

SOILS TABLE

SYMBOL	RATING	NAME	K FACTOR	SOIL MAP #
C&B	(B)	CHILLUM LOAM, 2-5% SLOPES	37	19

INDEX OF DRAWINGS

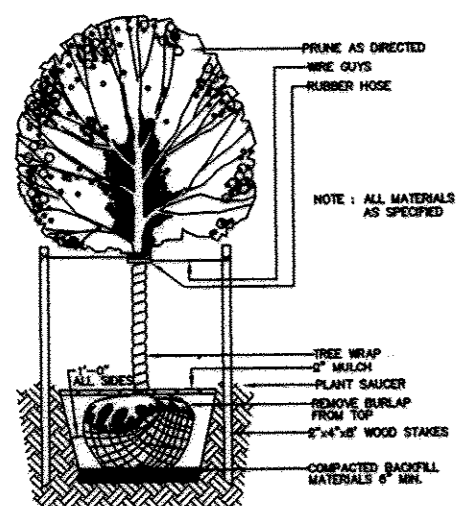
NO.	DESCRIPTION
1	SITE DEVELOPMENT PLAN
2	SEDIMENT CONTROL NOTES AND DETAILS

ADDRESS CHART

LOT	ADDRESS
1	8407 HORSESHOE ROAD

SWM PRACTICES SCHEDULE

LOT #	PROPOSED PRACTICES	REQUIRED ESD _v	PROVIDED ESD _v
LOT 1	M-5, DRY WELL	246.7 CF	299.6 CF



LEGEND

- OHE - EX. OVERHEAD POWER LINE
- SPECIMEN TREE
- M-5 - M-5, MOD. DRY WELL (SC-740 STORMTECH CHAMBER)
- LOD - LIMIT OF DISTURBANCE
- SSF - SUPER SILT FENCE
- SF - SILT FENCE
- PROPOSED DRIVEWAY
- SCE - STABILIZED CONSTRUCTION ENTRANCE

DEVELOPERS CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

Signature: *Robert L. Dorsey Jr.* DATE: 5/25/2017
PRINTED NAME OF DEVELOPER: ROBERT L. DORSEY JR.

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT 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.

Signature: *R. Jacob Hikmat P.E.* DATE: 5/23/17
PRINTED NAME OF ENGINEER: R. JACOB HIKMAT P.E.

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Signature: *Howard Soil Conservation District* DATE: 6/1/17

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Signature: *Chief Development Engineering Division* DATE: 6-8-17
Signature: *Chief Division of Land Development* DATE: 6-13-17
Signature: *Director* DATE: 6-14-17

DEVELOPER'S/OWNER'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: *Robert L. Dorsey Jr.* DATE: 5-25-2017
OWNER

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, LICENSE NO. 17942, EXP. DATE 09/03/18.

