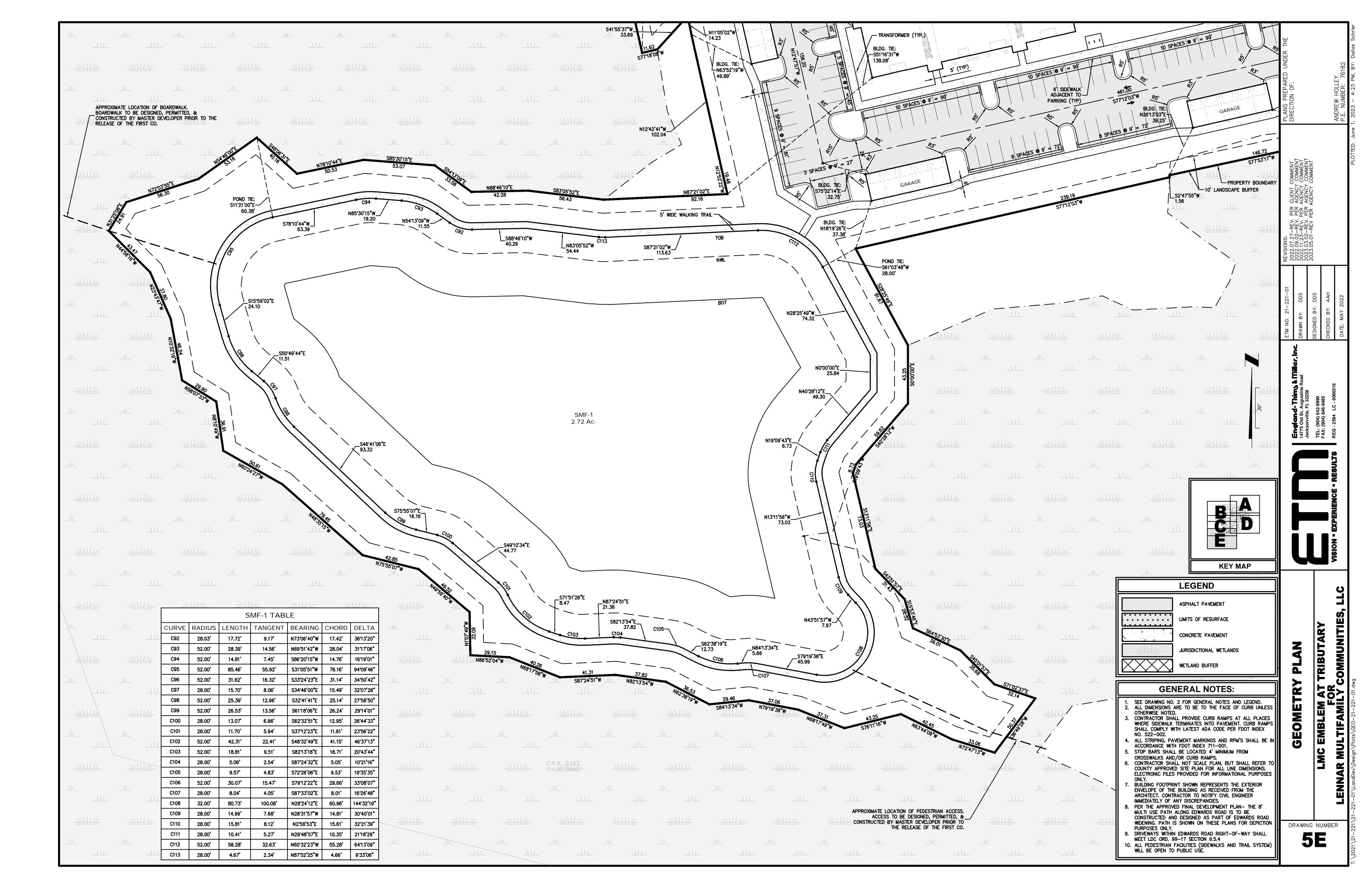


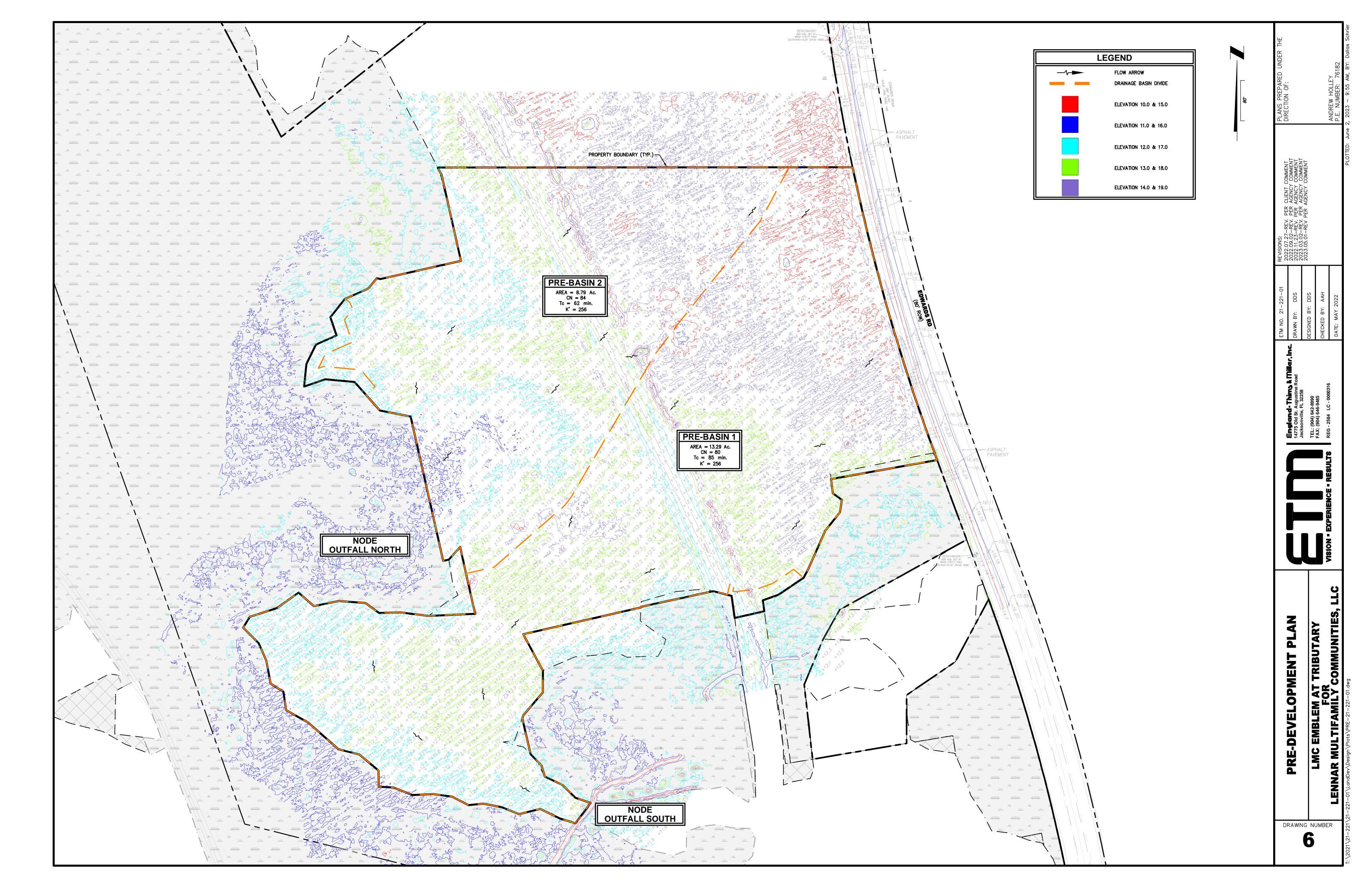


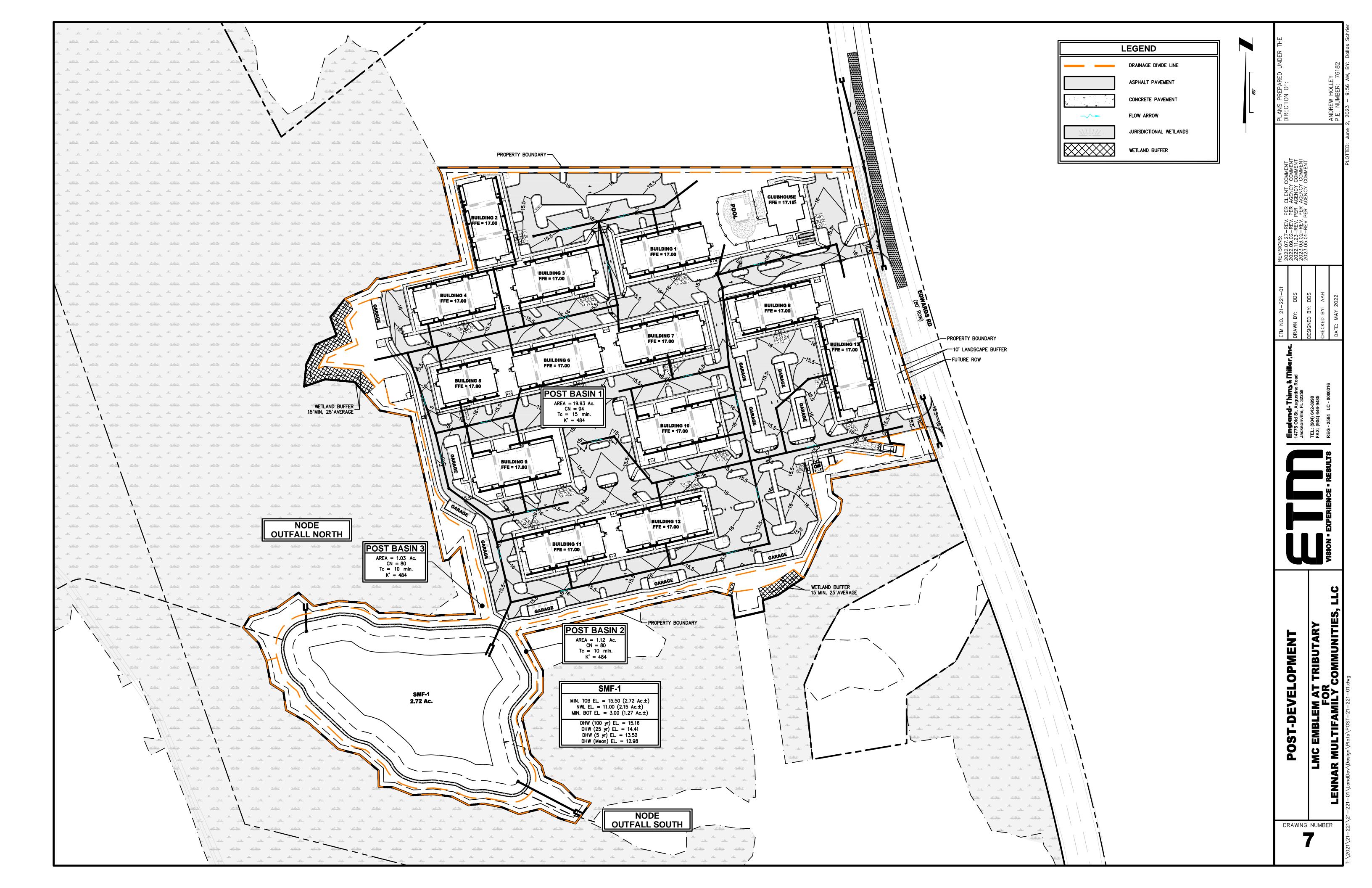














KEY MAP

DRAINAGE DIVIDE LINE DRAINAGE SUB-DIVIDE LINE GEOTECHNICAL AUGER/BORING/ TEST PIT LOCATIONS ASPHALT PAVEMENT

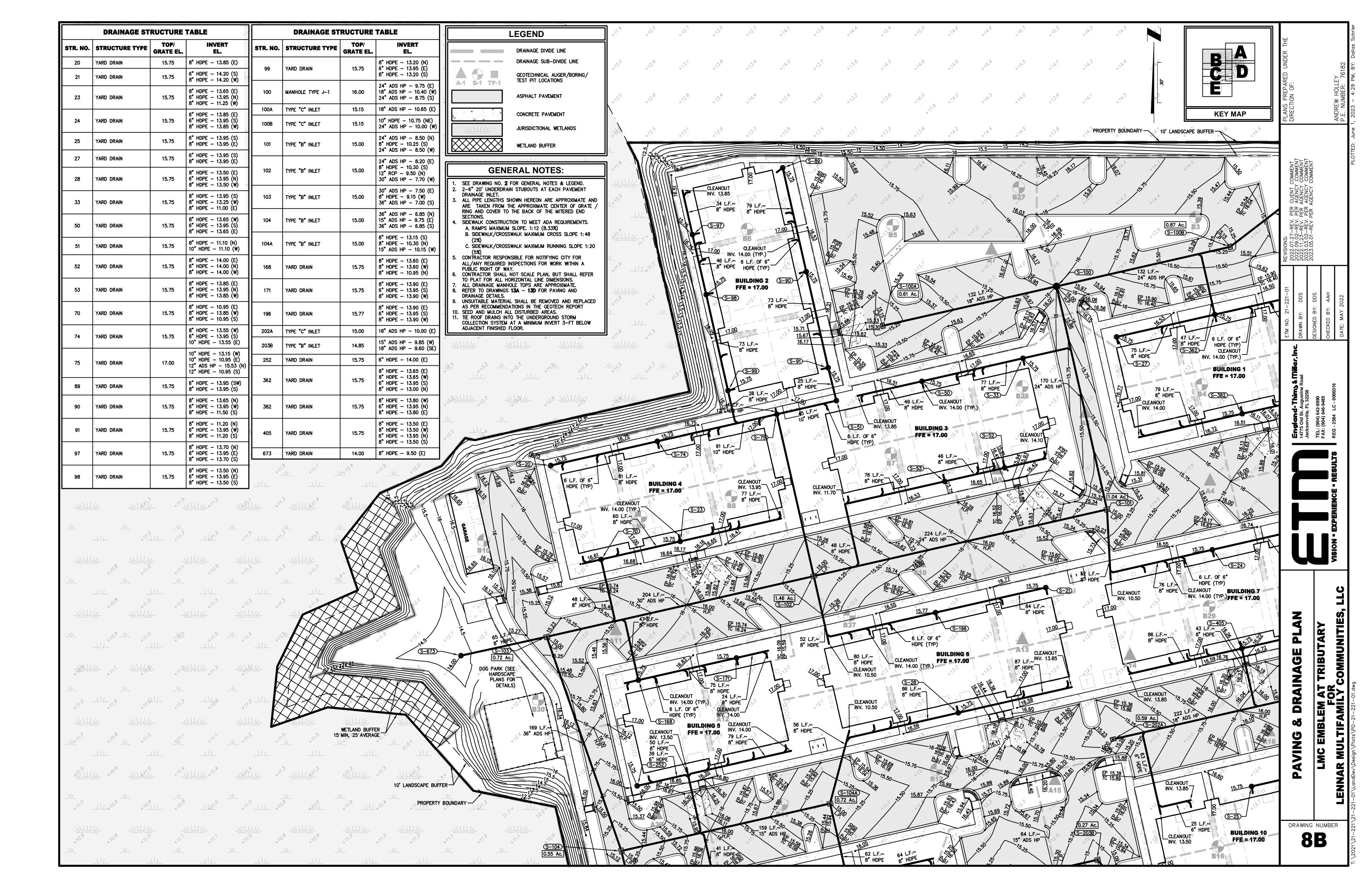
- . SEE DRAWING NO. 2 FOR GENERAL NOTES & LEGEND. 2. 2-6" 20' UNDERDRAIN STUBOUTS AT EACH PAVEMENT
- 3. ALL PIPE LENGTHS SHOWN HEREON ARE APPROXIMATE AND ARE TAKEN FROM THE APPROXIMATE CENTER OF GRATE /
- RING AND COVER TO THE BACK OF THE MITERED END 4. SIDEWALK CONSTRUCTION TO MEET ADA REQUIREMENTS.
- B. SIDEWALK/CROSSWALK MAXIMUM CROSS SLOPE 1:48
- C. SIDEWALK/CROSSWALK MAXIMUM RUNNING SLOPE 1:20
- ALL/ANY REQUIRED INSPECTIONS FOR WORK WITHIN A
- TO PLAT FOR ALL HORIZONTAL LINE DIMENSIONS.
- 8. REFER TO DRAWINGS 13A 13D FOR PAVING AND
- AS PER RECOMMENDATIONS IN THE GEOTECH REPORT
- 11. TIE ROOF DRAINS INTO THE UNDERGROUND STORM COLLECTION SYSTEM AT A MINIMUM INVERT 3-FT BELOW

