

Site Development Plan

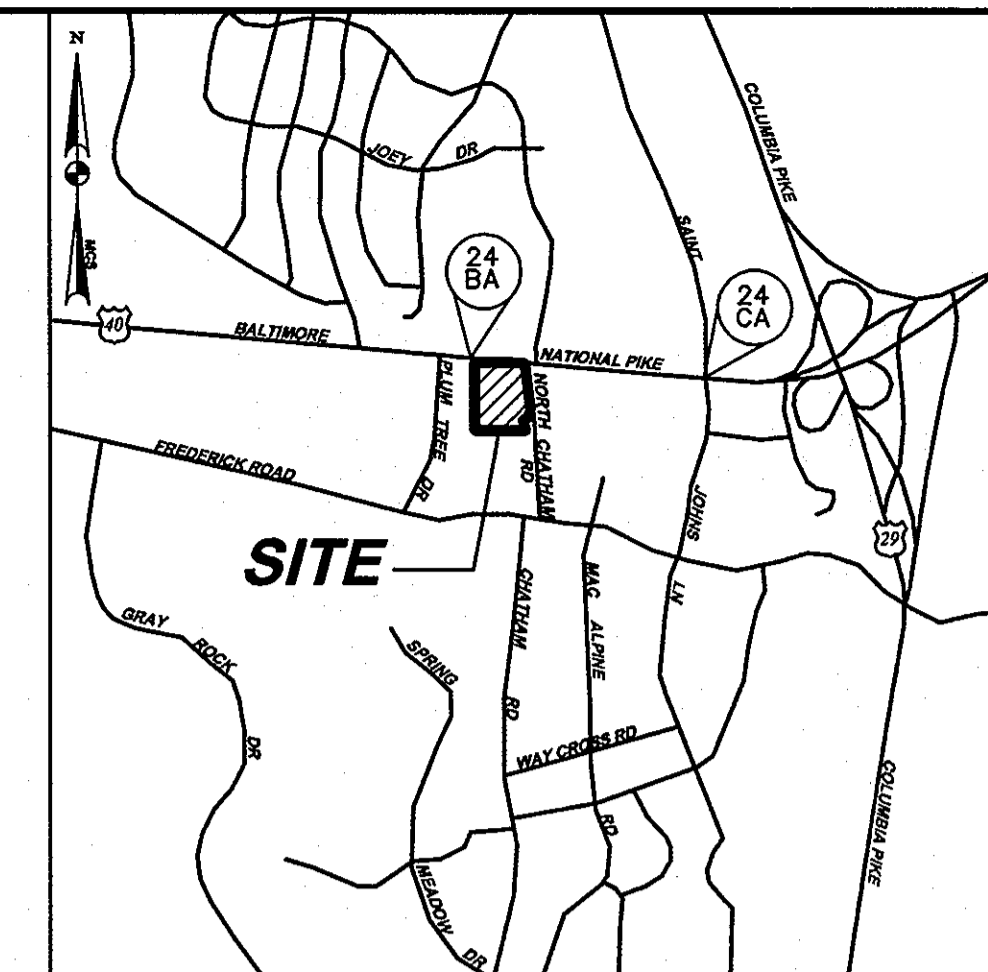
for

PARKER FUEL COMPANY

PARCEL D

HOWARD COUNTY, MARYLAND

RELOCATION OF ABOVE GROUND FUEL TANKS



VICINITY MAP

SCALE: 1" = 2,000'

ADC MAP NUMBER: 4815, GRID: G6
ADC COORDINATES: 76°50'00" / 39°17'00"

BENCHMARKS

COORDINATES IN MARYLAND NAD83 (91)
(HORIZONTAL) AND NAVD88 (VERTICAL) DATUMS.

24BA N 586,783.2894 E 1,359,211.6335 ELEV. 385.584 FT.	24CA N 586,506.2243 E 1,361,634.2707 ELEV. 398.251 FT.
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GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTIONS DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE. ANY DAMAGE CAUSED BY THE CONTRACTOR TO EXISTING PUBLIC RIGHT-OF-WAY, EX. PAVING, EX. CURB & GUTTER, EX. UTILITIES, ETC. SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- THE EXISTING TOPOGRAPHY IS TAKEN FROM A FIELD RUN SURVEY WITH TWO (2) FOOT CONTOURS PREPARED BY BOHLER ENGINEERING DATED NOVEMBER 3, 2008.
- THE COORDINATES SHOWN HEREON ARE BASED UPON HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NOS. 24BM2 AND 24BA WERE USED FOR THIS PROJECT.
- WATER IS PUBLIC: CONTRACT #11W.
- SEWER IS PUBLIC: CONTRACT #130-3
- ALL SLOPES 2:1 MIN.
- NO TRAFFIC STUDY IS REQUIRED FOR THIS PROJECT AS IT IS RELOCATION OF ABOVE GROUND FUEL TANKS ONLY.
- GEOTECHNICAL REPORT WAS PREPARED BY GILES ENGINEERING ASSOCIATES, INC. ON JANUARY 4, 2010.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16-124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.
- REFUSE AREAS ARE SCREENED FROM VIEW BY MASONRY WALLS OR WOODEN FENCE WITH GATES.
- THERE WILL BE NO WASTE MATERIALS STORED ON SITE.
- PROJECT FALLS UNDER REDEVELOPMENT. 20% REDUCTION IN EXISTING IMPERVIOUS AREA IS REQUIRED AND PROVIDED.
- ACCORDING TO FEMA FLOOD PLAIN MAP 2400440023 B DATED DECEMBER 04, 1986 THIS SITE IS IN ZONE C.
- MCDONALD'S CORPORATION HAS GRANTED ACCESS TO PART OF PARCEL D FROM NORTH CHATHAM ROAD VIA AN ACCESS EASEMENT (LIBER 8, FOLIO 20). USE-IN-COMMON ACCESS AND MAINTENANCE AGREEMENTS HAVE BEEN RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN L.583/F.169 (PARCELS A & B) AND L.3130/F.640 (PARCELS C & D).
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE BASED SOLELY ON AVAILABLE RECORDS. CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITIES WHICH MAY BE IMPACTED BY THE WORK. MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTORS OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS TO VERIFY THEIR LOCATION AND ELEVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF LOCATION OF UTILITIES IS OTHER THAN SHOWN.
- ALL FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED AND VERIFIED IN ACCORDANCE WITH ASHTO T-180, OR AS SPECIFIED BY THE GEOTECHNICAL ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN 2.0 FEET MINIMUM PROTECTIVE COVER OVER ALL UTILITIES DURING CONSTRUCTION.

- THERE ARE NO KNOWN CEMETERIES OR BURIAL GROUNDS ON THIS SITE, HOWEVER, UPON DISCOVERY OF ANY EVIDENCE OF BURIAL OR GRAVES, THE DEVELOPER WILL BE SUBJECT TO SECTION 16.1305 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOP REGULATIONS.
- PAVING MARKINGS TO BE "TRAFFIC WHITE".
- CONTRACTOR SHALL MAINTAIN A MINIMUM 2 FOOT BENCH BEHIND CURB AND GUTTER IN FILL AREAS.
- THE CONTRACTOR SHALL INSPECT THE SITE TO DETERMINE IF ANY TREES, PAVING OR STRUCTURES ARE TO BE REMOVED, PRIOR TO PLACING A BID ON THOSE ITEMS. THE CONTRACTOR SHALL CLEAR THE CONSTRUCTION AREA OF ALL EXISTING TREES, PAVING, STRUCTURES, ETC., UNLESS NOTED ON PLAN.
- THE SUBJECT PROPERTY IS ZONED B-2-TNC PER THE 2-2-04 COMPREHENSIVE ZONING PLAN AND THE "COMP LITE" ZONING AMENDMENTS EFFECTIVE 7/28/06.
- NO GRADING OR REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE REQUIRED WETLAND(S), STREAM(S), OR THEIR BUFFERS, FOREST CONSERVATION EASEMENT AREAS AND 100 YEAR FLOODPLAIN.
- FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING SHALL BE POSTED AS A PART OF THE GRADING PERMIT IN THE AMOUNT OF \$2,010.00.
- ALL EXTERIOR LIGHTING SHALL COMPLY WITH SECTION 134 OF THE HOWARD COUNTY ZONING REGULATIONS.
- LIGHT TRESPASS ONTO ADJACENT RESIDENTIAL PROPERTIES SHALL BE LIMITED TO 0.5 FOOT CANDLES PER SECTION 134D OF THE HOWARD COUNTY ZONING REGULATIONS.
- NOISE STUDY IS NOT REQUIRED FOR THIS COMMERCIAL ZONED PROPERTY.
- ANY DAMAGE TO COUNTY OWNED RIGHT-OF-WAY SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- ALL SIDEWALKS SHALL BE CROSS SLOPED AT 1/4 INCH PER FOOT.
- ALL MATERIALS AND CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV.
- ALL ON SITE DRIVEWAYS AND PARKING AREAS TO BE PRIVATELY MAINTAINED.
- THIS PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT.
- ELECTRIC, GAS, CABLE, TELEPHONE AND LIGHTING LINES DESIGNED BY OTHERS.
- THERE ARE NO SLOPES 15-24.9%, SLOPES 25% OR GREATER, WETLANDS, WETLAND BUFFERS, STREAMS, STREAM BUFFERS AND 100-YR. FLOODPLAIN WITHIN THE NET TRACT AREA OF SUBJECT PROPERTY. THE NET TRACT AREA ONLY INCLUDES THE B-2-TNC ZONED PORTION OF THE SITE.
- THIS SDP 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 NO. 75-2003 AND THE "COMP LITE" ZONING AMENDMENTS EFFECTIVE 07/28/06. 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.
- ALL SIGNAGE MUST COMPLY WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, MILLENNIUM EDITION AND ALL APPLICABLE HANDICAP REGULATIONS.
- THE FOREST CONSERVATION WORKSHEET REVEALS THAT THE AFFORESTATION REQUIREMENT FOR THE ENTIRE PROJECT WILL BE 0.2 ACRES. IT WILL BE MET THROUGH FEE-IN-LIEU SINCE NO PRIORITY AFFORESTATION SITES ARE AVAILABLE ON THE PROPERTY. THE FEE-IN-LIEU COSTS FOR MEETING THE AFFORESTATION REQUIREMENTS WILL BE \$6,534.00 FOR B-2 PORTIONS OF PARCELS C AND D. FUTURE DEVELOPMENT ON THE B-2 PORTIONS OF PARCELS C AND D WILL NOT BE SUBJECT TO ADDITIONAL FOREST CONSERVATION ACT REVIEW/OBLIGATION.
- THE FOREST CONSERVATION OBLIGATION FOR PARCEL C AND THE B-2 ZONED PORTION OF PARCEL D OF THE PARKER SUBDIVISION HAS BEEN MET BY A FEE-IN-LIEU PAYMENT OF \$6,534.00 MADE TO THE HOWARD COUNTY FOREST CONSERVATION FUND FOR THE 0.20 Ac OF OUTSTANDING AFFORESTATION OBLIGATION (0.20 Ac = 8,712 SF x \$0.75 = \$6,534.00).

SITE DATA

- I. GENERAL SITE DATA:
- TOTAL PROJECT AREA/PARCEL D: 136,687 SF OR 3.1379 Ac
B-2-TNC: 41,585 SF OR 0.955 Ac
R-A-15: 95,102 SF OR 2.183 Ac
 - PLAT REFERENCE: 11134
 - DEED REFERENCES: 11885/14
 - TAX ACCOUNT NUMBER: 02370913
 - PRESENT ZONING: B-2-TNC AND R-A-15
 - EXISTING USE: HOME HEATING OIL SUPPLIER
 - PROPOSED USE: HOME HEATING OIL SUPPLIER
 - MAXIMUM BUILDING HEIGHT:
ALLOWED: 40'
PROVIDED: 21'-0" (PROPOSED FUEL CANOPY)
 - APPLICABLE DPZ FILE REFERENCES: F-93-72, SDP-89-90, F-182
 - EXISTING WATER: PUBLIC (CONTRACT #11W)
 - EXISTING SEWER: PUBLIC (CONTRACT #130-3)

CONDITIONAL USE REQUIREMENTS

BA CASE #09-021C

BASED UPON THE FOREGOING, IT IS THIS 3rd DAY OF AUGUST 2009, BY THE HOWARD COUNTY BOARD OF APPEALS HEARING EXAMINER, ORDERED:

THAT THE CONDITIONAL USE PETITION OF PARKER FUEL COMPANY FOR THE UNDERGROUND BULK STORAGE OF FUEL OIL IN TWO 20,000 TANKS, AN OFFICE FOR TAKING ORDERS AND SINGLE AXLE DELIVERY TRUCKS IN B-2 (BUSINESS: GENERAL) /R-A-15 (RESIDENTIAL: APARTMENTS) ZONING DISTRICTS, IS HEREBY

GRANTED;

PROVIDED, HOWEVER, THAT:

- THE CONDITIONAL USE WILL APPLY ONLY TO THE USES AND STRUCTURES AS DESCRIBED IN THE PETITION AND CONDITIONAL USE PLAN SUBMITTED, AND NOT TO ANY OTHER ACTIVITIES, USES, STRUCTURES, OR ADDITIONS ON THE PROPERTY.
- IF THE STORAGE AREA IS CLOSED OR NOT OPERATED FOR A CONTINUOUS PERIOD OF TWELVE MONTHS, THE STORAGE FACILITIES SHALL BE DISMANTLED AND REMOVED FROM THE SITE.

HOWARD COUNTY BOARD OF APPEALS

BA CASE-09-021C valid / will expire per Zoning Sections 131.I.3.a.-f.

SHEET INDEX	
NO.	SHEET TITLE
1	COVER SHEET
2	EXISTING CONDITIONS AND DEMOLITION PLAN
3	SITE AND GRADING PLAN
4	SITE DETAILS
5	EROSION AND SEDIMENT CONTROL PLAN
6	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS
7	STORMWATER MANAGEMENT PLAN - REDEVELOPMENT
8	LANDSCAPE PLAN
9	LANDSCAPE NOTES AND DETAILS
10	SIMPLIFIED FOREST STAND DELINEATION & FOREST CONSERVATION PLAN

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division HSP Date: 7/20/10

Chief, Division of Land Development Date: 7/20/10

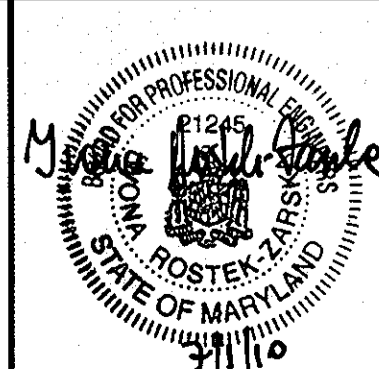
Director Date: 7/20/10

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
D	3430 NORTH CHATHAM ROAD

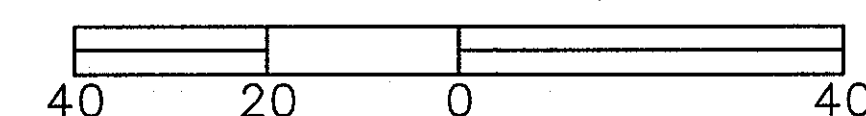
PERMIT INFORMATION CHART				
SUBDIVISION NAME	PARKER SUBDIVISION	SECTION/AREA	LOT/PARCEL NO.	
PLAT NUMBER OF L.P.	GRID#	ZONING	TAX MAP NO.	ELECT. DISTR.
11134	4	B-2-TNCR-A-15	24	2nd
				CENSUS TRACT
				602208

DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM HORIZONTAL - NAD83/91

BLDG
Baltimore Land Design Group Inc.
Consulting Engineers
222 SCHILLING CIRCLE SUITE 105 • HUNT VALLEY, MARYLAND 21030
PHONE: 410.229.9851 • FAX: 410.229.9865 • BLDG@BLDGINC.COM



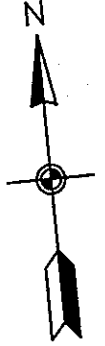
PROFESSIONAL CERTIFICATION
HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2012.