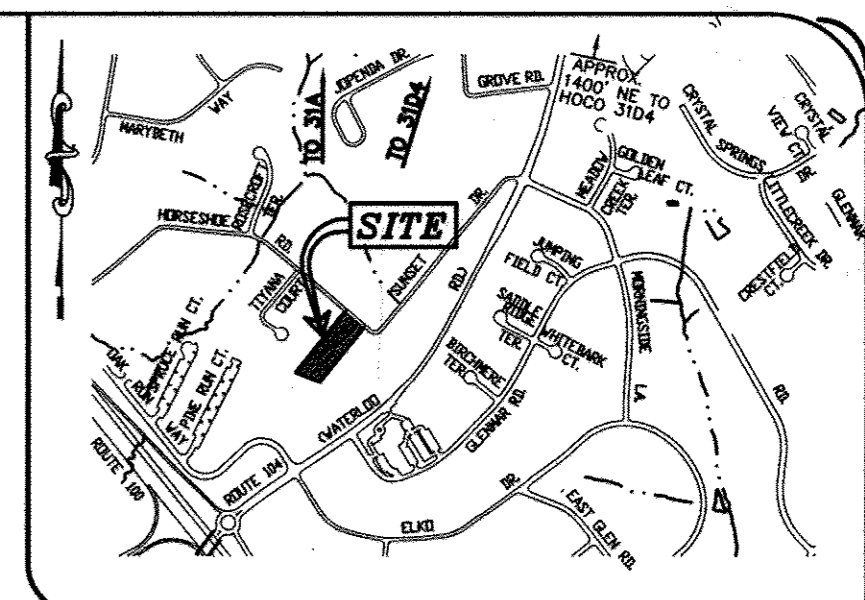
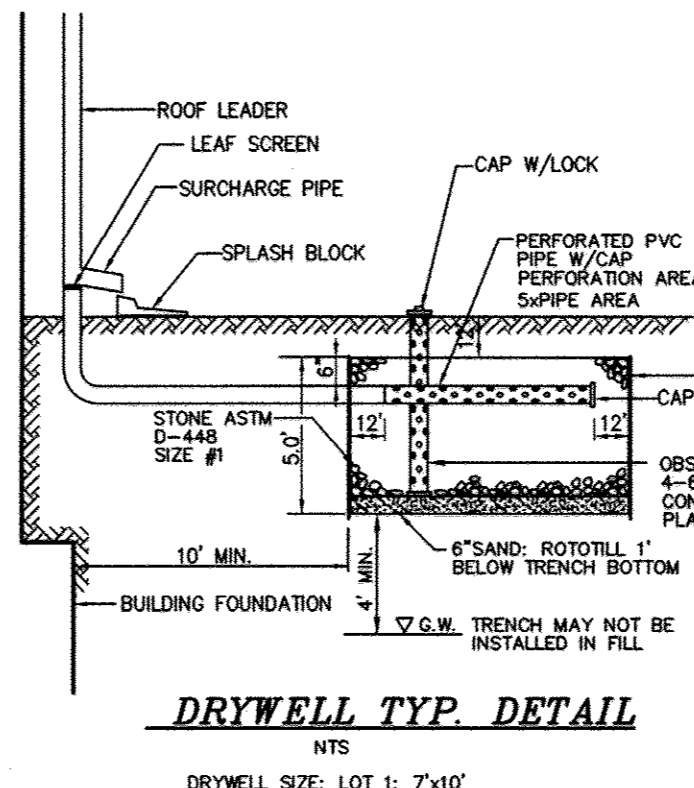
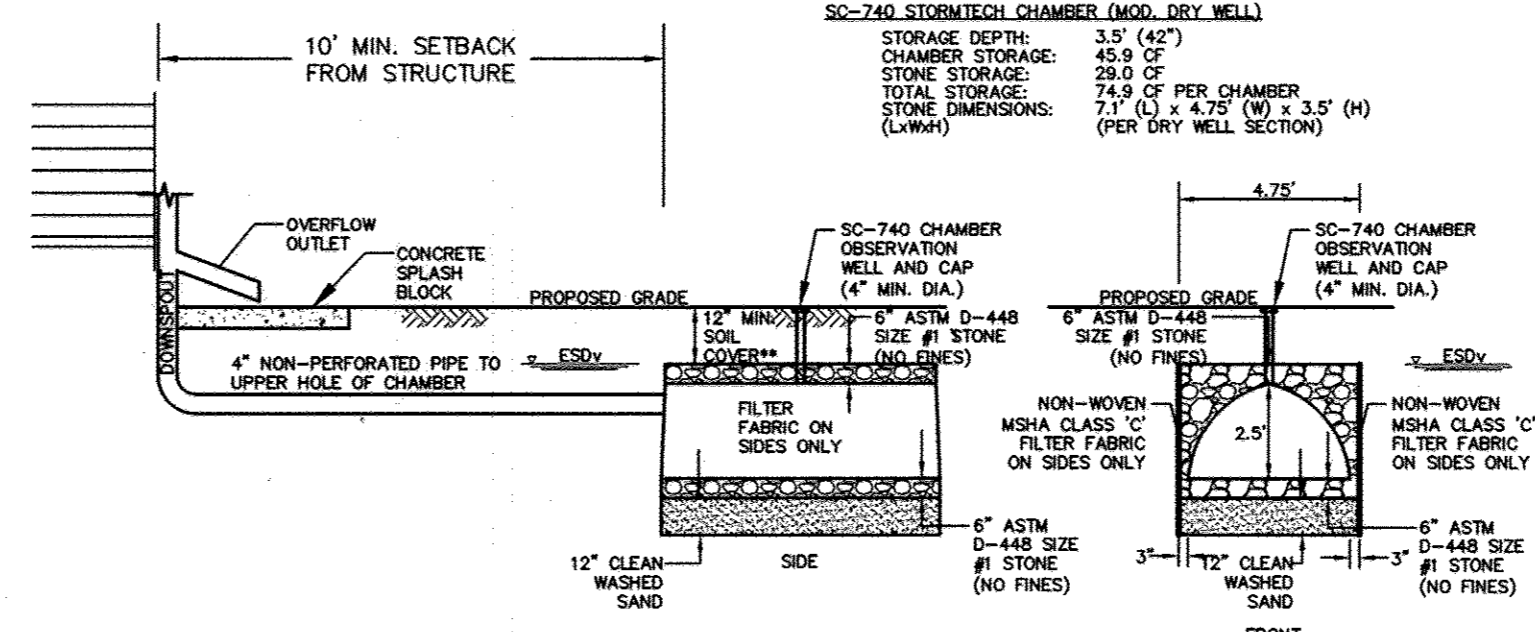
Signature: *R. Jacob Hikmat P.E.* DATE: 5/23/17
R. JACOB HIKMAT P.E.

