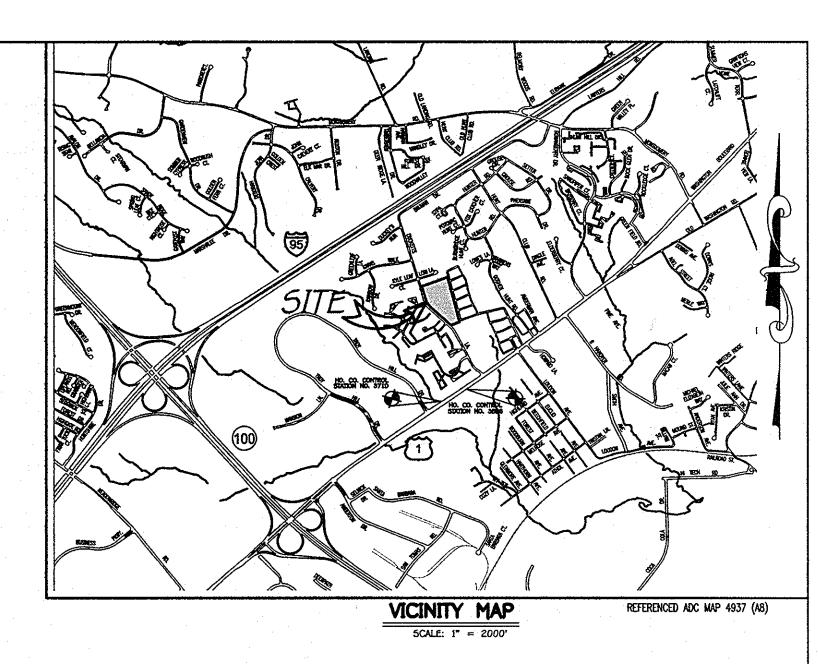


HOWARD COUNTY, MARYLAND



GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE 2. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT 410-313-1880 AT LEAST FIVE WORKING DAYS PRIOR TO START OF WORK

3. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY DIGGING AND EXCAVATION WORK. 4. PROJECT BACKGROUND:

TAX MAP 37, GRID 12

PARCEL NOS. 569 ZONING: THIS PROJECT IS ZONED R-12 PER THE 2/2/04 COMPREHENSIVE ZONING PLAN AND TO THE COMP-LITE ZONING AMENDMENTS DATED 7/28/06. ELECTION DISTRICT: FIRST

SECTION/AREA: N/A SITE AREA: 10.029 AC.+

TRAFFIC CONTROL DEVICES. MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO PLACEMENT OF ANY ASPHALT. 6. ALL PLAN DIMENSIONS ARE TO THE FACE OF CURB OR FACE OF BUILDING UNLESS OTHERWISE NOTED. DIMENSIONS ARE MEASURED PERPENDICULAR OR RADIAL

BETWEEN ITEMS UNLESS OTHERWISE NOTED. 7. THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN SURVEY WITH MAXIMUM TWO FOOT CONTOUR INTERVALS PREPARED BY FISHER, COLLINS AND CARTER INC. DATED JUNE 2011.

8. COORDINATES ARE BASED ON NAD 83 MARYLAND COORDINATES SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS. 371D N 556,907.418 E 1,384,460.988

38D6 N 557,155.445 E 1,384,992.228

9. PUBLIC WATER AND SEWER IS TO BE UTILIZED FOR THIS PROJECT. THE EXISTING WATER AND SEWER SYSTEMS SERVING THIS PROJECT ARE CONTRACT NO. 768-D-W&S. 10. ALL ON-SITE STORM DRAINS UNDER THIS SITE DEVELOPMENT PLAN ARE PRIVATE.

11. THE EXISTING UTILITIES SHOWN HEREON WERE DERIVED FROM AVAILABLE PUBLIC RECORDS. THE CONTRACTOR MUST CROSSINGS AND CONNECTION POINTS TO VERIFY THE EXACT LOCATION.

