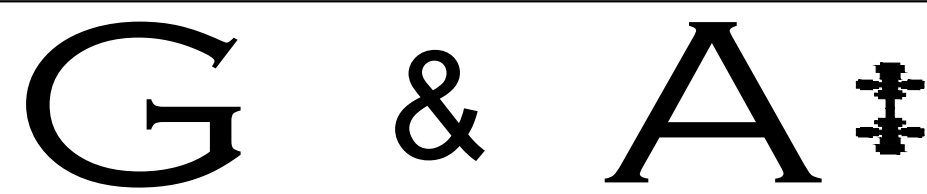


ENGINEERING PLANS
FOR
THE BROWN RESIDENCE

POOL ADDITION
5584 GREGG STREET
FERNANDINA BEACH, FL 32034

BY
GILLETTE & ASSOCIATES, INC.

CIVIL & ENVIRONMENTAL ENGINEERING
MECHANICAL & STRUCTURAL ENGINEERING
PERMITTING & CONSTRUCTION MANAGEMENT
31 SOUTH 4TH STREET, SUITE 1; FERNANDINA BEACH, FLORIDA 32034
PHONE: 904/261-8819

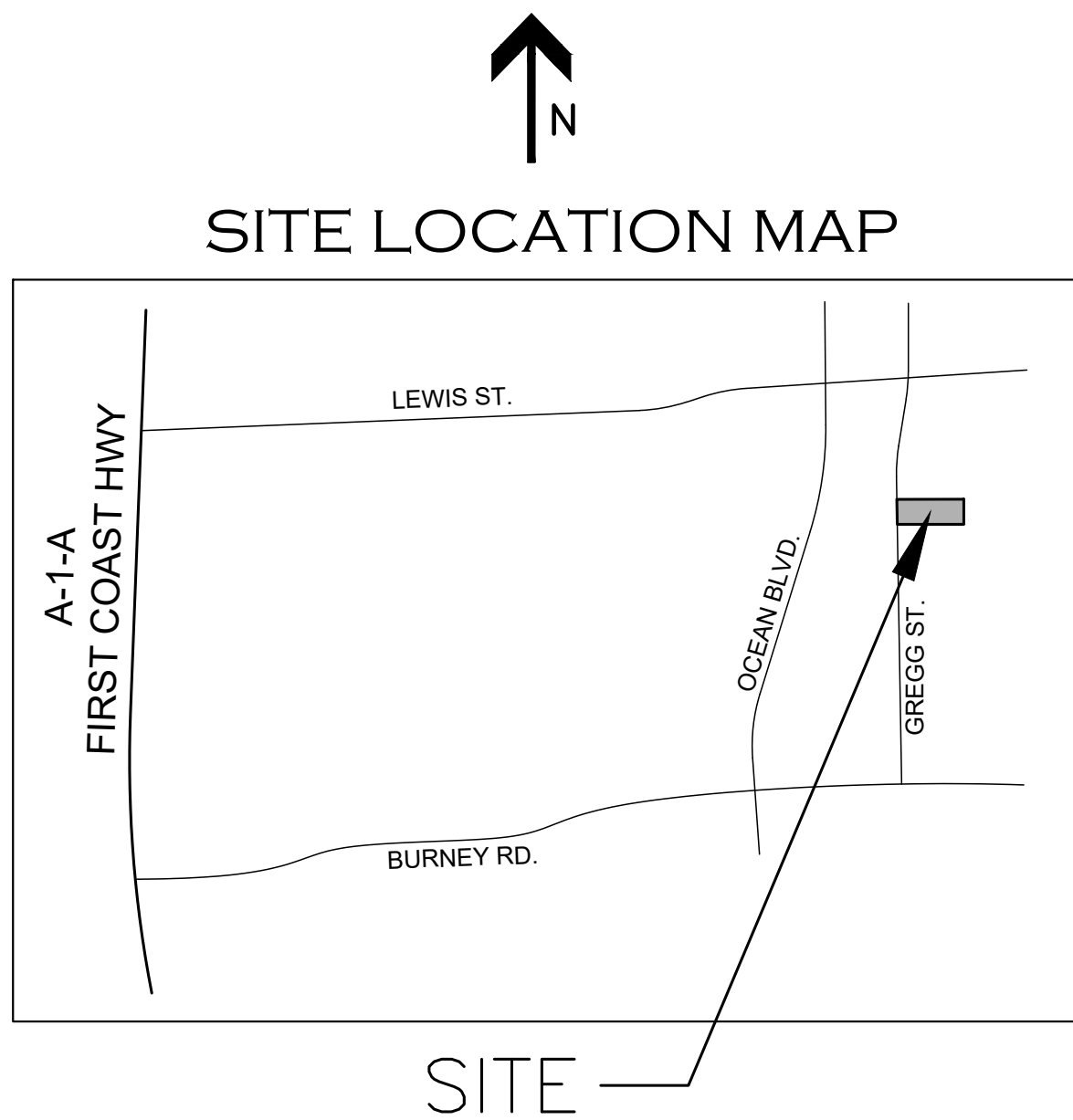


FDEP PERMITTING - POOL

ISSUE DATE: JUNE 6, 2024

PERMITTING AGENCIES

CITY OF FERNANDINA BEACH, FLORIDA
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



AIKEN RESIDENCE
RELEASED FOR CONSTRUCTION ___ BY ___

NOTE: SOME DETAILS IN THESE DRAWINGS ARE TO BE CONSIDERED TYPICAL AND MAY NOT BE CALLED OUT ON PLANS. CONTRACTOR SHALL BECOME FAMILIAR WITH AND FOLLOW ALL DETAILS DURING CONSTRUCTION IN ALL TYPICAL AREAS.

