1. THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR	
AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK ON THESE DRAWINGS: MISS UTILITY	
VERIZON TELEPHONE 1-800-257-777 HOWARD COUNTY BUREAU OF UTILITIES: 725-9976 AT&T CABLE LOCATION DIVISION: 313-2366	
B.G.&E. CO. CONTRACTOR SERVICES: 393-3553 B.G.&E. CO. UNDERGROUND DAMAGE CONTROL: 850-4620 STATE HIGHWAY ADMINISTRATION: 787-4620	
2. PROJECT BACKGROUND: LOCATION: TAX MAP 50, PARCEL 379, 408, 423	
ZONING: CAC DEED REFERENCE: 9901/220 DPZ REFERENCES: WP-96-112, WP-98-30, F-99-109, F-98-10,	
BA 366-D, $WP-05-45$ , $S-05-03$ , $WP-05-109$ AND SDP-06-50 FILES.	
3. ANY DAMAGE TO PUBLIC RIGHTS-OF-WAY, PAVING, OR EXISTING	
UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR TH CONTRACTORS INFORMATION.	
4. CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED	S TO D
SERVICE. ANY DAMAGE TO THE COUNTY'S RIGHT OF WAY INCURRENT TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY A CONTRACTORS EXPENSE.	
5. TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIF	ORM a-
TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATOR SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.	Y 27
6. ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLELY FOR THE PURPOSE OF CALCULATING FEES.	2
7. SOIL COMPACTION SPECIFICATIONS, REQUIREMENTS, METHODS AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RECOMMENDATION OF THE PROJECT GEOTECHNICAL ENGINEER. GEOTECHNICAL ENGINE TO CONFIRM ACCEPTABILITY OF PROPOSED PAVING SECTION, BASE	ons Eer
SOILS TEST. 8. ALL ASPECTS OF THE PROJECT WITHIN THE HOWARD COUNTY RIGHT	
WAY ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS SPECIFICATIONS AND DATAILS FOR CONSTRUCTION (VOL	Ⅳ).
9. DEED REFERENCE: 479/676, 832/562, 815/344 10. THE PROJECT BOUNDARY IS BASED ON A SURVEY PERFORMED BY	28
ROBERT H. VOGEL ENGINEERING, INC., DATED AUGUST 2005. 11. THE TOPOGRAPHY SHOWN HEREON IS BASED ON FIELD RUN	29
TOPOGRAPHIC SURVEY PREPARED BY ROBERT H. VOGEL, DATED AUGUST 2004.	31
12. WATER AND SEWER FOR THIS PROJECT WILL BE PUBLIC. PROPOSED SEWER FOR THE SITE WILL BE CONNECTED TO EXISTING PUBLIC SEWER CONTRACT #29-S. AND PROPOSED PUBLIC WATER WILL BE CONNECTED TO EXISTING PUBLIC CONT.# 1-W.	
13. STORMWATER MANAGEMENT REQUIREMENTS FOR THIS PROJECT IS PROVIDED BY SAND FILTERS (Wqv), GRAVEL UNDER SAND FILTER (Rev) AND STORAGE PIPE (Cpv) PRIVATELY OWNED	32
AND MAINTAINED AND PROVIDED UNDER-06-50.	
<ol> <li>WETLANDS DELINEATION WAS PERFORMED BY EXPLORATION RESEARCH. INC., DATED JULY, 2004.</li> <li>NO FLOODPLAIN IS LOCATED ONSITE.</li> </ol>	33
16. NO STEEP SLOPES ARE LOCATED ONSITE. 17. NO GRADING , REMOVAL OF VEGETATIVE COVER OR TREES,	
PAVING OR NEW STRUCTURES SHALL BE PERMITTED WITHIN THE WETLANDS AND STREAMS OR REQUIRED BUFFERS, EXCEPT AS PERMITTED UNDER APPROVED WP-05-45.	34
18. FOREST STAND DELINEATION PLAN PREPARED BY ROBERT H. VOGE ENGINEERING, INC., DATED MAY, 2003. FOREST CONSERVATION	ïL
REQUIREMENTS PER SECTION 16.1202 OF THE HOWARD COUNTY C AND THE FOREST CONSERVATION MANUAL ARE PROVIDED UNDER SDP-06-50.	ODE 35
19. APFO TRAFFIC STUDY PREPARED BY THE TRAFFIC GROUP, DATED APRIL 7, 2004. APPROVED BY STATE HIGHWAY ADMINISTRATION AND DEVELOPMENT ENGINEERING DIVISION OF HOWARD COUNTY WITH S-05-03.	
20. ALL EXTERIOR LIGHT FIXTURE SHALL BE ORIENTED TO DIRECT LIGHT INWARDS AND DOWNWARDS ON-SITE AWAY FROM ALL	35
RESIDENTIAL PROPERTIES AND PUBLIC ROADS IN ACCORDANCE WITH SECTION 134 OF THE HOWARD COUNTY ZONING REGULATIONS SEE SHEET 6 OF 9 OF THIS DRAWING SET.	
21. THIS PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT.	
22. TO THE BEST OF THE OWNERS KNOWLEDGE, THERE ARE NO BURIAL/CEMETARY LOCATIONS ON SITE.	30
23. STREET TREES ARE REQUIRED FOR THIS PROJECT IN ACCORDANCE WITH SECTION 16.124(e)(1) OF THE	
SUBDIVISION REGULATIONS AND THE LANDSCAPE MANUAL. A FINANCIAL SURETY IN THE AMOUNT OF \$6,600 HAS	3
BEEN POSTED AS PART OF THE DEVELOPER'S AGREEMENT FOR THE REQUIRED 22 STREET TREES UNDER THIS PLAN	
24. A NOISE STUDY IS NOT REQUIRED.	
25. THIS SUBDIVISION IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AS EFFECTIVE 10/2/03. 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.	
26. A WETLAND PERMIT IS REQUIRED FOR THE DISTURBANCE SHOWN ON THIS PLAN. MDE TRACKING # 200661163.	
= 100001100.	

# FINAL ROAD CONSTRUCTION PLAN PATUXENT SQUARE APARTMENTS AND RETAIL CENTER PARCEL A AND NON BUILD ABLE PARCEL B

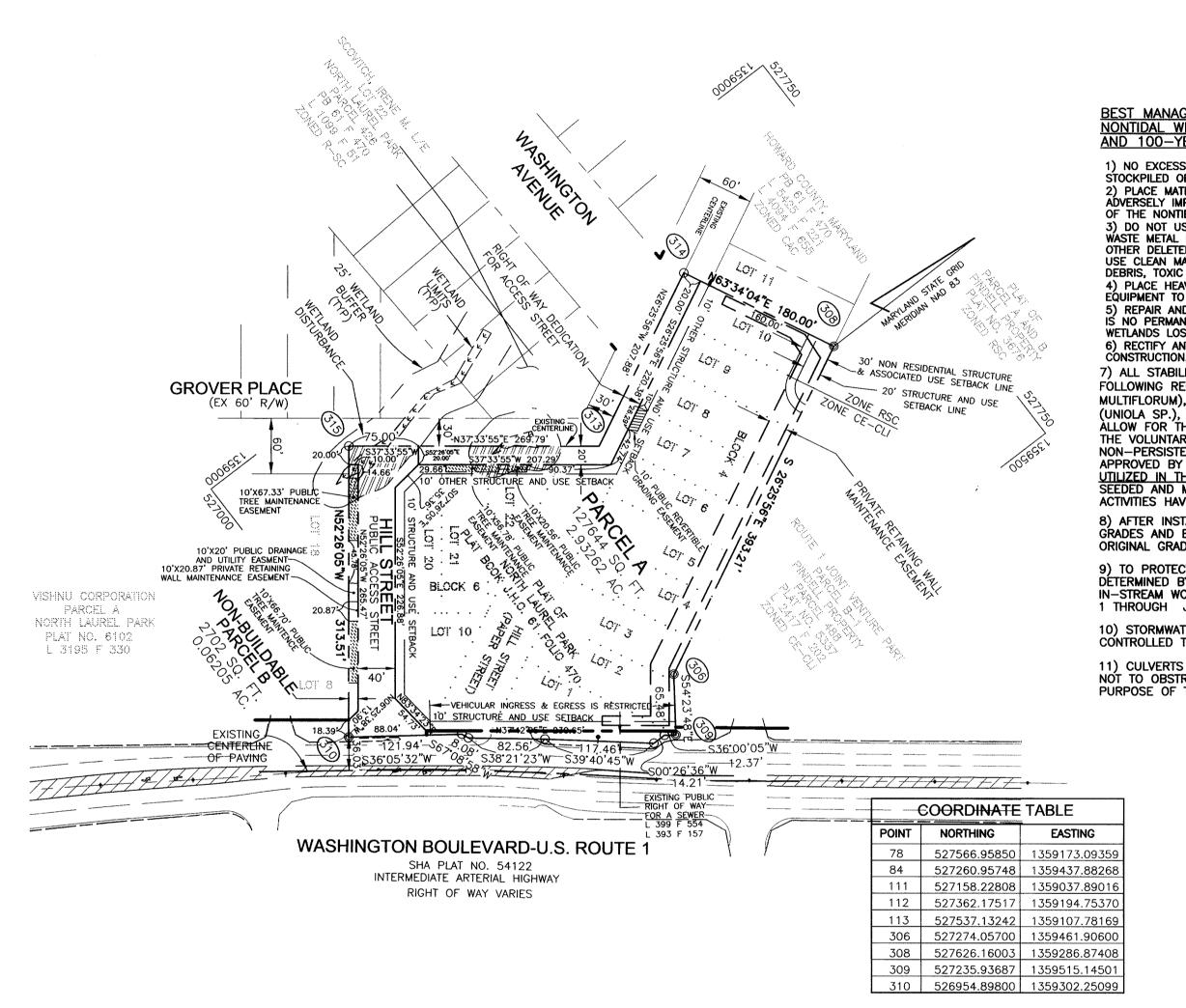
WP-05-45: A WAIVER PETITION HAS BEEN SUBMITTED AND