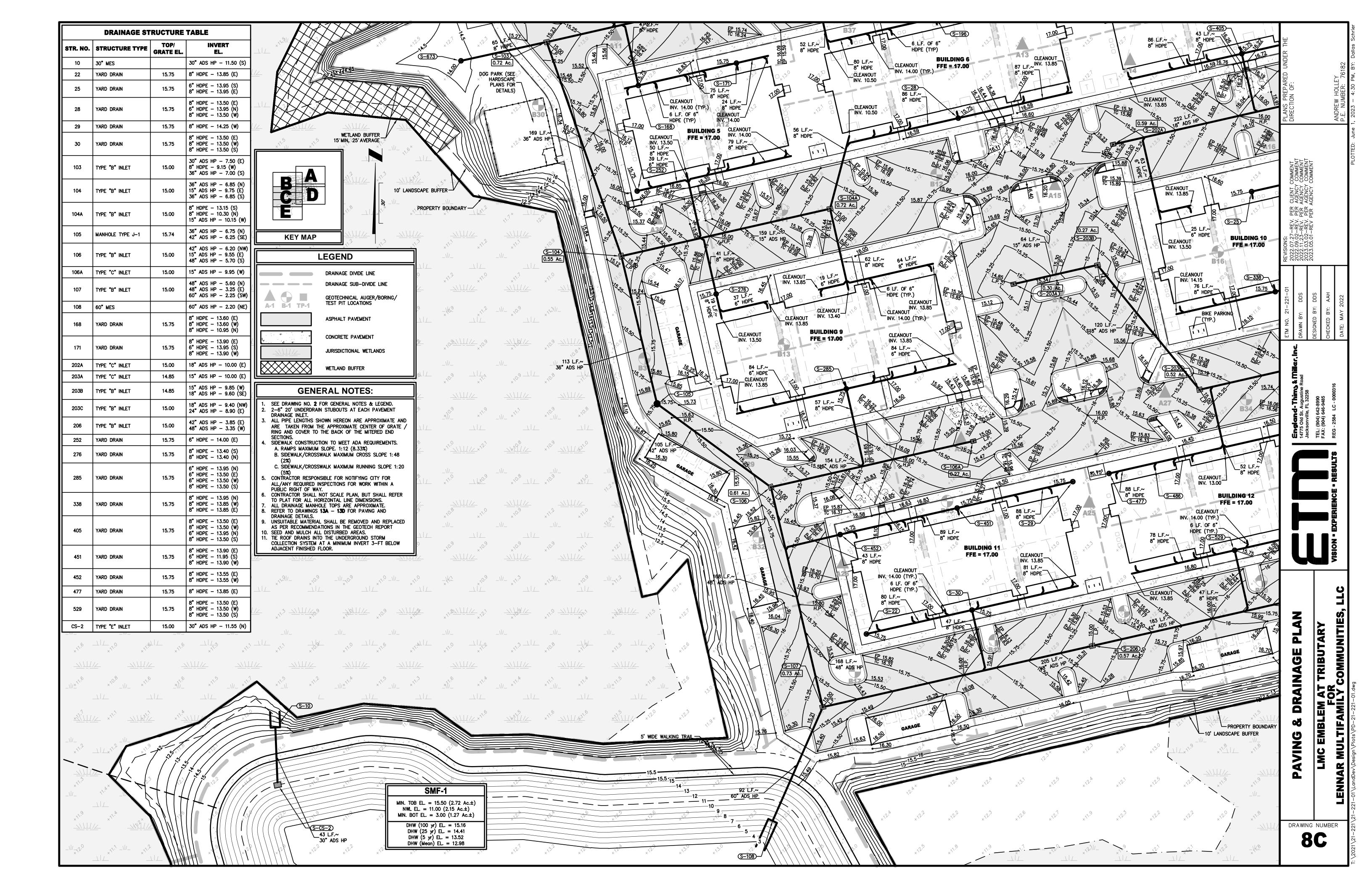
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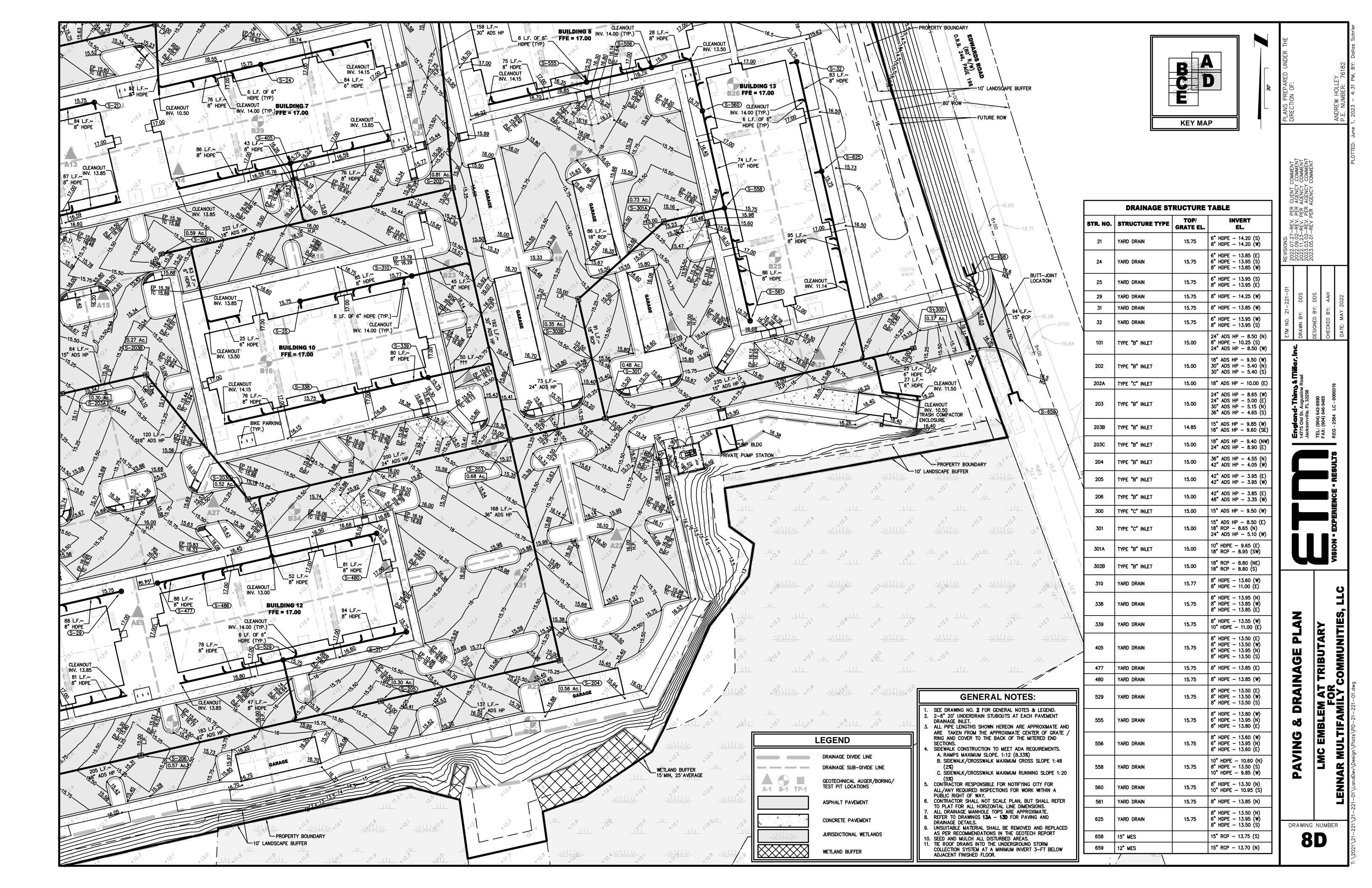
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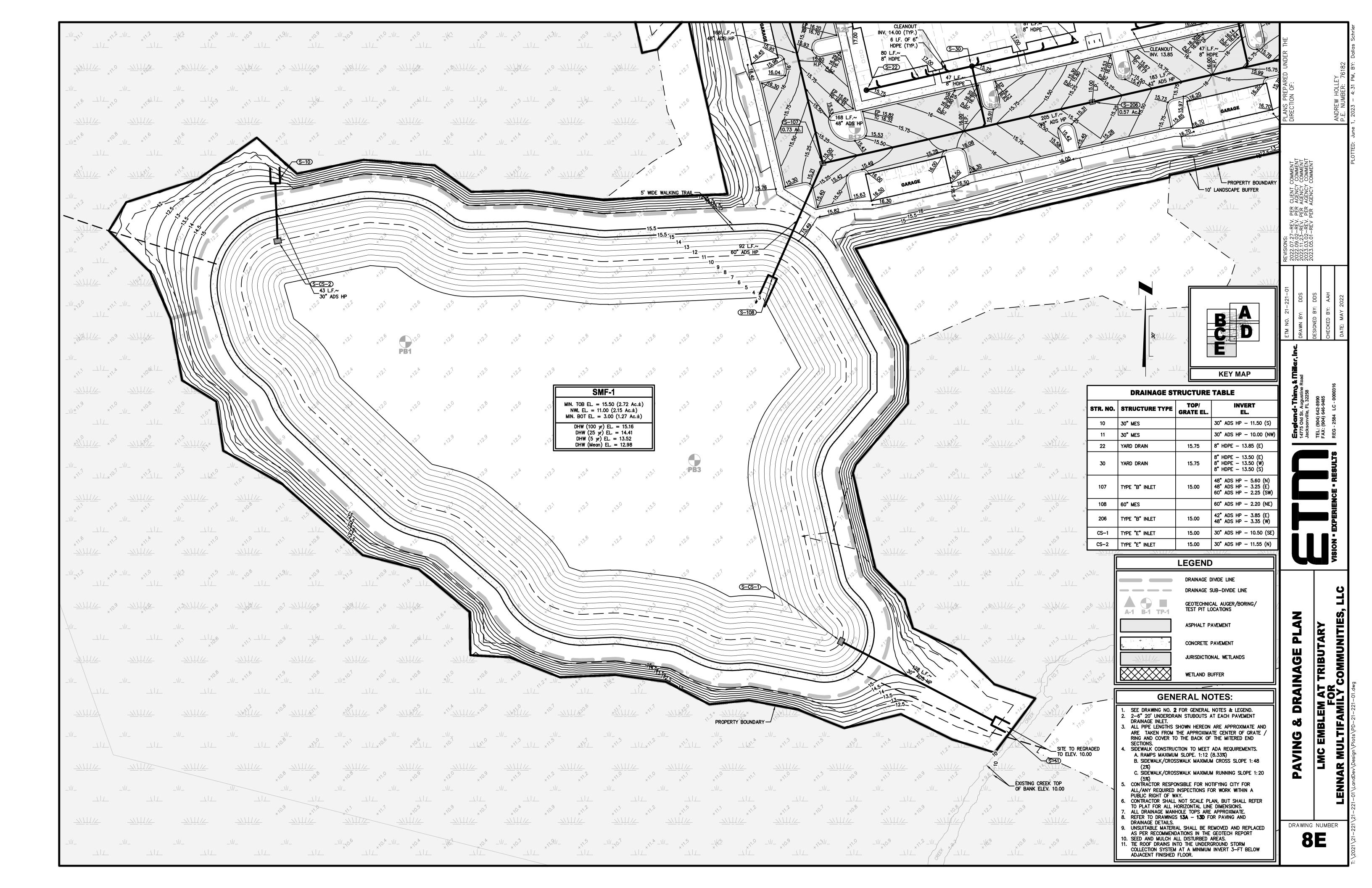
