CONSTRUCTION NOTES:

SPECIFICALLY NOTED.

- THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO COVER A COMPLETE PROJECT, READY TO USE, AND ALL ITEMS NECESSARY FOR A COMPLETE AND WORKABLE JOB SHALL BE FURNISHED AND INSTALLED. ANY DISCREPANCY SHALL BE IMMEDIATELY REPORTED TO THE OWNER OR HIS/HER REPRESENTATIVE.
- NOTIFY THE INSPECTOR OF THE LOCAL GOVERNING AUTHORITY 24 HOURS BEFORE EVERY PHASE OF CONSTRUCTION.
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES. ALL NECESSARY LICENSES AND PERMITS SHALL BE OBTAINED BY THE CONTRACTOR, AT HIS EXPENSE, UNLESS ALREADY OBTAINED BY THE OWNER.
- THE CONTRACTOR SHALL COORDINATE LOCATION AND INSTALLATION OF ALL UNDERGROUND UTILITIES AND APPURTENANCES TO MINIMIZE DISTURBING CURBING, PAVING, AND ALL OTHER UTILITIES.
- THE EXISTING UTILITIES SHOWN ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE DRAWINGS. THE UTILITIES SHOWN ARE THOSE LOCATED BY THE SURVEYOR OF RECORD. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATION OF THE UTILITIES SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF WORK. ALL DAMAGE MADE TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR CONSENT OF THE ENGINEER AND THE MUNICIPALITY MAY CAUSE FOR THE WORK TO BE UNACCEPTABLE.
- ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE AUTHORIZED BY THE OWNER.
- THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES AROUND THE WORK AND SHALL PROVIDE PROTECTION AGAINST WATER DAMAGE AND SOIL EROSION.
- ALL WORK SHALL BE PERFORMED IN A FINISHED AND WORKMANLIKE MANNER TO THE ENTIRE SATISFACTION OF THE OWNER, AND IN ACCORDANCE WITH THE BEST RECOGNIZED TRADE PRACTICES.
- D. THE CONTRACTOR SHALL PROVIDE SHEETING AND SHORING FOR ALL TRENCH CONSTRUCTION IN ACCORDANCE WITH OSHA GUIDELINES.
- . ALL PIPE LENGTHS SHOWN ARE TO THE CENTERLINE OF THE STRUCTURES UNLESS
- PIPES (STORM AND SANITARY SEWER) SHALL BE LAID ON SMOOTH, CONTINUOUS GRADES WITH NO VISIBLE BENDS AT THE JOINTS.
- 3. BEDDING REQUIREMENTS SPECIFIED HEREIN ARE TO BE CONSIDERED AS MINIMUM REQUIRED FOR RELATIVELY DRY STABLE EARTH CONDITIONS. ADDITIONAL BEDDING SHALL BE REQUIRED FOR ROCK TRENCHES TO PROVIDE SUCH ADDITIONAL BEDDING AS REQUIRED TO PROPERLY CONSTRUCT WORK.
- 4. ALL STORM DRAINAGE INLET STRUCTURES SHALL HAVE METAL RING AND COVER FOR ACCESS.
- 5. ALL ANGLES SHOWN ARE 90 DEGREES UNLESS SHOWN OTHERWISE. 6. ALL GRADES SHOWN ARE FINISHED GRADES. CONTRACTOR SHALL VERIFY DIMENSIONS,
- GRADES, AND EXISTING ELEVATIONS PRIOR TO CONSTRUCTION. CONCRETE CURBS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS SHOWN ON
- PLANS. MATERIALS, EQUIPMENT, METHODS OF CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO STATE D.O.T. STANDARD SPECIFICATIONS.
- 8. ALL CONCRETE SHALL HAVE 3000 PSI COMPRESSIVE STRENGTH AFTER 28 DAYS, WITH A MAXIMUM SLUMP OF FOUR (4) INCHES, UNLESS SPECIFIED OTHERWISE. . ALL EXPOSED CONCRETE SHALL HAVE A FINE HAIR BROOMED FINISH
- 0. PARKING AND DRIVEWAY BASE COURSE AND ASPHALTIC CONCRETE SURFACE AND PRIME MATERIALS, EQUIPMENT, METHODS FOR CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO STATE D.O.T. STANDARD SPECIFICATIONS.
- L. CONTRACTOR TO FIELD VERIFY ALL STORM, SANITARY, WATER AND OTHER UTILITIES LOCATIONS AND INVERTS PRIOR TO INSTALLATION OF ANY UTILITIES. NOTIFY ENGINEER PRIOR TO PROCEEDING WITH ANY WORK IF DISCREPANCIES FOUND.
- . THE USE OF CONCRETE THRUST BLOCKS FOR THE INSTALLATION OF WATER MAINS IS STRICTLY PROHIBITED. PRESSURE PIPE FITTINGS AND OTHER ITEMS REQUIRING RESTRAINT SHALL BE RESTRAINED USING METHODS SPECIFIED IN SECTION 3.8 OF THE CITY'S TECHNICAL STANDARD SPECIFICATIONS. THE PREFERRED METHOD OF RESTRAINT IS THROUGH THE USE OF "MEGA-LUGS" OR "MJR" DEVICES.
- ALL DIMENSIONS ARE MEASURED TO THE BACK OF CURB UNLESS OTHERWISE NOTED.

ESCAMBIA COUNTY LAND DISTURBANCE ACTIVITIES NOTES

GENERAL LAND DISTURBANCE

- (A)GENERAL. A GENERAL LAND DISTURBANCE PERMIT IS REQUIRED PRIOR TO BEGINNING ANY ACTIVITY INVOLVING THE CLEARING, CUTTING, EXCAVATING, FILLING, OR GRADING OF LAND, OR ANY OTHER ACTIVITY THAT ALTERS LAND TOPOGRAPHY OR VEGETATIVE COVER AND IS NOT AUTHORIZED BY THE OTHER LAND DISTURBANCE PERMITS OF THIS ARTICLE. T SUCH ACTIVITIES MUST NOT RESULT IN ADVERSE IMPACTS ON ADJOINING PROPERTIES, SURFACE WATERS, ENVIRONMENTALLY SENSITIVE LANDS, ROADWAYS, OR DRAINAGE SYSTEMS.
- (B)PERMIT FOR LAND DISTURBANCE. APPLICATION FOR A GENERAL LAND DISTURBANCE PERMIT SHALL BE SUBMITTED FOR COMPLIANCE REVIEW TO THE PLANNING OFFICIAL.
- CONSTRUCTION IN COUNTY RIGHT-OF-WAY. UNLESS CONSTRUCTION IN A COUNTY RIGHT-OF-WAY IS AUTHORIZED BY COUNTY APPROVAL, A
- COUNTY RIGHT-OF-WAY WORK PERMIT IS REQUIRED PRIOR TO DISTURBING THE PAVED PORTION, OR ANY AREA BENEATH THE PAVED PORTION, OF ANY COUNTY RIGHT-OF-WAY; OR PRIOR TO INSTALLING UNDERGROUND FACILITIES IN A COUNTY RIGHT-OF-WAY; OR PRIOR TO WORK, OTHER THAN MAINTENANCE, ON A DRIVEWAY CONNECTION WITHIN A COUNTY RIGHT-OF-WAY. A PERMIT IS NOT REQUIRED FOR WORK OR IMPROVEMENTS INCLUDED WITHIN APPROVED SUBDIVISION INFRASTRUCTURE CONSTRUCTION PLANS OR SITE DEVELOPMENT PLANS, OR FOR ANY EXEMPT ACTIVITIES IDENTIFIED BY THE PROCEDURE FOR MAKING ROAD CUTS, WITHIN LOCAL PUBLIC IMPROVEMENTS, ESCAMBIA COUNTY CODE OF ORDINANCES.

REMOVAL OF PROTECTED TREES.

A TREE REMOVAL PERMIT IS REQUIRED PRIOR TO REMOVING OR OTHERWISE CAUSING UNNATURAL DECLINE BY IRREPARABLE INJURY TO ANY PROTECTED TREE UNLESS THAT ACTIVITY IS AUTHORIZED THROUGH SITE DEVELOPMENT OR OTHER COMPLIANCE REVIEW PROVISIONS OF THIS CHAPTER. THE PROCESS TO AUTHORIZE THE REMOVAL OF A PROTECTED TREE IS ESTABLISHED IN THE DEVELOP STANDARD MANUAL.

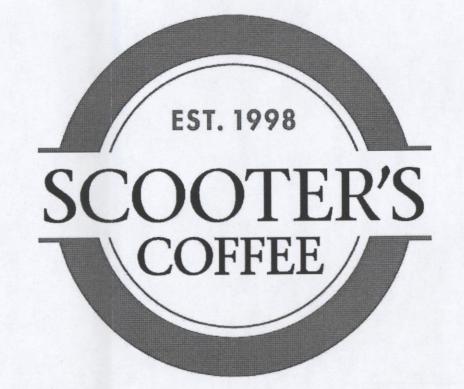
EARTHWORK SPECIFICATIONS:

CLEARING AND GRUBBING

- CLEARING AND GRUBBING SHALL CONSIST OF CLEARING THE SURFACE OF THE GROUND OF THE DESIGNATED AREAS OF ALL TREES, LOGS, SNAGS, BRUSH, UNDERGROWTH, HEAVY GROWTH OF GRASS, WEEDS, FENCE STRUCTURES, DEBRIS AND RUBBISH OF ANY NATURE, NATURAL OBSTRUCTIONS SUCH AS OBJECTIONABLE SOIL MATERIAL UNSATISFACTORY FOR FOUNDATIONS. IT SHALL ALSO CONSIST OF GRUBBING OF STUMPS, ROOTS FOUNDATIONS AND DISPOSAL OF ALL SUCH MATERIAL. ALL HOLES REMAINING AFTER THE GRUBBING OPERATION IN EMBANKMENT AREAS AND IN EXCAVATION AREAS LESS THAN TWO (2) FEET IN DEPTH, SHALL HAVE SIDES BROKEN DOWN AND LEVELED IF NECESSARY TO FLATTEN OUT SLOPES, REFILLED WITH ACCEPTABLE MATERIAL THAT IS PROPERLY COMPACTED IN LAYERS BY TAMPERS, ROLLERS OR CONSTRUCTION EQUIPMENT. BURNING ON SITE IS NOT PERMITTED WITHOUT WRITTEN APPROVAL OF THE LOCAL
- GOVERNING AUTHORITIES HAVING JURISDICTION.
- EXISTING TREES OUTSIDE OF GRADING LIMITS LINE: TREES AND VEGETATION TO BE SAVED SHALL BE PROTECTED FROM DAMAGE BY A FENCE BARRICADE PRIOR TO, OR DURING, CLEARING OPERATIONS. TREES TO BE REMOVED FROM THE AREA OUTSIDE THE LIMITS OF GRADING OR FROM SPECIFICALLY DESIGNATED AREAS WITHIN THE CONSTRUCTION AREAS. IF, IN THE OPINION OF THE ENGINEER, A CONTRACTOR DAMAGES A TREE NOT TO BE REMOVED. THE CONTRACTOR WILL BE FINED A PREDETERMINED AMOUNT FOR EACH DAMAGED TREE. THE CONTRACT SHALL ALSO BE RESPONSIBLE FOR ALL COSTS ASSOCIATED IN REMOVING THE DAMAGED TREE FROM THE SITE.
- FILL ALL VEGETATION SUCH AS ROOTS, BRUSH, HEAVY GROWTH OF GRASS, TOPSOIL, ALL DECAYED VEGETABLE MATTER, RUBBISH, AND OTHER UNSUITABLE MATERIAL WITHIN THE AREA UPON WHICH FILL IS TO BE PLACED SHALL BE STRIPPED OR BE OTHERWISE REMOVED BEFORE THE FILL OPERATION IS STARTED. IN NO CASE SHALL UNSUITABLE MATERIAL REMAIN IN OR UNDER THE FILL AREA. SLOPED GROUND SURFACE STEEPER THAN ON VERTICAL TO FOUR HORIZONTAL, ON WHICH FILL IS TO BE PLACED, SHALL BE PLACED, STEPPED OR BENCHED IN SUCH A MANNER THAT THE FILL TO BE PLACED SHALL BE 97 PERCENT OF THE MAXIMUM LABORATORY DRY DENSITY ACCORDING TO STANDARD PROCTOR (AASHTO T99, ASTM D-698). MOISTURE CONTENT SHALL BE WITHIN 3 PERCENT OF THE OPTIMUM MOISTURE CONTENT PROOF ROLL THE AREAS TO BE FILLED OR ON WHICH STRUCTURES ARE TO BE PLACED. A LOADED DUMP TRUCK OR OTHER RUBBER TIRED EQUIPMENT SHALL BE USED FOR PROOF ROLLING. OVERLAPPING PASSES OF A VEHICLES SHOULD BE MADE ACROSS THE SITE IN ONE DIRECTION AND THEN PERPENDICULAR TO THE ORIGINAL DIRECTION OF ROLLING. ANY YIELDING, PUMPING OR SOFT AREAS SHOULD BE CUT OUT AND REPLACED WITH
- FILL COMPACTED AS DESCRIBED HEREIN. THE PROPOSED FILL SHOULD BE LIMITED TO SOILS CLASSIFIED IN ACCORDANCE WITH ASTM D-2487 AS GM, GC, SW, SM, SC, ML AND CL. SOIL CLASSIFIED AS PT, OH,
- OL, CH AND MH ARE NOT SATISFACTORY AS COMPACTED FILL. • FILLS AND EMBANKMENTS SHALL BE CONSTRUCTED AT THE LACTATIONS AND TO THE LINES AND GRADES INDICATED ON CONSTRUCTION PLANS. THE SLOPE SHALL NOT EXCEED 2 FOOT HORIZONTAL TO 1 FOOT VERTICAL (3 FOOT HORIZONTAL TO 1 FOOT VERTICAL IN THE PUBLIC RIGHT OF WAY). THE COMPLETED FILL SHALL CORRESPOND TO THE SHAPE OF THE TYPICAL SECTIONS INDICATED ON THE CONSTRUCTION PLANS. MATERIAL REMOVED FROM THE EXCAVATION SHALL BE USED IN FORMING THE FILL. FILL MATERIAL SHALL BE REASONABLY FREE FROM ROOTS, OTHER ORGANIC MATERIAL, TRASH AND STONES HAVING MAXIMUM DIMENSIONS GREATER THAN 6 INCHES (4 INCHES IN TRENCHES FOR UTILITIES). NO FROZEN MATERIAL WILL BE PERMITTED IN THE FILL. STONES HAVING A MAXIMUM DIMENSION OF 4 INCHES WILL NOT BE PERMITTED IN THE UPPER SIX INCHES OF FILL OR EMBANKMENT OR UTILITY TRENCH. THE MATERIAL SHALL BE PLACED IN SUCCESSIVE HORIZONTAL LAYERS NOT MORE THAN 8 INCHES THICK, UNLESS OTHERWISE NOTED, IN LOOSE DEPTH FOR THE WIDTH OF THE CROSS-SECTION AND SHALL BE COMPACTED TO AT LEAST 97 PERCENT OF THE MAXIMUM LABORATORY DRY DENSITY ACCORDING TO STANDARD PROCTOR (ASTM D-698, AASHTO T-99). MOISTURE SHALL BE WITHIN 3 PERCENT OF THE OPTIMUM MOISTURE CONTENT. THE TOP 12 INCHES OF THE PAVING, PARKING AND/OR ROADWAY SUB-GRADE SHALL BE COMPACTED TO 97 PERCENT OF THE MAXIMUM DRY DENSITY (STANDARD PROCTOR) EACH LIFT SHALL BE ROLLED WITH A VIBRATORY ROLLER, A SHEEPSFOOT ROLLER, OR A LOADED RUBBER TIRED DUMP TRUCK, SCRAPER OR LOADER. IF THE SOIL IS TOO DRY, A WATER TRUCK WITH SPREADER BAR OR SPRAY HOSE SHALL BE USED TO BRING THE SOIL TO THE PROPER MOISTURE RANGE. THE WATER SHALL BE THOROUGHLY AND PROPERLY MIXED WITH THE SOIL PRIOR TO COMPACTION.
- STORM DRAIN PIPES SHALL BE PLACED ON FIRM BOTTOM AND HAND TAMPED TO SAFE UP THE PIPE. A CUSHION OF SOIL SHALL BE TAMPED ABOVE THE CROWN OF THE PIPE IN ACCORDANCE WITH THE PIPE MANUFACTURER'S RECOMMENDATIONS SO THAT THE HEAVIER COMPACTION EQUIPMENT CAN THEN BE USED TO BRING THE SOIL TO A DENSITY AS DESCRIBED ABOVE FOR FILL AREAS.
- IF SOILS INVESTIGATION REPORT IS PROVIDED, THEN FOLLOW THE RECOMMENDATIONS OF THE REPORT IF THEY EXCEED THE RECOMMENDATIONS OF THESE SPECIFICATIONS.
- TOPSOIL UNLESS OTHERWISE SPECIFIED, AREAS DESIGNATED FOR GRADING OPERATIONS THAT CONTAIN A BLANKET OF TOPSOIL SHALL BE STRIPPED AND PLACED IN CONVENIENT STOCKPILES FOR LATER USE AS A TOPSOIL BLANKET ON THE NEW GRADED AREAS SPECIFIED HEREIN, OR AS DESIGNATED. TOPSOIL SHALL BE STRIPPED FROM ALL AREAS DESIGNATED TO RECEIVE FILL. THE STRIPPING OF MATERIAL FOR TOPSOIL SHALL BE CAREFULLY DETERMINED AND ONLY THE QUANTITY REQUIRED SHALL BE STOCKPILED. MATERIAL STOCKPILED SHALL BE STORED IN A SATISFACTORY MANNER TO AFFORD PROPER DRAINAGE. WHEN GRADING OPERATIONS PERMIT, INSTEAD OF STOCKPILING, THE TOPSOIL SHALL BE HAULED AND SPREAD DIRECTLY ON THE AREAS DESIGNATED TO RECEIVE TOPSOIL.
- ROCK EXCAVATION: • IF ROCK IS ENCOUNTERED, CLEAR AWAY EARTH TO EXPOSE MATERIAL. NOTIFY OWNER AND RECEIVE WRITTEN INSTRUCTIONS PRIOR TO EXCAVATION. REMOVE ROCK TO A DEPTH OF 6 INCHES BELOW AND 8 INCHES ON EACH SIDE OF PIPES IN TRENCHES. A MEASUREMENT OF EXTENT OF ROCK TO BE REMOVED SHALL BE MADE. ROCK EXCAVATION SHALL BE PAID FOR IN ACCORDANCE WITH AGREEMENT WITH THE OWNER.

SITE DEVELOPMENT PLANS

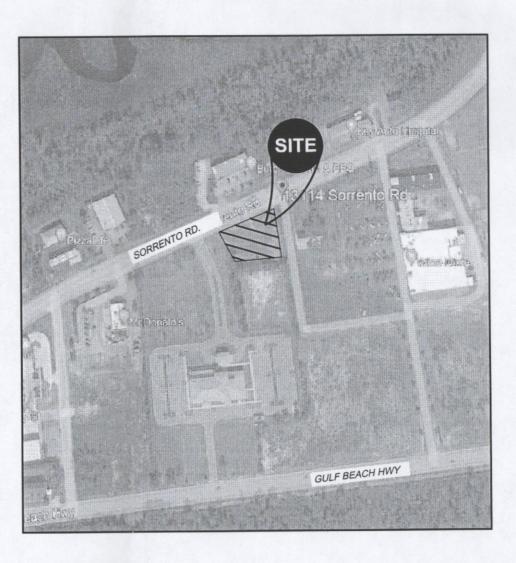
FOR



CLIENT SCOOTER'S COFFEE, LLC

PROJECT LOCATION 13135 Sorrento Road Pensacola, FL 32507

PARCEL ID: 12-3S-32-5001-002-003



PROJECT NOTES: DEVELOPER: Scooter's Coffee, LLC 10500 Sapp Brothers Drive Omaha, NE 68138 Contact: Igor Bley igor.bley@scooterscoffee.com Tel. 813-493-0859

ENGINEER: Carter Engineering Consultants, Inc. 3651 Mars Hill Road - Suite 2000 Watkinsville, GA 30677 Contact: Jeff Carter, P.E. jeff@carterengineering.net Tel. 770-725-1200

Approved ESCAMBIA COUNTY DRC PLAN REVIEW
Printed Name: <u>Eru</u> Johnson Development Services Director or Designee
This document has been reviewed in accordance with the requirements of applicable Escambia County Regulations and Ordinances, and does not in any way relieve the submitting Architect, Engineer, Surveyor or other signatory from responsibility of details as drawn. A Development Order (DO) must be obtained through the Development Review Process prior to the commencement of construction. This DO approval does not constitute approval by any other agency. All additional state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of a pullding permit.