APPROVED, DATED NOVEMBER 30, 2004, TO WAIVE SECTION 16.116 (a) (1) OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WHICH PROHIBITS THE GRADING. REMOVAL OF VEGETATIVE COVER AND TREES, PAVING AND NEW STRUCTURES WITHIN 25 FEET OF A WETLAND IN ANY ZONING DISTRICT AND WITHIN 50' OR 75' OF A STREAM IN RESIDENTIA AND NON RESIDENTIAL ZONING DISTRICTS. THIS PLAN PROPOSES THE FILLING OF WETLANDS, A STREAM AND THE DISTURBANCE OF THE 25' WETLAND BUFFER AND 50' STREAM BUFFER FOR THE CONSTRUCTION OF HILL STREET, GROVER PLACE, PARKING LOT PAVING AND A PORTION OF THE NEW BUILDING.

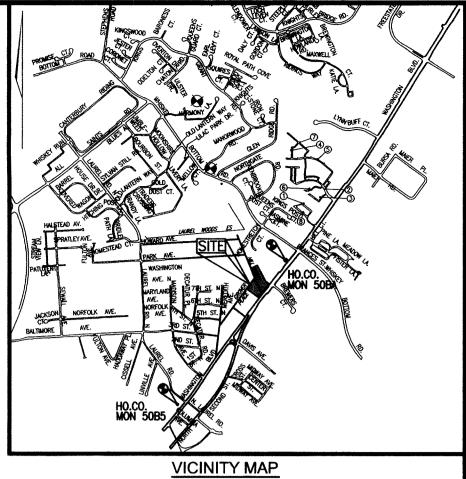
- . THE SUBJECT PROPERTY IS ZONED "CAC" CORRIDOR ACTIVITY CENTER PER THE 2/2/04 COMPREHENSIVE ZONING PLAN.
- . ALL EXISTING STRUCTURES ARE TO BE REMOVED.
- FINANCIAL SURETY FOR THE REQUIRED 70 SHADE TREES, 2 EVERGREEN TREES, 205 SHRUBS AND 613 LINEAR FEET OF WALL HAS BEEN POSTED AS PART OF THE DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$ 39,710.00. PER SDP-06-50.
- THIS PROJECT COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL WITH A FOREST CONSERVATION OBLIGATION OF 1.02 ACRES PROVIDED BY A FEE-IN-LIEU OF \$22,216.00 WAS PAID UNDER SDP-06-50.
- WP-05-109: A WAIVER PETITION HAS BEEN SUBMITTED AND APPROVED, DATED APRIL 12, 2006, TO WAIVE SECTION 16.146 OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WHICH REQUIRES THE SUBMISSION OF A PRELIMINARY PLAN FOR MULTI-FAMILY RESIDENTIAL AND AND NON-RESIDENTIAL MIXED-USE
- STREET LIGHT PLACEMENT AND THE TYPE OF FIXTURE AND POLE SHALL 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.
- 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.
- 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) -3LONG .. A GALVANIZED STEEL POLE CAP SHALL BE MOUNTED ON TOP OF EACH POST.
- FOR ROUTE 1 CONSTRUCTION DETAILS REFERENCE PLANS AND SPECIFICATIONS APPROVED IN CONSTRUCTION WITH MSHA ACCESS PERMIT AND PERMIT CONDITIONS.
- THE FINAL ROAD CONSTRUCTION PLANS WILL BE REVISED BY THE REDLINE REVISION PROCESS WHEN THE BALANCE OF THE HILL STREET RIGHT-OF-WAY IS ACQUIRED IN ORDER TO EXTEND HILL STREET CONSTRUCTION.

APPROVED: DEPARTMENT OF PUBLIC WORKS	
Millin Z. Malal. CHIEF, BUREAU OF HIGHWAYS H3	<u>//-29-06</u> DATE
APPROVED: DEPARTMENT OF PLANNING A	ND ZONING
Cottante	12/5/06
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE
CHIEF, DEVELOPMENT ENGINEERING DIVISION	LZ/1/06

## HOWARD COUNTY, MARYLAND



PLAN VIEW SCALE 1"=100'



SCALE 1"=2000'

50BA (N) 527,561.678 (E) 1,359,772.604

50B5 (N) 524,999.375 (E) 1,357,925.748

BENCHMARK INFORMATION THE BEARINGS SHOWN ON THIS PLAT ARE REFERRED TO THE SYSTEM OF COORDINATES ESTABLISHED IN THE MARYLAND COORDINATE SYSTEM (NAD 83) AS PROJECTED BY THE FOLLOWING HOWARD COUNTY GEODETIC CONTROL STATIONS:

BEST MANAGEMENT PRACTICES FOR WORKING IN NONTIDAL WETLANDS, WETLAND BUFFERS, WATERWAYS,

) NO EXCESS FILL. CONSTRUCTION MATERIAL, OR DEBRIS SHALL STOCKPILED OR STORED IN THE WETLANDS OR BUFFER. 2) PLACE MATERIALS IN A LOCATION AND MANNER WHICH DOES NO DVERSELY IMPACT SURFACE OR SUBSURFACE WATER FLOW INTO

F THE NONTIDAL WETLAND. 3) DO NOT USE THE EXCAVATED MATERIAL AS BACKFILL IF IT CONTAIN WASTE METAL PRODUCTS, UNSIGHTLY DEBRIS, TOXIC MATERIAL OR ANY OTHER DELETERIOUS SUBSTANCE. IF ADDITIONAL BACKFILL IS REQUIRED, USE CLEAN MATERIAL FREE OF WASTE METAL PRODUCTS, UNSIGHTLY DEBRIS, TOXIC MATERIAL OR ANY OTHER DELETERIOUS SUBSTANCE. ) PLACE HEAVY EQUIPMENT ON MATS OR SUITABLY OPERATE QUIPMENT TO PREVENT DAMAGE TO THE NONTIDAL WETLANDS OR BUFFER REPAIR AND MAINTAIN ANY SERVICEABLE STRUCTURE OR FILL SO THERE NO PERMANENT LOSS OF NONTIDAL WETLANDS IN EXCESS OF NONTIDAL WETLANDS LOST UNDER THE ORIGINAL STRUCTURE OR FILL. 6) RECTIFY ANY NONTIDAL WETLANDS TEMPORARILY IMPACTED BY ANY

7) ALL STABILIZATION IN THE WETLAND AND BUFFER SHALL BE OF THE FOLLOWING RECOMMENDED SPECIES: ANNUAL RYEGRASS (LOLIUIN MULTIFLORUM), MILLET (SETARIA ITALICA), BARLEY (HORDEUM SP.), OATS (UNIOLA SP.), AND/OR RYE (SECALE CEREALE). THESE SPECIES WILL ALLOW FOR THE STABILIZATION OF THE SITE WHILE ALSO ALLOWING FOR THE VOLUNTARY REVEGETATION OF NATURAL WETLAND SPECIES. OTHER NON-PERSISTENT VEGETATION MAY BE ACCEPTABLE, BUT MUST BE APPROVED BY THE DIVISION. <u>KENTUCKY 33 FESCUE SHALL NOT BE</u> UTILIZED IN THE WETLAND OR BUFFER AREAS SEEDED AND MULCHED TO REDUCE EROSION AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.

8) AFTER INSTALLATION HAS BEEN COMPLETED, MAKE POST CONSTRUCTION GRADES AND ELEVATIONS OF NONTIDAL WETLANDS THE SAME AS THE ORIGINAL GRADES AND ELEVATIONS IN TEMPORARILY IMPACTED AREAS. 9) TO PROTECT AQUATIC SPECIES, IN-STREAM WORK IS PROHIBITED AS DETERMINED BY THE CLASSIFICATION OF THE STREAM. USE I WATERS: IN-STREAM WORK SHALL NOT BE CONDUCTED DURING THE PERIOD MARCH 1 THROUGH JUNE 15, INCLUSIVE, DURING ANY YEAR.

10) STORMWATER RUNOFF FROM IMPERVIOUS SURFACES SHALL BE CONTROLLED TO PREVENT THE WASHING OF DEBRIS INTO THE WATERWAY. 11) CULVERTS SHALL BE CONSTRUCTED AND ANY RIPRAP PLACED SO AS NOT TO OBSTRUCT THE MOVEMENT OF AQUATIC SPECIES, UNLESS THE PURPOSE OF THE ACTIVITY IS TO IMPOUND WATER.

