JAMIE WHITEHOUSE, AICP DIRECTOR OF PLANNING & ZONING (302) 855-7878 T (302) 854-5079 F jamie.whitehouse@sussexcountyde.gov





PLEASE NOTE

This paperless packet is published on the County's website for convenience purposes, and only includes information received up to the close of business on the day before a public hearing. Documents received after this, or documents submitted during the public hearing are not uploaded to the Paperless Packet. The legal record is the paper record maintained in the Offices of the Planning & Zoning Department.







Memorandum

To: Sussex County Planning Commission Members From: Jamie Whitehouse, Director, Department of Planning & Zoning; Jenny Norwood, Planning and Zoning Manager; Lauren DeVore, Planner III; Christin Scott, Planner I; and Elliott Young, Planner I CC: Vince Robertson, Assistant County Attorney Date: October 26th, 2021 RE: Other Business for the November 4, 2021 Planning Commission Meeting

This memo is to provide background for the Planning Commission to consider as a part of the Other Business to be reviewed during the November 4, 2021 Special Meeting of the Planning & Zoning Commission.

(2004-38) Wetherby

Revised Final Subdivision Plan

This is a Revised Final Subdivision Plan for Wetherby, a cluster subdivision consisting of one-hundred and twenty-six (126) single-family lots located on the south side of Harmons Hill Road (Rd. 302). The Planning Commission at their October 13, 2021 meeting deemed the subdivision substantially underway, under the stipulation that site work shall continue on the site in order to maintain this status. The Revised Subdivision Plan submitted on August 2, 2021 reflects a change in the previously approved plans to relocate the proposed entrance to the western end of the site, instead of the eastern end to accord with DelDOT requirements. The Revised Final Subdivision Plan complies with the Sussex County Zoning and Subdivision Codes and all Conditions of Approval. Tax Parcel: 234-16.00-27.00. Zoning: AR-1 (Agricultural Residential Zoning District). Staff are in receipt of all updated agency approvals.

Patriots Glen RPC (Phase 1)

Preliminary Site Plan

This is a Preliminary Site Plan for Patriots Glen RPC consisting of a one-hundred and sixty-one (161) residential unit residential planned community located on the southeast side of John J. Williams Hwy. (Rt. 24). The Planning Commission at their July 16, 2019 meeting approved CZ 1877 for the MR-RPC (Medium Density Residential Zoning District, Residential Planned Community). The applicant has submitted a written request to reduce right-of-way throughout portions of Patriots Glen (Phase 1) and provided an exhibit. The Preliminary Site Plan otherwise complies with the Sussex County Zoning Code. Tax Parcel: 234-29.00-66.00, 66.01, & 66.02. Zoning: MR-RPC (Medium Density Residential Planned Community). Staff are awaiting agency approvals.

2018-01 Acadia Landing

Preliminary Amenities Plan

This is a Preliminary Amenities Plan for the Acadia Subdivision. This plan proposes a 4,000 +/- square foot clubhouse, in-ground pool, tennis court, associated parking, landscaping and other site improvements. The site is located on the south side of Frenchman Bay Drive within Acadia Landing Subdivision. The Preliminary Amenities Plan complies with the Sussex County Zoning Code. Tax Parcel: 234-11.00-60.00. Zoning: AR-1 (Agricultural Residential Zoning District). Staff are in receipt



KS

BM

KS

of all required agency approvals for this proposal, and therefore, both Preliminary and Final approvals may be granted at the will of the Commission.

2018-13 Anchors Run

Preliminary Amenities Plan

This is a Preliminary Amenities Plan for the Anchors Run Subdivision. This plan proposes a 4,100 +/- square foot clubhouse, in-ground pool, central mailbox, associated parking and other site improvements. The site is located on the end of Snug Berth Drive within the Anchors Run Subdivision. The Preliminary Amenities Plan complies with the Sussex County Zoning Code. Tax Parcels: 234-6.00-19.00 & 234-6.00-20.01. Zoning: AR-1 (Agricultural Residential Zoning District). Staff are in receipt of all required agency approvals for this proposal, and therefore, both Preliminary and Final approvals may be granted at the will of the Commission.

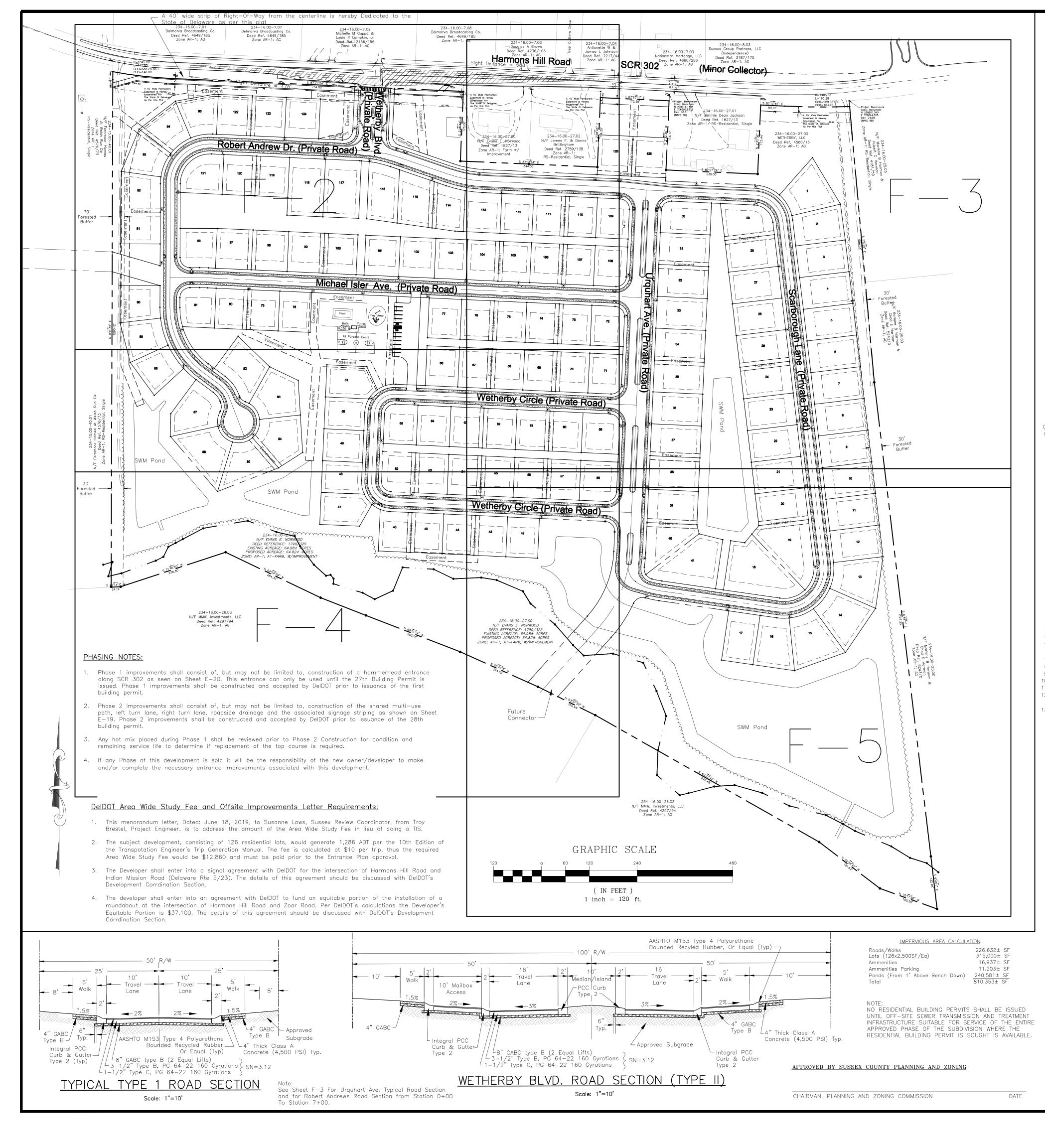
APD 2021-01 – Webb Family Farms, LLC

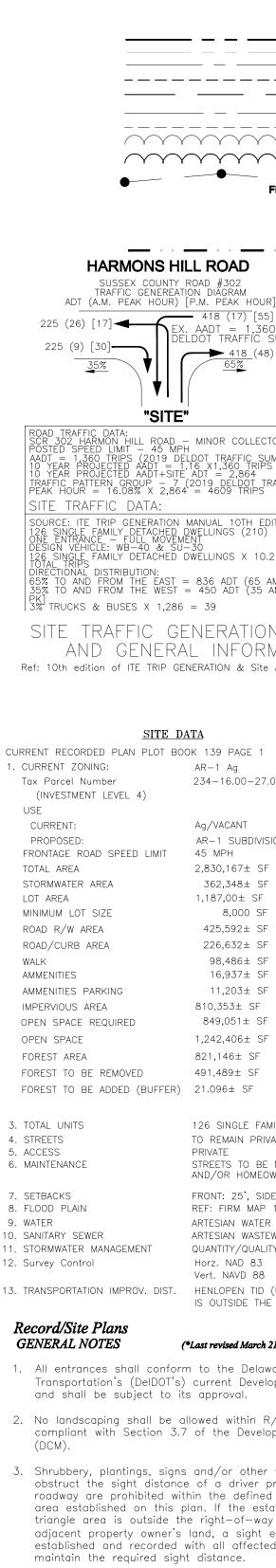
Consideration of Agricultural Preservation District

This is an application to consider an Agricultural Preservation District in an Agricultural Residential Zoning District in Cedar Creek Hundred for one (1) parcel of land totaling 250.51 acres more or less, located along the north and south sides of Beach Highway (Rt. 16) and the south west corner of Beach Highway (Rt. 26) and Truitt Road (S.C.R. 604) for the purpose of a recommendation to the Delaware Agricultural Lands Preservation Foundation. Tax Parcel: 230-25.00-29.00. Zoning: AR-1 (Agricultural Residential Zoning District).

KS

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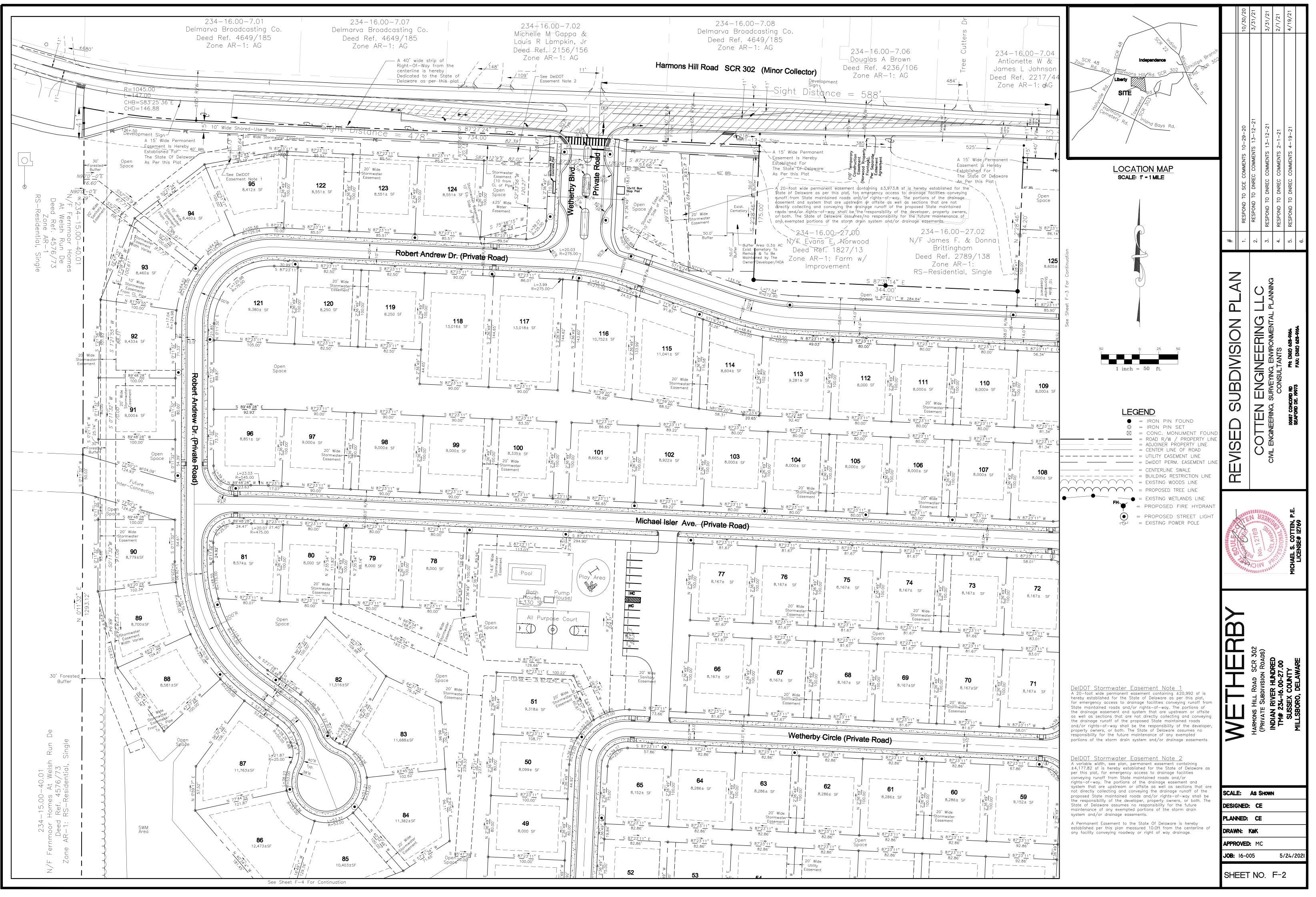


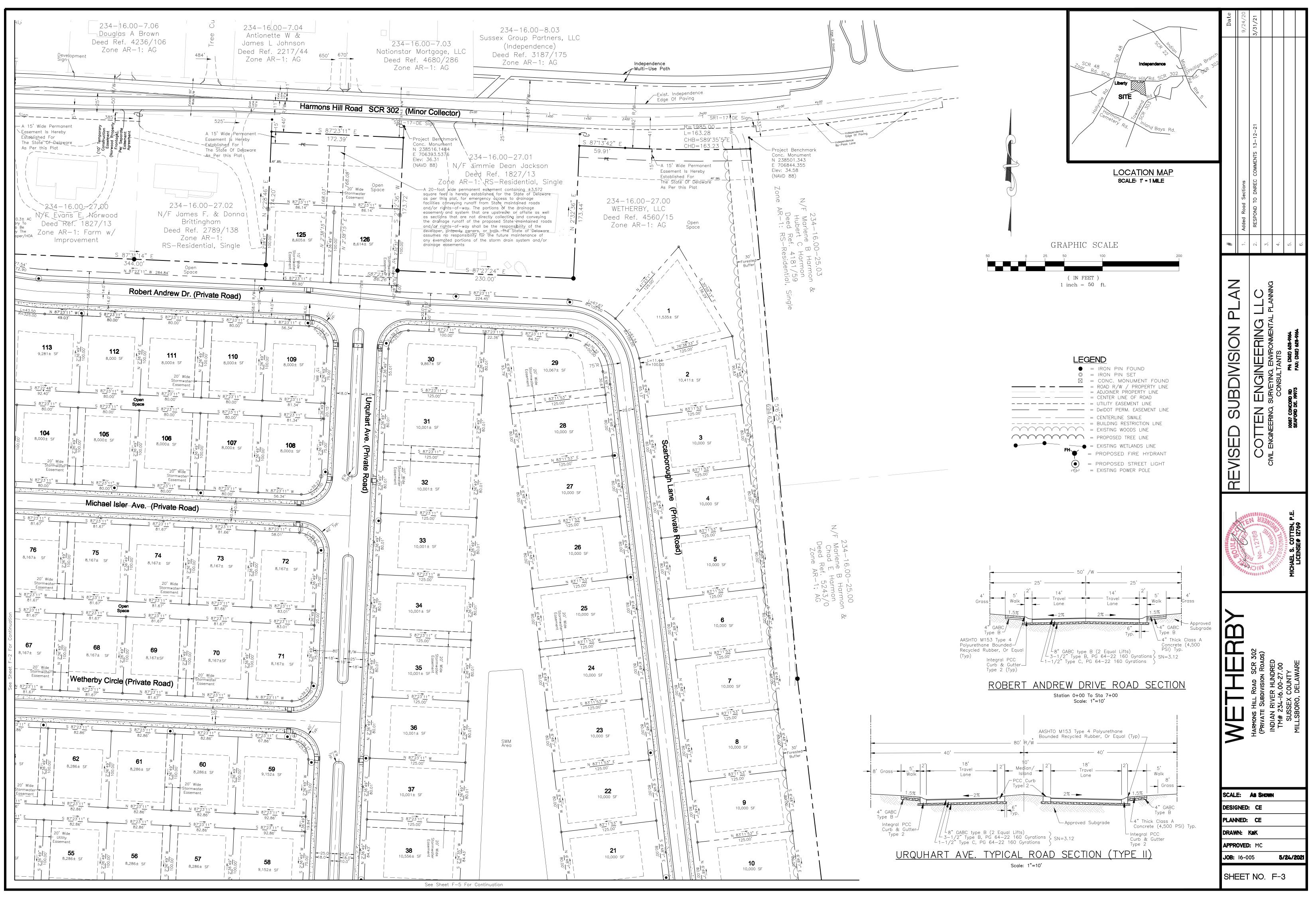
^{4.} Upon completion of the construction of path across this project's frontage and adjacent existing facilities, the developer, both associated with this project, shall b any phtsical connection to adjacent exist the property owners or both associated responsible to remove any existing road along adjacent properties and restore the actions shall be completed at DelDOT's of conformance with DelDOT's Development

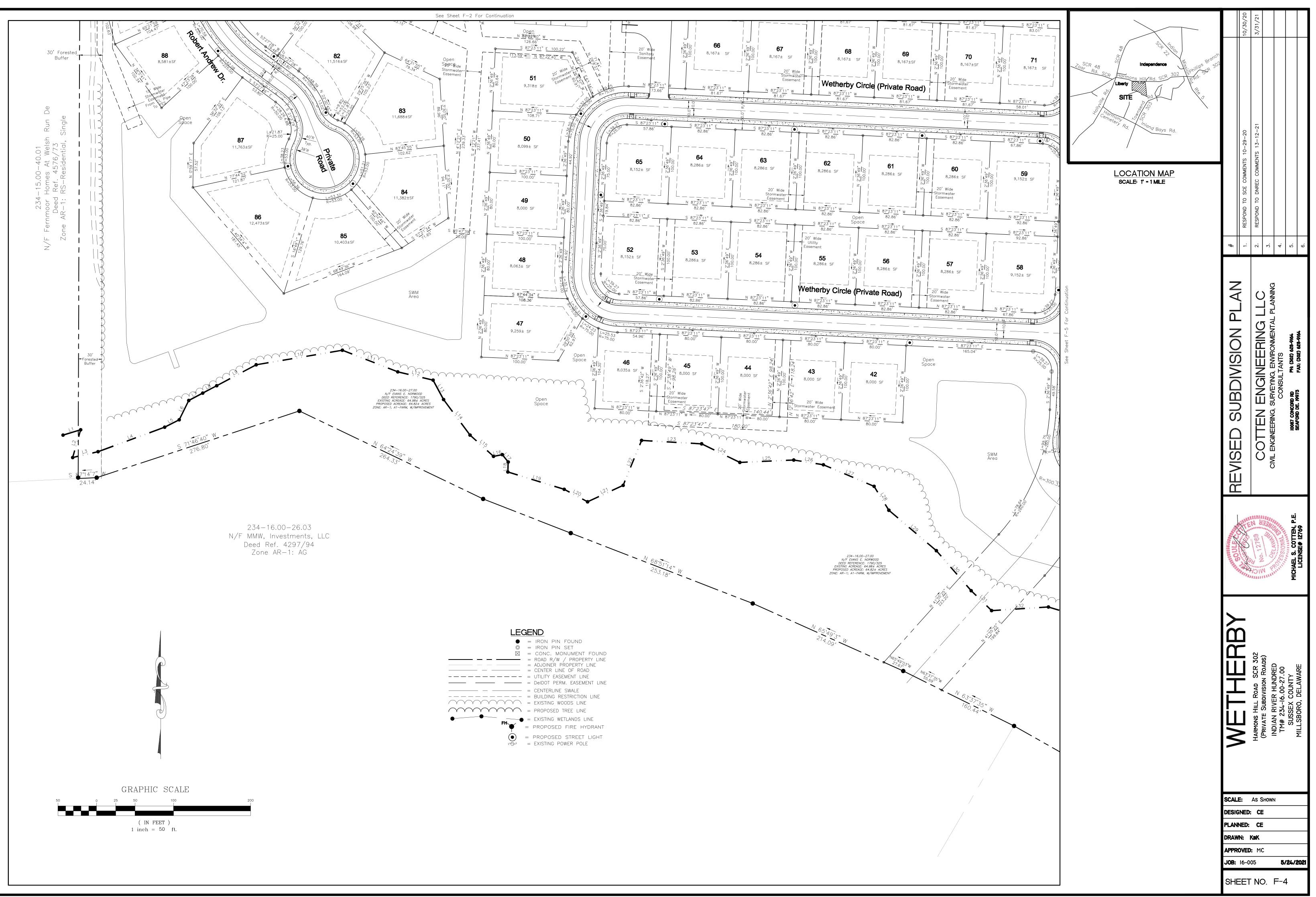
- Private streets constructed within subdivis the Developer, the property owners or bo assumes no responsibilities for the future streets.
- 6. The sidewalk and shared—use path shall Developer, the property owners or both State of Delaware assumes no responsib maintenance of the shared—use path.
- All lots shall have access from the inter
 To minimize rutting and erosion of the parking, driveway and building layouts mu for vehicles to be stored in the driveway without interfering with sidewalk access of
- 9. The Developer shall be required to furnismarkers to provide a permanent reference right-of-way and property corners on log frontage roads. Right-ofway markers shall along the frontage road right-of-way at each change of right-of-way alignment 3.2.4.2 of the Development Coordination

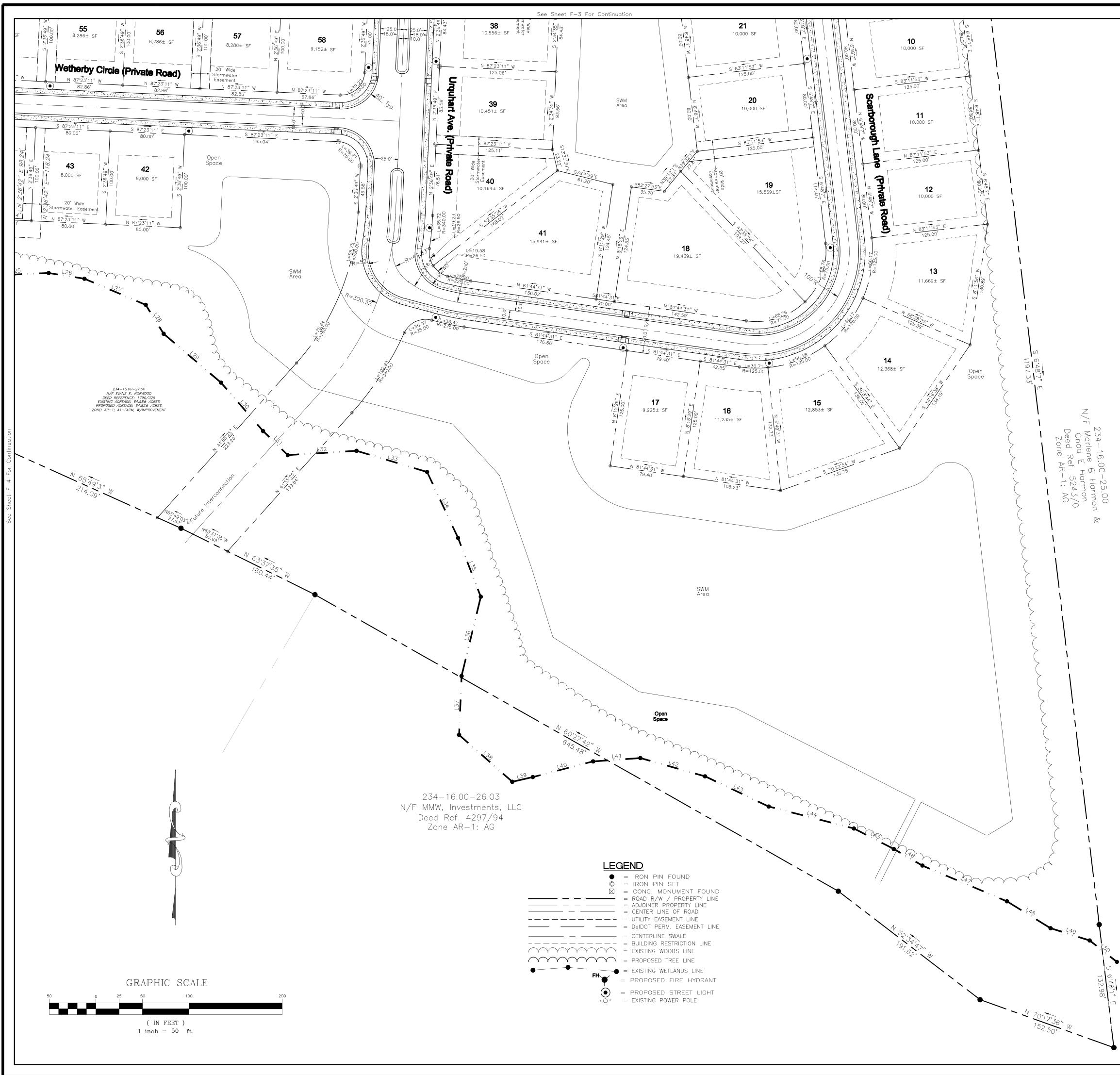
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2016-PROJECTS\16-005 WETHERBv\dwg\16-005FiralSi.ePlar50Scale.dwg, F-1, 5/25/2021 2:51:35 PM, mike,









MORRIS & RITCHIE ASSOCIATES, INC.

ENGINEERS, ARCHITECTS, PLANNERS, SURVEYORS, AND LANDSCAPE ARCHITECTS



October 25, 2021

Sussex County Department of Planning & Zoning 2 The Circle Georgetown, DE 19947

Attention: Mr. Jamie Whitehouse, Director

RE: Patriots Glen (Parcels 234-29.00-66.00, -66.01, -66.02) Reduced Right-of-Way Request

Dear Mr. Whitehouse:

On behalf of our client, Schiff Land Development Co., LLC, we hereby request the use of a reduced right-of-way throughout portions of the Patriots Glen (Phase 1) residential subdivision as shown on the enclosed Exhibit 1. Pursuant to our discussions with you and Mr. Hans Medlarz, Sussex County Engineer, the current right-of-way width is 50 feet and the proposed right-of-way is 28 feet with expanded drainage, utility, and access easements provided on both sides of the road. The total width of right of way plus the drainage, utility, and access easement will be 70 Feet.

The reason for this request is to allow for the open space area behind lots 13-64 and 110-152 to be widened. Doing so will allow for a much better storm water management feature and landscaping. The functionality of the road in the subject area will not be impacted. The road pavement width, curbing, and sidewalk will be designed in accordance with typical DelDOT standards. Furthermore the houses situated on the respective lots will NOT be moved forward as a result of the reduced right-of-way as the front setback line will be maintained at the same distance from centerline of road as the standard 50' right-of-way. Otherwise stated the "look and feel" of the community will not be impacted by the reduced right-of-way. Additionally the maintenance of the roadways and sidewalks will also remain unaffected. Again, the benefit to this effort is making the centrally located open space area wider which allows for a better storm water facility, improved landscaping opportunities and easier maintenance.

A Site Plan showing the configuration of the single-family lots, roadways (including these reduced right-of-way areas), and open space areas has been provided in response to the approval of the RPC and Change of Zone (CZ 1877) on the subject parcels. The proposed configuration of the Patriots Glen (Phase 1) area has been revised to accommodate access to the Patriots Glen - Phase 2 project as shown on the corresponding RPC Plan (CZ 1911) for that project.