12. ALL PROPOSED RAMPS SHALL BE IN ACCORDANCE WITH CURRENT A.D.A. STANDARDS ACCESSIBILITY GUIDELINES. MAXIMUM SIDEWALK CROSS SLOPE SHALL BE TWO PERCENT. PROVIDE A (5'X5') FIVE FOOT BY FIVE FOOT LEVEL LANDING (MAX. SLOPE 2%) AT THE TOP AND BOTTOM OF ALL RAMPS AND BUILDING ENTRANCES AND EXITS. HANDRAILS SHALL BE PROVIDED ON ALL RAMPS IN ACCORDANCE WITH SECTION 4.8.5 OF THE A.D.A STANDARDS ACCESSIBILITY GUIDELINES.

13. ALL DRIVEWAYS AND PARKING TO BE OWNED AND MAINTAINED BY THE HOWARD COUNTY PUBLIC SCHOOL SYSTEM 14. ANY DAMAGE TO COUNTY AND OR STATE OWNED RIGHT-OF-WAY TO BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

15. TRENCH BEDDING FOR STORM DRAINS STRUCTURES SHALL BE IN ACCORDANCE WITH HOWARD COUNTY STANDARD G2.01 CLASS C BEDDING UNLESS OTHERWISE NOTED

16. GUTTER PAN OF CURBS SHALL BE PITCHED TO CONFORM TO THE ADJACENT DRAINAGE PATTERNS OF THE ADJOINING PAVING FOR VEHICULAR USE. 17. FOR DETAILS OF PARKING, ROAD SECTION, HANDICAP, CURB AND GUTTER SEE DETAIL SHEET.

18. THERE ARE NO KNOWN GRAVE SITES OR CEMETERIES ON THIS SITE BASED ON A VISUAL SITE VISIT AND BASED ON AN EXAMINATION OF THE HOWARD COUNTY CEMETERY INVENTORY MRP 19. THE CURRENT PLAT FOR THIS PROJECT, F-07-040, IS RECORDED AMONG THE LAND RECORDS IN HOWARD COUNTY, MARYLAND AS PLAT NOS. 20103 THRU

20105 20. ALL OUTSIDE LIGHTING SHALL COMPLY WITH ZONING REGULATIONS SECTION 134 WHICH REQUIRES LIGHTS TO BE INSTALLED TO DIRECT/REFLECT LIGHT DOWNWARDS AND INWARDS ON THE SITE AND AWAY FROM ALL PUBLIC STREETS AND RESIDENTIAL AREAS. "LIGHT TRESPASS ONTO ADJOINING RESIDENTIAL PROPERTIES SHALL BE LIMITED 0.1 FOOT CANDLES."

21. PREVIOUS DPZ FILE NUMBERS: 8A-04-30C, SDP-06-070, WP-06-055, F-08-007, F-07-048, WP-12-069 22. THIS SOP IS SUBJECT TO THE FIRST AMENDMENT TO THE FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS DATED OCTOBER 2, 2003 AND THE AMENDED ZONING REGULATIONS, PER COUNCIL BILL 75-2003.

23. THIS SOP IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL NO. 45-2003 AND THE AMENDED ZONING REGULATIONS PER COUNCIL BILL NO. 75-2003. DEVELOPMENT OR CONSTRUCTION ON THIS PROPERTY MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION APPLICATION OR BUILDING/GRADING PERMIT APPLICATIONS.

24. ALL SIGN POSTS USED FOR TRAFFIC CONTROL SIGNS INSTALLED IN THE COUNTY RIGHT-OF-WAY SHALL BE MOUNTED ON A 2" GALVANIZED STEEL. PERFORATED, SQUARE TUBE POST (14 GAUGE) INSERTED INTO A 2-1/2" GALVANIZED STEEL, PERFORATED, SQUARE TUBE SLEEVE (12 GAUGE) - 3' LONG. A GALVANIZED STEEL POLE CAP SHALL BE MOUNTED ON TOP OF EACH POST.

25. THE REQUIRED LANDSCAPING WILL BE PROVIDED ON THE FUTURE SITE DEVELOPMENT PLAN FOR THIS PROJECT. 26. STREET LIGHT PLACEMENT AND THE TYPE OF FIXTURE AND POLE SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME III (1993) AND AS MODIFIED BY "GUIDELINES FOR STREET LIGHTS IN RESIDENTIAL DEVELOPMENTS (JUNE 1993)." A MINIMUM SPACING OF 20' SHALL BE MAINTAINED BETWEEN ANY STREETLIGHT AND ANY TREE.