OWNER/ DEVELOPER
PARKER FUEL COMPANY
12925 ROUTE 144
WEST FRIENDSHIP, MD 21794
ATTN: JASON A. PARKER
PHONE: 410-465-3800

REVISIONS		
DATE	REVISIONS	ITEM

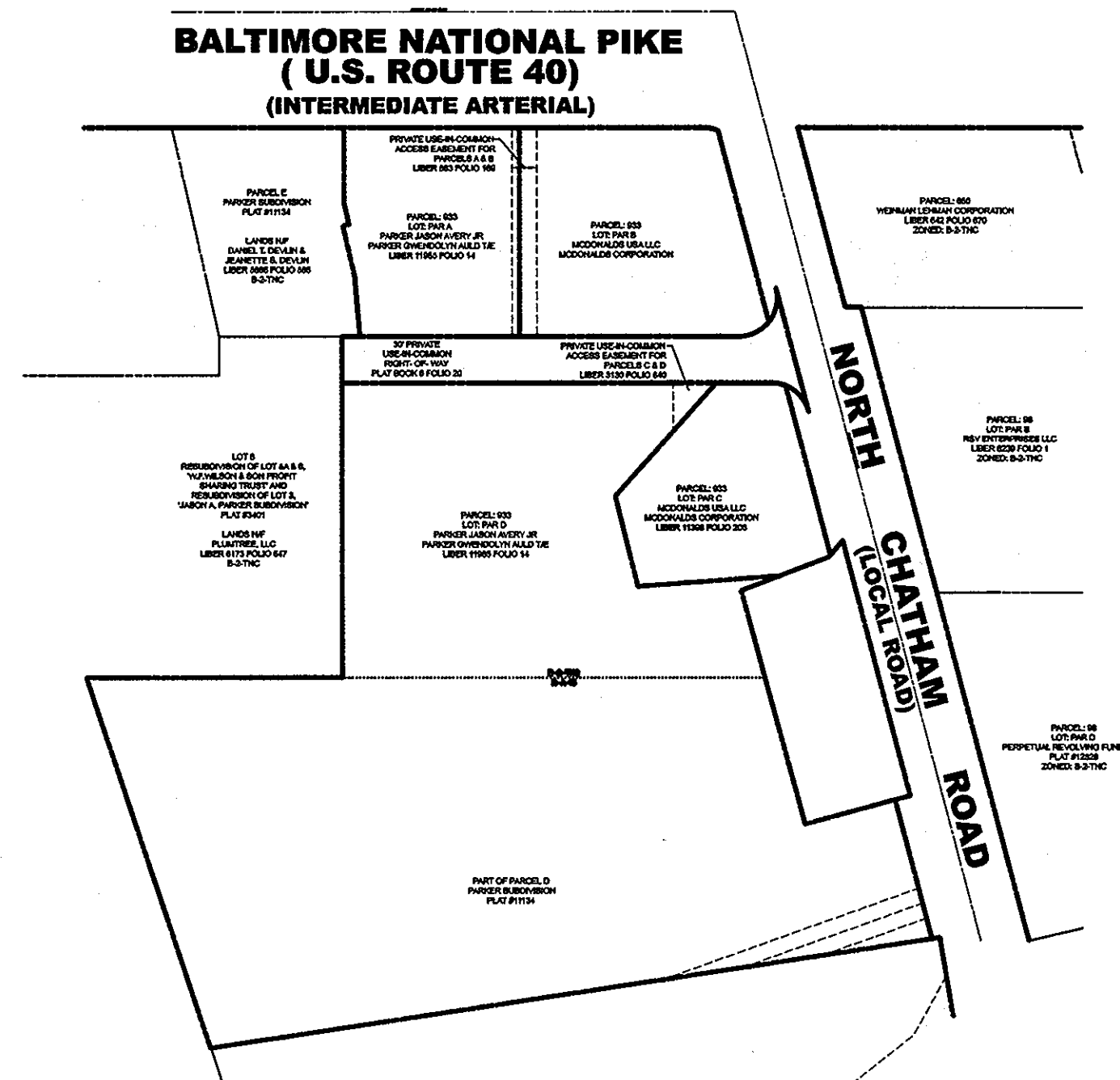
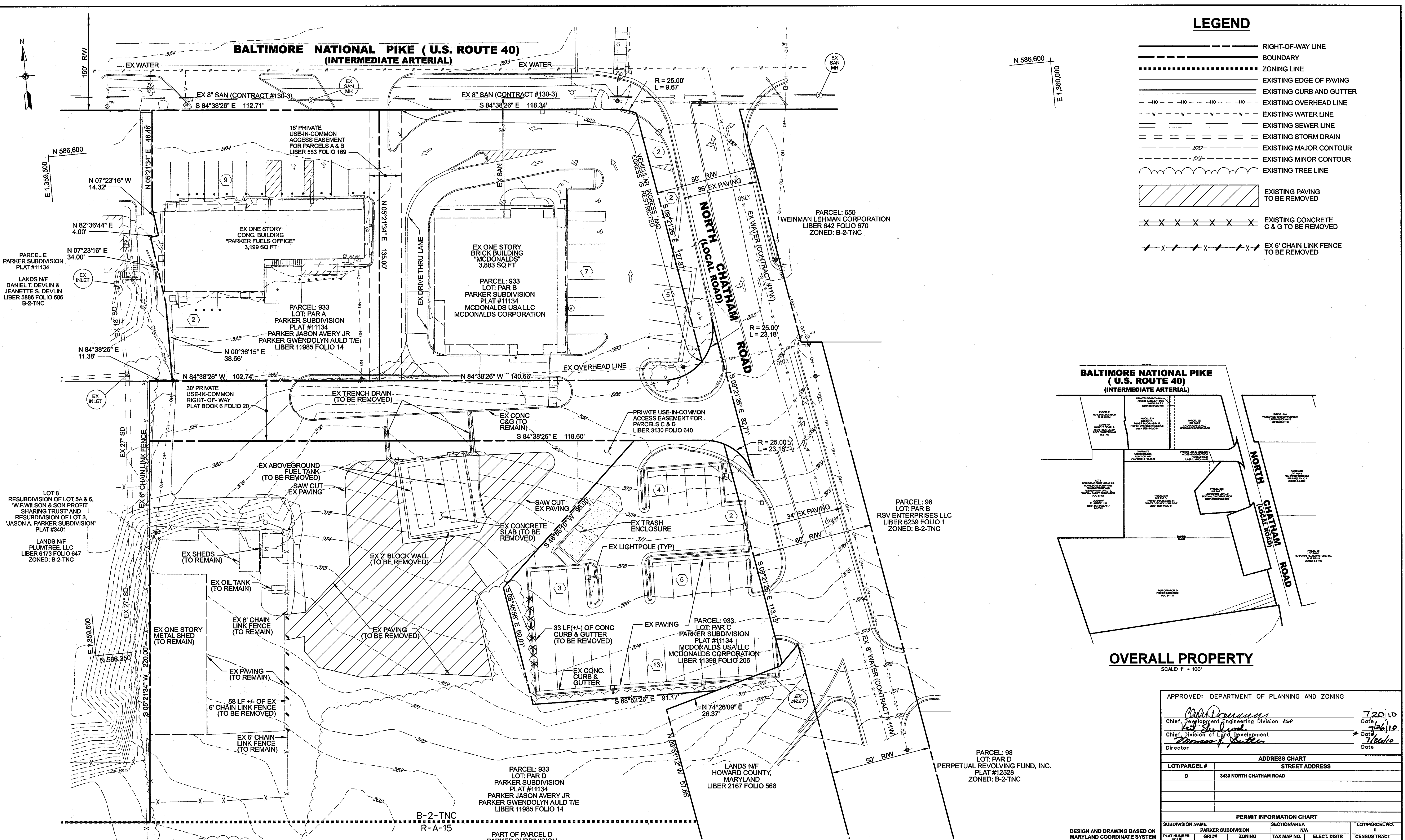
COVER SHEET
PARKER FUEL COMPANY
PARCEL D
RELOCATION OF ABOVE GROUND FUEL TANKS
ELLICOTT CITY
HOWARD COUNTY, MARYLAND
SCALE: 1" = 20'
SHEET 1 OF 10
DATE: JUNE, 2010
SDP-10-064



**BALTIMORE NATIONAL PIKE (U.S. ROUTE 40)
(INTERMEDIATE ARTERIAL)**

LEGEND

- RIGHT-OF-WAY LINE
- BOUNDARY
- ZONING LINE
- EXISTING EDGE OF PAVING
- EXISTING CURB AND GUTTER
- EXISTING OVERHEAD LINE
- EXISTING WATER LINE
- EXISTING SEWER LINE
- EXISTING STORM DRAIN
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING TREE LINE
- EXISTING PAVING TO BE REMOVED
- EXISTING CONCRETE C & G TO BE REMOVED
- EX 6' CHAIN LINK FENCE TO BE REMOVED



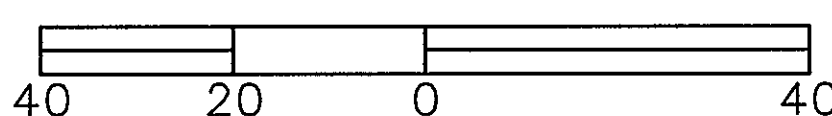
OVERALL PROPERTY
SCALE: 1" = 100'

APPROVED: DEPARTMENT OF PLANNING AND ZONING			
<i>Chris Dammann</i> Chief, Development Engineering Division AsP Date: 7/20/10			7/20/10
<i>West Shuler</i> Chief, Division of Land Development Date: 7/26/10			7/26/10
<i>Thomas J. Scullin</i> Director Date: 7/26/10			7/26/10
ADDRESS CHART			
LOT/PARCEL #	STREET ADDRESS		
D	3430 NORTH CHATHAM ROAD		
PERMIT INFORMATION CHART			
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.	
PARKER SUBDIVISION	N/A	D	
PLAT NUMBER	GRID#	ZONING	TAX MAP NO.
11134	4	B-2-TNCR-A-15	24
		ELECT. DISTR.	CENSUS TRACT
		2nd	602306

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Consulting Engineers
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PHONE: 410.229.9851 • FAX: 410.229.9865 • BLDG@BLDGINC.COM



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I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2012.

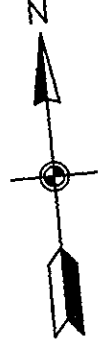


OWNER/ DEVELOPER
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12925 ROUTE 144
WEST FRIENDSHIP, MD 21794
ATTN: JASON A. PARKER
PHONE: 410-465-3800

REVISIONS	
DATE	ITEM

**EXISTING CONDITIONS AND DEMOLITION PLAN
PARKER FUEL COMPANY**

PARCEL D
RELOCATION OF ABOVE GROUND FUEL TANKS
ELLICOTT CITY, HOWARD COUNTY, MARYLAND
SCALE: 1" = 20'



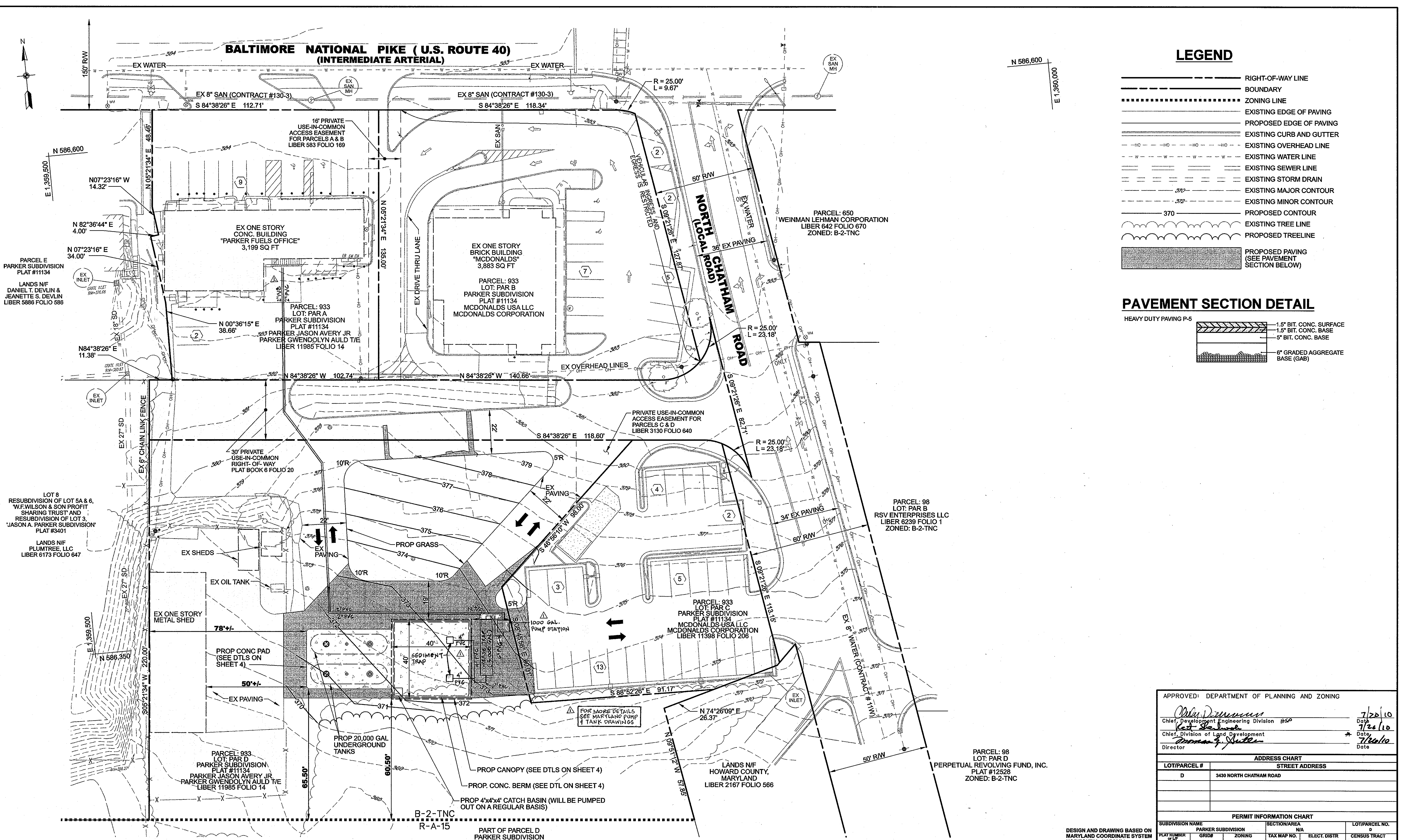
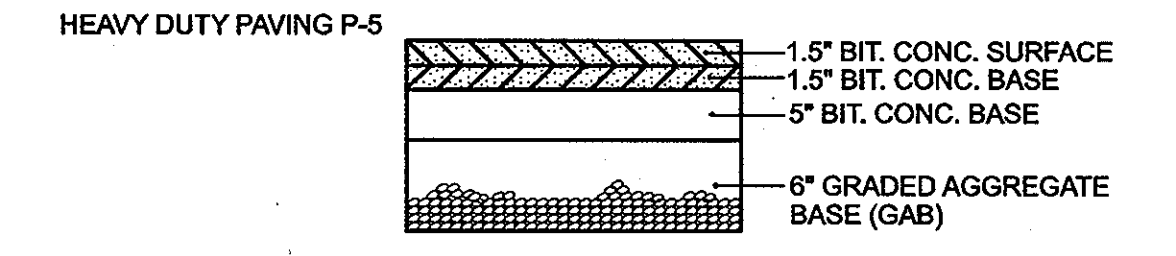
**BALTIMORE NATIONAL PIKE (U.S. ROUTE 40)
(INTERMEDIATE ARTERIAL)**

N 586,600
E 1,360,000

LEGEND

- RIGHT-OF-WAY LINE
- BOUNDARY
- ZONING LINE
- EXISTING EDGE OF PAVING
- PROPOSED EDGE OF PAVING
- EXISTING CURB AND GUTTER
- EXISTING OVERHEAD LINE
- EXISTING WATER LINE
- EXISTING SEWER LINE
- EXISTING STORM DRAIN
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED CONTOUR
- EXISTING TREE LINE
- PROPOSED TREELINE
- PROPOSED PAVING (SEE PAVEMENT SECTION BELOW)

PAVEMENT SECTION DETAIL



APPROVED: DEPARTMENT OF PLANNING AND ZONING

Robert J. ... Chief, Development Engineering Division HSP Date: 7/28/10
Kevin ... Chief, Division of Land Development Date: 7/28/10
Thomas ... Director Date: 7/28/10

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
D	3430 NORTH CHATHAM ROAD

PERMIT INFORMATION CHART			
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.	DATE
PARKER SUBDIVISION	N/A	D	7/28/10

PLAY NUMBER	GRID#	ZONING	TAX MAP NO.	ELECT. DISTR.	CENSUS TRACT
11134	4	B-2-TNCR-A-15	24	2nd	602306

DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM HORIZONTAL - NAD83/91

OWNER/ DEVELOPER
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12925 ROUTE 144
WEST FRIENDSHIP, MD 21794
ATTN: JASON A. PARKER
PHONE: 410-465-3800

REVISIONS	
DATE	ITEM
09/20/13	REV. #1 - ADDITION OF A 5,000 GAL. GREASE TRAP AND A 1,000 GAL PUMP STATION WITH ASSOCIATED PIPING

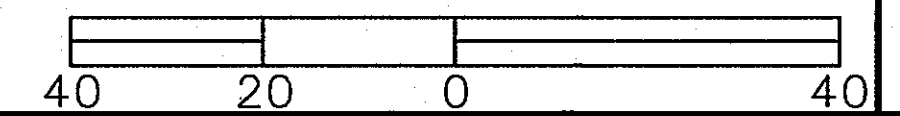
SITE AND GRADING PLAN
PARKER FUEL COMPANY
PARCEL 'D'
RELOCATION OF ABOVE GROUND FUEL TANKS

