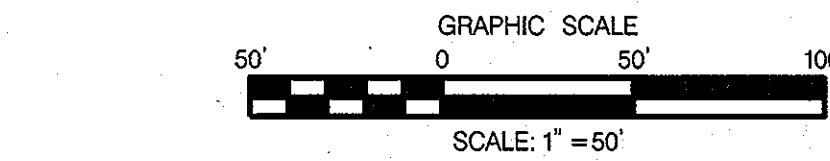


SITE ANALYSIS DATA SHEET		
ENVIRONMENTAL AREA	SIZE OR USE	
TOTAL PROJECT AREA	6.30 ACRES +/-	
LIMIT OF DISTURBANCE	6.30 ACRES +/-	
GREEN OPEN AREA (LAWN)	1.60 ACRES +/-	
IMPERVIOUS AREA WITHIN LOD	4.7 ACRES +/-	
PROPOSED SITE USES	COMMERCIAL	
WETLANDS	0.03 ACRES +/-	
WETLAND BUFFERS	0.13 ACRES +/-	
FLOODPLAINS	NONE	
FLOODPLAIN BUFFERS	NONE	
EXISTING FOREST	NONE	
SLOPES GREATER THAN 15%	1.87 ACRES +/-	
HIGHLY ERODIBLE SOILS	NONE	