REGISTERED DESIGN PROFESSIONAL
ASA R. GILLETTE, P.E.
FLORIDA P.E. NO. 56177





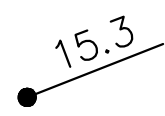
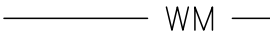
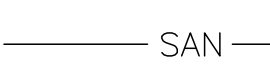
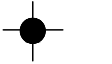
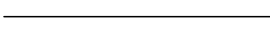
REV	DATE	ITEM
A	06/06/24	PERMIT REVIEW
B		
C		

GILLETTE & ASSOCIATES, INC.
CIVIL, ENVIRONMENTAL, MECHANICAL, & STRUCTURAL ENGINEERING
CERTIFICATE OF AUTHORIZATION NO. 9332
ASA R. GILLETTE, P.E. * FL PE NO. 56177
31 S. 4th STREET, SUITE 1 * FERNANDINA BEACH, FL 32034
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BROWN RESIDENCE
5584 GREGG STREET,
FERNANDINA BEACH, FLORIDA 32034

ISSUE DATE: 06/06/24

COVER SHEET

SITE / GEOMETRY NOTES		SITE / GEOMETRY NOTES CONT.		SEWER NOTES		INDEX		
<p>1. 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 OF HIS EMPLOYEES, AND ANY DAMAGE TO PRIVATE PROPERTY OR PERSONS DURING THE COURSE OF THIS PROJECT. ALL COSTS ASSOCIATED WITH COMPLYING WITH REGULATIONS AND THE FLORIDA TRENCH SAFETY ACT MUST BE INCLUDED IN THE CONTRACTOR'S PRICE FOR PERFORMING THE WORK.</p> <p>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 SUBSURFACE, 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 THIS CONTRACT. THE CONTRACTOR IS URGED TO TAKE COLOR PHOTOGRAPHS ALONG THE ROUTE OF THIS PROJECT TO RECORD EXISTING CONDITIONS PRIOR TO CONSTRUCTION, AND TO AID IN RESOLVING POSSIBLE FUTURE COMPLAINTS THAT MAY OCCUR DUE TO CONSTRUCTION OF THE PROJECT. ALL COSTS ASSOCIATED WITH PRELIMINARY INVESTIGATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.</p> <p>3. ALL IMPROVEMENTS SHOWN ARE TO BE WARRANTED BY THE CONTRACTOR TO THE DEVELOPER.</p> <p>4. ELEVATIONS ARE BASED ON NAVD DATUM OF 1988.</p> <p>5. TOPOGRAPHIC AND BOUNDARY INFORMATION WAS PROVIDED BY: MANZIE AND DRAKE LAND SURVEYORS (904-491-5600).</p> <p>6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY BUILDING, RIGHT-OF-WAY PERMITS NOT PROVIDED AND INSURANCE REQUIRED FOR THE PROJECT.</p> <p>7. THE CONTRACTOR SHALL COORDINATE THE WORK WITHIN COUNTY OR STATE RIGHT-OF-WAY WITH THE PROPER AGENCIES FOR MAINTENANCE OF TRAFFIC AND METHOD OF CONSTRUCTION & REPAIR.</p> <p>8. THE CONTRACTOR SHALL ADVISE THE OWNER'S AUTHORIZED REPRESENTATIVE OF PLANNED WORK SCDULE. THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION WITH ALL OTHER CONTRACTORS. IN THE EVENT OF ANY CONFLICT WHATSOEVER, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD, AND THE OWNER PRIOR TO PROCEEDING WITH CONSTRUCTION.</p> <p>9. "AS-BUILT" DRAWINGS – AS-BUILTS ARE REQUIRED TO BE SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR. THEREFORE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTRACT WITH A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA FOR THE PREPARATION, FIELD LOCATIONS, CERTIFICATION, AND SUBMITTAL OF AS-BUILT DRAWINGS.</p> <p>10. "AS-BUILT" RECORD DATA AND INFORMATION SHALL BE MAINTAINED BY THE CONTRACTOR. RECORD DRAWINGS SHALL BE SUPPLIED TO THE ENGINEER.</p> <p>11. THE 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.</p> <p>12. ALL DEBRIS RESULTING FROM ALL ACTIVITIES SHALL BE DISPOSED OF OFF-SITE BY CONTRACTOR ON A DAILY BASIS.</p> <p>13. ALL EXCESS SUITABLE AND UNSUITABLE MATERIALS SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR UNLESS DIRECTED OTHERWISE BY THE ENGINEER.</p> <p>14. ALL EXISTING TREES LISTED TO REMAIN SHALL BE PRESERVED AND PROTECTED.</p> <p>15. THE LOCATION OF ALL EXISTING UTILITIES, STRUCTURES, AND IMPROVEMENTS ON THE DRAWINGS ARE 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</p>		<p>OTHER IMPROVEMENTS PRIOR TO COMMENCING ANY CONSTRUCTION. IF THE LOCATIONS SHOWN ARE CONTRARY TO ACTUAL FIELD LOCATIONS, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF THE DISCREPANCY. THE DISCREPANCY SHOULD BE RESOLVED PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING IN AREAS NEAR EXISTING UTILITY IMPROVEMENTS AND SHALL BE RESPONSIBLE FOR REPAIRS OR PAYMENTS 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 THEY SHALL CONNECT.</p> <p>16. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER ON ALL MATERIALS, FOR REVIEW AND APPROVAL, PRIOR TO PURCHASE OR CONSTRUCTION OF ANY UTILITY OR STRUCTURE.</p> <p>17A. UNSUITABLE MATERIALS UNDER WATER, SEWER, OR STORM PIPE AND/OR STRUCTURES SHALL BE REMOVED AND REPLACED WITH SELECTED BACKFILL COMPACTED TO 98% OF IT'S MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST (ASTM D1557).</p> <p>17B. ALL FINISH FLOORS SHOWN ON THE PLANS ARE MINIMUM ELEVATIONS</p> <p>18. GRADES SHOWN ON PLANS ARE EDGE OF PAVEMENT FINISHED GRADES UNLESS OTHERWISE NOTED.</p> <p>19. SHOULD THE SURFACE OR SUBSURFACE CONDITIONS VARY FROM WHAT IS SHOWN ON THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.</p> <p>20. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE SEEDDED AND MULCHED UNLESS OTHERWISE SPECIFICALLY STATED. ALL DISTURBED AREAS WITHIN THE NASSAU COUNTY RIGHT OF WAY SHALL BE COVERED WITH BERMUDA SOD.</p> <p>21. THE CONTRACTOR IS RESPONSIBLE FOR THE CONTROL OF SEDIMENT-LADEN RUNOFF RESULTING FROM STORM EVENTS DURING THE CONSTRUCTION PHASE. EROSION CONTROL FACILITIES SHOULD BE INSTALLED EARLY DURING THE CONSTRUCTION PERIOD SO AS TO PREVENT THE TRANSPORT OF SEDIMENT INTO SURFACE WATERS. RE-VEGETATION AND STABILIZATION OF DISTURBED AREAS SHOULD BE ACCOMPLISHED IMMEDIATELY TO REDUCE THE POTENTIAL FOR FURTHER SOIL EROSION.</p> <p>22. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND COUNTY BEFORE COMMENCING WORK.</p> <p>23. MINIMUM COVER OVER PIPES SHALL BE 36" UNLESS OTHERWISE INDICATED.</p> <p>24. ALL UNDERGROUND UTILITY COMPANIES SHALL BE CONTACTED AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.</p> <p>25. IN ADDITION TO THE SPECIFICATIONS AND DETAILS PROVIDED FOR THIS CONTRACT, THE NASSAU COUNTY STANDARD DETAILS AND SPECIFICATIONS (LATEST REVISION) SHALL ALSO BE USED FOR ANY ITEMS NOT COVERED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A SET OF STANDARD DETAILS AND SPECIFICATIONS FROM NASSAU COUNTY.</p> <p>26. BACKFILL MATERIAL SHALL BE COMPACTED TO 100% (2%) UNDER EXISTING AND PROPOSED ROADWAYS.