HOWARD COUNTY PARKING DAY RESOURCE CENTER ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY STANDARDS AND N 535985.0412 E 1365653.4555 ELEV. 234.996 SPECIFICATIONS. ALL WORK AND MATERIALS SHALL COMPLY WITH O.S.H.A. STANDARDS. EXISTING UTILITIES LOCATED FROM ROAD CONSTRUCTION PLANS, FIELD SURVEYS, PUBLIC WATER AND AND SEWER EXTENSION PLANS AND AVAILABLE RECORD DRAWINGS. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTORS HOWARD COUNTY BENCHMARK - 48AB (CONC. MONUMENT) INFORMATION, CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL N 538384.4474 E 1366415.7904 ELEV. 225.653 NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE, ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE. THE EXISTING TOPOGRAPHY SHOWN HEREON IS BASED ON FIELD RUN TOPOGRAPHICAL SURVEY PROVIDED BY ROBERT H. VOGEL, ENGINEERING, INC. DATED JULY 2007, UPDATED OCTOBER 2014. **VOLUNTEERS OF AMERICA - HOWARD COUNTY HOUSING COMMISSION** COORDINATES AND ELEVATIONS ARE BASED ON MARYLAND COORDINATE SYSTEM - NAD83(1991) AS PROJECTED BY HOWARD COUNTY . THE PROPERTY LINES SHOWN HEREON IS BASED ON A FIELD-RUN BOUNDARY SURVEY PERFORMED BY ROBERT H. VOGEL ENGINFFRING THE GEOTECHNICAL ENGINEER TO CONFIRM PAVING SECTION PRIOR TO CONSTRUCTION, ALL PAVING TO BE PAVING PER GEOTECHNICAL ENVIRONMENTAL CONCEPT PLAN THE SUBJECT PROPERTY IS ZONED CE-CLI-CR IN ACCORDANCE WITH THE 10/06/13 COMPREHENSIVE ZONING PLAN . ALL ELEVATIONS ARE TO FLOWLINE/BOTTOM OF CURB UNLESS OTHERWISE NOTED. 0. PUBLIC WATER AVAILABLE THROUGH CONTRACT 652—W. PUBLIC SEWER AVAILABLE THROUGH CONTRACT 24—3533—D. THERE ARE NO WETLANDS, STREAMS, FLOODPLAINS, BURIAL GROUNDS, CEMETERIES, OR HISTORIC STRUCTURES LOCATED ON THIS REGULATIONS. 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 . THIS SITE IS NOT LOCATED IN A HISTORIC DISTRICT. 4. ENVIRONMENTAL ANALYSIS PREPARED BY ECO-SCIENCE PROFESSIONALS, INC.; DATED 02/26/15. 5. NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE REQUIRED WETLANDS, STREAM(S) OR THEIR BUFFERS, FOREST CONSERVATION AREAS AND 100 YEAR FLOODPLAIN. 5. THERE ARE NO SPECIMEN TREES LOCATED ON THE SUBJECT PROPERTY. 7. NO RARE, THREATENED OR ENDANGERED SPECIES WERE OBSERVED ON THE PROPERTY VICINITY MAP 3. ANY EXISTING STREET TREES DAMAGED OR DESTROYED DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR. SCALE: 1"=2000' RETENTION OF 1.98 ACRES WHICH MEETS OR EXCEEDS THE BREAK-EVEN POINT OBLIGATION OF 0.99 ACRES FOR THIS SITE. PLAT 23546 (F-15-015) ABANDONED 0.61 ACRES OF THE EXISTING FOREST CONSERVATION RETENTION EASEMENT, OF WHICH 0.24 ACRES ADC MAP COORDINATE: 20/E6 IS BEING RETAINED WITHIN A FOREST CONSERVATION EASEMENT ON THE DAY RESOURCE CENTER SUBDIVISION, PARCEL A (PLAT 23547; F-14-130). THE REMAINING 0.37 ACRES IS SATISFIED BY RETENTION OF 0.74 ACRES (2:1) IN THE FOREST BANK ESTABLISHED INCONJUNCTION WITH THE GLENS OF GUILFORD (F-09-112). THE RETENTION EASEMENT IS PROVIDED ON TAX MAP 42, PARCEL 136, LOTS 8 & 9 (PLAT 21417) . ALL SIGN POSTS USED FOR TRAFFIC CONTROL SIGNS INSTALLED