27. THERE IS NO FLOODPLAIN ON THIS SITE.

28. THE SPEED STUDY WAS PREPARED BY MARS GROUP DATED JULY 2011. 29. WETLANDS STUDY AND FOREST STAND DELINEATION INFORMATION SHOWN FOR THIS PROJECT WAS PREPARE BY ECO-SCIENCE PROFESSIONAL, INC. DATE OCTOBER 2011.

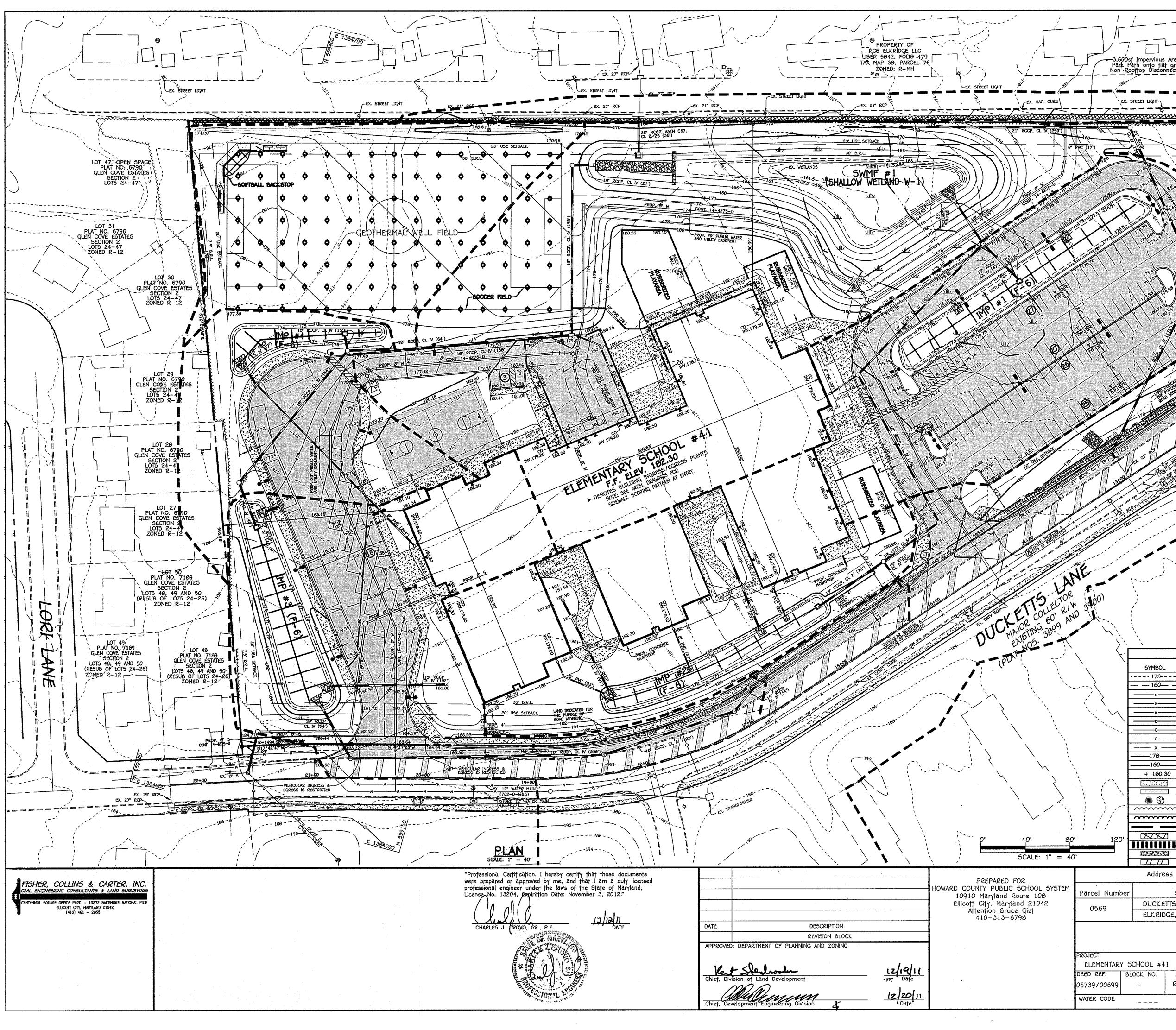
30. WATER QUALITY WILL CONSIST OF 4 BIORETENTION FACILITIES TO CAPTURE AS MUCH IMPERVIOUS AREAS AS PRACTICABLE WHILE THE REMAINING IMPERVIOUS AREAS WILL BE TREATED IN A SHALLOW WETLAND SWM POND. THE SWM POND WILL PROVIDE 1, 10 AND 100 YEAR QUANTITY MANAGEMENT. 31. THE APPROVAL OF THIS ENVIRONMENTAL CONCEPT PLAN (ECP) DOES NOT CONSTITUTE ANY APPROVAL OF ANY SUBSEQUENT AND ASSOCIATED SUBDIVISION PLAT/PLAN AND/OR SITE DEVELOPMENT PLAN AND/OR RED-LINE REVISION PLAN. REVIEW OF THIS PROJECT FOR COMPLIANCE WITH THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE HOWARD COUNTY ZONING REGULATIONS SHALL OCCUR AT THE SUBDIVISION PLAT/PLAN AND/OR SITE DEVELOPMENT PLAN STAGES AND/OR RED-LINE REVISION PLAN PROCESS. THEREFORE, THE APPLICANT AND CONSULTANT SHOULD EXPECT ADDITIONAL AND MORE DETAILED REVIEW COMMENTS (INCLUDING COMMENTS THAT MAY ALTER THE OVERALL SITE DESIGN) AS THIS PROJECT PROGRESSES THROUGH THE PLAN