</p> <p>27. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN TO BE MADE WITHOUT PRIOR APPROVAL OF THE ENGINEER.</p> <p>28. STATIONING REFERS TO THE CENTERLINE OF THE ROADWAY EXCEPT AS NOTED ON PLANS. WHERE PAVEMENT SPLITS, THE STATIONING FOLLOWS THE INSIDE EDGE OF PAVEMENT UNTIL ROADWAY TRANSITIONS BACK TO THE TYPICAL ROADWAY SECTION</p> <p>29. ALL CONSTRUCTION, MATERIAL, AND WORKMANSHIP ARE TO BE IN ACCORDANCE WITH COUNTY STANDARDS.</p> <p>30. A PRECONSTRUCTION MEETING WITH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION IS REQUIRED.</p>		<p>1. THE CONTRACTOR SHALL PROVIDE, TO THE ENGINEER OF RECORD , A SCHEDULE OF INVERT ELEVATIONS OF ALL SANITARY MANHOLES PRIOR TO THE PLACEMENT OF THE LIME ROCK BASE COURSE. THIS SCHEDULE TO BE PROVIDED BY THE REGISTERED LAND SURVEYOR SUBMITTING THE "AS-BUILT" DRAWINGS FOR THIS PROJECT.</p> <p>2. SANITARY SEWER SERVICES SHALL BE 6"PVC WITH A MINIMUM SLOPE OF 0.006 FEET PER FOOT AND SHALL BE TERMINATED AT THE RIGHT-OF-WAY LINE WITH A DEPTH OF 24" TO 48" FROM THE FINAL FINISHED GRADE OF THE DEVELOPED LOTS. DEPTHS GREATER THAN 48" FROM FINAL FINISHED GRADE SHALL BE READJUSTED BY THE DEVELOPER AT HIS COST.</p> <p>3. GRAVITY SEWER TO BE CLEANED & TV TESTED BY DEVELOPER AT DEVELOPER'S EXPENSE</p> <p>4. ALL MANHOLE FRAMES AND COVERS TO BE ADJUSTED TO FINAL FINISHED GRADE.</p> <p>5. A SEPARATE SEWER SERVICE (6" MIN.) SHALL BE PROVIDED TO THE RIGHT-OF-WAY FOR EACH LOT BEING SERVED. AN "S" SHALL BE ETCHED INTO THE CURB DIRECTLY OVER EACH SERVICE LINE OR IN THE STREET SIDE OF A SIDEWALK IN LINE WITH THE CLEANOUT.</p> <p>6. GRAVITY SEWER TO BE GREEN IN COLOR</p> <p>7. NEW GRAVITY SEWER SYSTEM SHALL BE PLUGGED AT NEAREST EXISTING DOWNSTREAM MANHOLE AND SHALL NOT BE REMOVED WITHOUT AUTHORIZATION FROM THE UTILITY COMPANY. EXISTING MANHOLES TO BE COREBORED AND ARRANGEMENTS MADE TO BE REFURBISHED WITH COMPATIBLE MATERIALS IF THE EXISTING MANHOLE IS ALLOWED TO BE USED.</p> <p>8. FINISHED FLOOR ELEVATIONS SHALL BE GREATER (HIGHER) THAN THE ELEVATION OF THE MANHOLE NEAREST THE SERVICE LATERAL IN ORDER TO AVOID A POTENTIAL BACKUP OF SEWERAGE IN THE HOUSE OR BUILDING.</p> <p>9. ALL GRAVITY SEWER PIPE TO A 10 FOOT DEPTH OF COVER SHALL BE SDR-26 PVC PIPE (MINIMUM). GRAVITY SEWER PIPE WITH COVER OF 15 FEET (AND IN EASEMENTS) AND GREATER SHALL BE C900 – DR18. JOINT SHALL BE OF THE BELL AND SPIGOT TYPE AND MEET THE REQUIREMENTS OF THE PIPE REFERRED BEING USED.</p> <p>10. WHEN A PROPERTY LINE CAN NOT BE DEFINED, THE SEWER CLEANOUT SHALL BE PLACED IN AN UNPAVED AREA AT A DISTANCE NO GREATER THAN 30 FEET FROM THE SEWER MAIN.</p> <p>13. SEWER PLUGS USED DURING THE CONSTRUCTION OR CONNECTION TO A SYSTEM SHALL HAVE THE CONTRACTOR'S NAME PERMANENTLY STAMPED.</p> <p>14. THE MANHOLE LINER SHALL BE SPECTRA SHIELD OR APPROVED EQUIVALENT.</p> <p>15. IN ACCORDANCE WITH THE DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) REQUIREMENTS, LEAKAGE TESTING SHALL BE PERFORMED ON ALL SEGMENTS OF THE SEWER SYSTEM. TESTING MAY INCLUDE APPROPRIATE WATER OR LOW PRESSURE AIR TESTING. TEST METHODS SHALL TAKE INTO CONSIDERATION THE RANGE IN GROUNDWATER ELEVATIONS DURING THE TEST AND ANTICIPATED DURING THE DESIGNED LIFE OF THE SEWER. NO LEAKAGE ALLOWED IN SYSTEM.</p>		ALL PERMITTING ENTITIES	SHEET	DESCRIPTION
CVR	COVER SHEET							
IN-1	INDEX SHEET							
IN-2	NASSAU COUNTY NOTES							
GE-1	GEOMETRY PLAN							
PR-1	DRAINAGE & POOL PROFILE CUT/FILL							
LT-1	EXTERIOR LIGHTING PLAN							
WATER NOTES		LEGEND						
<p>1. ALL WATER & SEWER CONSTRUCTION SHALL BE ACCOMPLISHED BY AN UNDERGROUND UTILITY CONTRACTOR LICENSED UNDER THE PROVISIONS OF CHAPTER 489 FLORIDA STATUTES.</p> <p>2. WHEN DEWATERING CAPACITY REQUIRES A PERMIT (CUP), IT SHALL BE THE CONTRACTOR’S RESPONSIBILITY TO OBTAIN THE PERMIT THROUGH THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.</p> <p>3. WATER MAINS SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED SANITARY HAZARD. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE. WHERE PARALLEL WATER AND SEWER MAINS HAVE LESS THAN 10 FOOT HORIZONTAL SEPARATION, 20 FOOT LENGTHS OF C900 (DR18) WATER QUALITY PIPE SHALL BE USED WITH THE JOINTS STAGGERED AT 10 FOOT INTERVALS. THE PIPES SHALL BE PLACED IN SEPARATE TRENCHES WITH THE WATER MAIN AT LEAST 18 INCHES ABOVE THE SEWER.</p> <p>4. WATER MAINS CROSSING SANITARY HAZARDS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER MAIN. WHERE WATER MAINS CROSS WITH BETWEEN 18 INCHES AND 6 INCHES OF VERTICAL CLEARANCE, A 20 FOOT SECTION OF C900 (DR18) WATER QUALITY PIPE SHALL BE CENTERED ON THE POINT OF THE CROSSING. THE CONTRACTOR SHALL FIELD VERIFY THE VERTICAL SEPARATION. THE MINIMUM SEPARATION BETWEEN WATER AND SEWER PIPES IS TO BE 6 INCHES OUTSIDE DIAMETER TO OUTSIDE DIAMETER.</p> <p>5. NO WATER MAIN PIPE SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF A SEWER MANHOLE.</p> <p>6. TRACER WIRE SHALL BE PROVIDED ON ALL WATER MAINS AND FORCE MAINS. TRACER WIRE SHALL BE #10 UF SOLID COPPER WIRE, COATED, AND SUITABLE FOR BURIAL. COATING SHALL BE BLUE FOR WATER AND GREEN FOR SEWER MAIN CONNECTIONS. WIRE SHALL BE ATTACHED DIRECTLY TO TOP OF PIPE AND BROUGHT INTO EACH VALVE BOX AND COILED TO ALLOW FOR EASY ACCESS AND EXTENSION ABOVE FINISHED GRADE FOR ATTACHMENT OF LOCATING EQUIPMENT.</p> <p>7. ALL PIPE LENGTHS ARE APPROXIMATE DIMENSIONS, ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED TO CONFORM WITH TYPICAL SECTIONS AND DETAILS AS SHOWN ON THE MISCELLANEOUS DETAILS SHEET AND IN ACCORDANCE WITH THE SPECIFICATIONS.</p> <p>8. WATER MAINS TO HAVE AT MINIMUM 12” OF VERTICAL CLEARANCE FROM FORCE MAINS.</p> <p>9. ALL UNDERGROUND UTILITIES MUST BE INSTALLED PRIOR TO PREPARATION OF SUBGRADE FOR PAVEMENT.</p>		<div><div> EXISTING VALVE</div><div> WM EXISTING WATER LINE</div><div> EXISTING FIRE HYDRANT</div><div> EXISTING PROPERTY LINE</div></div> <div><div> PROPOSED SPOT ELEVATION</div><div> WM PROPOSED WATER LINE</div><div> SAN PROPOSED SANITARY SEWER</div><div> PROPOSED FIRE HYDRANT</div><div> PROPOSED LOT LINE</div></div>						