IN THE COUNTY RIGHT-OF-WAY SHALL BE MOUNTED ON A 2" GALVANIZED STEEL, PERFORATED, SQUARE TUBE POST (14 GAUGE) INSERTED INTO A 2-1/2" GALVANIZED STEEL, PERFORATED, SITE DATA SQUARE TUBE SLEEVE (12 GAUGE) - 3' LONG. A GALVANIZED STEEL POLE CAP SHALL BE MOUNTED ON TOP OF EACH POST. . ALL EXTERIOR LIGHTING TO COMPLY WITH THE REQUIREMENTS FOUND IN ZONING SECTION 134 OF THE HOWARD COUNTY ZONING LOCATION: LAUREL, MD.; TAX MAP 48, BLOCK 7, PARCEL 95, PARCEL B-2 . STREET LIGHT PLACEMENT AND THE TYPE OF FIXTURE AND POLE SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN 6TH ELECTION DISTRICT MANUAL, VOLUME III (2006), SECTION 5.5.A. A MINIMUM OF 20' SHALL BE MAINTAINED BETWEEN ANY STREET LIGHT AND ANY TREE. PRESENT ZONING : CE-CLI-CR STORMWATER MANAGEMENT FOR THIS PROJECT IS BEING PROVIDED BY ENVIRONMENTAL SITE DESIGN UTILIZING A GRAVEL INFILTRATION SITE AREA: 0.61 AC. TRENCH (M-5) TO ACCOMMODATE THE TOTAL ESD VOLUME REQUIRED. THE SWM FACILITY TO BE PRIVATELY OWNED AND MAINTAINED. DPZ REFERENCES: BA-95-38E, F-83-41, SDP-96-098 & ZB-963R, F-15-015 (PLAT 23546), F-14-130 (PLAT 23547), PLAT 5342, PLAT 21417, F-09-112 APPROVAL OF THIS ECP DOES NOT CONSTITUTE AN APPROVAL OF ANY SUBSEQUENT AND ASSOCIATED SUBDIVISION PLAN/PLAT AND/OR SITE DEVELOPMENT PLAN AND/OR RED-LINE REVISION PLAN. REVIEW OF THIS PROJECT FOR COMPLIANCE WITH HOWARD COUNTY USE OF STRUCTURES: N/A (NO STRUCTURES PROPOSED) SUBDIVISION AND LAND DEVELOPMENT REGULATIONS SHALL OCCUR AT THE SUBDIVISION PLAN/PLAT AND/OR SITE DEVELOPMENT PLAN TOTAL BUILDING COVERAGE: 0 SF (0 AC. OR 0% OF GROSS AREA) STAGES AND/OR RED-LINE REVISION PROCESS. THE APPLICANT AND CONSULTANT SHOULD EXPECT ADDITIONAL AND MORE DETAILED PAVED PARKING LOT/AREA ON SITE: 22,512 SF (0.52 AC. OR 85.2% OF GROSS AREA) REVIEW COMMENTS (INCLUDING COMMENTS THAT MAY ALTER THE OVERALL SITE DESIGN) AS THIS PROJECT PROGRESSES THROUGH THE AREA OF LANDSCAPE ISLAND: 1,931 SF (0.04 AC. OR 6.6% OF GROSS AREA) LIMIT OF DISTURBED AREA (ON-SITE; NOT INCLUDING GUILFORD RD IMPROVEMENTS): 0.81 AC WETLANDS ON SITE: 0.00 AC. THE SALVATION ARMY WETLAND BUFFERS ON SITE: 0.00 AC. C/O MAJOR WILLIAM MADISON STREAMS AND THEIR BUFFERS ON SITE: 0.00 AC. AREA OF ON-SITE 100 YEAR FLOODPLAIN: 0.00 AC. -AVATÍ HÁSLÚP PROPERTY AREA OF EXISTING FOREST ON SITE: 0.61 AC. TAX MAP: 48 PARCEL: 95 AREA OF STEEP SLOPES (15% OR GREATER): 0.00 AC PARCEL B-1 AREA OF ERODIBLE SOILS: 0.66 AC. (WITHIN LOD) **ENVIRONMENTAL SITE DESIGN NARRATIVE** AREA MANAGED BY ESDV (*THIS PLAN): 0.50 AC. PLAT 23546 *IMPERVIOUS AREA: 0.42 AC. 1. THE PROPERTY IS CURRENTLY VACANT AND PREDOMINATELY WOODED. THE SUBJECT USE:EXEMPT COMMERCIA *GREEN AREA: 0.08 AC. PROPERTY DOES NOT CONTAIN WETLANDS, STREAMS OR FLOODPLAIN. THE TOPOGRAPHY DOES NOT RESULT IN ANY STEEP SLOPES. THIS SITE CONSISTS OF URBAN LAND SOILS ZONED: CE-CLI AND ALLOWAY SILT LOAM CLASSIFIED AS HYDROLOGIC SOIL GROUP 'D', AND A SMALL AREA OF SASSAFRASS LOAM SOILS CLASSIBIFIED AS HYDROLOGIC SOIL GROUB 'B'. THERE ARE NO NATURAL RESOURCES THAT WILL REQUIRE PROTECTION. 