### SITE ANALYSIS:

DENSITY TABULATION			
NUMBER OF PROPOSED PARCELS	: 2		
AREA OF LOTS AND/OR PARCELS		2.97064	ACRES
AREA OF ROADWAYS INCLUDING WIDENING STRIPS		0.57670 A	CRES
AREA OF PROPOSED PARCEL TO I	BE RECORDED	3.54734 A	ACRES
100-YEAR FLOODPLAIN	0.00 AC.		
STEEP SLOPES OUTSIDE FLOODPLAIN	0.0 AC.		
NET AREA OF PARCEL			
APPROXIMATE LIMIT OF DISTURBANCE	: 0.6 AC.		

GENERAL SITE DATA PRESENT ZONING: PROPOSED USE OF SITE: PROPOSED WATER SYSTEM:

PROPOSED SEWER SYSTEM:

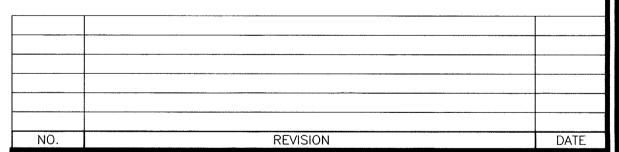
ANRA/

VONAL

Later Com ROBERT H VOGEL, PE #1619 CAC

RETAIL AND APARTMENT UNITS PUBLIC

SHEET INDEX	
DESCRIPTION	SHEET NO.
COVER SHEET	1 OF 9
EXISTING CONDITION PLAN	2 OF 9
PUBLIC ROAD RIGHT-OF-WAY - HILL STREET & STREET TREE PLANTINGS & DETAILS	3 OF 9
GRADING AND SEDIMENT & EROSION CONTROL PLAN	4 OF 9
STORM DRAIN DRAINAGE AREA MAP	5 OF 9
STORM DRAIN PROFILE AND DETAILS	6 OF 9
ROAD IMPROVEMENTS AND CROSS & DETAILS PUBLIC ROAD RIGHT-OF -WAY, WASHINGTON BOULEVARD	7 OF 9
PUBLIC RIGHT-OF-WAY TRAFFIC SIGNS AND DETAILS - WASHINGTON BOULEVARD	8 OF 9
PUBLIC RIGHT-OF-WAY CONSTRUCTION DETAILS - WASHINGTON BOULEVARD	9 OF 9



FINAL ROAD CONSTRUCTION PLAN COVER SHEET

PATUXENT SQUARE APARTMENTS AND RETAIL CENTER PARCEL A AND NON-BUILDABLE PARCEL B OF THE NORTH LAUREL SUBDIVISION A RESUBDIVISION OF LOTS 1 THRU 10, BLOCK 4 AND 9,10 AND 19 THRU 22 & BLOCK 6 TAX MAP 50 GRID 4, BULK PARCEL A, A RESUBDIVISION OF

**6TH ELECTION DISTRICT** LOTS 1 THRU 10, BLOCK 4 AND LOTS 9, 10 REF:S-05-03 AND 19 THRU 22, BLOCK 6, NORTH LAUREL PARK ROBERT H. VOGEL

#### Engineering, Inc. ENGINEERS • SURVEYORS • PLANNERS 8407 MAIN STREET TEL: 410.461.7666 ELLICOTT CITY, MD 21043 FAX: 410.461.8961 OF MARL

DESIGN BY: \_\_\_\_\_ DRAWN BY: \_\_\_\_\_RJ\MY\_ CHECKED BY:\_\_\_\_ RHV DATE: 10-31-2006 SCALE: AS SHOWN W.O. NO.: \_\_\_\_ 04-11.00

#### OWNER

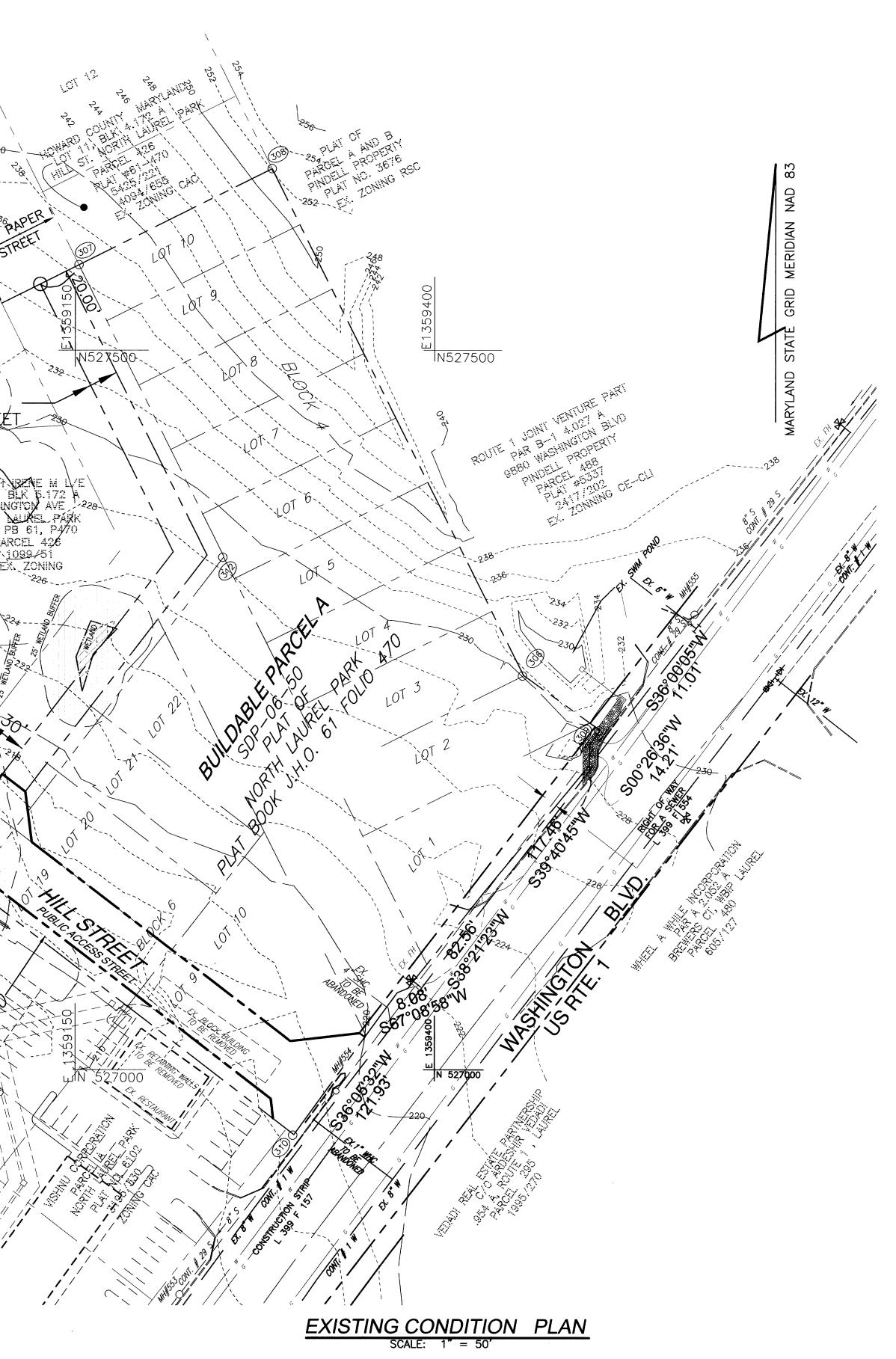
HOWARD COUNTY HOUSING COMMISSION C/O LEONARD VAUGHAN 6751 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046-2164

#### DEVELOPER

DEVELOPER ORCHARD DEVELOPMENT C/O SCOTT ARMIGER 5032 DORSEY HALL DRIVE ELLICOTT CITY, MARYLAND 21042

SHEET 9

	-24
	EX.
	WASHINGTON AVENUE RIGHT OF WAY DEDICATION
	RIGHT OF WAY DEDICATION
	WASH NORTH DIATA
	SCOVIICH IRENE M/ 1/E
	SCOVIICH IRENE M/ 1/E LOT 92 NORTH LAUREL PARK PARCEL 426 PLAT# 7B 61, 7470 1097/51 EX. ZONING/R-SC
	EX. ZONING/R-SC
	A PA CO
	No. She
APPROVED: DEPARTMENT OF PUBLIC WORKS	
Million T. Man 11-29-06 CHIEF, BUREAU OF HIGHWAYS MS DATE ====================================	
APPROVED: DEPARTMENT OF PLANNING AND ZONING	
CHIEF, DIVISION OF LAND DEVELOPMENT S DATE 12/5/06 MOLOGULART 12/1/04	
CHIEF, DEVELOPMENT ENGINEERING DIVISION (M) DATE	