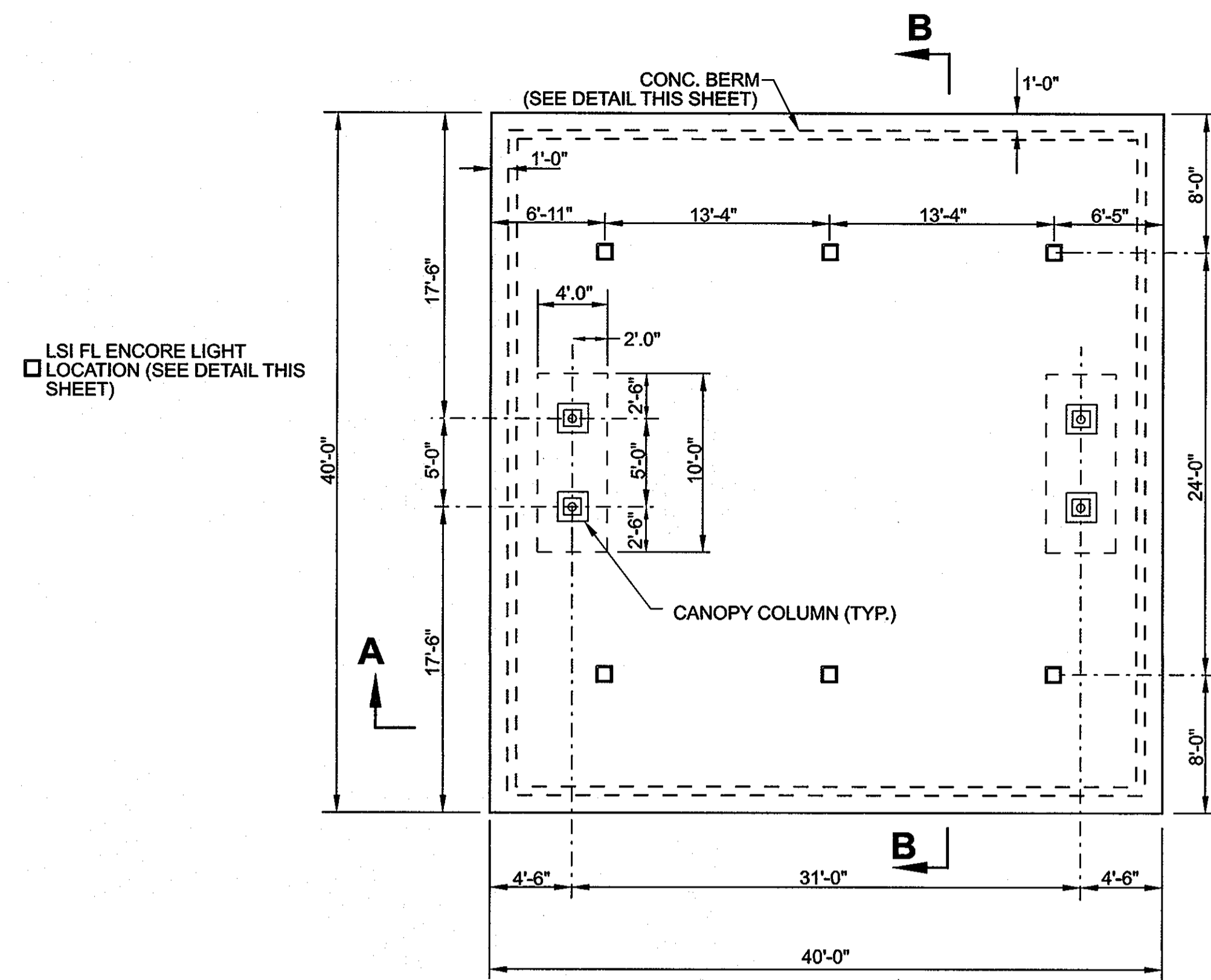
ELICOTT CITY, HOWARD COUNTY, MARYLAND
SCALE: 1" = 20'

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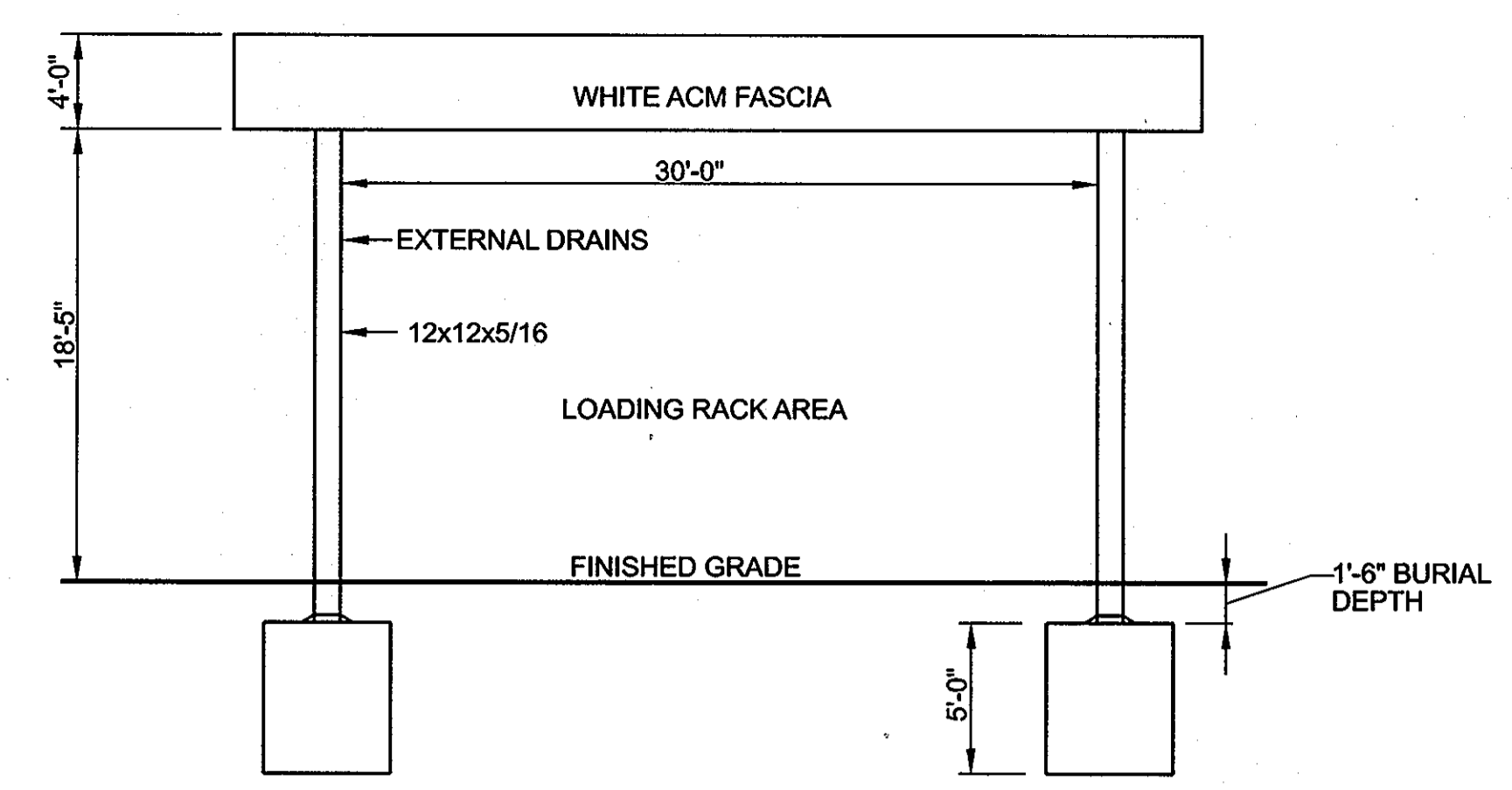




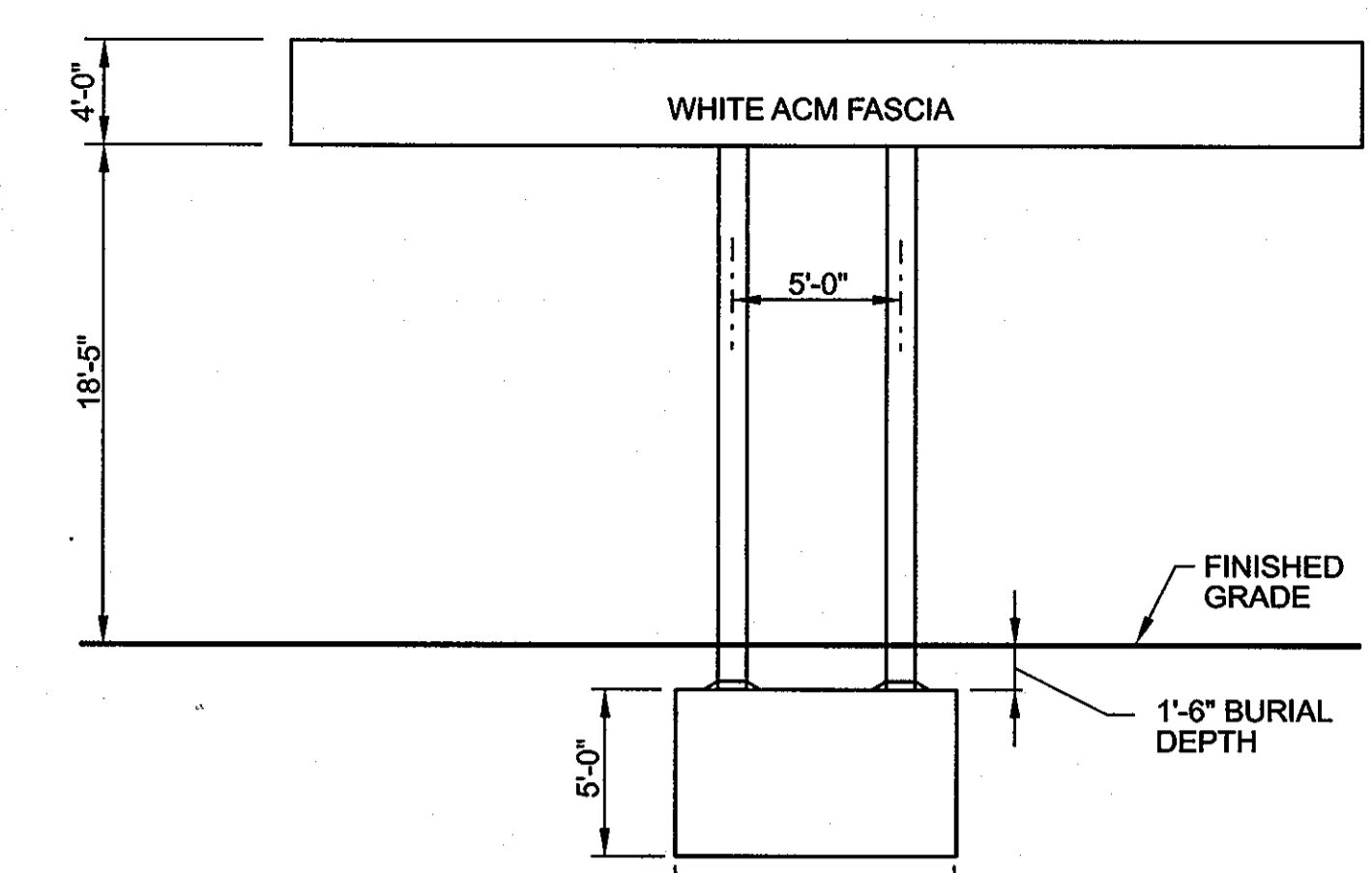
LSI FL ENCORE LIGHT
LOCATION (SEE DETAIL THIS SHEET)

CONC. BERM
(SEE DETAIL THIS SHEET)

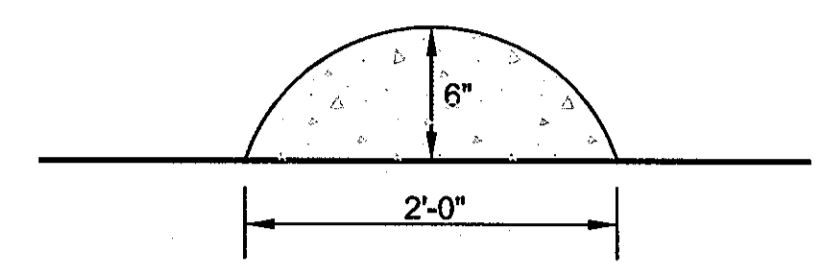
CANOPY COLUMN (TYP.)



SECTION A-A



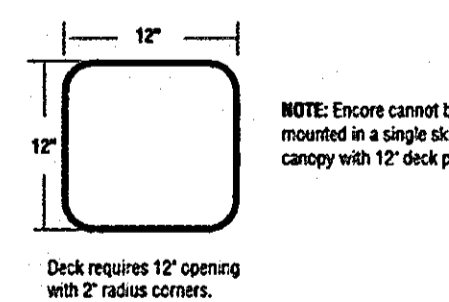
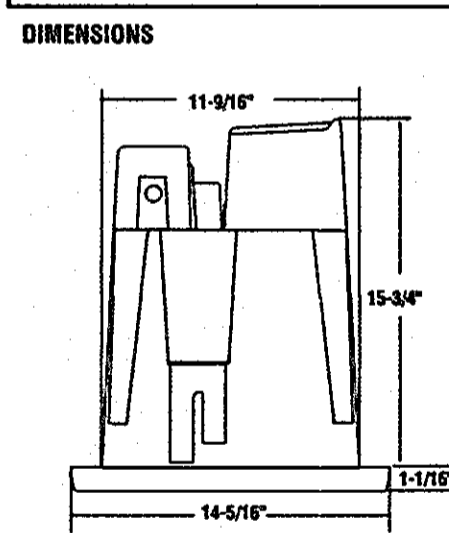
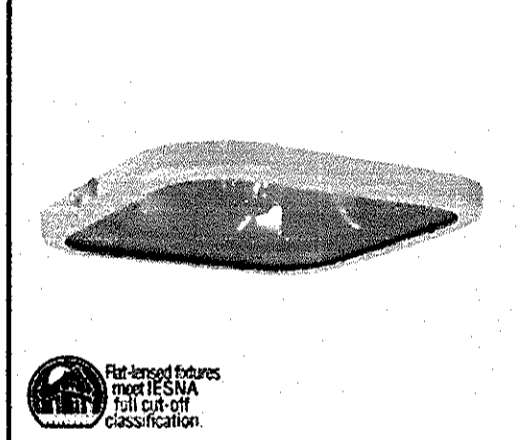
SECTION B-B



CONCRETE BERM
NOT TO SCALE

CANOPY DETAIL
NOT TO SCALE

ENCORE® - FLAT LENS - DOUBLE OR SINGLE DECK APPLICATIONS



SHIPPING WEIGHT
Est. Weight (Ba.) 38

Protected by the following patents: 5,662,407 6,059,422 6,152,579 6,224,233 6,464,378 Patented 199,284 CA2276077 CA2381049 and Pat. Pend.

HOUSING - Die-cast, one-piece aluminum ensures durable, weather-tight construction. Two threaded conduit openings allow through wiring.

LENS/GASKET - Choose either a flat clear tempered glass lens or a G73 diffused flat tempered glass lens. A continuous one-piece extruded high temperature gasket ensures maximum sealing to the housing.

LENS FRAME/DOOR FASTENER - Features an integral hinged, die-cast aluminum lens frame. Door frame closes and locks with stainless steel spring catch, allowing easy access for ground re-lamping.

INSTALLATION - One-person installation. No additional sealant required.

REFLECTORS/DISTRIBUTION PATTERNS - The vertical burn optical system and symmetrical reflector provide uniform general lighting under the canopy.

LIGHT SOURCES - Pulse-Start Metal Halide or Pulse-Start Metal Halide Reduced.

BALLASTS - High-power factor type ballasts. Pulse-Start Metal Halide features Super GWA ballasts. Ballasts are designed for 20 degree F operation. Electrical components are serviceable from below.

FINISH - Standard colors are white or bronze powder coat finish. Each fixture is finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years.

WARRANTY - The Encore carries a comprehensive 5-year warranty on all parts, finish, workmanship and electrical components (excluding lamp).

PHOTOMETRICS - For detailed photometric data, contact LSI Petroleum Lighting Sales.

ENCORE® - FLAT LENS - DOUBLE OR SINGLE DECK APPLICATIONS

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **EC S 250 PSMV F MT WHT**

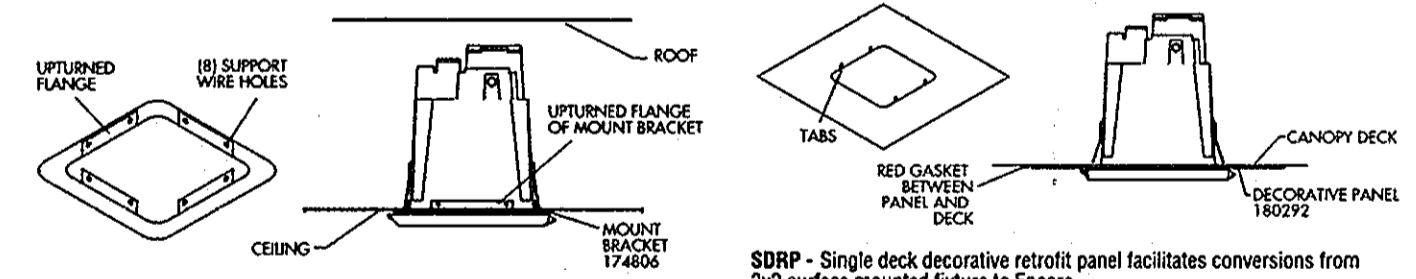
Luminaire Prefix	Distribution	Lamp Wattage	Light Source	Lens	Line Voltage	Luminaire Finish	Options
EC	S - Symmetrical	175 200 250 320 400	PSMV - Pulse-Start Metal Halide 175, 200, 250, 320 Watt PSMVR - Pulse-Start Metal Halide Reduced 400 Watt	F - Clear Flat Tempered Glass D73 - Drilled Flat Tempered Glass	MT - Multi-Tap ¹ TT - Tri-Tap ² 220v - 50Hz	WHT - White BRZ - Bronze	TH - Thermally Protected ³ CE - European Compliant ⁴

FOOTNOTES:
1- MT - Multi Tap is shipped standard unless otherwise specified. Multi Tap consists of 120V, 208V, 240V, and 277V. Multi Tap is pre-wired for 277V. Alternate voltages will require field re-wiring.
2- Tri-Tap is shipped standard for Canadian applications. Tri-Tap consists of 120V, 277V, and 347V. Tri-Tap is pre-wired for 347V. Alternate voltages will require field re-wiring.
3- Order when fixtures are to be used in enclosed ceilings. Voltage must be specified 120V, 208V, 240V, 277V, 347V or 220V 50Hz.
4- Consult Factory.

