

ENVIRONMENTAL CONCEPT PLAN MAYFIELD LOGISTICS FACILITY

CAPITAL PROJECT # F5673
6th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

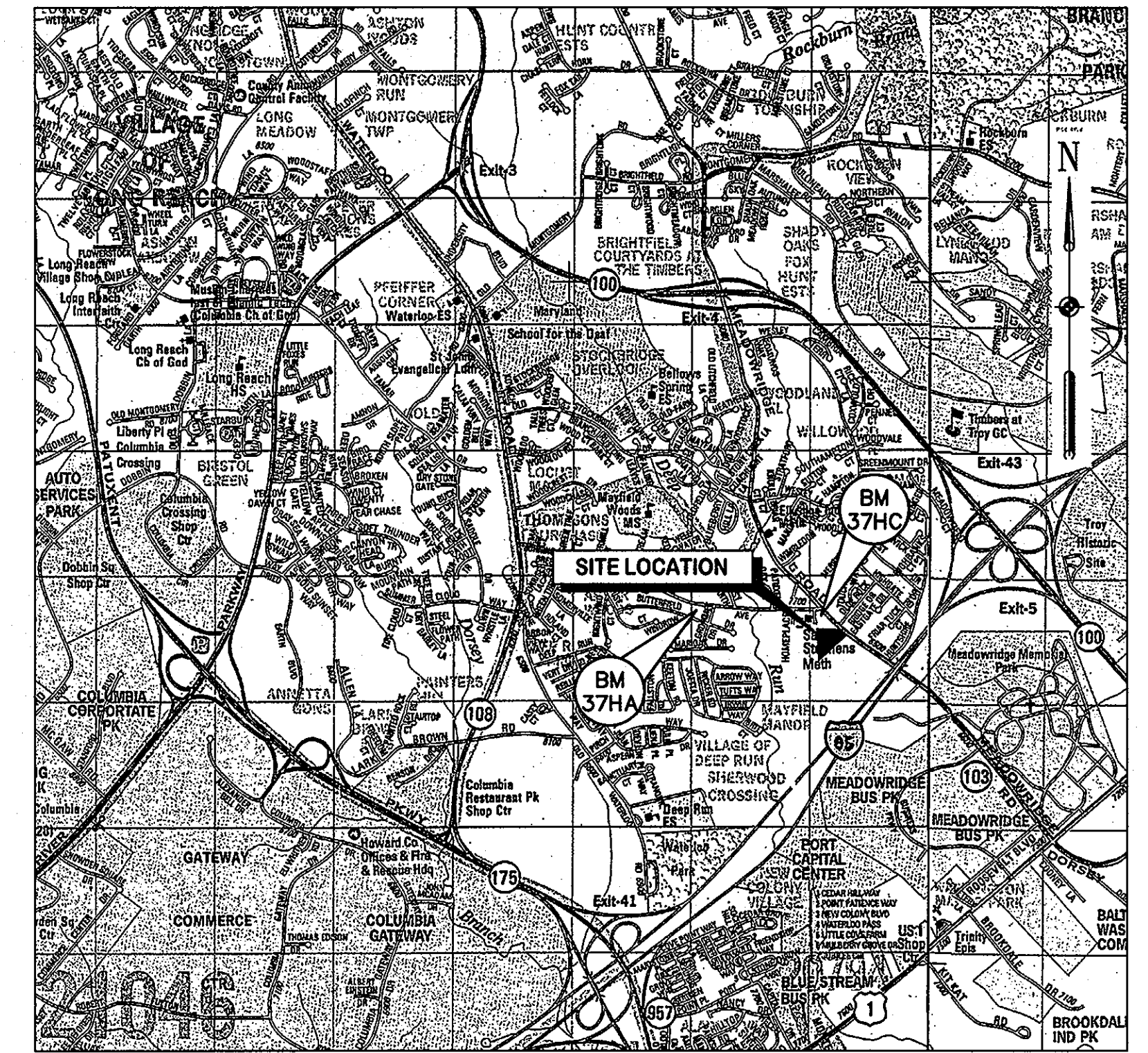
SITE ANALYSIS DATA CHART

AREA OF PROPERTY	3.35 AC.
LIMIT OF DISTURBANCE	2.3 AC.±
PRESENT ZONING	R-SC
EXISTING USE	RESIDENTIAL/VACANT
PROPOSED USE	FIRE LOGISTICS FACILITY
OPEN SPACE (% OF SITE)	2.30 AC.
BUILDING AREA	18,708 SF
BUILDING COVERAGE (% OF SITE)	12.5%
PARKING REQUIRED:	10
PARKING PROVIDED:	14 (INCLUDING 1 HANDICAPPED)

* PROVIDED PARKING COUNT BASED INDUSTRIAL USES - WAREHOUSE AND DISTRIBUTION.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
T1.0	COVER SHEET
T1.1	LOCATION MAP
C1.0	EXISTING SITE PLAN
C2.0	PROPOSED SITE PLAN
C6.1	EROSION & SEDIMENT CONTROL PLAN PHASE I
C6.2	EROSION & SEDIMENT CONTROL PLAN PHASE II



VICINITY MAP
SCALE: 1"=2000'
HOWARD COUNTY ADC MAP 16, AREA G10
PERMITTED USE No. 21009264

BENCHMARK DATA

B.M. 37HC EL. 270.010
N 556,364.105
E 1,375,513.181

A STANDARD STAMPED (BRASS OR ALUMINUM) DISC
SET ON TOP OF A 3' DEEP CONCRETE COLUMN.

B.M. 37HA EL. 283.683
N 556,446.416
E 1,373,465.938

A STANDARD STAMPED (BRASS OR ALUMINUM) DISC
SET ON TOP OF A 3' DEEP CONCRETE COLUMN.

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY, MSHA STANDARDS AND SPECIFICATIONS AND APPLICABLE PORTIONS OF THE PROJECT SPECIFICATIONS PREPARED BY SYMMETRY FIRST ARCHITECTS. FOR DETAILS NOT SHOWN ON THE DRAWING, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARDS SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST 5 WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS.

AT&T	1-800-252-1133
BGE (CONSTRUCTION SERVICE)	410-850-4620
BGE (EMERGENCY)	410-685-1400
BUREAU OF UTILITIES	410-313-4900
COLONIAL PIPELINE COMPANY	410-795-1390
MISS UTILITY	1-800-257-7777
STATE HIGHWAY ADMINISTRATION	410-531-5533
VERIZON	1-800-743-0033/410-224-9210
COMCAST OF HOWARD COUNTY	410-461-4089
- 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 THE PLACEMENT OF ANY ASPHALT.
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN SURVEY WITH ONE FOOT CONTOUR INTERVALS PREPARED BY MCKEE AND ASSOCIATES, DATED NOVEMBER 3, 2009 AND HOWARD COUNTY GIS WITH TWO FOOT CONTOUR INTERVALS.

- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT 37HA AND 37HC WERE USED FOR THIS PROJECT. ALL ELEVATIONS SHOWN ARE BASED ON N.A.V.D. 88 DATUM.
- SITE WILL BE SERVED BY PUBLIC WATER AND SANITARY.
- STORMWATER MANAGEMENT SHALL BE PROVIDED BY AN EIGHT-INCH (8") GREEN ROOF ON THE BUILDING, A RAIN WATER HARVESTING CISTERN FOR PORTIONS OF THE ACCESS DRIVE AND PARKING AREA, AND TWO (2) MICRO-BIORETENTION FACILITIES FOR PORTIONS OF THE ACCESS DRIVE, ENTRANCE IMPROVEMENTS, AND PORTIONS OF THE EXISTING PAVEMENT ASSOCIATED WITH MEADOWRIDGE ROAD. THE RAIN WATER HARVESTING CISTERN SHALL HAVE THE INTERCEPTED RUNOFF RECYCLED TO BE USED FOR FILLING OF THE FIRE PROTECTION WATER TANK, TOILETS, AND IRRIGATION.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE. EXISTING UTILITIES ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION.
- PROJECT IS NOT WITHIN A 100 YEAR FLOODPLAIN.
- THERE ARE NO KNOWN WETLANDS IN THE FIRE LOGISTICAL BUILDING AREA OF DEVELOPMENT.
- TRAFFIC STUDY IS NOT REQUIRED FOR THIS PROJECT.
- GEOTECHNICAL STUDY FOR STORMWATER MANAGEMENT WAS PERFORMED BY HILLIS-CARNES, DATED OCTOBER 19, 2010.
- THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT LEAST (5) DAYS BEFORE STARTING WORK AS SHOWN ON THESE DRAWINGS.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND SAFETY PRECAUTIONS AND PROGRAMS.
- PIPE SHALL NOT BE INSTALLED BY THE CONTRACTOR UNTIL THE LENGTH CALLED FOR AT EACH STATION HAS BEEN APPROVED BY THE ENGINEER IN THE FIELD.
- NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT WITHIN 6" OF FINISHED GRADE.

- ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- STORM DRAIN TRENCHES WITHIN ROADWAY SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, I.E., STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION, LATEST AMENDMENTS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- ALL FILL AREAS WITHIN ROADWAY AND UNDER STRUCTURES TO BE COMPACTED TO A MINIMUM OF 95% COMPACTION OF AASHTO T180.
- SITE LIGHTING SHALL BE IN ACCORDANCE WITH THE OUTDOOR LIGHTING REQUIREMENTS OF SECTION 134 OF THE ZONING REGULATIONS AND SHALL DIRECT LIGHT DOWNWARDS AND INWARDS ON-SITE AWAY FROM ADJOINING RESIDENTIAL USE PROPERTIES AND PUBLIC ROADS.
- LANDSCAPING HAS BEEN PROVIDED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL.
- NO SURETY FOR FOREST CONSERVATION OR LANDSCAPING IS REQUIRED SINCE THIS IS A HOWARD COUNTY CAPITOL PROJECT.
- ALL SIGNS POSTED FOR TRAFFIC CONTROL SIGNS INSTALLED IN THE SNA 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 SHALL BE MOUNTED ON TOP OF EACH POST.
- PROJECT DOES RESULT IN THE CUTTING, CLEARING AND GRADING OF MORE THAN 40,000 SQUARE FEET OF FOREST AND IS REQUIRED TO MEET FOREST CONSERVATION REQUIREMENTS, WHICH WILL INCLUDE PRESERVATION AND REPLACEMENT OF TREES. FOREST CONSERVATION SHALL BE IN ACCORDANCE WITH THE LATEST HOWARD COUNTY FOREST CONSERVATION MANUAL.

ADDRESS CHART					
LOT/PARCEL#	STREET ADDRESS				
FIRE LOGISTICS FACILITY	6446 W. MEADOWRIDGE ROAD				
SUBDIVISION NAME					
SECTION/AREA					
LOT/PARCEL NO.					
PLAT/L/P	GRID	ZONING	TAX MAP#	ELECT. MTR.	GEN. TRACT
1022/39	16	R-SC	37	6	-
OWNER/DEVELOPER					
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS 3430 COURT HOUSE DRIVE ELLCOTT CITY, MARYLAND 21043 TEL: 410-313-4400					
PROJECT					
MAYFIELD LOGISTICS FACILITY					
TITLE					
COVER SHEET					
CARROLL ENGINEERING, INC. 215 SCHILLING CIRCLE, SUITE 102 HUNT VALLEY, MD 21031 410-785-7423 PHONE 410-771-1313 FAX					
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.			DESIGNED BY: DWM		
LICENSE No.: 14446			PROJECT No.: 0909.16.01		
EXPIRATION DATE: 5-25-13			DATE: JUNE 23, 2011		
SCALE:			DRAWING No.: 1 OF 6		
			T1.0		