 18 Boulden Circle, Suite 36, New Castle, DE 19720
 (302) 326-2200
 Fax: (302) 326-2399
 www.mragta.com

 Abingdon, MD ◆
 Baltimore, MD ◆
 Laurel, MD ◆
 Towson, MD ◆
 Georgetown, DE ◆
 New Castle, DE ◆
 Leesburg, VA ◆

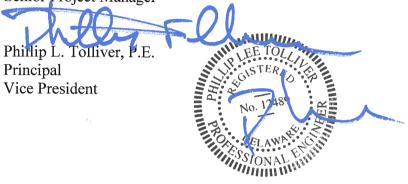
 (410) 515-9000
 (410) 935-5050
 (410) 792-9792
 (410) 821-1690
 (302) 855-5734
 (302) 326-2200
 (703) 994-4047

Re: Patriots Glen October 25, 2021 Page 2 of 2

If you should require additional information regarding this request, please contact me at your convenience at 302-326-2200.

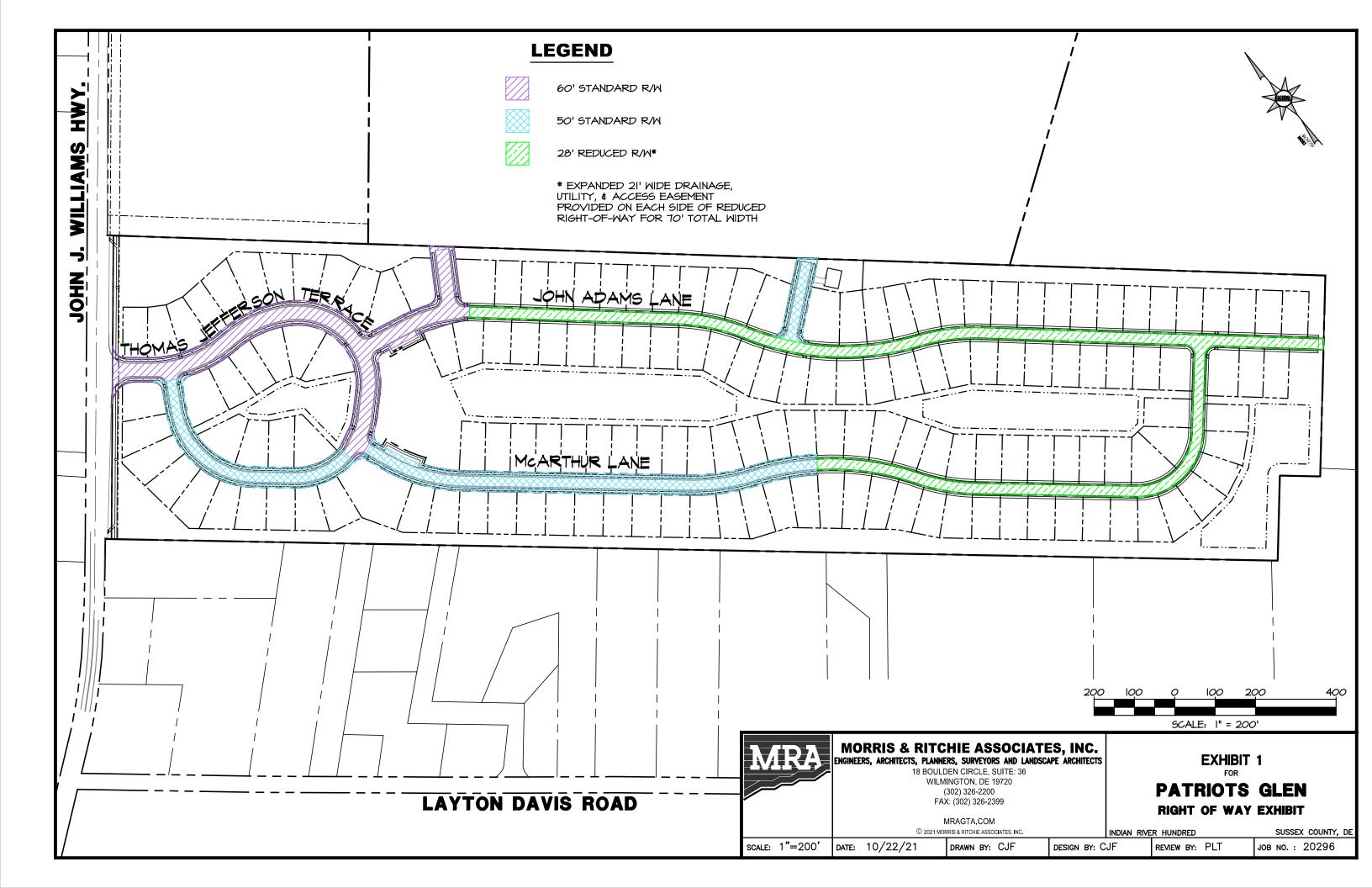
Truly Yours, MORRIS & RITCHIE ASSOCIATES, INC.

Christopher J. Flathers, P.E. Senior Project Manager



Encl. Exhibit 1 – Right-Of-Way Exhibit

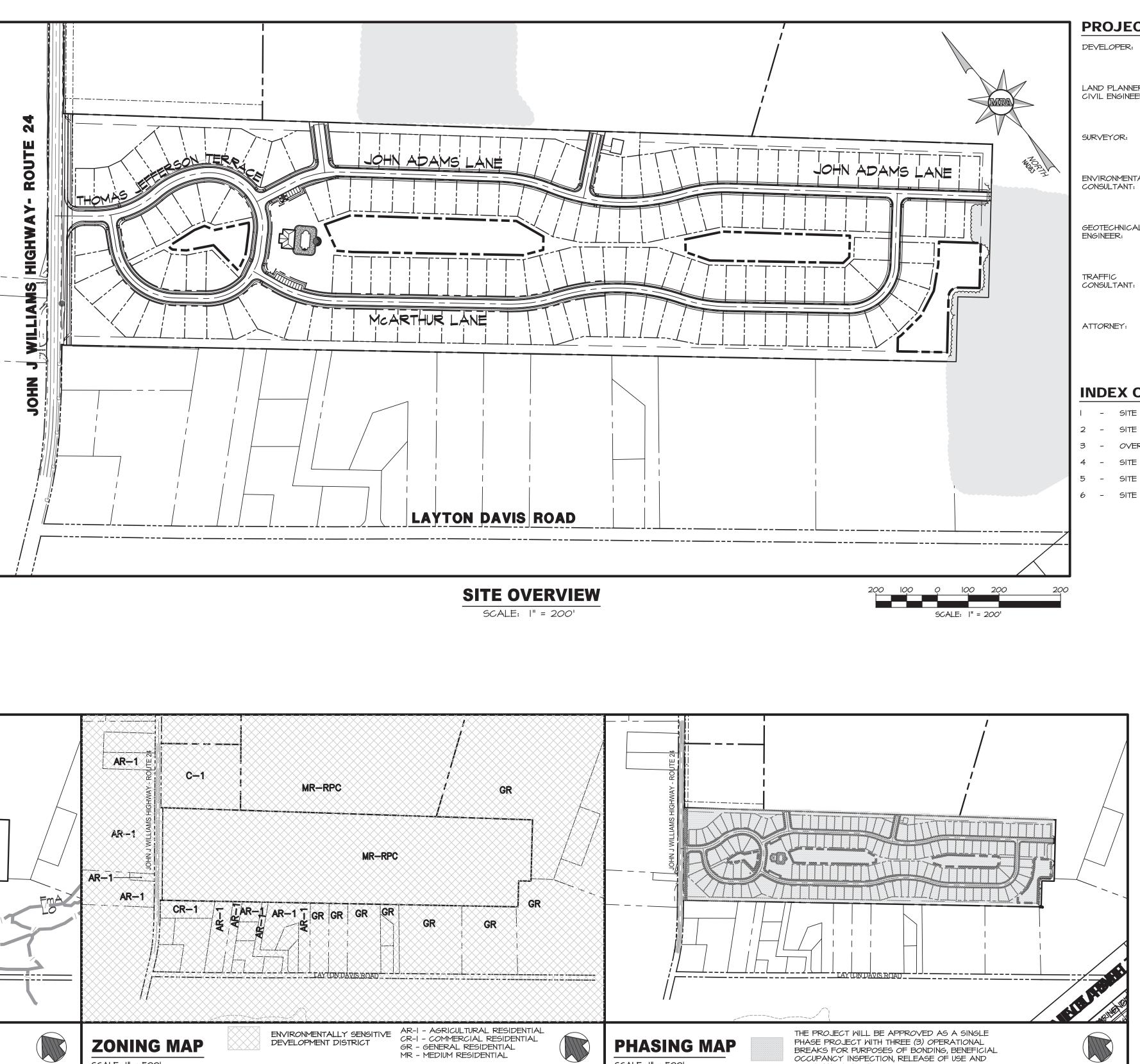
c.c. TJ Schiff, Schiff Land Development Co., LLC P. Tolliver, MRA MRA File 21005

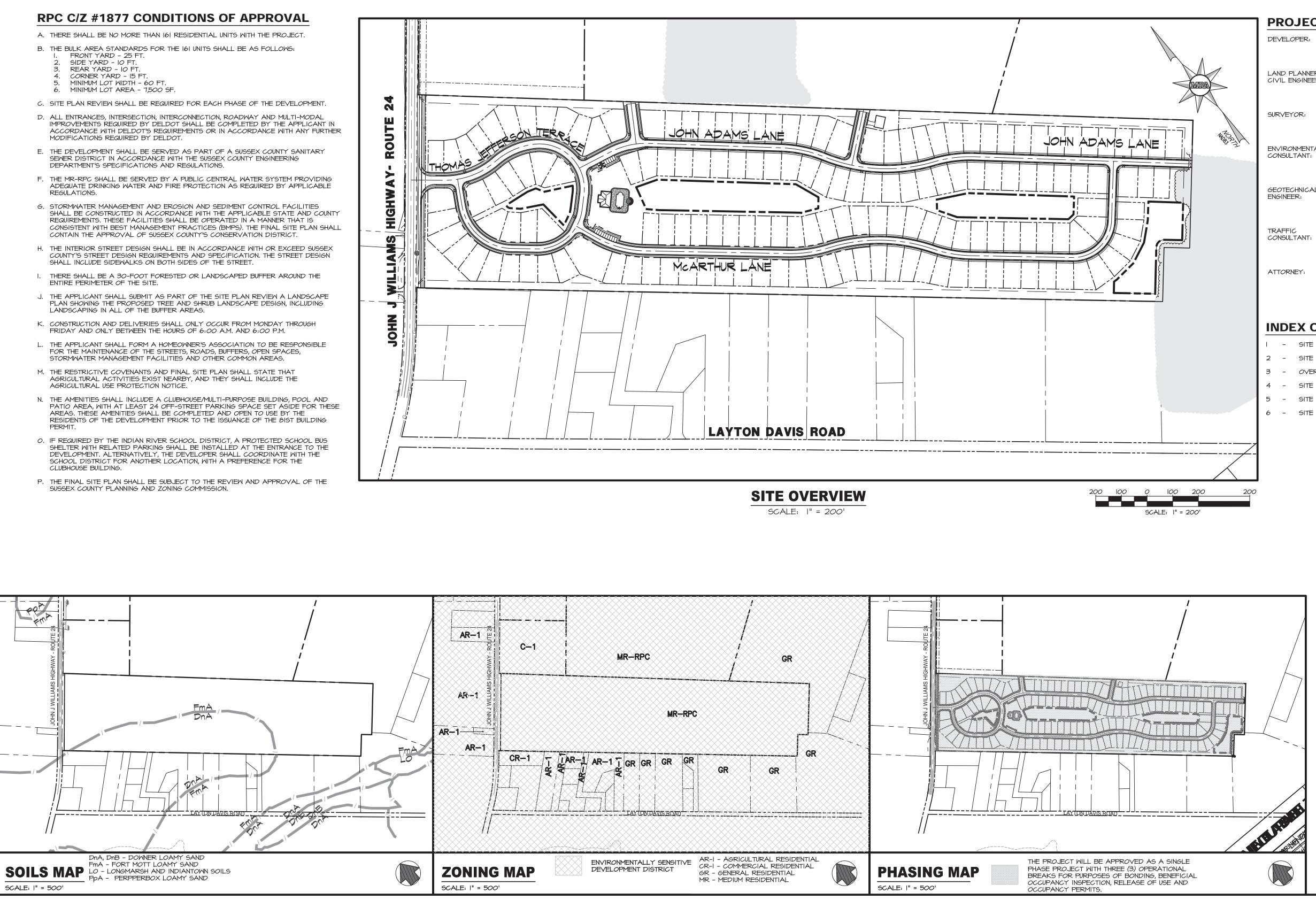


- SIDE YARD 10 FT.

- IMPROVEMENTS REQUIRED BY DELDOT SHALL BE COMPLETED BY THE APPLICANT IN MODIFICATIONS REQUIRED BY DELDOT.
- SEWER DISTRICT IN ACCORDANCE WITH THE SUSSEX COUNTY ENGINEERING DEPARTMENT'S SPECIFICATIONS AND REGULATIONS.
- ADEQUATE DRINKING WATER AND FIRE PROTECTION AS REQUIRED BY APPLICABLE REGULATIONS.
- SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE STATE AND COUNTY REQUIREMENTS. THESE FACILITIES SHALL BE OPERATED IN A MANNER THAT IS

- FOR THE MAINTENANCE OF THE STREETS, ROADS, BUFFERS, OPEN SPACES,
- AREAS. THESE AMENITIES SHALL BE COMPLETED AND OPEN TO USE BY THE RESIDENTS OF THE DEVELOPMENT PRIOR TO THE ISSUANCE OF THE BIST BUILDING
- DEVELOPMENT. ALTERNATIVELY, THE DEVELOPER SHALL COORDINATE WITH THE SCHOOL DISTRICT FOR ANOTHER LOCATION, WITH A PREFERENCE FOR THE



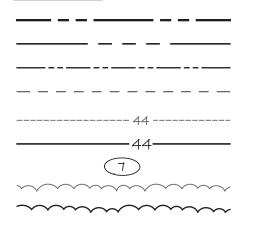


PATRIOTS GLEN

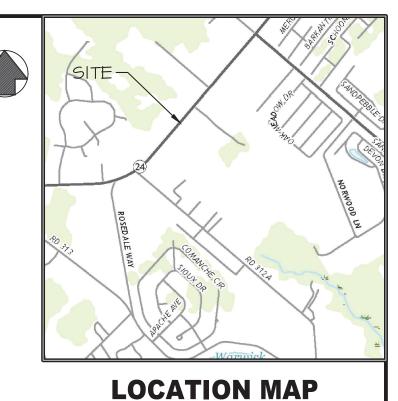
SUSSEX COUNTY, DELAWARE SITE PLAN

SUSSEX COUNTY PLANNING # XXXX

LEGEND



EXISTING PROPERTY LINE PROPOSED R/W LINE PROPOSED LOT LINE PROPOSED BUILDING SETBACK LINE EXISTING CONTOURS PROPOSED CONTOURS PROPOSED LOT NUMBER EXISTING WOODLANDS LINE WOODLAND PRESERVATION LINE



SCALE: |" = 2000'

			SCALE: " = 2000'
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		I, UNDERSIGNED, AS DEVELO	PER OF THE PROPERTY SHOWN, HEREBY
		OTHERWISE NOTED.	r developpient as shown or
OJECT	TEAM	SCHIFF LAND DEVELOPMENT 16054 S. DUPONT HWY.	T CO., LLC DATE
LOPER:	SCHIFF LAND DEVELOPMENT CO., LLC 16054 S. DUPONT HWY. HARRINGTON, DE 19952	HARRINGTON, DE 19952	FICATION
	ATTN: MR. T.J. SCHIFF	I, UNDERSIGNED, AS OWNER	OF THE PROPERTY SHOWN, HEREBY
PLANNERS, ENGINEER:	MORRIS & RITCHIE ASSOCIATES, INC. 18 BOULDEN CIRCLE, SUITE 36 NEW CASTLE, DE 19720 ATTN: MR. PHILLIP L. TOLLIVER, P.E.	OTHERWISE NOTED.	OR DEVELOPMENT AS SHOWN OR
EYOR:	MORRIS & RITCHIE ASSOCIATES, INC. 8 WEST MARKET STREET GEORGETOWN, DE 19947 ATTN: MR. GARY POWERS	TARA DOUGHTY AND MARK S 30756 MT. JOY ROAD MILLSBORO, DE	GAMMONS DATE
CONMENTAL ULTANT:	GEO-TECHNOLOGY ASSOCIATES, INC. 3445 BOX HILL CORPORATE CENTER D ABINGDON, MD 21009 ATTN: MR. ANDY STANSFIELD		
ECHNICAL IEER:	GEO-TECHNOLOGY ASSOCIATES, INC.		
FIC	21133 STERLING AVENUE, SUITE 7 GEORGETOWN, DE 19947 ATTN: MR. GREG SAUTER	REVIEW WITHIN THE BOUNDARIE PRESENCE OR ABSENCE OF PO JURISDICTIONAL WETLANDS FO AND SUBAQUEOUS LAND REGUL WATER ACT. GTA'S REVIEW WA	R THE PURPOSES OF DELAWARE WETLAND ATIONS AND SECTION 404 OF THE CLEAN AS CONDUCTED IN GENERAL ACCORDANCE
ULTANT:	THE TRAFFIC GROUP 9900 FRANKLIN SQUARE DR SUITE H BALTIMORE, MD 21236 ATTN: MR. JOE CALOGGERO, P.E.	ENGINEERS WETLANDS DELINEA SUPPLEMENT TO THE CORPS OF MANUAL: ATLANTIC AND GULF NOVEMBER 2010. HE LIMITS OF	TERIA PROVIDED IN THE 1987 CORPS OF ITION MANUAL AND THE REGIONAL ENGINEERS WETLANDS DELINEATION COSTAL PLAN REGION (VERSION 2.0), DATEL F THE WETLANDS WERE EVALUATED IN THE IG BEST PROFESSIONAL JUDGEMENT. NO
RNEY:	MORRIS JAMES WILSON HALBROOK & E 107 W. MARKET STREET P.O. BOX 690 GEORGETOWN, DE 19947 ATTN: MR. DAVID C. HUTT	BAYARD LLP WETLANDS OR WATERWAYS WE	RE OBSERVED WITHIN THE BOUNDARIES OF ERAL JURISDICTIONAL APPROVAL WAS
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		APPROVED	DATE
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	MR	ENGINEERS, PLANNERS, SURVE 18 BOULDEN O NEW CASTLE, (302) C FAX: (302)	LE ASSOCIATES, INC. EYORS AND LANDSCAPE ARCHITECTS CIRCLE, SUITE 36 DELAWARE 19720 326-2200 2) 326-2399 RAGTA.COM
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	SIONAL EN	10/27/21	
	ENGINEER'S S		SUSSEX COUNTY, DELAWARE
	DATE REV	SIONS	JOB NO.: 20296 SCALE: AS NOTED
			DATE: 10/21/2021

	ATTN: MR. PHILLIP L. TOLLIVER, P.E.
SURVEYOR:	MORRIS & RITCHIE ASSOCIATES, INC. 8 WEST MARKET STREET GEORGETOWN, DE 19947 ATTN: MR. GARY POWERS
ENVIRONMENTAL CONSULTANT:	GEO-TECHNOLOGY ASSOCIATES, INC. 3445 BOX HILL CORPORATE CENTER DRIVE, SUITE ABINGDON, MD 21009 ATTN: MR. ANDY STANSFIELD
GEOTECHNICAL ENGINEER:	GEO-TECHNOLOGY ASSOCIATES, INC. 21133 STERLING AVENUE, SUITE 7 GEORGETOWN, DE 19947 ATTN: MR. GREG SAUTER
TRAFFIC CONSULTANT:	THE TRAFFIC GROUP 9900 FRANKLIN SQUARE DR SUITE H BALTIMORE, MD 21236 ATTN: MR. JOE CALOGGERO, P.E.
ATTORNEY:	MORRIS JAMES WILSON HALBROOK & BAYARD LL 107 W. MARKET STREET P.O. BOX 690 GEORGETOWN, DE 19947 ATTN: MR. DAVID C. HUTT

	(302) 326-2200 FAX: (302) 326-2399	
	WWW.MRAGTA.COM	
LEE TOL JISTER CARE LAWA PERSON VAL ENGLINE 10/27/21	SITE PLAN TITLE SHEET FOR PATRIOTS G	
EER'S SEAL	INDIAN RIVER HUNDRED	SUSSEX COUNTY, DELAWARE
		SUSSEX COUNTY, DELAWARE
REVISIONS		JOB NO.: 20296
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		JOB NO.: 20296 SCALE: AS NOTED
		JOB NO.: 20296 SCALE: AS NOTED DATE: 10/21/2021
		JOB NO.: 20296 SCALE: AS NOTED DATE: 10/21/2021 DRAWN BY: RDG

CONSTRUCTION NOTES

- CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT (1-800-282-8555) AT LEAST (3) WORKING DAYS PRIOR TO EXCAVATION, TO HAVE EXISTING UNDERGROUND UTILITIES LOCATED AND MARKED
- 2. ALL MATERIALS & WORKMANSHIP SHALL MEET THE STATE OF DELAWARE STANDARDS & SPECIFICATIONS.
- 3. ALL MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, AND PROJECT SPECIFICATIONS.
- 4. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING TWO WEEKS PRIOR TO THE START OF CONSTRUCTION AND SHALL APPRISE AND COORDINATE DURING ALL PHASES OF CONSTRUCTION:
 - A. SCHIFF LAND DEVELOPMENT CO., LLC SUSSEX COUNTY ENGINEERING DEPARTMENT
 - TIDEWATER UTILITIES SUSSEX CONSERVATION DISTRICT
 - SHARP ENERGY

DNREC

- VERIZON DELAWARE COOPERATIVE
- 302-855-7718 302-945-8880 302-856-2105 302-734-6799 302-422-1464 302-349-5891 302-856-5488

302-398-8014

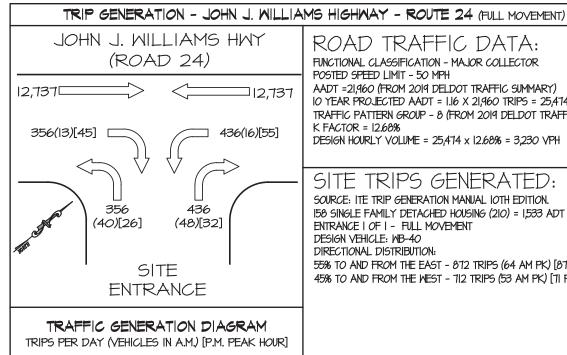
- 5. CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL RIGHT-OF-WAY LINES AND PROPERTY LINES TO HIS OWN SATISFACTION. ALL PROPOSED UTILITIES ARE TO BE CONSTRUCTED WITHIN THE ROADWAY OR EASEMENT RIGHT-OF-WAY. DISTURBED AREAS BEYOND THE EASEMENT LINES SHALL BE RESTORED IMMEDIATELY TO THEIR ORIGINAL CONDITION.
- 6. INFORMATION SHOWN HEREON IS BASED UPON GIS DATA OBTAINED THROUGH THE STATE OF DELAWARE GIS WEBSITE (FIRSTMAP-DELAWARE.OPENDATA.ARCGIS.COM) AND DOES NOT REPRESENT FIELD RUN TOPOGRAPHIC OR BOUNDARY SURVEY. SITE LAYOUT IS SUBJECT TO REVISION PENDING FIELD SURVEY.
- 7. EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE BASED UPON THE BEST AVAILABLE INFORMATION AND ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. NO GUARANTEE IS MADE OR IMPLIED REGARDING THE ACCURACY OR COMPLETENESS THEREOF. CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF DEPTH, SIZE AND MATERIAL OF ALL UNDERGROUND UTILITIES TO HIS OWN SATISFACTION BEFORE BEGINNING ANY EXCAVATION OR UTILITY INSTALLATION. THE OWNER AND ENGINEER DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF SAID INFORMATION. IF THE CONTRACTOR RELIES ON SAID INFORMATION, HE DOES SO AT HIS OWN RISK. THE GIVING OF THE INFORMATION ON THE PLANS WILL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATIONS TO SUPPORT AND PROTECT ALL SHOWN OR NOT SHOWN EXISTING UTILITIES AND APPURTENANCES, SHOULD ANY EXISTING UTILITIES BE DAMAGED BY THE CONTRACTOR, THE CONTRACTOR SHALL REPAIR THE DAMAGE CAUSED TO THE UTILITY OWNER'S SATISFACTION, AT THE CONTRACTOR'S EXPENSE
- 8. DRAWINGS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE PERFORMED IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AS AMENDED AND ALL RULES AND REGULATIONS THERETO APPURTENANT.
- 9. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF TRAFFIC IN ALL WORK AREAS.
- IO. ROUGH GRADING SHALL BE COMPLETE PRIOR TO THE CONSTRUCTION OF WATER & SEWER SYSTEMS.
- II. USE ONLY SUITABLE AND APPROVED GRANULAR MATERIAL IN ACCORDANCE WITH SECTION 209 OF THE DELAWARE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS STANDARD SPECIFICATIONS AND REFERENCED BY SUSSEX COUNTY ORDINANCE 38 SECTION 5-05 EXCAVATION AND BACKFILL FOR PIPE TRENCHES SUBSECTION B MATERIALS
- 12. CONTRACTOR SHALL ADJUST TO FINISH GRADE AS NECESSARY ANY VALVE BOXES, MANHOLES, CATCH BASING ETC., PRIOR TO PLACING PAVING.
- 13. CONTRACTOR SHALL PROVIDE STAKEOUT NECESSARY FOR THE INSTALLATION OF UTILITIES. STORMDRAINS, PAVING AND ALL OTHER SITE WORK INCLUDED IN THESE PLANS. ALL STAKEOUT WORK IS TO BE PERFORMED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF DELAWARE.
- 14. CONTRACTOR TO MAINTAIN MINIMUM OF 3.0 FEET OF COVER OVER ALL NEW WATER LINES AS MEASURED FROM TOP OF PIPE TO FINISHED GRADE, UNLESS OTHERWISE NOTED.
- 15. SEWER LINES SHALL HAVE MINIMUM VERTICAL CLEARANCE OF 18 INCHES FROM WATER MAINS AT CROSSINGS. MAINTAIN A 10 FOOT MINIMUM PLAN SEPARATION BETWEEN SEWER AND WATER MAINS. SEWER LINES SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 12 INCHES FROM OTHER UTILITIES. IF THESE CLEARANCES CANNOT BE MAINTAINED, THEN PROVISIONS FOR PROPERLY ENCASING THE PIPE IN CONCRETE MUST BE PROVIDED.
- 16. LATERALS SHALL BE 6 INCHES IN DIAMETER, WITH VERTICAL CLEANOUTS OF 6 INCHES IN DIAMETER. AND TO HAVE A MINIMUM OF 3' OF COVER FROM SUSSEX COUNTY CLEANOUT TO MAIN LINE.
- 17. ALL GRAVITY SEWER PIPES SHALL BE PVC SDR 35. FOR PIPE SLOPES SEE FINAL CONSTRUCTION DRAWINGS FOR SANITARY SEWER PROFILES.
- 18. MATERIAL OF CONSTRUCTION FOR SEWER FORCE MAINS SHALL BE AS NOTED ON THE FINAL CONSTRUCTION DRAWINGS. FORCE MAIN SHALL BE INSTALLED AS PROFILED TO PREVENT FORMATION OF UNANTICIPATED HIGH POINTS IN THE INSTALLATION.
- 19. ALL SEWER LINES MUST BE SUCCESSFULLY TESTED ACCORDING TO SUSSEX COUNTY ORDINANCE 38, SECTION 5.09, E, I-4, ON PAGE 515 THROUGH 518, ACCEPTANCE TESTING, PRIOR TO FINAL ACCEPTANCE.
- 20. ALL SANITARY SEWER SYSTEM CONSTRUCTION PERFORMED SHALL BE IN ACCORDANCE WITH SUSSEX COUNTY ORDINANCE 38, THESE PLANS AND ALL APPLICABLE CONSTRUCTION PERMITS.
- 21. ALL DROP MANHOLES TO BE 5'-O" IN DIAMETER.
- 22. FITTINGS SHOWN ON THE PLANS ILLUSTRATE ANTICIPATED ANGLE OF DEFLECTION. THIS INFORMATION IS SHOWN FOR GENERAL INFORMATION AND IS NOT GUARANTEED. ACTUAL ANGLE MAY VARY DUE TO FIELD CONDITIONS. USE OF ADDITIONAL FITTINGS SHALL BE AUTHORIZED BY THE ENGINEER.
- 23. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY DEVIATION FROM THESE PLANS UNLESS WRITTEN APPROVAL HAS BEEN PROVIDED BY THE ENGINEER.
- 24. ALL DISTURBED AREAS IN THE STATED RIGHT OF WAY, BUT NOT IN THE PAVEMENT SECTION MUST BE TOPSOILED (6" MINIMUM), FERTILIZED, MULCHED, AND SEEDED.
- 25. ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE PLACED IN ACCORDANCE WITH THE M.U.T.C.D. MANUAL, MOST CURRENT EDITION.
- 26. ALL PROPOSED STORM DRAIN DESIGNATED AS "RCCP" IS TO BE REINFORCED CONCRETE CIRCULAR PIPE, MEETING AASHTO M-170 SPECIFICATIONS. SEE FINAL CONSTRUCTION PLAN # PROFILES FOR SPECIFIC PIPE CLASS.
- 27. ALL LENGTHS OF SANITARY SEWER PIPE ARE MEASURED HORIZONTALLY FROM CENTER LINES OF INLETS, MANHOLES OR FITTINGS. ALL LENGTHS OF STORM DRAIN PIPE ARE MEASURED HORIZONTALLY FROM EDGE OF STRUCTURE TO EDGE OF STRUCTURE. ACTUAL TRUE LENGTHS OF PIPES ARE TO BE DETERMINED IN THE FIELD.
- 28. WHERE SPECIFIED, HDPE STORM DRAIN PIPE SHALL BE ADS N-12 (SMOOTH INTERIOR) PIPE WITH ADS PRO-LINK WT (BELL/BELL COUPLER) FOR WATER TIGHT CONNECTIONS. REFER TO PLAN AND PROFILES FOR MATERIALS USED.
- 29. ALL EMBEDMENT MATERIALS USED FOR BEDDING, HAUNCHING, AND INITIAL BACKFILL FOR HDPE PIPE SHALL CONFIRM TO AASHTO SECTION 30 AND ASTM D-2321 AS PER MANUFACTURER INSTALLATION REQUIREMENTS. CONTRACTOR SHALL ENSURE THAT PROPER LINE AND GRADE IS ESTABLISHED WITHIN TRENCH BEDDING PRIOR TO PLACEMENT OF PIPE AND THAT PROPER MATERIALS ARE USED AND COMPACTION IS ACHIEVED DURING HAUNCHING AND INITIAL BACKFILL. A GEOTECHNICAL ENGINEER SHALL BE RETAINED TO VERIFY SUITABILITY OF MATERIALS USED AND PROPER COMPACTION. ANY DEVIATION IN LINE AND GRADE OR OBVIOUS JOINT SEPARATION SHALL BE CORRECTED PRIOR TO ESTABLISHMENT OF FINAL SUBGRADE AND PAVEMENT SURFACE. THE CONTRACTOR SHALL TAKE EVERY CARE TO ENSURE CORRECT PIPE INSTALLATION.
- 30. UNLESS OTHERWISE SPECIFIED ALL ROADWAY INLETS SHALL HAVE A TYPE I INLET GRATE AND TYPE S TOP UNIT PER DELDOT STANDARDS, CURRENT REVISION.
- 31. IT IS THE CONTRACTORS RESPONSIBILITY TO INSURE THAT PAVING IS INSTALLED TO THE ELEVATIONS SHOWN AND THAT NO PONDING OF WATER EXISTS AFTER PAVING IS COMPLETE.