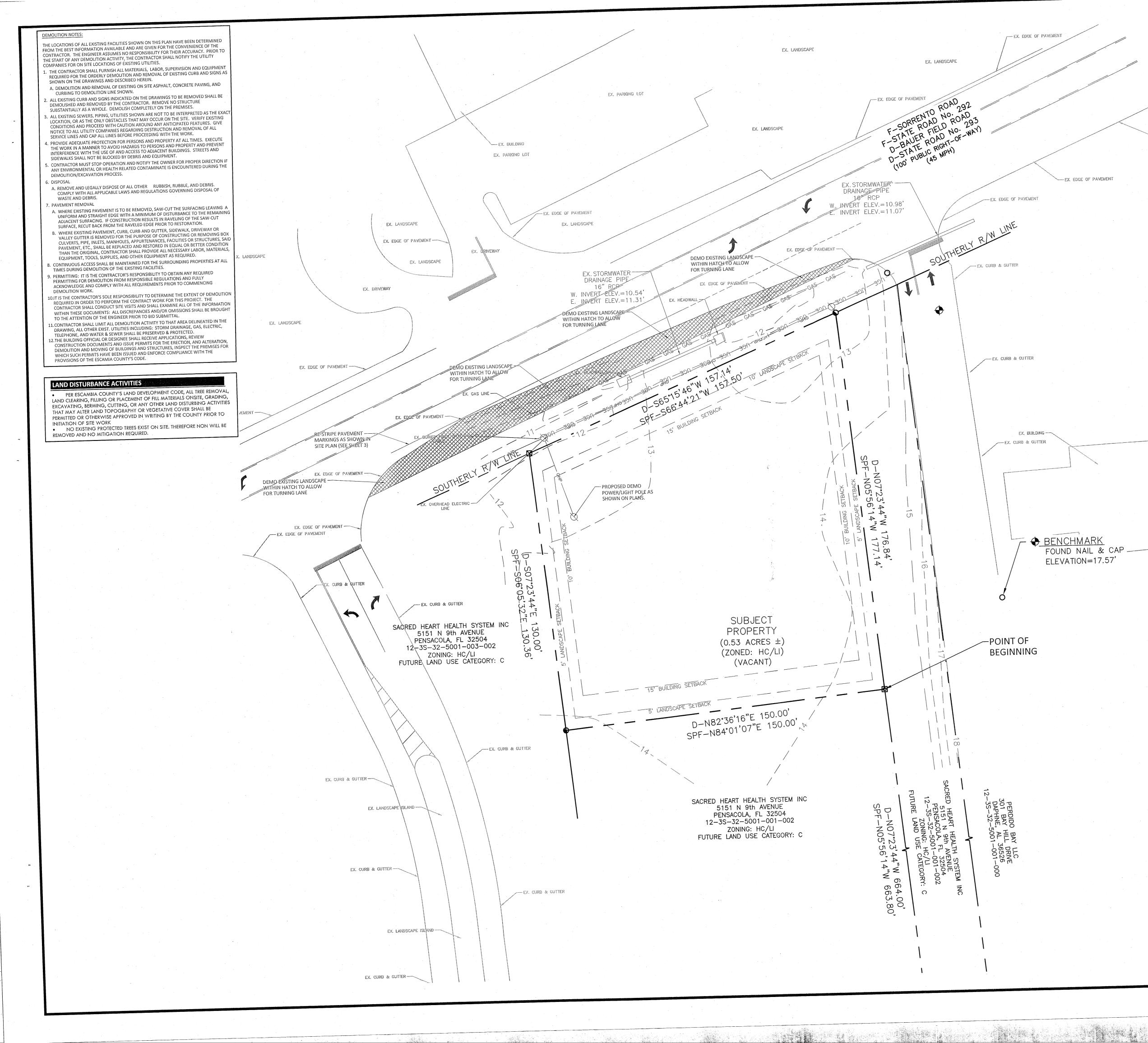
prior to approval of a fi

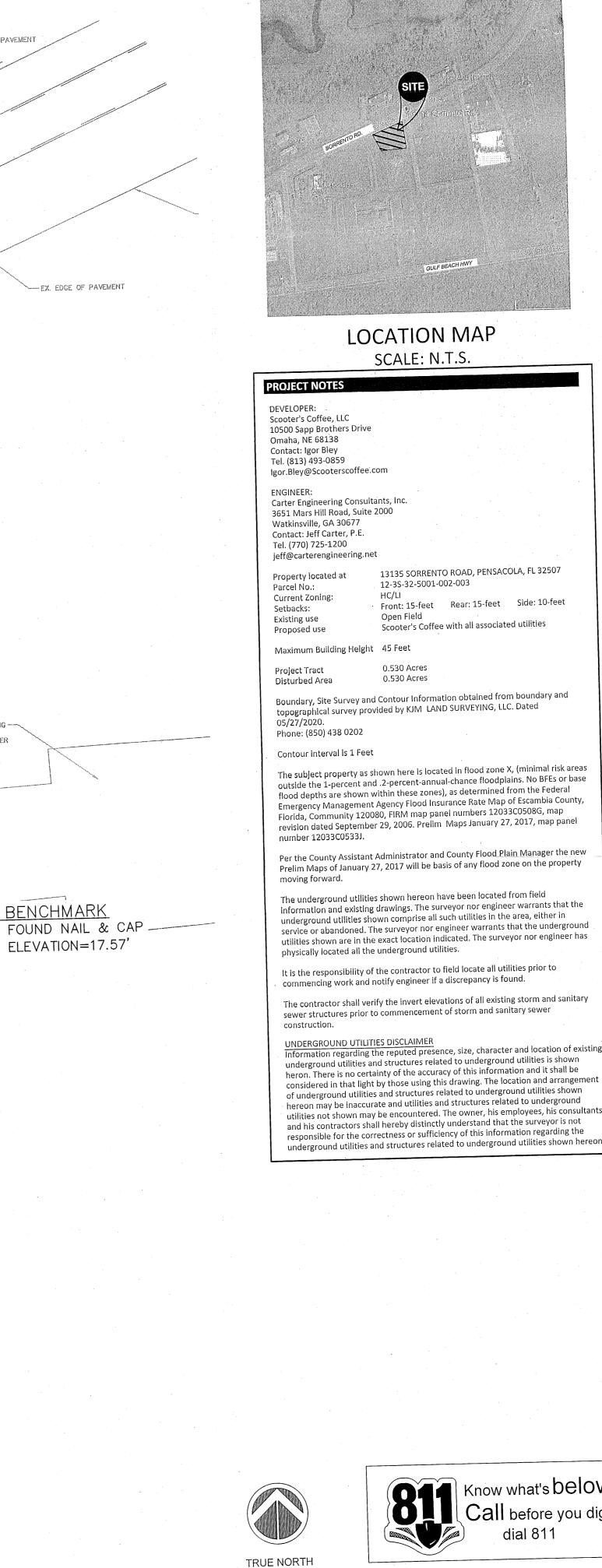
SHEET INDEX

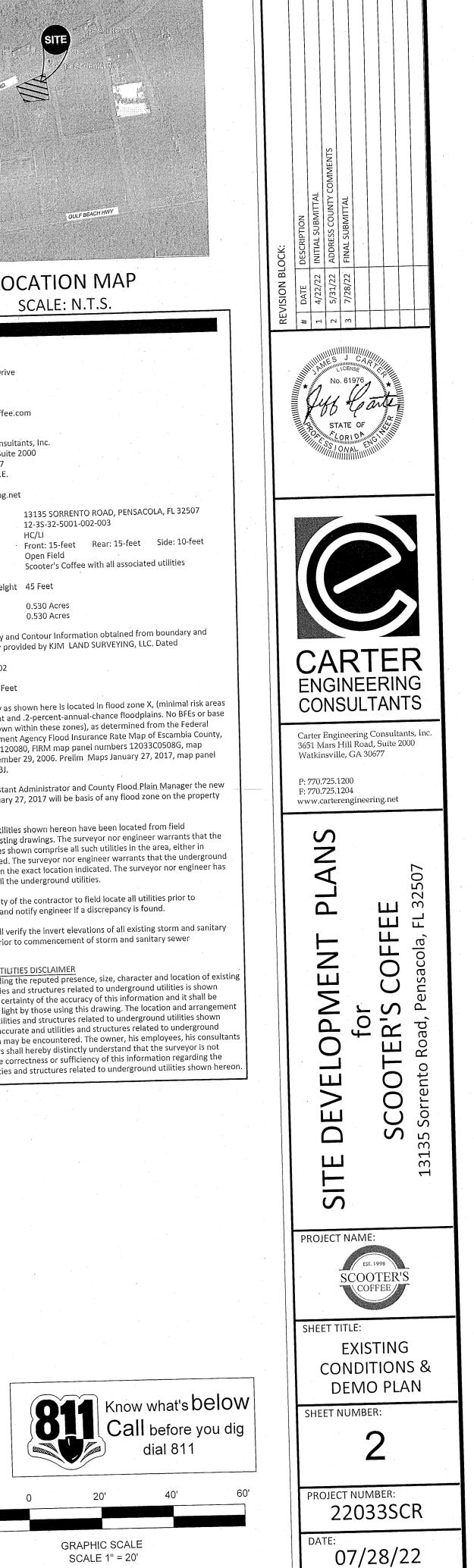
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	EXISTING CONDITIONS & DEMO PLAN
3	SITE PLAN
4	UTILITY PLAN
5	GRADING & DRAINAGE PLAN
6	SOIL & EROSION CONTROL PLAN
7	SOIL & EROSION CONTROL DETAILS
7.1	SOIL & EROSION CONTROL DETAILS
8	STANDARD DETAILS
8.1	STANDARD DETAILS
8.2	STANDARD DETAILS
9	LANDSCAPE PLAN
10	LANDSCAPE DETAILS
4	
DEV/	ISION BLOCK

REVISION DLUCK

REV. NO.			
NLV. NO.	DATE	DESCRIPTIO	N
1	04/22/22	INITIAL SUBMITTAL	
2	05/31/22	ADDRESS COUNTY COMME	NTS
3	07/28/22	FINAL SUBMITTAL	
4			
$(\)$	Suite 200	ville, GA 30677 25-1200	
C	F: 770-72 www.ca	rterengineering.net	No. 61976



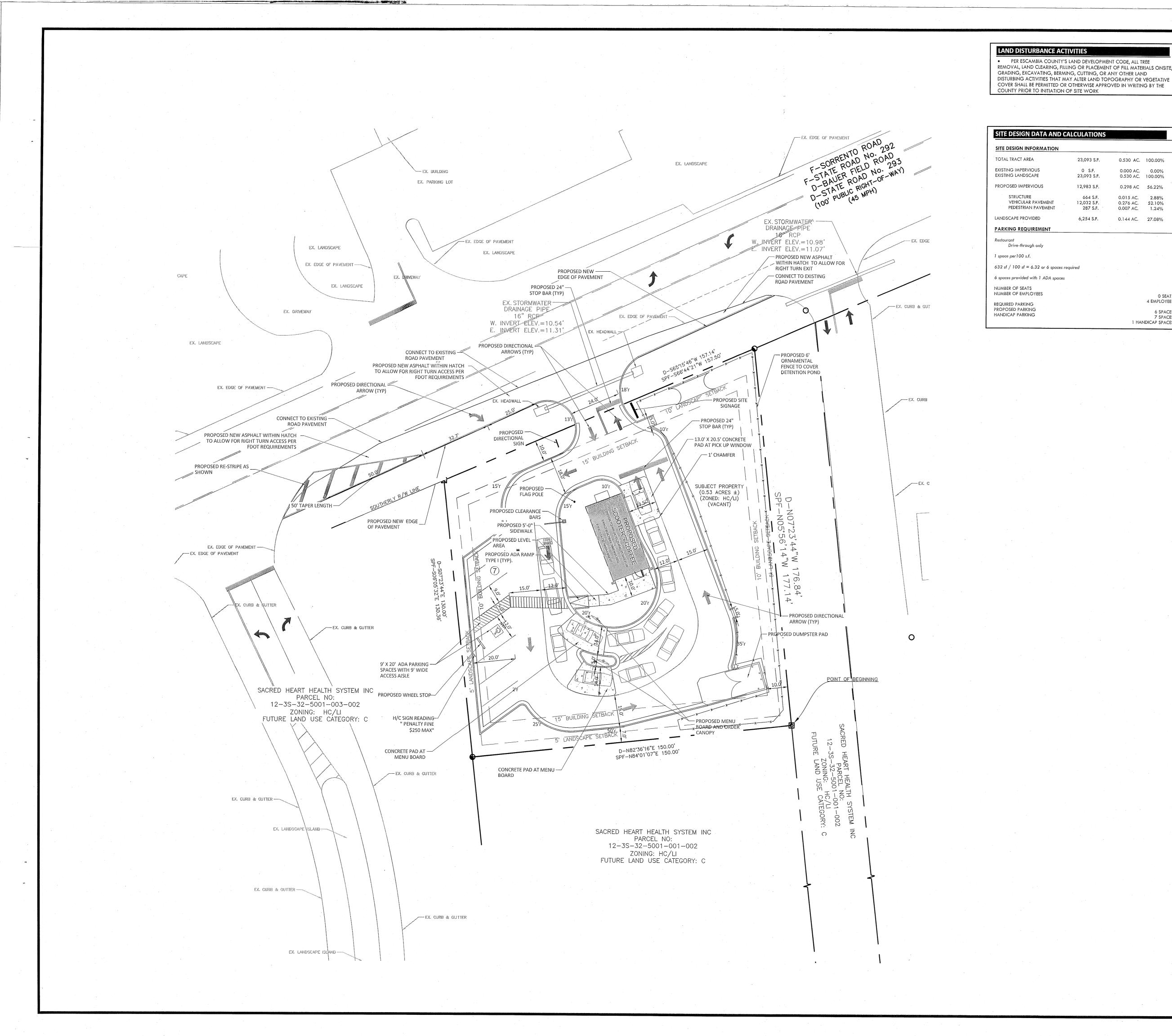




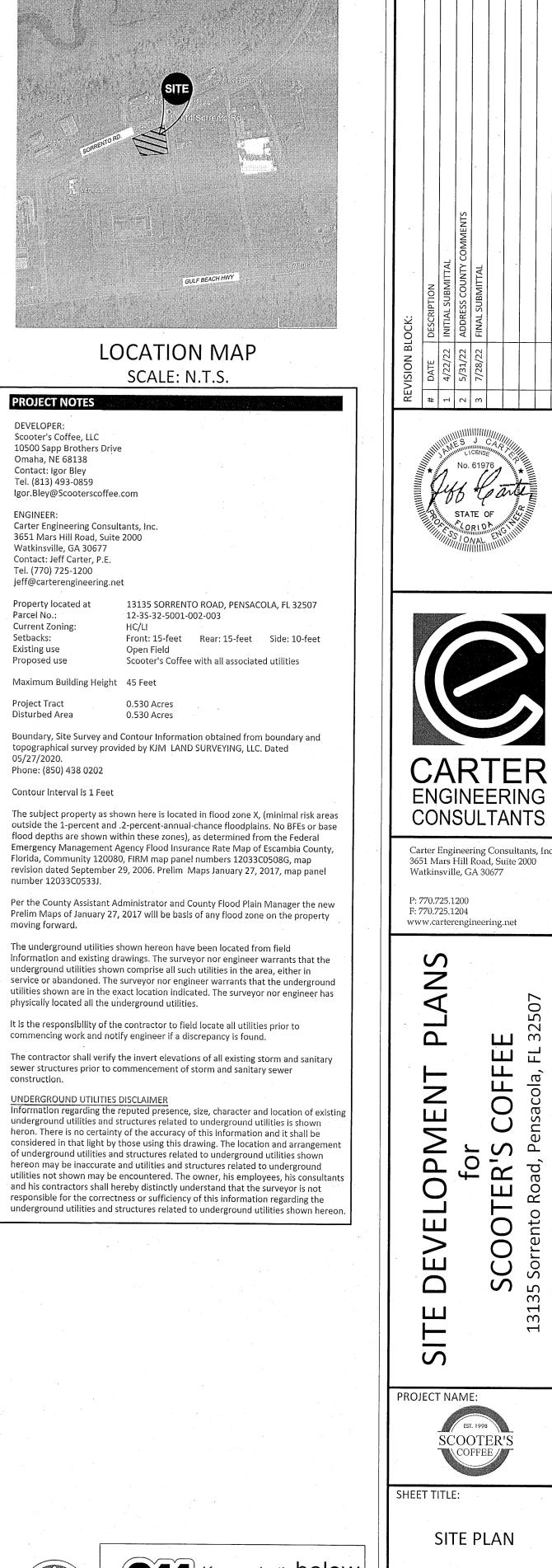
dial 811

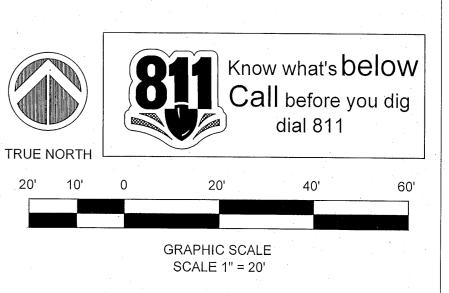
GRAPHIC SCALE

SCALE 1" = 20'