PERMIT INFORMATION CHART

SUBDIVISION NAME: ACRA PROPERTY		SECTION/AREA: N/A	PARCEL: 181
PLAT NO. 24099	BLOCK(S) 2	ZONING R-20	TAX MAP NO. 31
ELECTION DISTRICT SECOND		CENSUS TRACT 606806	

STORMWATER MANAGEMENT PRACTICES

LOT #	ADDRESS	DRY WELLS M-5 (NUMBER)
1	8407 HORSESHOE ROAD	2



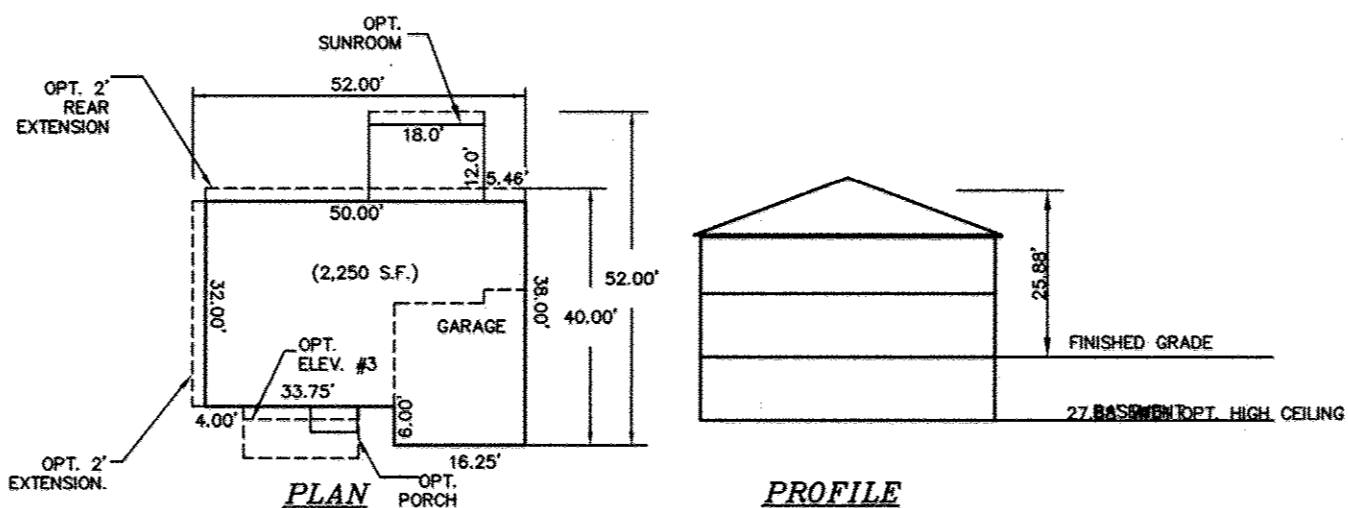
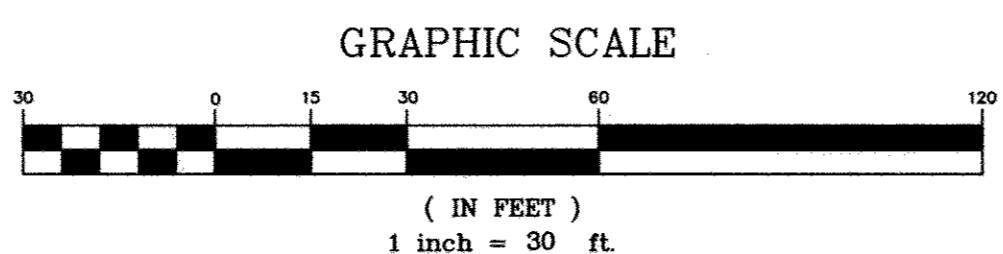
- GENERAL NOTES:**
- SUBJECT PROPERTY ZONED "R-20" PER THE OCTOBER 6, 2013 COMPREHENSIVE ZONING PLAN.
 - ALL ASPECTS OF THE PROJECT ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS.
 - SITE ANALYSIS DATA:**
ADDRESS: 8407 HORSESHOE ROAD, ELICOTT CITY, MD 21043
LOCATION: TAX MAP: 31 PARCEL: 181 GRID: 2
ELECTION DISTRICT: SECOND
ZONING: R-20
TOTAL AREA: 0.46 AC.±
AREA OF ROAD DEDICATION: 0.00 AC.±
LIMIT OF DISTURBED AREA: 0.16 AC.±
PROPOSED USE FOR SITE: RESIDENTIAL
TOTAL NUMBER OF UNITS: 1
TYPE OF PROPOSED UNIT: SFD
NUMBER OF PARKING SPACES REQUIRED: 2.5 SPACES
NUMBER OF PARKING SPACES PROVIDED: 4 SPACES (2 IN GARAGE+ 2 DRIVEWAY)
COUNTY FILE NUMBERS: ECP-14-002, F-14-074, ECP-17-025, F-17-026
 - ON-SITE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY CONDUCTED BY MILDENBERG, BOENDER & ASSOCIATES ON OR ABOUT JULY 2013.
 - HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 31A3 AND 31D4.
STA. 31A3 N567750.955, E1364842.701 EL.499.821
STA. 31D4 N571700.651, E1369606.396 EL.495.181
 - IN ACCORDANCE WITH SECTION 128.0 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOW CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACK, PORCHES OR DECKS, OPEN OR ENCLOSED, MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACK.
 - STEEP SLOPES GREATER THAN 25% AND OVER 20,000 SQ. FT. IN AREA DO NOT EXIST ON SITE.
 - DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
A) WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE).
B) SURFACE - 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2").
C) GEOMETRY - MAX. 15% GRADE, MAX. 10% GRADE CHANGE AND MIN. OF 45 FOOT TURNING RADIUS.
D) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING).
E) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD PLAN WITH NO MORE THAN 1 FOOT OF DEPTH OVER DRIVEWAY SURFACE.
F) STRUCTURE CLEARANCES - MINIMUM 12 INCHES
G) MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.
 - FOREST CONSERVATION OBLIGATIONS IN ACCORDANCE WITH SECTION 16.120 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT FOR THIS PROJECT UNDER F-17-026.
 - 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.
 - STORMWATER MANAGEMENT IS PROVIDED VIA DRYWELLS (M-5) IN ACCORDANCE WITH THE 2007 MDE STORMWATER DESIGN MANUAL. SWM WILL BE PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNER.
 - NO WETLANDS, STREAMS, OR THEIR BUFFERS, FLOODPLAIN, STEEP SLOPES GREATER THAN 25% OR FOREST EXIST ON SITE AS CERTIFIED BY MILDENBERG, BOENDER & ASSOCIATES IN WETLAND CERTIFICATION LETTER DATED JULY 2013. A TOTAL OF THREE (3) SPECIMEN TREES EXIST ON LOT 1 WHICH ARE TO REMAIN.
 - THIS SUBDIVISION IS IN THE METROPOLITAN DISTRICT. WATER AND SEWER ARE PUBLIC (CONTRACT # 64-W AND 302-S)
 - THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST 48 HOURS PRIOR TO EXCAVATION WORK BEING DONE.
MISS UTILITY: 800-257-7777
VERIZON TELEPHONE COMPANY: (410) 725-9976
HOWARD COUNTY BUREAU OF UTILITIES: (410) 313-4900
AT&T CABLE LOCATION DIVISION: (410) 393-3533
BALTIMORE GAS AND ELECTRIC: (410) 685-0123
STATE HIGHWAY ADMINISTRATION: (410) 531-5533
 - ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
 - THIS SDP IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL NO. 45-2003.
 - EXISTING UTILITIES ARE BASED ON ACTUAL FIELD LOCATIONS, IN COMBINATION WITH EXISTING WATER AND SEWER CONTRACTS.
 - THIS PLAN HAS BEEN PROVIDED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED PERIMETER LANDSCAPING (3 SHADE TREES) IN THE AMOUNT OF \$900.00 SHALL BE POSTED WITH THE GRADING PERMIT APPLICATION.
 - EXISTING HOUSE CIRCA 1955 IS TO BE REMOVED.
 - FEE-IN-LIEU FOR FRONTAGE IMPROVEMENTS WAS PAID WITH F-17-026.
 - THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1800 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.