APPROVED
DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION

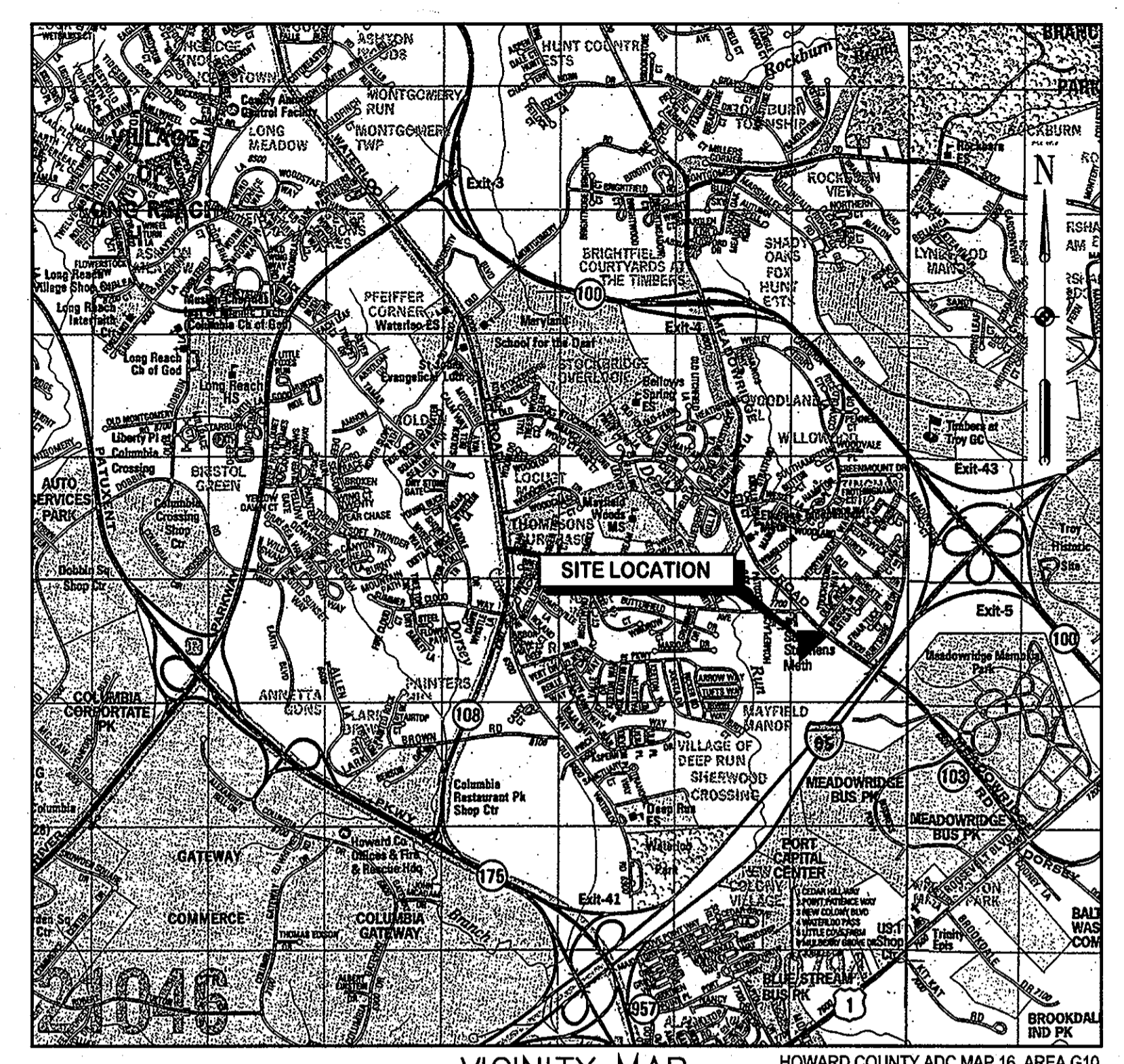
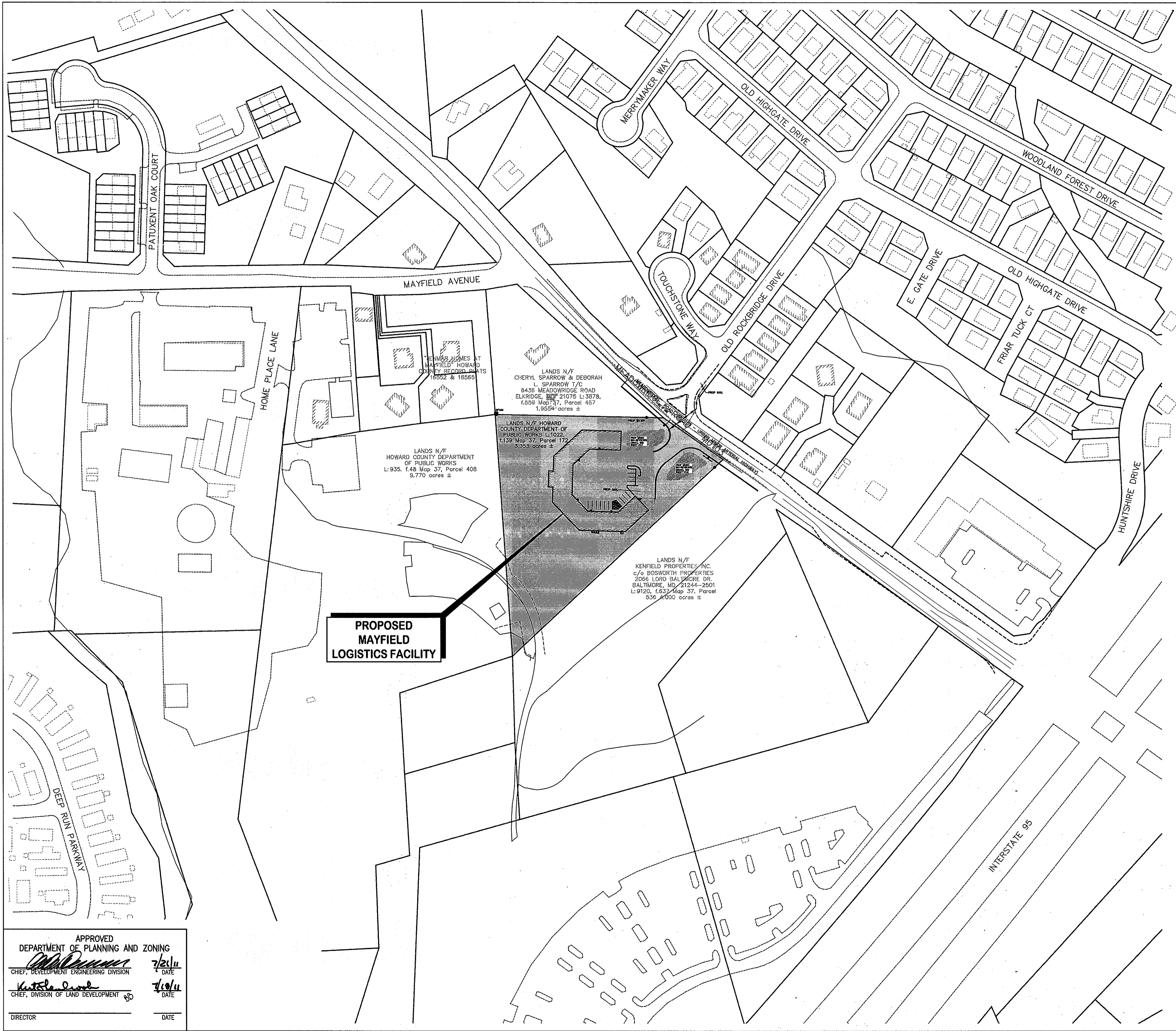
CHIEF, DIVISION OF LAND DEVELOPMENT

DIRECTOR

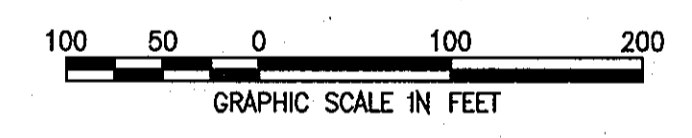
DATE: 7/21/11

DATE: 7/21/11

APPROVAL OF THIS ECP SHALL NOT BE CONSTRUED AS APPROVAL FOR SHOWN IMPROVEMENTS, LANDSCAPING OR ANY FOREST CONSERVATION OBLIGATIONS WHICH WILL BE FURTHER REVIEWED AND COMMENTS ISSUED UNDER ASSOCIATED SUBDIVISION AND OR SITE DEVELOPMENT PLANS AS APPLICABLE.



VICINITY MAP
SCALE: 1"=2000'



**PROPOSED
MAYFIELD
LOGISTICS FACILITY**

SENIOR HOMES AT
MAYFIELD HOWARD
COUNTY RECORD PLATS
18552 & 18595



LANDS N/F
CHERYL SPARROW & DEBORAH
L. SPARROW T/C
8436 MEADOWRIDGE ROAD
ELKBRIDGE, MD 21076 L: 2878,
f. 696 Map 37, Parcel 457
1.9554 acres ±

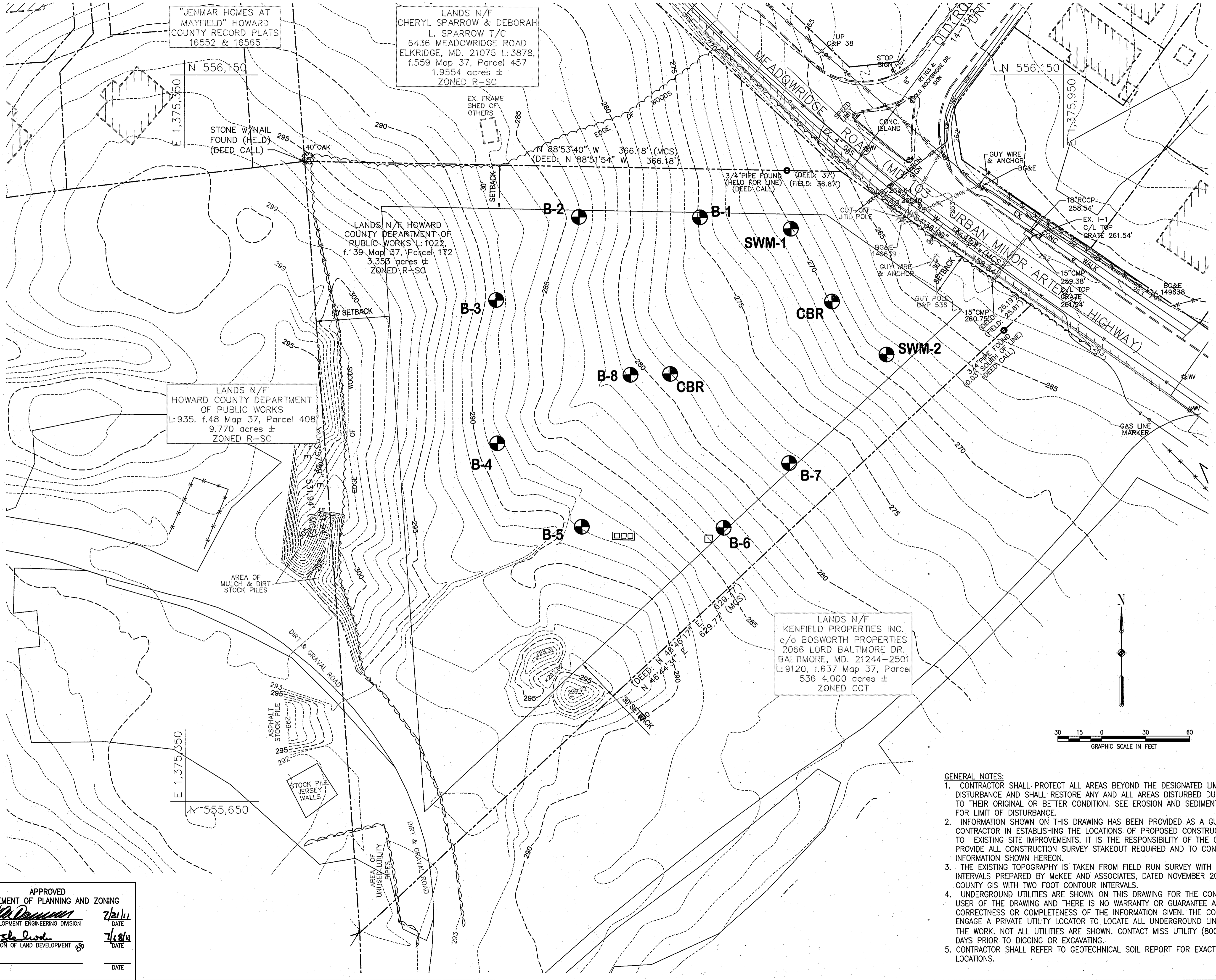
LANDS N/F HOWARD
COUNTY DEPARTMENT OF
PUBLIC WORKS L: 1022,
f. 139 Map 37, Parcel 172
3.353 acres ±