ALTER LAND TOPOG THERWISE APPROVE SITE WORK		
CULATIONS		
23,093 S.F.	0.530 AC.	100.00%
0 S.F. 23,093 S.F.	0.000 AC. 0.530 AC.	
12,983 S.F.	0.298 AC	56.22%
664 S.F. 12,032 S.F. 287 S.F.	0.015 AC. 0.276 AC. 0.007 AC.	2.88% 52.10% 1.24%
6,254 S.F.	0.144 AC.	27.08%
red		
		0 SEATS 4 EMPLOYEES
	1 HAI	6 SPACES 7 SPACES NDICAP SPACES





SHEET NUMBER:

PROJECT NUMBER:

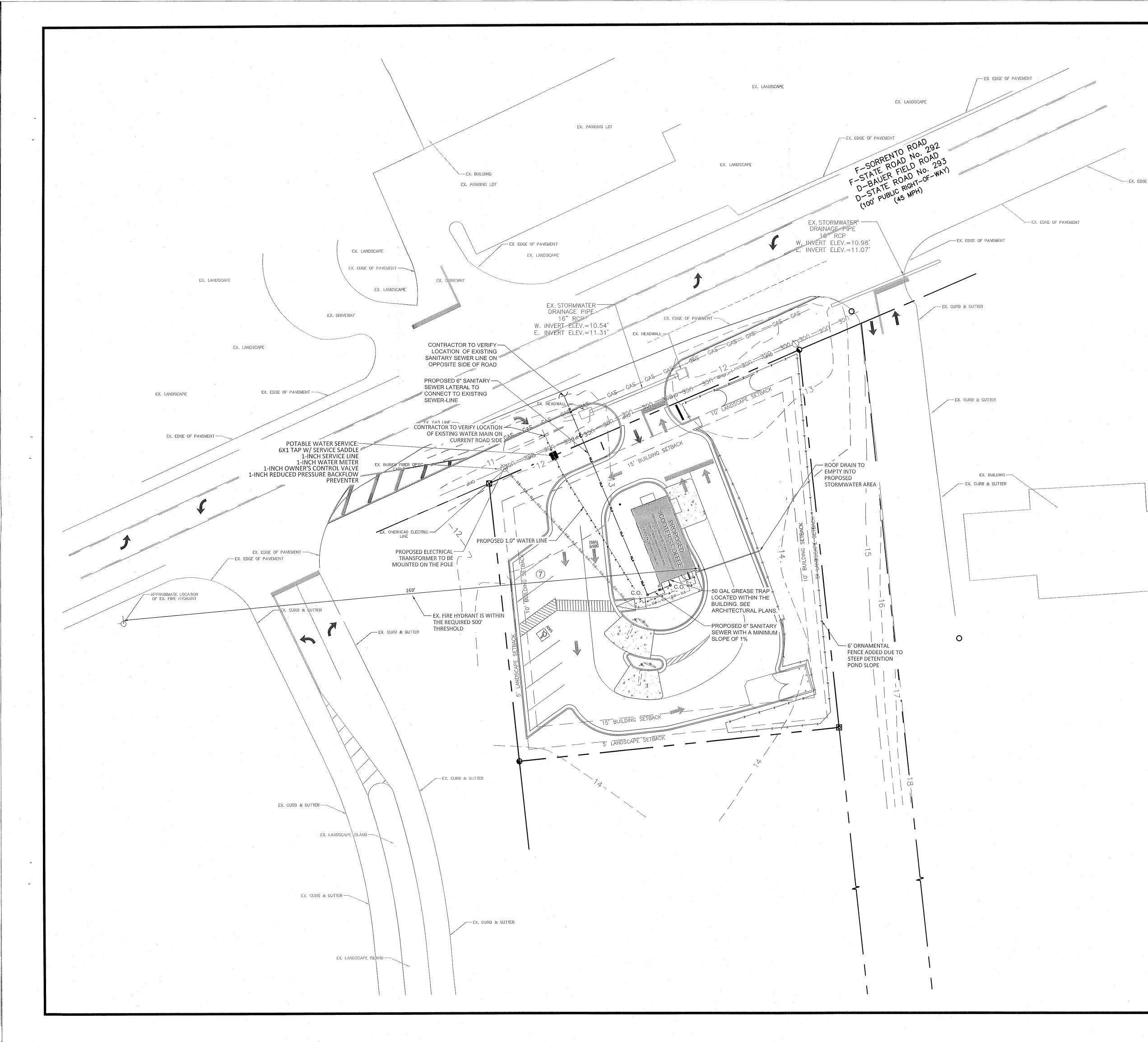
DATE:

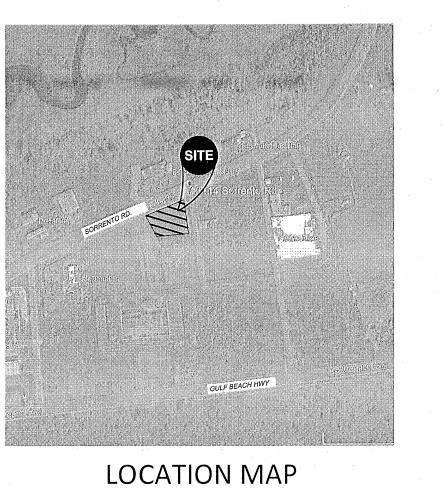
 \mathbf{O}

J

22033SCR

07/28/22





SCALE: N.T.S.

PROJECT NOTES	
DEVELOPER:	
Scooter's Coffee, LLC	
10500 Sapp Brothers Drive	
Omaha, NE 68138	
Contact: Igor Bley	
Tel. (813) 493-0859	
lgor.Bley@Scooterscoffee.com	
ENGINEER:	
Carter Engineering Consultants, Inc.	
3651 Mars Hill Road, Suite 2000	
Watkinsville, GA 30677	
Contact: Jeff Carter, P.E.	
Tel. (770) 725-1200	
jeff@carterengineering.net	

13135 SORRENTO ROAD, PENSACOLA, FL 32507 Property located at 12-35-32-5001-002-003 Current Zoning: HC/LI

Front: 15-feet Rear: 15-feet Side: 10-feet Open Field Scooter's Coffee with all associated utilities

Project Tract Disturbed Area

Maximum Building Height 45 Feet

Parcel No.:

Setbacks:

Existing use

Proposed use

0.530 Acres 0.530 Acres

Boundary, Site Survey and Contour Information obtained from boundary and topographical survey provided by KJM LAND SURVEYING, LLC. Dated 05/27/2020. Phone: (850) 438 0202

Contour interval is 1 Feet

The subject property as shown here is located in flood zone X, (minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones), as determined from the Federal Emergency Management Agency Flood Insurance Rate Map of Escambia County, Florida, Community 120080, FIRM map panel numbers 12033C0508G, map revision dated September 29, 2006. Prelim Maps January 27, 2017, map panel number 12033C0533J.

Per the County Assistant Administrator and County Flood Plain Manager the new Prelim Maps of January 27, 2017 will be basis of any flood zone on the property moving forward.

The underground utilities shown hereon have been located from field information and existing drawings. The surveyor nor engineer warrants that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor nor engineer warrants that the underground utilities shown are in the exact location indicated. The surveyor nor engineer has physically located all the underground utilities.

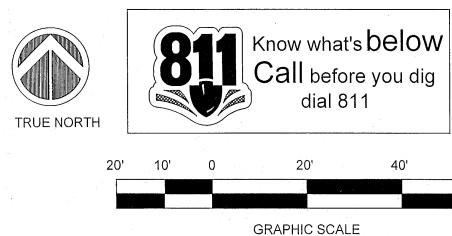
It is the responsibility of the contractor to field locate all utilities prior to commencing work and notify engineer if a discrepancy is found.

The contractor shall verify the invert elevations of all existing storm and sanitary sewer structures prior to commencement of storm and sanitary sewer construction.

UNDERGROUND UTILITIES DISCLAIMER

Information regarding the reputed presence, size, character and location of existing underground utilities and structures related to underground utilities is shown heron. There is no certainty of the accuracy of this information and it shall be considered in that light by those using this drawing. The location and arrangement of underground utilities and structures related to underground utilities shown hereon may be inaccurate and utilities and structures related to underground utilities not shown may be encountered. The owner, his employees, his consultants and his contractors shall hereby distinctly understand that the surveyor is not responsible for the correctness or sufficiency of this information regarding the underground utilities and structures related to underground utilities shown hereon.

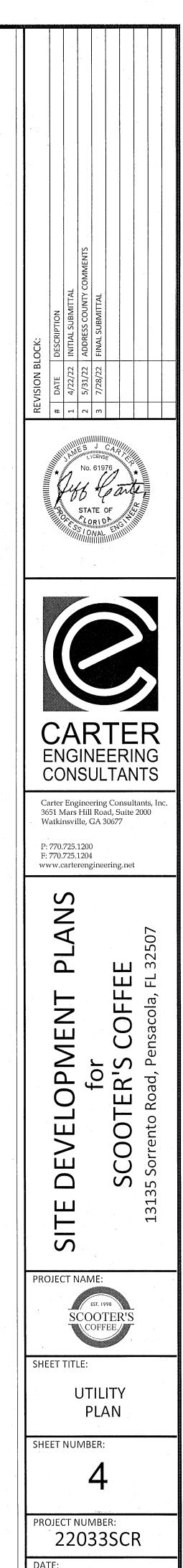
UTILITY NOTES EXISTING GREASE TRAP IN BUILDING (SEE ARCHITECTURAL PLANS FOR DETAILS)

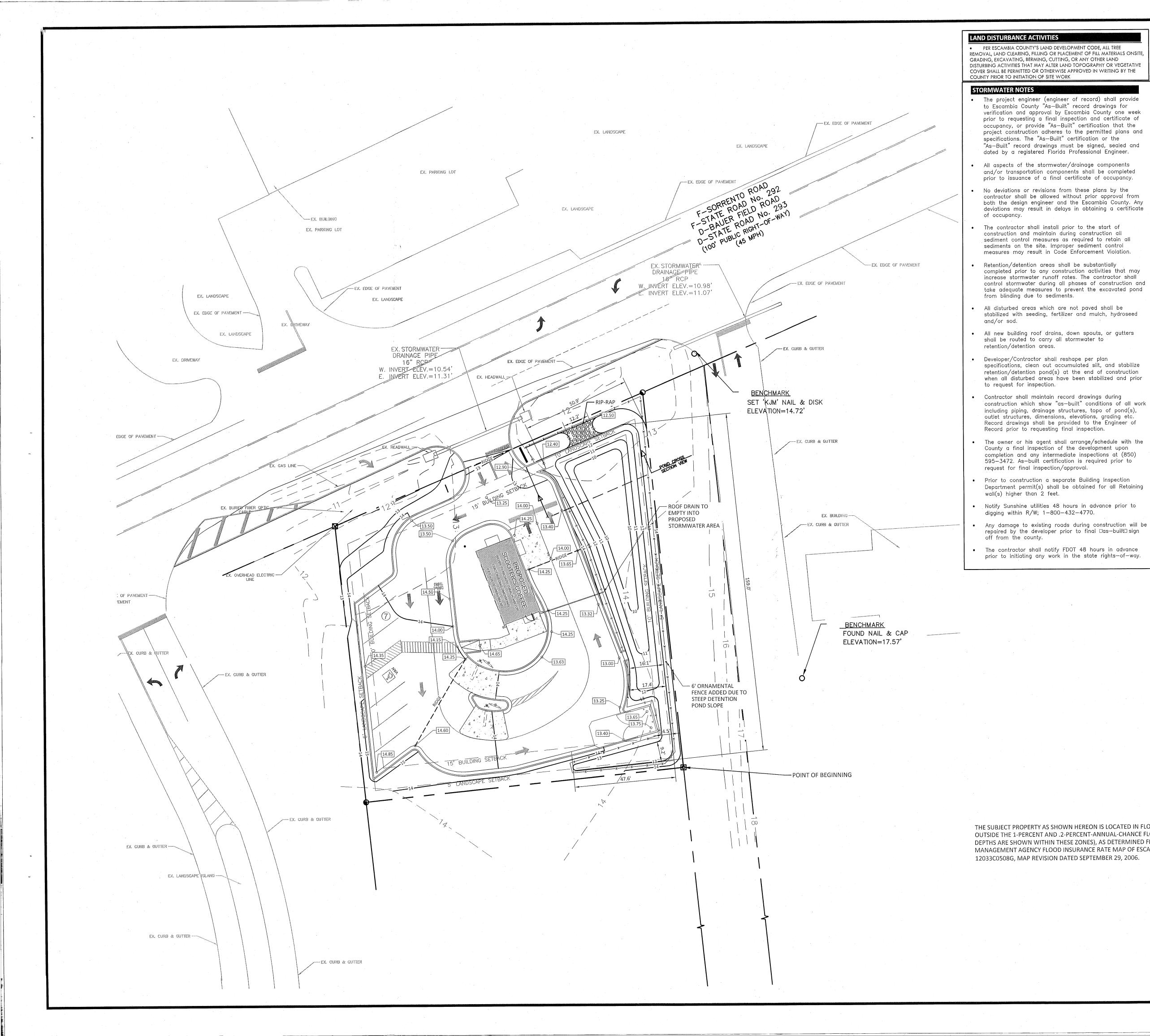


SCALE 1" = 20'

60'

07/28/22





GULF BEACH HWY

LOCATION MAP SCALE: N.T.S.