SUSSEX COUNTY CONSTRUCTION NOTES:

- I. ROADWAY STAKEOUTS:
- A. RIGHT-OF-WAY STAKES SHALL BE OFFSET A MINIMUM OF FIVE (5) FEET OUTSIDE THE RIGHT-OF-WAY
- B. STATION NUMBERS TO BE INDICATED ON EACH SIDE OF THE STAKE. C. THE CENTERLINE ROADWAY CUT AND CUT-LINE SHALL BE LOCATED ON THE SIDE OF THE STAKE WHICH FACES THE CENTERLINE, ALSO A "CL" DESIGNATION SHALL BE INCLUDED.
- D. THE SWALE CUT AND CUT-LINE SHALL BE INDICATED ON THE OUTSIDE OF THE STAKE, WHILE ALSO CONTAINING A "SW" DESIGNATION.
- 2. THE CONTRACTOR SHALL PROVIDE TWO (2) WORKING DAYS NOTICE TO THE COUNTY INSPECTOR PRIOR TO PAVING. AT THIS TIME, THE INSPECTOR MAY REQUIRE THE CONTRACTOR COMPLETE RELATED OR UNRELATED WORK ITEMS BEFORE PAVING MAY
- 3. SURFACE TREATMENT SHALL NOT BE APPLIED: (SURFACE TREATMENT NOT USED)
- A. AFTER NOVEMBER I OR PRIOR TO APRIL I; OR
- B. WHEN THE TEMPERATURE IS BELOW 50° F; OR
- C. ON ANY WET OR FROZEN SURFACE
- 4. HOT MIX SHALL NOT BE APPLIED:
- A. WHEN THE TEMPERATURE IS BELOW 40° F; OR B. ON ANY WET OR FROZEN SURFACE.
- 5. FOR ALL WOODED AREAS, A SUFFICIENT AREA BEYOND THE RIGHT-OF-WAY SHALL BE CLEARED AND GRUBBED TO ALLOW PROPER GRADING OF THE ROADWAY SWALE BACKSLOPES
- 6. ALL DISTURBED AREAS MUST BE STABILIZED WITH 4 INCHES OF TOPSOIL, SEED, AND MULCH.

DELDOT RECORD PLAN NOTES:

- I. NO LANDSCAPING SHALL BE ALLOWED WITHIN DELDOT MAINTAINED R/W UNLESS THE PLANS ARE COMPLIANT WITH SECTION 3.7 OF THE DEVELOPMENT COORDINATION MANUAL (DCM)
- 2. ALL ENTRANCES SHALL CONFORM TO THE DELAWARE DEPARTMENT OF TRANSPORTATION'S (DELDOT'S) CURRENT DEVELOPMENT COORDINATION MANUAL (DCM) AND SHALL BE SUBJECT TO ITS APPROVAL.
- SHRUBBERY, PLANTINGS, SIGNS AND/OR OTHER VISUAL BARRIERS THAT COULD OBSTRUCT THE SIGHT DISTANCE OF A DRIVER PREPARING TO ENTER THE ROADWAY ARE PROHIBITED WITHIN THE DEFINED DEPARTURE SIGHT TRIANGLE AREA ESTABLISHED ON THIS PLAN. IF THE ESTABLISHED DEPARTURE SIGHT TRIANGLE AREA IS OUTSIDE THE RIGHT-OF-WAY OR PROJECTS ONTO AN ADJACENT PROPERTY OWNER'S LAND, A SIGHT EASEMENT SHOULD BE ESTABLISHED AND RECORDED WITH ALL AFFECTED PROPERTY OWNERS TO MAINTAIN THE REQUIRED SIGHT DISTANCE.
- 4. UPON COMPLETION OF THE CONSTRUCTION OF THE SIDEWALK OR SHARED-USE PATH ACROSS THIS PROJECT'S FRONTAGE AND PHYSICAL CONNECTION TO ADJACENT EXISTING FACILITIES, THE DEVELOPER, THE PROPERTY OWNERS OR BOTH ASSOCIATED WITH THIS PROJECT, SHALL BE RESPONSIBLE TO REMOVE ANY EXISTING ROAD TIE-IN CONNECTIONS LOCATED ALONG ADJACENT PROPERTIES, AND RESTORE THE AREA TO GRASS. SUCH ACTIONS SHALL BE COMPLETED AT DELDOT'S DISCRETION, AND IN CONFORMANCE WITH DELDOT'S SHARED-USE PATH AND/OR SIDEWALK TERMINATION POLICY.
- 5. SUBDIVISION STREETS CONSTRUCTED WITHIN THE LIMITS OF THE RIGHT-OF-WAY ARE PRIVATE AS SHOWN ON THIS PLAN AND ARE TO BE MAINTAINED BY THE DEVELOPER, HOWEOWNERS ASSOCIATION, OR BOTH. THE STATE OF DELAWARE ASSUMES NO MAINTENANCE RESPONSIBILITIES FOR THE FUTURE MAINTENANCE OF THESE STREETS
- THE SIDEWALK AND SHARED-USE PATH SHALL BE THE RESPONSIBILITY OF THE DEVELOPER, THE PROPERTY OWNERS OR BOTH WITHIN THIS SUBDIVISION. THE STATE OF DELAWARE ASSUMES NO RESPONSIBILITY FOR THE FUTURE MAINTENANCE OF THE SIDEWALK AND/OR SHARED-USE PATH.
- 7. ALL LOTS SHALL HAVE ACCESS ONLY FROM THE INTERNAL SUBDIVISION STREETS. 8. DRIVEWAYS WILL NOT BE PERMITTED TO BE PLACED AT CATCH BASIN LOCATIONS
- 9. THE DEVELOPER SHALL BE REQUIRED TO FURNISH AND PLACE RIGHT-OF-WAY MONUMENTS IN ACCORDANCE WITH DELDOT'S DEVELOPMENT COORDINATION MANUAL.
- 10. THE DEVELOPER SHALL BE REQUIRED TO FURNISH AND PLACE RIGHT-OF-WAY MARKERS TO PROVIDE A PERMANENT REFERENCE FOR RE-ESTABLISHING THE RIGHT-OF-WAY AND PROPERTY CORNERS ON LOCAL AND HIGHER ORDER FRONTAGE ROADS. RIGHT-OF-WAY MARKERS SHALL BE SET AND/OR PLACED ALONG THE FRONTAGE ROAD RIGHT-OF-WAY AT PROPERTY CORNERS AND AT EACH CHANGE IN RIGHT-OF-WAY ALIGNMENT IN ACCORDANCE WITH SECTION 3.2.4.2 OF THE DEVELOPMENT COORDINATION MANUAL



PROJECT PHASING

PHASE | -4 YEARS TOTAL PROJECT BUILDOUT - 4 YEARS ESTIMATED PROJECT COMPLETION DATE - JANUARY 2026

THE PROJECT IS BE APPROVED AS A SINGLE PHASE PROJECT, WITH THREE (3) OPERATIONAL BREAKS FOR PURPOSES OF BONDING, BENEFICIAL OCCUPANCY INSPECTION, RELEASE OF USE AND OCCUPANCY PERMITS

ROAD TRAFFIC DATA:

FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR POSTED SPEED LIMIT - 50 MPH AADT =21,960 (FROM 2019 DELDOT TRAFFIC SUMMARY) IO YEAR PROJECTED AADT = 1.16 X 21,960 TRIPS = 25,474 TRIPS TRAFFIC PATTERN GROUP - 8 (FROM 2019 DELDOT TRAFFIC SUMMARY) K FACTOR = 12.68% DESIGN HOURLY VOLUME = 25,474 x 12.68% = 3,230 VPH

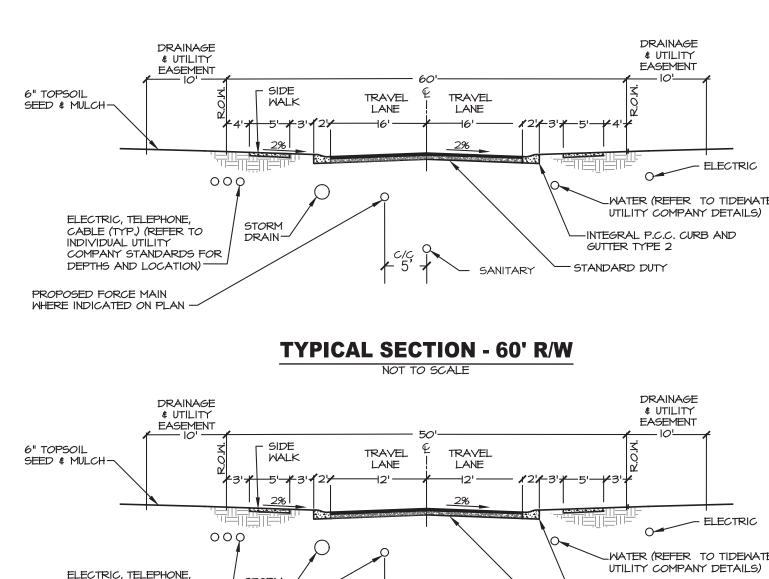
SITE TRIPS GENERATED: SOURCE: ITE TRIP GENERATION MANUAL IOTH EDITION. 158 SINGLE FAMILY DETACHED HOUSING (210) = 1,533 ADT ENTRANCE | OF | - FULL MOVEMENT

DESIGN VEHICLE: WB-40 DIRECTIONAL DISTRIBUTION:

55% TO AND FROM THE EAST - 872 TRIPS (64 AM PK) [87 PM PK] 45% TO AND FROM THE WEST - 712 TRIPS (53 AM PK) [71 PM PK]

GENERAL NOTES:

- I. SUBDIVISION STREETS ARE TO REMAIN PRIVATE AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH SUSSEX COUNTY REGULATIONS.
- 2. MAINTENANCE OF THE STREET WITHIN THIS SUBDIVISION WILL BE THE RESPONSIBILITY OF THE OWNER/DEVELOPER AND OR HOME OWNER'S ASSOCIATION. THE STATE AND SUSSEX
- COUNTY ASSUMES NO RESPONSIBILITY FOR FUTURE MAINTENANCE OF THE STREETS. 3. ACCESS TO ALL LOTS IS TO BE FROM SUBDIVISION STREETS OR DRIVE ACCESS LOOPS.
- 4. MAINTENANCE OF THE STORM WATER MANAGEMENT AREAS WILL BE THE RESPONSIBILITY
- OF THE OWNER/DEVELOPER AND OR HOMEOWNER'S ASSOCIATION.
- 5. THE PROPOSED ENTRANCES/EXITS ARE CONCEPTUAL ONLY AND ARE SUBJECT TO REVIEW AND APPROVAL BY THE DELAWARE DEPARTMENT OF TRANSPORTATION BEFORE A CONSTRUCTION PERMIT IS ISSUED.



PROPOSED FORCE MAIN WHERE INDICATED ON PLAN -

INDIVIDUAL UTILITY

CABLE (TYP.) (REFER TO

DEPTHS AND LOCATION) -

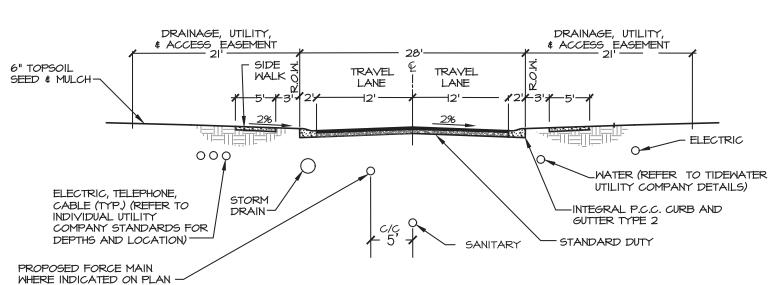
COMPANY STANDARDS FOR

STORM

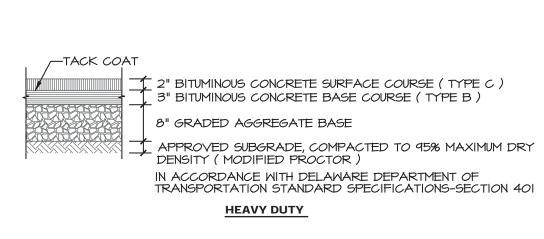
DRAIN-

TYPICAL SECTION - 50' R/W NOT TO SCALE

SANITARY



TYPICAL SECTION - REDUCED 28' R/W NOT TO SCALE



-TACK COAT

1 3/4" BITUMINOUS CONCRETE SURFACE COURSE (TYPE C) 2" BITUMINOUS CONCRETE BASE COURSE (TYPE B)

8" GRADED AGGREGATE BASE APPROVED SUBGRADE, COMPACTED TO 95% MAXIMUM DRY DENSITY (MODIFIED PROCTOR) IN ACCORDANCE WITH DELAWARE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS-SECTION 401

STANDARD DUTY

PAVING SECTIONS

NOT TO SCALE

SITE DATA	
I. PROJECT TITLE/NAME: PATRIOTS GLEN	
2. TAX PARCEL: 234-29-66.00; -66.01; -66.02	
3. OWNER INFORMATION: TARA DOUGHTY AND MARK SAMMONS 30756 MT. JOY ROAD MILLSBORO, DE	
4. DEVELOPER: SCHIFF LAND DEVELOPMENT CO., LLC 16054 S. DUPONT HMY. HARRINGTON, DE 19952	
5. EXISTING ZONING: MR-RPC (PER C/Z#1877)	
6. DEVELOPMENT TYPE: RESIDENTIAL PLANNED COMMUNITY (RPC) SINGLE FAMILY DETACHED	
7. BULK AREA STANDARDS - MR-RPC PER C/Z #1877	
MIN. FRONT YARD 25' MIN. SIDE YARD 10' MIN. REAR YARD 10' MIN. LOT WIDTH 60' MIN. LOT AREA 7,500 SF DENSITY: 4.356 D.U./AC.	
8. LAND USE: EXISTING USE: AGRICULTURAL PROPOSED USE: RESIDENTIAL	
9. DEVELOPMENT DENSITY COMPUTATIONS:	
NET SITE AREA: TOTAL SITE AREA: PROPOSED ROAD ROW: NET SITE AREA: 43.37 AC. ±	
ALLOWABLE DWELLING UNITS: NET SITE AREA * ALLOWABLE DENSITY = ALLOWABLE D.U. 43.37 AC. x 4.356 D.U. / AC. = 188 D.U.*	
*MAXIMUM OF 161 DWELLING UNITS PER C/Z #1877	
PROPOSED DENSITY: 158 D.U. / 43.37 AC. ± = 3.64 D.U./AC. (NET) 158 D.U. / 49.95 AC. ± = 3.16 D.U./AC. (GROSS)	
IO. SITE AREA BREAKDOWN: LOT AREA = 29.15 AC. \pm OPEN SPACE= 14.01 AC. \pm DELDOT DEDICATION = 0.00 AC. \pm PRIVATE R.O.W. = 6.38 AC. \pm PUMP STATION = 0.21 AC. \pm TOTAL SITE = 49.75 AC. \pm	
II. OPEN SPACE AREAS:	
REQUIRED [SECTION 99.21(D)]: 10% X 49.75 AC ± = 4.98 AC. ±	
PROPOSED: PASSIVE: I2.90 AC. ± (INCL. NATURAL FOREST & BUFFER AREAS, STORMWATER MANAGEMENT AREAS, PUMP STATION AREA, ETC.)	
ACTIVE: I.II AC. ± (INCL. COMMUNITY POOL & RECREATION AREA,)	
TOTAL PROPOSED14.01 AC. ±(14.01 AC. / 49.75 AC.) =28.2 %	_
12. FOREST COVER:	
EXIST. FOREST: I.74 AC. ±	

FOREST CLEARED

REFORESTATION:

PROPOSED TOTAL:

13. WATER SERVICE:

14. SANITARY SEWER:

15. PROPOSED LOTS:

16. PARKING ANALYSIS:

FOREST REMAINING:

-INTEGRAL P.C.C. CURB AND

GUTTER TYPE 2

- STANDARD DUTY

	PARKING PROVIDED: ON LOT: I58 SFD X 2 SP/DU = 316 SP COMMUNITY AREA: 24 SP TOTAL: 340 SP
17.	A PRELIMINARY WETLANDS EVALUATION WAS PERFORMED IN JULY 2018 BY GEO-TECHNOLOGY ASSOCIATES., INC. (GTA). NO JURISDICTIONAL "WATERS OF THE U.S." OR WETLANDS WERE DETERMINED TO BE PRESENT ON SITE.
18.	THIS SITE LIES WITHIN FLOOD ZONE X (AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN) PER FEMA MAPS 10005C0477K EFFECTIVE MARCH 16, 2015.
19.	ALL DROP MANHOLES TO BE 5' OR LARGER IN DIAMETER.
20.	ALL FACILITIES TO MEET SUSSEX COUNTY ENGINEERING DEPARTMENT'S STANDARDS AND SPECIFICATIONS.
21.	CLEANOUTS TO BE AT EDGE OF ROAD PAVEMENT OR EDGE OF RIGHT-OF-WAY; 6-INCH LATERAL FOR ALL SINGLE FAMILY HOUSES.
22.	NO CHURCHES, SCHOOLS, OR COMMERCIAL USE AREAS PROPOSED ON THIS SITE.
	MORRIS & RITCHIE ASSOCIATES, INC. ENGINEERS, PLANNERS, SURVEYORS AND LANDSCAPE ARCHITECTS 18 BOULDEN CIRCLE, SUITE 36 NEW CASTLE, DELAWARE 19720

1.24 AC. ±

0.50 AC. ±

0.00 AC. ±

0.50 AC. ±

PUBLIC (SUSSEX COUNTY)

158 SINGLE FAMILY LOTS

PARKING REQUIRED: 158 SFD X 2 SP/DU = 316 SP

PUBLIC (TIDEWATER UTILITY COMPANY)

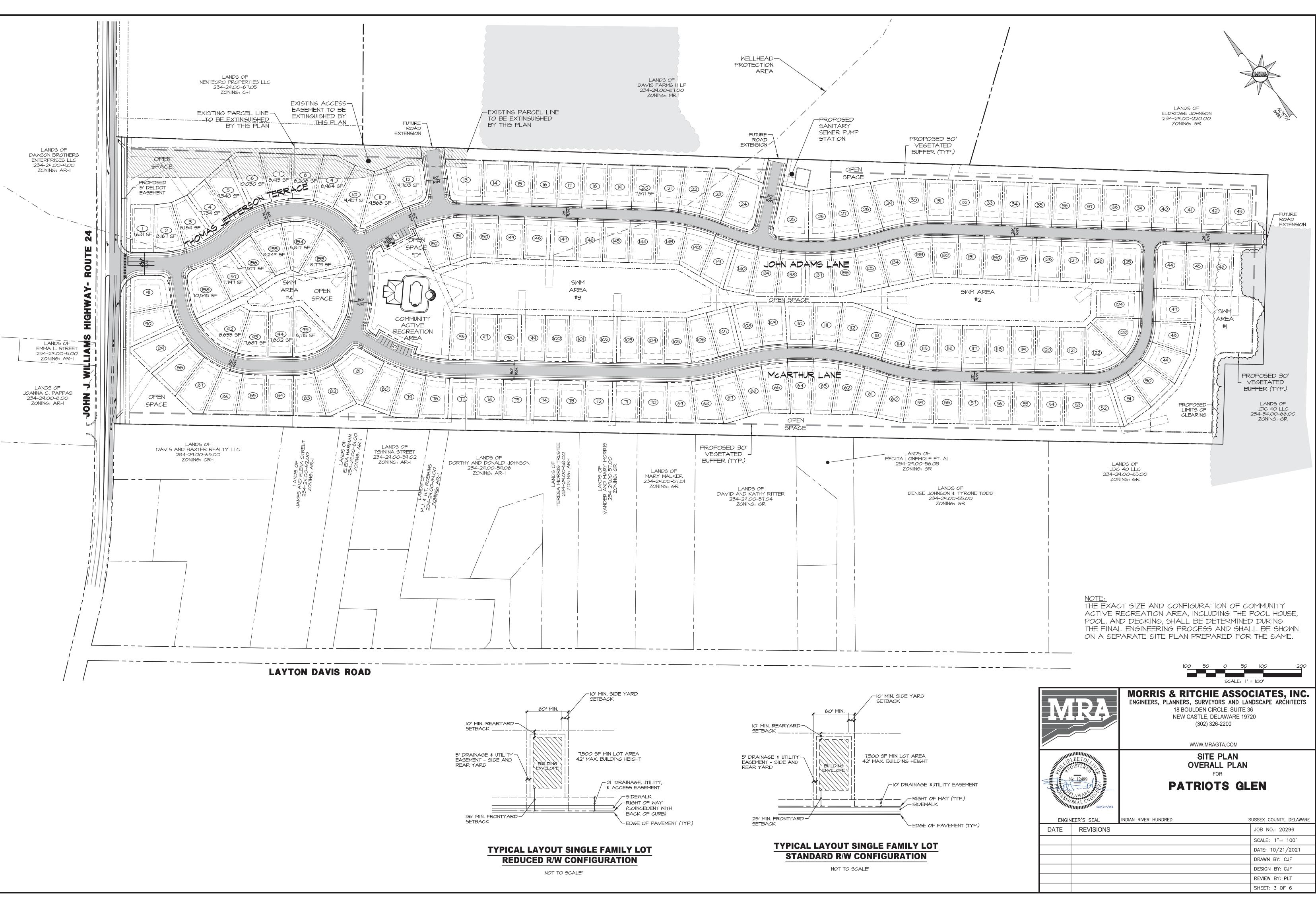
(302) 326-2200 FAX: (302) 326-2399

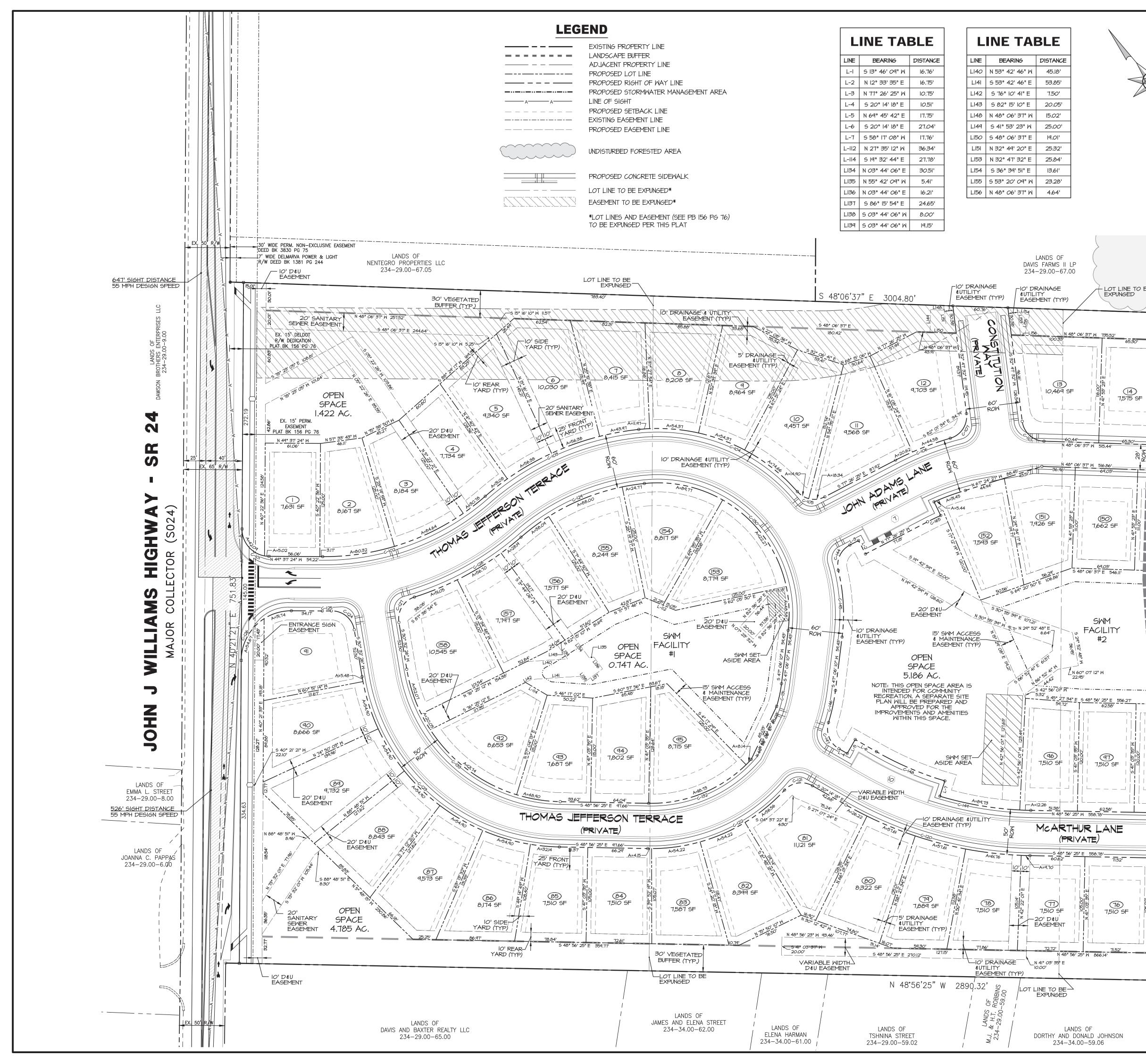
WWW.MRAGTA.COM

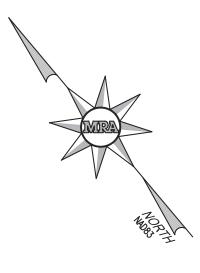
SITE PLAN **GENERAL NOTES & DETAILS** FOR

