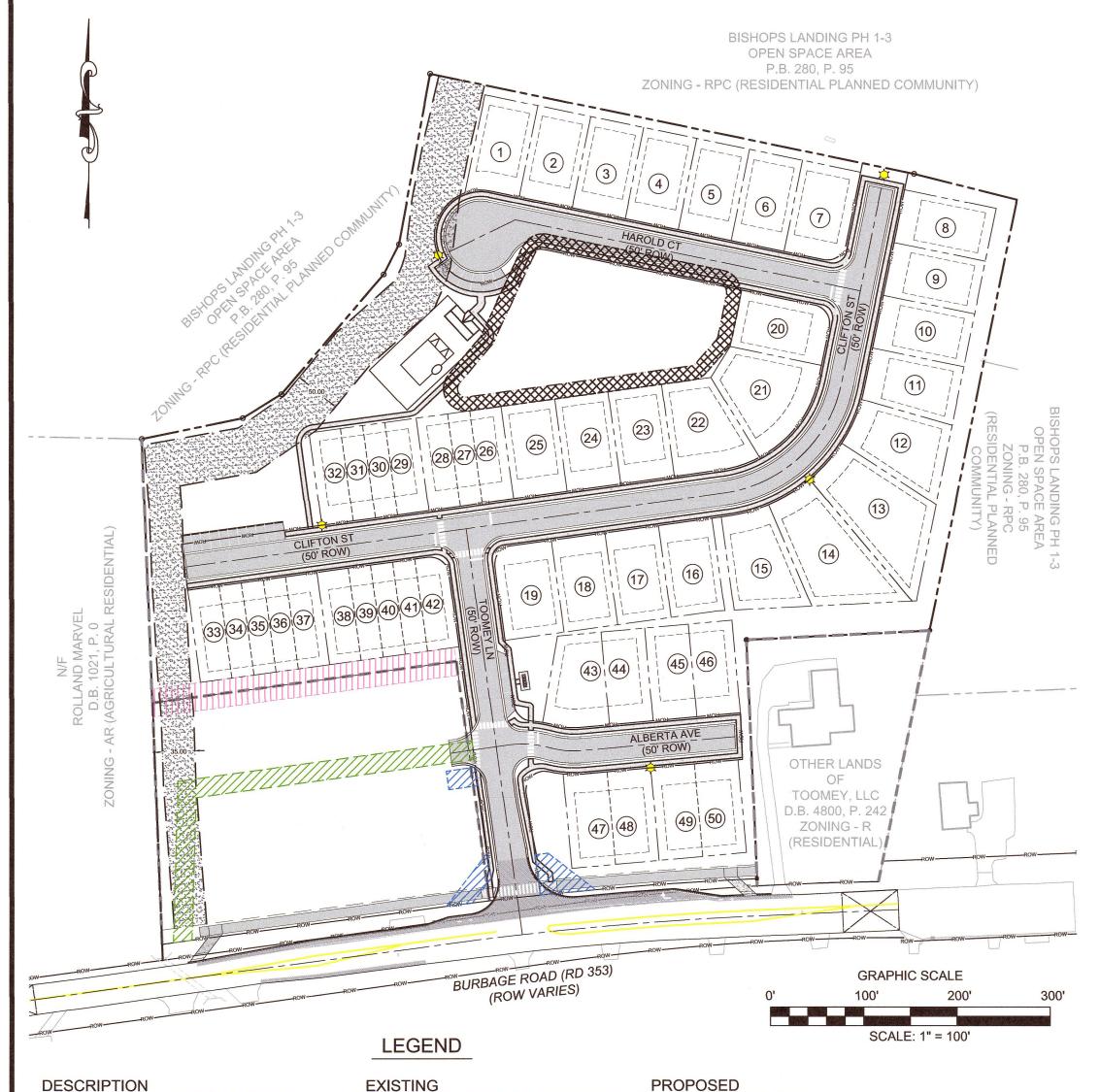
CONSTRUCTION PLANS WESTBURY

BALTIMORE HUNDRED SUSSEX COUNTY, DELAWARE PREPARED FOR: CHRISTOPHER LAND, LLC



PAVEMENT

ROAD CENTERLINE

RIGHT-OF-WAY

PROPERTY LINE

SANITARY SEWER

SANITARY SEWER MANHOLE

FLOW DIRECTION ARROW

8' WIDE WALKING PATH

5' WIDE SIDEWALK

STORMDRAIN PIPE

WATER LINE

FIRE HYDRANT

CATCH BASIN

STREET LIGHTS

STREET SIGNS

BUILDING RESTRICTION LINE

TAX DITCH RIGHT OF WAY

TAX DITCH BUFFER

EASEMENT

TREE LINE

ZONING LINE

CONSTRUCTION NOTES

- THESE DRAWINGS SHOW INFORMATION OBTAINED FROM THE AVAILABLE
- 2. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, TIDEWATER UTILITIES INCORPORATED (TUI) SPECIFICATIONS, LOCAL BUILDING CODES, AND THE STANDARD SPECIFICATIONS.
- WATER LINES WILL BE INSTALLED AT A DEPTH THAT WILL PROVIDE 48" COVER OVER THE PIPES BELOW PROPOSED GRADE UNLESS SHOWN OTHERWISE ON
- ALL DISTURBED AREAS SHALL BE SMOOTHLY GRADED TO PROMOTE POSITIVE DRAINAGE AND STABILIZED WITH TOPSOIL. SEED AND MULCH. IF SETTLEMENT OCCURS, TOPSOIL, SEEDING AND MULCH SHALL BE REPEATED UNTIL SETTLEMENT SUBSIDES. (SEE EROSION AND SEDIMENT CONTROL
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING TWO (2) WEEKS PRIOR TO THE START OF CONSTRUCTION AND SHALL COORDINATE ALL CONSTRUCTION

TOWN OF MILLVILLE 1-302-539-0449 MISS UTILITIES.....1-800-282-8555

SHOULD ANY DAMAGE OCCUR TO EXISTING UTILITIES, IT SHALL BE REPAIRED SOLELY AT THE CONTRACTOR'S EXPENSE.