PROJECT NOTES DEVELOPER: Scooter's Coffee, LLC 10500 Sapp Brothers Drive Omaha, NE 68138 Contact: Igor Bley Tel. (813) 493-0859

lgor.Bley@Scooterscoffee.com ENGINEER: Carter Engineering Consultants, Inc. 3651 Mars Hill Road, Suite 2000 Watkinsville, GA 30677 Contact: Jeff Carter, P.E.

Tel. (770) 725-1200 jeff@carterengineering.net

Parcel No.:

Setbacks:

13135 SORRENTO ROAD, PENSACOLA, FL 32507 Property located at 12-35-32-5001-002-003 Current Zoning: HC/LI Front: 15-feet Rear: 15-feet Side: 10-feet Open Field Existing use Scooter's Coffee with all associated utilities Proposed use Maximum Building Height 45 Feet

0.530 Acres Project Tract 0.530 Acres Disturbed Area Boundary, Site Survey and Contour Information obtained from boundary and

topographical survey provided by KJM LAND SURVEYING, LLC. Dated 05/27/2020. Phone: (850) 438 0202

Contour interval is 1 Feet

SITE PLAN NOTE

The subject property as shown here is located in flood zone X, (minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones), as determined from the Federal Emergency Management Agency Flood Insurance Rate Map of Escambia County, Florida, Community 120080, FIRM map panel numbers 12033C0508G, map revision dated September 29, 2006. Prelim Maps January 27, 2017, map panel number 12033C0533J.

Per the County Assistant Administrator and County Flood Plain Manager the new Prelim Maps of January 27, 2017 will be basis of any flood zone on the property moving forward.

The underground utilities shown hereon have been located from field information and existing drawings. The surveyor nor engineer warrants that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor nor engineer warrants that the underground utilities shown are in the exact location indicated. The surveyor nor engineer has physically located all the underground utilities.

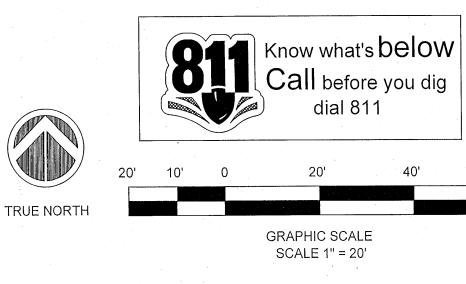
It is the responsibility of the contractor to field locate all utilities prior to commencing work and notify engineer if a discrepancy is found.

The contractor shall verify the invert elevations of all existing storm and sanitary sewer structures prior to commencement of storm and sanitary sewer construction.

UNDERGROUND UTILITIES DISCLAIMER Information regarding the reputed presence, size, character and location of existing underground utilities and structures related to underground utilities is shown heron. There is no certainty of the accuracy of this information and it shall be considered in that light by those using this drawing. The location and arrangement of underground utilities and structures related to underground utilities shown hereon may be inaccurate and utilities and structures related to underground utilities not shown may be encountered. The owner, his employees, his consultants and his contractors shall hereby distinctly understand that the surveyor is not responsible for the correctness or sufficiency of this information regarding the underground utilities and structures related to underground utilities shown hereon.

PARKING AREA SLOPE MUST NOT EXCEED 1:48

THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE X, (MINIMAL RISK AREAS OUTSIDE THE 1-PERCENT AND .2-PERCENT-ANNUAL-CHANCE FLOODPLAINS. NO BFES OR BASE FLOOD DEPTHS ARE SHOWN WITHIN THESE ZONES), AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, MAP NUMBER:





SOIL AND EROSION CONTROL NOTES DEVELOPER/OWNER: Scooter's Coffee, LLC

Leon sand and Resota sand.

10500 Sapp Brothers Drive, Omaha, NE 68138

24-HOUR CONTACT: Igor Bley (813) 493-0859 PROJECT DESCRIPTION: Existing land is undeveloped with the land sloping to the

north. The project includes the construction and grading of a Scooter's Coffee with the installation of all associated and warranted parking and utilities. TOTAL TRACT: 0.530 Acres

DISTURBED AREA: 0.530 Acres

CRITICAL AREAS: There are no critical areas on site. All slopes steeper than 3:1 shall have erosion control matting installed. There are NO state waters within 200 feet of the project site. There are NO

wetlands located on or within the project limits. SOILS: The USDA Web Soil Survey of the subject property identifies the soil type as

- Additional measures will be added if deemed necessary by on-site inspection The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to, or concurrent
- with, land-disturbing activities. Erosion control measures shall be maintained at all times. If full implementation of the approved plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source. Practices will be checked daily.

---- EX. BUILDING

X. GAS LIN

DISTURBED AREA -

- EX. CURB & GUTTER

15

EX. OVERHEAD ELECTRIC -

- EX. CURB & GUTTER

19

EX. EDGE OF PAVEMENT ----

(9)

UTTER -----

EX. LANDSCAPE VSLAND ----

- Standard and specifications: all design will conform to and all work will be performed in accordance with the standards and specifications set forth in the State approved erosion control design manual.
- The contractor shall observe the project schedule shown on the plans. The contractor shall maintain careful scheduling and performance to insure that land stripped of its natural cover is exposed only in small time periods. Prior to commencing land disturbing activity, the limits of land disturbance
- and all stream buffers shall be clearly and accurately demarcated with stakes ribbons, and/or other appropriate means. The location and extent of all authorized land disturbance activity shall be demarcated for the duration of the construction and no land disturbance shall occur outside approved limits.
- A stabilized construction entrance shall be installed at each point of entry/exit from the site onto any public roadway prior to any other construction. As indicated on the activity schedule on the sheet labeled 'Erosion Control Notes', sediment controls at the perimeter and the construction exits will be
- constructed prior to clearing or grading of any portion of the site. Any disturbed area left exposed for a period greater than 7 days shall be stabilized with mulch or temporary seeding.
- 10. Once construction activity ceases permanently in an area, that area will be stabilized with permanent seed and mulch. After the entire site is stabilized, all accumulated sediment will be removed and disposed of properly and all perimeter sediment controls will be removed.
- . All drain inlet protection devices are to be removed within 30 days after the site has been stabilized, or when inlet protection is no longer needed. The area around the inlet is to be cleaned and re-graded. In addition, the inside of the storm drain inlet must be cleared and be free of sediment and debris at
- the time of final inspection. 12. The contractor shall be responsible for removing all temporary BMPs.

EROSION CONTROL LEGEND

Du	DUST CONTROL	
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING)	
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)	Sd2-F INLET PROTECTION CLOTH & GRAVEL
		Sd1-C SILT FENCE - TYPE

Ds3 (WITH PERMANENT VEGETATION) (CONSTRUCTION EXIT CO

PROJECT AREA SOIL & EROSION CONTROL CALCULATIONS

SEDIMENT STORAGE CALCULATIONS: 0.530 acres Disturbed Area

Required Sed. Storage 0.530 ac. x 67 cy/ac = 35.51 cy

Sediment Storage Provided by the following BMPs (See notes for calculations): -Silt Fence Storage Length of Silt Fence x 0.216 cy/lf 565 x 0.216 = 122.04 cy

SOIL AND EROSION GENERAL SITE NOTES Washout of the drum at the construction site is strictly prohibited.

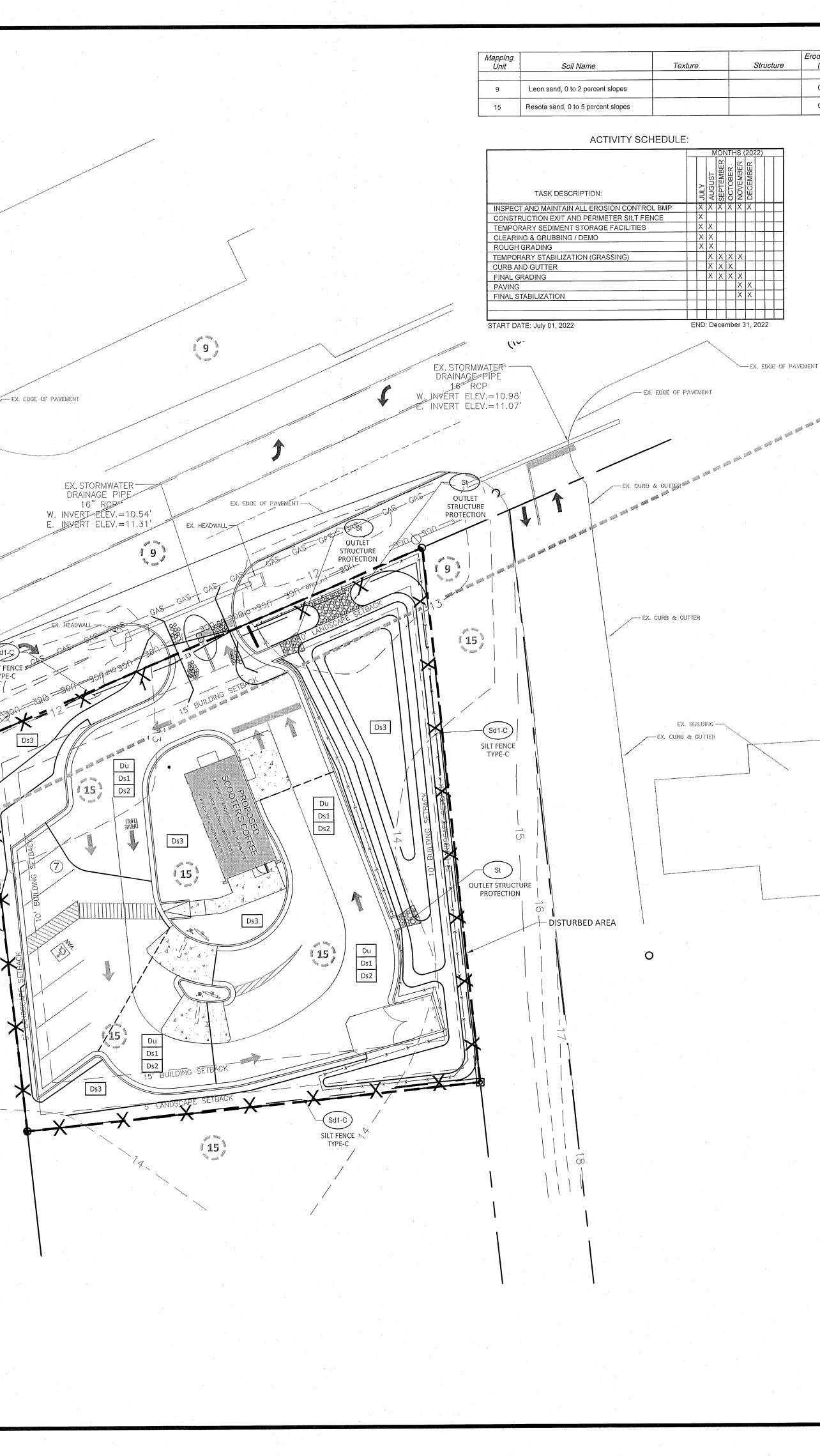
All environmental buffers shall be clearly delineated in the field before clearing and grubbing begins. 3. Any amendment or revision to the ES&PC plan that will affect

BMPs with a hydraulic component must be certified by the design professional and approved by municipal authority.