ACCESSORY ORDERING INFORMATION (Accessories are field installed)

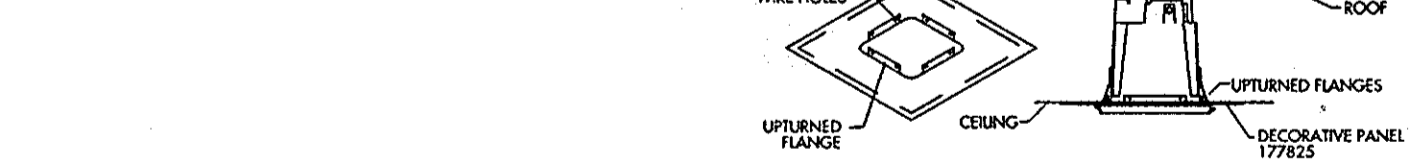
Description	Order Number
Kit for Canopy Kit for Encore	17400
Ground Lamp Changes: 250, 300, 400 (Reduces Watt 200 Watt)	12503A 12503E

DDM - DOUBLE DECK MOUNTING BRACKET (ORDER NUMBER 17400) SDRP - SINGLE DECK RETROFIT PANEL (ORDER NUMBER 18202)



DDM - For use in covered areas (i.e. water proof plenum) where ceiling material will not support the fixture or access is not available from above to utilize standard locking ring.

SDRP - Single deck decorative retrofit panel facilitates conversions from 2x2 surface mounted fixture to Encore.



DDMP - Decorative retrofit panel is for use on double deck canopies only. Panel will structurally support the Encore while covering an opening up to 600mm by 600mm. For use in covered areas only (i.e. water proof plenum).

04/15/09 Project Name _____ Fixture Type _____
© 2009 LSI INDUSTRIES INC. Catalog # _____ LSI Petroleum Lighting™

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division ASD 7/20/10
Date

Chief, Division of Land Development 7/21/10
Date

Director 7/21/10
Date

ADDRESS CHART

LOT/PARCEL #	STREET ADDRESS
D	3430 NORTH CHATHAM ROAD

PERMIT INFORMATION CHART

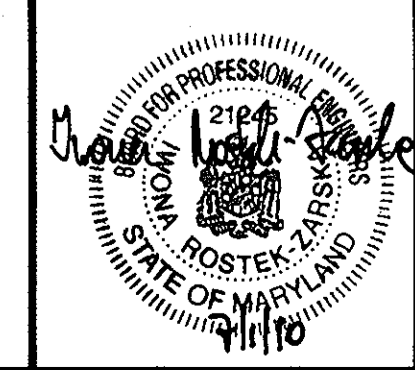
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.
PARKER SUBDIVISION	N/A	9

PLAY NUMBER or LIP	GRID#	ZONING	TAX MAP NO.	ELECT. DIST.	CENSUS TRACT
11134	4	B-2-TNC/R-A-15	24	2nd	602306

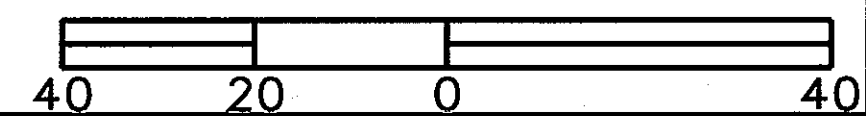
DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM HORIZONTAL - NAD83/91

BLDG
Baltimore Land Design Group Inc.
Consulting Engineers

222 SCHILLING CIRCLE SUITE 105 • HUNT VALLEY, MARYLAND 21030
PHONE: 410.229.9851 • FAX: 410.229.9865 • BLDG@BLDGC.COM



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. 21245, EXPIRATION DATE: JUNE 9, 2012.



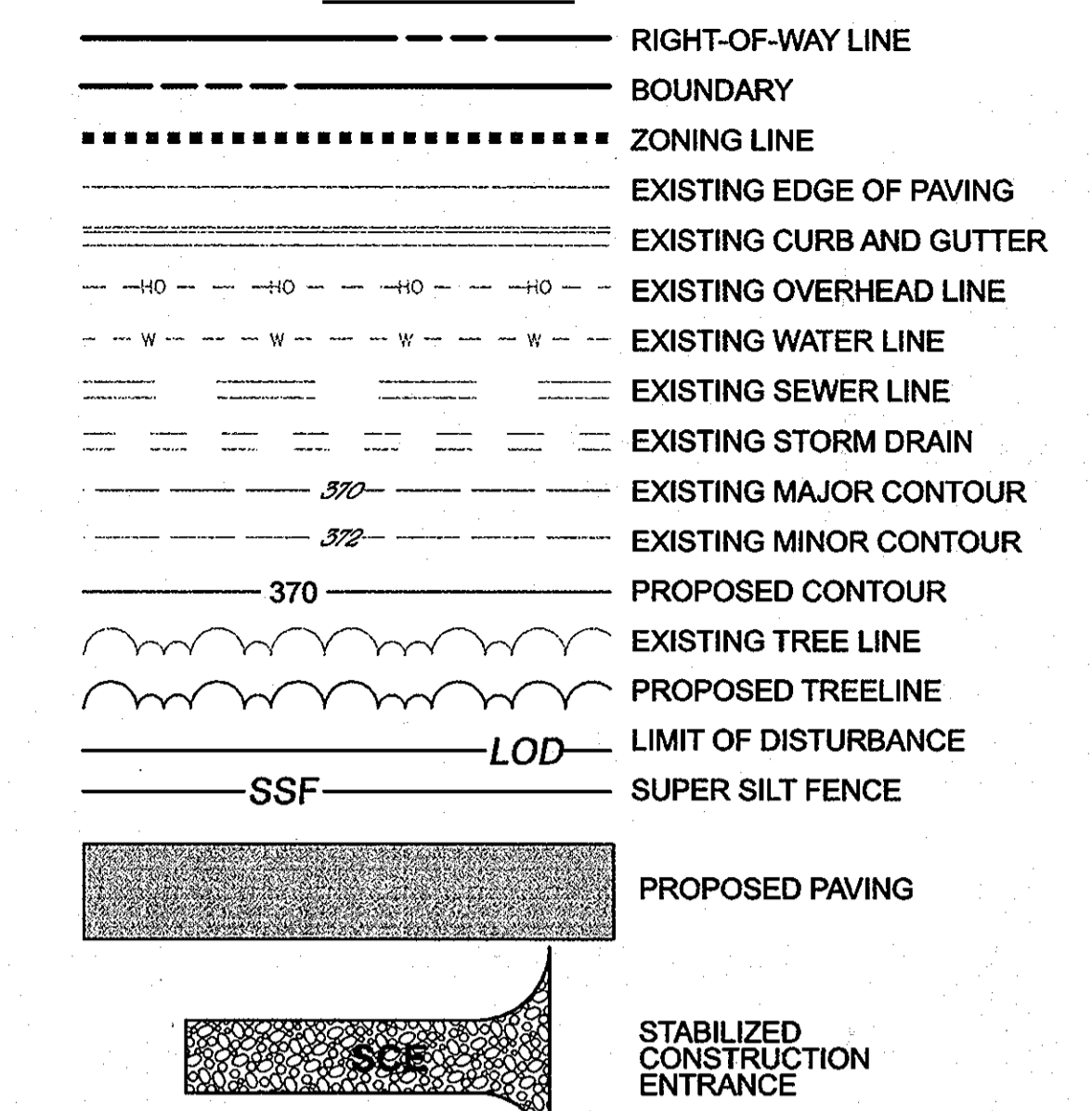
OWNER/ DEVELOPER
PARKER FUEL COMPANY
12925 ROUTE 144
WEST FRIENDSHIP, MD 21794
ATTN: JASON A. PARKER
PHONE: 410-465-3800

REVISIONS	
DATE	ITEM

SITE DETAILS
PARKER FUEL COMPANY
PARCEL 1D
RELOCATION OF ABOVE GROUND FUEL TANKS

ELLCOTT CITY
HOWARD COUNTY, MARYLAND
SCALE: 1" = 20'

LEGEND



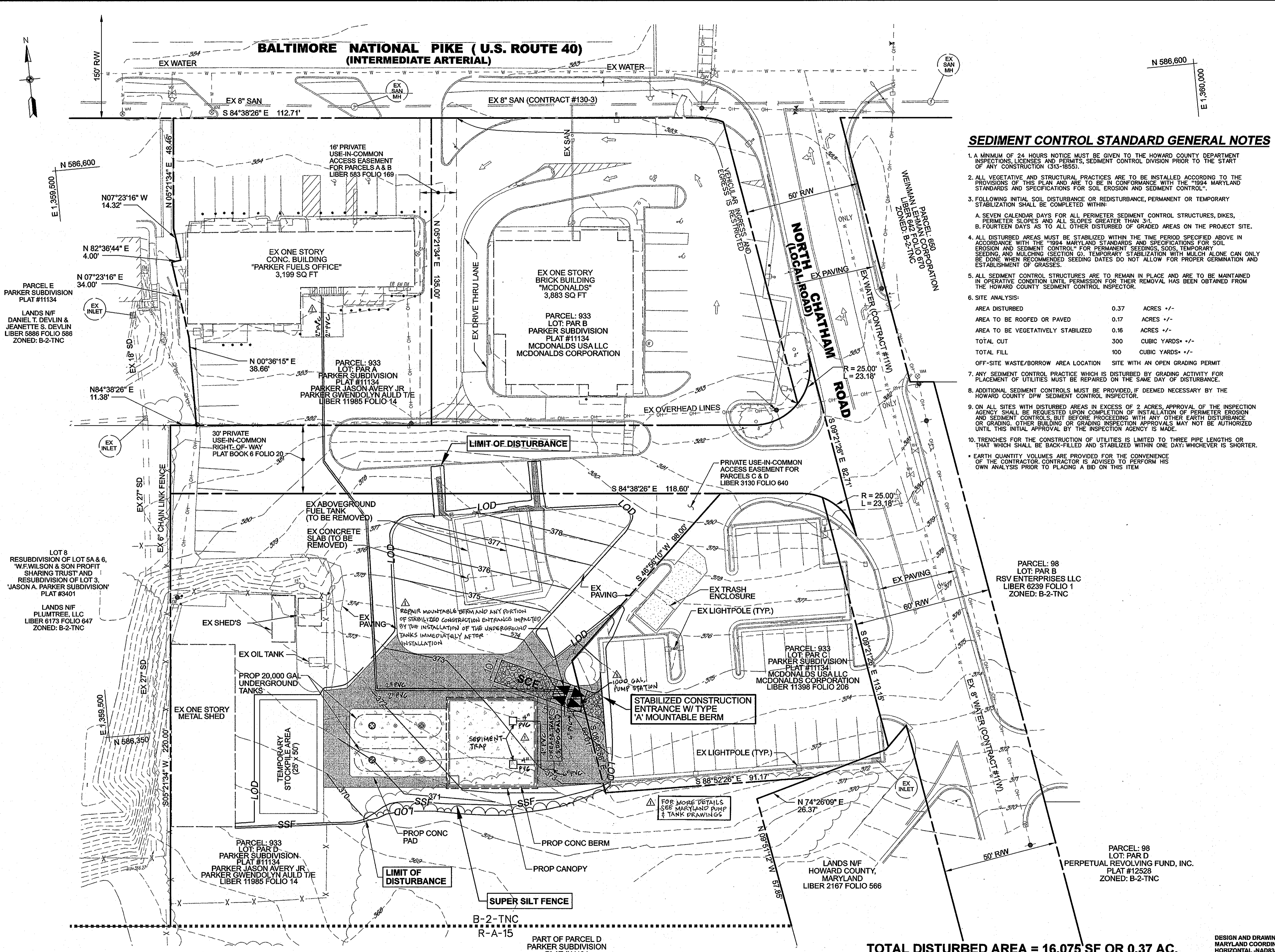
SEQUENCE OF OPERATION

1. OBTAIN GRADING PERMIT. (1 DAY)
2. NOTIFY THE HOWARD COUNTY DEPARTMENT OF PERMITS AND LICENSES 48 HOURS BEFORE BEGINNING WORK. (1 DAY)
3. WITH PERMISSION FROM SEDIMENT CONTROL INSPECTOR, REMOVE ONLY THAT PORTION OF EXISTING CURB AND ASPHALT PAVING FOR INSTALLATION OF THE STABILIZED CONSTRUCTION ENTRANCE. CLEAR AND GRUB FOR THE INSTALLATION OF THE SUPER SILT FENCE. (2 DAYS)
4. WITH PERMISSION FROM SEDIMENT CONTROL INSPECTOR, BEGIN THE DEMOLITION OPERATION AS SHOWN ON THE DEMOLITION PLAN. PLEASE REFER TO DUST CONTROL SPECIFICATIONS ON SHEET 6 OF 10. (7 DAYS)
5. INSTALL PROPOSED UNDERGROUND STORAGE TANKS, PROPOSED CANOPY AND PROPOSED ASPHALT PAVING. (7 DAYS)
6. FINE GRADE ANY REMAINING AREAS, INSTALL SITE LANDSCAPING AND PERMANENTLY STABILIZE ALL DISTURBED AREAS. (7 DAYS)
7. UPON COMPLETION OF SITE CONSTRUCTION, AND WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE THE SUPER SILT FENCE AND STABILIZE THOSE AREAS DISTURBED IN ACCORDANCE WITH PERMANENT SEEDING SPECIFICATIONS. (2 DAYS)

SEDIMENT CONTROL STANDARD GENERAL NOTES

1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF PERMITS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1855).
 2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE "1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL".
 3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
 - A. SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1.
 - B. FOURTEEN DAYS AS TO ALL OTHER DISTURBED OF GRADED AREAS ON THE PROJECT SITE.
 4. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE "1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" FOR PERMANENT SEEDINGS, SODS, TEMPORARY SEEDING AND MULCHING (SECTION G). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
 5. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
 6. SITE ANALYSIS:

AREA DISTURBED	0.37 ACRES +/-
AREA TO BE ROOFED OR PAVED	0.17 ACRES +/-
AREA TO BE VEGETATIVELY STABILIZED	0.16 ACRES +/-
TOTAL CUT	300 CUBIC YARDS +/-
TOTAL FILL	100 CUBIC YARDS +/-
 7. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
 8. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DFW SEDIMENT CONTROL INSPECTOR.
 9. ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
 10. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE DAY, WHICHEVER IS SHORTER.
- * EARTH QUANTITY VOLUMES ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR IS ADVISED TO PERFORM HIS OWN ANALYSIS PRIOR TO PLACING A BID ON THIS ITEM



TOTAL DISTURBED AREA = 16,075 SF OR 0.37 AC.

DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM HORIZONTAL - NAD83/91

This development plan is approved for soil erosion and sediment control by the HOWARD COUNTY DEPARTMENT OF PERMITS AND LICENSES

John R. Robertson 7/15/10
 Date

ENGINEER'S CERTIFICATE
 I certify that this plan for sediment and erosion control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Mona Rostek-Zarska 7/1/10
 Date

DEVELOPER'S CERTIFICATE
 I/We certify that all development and construction will be done according to this plan for sediment and erosion control, and that all 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 Erosion before beginning the project. I also authorize periodic on-site inspections by the Howard Soil Conservation District.

Jason A. Parker, Jr. 6-27-10
 Date

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Robert J. ... 7/20/10
 Date
 Chief, Development Engineering Division ASP

... 7/26/10
 Date
 Chief, Division of Land Development

... 7/26/10
 Date
 Director

LOT/PARCEL #	STREET ADDRESS
D	3430 NORTH CHATHAM ROAD

PERMIT INFORMATION CHART				
SUBDIVISION NAME	SECTION/AREA	N/A	LOT/PARCEL NO.	
PARKER SUBDIVISION				
PLAT #11134				
GRUPP	ZONING	TAX MAP NO.	ELECT. DISTR.	CENSUS TRACT
4	B-2-TNCR-A-15	24	2nd	602206

BLDG
 Baltimore Land Design Group Inc.
 Consulting Engineers

222 SCHILLING CIRCLE SUITE 105 • HUNT VALLEY, MARYLAND 21080
 PHONE: 410.229.9851 • FAX: 410.229.9865 • BLDG@BLDGINC.COM

PROFESSIONAL CERTIFICATION

HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2012.

John R. Robertson
 7/1/10

OWNER/ DEVELOPER
PARKER FUEL COMPANY
 12925 ROUTE 144
 WEST FRIENDSHIP, MD 21794
 ATTN: JASON A. PARKER
 PHONE: 410-465-3800

DATE: 03/20/15

REVISIONS

DATE	REVISIONS	ITEM
03/20/15	REV #1 - ADDITION OF A 5,000 GAL. GREASE TRAP AND A 1,000 GAL PUMP STATION WITH ASSOCIATED PLUMBING	

EROSION AND SEDIMENT CONTROL PLAN
PARKER FUEL COMPANY
 PARCEL 'D'
 RELOCATION OF ABOVE GROUND FUEL TANKS

ELLICOTT CITY
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 20'

SHEET 5 OF 10
 DATE: JUNE, 2010
 SDP-10-064

21.0 STANDARD AND SPECIFICATIONS FOR TOPSOIL

DEFINITION
PLACEMENT OF TOPSOIL OVER A PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION.

PURPOSE
TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION.

CONDITIONS WHERE PRACTICE APPLIES

- THIS PRACTICE IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE:
 - THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE VEGETATIVE GROWTH.
 - THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOT ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS.
 - THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.
 - THE SOIL IS SO AODIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.

II. FOR THE PURPOSES OF THESE STANDARDS AND SPECIFICATIONS, AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN FOR ADEQUATE STABILIZATION. AREAS HAVING SLOPES STEEPER THAN 2:1 SHALL HAVE THE APPROPRIATE STABILIZATION SHOWN ON THE PLANS.

CONSTRUCTION AND MATERIAL SPECIFICATIONS

I. TOPSOIL SALVAGED FROM THE EXISTING SITE MAY BE USED PROVIDED THAT IT MEETS THE STANDARDS AS SET FORTH IN THESE SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN SOIL TYPE CAN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA.

II. TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:
I. TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND, OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CHINDERS, STONES, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIAL LARGER THAN 1/2" IN DIAMETER.
II. TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.

III. WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER THE ENTIRE AREA AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.

IV. FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES:

I. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS.

II. FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES:

- ON SITE MEETING TOPSOIL SPECIFICATIONS, OBTAIN TEST RESULTS DICTATING FERTILIZER AND LIME AMENDMENTS IN COMPLIANCE WITH THE FOLLOWING:
 - PH FOR TOPSOIL SHALL BE BETWEEN 6.0 AND 7.5. IF THE TESTED SOIL DEMONSTRATES A PH OF LESS THAN 6.0, SUFFICIENT LIME SHALL BE PRESCRIBED TO RAISE THE PH TO 6.5 OR HIGHER.
 - ORGANIC CONTENT OF TOPSOIL SHALL NOT BE LESS THAN 1% BY WEIGHT.
 - TOPSOIL HAVING SOLUBLE SALT CONTENT GREATER THAN 500 PARTS PER MILLION SHALL NOT BE USED.
 - NO SOD OR SEED SHALL BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED (14 DAYS MIN) TO PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS.

NOTE: TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN LIEU OF NATURAL TOPSOIL.

II. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS.

V. TOPSOIL APPLICATION

- WHEN TOPSOILING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSION, GRADE STABILIZATION STRUCTURES, EARTH DIKES, SLOPE SILT FENCE, AND SEDIMENT TRAPS AND BASINS.
- GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE BEEN PREVIOUSLY ESTABLISHED, SHALL BE MAINTAINED, ABOUT 4" - 8" HIGHER IN ELEVATION.
- TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED IN A 4" - 8" LAYER AND LIGHTLY COMPACTED TO A MINIMUM THICKNESS OF 3". SPREADING SHALL BE PERFORMED IN SUCH A MANNER THAT SODDING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.
- TOPSOIL SHALL NOT BE PLACED WHILE THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDING PREPARATION.

VI. ALTERNATIVE FOR PERMANENT SEEDING - INSTEAD OF APPLYING THE FULL AMOUNTS OF LIME AND COMMERCIAL FERTILIZER, COMPOSTED SLUDGE AND AMENDMENTS MAY BE APPLIED AS SPECIFIED, BELOW:

- COMPOSTED SLUDGE MATERIAL FOR USE AS A SOIL CONDITIONER FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES SHALL BE TESTED TO PRESCRIBE AMENDMENTS AND FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
 - COMPOSTED SLUDGE SHALL BE SUPPLIED BY, OR ORIGINATED FROM, A PERSON OR PERSONS THAT ARE PERMITTED (AT THE TIME OF ACQUISITION OF THE COMPOST) BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT UNDER COMAR 26.04.06.
 - COMPOSTED SLUDGE SHALL CONTAIN AT LEAST 1 PERCENT NITROGEN, 1.5 PERCENT PHOSPHORUS, AND 0.2 PERCENT POTASSIUM AND HAVE A PH OF 7.0 TO 8.0. IF COMPOST DOES NOT MEET THESE REQUIREMENTS, THE APPROPRIATE CONSTITUENTS MUST BE ADDED TO MEET THE REQUIREMENTS PRIOR TO USE.
 - COMPOSTED SLUDGE SHALL BE APPLIED AT A RATE OF 1 TON/1,000 SQUARE FEET.
- COMPOSTED SLUDGE SHALL BE AMENDED WITH A POTASSIUM FERTILIZER APPLIED AT THE RATE OF 4 LB./1,000 SQUARE FEET, AND 1/3 THE NORMAL LIME APPLICATION RATE.

REFERENCES: GUIDELINE SPECIFICATIONS, SOIL PREPARATION AND SODDING, MD-VA, PUB. #1, COOPERATIVE EXTENSION SERVICE, UNIVERSITY OF MARYLAND AND VIRGINIA POLYTECHNIC INSTITUTES, REVISED 1973.

PERMANENT / TEMPORARY SEEDING NOTES

PERMANENT SEEDING NOTES
APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:
1. PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ. FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 3-0-0 UREA FORM FERTILIZER (14 LBS./1000 SQ. FT.)
2. ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ. FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL.

SEEDING - FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (14 LBS./1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (05 LBS./1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY OPTION (1) - 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) - USE SOD. (3) - SEED WITH 60 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING - APPLY 1/2 TO 2 TONS PER ACRE (70 - 90 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATIONS USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL./1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

MAINTENANCE - INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION - LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS - APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.)

SEEDING - FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU ALGUST 15, SEED WITH 1 1/2 BUSHEL PER ACRE OF WEEPING LOVEGRASS (0.7 LBS./1000 SQ. FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING - APPLY 1/2 TO 2 TONS PER ACRE (70 - 90 LBS./1000 SQ. FT.) OF UNROTTED WOOD FREE SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL. PER ACRE (5 GAL./1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FT. OR HIGHER, USE 348 GAL. PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR ADDITIONAL RATES AND METHODS NOT COVERED.

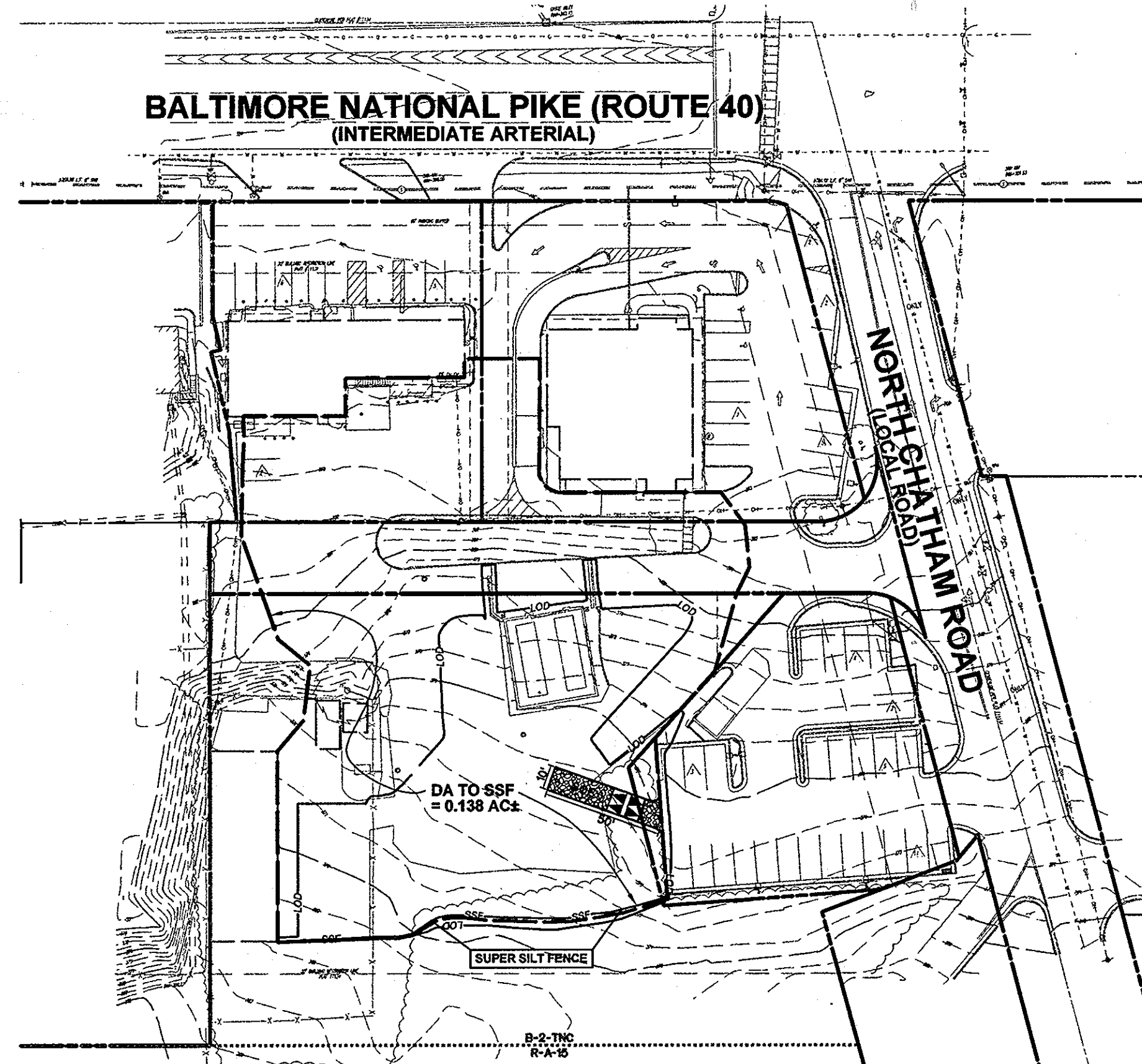
DUST CONTROL SPECIFICATIONS

TEMPORARY METHODS:

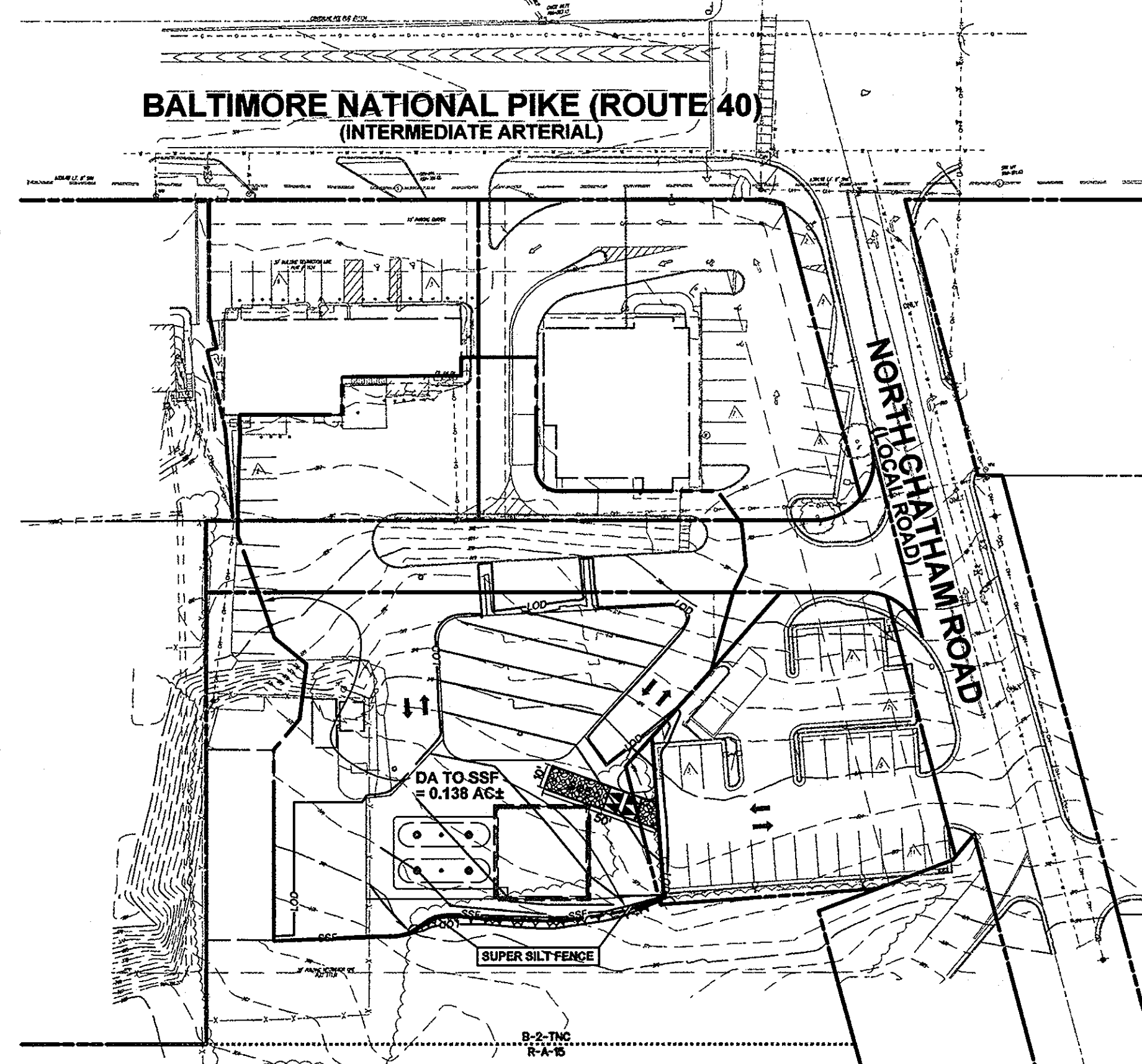
- MULCHES - SEE STANDARDS FOR VEGETATIVE STABILIZATION WITH MULCHES ONLY. MULCH SHOULD BE CRIMPED OR TACKED TO PREVENT BLOWING.
- VEGETATIVE COVER - SEE STANDARDS FOR TEMPORARY VEGETATIVE COVER.
- TILLAGE - TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS AN EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, SPRING-TOOTHED HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.
- IRRIGATION - THIS IS GENERALLY DONE AS AN EMERGENCY TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS MOIST. REPEAT AS NEEDED, AT NO TIME SHOULD THE SITE BE IRRIGATED TO THE POINT THE RUNOFF BEGINS TO FLOW.
- BARRIERS - SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, STRAW BALES, AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVALS OF ABOUT 10 TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING SOIL BLOWING.
- CALCIUM CHLORIDE - APPLY AT A RATE THAT WILL KEEP SURFACE MOIST. MAY NEED RETREATMENT.

PERMANENT METHODS:

- PERMANENT VEGETATION - SEE STANDARDS FOR PERMANENT VEGETATIVE COVER, AND PERMANENT STABILIZATION WITH SOD. EXISTING TREES OR LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.
- TOPSOILING - COVERING WITH LESS EROSION SOIL MATERIALS. SEE STANDARDS FOR TOPSOILING.
- STONE - COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.

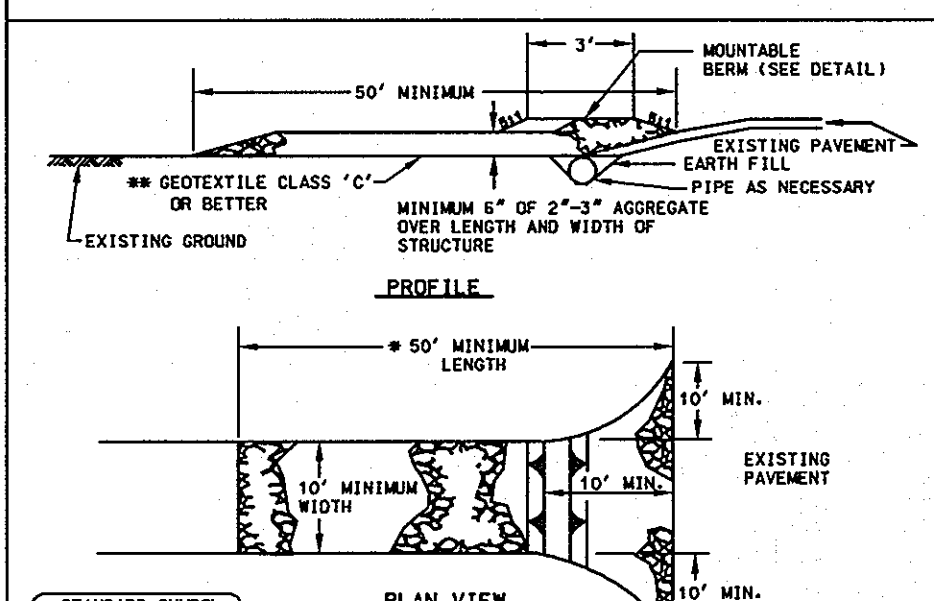


EXISTING DRAINAGE AREA MAP
SCALE: 1"=50'



PROPOSED DRAINAGE AREA MAP
SCALE: 1"=50'

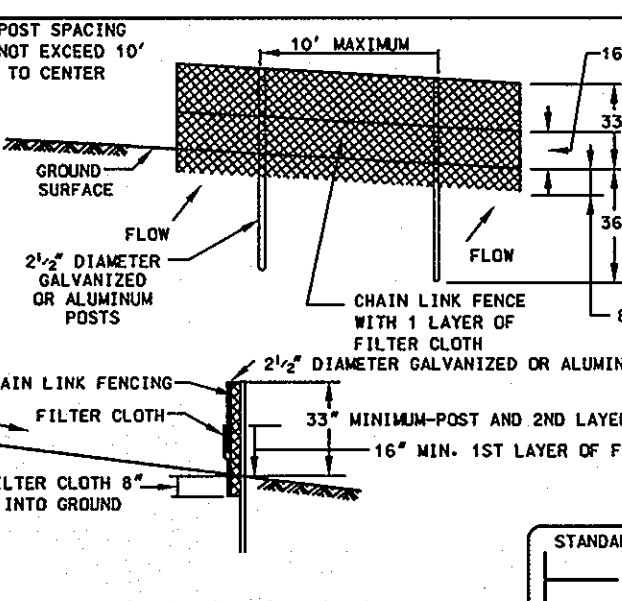
DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



- Construction Specifications**
- Length - minimum of 50' (40' for single residence lot).
 - Width - 10" minimum, should be flared at the existing road to provide a turning radius.
 - Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family residences to use geotextile.
 - Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
 - Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SEE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
 - Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 7-17-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