- CONTRACTOR SHALL CONTACT DELAWARE ELECTRIC COOPERATIVE AT 1-302-349-9090 PRIOR TO COMMENCING WORK WITHIN THE PROXIMITY OF OVERHEAD HIGH-VOLTAGE POWER LINES.
- 7. ALL DRAINAGE STRUCTURES AND TRENCHES SHALL REMAIN FUNCTIONAL
- 8. THE OWNER IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENT. BOTH
- 9. ALL WATER VALVES, BOXES AND HYDRANTS SHALL BE SET AND ADJUSTED TO
- 10. TRENCHES SHALL NOT REMAIN OPEN OVERNIGHT. IF IT IS NECESSARY FOR TRENCHES TO REMAIN OPEN, STEEL PLATES CAPABLE OF BEARING TRAFFIC SHALL BE USED TO COMPLETELY COVER THE TRENCH OPENINGS.
- 11. WATER MAINS SHALL HAVE A MINIMUM 10 FOOT HORIZONTAL AND 18 INCH VERTICAL SEPARATION FROM SANITARY SEWER. WHERE MINIMUM VERTICAL SEPARATION DISTANCES CANNOT BE MAINTAINED. SANITARY SEWER MATERIALS SHALL BE WATER WORKS GRADE 150 PSI PRESSURE RATED PIPE MEETING AWWA STANDARDS. PRESSURE TEST RESULTS SHALL BE PROVIDED ON THE AS-BUILT DRAWINGS.
- 12. THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR ANY DEVIATION FROM
- 13. ANY PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE REPLACED SOLELY AT THE CONTRACTOR'S EXPENSE.
- 14. THE CONTRACTOR SHALL VERIFY EXISTING INVERTS PRIOR TO CONSTRUCTION OF UNDERGROUND UTILITIES. TEST PITTING OF EXISTING LINES PRIOR TO CONSTRUCTION, IF NECESSARY, SHALL BE COORDINATED WITH THE OWNER.
- 15. THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL SURVEY CONTROL PRIOR TO STAKING OUT CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH WORK.