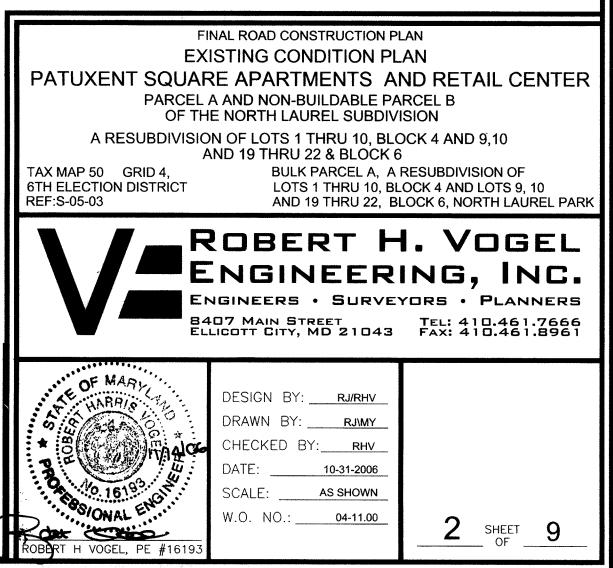
COORDINATE LIST				
POINT	NORTH	EAST		
306	527274.05700	1359461.90600		
308	527626.16003	1359286.87408		
309	527235.93687	1359515.14501		
310	526954.89800	1359302.25099		
313	527359.88755	1359218.22573		
314	527546.03518	1359125.69093		
315	527146.03479	1359053.74334		

OWNER

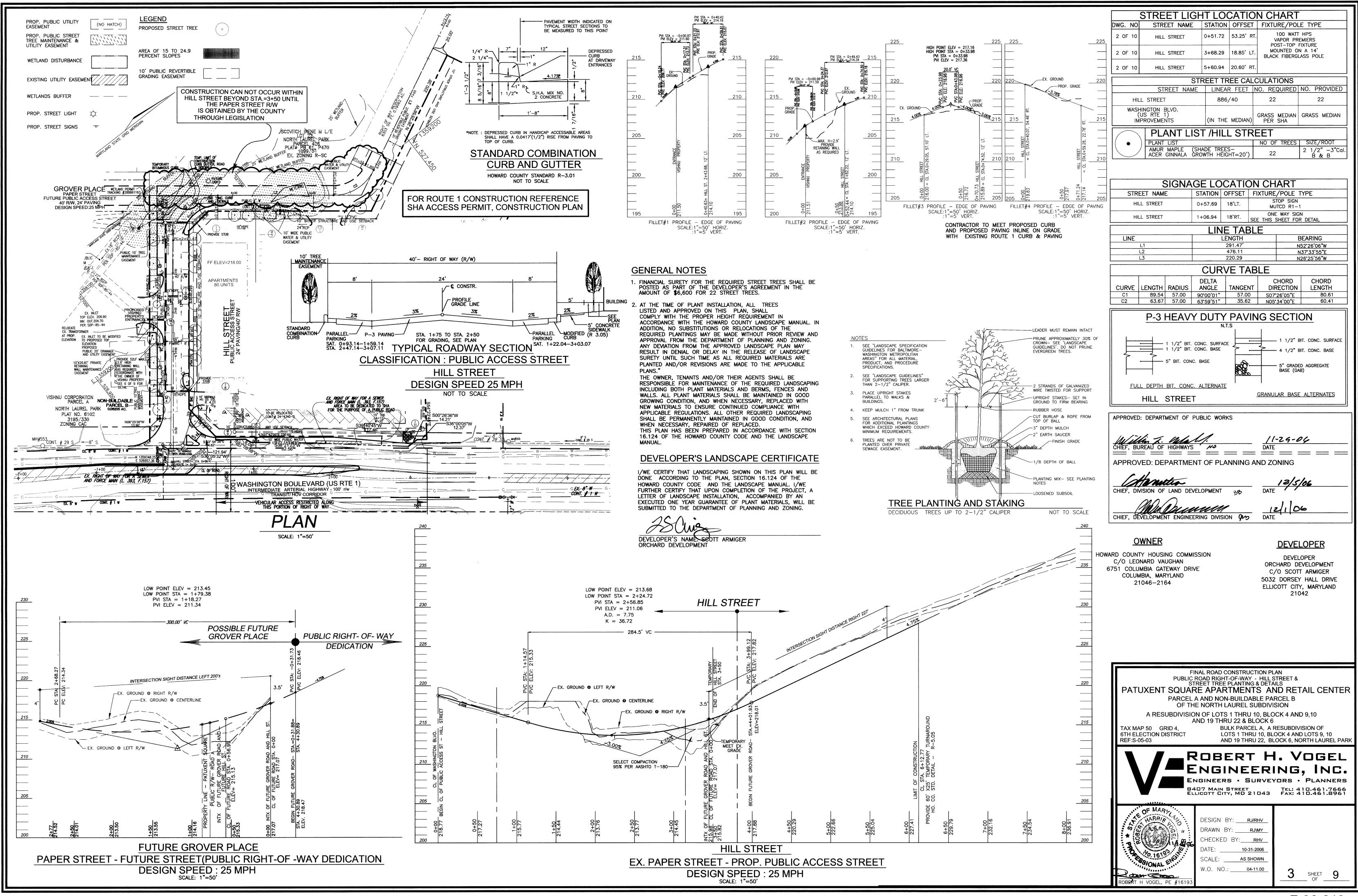
HOWARD COUNTY HOUSING COMMISSION C/O LEONARD VAUGHAN 6751 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046-2164