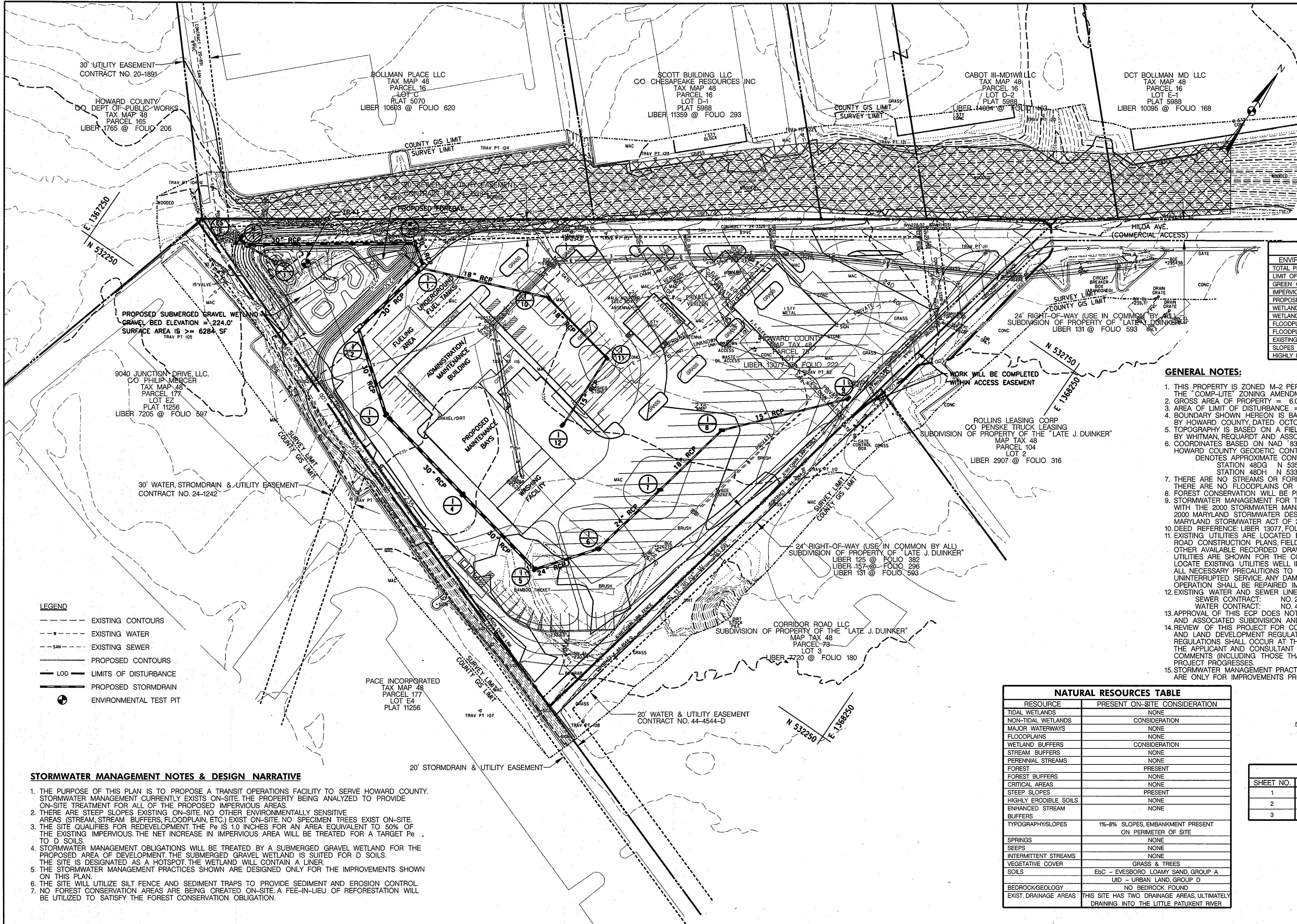
- GENERAL NOTES:**
- THIS PROPERTY IS ZONED M-2 PER THE 02/02/04 COMPREHENSIVE ZONING PLAN AND THE "COMP-LITE" ZONING AMENDMENTS EFFECTIVE 07/28/06.
 - GROSS AREA OF PROPERTY = 6.08AC +/-.
 - AREA OF LIMIT OF DISTURBANCE = 6.30AC.
 - BOUNDARY SHOWN HEREON IS BASED ON A BOUNDARY SURVEY PREPARED BY HOWARD COUNTY DATED OCTOBER 2011.
 - TOPOGRAPHY IS BASED ON A FIELD RUN TOPOGRAPHICAL SURVEY PREPARED BY WHITMAN, REQUARDT AND ASSOCIATES, DATED FEBRUARY 2, 2012.
 - COORDINATES BASED ON NAD '83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATION NO. 48DG AND NO. 48DH. DENOTES APPROXIMATE CONTROL STATION LOCATION (SEE VICINITY MAP). STATION 48DG N 535,073.399 E 1,366,524.525 ELEV. 206.674 STATION 48DH N 533,615.392E 1,368,378.368 ELEV. 220.090
 - THERE ARE NO STREAMS OR FOREST CONSERVATION AREAS ON SITE. THERE ARE NO FLOODPLAINS OR CEMETERIES LOCATED ON-SITE.
 - FOREST CONSERVATION WILL BE PROVIDED AS PART OF THE SITE DEVELOPMENT PLANS.
 - STORMWATER MANAGEMENT FOR THIS PROPERTY WILL BE PROVIDED IN ACCORDANCE WITH THE 2000 STORMWATER MANAGEMENT REGULATIONS, IN ACCORDANCE WITH THE 2000 MARYLAND STORMWATER DESIGN MANUAL VOLUMES I AND II, AS AMENDED BY THE MARYLAND STORMWATER ACT OF 2007.
 - DEED REFERENCE: LIBER 13077 @ FOLIO 225.
 - EXISTING UTILITIES ARE LOCATED BY THE USE OF ANY OR ALL OF THE FOLLOWING: ROAD CONSTRUCTION PLANS, FIELD SURVEY, PUBLIC WATER AND SEWER PLANS AND OTHER AVAILABLE RECORDED DRAWINGS. APPROXIMATE LOCATION OF THE EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTOR'S INFORMATION. CONTRACTORS SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO THE CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
 - EXISTING WATER AND SEWER LINES ON THIS SITE ARE FROM:
SEWER CONTRACT: NO. 20-1891, NO. 24-3328-D, NO. 24-3476-D
WATER CONTRACT: NO. 44-4544-D, NO. 44-4544-D, NO. 24-1242-D
 - APPROVAL OF THIS EOP DOES NOT CONSTITUTE AN APPROVAL OF ANY SUBSEQUENT AND ASSOCIATED SUBDIVISION AND/OR SITE DEVELOPMENT PLANS.
 - 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 SITE DEVELOPMENT PLAN STAGE. THEREFORE, THE APPLICANT AND CONSULTANT SHOULD EXPECT ADDITIONAL AND MORE DETAILED COMMENTS (INCLUDING THOSE THAT MAY ALTER THE OVERALL SITE DESIGN) AS THE PROJECT PROGRESSES.
 - STORMWATER MANAGEMENT PRACTICES DESIGNED AND REPRESENTED ON THIS PLAN ARE ONLY FOR IMPROVEMENTS PROPOSED ON THIS PLAN.