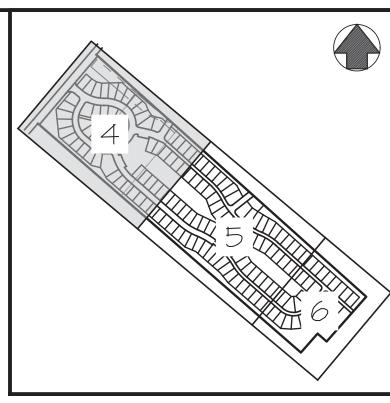
PA1	rrio	TS	GLEN

ENGIN	IEER'S SEAL	INDIAN RIVER HUNDRED	SUSSEX COUNTY, DELAWARE
DATE	REVISIONS		JOB NO.: 20296
			SCALE: AS NOTED
			DATE: 10/21/2021
			DRAWN BY: CJF
			DESIGN BY: CJF
			REVIEW BY: PLT
			SHEET: 2 OF 6

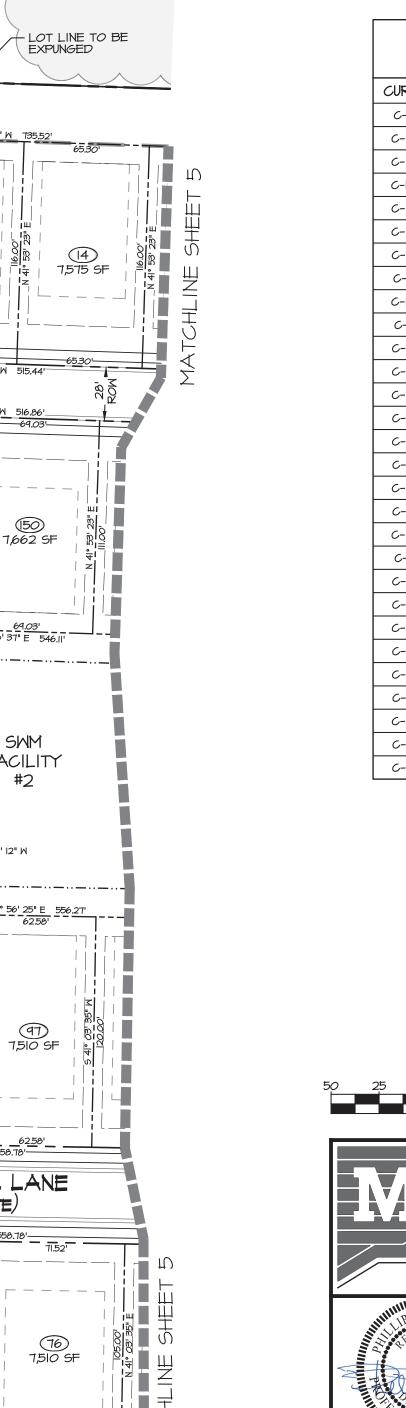




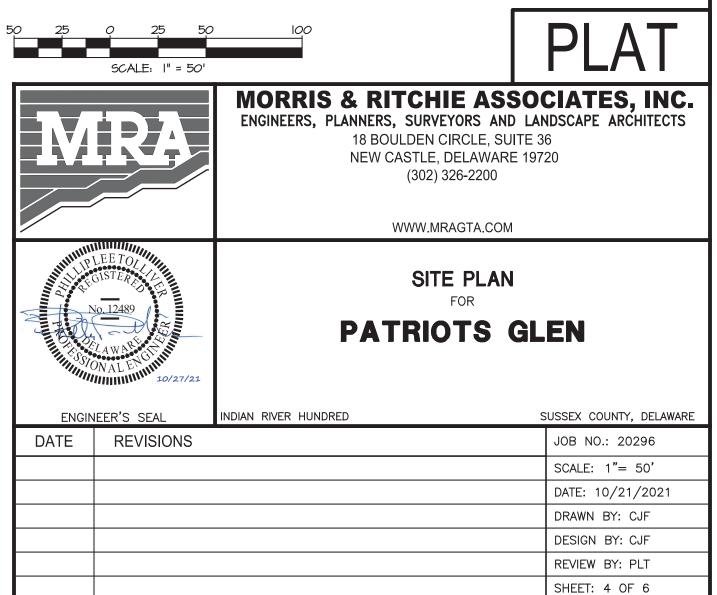


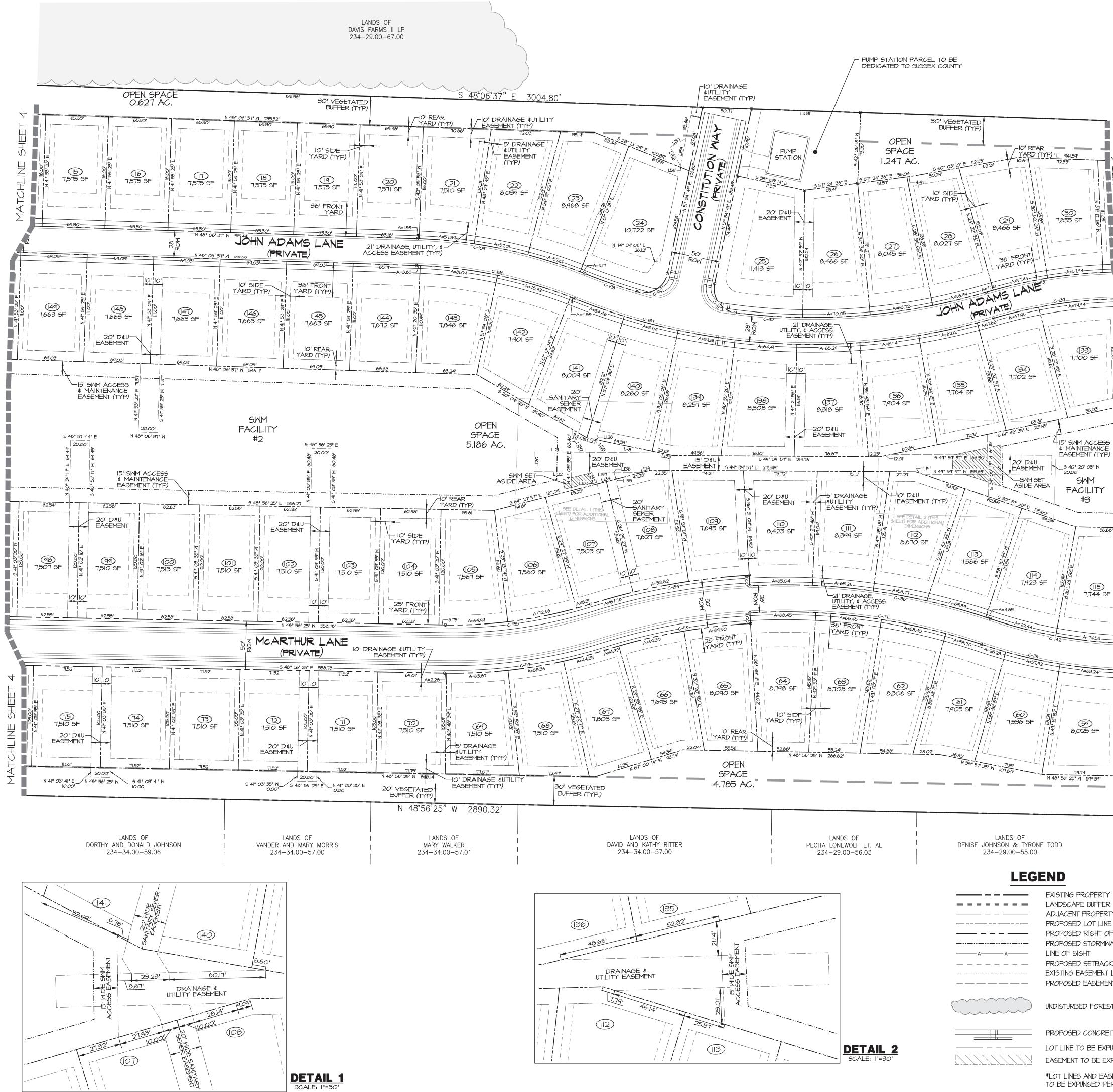


KEY MAP SCALE: |"=800'

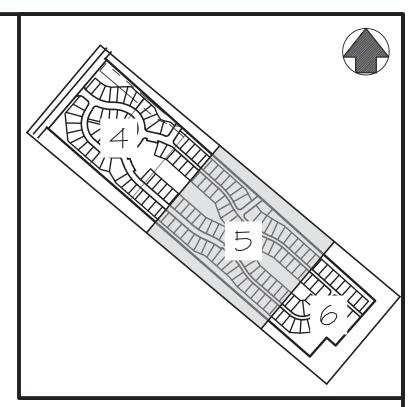


CURVE TABLE					
CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH	
C-101	30.00'	47.11'	5 04° 38' 01" E	42.42'	
C-102	270.00'	195.74'	5 70° 23' 30" E	191.48'	
C-103	305.00'	187.81'	5 73° 31' 11" E	184.85'	
C-104	205.00'	195.37'	5 28° 34' 39" E	188.06'	
C-105	25.00'	33.23'	5 39° 21' 29" E	30.84'	
C-106	330.00'	65.20'	N 71° 46' 49" W	65.09'	
C-107	25.00'	35.38'	N 73° 20' 09" E	32.50'	
C-110	25.00'	35.30'	N 07° 39' 33" W	32.44'	
C-120	425.00'	212.90'	S 34° 35' 2I" E	210.68'	
C-121	25.00'	33.67'	5 58° 49' 07" E	31.18'	
C-122	200.00'	169.15'	5 73° 10' 10" E	164.16'	
C-123	225.00'	312.12'	5 09° 12' 00" E	287.69'	
C-124	25.00'	35.74'	5 10° 24' 40" E	32.77'	
C-125	330.00'	10.02'	S 50° 29' 35" E	10.02'	
C-126	55.00'	54.67'	5 68° 50' 01" W	52.45'	
C-127	25.00'	35.74'	5 71° 29' 32" W	32.77'	
C-128	330.00'	135.95'	N 79° 21' 29" W	134.99'	
C-129	245.00'	150.86'	N 73° 31' 11" M	148.49'	
C-130	145.00'	260.62'	5 04° 23' 18" E	226.93'	
C-131	145.00'	25.57'	5 52° 09' 15" W	25.53'	
C-132	150.00'	126.86'	S 73° 10' 10" E	123.12'	
C-133	175.00'	242.76'	5 09° 12' 00" E	223.76'	
C-144	25.00'	33.23'	5 64° 28' 38" W	30.84'	
C-145	205.00'	74.09'	5 36° 44' 56" W	73.69'	
C-146	205.00'	36.15'	5 52° 09' 15" W	36.10'	
C-147	25.00'	33.79'	5 18° 29' 01" W	31.28'	
C-148	357.25'	82.31'	5 26° 50' 19" E	82.12'	
C-149	375.00'	101.99'	N 41° 08' 55" W	101.68'	
C-165	253.25'	l6.l0'	N 75° 37' 09" W	16.I <i>0</i> '	



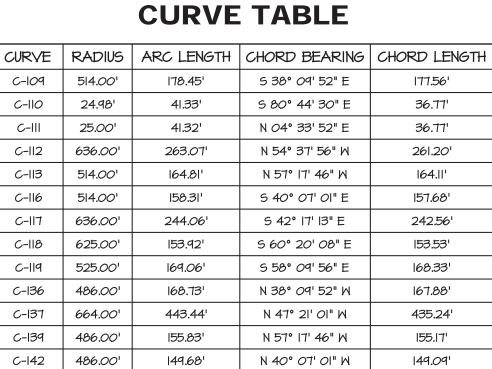




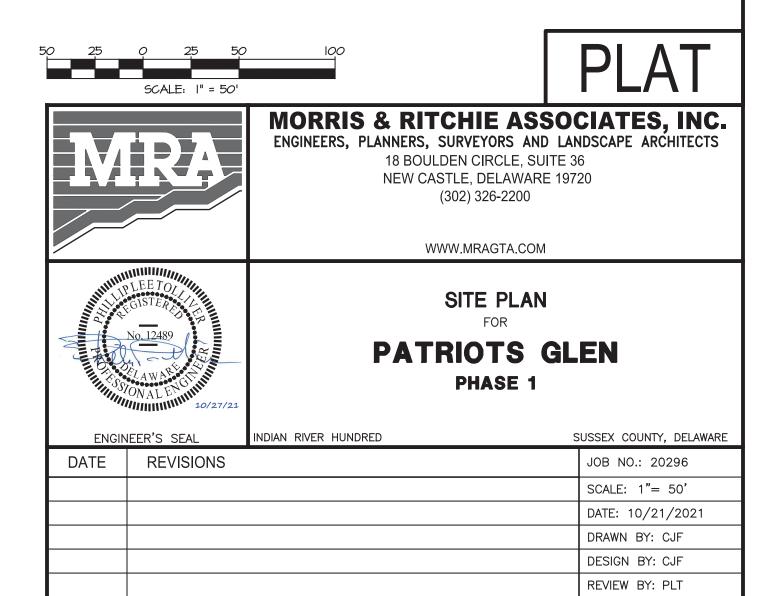


KEY MAP SCALE: |"=800'

L	INE TAI	BLE
LINE	BEARING	DISTANCE
L-8	5 38° 21' 30" E	91.50'
LI20	N 40° 26' 11" E	20.00'
LI2I	5 49° 33' 49" E	130.76'
LI22	N 49° 33' 49" W	.76'
LI23	5 38° 21' 30" E	13.54'
LI24	N 64° 23' 32" W	9.09'
LI25	S 09° 51' 33" W	13.57'
L126	S 57° 04' 56" W	1.58'
L127	5 38° 21' 30" E	10.05'
L128	S 25° 16' 17" E	10.09'
LI29	N 57° 04' 56" E	10.711
LI30	N 09° 51' 33" E	10.50'
LI32	5 09° 51' 33" W	10.15'
LI33	5 26° 29' 27" W	3.77'
LI34	S 64° 27' 57" E	20.00'
LI35	N 26° 29' 27" E	6.36'
LI36	N 09° 51' 33" E	1.25'
LI37	N 49° 33' 49" W	23.23'
L157	N 78° 51' 40" W	18.62'
LI58	5 ° 08' 20" W	21.60'
L159	N 51° 54' 41" E	28.52'



C-117	636.00'	244.06'	5 42° 17' 13" E	242.56'
C-118	625.00'	153.92'	5 60° 20' 08" E	153.53'
C-119	525.00'	169.06'	S 58° 09' 56" E	168.33'
C-136	486.00'	168.73'	N 38° 09' 52" W	167.88'
C-137	664.00'	443.44'	N 47° 21' 01" W	435.24'
C-139	486.00'	155.83'	N 57° 17' 46" W	155.17'
C-142	486.00'	149.68'	N 40° 07' 01" W	149.09'
C-153	475.00'	152.96'	N 58° 09' 56" W	I52.30'
C-154	675.00'	167.78'	N 60° 16' 12" W	167.35'
C-156	664.00'	56.77'	N 39° 37' 44" W	56.75'
C-196	646.77'	57.46'	5 30° 48' 24" E	57.44'
-			·	•



SHEET: 5 OF 6

FACILITY #3 (115) 7,744 SF -A=63.24 59 8,025 SF

(33)

7,700 SF

53.03' -

SWM

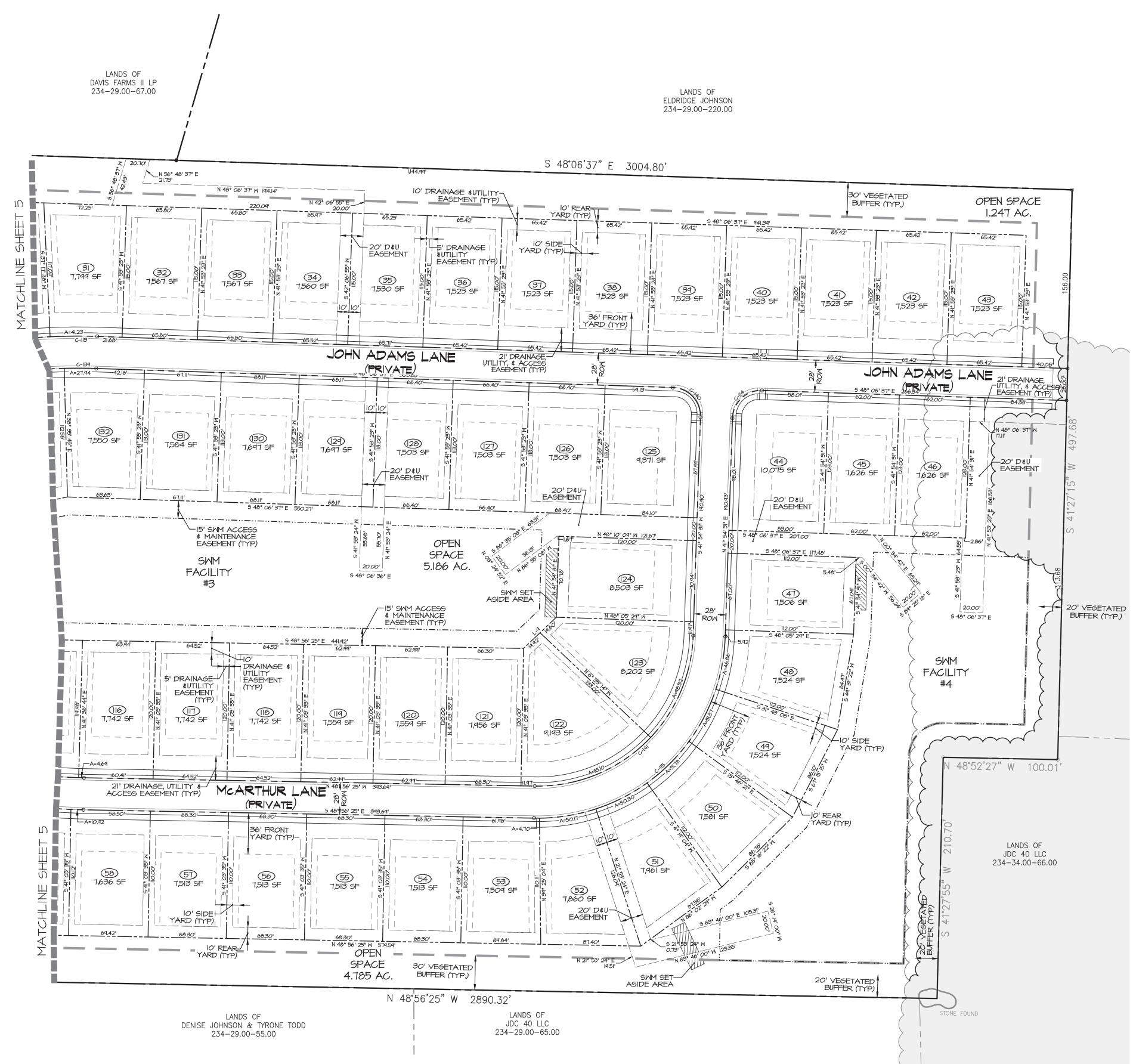
EXISTING PROPERTY LINE LANDSCAPE BUFFER ADJACENT PROPERTY LINE PROPOSED LOT LINE PROPOSED RIGHT OF WAY LINE PROPOSED STORMWATER MANAGEMENT AREA LINE OF SIGHT PROPOSED SETBACK LINE EXISTING EASEMENT LINE PROPOSED EASEMENT LINE

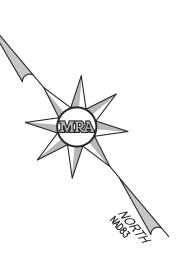
UNDISTURBED FORESTED AREA

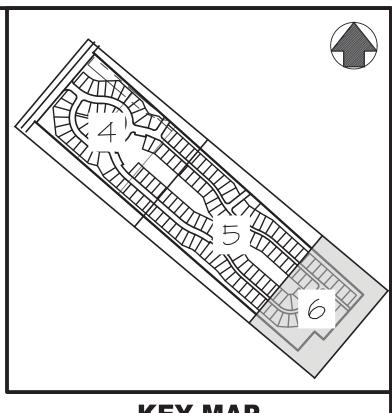
PROPOSED CONCRETE SIDEWALK LOT LINE TO BE EXPUNGED*

EASEMENT TO BE EXPUNGED*

*LOT LINES AND EASEMENT (SEE PB 156 PG 76) TO BE EXPUNGED PER THIS PLAT





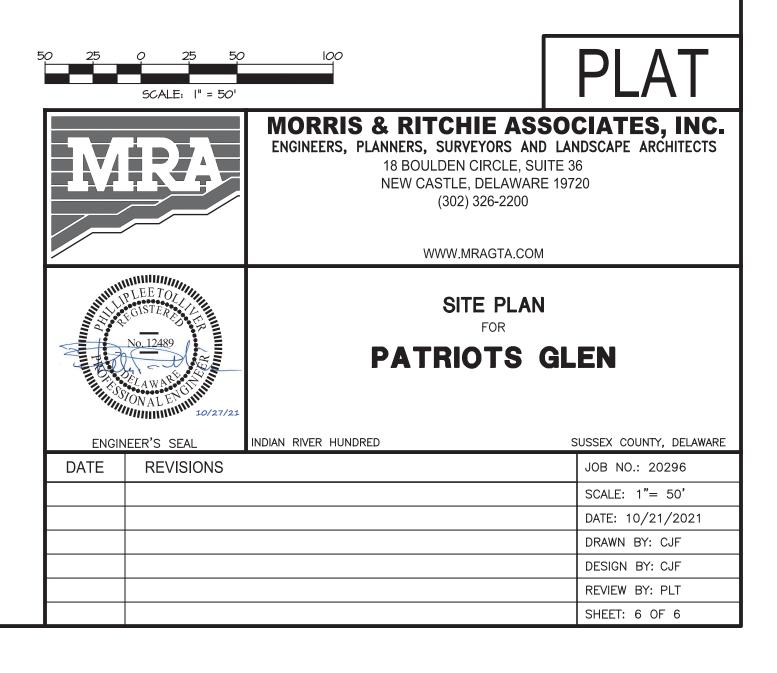


KEY MAP

CURVE TABLE						
CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH		
C-II3	514.00'	164.81'	N 57° 17' 46" W	l64.ll'		
C-114	25.00'	39.26'	N 86° 53' 57" E	35.35'		
C-115	164.00'	250.48'	N 85° 39' 47" E	226.84'		
C-116	514.00'	158.31'	5 40° 07' 01" E	157.68'		
C-139	486.00'	155.83'	N 57° 17' 46" W	155.17'		
C-140	25.00'	39.28'	5 03° 06' 03" E	35.36'		
C-141	136.00'	2 .6 '	S 86° 29' 03" W	190.90'		
C-142	486.00'	149.68'	N 40° 07' 01" W	149.09'		

LEGEND

A A	EXISTING PROPERTY LINE LANDSCAPE BUFFER ADJACENT PROPERTY LINE PROPOSED LOT LINE PROPOSED RIGHT OF WAY LINE PROPOSED STORMWATER MANAGEMENT AREA LINE OF SIGHT PROPOSED SETBACK LINE EXISTING EASEMENT LINE PROPOSED EASEMENT LINE
	UNDISTURBED FORESTED AREA PROPOSED CONCRETE SIDEWALK LOT LINE TO BE EXPUNGED* EASEMENT TO BE EXPUNGED*
	*LOT LINES AND EASEMENT (SEE PB 156 PG 76) TO BE EXPUNGED PER THIS PLAT



GENERAL NOTES

- 1. THE OWNERS OF THE PROPERTY SHOWN HEREON IS: ACADIA DEVELOPMENT. LLC BY INSIGHT HOMES. INC 16255 SUSSEX HIGHWAY BRIDGEVILLE, DE 19933
 - (302)-337-0400 ROBERT M. LISLE, CHIEF EXECUTIVE OFFICER
 - ROBERT@INSIGHTDE.COM
- 2. DELAWARE PLUS NUMBER: 2017-11-02 SUSSEX COUNTY PROJECT REFERENCE NUMBER: 2018-01
- 3. SITE ADDRESS: DORMAN & ROBINSONVILLE ROAD LEWES, DELAWARE 19958
- 4. VERTICAL DATUM USED : NAVD 88 HORIZONTAL DATUM USED: DELAWARE STATE PLANE NAD 83 (REFER TO PREVIOUSLY APPROVED PARKER & ASSOCIATES PLAN DATED 05/01/2020 FOR MORE INFORMATION)
- 5. SITE COORDINATES: 38.405326 N , 75.112571W
- 6. TOTAL AREA: 117.21 +/- ACRES IN SUSSEX COUNTY.
- 7. ACCORDING TO THE NATIONAL WETLANDS INVENTORY MAPPING, THERE ARE 0 AC OF WETLANDS PRESENT ON THIS SITE.
- 8. SITE IS LOCATED WITHIN THE INLAND BAYS WATERSHED
- 9. ZONING: AR-1- AGRICULTURAL RESIDENTIAL
- 10. TOTAL AREA OF DISTURBANCE: 120.73 ± ACRES FOR 234 LOT RESIDENTIAL OPEN SPACE CALCULATIONS
- PASSIVE: 33.24 AC RECREATIONAL: 1.82 AC 12.62 AC PONDS:
- NET DEVELOPMENT AREA: 73.05 AC

TYPE OF BUSINESS:

0.2% ANNUAL CHANCE FLOODPLAIN.

