

LEGEND

EXISTING

S IRON PIN SET

IRON PIN FOUND

P REINFORCED CONCRETE PIPE

CORRUGATED METAL PIPE

UTILITY POLE

CATCH BASIN

WATER METER

STORM DRAIN MANHOLE

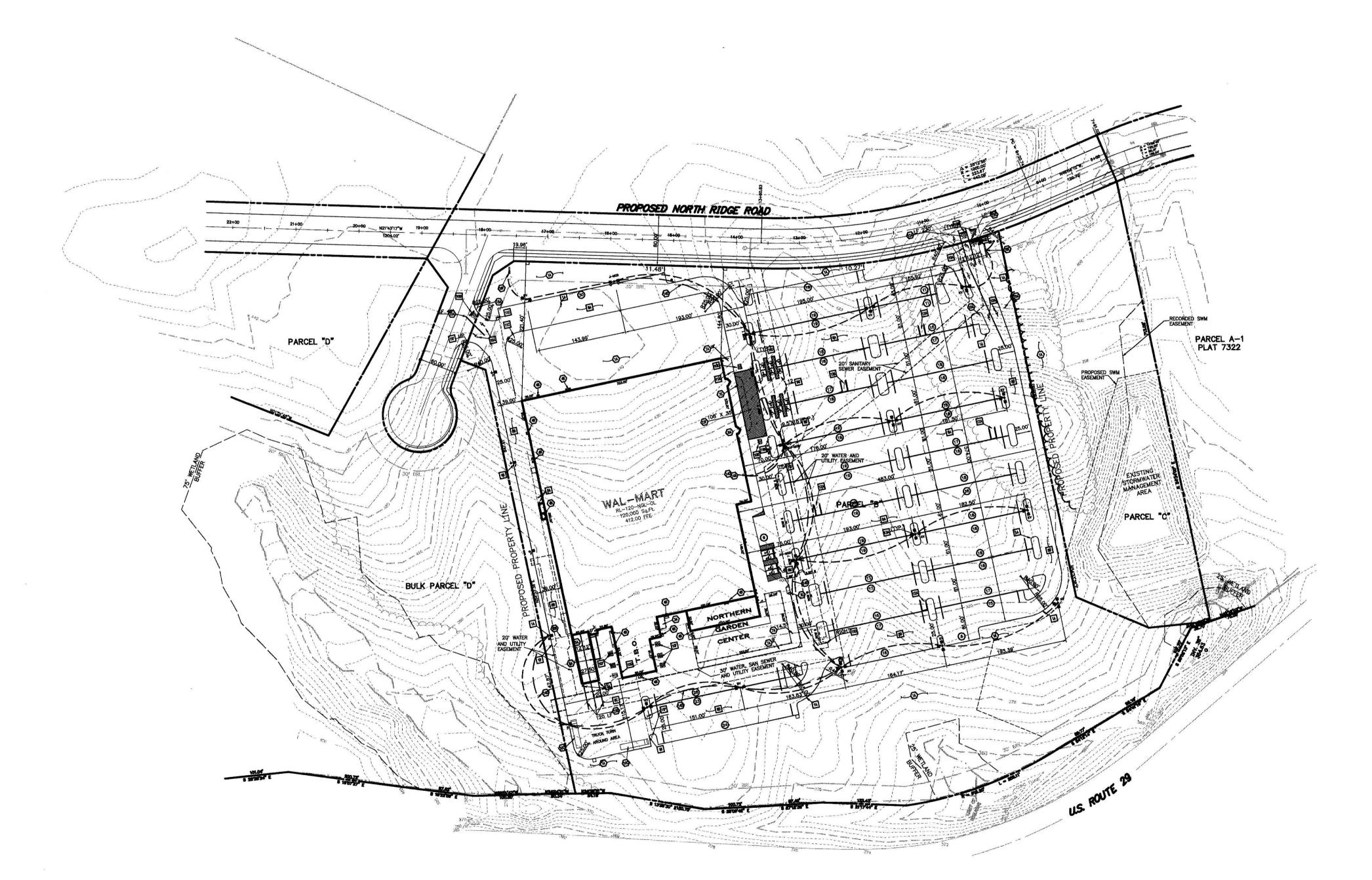
SANITARY SEWER MANHOLE

LIGHT POLE

GUY WIRE

NOTE: ALL ADDITIONAL PARKING LOT LIGHTING POLES AND FIXTURES WITH LAMPS AND REQUIRED PAINT WILL BE PROVIDED BY WAL-MART AND INSTALLED BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL PROVIDE WAL-MART WITH A ONE YEAR WARRANTY CERTIFICATE. ALL INCURRED COSTS FOR RECEIVING, UNWRAPPING OF FACTORY PAINTED POLES, STORAGE, LIABILITY AND WARRANTY LABOR SHALL BE INCLUDED IN THE INSTALLATION AND CONTRACT PRICE.