REVIEW PROCESS 32. THE PLANNING DIRECTOR, ON NOVEMBER 3, 2011, APPROVED WAIVER PETITION (WP-12-069) FOR A WAIVER OF SECTION 16.116.(a)(1) TO GRANT PERMISSION TO REMOVE VEGETATIVE COVER AND TREES, GRADE, FILL, PAVE AND DEVELOP WITHIN 25 FEET OF A WETLAND ON PARCEL A, THE LEGACY AT DUCKETTS RIDGE. THE APPROVAL OF THIS WAIVER PETITION IS SUBJECT TO COMPLIANCE WITH THE FOLLOWING CONDITIONS OF APPROVAL:

1. THE PETITIONER/DEVELOPER SHALL APPLY FOR AND OBTAIN ANY REQUIRED 404/401 PERMITS/CERTIFICATES 2. THE WETLAND MITIGATION AS PROFFERED UNDER THIS WAIVER PETITION APPLICATION SHALL BE PROVIDED AS PART OF A LARGER STREAM/WETLAND COMPLEX ELSEWHERE IN THE COUNTY THAT WILL PROVIDE GREATER HABITAT DIVERSITY AND POTENTIAL, AS APPROVED BY THE MDE.

33. THE FOREST OBLIGATION FOR THIS PROJECT IS 6.0 ACRES OF REFORESTATION. A FEE-IN-LIEU WAS PAID FOR 1.0 ACRE TO THE HOWARD COUNTY FOREST CONSERVATION FUND FOR THE RECORDED SUBDIVISION OF THE LEGACY AT DUCKETTS RIDGE. THE REMAINING OBLIGATION OF 5.0 ACRES OF REFORESTATION WILL BE MET BY RETENTION OF 10.0 ACRES OF EXISTING FOREST AT THE BOLLMAN BRIDGE ELEMENTARY SCHOOL (SDP-07-96).