LANDS N/F
HOWARD COUNTY DEPARTMENT
OF PUBLIC WORKS
L: 935, f. 48 Map 37, Parcel 408
9.770 acres ±

LANDS N/F
KENFIELD PROPERTIES, INC.
c/o BOSWORTH PROPERTIES
2366 LORD BALTIMORE DR.
BALTIMORE, MD 21244-2501
L: 9120, f. 637 Map 37, Parcel
536 4.000 acres ±

APPROVED
DEPARTMENT OF PLANNING AND ZONING
[Signature] 7/21/11
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
[Signature] 7/10/11
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
DIRECTOR DATE

ADDRESS CHART					
LOT/PARCEL#	STREET ADDRESS				
FIRE LOGISTICS FACILITY	6446 W. MEADOWRIDGE ROAD				
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL No.			
FLAT OR L/F	GRID	ZONING	TAX MAP#	ELECT. DIST.	GENSIS TRACT
1022/139	18	R-9C	37	6	-
OWNER/DEVELOPER HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS 3430 COURT HOUSE DRIVE ELLCOTT CITY, MARYLAND 21043 TEL: 410-313-4400					
PROJECT MAYFIELD LOGISTICS FACILITY					
TITLE LOCATION MAP					
 CARROLL ENGINEERING, INC. 215 SCHILLING CIRCLE, SUITE 102 HUNT VALLEY, MD 21031 410-785-7423 PHONE 410-771-1313 FAX					
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.			DESIGNED BY: DWM DRAWN BY: DWM		
LICENSE No.: 14446 EXPIRATION DATE: 5-25-13			PROJECT NO.: 0909.16.01 DATE: MAY 13, 2011		
			SCALE: 1" = 100' DRAWING NO.: 2 OF 4		
T1.1					



"JENMAR HOMES AT MAYFIELD" HOWARD COUNTY RECORD PLATS 16552 & 16565

LANDS N/F CHERYL SPARROW & DEBORAH L. SPARROW T/C 6436 MEADOWRIDGE ROAD ELK RIDGE, MD. 21075 L: 3878, f. 559 Map 37, Parcel 457 1.9554 acres ± ZONED R-SC

LANDS N/F HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS L: 1022, f. 139 Map 37, Parcel 172 3.353 acres ± ZONED R-SC

LANDS N/F HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS L: 935, f. 48 Map 37, Parcel 408 9.770 acres ± ZONED R-SC

LANDS N/F KENFIELD PROPERTIES INC. c/o BOSWORTH PROPERTIES 2066 LORD BALTIMORE DR. BALTIMORE, MD. 21244-2501 L: 9120, f. 637 Map 37, Parcel 536 4.000 acres ± ZONED CCT

LEGEND

	EXISTING BUILDING
	EXISTING CURB
	EXISTING CURB & GUTTER
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING OVERHEAD ELECTRIC
	EXISTING FENCELINE
	EXISTING FIRE HYDRANT
	EXISTING PROPERTY LINE
	EXISTING PAVING
	EXISTING SANITARY
	EXISTING SANITARY MANHOLE
	EXISTING STORM DRAIN
	EXISTING UTILITY POLE
	EXISTING WATERLINE
	EXISTING WATER METER
	EXISTING WATER VALVE
	ABANDONED WATERLINE

ADDRESS CHART

LOT/PARCEL#	STREET ADDRESS
FIRE LOGISTICS FACILITY	6446 W. MEADOWRIDGE ROAD

SECTION/AREA	LOT/PARCEL NO. 1/2
1022/139	16

OWNER/DEVELOPER: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS 3430 COURT HOUSE DRIVE ELLICOTT CITY, MARYLAND 21043 TEL: 410-313-4400