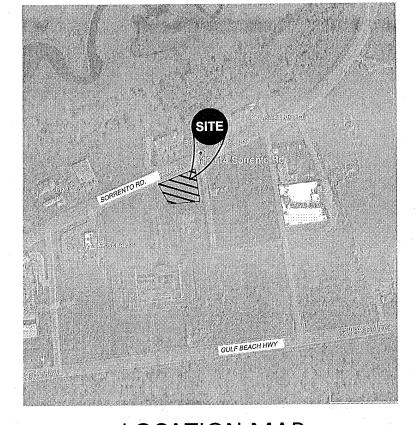
ESCAMBIA COUNTY STORMWATER NOTES

64

- The project engineer (engineer of record) shall provide to Escambia County "As-Built" record drawings for verification and approval by Escambia County one week prior to requesting a final inspection and certificate of occupancy, or provide "As-Built" certification that the project construction adheres to the permitted plans and specifications. The "As-Built" certification or the "As-Built" record drawings must be signed, sealed and dated by a registered Florida Professional Engineer.
- All aspects of the stormwater/drainage components and/or transportation components shall be completed prior to issuance of a final certificate of occupancy.
- No deviations or revisions from these plans by the contractor shall be allowed without prior approval from both the design engineer and the Escambia County. Any deviations may result in delays in obtaining a certificate of occupancy.
- The contractor shall install prior to the start of construction and maintain during construction all sediment control measures as required to retain all sediments on the site. Improper sediment control measures may result in Code Enforcement Violation.
- Retention/detention areas shall be substantially completed prior to any construction activities that may increase stormwater runoff rates. The contractor shall control stormwater during all phases of construction and take adequate measures to prevent the excavated pond from blinding due to sediments.
- All disturbed areas which are not paved shall be stabilized with seeding, fertilizer and mulch, hydroseed and/or sod.
- All new building roof drains, down spouts, or gutters shall be routed to carry all stormwater to retention/detention areas.
- Developer/Contractor shall reshape per plan specifications, clean out accumulated silt, and stabilize retention/detention pond(s) at the end of construction when all disturbed areas have been stabilized and prior to request for inspection.
- Contractor shall maintain record drawings during construction which show "as-built" conditions of all work including piping, drainage structures, topo of pond(s), outlet structures, dimensions, elevations, grading etc. Record drawings shall be provided to the Engineer of Record prior to requesting final inspection.
- The owner or his agent shall arrange/schedule with the County a final inspection of the development upon completion and any intermediate inspections at (850) 595-3472. As-built certification is required prior to request for final inspection/approval.
- Prior to construction a separate Building Inspection Department permit(s) shall be obtained for all Retaining wall(s) higher than 2 feet.
- Notify Sunshine utilities 48 hours in advance prior to digging within R/W; 1-800-432-4770.
- Any damage to existing roads during construction will be repaired by the developer prior to final 🗆as-built🗆 sign off from the county.
- The contractor shall notify FDOT 48 hours in advance prior to initiating any work in the state rights-of-way.



ure	Erodibility (k)	Permeability (in/hr)
	0.05	0.20 to 1.98
<u></u>	0.02	19.98 to 50.02



LOCATION MAP SCALE: N.T.S.

PROJECT NOTES DEVELOPER: Scooter's Coffee, LLC 10500 Sapp Brothers Drive Omaha, NE 68138 Contact: Igor Bley Tel. (813) 493-0859 Igor.Bley@Scooterscoffee.com ENGINEER: Carter Engineering Consultants, Inc 3651 Mars Hill Road, Suite 2000 Watkinsville, GA 30677 Contact: Jeff Carter, P.E. Tel. (770) 725-1200 jeff@carterengineering.net

Property located at Parcel No.: Current Zoning: Setbacks: Existing use Proposed use

13135 SORRENTO ROAD, PENSACOLA, FL 32507 12-35-32-5001-002-003 HC/LI

Front: 15-feet Rear: 15-feet Side: 10-feet Open Field Scooter's Coffee with all associated utilities

Project Tract 0.530 Acres 0,530 Acres Disturbed Area

Maximum Building Height 45 Feet

Boundary, Site Survey and Contour Information obtained from boundary and topographical survey provided by KJM LAND SURVEYING, LLC. Dated 05/27/2020. Phone: (850) 438 0202

Contour interval is 1 Feet

The subject property as shown here is located in flood zone X, (minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones), as determined from the Federal Emergency Management Agency Flood Insurance Rate Map of Escambia County, Florida, Community 120080, FIRM map panel numbers 12033C0508G, map revision dated September 29, 2006. Prelim Maps January 27, 2017, map panel number 12033C0533J.

Per the County Assistant Administrator and County Flood Plain Manager the new Prelim Maps of January 27, 2017 will be basis of any flood zone on the property moving forward.

The underground utilities shown hereon have been located from field information and existing drawings. The surveyor nor engineer warrants that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor nor engineer warrants that the underground utilities shown are in the exact location indicated. The surveyor nor engineer has physically located all the underground utilities.

It is the responsibility of the contractor to field locate all utilities prior to commencing work and notify engineer if a discrepancy is found.

The contractor shall verify the invert elevations of all existing storm and sanitary sewer structures prior to commencement of storm and sanitary sewer construction.

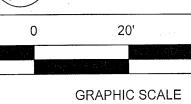
UNDERGROUND UTILITIES DISCLAIMER Information regarding the reputed presence, size, character and location of existing

underground utilities and structures related to underground utilities is shown heron. There is no certainty of the accuracy of this information and it shall be considered in that light by those using this drawing. The location and arrangement of underground utilities and structures related to underground utilities shown hereon may be inaccurate and utilities and structures related to underground utilities not shown may be encountered. The owner, his employees, his consultants and his contractors shall hereby distinctly understand that the surveyor is not responsible for the correctness or sufficiency of this information regarding the underground utilities and structures related to underground utilities shown hereon.

SITE DESIGN DATA AND CALCULATIONS SITE DESIGN INFORMATION 0.530 AC. 100.00% TOTAL TRACT AREA 23,093 S.F. EXISTING IMPERVIOUS 0 S.F. 0.000 AC. 0.00% EXISTING LANDSCAPE 23,093 S.F. 0.530 AC. 100.00% PROPOSED IMPERVIOUS 12,983 S.F 0.298 AC 56.22% 664 S.F. 0.015 AC. 2.88% STRUCTURE VEHICULAR PAVEMENT 12,032 S.F. 0.276 AC. 52.10% PEDESTRIAN PAVEMENT 287 S.F. 0.007 AC. 1.24% 6,254 S.F. LANDSCAPE PROVIDED 0.144 AC. 27.08% PARKING REQUIREMEN Restaurant Drive-through only 1 space per 100 s.f. 632 sf / 100 sf = 6.32 or 6 spaces required 6 spaces provided with 1 ADA spaces NUMBER OF SEATS NUMBER OF EMPLOYEES O SEATS 4 EMPLOYEES REQUIRED PARKING PROPOSED PARKING HANDICAP PARKING 6 SPACES 7 SPACES 1 HANDICAP SPACES



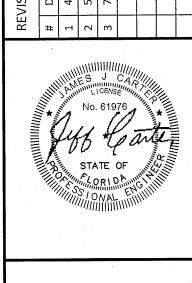
TRUE NORTH

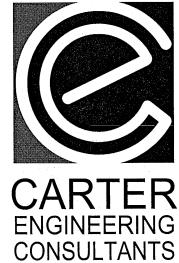


D A Know what's below

Call before you dig

dial 81





Carter Engineering Consultants, In 3651 Mars Hill Road, Suite 2000



Watkinsville, GA 30677



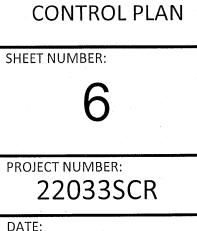
 \bigcirc

N IN

 ∞

S PROJECT NAME: EST. 1998 SCOOTER'S COFFEE // SHEET TITLE: SOIL AND EROSION

 \square



07/28/22

SCALE 1" = 20'

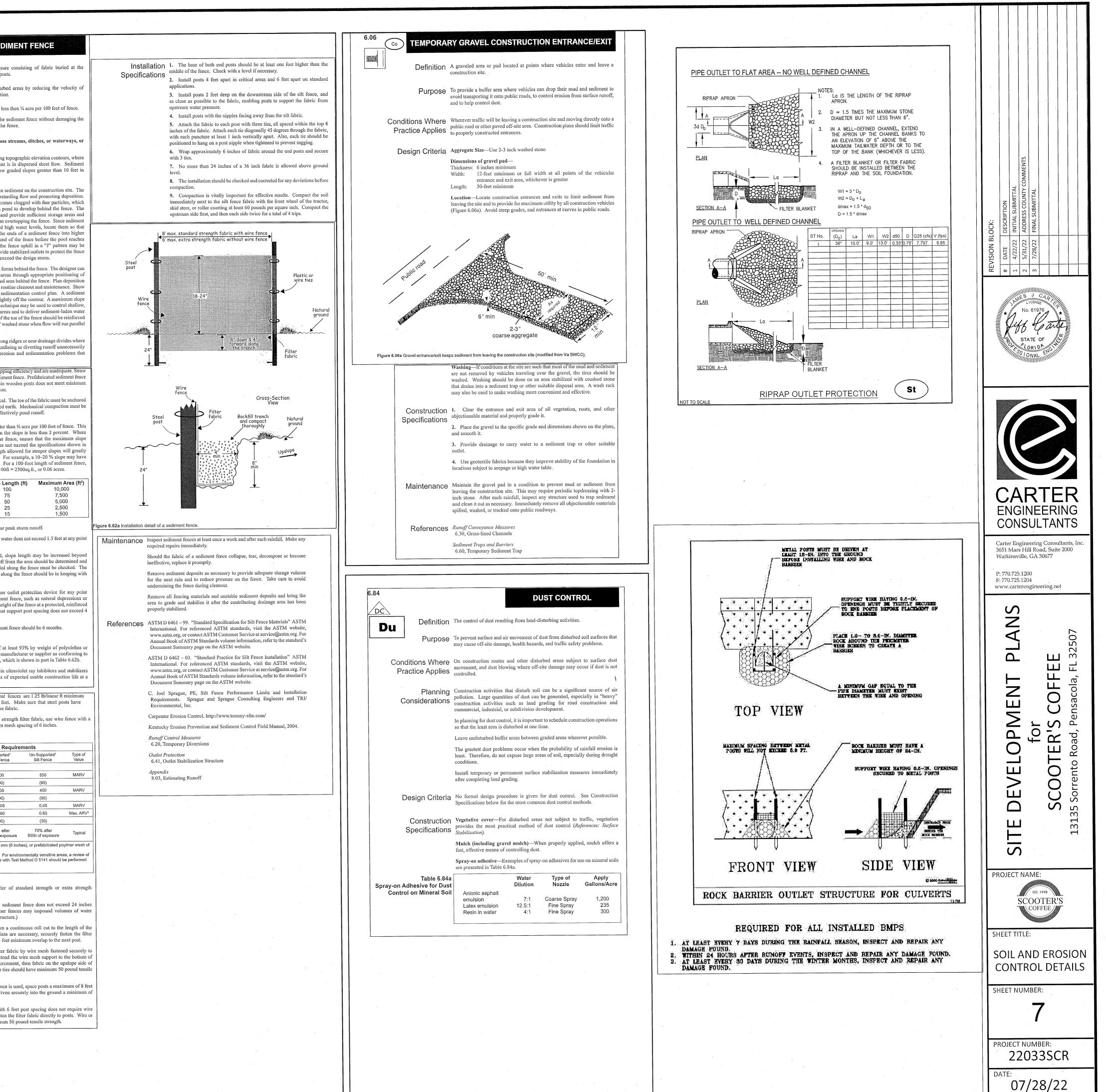
40'

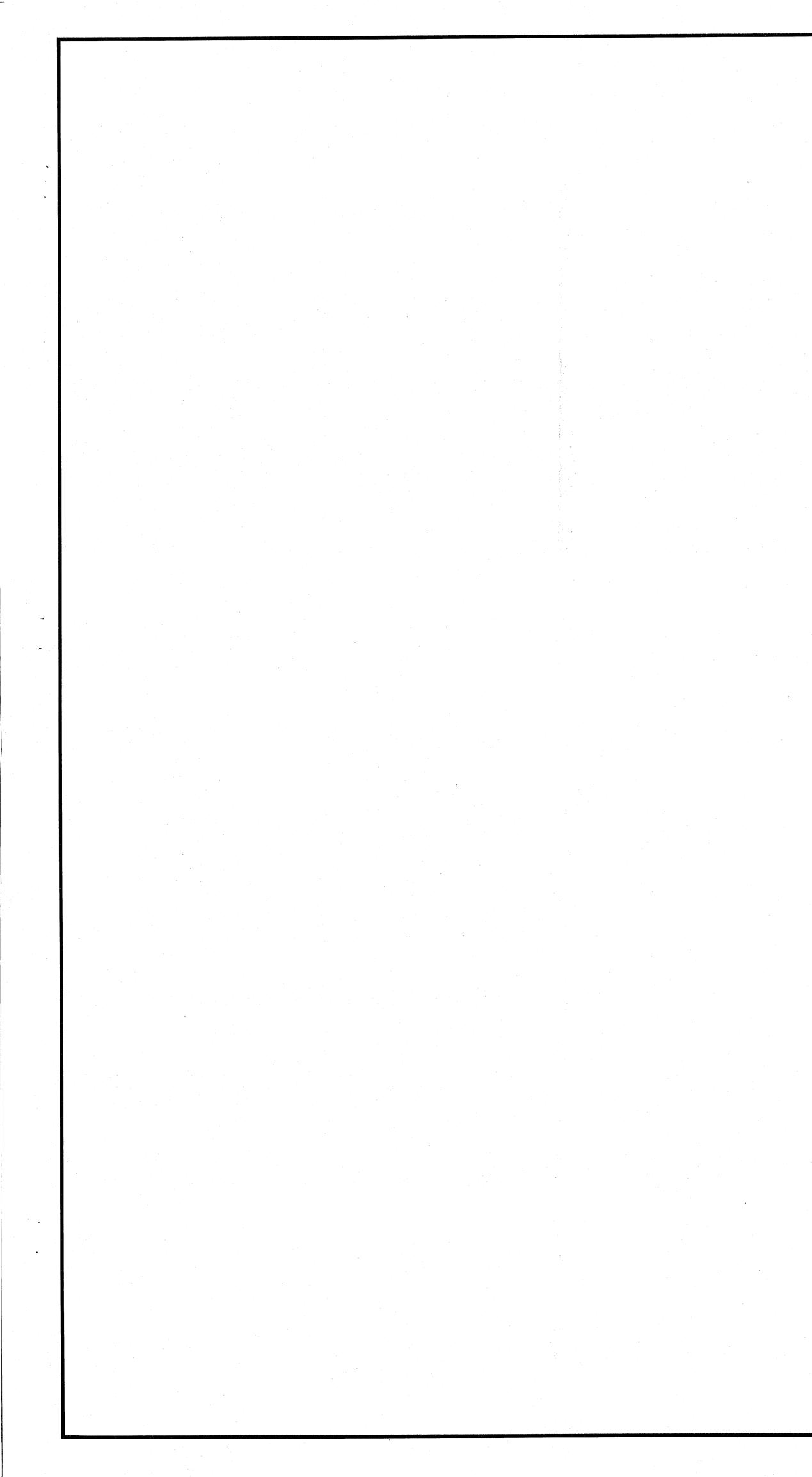
60'