2. THE SITE NATURALLY SLOPES FROM NORTHWEST TO SOUTHEAST. THE SITE HAS BEEN DESIGNED TO MAINTAIN THESE NATURAL FLOW PATTERNS. 3. THE CONCEPTUAL REDUCTION IN IMPERVIOUS AREA THROUGH BETTER SITE DESIGNAS S-54'28'30" W 347.23' ACHIEVED THROUGH THE ENVIRONMENTAL SITE DESIGN (ESD) FOR THE PROJECT TO THE MAXIMUM EXTENT PRACTICABLE (MEP). THE ESDV CALCULATION HAS BEEN BROKEN INTO TWO SEPARATE AREAS (ON—SITE AND GUILFORD ROAD IMPROVEMENTS). THE SWM REQUIREMENT FOR THE GUILFORD ROAD IMPROVEMENTS SHALL BE SATISFIED BY A PAYMENT OF FEE—IN—LIEU AS THE CAPITAL PROJECT FOR THE GUILFORD ROAD IMPROVEMENTS WILL BE PROVIDING STORMWATER MANAGEMENT FOR THIS DRAINAGE AREA. THE ON—SITE ESD CONCEPT PROPOSES THE USE OF MICRO—BIORETENTION FACILITIES (M—6) TO SATISFY THE ESDV REQUIREMENT. THESE FACILITIES WILL DISCHARGE TO THE STORM DRAIN SYSTEM WHICH ULTIMATELY OUTFALLS TO THE STREAM SOUTHEAST OF THE SITE. THE PROPOSED ESD PRACTICES SHALL BE PRIVATELY OWNED AND MAINTAINED. SHEET INDEX DESCRIPTION SHEET NO. OVER SHEET AND ESDV PLAN 1 OF 2 OF 2 SWM DRAINAGE AREA MAP, SWM DETAILS 4. SEDIMENT CONTROL FOR THIS SPECIFIC SITE PLAN WILL BE PROVIDED THROUGH THE USE OF PERIMETER CONTROLS (SILT FENCE, AND SUPER SILT FENCE, EARTH DIKES AND SWALES) AND INLET PROTECTION. SEDIMENT CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT REQUIREMENTS AND SHALL BE APPROVED BY THE HOWARD SOIL 5. AS STATED IN #3 ABOVE, STORMWATER MANAGEMENT FOR THE PROJECT SHALL BE MET THROUGH THE USE OF MICRO-BIORETENTION FACILITIES (M-6). 6. NO WAIVERS ARE ANTICIPATED TO FULFILL THIS CONCEPT. HOWARD COUNTY, MD ... DEPARTMENT OF PUBLIC WORKS **LEGEND** HOWARD COUNTY MARYLAND TAX MAP: 47 PARCEL: 59 PLAT 23547 C/O MAJOR WILLIAM MADISON PROPOSED CONTOUR AVATI MASLUP PROPERTY TAX MAP: 48 PARCEL 95 PROPOSED CURB AND GUTTER PROPOSED TREELINE PARCEL/B-3/ OWNER **DEVELOPER** PLAT 23547 EXISTING UTILITY POLE HOWARD COUNTY, MD HOWARD COUNTY 次 M O USE: EXEMPT COMMERCIAL DEPARTMENT OF PUBLIC WORKS HOUSING COMMISSION EXISTING LIGHT POLE ZONED: CE/CLI 3430 COURT HOUSE DR. 6751 COLUMBIA GATEWAY DR., 3RD FLOOR EXISTING MAILBOX ELLICOTT CITY, MD 21043 COLUMBIA, MD 21046 (410) 313-4401 (410) 313-6320 EXISTING SANITARY MANHOLI EX. SWM POND EX. SWM POND EXISTING SANITARY LIN AT CURB INLET PROTECTION EXISTING CLEANOUT STABILIZED CONSTRUCTION ENVIRONMENTAL CONCEPT PLAN EX. PAVED PARKING COVER SHEET AND ESDV PLAN EXISTING WETLAND HOWARD COUNTY PARKING DAY REASOURCE CENTER VOLUNTEERS OF AMERICA & HOWARD COUNTY HOUSING COMMISSION L 16570/F, 66, PLAT 23546 PARCEL 95, PARCEL PROPOSED SPOT ELEVATION PARCEL 95, PARCEL B-2 HOWARD COUNTY, MARYLAND ZONED: CE-CLI-CR ROBERT H. VOGEL Engineering, Inc. ENGINEERS • SURVEYORS • PLANNERS 8407 MAIN STREET TEL: 410.461.7666 ELLICOTT CITY, MD 21043 FAX: 410.461.8961 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING Chil Childer Chief, Development Engineering Division was CHECKED BY: SCALE: AS SHOWN CHIEF, DIVISION OF LAND DEVELOPMENT W.O. NO.: 06-72.01 SHEET __OF ___