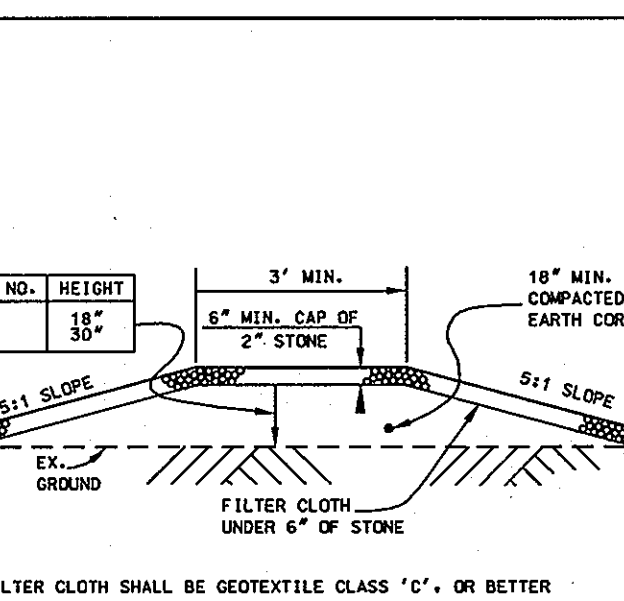
DETAIL 33 - SUPER SILT FENCE



- Construction Specifications**
- Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6' fence shall be used, substituting 42" fabric and 6' length posts.
 - Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and truss rods, drive anchors and post caps are not required except on the ends of the fence.
 - Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.
 - Filter cloth shall be embedded a minimum of 8" into the ground.
 - When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.
 - Maintenance shall be performed as needed and all bulges removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height.
 - Filter cloth shall be fastened securely to each fence post with wire ties or staples at top and mid section and shall meet the following requirements for Geotextile Class F1:
Tensile Strength 50 lbs/in (min.) Test: NEMT 509
Tensile Modulus 20 lbs/in (min.) Test: NEMT 509
Flow Rate 0.3 gal/ft²/min (max.) Test: NEMT 322
Filtering Efficiency 75% (min.) Test: NEMT 322

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 8-28-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL - MOUNTABLE BERM



- Construction Specifications**
- Filter cloth shall be geotextile class "C", or better.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 8-28-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT
John R. Robertson 7/15/10
Howard Co. SCD Date

ENGINEER'S CERTIFICATE
"I certify that this plan for sediment and erosion control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."
Yvonne Rosstek-Zarska 7/1/10
Yvonne Rosstek-Zarska, P.E. 21245 Date

DEVELOPER'S CERTIFICATE
"I/We certify that all development and construction will be done according to this plan for sediment and erosion control, and that all 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 Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."
Jason A. Parker 6-29-10
Jason A. Parker, Jr. Date

APPROVED: DEPARTMENT OF PLANNING AND ZONING
John J. ... 7/20/10
Chief, Development Engineering Division MSP Date
Robert ... 7/26/10
Chief, Division of Land Development Date
Thomas ... 7/26/10
Director Date

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
D	3430 NORTH CHATHAM ROAD

PERMIT INFORMATION CHART			
SUBDIVISION NAME	SECTION/AREA	TAX MAP NO.	LOT/PARCEL NO.
PARKER SUBDIVISION	N/A	24	D
PLAY NUMBER of L.P.	GRID#	ZONING	ELECT. DIST.
11134	4	B-2-TNC-R-A-15	2nd
			CENSUS TRACT
			602206

DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM HORIZONTAL - NAD83/91

REVISIONS	
DATE	ITEM

OWNER/ DEVELOPER
PARKER FUEL COMPANY
12925 ROUTE 144
WEST FRIENDSHIP, MD 21794
ATTN: JASON A. PARKER
PHONE: 410-465-3800

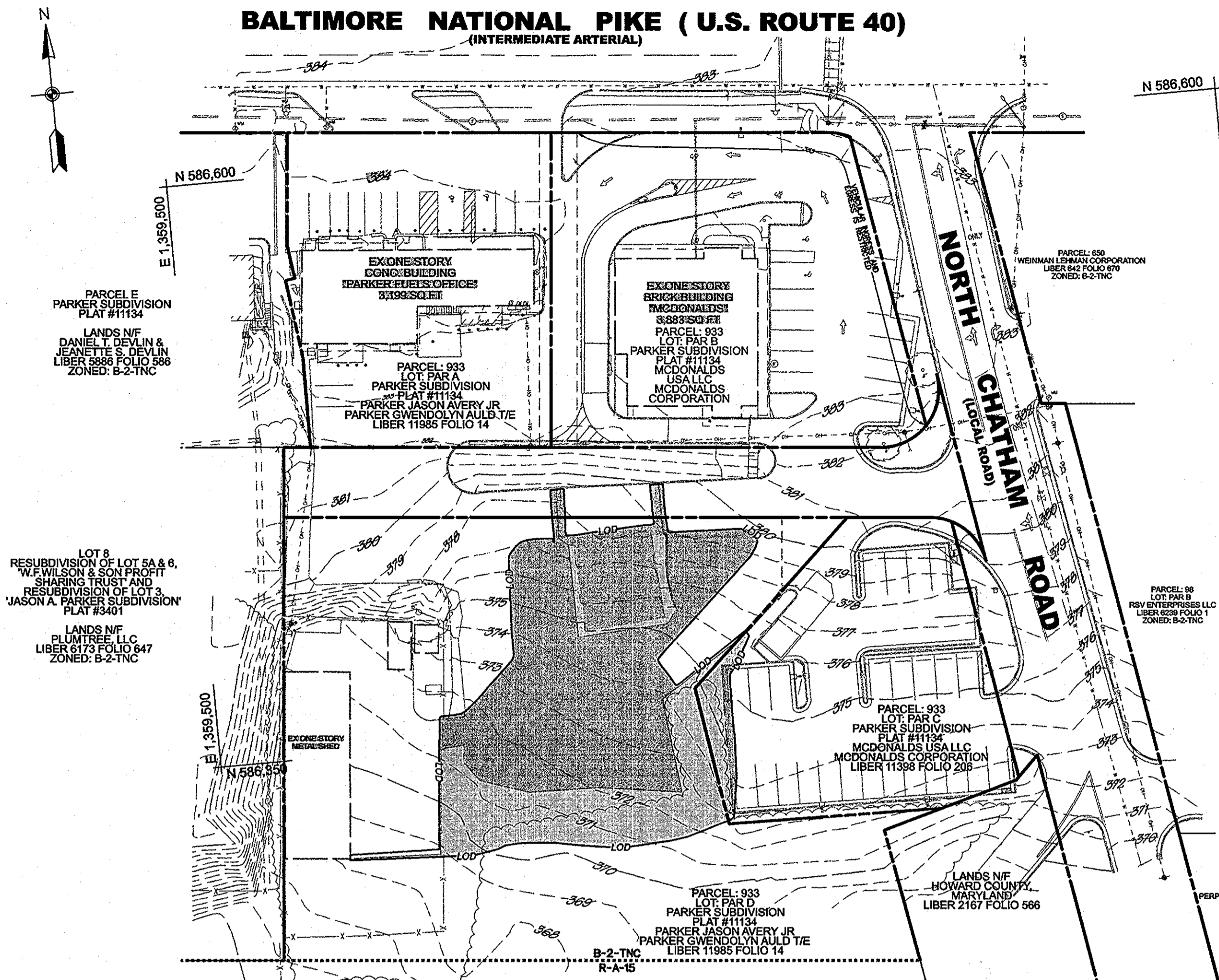
PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2012.



BLDG
Baltimore Land Design Group Inc.
Consulting Engineers
222 SCHILLING CIRCLE SUITE 105 • HUNT VALLEY, MARYLAND 21050
PHONE: 410.229.9851 • FAX: 410.229.9865 • BLDG@BLDGINC.COM

EROSION AND SEDIMENT CONTROL NOTES AND DETAILS
PARKER FUEL COMPANY
PARCEL 'D'
RELOCATION OF ABOVE GROUND FUEL TANKS
ELLIOTT CITY, HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN
SHEET 6 OF 10
DATE: JUNE, 2010
SDP-10-064

BALTIMORE NATIONAL PIKE (U.S. ROUTE 40)
(INTERMEDIATE ARTERIAL)



LEGEND

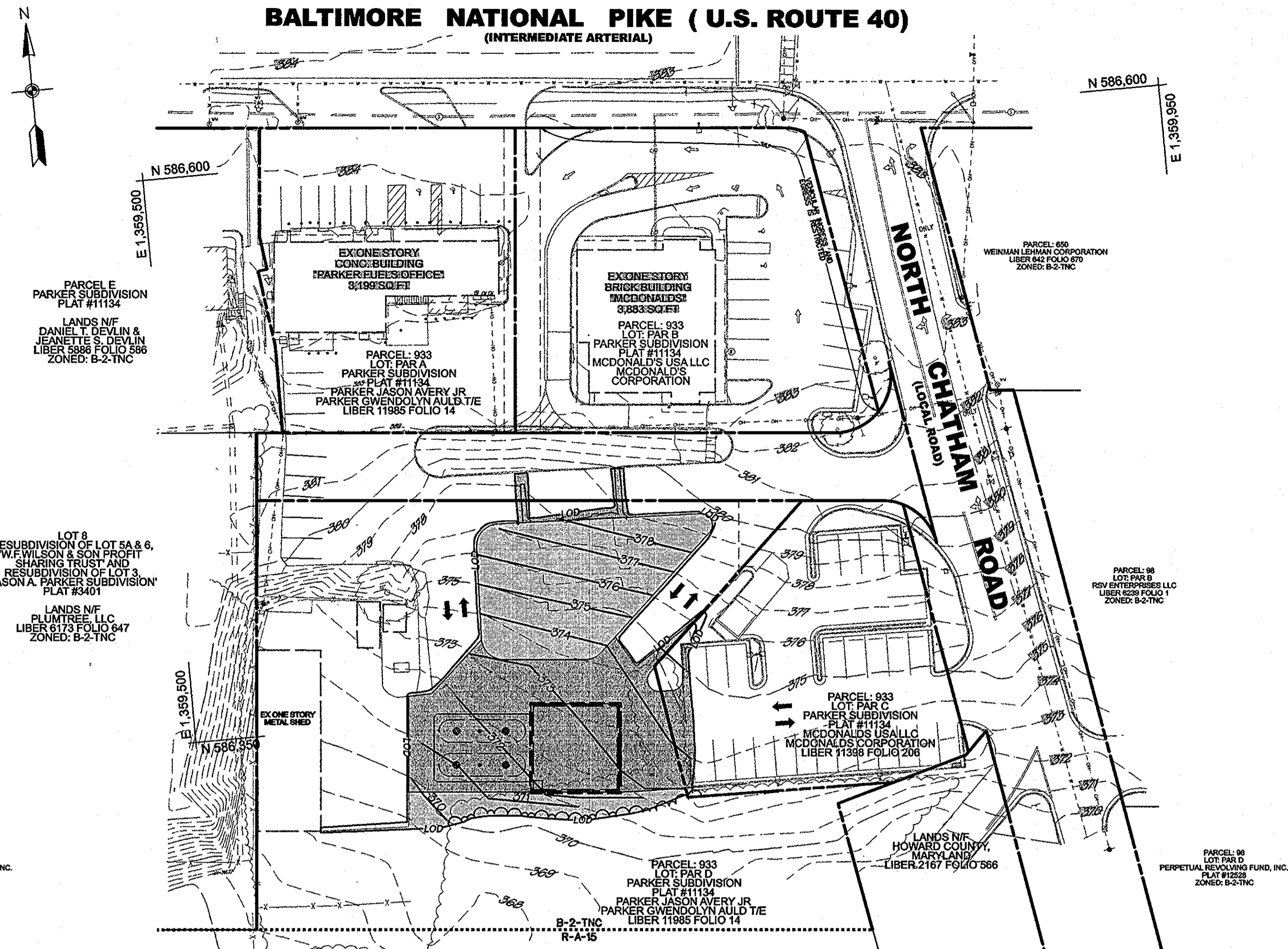
- IMPERVIOUS AREA
(9,377 SF)
- GRASS AREA
(4,798 SF)

SWM LIMIT OF DISTURBANCE
AREA: 14,375 SF OR 0.33 AC.

EXISTING CONDITIONS PLAN

Scale : 1" = 40'

BALTIMORE NATIONAL PIKE (U.S. ROUTE 40)
(INTERMEDIATE ARTERIAL)



LEGEND

- IMPERVIOUS AREA
(7,458 SF)
- GRASS AREA
(6,917 SF)

SWM LIMIT OF DISTURBANCE
AREA: 14,325 SF OR 0.33 AC.

PROPOSED CONDITIONS PLAN

Scale : 1" = 40'

CALCULATION FOR REDEVELOPMENT:

EXISTING IMPERVIOUS = 9,480 SF
 20% REDUCTION REQUIRED FOR REDEVELOPMENT = 9,480 x 20% = 1,896 SF
 PROPOSED IMPERVIOUS = 7,458 SF
 REDUCTION PROVIDED FOR REDEVELOPMENT = 9,480 SF - 7,458 SF = 2,022 SF OR 21%

APPROVED: DEPARTMENT OF PLANNING AND ZONING

[Signature] 7/20/10
 Chief, Development Engineering Division H&P Date
[Signature] 7/20/10
 Chief, Division of Land Development Date
[Signature] 7/20/10
 Director Date

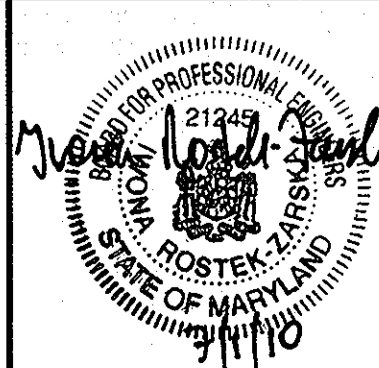
ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
D	3430 NORTH CHATHAM ROAD

PERMIT INFORMATION CHART				
SUBDIVISION NAME	SECTION/AREA	TAX MAP NO.	ELECT. DISTR.	LOT/PARCEL NO.
PARKER SUBDIVISION	N/A	24	2nd	602306

DESIGN AND DRAWING BASED ON
 MARYLAND COORDINATE SYSTEM
 HORIZONTAL - NAD83/91

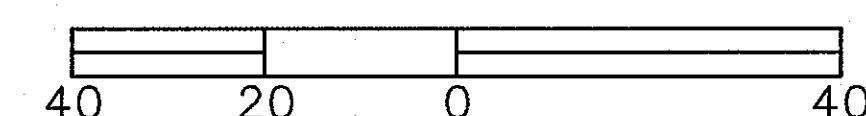
BLDG

Baltimore Land Design Group Inc.
 Consulting Engineers
 222 SCHILLING CIRCLE SUITE 105 • HUNT VALLEY, MARYLAND 21030
 PHONE: 410.229.9851 • FAX: 410.229.9865 • BLDG@BLDGINC.COM



PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2012.



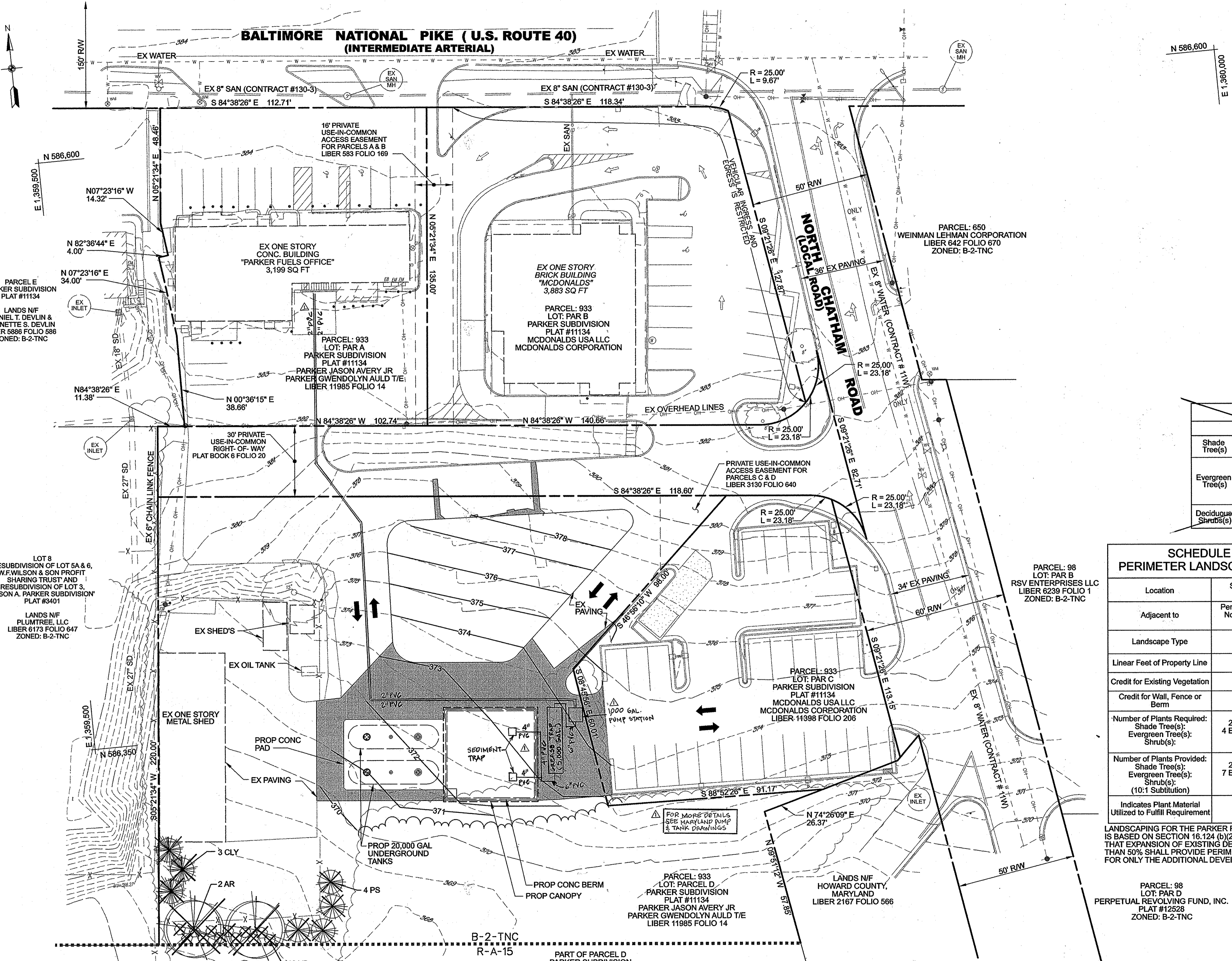
OWNER/ DEVELOPER

PARKER FUEL COMPANY
 12925 ROUTE 144
 WEST FRIENDSHIP, MD 21794
 ATTN: JASON A. PARKER
 PHONE: 410-465-3800

REVISIONS		
DATE	REVISIONS	ITEM

**STORMWATER MANAGEMENT PLAN
 REDEVELOPMENT
 PARKER FUEL COMPANY
 PARCEL 'D'
 RELOCATION OF ABOVE GROUND FUEL TANKS**

ELLICOTT CITY
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 40'