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REGISTERED DESIGN PROFESSIONAL

ASA R. GILLETTE, P.E.
FLORIDA P.E. NO. 56177

REV	DATE	ITEM
A	06/06/24	PERMIT REVIEW
B		
C		

GILLETTE & ASSOCIATES, INC.
CIVIL, ENVIRONMENTAL, MECHANICAL, & STRUCTURAL ENGINEERING

CERTIFICATE OF AUTHORIZATION NO. 9332
ASA R. GILLETTE, P.E. * FL. PE NO. 56177

CLITE 1 * FEDMANIDIA DE

31 S. 4th STREET, SUITE 1 * FERNANDINA BEACH, FL 32034
PHONE: 904-261-8819 * www.gilletteassociates.com


BROWN RESIDENCE

5584 GREGG STREET,
FERNANDINA BEACH, FLORIDA 32034

ISSUE DATE: 06/06/24

INDEX SHEET

North / Elev Key	Sheet
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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.
- 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.
- Per Nassau County Roadway and Drainage Standards, Ordinance 99-17 Section 6.2.4, site shall be constructed per approved construction drawings. Any substantial deviation shall be concurrently reviewed by Engineer of Record and Nassau County Development Review Committee prior to field changes.
- 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.
- 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.
- 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.
- 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.
- 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.
- Engineer of Record approved shop drawings shall be provided to Nassau County Construction Inspector a minimum of one week before beginning structure installation.
- 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.
- 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.
- Sidewalks to be provided and built in accordance Florida Building Code. All proposed sidewalks shall meet ADA requirements.
- The Contractor shall comply with current Florida accessibility standards for all work on this project.
- Per Ordinance 99-17 Section 8.5.1, minimum cover for water lines and force mains under pavement shall 42" and 36" in green areas.
- 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.
- No work shall be permitted between the hours of 7:00 PM - 7:00AM without prior approval from Nassau County Engineering Services.
- All trees required to be protected shall be flagged for protection prior to clearing.
- All grading and placement of compacted fill shall be in accordance with the latest Nassau County Specifications.
- Any damages (sidewalk, curb, asphalt, ditch grading, et cetera) within 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.
- 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.
- Per Nassau County Ordinance 99-17 Section 7.4.2 and 7.4.4, as-built drawings 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:

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- A pre-pave meeting is required prior to any paving operations within Nassau County ROW, residential subdivisions, or multi-family developments.
- Approved mix designs shall be provided to Nassau County Construction Inspector 48 hours prior to pre-pave meeting or placement of concrete.
- 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.
- All bases shall be primed in accordance with Ordinance 99-17 Section 11.5.2.3, Nassau County Standard Details, and FDOT Standard Specifications.
- Signage and pavement markings shall be in compliance with Nassau County Standards, Manual on Uniform Traffic Control Devices (MUTCD), and FDOT Standard Plans.
- Maintenance of Traffic (MOT) shall be in compliance with FDOT Standard Index 600 Series.
- 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 Details.
- 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.
- Removing pavement markings within Nassau County ROW shall be:
 - Grinding or hydro-blasting on weathered asphalt surfaces.
 - Hydro-blasting only on new asphalt surfaces.
 - Paint Blackout is prohibited.
- 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.
- Single Vertical Joints in roadway construction shall be avoided in Nassau County Right-of-Way using Nassau County Standard Detail #26.
- All drainage structures shall have traffic bearing grates that meet or exceed the rating for the facilities expected traffic.
- All concrete shall be a minimum of 3000 psi within Public Right-of-Way.

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FERNANDINA BEACH, FLORIDA 32034

ISSUE DATE: 06/06/24

NASSAU COUNTY
NOTES

North / Elev Key Sheet

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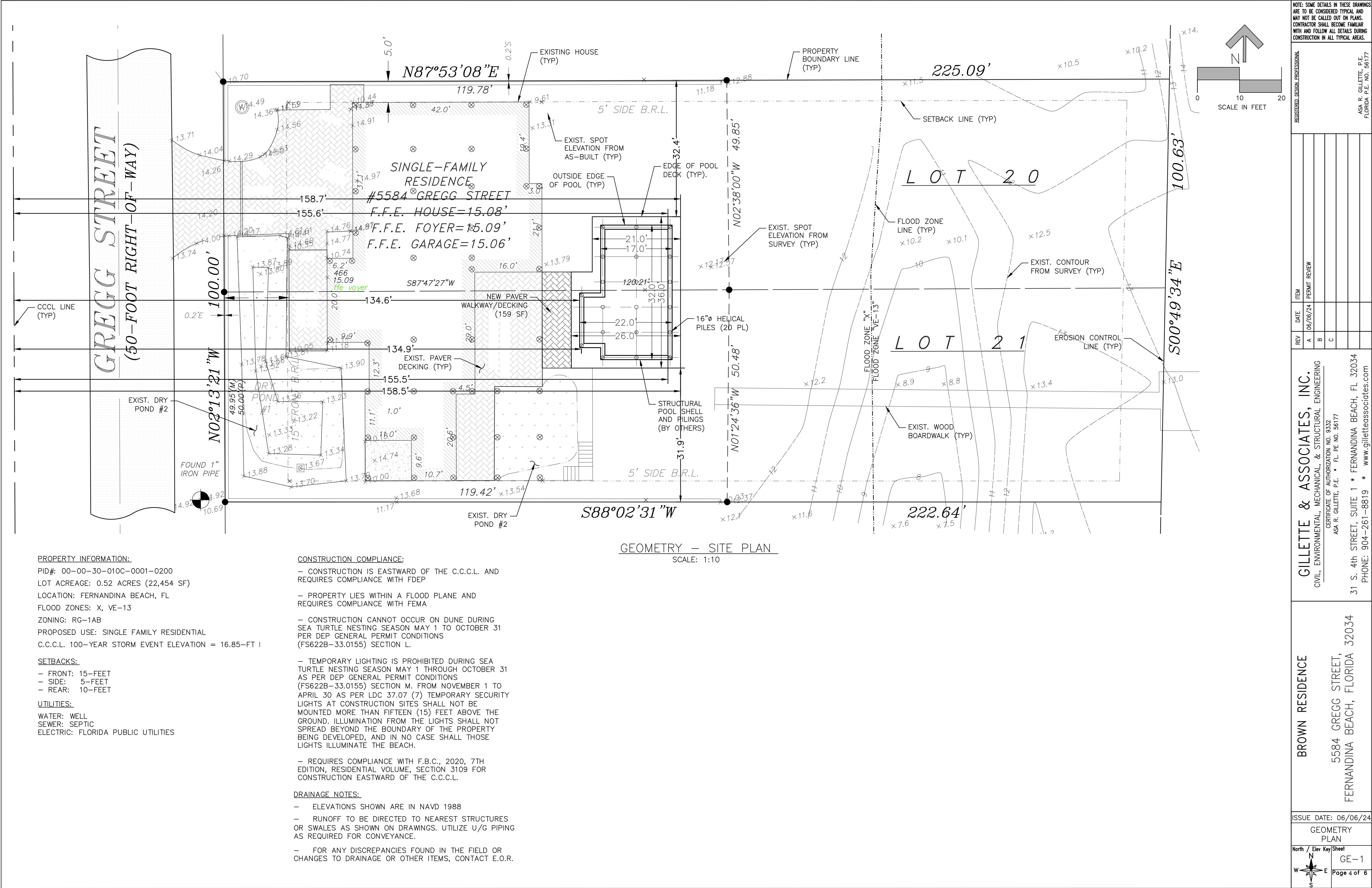
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PROPERTY INFORMATION:

PID#: 00-00-30-010C-0001-0200
LOT ACREAGE: 0.52 ACRES (22,454 SF)
LOCATION: FERNANDINA BEACH, FL
FLOOD ZONES: X, VE-13
ZONING: RG-1AB
PROPOSED USE: SINGLE FAMILY RESIDENTIAL
C.C.C.L. 100-YEAR STORM EVENT ELEVATION = 16.85-FT I

SETBACKS:

- FRONT: 15-FEET
- SIDE: 5-FEET
- REAR: 10-FEET

UTILITIES:

WATER: WELL
SEWER: SEPTIC
ELECTRIC: FLORIDA PUBLIC UTILITIES

CONSTRUCTION COMPLIANCE:

- CONSTRUCTION IS EASTWARD OF THE C.C.C.L. AND REQUIRES COMPLIANCE WITH FDEP
- PROPERTY LIES WITHIN A FLOOD PLANE AND REQUIRES COMPLIANCE WITH FEMA
- CONSTRUCTION CANNOT OCCUR ON DUNE DURING SEA TURTLE NESTING SEASON MAY 1 TO OCTOBER 31 PER DEP GENERAL PERMIT CONDITIONS (FS622B-33.0155) SECTION L.