GENERAL NOTES:

- THE SIDEWALK AND MULTI-USE PATH SHALL BE MAINTAINED BY THE DEVELOPER. THE STATE AND/OR TOWN OF MILLVILLE ASSUMES NO MAINTENANCE RESPONSIBILITY OF THE SIDEWALK AND MULTI-USE PATH.
- 2. MAINTENANCE OF THE STREETS WILL BE THE RESPONSIBILITY OF THE DEVELOPER. THE STATE AND/OR TOWN OF MILLVILLE ASSUMES NO RESPONSIBILITY FOR THE FUTURE MAINTENANCE OF THESE STREETS.
- 3. THE SUSSEX CONSERVATION DISTRICT RESERVES THE RIGHT TO ADD, MODIFY OR DELETE ANY EROSION AND SEDIMENT CONTROL MEASURES AT IT DEEMS NECESSARY.
- 4. THE SUSSEX CONSERVATION DISTRICT RESERVES THE RIGHT TO ENTER PRIVATE PROPERTY FOR PURPOSES OF
- 5. PUBLIC OPEN SPACE, GREEN SPACE, STORMWATER MANAGEMENT AREAS, SIDEWALKS, MULTI USE PATH AND STREETS NOT DEDICATED SHALL BE MAINTAINED BY THE DEVELOPER.
- 6. THE DEVELOPER HEREBY GRANTS A SEWER EASEMENT IN FAVOR OF SUSSEX COUNTY WHICH INCLUDES ALL ROADWAYS, STREETS, ALLEYS FOR THE PURPOSE TO CONSTRUCT, MAINTAIN AND REPAIR UNDERGROUND PIPE, LINES AND MAINS FOR THE PURPOSE OF CONVEYING SEWER THROUGH THE LANDS. ADDITIONAL RIGHTS AND RESPONSIBILITIES OF SUSSEX COUNTY WILL BE MORE FULLY DETAILED IN A SEPARATE DEED OF EASEMENT TO BE
- 7. THE DEVELOPER HEREBY GRANTS A WATER EASEMENT IN FAVOR OF TIDEWATER UTILITIES, INC., WHICH INCLUDES ALL ROADWAYS, STREETS, ALLEYS FOR THE PURPOSE TO CONSTRUCT, MAINTAIN AND REPAIR UNDERGROUND PIPE, LINES AND MAINS FOR THE PURPOSE OF CONVEYING WATER SERVICE TO THE RESIDENTIAL AREAS SHOWN. ADDITIONAL RIGHTS AND RESPONSIBILITIES OF TIDEWATER UTILITIES, INC. WILL BE MORE FULLY DETAILED IN A SEPARATE DEED OF EASEMENT TO BE RECORDED.
- 8. ALL LOTS SHALL BE CONNECTED TO THE COMMUNITY-WIDE OPEN SPACE NETWORK VIA SIDEWALKS, PATHWAYS, AND/OR PUBLIC STREETS. A PLANNED OPEN SPACE OF ONE QUARTER ACRE OR LARGER - INCLUDING OPEN GREENS, POCKET PARKS, SEATING AREAS AND TRAILS - MUST BE WITHIN 1,500 FEET OF EVERY SINGLE-FAMILY DETACHED LOT MEASURED FROM THE CENTER OF THE LOT TO THE CENTER OF THE OPEN SPACE.
- 9. STREET LIGHTING DESIGN AND LAYOUT WILL BE PROVIDED BY DELAWARE ELECTRIC COOPERATIVE (DEC).