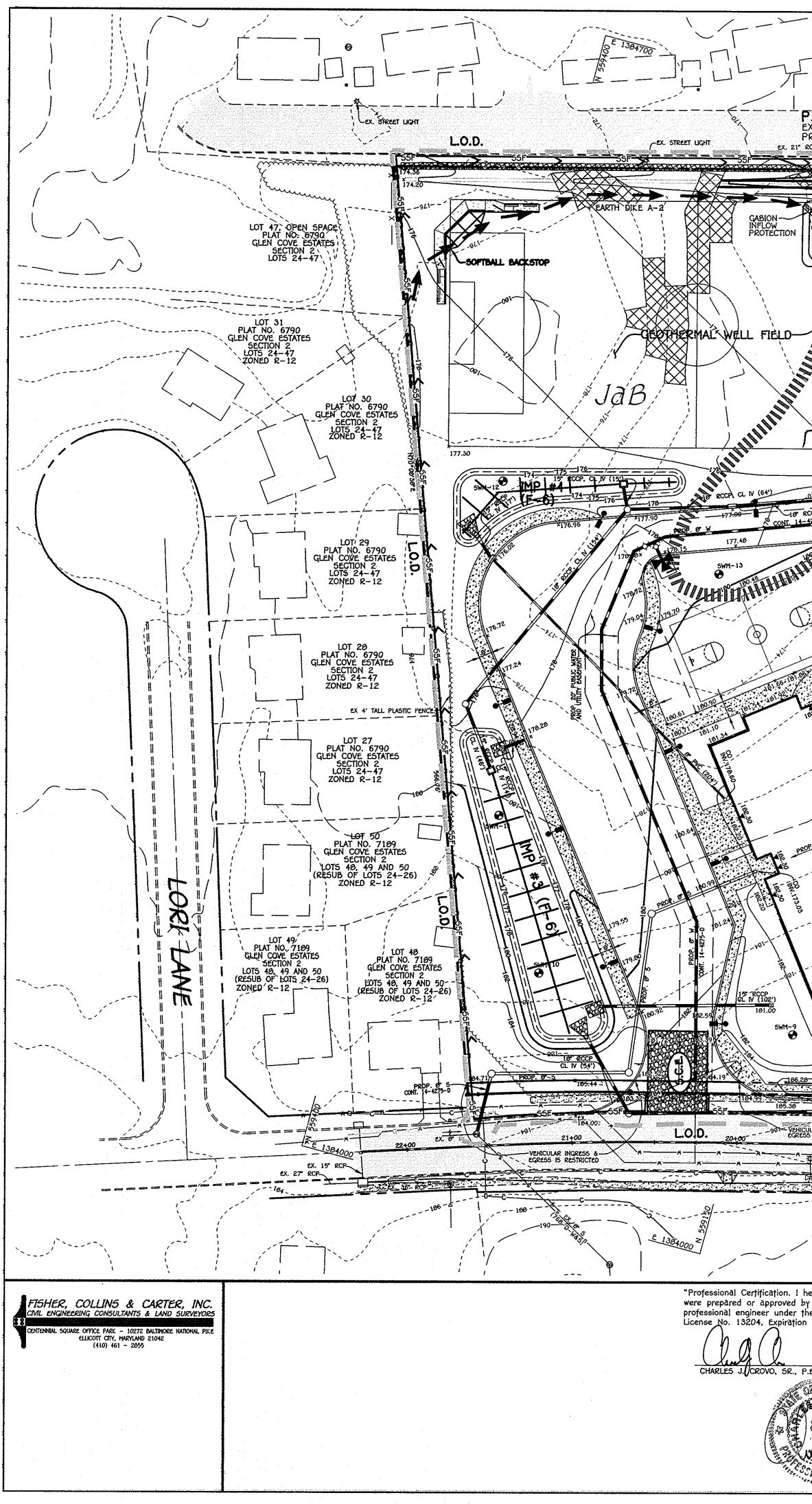
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Parcel Numbe	r	Street	Address					
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						THE LEGACY AT DUCKETTS RIDGE PARCEL A		
ROJECT		• .	SECTION/#	REA	PARCEL	P.N. 20103 - 20105		
ELEMENTARY	SCHOOL #4	1	N/A		0569	ZONED R-12 TAX MAP No.: 37 GRID No.: 12 PARCEL No.: 569		
EED REF. E	BLOCK NO.	ZONE	TAX MAP	ELEC. DIST.	CENSUS TR.	FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
6739/00699	.	R-12	37	FIRST	6012.01	SCALE: AS SHOWN DATE: NOVEMBER 23, 2011		
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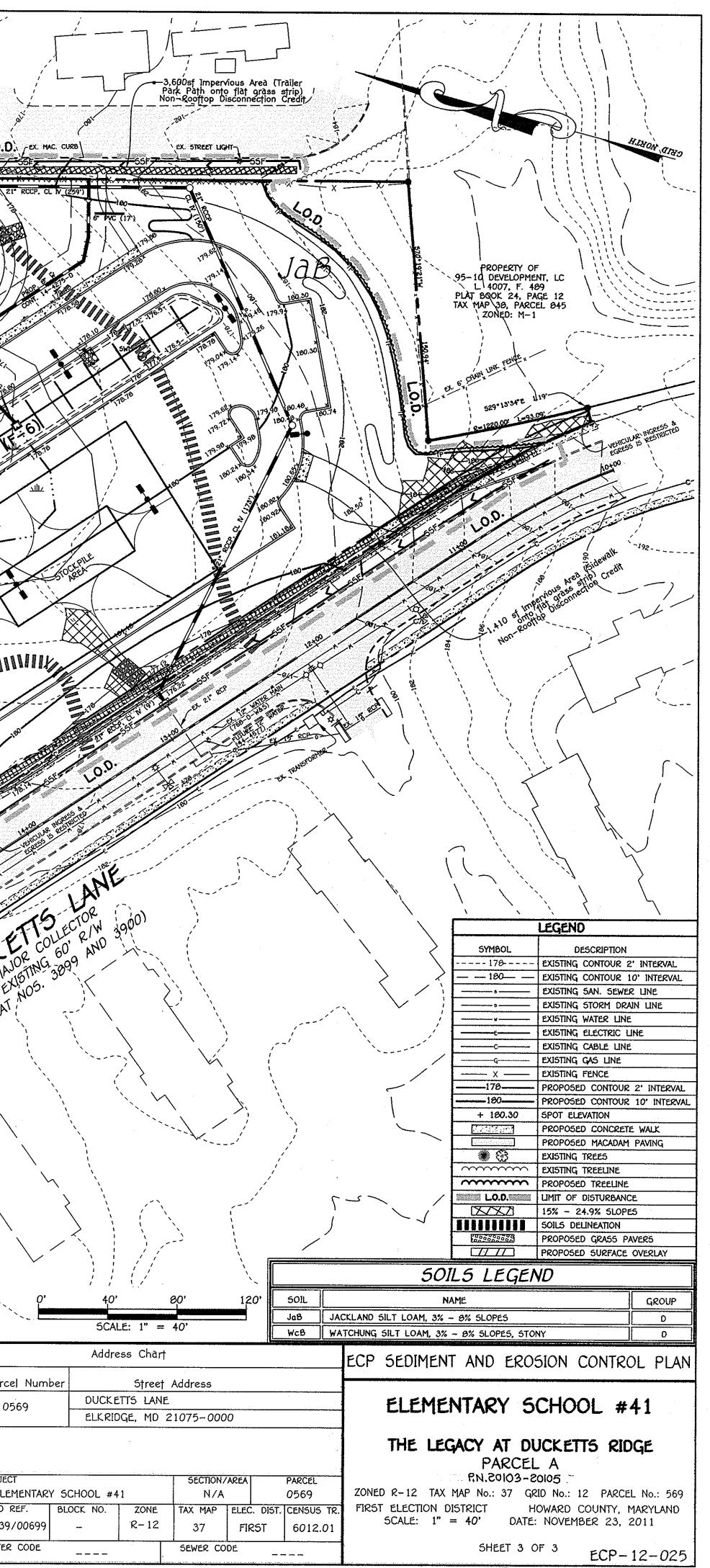
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			ELEMENTARY SCHOOL #41 ENVIRONMENTAL CONCEPT PLAN SUMMARY TABLE STORMWATER MANAGEMENT DESIGN REQUIREMENTS					
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$\sum_{i=1}^{n}$	<u>``</u>	LEGEND		EQUIRED VOLUME	32,601 cf ^a (w/o credits)	1,431 cf		
					D) 32,184 cf ^a (w/ credits)	(part of ESDv)		
ŀ	SYMBOL 178	DESCRIPTION EXISTING CONTOUR 2' INTERVAL EXISTING CONTOUR 10' INTERVAL	BIORETENTION IMP's #1- MDE F-6 VOLUME		t 22,473 cf ^a	1,431 cf (part of ESDv)		
	b	EXISTING SAN. SEWER LINE EXISTING STORM DRAIN LINE EXISTING WATER LINE	SHALLOW WETLAND SWM POND MDE W-1 ESD VOLUME		9,865 cf	0 cf		