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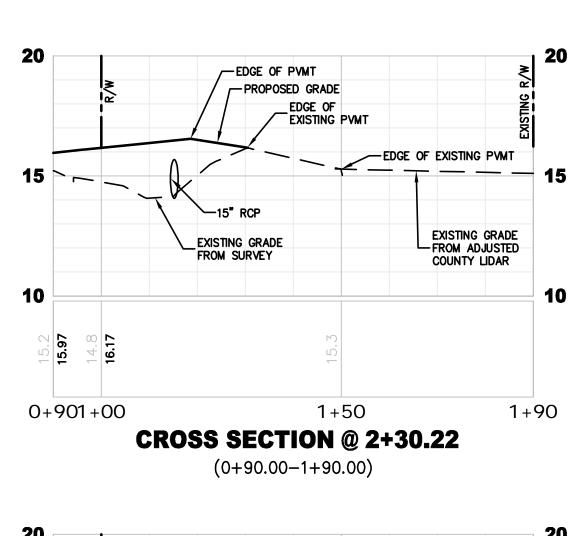
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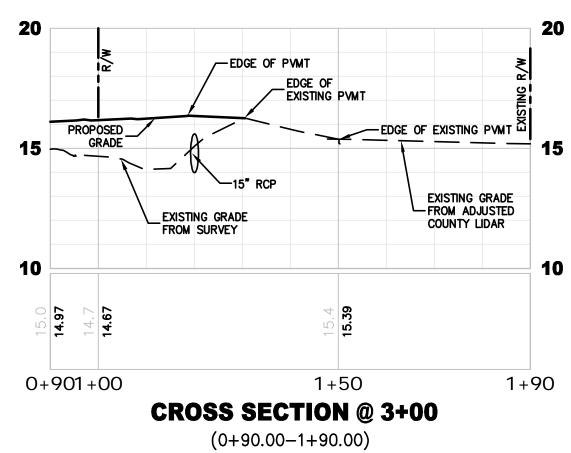