- TEMPORARY LIGHTING IS PROHIBITED DURING SEA TURTLE NESTING SEASON MAY 1 THROUGH OCTOBER 31 AS PER DEP GENERAL PERMIT CONDITIONS (FS622B-33.0155) SECTION M. FROM NOVEMBER 1 TO APRIL 30 AS PER LDC 37.07 (7) TEMPORARY SECURITY LIGHTS AT CONSTRUCTION SITES SHALL NOT BE MOUNTED MORE THAN FIFTEEN (15) FEET ABOVE THE GROUND. ILLUMINATION FROM THE LIGHTS SHALL NOT SPREAD BEYOND THE BOUNDARY OF THE PROPERTY BEING DEVELOPED, AND IN NO CASE SHALL THOSE LIGHTS ILLUMINATE THE BEACH.

- REQUIRES COMPLIANCE WITH F.B.C., 2020, 7TH EDITION, RESIDENTIAL VOLUME, SECTION 3109 FOR CONSTRUCTION EASTWARD OF THE C.C.C.L.

DRAINAGE NOTES:

- ELEVATIONS SHOWN ARE IN NAVD 1988
- RUNOFF TO BE DIRECTED TO NEAREST STRUCTURES OR SWALES AS SHOWN ON DRAWINGS. UTILIZE U/G PIPING AS REQUIRED FOR CONVEYANCE.
- FOR ANY DISCREPANCIES FOUND IN THE FIELD OR CHANGES TO DRAINAGE OR OTHER ITEMS, CONTACT E.O.R.

GEOMETRY — SITE PLAN
SCALE: 1:10

NOTE: SOME DETAILS IN THESE DRAWINGS ARE TO BE CONSIDERED TYPICAL AND MAY NOT BE CALLED OUT ON PLANS. CONTRACTOR SHALL BECOME FAMILIAR WITH AND FOLLOW ALL DETAILS DURING CONSTRUCTION IN ALL TYPICAL AREAS.

REGISTERED DESIGN PROFESSIONAL

ASA R. GILLETTE, P.E.
FLORIDA P.E. NO. 56177

REV	DATE	ITEM
A	06/06/24	PERMIT REVIEW
B		
C		

GILLETTE & ASSOCIATES, INC.
CIVIL, ENVIRONMENTAL, MECHANICAL, & STRUCTURAL ENGINEERING
CERTIFICATE OF AUTHORIZATION NO. 9332
ASA R. GILLETTE, P.E. * FL PE NO. 56177