LEGEND

- RIGHT-OF-WAY LINE
- BOUNDARY
- ZONING LINE
- EXISTING EDGE OF PAVING
- EXISTING CURB AND GUTTER
- EXISTING OVERHEAD LINE
- EXISTING WATER LINE
- EXISTING SEWER LINE
- EXISTING STORM DRAIN
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- 370 PROPOSED CONTOUR
- EXISTING TREE LINE
- PROPOSED TREELINE
- PROPOSED PAVING

HOWARD COUNTY, MD COMPLIANCE CHART

Table 1 Perimeter Landscape Types - Based on Adjacent Land Use

Landscape Edge Type	Landscape Character	Shade Tree (s) Per Linear Feet	Evergreen Tree (s) Per Linear Feet
A	Light Buffer	1:60	0
B	Moderate Buffer	1:50	1:40
C	Heavy Buffer	1:40	1:20
D	Screen	1:60	1:10
E	Buffer - Parking Adj. to Roadway	1:40	0

LANDSCAPE SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
Shade Tree(s)	AR 2	Acer Rubrum	Red Maple	2 1/2 - 3" Cal.	B & B
Evergreen Tree(s)	CLY 3	X Cupressocyparis Leylandii	Leyland Cypress	6 - 7'	B & B
	PS 4	Pinus Strobus	Eastern White Pine	6 - 7'	B & B
Deciduous Shrub(s)	VD 12	Viburnum Dentatum	Arrowwood Viburnum	3 - 4'	B & B

SCHEDULE 'A' PERIMETER LANDSCAPE EDGE

Location	South Property Line (P-3)
Adjacent to	Perimeter Properties Non-Residential to Residential
Landscape Type	Type C
Linear Feet of Property Line	271.67 L.F.
Credit for Existing Vegetation	Yes (193 L.F.)
Credit for Wall, Fence or Berm	No
Number of Plants Required:	
Shade Tree(s):	2 Shade Tree(s)
Evergreen Tree(s):	4 Evergreen Tree(s)
Shrub(s):	0 Shrub(s)
Number of Plants Provided:	
Shade Tree(s):	2 Shade Tree(s)
Evergreen Tree(s):	7 Evergreen Tree(s)
Shrub(s):	12 Shrub(s)
(10:1 Substitution)	
Indicates Plant Material Utilized to Fulfill Requirement	"#"

LANDSCAPE SURETY NOTE:

FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING SHALL BE POSTED AS A PART OF THE GRADING PERMIT IN THE AMOUNT OF:

(2) SHADE TREES @ \$300 EACH	=	\$600.00
(7) EVERGREEN TREES @ \$150 EACH	=	\$1,050.00
(12) SHRUBS @ \$30 EACH	=	\$360.00
TOTAL	=	\$2,010.00

LANDSCAPING FOR THE PARKER FUEL COMPANY SITE IS BASED ON SECTION 16.124 (b)(2)(ii) WHICH STATES THAT EXPANSION OF EXISTING DEVELOPMENT BY LESS THAN 50% SHALL PROVIDE PERIMETER LANDSCAPING FOR ONLY THE ADDITIONAL DEVELOPMENT.

DEVELOPER'S / BUILDER'S CERTIFICATE

I/ We certify that the landscaping shown on this plan will be done according to the plan, Section 16.124 of the Howard County Code and the Howard County Landscape Manual. I/ We further certify that upon completion, a Certification of Landscape Installation, accompanied by an executed one year guarantee of plant materials, will be submitted to the Department of Planning and Zoning.

Signature: *Jason A. Parker* President 6-25-13
 PRINT NAME: Jason A. Parker TITLE: President DATE: 6-25-13

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 Chief, Development Engineering Division: *John D. ...* Date: 7/20/13
 Chief, Division of Land Development: *...* Date: 7/20/13
 Director: *...* Date: 7/20/13

ADDRESS CHART

LOT/PARCEL #	STREET ADDRESS
D	3439 NORTH CHATHAM ROAD

PERMIT INFORMATION CHART

SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.
PARKER SUBDIVISION	N/A	D
PLAT NUMBER	GRID#	ZONING
11134	4	B-2-TNCR-A-15
TAX MAP NO.	ELECT. DISTR.	CENSUS TRACT
24	2nd	602306

BLDG
 Baltimore Land Design Group Inc.
 Consulting Engineers
 222 SCHILLING CIRCLE SUITE 105 • HUNT VALLEY, MARYLAND 21030
 PHONE: 410.229.9851 • FAX: 410.229.9865 • BLDG@BLDGINC.COM



PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 12245, EXPIRATION DATE: JUNE 9, 2012.

OWNER/ DEVELOPER
PARKER FUEL COMPANY
 12925 ROUTE 144
 WEST FRIENDSHIP, MD 21794
 ATTN: JASON A. PARKER
 PHONE: 410-465-3800

NOTE: LANDSCAPE OBLIGATION MET WITH EXISTING ONSITE PLANT MATERIALS.

REVISIONS

DATE	ITEM
03/20/13	REV #1 - ADDITION OF A 5,000 GAL. GREASE TRAP AND A 1,000 GAL. PUMP STATION WITH ASSOCIATED PUMPING

LANDSCAPE PLAN
PARKER FUEL COMPANY
 PARCEL 'D'
 RELOCATION OF ABOVE GROUND FUEL TANKS

ELLICOTT CITY
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 20'

SPECIFICATIONS FOR PLANTING

Plant Identification : All plants shall be properly marked for identification and checking.

List of Plant Materials : The Contractor will verify plant quantities prior to bidding and any discrepancies shall be brought to the attention of the Landscape Architect. The Contractor shall furnish and plant all plants required to complete the work as shown on the drawings. Substitutions shall not be made without the written approval of the Landscape Architect. This contract will be based on the bidder having verified, prior to bidding, the availability of the required plant materials as specified on the Plant List.

Plant Quantity : All shrubs shall be dense, heavy to the ground, and well grown, showing evidence of having been sheared regularly, and sound, free of plant disease or insect eggs, and shall have a healthy, normal root system. Plants shall be nursery grown. Plants shall not be pruned prior to delivery. The shape of the plant shall in general conform to its natural growth proportions unless otherwise specified. All plants including container grown shall conform to American Standard for Nursery Stock (ANSI z60.1, latest edition), and shall have a well-shaped, heavy branch structure for the species. Evergreen trees are to have an internode no greater than 24" and shall be uniformly well-shaped. All plant sizes shall average at least the middle of the range given in the plant list.

Plant Spacing: Plant spacing is to scale on the plan or as shown on the plant list.

Soil Mix: Soil mix will be 2/3 existing soil and 1/3 leaf mold or equal organic material, thoroughly mixed and homogenized.

Ball Size: The ball size shall conform to the American Association of Nurserymen's publication entitled American Standard for Nursery Stock, ANSI z60.1, latest edition.

Excavation: Holes for all plants shall be 18" larger in diameter than size of ball or container and shall have vertical sides. Hedges shall be planted in a trench 12" wider than ball diameter. Beds for mass planting shall be entirely rototilled to a depth of 8" and shall be 18" beyond the average outside edge of plant balls. A 2" layer of organic material (i.e., leaf mold) will be incorporated into plant beds by tilling again.

Planting: Backfilling shall be done with soil mix, reasonably free of stones, subsoil, clay, lumps, stumps, roots, weeds, bermuda grass, litter, toxic substances, or any other material which may be harmful to plant growth or hinder grading, planting, or maintenance operations. Should any unforeseen or unsuitable planting conditions arise, such as faulty soil drainage or chemical residues, they should be called to the attention of the Landscape Architect and Owner for adjustments before planting. The plant shall be set plumb and straight and shall be staked at the time of planting. Backfill shall be well worked about the roots and settled by watering. Plants will be planted higher than surrounding grade.

Shrubs will be 1" higher and trees will be 3" higher. Remove rope from around tree trunks and lay back burlap from top of all B&B material. Nylon or vinyl rope and/or burlap will be completely removed from all plant material prior to planting.

Transplanting Trees by Tree Machines: Trees shall be moved by machines that provide a minimum of 9" per 1" of tree caliper. Holes are to be dug by the same size machine as the one transporting the plant. The plant material shall be transplanted in approximately the same growing condition as it is presently growing, in terms of soil type and moisture content. Fertilize and gey as described in these plans and specifications.

Cultivation: All trenches and shrub beds shall be cultivated, edged and mulched to a depth of 3" with shredded bark. The area around isolated plants shall be mulched to at least 6" greater diameter than that of the hole. Plant beds adjacent to buildings shall be mulched to the building wall.

Maintenance: The Contractor shall be responsible during the contract and up to the time of acceptance for keeping the planting and work incidental thereto in good condition, by replanting, plant replacement, watering, weeding, cultivating, pruning and spraying, restaking and cleaning up and by performing all other necessary operations of care for promotion of good plant growth so that all work is in satisfactory condition at time of acceptance, at no additional cost to the Owner.

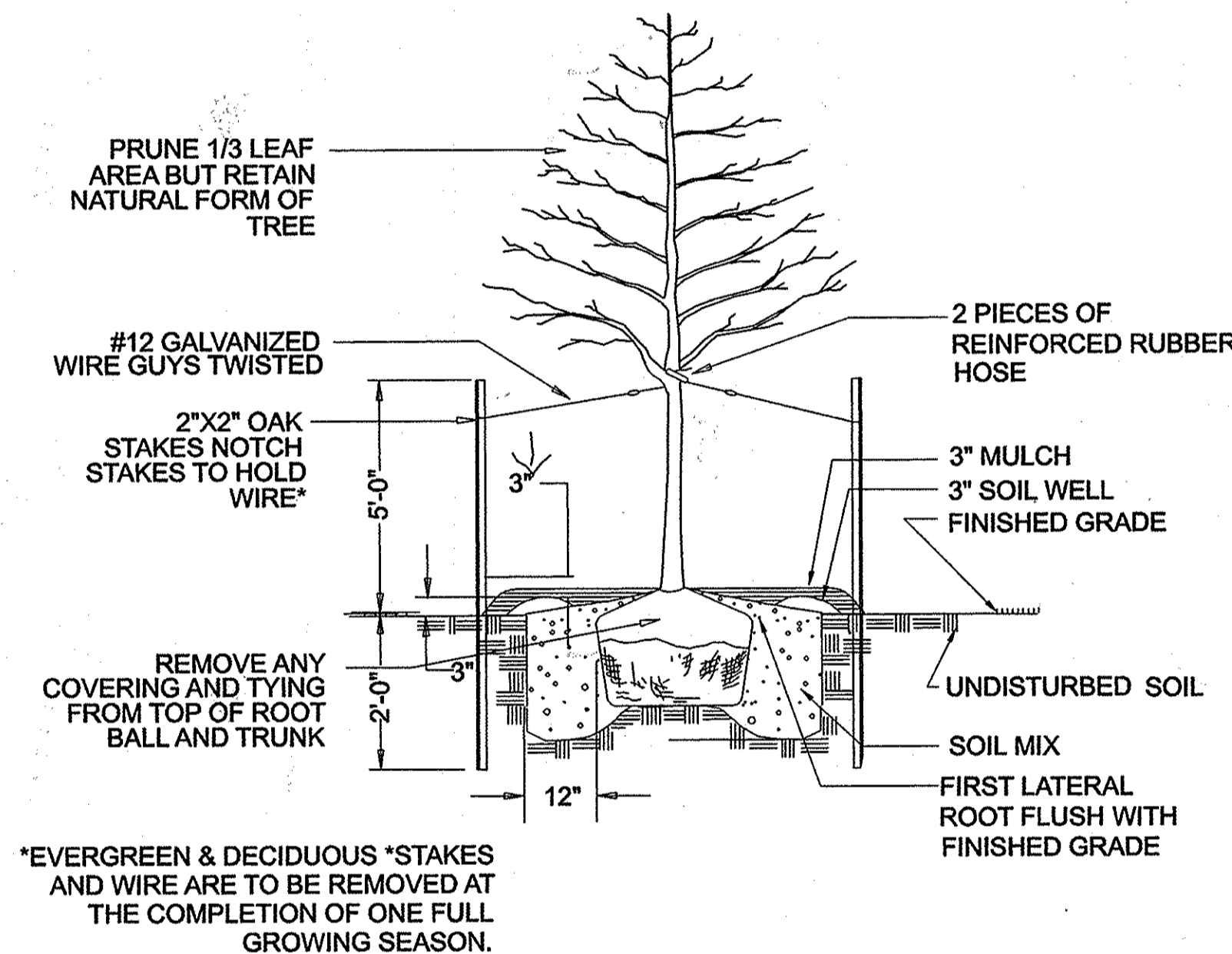
Fertilizer: Fertilizer shall be a slow release type contained in polyethylene perforated bags with micropore holes for controlled feeding, such as Easy Grow as manufactured by Specialty Fertilizer, Inc., Box 355, Suffern, New York 10901, or approved equal. The bags shall contain 1 ounce of soluble fertilizer analysis 16-18-16 per unit to last three (3) years and shall be applied during planting as recommended by the manufacturer. If fertilizer packets are not used, the Contractor shall apply granular fertilizer to the soil mix with 10-6-4 analysis, 50% organic, at the following rates: Trees @ 2-3 lbs. per caliper inch; Shrub Beds @ 3-5 lbs. per 100 sq. ft.; and Groundcover Beds @ 2-3 lbs. per 100 sq. ft.

Groundcover: All areas of groundcover shall be rototilled to a depth of 6". Apply 2" of organic material and rototill until thoroughly mixed. Apply fertilizer as stated above.

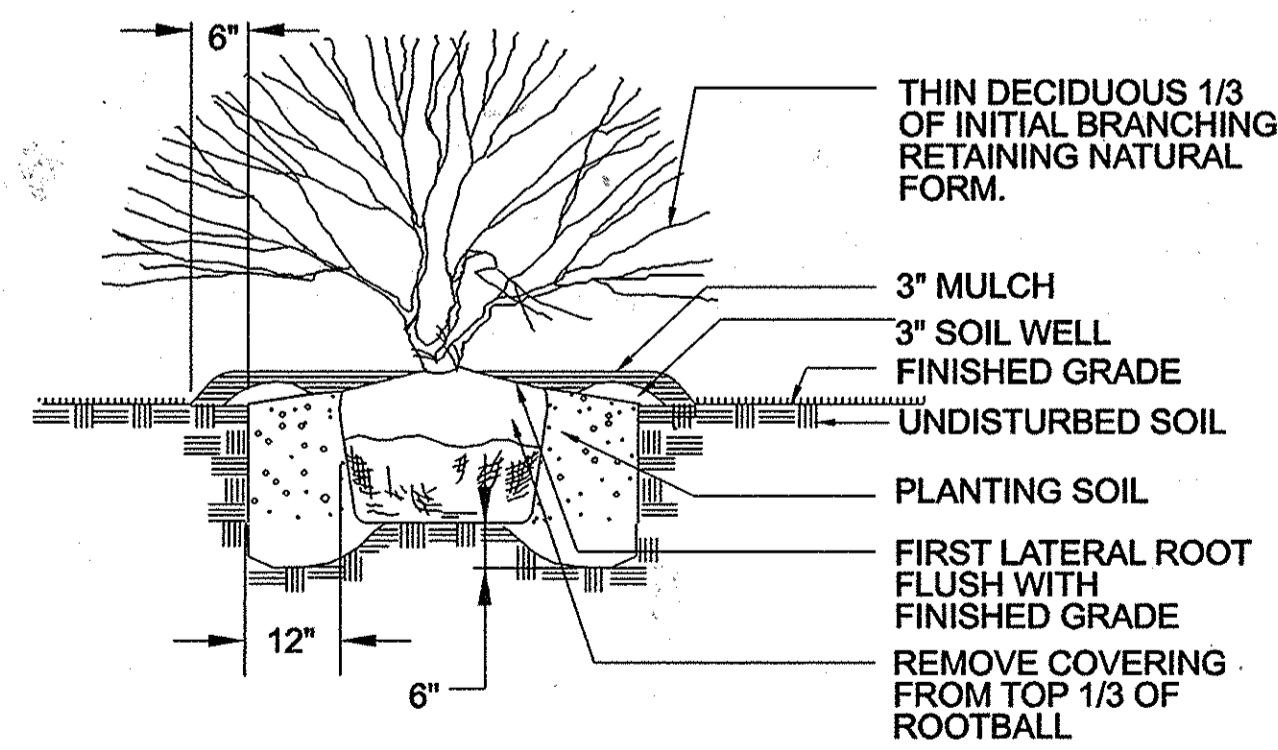
Guarantee and Replacement: All material shall be unconditionally guaranteed for one (1) year. The Contractor is responsible for watering but not for losses or damage caused by mechanical injury or vandalism.