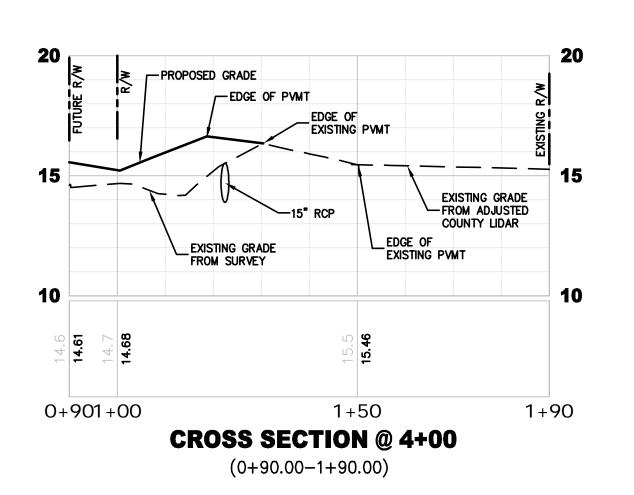


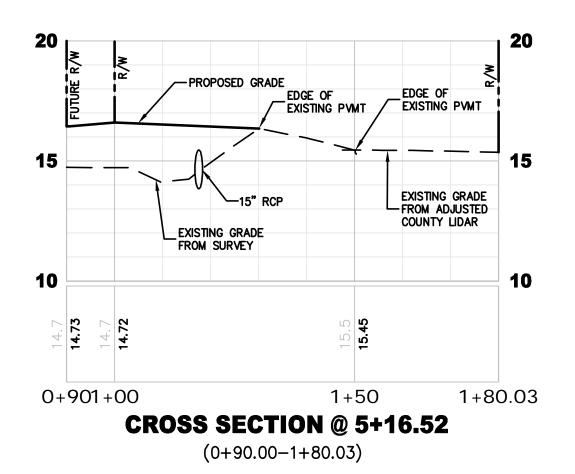


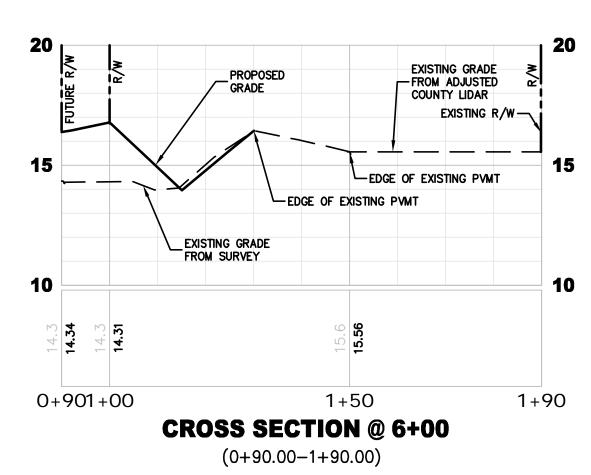


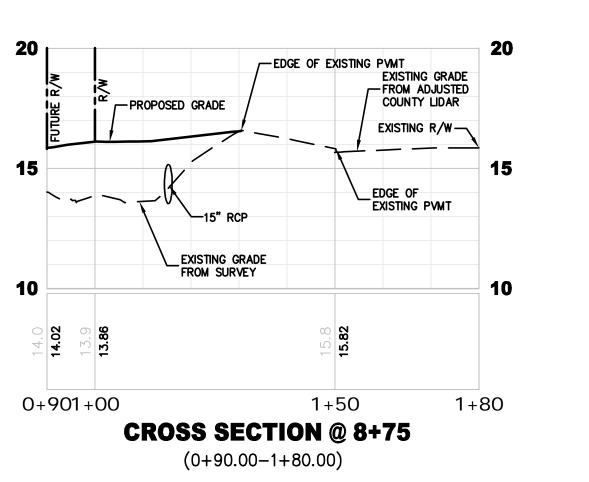






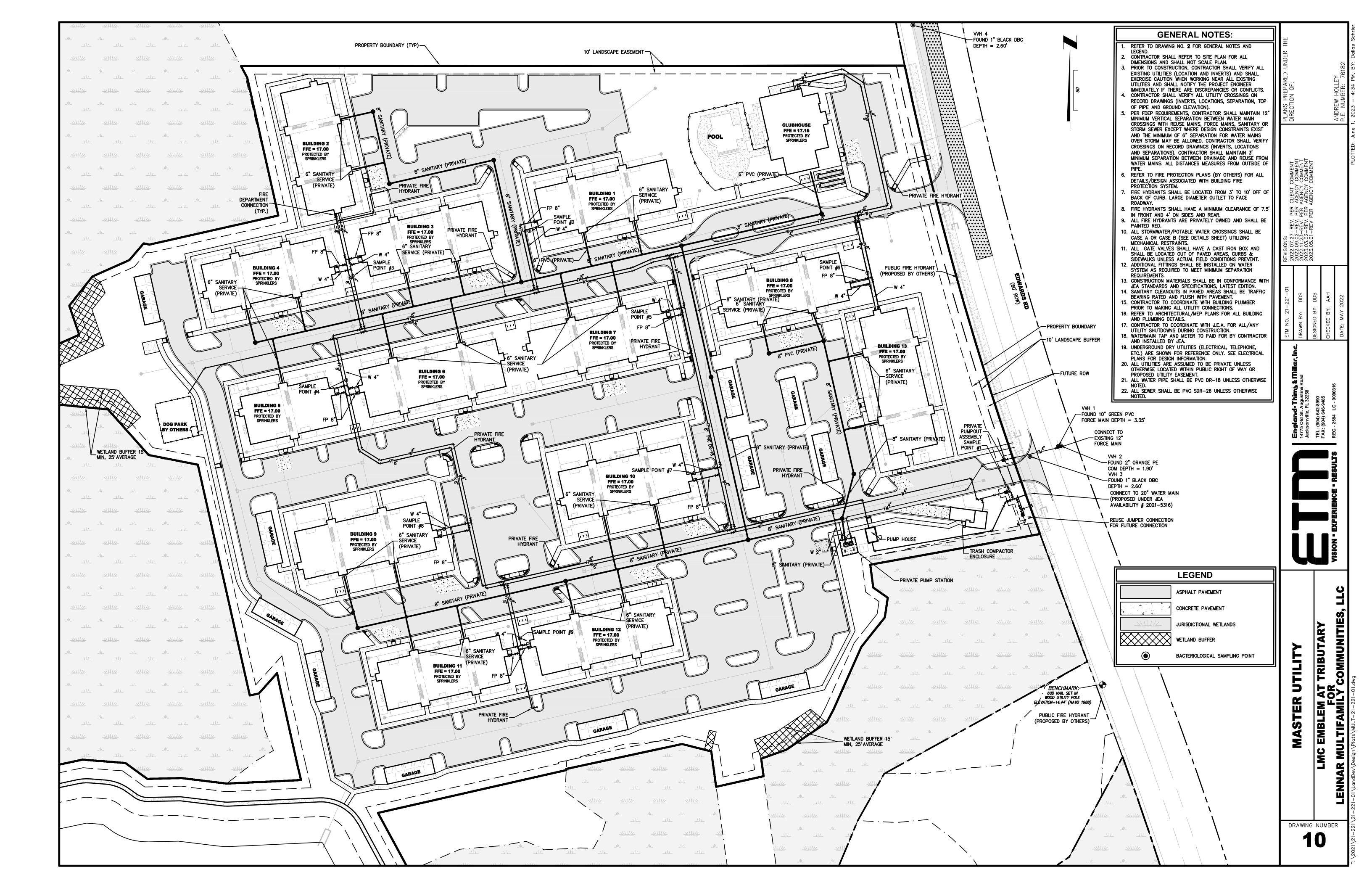


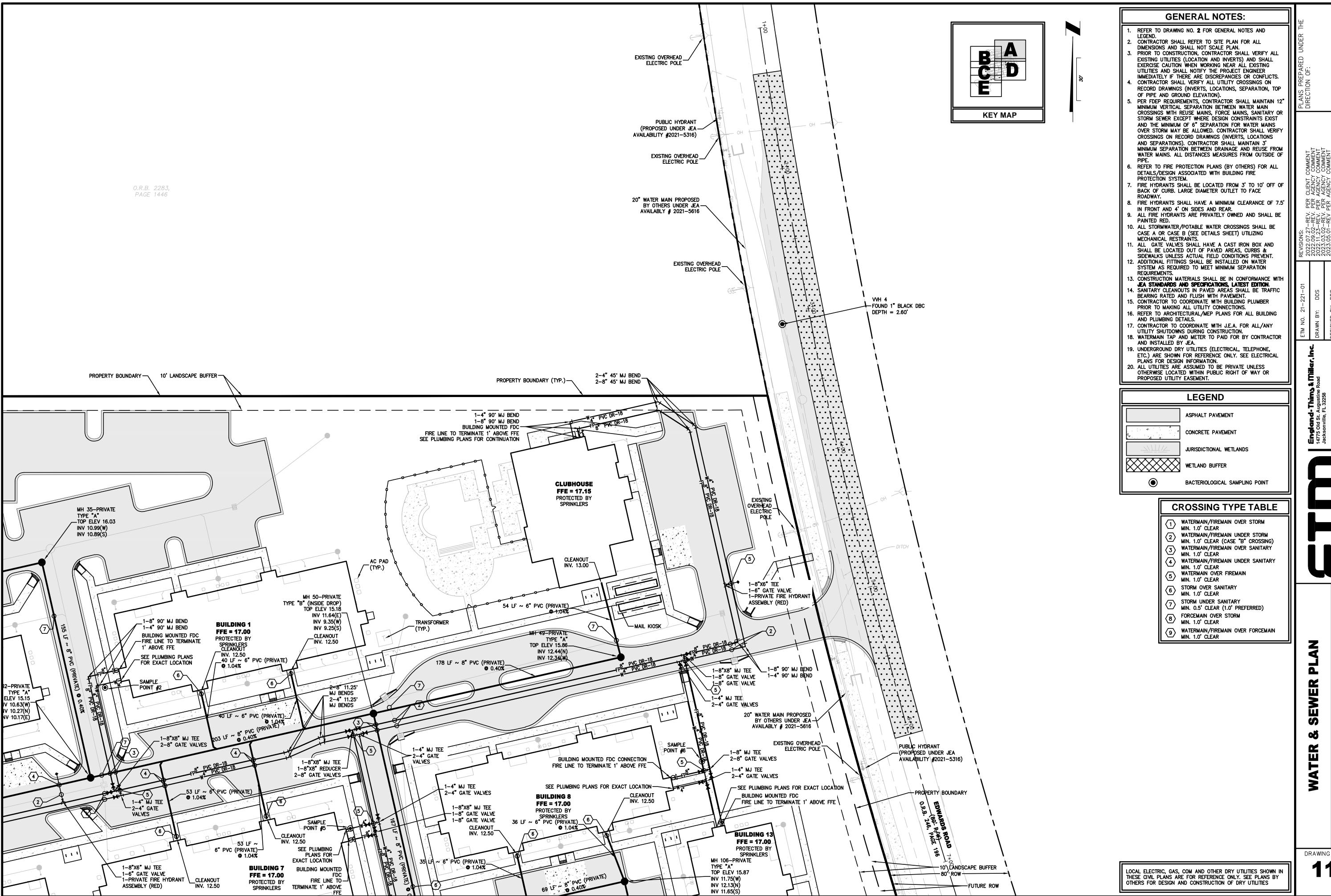