NATURAL RESOURCES TABLE	
RESOURCE	PRESENT ON-SITE CONSIDERATION
TIDAL WETLANDS	NONE
NON-TIDAL WETLANDS	CONSIDERATION
MAJOR WATERWAYS	NONE
FLOODPLAINS	NONE
WETLAND BUFFERS	CONSIDERATION
STREAM BUFFERS	NONE
PERENNIAL STREAMS	NONE
FOREST	PRESENT
FOREST BUFFERS	NONE
CRITICAL AREAS	NONE
STEEP SLOPES	PRESENT
HIGHLY ERODIBLE SOILS	NONE
ENHANCED STREAM BUFFERS	NONE
TYPOGRAPHY/SLOPES	1%-8% SLOPES, EMBANKMENT PRESENT ON PERIMETER OF SITE
SPRINGS	NONE
SEEPS	NONE
INTERMITTENT STREAMS	NONE
VEGETATIVE COVER	GRASS & TREES
SOILS	EBC - EVESBORO LOAMY SAND, GROUP A UID - URBAN LAND, GROUP D
BEDROCK/GEOLOGY	NO BEDROCK FOUND
EXIST. DRAINAGE AREAS	THIS SITE HAS TWO DRAINAGE AREAS, ULTIMATELY DRAINING INTO THE LITTLE PATUXENT RIVER



SHEET INDEX	
SHEET NO.	DESCRIPTION
1	ENVIRONMENTAL CONCEPT PLAN
2	PRELIMINARY GRADING, SEDIMENT & EROSION CONTROL PLAN
3	STORMWATER MANAGEMENT DRAINAGE AREA MAP

OWNER/DEVELOPER
 Howard County
 c/o Mr. Brandon Love, Project Manager
 Department of Public Works, Special Projects
 9250 Bendix Road
 Columbia, Maryland 21045
 410-313-5398



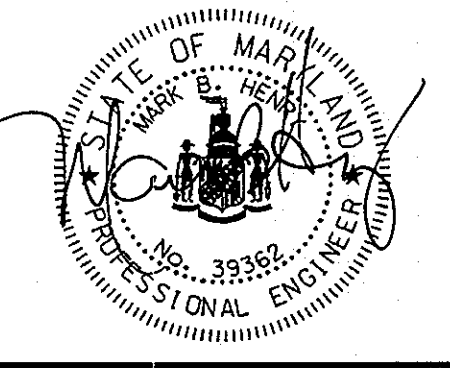
- LEGEND**
- EXISTING CONTOURS
 - - - EXISTING WATER
 - - - EXISTING SEWER
 - - - PROPOSED CONTOURS
 - LOD --- LIMITS OF DISTURBANCE
 - PROPOSED STORMDRAIN
 - ENVIRONMENTAL TEST PIT

STORMWATER MANAGEMENT NOTES & DESIGN NARRATIVE

- THE PURPOSE OF THIS PLAN IS TO PROPOSE A TRANSIT OPERATIONS FACILITY TO SERVE HOWARD COUNTY. STORMWATER MANAGEMENT CURRENTLY EXISTS ON-SITE. THE PROPERTY BEING ANALYZED TO PROVIDE ON-SITE TREATMENT FOR ALL OF THE PROPOSED IMPERVIOUS AREAS.
- THERE ARE STEEP SLOPES EXISTING ON-SITE. NO OTHER ENVIRONMENTALLY SENSITIVE AREAS (STREAM, STREAM BUFFERS, FLOODPLAIN, ETC.) EXIST ON-SITE. NO SPECIMEN TREES EXIST ON-SITE.
- THE SITE QUALIFIES FOR REDEVELOPMENT. THE P_e IS 1.0 INCHES FOR AN AREA EQUIVALENT TO 50% OF THE EXISTING IMPERVIOUS. THE NET INCREASE IN IMPERVIOUS AREA WILL BE TREATED FOR A TARGET P_e TO D SOILS.
- STORMWATER MANAGEMENT OBLIGATIONS WILL BE TREATED BY A SUBMERGED GRAVEL WETLAND FOR THE PROPOSED AREA OF DEVELOPMENT. THE SUBMERGED GRAVEL WETLAND IS SUITED FOR D SOILS. THE SITE IS DESIGNATED AS A HOTSPOT. THE WETLAND WILL CONTAIN A LINER.
- THE STORMWATER MANAGEMENT PRACTICES SHOWN ARE DESIGNED ONLY FOR THE IMPROVEMENTS SHOWN ON THIS PLAN.
- THE SITE WILL UTILIZE SILT FENCE AND SEDIMENT TRAPS TO PROVIDE SEDIMENT AND EROSION CONTROL.
- NO FOREST CONSERVATION AREAS ARE BEING CREATED ON-SITE. A FEE-IN-LIEU OF REFORESTATION WILL BE UTILIZED TO SATISFY THE FOREST CONSERVATION OBLIGATION.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Chief, Division of Land Development
 Chief, Development Engineering Division