\frown	TEMPORARY SEEDING	6.62	SED
TS Definition	Planting rapid-growing annual grasses, small grains, or legumes to provide initial, temporary cover for erosion control on disturbed areas.	Definition	A temporary sediment control measure bottom, stretched, and supported by pos
Purpose	To temporarily stabilize denuded areas that will not be brought to final grade for a period of more than 21 calendar days.		To retain sediment from small disturb sheet flows to allow sediment depositio
	Temporary seeding controls runoff and erosion until permanent vegetation or other erosion control measures can be established. In addition, it provides residue for soil protection and seedbed preparation, and reduces problems of	Practice Applies	Below small-disturbed areas that are less Where runoff can be stored behind the fence or the submerged area behind the
Conditions Where Practice Applies	vegetative cover is needed for less than 1 year. Applications of this practice include diversions, dams, temporary sediment basins, temporary road banks,		Do not install sediment fences across other areas of concentrated flow. Sediment fence should be placed along it can intercept stormwater runoff that fence should not be used alone below
Planning Considerations	are suitable for establishing initial or temporary vegetative cover. Temporary seeding preserves the integrity of earthen sediment control structures such as dikes, diversions, and the banks of dams and sediment basins. It can also reduce the amount of maintenance associated with these devices. For example,	Planning Considerations	height. A sediment fence is a system to retain a fence retains sediment primarily by reta In operation, generally the fence becor reduce the flow rate. This causes a po- designer should anticipate ponding an
	Proper seedbed preparation, selection of appropriate species, and use of quality seed are as important in this Practice as in Practice 6.11, <i>Permanent Seeding</i> . Failure to follow established guidelines and recommendations carefully may result in an inadequate or short-lived stand of vegetation that will not control		overflow outlets to prevent flows from fences are not designed to withstand I only shallow pools can form. Tie the ground to prevent flow around the end design level. Curling each end of the appropriate to prevent end flow. Provid system and release storm flows that exc
			Deposition occurs as the storage pool fo direct flows to specified deposition are the fence or by providing an excavated
Specifications	control practices such as, dikes, waterways, and basins. Minimize steep slopes because they make seedbed preparation difficult and increase the erosion hazard. If soils become compacted during grading, loosen them to a depth of 6-8 inches using a ripper, harrow, or chisel plow.		areas at accessible points to promote ro deposition areas in the erosion and se fence acts as a diversion if placed sligh of 2 percent is recommended. This tect uniform flows from small disturbed are to deposition areas. The anchoring of th with 12 inches of NC DOT #5 or #57 w
	Good seedbed preparation is essential to successful plant establishment. A good seedbed is well-pulverized, loose, and uniform. Where hydroseeding methods are used, the surface may be left with a more irregular surface of large clods and stones.		to the toe of the fence. Sediment fences serve no function alon there is little movement of water. Conf with a sediment fence may create ero would not otherwise occur.
	of the soil is not known, an application of ground agricultural limestone at the rate of 1 to 1 1/2 tons/acre on coarse-textured soils and 2-3 tons/acre on fine-textured soils is usually sufficient. Apply limestone uniformly and incorporate		Straw barriers have only a 0-20% trapp bales may not be used in place of sedim with the fabric already stapled to thin standards specified later in this section Anchoring of sediment fence is critical
	should be incorporated into the top 4-6 inches of soil. If a hydraulic seeder is used, do not mix seed and fertilizer more than 30 minutes before application. Surface roughening—If recent tillage operations have resulted in a loose surface, additional roughening may not be required, except to break up large clods. If rainfall causes the surface to become sealed or crusted, loosen it	Design Criteria	in a trench backfilled with compacted provided in order for the fence to effect Ensure that drainage area is no greater is the maximum drainage area when t all runoff is to be stored behind the length behind a sediment fence does Table 6.62a. The shorter slope length reduce the maximum drainage area. F
	Groove or furrow slopes steeper than 3:1 on the contour before seeding (Practice 6.03, <i>Surface Roughening</i>). PLANT SELECTION Select an appropriate species or species mixture from Table 6.10a for seeding in late winter and early spring, Table 6.10b for summer, and Table 6.10c for fall.	Table 6.62a Maximum Slope Length and Slope for which Sediment Fence is	<pre> <2% 1 2 to 5% 5 to 10% </pre>
	In the Mountains, December and January seedings have poor chances of success. When it is necessary to plant at these times, use recommendations for fall and a securely tacked mulch. SEEDING	,	10 to 20% >20% Make the fence stable for the 10-year Ensure that the depth of impounded wa
	or hydroseeder. Use seeding rates given in Tables 6.10a-6.10c. Broadcast seeding and hydroseeding are appropriate for steep slopes where equipment cannot be driven. Hand broadcasting is not recommended because of the difficulty in achieving a uniform distribution.		along the fence. If non-erosive outlets are provided, s that shown in Table 6.62a, but runoff bypass capacity and erosion potential velocity of the flow at the outlet or alo
	legumes no more than 1/2 inch. Broadcast seed must be covered by raking or chain dragging, and then lightly firmed with a roller or cultipacker. Hydroseeded mixtures should include a wood fiber (cellulose) mulch. MULCHING The use of an appropriate mulch will help ensure establishment under normal		Table 8.05d, Appendix 8.05. Provide a riprap splash pad or other where flow may overtop the sedimer swales. Ensure that the maximum heig outlet does not exceed 2 feet and that feet.
	 conditions, and is essential to seeding success under harsh site conditions (Practice 6.14, <i>Mulching</i>). Harsh site conditions include: seeding in fall for winter cover (wood fiber mulches are not considered adequate for this use), slopes steeper than 3:1, 	Construction Specifications	The design life of a synthetic sedimen MATERIALS 1. Use a synthetic filter fabric of all polyester, which is certified by the ma
	 adverse soils (shallow, rocky, or high in clay or sand), and areas receiving concentrated flow. If the area to be mulched is subject to concentrated waterflow, as in channels, anchor mulch with netting (Practice 6.14, <i>Mulching</i>). 		the requirements in ASTM D 6461, w Synthetic filter fabric should contain to provide a minimum of 6 months of temperature range of 0 to 120° F.
Maintenance	Reseed and mulch areas where seedling emergence is poor, or where erosion occurs, as soon as possible. Do not mow. Protect from traffic as much as possible.		 Ensure manipulation for security in the security is security in the security in the security in the security in the security is security in the security in the security in the security is security in the security in the security in the security is security in the security in the security in the security is security in the security in the security in the security is security in the security in the security in the security is security in the security in the security in the security in the security is security in the security in the security in the security in the security is security in the security is security in the security is security in the secur
commendations for Late Winter/Early Sp	Seeding mixture	Table 6.62b Specifications F	or Sediment Fence Fabric ary Silt Fence Material Property R Supporte
Rate (Ib/acre) 120	German millet 40		t Material Units Silt Fen M D 4632 N (lbs) 400
n, 50	substituted at a rate of 50 lb/acre.	X-Machine Direction	(90) 400 (90)
luration of temporary cover is not	to Mountains—May 15 - Aug. 15 Piedmont—May 1 - Aug. 15		M D 4491 sec-1 0.05 M D 4751 mm 0.60
	Soil amendments Follow recommendations of soil tests or apply 2,000 lb/acre ground	Ultraviolet Stability AST	(US Sieve #) (30) % 70% afi [M D 4355 Retained 500h of exp Strength
l tests or apply 2,000 lb/acre gro o/acre 10-10-10 fertilizer.	Mulch Apply 4.000 lb/acre straw, Anchor straw by tacking with asphalt, netting,	equivalent strength.	age steel wire with a mesh spacing of 150 mr birical evidence with a variety of sediment. For hally specific geotextile tests in accordance w see requirements. Alethod D 4632.
k with blades set nearly straight car	be immediately following erosion or other damage.		 CONSTRUCTION Construct the sediment barrier synthetic filter fabrics. Ensure that the height of the se above the ground surface. (Higher
dequate. Reseed, refertilize and mu r other damage.			sufficient to cause failure of the struct3. Construct the filter fabric from barrier to avoid joints. When joint cloth only at a support post with 4 fe
			4. Support standard strength filter the upslope side of the posts. Exter
			the trench. Fasten the wire reinforce the fence post. Wire or plastic zip to strength.5. When a wire mesh support fence
	Definition Purpose Conditions Where Practice Applies Planning Considerations Specifications Specifications Commendations for Late Winter/Early Sp Rate (Ib/acre) 120 N So Auration of temporary cover is not eb. 15 - May 15 eb. 1- May 1 It tests or apply 2,000 Ib/acre grou /acre 10-10 fortilizer. or straw by tacking with asphalt, nettin k with blades set nearly straight can	<page-header><section-header> 3 <trr> 3</trr></section-header></page-header>	Image: A set of the set

*

0





Inspections, Operations and Maintenance of Retention Basins according to the Escambia County LID BMP Manual

5.3.7. Inspections, Operation and Maintenance

Maintenance issues associated with retention basins are related to clogging of the porous soils, which reduces or prevents infiltration thereby slowing recovery of the stormwater treatment volume and often resulting in standing water. Sedimentation can cause clogging and resulting sealing of the bottom or side slope soils. It can also occur from excessive loading of oils and greases or from excessive algal or microorganism growth. Standing water within a retention basin can also result from an elevated high water table or from ground water mounding, both of which can present long term operational issues that may require redesign of the system.

To determine if an infiltration system is properly functioning or whether it needs maintenance requires that an inspection be done within 72 hours after a storm. The inspection should determine if the retention basin is recovering its storage volume within its permitted time frames, generally 24 to 72 hours after a storm. If this is not occurring and there is standing water, then the cause must be determined and actions undertaken beginning with those specified in the system's Operation and Maintenance Plan.

69

A. Inspection Items:

- Inspect basin for storage volume recovery within the permitted time set forth in <u>Section</u> 5.3.4. Failure to percolate the required treatment volumes indicates reduction of the infiltration rate and a need to restore system permeability.
- Inspect and monitor sediment accumulation on the basin bottom or inflow to prevent clogging of the retention basin or the inflow pipes.