	F	arkir	ng Ra	Itio	20
Building	Lot Size in ACRES	No. of Total Spaces	No. of CART CORRAL	No. of Handicapped Spaces	Ratio of Total Spaces per 1,000
Wal—Mart	17.00	781	5/0.04	16/0.13	6.5/1000
PARKING REQ	UIRED			res del Astrono Astrono de la Charles de	V (10 )
Main Building	609				
Garden Center	29	0			
Service Center	21	Ţ			
Total	659				



FIRE LANE NOTE:
FIRE LANES TO BE INSTALLED IN ACCORDANCE
WITH FIRE CHIEF'S OFFICE STANDARDS

TENTATIVELY APPROVED
DEPT. OF PLANNING AND
ZONING OF
HOWARD COUNTY

LOCALITY
LOCALIT

A CONTRACTOR OF STATE OF STATE

INITIAL DESIGN 8-29-94 LDF KLM TMP
DATE PRN PM DES CA

WAL-MART STORES, INC.
WAL-MART

ENGINEERING ASSOCIATES, INC

9175 Guilford Road, Suite 306 (301) 490-4145 JOB NO.: 9146.0.350 DWG NAME: 9146PROJ

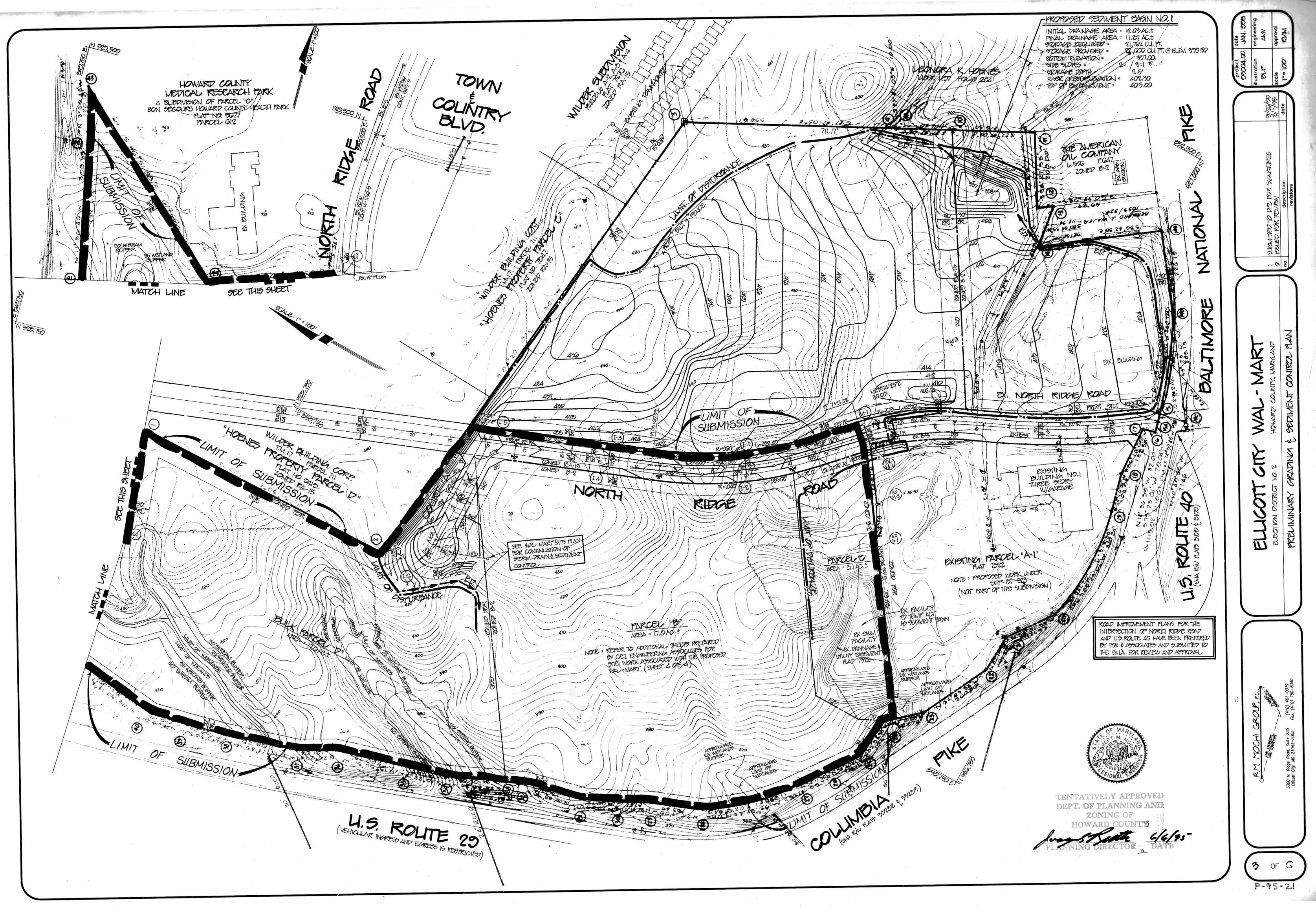
PRELIMINARY SITE PLAN ROUTE 29 AND ROUTE 40 ELLICOTT CITY, MARYLAND R2

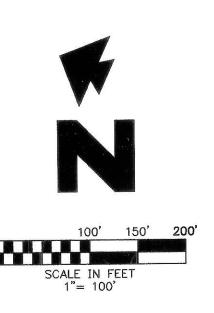
JOB NO.: 9146.0.350 DWG NAME: 9146PROJ

SHEET NO.