RK&K
 CONSULTING ENGINEERS
 81 MOSHER STREET
 BALTIMORE, MARYLAND 21217
 (800)-787-3755



PROFESSIONAL CERTIFICATION
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
 License No. 39362 Expiration Date 09/24/2014

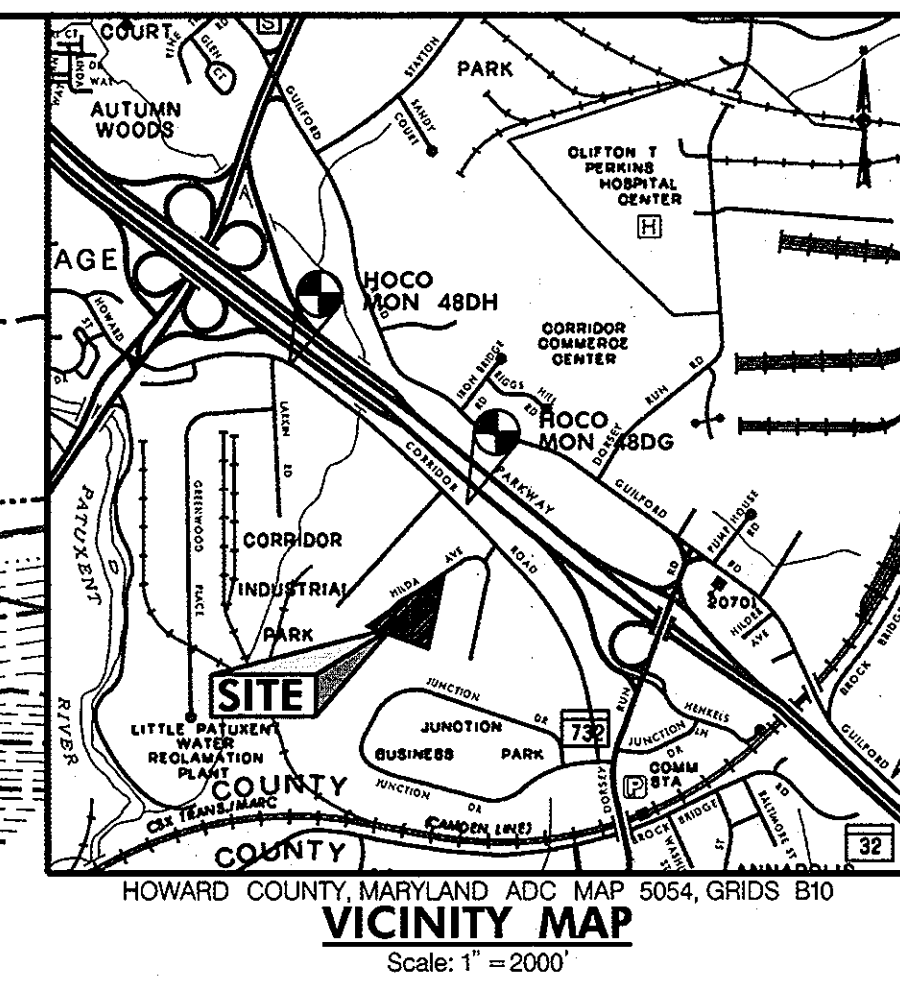
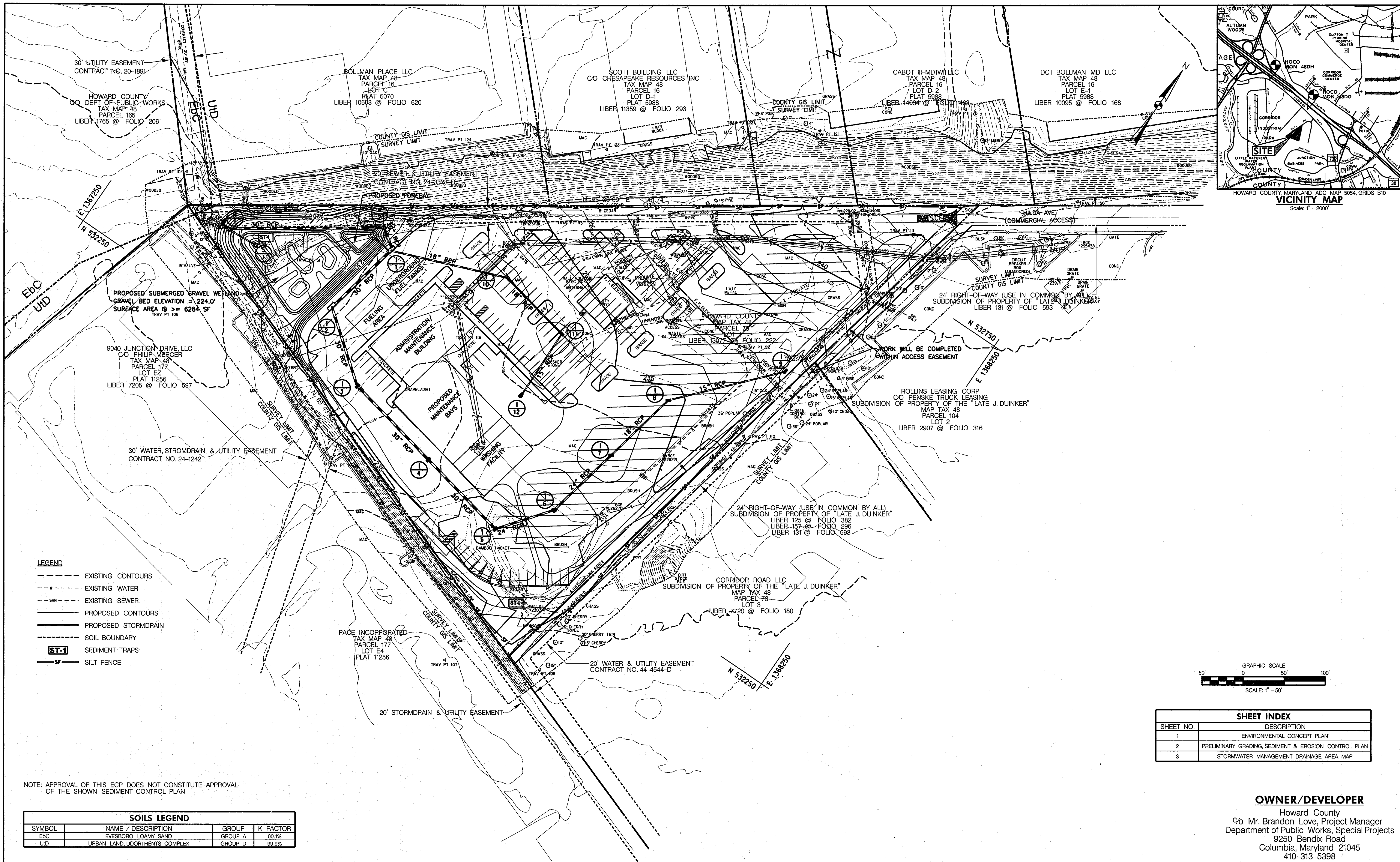
NO.	DESCRIPTION	BY	DATE
		JRN	
		JRN	
		MBH	

ENVIRONMENTAL CONCEPT PLAN
 SCALE: 1" = 50'
 DATE: OCTOBER 12, 2012

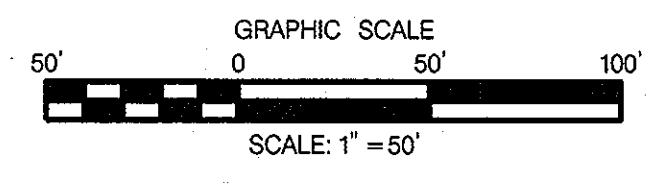
HOWARD COUNTY CENTRAL MARYLAND TRANSIT OPERATIONS FACILITY
 TAX MAP 48 GRID 13
 CAPITAL PROJECT NO: C-0289 PARCEL 75
 6TH ELECTION DISTRICT HOWARD COUNTY, MD