SCHEDULE A : PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO PERIMETER PROPERTIES		TOTAL
	A (PERIMETER 1)	(PERIMETER 2)	
LANDSCAPE TYPE			
LINEAR FEET OF PERIMETER	166.53 LF	126.33 LF	
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	N/A	N/A	
NUMBER OF PLANTS REQUIRED			
SHADE TREES	3 SHADE TREES	0 SHADE TREES	3 SHADE TREES
EVERGREEN TREES	0 EVERGREEN TREES	0 EVERGREEN TREES	0 EVERGREEN TREES
SHRUBS	0 SHRUBS	0 SHRUBS	0 SHRUBS
NUMBER OF PLANTS PROVIDED			
SHADE TREES	3 SHADE TREES	0 SHADE TREES	3 SHADE TREES
EVERGREEN TREES	0 EVERGREEN TREES	0 EVERGREEN TREES	0 EVERGREEN TREES
OTHER TREES (2:1 SUBSTITUTION)	0 SUBSTITUTION TREES	0 SUBSTITUTION TREES	0 SUBSTITUTION TREES
SHRUBS (10:1 SUBSTITUTION)	0 SHRUBS	0 SHRUBS	0 SHRUBS

PERIMETER LANDSCAPE REQUIREMENT PLANTING SCHEDULE

QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
3		PRUNUS SARGENTII	SARGENT CHERRY	2 1/2" - 3" CAL.
TOTAL				
3				3 SHADE TREES



OWNER/DEVELOPER
DORSEY FAMILY HOMES, INC.
10717 BIRMINGHAM WAY
WOODSTOCK, MARYLAND 21163
(410)465-5739

Project: 13-015
Date: MAY 2017
Illustration: MMT
Scale: 1"=30'
Approval: RJH

Rev. House: P/W, Rev. LOD, GRP, description, revisions
1. Rev. House: P/W, Rev. LOD, GRP, description, revisions
2. LOD, GRP, description, revisions

ACRA PROPERTY LOT 1
2ND ELECTION DISTRICT, TAX MAP 31, PARCEL 181, HOWARD COUNTY, MD
SITE DEVELOPMENT PLAN

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
7850-B Grace Drive, Columbia, Maryland 21044
(410) 997-0296 Tel. (410) 997-0299 Fax.