2 OF 6

TAX MAP 17 & 24
P/O PARCEL 848
ZONING BOARD CASE ZB-941
SKETCH PLAN S-95-01
APPROVED 12-2-1994





LEGEND

EXISTING

IPS IRON PIN SET

IPF IRON PIN FOUND

RCP REINFORCED CONCRET

RCP REINFORCED CONCRETE PIPE
CMP CORRUGATED METAL PIPE
CD UTILITY POLE
CATCH BASIN
WATER METER
STORM DRAIN MANHOLE

S SANITARY SEWER MANHOLE

LIGHT POLE

GUY WIRE

OVERHEAD POWER

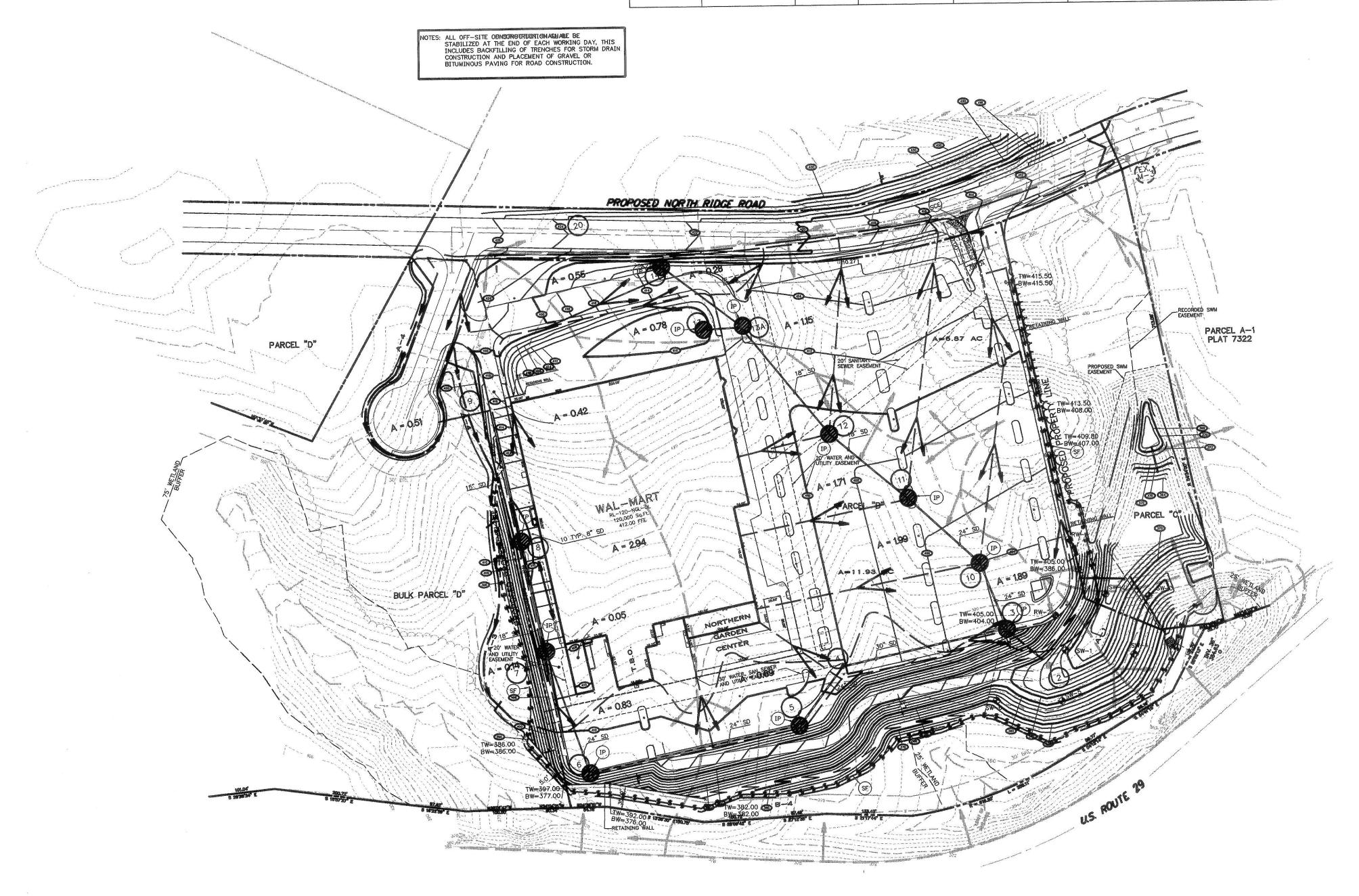
CURB INLET

FENCE-LINE

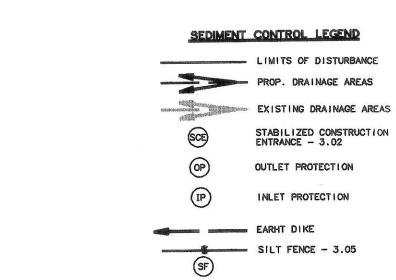
TREELINE

-GAS- UNDERGROUND GAS

STORMCEPTOR WATER QUALITY MANAGEMENT FOR ELLICOTT CITY, MD WAL-MART SITE MAX. TREATMENT FLOW/ % IMPERVIOUS | MAX. DRAINAGE ACTUAL FLOW AREA FOR THE TYPE RATE IN GAL/MIN; STORMCEPTOR STRUCTURE DRAINAGE