PARKING SPACES REQUIRED:

11. CLUBHOUSE PARKING

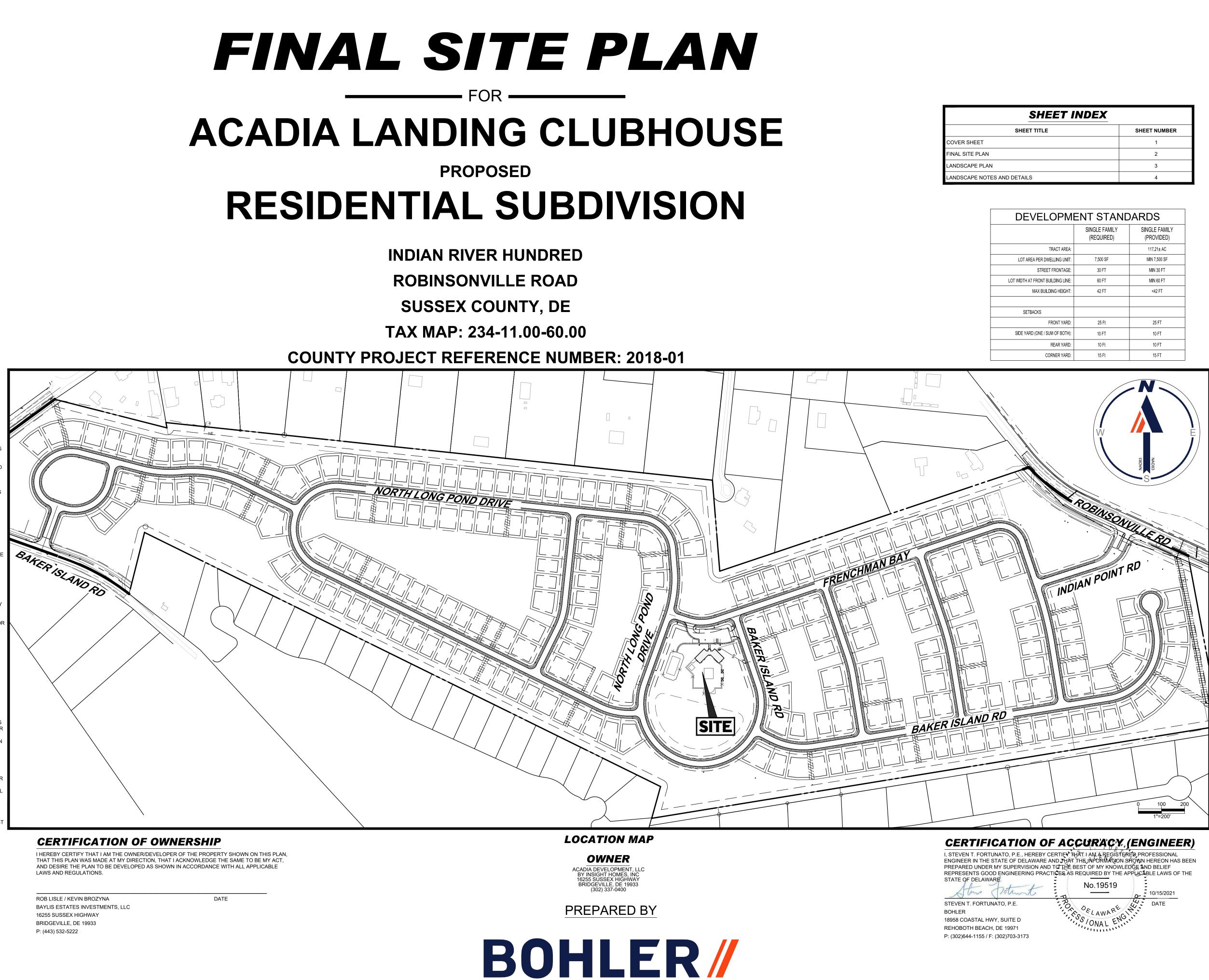
COMMERCIAL 1 SPACE / 200 SF FLOOR AREA 4,100 SF / 200 SF = 21 SPACES

PARKING SPACES PROVIDED: 28 SPACES (INCLUDING 2 ADA VAN ACCESSIBLE SPACE)

- 12. ALL RESIDENTIAL AND CLUBHOUSE BUILDING CONSTRUCTION IS TO BE WOOD FRAME WITH A MAXIMUM HEIGHT OF 2 STORIES.
- 13. CLUBHOUSE IS TO BE WOOD FRAME CONSTRUCTION. BUILDING WILL NOT BE SPRINKLERED, AND WILL HAVE A MAXIMUM HEIGHT OF 39'-6".
- 14. STORMWATER DISCHARGE IS TO OCCUR AT SOUTHERN MOST POINT, CROSSING
- ROBINSONVILLE RD, DISCHARGING INTO FEDERAL WETLANDS 15. THIS PROPERTY IS SHOWN ON F.I.R.M. COMMUNITY PANEL # 10005C0340K DATED MARCH 16,2015, LOCATED IN ZONE X, AREA DETERMINED TO BE OUTSIDE THE
- 16. ALL WATER SERVICE LINES, CURB BOX, VALVES AND INCIDENTAL CONNECTIONS ITEMS TO BUILDINGS SHALL CONFORM WITH SUSSEX COUNTY AND DNREC STANDARD SPECIFICATIONS AND DETAILS FOR UTILITIES DESIGN AND CONSTRUCTION.
- 17 IN THE EVENT THAT AN ERROR OVERSIGHT OR OMISSION BY BOHLER IS DISCOVERED OR SHOULD HAVE REASONABLY BEEN DISCOVERED DURING THE COURSE OF CONSTRUCTION; CLIENTS OR CONTRACTORS SHALL PROVIDE BOHLER AN IMMEDIATE NOTICE IN ORDER TO PROVIDE THE OPPORTUNITY TO IMPLEMENT AN ACCEPTABLE SOLUTION TO REMEDY OR MINIMIZE THE IMPACTS OF THE CONTRACTOR TO BOHLER, THE CLIENT OR CONTRACTOR SHALL RELIEVE BOHLER OF ANY LIABILITY THAT MAY ARISE FROM SAID ERROR, OVERSIGHT, OR OMISSION.
- 18. ALL FIRE LANES, EXITS, STANDPIPE AND SPRINKLER CONNECTIONS WILL BE MARKED IN ACCORDANCE WITH STATE FIRE PREVENTION REGULATIONS.
- 19. THE SUSSEX CONSERVATION DISTRICT RESERVES THE RIGHT TO ADD. MODIFYOR DELETE ANY EROSION AND SEDIMENT CONTROL MEASURES AS THEY DEEM NECESSARY
- 20. MISS UTILITY SHALL BE NOTIFIED THREE (3) CONSECUTIVE WORKING DAYS PRIOR TO EXCAVATION AT 1-800-282-8555.
- 21. ALL FIRE HYDRANTS, AND FIRE DEPARTMENT CONNECTIONS SHALL BE MARKED IN ACCORDANCE WITH THE STATE FIRE PREVENTION REGULATIONS.
- 22. WATER SERVICE PROVIDED BY TIDEWATER UTILITIES INC. SEWER TO BE PROVIDED BY SUSSEX COUNTY.
- 23. CONTRACTOR IS TO VERIFY ALL ELEVATIONS LISTED ON THE PLAN WITH A MINIMUM OF THREE BENCHMARKS THAT ARE ON THIS PROJECT'S UTILIZED DATUM PRIOR TO COMMENCING ANY CONSTRUCTION. IF ANY LOCATIONS OR ELEVATIONS OF BENCHMARKS, EXISTING FACILITIES, OR STRUCTURES DIFFER FROM THAT SHOWN HERE ON, CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER AT 302-644 -1155.
- 24. WATER MAINS SHALL BE LOCATED AT LEAST 10 FEET AWAY FROM ANY EXISTING OR PROPOSED SEWERS OR FORCEMAINS. WATER MAINS CROSSING SEWERS OR FORCEMAINS SHALL BE LOCATED SHALL BE LOCATED AT LEAST 18 INCHES ABOVE THE SEWERS. CROSSINGS SHALL BE ARRANGED SO THAT THE JOINTS IN THE WATER MAIN WILL BE AS FAR AS POSSIBLE FROM THE SEWER JOINTS.
- 25. THIS SITE IS LOCATED WITHIN AN AREA OF "FAIR" GROUNDWATER RECHARGE POTENTIAL
- 25. THE CONTRACTOR SHALL IMMEDIATELY STOP WORK AND NOTIFY THE ENGINEER IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN THE DRAWINGS AND EXISTING CONDITIONS. ERRORS OR OMISSIONS IN DRAWINGS OR LAYOUT SHALL BE TREATED AS A DISCREPANCY. ALL DISCREPANCIES SHALL BE RESOLVED PRIOR TO CONTINUATION OF WORK.
- 26. THIS PLAN IS BASED ON DESIGN ELEMENTS SHOWN ON A PREVIOUSLY APPROVED PLAN PREPARED BY PARKER AND ASSOCIATES, DATED 5/1/2020, LAST REVISED ON 7/10/2020, AND APPROVED BY DELDOT ON 7/23/2020, THIS PLAN IS FOR PERMITTING PURPOSE ONLY. SOME INFORMATION SHOWN ON THESE PLANS IS PROVIDED FOR REFERENCE ONLY. REFER TO THE PREVIOUSLY APPROVED PLANS FOR MORE INFORMATION.

<u>GENERAL NOTE:</u> IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT RK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE T

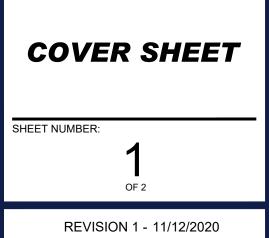
SPECIFICATIONS OR APPLICABLE CODES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN ITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITU YTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS ANI



CONTACT: STEVEN T. FORTUNATO, P.E.

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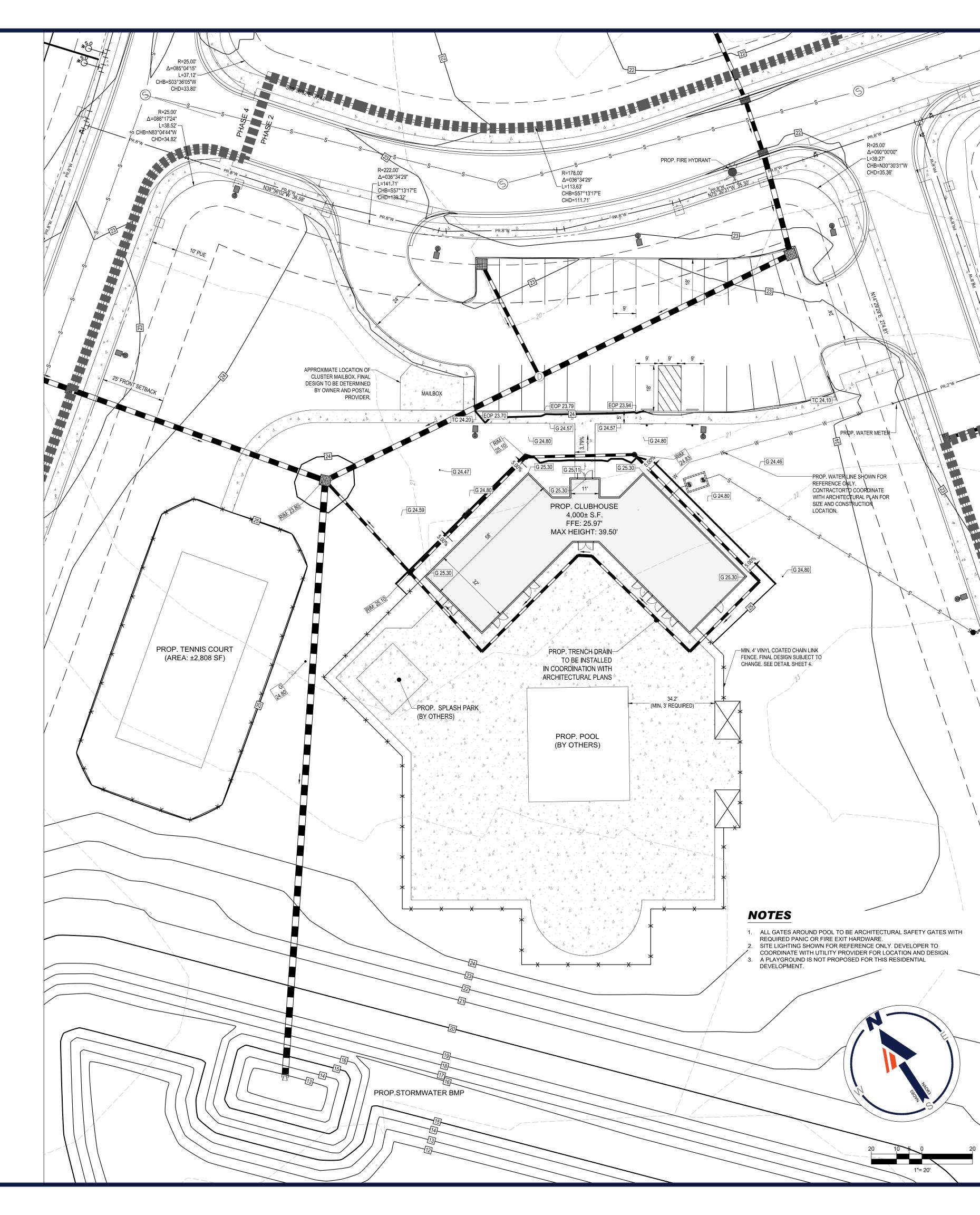
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SHEET TITLE	SHEET NUMBER
COVER SHEET	1
FINAL SITE PLAN	2
LANDSCAPE PLAN	3
LANDSCAPE NOTES AND DETAILS	4

	SINGLE FAMILY (REQUIRED)	SINGLE FAMILY (PROVIDED)
TRACT AREA:		117.21± AC
LOT AREA PER DWELLING UNIT:	7,500 SF	MIN 7,500 SF
STREET FRONTAGE:	30 FT	MIN 30 FT
LOT WIDTH AT FRONT BUILDING LINE:	60 FT	MIN 60 FT
MAX BUILDING HEIGHT:	42 FT	<42 FT
SETBACKS		
FRONT YARD:	25 Ft	25 FT
SIDE YARD (ONE / SUM OF BOTH):	10 FT	10 FT
REAR YARD:	10 Ft	10 FT
Corner yard:	15 Ft	15 FT



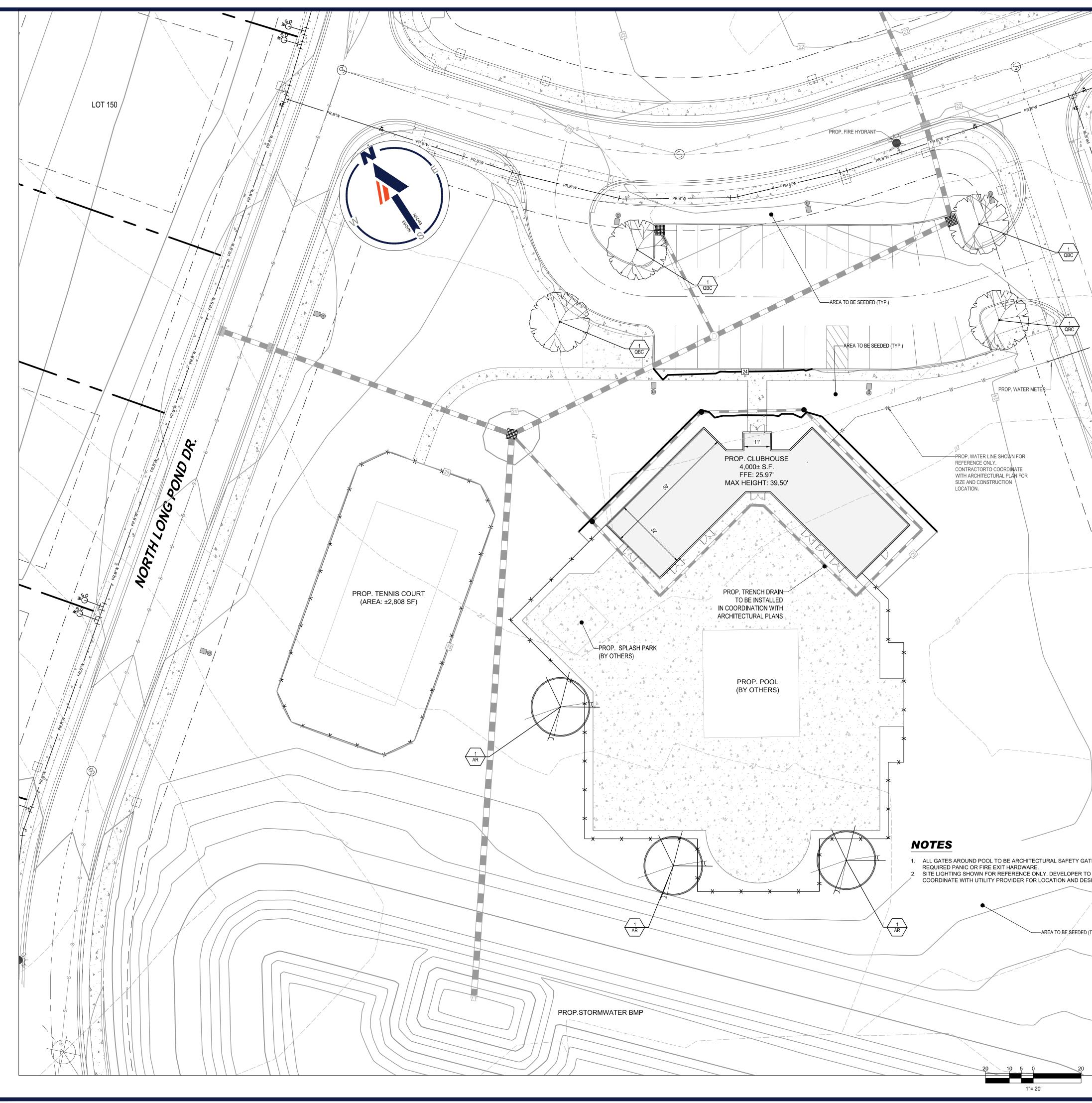




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EXISTING NOTE	TYPICAL NOTE TEXT ONSITE PROPERTY LINE / R.O.W. LINE NEIGHBORING PROPERTY LINE / INTERIOR PARCEL LINE	PROPOSED NOTE
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 \square REVISIONS REV DATE COMMENT 1 10/15/21 PER SUSSEX COUNTY COMMENTS Know what's **below. Call** before you dig. ALWAYS CALL 811 It's fast. It's free. It's the law. NOT APPROVED FOR CONSTRUCTION THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. I<u>T IS NOT INTENDED AS A CONSTRUCTI</u> <u>DOCUMENT</u> UNLESS INDICATED OTHERWISE. PROJECT No.: DRAWN BY: CHECKED BY: DATE: CAD I.D.: 07/23/2 PROJECT: FINAL SITE PLAN ACADIA LANDING CLUBHOUSE PROPOSED RESIDENTIAL SUBDIVISION INDIAN RIVER HUNDRED BEAVER DAM ROAD SUSSEX COUNTY, DE TAX MAP: 234-11.00-60.00 **BOHLER** 18958 COASTAL HWY, SUITE D **REHOBOTH BEACH, DE 19971** Phone: (302) 644-1155 Fax: (302) 703-3173 BohlerEngineering.com FORTUNATE In No. 19519 ELAWARE LICENSE No. 1951 SS/ONAL ENG. SHEET TITLE: FINAL SITE PLAN SHEET NUMBER:

REVISION 1 - 11/12/2020



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LANDSCAPE SPECIFICATIONS

. SCOPE OF WORK: HE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL CLEARING, FINISHED GRADING, SOIL PREPARATION, PERMANENT SEEDING OR SODDING, PLANTING AND MULCHING INCLUDING ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THIS PROJECT, UNLESS OTHERWISE CONTRACTED BY THE GENERAL CONTRACTOR.

2. MATERIALS A. GENERAL - ALL HARDSCAPE MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS

- B. TOPSOIL NATURAL, FRIABLE, LOAMY SILT SOIL HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, A PH RANGE BETWEEN 4.5-7.0. IT SHALL BE FREE OF DEBRIS, ROCKS LARGER THAN ONE INCH (1"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS
- C. LAWN ALL DISTURBED AREAS ARE TO BE TREATED WITH A MINIMUM SIX INCH (6") THICK LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, AND SEEDED OR SODDED IN ACCORDANCE WITH THE PERMANENT STABILIZATION METHODS INDICATED WITHIN THE SOIL EROSION AND SEDIMENT CONTROL NOTES. 1.1. LAWN SEED MIXTURE SHALL BE FRESH. CLEAN NEW CROP SEED 1.2. SOD SHALL BE STRONGLY ROOTED, WEED AND DISEASE/PEST FREE WITH A UNIFORM THICKNESS. 1.3. SOD INSTALLED ON SLOPES GREATER THAN 4:1 SHALL BE PEGGED TO HOLD SOD IN PLACE.
- D. MULCH THE MULCH AROUND THE PERIMETER OF THE BUILDING SHALL BE A 3" LAYER OF DOUBLE SHREDDED BLACK CEDAR MULCH ONLY. ALL OTHER AREAS SHALL BE MULCHED WITH A 3" LAYER OF DOUBLE SHREDDED DARK BROWN HARDWOOD BARK MULCH, UNLESS OTHERWISE STATED ON THE LANDSCAPE PLAN.
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- 1.1. FERTILIZER SHALL BE DELIVERED TO THE SITE MIXED AS SPECIFIED IN THE ORIGINAL UNOPENED STANDARD BAGS SHOWING WEIGHT, ANALYSIS AND NAME OF MANUFACTURER. FERTILIZER SHALL BE STORED IN A WEATHERPROOF PLACE SO THAT IT CAN BE KEPT DRY PRIOR TO USE. 1.2. FOR THE PURPOSE OF BIDDING, ASSUME THAT FERTILIZER SHALL BE 10% NITROGEN, 6% PHOSPHORUS AND 4% POTASSIUM BY WEIGHT. A FERTILIZER SHOULD NOT BE SELECTED WITHOUT A SOIL TEST PERFORMED BY A CERTIFIED SOIL LABORATORY

F. PLANT MATERIAL

- 1.1. ALL PLANTS SHALL IN ALL CASES CONFORM TO THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1), LATEST EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION
- 1.2. IN ALL CASES, BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES FOR ANY AND ALL PLANT MATERIAL
- 1.3. PLANTS SHALL BE LEGIBLY TAGGED WITH THE PROPER NAME AND SIZE. TAGS ARE TO REMAIN ON AT LEAST ONE PLANT OF EACH SPECIES FOR VERIFICATION PURPOSES DURING THE FINAL INSPECTION.
- 1.4. TREES WITH ABRASION OF THE BARK, SUN SCALDS, DISFIGURATION OR FRESH CUTS OF LIMBS OVER 11/4", WHICH HAVE NOT BEEN COMPLETELY CALLUSED, SHALL BE REJECTED PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES.
- 1.5. ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY AND SHALL HAVE A NORMAL HABIT OF GROWTH: WELL DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE OF DISEASE, INSECTS, PESTS, EGGS OR LARVAE
- 1.6. CALIPER MEASUREMENTS OF NURSERY GROWN TREES SHALL BE TAKEN AT A POINT ON THE TRUNK SIX INCHES (6") ABOVE THE NATURAL GRADE FOR TREES UP TO AND INCLUDING A FOUR INCH (4") CALIPER SIZE. IF THE CALIPER AT SIX INCHES (6") ABOVE THE GROUND EXCEEDS FOUR INCHES (4") IN CALIPER, THE CALIPER SHOULD BE MEASURED AT A POINT 12" ABOVE THE NATURAL GRADE. 1.7. SHRUBS SHALL BE MEASURED TO THE AVERAGE HEIGHT OR SPREAD OF THE SHRUB, AND NOT TO THE
- LONGEST BRANCH 1.8. TREES AND SHRUBS SHALL BE HANDLED WITH CARE BY THE ROOT BALL

3. GENERAL WORK PROCEDURES

A. CONTRACTOR TO UTILIZE WORKMANLIKE INDUSTRY STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH WORKDAY. ALL DEBRIS, MATERIALS AND TOOLS SHALL BE PROPERLY STORED. STOCKPILED OR DISPOSED OF

B. WASTE MATERIALS AND DEBRIS SHALL BE COMPLETELY DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL NOT BE BURIED, INCLUDING ORGANIC MATERIALS, BUT SHALL BE REMOVED COMPLETELY FROM THE SITE.

- A. BEFORE AND DURING PRELIMINARY GRADING AND FINISHED GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES OUTLINED HEREIN.
- B. ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE CUT OFF AT THE TRUNK. CONTRACTOR SHALL ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT ANY EXPOSED ROOTS SHALL BE CUT BACK WITH CLEAN SHARP TOOLS AND TOPSOIL SHALL BE PLACED AROUND THE REMAINDER OF THE ROOTS. EXISTING TREES SHALL BE MONITORED ON A REGULAR BASIS FOR ADDITIONAL ROOT OR BRANCH DAMAGE AS A RESULT OF CONSTRUCTION. ROOTS SHALL NOT BE LEFT EXPOSED FOR MORE THAN ONE (1) DAY. CONTRACTOR SHALL WATER EXISTING TREES AS NEEDED TO PREVENT SHOCK OR DECLINE
- C. CONTRACTOR SHALL ARRANGE TO HAVE A UTILITY STAKE-OUT TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY LANDSCAPE MATERIAL. UTILITY COMPANIES SHALL BE CONTACTED THREE (3) DAYS PRIOR TO THE BEGINNING OF WORK

TREE PROTECTIO

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES TO REMAIN. A TREE PROTECTION ZONE SHALL BE ESTABLISHED AT THE DRIP LINE OR 15 FEET FROM THE TRUNK OR AT THE LIMIT OF CONSTRUCTION DISTURBANCE, WHICHEVER IS GREATER. LOCAL STANDARDS THAT MAY REQUIRE A MORE STRICT TREE PROTECTION ZONE SHALL BE HONORED.
- . A FORTY-EIGHT INCH (48") HIGH WOODEN SNOW FENCE OR ORANGE COLORED HIGH-DENSITY 'VISI-FENCE', OR APPROVED EQUAL, MOUNTED ON STEEL POSTS SHALL BE PLACED ALONG THE BOUNDARY OF THE TREE PROTECTION ZONE. POSTS SHALL BE LOCATED AT A MAXIMUM OF EIGHT FEET (8') ON CENTER OR AS INDICATED WITHIN THE TREE PROTECTION DETAIL.
- C. WHEN THE TREE PROTECTION FENCING HAS BEEN INSTALLED, IT SHALL BE INSPECTED BY THE APPROVING AGENCY PRIOR TO DEMOLITION. GRADING. TREE CLEARING OR ANY OTHER CONSTRUCTION. THE FENCING ALONG THE TREE PROTECTION ZONE SHALL BE REGULARLY INSPECTED BY THE LANDSCAPE CONTRACTOR AND MAINTAINED UNTIL ALL CONSTRUCTION ACTIVITY HAS BEEN COMPLETED.
- D. AT NO TIME SHALL MACHINERY, DEBRIS, FALLEN TREES OR OTHER MATERIALS BE PLACED, STOCKPILED OR LEFT STANDING IN THE TREE PROTECTION ZONE.
- 6. SOIL MODIFICATIONS A. CONTRACTOR SHALL ATTAIN A SOIL TEST FOR ALL AREAS OF THE SITE PRIOR TO CONDUCTING ANY PLANTING. SOIL TESTS SHALL BE PERFORMED BY A CERTIFIED SOIL LABORATORY.
- B. LANDSCAPE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL. SOIL MODIFICATIONS, AS SPECIFIED HEREIN, MAY NEED TO BE CONDUCTED BY THE LANDSCAPE CONTRACTOR DEPENDING ON SITE CONDITIONS.
- C. THE FOLLOWING AMENDMENTS AND QUANTITIES ARE APPROXIMATE AND ARE FOR BIDDING PURPOSES ONLY. COMPOSITION OF AMENDMENTS SHOULD BE REVISED DEPENDING ON THE OUTCOME OF A TOPSOIL ANALYSIS PERFORMED BY A CERTIFIED SOIL LABORATORY. 1.1. TO INCREASE A SANDY SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS, THOROUGHLY TILL ORGANIC
- MATTER INTO THE TOP 6-12". USE COMPOSTED BARK, COMPOSTED LEAF MULCH OR PEAT MOSS. ALL PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE FREE OF PIECES WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID MATERIAL WITH A PH HIGHER THAN 7.5. 1.2 TO INCREASE DRAINAGE MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING
- COMPOSTED PINE BARK (UP TO 30% BY VOLUME) AND/OR AGRICULTURAL GYPSUM. COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN 60% OF THE TOTAL MIX. SUBSURFACE DRAINAGE LINES MAY NEED TO BE ADDED TO INCREASE DRAINAGE. 1.3. MODIFY EXTREMELY SANDY SOILS (MORE THAN 85%) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED
- CLAY LOAM UP TO 30% OF THE TOTAL MIX. INISHED GRADIN
- A. UNLESS OTHERWISE CONTRACTED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF TOPSOIL AND THE ESTABLISHMENT OF FINE-GRADING WITHIN THE DISTURBANCE AREA OF THE
- B. LANDSCAPE CONTRACTOR SHALL VERIFY THAT SUBGRADE FOR INSTALLATION OF TOPSOIL HAS BEEN ESTABLISHED. THE SUBGRADE OF THE SITE MUST MEET THE FINISHED GRADE LESS THE REQUIRED TOPSOIL THICKNESS (1"±).
- C. ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN AND UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE AS DEPICTED WITHIN THIS SET OF CONSTRUCTION PLANS, UNLESS OTHERWISE DIRECTED 13. CLEANUE BY THE PROJECT ENGINEER OR LANDSCAPE ARCHITECT.
- D. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER IN AND AROUND THE PLANTING BEDS. STANDING WATER SHALL NOT BE PERMITTED IN PLANTING BEDS. TOPSOILIN
- CONTRACTOR SHALL PROVIDE A SIX INCH (6") THICK MINIMUM LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO ACHIEVE THE DESIRED COMPACTED THICKNESS.
- B. ON-SITE TOPSOIL MAY BE USED TO SUPPLEMENT THE TOTAL AMOUNT REQUIRED. TOPSOIL FROM THE SITE MAY BE REJECTED IF IT HAS NOT BEEN PROPERLY REMOVED, STORED AND PROTECTED PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL FURNISH TO THE APPROVING AGENCY AN ANALYSIS OF BOTH IMPORTED AND ON-SITE TOPSOIL TO BE UTILIZED IN ALL PLANTING AREAS. THE PH AND NUTRIENT LEVELS MAY NEED TO BE ADJUSTED THROUGH SOIL MODIFICATIONS AS NEEDED TO ACHIEVE THE REQUIRED LEVELS AS SPECIFIED IN THE MATERIALS SECTION ABOVE
- D. ALL PLANTING AND LAWN AREAS ARE TO BE CULTIVATED TO A DEPTH OF SIX INCHES (6"). ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES SECTION ABOVE. THE FOLLOWING SHALL BE TILLED INTO THE TOP FOUR INCHES (4") IN TWO DIRECTIONS (QUANTITIES BASED ON A 1 000 SQUARE FOOT AREA) 1.1. 20 POUNDS 'GROW POWER' OR APPROVED EQUAL 1.2. 20 POUNDS NITRO-FORM (COURSE) 38-0-0 BLUE CHIP
- E. THE SPREADING OF TOPSOIL SHALL NOT BE CONDUCTED UNDER MUDDY OR FROZEN CONDITIONS.