DISCIPLINE ABBREVIATION EC
 SHEET NO. 1 OF 3

DATE: \$ FILE: \$



- LEGEND**
- EXISTING CONTOURS
 - - - EXISTING WATER
 - - - SAN EXISTING SEWER
 - PROPOSED CONTOURS
 - PROPOSED STORMDRAIN
 - SOIL BOUNDARY
 - ST-1 SEDIMENT TRAPS
 - Sf SILT FENCE



SHEET INDEX	
SHEET NO.	DESCRIPTION
1	ENVIRONMENTAL CONCEPT PLAN
2	PRELIMINARY GRADING, SEDIMENT & EROSION CONTROL PLAN
3	STORMWATER MANAGEMENT DRAINAGE AREA MAP

NOTE: APPROVAL OF THIS ECP DOES NOT CONSTITUTE APPROVAL OF THE SHOWN SEDIMENT CONTROL PLAN

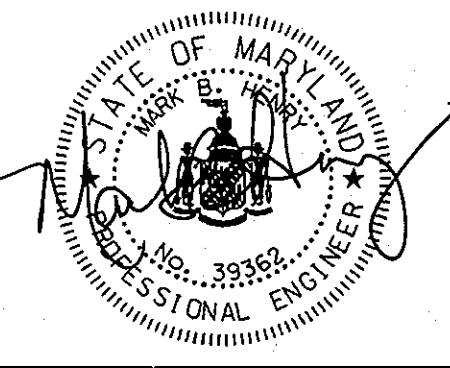
SOILS LEGEND			
SYMBOL	NAME / DESCRIPTION	GROUP	K FACTOR
Ebc	EVESBORO LOAMY SAND	GROUP A	00.1%
UID	URBAN LAND, UDORTHERTS COMPLEX	GROUP D	99.9%

OWNER/DEVELOPER
 Howard County
 % Mr. Brandon Love, Project Manager
 Department of Public Works, Special Projects
 9250 Bendix Road
 Columbia, Maryland 21045
 410-313-5398

11/28/2012
 \$FILES\$

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Brandon Love 12/07/12
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE
William A. Williams 12/10/12
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