31 S. 4th STREET, SUITE 1 * FERNANDINA BEACH, FL 32034
PHONE: 904-261-8819 * www.gilletteassociates.com

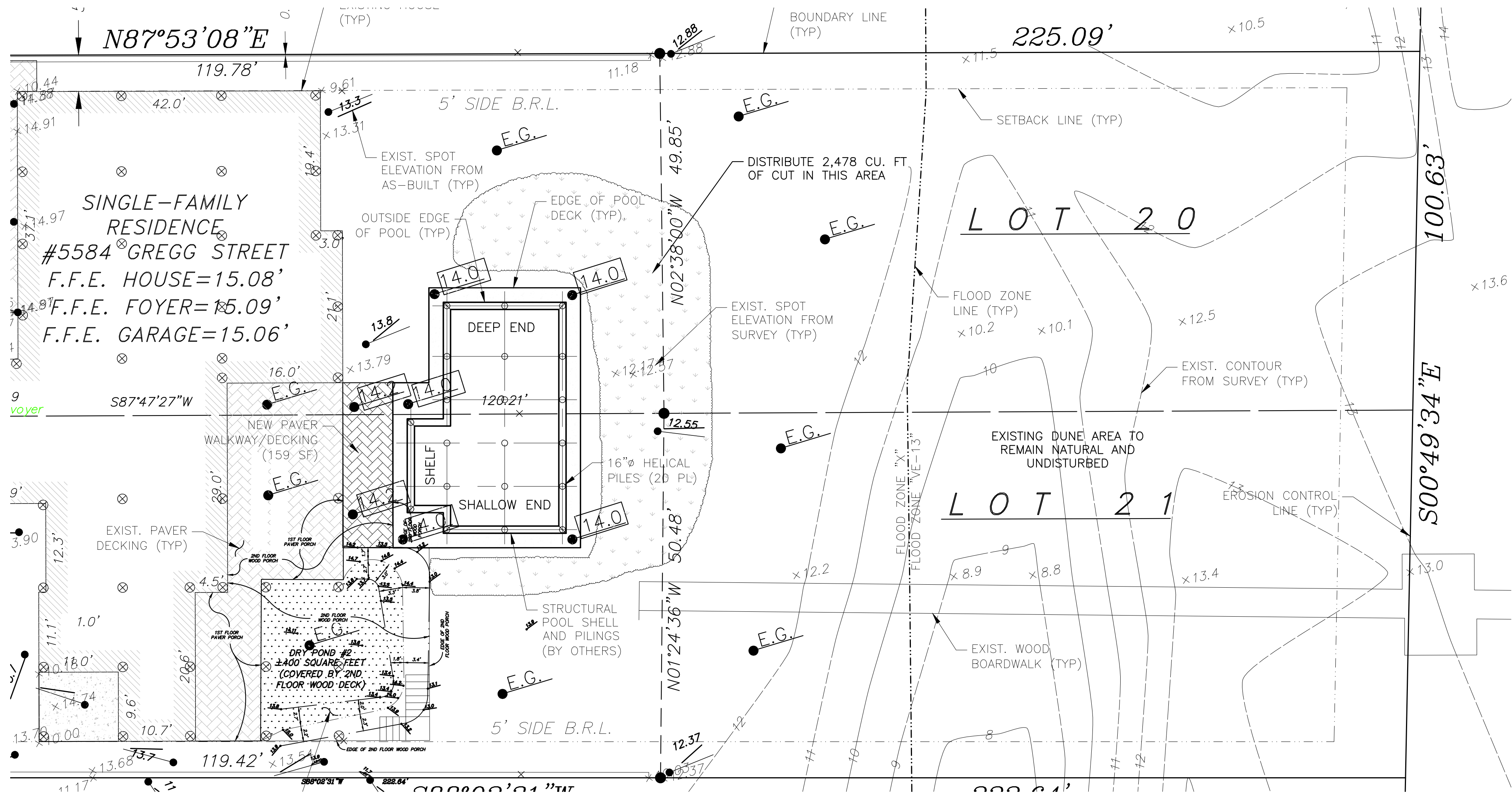
BROWN RESIDENCE

5584 GREGG STREET,
FERNANDINA BEACH, FLORIDA 32034

ISSUE DATE: 06/06/24

GEOMETRY
PLAN

North / Elev Key Sheet
W N E S
GE-1
Page 4 of 6



DRAINAGE PLAN
SCALE: 1:10

CUT AND FILL TABLE		
ITEM	FILL AREA (CU FT)	CUT AREA (CU FT)
HELICAL PILES	0	0
POOL	0	2339
DECK PAVERS/CONCRETE	61	200
GROSS TOTALS	61	2539
NET TOTAL REQ'D	-	2478

- TABLE NOTES:
- TOTALS LISTED REFLECT SOILS ONLY.
 - QUANTITIES SHOWN ARE ENGINEERING ESTIMATES.
 - ADDITIONAL FILL REQUIRED EASTWARD OF THE C.C.C.L. MUST BE FDEP APPROVED BEACH SAND.
 - ALL LOT CUT EAST OF THE C.C.C.L. MUST REMAIN EAST OF THE C.C.C.L.

CUT/FILL CALCULATIONS:

POOL:
 $544 \text{ SF} \times 4.3' = 2,339 \text{ CU FT OF CUT}$

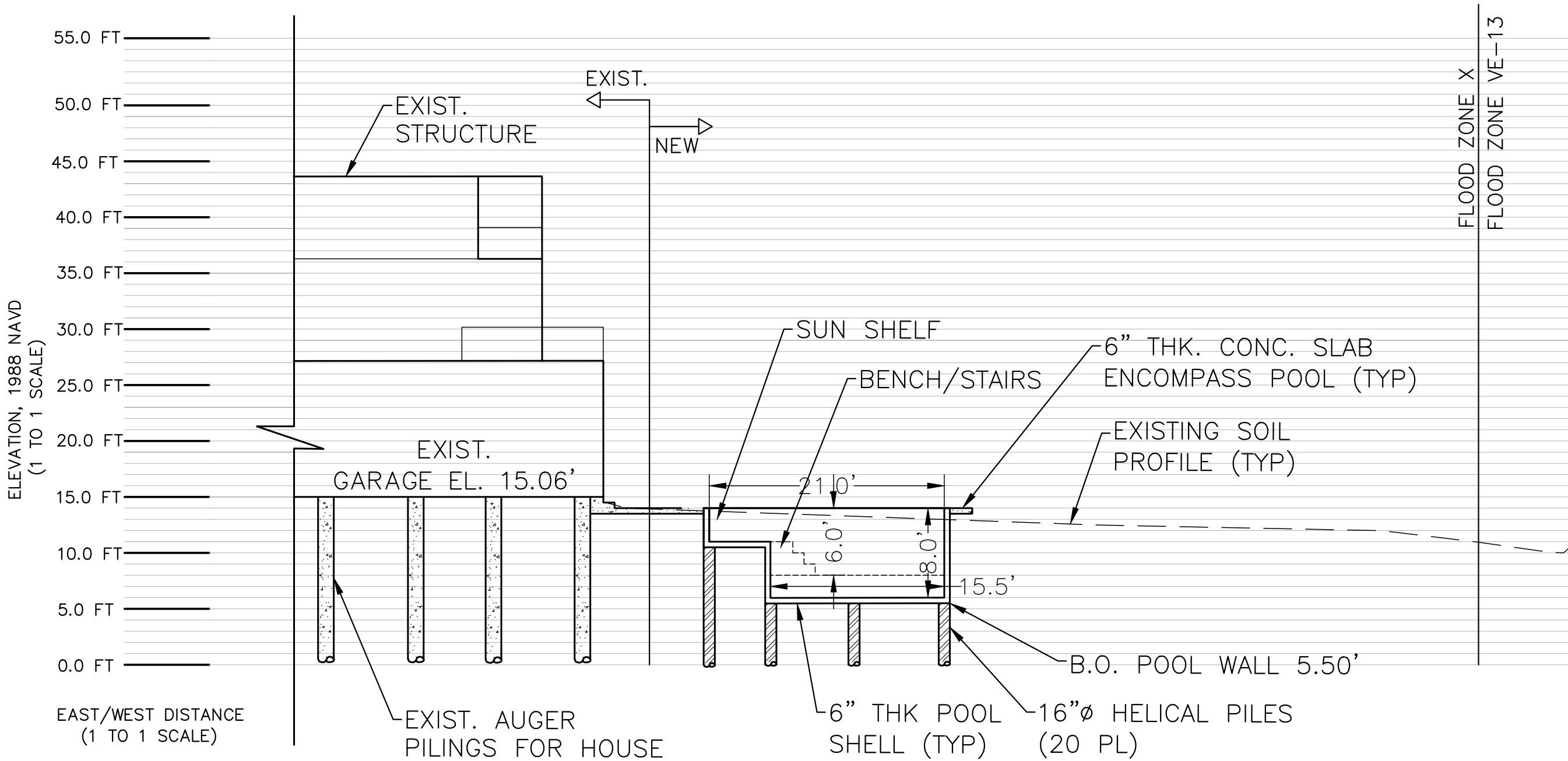
EAST OF C.C.C.L. = 2,339 C.F. CUT

DECK PAVERS/CONC:
 $61 \text{ SF} \times 1.0' = 61 \text{ CU FT OF FILL}$
 $200 \text{ SF} \times 1.0' = 200 \text{ CU FT OF CUT}$