PROJECT MAYFIELD LOGISTICS FACILITY

TITLE EXISTING SITE PLAN

CARROLL ENGINEERING, INC.
215 SCHILLING CIRCLE, SUITE 102
HUNT VALLEY, MD 21081
410-785-7423 PHONE 410-771-1313 FAX

DESIGNED BY: DWM
DRAWN BY: DWM
PROJECT NO.: 0909.16.01
DATE: MAY 13, 2011
EXPIRATION DATE: 5-25-13

SCALE: 1" = 30'
DRAWING NO.: 3 OF 4
C1.0

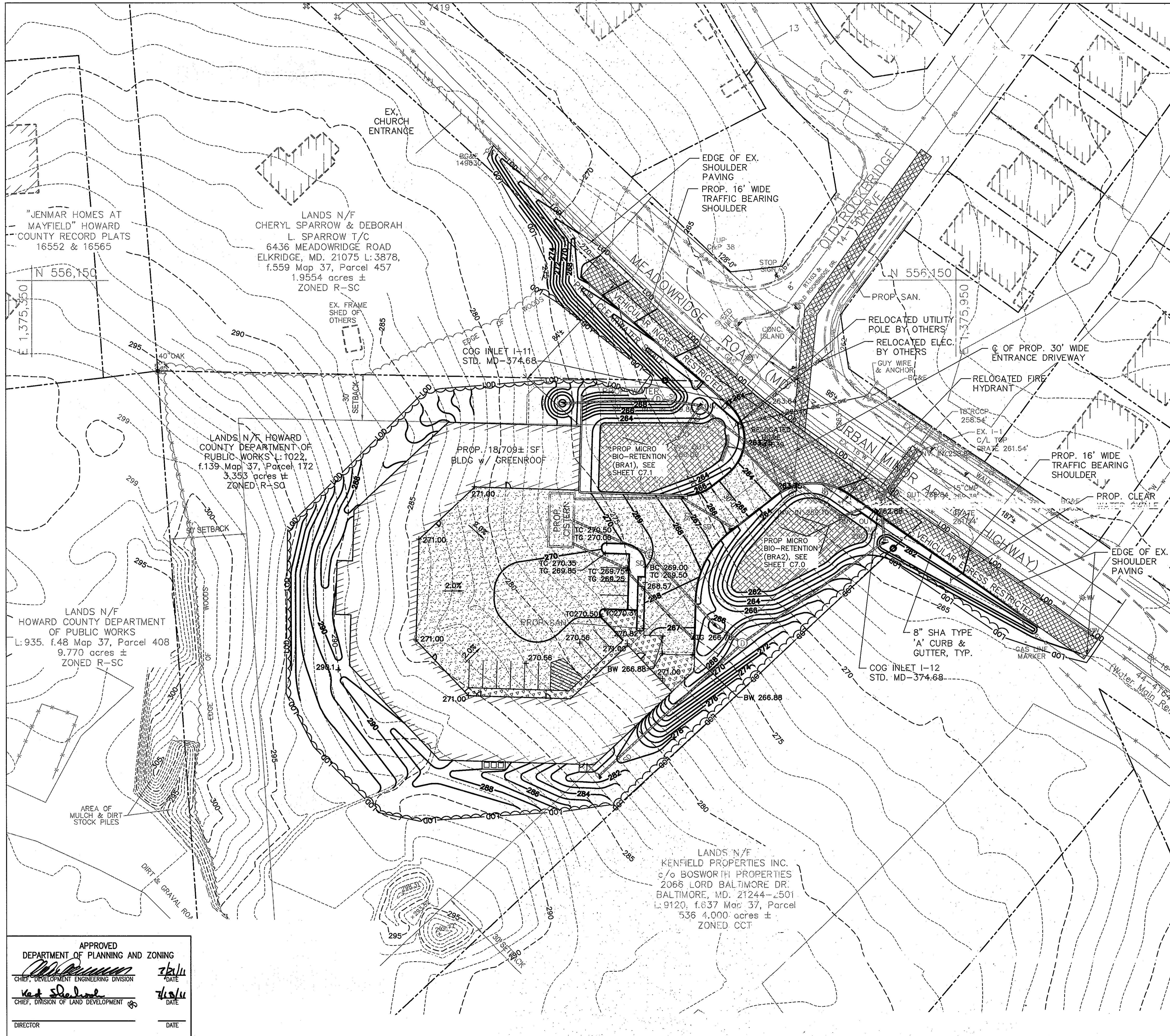
- GENERAL NOTES:**
- CONTRACTOR SHALL PROTECT ALL AREAS BEYOND THE DESIGNATED LIMITS OF DISTURBANCE AND SHALL RESTORE ANY AND ALL AREAS DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL OR BETTER CONDITION. SEE EROSION AND SEDIMENT CONTROL PLAN FOR LIMIT OF DISTURBANCE.
 - INFORMATION SHOWN ON THIS DRAWING HAS BEEN PROVIDED AS A GUIDE TO ASSIST THE CONTRACTOR IN ESTABLISHING THE LOCATIONS OF PROPOSED CONSTRUCTION WITH RESPECT TO EXISTING SITE IMPROVEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL CONSTRUCTION SURVEY STAKEOUT REQUIRED AND TO CONFIRM ALL INFORMATION SHOWN HEREON.
 - THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN SURVEY WITH ONE FOOT CONTOUR INTERVALS PREPARED BY MCKEE AND ASSOCIATES, DATED NOVEMBER 2009 AND HOWARD COUNTY GIS WITH TWO FOOT CONTOUR INTERVALS.
 - UNDERGROUND UTILITIES ARE SHOWN ON THIS DRAWING FOR THE CONVENIENCE OF THE USER OF THE DRAWING AND THERE IS NO WARRANTY OR GUARANTEE AS TO THE CORRECTNESS OR COMPLETENESS OF THE INFORMATION GIVEN. THE CONTRACTOR SHALL ENGAGE A PRIVATE UTILITY LOCATOR TO LOCATE ALL UNDERGROUND LINES IN THE AREA OF THE WORK. NOT ALL UTILITIES ARE SHOWN. CONTACT MISS UTILITY (800-257-7777) 5 DAYS PRIOR TO DIGGING OR EXCAVATING.
 - CONTRACTOR SHALL REFER TO GEOTECHNICAL SOIL REPORT FOR EXACT SOIL BORING LOCATIONS.

APPROVED
DEPARTMENT OF PLANNING AND ZONING

[Signature]
CHIEF, DEVELOPMENT ENGINEERING DIVISION
DATE: 7/21/11

[Signature]
CHIEF, DIVISION OF LAND DEVELOPMENT
DATE: 7/28/11

DIRECTOR DATE

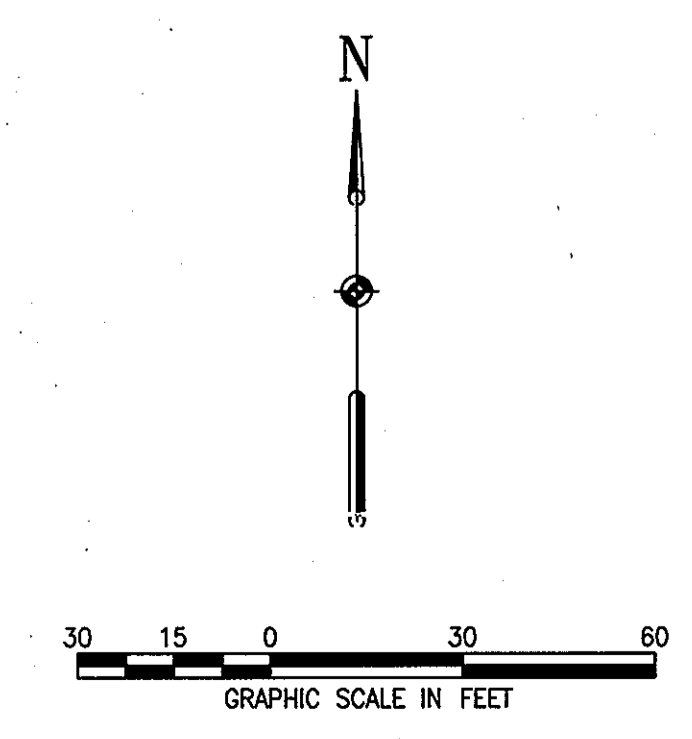


- GENERAL NOTES:**
- CONTRACTOR SHALL PROTECT ALL AREAS BEYOND THE DESIGNATED LIMITS OF DISTURBANCE AND SHALL RESTORE ANY AND ALL AREAS DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL OR BETTER CONDITION. SEE EROSION AND SEDIMENT CONTROL PLAN FOR LIMIT OF DISTURBANCE.
 - INFORMATION SHOWN ON THIS DRAWING HAS BEEN PROVIDED AS A GUIDE TO ASSIST THE CONTRACTOR IN ESTABLISHING THE LOCATIONS OF PROPOSED CONSTRUCTION WITH RESPECT TO EXISTING SITE IMPROVEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL CONSTRUCTION SURVEY STAKEOUT REQUIRED AND TO CONFIRM ALL INFORMATION SHOWN HEREON.
 - THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN SURVEY WITH ONE FOOT CONTOUR INTERVALS PREPARED BY MCKEE AND ASSOCIATES, DATED NOVEMBER 3, 2009, HOWARD COUNTY GIS WITH TWO FOOT CONTOUR INTERVALS AND FIELD OBSERVATION AND IS NOT GUARANTEED TRUE & CORRECT. CONTRACTOR SHALL FIELD VERIFY ALL GRADES, ELEVATIONS, DIMENSIONS, ETC. PRIOR TO STARTING CONSTRUCTION.
 - UNDERGROUND UTILITIES ARE SHOWN ON THIS DRAWING FOR THE CONVENIENCE OF THE USER OF THE DRAWING AND THERE IS NO WARRANTY OR GUARANTEE AS TO THE CORRECTNESS OR COMPLETENESS OF THE INFORMATION GIVEN. THE CONTRACTOR SHALL ENGAGE A PRIVATE UTILITY LOCATOR TO LOCATE ALL UNDERGROUND LINES IN THE AREA OF THE WORK. NOT ALL UTILITIES ARE SHOWN. CONTACT MISS UTILITY (800-257-7777) 5 DAYS PRIOR TO DIGGING OR EXCAVATING.
 - CONTRACTOR SHALL PROVIDE 2% MINIMUM SLOPE AWAY FROM BUILDING WALLS. ALL FINISH GRADES SHALL FLOW TOWARDS STORM DRAIN DEVICES.
 - REFER TO ELECTRICAL DRAWING FOR LIGHTING FIXTURE DETAILS.
 - REFER TO PLUMBING DRAWINGS FOR ROOF DRAIN LOCATIONS.
 - REFER TO MECHANICAL DRAWINGS FOR GAS LOCATION.
 - GAS SERVICE PIPE TO SIZED BY UTILITY PROVIDER. CONTRACTOR SHALL COORDINATE WITH UTILITY PROVIDER.