RK&K
 CONSULTING ENGINEERS
 81 MOSHER STREET
 BALTIMORE, MARYLAND 21217
 (800)-787-3755



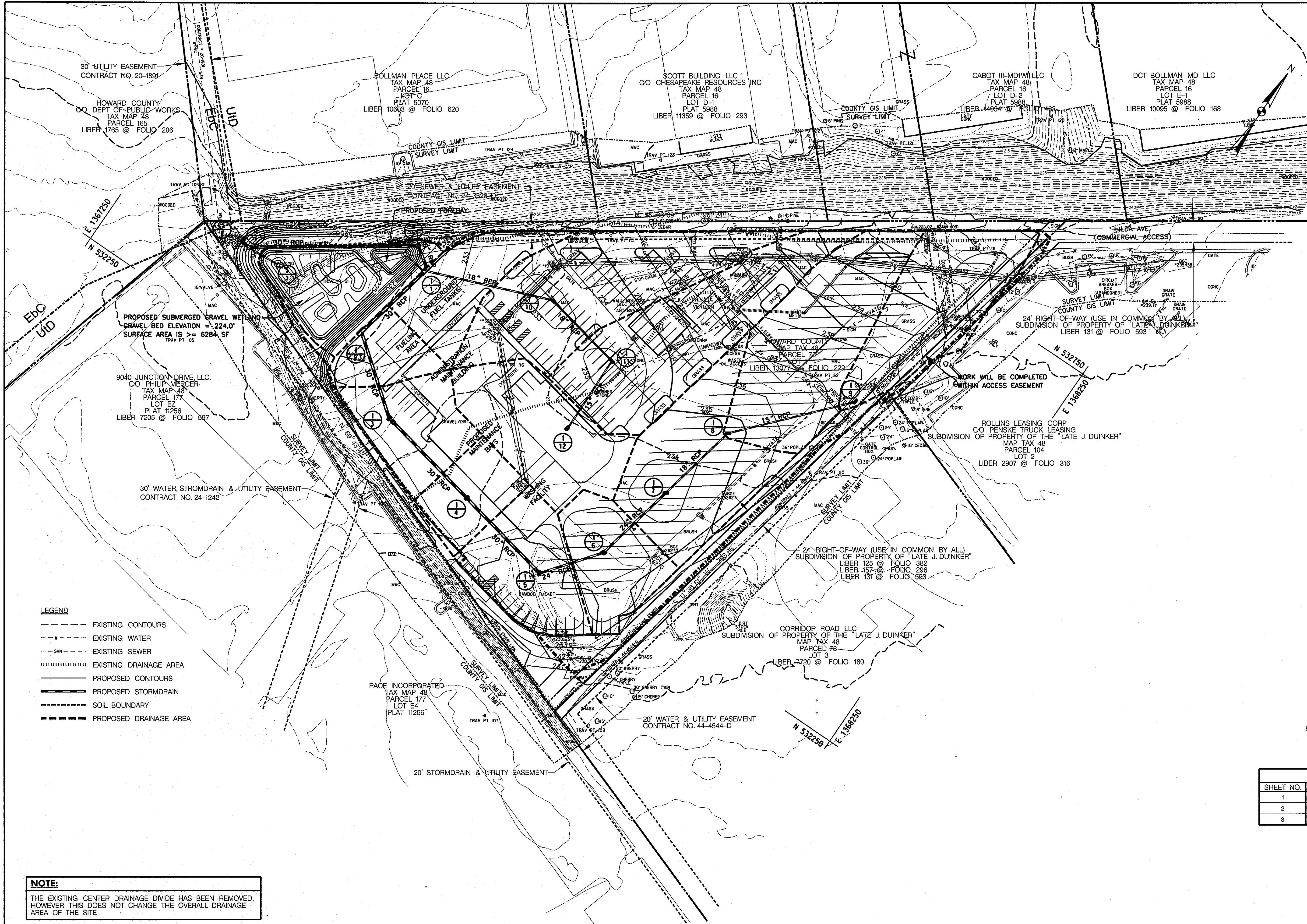
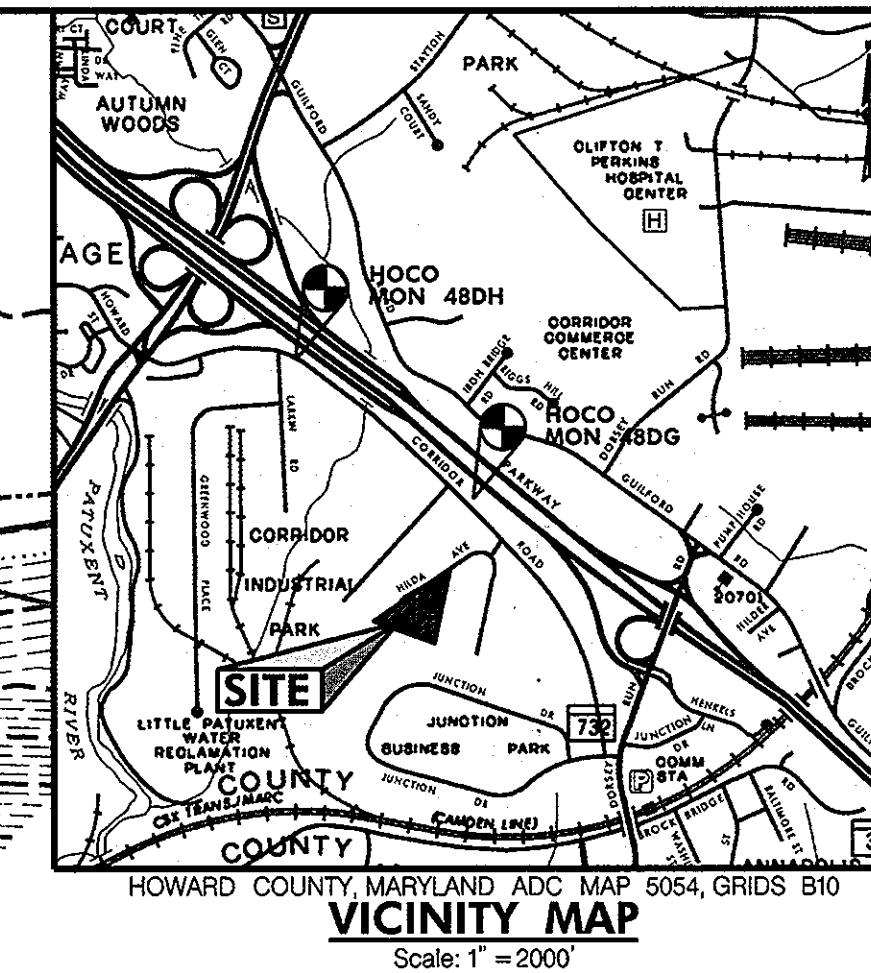
PROFESSIONAL CERTIFICATION
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
 39362 09/24/2014
 License No. Expiration Date