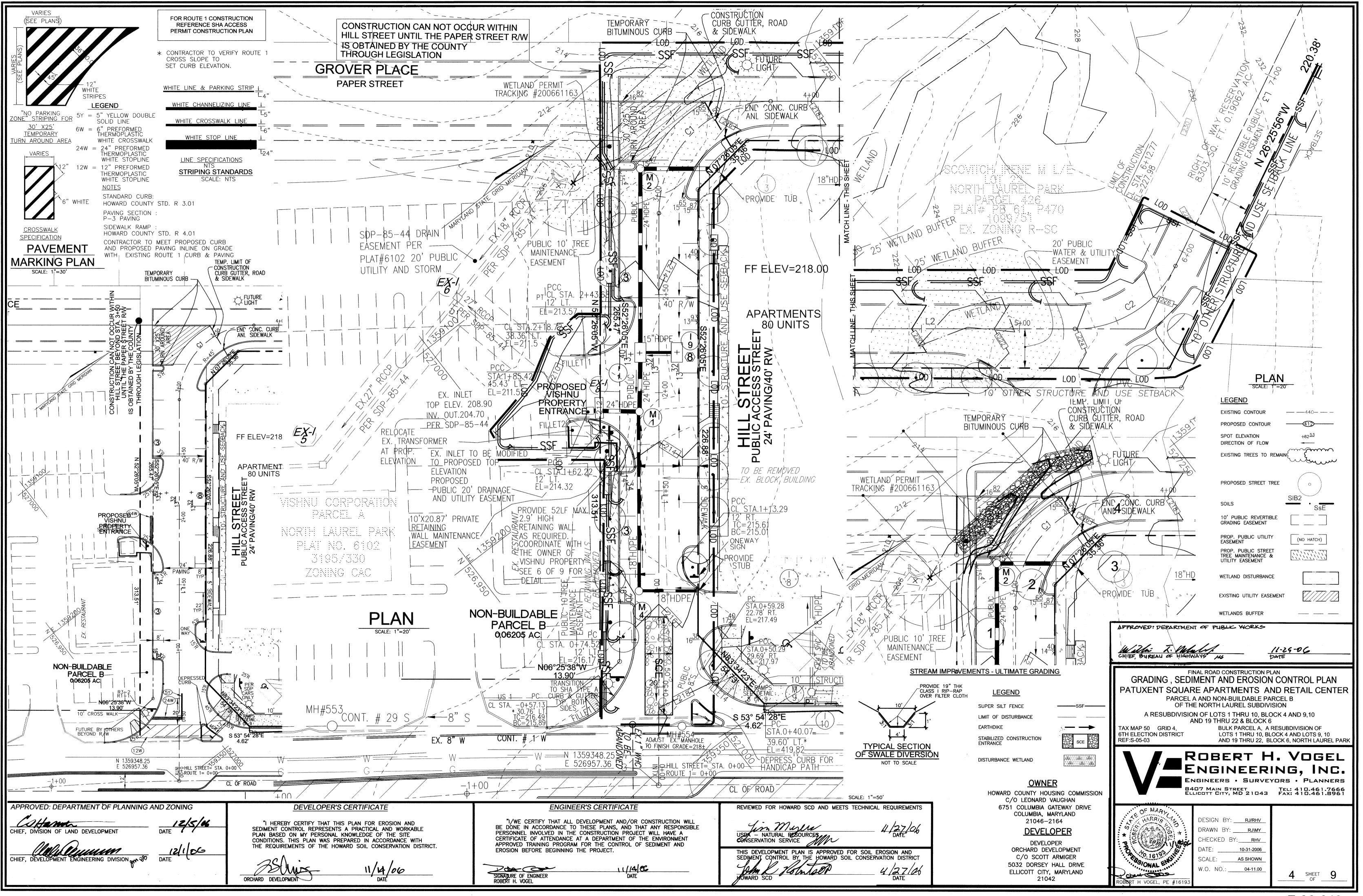
<u>DEVELOPER</u>

DEVELOPER ORCHARD DEVELOPMENT C/O SCOTT ARMIGER 5032 DORSEY HALL DRIVE ELLICOTT CITY, MARYLAND 21042

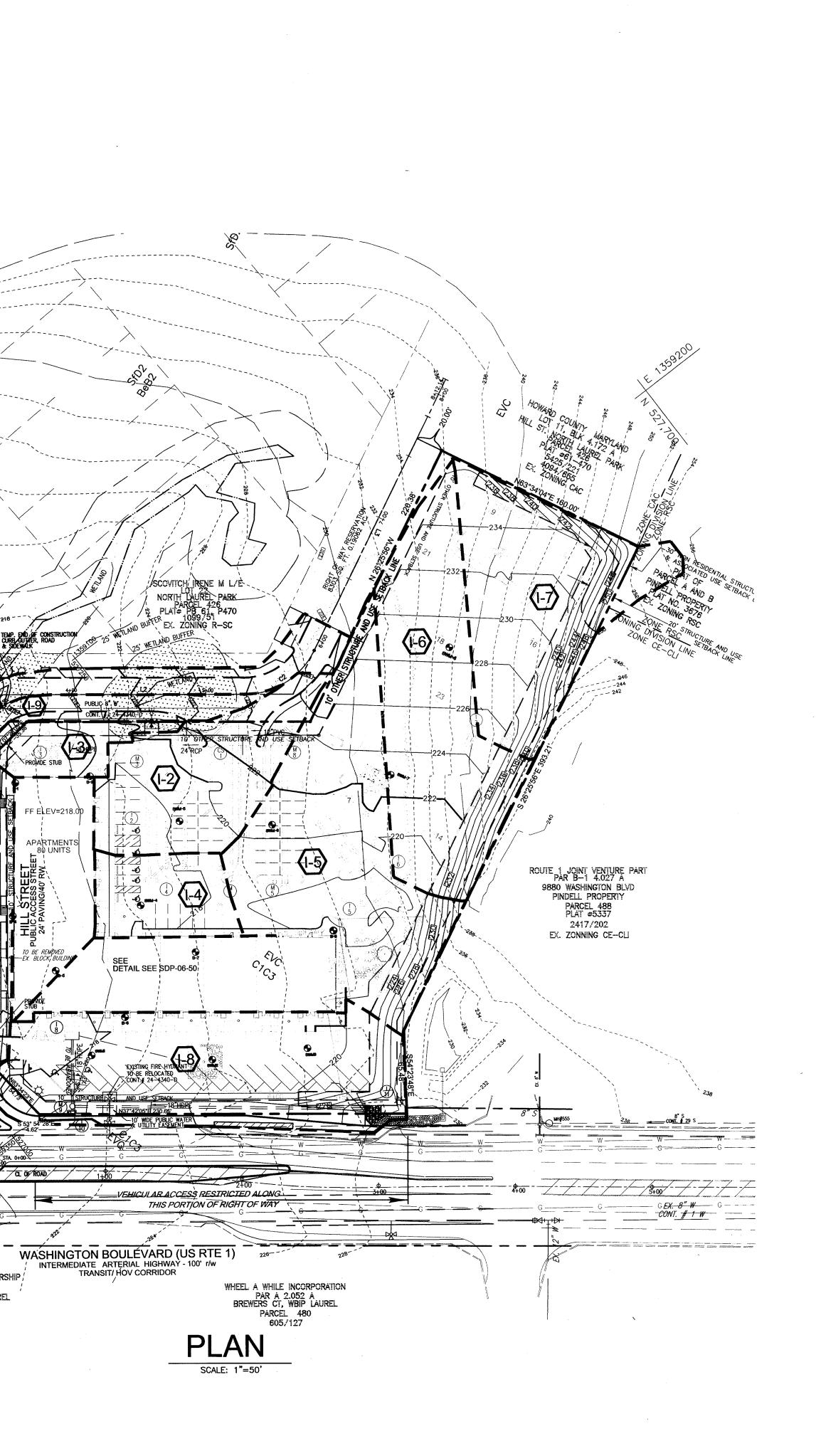


F-06-213





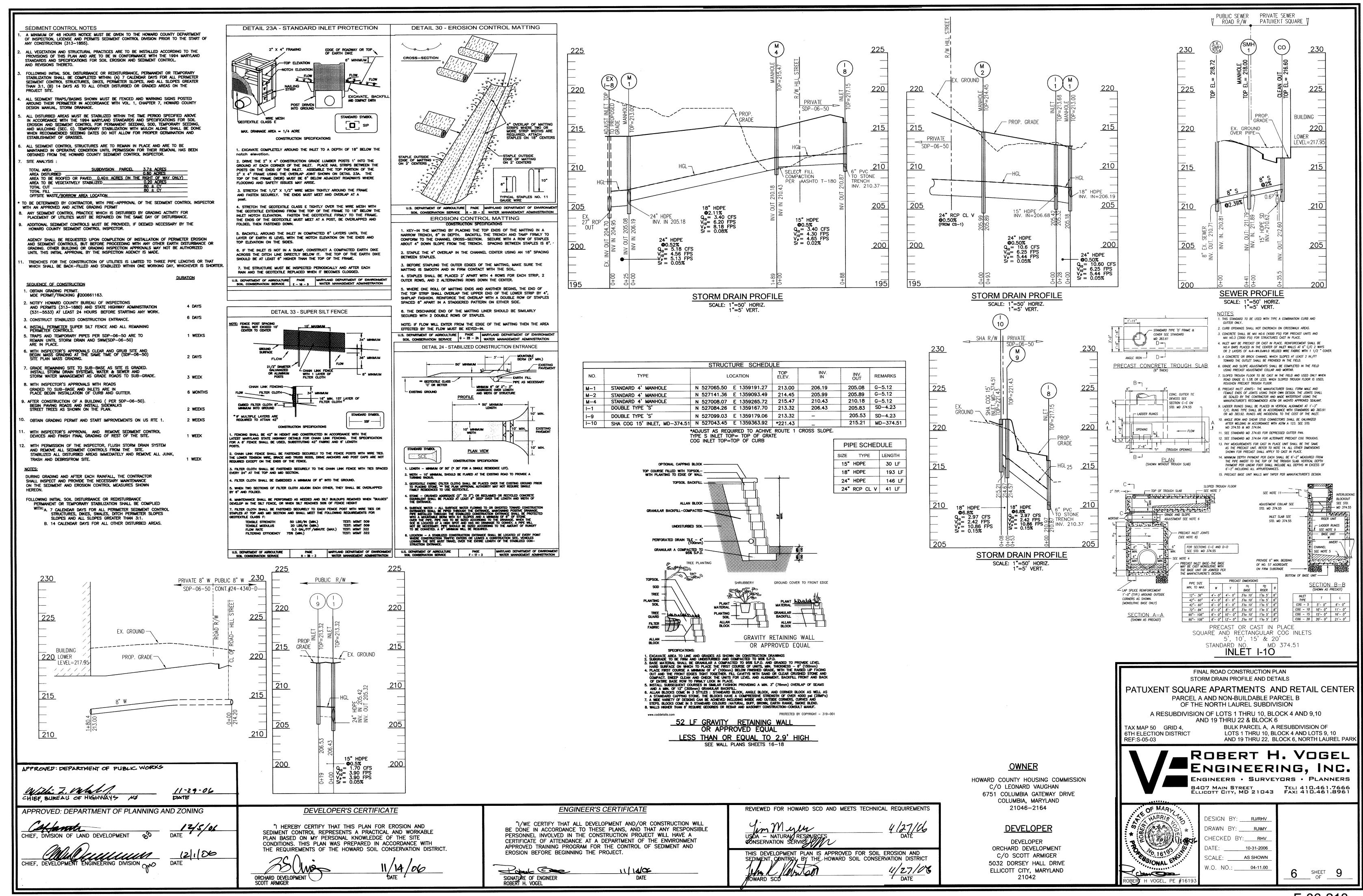
SPP-85-44 DRAIN TO EASEMENT PER PLAT#6102 20' PUBLIC UTILITY AND STORM TOP ELEV. INV. OUT.204 EX-I, ==1<u>}\_\_\_</u> \_\_\_\_ \_ \_\_\_\_ ~ ~ ~ SHNU CORPORATION PARCEL A ORIH LAUREL PARK PLAT NO. 6102 3195/330 ZONING CAC \_\_\_\_\_ NON BUILDABLE XRCEL E MH#553 CONT. # 29 1  $\sim$ 00 1/ \_ \_ / \_ / \_ / Contraction of Contra -----XEDADI REAL ESTATE PARTNERSHIP! APPROVED: DEPARTMENT OF PUBLIC WORKS C/O ARDESHIR VEDADI .954 A, ROUIE 1 , LAUREL PARCEL 295 1995/270 11-29-06 DATE CHIEF, BUREAU OF HIGHWAYS HS \_\_\_\_\_ APPROVED: DEPARTMENT OF PLANNING AND ZONING CHIEF, DIVISION OF LAND DEVELOPMENT BD 12/5/06 DATE CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE 12/100