· · · · ·		e existing electric line c existing cable line g existing gas line			417 cf			
		EXISTING FENCE PROPOSED CONTOUR 2' INTERVAL PROPOSED CONTOUR 10' INTERVAL SPOT ELEVATION	STORMWATER MANAGEMENT POND ESTIMATED QUANTITY STORAGE VOLUMES AND ELEVATIONS FOR ATTENUATION OF 1, 10 AND 100 YEAR STORMS					
		PROPOSED CONCRETE WALK PROPOSED MACADAM PAVING			estimated storage	estimated wse		
	* 😚	EXISTING TREES		? YEAR STORM	0.303 AF (13,207 cf)	164.3		
	EXISTING TREELINE PROPOSED TREELINE ORAINAGE AREA LINES		1	o year storm	0.894 AF (38,959 cf)	166.1		
		15% - 24.9% SLOPES	10	0 YEAR STORM	1.321 AF (57,541 cf)	167.2		
┛┟		SOILS DELINEATION PROPOSED GRASS PAVERS PROPOSED SURFACE OVERLAY	5UB1		M OF THE CALCULATED ESDV FOR SDV IN THE POND. THE PROVIDED 6 cf = $22,473$ cf.			
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Number	Str	eet Address			•••••			
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NTARY SCHOOL #41 SECTION/AREA PARCE NTARY SCHOOL #41 N/A 0569 BLOCK NO. ZONE TAX MAP ELEC. DIST. CENSU			9	P.N.20103 - 20105 ZONED R-12 TAX MAP No.: 37 GRID No.: 12 PARCEL No.: 569 FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND				
. 8เ 0699	LOCK NO. ZON _ R-1		12.01	SCALE: $1'' = 40'$ DATE: NOVEMBER 23, 2011				
ODE		SEWER CODE			SHEET 2 OF 3	ECP-12-02		
					ECP-12-0			