DRAINAGE C.F.S. 3 HABITAT (ACRES) | WITHOUT BYPASSING NUMBER MODEL AREA AREA 2.60 STC 900 11.50 1.40 2.50 0.98 1.10 8.90 1.71 0.98 1.90 STC 1800 1.30 10.30 1.90 0.98 STC 1800 1.99 25.30 5.40 0.98 STC 4800 4.89 3.60 0.50 0.98 STC 900 9.80 1.20 1.90 0.98 1.89 STC 1800



THIS SHEET IS FOR SEDIMENT AND EROSION CONTROL ONLY!

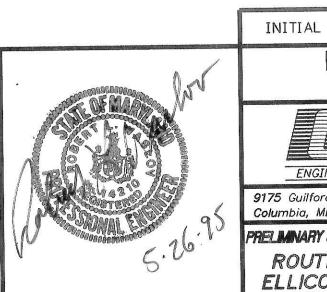


## NOT

- THE NUMBERS AND SIZE OF STRUCTURES ARE SUBJECT TO CHANGE DURING FINAL DESIGN OF THE STORMWATER MANAGMENT FACILTY AND SITE PLAN.
- 2. ALL INFORMATION PROVIDED IN THE TABLE ON THIS SHEET IS REPRODUCED FROM THE STORMCEPTOR TECHNICAL MANUAL APRIL 1995 AND CAN BE FOUND AS PUBLISHED IN THE APPENDIX OF THE STORMWATER MANAGMENT REPORT.