SOILS LEGEND		
NAME / DESCRIPTION	K VALUE	TYPE
EVESBORO LOAMY SAND, 5% TO 15% SLOPE	.17	А
CHILLUM GRAVELLY LOAM, 5%-10% SLOPES, SEVERELY ERODED	.43	В
BELTSVILLE SILT LOAM, 1% TO 5% SLOPES, MODERATELY	.43	С
	NAME / DESCRIPTION EVESBORO LOAMY SAND, 5% TO 15% SLOPE CHILLUM GRAVELLY LOAM, 5%-10% SLOPES, SEVERELY ERODED	NAME / DESCRIPTIONK VALUEEVESBORO LOAMY SAND, 5% TO 15% SLOPE.17CHILLUM GRAVELLY LOAM, 5%-10% SLOPES, SEVERELY ERODED.43

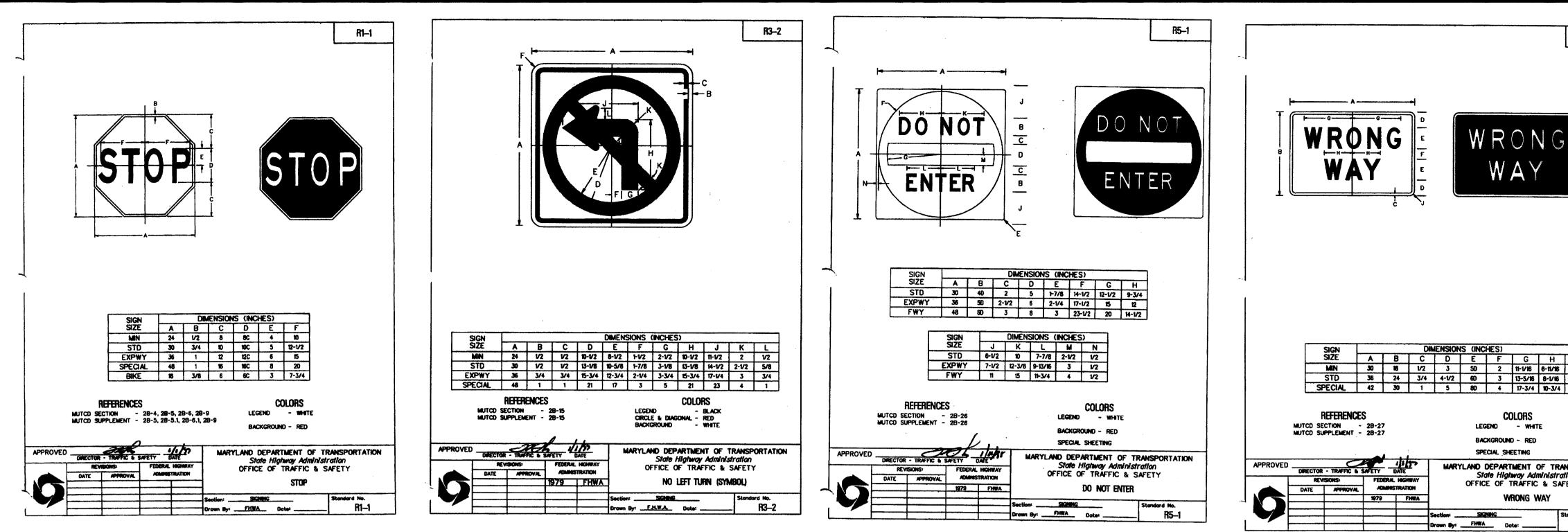
	STORM		HART	
INLET NO.	AREA(AC.)	ZONE	'C' FACTOR	IMP.
I—1	0.31	CAC	0.72	85%
I-3	0.09	CAC	0.72	85%
1-4	0.68	CAC	0.72	85%
I–5	0.82	CAC	0.72	85%
I-6	0.42	CAC	0.72	85%
1–7	0.42	CAC	0.72	85%
18	0.53	CAC	0.72	85%
I9	0.32	CAC	0.72	85%

DEVELOPER <u>OWNER</u> HOWARD COUNTY HOUSING COMMISSION DEVELOPER ORCHARD DEVELOPMENT C/O LEONARD VAUGHAN C/O SCOTT ARMIGER 6751 COLUMBIA GATEWAY DRIVE 5032 DORSEY HALL DRIVE ELLICOTT CITY, MARYLAND COLUMBIA, MARYLAND 21046-2164 21042 REVISION DATE NO. FINAL ROAD CONSTRUCTION PLAN STREAM IMPROVMENTS PATUXENT SQUARE APARTMENTS AND RETAIL CENTER PARCEL A AND NON-BUILDABLE PARCEL B OF THE NORTH LAUREL SUBDIVISION A RESUBDIVISION OF LOTS 1 THRU 10, BLOCK 4 AND 9,10 AND 19 THRU 22 & BLOCK 6 BULK PARCEL A, A RESUBDIVISION OF LOTS 1 THRU 10, BLOCK 4 AND LOTS 9, 10 AND 19 THRU 22, BLOCK 6, NORTH LAUREL PARK TAX MAP 50 GRID 4, 6TH ELECTION DISTRICT REF:S-05-03 ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS • SURVEYORS • PLANNERS 8407 MAIN STREET TEL: 410.461.7666 ELLICOTT CITY, MD 21043 FAX: 410.461.8961 OF MARL DESIGN BY: RJ/RHV DRAWN BY: RJIMY CHECKED BY: RHV 10-31-2006 SCALE: AS SHOWN W.O. NO.: 04-11.00 5 SHEET 9 bet cos H VOGEL, PE #1619 OBEDT F-06-213

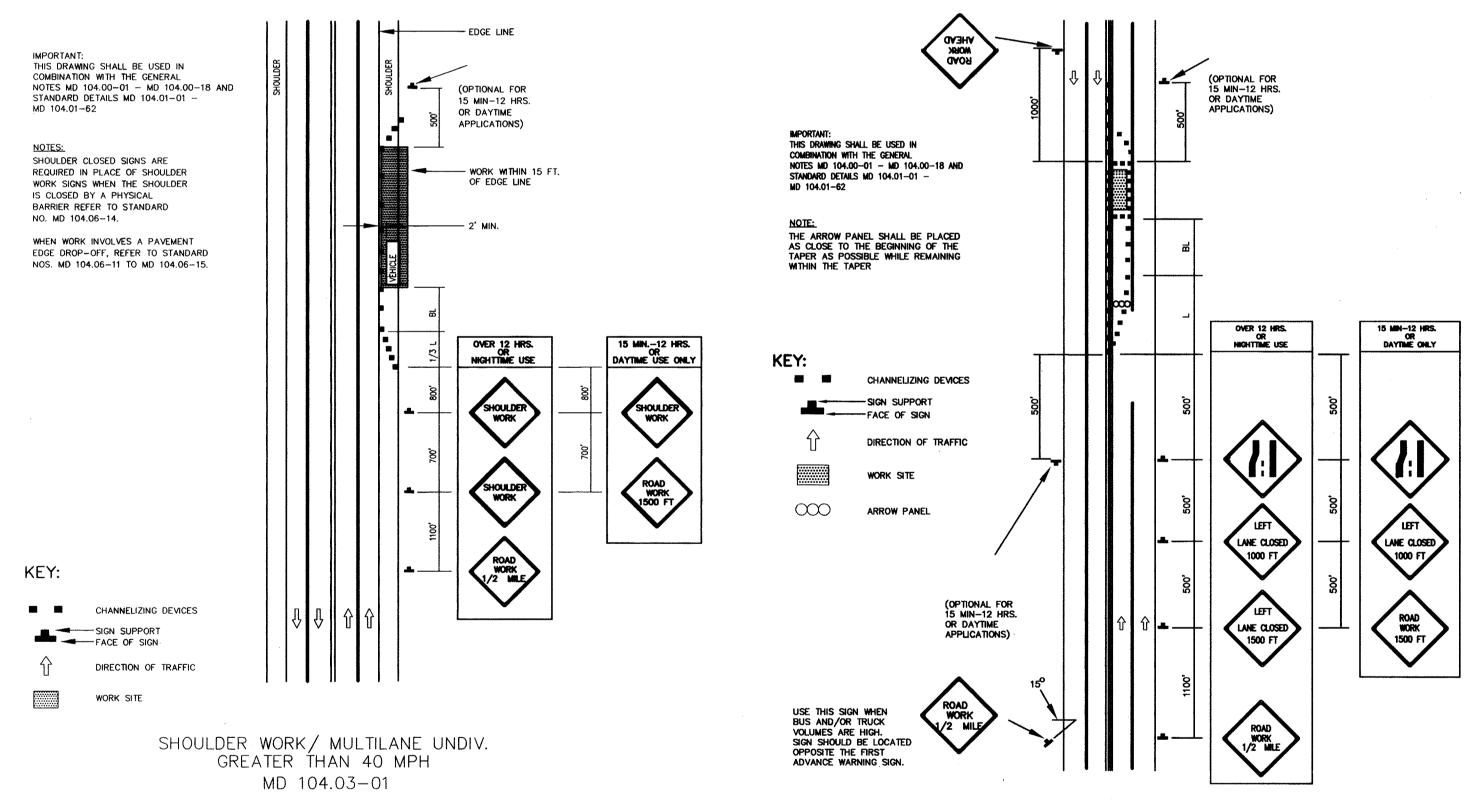


ENGINEER'S CERTIFICATE	REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS
"I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND	USDA - NATURAL RESOURCES ONSERVATION SERVICE
EROSION BEFORE BEGINNING THE PROJECT.	THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
SIGNATURE OF ENGINEER DATE ROBERT H. VOGEL	HOWARD SCD 4/27/06 DATE