LEGEND

- PROPOSED FULL DEPTH SHA PAVING
- PROPOSED CONCRETE
- PROPOSED HOT MIX ASPHALT
- PROPOSED BUILDING
- PROPOSED CONTOUR
- PROPOSED CURB
- PROPOSED CURB & GUTTER
- PROPOSED FENCELINE
- PROPOSED FIRE HYDRANT
- PROPOSED GAS
- PROPOSED GAS VALVE
- PROPOSED SANITARY
- PROPOSED SANITARY MANHOLE
- PROPOSED STORMDRAIN PIPE
- PROPOSED STORMDRAIN MANHOLE
- PROPOSED TELEPHONE
- PROPOSED WATER
- PROPOSED WATER METER
- PROPOSED WATER VALVE
- EXISTING BUILDING
- EXISTING CURB
- EXISTING CURB & GUTTER
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING OVERHEAD ELECTRIC
- EXISTING FENCELINE
- EXISTING FIRE HYDRANT
- EXISTING PROPERTY LINE
- EXISTING PAVING
- EXISTING SANITARY
- EXISTING SANITARY MANHOLE
- EXISTING UTILITY POLE
- EXISTING WATERLINE
- EXISTING WATER VALVE
- ABANDONED WATERLINE

ADDRESS CHART	
LOT/PARCEL#	STREET ADDRESS
FIRE LOGISTICS FACILITY	6446 W. MEADOWRIDGE ROAD
SUBSECTION NAME	SECTION/AREA
PLAT/L/F	GRID
1022/39	18
ZONING	TAX MAP#
R-SC	37
ELECT. DIST.	CONSIG TRACT
6	
OWNER/DEVELOPER	
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS 3430 COURT HOUSE DRIVE ELLCOTT CITY, MARYLAND 21043 TEL: 410-313-4400	
PROJECT	MAYFIELD LOGISTICS FACILITY
TITLE	CONCEPTUAL SITE PLAN
CARROLL ENGINEERING, INC. 215 SCHILLING CIRCLE, SUITE 102 HUNT VALLEY, MD 21031 410-785-7423 PHONE 410-771-1933 FAX	
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.	DESIGNED BY: DWM
LICENSE No.: 14446	DRAWN BY: DWM
EXPIRATION DATE: 5-25-13	PROJECT NO.: 0909.16.01
	DATE: MAY 13, 2011
	SCALE: 1" = 30'
	DRAWING NO.: 4 OF 6



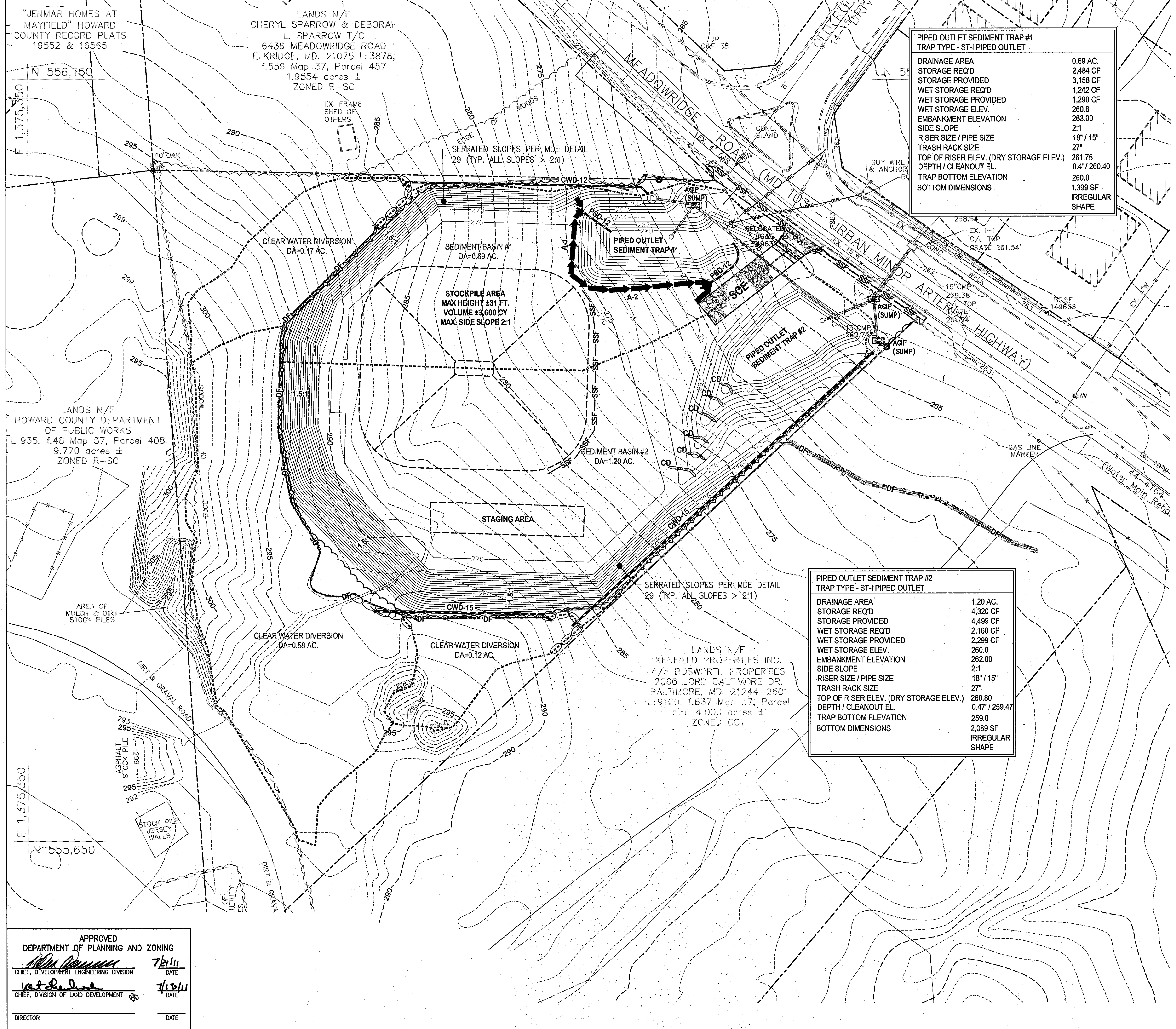
APPROVED
DEPARTMENT OF PLANNING AND ZONING

[Signature] 2/21/11
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

[Signature] 2/21/11
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

DIRECTOR DATE

LANDS N/F
KENFIELD PROPERTIES INC.
c/o BOSWORTH PROPERTIES
2066 LORD BALTIMORE DR.
BALTIMORE, MD. 21244-2501
L:9120, f:637 Map 37, Parcel
536 4.000 acres ±
ZONED CCT