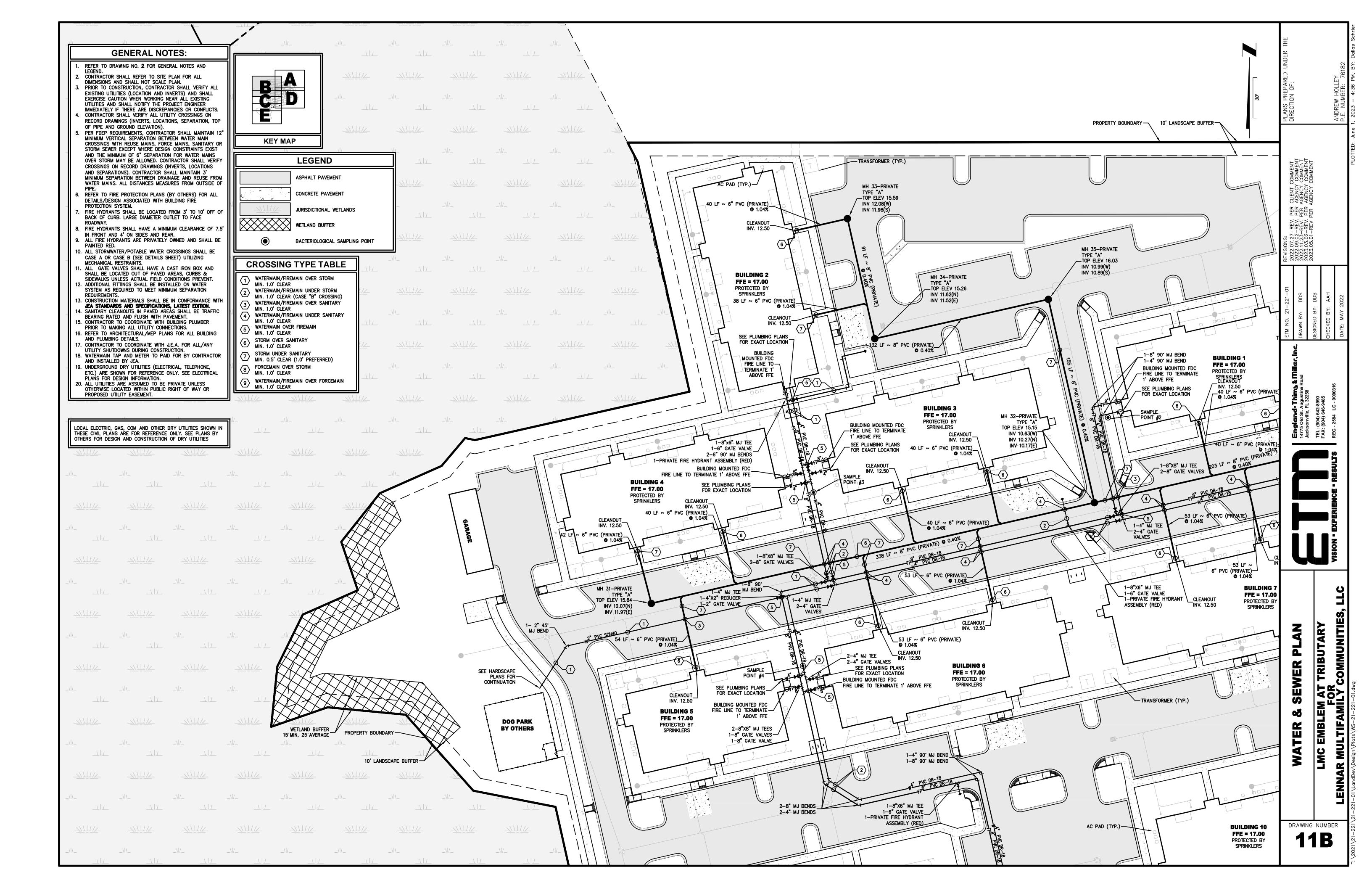
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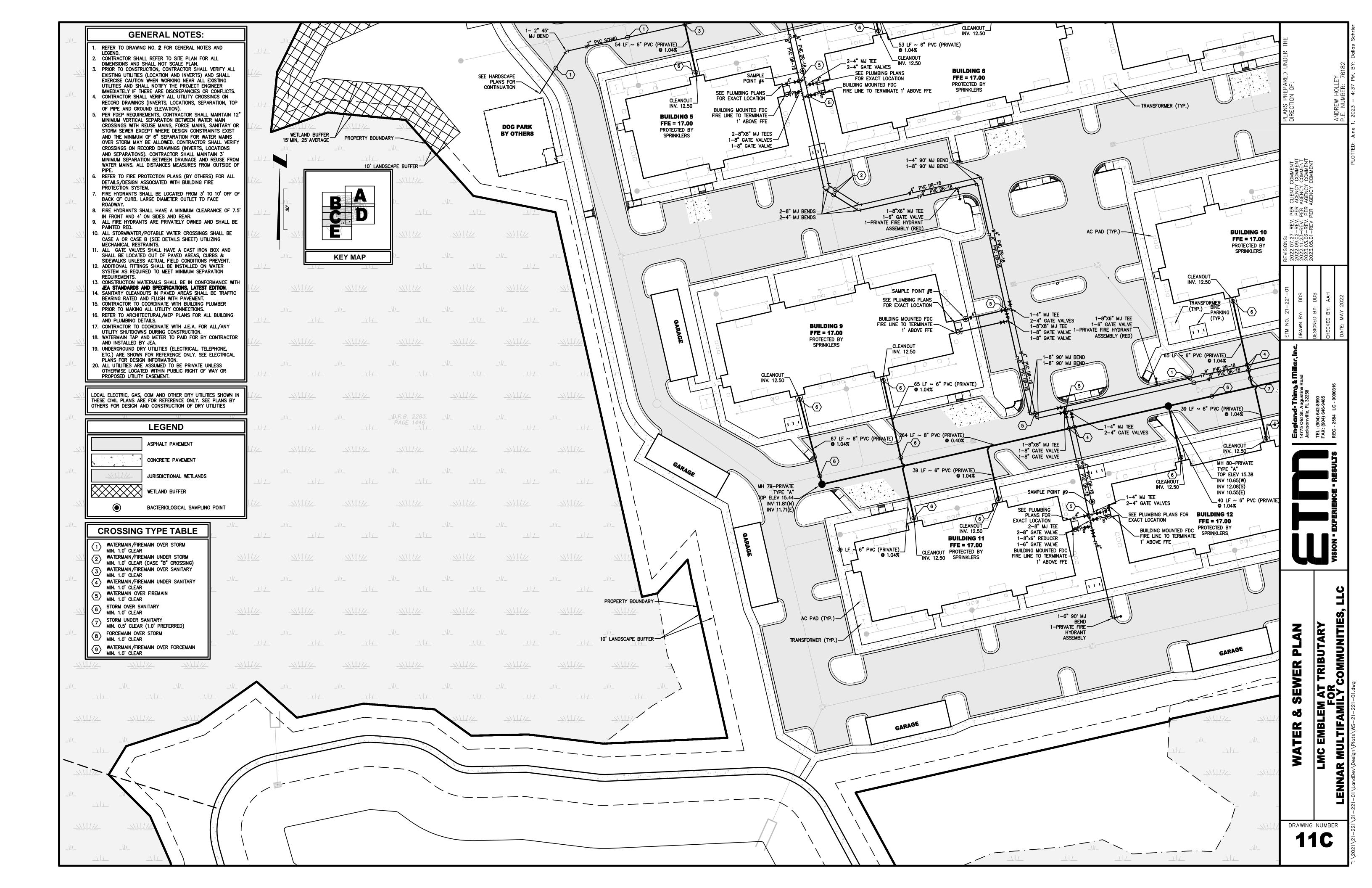
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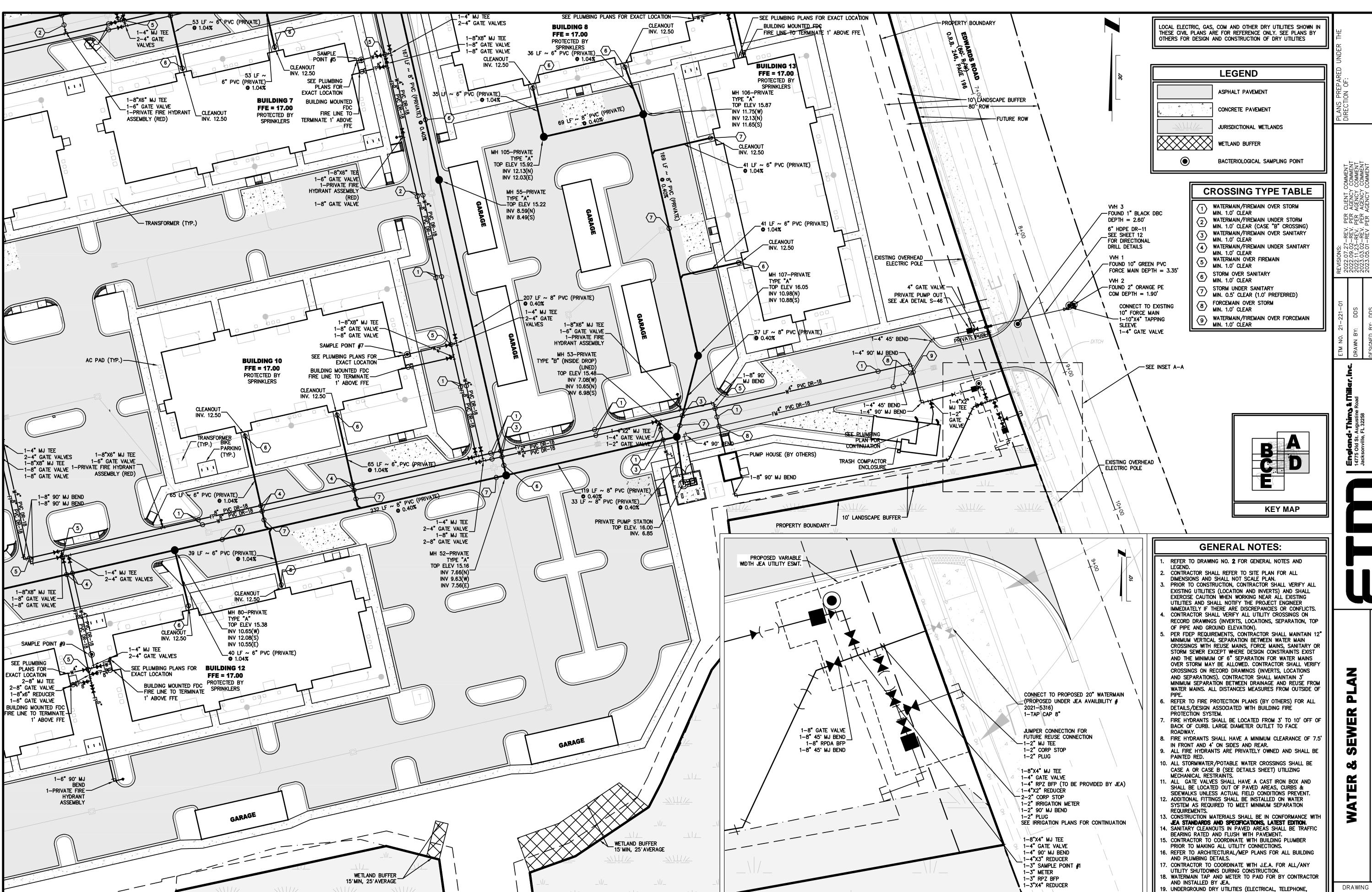




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ETC.) ARE SHOWN FOR REFERENCE ONLY. SEE ELECTRICAL

OTHERWISE LOCATED WITHIN PUBLIC RIGHT OF WAY OR

O. ALL UTILITIES ARE ASSUMED TO BE PRIVATE UNLESS

PLANS FOR DESIGN INFORMATION.

PROPOSED UTILITY EASEMENT.

INSET A-A