- A. INSOFAR THAT IT IS FEASIBLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THAT THIS IS NOT POSSIBLE, LANDSCAPE CONTRACTOR SHALL PROTECT UNINSTALLED PLANT MATERIAL. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY PLANTS THAT WILL NOT BE PLANTED FOR A PERIOD OF TIME GREATER THAN THREE DAYS SHALL BE HEALED IN WITH TOPSOIL OR MULCH TO HELP PRESERVE ROOT MOISTURE.
- B. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MUDDY OR FROZEN CONDITION.
- C. ANY INJURED ROOTS OR BRANCHES SHALL BE PRUNED TO MAKE CLEAN-CUT ENDS PRIOR TO PLANTING UTILIZING CLEAN. SHARP TOOLS. ONLY INJURED OR DISEASED BRANCHING SHALL BE REMOVED.
- D. ALL PLANTING CONTAINERS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING
- E. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
- F. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN. MUST BE INSTALLED. INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS 1.1. PLANTS: MARCH 15 TO DECEMBER 15
- 1.2. LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1
- G. PLANTINGS REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED DURING THE NEXT APPROPRIATE SEASON AT THE MUNICIPALITY'S DISCRETION. CONTRACTOR SHOULD CONTACT APPROVING AGENCY FOR POTENTIAL SUBSTITUTIONS.
- H. FURTHERMORE, THE FOLLOWING TREE VARIETIES ARE UNUSUALLY SUSCEPTIBLE TO WINTER DAMAGE. WITH TRANSPLANT SHOCK AND THE SEASONAL LACK OF NITROGEN AVAILABILITY. THE RISK OF PLANT DEATH IS GREATLY INCREASED. IT IS NOT RECOMMENDED THAT THESE SPECIES BE PLANTED DURING THE FALL PLANTING SEASON ACER RUBRUM PLATANUS X ACERIFOLIA BETULA VARIETIES POPULOUS VARIETIES CARPINUS VARIETIES PRUNUS VARIETIES

CARFINUS VARIETIES	FRUNUS VARIETIES
CRATAEGUS VARIETIES	PYRUS VARIETIES
KOELREUTERIA	QUERCUS VARIETIES
LIQUIDAMBER STYRACIFLUA	TILIA TOMENTOSA
LIRIODENDRON TULIPIFERA	ZELKOVA VARIETIES

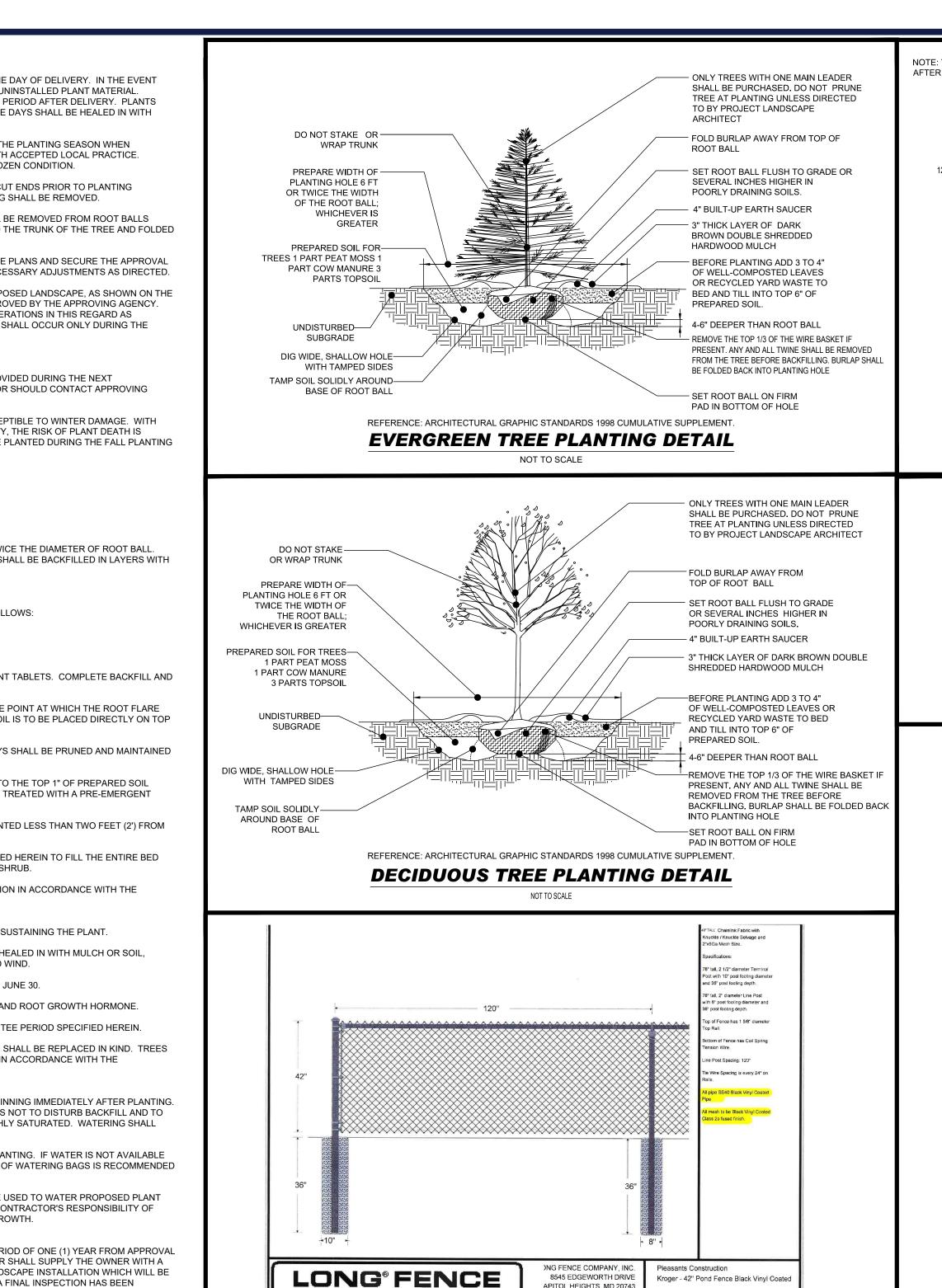
- . PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL. THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACKFILLED IN LAYERS WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY: • 1 PART PEAT MOSS
- 1 PART COMPOSTED COW MANURE BY VOLUME • 3 PARTS TOPSOIL BY VOLUME
- 21 GRAMS 'AGRIFORM' PLANTING TABLETS (OR APPROVED EQUAL) AS FOLLOWS: A) 2 TABLETS PER 1 GALLON PLANT
- B) 3 TABLETS PER 5 GALLON PLANT C) 4 TABLETS PER 15 GALLON PLANT
- D) LARGER PLANTS: 2 TABLETS PER 1/2" CALIPER OF TRUNK J. FILL PREPARED SOIL AROUND BALL OF PLANT HALF-WAY AND INSERT PLANT TABLETS. COMPLETE BACKFILL AND
- WATER THOROUGHLY K. ALL PLANTS SHALL BE PLANTED SO THAT THE TOP OF THE ROOT BALL. THE POINT AT WHICH THE ROOT FLARE BEGINS, IS SET AT GROUND LEVEL AND IN THE CENTER OF THE PIT. NO SOIL IS TO BE PLACED DIRECTLY ON TOP
- OF THE ROOT BALL ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS OR DRIVEWAYS SHALL BE PRUNED AND MAINTAINED TO A MINIMUM BRANCHING HEIGHT OF 7' FROM GRADE
- M. GROUND COVER AREAS SHALL RECEIVE A 1/4" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING. ALL GROUND COVER AREAS SHALL BE WEEDED AND TREATED WITH A PRE-EMERGENT CHEMICAL AS PER MANUFACTURER'S RECOMMENDATION
- N. NO PLANT, EXCEPT GROUND COVERS, GRASSES OR VINES, SHALL BE PLANTED LESS THAN TWO FEET (2') FROM EXISTING STRUCTURES AND SIDEWALKS.
- O. ALL PLANTING AREAS AND PLANTING PITS SHALL BE MULCHED AS SPECIFIED HEREIN TO FILL THE ENTIRE BED AREA OR SAUCER. NO MULCH IS TO TOUCH THE TRUNK OF THE TREE OR SHRUB.
- P. ALL PLANTING AREAS SHALL BE WATERED IMMEDIATELY UPON INSTALLATION IN ACCORDANCE WITH THE WATERING SPECIFICATIONS AS LISTED HEREIN.

10. TRANSPLANTING (WHEN REQUIRED)

- A. ALL TRANSPLANTS SHALL BE DUG WITH INTACT ROOT BALLS CAPABLE OF SUSTAINING THE PLANT. B. IF PLANTS ARE TO BE STOCKPILED BEFORE REPLANTING, THEY SHALL BE HEALED IN WITH MULCH OR SOIL.
- ADEQUATELY WATERED AND PROTECTED FROM EXTREME HEAT, SUN AND WIND. C. PLANTS SHALL NOT BE DUG FOR TRANSPLANTING BETWEEN APRIL 10 AND JUNE 30.
- D. UPON REPLANTING, BACKFILL SOIL SHALL BE AMENDED WITH FERTILIZER AND ROOT GROWTH HORMONE.
- E. TRANSPLANTS SHALL BE GUARANTEED FOR THE LENGTH OF THE GUARANTEE PERIOD SPECIFIED HEREIN.
- F. IF TRANSPLANTS DIE. SHRUBS AND TREES LESS THAN SIX INCHES (6") DBH SHALL BE REPLACED IN KIND. TREES GREATER THAN SIX INCHES (6") DBH MAY BE REQUIRED TO BE REPLACED IN ACCORDANCE WITH THE MUNICIPALITY'S TREE REPLACEMENT GUIDELINES.
- 11. WATERING
- A. NEW PLANTINGS OR LAWN AREAS SHALL BE ADEQUATELY IRRIGATED BEGINNING IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED. WATERING SHALL CONTINUE AT LEAST UNTIL PLANTS ARE ESTABLISHED
- B. SITE OWNER SHALL PROVIDE WATER IF AVAILABLE ON SITE AT TIME OF PLANTING. IF WATER IS NOT AVAILABLE ON SITE, CONTRACTOR SHALL SUPPLY ALL NECESSARY WATER. THE USE OF WATERING BAGS IS RECOMMENDED FOR ALL NEWLY PLANTED TREES.
- C. IF AN IRRIGATION SYSTEM HAS BEEN INSTALLED ON THE SITE, IT SHALL BE USED TO WATER PROPOSED PLANT MATERIAL, BUT ANY FAILURE OF THE SYSTEM DOES NOT ELIMINATE THE CONTRACTOR'S RESPONSIBILITY OF MAINTAINING THE DESIRED MOISTURE LEVEL FOR VIGOROUS. HEALTHY GROWTH.
- 12. GUARANTE
- A. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE APPROVING AGENCY. CONTRACTOR SHALL SUPPLY THE OWNER WITH A MAINTENANCE BOND FOR TEN PERCENT (10%) OF THE VALUE OF THE LANDSCAPE INSTALLATION WHICH WILL BE RELEASED AT THE CONCLUSION OF THE GUARANTEE PERIOD AND WHEN A FINAL INSPECTION HAS BEEN COMPLETED AND APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.
- B. ANY DEAD OR DYING PLANT MATERIAL SHALL BE REPLACED FOR THE LENGTH OF THE GUARANTEE PERIOD. REPLACEMENT OF PLANT MATERIAL SHALL BE CONDUCTED AT THE FIRST SUCCEEDING PLANTING SEASON. ANY DEBRIS SHALL BE DISPOSED OF OFF-SITE, WITHOUT EXCEPTION.
- C. TREES AND SHRUBS SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION AND THROUGHOUT THE 90 DAY MAINTENANCE PERIOD AS SPECIFIED HEREIN. CULTIVATION, WEEDING, WATERING AND THE PREVENTATIVE TREATMENTS SHALL BE PERFORMED AS NECESSARY TO KEEP PLANT MATERIAL IN GOOD CONDITION AND FREE OF INSECTS AND DISEASE.
- D. LAWNS SHALL BE MAINTAINED THROUGH WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING AND OTHER OPERATIONS SUCH AS ROLLING, REGARDING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH. ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.

A. UPON THE COMPLETION OF ALL LANDSCAPE INSTALLATION AND BEFORE THE FINAL ACCEPTANCE. THE CONTRACTOR SHALL REMOVE ALL UNUSED MATERIALS, EQUIPMENT AND DEBRIS FROM THE SITE. ALL PAVED AREAS ARE TO BE CLEANED.

B. THE SITE SHALL BE CLEANED AND LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE



Kroger - 42" Pond Fence Black Vinyl Coate

APITOL HEIGHTS, MD 2074

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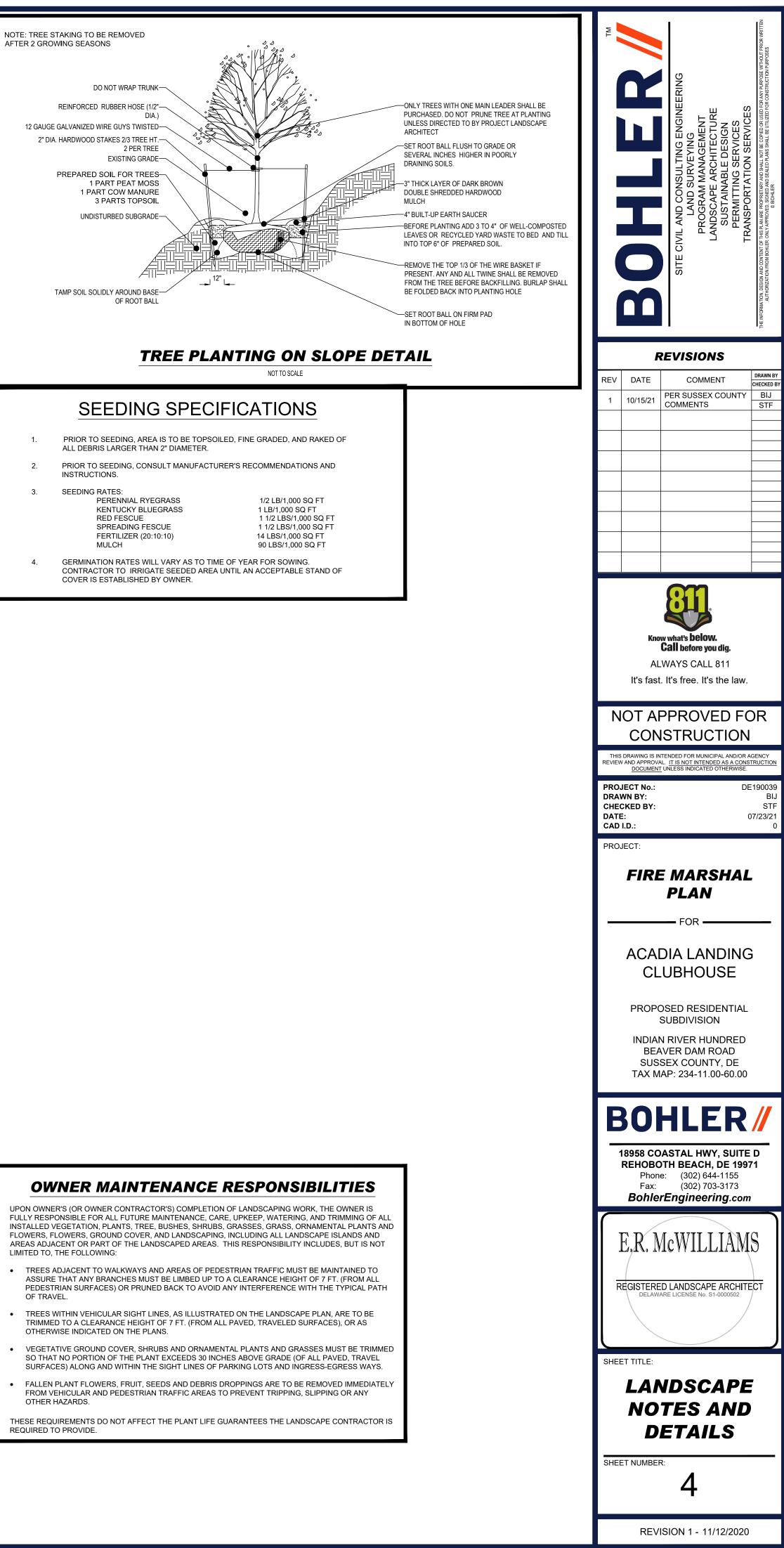
42" Chainlink Line of Fence

(301) 350-240

LIMITED TO, THE FOLLOWING:

OF TRAVEL

OTHER HAZARDS.



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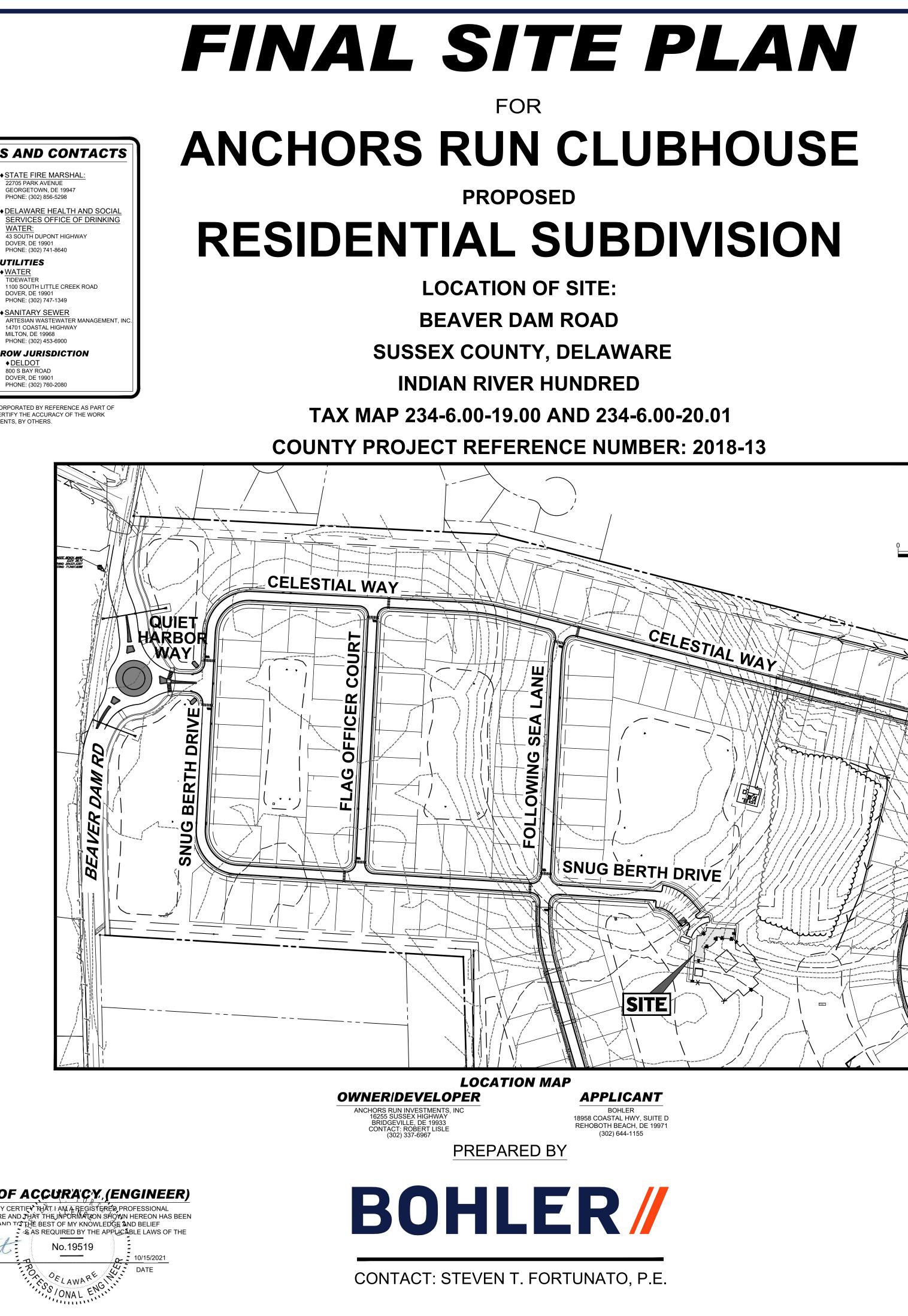
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PLAN REFERENCES AND CONTACTS REFERENCES STATE FIRE MARSHAL 22705 PARK AVENUE ♦BOUNDARY & TOPOGRAPHIC GEORGETOWN, DE 19947 SURVEY: PHONE: (302) 856-5298 PARKER & ASSOCIATES, INC. 528 RIVERSIDE DRIVE DELAWARE HEALTH AND SOCIAL SALISBURY MD 21801 SERVICES OFFICE OF DRINKING PHONE: (410) 749-1023 WATER: ♦ PREVIOUSLY APPROVED 43 SOUTH DUPONT HIGHWAY DOVER, DE 19901 ENGINEERING: PHONE: (302) 741-8640 PARKER & ASSOCIATES, INC. 528 RIVERSIDE DRIVE UTILITIES SALISBURY, MD 21801 ♦ WATER PHONE: (410) 749-1023 **FIDEWATER GOVERNING AGENCIES** 1100 SOUTH LITTLE CREEK ROAD DOVER, DE 19901 SUSSEX COUNTY PLANNING AND PHONE: (302) 747-1349 ZONING 2 THE CIRCLE ♦ SANITARY SEWER P.O. BOX 417 ARTESIAN WASTEWATER MANAGEMENT, IN GEORGETOWN, DE 19947 14701 COASTAL HIGHWAY PHONE: (302) 855-7878 MILTON, DE 19968 PHONE: (302) 453-6900 ♦ SUSSEX COUNTY ENGINEERIN **ROW JURISDICTION** DEPARTMENT 2 THE CIRCLE ♦ DELDOT 800 S BAY ROAD P.O. BOX 589 GEORGETOWN, DE 19947 DOVER. DE 19901

THE ABOVE REFERENCED DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THESE PLANS, HOWEVER, BOHLER DOES NOT CERTIFY THE ACCURACY OF THE WORK REFERENCED OR DERIVED FROM THESE DOCUMENTS, BY OTHERS

PHONE: (302) 855-7718



CERTIFICATION OF ACCURACY (ENGINEER)

I, STEVEN T. FORTUNATO, P.E., HEREBY CERTIEN THAT I AN A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF DELAWARE AND THAT THE INFORMATION SHOWN HEREON HAS BEEN PREPARED LINDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF

STEVEN T. FORTUNATO, P.E. BOHLER 18958 COASTAL HWY, SUITE D REHOBOTH BEACH, DE 19971 P: (302)644-1155 / F: (302)703-3173

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SHEET INDEX

SHEET TITLE	SHEET NUMBER
COVER SHEET	1
FINAL SITE PLAN	2
LANDSCAPE PLAN	3
LANDSCAPE NOTES AND DETAILS	4

DEVELOPM	ENT STAND	ARDS
	SINGLE FAMILY (REQUIRED)	SINGLE FAMILY (PROVIDED)
TRACT AREA:		132.71± AC
LOT AREA PER DWELLING UNIT:	7,500 SF	MIN 7,500 SF
STREET FRONTAGE:	30 FT	MIN 30 FT
LOT WIDTH AT FRONT BUILDING LINE:	60 FT	MIN 60 FT
MAX BUILDING HEIGHT:	42 FT	<42 FT
SETBACKS		
FRONT YARD:	25 Ft	25 FT
SIDE YARD (ONE / SUM OF BOTH):	10 FT	10 FT
REAR YARD:	10 Ft	10 FT
CORNER YARD:	15 Ft	15 FT

PROJECT NOTES

1. OWNER/DEVELOPER: ANCHORS RUN INVESTMENT, INC ROBERT LISLE 16255 SUSSEX HIGHWAY BRIDGEVILLE, DE 19933 (302) 337-6967

ENGINEER:

BOHLER 18958 COASTAL HWY, SUITE D REHOBOTH BEACH, DE 19971 (302) 644-1155

- 2. TAX MAP PARCEL NO.: 234-6.00-19.00 AND 234-6.00-20.01.
- 3. EXISTING ZONING: AR-1 (AGRICULTURAL RESIDENTIAL LOW-DENSITY AREA)
- 4. PROPOSED ZONING: AR-1 (AGRICULTURAL RESIDENTIAL LOW-DENSITY AREA)
- 5. EXISTING USE: VACANT/WOODED
- 6. PROPOSED USE: RESIDENTIAL SUBDIVISION TOTAL PROPOSED LOTS: 265 SINGLE FAMILY
- 7 DENSITY PERMITTED: 5,780,848 SF/21,780 SF/LOT = 265 LOTS PROPOSED: TOTAL: 265 LOTS
- 8. TOTAL SITE AREA: 132.71± AC
- OPEN SPACE CALCULATIONS PASSIVE: 32.1 AC RECREATIONAL: 3.5 AC 19 83 AC PONDS WOODS TO REMAIN: 16.60 AC
- NET DEVELOPMENT AREA:

VERTICAL: NAVD 88

- 9. INVESTMENT AREA: LEVEL 4
- 10. DATUM: HORIZONTAL: NAD 83 (DELAWARE STATE PLANE GRID)

(REFER TO APPROVED PARKER & ASSOCIATE PLANS DATED 01/14/2020)

60.68 AC

- 11. EXISTING GROSS ACREAGE: ±5.780.848 SF (132.71AC) PROPOSED GROSS ACREAGE: ±5,780,848 SF (132.71AC)
- 12. THIS PROPERTY IS LOCATED IN OTHER AREAS ZONE X (AREAS DETERMINED TO BE OUTSIDE THE .02% CHANCE ANNUAL FLOODPLAIN) PER FIRM MAP NUMBER 1005C0330J, LAST REVISED: MARCH 16, 2015.
- 13. ACCESS TO THE SITE SHALL BE FROM BEAVER DAM RD VIA TWO PROPOSED ROUND ABOUT ENTRANCES (DESIGN BY OTHERS).
- 14. ALL FIRE LANES, FIRE HYDRANTS, FIRE DEPARTMENT CONNECTIONS, SPRINKLERS, STANDPIPE CONNECTIONS, AND FIRE EXITS SHALL BE MARKED AND/OR PROTECTED IN ACCORDANCE WITH THE DELAWARE STATE FIRE REGULATION.
- 15. WATER SUPPLY: TIDEWATER UTILITIES, INC. SUBJECT TO THE APPROVAL OF THE DELAWARE STATE DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL, THE DELAWARE STATE DIVISION OF PUBLIC HEALTH AND TIDEWATER UTILITIES, INC.
- 16. SANITARY SEWER: ARTESIAN WASTEWATER MANAGEMENT, INC., SUBJECT TO THE APPROVAL OF THE DELAWARE STATE DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL AND SUSSEX COUNTY ENGINEERING DEPARTMENT.
- 17. ACCORDING TO THE NATIONAL WETLANDS MAPPING, ±0.21 AC OF WETLANDS HAVE BEEN IDENTIFIED ON THIS SITE.
- 18. THIS SITE IS LOCATED WITHIN AN AREA OF "POOR" AND "FAIR" GROUND WATER RECHARGE POTENTIAL.
- 19. SUSSEX COUNTY AGREEMENT: 1095-2.
- 20. S.C.E. SUBDIVISION NO.: 2018-13.
- 21. CLUBHOUSE PARKING
 - TYPE OF BUSINESS: PARKING SPACES REQUIRED:

PARKING SPACES PROVIDED:

- COMMERCIAL 1 SPACE / 200 SF FLOOR AREA 4,100 SF / 200 SF = 21 SPACES
- 21 SPACES (INCLUDING 1 ADA VAN ACCESSIBLE SPACE)

DATE

22. THIS PLAN IS BASED ON DESIGN ELEMENTS SHOWN ON A PREVIOUSLY APPROVED PLAN PREPARED BY PARKER AND ASSOCIATES, DATED 01/14/2020 AND APPROVED BY DELDOT ON 12/26/2019. THIS PLAN IS FOR PERMITTING PURPOSE ONLY. SOME INFORMATION SHOWN ON THESE PLANS IS PROVIDED FOR REFERENCE ONLY. REFER TO THE PREVIOUSLY APPROVED PLANS FOR MORE INFORMATION.