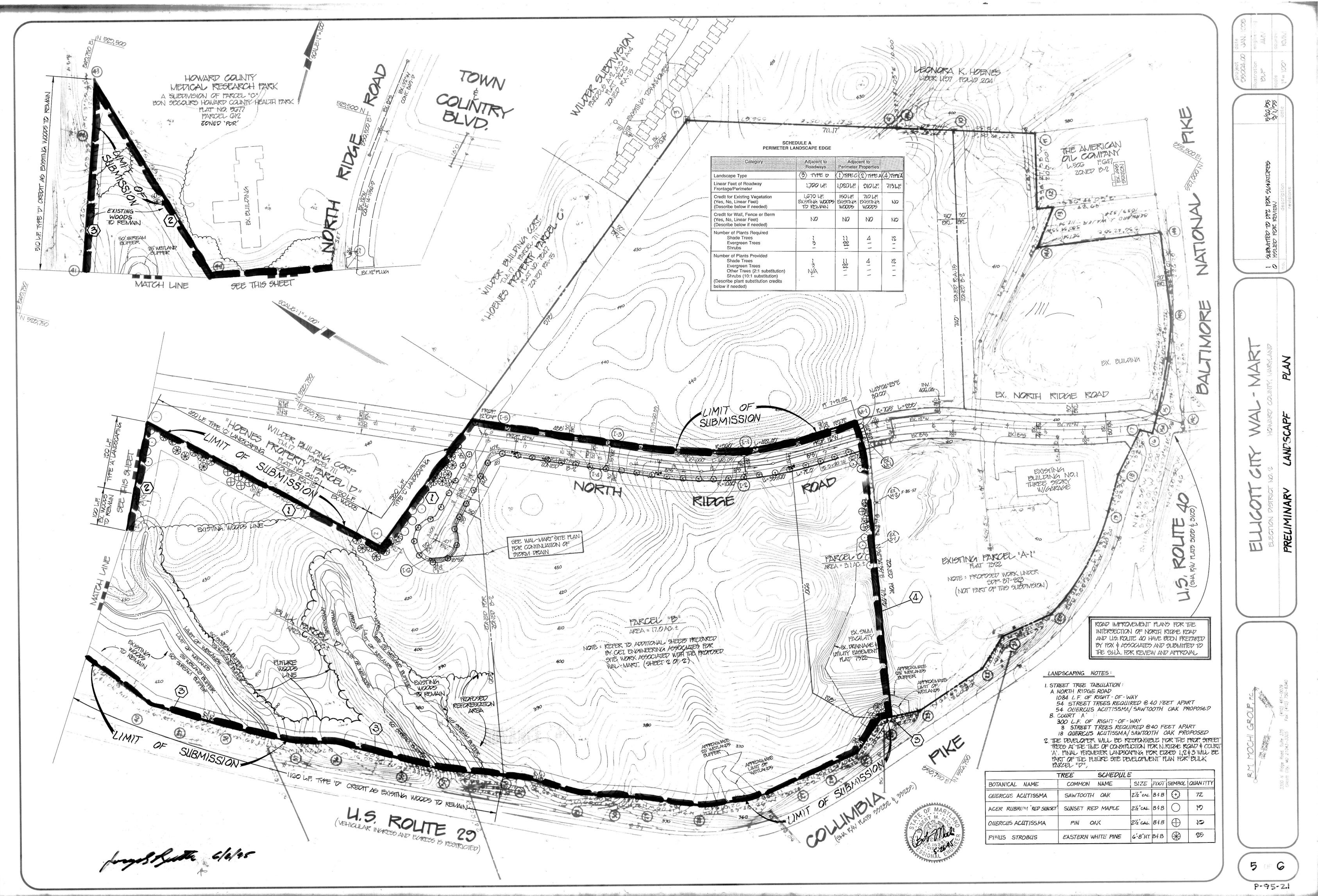
TENTATIVELY APPROVED
DEPT. OF PLANNING AND
ZONING OF
HOWARD COUNTY

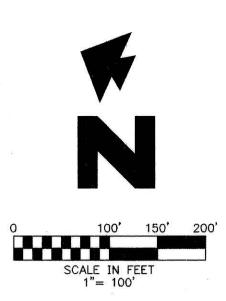




	INITIAL DESIGN	8-29-94	LDF	KLM	TMP	TV		
		DATE	PRN	PM	DES	CA		
	WAL-MART STORES, INC. WAL-MART							
			NGINI OCIA		NG , INC			
9	ENGINEERS	• PLANI	VERS	•	SURVEYO	RS		

9175 Guilford Road, Suite 306 (301) 490-4145
Columbia, MD 21046 FAX (301) 490-4149 DV
PRELMNARY SEDMENT AND EROSION CONTROL PLAN
ROUTE 29 AND ROUTE 40
ELLICOTT CITY, MARYLAND