NO.	DESCRIPTION	BY	DATE
		JRN	
		JRN	
		MBH	

PRELIMINARY GRADING
 SEDIMENT & EROSION
 CONTROL PLAN
 SCALE: 1" = 50'
 DATE: OCTOBER 12, 2012

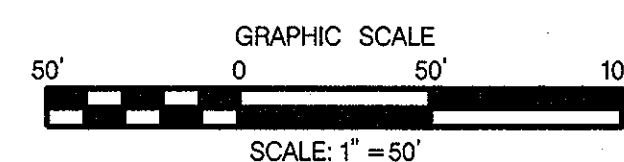
**HOWARD COUNTY
 CENTRAL MARYLAND
 TRANSIT OPERATIONS FACILITY**
 TAX MAP 48 GRID 13
 CAPITAL PROJECT NO: C-0289 PARCEL 75
 6TH ELECTION DISTRICT HOWARD COUNTY, MD

DISCIPLINE ABBREVIATION EC
 SHEET NO. 2 OF 3



- LEGEND**
- - - - - EXISTING CONTOURS
 - - - - - EXISTING WATER
 - - - - - EXISTING SEWER
 - - - - - EXISTING DRAINAGE AREA
 - - - - - PROPOSED CONTOURS
 - - - - - PROPOSED STORMDRAIN
 - - - - - SOIL BOUNDARY
 - - - - - PROPOSED DRAINAGE AREA

NOTE:
THE EXISTING CENTER DRAINAGE DIVIDE HAS BEEN REMOVED, HOWEVER THIS DOES NOT CHANGE THE OVERALL DRAINAGE AREA OF THE SITE

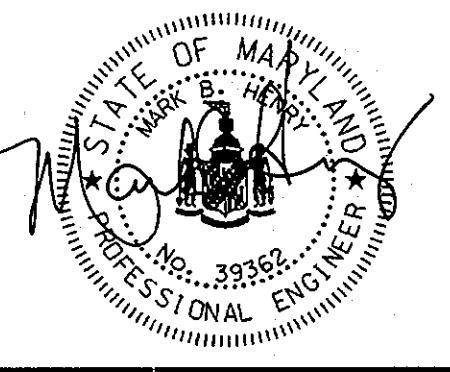


SHEET INDEX	
SHEET NO.	DESCRIPTION
1	ENVIRONMENTAL CONCEPT PLAN
2	PRELIMINARY GRADING, SEDIMENT & EROSION CONTROL PLAN
3	STORMWATER MANAGEMENT DRAINAGE AREA MAP

OWNER/DEVELOPER
Howard County
% Mr. Brandon Love, Project Manager
Department of Public Works, Special Projects
9250 Bendix Road
Columbia, Maryland 21045
410-313-5398

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
K. Stedman 12/07/12
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE
M. Williams 12/10/12
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

RK&K
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217
(800)-787-3755



PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
 39362 09/24/2014
 License No. Expiration Date

NO.	DESCRIPTION	BY	DATE

STORMWATER MANAGEMENT & DRAINAGE AREA PLAN
 SCALE: 1" = 50'
 DATE: OCTOBER 12, 2012

HOWARD COUNTY CENTRAL MARYLAND TRANSIT OPERATIONS FACILITY
 TAX MAP 48 GRID 13
 CAPITAL PROJECT NO: C-0289 PARCEL 75
 6TH ELECTION DISTRICT HOWARD COUNTY, MD

DISCIPLINE ABBREVIATION EC
 SHEET NO. 3 OF 3

11/28/2012 \$FILES