F-06-213

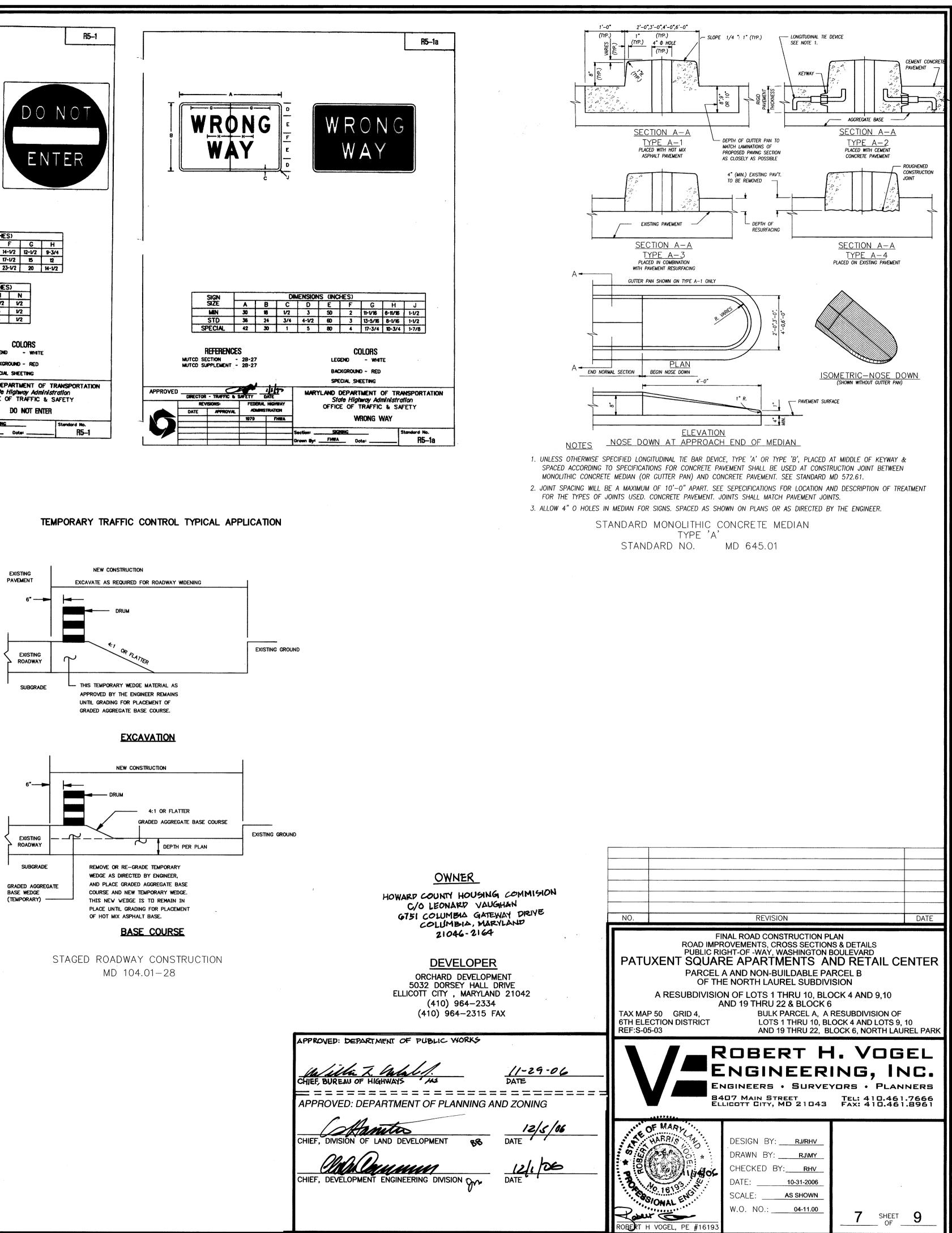


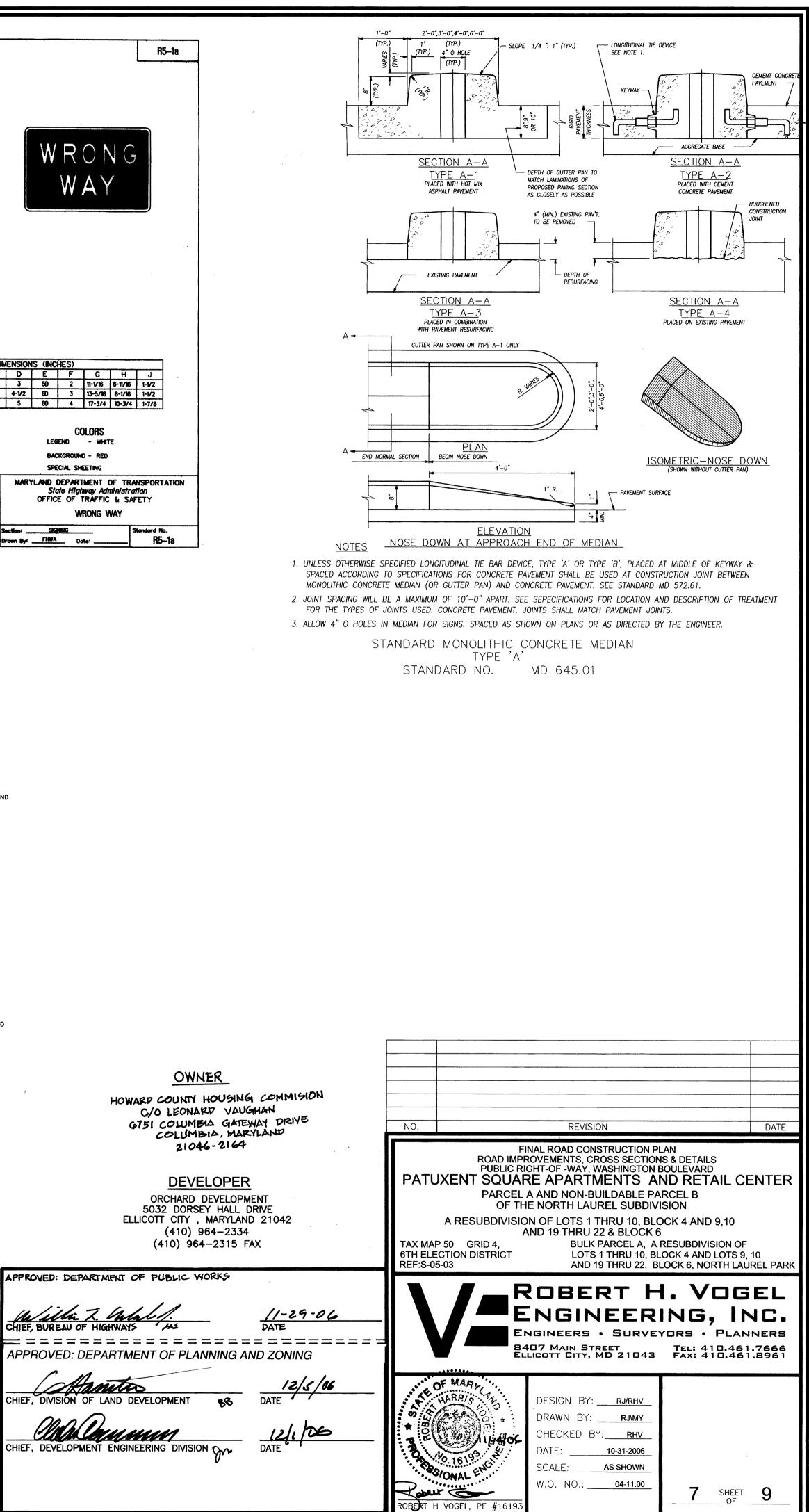
TEMPORARY TRAFFIC CONTROL TYPICAL APPLICATION