LEGEND

EXISTING

IPS IRON PIN SET

IPF IRON PIN FOUND

REINFORCED CONCRETE PIPE
CORRUGATED METAL PIPE
UTILITY POLE

UTILITY POLE
CATCH BASIN
WATER METER
STORM DRAIN WANHOLE

SANITARY SEWER MANHOLE
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OHP—OVERHEAD POWER

CURB INLET

-X FENCE-LINE

TREELINE

-GAS— UNDERGROUND GAS

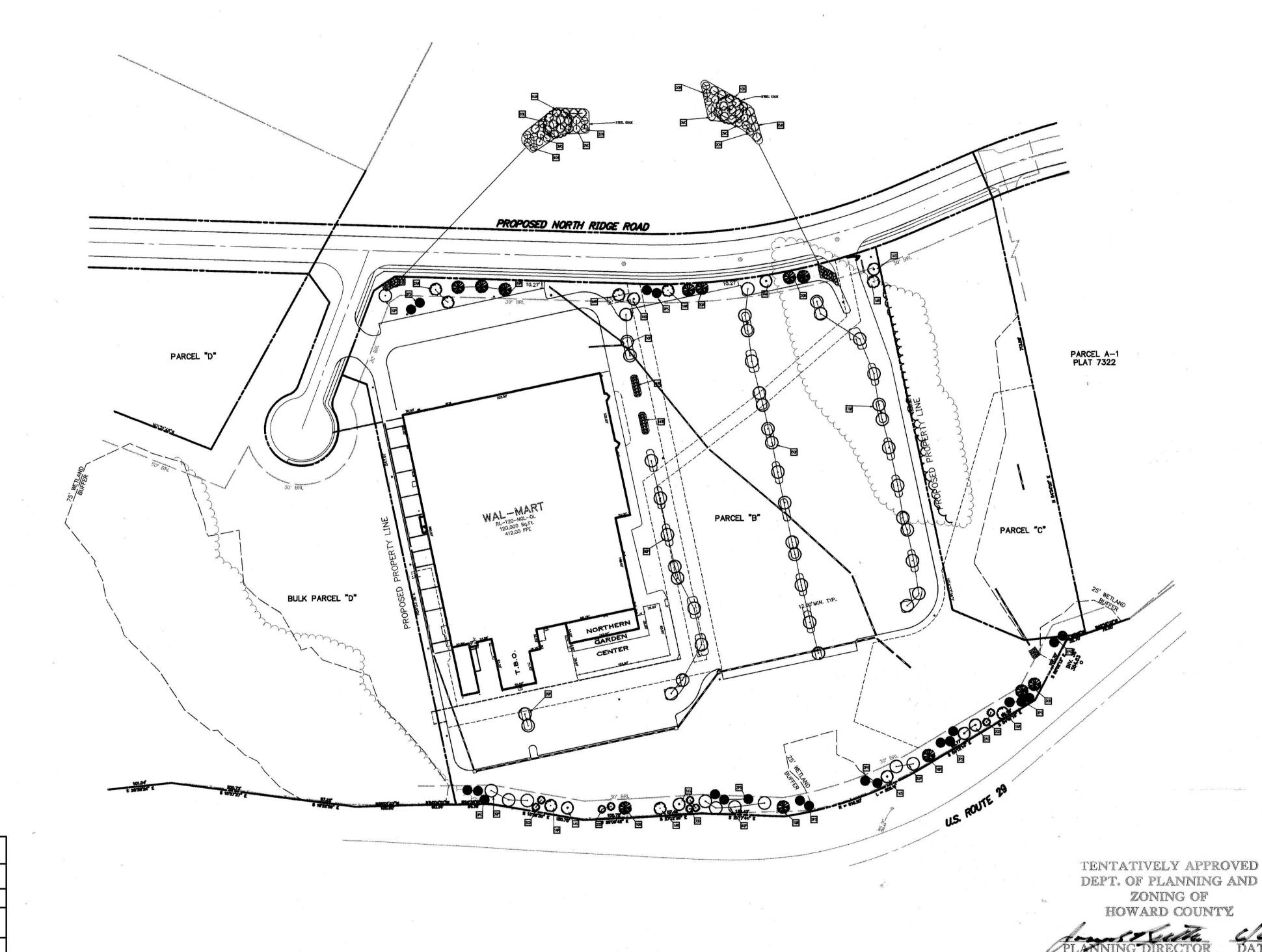
SCHEDULE A PERIMETER LANDSCAPE EDGE					
CATEGORY	ADJACENT TO PROPOSED NORTH RIDGE ROAD	ADJACENT TO U.S. ROUTE 29			
LANDSCAPE TYPE	TYPE E BUFFER	TYPE B BUFFER			
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	801.12'	1104.57'			
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO			
NUMBER OF PLANTS REQUIRED SHADE TREES EVERGREEN TREES SHRUBS	21 NONE 210	22 27 NONE			
NUMBER OF PLANTS PROVIDED SHADE TREES EVERGREEN TREES(2:1 SUBST.) OTHER TREES(2:1 SUBST.) SHRUBS(10:1 SUBST.) (DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)	18 4 2 50	22 27 NONE NONE			