PIPED OUTLET SEDIMENT TRAP #1
TRAP TYPE - ST-1 PIPED OUTLET

DRAINAGE AREA	0.69 AC.
STORAGE REQ'D	2,484 CF
STORAGE PROVIDED	3,158 CF
WET STORAGE REQ'D	1,242 CF
WET STORAGE PROVIDED	1,290 CF
WET STORAGE ELEV.	260.8
EMBANKMENT ELEVATION	263.00
SIDE SLOPE	2:1
RISER SIZE / PIPE SIZE	18" / 15"
TRASH RACK SIZE	27"
TOP OF RISER ELEV. (DRY STORAGE ELEV.)	261.75
DEPTH / CLEANOUT EL.	0.4' / 260.40
TRAP BOTTOM ELEVATION	260.0
BOTTOM DIMENSIONS	1,399 SF IRREGULAR SHAPE

PIPED OUTLET SEDIMENT TRAP #2
TRAP TYPE - ST-1 PIPED OUTLET

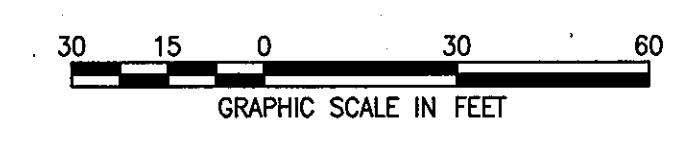
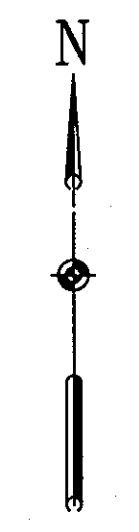
DRAINAGE AREA	1.20 AC.
STORAGE REQ'D	4,320 CF
STORAGE PROVIDED	4,498 CF
WET STORAGE REQ'D	2,160 CF
WET STORAGE PROVIDED	2,299 CF
WET STORAGE ELEV.	260.0
EMBANKMENT ELEVATION	262.00
SIDE SLOPE	2:1
RISER SIZE / PIPE SIZE	18" / 15"
TRASH RACK SIZE	27"
TOP OF RISER ELEV. (DRY STORAGE ELEV.)	260.80
DEPTH / CLEANOUT EL.	0.47' / 259.47
TRAP BOTTOM ELEVATION	259.0
BOTTOM DIMENSIONS	2,089 SF IRREGULAR SHAPE

- LEGEND**
- DF DIVERSION FENCE
 - SAND BAG BERM
 - CWD-15 CLEAR WATER DIVERSION PIPE
 - PSD-12 PIPE SLOPE DRAIN
 - A-2 DIVERSION EARTH DIKE
 - DRAINAGE AREA DELINEATION
 - LIMIT OF DISTURBANCE
 - SSF SUPER SILT FENCE
 - AGIP AT-GRADE INLET PROTECTION
 - STABILIZED CONSTRUCTION ENTRANCE
 - CD STONE CHECK DAM
 - PROPOSED BUILDING
 - PROPOSED INTERIM GRADING CONTOUR
 - E PROPOSED ELECTRIC
 - ⊕ PROPOSED ELECTRIC MANHOLE
 - PROPOSED FENCELINE
 - ⊕ PROPOSED FIRE HYDRANT
 - G PROPOSED GAS
 - GV PROPOSED GAS VALVE
 - SS PROPOSED SANITARY
 - ⊕ PROPOSED SANITARY MANHOLE
 - SD PROPOSED STORMDRAIN
 - ⊕ PROPOSED STORMDRAIN MANHOLE
 - T PROPOSED TELEPHONE
 - W PROPOSED WATER
 - WM PROPOSED WATER METER
 - WV PROPOSED WATER VALVE
 - EXISTING BUILDING
 - EXISTING CURB
 - EXISTING CURB & GUTTER
 - 100 EXISTING MAJOR CONTOUR
 - 99 EXISTING MINOR CONTOUR
 - EXISTING UNDERGROUND ELECTRIC
 - ⊕ EXISTING ELECTRIC MANHOLE
 - EXISTING FENCELINE
 - ⊕ EXISTING FIRE HYDRANT
 - G EXISTING GAS
 - GV EXISTING GAS VALVE
 - EXISTING PROPERTY LINE
 - EXISTING PAVING
 - SS EXISTING SANITARY
 - ⊕ EXISTING SANITARY MANHOLE
 - EXISTING STREET LIGHT
 - ⊕ EXISTING STORMDRAIN
 - ⊕ EXISTING STORMDRAIN MANHOLE
 - EXISTING TELEPHONE
 - EXISTING UTILITY POLE
 - EXISTING WATERLINE
 - WM EXISTING WATER METER
 - WV EXISTING WATER VALVE

LOD = 2.0 AC.

This document plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT

Howard SCD _____ Date _____



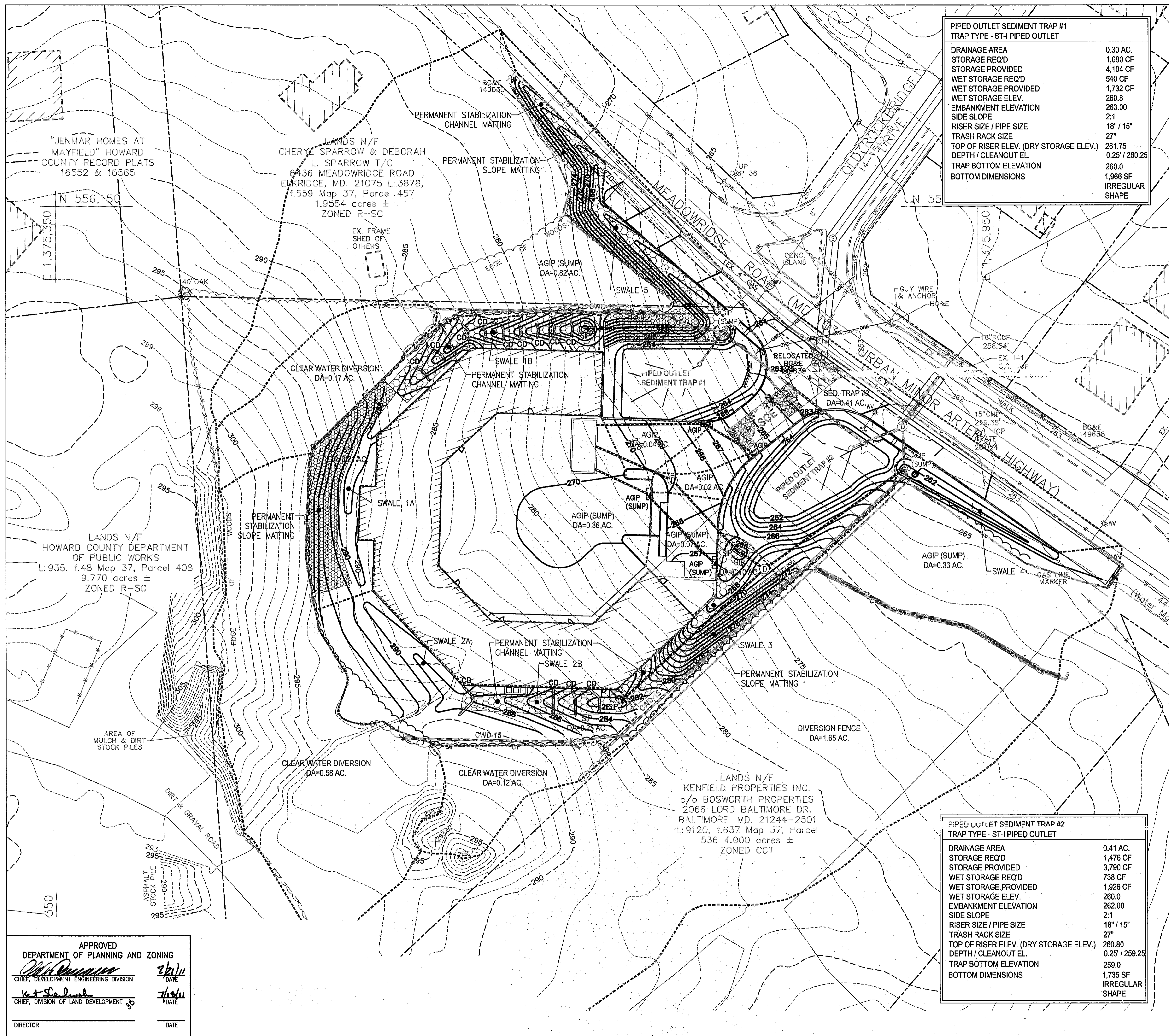
ADDRESS CHART					
LOT/PARCEL#	STREET ADDRESS				
FIRE LOGISTICS FACILITY	6446 W. MEADOWRIDGE ROAD				
SECTION NAME	SECTION/AREA	LOT/ PARCEL NO.			
PLAT OR L.P.	GRID	ZONING	TAX MAP#	ELECT. DIST.	CREATED TRACT
1022/139	18	R-SC	37	6	-
OWNER/DEVELOPER					
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS 3430 COURT HOUSE DRIVE ELLCOTT CITY, MARYLAND 21043 TEL: 410-313-4400					
PROJECT					
MAYFIELD LOGISTICS FACILITY					
TITLE					
EROSION & SEDIMENT CONTROL PLAN					
215 SCHILLING CIRCLE, SUITE 102 HUNT VALLEY, MD 21031 410-765-7423 PHONE 410-771-1313 FAX					
PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.					
LICENSE No.: 14446					
EXPIRATION DATE: 5-25-13					
DESIGNED BY: DWM					
DRAWN BY: DWM					
PROJECT NO.: 0909.16.01					
DATE: JUNE 23, 2011					
SCALE: 1" = 30'					
DRAWING NO.: 5 OF 6					
C6.1					