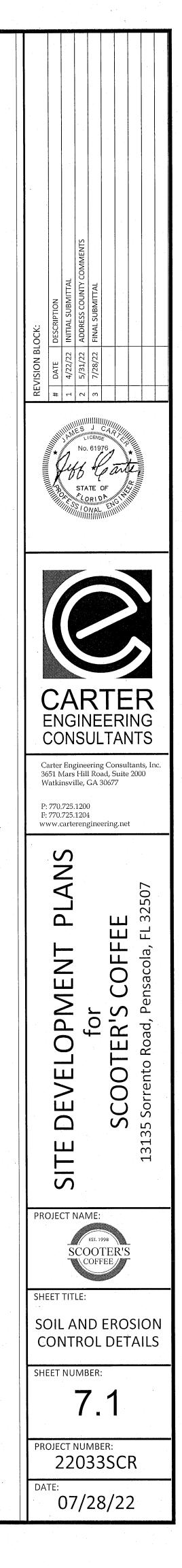
SEPTEMBER 30, 2016

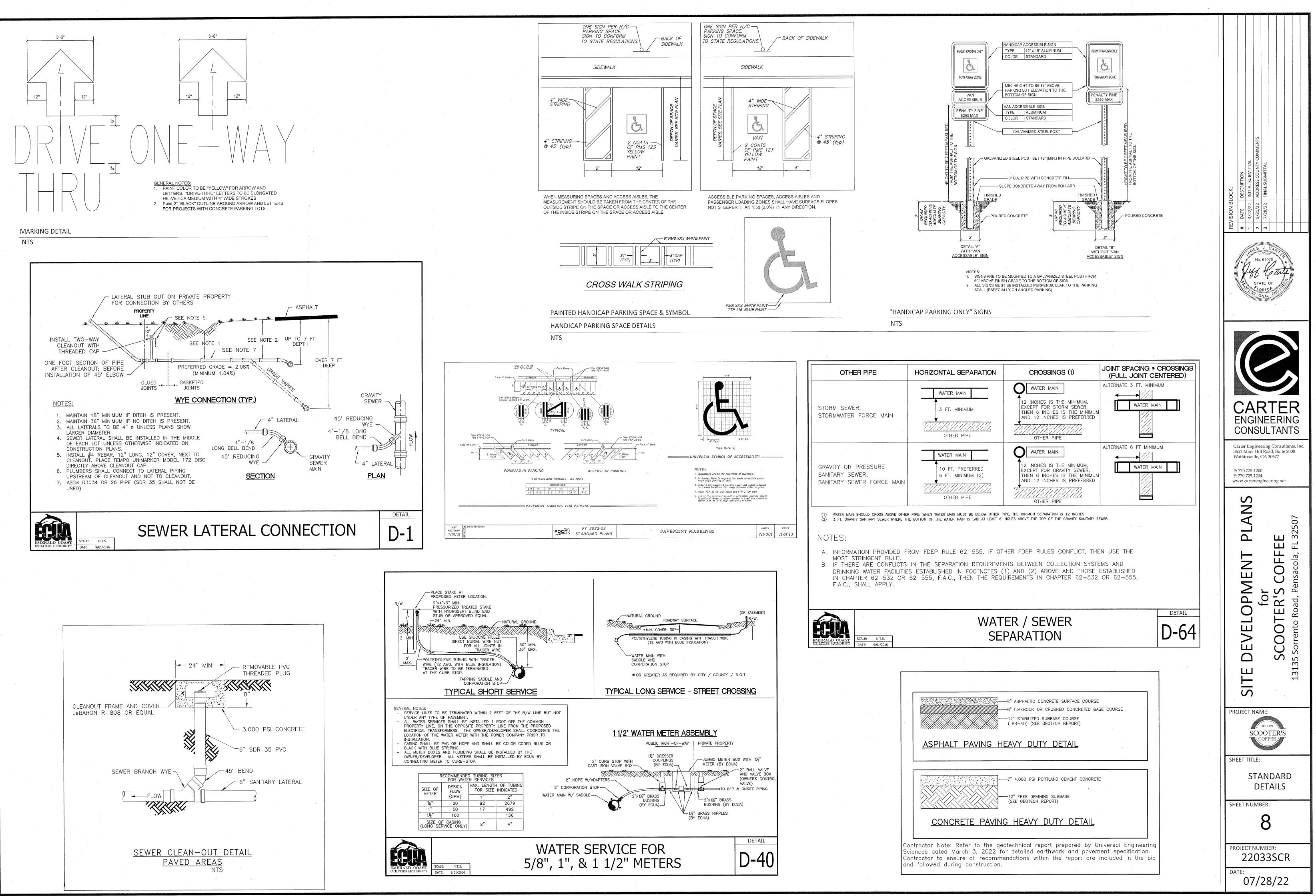
- Inspect vegetation of bottom and side slopes to assure it is healthy, maintaining coverage, and that no erosion is occurring within the retention basin.
- Inspect inflow and outflow structures, trash racks, and other system components for accumulation of debris and trash that would cause clogging and adversely impact operation of the retention basin.
- Inspect the retention basin for potential mosquito breeding areas such as where • standing water occurs after 72 hours or where cattails, other invasive or nuisance vegetation becomes established.

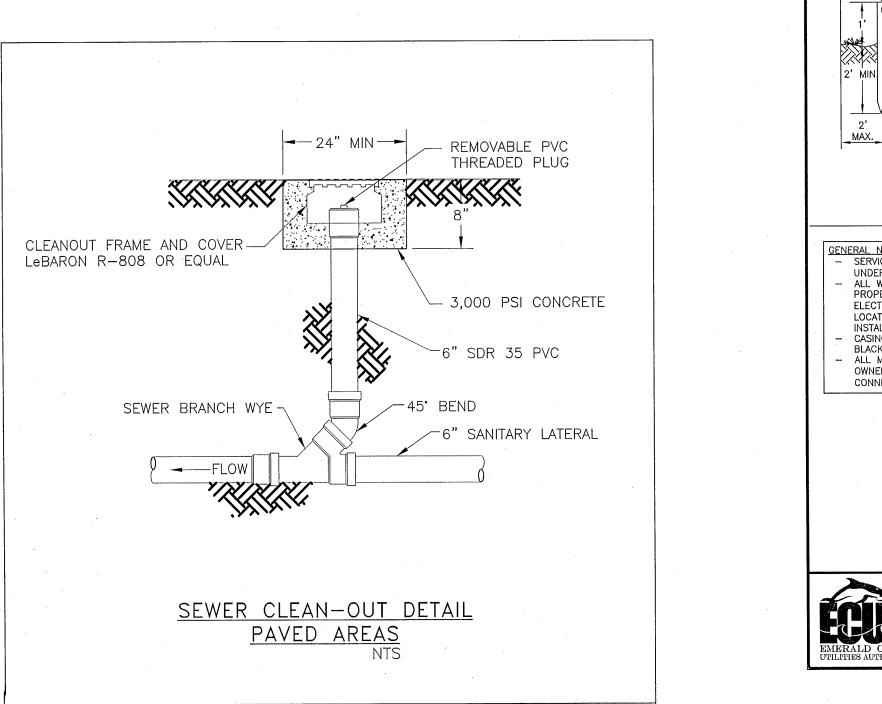
B. Maintenance Activities As-Needed To Prolong Service:

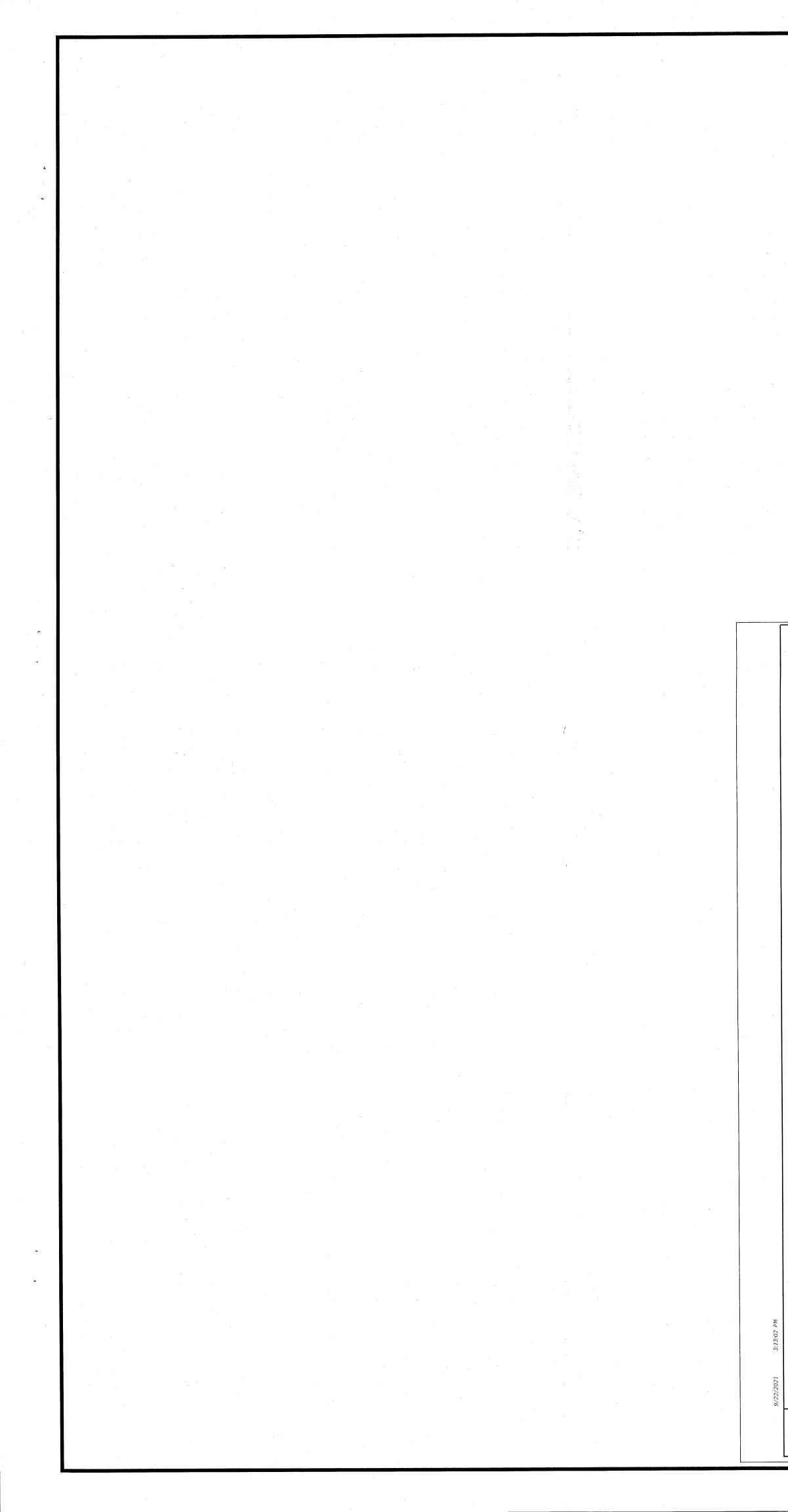
- If needed, restore the infiltration capacity of the retention basin so that it meets the permitted recovery time for the required treatment volume.
- Remove accumulated sediment from retention basin bottom and inflow and outflow pipes and dispose of properly. Please note that stormwater sediment disposal may be regulated under Chapter 62-701, F.A.C. (Sediment removal should be done when the system is dry and when the sediments are cracking.)
- Remove trash and debris from inflow and outflow structures, trash racks, and other system components to prevent clogging or impeding flow.
- Maintain healthy vegetative cover to prevent erosion in the basin bottom, side slopes or around inflow and outflow structures. Vegetation roots also help to maintain soil permeability. Grass needs to be mowed and grass clippings removed from the basin to reduce internal nutrient loadings.
- Eliminate mosquito-breeding habitats.
- Assure that the contributing drainage area is stabilized and not a source of sediments.

ESCAMBIA COUNTY LID BMP MANUAL









-	6" White (10'-30') Buffered Bike	
	Edge Of Pavement Edge Of	Tr
	3" 2" Gap - (Typ.) Gap Unpaved Shoulder Unpaved Shoulder	
	X Y Edge Of Traveled Way	
	FLUSH SHOULDER	
	X = LANE WIDTH (FT.)	
r	Y = BUFFERED BIKE LANE WIDTH (FT.)	
	STRIPING FOR BUFFERED BIKE LANE	ST
2		
	6" White (10'-30') - 6" White	
	6" Yellow Edge Of Traveled Way	
	Gutter Or Unpaved Median Shoulder X -1 X X $Z'' Gap Z'' Gap Z$	
	X = LANE WIDTH (FT.)	
	STRIPING WITH NO SHOULDER OR BIKE LANE	
	LAST Description: REVISION FDOT 11/01/21 FT 2022-23 STANDARD PLANS	I
	Less Than 100' Varies 100' to 150'	
	25'	
х	Arrow should be evenly spaced between first and last arrow. Turn lanes longer than 200' add one arrow for each 100' additional length.	
	ARROW SPACING	
	6" Edgeline (See Note 2)	
	(See Note 2)	
	-12" White (3'-9') ₹ 12"	W
	Through Lane Becomes Exclusive Left Turn	
	6" Edgeline (See Note 2)	
	Through Lane Becomes Optional Left Turn (Drop Lane)	
	TURNS LANE MARKINGS	
	NOTES:	
	 This Index also applies to right turn lanes. Make Edgeline pavement markings yellow for 	
	left-turn lanes and white for right-turn lanes.	
	LAST O DESCRIPTION:	
	LAST OF DESCRIPTION: EVISION 05 101/21 142 FPOT FY 2022-23 STANDARD PLANS	/F