THE SHRUB REQUIREMENTS FOR THE BUFFER ADJACENT TO PROPOSED NORTH RIDGE ROAD HAS BEEN MET BY THE

3' OR GREATER GRADE DIFFERENCE BETWEEN THE PARKING LOT AND THE ADJACENT ROAD. THE ONLY AREA WITH A

GRADE DIFFERENCE OF LESS THAN 3' IS THE NORTHEAST ENTRANCE WHICH WILL BE PLANTED WITH SHRUBS.

PLANT LIST						
SYMBOL	KEY.	QTY.	COMMON NAME	BOTANICAL NAME	ROOT SIZE	REMARKS
$\odot$	QP	48	WILLOW OAK	Quercus Phellos		RANCHED AT NO ESS THAN 6 FT
*	QR	12	RED OAK	Quercus rubra	B&B 2" CAL.	
O	AR	8	RED MAPLE	Acer rubrum	B&B 2" CAL.	
$\odot$	AS	7	SUGAR MAPLE	Acer Saccharum	B&B 2" CAL	¥
0	СК	2	KOUSA DOGWOOD	Cornus Kousa	B&B 5-6 FT	
	PS	22	EASTERN WHITE PINE	Pinus Strobus	B&B 5-6 FT	
0	CD	9	DEODAR CADAR	Cedrus deodora	CONT. 3 GAL	
•	TB	28	SPREADING ENGLISH YEW	Taxus baccata 'Repandens'	CONT. 3 GAL.	4'-0" O.C.
0	VC JH	10 29	KOREANSPICE VIBURNUM	Viburnum carlesii	CONT. 5 GAL.	4'-0" O.C.
9	CH	11	BAR HARBOR JUNIPER ROCKSPRAY COTONEASTER	Juniperus horzontalis 'BAR HARBOR' Cotoneaster horizontalis	CONT. 5 GAL. CONT. 3 GAL.	3'-0" O.C.



THIS SHEET IS FOR LANDSCAPE PURPOSES ONLY!!

THIS SHEET IS FOR CONCEPTUAL PURPOSES ONLY!!



LANDSCAPE PLAN

THE SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE "WAL-MART STANDARD SITE WORK SPECIFICATIONS".

B. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE

B. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND FOUR—INCHES OF TOPSOIL APPLIED. IF ADEQUATE TOP—SOIL IS NOT AVAILABLE ON—SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL, APPROVED BY THE OWNER, AS NEEDED. THE AREA SHALL THEN BE SEEDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

## SEEDED GREEN AREA:

SOW KENTUCKY BLUEGRASS, Pod pretensis '5 STAR' AT A RATE OF EIGHT (8) LBS. PER 1,000 S.F. FOR AREAS HAVING LESS THAN 3:1 SLOPES.

HYDROSEED CROWNVETCH Coronilia varia AT A RATE OF 16 LBS/ACRE FOR AREAS HAVING SLOPES GREATER THAN 3:1

## SEEDING ON SLOPES:

ALL SLOPES 3:1 OR GREATER SHALL BE HYDROSEEDED WITH CROWNVETCH AT A RATE OF 16 LBS/ACRE SEEDING SHALL BE ACCOMPLISHED IMMEDIATELY AFTER BED PREPARATION. HYDOROSEED MIXTURE SHALL CONTAIN CELLULOSE MULCH APPLIED AT A RATE OF 2,000 LBS./ACRE, WITH A MAXIMUM OF 50 LBS./100 GAL. OF WATER.

IF SEEDING IS DELAYED AFTER MIXING 1/2 — 2 HOURS ADD AN ADDITIONAL 50% OF SEED MIX, IF DELAY IS LONGER THAN 2 HOURS, BEGIN WITH A NEW MIXTURE.

ALL SLOPES 2:1 OR GREATER SHALL BE COVERED WITH "CURLEX" BLANKETS, OR APPROVED EQUAL, INSTALLED PER MANUFACTURER INSTRUCTIONS. SEE SPECIFICATION SECTION 02900 FOR SEED ESTABLISHMENT REQUIREMENTS.