APPROVED
DEPARTMENT OF PLANNING AND ZONING

[Signature] 7/2/11
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

[Signature] 7/13/11
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

DIRECTOR _____ DATE _____



PIPED OUTLET SEDIMENT TRAP #1
TRAP TYPE - ST-1 PIPED OUTLET

DRAINAGE AREA	0.30 AC.
STORAGE REQ'D	1,080 CF
STORAGE PROVIDED	4,104 CF
WET STORAGE REQ'D	540 CF
WET STORAGE PROVIDED	1,732 CF
WET STORAGE ELEV.	260.8
EMBANKMENT ELEVATION	263.00
SIDE SLOPE	2:1
RISER SIZE / PIPE SIZE	18" / 15"
TRASH RACK SIZE	27"
TOP OF RISER ELEV. (DRY STORAGE ELEV.)	261.75
DEPTH / CLEANOUT EL.	0.25' / 260.25
TRAP BOTTOM ELEVATION	260.0
BOTTOM DIMENSIONS	1,966 SF IRREGULAR SHAPE

PIPED OUTLET SEDIMENT TRAP #2
TRAP TYPE - ST-1 PIPED OUTLET

DRAINAGE AREA	0.41 AC.
STORAGE REQ'D	1,476 CF
STORAGE PROVIDED	3,790 CF
WET STORAGE REQ'D	738 CF
WET STORAGE PROVIDED	1,926 CF
WET STORAGE ELEV.	260.0
EMBANKMENT ELEVATION	262.00
SIDE SLOPE	2:1
RISER SIZE / PIPE SIZE	18" / 15"
TRASH RACK SIZE	27"
TOP OF RISER ELEV. (DRY STORAGE ELEV.)	260.80
DEPTH / CLEANOUT EL.	0.25' / 259.25
TRAP BOTTOM ELEVATION	259.0
BOTTOM DIMENSIONS	1,735 SF IRREGULAR SHAPE

ESC PHASE I LEGEND
(INSTALL DURING ESC-PHASE I)

- DF— DIVERSION FENCE
- SAND BAG BERM
- CWD-15— CLEAR WATER DIVERSION PIPE
- AGIP AT-GRADE INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE

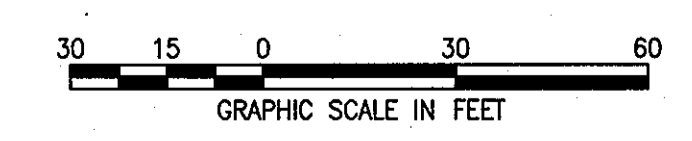
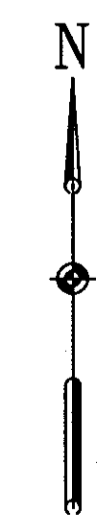
ESC PHASE II LEGEND

- EROSION CONTROL CHANNEL MATTING
- EROSION CONTROL SLOPE MATTING
- LIMIT OF DISTURBANCE
- DRAINAGE AREA DELINEATION
- SILT FENCE
- AGIP AT-GRADE INLET PROTECTION
- SIP STANDARD INLET PROTECTION
- CD STONE CHECK DAM
- PROPOSED BUILDING CONTOUR
- E PROPOSED ELECTRIC
- ⊕ PROPOSED ELECTRIC MANHOLE
- PROPOSED FENCELINE
- ⊕* PROPOSED FIRE HYDRANT
- G PROPOSED GAS
- ⊕* PROPOSED GAS VALVE
- SS PROPOSED SANITARY
- ⊕* PROPOSED SANITARY MANHOLE
- SD PROPOSED STORMDRAIN
- ⊕* PROPOSED STORMDRAIN MANHOLE
- PROPOSED TELEPHONE
- W PROPOSED WATER
- WM ○ PROPOSED WATER METER
- WM ⊕ PROPOSED WATER VALVE
- EXISTING BUILDING
- EXISTING CURB
- EXISTING CURB & GUTTER
- 100--- EXISTING MAJOR CONTOUR
- 99--- EXISTING MINOR CONTOUR
- USE --- EXISTING UNDERGROUND ELECTRIC
- ⊕ EXISTING ELECTRIC MANHOLE
- EXISTING FENCELINE
- ⊕* EXISTING FIRE HYDRANT
- EXISTING GAS
- ⊕* EXISTING GAS VALVE
- EXISTING PROPERTY LINE
- EXISTING PAVING
- EXISTING SANITARY
- ⊕ EXISTING SANITARY MANHOLE
- EXISTING STREET LIGHT
- EXISTING STORMDRAIN
- ⊕ EXISTING STORMDRAIN MANHOLE
- EXISTING TELEPHONE
- EXISTING UTILITY POLE
- EXISTING WATERLINE
- WM ○ EXISTING WATER METER
- WM ⊕ EXISTING WATER VALVE

LOD = 2.3 AC.

This document plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT

Howard SCD _____ Date _____



ADDRESS CHART

LOT/PARCEL#	STREET ADDRESS
FIRE LOGISTICS FACILITY	6446 W. MEADOWRIDGE ROAD

OWNER/DEVELOPER: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
3430 COURT HOUSE DRIVE
ELLCOTT CITY, MARYLAND 21043
TEL: 410-313-4400

PROJECT: **MAYFIELD LOGISTICS FACILITY**

TITLE: **EROSION & SEDIMENT CONTROL PLAN**

CARROLL ENGINEERING, INC.
215 SCHILLING CIRCLE, SUITE 102
HUNT VALLEY, MD 21031
410-785-7423 PHONE 410-771-1313 FAX

DESIGNED BY: DWM
DRAWN BY: DWM
PROJECT NO.: 0909.16.01
DATE: JUNE 23, 2011

LICENSE No.: 14446
EXPIRATION DATE: 5-25-13
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DRAWING NO.: 6 OF 6



C6.2

ECP-11-044

APPROVED
DEPARTMENT OF PLANNING AND ZONING

[Signature]
CHIEF, DEVELOPMENT ENGINEERING DIVISION

[Signature]
CHIEF, DIVISION OF LAND DEVELOPMENT

DATE: _____