CERTIFICATION OF OWNERSHIP

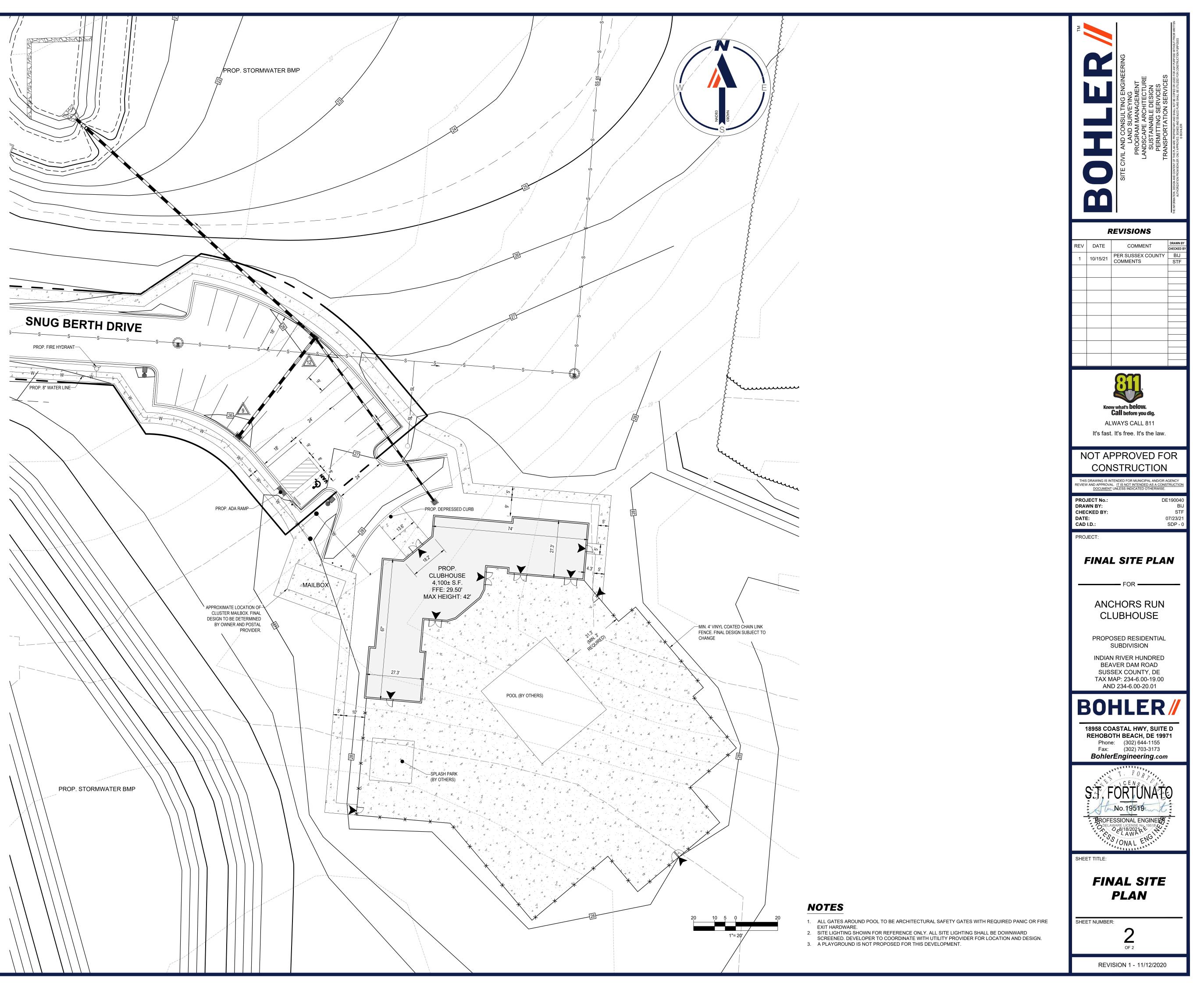
I HEREBY CERTIFY THAT I AM THE OWNER/DEVELOPER OF THE PROPERTY SHOWN ON THIS PLAN THAT THIS PLAN WAS MADE AT MY DIRECTION, THAT I ACKNOWLEDGE THE SAME TO BE MY ACT. AND DESIRE THE PLAN TO BE DEVELOPED AS SHOWN IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS

ROB LISLE / KEVIN BROZYNA BAYLIS ESTATES INVESTMENTS, LLC 16255 SUSSEX HIGHWAY BRIDGEVILLE, DE 19933 P: (443) 532-5222

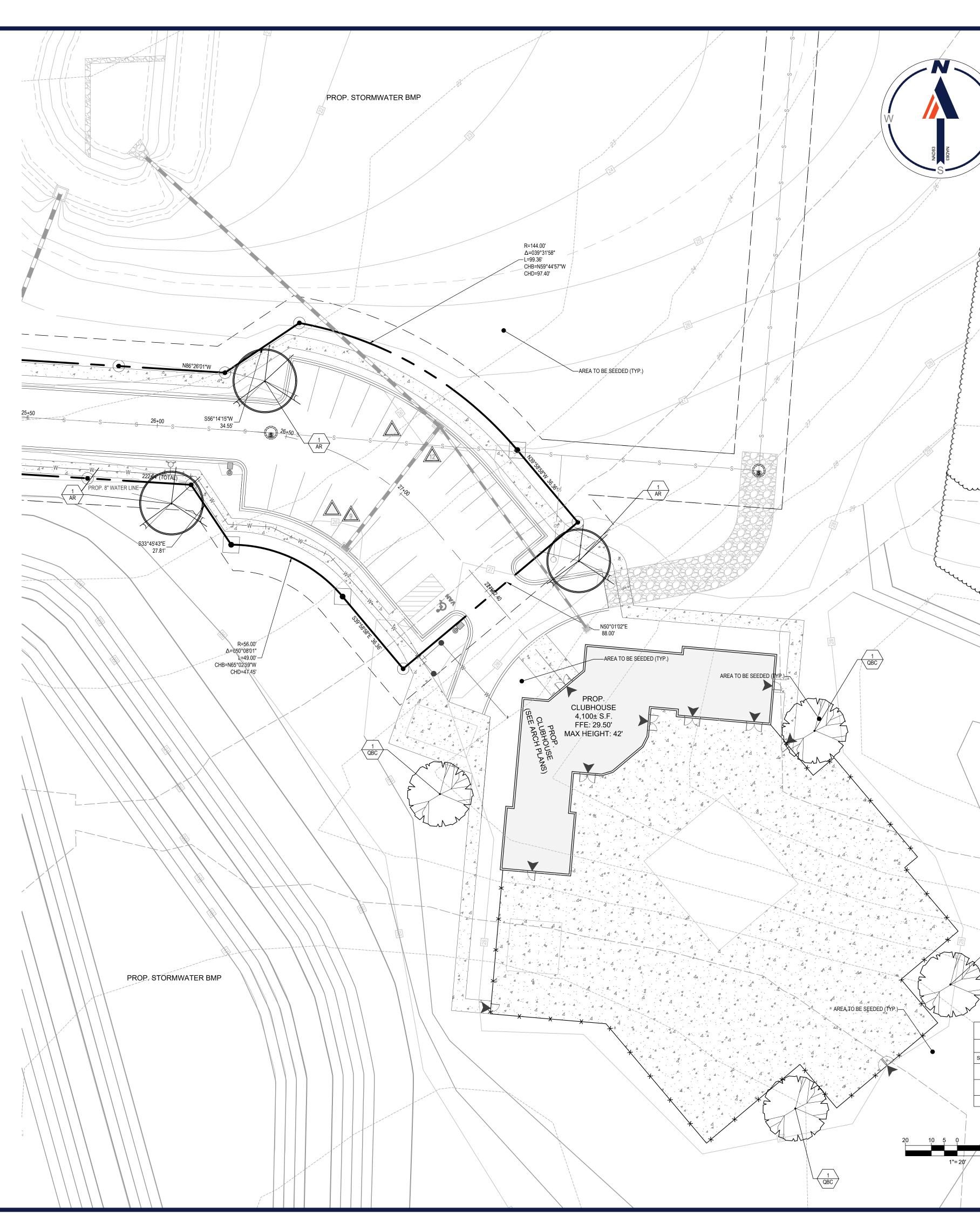


REVISION 1 - 11/12/2020

OF 2







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					REVISIONS REV DATE COMMENT DRAWN BY 1 10/15/21 PER SUSSEX COUNTY BIJ 1 10/15/21 PER SUSSEX PER SUSSEX 1 10/15/21 PER SUSSEX PER SUS
					Know what's below. Call before you dig. ALWAYS CALL 811 It's fast. It's free. It's the law.
un un					NOT APPROVED FOR CONSTRUCTION THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTION DOCUMENT UNLESS INDICATED OTHERWISE. PROJECT No.: DE190040 DRAWN BY: DRAWN BY: BIJ CHECKED BY:
					DATE: 07/23/21 CAD I.D.: SDP - 0 PROJECT: FINAL SITE PLAN FORFOR
					CLUBHOUSE PROPOSED RESIDENTIAL SUBDIVISION INDIAN RIVER HUNDRED BEAVER DAM ROAD SUSSEX COUNTY, DE TAX MAP: 234-6.00-19.00 AND 234-6.00-20.01
					BOHLER//
KEY QTY.	LANDSCA BOTANICAL NAME	PE SCHEDULE COMMON NAME	CAL. / HT.	CONT.	E.R. MCWILLIAMS REGISTERED LANDSCAPE ARCHITECT DELAWARE LICENSE NO. S1-0000502
SHADE TREES AR QBC 4 SUBTOTAL:	ACER RUBRUM QUERCUS BICOLOR	RED MAPLE SWAMP WHITE OAK	2 1/2-3" CAL. / 12-14' 2 1/2-3" CAL. / 12-14'	B+B B+B	SHEET TITLE: LANDSCAPE PLAN
20	NOTE: IF ANY DISCREPANCIES THE PLANT LIST, THE PLAN SH	OCCUR BETWEEN AMOUNTS SH IALL DICTATE.	OWN IN THE PLAN AND		SHEET NUMBER:

LANDSCAPE SPECIFICATIONS

. SCOPE OF WORK: HE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL CLEARING, FINISHED GRADING, SOIL PREPARATION, PERMANENT SEEDING OR SODDING, PLANTING AND MULCHING INCLUDING ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THIS PROJECT, UNLESS OTHERWISE CONTRACTED BY THE GENERAL CONTRACTOR.

2. MATERIALS A. GENERAL - ALL HARDSCAPE MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS

- B. TOPSOIL NATURAL, FRIABLE, LOAMY SILT SOIL HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, A PH RANGE BETWEEN 4.5-7.0. IT SHALL BE FREE OF DEBRIS, ROCKS LARGER THAN ONE INCH (1"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS
- C. LAWN ALL DISTURBED AREAS ARE TO BE TREATED WITH A MINIMUM SIX INCH (6") THICK LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, AND SEEDED OR SODDED IN ACCORDANCE WITH THE PERMANENT STABILIZATION METHODS INDICATED WITHIN THE SOIL EROSION AND SEDIMENT CONTROL NOTES. 1.1. LAWN SEED MIXTURE SHALL BE FRESH. CLEAN NEW CROP SEED 1.2. SOD SHALL BE STRONGLY ROOTED. WEED AND DISEASE/PEST FREE WITH A UNIFORM THICKNESS. 1.3. SOD INSTALLED ON SLOPES GREATER THAN 4:1 SHALL BE PEGGED TO HOLD SOD IN PLACE.
- D. MULCH THE MULCH AROUND THE PERIMETER OF THE BUILDING SHALL BE A 3" LAYER OF DOUBLE SHREDDED BLACK CEDAR MULCH ONLY. ALL OTHER AREAS SHALL BE MULCHED WITH A 3" LAYER OF DOUBLE SHREDDED DARK BROWN HARDWOOD BARK MULCH, UNLESS OTHERWISE STATED ON THE LANDSCAPE PLAN.
- F FFRTII IZFR
- 1.1. FERTILIZER SHALL BE DELIVERED TO THE SITE MIXED AS SPECIFIED IN THE ORIGINAL UNOPENED STANDARD BAGS SHOWING WEIGHT, ANALYSIS AND NAME OF MANUFACTURER. FERTILIZER SHALL BE STORED IN A WEATHERPROOF PLACE SO THAT IT CAN BE KEPT DRY PRIOR TO USE. 1.2. FOR THE PURPOSE OF BIDDING, ASSUME THAT FERTILIZER SHALL BE 10% NITROGEN, 6% PHOSPHORUS AND 4% POTASSIUM BY WEIGHT. A FERTILIZER SHOULD NOT BE SELECTED WITHOUT A SOIL TEST PERFORMED BY A CERTIFIED SOIL LABORATORY

F. PLANT MATERIAL

- 1.1. ALL PLANTS SHALL IN ALL CASES CONFORM TO THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1), LATEST EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION
- 1.2. IN ALL CASES, BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES FOR ANY AND ALL PLANT MATERIAL
- 1.3. PLANTS SHALL BE LEGIBLY TAGGED WITH THE PROPER NAME AND SIZE. TAGS ARE TO REMAIN ON AT LEAST ONE PLANT OF EACH SPECIES FOR VERIFICATION PURPOSES DURING THE FINAL INSPECTION.
- 1.4. TREES WITH ABRASION OF THE BARK, SUN SCALDS, DISFIGURATION OR FRESH CUTS OF LIMBS OVER 11/4", WHICH HAVE NOT BEEN COMPLETELY CALLUSED, SHALL BE REJECTED PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES.
- 1.5. ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY AND SHALL HAVE A NORMAL HABIT OF GROWTH: WELL DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE OF DISEASE, INSECTS, PESTS, EGGS OR LARVAE
- 1.6. CALIPER MEASUREMENTS OF NURSERY GROWN TREES SHALL BE TAKEN AT A POINT ON THE TRUNK SIX INCHES (6") ABOVE THE NATURAL GRADE FOR TREES UP TO AND INCLUDING A FOUR INCH (4") CALIPER SIZE. IF THE CALIPER AT SIX INCHES (6") ABOVE THE GROUND EXCEEDS FOUR INCHES (4") IN CALIPER, THE CALIPER SHOULD BE MEASURED AT A POINT 12" ABOVE THE NATURAL GRADE. 1.7. SHRUBS SHALL BE MEASURED TO THE AVERAGE HEIGHT OR SPREAD OF THE SHRUB, AND NOT TO THE
- LONGEST BRANCH 1.8. TREES AND SHRUBS SHALL BE HANDLED WITH CARE BY THE ROOT BALL

3. GENERAL WORK PROCEDURES

A. CONTRACTOR TO UTILIZE WORKMANLIKE INDUSTRY STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH WORKDAY. ALL DEBRIS, MATERIALS AND TOOLS SHALL BE PROPERLY STORED. STOCKPILED OR DISPOSED OF

B. WASTE MATERIALS AND DEBRIS SHALL BE COMPLETELY DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL NOT BE BURIED, INCLUDING ORGANIC MATERIALS, BUT SHALL BE REMOVED COMPLETELY FROM THE SITE.

- A. BEFORE AND DURING PRELIMINARY GRADING AND FINISHED GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES OUTLINED HEREIN.
- B. ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE CUT OFF AT THE TRUNK. CONTRACTOR SHALL ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT ANY EXPOSED ROOTS SHALL BE CUT BACK WITH CLEAN SHARP TOOLS AND TOPSOIL SHALL BE PLACED AROUND THE REMAINDER OF THE ROOTS. EXISTING TREES SHALL BE MONITORED ON A REGULAR BASIS FOR ADDITIONAL ROOT OR BRANCH DAMAGE AS A RESULT OF CONSTRUCTION. ROOTS SHALL NOT BE LEFT EXPOSED FOR MORE THAN ONE (1) DAY. CONTRACTOR SHALL WATER EXISTING TREES AS NEEDED TO PREVENT SHOCK OR DECLINE
- C. CONTRACTOR SHALL ARRANGE TO HAVE A UTILITY STAKE-OUT TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY LANDSCAPE MATERIAL. UTILITY COMPANIES SHALL BE CONTACTED THREE (3) DAYS PRIOR TO THE BEGINNING OF WORK

TREE PROTECTIO

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES TO REMAIN. A TREE PROTECTION ZONE SHALL BE ESTABLISHED AT THE DRIP LINE OR 15 FEET FROM THE TRUNK OR AT THE LIMIT OF CONSTRUCTION DISTURBANCE, WHICHEVER IS GREATER. LOCAL STANDARDS THAT MAY REQUIRE A MORE STRICT TREE PROTECTION ZONE SHALL BE HONORED.
- . A FORTY-EIGHT INCH (48") HIGH WOODEN SNOW FENCE OR ORANGE COLORED HIGH-DENSITY 'VISI-FENCE', OR APPROVED EQUAL, MOUNTED ON STEEL POSTS SHALL BE PLACED ALONG THE BOUNDARY OF THE TREE PROTECTION ZONE. POSTS SHALL BE LOCATED AT A MAXIMUM OF EIGHT FEET (8') ON CENTER OR AS INDICATED WITHIN THE TREE PROTECTION DETAIL.
- C. WHEN THE TREE PROTECTION FENCING HAS BEEN INSTALLED, IT SHALL BE INSPECTED BY THE APPROVING AGENCY PRIOR TO DEMOLITION GRADING TREE CLEARING OR ANY OTHER CONSTRUCTION. THE FENCING ALONG THE TREE PROTECTION ZONE SHALL BE REGULARLY INSPECTED BY THE LANDSCAPE CONTRACTOR AND MAINTAINED UNTIL ALL CONSTRUCTION ACTIVITY HAS BEEN COMPLETED.
- D. AT NO TIME SHALL MACHINERY, DEBRIS, FALLEN TREES OR OTHER MATERIALS BE PLACED, STOCKPILED OR LEFT STANDING IN THE TREE PROTECTION ZONE.
- 6. SOIL MODIFICATIONS A. CONTRACTOR SHALL ATTAIN A SOIL TEST FOR ALL AREAS OF THE SITE PRIOR TO CONDUCTING ANY PLANTING. SOIL TESTS SHALL BE PERFORMED BY A CERTIFIED SOIL LABORATORY.
- B. LANDSCAPE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL. SOIL MODIFICATIONS, AS SPECIFIED HEREIN, MAY NEED TO BE CONDUCTED BY THE LANDSCAPE CONTRACTOR DEPENDING ON SITE CONDITIONS
- C. THE FOLLOWING AMENDMENTS AND QUANTITIES ARE APPROXIMATE AND ARE FOR BIDDING PURPOSES ONLY. COMPOSITION OF AMENDMENTS SHOULD BE REVISED DEPENDING ON THE OUTCOME OF A TOPSOIL ANALYSIS PERFORMED BY A CERTIFIED SOIL LABORATORY. 1.1. TO INCREASE A SANDY SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS, THOROUGHLY TILL ORGANIC
- MATTER INTO THE TOP 6-12". USE COMPOSTED BARK, COMPOSTED LEAF MULCH OR PEAT MOSS. ALL PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE FREE OF PIECES WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID MATERIAL WITH A PH HIGHER THAN 7.5. 1.2 TO INCREASE DRAINAGE MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING
- COMPOSTED PINE BARK (UP TO 30% BY VOLUME) AND/OR AGRICULTURAL GYPSUM. COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN 60% OF THE TOTAL MIX. SUBSURFACE DRAINAGE LINES MAY NEED TO BE ADDED TO INCREASE DRAINAGE.
- 1.3. MODIFY EXTREMELY SANDY SOILS (MORE THAN 85%) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL MIX. INISHED GRADIN
- A. UNLESS OTHERWISE CONTRACTED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF TOPSOIL AND THE ESTABLISHMENT OF FINE-GRADING WITHIN THE DISTURBANCE AREA OF THE
- B. LANDSCAPE CONTRACTOR SHALL VERIFY THAT SUBGRADE FOR INSTALLATION OF TOPSOIL HAS BEEN ESTABLISHED. THE SUBGRADE OF THE SITE MUST MEET THE FINISHED GRADE LESS THE REQUIRED TOPSOIL THICKNESS (1"±).
- C. ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN AND UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE AS DEPICTED WITHIN THIS SET OF CONSTRUCTION PLANS, UNLESS OTHERWISE DIRECTED 13. CLEANUE BY THE PROJECT ENGINEER OR LANDSCAPE ARCHITECT.
- D. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER IN AND AROUND THE PLANTING BEDS. STANDING WATER SHALL NOT BE PERMITTED IN PLANTING BEDS.
- TOPSOILIN CONTRACTOR SHALL PROVIDE A SIX INCH (6") THICK MINIMUM LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO ACHIEVE THE DESIRED COMPACTED THICKNESS.
- B. ON-SITE TOPSOIL MAY BE USED TO SUPPLEMENT THE TOTAL AMOUNT REQUIRED. TOPSOIL FROM THE SITE MAY BE REJECTED IF IT HAS NOT BEEN PROPERLY REMOVED, STORED AND PROTECTED PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL FURNISH TO THE APPROVING AGENCY AN ANALYSIS OF BOTH IMPORTED AND ON-SITE TOPSOIL TO BE UTILIZED IN ALL PLANTING AREAS. THE PH AND NUTRIENT LEVELS MAY NEED TO BE ADJUSTED THROUGH SOIL MODIFICATIONS AS NEEDED TO ACHIEVE THE REQUIRED LEVELS AS SPECIFIED IN THE MATERIALS SECTION ABOVE.
- D. ALL PLANTING AND LAWN AREAS ARE TO BE CULTIVATED TO A DEPTH OF SIX INCHES (6"). ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES SECTION ABOVE. THE FOLLOWING SHALL BE TILLED INTO THE TOP FOUR INCHES (4") IN TWO DIRECTIONS (QUANTITIES BASED ON A 1 000 SQUARE FOOT AREA) 1.1. 20 POUNDS 'GROW POWER' OR APPROVED EQUAL 1.2. 20 POUNDS NITRO-FORM (COURSE) 38-0-0 BLUE CHIP
- E. THE SPREADING OF TOPSOIL SHALL NOT BE CONDUCTED UNDER MUDDY OR FROZEN CONDITIONS.

- A. INSOFAR THAT IT IS FEASIBLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THAT THIS IS NOT POSSIBLE, LANDSCAPE CONTRACTOR SHALL PROTECT UNINSTALLED PLANT MATERIAL. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY PLANTS THAT WILL NOT BE PLANTED FOR A PERIOD OF TIME GREATER THAN THREE DAYS SHALL BE HEALED IN WITH TOPSOIL OR MULCH TO HELP PRESERVE ROOT MOISTURE.
- B. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MUDDY OR FROZEN CONDITION.
- C. ANY INJURED ROOTS OR BRANCHES SHALL BE PRUNED TO MAKE CLEAN-CUT ENDS PRIOR TO PLANTING UTILIZING CLEAN. SHARP TOOLS. ONLY INJURED OR DISEASED BRANCHING SHALL BE REMOVED.
- D. ALL PLANTING CONTAINERS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING
- E. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
- F. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN. MUST BE INSTALLED. INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS 1.1. PLANTS: MARCH 15 TO DECEMBER 15
- 1.2. LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1
- G. PLANTINGS REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED DURING THE NEXT APPROPRIATE SEASON AT THE MUNICIPALITY'S DISCRETION. CONTRACTOR SHOULD CONTACT APPROVING AGENCY FOR POTENTIAL SUBSTITUTIONS.
- H. FURTHERMORE, THE FOLLOWING TREE VARIETIES ARE UNUSUALLY SUSCEPTIBLE TO WINTER DAMAGE. WITH TRANSPLANT SHOCK AND THE SEASONAL LACK OF NITROGEN AVAILABILITY. THE RISK OF PLANT DEATH IS GREATLY INCREASED. IT IS NOT RECOMMENDED THAT THESE SPECIES BE PLANTED DURING THE FALL PLANTING SEASON ACER RUBRUM PLATANUS X ACERIFOLIA **BETULA VARIETIES** POPULOUS VARIETIES

DETOENTMALETIED	
CARPINUS VARIETIES	PRUNUS VARIETIES
CRATAEGUS VARIETIES	PYRUS VARIETIES
KOELREUTERIA	QUERCUS VARIETIES
LIQUIDAMBER STYRACIFLUA	TILIA TOMENTOSA
LIRIODENDRON TULIPIFERA	ZELKOVA VARIETIES

- I. PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL. THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACKFILLED IN LAYERS WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY: • 1 PART PEAT MOSS
- 1 PART COMPOSTED COW MANURE BY VOLUME
- 3 PARTS TOPSOIL BY VOLUME • 21 GRAMS 'AGRIFORM' PLANTING TABLETS (OR APPROVED EQUAL) AS FOLLOWS: A) 2 TABLETS PER 1 GALLON PLANT
- B) 3 TABLETS PER 5 GALLON PLANT C) 4 TABLETS PER 15 GALLON PLANT
- D) LARGER PLANTS: 2 TABLETS PER 1/2" CALIPER OF TRUNK
- WATER THOROUGHLY
- K. ALL PLANTS SHALL BE PLANTED SO THAT THE TOP OF THE ROOT BALL. THE POINT AT WHICH THE ROOT FLARE BEGINS, IS SET AT GROUND LEVEL AND IN THE CENTER OF THE PIT. NO SOIL IS TO BE PLACED DIRECTLY ON TOP OF THE ROOT BALL
- ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS OR DRIVEWAYS SHALL BE PRUNED AND MAINTAINED TO A MINIMUM BRANCHING HEIGHT OF 7' FROM GRADE
- M. GROUND COVER AREAS SHALL RECEIVE A 1/4" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING. ALL GROUND COVER AREAS SHALL BE WEEDED AND TREATED WITH A PRE-EMERGENT CHEMICAL AS PER MANUFACTURER'S RECOMMENDATION
- N. NO PLANT, EXCEPT GROUND COVERS, GRASSES OR VINES, SHALL BE PLANTED LESS THAN TWO FEET (2') FROM EXISTING STRUCTURES AND SIDEWALKS.
- O. ALL PLANTING AREAS AND PLANTING PITS SHALL BE MULCHED AS SPECIFIED HEREIN TO FILL THE ENTIRE BED AREA OR SAUCER. NO MULCH IS TO TOUCH THE TRUNK OF THE TREE OR SHRUB.
- P. ALL PLANTING AREAS SHALL BE WATERED IMMEDIATELY UPON INSTALLATION IN ACCORDANCE WITH THE WATERING SPECIFICATIONS AS LISTED HEREIN.

10. TRANSPLANTING (WHEN REQUIRED)

- B. IF PLANTS ARE TO BE STOCKPILED BEFORE REPLANTING, THEY SHALL BE HEALED IN WITH MULCH OR SOIL.
- ADEQUATELY WATERED AND PROTECTED FROM EXTREME HEAT, SUN AND WIND.
- C. PLANTS SHALL NOT BE DUG FOR TRANSPLANTING BETWEEN APRIL 10 AND JUNE 30.
- E. TRANSPLANTS SHALL BE GUARANTEED FOR THE LENGTH OF THE GUARANTEE PERIOD SPECIFIED HEREIN.
- F. IF TRANSPLANTS DIE, SHRUBS AND TREES LESS THAN SIX INCHES (6") DBH SHALL BE REPLACED IN KIND. TREES GREATER THAN SIX INCHES (6") DBH MAY BE REQUIRED TO BE REPLACED IN ACCORDANCE WITH THE MUNICIPALITY'S TREE REPLACEMENT GUIDELINES.