PROPERTY OF 95-10 DEVELOPMENT, LC L. 4007, F. 409 PLAT BOOK 24, PACE 12 TAX MAP 38, PARCEL 845 ZONED: M-1

—3,600sf Impervious Area (Trailer Park Path onto flat grass strip) Non-Rooftop Disconnection Credit/



P.O.5.T. #1 EX. DA = 4.3 AC. PROP. DA = 0 AC.	EX. 27 RCP EX. 27 RCP EX. 21 RCP EX. 21 RCP EX. 21 RCP EX. 21 RCP EX. 21 RCP		$\begin{array}{llllllllllllllllllllllllllllllllllll$	EX. STREET LIGHT
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PROP. 4'	991- 1-0-00 n n n n n n n n n n n n n n n n n	190		
$\frac{PLAN}{SCALE: 1'' = 40'}$ I hereby certify that these documents d by me, and that I am a duly licensed r the laws of the State of Maryland, tion Date: November 3, 2012." $\frac{12/B_{1}}{DATE}$	DATE DESCRIPTION		PREPARED FOR COUNTY PUBLIC 5CHOOL 10910 Maryland Route 10 Illicott City, Maryland 210 Attention Bruce Gist 410-313-6798	18 Parc
Contraction of the second seco	REVISION BLOCK APPROVED: DEPARTMENT OF PLANNING AND ZONING Let She Iroch Chief, Division of Land Development Chief; Development Engineering Division	Iz/19/11 Mr Date Izbo/11 Date		PROJE ELE DEED 06739 WATER



ECP-12-025