SITE DATA COLUMN

- PROPERTY INFORMATION/OWNER: TOOMEY, LLC 36003 BURBAGE ROAD FRANKFORD, DE 19945 TAX PARCEL NO: T.P. 134-12.00-376.00 TOTAL AREA: 13.90 +/- ACRES D.B. 3894, PG. 205
- DEVELOPER/APPLICANT: THE CHRISTOPHER COMPANIES (CHRISTOPHER LAND, LLC) 10461 WHITE GRANITE DRIVE, SUITE 250 OAKTON, VA 22124 (703) 352-5950
- CIVIL ENGINEERING ASSOCIATES, LLC 55 WEST MAIN STREET MIDDLETOWN, DE 19709 (302) 376-8833
- AGENCY: SUSSEX CONSERVATION DISTRICT 23818 SHORTLY ROAD GEORGETOWN, DE 19947 (302) 856-2105
- 5. EXISTING ZONING: RPC (RESIDENTIAL PLANNED COMMUNITY)
- PROJECT BENCHMARK: ELEV. = 15.27
- BUILDING TYPE: FRAME

		150	SIGN	MI	//	
BUILDING SETBACKS:	.05	UNITS &	OT DESIGN	M. LOT WI	20NT S	D
LOT TYPE	#0	/ ") N	, F	/ 5	,\\ <u>\</u>
SINGLE FAMILY*	25 (50%)	Α	58'	20'	7'	
VILLAS	8 (16%)	В	47'	20'	10'	
TOWNHOUSES	17 (34%)	С	24'	20'	10'	
TOTAL	50 (100%)					
*MIN. 40% SINGLE FAMILY REQUIRED IN RPC ZONING.						

605,444.74 S.F. +/- = 13.90 AC. +/-

511,213.16 S.F. +/- = 11.74 AC. +/-250,753.42 S.F. +/- = 5.76 AC. +/-

94,231.58 S.F. +/- = 2.16 AC. +/-5,740.34 S.F. +/- = 0.13 AC. +/-

4,949.36 S.F. +/- = 0.11 AC. +/-

3,179.38 S.F. +/- = 0.07 AC. +/-

4,927.37 S.F. +/- = 0.11 AC. +/-

106,838.28 S.F. +/- = 2.45 AC. +/-

28,945.38 S.F. +/- = 0.66 AC. +/-

145,514.71 S.F. +/- = 3.34 AC. +/-

474,161.03 S.F. +/- = 10.89 AC. +/-

- 9. MAXIMUM BUILDING HEIGHT: 42 FT (MPC CODE)
- PROPOSED USE: RESIDENTIAL
- 11. AREAS:

TOTAL AREA COMMERCIAL AREA COM. ROW DEDICATION COM. PERMANENT EASEMENT **GROSS RESIDENTIAL AREA**

LOT AREA **RES. ROW DEDICATION** RES. PERMANENT EASEMENT TOWN/PRIVATE ROW STORMWATER AREA (SWM) OPEN SPACE AREA (INC. SWM)

NET RESIDENTIAL AREA

12. LOTS: NUMBER OF DWELLING UNITS PERMITTED: 47,4161.03 S.F. / 5,000 S.F. = 94 LOTS 10.89 AC. * 6.2 = 67 LOTS LOTS PERMITTED = 67 LOTS LOTS PROPOSED = 50 LOTS

> 50 RESIDENTIAL LOTS DENSITY = 4.59 +/- LOTS/ACRE (50 LOTS/10.89 ACRES)

OFF-STREET PARKING REQUIRED: 2 SPACES PER DWELLING UNIT (2 SPACES)*(50 UNITS) = 100 PARKING SPACES **OVERFLOW PARKING REQUIRED:** 0.5 SPACES PER DWELLING UNIT (0.5 SPACES)*(50 UNITS) = 25 PARKING SPACES TOTAL REQUIRED PARKING = 125 PARKING SPACES

OFF-STREET PARKING PROPOSED: 3 SPACES PER DWELLING UNIT (3 SPACES)*(50 UNIT) = 150 PARKING SPACES 17 PARKING LOT SPACES

TOTAL PROPOSED PARKING = 167 PARKING SPACES 14. UTILITIES:

15. FIRE LANES: ALL FIRE LANES, FIRE HYDRANTS AND FIRE CONNECTIONS SHALL BE MARKED

IN ACCORDANCE WITH DELAWARE FIRE PREVENTION REGULATIONS.