11. WATERING

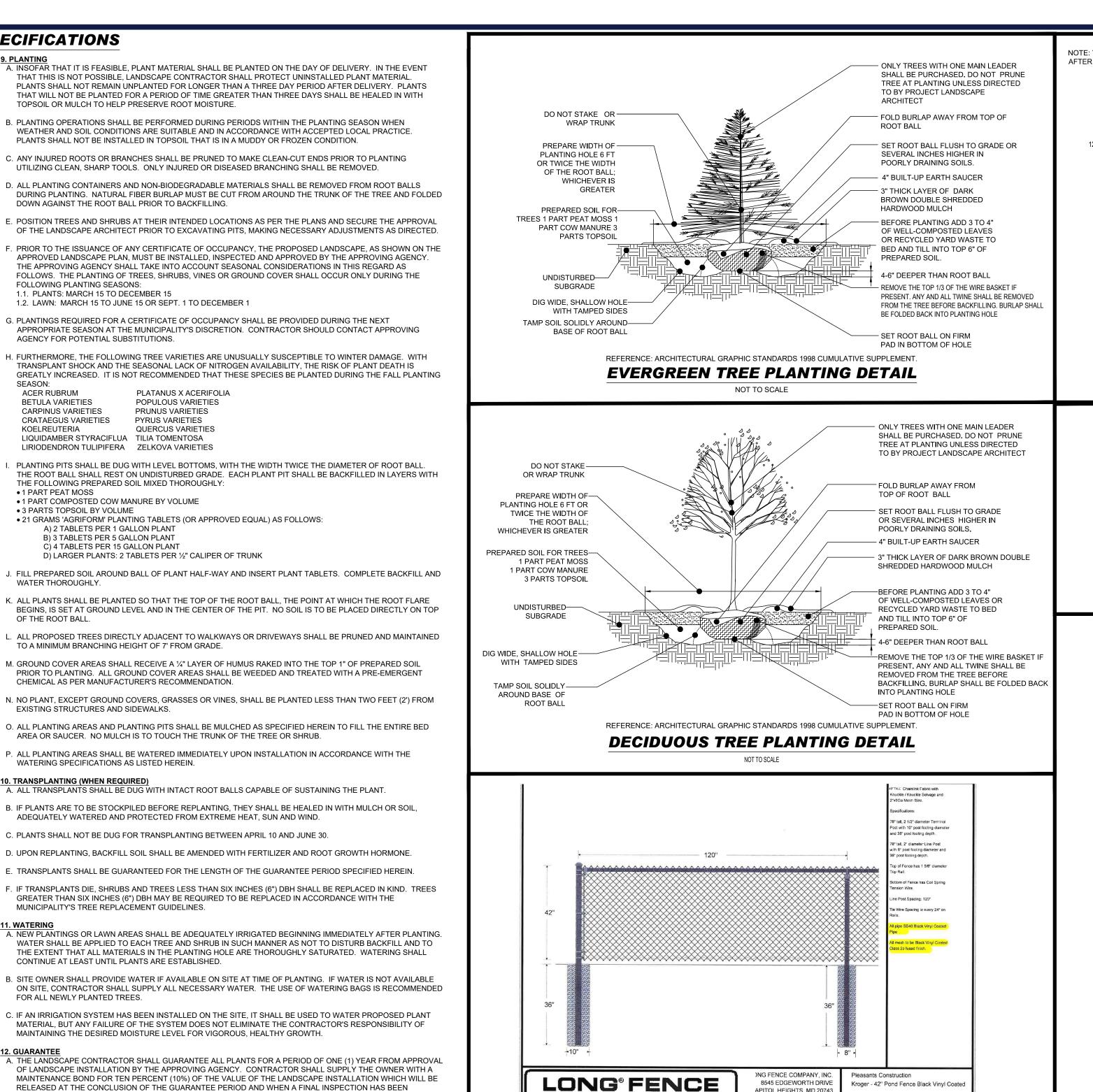
- A. NEW PLANTINGS OR LAWN AREAS SHALL BE ADEQUATELY IRRIGATED BEGINNING IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED. WATERING SHALL CONTINUE AT LEAST UNTIL PLANTS ARE ESTABLISHED
- B. SITE OWNER SHALL PROVIDE WATER IF AVAILABLE ON SITE AT TIME OF PLANTING. IF WATER IS NOT AVAILABLE ON SITE, CONTRACTOR SHALL SUPPLY ALL NECESSARY WATER. THE USE OF WATERING BAGS IS RECOMMENDED FOR ALL NEWLY PLANTED TREES.
- C. IF AN IRRIGATION SYSTEM HAS BEEN INSTALLED ON THE SITE, IT SHALL BE USED TO WATER PROPOSED PLANT MATERIAL BUT ANY FAILURE OF THE SYSTEM DOES NOT ELIMINATE THE CONTRACTOR'S RESPONSIBILITY OF MAINTAINING THE DESIRED MOISTURE LEVEL FOR VIGOROUS. HEALTHY GROWTH.

12. GUARANTE

- A. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE APPROVING AGENCY. CONTRACTOR SHALL SUPPLY THE OWNER WITH A MAINTENANCE BOND FOR TEN PERCENT (10%) OF THE VALUE OF THE LANDSCAPE INSTALLATION WHICH WILL BE RELEASED AT THE CONCLUSION OF THE GUARANTEE PERIOD AND WHEN A FINAL INSPECTION HAS BEEN COMPLETED AND APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.
- B. ANY DEAD OR DYING PLANT MATERIAL SHALL BE REPLACED FOR THE LENGTH OF THE GUARANTEE PERIOD. REPLACEMENT OF PLANT MATERIAL SHALL BE CONDUCTED AT THE FIRST SUCCEEDING PLANTING SEASON. ANY DEBRIS SHALL BE DISPOSED OF OFF-SITE, WITHOUT EXCEPTION.
- C. TREES AND SHRUBS SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION AND THROUGHOUT THE 90 DAY MAINTENANCE PERIOD AS SPECIFIED HEREIN. CULTIVATION, WEEDING, WATERING AND THE PREVENTATIVE TREATMENTS SHALL BE PERFORMED AS NECESSARY TO KEEP PLANT MATERIAL IN GOOD CONDITION AND FREE OF INSECTS AND DISEASE.
- D. LAWNS SHALL BE MAINTAINED THROUGH WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING AND OTHER OPERATIONS SUCH AS ROLLING, REGARDING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH. ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.

A UPON THE COMPLETION OF ALL LANDSCAPE INSTALLATION AND BEFORE THE FINAL ACCEPTANCE. THE CONTRACTOR SHALL REMOVE ALL UNUSED MATERIALS, EQUIPMENT AND DEBRIS FROM THE SITE. ALL PAVED AREAS ARE TO BE CLEANED.

B. THE SITE SHALL BE CLEANED AND LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE



Kroger - 42" Pond Fence Black Vinyl Coate

APITOL HEIGHTS, MD 2074

)rawn: 2/11/202

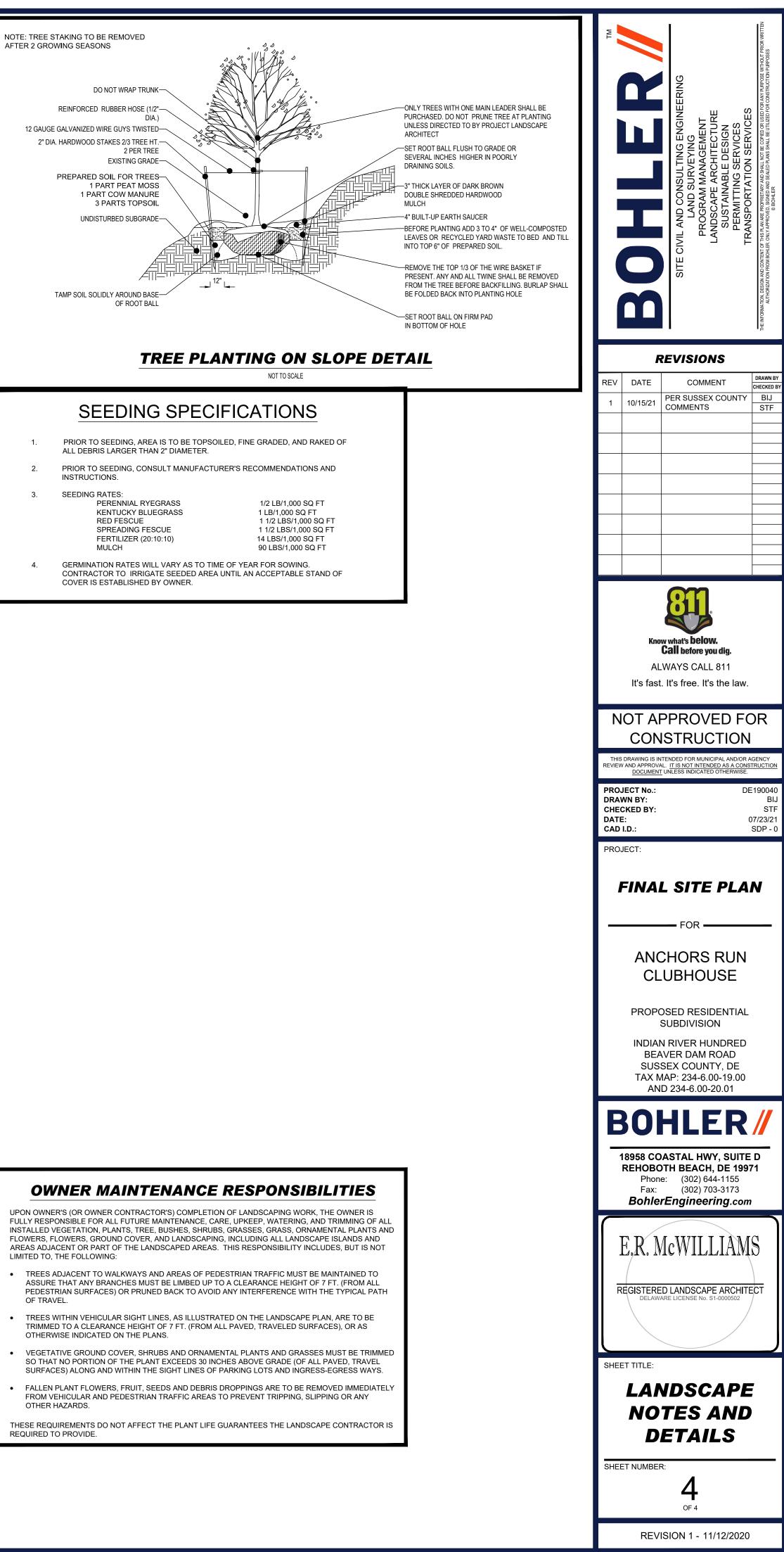
42" Chainlink Line of Fence

(301) 350-240

LIMITED TO, THE FOLLOWING:

OF TRAVEL

OTHER HAZARDS.





AGRICULTURAL PRESERVATION DISTRICT APPLICATION

Return to: The Delaware Agricultural Lands Preservation Foundation

2320 S DuPont Highway, Dover, DE 19901

File# **S-21-10-297**

Date 10-11-21

Phone (302)698-4530, or Toll Free in DE Only (800)282-8685

Name of Petitioner(s) WEBB FAMILY FARMS, LLC

	Er	nail Address:	CKWMS14@GMAIL	.COM
Mailing Address	27559 MEDALLION AVENU	E		
	MILLSBORO, DE 19966			
Primary Contact Pe	erson KEVIN WILLIAMS Pref	erred Contact	Number: 302-841-06	36
Farm Location SUS	SEX	То	tal Acreage of Farm 2	250.51
Adjoining Roads U	NION CHURCH & TRUITT R	OADS; BEAC	H HIGHWAY	
County Tax Parcel	Number(s) 230-25.00-29.00 (250).51A)		
	AD 1			
Zoning Designation (call County Planning for zon			Type of Farm Operation	ation: AG
			Type of Farm Operation	ation: AG
(call County Planning for zon		Acres	Type of Farm Operation	ation: AG Acres
(call County Planning for zon	ing designation)	Acres Acres		
(call County Planning for zon	uing designation) Jse Crop Land <u>125.51</u>		Aquaculture	Acres
(call County Planning for zon	uing designation) Jse Crop Land <u>125.51</u> Woodland <u>125</u>	Acres	Aquaculture Pasture Land	Acres Acres
(call County Planning for zon	Jse Crop Land <u>125.51</u> Woodland <u>125</u> Farmland Structures Residence	Acres Acres Acres	Aquaculture Pasture Land Tidal Wetlands Other (specify)	Acres Acres Acres

Easements/Rights-of-Way (if any)

Does the farm have a certified nutrient management plan? Yes X No

Is any portion of the proposed District/Expansion currently subject to subdivision? Yes X No

Is the property land locked? (no road frontage) [Yes X No If yes please provide access rights documentation

District Name You Would Prefer: WEBB FAMILY FARMS DISTRICT

Monitor Zone 11 Do you wish to have your farm appraised for the next round of Aglands easement selections? X Yes No

WEBB FAMILY FARMS DISTRICT

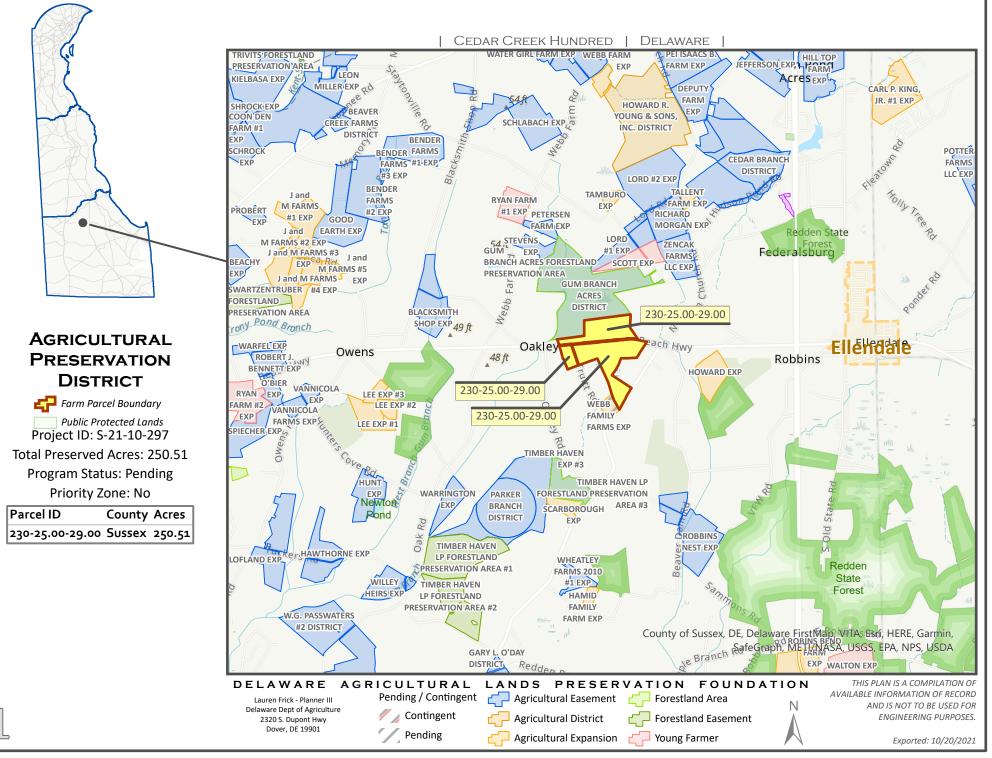


EXHIBIT A

WEBB FAMILY FARMS DISTRICT

12.00

36.9Ac

12.00

164.3Ac

15,00

140.7AC

18.01

41AC 2.00

Project ID: S-21-10-297 Total Preserved Acres: 250.51

Parcel ID	County	Acres
230-25.00-29.00	Sussex	250.51

50 feet

IS THE 50' BOUNDARY LINE FROM AG DISTRICT; NO BUILDINGS FOR NON-AG PURPOSES CAN BE CONSTRUCTED INSIDE THIS AREA. "FOR ANY NEW SUBDIVISION DEVELOPMENT LOCATED IN WHOLE OR IN PART WITHIN FIFTY (50) FEET OF THE BOUNDARY OF AN AGRICULTURAL PRESERVATION DISTRICT, NO IMPROVEMENT REQUIRING AN OCCUPANCY APPROVAL SHALL BE CONSTRUCTED WITHIN FIFTY (50) FEET OF THE BOUNDARY OF THE AGRICULTURAL PRESERVATION DISTRICT," PURSUANT TO 3 DEL. C. ss910 (a) (2)

300 feet

IS THE 300' BOUNDARY LINE; NOTICE MUST BE GIVEN TO ALL NEW HOMEOWNERS IN NEW SUBDIVISIONS FILED AFTER THE APPROVAL DATE OF THIS DISTRICT. "FOR ANY NEW SUBDIVISION DEVELOPMENT LOCATED IN WHOLE OR IN PART WITHIN THREE HUNDRED (300) FEET OF THE BOUNDARY OF AN AGRICULTURAL PRESERVATION DISTRICT, THE OWNER SHALL PROVIDE IN THE DEED RESTRICTIONS AND ANY LEASES OR AGREEMENTS OF SALE FOR ANY RESIDENTIAL LOT OR DWELLING UNIT THE FOLLOWING NOTICE: 'AGRICULTURAL PRESERVATION DISTRICT: THIS PROPERTY IS LOCATED IN THE VICINITY OF AN ESTABLISHED AGRICULTURAL PRESERVATION DISTRICT IN WHICH NORMAL AGRICULTURAL USES AND ACTIVITIES HAVE BEEN AFFORDED THE HIGHEST PRIORITY USE STATUS. IT CAN BE ANTICIPATED THAT SUCH AGRICULTURAL USES AND ACTIVITIES MAY NOW OR IN THE FUTURE INVOLVE NOISE DUST, MANURE AND OTHER ODORS, THE USE OF AGRICULTURAL CHEMICALS AND NIGHTTIME FARM OPERATIONS. THE USE AND ENIOYMENT OF THIS PROPERTY IS EXPRESSLY CONDITIONED ON ACCEPTANCE OF ANY ANNOYANCE OR INCONVENIENCE WHICH MAY RESULT FROM SUCH NORMAL AGRICULTURAL USE ACTIVITIES."" PURSUANT TO 3 DEL. C. ss910 (a) (1)



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2.012.00 4.00 86.2AC 1.00 60.3Ac 102.6AC 12.00 1.00 108.1A_C 1.07 STONVILLE-ROAD 5.00 127.2Ac 4.00 77.9Ac 2.00 395.7AC 3.00 1.00 79.7AC 13.00 61.4AC 40.9AC 230-25.00-29.00 7.02 230-25.00-29.00 01 14.00 1.00 56.6AC 13.10 CENTURY. 31.7AC 11.6AC R.03 8.00 9.00 R.07 79.7Ac 4.05 56.6Ac 3.00 52Ac 173Ac 8.0. 7.00 6.00 8.02 230-25.00-29.00 SIAC 21AC Ì .05 5.06 01 1.1AC 6.02 10.00 5 00 5.0 9.00 10.001. 6.04 24.00 11.00 8 5.24 SPRUCEROAD 6.00 9.01 24.01 12.00 0.4Ac 6.01 95.01 44.1Ac 21.00 5.11 5.00 ъ رى 63.7AC 13.02 10.00 ΪÅ 2.05 13 13.00 .0 17.01 30.00 40.7AC 76.14 77.00 14 TRUITT-ROAD 51.3Ac 13.04 5.10 13.06 12.7A 13.3AC 10.8A 76.06 9.07 16.00 5.26 43.1AC 13.03 R2.JAC 21Ac 17.00 10.6Ac 24Ac 8 1.00 10.01 ∕`, 32.4A 19.021 ō, 32.4Ac SPC 10.02 21.3AC 120,2202 1.01 00.00 9. ??? 20.02 10.0014 00. O.O. 10.8AC 177<u>.00</u> Redden 62.3Ac 10.03 11.00 77.00 179.00 180.00 181.00 182.00 13.07 1 State 4.01 101.3AC A.00 .02 8.00 10.04 87.3Ac Forest 29.4Ac 10.00 14.8AC 11.3AL 10.05 183.0 184.00 14.00 98.5AC 107.8AC 107.8A 5.02 21.1AC 10.06 43.6Ac 10.07 10.01 15AC 8.00 197.4A 10.08 98.5AC 14.00 44 11.00 12.8AC 217.6AC 3.01 3.00 5 18.3AC 33.02 <. Safeg 35.8AC 14.01 15.00 79Ac .00 ELLENDALE FOREST DAD 7.01 189.7Ac 19.00 8A 20.00 × 13.9Ac 30.3Ac

> DELAWARE AGRICULTURAL LANDS PRESERVATION FOUNDATION HEREBY CERTIFIES THAT THE PROPERTIES SHOWN AND DESCRIBED ON THIS PLAN, AND SUBJECT TO AN AGRICULTURAL PRESERVATION DISTRICT AGREEMENT FILED AND RECORDED WITH THE RECORDER OF DEEDS IN AND FOR SUSSEX COUNTY, DELAWARE, CONSTITUTE AN AGRICULTURAL PRESERVATION DISTRICT AS PROVIDED IN LEGAL REF. 3 DEL. C. CHAP. 9. FURTHER, I WITNESS THAT THIS DISTRICT HAS BEEN PROPERLY APPROVED AND THAT THE FOUNDATION DESIRES THAT THIS PLAN BE RECORDED ACCORDING TO LAW.

CHAIRMAN OR AUTHORIZED DESIGNEE DELAWARE AGRICULTURAL LANDS PRESERVATION FOUNDATION 2.00

S

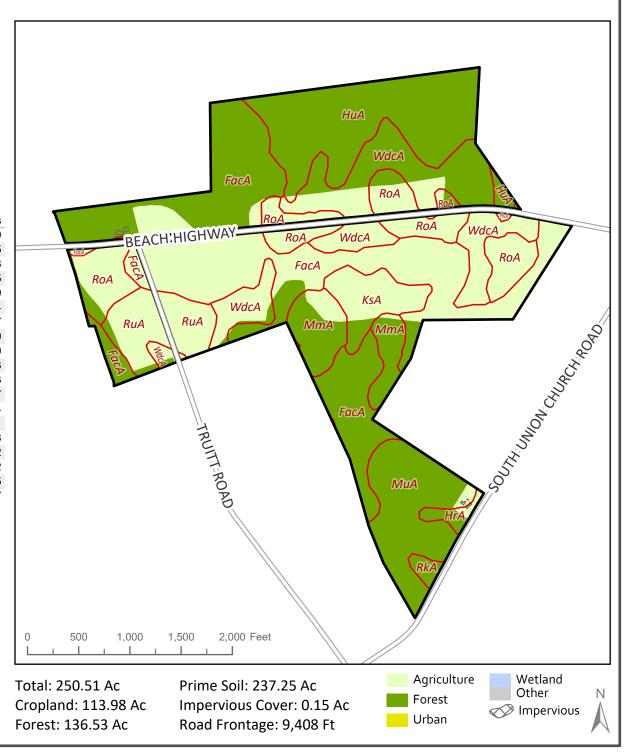
Project ID: S-21-10-297

WEBB FAMILY FARMS DISTRICT

NRCS Soils Present

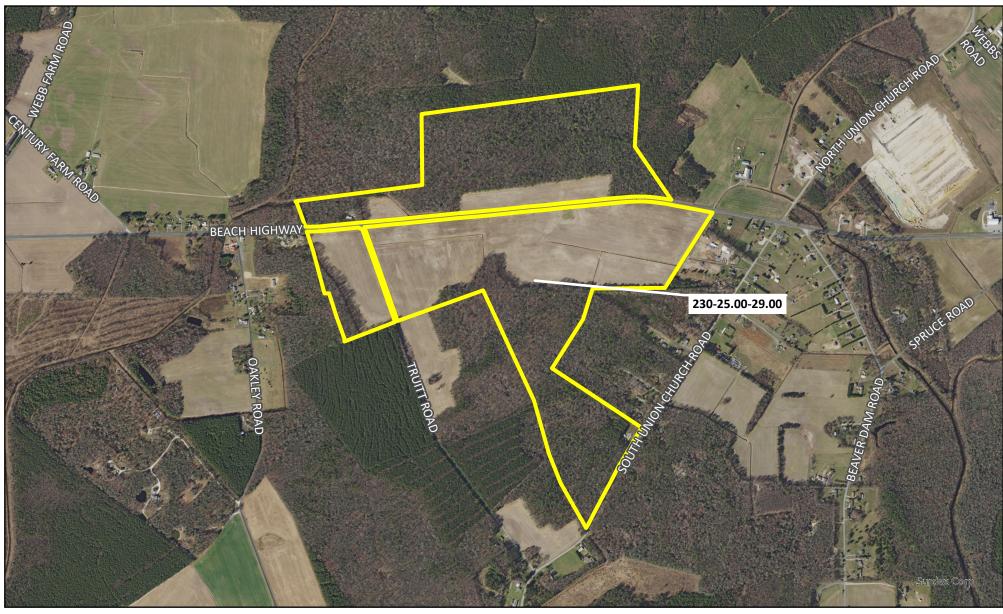
- FacA, Fallsington sandy loams, o to 2 percent slopes, Mid-Atlantic Coastal Plain
- HrA, Henlopen-Rosedale complex, o to 2 percent slopes
- HuA,Hurlock loamy sand, o to 2 percent slopes
- KsA,Klej loamy sand, o to 2 percent slopes
- MmA,Mullica mucky sandy loam, o to 2 percent slopes
- MuA, Mullica-Berryland complex, o to 2 percent slopes
- RkA,Rockawalkin loamy sand, o to 2 percent slopes
- RoA,Rosedale loamy sand, o to 2 percent slopes
- RuA,Runclint loamy sand, o to 2 percent slopes
- UdcA, Woodstown sandy loam, o to 2 percent slopes, Mid-Atlantic Coastal Plain

Parcel ID	Class	Soil	Rating	Acres
230-25.00-29.00	Agriculture	FacA	Farmland of statewide importance	43.720
230-25.00-29.00	Agriculture	HrA	Prime farmland if irrigated	0.575
230-25.00-29.00	Agriculture	HuA	Farmland of statewide importance	0.308
230-25.00-29.00	Agriculture	KsA	Farmland of statewide importance	8.305
230-25.00-29.00	Agriculture	MmA	Prime farmland if drained	2.039
230-25.00-29.00	Agriculture	MuA	Prime farmland if drained	0.664
230-25.00-29.00	Agriculture	RoA	Prime farmland if irrigated	22.857
230-25.00-29.00	Agriculture	RuA	Not prime farmland	12.460
230-25.00-29.00	Agriculture	WdcA	All areas are prime farmland	23.050
230-25.00-29.00	Forest	FacA	Farmland of statewide importance	44.983
230-25.00-29.00	Forest	HrA	Prime farmland if irrigated	1.463
230-25.00-29.00	Forest	HuA	Farmland of statewide importance	37.047
230-25.00-29.00	Forest	KsA	Farmland of statewide importance	1.384
230-25.00-29.00	Forest	MmA	Prime farmland if drained	10.651
230-25.00-29.00	Forest	MuA	Prime farmland if drained	21.268
230-25.00-29.00	Forest	RkA	Prime farmland if irrigated	1.442
230-25.00-29.00	Forest	RoA	Prime farmland if irrigated	2.572
230-25.00-29.00	Forest	RuA	Not prime farmland	0.795
230-25.00-29.00	Forest	WdcA	All areas are prime farmland	14.927



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WEBB FAMILY FARMS DISTRICT



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EXHIBIT B

S-21-10-297

Parcel IDDwellings Residential AcresRoad FrontageAcres230-25.00-29.00009,408 ft250.51

Farms in Agricultural Preservation are allowed 1 acre of residential land use for every 20 total acres, with a minimum of 1 and maximum of 10 acres. Up to 3 dwellings may be placed on the residential acres. Allowances may be further assigned to parcels by subsequent acknowledgements. Refer to the district agreement, easement, and any recorded acknowledgments for current allowances.

0

1,000

N

2,000 Feet

4