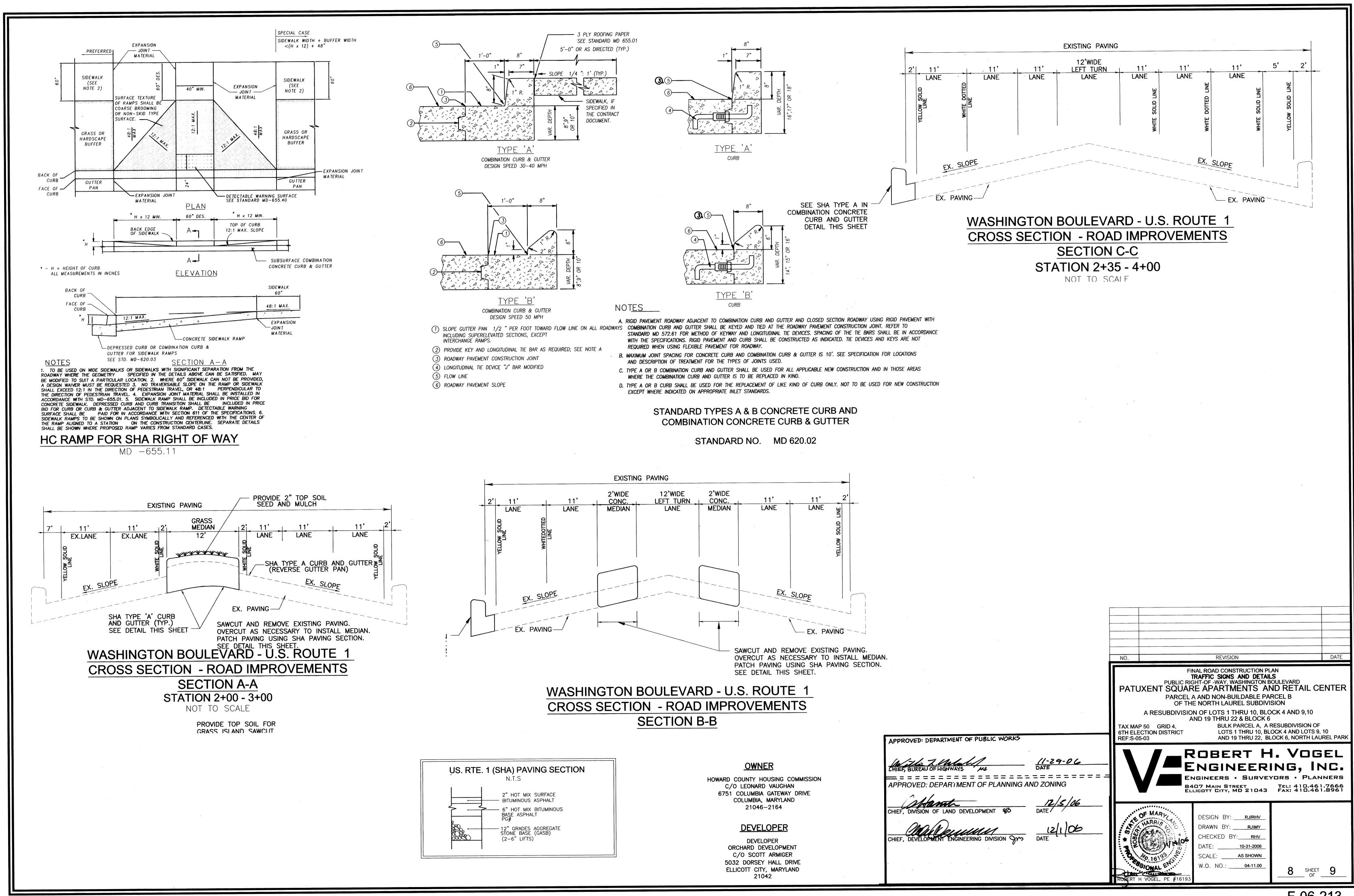


TEMPORARY TRAFFIC CONTROL TYPICAL APPLICATION

LEFT LANE CLOSURE/MULTILANE UNDIV. EQL/LESS THAN 40 MPH MD 104.03-04

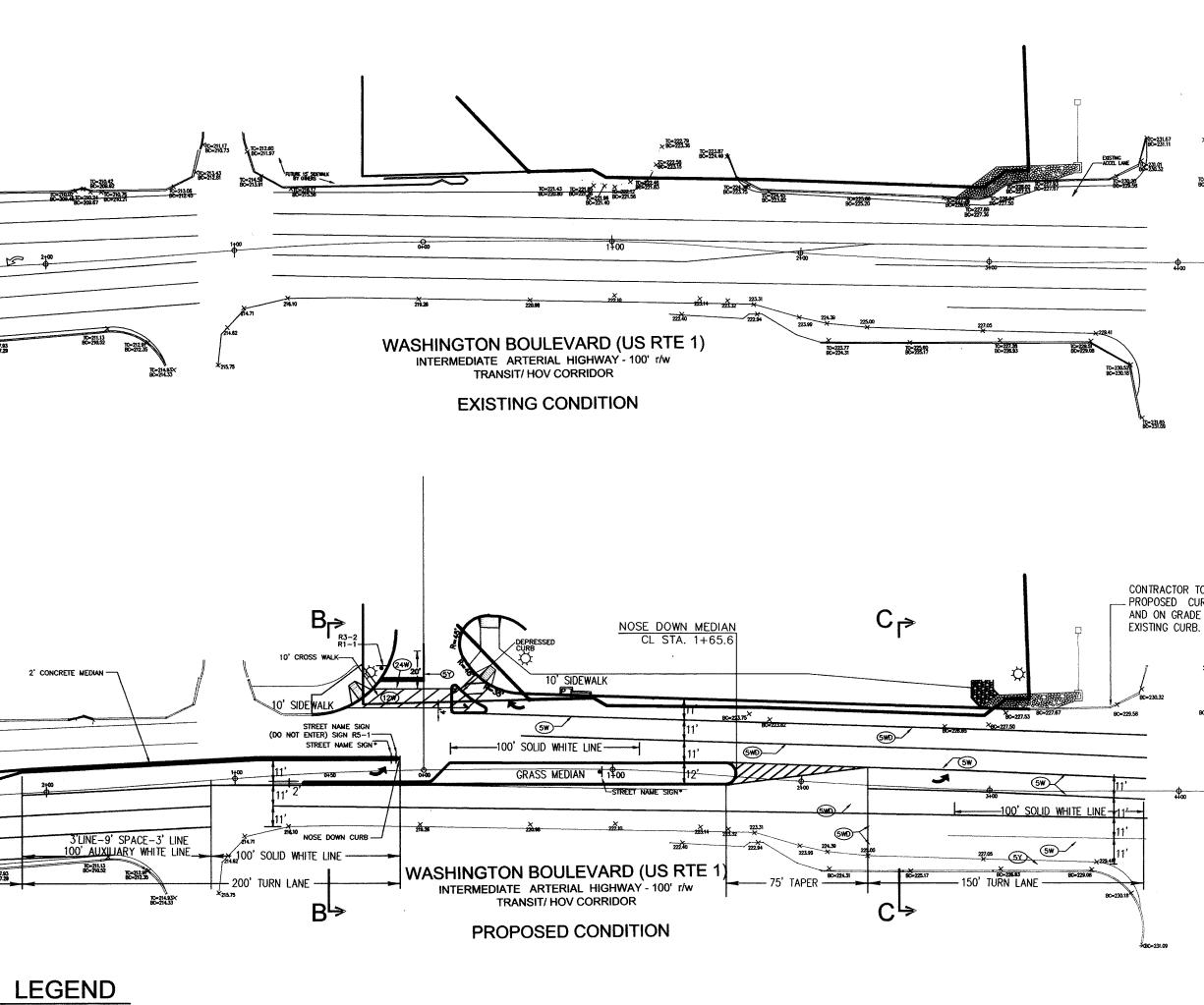






F-06-213

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	148.17		8-107.35 80-107.35	15-2013 8-2014	<b>R</b> 81% <sup>1</sup>		
	25-182.88 25-188.38						
			SAWCUT PAVING & F	REMOVE PAVING	∟⇒A		2' CO
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APPROVED: DEPARTMENT OF PUBLIC WC							
Mille 7. Mall. CHIEF, BUREAU OF HIGHWAYS HE	<u>/1-29-06</u> Date						
APPROVED: DEPARTMENT OF PLAN							
CHIEF, DIVISION OF LAND DEVELOPMENT CHIEF, DEVELOPMENT ENGINEERING DIVISIO	NO DATE						
Child Development children philes	24 12/1/06						
uther, development engineering divise	when the						



STREET LIGHT

SIGN\*

STREET NAME SIGN SHALL BE FABRICATED BY HOWARD COUNTY.

ROAD IMPROVEMENTS FOR US1

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THIS SHEET FOR INFORMATION ONLY. FOR ROUTE 1 CONSTRUCT REFERENCE SHA ACCESS PERMIT CONDITIONS AND PLAN.

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	NO.	REVISION	١		DATE
		FINAL ROAD CONS CONSTRUCTION DETAILS WASHINGTON E SQUARE APARTM	- PUBLIC RIGHT (	OF WAY	
	-	SQUARE APAR I M PARCEL A AND NON-BUI OF THE NORTH LAUR	LDABLE PARC	EL B	NIER
	A RESU	BDIVISION OF LOTS 1 TH AND 19 THRU 22	HRU 10, BLOCH & BLOCK 6	( 4 AND 9,10	
	TAX MAP 50 GRI 6TH ELECTION DIS REF:S-05-03	TRICT LOTS 1	THRU 10, BLOC	SUBDIVISION OF K 4 AND LOTS 9, 1 K 6, NORTH LAUI	10 REL PARK
		ROBER	хт Н.	Vog	EL
		ENGINEERS ·			
		8407 MAIN STRI Ellicott City, M			
ION	ALE OF MAR	DESIGN BY: _	R.1/RH\/		
Т	A AABRIS	DRAWN BY:	RJ\MY		
		CHECKED BY:	10-31-2006		
	SIONAL E	SCALE:            W.O.         NO.:		9 SHEET	9
	ROBERT H VOGEL, P	E #16193	-		