## WHEN SEEDING CROWNVETCH ADD BACTERIUM INNOCULUM TO MIXTURE FOR GERMINATION AT A RATE OF 10 LBS./60 LBS. OF CROWNVETCH SEED.

LANDSCAPE NOTES:

1. LOCATE ALL UTILITIES BEFORE LANDSCAPE CONSTRUCTION BEGINS .

2. NOTIFY LANDSCAPE ARCHITECT OR CLIENT REPRESENTATIVE OF ANY LAYOUT DISCREPANCIES.

3. SHREDDED HARDWOOD BARK MULCH SHALL BE USED AS A FOUR INCH (4")
TOP DRESSING IN ALL PLANT BEDS AND AROUND ALL TREES. SINGLE
TREES OR SHRUBS SHALL BE MULCHED TO THE OUTSIDE EDGE OF THE
SAUCER OR LANDSCAPE ISLAND (SEE PLANTING DETAILS).

saucer or landscape Island (see Planting Detail

4. All trees shall be staked (see Planting Detail).

5. ALL EXTERIOR GROUND WITHIN THE LIMITS OF THE CONTRACT, EXCEPT SURFACES OCCUPIED BY BUILDINGS, STRUCTURES, PAVING, AND AS INDICATED ON THE DRAWINGS AS UNDISTURBED SHALL BE FILLED WITH FOUR (4) INCHES OF TOPSOIL.

 ALL DISTURBED AREAS NOT DESIGNATED FOR OTHER PLANTINGS SHALL BE SOWN WITH GRASS SEED MIX AT A RATE OF (8) EIGHT POUNDS PER 1,000 SQUARE FEET. GRASS SEED MIX TO BE KENTUCKY 31 TURF—TYPE FESQUE.

7. WEED MAT SHALL BE USED UNDER ALL PLANTING AREAS NOT TO BE SEEDED, OR AS DIRECTED ON THE DRAWINGS. THE MAT SHALL BE COVERED WITH MULCH AND SECURED IN PLACE BY A SOIL ANCHOR.

COVERED WITH MULCH AND SECURED IN PLACE BY A SOIL ANCH

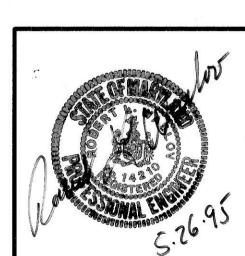
STEEL EDGE SHALL BE 1/8" X 4" STEEL EDGING WITH CLIPS AND REBAR STAKES FIVE (5) FOOT ON CENTER.
 FERTILIZE ALL PLANTS AT THE TIME OF PLANTING WITH OSMOCOTE 14-14-14 TIME RELEASE FERTILIZER.

10. CONSULT THE PLANT LIST ON THIS DRAWING FOR TYPE, SIZE, VARIETY, AND SPACING OF PLANT MATERIAL.

11. PERIMETER LANDSCAPING PLANTED IN ACCORDANCE WITH THE HOWARD COUNTY LANDSCAPE MANUAL PAGE 12 PARAGRAPH 1, "THE REGULATIONS DO NOT REQUIRE LANDSCAPED EDGES, BUFFERING, OR SCREENING BETWEEN INTERNAL LOTS OR PARCELS WITHIN THE SAME DEVELOPMENT.

12. THE DEVELOPER AND/OR HIS CONTRACTOR WILL BE RESONSIBLE FOR PLANTING OF THE LANDSCAPE PLAN.

13. THE FINAL LANDSCAPE PLAN WILL BE SHOWN ON THE FINAL SITE PLAN.



INITIAL DESIGN

| 8-29-94 | LDF | KLM | TMP | MAM |
| DATE | PRN | PM | DES | CADD |
| WAL-MART STORES, INC. |
| WAL-MART |
| ENGINEERING |
| ASSOCIATES, INC |
| ENGINEERING |
| ASSOCIATES, INC |
| ENGINEERING |
| CHEMINATERS |
| CHEMINAT

## PLANNERS | SURVEYORS |

9175 Guilford Road, Suite 306 | (301) 490-4145 | JOB NO.: 9146.0.356 |

Columbia, MD 21046 | FAX (301) 490-4149 | DWG NAME: 9146PROJ |

PRELIMINARY LANDSCAPE PLAN | DATE | SHEET NO. |

ROUTE 29 AND ROUTE 40 | 5-26-95 | 6 of 6 |

ELLICOTT CITY, MARYLAND | R2

P-95-21