PLANTING NOTES:

- This Plan is for planting purposes only.
- This Plan has been prepared in accordance with the provisions of section 16.124 of the Howard County Code and the Landscape Manual.
- All plant material shall be nursery grown and shall conform to American Association of Nurserymen latest standards. Plant installation must conform to the minimum standards cited in the latest edition of the "LANDSCAPE SPECIFICATION GUIDELINES" by the Landscape Contractor's Association.
- Contractor is to notify Miss Utility a minimum of 72 hours prior to digging. Telephone 1-800-257-7777
- The Landscape Architect is to be notified 48 hours before planting begins. The location of all plant material is to be approved in field by the Landscape Architect.
- No tree or shrub planting pits are to be left open or unattended.
- Shrubs are to be grouped into mulched beds. Beds are to be edged and the grass is to be killed or removed prior to mulching.
- Any existing soil conditions that may pose a threat to the life and health of the plant material must be brought to the attention of the Landscape Architect by the landscape contractor prior to the installation of the plant material.
- Sod is to be: Kentucky blue/tall fescue mix.
- "Install tree protection fencing along the Limits of Disturbance (LOD) of the existing woods. All site grading, planting bed preparation and tree and shrub planting must be done outside of the drip line of existing trees to be preserved in order to maintain and protect the root system.
- "At the time of installment, all shrubs and other plantings herewith listed and approved for this site shall be of the proper height requirements in accordance with the Howard County Landscaping Manual. In addition, no substitutions or relocation of required plantings may be made without prior review and approval from the Department of Planning and Zoning. Any deviation from this approved Landscape Plan may result in denial or delay in the release of the landscape surety until such time as all required materials are planned and/or revisions are made to the applicable plans and certificates."



PLANTING DETAIL FOR TREES* - 1 - 4" CALIPER
NOT TO SCALE



PLANTING DETAIL FOR EVERGREEN AND DECIDUOUS SHRUBS
NOT TO SCALE

NOTE:

THE OWNER, TENANT, AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING, INCLUDING BOTH PLANT MATERIALS AND BERMS, FENCES AND WALLS. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. ALL OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY, REPAIRED OR REPLACED.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division *[Signature]* Date: 7/20/10
 Chief, Division of Land Development *[Signature]* Date: 7/26/10
 Director *[Signature]* Date: 7/26/10

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
D	3438 NORTH CHATHAM ROAD

PERMIT INFORMATION CHART				
SUBDIVISION NAME	PARKER SUBDIVISION	SECTION/AREA	TAX MAP NO.	LOT/PARCEL NO.
11134	4	B-2-TNCR-A-15	24	2nd

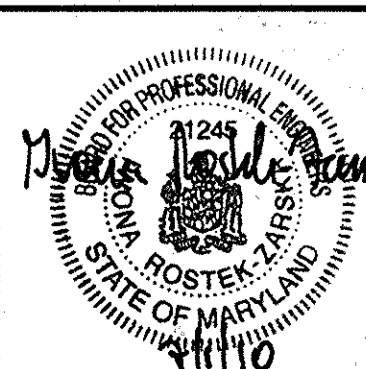
DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM HORIZONTAL -NAD83/91

BLDG

Baltimore Land Design Group Inc.

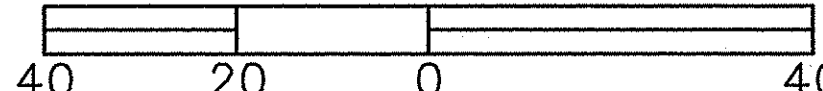
Consulting Engineers

222 SCHILLING CIRCLE SUITE 105 • HUNT VALLEY, MARYLAND 21030
 PHONE: 410.229.9851 • FAX: 410.229.9865 • BLDG@BLDGINC.COM



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OWNER/ DEVELOPER

PARKER FUEL COMPANY

12925 ROUTE 144
 WEST FRIENDSHIP, MD 21794
 ATTN: JASON A. PARKER
 PHONE: 410-465-3890

REVISIONS		
DATE	REVISIONS	ITEM

LANDSCAPE NOTES AND DETAILS
PARKER FUEL COMPANY

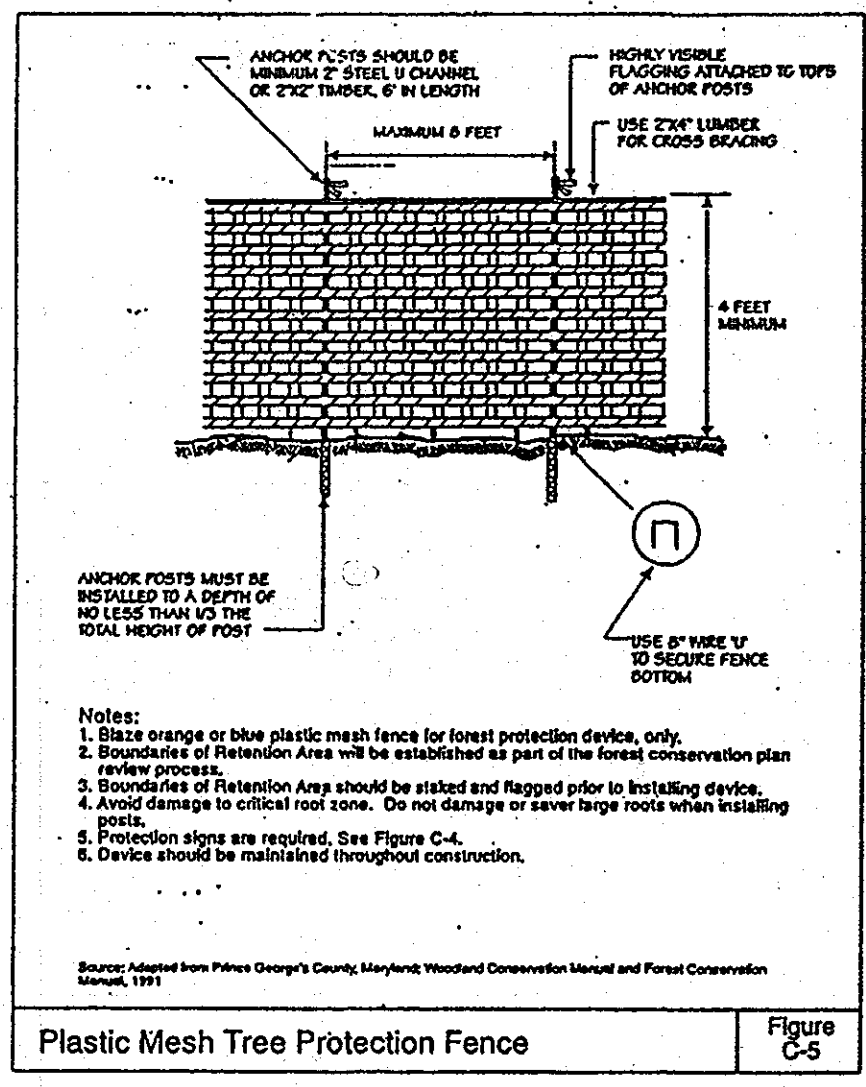
PARCEL 'D'
 RELOCATION OF ABOVE GROUND FUEL TANKS

ELLICOTT CITY
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 20'

**BALTIMORE NATIONAL PIKE (U.S. ROUTE 40)
(INTERMEDIATE ARTERIAL)**

LEGEND

- RIGHT-OF-WAY LINE
- - - BOUNDARY
- ZONING LINE
- EXISTING EDGE OF PAVING
- PROPOSED EDGE OF PAVING
- EXISTING CURB AND GUTTER
- EXISTING OVERHEAD LINE
- EXISTING WATER LINE
- EXISTING SEWER LINE
- EXISTING STORM DRAIN
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED CONTOUR
- EXISTING TREE LINE
- PROPOSED TREELINE
- ▨ PROPOSED PAVING



FOREST CONSERVATION WORKSHEET
Version 1.0

Project: Parker Subdivision Parcel D3.997 Ac. & Parcel C10.299 Ac.
Date: June 10, 2010

NET TRACT AREA		Acres
A. Total tract area		3.44
B. Area within 100 Year Floodplain		0.00
C. Area of site included in R-A-15 zoning on Parcel D		2.19
D. Net Tract Area		1.25

LAND USE CATEGORY: (from table 3.2.1, page 40, Manual)			
ARA	MDR	IDA	HDR MPD X
E. Afforestation Threshold (percentage)	0.15	0.2	
F. Conservation Threshold (percentage)	0.15	0.2	

EXISTING FOREST COVER:		
G. Existing forest cover (excluding floodplain)		0
H. Area of forest above afforestation threshold		0
I. Area of forest above conservation threshold		0

BREAK EVEN POINT:		Break-Even Point
J. Forest retention above threshold with no mitigation		-
K. Clearing permitted without mitigation		-

PROPOSED FOREST CLEARING		
L. Total area of forest to be Cleared or Retained Outside FCE		0.0
M. Total area of forest to be Retained in FCE		0.0

PLANTING REQUIREMENTS		
N. Reforestation for clearing above Conservation Threshold		0
O. Reforestation for clearing below Conservation Threshold		0
P. Credit for retention above conservation threshold		0
Q. Total reforestation required		0
R. Total afforestation required		0.2
T. Total reforestation and afforestation required		0.2

SESD NOTES

- NO FOREST IS PRESENT ON THE B-2 ZONED PORTION OF THE SUBJECT PROPERTY.
- NO WETLANDS, STREAMS OR BUFFERS ARE PRESENT ON THE B-2 ZONED PORTION OF THE SUBJECT PROPERTY.
- NO RARE THREATENED OR ENDANGERED SPECIES OR TYPICALLY APPROPRIATE HABITAT WAS OBSERVED ON THE PROJECT SITE.
- THE R-A-15 PORTION OF THE PROPERTY IS NOT INCLUDED IN THIS SUBMISSION AS NO DEVELOPMENT WILL BE PROPOSED FOR THIS PORTION OF THE SITE AT THIS TIME. FUTURE DEVELOPMENT OF THE R-A-15 PORTION OF THE SITE WILL REQUIRE COMPLIANCE WITH THE COUNTY'S FOREST CONSERVATION ACT AND WILL REQUIRE DETERMINATION/PROTECTION OF WETLANDS/STREAMS LOCATIONS, BUFFERS AND 100 YEAR FLOODPLAIN IN ACCORDANCE WITH STANDARD COUNTY DEVELOPMENT POLICIES.

FCA NOTES

- NO FOREST IS PRESENT ON THE NET TRACT AREA OF THE PROPERTY. THE FOREST CONSERVATION OBLIGATION FOR PARCEL C AND THE B-2 ZONED PORTION OF PARCEL D OF THE PARKER SUBDIVISION HAS BEEN MET BY A FEE-IN-LIEU PAYMENT OF \$8,534.00 MADE TO THE HOWARD COUNTY FOREST CONSERVATION FUND. FOR THE 0.20 AC OF OUTSTANDING AFFORESTATION OBLIGATION (0.20 AC = 8,712 SF x \$0.75 = \$6,534.00).
- THE AFFORESTATION OBLIGATION BEING MET BY THIS PROJECT WILL MEET THE FCA OBLIGATION FOR THE PORTIONS OF PARCEL C AND D THAT ARE CURRENTLY ZONED B-2.
- THE R-A-15 ZONED PORTION OF THE SITE IS NOT INCLUDED IN THE FOREST CONSERVATION CALCULATIONS. FUTURE DEVELOPMENT OF THE R-A-15 PORTION OF THE SITE WILL REQUIRE COMPLIANCE WITH THE COUNTY'S FOREST CONSERVATION ACT AND WILL REQUIRE DETERMINATION/PROTECTION OF WETLANDS/STREAMS LOCATIONS, BUFFERS AND 100 YEAR FLOODPLAIN IN ACCORDANCE WITH STANDARD COUNTY DEVELOPMENT POLICIES.
- TEMPORARY PROTECTIVE FENCING SHALL BE INSTALLED ALONG THE LIMIT OF DISTURBANCE THAT BORDERS VEGETATED PORTIONS OF THE PROPERTY.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division: *[Signature]* Date: 7/20/10
 Chief, Division of Land Development: *[Signature]* Date: 7/20/10
 Director: *[Signature]* Date: 7/20/10

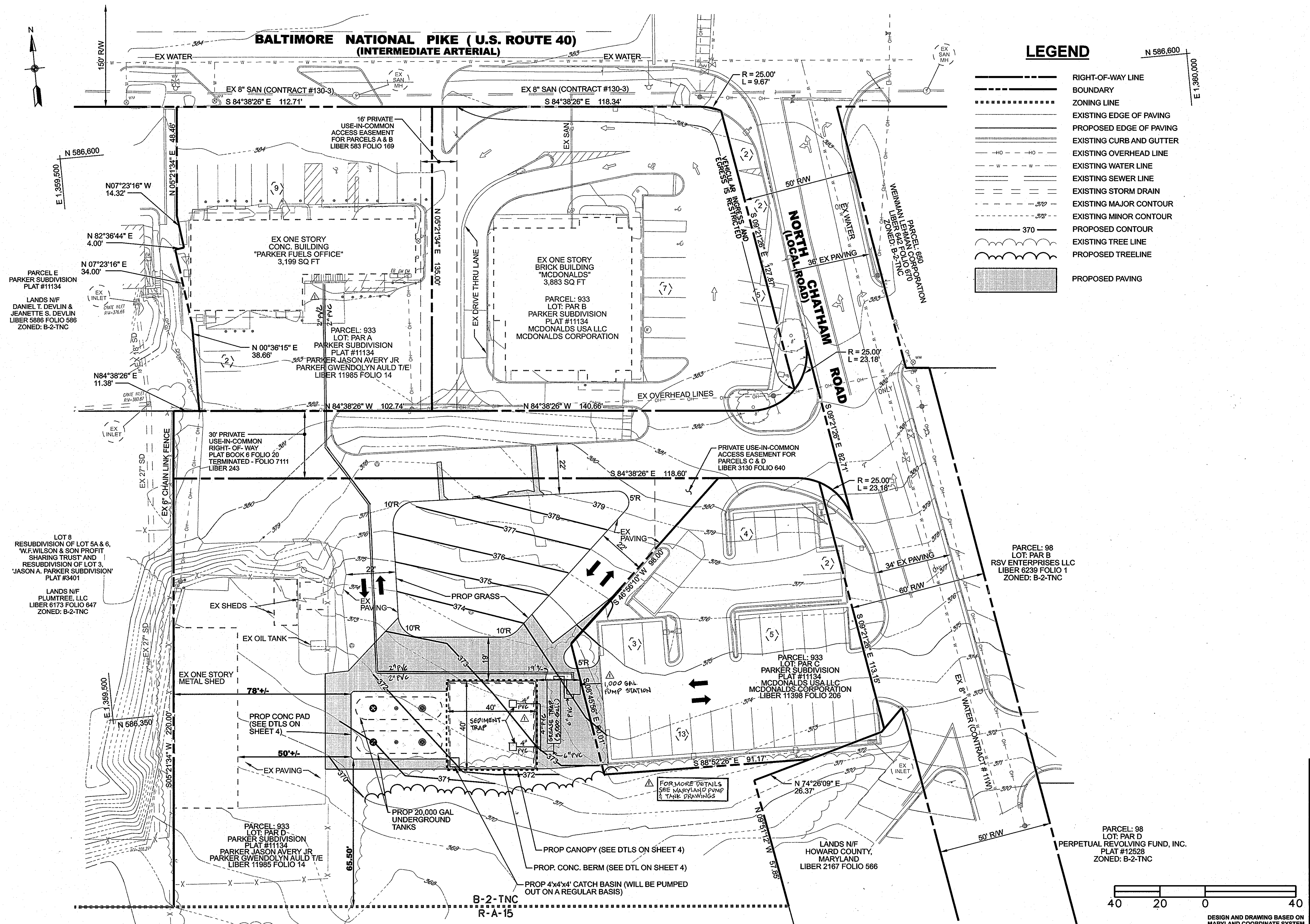
ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
D	3430 NORTH CHATHAM ROAD

PERMIT INFORMATION CHART				
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.	PLAY NUMBER	DATE
PARKER SUBDIVISION	N/A	D	4	11/13/10

**SIMPLIFIED FOREST STAND DELINEATION & FOREST CONSERVATION PLAN
PARKER FUEL COMPANY**
PARCEL 'D'
RELOCATION OF ABOVE GROUND FUEL TANKS

ELLICOTT CITY
HOWARD COUNTY, MARYLAND
SCALE: 1" = 20'

SHEET 10 OF 10
SDP-10-064



BLDG
Baltimore Land Design Group Inc.
Consulting Engineers
222 SCHILLING CIRCLE SUITE 105 • HUNT VALLEY, MARYLAND 21030
PHONE: 410.229.9851 • FAX: 410.229.9865 • BLDG@BLDGINC.COM

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21245, EXPIRATION DATE: JUNE 9, 2012.

OWNER/ DEVELOPER
PARKER FUEL COMPANY
12925 ROUTE 144
WEST FRIENDSHIP, MD 21794
ATTN: JASON A. PARKER
PHONE: 410-465-3800

REVISIONS	
DATE	ITEM
03/20/13	REV. #1 - ADDITION OF A 5,000 GAL. GREASE TRAP AND A 1,000 GAL. PUMP STATION WITH ASSOCIATED PIPING

DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM HORIZONTAL - NAD83/91