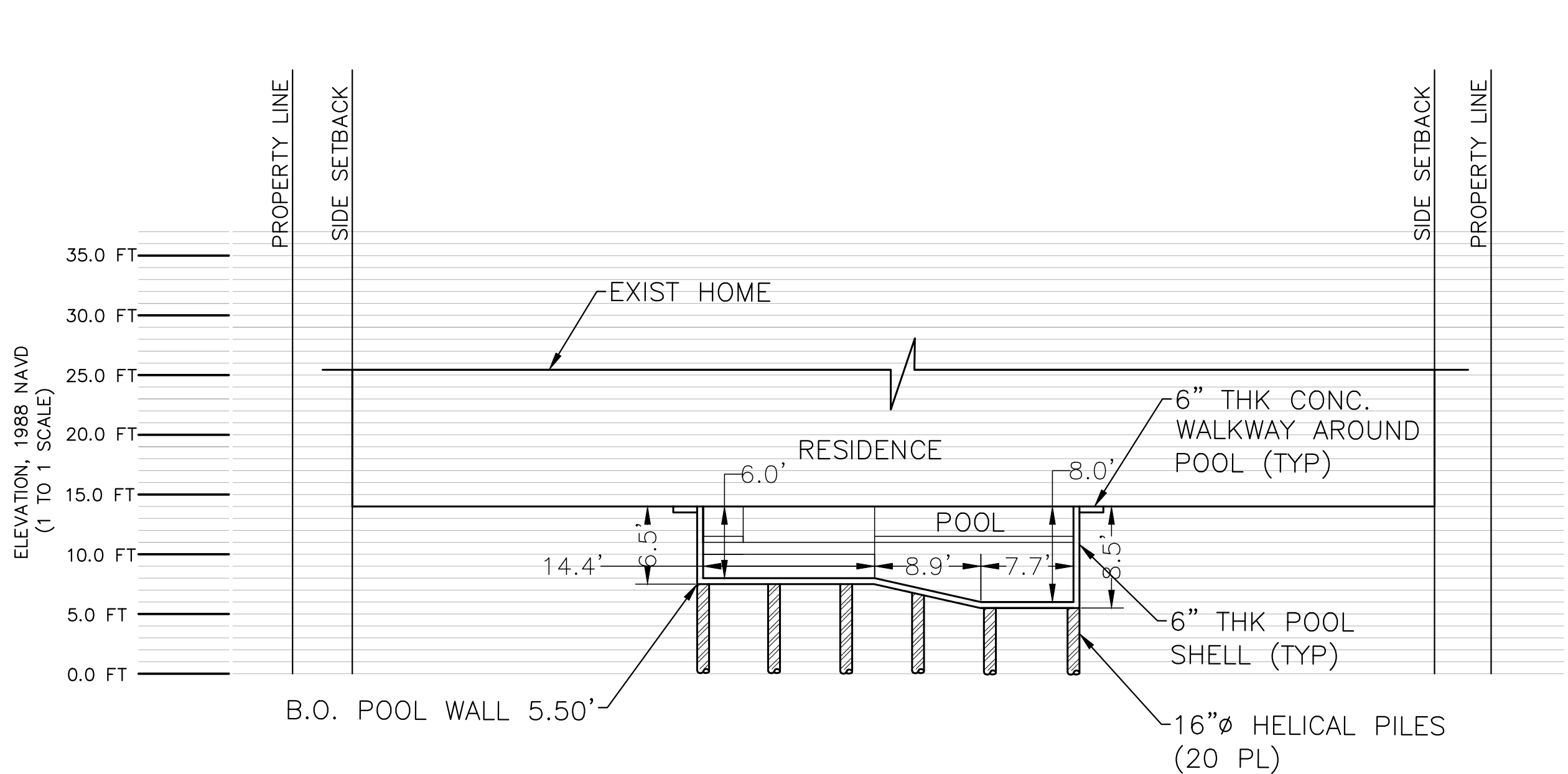
EAST OF THE C.C.C.L. = 61 C.F. FILL
EAST OF THE C.C.C.L. = 200 C.F. CUT

NET CUT TO BE DISTRIBUTED = 2,478 C.F.

- \bullet 14.0 = PROPOSED SPOT ELEVATION
 \times 14.0 = EXISTING SPOT ELEVATION
 \bullet 14.0 = AS-BUILT EXIST SPOT ELEVATION



POOL CROSS SECTION - LOOKING NORTH
SCALE: 1:10



POOL CROSS SECTION - LOOKING WEST
SCALE: 1:10

NOTE: SOME DETAILS IN THESE DRAWINGS ARE TO BE CONSIDERED TYPICAL AND MAY NOT BE CALLED OUT ON PLANS. CONTRACTOR SHALL BECOME FAMILIAR WITH AND FOLLOW ALL DETAILS DURING CONSTRUCTION IN ALL TYPICAL AREAS.

REGISTERED DESIGN PROFESSIONAL

ITEM DATE PERMIT REVIEW

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ISSUE DATE: 06/06/24
DRAINAGE & POOL
PROFILE CUT/FILL
North / Elev Key Sheet
PR-1
Page 5 of 6

ASA R. GILLETTE, P.E.
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ALTERNATE FIXTURES ARE NOT ACCEPTABLE. REFERENCE THE FWC WEBSITE FOR ADDITIONAL INFORMATION:
<http://myfwc.com/conservation/you-conserve/lighting/criteria/certified/>
 EXTERIOR GLAZING ON ALL LEVELS ON NORTH, SOUTH, AND EAST SIDES TO BE TINTED OR RECEIVE FILM WITH A
 V.L.T. VALUE OF 45% OR LESS. NO EXCEPTIONS.



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FERNANDINA BEACH, FLORIDA 32034

North / Elev Key	Sheet
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