SANITARY SEWER: SUSSEX COUNTY

WATER: TIDEWATER UTILITIES

16. THE SITE IS NOT IMPACTED BY THE 100-YEAR FLOODPLAIN PER FEMA MAP NO. 10005C0495K DATED MARCH 16, 2015 AND FEMA MAP NO. 10005C0511K DATED

SITE DATA COLUMN CONTINUED

- A WETLAND DELINEATION WAS PERFORMED BY JAMES C. MCCULLEY WATERSHED ECO, LLC IN JULY 2021. THERE ARE NO WETLANDS ON SITE
- 18. OPEN SPACE: REQUIRED = NO LESS THAN 20% OF THE GROSS AREA = (11.74 AC.)*(0.20) = 2.35 AC.PROVIDED = 3.34 AC. (3.34 AC./11.74 AC. = 0.28 = 28%)

REQUIRED = 25% OF REQUIRED OPEN SPACE = (2.35 AC.)*(0.25) = 0.59 AC. PROVIDED = 0.68 AC.

- 19. TOPOGRAPHIC REFERENCE: U.S.G.S. VERTICAL DATUM NAVD 88 U.S.G.S. HORIZONTAL DATUM NAVD 83 SPC
- 20. BOUNDARY AND TOPOGRAPHY: BOUNDARY & TOPOGRAPHY WAS PERFORMED BY CIVIL ENGINEERING ASSOCIATES IN OCTOBER 2021.
- 21. COMMERCIAL AREA WILL BE SUBMITTED FOR SITE PLAN APPROVAL AT A LATER DATE.

INDEX OF DRAWINGS

COVER SHEET **EXISTING CONDITIONS PLAN** GRADING PLAN PARKING AREAS RD-2 THROUGH RD-5 ROAD & PROFILES STORMWATER MANAGEMENT PLAN UTILITY PLAN L-1 & L-2 LANDSCAPE PLAN

D-1 THROUGH D-3 CONSTRUCTION DETAILS WETLANDS CERTIFICATION

THIS PROPERTY HAS BEEN EXAMINED BY JAMES C. McCULLEY IV, PWS, FOR THE PRESENCE OF WATERS OF THE UNITED STATES INCLUDING WETLANDS (SECTION #404 AND SECTION 10), STATE SUBAQUEOUS LANDS AND STATE TIDAL WETLANDS BASED ON THE CRITERIA SET FORTH BY THE REVIEWING AGENCIES IN THE FORM OF MANUALS, POLICIES, AND PROCEDURES IN PLACE AT THE TIME THE INVESTIGATION WAS CONDUCTED ANY OF THE ABOVE RESOURCES THAT WERE FOUND ON THE PROPERTY ARE CLEARLY MAPPED ON THIS PLAN IN ACCORDANCE WITH OUR FIELD INVESTIGATIONS AND DETAILED IN REPORTS BY JAMES C. McCULLEY IV, PWS, USING THE BEST



CERTIFICATION OF OWNERSHIP:

I HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY DESCRIBED AND SHOWN ON THIS PLAN, THAT THE PLAN WAS MADE AT MY DIRECTION, THAT ALL STREETS HEREON AND NOT HERETOFORE DEDICATED ARE TO BE DEDICATED TO THE PUBLIC USE AND OWNERSHIP TRANSFERRED TO THE HOMEOWNERS ASSOCIATIONS VIA SEPARATE SUBSEQUENT DEED OF DEDICATION AND TRANSFER, TO BE APPROVED BY THE TOWN OF MILLVILLE.

TOOMEY, LLC

CERTIFICATION OF PLAN ACCURACY

I RONALD H. SUTTON, JR. HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF DELAWARE, THAT THE INFORMATION SHOWN HEREON HAS BEEN PREPARED UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF REPRESENTS GOOD SURVEYING PRACTICES AS REQUIRED BY APPLICABLE LAWS OF THE STATE OF DELAWARE.

RONALD H. SUTTON JR., P.E.

TOWN OF MILLVILLE:

TOWN OF MILLVILLE APPROVAL

SIGNATURE

DECEMBER 11, 2023

DESIGNED BY: APPROVED BY: RHS

P21041 - COVER.DWG SHEET NO .:

