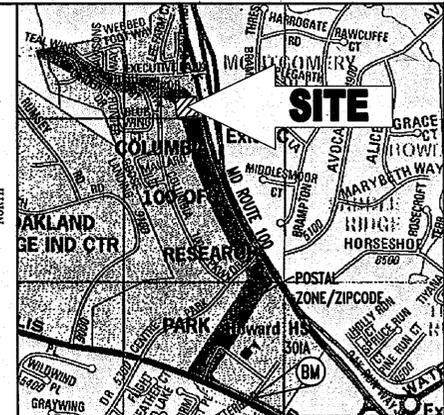


COLUMBIA 100 OFFICE RESEARCH PARK, PARCEL P-2: PROVIDENT BANK SITE DEVELOPMENT PLANS

OVERTON & ASSOCIATES

SECTION 1, AREA 2

TAX MAP 30, GRID 12, PARCEL 406 COLUMBIA, HOWARD COUNTY, MARYLAND



LOCATION MAP
COPYRIGHT ADC THE MAP PEOPLE
PERMIT USE NO. 20602153-5
SCALE: 1"=1000'

COUNTY CONTROL INFORMATION

STATION 30FA
HOWARD COUNTY ALUMINUM DISK SET ON A CONCRETE MONUMENT ON THE
SOUTHEAST CORNER OF MD ROUTE 108 AND SUMMER HOLLOW LANE.
ELEV. = 440.959

STATION 30IA
HOWARD COUNTY ALUMINUM DISK SET ON A CONCRETE MONUMENT ON THE
NORTHWEST CORNER OF MD ROUTE 108 AND THE EXIT FROM HOWARD HIGH
SCHOOL.
ELEV. = 499.153

LEGEND

FOR ENTIRE PLAN SET
(NOT TO SCALE)

EXISTING

EXISTING NOTE

ONSITE PROPERTY LINE / R.O.W. LINE
NEIGHBORING PROPERTY LINE / INTERIOR PARCEL LINE
EASEMENT LINE
SETBACK LINE

CONCRETE CURB & GUTTER
SPILL CURB TRANSITION CURB
DEPRESSED CURB AND GUTTER

TYPICAL LIGHT
TYPICAL DOUBLE LIGHT
TYPICAL SIGN
PARKING COUNTS
CONTOUR LINE
SPOT ELEVATIONS

STORM LABEL
SANITARY SEWER LATERAL
UNDERGROUND WATER LINE
UNDERGROUND ELECTRIC LINE
UNDERGROUND GAS LINE
UNDERGROUND TELEPHONE LINE

STORM SEWER
HYDRANT
SANITARY MANHOLE
STORM MANHOLE
WATER METER
WATER VALVE
GAS VALVE
CURB INLET
CLEAN OUT
TEST PIT
BENCHMARK

PROPOSED

PROPOSED NOTE

CURB AND GUTTER
SPILL CURB TRANSITION CURB
DEPRESSED CURB AND GUTTER

TYPICAL LIGHT
TYPICAL DOUBLE LIGHT
TYPICAL SIGN
PARKING COUNTS
CONTOUR LINE
SPOT ELEVATIONS

STORM LABEL
SANITARY SEWER LATERAL
UNDERGROUND WATER LINE
UNDERGROUND ELECTRIC LINE
UNDERGROUND GAS LINE
UNDERGROUND TELEPHONE LINE

STORM SEWER
HYDRANT
SANITARY MANHOLE
STORM MANHOLE
WATER METER
WATER VALVE
GAS VALVE
CURB INLET
CLEAN OUT
TEST PIT
BENCHMARK

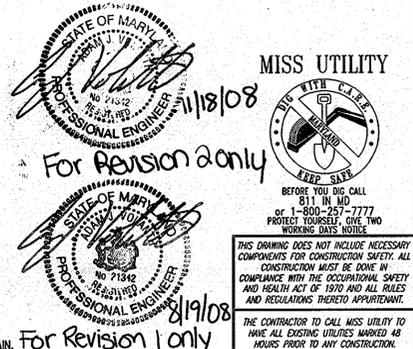
SHEET INDEX	
SHEET	
1	COVER SHEET
2	GENERAL NOTES
3	EXISTING CONDITIONS AND DEMOLITION PLAN
4	SITE PLAN
5	GRADING PLAN
6	UTILITY PLAN
7-10	UTILITY PROFILES
11	EROSION AND SEDIMENT CONTROL PLAN
12-13	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS
14	EROSION AND SEDIMENT DRAINAGE AREA MAPS
15	STORMDRAIN DRAINAGE AREA MAPS
16-17	SITE DETAILS
18	LANDSCAPE PLAN
19	LANDSCAPE NOTES AND DETAILS
20	LIGHTING PLAN
21	LIGHTING DETAILS
22	ARCHITECTURAL ELEVATIONS

SITE ANALYSIS DATA CHART	
PROJECT AREA:	PARCEL P-2 = 1.6026 ACRES = 69,808 S.F.
LIMIT OF DISTURBED AREA:	73,635 S.F. (1.69 AC.)
PRESENT ZONING:	B-1 (BUSINESS LOCAL)
PROPOSED USE:	BANK WITH DRIVE-THRU
FLOOR AREA:	TOTAL FLOOR AREA: 3,259 S.F.
MAXIMUM NUMBER OF EMPLOYEES: 10	
PARKING SPACES REQUIRED: 17 (SEE GENERAL NOTE 8 OF THIS SHEET)	
PARKING SPACES PROVIDED: 35 (INCLUDING 2 HANDICAP SPACES)	
BUILDING COVERAGE OF SITE: 0.08 ACRES (6.05% OF GROSS AREA)	
APPLICABLE DRZ FILE REFERENCES: SDP-00-30, SDP-89-64, GP-86-57, F-07-204, F-87-82, F-87-87, BA99-13EV, BA99-03S, BA-05-00SS	

GENERAL NOTES:

- THIS PLAN IS BASED ON A SURVEY BY BOHLER ENGINEERING, P.C.: 22630 DAVIS DRIVE, SUITE 200 STERLING, VIRGINIA 20164 ENTITLED "BOUNDARY & TOPOGRAPHIC SURVEY OVERTON & ASSOCIATES, PART OF LOT P COLUMBIA 100 OFFICE RESEARCH PARK, PLAT NUMBER 7526, COLUMBIA, 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND" DATED 07/06/07 REVISED 11/15/08 PROJECT NO.: S075623.SV
- THE EXISTING TOPOGRAPHY IS TAKEN FROM A FIELD RUN SURVEY WITH ONE FOOT CONTOUR INTERVALS PREPARED BY BOHLER ENGINEERING, P.C. DATED 07/06/07.
- EXISTING UTILITIES ARE BASED ON A SURVEY BY BOHLER ENGINEERING, P.C. DATED 07/06/07.
- THE TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY TRAFFIC CONCEPTS INC. ENTITLED "TRAFFIC IMPACT STUDY, PROVIDENT BANK, EXECUTIVE PARK DRIVE, DRIVE-IN BANK, HOWARD COUNTY, MARYLAND," DATED AUGUST 2006, REVISED NOVEMBER 2007 AND HAS NOT BEEN APPROVED.
- THE SUBJECT PROPERTY IS ZONED "B-1" IN ACCORDANCE WITH THE 2/2/04 COMPREHENSIVE ZONING PLAN AND THE "COMP LITE" ZONING AMENDMENTS DATED 7/28/06.
- EXISTING USE: VACANT PROPOSED USE: BANK WITH DRIVE THRU
- BUILDING HEIGHT: 22.38' MAXIMUM HEIGHT ALLOWED: 40'-0"
- PARKING: REQUIRED - BANK: FIVE SPACES/1,000 SF OF FLOOR AREA 5 x (3,259/1,000) = 17 SPACES TOTAL PARKING REQUIRED = 17 SPACES TOTAL PARKING PROVIDED = 35 SPACES (INCLUDING 2 HANDICAP SPACES)
- REFUSE SHALL BE DISPOSED OF DAILY IN INDOOR TRASH RECEPTACLES. TRASH REMOVAL WILL BE PRIVATELY CONTRACTED.
- SETBACKS: MD ROUTE 100 (WEST): USE & STRUCTURE SETBACK 30' 121.25' PARKING SETBACK 10' 31.72'
- LIGHTING SHALL BE SHIELDED AND DIRECTED SO THAT IT DOES NOT SHINE DIRECTLY ONTO ANY ADJACENT PROPERTIES, IT SHALL NOT ILLUMINATE RESIDENTIAL PROPERTIES AND SHALL NOT PRODUCE GLARE WHICH WOULD CAUSE A HAZARD FOR MOTOR VEHICLE OPERATIONS IN THE VICINITY OF THE SITE. LIGHTING SHALL COMPLY WITH SECTION 134 OF THE ZONING REGULATIONS.
- UTILITIES: WATER, PUBLIC - EXISTING 12" WATER LINE (CONTRACT# 24-1588-0) IS LOCATED IN EXECUTIVE PARK DRIVE. A NEW SERVICE CONNECTION WILL BE REQUIRED. AN A.D.O. WAS TAKEN THROUGH DPW FOR THIS EXTENSION. SEWER, PUBLIC - A 6" SANITARY SEWER LINE (CONTRACT# 24-1588-0) IS LOCATED IN AN ACCESS DRIVE TO THE WEST OF THE SITE. STORM DRAIN - A 21" RCP IS LOCATED AT THE NORTHEAST CORNER OF THE PROPERTY.
- ALL HOWARD COUNTY STORM WATER MANAGEMENT REQUIREMENTS HAVE BEEN MET UNDER F-87-82. THE REGIONAL STORM WATER MANAGEMENT FACILITY IS LOCATED WITHIN A STORMWATER MANAGEMENT AND UTILITY EASEMENT ON PARCEL 5.
- ELECTION DISTRICT: 2
- DEED REFERENCE: PARCEL P-2 COLUMBIA 100 OFFICE RESEARCH PARK PLAT # 7526 LIBER 4262, FOLIO 620
- TAX MAP: 30, GRID: 12, PARCEL: 406
- PROPERTY IS LOCATED IN COLUMBIA.
- THERE IS NO 100-YEAR FLOOD PLAIN LOCATED ON SITE PER FEMA FIRM MAP 240044 0208 C DATED 04/02/97. SITE LOCATED IN ZONE X - AREAS DETERMINED TO BE OUTSIDE 500 YEAR FLOODPLAIN.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY AND MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- 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.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF 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.

- THERE ARE NO KNOWN BURIAL GROUNDS LOCATED ON-SITE.
- 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 NOS. 30IA AND 30FA WERE USED FOR THIS PROJECT.
- THERE ARE NO WETLANDS ON THIS SITE.
- THIS PLAN IS SUBJECT TO THE AMENDED 5TH EDITION OF THE SUBDIVISION REGULATIONS AND THE 07/28/06 ZONING REGULATIONS.
- RELATED FILE APPLICATIONS: SDP-00-30, SDP-89-64, F-07-204, F-87-82, F-87-87, BA99-13EV, BA99-03S, BA-05-00SS, GP-86-57
- FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DPW DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$7,800 FOR 20 SHADE TREES AND 12 EVERGREEN TREES.
- NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE REQUIRED WETLANDS, STREAMS OR THEIR BUFFERS, FOREST CONSERVATION EASEMENT AREAS AND 100 YEAR FLOODPLAIN.
- THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16-124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.
- THIS PROJECT IS EXEMPT FROM THE REQUIREMENTS OF SECTION 16.1202 (b)(1)(ii) OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION AND MASS GRADING BECAUSE THIS SITE HAS PRELIMINARY SUBDIVISION PLAN APPROVAL PRIOR TO DECEMBER 31, 1992.
- A KNOX BOX (FIRE DEPARTMENT ACCESS BOX) IS REQUIRED TO BE PLACED ON THE FRONT OF THE BUILDING. IT SHALL BE PLACED TO THE RIGHT OF THE MAIN ENTRANCE AT A RANGE OF 4'-5' IN HEIGHT AND NO MORE THAN 6' LATERALLY FROM THE DOOR. THE BOX SHALL BE ELECTRONICALLY SUPERVISED TO NOTIFY A OWNER THAT IT IS BEING ACCESSSED. (INTEGRATED WITH THE FIRE ALARM SYSTEM NFPA-1 10.12.1)
- APPROVAL OF THIS SITE DEVELOPMENT PLAN IS CONTINGENT ON THE APPROVAL OF F-07-204



PROFESSIONAL CERTIFICATION
I, ADAM J. VOLANTH, 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. 21342, EXPIRATION DATE: 9/14/08

NO.	DATE	REVISION DESCRIPTION
1	08/19/08	REVISED PER ARCHITECTURALS
2	11/18/08	REVISED PER PUBLIC PLANS

UTILITY CONTACT INFORMATION:

NATURAL GAS AND ELECTRIC
BALTIMORE GAS AND ELECTRIC
7317 PARKWAY DRIVE
SOUTH HANOVER, MD 21076
PHONE: (410) 659-5383

TELEPHONE
VERIZON
7133 RUTHERFORD ROAD
BALTIMORE, MD 21244
PHONE: (410) 224-5286

STORMWATER MANAGEMENT
HOWARD COUNTY PLANNING AND ZONING DEPARTMENT
3430 COURTHOUSE DRIVE
ELLCOTT CITY, MD 21043
PHONE: (410) 313-2350

WATER AND SANITARY SEWER
HOWARD COUNTY PUBLIC WORKS BUREAU OF UTILITIES
8250 OLD MONTGOMERY ROAD
COLUMBIA, MD 21045
PHONE: (410) 313-4910

EROSION AND SEDIMENT CONTROL
DEPARTMENT OF INSPECTIONS, LICENSES & PERMITS
3430 COURTHOUSE DRIVE
ELLCOTT CITY, MD 21043
PHONE: (410) 313-2455

PLANNING AND ZONING
HOWARD COUNTY PLANNING AND ZONING DEPARTMENT
3430 COURTHOUSE DRIVE
ELLCOTT CITY, MD 21043
PHONE: (410) 313-2350

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
PARCEL P-2/PARCEL 406	4915 EXECUTIVE PARK DRIVE, COLUMBIA HOWARD COUNTY, MD 21045

PERMIT INFORMATION CHART			
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.	SECTION/AREA
COLUMBIA 100 OFFICE RESEARCH PARK	SECTION 1: AREA 2	406, PARCEL P-2	
PLAT RECORDATION	GRID	ZONING	TAX MAP NO.
19776	12	B-1	30
WATER CODE	SEWER CODE	ELECT. DISTR	CENSUS TRACT
602		2nd	6023.02

BOHLER ENGINEERING
810 GLENEAGLES COURT
SUITE 300
TOWSON, MARYLAND 21286
PH: (410) 821-7900
FX: (410) 821-7987
www.bohlerengineering.com

DESIGNED BY: A.G.S.
DRAWN BY: R.F.G.
PROJECT NO.: M0062057
DATE: 4/17/08
SCALE: N.T.S.
DRAWING NO. 1 OF 22

MVO Overton & Associates, Inc. 2037 - Provident Bank, Rt. 100 & Executive Park Dr., Columbia, MD 21046. Fax: 410-821-7987. Website: www.bohlerengineering.com. 4/17/08 8:00 AM. 11/18/08

GENERAL NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

SDP 08.24

SITE PLAN GENERAL NOTES

- 1. THIS PLAN IS BASED ON A SURVEY PREPARED BY: BOHLER ENGINEERING, P.C. 22630 DAVIS DRIVE, SUITE 200 STERLING, VIRGINIA 20164... 2. SPECIFIC RESOURCES, TECHNICAL REPORTS, DESIGN DOCUMENTS, ETC. RELATED TO THIS PROJECT INCLUDE... 3. ALL ELEVATIONS SHOWN ARE BASED ON THE SURVEYOR'S BENCHMARK... 4. APPLICANT: OVERTON & ASSOCIATES 909 BALTIMORE BLVD. WESTMINSTER, MD 21157... 5. OWNER: EXECUTIVE PARK DRIVE ASSOCIATES, LLC 216 SCHILLING CIRCLE SUITE 300 HUNT VALLEY, MD 21031... 6. PARCEL DATA: TAX MAP: 30 GRID: 12 PARCEL: 406... 7. BULK REQUIREMENTS: SETBACKS: MD ROUTE 100 (WEST): USE & STRUCTURE SETBACK 30' 121.25' PARKING SETBACK 10' 31.72'... 8. PARKING REQUIREMENTS: REQUIRED - BANK: FIVE SPACES/1,000 SF OF FLOOR AREA 5 x (3,257/1,000) = 17 SPACES... 9. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED... 10. THE OWNER/CONTRACTOR SHALL BE FAMILIAR WITH AND RESPONSIBLE FOR ANY/ALL CERTIFICATIONS, INSPECTIONS, ETC. REQUIRED BY ALL GOVERNING JURISDICTIONAL AGENCIES DURING AND AFTER CONSTRUCTION... 11. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY... 12. THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND IN CASE OF CONFLICT SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS... 13. THE PROPERTY SURVEY SHALL BE CONSIDERED A PART OF THESE PLANS... 14. THESE PLANS ARE BASED ON INFORMATION PROVIDED TO BOHLER ENGINEERING, P.C. AT THE TIME OF PLAN PREPARATION... 15. ALL DIMENSIONS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION... 16. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL/BUILDING PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY LOCATIONS... 17. DEBRIS SHALL NOT BE BURIED ON THE SUBJECT SITE AND ALL UNSUITABLE EXCAVATED MATERIAL AND DEBRIS (SOLID WASTE) SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL TOWN, COUNTY, STATE AND FEDERAL LAWS AND APPLICABLE CODES... 18. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING REQUIRED DURING EXCAVATION (TO BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS) AND ANY ADDITIONAL PROVISIONS TO ASSURE STABILITY OF CONTIGUOUS STRUCTURES, AS FIELD CONDITIONS DICTATE... 19. CONTRACTOR IS TO EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO PAVEMENT, STRUCTURES, ETC. TO REMAIN... 20. CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING ALL EXISTING DAMAGE AND FOR NOTIFYING CONSTRUCTION MANAGER PRIOR TO START OF CONSTRUCTION... 21. ALL CONCRETE SHALL HAVE THE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS INDICATED IN SPECIFICATIONS UNLESS OTHERWISE NOTED ON THE PLANS, DETAILS AND/OR GEOTECHNICAL REPORT... 22. BOHLER ENGINEERING, P.C. IS NOT RESPONSIBLE FOR CONSTRUCTION METHODS/MEANS FOR COMPLETION OF THE WORK DEPICTED ON THESE PLANS... 23. BOHLER ENGINEERING, P.C. IS NOT RESPONSIBLE FOR JOB SITE SAFETY NOR HAVE THEY BEEN RETAINED FOR SUCH PURPOSES... 24. ALL CONTRACTORS MUST CARRY STATUTORY WORKER'S COMPENSATION INSURANCE, EMPLOYER'S LIABILITY INSURANCE AND APPROPRIATE LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (CGL)...

ARCHITECTURAL: THIS PLAN IS BASED ON ARCHITECTURAL PLANS BY: R.W. LARSON ARCHITECT, ENTITLED: "PROVIDENT BANK EXECUTIVE PARK DRIVE & ROUTE 100 COLUMBIA, HOWARD COUNTY, MARYLAND 21045" (PROJECT: 060697-07285), DATED: 06/20/08.

SITE PLAN GENERAL NOTES CONTINUED

- 25. NEITHER THE PROFESSIONAL ACTIVITIES OF BOHLER ENGINEERING, P.C., NOR THE PRESENCE OF BOHLER ENGINEERING, P.C. OR ITS EMPLOYEES AND SUBCONSULTANTS AT A CONSTRUCTION/PROJECT SITE, SHALL RELIEVE THE GENERAL CONTRACTOR OF ITS OBLIGATIONS, DUTIES AND RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES... 26. BOHLER ENGINEERING, P.C. SHALL REVIEW AND APPROVE OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT... 27. IN AN EFFORT TO RESOLVE ANY CONFLICTS THAT ARISE DURING THE DESIGN AND CONSTRUCTION OF THE PROJECT OR FOLLOWING THE COMPLETION OF THE PROJECT, BOHLER ENGINEERING, P.C. AND THE CONTRACTOR MUST AGREE THAT ALL DISPUTES BETWEEN THEM ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE PROJECT SHALL BE SUBMITTED TO NONBINDING MEDIATION UNLESS THE PARTIES MUTUALLY AGREE OTHERWISE... 28. THE CONTRACTOR MUST INCLUDE A MEDIATION PROVISION IN ALL AGREEMENTS WITH INDEPENDENT SUBCONTRACTORS AND CONSULTANTS RETAINED FOR THE PROJECT AND TO REQUIRE ALL INDEPENDENT CONTRACTORS AND CONSULTANTS ALSO TO INCLUDE A SIMILAR MEDIATION PROVISION IN ALL AGREEMENTS WITH THEIR SUBCONTRACTORS, SUBCONSULTANTS, SUPPLIERS AND FABRICATORS... 29. IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATIONS, INCLUDING THE NOTES CONTAINED THEREON, WITHOUT FIRST OBTAINING PRIOR WRITTEN AUTHORIZATION FOR SUCH DEVIATIONS FROM THE OWNER AND ENGINEER, IT SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL COSTS TO CORRECT ANY WORK DONE, ALL FINES OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM...

GRADING NOTES

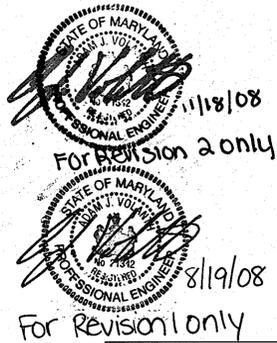
- 1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION... 2. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT... 3. ALL FILL, COMPACTION, AND BACKFILL MATERIALS REQUIRED FOR UTILITY INSTALLATION SHALL BE AS PER THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT... 4. THE CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST OSHA STANDARDS AND REGULATIONS... 5. PAVEMENT SHALL BE SAW CUT IN STRAIGHT LINES TO THE FULL DEPTH OF THE EXISTING PAVEMENT... 6. THE TOPS OF EXISTING MANHOLES, INLET STRUCTURES, AND SANITARY CLEANOUT TOPS SHALL BE ADJUSTED, IF REQUIRED... 7. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS... 8. PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 6" ABOVE EXISTING LOCAL ASPHALT GRADE UNLESS OTHERWISE NOTED... 9. REFER TO SITE PLAN FOR ADDITIONAL NOTES... 10. IN CASE OF DISCREPANCIES BETWEEN PLANS OR RELATIVE TO OTHER PLANS, THE SITE PLAN WILL TAKE PRECEDENCE... 11. CONTRACTOR SHALL BE REQUIRED TO SECURE ALL NECESSARY PERMITS AND APPROVALS FOR ALL OFF-SITE MATERIAL SOURCES AND DISPOSAL FACILITIES... 12. THIS PLAN IS BASED ON ARCHITECTURAL PLANS BY R.W. LARSON ARCHITECT, ENTITLED: "PROVIDENT BANK EXECUTIVE PARK DRIVE & ROUTE 100 COLUMBIA, HOWARD COUNTY, MARYLAND 21045" (PROJECT: 060697-07285), DATED: 06/20/08.

DEMOLITION NOTES

- 1. THIS PLAN IS BASED ON DOCUMENTS AND INFORMATION BY: BOHLER ENGINEERING, P.C. 22630 DAVIS DRIVE, SUITE 200 STERLING, VIRGINIA 20164... 2. BOHLER ENGINEERING, P.C. IS NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION... 3. ALL DEMOLITION ACTIVITIES ARE TO BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AS WELL AS ALL FEDERAL, STATE AND LOCAL REGULATIONS... 4. PRIOR TO STARTING ANY DEMOLITION CONTRACTOR IS RESPONSIBLE FOR: A. ENSURING THAT COPIES OF ALL APPLICABLE PERMITS AND APPROVALS ARE MAINTAINED ON SITE... B. INSTALLING THE REQUIRED SOIL EROSION AND SEDIMENT CONTROL AND/OR TREE PROTECTION MEASURES... C. LOCATING (VERTICALLY AND HORIZONTALLY) ALL UTILITIES AND SERVICES... D. PROTECTING AND MAINTAINING IN OPERATION, ALL ACTIVE SYSTEM THAT ARE NOT BEING REMOVED... E. FAMILIARIZING THEMSELVES WITH THE APPLICABLE UTILITY SERVICE PROVIDER... F. COORDINATION WITH UTILITY COMPANIES REGARDING WORKING "OFF-PEAK" HOURS... G. A COMPLETE INSPECTION FOR CONTAMINANTS BY A LICENSED ENVIRONMENTAL TESTING AGENCY... 5. BOHLER ENGINEERING, P.C. IS NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION... 6. THE CONTRACTOR SHALL PROVIDE ALL THE "MEANS AND METHODS" NECESSARY TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF EXISTING STRUCTURES... 7. IN THE ABSENCE OF SPECIFICATIONS, THE CONTRACTOR SHALL PERFORM EARTH MOVEMENT ACTIVITIES... 8. EXPLOSIVES SHALL NOT BE USED WITHOUT PRIOR WRITTEN CONSENT OF BOTH THE OWNER AND APPLICABLE GOVERNMENTAL AUTHORITIES... 9. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AND GENERALLY ACCEPTED SAFE PRACTICES... 10. CONDUCT DEMOLITION ACTIVITIES IN SUCH A MANNER TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, SIDEWALKS, WALKWAYS, AND OTHER ADJACENT FACILITIES... 11. DEMOLITION ACTIVITIES AND EQUIPMENT SHALL NOT USE AREAS OUTSIDE THE DEFINED PROPERTY LINE... 12. USE DUST CONTROL MEASURES TO LIMIT AIRBORNE DUST AND DIRT RISING AND SCATTERING... 13. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL ADJACENT AREAS TO THEIR "PRE-DEMOLITION" CONDITION... 14. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING ITEMS/CONDITIONS WHICH ARE TO BE REMOVED... 15. DEBRIS SHALL NOT BE BURIED ON THE SUBJECT SITE... 16. LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE... 17. ELEVATIONS ARE BASED UPON NAVD 88, REF. HOWARD COUNTY CONTROL STATIONS 30A AND 30F... 18. PROPERTY IS LOCATED IN FLOOD HAZARD ZONE 'C' (AREA OF MINIMAL FLOODING PER MAP ENTITLED "NATIONAL FLOODING INSURANCE PROGRAM"...

SURVEY REFERENCES

- 1. THE MARYLAND DEPARTMENT OF ASSESSMENTS AND TAXATION RECORDS FOR HOWARD COUNTY, MAP NUMBER 30. 2. MAP ENTITLED "FIRM, FLOOD INSURANCE RATE MAP, HOWARD COUNTY, MARYLAND (UNINCORPORATED AREAS), PANEL 28 OF 45", COMMUNITY-PANEL NUMBER 240044 0028 C, MAP REVISED EFFECTIVE DATE APRIL 2, 1997. 3. MAP ENTITLED "BOUNDARY AND TOPOGRAPHICAL SURVEY, CHICK-FIL-A, INC., MD. ROUTE #100 AND EXECUTIVE PARK DRIVE, 2-ND ELECTION DISTRICT, HOWARD COUNTY, MD", DATED AUGUST 20, 1998 AND LAST REVISED ON JUNE 24, 1999 AND PREPARED BY APR ASSOCIATES, INC., BALTIMORE, MARYLAND. 4. MAP ENTITLED "RIGHT OF WAY PROJECT: MARYLAND ROUTE 100 FROM U.S. ROUTE 29 TO INTERSTATE 95, RIGHT OF WAY PROJECT NO. HO-661-301-770; PLAT NO. 54575", DATED FEBRUARY 19, 1997 AND PREPARED BY THE STATE OF MARYLAND, DEPARTMENT OF TRANSPORTATION, STATE HIGHWAY ADMINISTRATION, STATE ROADS COMMISSION.



THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THERETO APPROPRIATE. THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

PROFESSIONAL CERTIFICATION

I, ADAM J. VOLANTH, 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. 21342, EXPIRATION DATE: 9/14/08

Table with columns: NO., DATE, REVISION DESCRIPTION. Includes entries for 11/18/08 and 08/19/08.

Table with columns: OWNERS, DEVELOPER, PROJECT, AREA, PARCEL, TITLE. Includes information for Executive Park Drive Assoc. and Columbia 100 Office Research Park.

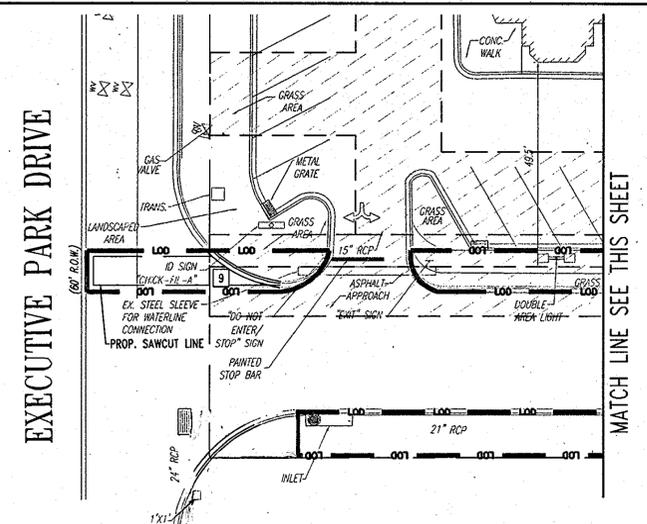
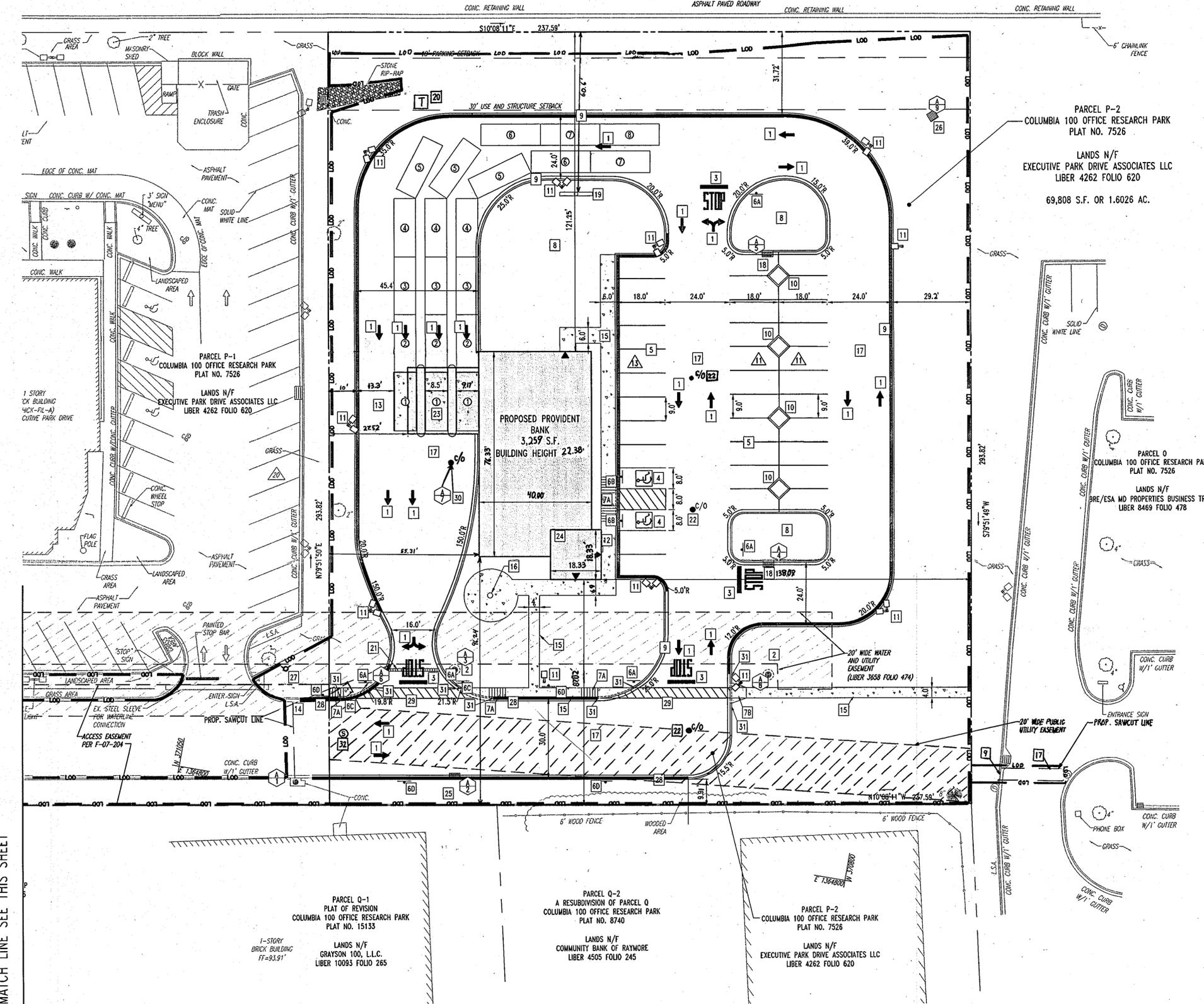
GENERAL NOTES

Bohler Engineering logo and contact information: 810 GLENLEAGLES COURT SUITE 300 TOWSON, MARYLAND 21286. Includes phone and fax numbers.

Professional Engineer stamp for Adam J. Volanth, State of Maryland, License No. 21342, dated 11/18/08.

ADDRESS CHART and PERMIT INFORMATION CHART tables. Address chart shows lot/parcel # and street address. Permit chart shows subdivision name, section/area, lot/parcel no., plat recordation, zoning, tax map no., elect. distr., census tract, water code, and sewer code.

NAD 83/91 MARYLAND ROUTE 100
 (VARIABLE WIDTH RIGHT-OF-WAY)
 RESTRICTED VEHICULAR INGRESS & EGRESS PLAT NO. 7526
 ASPHALT PAVED ROADWAY



PARCEL P-2
 COLUMBIA 100 OFFICE RESEARCH PARK
 PLAT NO. 7526
 LANDS N/F
 EXECUTIVE PARK DRIVE ASSOCIATES LLC
 LIBER 4262 FOLIO 620
 69,808 S.F. OR 1.6026 AC.

SITE KEYNOTES

- 1 DIRECTIONAL ARROW (SEE DETAIL ON SHEET 16)
- 2 MANHOLE (HOWARD COUNTY STANDARD DETAIL G-5.12) (SEE DETAIL ON SHEET 17)
- 3 STOP BAR AND GRAPHIC (SEE DETAIL ON SHEET 16)
- 4 PAINTED HANDICAP PARKING SYMBOL (SEE DETAIL ON SHEET 16)
- 5 STANDARD PARKING STALL & STRIPING DETAIL (SEE DETAIL ON SHEET 16)
- 6 DIRECTIONAL SIGNAGE
- 6A "STOP" SIGN (SEE DETAIL ON SHEET 16)
- 6B BOLLARD MOUNTED HANDICAP SIGN (SEE DETAIL ON SHEET 16)
- 6C "DO NOT ENTER" SIGN (SEE DETAIL ON SHEET 16)
- 6D "NO PARKING ANYTIME" (SEE DETAIL ON SHEET 16)
- 6E BUILDING ADDRESS SIGN
- 7A HANDICAP RAMP (HOWARD COUNTY STANDARD DETAIL R-4.06) (SEE DETAIL ON SHEET 17)
- 7B HANDICAP RAMP (HOWARD COUNTY STANDARD DETAIL R-4.02) (SEE DETAIL ON SHEET 17)
- 8 LANDSCAPE AREA
- 9 COMBINATION CURB AND GUTTER (SEE DETAIL ON SHEET 17)
- 10 LANDSCAPE ISLAND
- 11 SITE AREA LIGHT (SEE DETAIL ON SHEET 20 & 21)
- 12 KNOX BOX (REFER TO ARCHITECTURALS)
- 13 BYPASS LANE
- 14 SAWCUT LINE
- 15 TYPICAL SIDEWALK (HOWARD COUNTY STANDARD DETAIL R-3.05) (SEE DETAIL ON SHEET 16)
- 16 FLAGPOLE (REFER TO ARCHITECTURALS)
- 17 ASPHALT PAVEMENT SECTION (SEE DETAIL ON SHEET 16)
- 18 INLET (HOWARD COUNTY STANDARD DETAIL D-4.22) (SEE DETAIL ON SHEET 17)
- 19 PYLON SIGN (SEE DETAIL ON SHEET 16)
- 20 TRANSFORMER PAD (PER BGC REQUIREMENTS)
- 21 TRENCH DRAIN (HOWARD COUNTY STANDARD DETAIL D-4.15) (SEE DETAIL ON SHEET 17)
- 22 CLEANOUT (HOWARD COUNTY STANDARD DETAIL S-3.21) (SEE DETAIL ON SHEET 17)
- 23 CONCRETE PAD
- 24 SITE CONTRACTOR SHALL REFER TO ARCHITECT PLANS FOR THE EXACT DIMENSIONS OF THE BUILDING AND THE LOCATION OF DOORWAYS, UTILITIES, ETC.
- 25 DOUBLE INLET (HOWARD COUNTY STANDARD DETAIL D-4.23) (SEE DETAIL ON SHEET 16)
- 26 YARD INLET (HOWARD COUNTY STANDARD DETAIL D-4.14) (SEE DETAIL ON SHEET 16)
- 27 FIRE HYDRANT (HOWARD COUNTY STANDARD DETAIL W-1.11) (SEE DETAIL ON SHEET 16)
- 28 FIRE LANE (SEE DETAIL ON SHEET 16)
- 29 CROSSWALK STRIPING
- 30 STORMDRAIN CLEANOUT (SEE DETAIL ON SHEET 16)
- 31 5' CONCRETE CURB TAPER (SEE DETAIL ON SHEET 16)
- 32 SANITARY MANHOLE (TO BE INSTALLED PER PLANS BY BOHLER ENGINEERING ENTITLED "COLUMBIA 100 OFFICE RESEARCH PARK, PARCEL P-2: PROVIDENT BANK, PUBLIC WATER AND SEWER EXTENSION," CONTRACT NO. 24-4915-D, DATED 08/15/08)

MISS UTILITY
 For Revision Only
 8/19/08
 STATE OF MARYLAND
 PROFESSIONAL ENGINEER
 ADAM J. VOLANTH
 LICENSE NO. 21342
 EXPIRATION DATE: 9/14/08

PROFESSIONAL CERTIFICATION

I, ADAM J. VOLANTH, 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. 21342, EXPIRATION DATE: 9/14/08

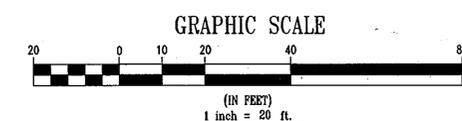
APPROVED: DEPARTMENT OF PLANNING AND ZONING

DATE	REVISION	DESCRIPTION
5/21/08	1	REVISED PER ARCHITECTURALS
5/19/08	2	REVISED PER ARCHITECTURALS
5/19/08	3	REVISED PER ARCHITECTURALS

OWNER:	EXECUTIVE PARK DRIVE ASSOC., LLC 216 SCHILLING CIRCLE SUITE 300 HUNT VALLEY, MD 21031 PHONE: 410-628-8000	DEVELOPER:	OVERTON & ASSOCIATES 909 BALTIMORE BLVD. WESTMINSTER, MD 21157 PHONE: 410-388-1800
PROJECT:	COLUMBIA 100 OFFICE RESEARCH PARK PARCEL P-2, OVERTON & ASSOCIATES/PROVIDENT BANK 4915 EXECUTIVE PARK DRIVE COLUMBIA, HOWARD COUNTY, MARYLAND		
AREA:	1.6026 AC. TAX MAP 30 GRID 12 ZONED B-1 PARCEL 406, PARCEL P-2 L 4262, F. 620 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND		

BOHLER ENGINEERING
 810 GLENEAGLES COURT
 SUITE 300
 TOWSON, MARYLAND 21286
 PH: (410) 821-7900
 FX: (410) 821-7987
 www.bohlerengineering.com

DESIGNED BY: A.G.S.
 DRAWN BY: R.F.G.
 PROJECT NO.: MD062057
 DATE: 4/17/08
 SCALE: 1"=20'
 DRAWING NO. 4 OF 22

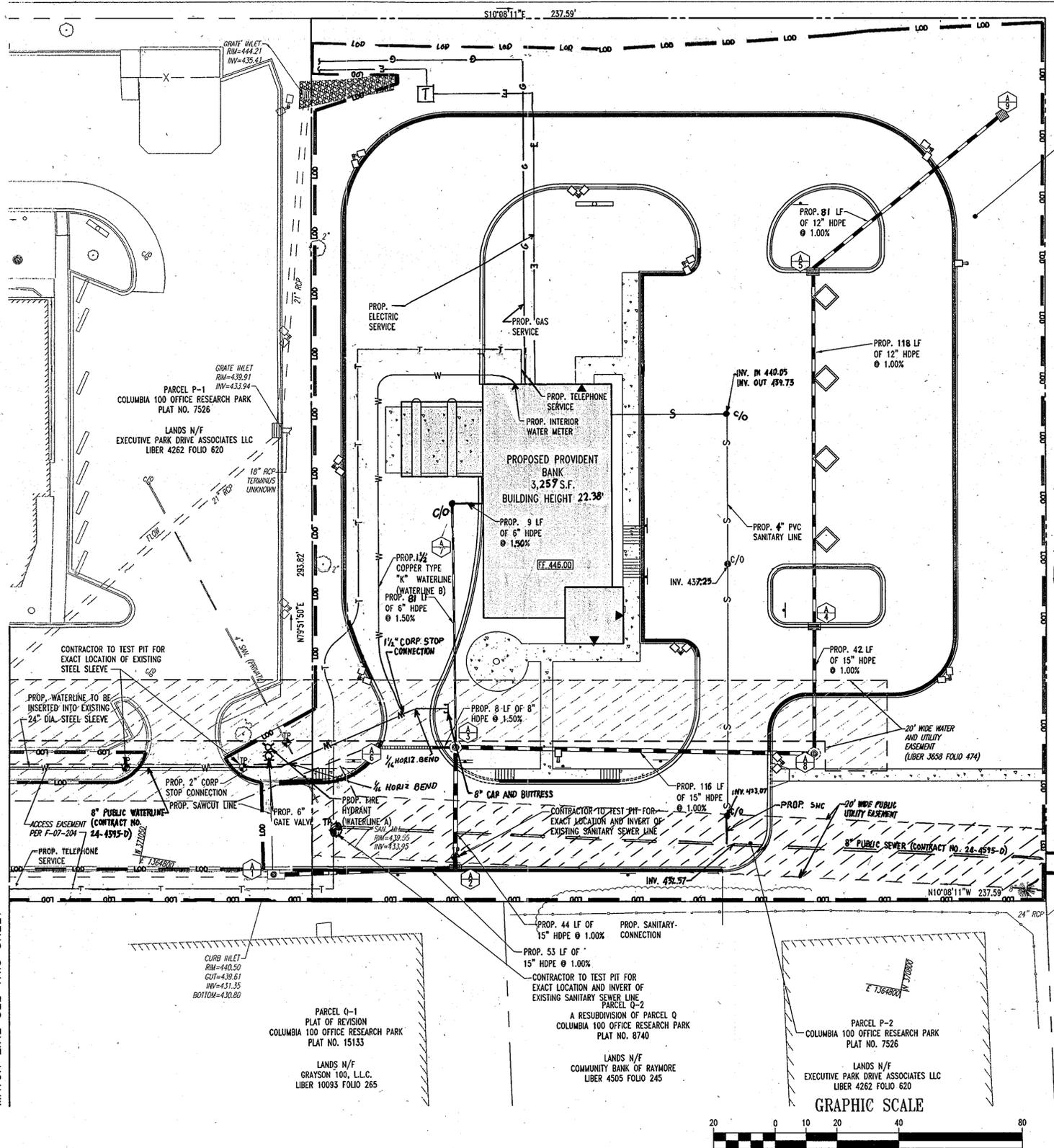


MATCH LINE SEE THIS SHEET

SDP 08-24

NAD 83/91 MARYLAND ROUTE 100

(VARIABLE WIDTH RIGHT-OF-WAY)
RESTRICTED VEHICULAR INGRESS & EGRESS PLAT NO. 7526
ASPHALT PAVED ROADWAY



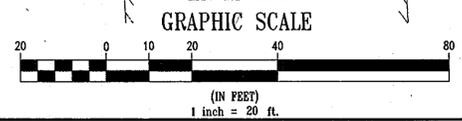
PARCEL P-2
COLUMBIA 100 OFFICE RESEARCH PARK
PLAT NO. 7526

LANDS N/F
EXECUTIVE PARK DRIVE ASSOCIATES LLC
LIBER 4262 FOLIO 620

69,808 S.F. OR 1.6026 AC.

UTILITY LEGEND:

- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- PROPOSED SANITARY SEWER
- EXISTING SANITARY SEWER
- PROPOSED UNDERGROUND GAS
- EXISTING UNDERGROUND GAS
- PROPOSED UNDERGROUND WATER
- EXISTING UNDERGROUND WATER
- PROPOSED UNDERGROUND ELECTRIC
- EXISTING UNDERGROUND ELECTRIC
- PROPOSED UNDERGROUND TELEPHONE
- EXISTING UNDERGROUND TELEPHONE
- PROPOSED OVERHEAD ELECTRIC WIRES
- EXISTING OVERHEAD ELECTRIC WIRES



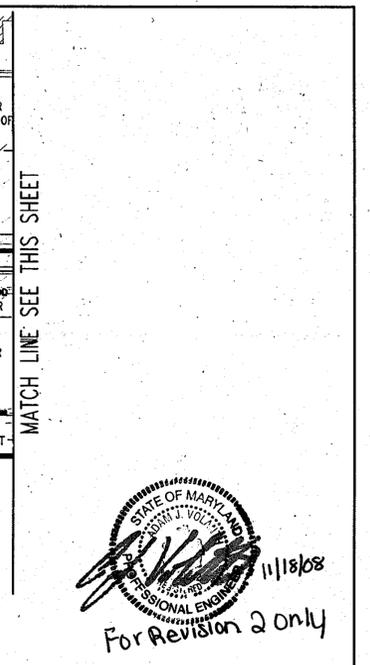
EXECUTIVE PARK DRIVE

UTILITY NOTES

- LOCATION OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE AND MUST BE CONFIRMED INDEPENDENTLY WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION. SANITARY SEWER AND ALL OTHER UTILITY SERVICE CONNECTION POINTS SHALL BE CONFIRMED INDEPENDENTLY BY THE CONTRACTOR IN FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO BOHLER ENGINEERING, P.C. CONSTRUCTION SHALL COMMENCE BEGINNING AT THE LOWEST INVERT (POINT OF CONNECTION) AND PROGRESS UP GRADIENT. ALL PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL UTILITIES AND SERVICES INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISTURBANCE SHALL BE VERTICALLY AND HORIZONTALLY LOCATED. THE CONTRACTOR SHALL USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION AT NO COST TO THE OWNER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY BOHLER ENGINEERING, P.C. OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY BOHLER ENGINEERING, P.C. SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.
- DEFINE AND LOCATE VERTICALLY AND HORIZONTALLY ALL ACTIVE UTILITY AND/OR SERVICE SYSTEMS THAT ARE TO BE REMOVED. THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND MAINTAIN ALL ACTIVE SYSTEMS THAT ARE NOT BEING REMOVED/RELOCATED DURING SITE ACTIVITY.
- THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY DEMOLITION AS IDENTIFIED OR REQUIRED FOR PROJECT. THE CONTRACTOR SHALL PROVIDE THE OWNER WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTION AND UTILITY COMPANY REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF SITE PLAN DOCUMENTS AND ARCHITECTURAL DESIGN FOR EXACT BUILDING UTILITY CONNECTION LOCATIONS, GREASE TRAP REQUIREMENTS/DETAILS, DOOR ACCESS, AND EXTERIOR GRADING. THE UTILITY SERVICE SIZES ARE TO BE DETERMINED BY THE ARCHITECT. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES/SERVICES WITH THE INDIVIDUAL COMPANIES, TO AVOID CONFLICTS AND ENSURE PROPER DEPTHS ARE ACHIEVED. THE JURISDICTION UTILITY REQUIREMENTS SHALL ALSO BE MET, AS WELL AS COORDINATING THE UTILITY TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO THE EXISTING UTILITY/SERVICE. THESE CONFLICTS EXIST WITH THESE SITE PLANS, BOHLER ENGINEERING, P.C. IS TO BE NOTIFIED PRIOR TO CONSTRUCTION TO RESOLVE SAME.
- WATER SERVICE MATERIALS, BURIAL DEPTH, AND COVER REQUIREMENTS SHALL BE SPECIFIED BY THE LOCAL UTILITY COMPANY. CONTRACTOR'S PRICE FOR WATER SERVICE SHALL INCLUDE ALL FEES AND APPURTENANCES REQUIRED BY THE UTILITY TO PROVIDE A COMPLETE WORKING SERVICE.
- ALL NEW UTILITIES/SERVICES, INCLUDING ELECTRIC, TELEPHONE, CABLE TV, ETC. ARE TO BE INSTALLED UNDERGROUND. ALL NEW UTILITIES/SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE UTILITY/SERVICE PROVIDER INSTALLATION SPECIFICATIONS AND STANDARDS.
- THE CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST OSHA STANDARDS AND REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.
- REFER TO SITE PLAN FOR ADDITIONAL NOTES.
- IN CASE OF DISCREPANCIES BETWEEN PLANS OR RELATIVE TO OTHER PLANS, THE SITE PLAN WILL TAKE PRECEDENCE. IMMEDIATELY NOTIFY BOHLER ENGINEERING, P.C. IN WRITING OF ANY CONFLICTS.
- CONTRACTOR SHALL BE REQUIRED TO SECURE ALL NECESSARY PERMITS AND APPROVALS FOR ALL OFF-SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. CONTRACTOR SHALL SUPPLY A COPY OF APPROVALS TO BOHLER ENGINEERING, P.C. AND OWNER PRIOR TO INITIATING WORK.

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
PARCEL P-2/PARCEL 406	4915 EXECUTIVE PARK DRIVE, COLUMBIA HOWARD COUNTY, MD 21045

PERMIT INFORMATION CHART		
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.
COLUMBIA 100 OFFICE RESEARCH PARK	SECTION 1; AREA 2	406, PARCEL P-2
PLAT RECORDATION	GRID#	ZONING
19776	12	B-1
TAX MAP NO.	ELECT. DIST.	CENSUS TRACT
30	2nd	6023.02
WATER CODE	SEWER CODE	
602	5647400	



STATE OF MARYLAND
BOHLER ENGINEERING
PROFESSIONAL ENGINEER
11/18/08
For Revision 2 only

MISS UTILITY
8/19/08
For Revision 1 only

PROFESSIONAL CERTIFICATION

I, ADAM J. VOLANTH, 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. 21342, EXPIRATION DATE: 9/14/08

APPROVED: DEPARTMENT OF PLANNING AND ZONING	
CHIEF-DEVELOPMENT ENGINEERING DIVISION	DATE
<i>[Signature]</i>	5/21/08
CHIEF-DIVISION OF LAND DEVELOPMENT	DATE
<i>[Signature]</i>	5/29/08
DIRECTOR	DATE
<i>[Signature]</i>	6/11/08

REVISIONS	
NO.	DATE
2	11/18/08
1	08/11/08

OWNERS:	DEVELOPER:
EXECUTIVE PARK DRIVE ASSOC., LLC 216 SCHILLING CIRCLE SUITE 300 HUNT VALLEY, MD 21031 PHONE: 410-628-8000	OVERTON & ASSOCIATES 909 BALTIMORE BLVD. WESTMINSTER, MD 21157 PHONE: 410-386-1600

PROJECT: COLUMBIA 100 OFFICE RESEARCH PARK
PARCEL P-2, OVERTON & ASSOCIATES/PROVIDENT BANK
4915 EXECUTIVE PARK DRIVE
COLUMBIA, HOWARD COUNTY, MARYLAND

AREA 1.6026 AC. TAX MAP 30 GRID 12 ZONED B-1
PARCEL 406, PARCEL P-2 L. 4262, F. 620
2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

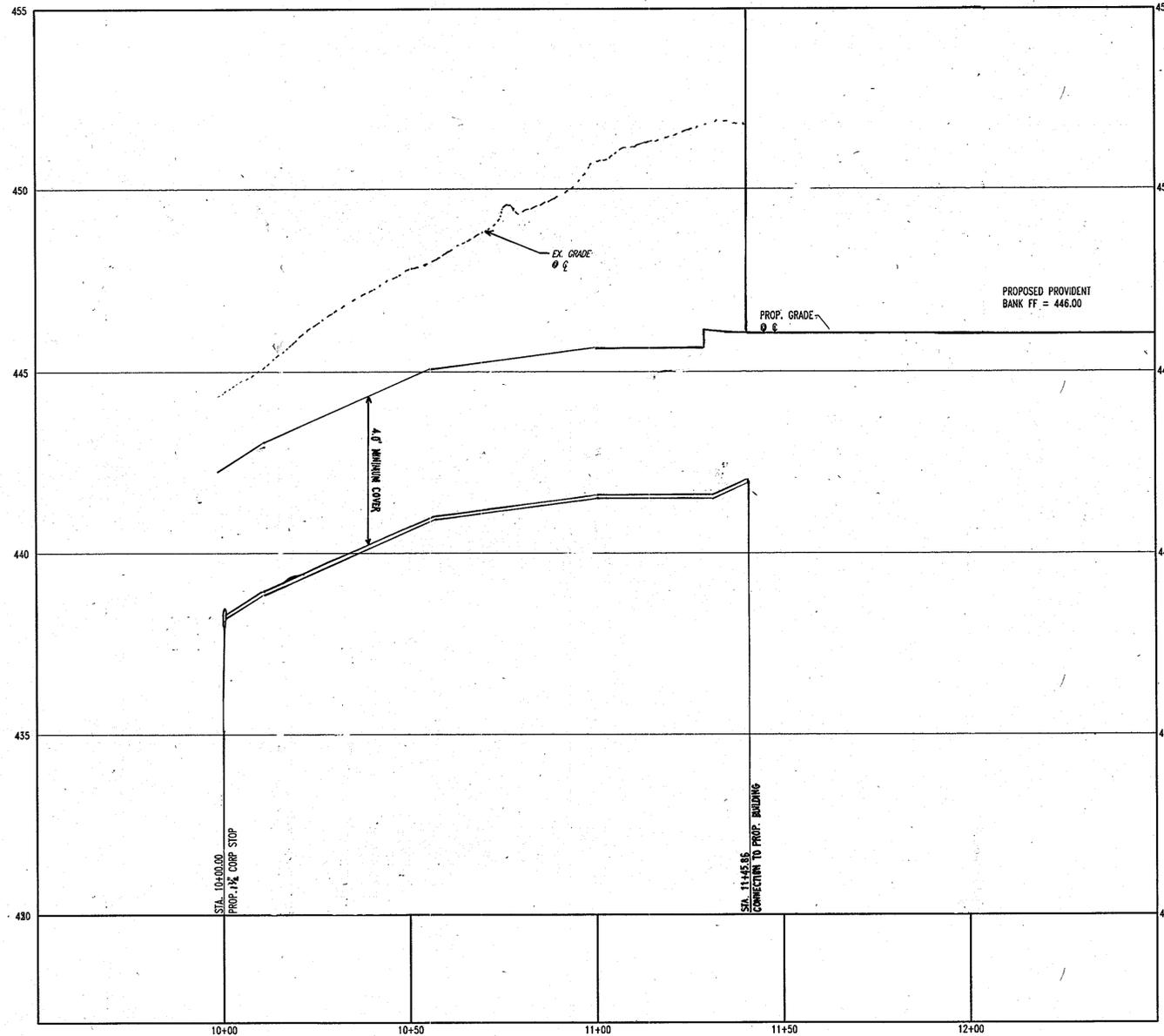
UTILITY PLAN

BOHLER ENGINEERING

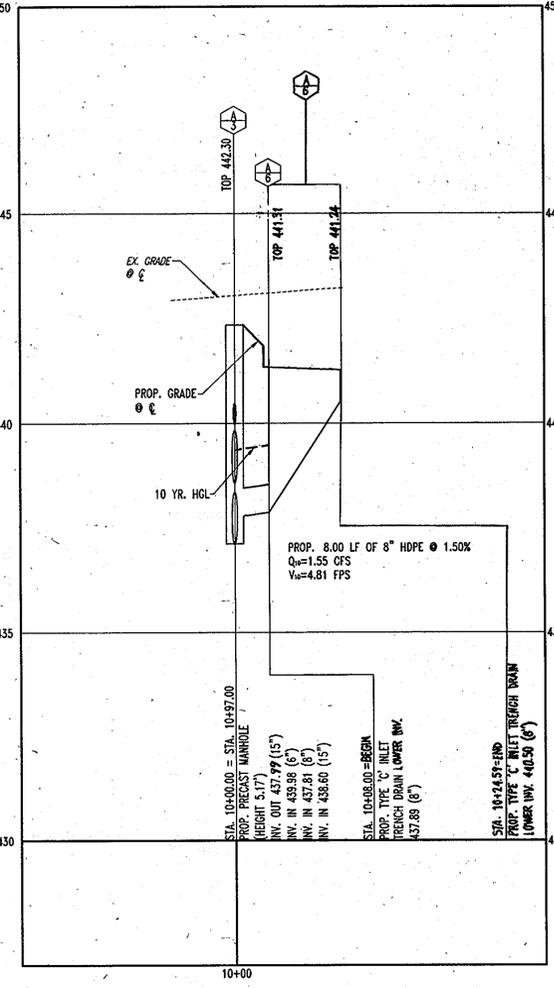
810 GLENLEAGUE COURT
SUITE 300
TOWSON, MARYLAND 21286
PH: (410) 821-7900
FX: (410) 821-7987
www.bohlerengineering.com

DESIGNED BY: A.G.S.
DRAWN BY: R.F.G.
PROJECT NO.: MD062057
DATE: 4/17/08
SCALE: 1"=20'
DRAWING NO. 6 OF 22

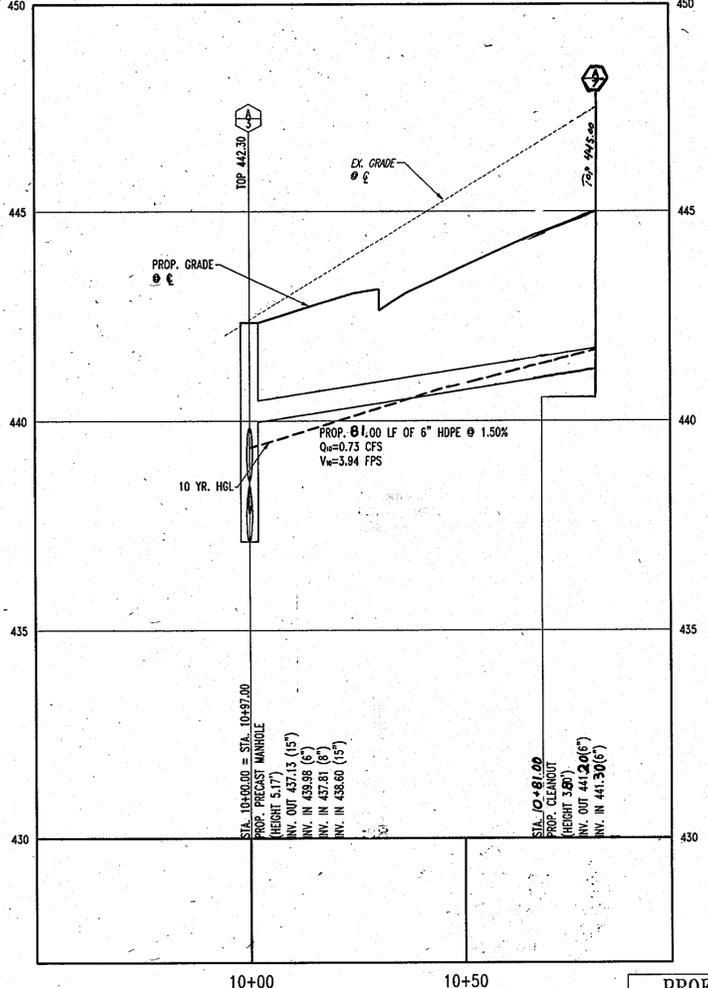
SDP 08-24



WATERLINE 'B' PROFILE
SCALE: HORIZ. 1"=20'
VERT. 1"=2'



STORMDRAIN PROFILE A-3 TO A-6
SCALE: HORIZ. 1"=20'
VERT. 1"=2'



STORMDRAIN PROFILE A-3 TO A-7
SCALE: HORIZ. 1"=20'
VERT. 1"=2'



THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREBY APPLICABLE. THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

PROFESSIONAL CERTIFICATION

I, ADAM J. VOLANTH, 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. 21342, EXPIRATION DATE: 9/14/08

[Signature] 8/19/08
For Revision 1 only

[Signature] 11/18/08
For Revision 2 only

APPROVED: DEPARTMENT OF PLANNING AND ZONING	
CHIEF-DEVELOPMENT ENGINEERING DIVISION	5/21/08
CHIEF-DIVISION OF LAND DEVELOPMENT	5/29/08
DIRECTOR	6/16/08

NO.	DATE	REVISION DESCRIPTION
2	11/18/08	REVISED PER PUBLIC PLANS
1	08/17/08	REVISED PER ARCHITECT COMMENTS

OWNERS: EXECUTIVE PARK DRIVE ASSOC., LLC
216 SCHILLING CIRCLE SUITE 300
HUNT VALLEY, MD 21031
PHONE: 410-828-8000

DEVELOPER: OVERTON & ASSOCIATES
909 BALTIMORE BLVD.
WESTMINSTER, MD 21157
PHONE: 410-388-1600

PROJECT: COLUMBIA 100 OFFICE RESEARCH PARK
PARCEL P-2, OVERTON & ASSOCIATES/PROVIDENT BANK
4916 EXECUTIVE PARK DRIVE
COLUMBIA, HOWARD COUNTY, MARYLAND

AREA 1.6026 AC. TAX MAP 30 GRID 12 ZONED B-1
PARCEL 406, PARCEL P-2 L 4262, F. 620
2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

UTILITY PROFILES

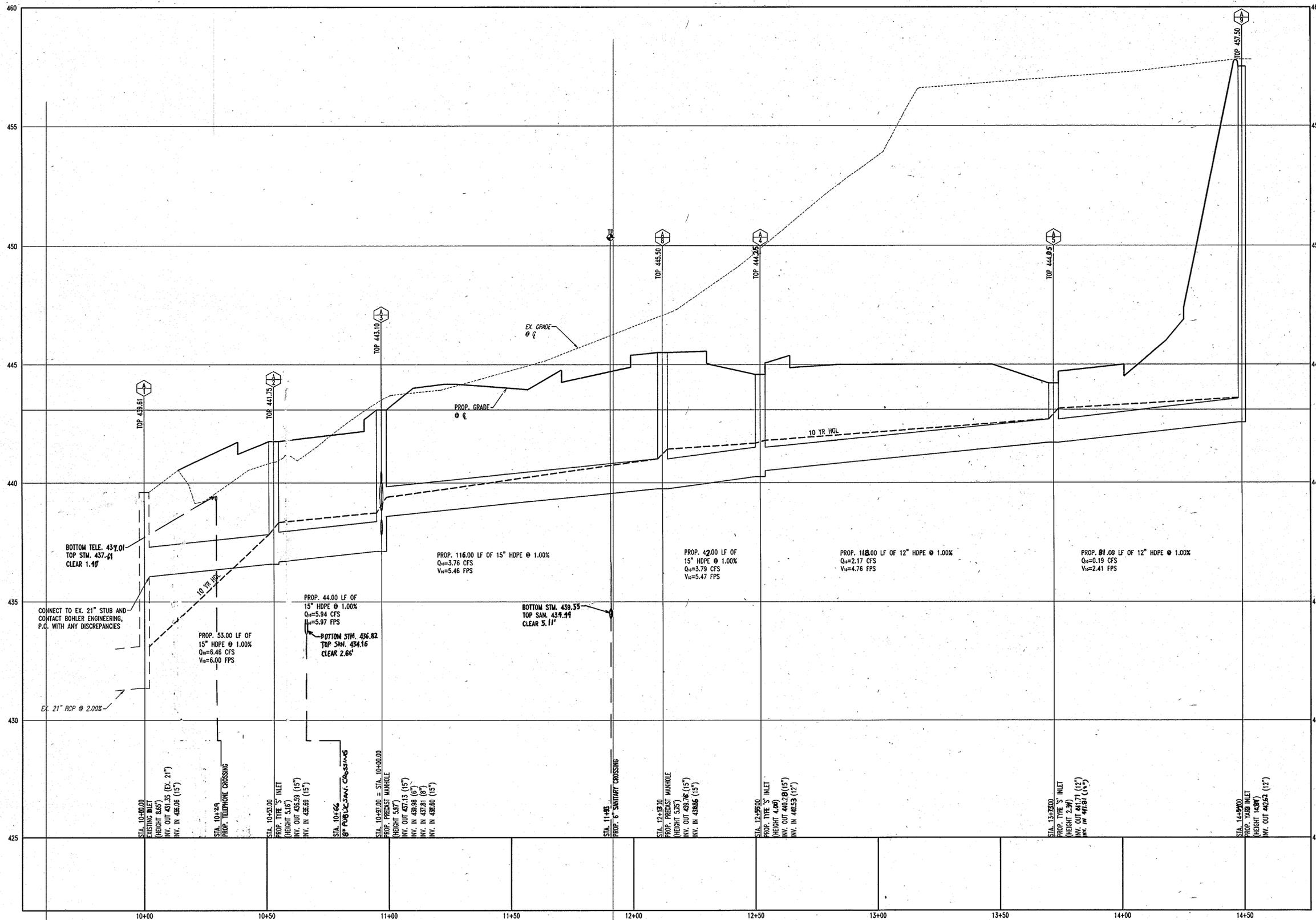


810 GLENEAGLES COURT
SUITE 300
TOWSON, MARYLAND 21286
PH: (410) 621-7900
FX: (410) 621-7987
www.bohlerengineering.com

4/25/08

DESIGNED BY:	A.G.S.
DRAWN BY:	R.F.G.
PROJECT NO.:	MD062057
DATE:	4/17/08
SCALE:	AS SHOWN
DRAWING NO.:	7 OF 22

ADDRESS CHART		
LOT/PARCEL #	STREET ADDRESS	
PARCEL P-2/PARCEL 406	4915 EXECUTIVE PARK DRIVE, COLUMBIA HOWARD COUNTY, MD 21045	
PERMIT INFORMATION CHART		
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.
COLUMBIA 100 OFFICE RESEARCH PARK	SECTION 1; AREA 2	406, PARCEL P-2
PLAT RECORDATION	ZONING	TAX MAP NO.
19776	B-1	30
WATER CODE	SEWER CODE	ELECT. DIST.
G02	5647400	2nd
		CENSUS TRACT
		6023.02



STORMDRAIN PROFILE A-1 TO A-9
SCALE: HORIZ. 1"=20'
VERT. 1"=2'



THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREOF APPROPRIATE. THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

For Revision 2 only

PROFESSIONAL CERTIFICATION

I, ADAM J. VOLANTH, 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. 21342, EXPIRATION DATE: 9/14/08

APPROVED: DEPARTMENT OF PLANNING AND ZONING	
CHIEF-DEVELOPMENT ENGINEERING DIVISION	DATE 5/18/08
CHIEF-DIVISION OF LAND DEVELOPMENT	DATE 5/21/08
DIRECTOR	DATE 6/2/08

NO.	DATE	REVISION DESCRIPTION
2	11/18/08	REVISED PER PUBLIC PLANS
1	05/11/08	REVISION FOR ARCHITECTURAL

OWNERS: EXECUTIVE PARK DRIVE ASSOC., LLC
216 SCHILLING CIRCLE SUITE 300
HUNT VALLEY, MD 21031
PHONE: 410-628-6000

DEVELOPER: OVERTON & ASSOCIATES
909 BALTIMORE BLVD.
WESTMINSTER, MD 21157
PHONE: 410-388-1800

PROJECT: COLUMBIA 100 OFFICE RESEARCH PARK
PARCEL P-2, OVERTON & ASSOCIATES/PROVIDENT BANK
4915 EXECUTIVE PARK DRIVE
COLUMBIA, HOWARD COUNTY, MARYLAND

AREA 1.6026 AC. TAX MAP 30 GRID 12 ZONED B-1
PARCEL 406, PARCEL P-2 L. 4262, F. 620
2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

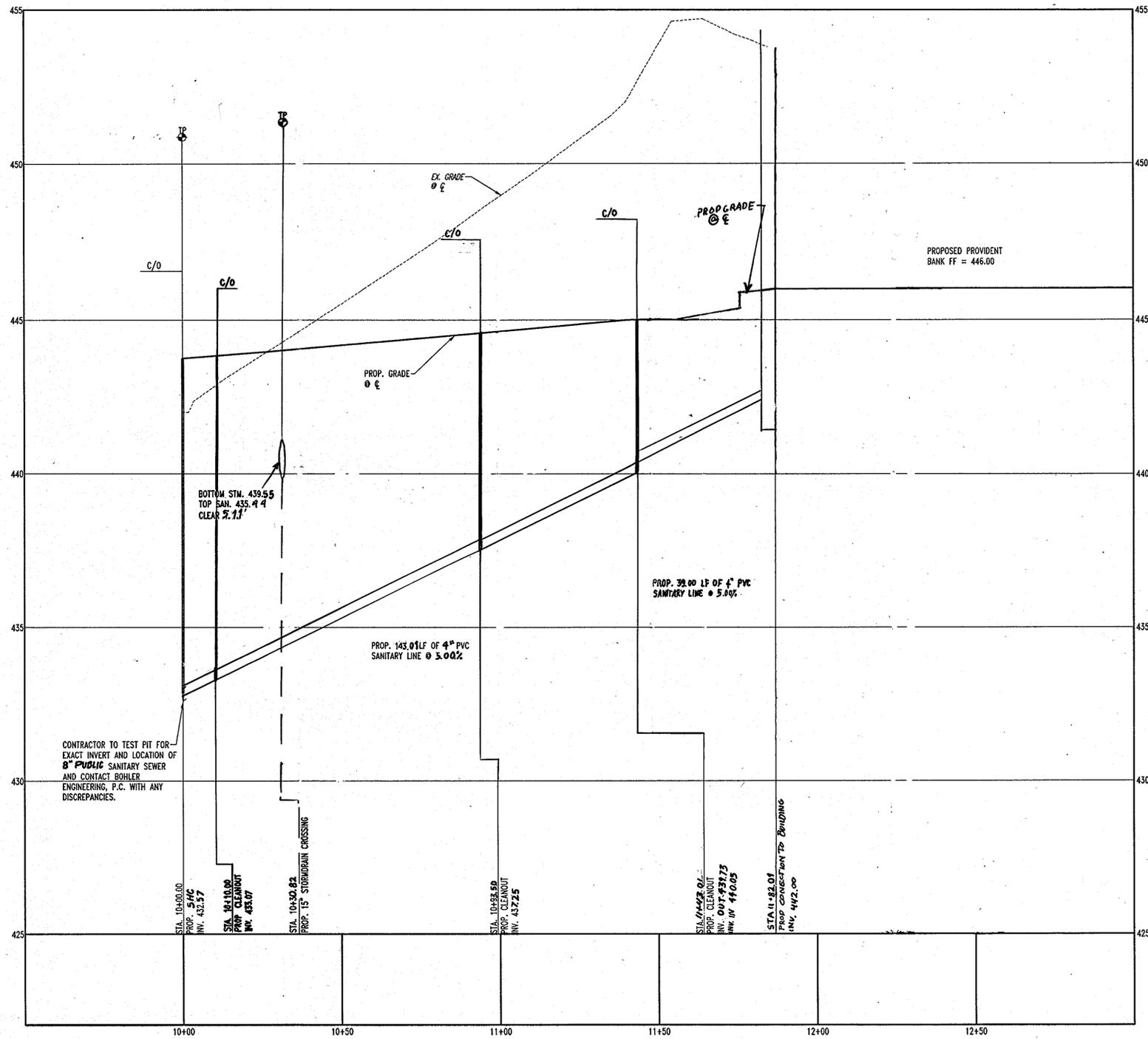
UTILITY PROFILES



810 GLENLEAGUES COURT
SUITE 300
TOWSON, MARYLAND 21286
PH: (410) 821-7900
FX: (410) 821-7987
www.bohlerengineering.com

ADDRESS CHART		
LOT/PARCEL #	STREET ADDRESS	
PARCEL P-2/PARCEL 406	4915 EXECUTIVE PARK DRIVE, COLUMBIA HOWARD COUNTY, MD 21045	
PERMIT INFORMATION CHART		
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.
COLUMBIA 100 OFFICE RESEARCH PARK	SECTION 1; AREA 2	406, PARCEL P-2
PLAT RECORDATION	GRID#	ZONING
19776	12	B-1
TAX MAP NO.	ELECT. DIST.	CENSUS TRACT
30	2nd	6023.02
WATER CODE	SEWER CODE	
602	5647400	

DESIGNED BY: A.G.S.
DRAWN BY: R.F.G.
PROJECT NO.: MD062057
DATE: 4/17/08
SCALE: AS SHOWN
DRAWING NO. 8 OF 22



SANITARY PROFILE
 SCALE: HORIZ. 1"=20'
 VERT. 1"=2'

CONTRACTOR TO TEST FIT FOR EXACT INVERT AND LOCATION OF 8" PUBLIC SANITARY SEWER AND CONTACT BOHLER ENGINEERING, P.C. WITH ANY DISCREPANCIES.

BOTTOM STA. 439.55
 TOP BAN. 435.44
 CLEAR 4.11'

PROP. 39.00 LF OF 4" PVC SANITARY LINE @ 5.00%

PROP. 143.01 LF OF 4" PVC SANITARY LINE @ 5.00%

PROPOSED PROVIDENT BANK FF = 446.00

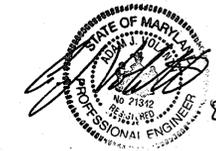


THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREOF APPROPRIATE.

THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.



For Revision 2 only



For Revision 1 only

PROFESSIONAL CERTIFICATION

I, ADAM J. VOLANTH, 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. 21342, EXPIRATION DATE: 9/14/08

APPROVED: DEPARTMENT OF PLANNING AND ZONING	
CHIEF-DEVELOPMENT ENGINEERING DIVISION	DATE: 5/21/08
CHIEF-DIVISION OF LAND DEVELOPMENT	DATE: 5/6/08
DIRECTOR	DATE: 6/1/08

NO.	DATE	REVISION DESCRIPTION
2	11/18/08	REVISED PER PUBLIC PLANS
1	08/17/08	REVISED PER ARCHITECTURALS
OWNERS:		
EXECUTIVE PARK DRIVE ASSOC., LLC 216 SCHILLING CIRCLE SUITE 300 HUNT VALLEY, MD 21031 PHONE: 410-628-6000		DEVELOPER: OVERTON & ASSOCIATES 909 BALTIMORE BLVD WESTMINSTER, MD 21157 PHONE: 410-386-1600
PROJECT: COLUMBIA 100 OFFICE RESEARCH PARK PARCEL P-2, OVERTON & ASSOCIATES/PROVIDENT BANK 4915 EXECUTIVE PARK DRIVE COLUMBIA, HOWARD COUNTY, MARYLAND		
AREA 1.6026 AC. TAX MAP 30 GRID 12 ZONED B-1 PARCEL 406, PARCEL P-2 L. 4262, F. 620 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND		
TITLE		



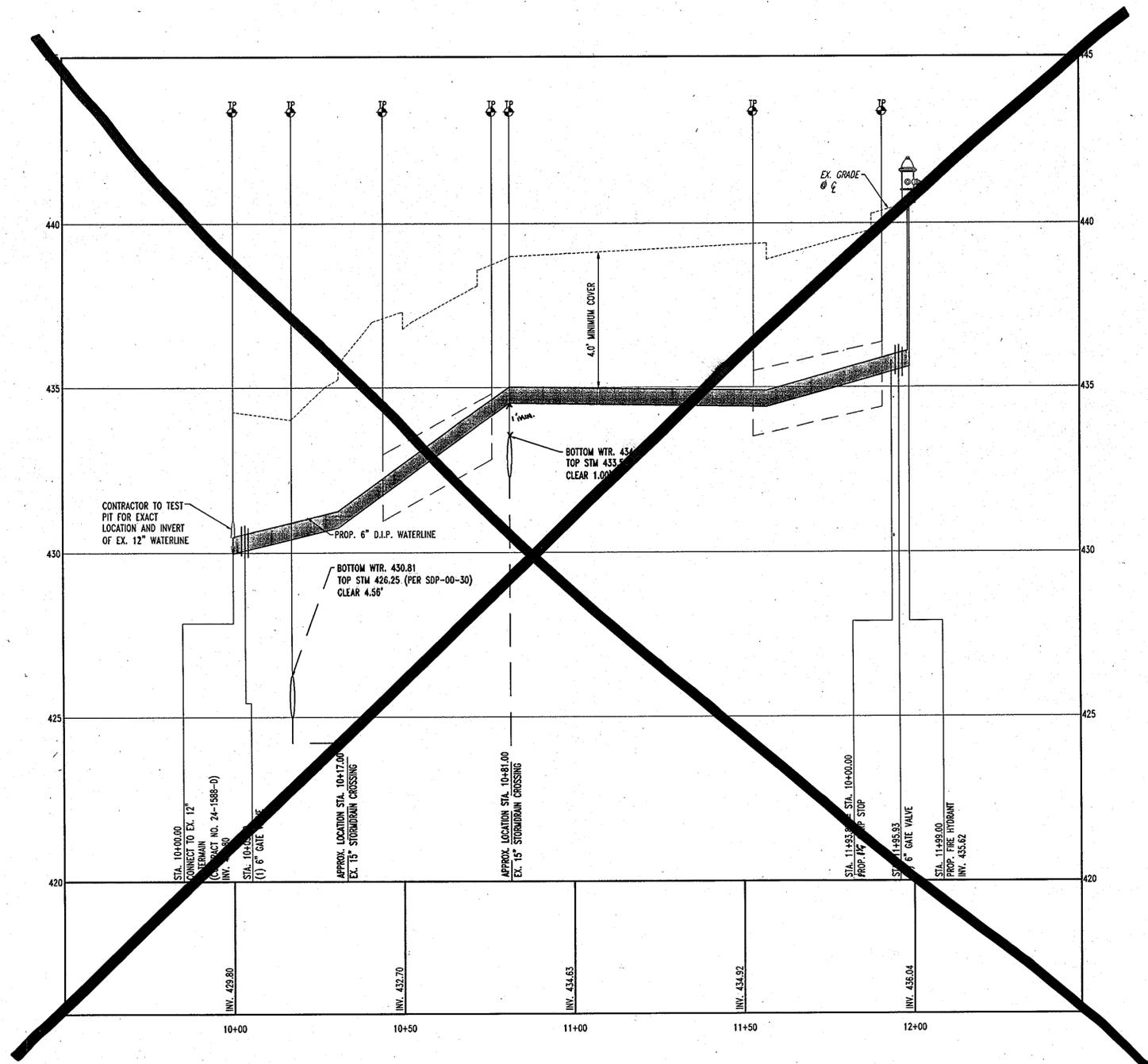
810 GLENEAGLES COURT
 SUITE 300
 TOWSON, MARYLAND 21286
 PH: (410) 821-7900
 FX: (410) 821-7987
 www.bohlerengineering.com

ADDRESS CHART		
LOT/PARCEL #	STREET ADDRESS	
PARCEL P-2/PARCEL 406	4915 EXECUTIVE PARK DRIVE, COLUMBIA HOWARD COUNTY, MD 21045	
PERMIT INFORMATION CHART		
SUBDIVISION NAME COLUMBIA 100 OFFICE RESEARCH PARK	SECTION/AREA SECTION 1; AREA 2	LOT/PARCEL NO. 406, PARCEL P-2
PLAT RECORDATION 19776	GRID# 12	ZONING B-1
TAX MAP NO. 30	ELECT. DIST. 2nd	CENSUS TRACT 6023.02
WATER CODE 602	SEWER CODE 5647400	

DESIGNED BY: A.G.S.
DRAWN BY: R.F.G.
PROJECT NO.: MD062057
DATE: 4/17/08
SCALE: AS SHOWN
PROFESSIONAL ENGINEER NO. 21342
DRAWING NO. 9 OF 22

SDP 08-24

M:\08\Overton & Associates\MD062057 - Provident Bank, Rt. 100 & Executive Park Dr., Columbia, MD\08\08 SITE PLAN DOCUMENTS\SitePlan\080507552.dwg, 4/25/08 8:48:25 AM, Tractwell



WATERLINE 'A' PROFILE
 SCALE: HORIZ. 1"=20'
 VERT. 1"=2'

STATE OF MARYLAND
 PROFESSIONAL ENGINEER
 No. 21342
 Adam J. Volant
 11/18/08
 For Revision 2 only



STATE OF MARYLAND
 PROFESSIONAL ENGINEER
 No. 21342
 Adam J. Volant
 8/19/08
 For Revision 1 only

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SHEETS. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THERE TO APPLICABLE. THE CONTRACTOR TO CALL MISS UTILITY TO HAVE ALL EXISTING UTILITIES MARKED 48 HOURS PRIOR TO ANY CONSTRUCTION.

PROFESSIONAL CERTIFICATION
 I, ADAM J. VOLANTH, 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. 21342, EXPIRATION DATE: 9/14/08

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 Chief-Development Engineering Division: [Signature] 5/21/08
 Chief-Division of Land Development: [Signature] 5/21/08
 Director: [Signature] 6/2/08

NO. 2 DATE 11/18/08 REVISION FOR PUBLIC FILMS
 NO. 1 DATE 08/19/08 REVISION PER ARCHITECTURALS
 OWNERS: EXECUTIVE PARK DRIVE ASSOC., LLC
 DEVELOPER: OVERTON & ASSOCIATES
 PROJECT: COLUMBIA 100 OFFICE RESEARCH PARK
 AREA 1.6026 AC. TAX MAP 30 GRID 12 ZONED B-1
 TITLE: UTILITY PROFILES



810 GLENEAGLES COURT
 SUITE 300
 TOWSON, MARYLAND 21286
 PH: (410) 821-7900
 FX: (410) 821-7987
 www.bohlerengineering.com

DESIGNED BY: A.G.S.
 DRAWN BY: R.F.G.
 PROJECT NO: MD062057
 DATE: 4/17/08
 SCALE: AS SHOWN
 DRAWING NO. 10 OF 22

ADDRESS CHART					
LOT/PARCEL #	STREET ADDRESS				
PARCEL P-2/PARCEL 406	4915 EXECUTIVE PARK DRIVE, COLUMBIA HOWARD COUNTY, MD 21045				
PERMIT INFORMATION CHART					
SUBDIVISION NAME	COLUMBIA 100 OFFICE RESEARCH PARK		SECTION/AREA	SECTION 1; AREA 2	
FLAT RECORIDATION	19776	GRID 12	ZONING	B-1	TAX MAP NO. 30
WATER CODE	602		ELECT. DISTR	2nd	
			CEENSUS TRACT	6023.02	
			SEWER CODE	5647400	

M:\06\Overton & Associates\MD06 2057 - Provident Bank, Rt. 100 & Executive Park Dr. Columbia, MD\CAD\SITE PLAN DOCUMENTS\REV2\MD062057SDP.dwg, 7/29/2008 8:56:08 AM, frockwell

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS

USDA - NATURAL RESOURCES CONSERVATION SERVICE DATE: 5/16/08

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

ENGINEER'S CERTIFICATE

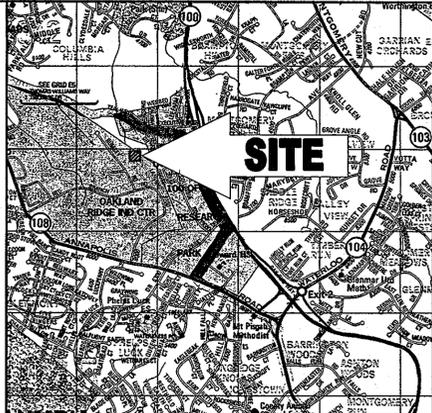
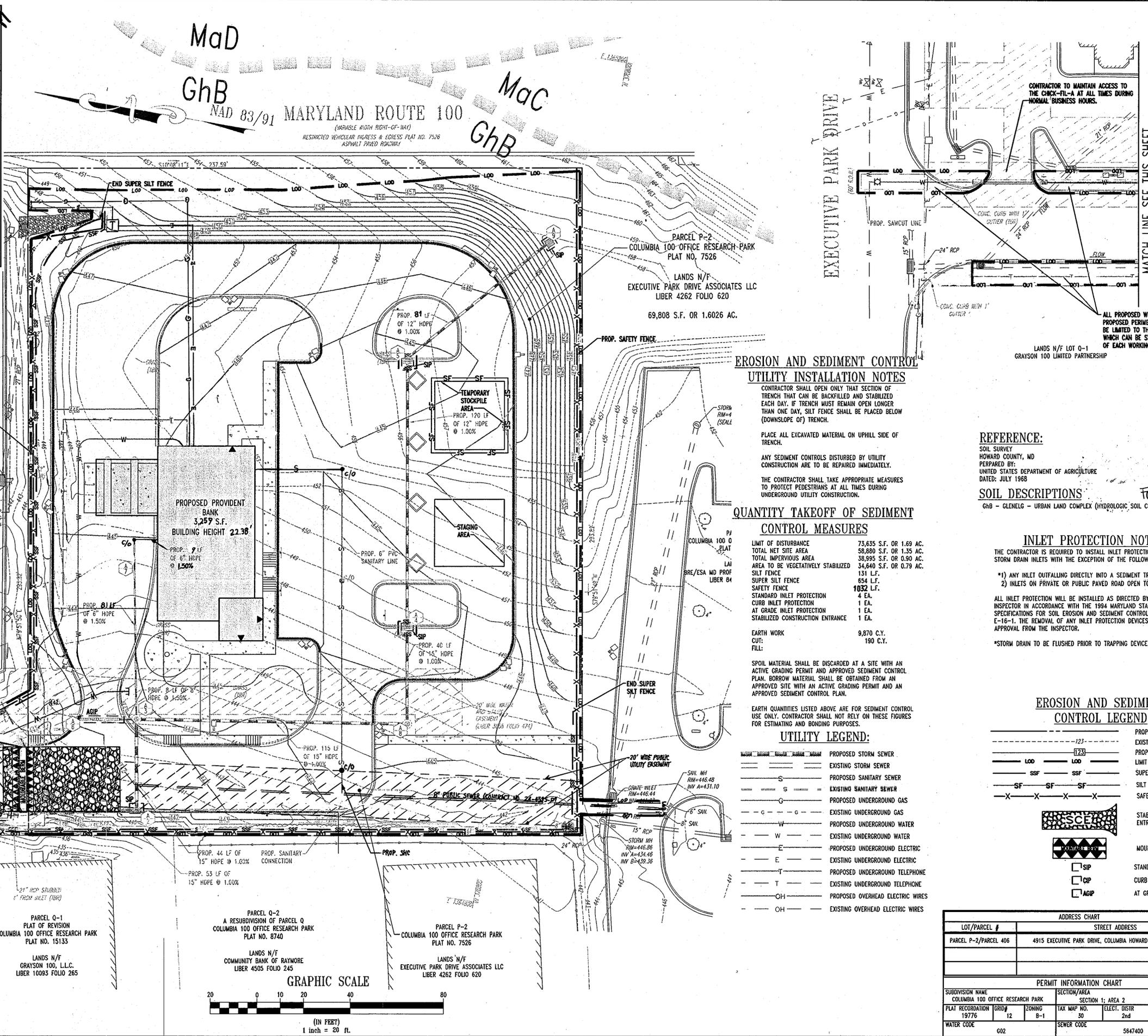
I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL IS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

ADAM J. VOLANTH P.E. 4/25/08

DEVELOPER'S CERTIFICATE

I 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.

BY: William Bukhouse Jr. 4/25/08
 NAME: William Bukhouse, Jr. (Howwood Bank)
 TITLE: Project Electrical Services, Mgr.



LOCATION MAP
 COPYRIGHT ADC THE MAP PEOPLE
 PERMIT USE NO. 20602153-5
 SCALE: 1"=2000'

EROSION AND SEDIMENT CONTROL UTILITY INSTALLATION NOTES

CONTRACTOR SHALL OPEN ONLY THAT SECTION OF TRENCH THAT CAN BE BACKFILLED AND STABILIZED EACH DAY. IF TRENCH MUST REMAIN OPEN LONGER THAN ONE DAY, SILT FENCE SHALL BE PLACED BELOW (DOWNSLOPE OF) TRENCH.

PLACE ALL EXCAVATED MATERIAL ON UPHILL SIDE OF TRENCH.

ANY SEDIMENT CONTROLS DISTURBED BY UTILITY CONSTRUCTION ARE TO BE REPAIRED IMMEDIATELY.

THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO PROTECT PEDESTRIANS AT ALL TIMES DURING UNDERGROUND UTILITY CONSTRUCTION.

QUANTITY TAKEOFF OF SEDIMENT CONTROL MEASURES

LIMIT OF DISTURBANCE	73,635 S.F. OR 1.69 AC.
TOTAL NET SITE AREA	58,880 S.F. OR 1.35 AC.
TOTAL IMPERVIOUS AREA	38,995 S.F. OR 0.90 AC.
AREA TO BE VEGETATIVELY STABILIZED	34,640 S.F. OR 0.79 AC.
SILT FENCE	131 L.F.
SUPER SILT FENCE	654 L.F.
SAFETY FENCE	1032 L.F.
STANDARD INLET PROTECTION	4 EA.
CURB INLET PROTECTION	1 EA.
AT GRADE INLET PROTECTION	1 EA.
STABILIZED CONSTRUCTION ENTRANCE	1 EA.
EARTH WORK	9,870 C.Y.
CUT:	190 C.Y.
FILL:	

SPOIL MATERIAL SHALL BE DISCARDED AT A SITE WITH AN ACTIVE GRADING PERMIT AND APPROVED SEDIMENT CONTROL PLAN. BORROW MATERIAL SHALL BE OBTAINED FROM AN APPROVED SITE WITH AN ACTIVE GRADING PERMIT AND AN APPROVED SEDIMENT CONTROL PLAN.

EARTH QUANTITIES LISTED ABOVE ARE FOR SEDIMENT CONTROL USE ONLY. CONTRACTOR SHALL NOT RELY ON THESE FIGURES FOR ESTIMATING AND BONDING PURPOSES.

UTILITY LEGEND:

---	PROPOSED STORM SEWER
---	EXISTING STORM SEWER
---	PROPOSED SANITARY SEWER
---	EXISTING SANITARY SEWER
---	PROPOSED UNDERGROUND GAS
---	EXISTING UNDERGROUND GAS
---	PROPOSED UNDERGROUND WATER
---	EXISTING UNDERGROUND WATER
---	PROPOSED UNDERGROUND ELECTRIC
---	EXISTING UNDERGROUND ELECTRIC
---	PROPOSED UNDERGROUND TELEPHONE
---	EXISTING UNDERGROUND TELEPHONE
---	PROPOSED OVERHEAD ELECTRIC WIRES
---	EXISTING OVERHEAD ELECTRIC WIRES

INLET PROTECTION NOTE

THE CONTRACTOR IS REQUIRED TO INSTALL INLET PROTECTION ON ALL STORM DRAIN INLETS WITH THE EXCEPTION OF THE FOLLOWING:

- ANY INLET OUTFALLING DIRECTLY INTO A SEDIMENT TRAPPING DEVICE.
- INLETS ON PRIVATE OR PUBLIC PAVED ROAD OPEN TO THE PUBLIC.

ALL INLET PROTECTION WILL BE INSTALLED AS DIRECTED BY THE INSPECTOR IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, PAGE E-16-1. THE REMOVAL OF ANY INLET PROTECTION DEVICES WILL REQUIRE APPROVAL FROM THE INSPECTOR.

*STORM DRAIN TO BE FLUSHED PRIOR TO TRAPPING DEVICE REMOVAL.

EROSION AND SEDIMENT CONTROL LEGEND

---	PROPERTY LINE
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
---	LIMIT OF DISTURBANCE
---	SUPER SILT FENCE
---	SAFETY FENCE
---	STABILIZED CONSTRUCTION ENTRANCE
---	MOUNTABLE BERM
---	STANDARD INLET PROTECTION
---	CURB INLET PROTECTION
---	AT GRADE INLET PROTECTION

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
PARCEL P-2/PARCEL 406	4915 EXECUTIVE PARK DRIVE, COLUMBIA HOWARD COUNTY, MD 21045

PERMIT INFORMATION CHART		
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.
COLUMBIA 100 OFFICE RESEARCH PARK	SECTION 1: AREA 2	406, PARCEL P-2
PLAT RECORDED 19776	TAX MAP NO. 30	ELECT. DIST. 2nd
WATER CODE 602	SEWER CODE	6023.02

STATE OF MARYLAND PROFESSIONAL ENGINEER ADAM J. VOLANTH 11/18/08

For Revision 2 only

MISS UTILITY

STATE OF MARYLAND PROFESSIONAL ENGINEER ADAM J. VOLANTH 8/19/08

For Revision 1 only

PROFESSIONAL CERTIFICATION

I, ADAM J. VOLANTH, 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. 21342, EXPIRATION DATE: 9/14/08

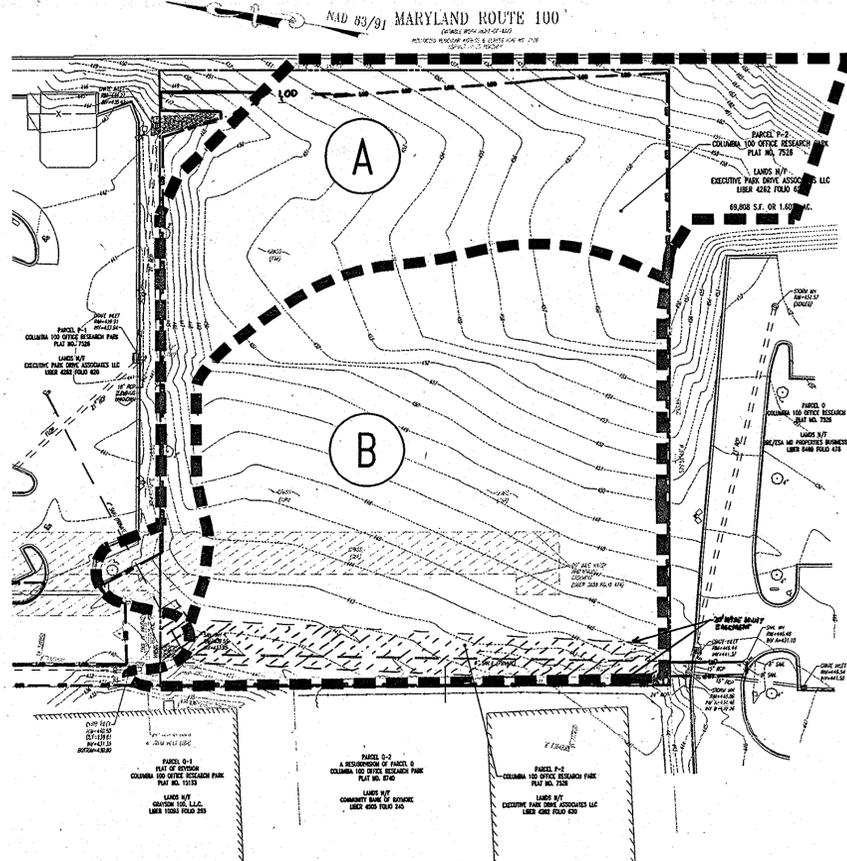
APPROVED: DEPARTMENT OF PLANNING AND ZONING	DATE: 5/16/08
CHIEF-DEVELOPMENT ENGINEERING DIVISION	DATE: 5/16/08
CHIEF-DESIGN OF LAND DEVELOPMENT	DATE: 5/16/08
DIRECTOR	DATE: 5/16/08
NO. 1	DATE: 11/18/08
NO. 2	DATE: 04/17/08
NO. 3	DATE: 04/17/08
NO. 4	DATE: 04/17/08
NO. 5	DATE: 04/17/08
NO. 6	DATE: 04/17/08
NO. 7	DATE: 04/17/08
NO. 8	DATE: 04/17/08
NO. 9	DATE: 04/17/08
NO. 10	DATE: 04/17/08
NO. 11	DATE: 04/17/08
NO. 12	DATE: 04/17/08
NO. 13	DATE: 04/17/08
NO. 14	DATE: 04/17/08
NO. 15	DATE: 04/17/08
NO. 16	DATE: 04/17/08
NO. 17	DATE: 04/17/08
NO. 18	DATE: 04/17/08
NO. 19	DATE: 04/17/08
NO. 20	DATE: 04/17/08
NO. 21	DATE: 04/17/08
NO. 22	DATE: 04/17/08
NO. 23	DATE: 04/17/08
NO. 24	DATE: 04/17/08
NO. 25	DATE: 04/17/08
NO. 26	DATE: 04/17/08
NO. 27	DATE: 04/17/08
NO. 28	DATE: 04/17/08
NO. 29	DATE: 04/17/08
NO. 30	DATE: 04/17/08
NO. 31	DATE: 04/17/08
NO. 32	DATE: 04/17/08
NO. 33	DATE: 04/17/08
NO. 34	DATE: 04/17/08
NO. 35	DATE: 04/17/08
NO. 36	DATE: 04/17/08
NO. 37	DATE: 04/17/08
NO. 38	DATE: 04/17/08
NO. 39	DATE: 04/17/08
NO. 40	DATE: 04/17/08
NO. 41	DATE: 04/17/08
NO. 42	DATE: 04/17/08
NO. 43	DATE: 04/17/08
NO. 44	DATE: 04/17/08
NO. 45	DATE: 04/17/08
NO. 46	DATE: 04/17/08
NO. 47	DATE: 04/17/08
NO. 48	DATE: 04/17/08
NO. 49	DATE: 04/17/08
NO. 50	DATE: 04/17/08
NO. 51	DATE: 04/17/08
NO. 52	DATE: 04/17/08
NO. 53	DATE: 04/17/08
NO. 54	DATE: 04/17/08
NO. 55	DATE: 04/17/08
NO. 56	DATE: 04/17/08
NO. 57	DATE: 04/17/08
NO. 58	DATE: 04/17/08
NO. 59	DATE: 04/17/08
NO. 60	DATE: 04/17/08
NO. 61	DATE: 04/17/08
NO. 62	DATE: 04/17/08
NO. 63	DATE: 04/17/08
NO. 64	DATE: 04/17/08
NO. 65	DATE: 04/17/08
NO. 66	DATE: 04/17/08
NO. 67	DATE: 04/17/08
NO. 68	DATE: 04/17/08
NO. 69	DATE: 04/17/08
NO. 70	DATE: 04/17/08
NO. 71	DATE: 04/17/08
NO. 72	DATE: 04/17/08
NO. 73	DATE: 04/17/08
NO. 74	DATE: 04/17/08
NO. 75	DATE: 04/17/08
NO. 76	DATE: 04/17/08
NO. 77	DATE: 04/17/08
NO. 78	DATE: 04/17/08
NO. 79	DATE: 04/17/08
NO. 80	DATE: 04/17/08
NO. 81	DATE: 04/17/08
NO. 82	DATE: 04/17/08
NO. 83	DATE: 04/17/08
NO. 84	DATE: 04/17/08
NO. 85	DATE: 04/17/08
NO. 86	DATE: 04/17/08
NO. 87	DATE: 04/17/08
NO. 88	DATE: 04/17/08
NO. 89	DATE: 04/17/08
NO. 90	DATE: 04/17/08
NO. 91	DATE: 04/17/08
NO. 92	DATE: 04/17/08
NO. 93	DATE: 04/17/08
NO. 94	DATE: 04/17/08
NO. 95	DATE: 04/17/08
NO. 96	DATE: 04/17/08
NO. 97	DATE: 04/17/08
NO. 98	DATE: 04/17/08
NO. 99	DATE: 04/17/08
NO. 100	DATE: 04/17/08

BOHLER ENGINEERING

810 GLENAGLES COURT SUITE 300 TOWNSHIP, MARYLAND 21286 PH: (410) 821-7900 FX: (410) 821-7987 www.bohlerengineering.com

DESIGNED BY: A.G.S.
 DRAWN BY: R.F.G.
 PROJECT NO.: MD062057
 DATE: 4/17/08
 SCALE: 1"=20'
 DRAWING NO. 11 OF 22

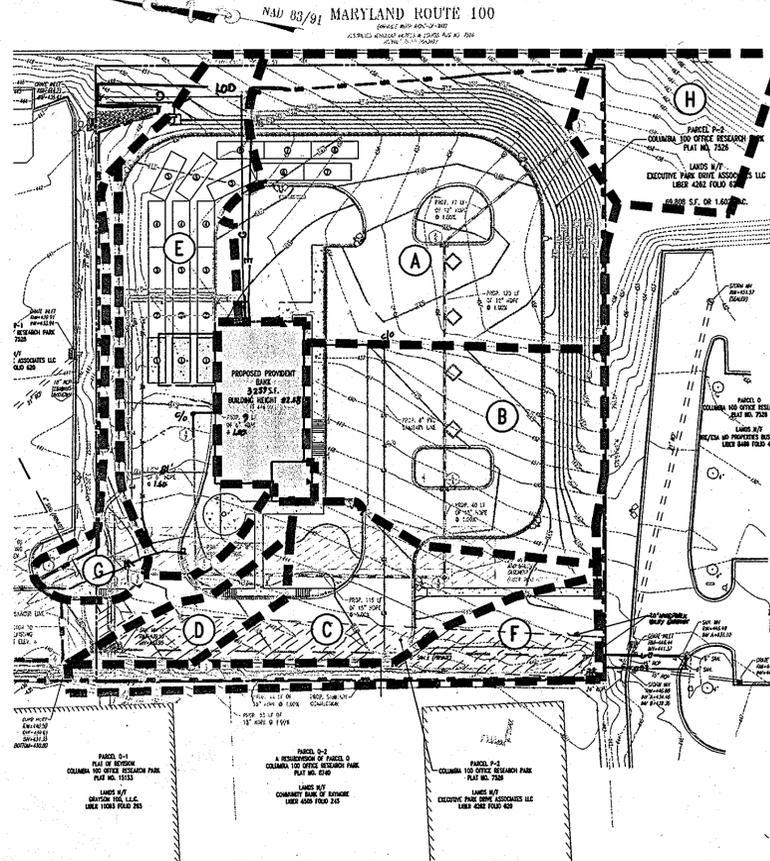
MATCH LINE SEE THIS SHEET



EXISTING EROSION AND SEDIMENT CONTROL DRAINAGE AREA

SCALE: 1"=40'

- A** IMPERVIOUS AREA = 0 S.F. OR 0 AC.
PERVIOUS AREA = 29,984 S.F. OR 0.69 AC.
TOTAL AREA TO SSF = 29,984 S.F. OR 0.69 AC.
- B** IMPERVIOUS AREA = 0 S.F. OR 0 AC.
PERVIOUS AREA = 44,673 S.F. OR 1.03 AC.
TOTAL AREA TO SSF = 44,673 S.F. OR 1.03 AC.



PROPOSED EROSION AND SEDIMENT CONTROL DRAINAGE AREA

SCALE: 1"=40'

- A** IMPERVIOUS AREA = 9,866 S.F. OR 0.22 AC.
PERVIOUS AREA = 12,482 S.F. OR 0.29 AC.
TOTAL AREA TO SIP = 22,348 S.F. OR 0.51 AC.
- B** IMPERVIOUS AREA = 9,348 S.F. OR 0.21 AC.
PERVIOUS AREA = 4,313 S.F. OR 0.10 AC.
TOTAL AREA TO SIP = 13,661 S.F. OR 0.31 AC.
- C** IMPERVIOUS AREA = 3,288 S.F. OR 0.08 AC.
PERVIOUS AREA = 2,920 S.F. OR 0.07 AC.
TOTAL AREA TO SIP = 6,208 S.F. OR 0.15 AC.
- D** IMPERVIOUS AREA = 1,710 S.F. OR 0.04 AC.
PERVIOUS AREA = 610 S.F. OR 0.01 AC.
TOTAL AREA TO CIP = 2,320 S.F. OR 0.05 AC.
- E** IMPERVIOUS AREA = 8,556 S.F. OR 0.20 AC.
PERVIOUS AREA = 2,086 S.F. OR 0.04 AC.
TOTAL AREA TO AGIP = 10,642 S.F. OR 0.24 AC.
- F** IMPERVIOUS AREA = 0 S.F. OR 0 AC.
PERVIOUS AREA = 7,887 S.F. OR 0.18 AC.
TOTAL AREA TO SSF = 7,887 S.F. OR 0.18 AC.
- G** IMPERVIOUS AREA = 0 S.F. OR 0 AC.
PERVIOUS AREA = 2,900 S.F. OR 0.07 AC.
TOTAL AREA TO SSF = 2,900 S.F. OR 0.07 AC.
- H** IMPERVIOUS AREA = 0 S.F. OR 0 AC.
PERVIOUS AREA = 6,272 S.F. OR 0.14 AC.
TOTAL AREA TO SIP = 6,272 S.F. OR 0.14 AC.

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
PARCEL P-2/PARCEL 406	4915 EXECUTIVE PARK DRIVE, COLUMBIA HOWARD COUNTY, MD 21045

PERMIT INFORMATION CHART			
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.	
COLUMBIA 100 OFFICE RESEARCH PARK	SECTION 1; AREA 2	406, PARCEL P-2	
PLAT RECORDATION	GRID #	ZONING	TAX MAP NO.
19776	12	B-1	30
WATER CODE	SEWER CODE	ELECT. DISTR	GENSUS TRACT
602	5647400	2nd	6023.02

MISS UTILITY
 BEFORE YOU DIG CALL
 811 IN MD
 OR 1-800-257-7777
 PROJECT YOURSELF. SAVE TWO
 WORKING DAYS NOTICE.

THIS DRAWING DOES NOT INCLUDE NECESSARY
 COMPONENTS FOR CONSTRUCTION SAFETY. ALL
 CONSTRUCTION MUST BE DONE IN
 COMPLIANCE WITH THE OCCUPATIONAL SAFETY
 AND HEALTH ACT OF 1970 AND ALL RULES
 AND REGULATIONS THERE TO APPURTENANT.

THE CONTRACTOR TO CALL MISS UTILITY TO
 HAVE ALL EXISTING UTILITIES MARKED 48
 HOURS PRIOR TO ANY CONSTRUCTION.

PROFESSIONAL CERTIFICATION
 I, ADAM J. VOLANTH, 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. 21342, EXPIRATION DATE: 9/14/08

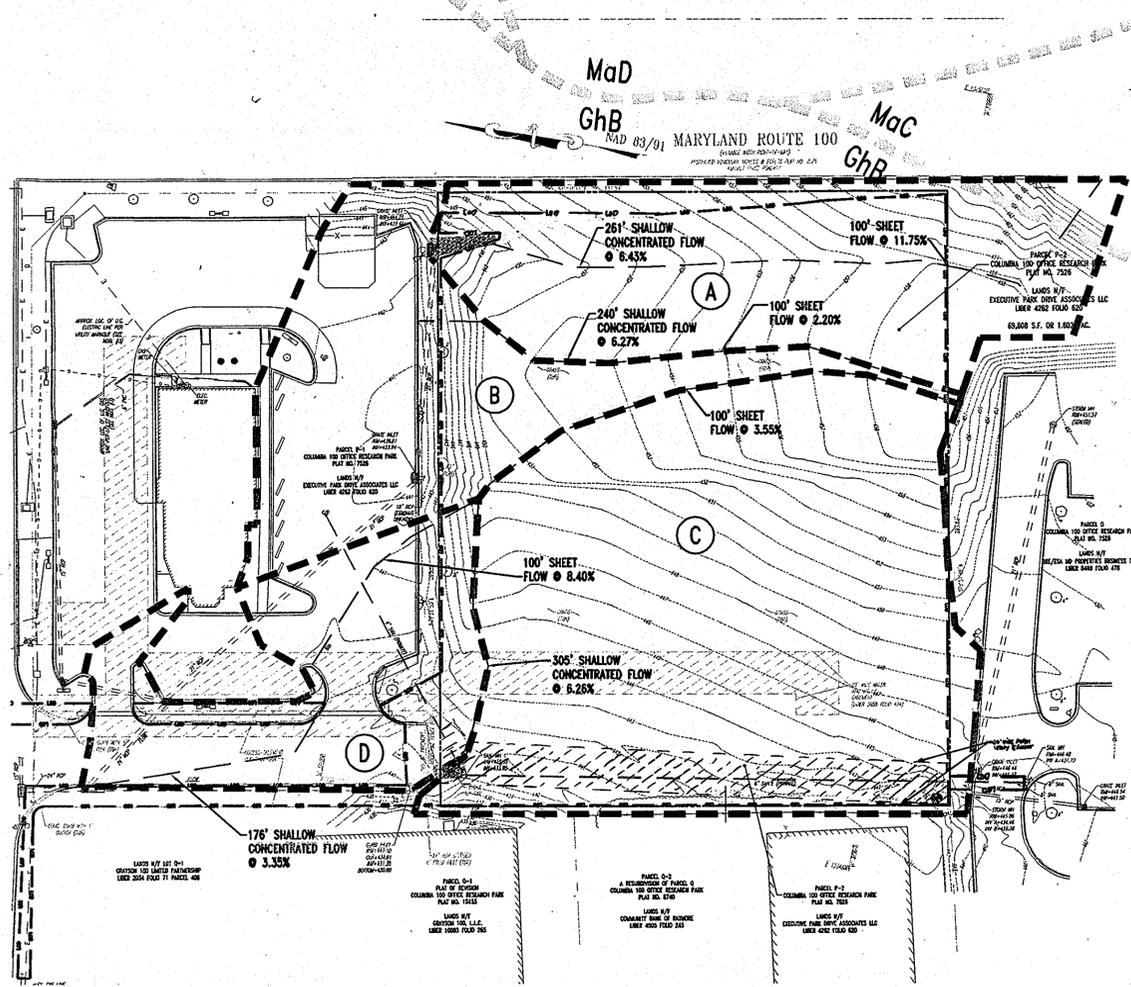
APPROVED: DEPARTMENT OF PLANNING AND ZONING
 CHIEF-DEVELOPMENT ENGINEERING DIVISION
 CHIEF-DIVISION OF LAND DEVELOPMENT
 DIRECTOR

DATE: 5/2/08
 DATE: 5/19/08
 DATE: 6/14/08

DESIGNED BY: A.G.S.
 DRAWN BY: R.F.G.
 PROJECT NO.: MD082057
 DATE: 4/17/08
 SCALE: N.T.S.
 DRAWING NO. 14 OF 22

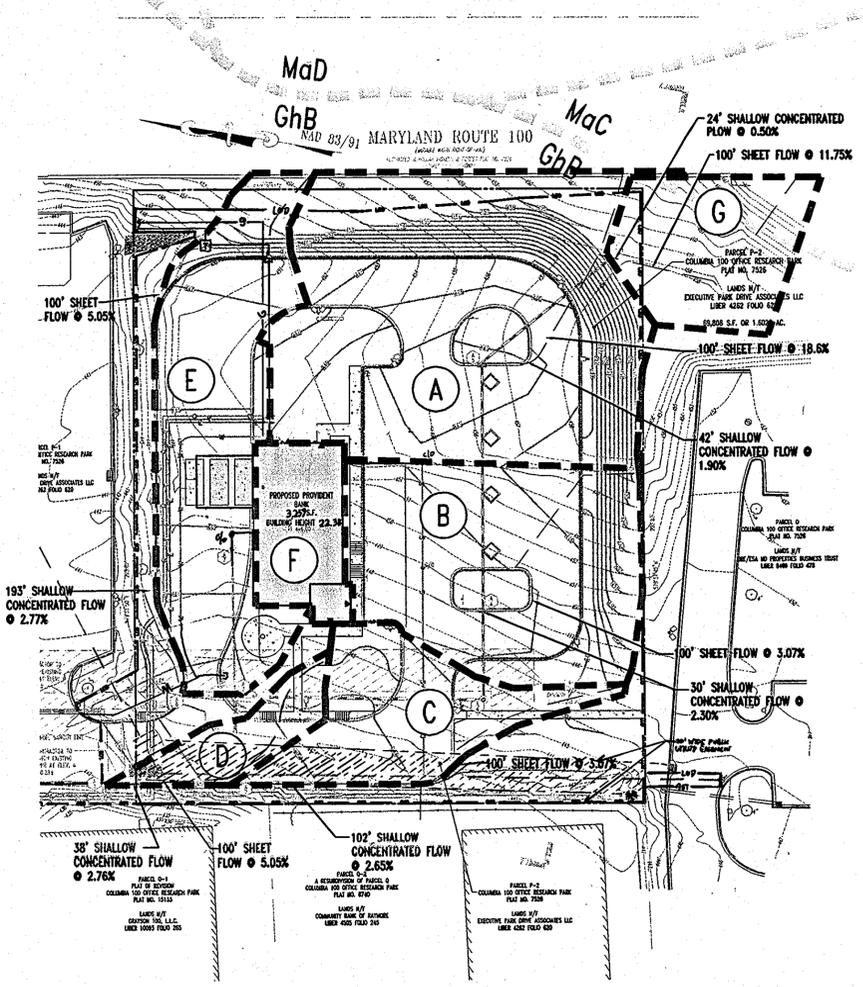
BOHLER ENGINEERING
 810 GLENEAGLES COURT
 SUITE 300
 TOWSON, MARYLAND 21286
 PH: (410) 821-7900
 FX: (410) 821-7987
 www.bohlerengineering.com

DESIGNED BY: A.G.S.
 DRAWN BY: R.F.G.
 PROJECT NO.: MD082057
 DATE: 4/17/08
 SCALE: N.T.S.
 DRAWING NO. 14 OF 22



EXISTING STORMDRAIN DRAINAGE AREA
SCALE: 1"=40'

- (A)** IMPERVIOUS AREA = 0 S.F. OR 0 AC.
PERVIOUS AREA = 25,174 S.F. OR 0.58 AC.
TOTAL AREA TO INLET ON CHICK-FIL-A PROPERTY = 25,174 S.F. OR 0.58 AC.
- (B)** IMPERVIOUS AREA = 10,000 S.F. OR 0.23 AC.
PERVIOUS AREA = 10,552 S.F. OR 0.24 AC.
TOTAL AREA TO INLET ON CHICK-FIL-A PROPERTY = 20,552 S.F. OR 0.47 AC.
- (C)** IMPERVIOUS AREA = 0 S.F. OR 0 AC.
PERVIOUS AREA = 44,304 S.F. OR 1.02 AC.
TOTAL AREA TO OFF SITE DRAINAGE FACILITY = 44,304 S.F. OR 1.02 AC.
- (D)** IMPERVIOUS AREA = 10,525 S.F. OR 0.24 AC.
PERVIOUS AREA = 5,866 S.F. OR 0.14 AC.
TOTAL AREA TO INLET ON CHICK-FIL-A PROPERTY = 16,391 S.F. OR 0.38 AC.



PROPOSED STORMDRAIN DRAINAGE AREA
SCALE: 1"=40'

- (A)** IMPERVIOUS AREA = 9,866 S.F. OR 0.22 AC.
PERVIOUS AREA = 12,482 S.F. OR 0.29 AC.
TOTAL AREA = 22,348 S.F. OR 0.51 AC.
'C' = 46
- (B)** IMPERVIOUS AREA = 9,348 S.F. OR 0.21 AC.
PERVIOUS AREA = 4,131 S.F. OR 0.10 AC.
TOTAL AREA = 13,479 S.F. OR 0.31 AC.
'C' = 63
- (C)** IMPERVIOUS AREA = 3,288 S.F. OR 0.08 AC.
PERVIOUS AREA = 2,920 S.F. OR 0.07 AC.
TOTAL AREA = 6,208 S.F. OR 0.15 AC.
'C' = 53
- (D)** IMPERVIOUS AREA = 1,710 S.F. OR 0.04 AC.
PERVIOUS AREA = 610 S.F. OR 0.01 AC.
TOTAL AREA = 2,320 S.F. OR 0.05 AC.
'C' = 72
- (E)** IMPERVIOUS AREA = 8,556 S.F. OR 0.20 AC.
PERVIOUS AREA = 2,856 S.F. OR 0.06 AC.
TOTAL AREA = 11,412 S.F. OR 0.26 AC.
'C' = 70
- (F)** IMPERVIOUS AREA = 4,283 S.F. OR 0.10 AC.
PERVIOUS AREA = 0 S.F. OR 0 AC.
TOTAL AREA = 4,283 S.F. OR 0.10 AC.
'C' = 86
- (G)** IMPERVIOUS AREA = 0 S.F. OR 0 AC.
PERVIOUS AREA = 6,272 S.F. OR 0.14 AC.
TOTAL AREA = 6,272 S.F. OR 0.14 AC.
'C' = 16

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
PARCEL P-2/PARCEL 406	4915 EXECUTIVE PARK DRIVE, COLUMBIA HOWARD COUNTY, MD 21045

PERMIT INFORMATION CHART			
SUBDIVISION NAME COLUMBIA 100 OFFICE RESEARCH PARK	SECTION/AREA SECTION 1; AREA 2	LOT/PARCEL NO. 406, PARCEL P-2	
PLAT RECORDATION 19776	GRID 12	ZONING B-1	TAX MAP NO. 30
WATER CODE 602	ELECT. DIST. 2nd	CENSUS TRACT 6023.02	SEWER CODE 5647400

MISS UTILITY
BEFORE YOU DIG CALL
811 IN MD
OR 1-800-257-7777
PROTECT YOURSELF. GIVE TWO
WORKING DAYS NOTICE.

For Revision 2 only 11/18/08

For Revision 1 only 8/19/08

PROFESSIONAL CERTIFICATION
I, ADAM J. VOLANTH, 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. 21342, EXPIRATION DATE: 9/14/08

APPROVED: DEPARTMENT OF PLANNING AND ZONING	
<i>[Signature]</i> CHIEF DEVELOPMENT ENGINEERING DIVISION	5/24/08
<i>[Signature]</i> CHIEF DIVISION OF LAND DEVELOPMENT	5/19/08
<i>[Signature]</i> DIRECTOR	6/2/08

NO.	DATE	REVISION DESCRIPTION
2	11/18/08	REVISED PER PUBLIC PLANS
1	08/19/08	REVISED PER ARCHITECTURALS

OWNERS: EXECUTIVE PARK DRIVE ASSOC., LLC
216 SCHILLING CIRCLE SUITE 300
HUNT VALLEY, MD 21031
PHONE: 410-628-6000

DEVELOPER: OVERTON & ASSOCIATES
909 BALTIMORE BLVD.
WESTMINSTER, MD 21157
PHONE: 410-388-1800

PROJECT: COLUMBIA 100 OFFICE RESEARCH PARK
PARCEL P-2, OVERTON & ASSOCIATES/PROVIDENT BANK
4915 EXECUTIVE PARK DRIVE
COLUMBIA, HOWARD COUNTY, MARYLAND

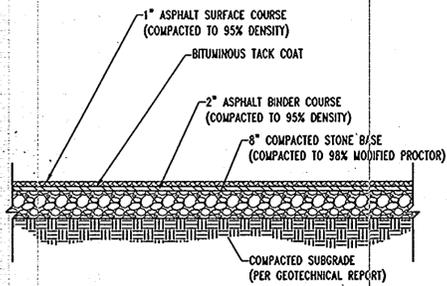
AREA 1.6026 AC. TAX MAP 30 GRID 12 ZONED B-1
PARCEL 406, PARCEL P-2 L. 4262, F. 620
2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

BOHLER ENGINEERING

810 GLENEAGLES COURT
SUITE 300
TOWSON, MARYLAND 21286
PH: (410) 821-7900
FX: (410) 821-7987
www.bohlerengineering.com

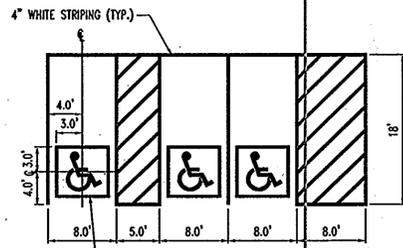
DESIGNED BY: A.G.S.
DRAWN BY: R.F.G.
PROJECT NO.: MD062057
DATE: 4/17/08
SCALE: N.T.S.
DRAWING NO. 15 OF 22

SDP 08.24



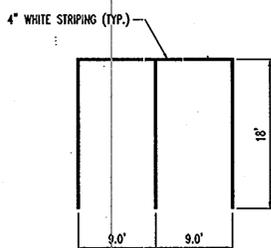
NOTE:
 1. SECTION SHOWN IS BASED ON AN ANTICIPATED CBR OF 6.0 PER A GEOTECHNICAL REPORT PREPARED BY TATE, SHABAZ & ASSOCIATES, P.C., ENTITLED "GEOTECHNICAL INVESTIGATION REPORT FOR PROVIDENT BANK BRANCH, DATED 10/31/06. FINAL DESIGN TO BE PROVIDED ONCE FINAL CBR'S ARE AVAILABLE ON COMPACTED SUB-BASE."
 2. LOCAL REGULATIONS.
 3. SEE HANDICAP SYMBOL DETAIL FOR PROPORTIONS AND DISPLAY CONDITIONS.

STANDARD DUTY ASPHALT PAVEMENT SECTION
 NOT TO SCALE



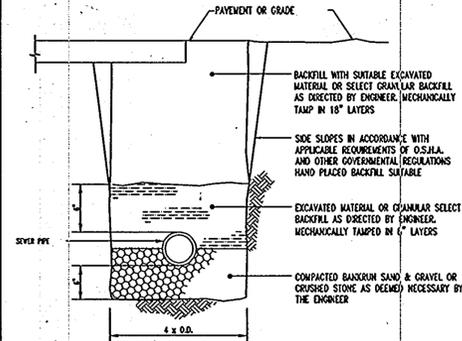
NOTE:
 1. ALL HANDICAP STALL MARKINGS SHALL CONFORM TO CURRENT ADA GUIDELINES AND LOCAL REGULATIONS.
 2. STALL DEPTH SHALL BE BASED ON THE LOCAL JURISDICTIONAL REQUIREMENTS FOR PARKING STALL DIMENSIONS.
 3. SEE HANDICAP SYMBOL DETAIL FOR PROPORTIONS AND DISPLAY CONDITIONS.

STANDARD HANDICAP STALL MARKING DETAIL
 NOT TO SCALE



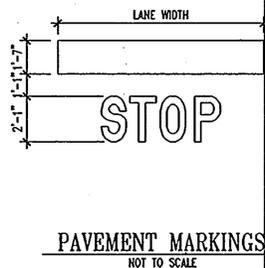
NOTE:
 1. SEE SITE PLAN FOR PARKING STALL DIMENSIONS.

PARKING STALL MARKING DETAIL
 NOT TO SCALE

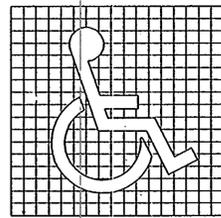


EXCAVATIONS IN EXISTING PAVED ROADWAYS SHALL BE COORDINATED WITH THE COUNTY / CITY ROAD DEPARTMENT, AND ALL EXCAVATION SHALL BE PAVED WITH TEMPORARY BITUMINOUS PAVEMENT FROM THE DATE OF ORIGINAL EXCAVATION UNTIL PERMANENT PAVEMENT IS INSTALLED. (MINIMUM = 90 DAYS, MAXIMUM = 180 DAYS)

TRENCH PIPE BEDDING CONSTRUCTION DETAIL
 NOT TO SCALE



PAVEMENT MARKINGS
 NOT TO SCALE

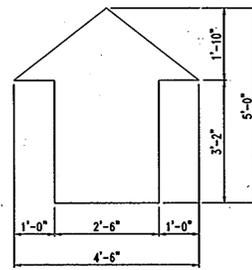


PROPORTIONS OF INTERNATIONAL SYMBOL OF ACCESSIBILITY

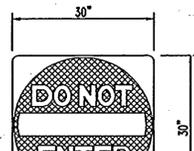


DISPLAY CONDITIONS OF INTERNATIONAL SYMBOL OF ACCESSIBILITY

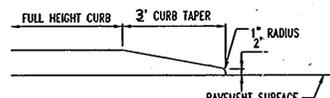
HANDICAP SYMBOL DETAIL
 NOT TO SCALE



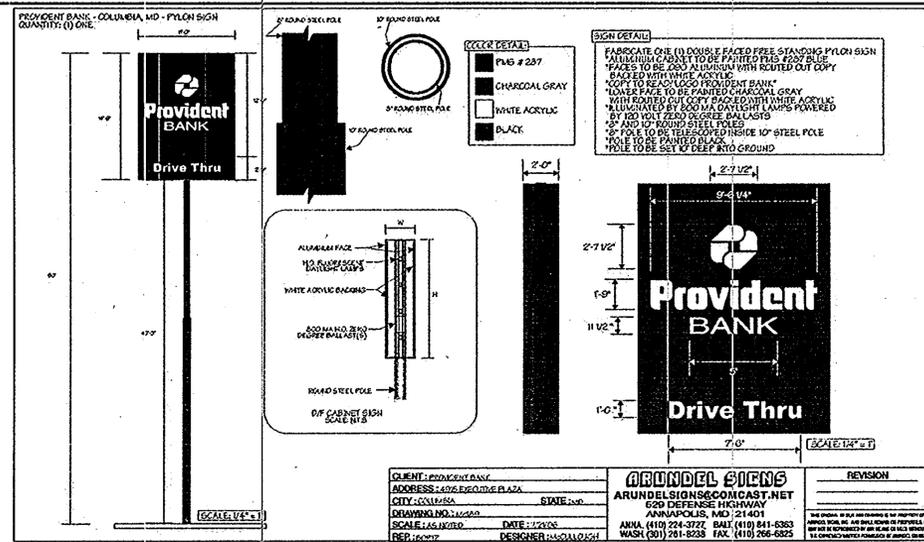
DIRECTIONAL ARROW DETAIL
 NOT TO SCALE



"DO NOT ENTER" SIGN
 NOT TO SCALE



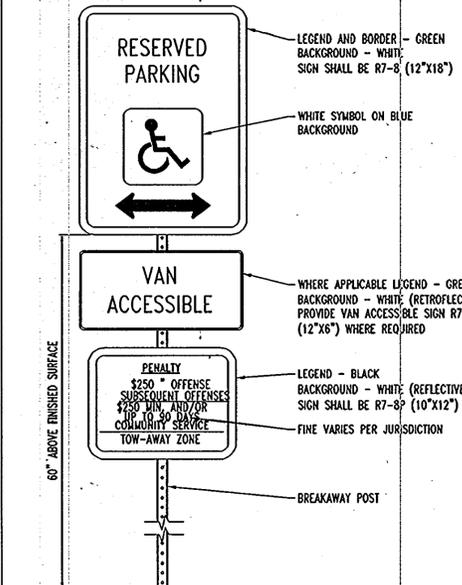
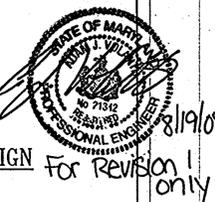
CURB TAPER DETAIL
 NOT TO SCALE



CLIENT: PROVIDENT BANK	ADDRESS: ADVANCE PLACE	CITY: COLLETSVILLE	STATE: MD
PROJECT: DRIVE THRU	DATE: 1/17/08	DESIGNER: J. VOLANTH	SCALE: AS SHOWN
ARUNDEL SIGNS		REVISION	
ARUNDEL SIGNS/COMCAST.NET		NO. 7132	
620 DEFENSE HIGHWAY		ANNAPOLIS, MD 21403	
ANNA (410) 224-3727		BAH (410) 841-6383	
WASH (201) 281-8238		FAX (410) 266-6225	

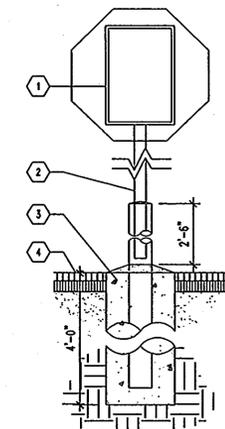


"NO PARKING ANYTIME" SIGN
 NOT TO SCALE



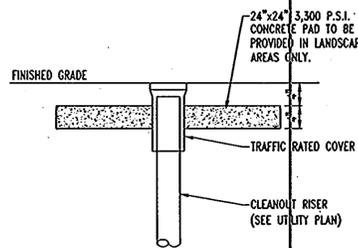
NOTE:
 1. SIGNS SHALL MEET THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 2. SIGNS ATTACHED WITH ACORN NUT TYPE FASTENERS.

HANDICAP PARKING SIGN DETAIL
 NOT TO SCALE

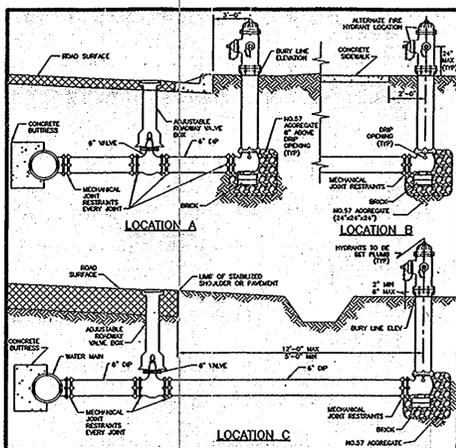


TRAFFIC DIRECTION SIGN (FREESTANDING)
 NOT TO SCALE

- KEY NOTES**
1. TRAFFIC DIRECTIONAL SIGN.
 2. 2" X 2" STEEL TUBE EXTENDED INTO CONCRETE FILLED 4" PIPE.
 3. 12" CONCRETE FOUNDATION 6" BELOW FROST LINE (4 FT. MINIMUM BELOW FIN. GRADE).
 4. FINISHED GRADE.

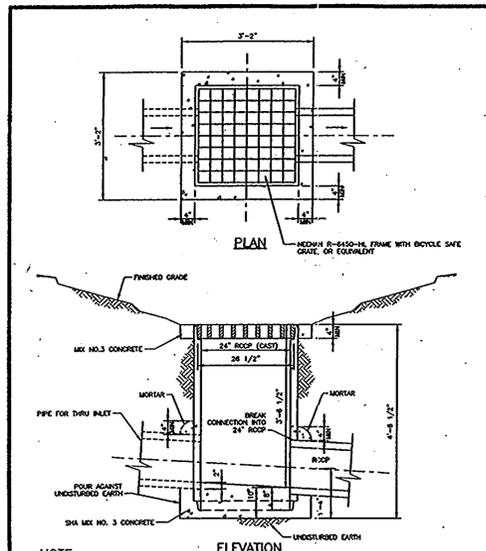


CLEANOUT DETAIL
 NOT TO SCALE



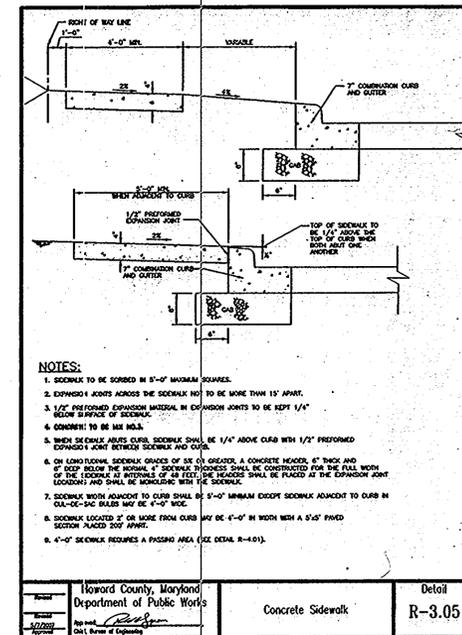
NOTES:
 1. PLACE NUMBER OF 1/2" OF 1/2" HOIST ABOVE EACH FULL BODY OF TRENCH FOR IDENTIFICATION.
 2. WHEN LOCATION "B" IS USED, PROVIDE 1/2" HOIST ABOVE EACH FULL BODY OF TRENCH FOR IDENTIFICATION. (SEE DETAIL W-1.11).
 3. ALL FIRE HYDRANTS SHALL BE RESTRAINED. (SEE DETAIL W-1.11).
 4. USE PLAN CONCRETE 3000 PSI FOR ALL CONCRETE BUTTRESSES.
 5. SEE DETAIL W-1.12 FOR GRADING AROUND FIRE HYDRANT.
 6. HOISTWAYS AND WIRE BODIES ARE TO BE INSTALLED PLUMB.
 7. KEEP DRIP GRADING CLEAR AND FREE TO DRAIN.

Howard County, Maryland Department of Public Works	FIRE HYDRANT Settings	Detail W-1.11
---	-----------------------	------------------



NOTE:
 1. MEET TO BE USED IN A SHALE OR SAND. MAX. CAPACITY UNDER 20" C.F.S. TO BE USED WITH 1" CORNER OR SHOULDER. NOT TO BE USED IN ROADWAY OR PARKING AREA.
 2. TO BE USED ONLY WHEN APPROVED BY COUNTY.

Howard County, Maryland Department of Public Works	Yard Inlet	Detail D-4.14
---	------------	------------------



Concrete Sidewalk
 Detail R-3.05

ADDRESS CHART		
LOT/PARCEL #	STREET ADDRESS	
PARCEL P-2/PARCEL 406	4915 EXECUTIVE PARK DRIVE, COLUMBIA HOWARD COUNTY, MD 21045	
PERMIT INFORMATION CHART		
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.
COLUMBIA 100 OFFICE RESEARCH PARK	SECTION 1; AREA 2	406, PARCEL P-2
PLAT RECORDATION GRID	ZONING	TAX MAP NO.
19776	B-1	30
WATER CODE	SEWER CODE	CENSUS TRACT
602	5847400	6023.02

PROFESSIONAL CERTIFICATION

I, ADAM J. VOLANTH, 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. 21342, EXPIRATION DATE: 9/14/08

APPROVED: DEPARTMENT OF PLANNING AND ZONING	DATE: 5/21/08
CHIEF DEVELOPMENT ENGINEERING DIVISION	DATE: 5/29/08
CHIEF DIVISION OF LAND DEVELOPMENT	DATE: 6/2/08

NO. 1	DATE	REVISION DESCRIPTION
02/08		REVISED PER ARCHITECTURAL

OWNERS: EXECUTIVE PARK DRIVE ASSOC., LLC
 215 SCHILLING CIRCLE SUITE 300
 HUNT VALLEY, MD 21031
 PHONE: 410-828-5000

DEVELOPER: OVERTON & ASSOCIATES
 509 BALTIMORE BLVD.
 WESTMINSTER, MD 21157
 PHONE: 410-388-1800

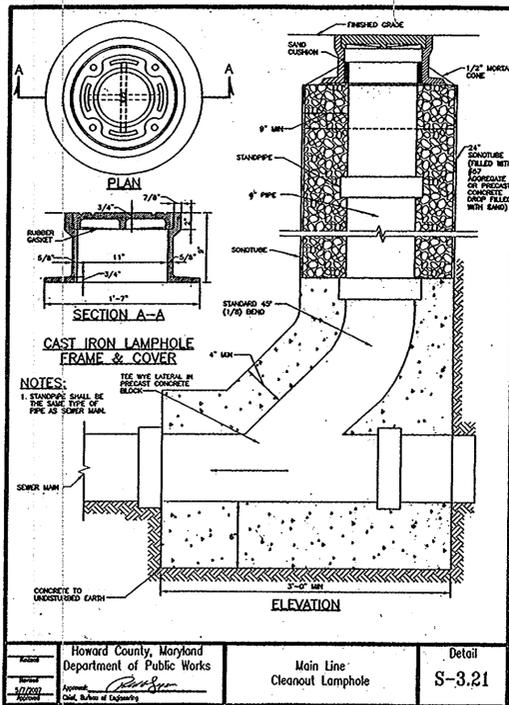
PROJECT: COLUMBIA 100 OFFICE RESEARCH PARK
 PARCEL P-2, OVERTON & ASSOCIATES/PROVIDENT BANK
 COLUMBIA, HOWARD COUNTY, MARYLAND

AREA 1.6026 AC. TAX MAP 30 GRID 12 ZONED B-1
 PARCEL 406, PARCEL P-2 L. 4262, F. 620
 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

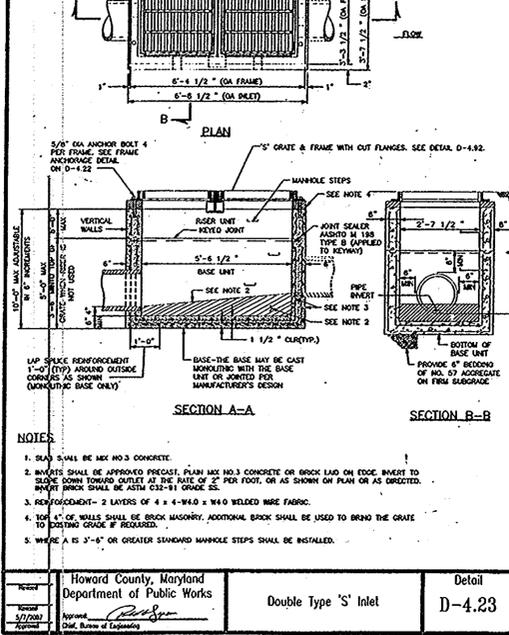
TITLE: SITE DETAILS

BOHLER ENGINEERING
 810 GLENLEAGUE COURT
 SUITE 300
 TOWSON, MARYLAND 21286
 PH: (410) 821-7900
 FX: (410) 821-7987
 www.bohlerengineering.com

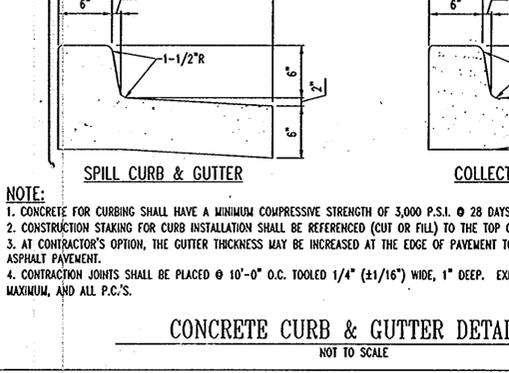
DESIGNED BY: A.G.S.
 DRAWN BY: R.F.G.
 PROJECT NO.: MD062057
 DATE: 4/17/08
 SCALE: N.T.S.
 DRAWING NO. 16 OF 22



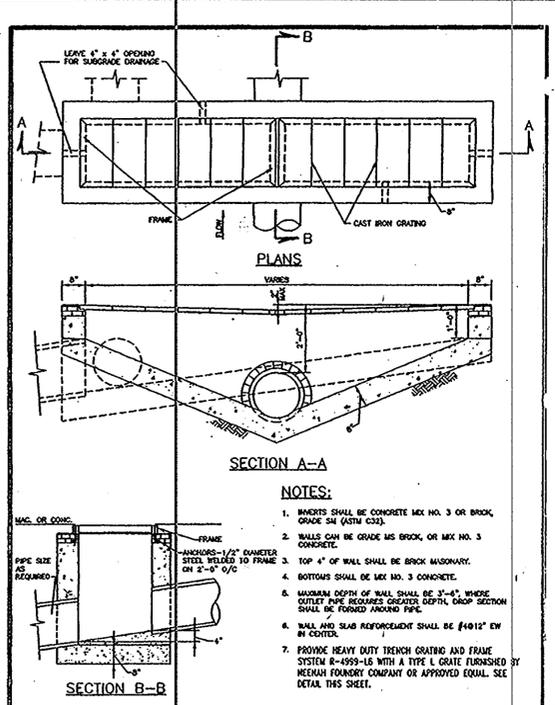
Project: Howard County, Maryland Department of Public Works	Detail: Main Line Cleanout Lamphole	Sheet: S-3.21
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



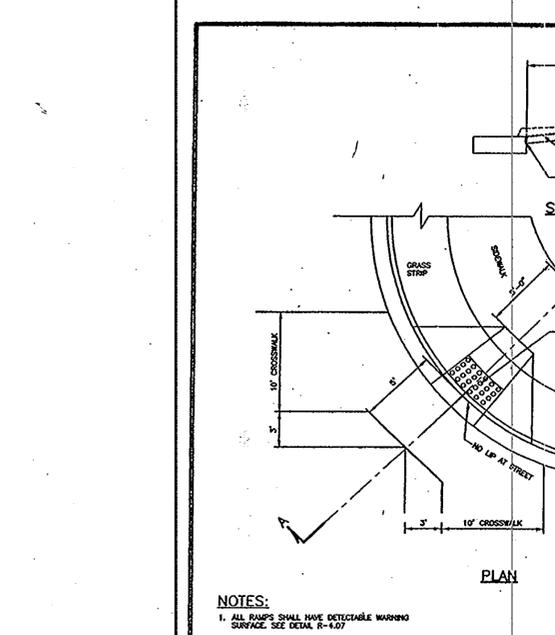
Project: Howard County, Maryland Department of Public Works	Detail: Double Type 'S' Inlet	Sheet: D-4.23
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



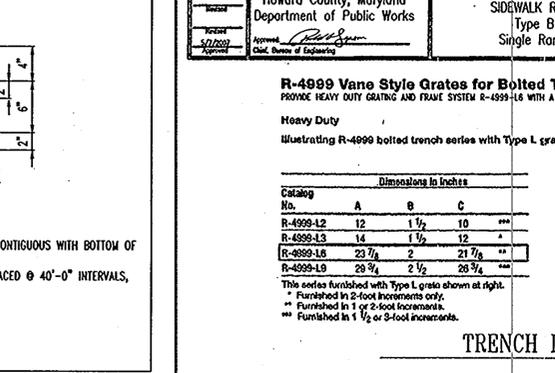
Project: Howard County, Maryland Department of Public Works	Detail: Concrete Curb & Gutter Detail	Sheet: NOT TO SCALE
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



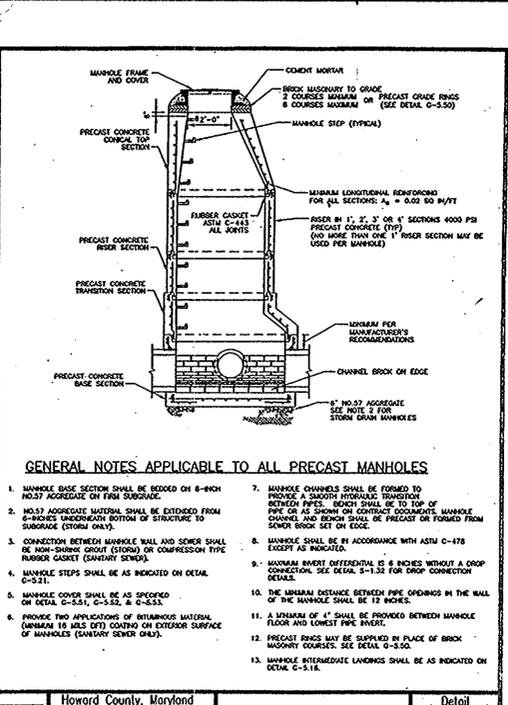
Project: Howard County, Maryland Department of Public Works	Detail: Type 'C' Inlet Trench Drain	Sheet: D-4.15
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



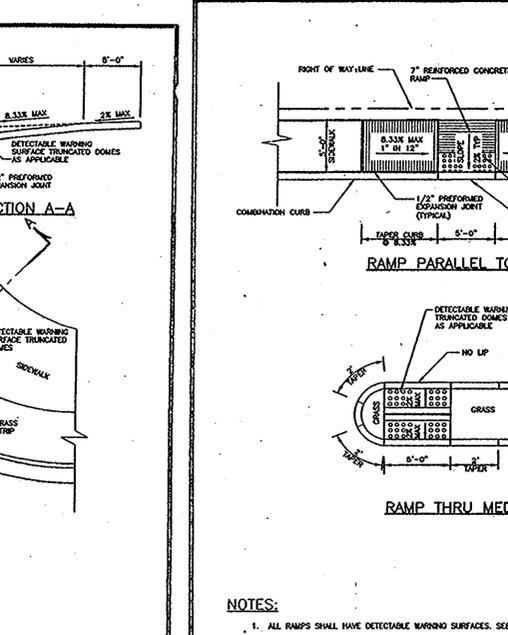
Project: Howard County, Maryland Department of Public Works	Detail: Sidewalk Ramp Type B Single Ramp	Sheet: R-4.02
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



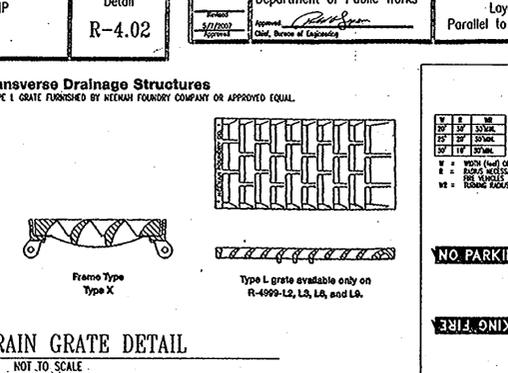
Project: Howard County, Maryland Department of Public Works	Detail: Trench Drain Grate Detail	Sheet: NOT TO SCALE
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



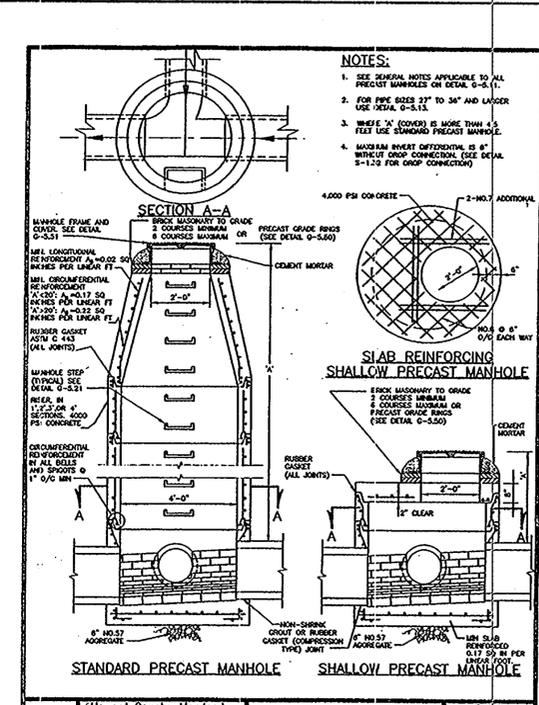
Project: Howard County, Maryland Department of Public Works	Detail: Standard Precast Manhole	Sheet: G-5.11
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



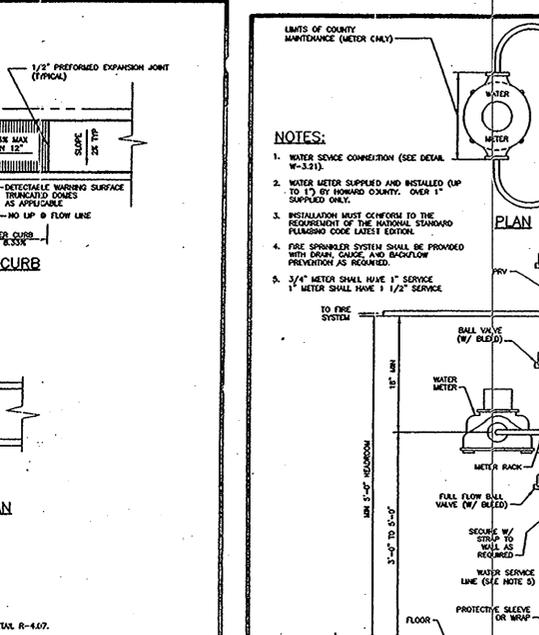
Project: Howard County, Maryland Department of Public Works	Detail: Ramp Parallel to Curb	Sheet: R-4.06
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



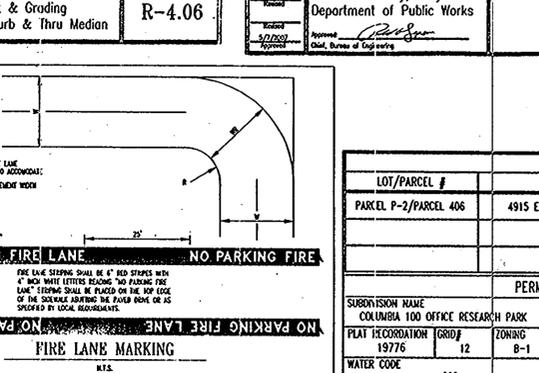
Project: Howard County, Maryland Department of Public Works	Detail: Ramp Thru Median	Sheet: R-4.06
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



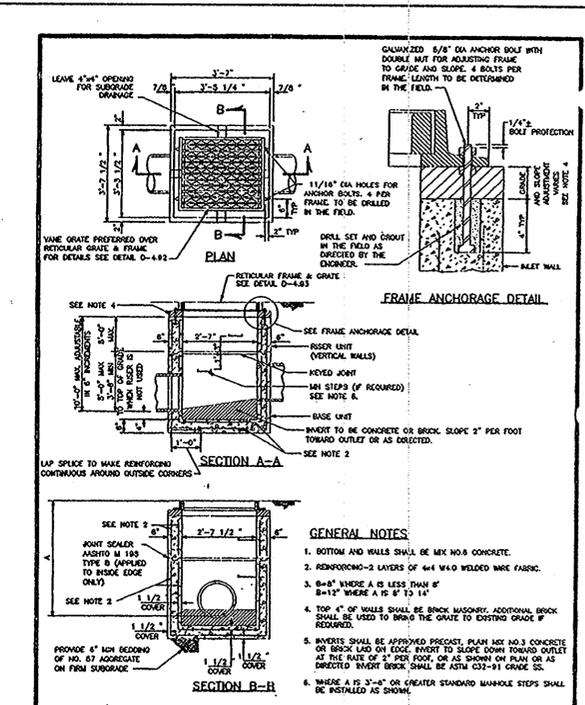
Project: Howard County, Maryland Department of Public Works	Detail: Standard Precast Manhole	Sheet: G-5.12
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



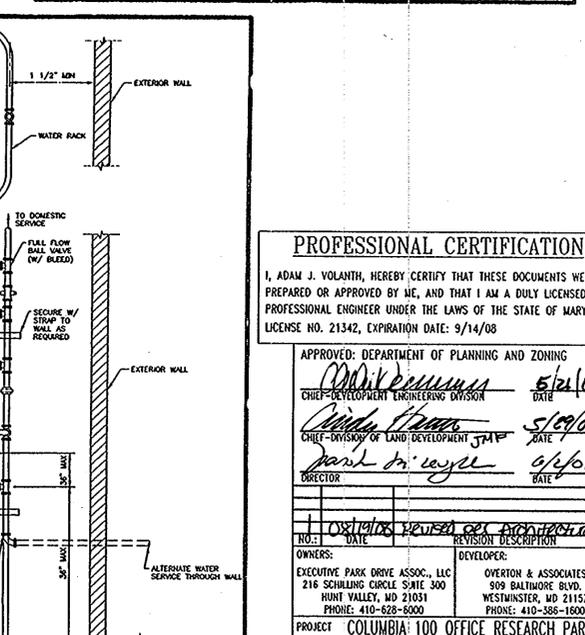
Project: Howard County, Maryland Department of Public Works	Detail: Ramp Thru Median	Sheet: R-4.06
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



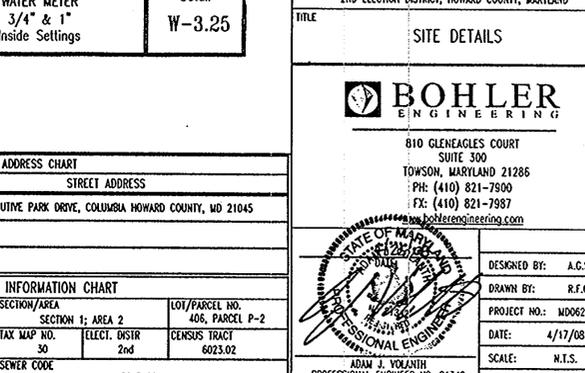
Project: Howard County, Maryland Department of Public Works	Detail: Fire Lane Marking	Sheet: R-4.06
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



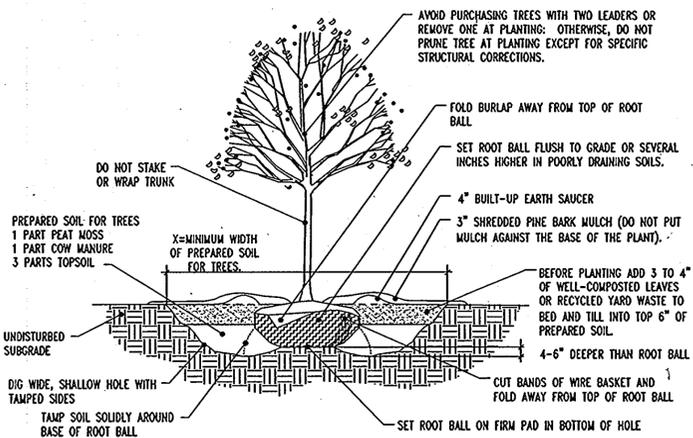
Project: Howard County, Maryland Department of Public Works	Detail: Type 'S' Inlet	Sheet: D-4.22
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



Project: Howard County, Maryland Department of Public Works	Detail: Water Meter	Sheet: W-3.25
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



Project: Howard County, Maryland Department of Public Works	Detail: Professional Certification	Sheet: W-3.25
Drawn: [Signature]	Checked: [Signature]	Approved: [Signature]



DECIDUOUS TREE PLANTING DETAIL
NOT TO SCALE

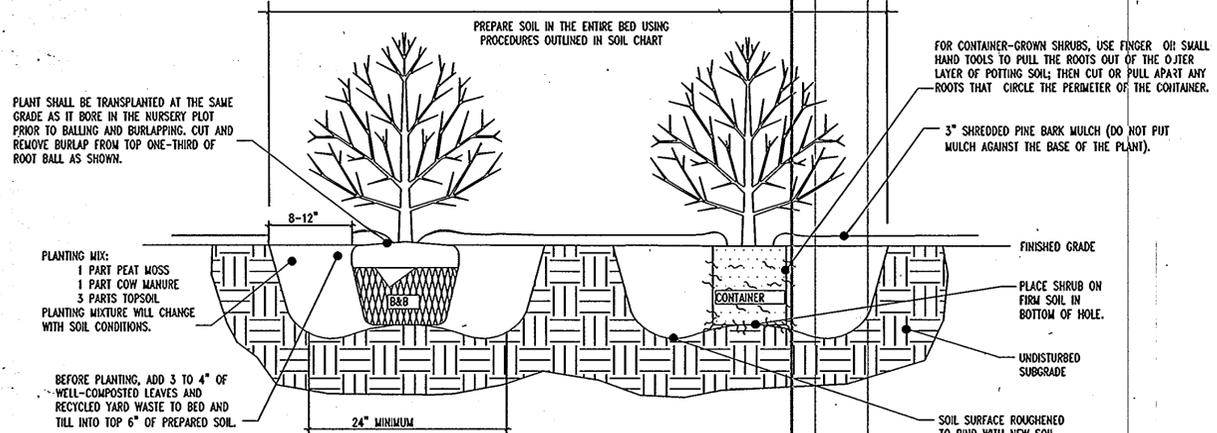
NOTES FOR DECIDUOUS AND EVERGREEN TREE PLANTINGS:

- NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT.
- REMOVE ALL ROPE FROM TRUNK & TOP OF ROOT BALL. FOLD BURLAP BACK 1/3 FROM TOP OF ROOT BALL.
- PLANTING DEPTH SHALL BE THE SAME AS GROWN IN NURSERY.
- THOROUGHLY SOAK THE TREE ROOT BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.
- THE BOTTOM OF PLANTING PIT EXCAVATIONS SHOULD BE ROUGH TO AVOID MATTING OF SOIL LAYERS AS NEW SOIL IS ADDED. IT IS PREFERABLE TO TILL THE FIRST LIFT (2 TO 3 IN.) OF PLANTING SOIL INTO THE SUBSOIL.

GENERAL RANGE OF SOIL MODIFICATIONS & VOLUMES FOR VARIOUS SOIL CONDITIONS

POST-CONSTRUCTION SOIL CONDITION	MIN./ WIDTH PREPARED SOIL FOR TREES (X)	TYPE OF PREPARATION
GOOD SOIL (NOT PREVIOUSLY GRADED OR COMPACTED, TOPSOIL LAYER INTACT)	6 FT. OR TWICE THE WIDTH OF THE ROOT BALL, WHICHEVER IS GREATER	LOOSEN THE EXISTING SOILS TO THE WIDTHS AND DEPTHS SHOWN IN DETAILS ABOVE.
COMPACTED SOIL (NOT PREVIOUSLY GRADED, TOPSOIL LAYER DISTURBED BUT NOT ELIMINATED)	15 FT.	LOOSEN THE EXISTING SOILS TO THE WIDTHS AND DEPTHS SHOWN IN DETAILS ABOVE; AND COMPOSTED ORGANIC CONTENT UP TO 5% DRY WEIGHT.
GRADED SUBSOILS AND CLEAN FILLS WITH CLAY CONTENT BETWEEN 5 & 35%	20 FT.	MINIMUM TREATMENT: LOOSEN EXISTING SOIL TO WIDTHS AND DEPTHS SHOWN, ADD COMPOSTED ORGANIC MATTER TO BRING ORGANIC CONTENT UP TO 5% DRY WEIGHT. OPTIMUM TREATMENT: REMOVE TOP 8-10 IN. OR THE EXISTING SOILS TO THE WIDTHS AND DEPTHS SHOWN, ADD 8-10 IN. OF LOAM TOPSOIL.
POOR QUALITY FILLS, HEAVY CLAY SOILS, SOILS CONTAMINATED WITH RUBBLE OR TOXIC MATERIAL	20 FT.	REMOVE EXISTING SOILS TO THE WIDTHS AND DEPTHS CONTAMINATED WITH RUBBLE OR TOXIC MATERIAL

REFERENCE: ARCHITECTURAL GRAPHIC STANDARDS 1998 CUMULATIVE SUPPLEMENT.



DECIDUOUS AND EVERGREEN SHRUB PLANTING DETAIL
NOT TO SCALE

PLANTING NOTES:

- PLANT MATERIAL SHALL BE FURNISHED AND INSTALLED AS INDICATED, INCLUDING ALL LABOR, MATERIALS, PLANTS, EQUIPMENT, INCIDENTALS, AND CLEAN-UP.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLANTING AT CORRECT GRADES AND ALIGNMENT. LAYOUT TO BE APPROVED BY OWNERS REPRESENTATIVE PRIOR TO INSTALLATION.
- PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY; HAVE NORMAL GROWTH HABITS; WELL DEVELOPED BRANCHES; DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE FROM DEFECTS AND INJURIES.
- CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL.
- ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN VIGOROUS GROWING CONDITION. PROVISION SHALL BE MADE FOR A GROWTH GUARANTEE OF AT LEAST ONE YEAR FROM THE DATE OF ACCEPTANCE FOR TREES AND SHRUBS. REPLACEMENTS SHALL BE MADE AT THE BEGINNING OF THE FIRST SUCCEEDING PLANTING SEASON. ALL REPLACEMENTS SHALL HAVE A GUARANTEE EQUAL TO THAT STATED ABOVE.
- INsofar as it is practicable, plant material shall be planted on the day of delivery. IN THE EVENT THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL PROTECT STOCK NOT PLANTED. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY. ANY PLANTS NOT INSTALLED DURING THIS PERIOD WILL BE REJECTED.
- QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH ANSI Z60.1 (REV. 2001) "AMERICAN STANDARD FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
- ALL PLANTS SHALL BE PLANTED IN AMENDED TOPSOIL THAT IS THOROUGHLY WATERED AND TAMPED AS BACK FILLING PROGRESSES. PLANTING MIX TO BE AS SHOWN ON PLANTING DETAILS. LARGE PLANTING AREAS TO INCORPORATE FERTILIZER AND SOIL CONDITIONERS AS STATED IN PLANTING SPECIFICATIONS.
- PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES. PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE BALL ONLY.
- PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE. PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MUDDY OR FROZEN CONDITION. ALL PLANT MATERIAL SHALL BE SPRAYED WITH "WILT-FRUF" OR EQUAL AS PER MANUFACTURER'S INSTRUCTIONS.
- NO PLANT, EXCEPT GROUND COVERS, SHALL BE PLANTED LESS THAN TWO FEET FROM EXISTING STRUCTURES AND SIDEWALKS.
- SET ALL PLANTS PLUMB AND STRAIGHT. SET AT SUCH LEVEL THAT A NORMAL OR NATURAL RELATIONSHIP TO THE CROWN OF THE PLANT WITH THE GROUND SURFACE WILL BE ESTABLISHED. LOCATE PLANT IN THE CENTER OF THE PIT.
- ALL INJURED ROOTS SHALL BE PRUNED TO MAKE CLEAN ENDS BEFORE PLANTING UTILIZING CLEAN, SHARP TOOLS. IT IS ADVISABLE TO PRUNE APPROXIMATELY 1/3 OF THE GROWTH OF LARGE TREES (2" CALIPER AND OVER) BY THE REMOVAL OF SUPERFLUOUS BRANCHES, THOSE WHICH CROSS THOSE WHICH RUN PARALLEL. ETC. MAIN LEADER OF TREES WILL NOT BE CUT BACK. LONG SIDE BRANCHES, HOWEVER, MUST BE SHORTENED.
- EACH TREE AND SHRUB SHALL BE PRUNED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICE TO PRESERVE NATURAL CHARACTER OF PLANT. PRUNING SHALL BE DONE WITH CLEAN, SHARP TOOLS. ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES AS A RESULT OF CONSTRUCTION OPERATIONS.
- ALL EXISTING TREES SHALL BE FERTILIZED WITH A REGULAR GARDEN FERTILIZER (5-10-5) UPON COMPLETION OF WORK. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE CUT OFF AT THE TRUNK. CONTRACTOR TO ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT. ANY EXPOSED ROOTS SHALL BE CUT BACK WITH SHARP TOOLS AND FILLED AROUND WITH TOPSOIL. COMPLETELY SATURATE THESE AREAS WITH WATER. ROOTS SHALL NOT BE LEFT EXPOSED FOR MORE THAN ONE (1) DAY. CONTRACTOR IS TO PROTECT ALL EXISTING TREES BY ERECTING TREE PROTECTION FENCE AT THE DRIP LINE. THIS WILL ENSURE NO COMPACTION OF THE ROOT MASS.
- ALL PLANTING BEDS SHALL BE MULCHED WITH 3" LAYER OF DOUBLE SHREDDED HARDWOOD BARK MULCH.
- NEW PLANTING AREAS AND SOD SHALL BE ADEQUATELY IRRIGATED OR WATERED TO ESTABLISH THE PROPOSED PLANTS AND LAWN.
- PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE AS SHOWN ON THE APPROVED LANDSCAPE PLAN MUST BE INSTALLED, INSPECTED AND APPROVED BY THE HOWARD COUNTY LANDSCAPE ARCHITECT. THE HOWARD COUNTY ENGINEER AND LANDSCAPE ARCHITECT SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS:
 - THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER AS REQUIRED BY OR ASSOCIATED WITH A SUBDIVISION OR SITE PLAN APPROVAL BY THE PLANNING BOARD OR ZONING BOARD OF ADJUSTMENT SHALL BE INSTALLED DURING THE FOLLOWING PLANTING SEASONS:

TYPE	DATES
PLANTS	3/15 TO 12/15
LAWN	3/15 TO 6/15
	9/15 TO 12/1

FURTHERMORE, THE FOLLOWING TREE VARIETIES SHALL NOT BE PLANTED DURING THE FALL PLANTING SEASON DUE TO THE HAZARD ASSOCIATED WITH PLANTING THESE TREES IN THIS SEASON.

TYPE	DATES
ACER RUBRUM	3/15 TO 12/15
BETULA VARIETIES	3/15 TO 6/15
CARPINUS VARIETIES	9/15 TO 12/1
CRATEGUS VARIETIES	
KOELREUTERIA	
LIQUID AMBER STYRACIFLUA	
LIRIODENDRON TULIPIFERA	
PLATANUS ACERIFOLIA	
POPULUS VARIETIES	
PRINUS VARIETIES	
PYRUS VARIETIES	
QUERCUS VARIETIES	
SALIX WEEPING VARIETIES	
TILIA TOMENTOSA	
ZELKOVA VARIETIES	

- ANY PLANTINGS INSTALLED IN CONFLICT WITH THIS REQUIREMENT MUST RECEIVE THE WRITTEN APPROVAL OF THE HOWARD COUNTY ENGINEER OR LANDSCAPE ARCHITECT, PRIOR TO PLANTING. FAILURE TO COMPLY WITH THESE REQUIREMENTS WILL REQUIRE THE REMOVAL OF THE PLANTING IN QUESTION. THIS REQUIREMENT DOES NOT APPLY TO SEEDING OR SODDING OR PLANTINGS SPECIFICALLY FOR SOIL STABILIZATION PURPOSES. THE PLANTING ASSOCIATED WITH ANY LOT GIVEN A CERTIFICATE OF OCCUPANCY OUTSIDE THESE PERIODS SHALL BE PROVIDED DURING THE PREVIOUS OR NEXT APPROPRIATE SEASON.
- ALL DISTURBED AREAS TO BE TREATED WITH 4" TOPSOIL & SEEDED IN ACCORDANCE WITH PERMANENT STABILIZATION METHODS INDICATED WITHIN THE SOIL EROSION AND SEDIMENT CONTROL NOTES.
- THE CONTRACTOR IS TO PROVIDE AN IRRIGATION DESIGN FOR BOTH LAWN AND BED AREAS. DESIGN IS TO BE SUBMITTED TO THE PROJECT LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR IS TO VERIFY STATIC PRESSURE PRIOR TO DESIGN. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ANY PRESSURE REDUCING DEVICES REQUIRED TO MEET MAXIMUM PRESSURE REQUIREMENT. SYSTEM DESIGN TO SHOW ALL VALVES, PIPING, HEADS, BACK FLOW PREVENTION, METERS AND CONTROLLERS. ALL SLEEVES IN PAVEMENT AREAS MUST BE SHOWN.

PLANTING SPECIFICATIONS:

- SCOPE OF WORK
 - THIS WORK SHALL CONSIST OF PERFORMING, CLEARING AND SOIL PREPARATION, FINISH GRADING, PLANTING AND DRAINAGE, INCLUDING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT.
- MATERIALS
 - GENERAL - ALL MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATION (D.O.T.) MANUAL OF ROADWAY AND BRIDGE CONSTRUCTION (LATEST EDITION) OR APPROVED EQUAL.
 - PLANTS - ALL PLANTS SHALL BE HEALTHY OR NORMAL GROWTH, WELL ROOTED, FREE FROM DISEASE AND INSECTS.
 - TOPSOIL - LOAMY SILT, HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, pH RANGE BETWEEN 4.5 - 7, BE FREE OF DEBRIS, ROCKS LARGER THAN TWO INCHES (2"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLOGS.
 - MULCH - DOUBLE SHREDDED HARDWOOD BARK MULCH.
- FERTILIZER AND SOIL CONDITIONER - PLANTED AREAS
 - ORGANIC FERTILIZER - SHALL BE PROCESSED SEWER SLUDGE WITH MINIMAL CONTENT OF 1% NITROGEN AND 2% PHOSPHORIC ACID, EQUAL TO "NITROHUMUS".
 - ORGANIC FERTILIZER AND SOIL CONDITIONER - SHALL BE "GRO-POWER" AND ORGANIC BASE MATERIALS COMPRISED OF DECOMPOSED ANIMAL AND VEGETABLE MATTER AND COMPOSTED TO SUPPORT BACTERIAL CULTURES, CONTAINING NO POULTRY OR HUMAN WASTE. GUARANTEED ANALYSIS (5-3-1); NITROGEN 5%, PHOSPHATE 3%, POTASH 1%, 50% HUMUS AND 15% HUMIC ACIDS.
- GENERAL WORK PROCEDURES
 - LANDSCAPE WORK SHALL COMMENCE AS SOON AS THOSE PORTIONS OF THE SITE ARE AVAILABLE. CONTRACTOR TO UTILIZE WORKMANLIKE STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH DAYS WORK. ALL DEBRIS, MATERIALS, AND TOOLS SHALL BE PROPERLY STOCKPILED OR DISPOSED OF. ALL PAVED SURFACES SHALL BE SWEEPED CLEAN AT THE END OF EACH DAYS WORK.
- WEEDING
 - BEFORE AND DURING PRELIMINARY GRADING AND FINISH GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE.
- TOPSOILING
 - CONTRACTOR TO PROVIDE FOUR INCHES (4") MINIMUM THICK TOPSOIL LAYER IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO PRODUCE A FOUR INCH (4") COMPACTED THICKNESS. TOPSOIL PRESENT AT THE SITE, IF ANY, MAY BE USED TO SUPPLEMENT TOTAL AMOUNT REQUIRED. CONTRACTOR TO FURNISH AN ANALYSIS OF ON-SITE TOPSOIL UTILIZED IN ALL PLANTING AREAS. ADJUST pH AND NUTRIENT LEVELS AS REQUIRED TO ENSURE AN ACCEPTABLE GROWING MEDIUM.
- SOIL CONDITIONING
 - CULTIVATE ALL AREAS TO BE PLANTED TO A DEPTH OF 6". ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE. SPREAD EVENLY IN ALL PLANTING AREAS AND TILL (2 DIRECTIONS) INTO TOP 4" WITH THE FOLLOWING PER 1,000 SQ. FT.:
 - 20 POUNDS "GRO-POWER"
 - 100 POUNDS AGRICULTURAL GYPSUM
 - 20 POUNDS NITROFORM (COURSE) 38-0-0 BLUE CHIP
 - SOIL MODIFICATIONS: THOROUGHLY TILL ORGANIC MATTER INTO THE TOP 6 TO 12 IN. OF MOST PLANTING SOILS TO IMPROVE THE SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS. USE COMPOSTED BARK, RECYCLED YARD WASTE OR PEAT MOSS. ALL PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE FREE OF PIECES WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID MATERIAL WITH A pH HIGHER THAN 7.5.
 - MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE BARK (UP TO 30% BY VOLUME) AND/OR GYPSUM. COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN 60% OF THE TOTAL MIX. IMPROVE DRAINAGE IN HEAVY SOILS BY PLANTING ON RAISED MOUNDS OR BEDS AND INCLUDING SUBSURFACE DRAINAGE LINES.
 - MODIFY EXTREMELY SANDY SOILS (MORE THAN 85% SAND) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL MIX.
- PLANTING POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
 - PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL. THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACK FILLED WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY:
 - 1 PART PEAT MOSS
 - 1 PART COW MANURE BY VOLUME
 - 3 PARTS TOPSOIL BY VOLUME
 - 21 GRAM "AGRIFORM" PLANTING TABLETS AS FOLLOWS:
 - 2 TABLETS PER 1 GAL. PLANT
 - 3 TABLETS PER 5 GAL. PLANT
 - 4 TABLETS PER 15 GAL. PLANT
 - LARGER PLANTS (2) TWO TABLETS PER 1/2" DIAM. OF TRUNK CALIPER



PROFESSIONAL CERTIFICATION

I, ADAM J. VOLANITH, 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. 21342, EXPIRATION DATE: 9/14/08

APPROVED BY:	DATE:
<i>Adam J. Volanith</i>	5/21/08
<i>Chris Hagan</i>	5/29/08
<i>Michael A. Woyza</i>	6/1/08

NO.	DATE	REVISION DESCRIPTION
1		ISSUANCE PERMITS FOR ARCHITECTURAL

OWNERS:	DESIGNER:
EXECUTIVE PARK DRIVE ASSOC., LLC 216 SCHILLING CIRCLE SUITE 300 HUNT VALLEY, MD 21051 PHONE: 410-628-8000	OVERTON & ASSOCIATES 919 BALTIMORE BLVD. WESTMINSTER, MD 21157 PHONE: 410-388-1600

PROJECT:	AREA:
COLUMBIA 100 OFFICE RESEARCH PARK PARCEL P-2, OVERTON & ASSOCIATES/PROVIDENT BANK 4915 EXECUTIVE PARK DRIVE COLUMBIA, HOWARD COUNTY, MARYLAND	1.6026 AC. TAX MAP 30 GRID 12 ZONED B-1 PARCEL 406, PARCEL P-2 L. 4262, F. 620 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

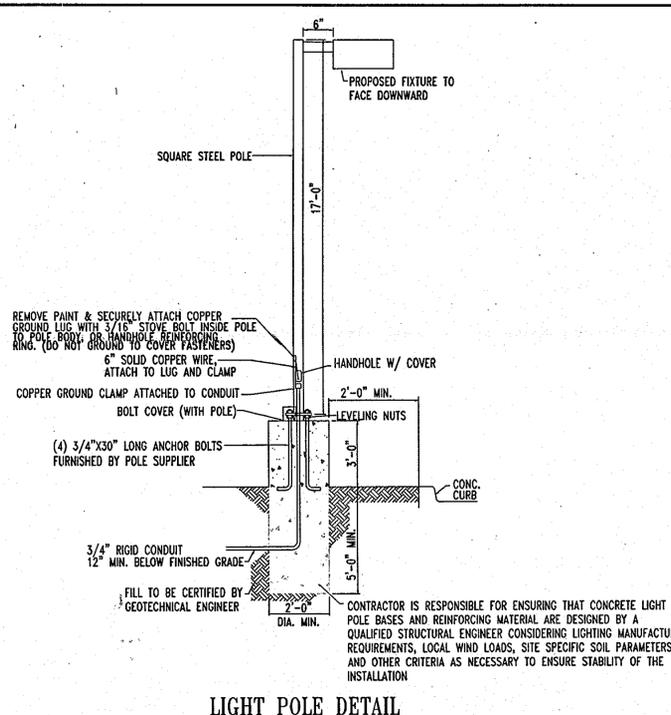
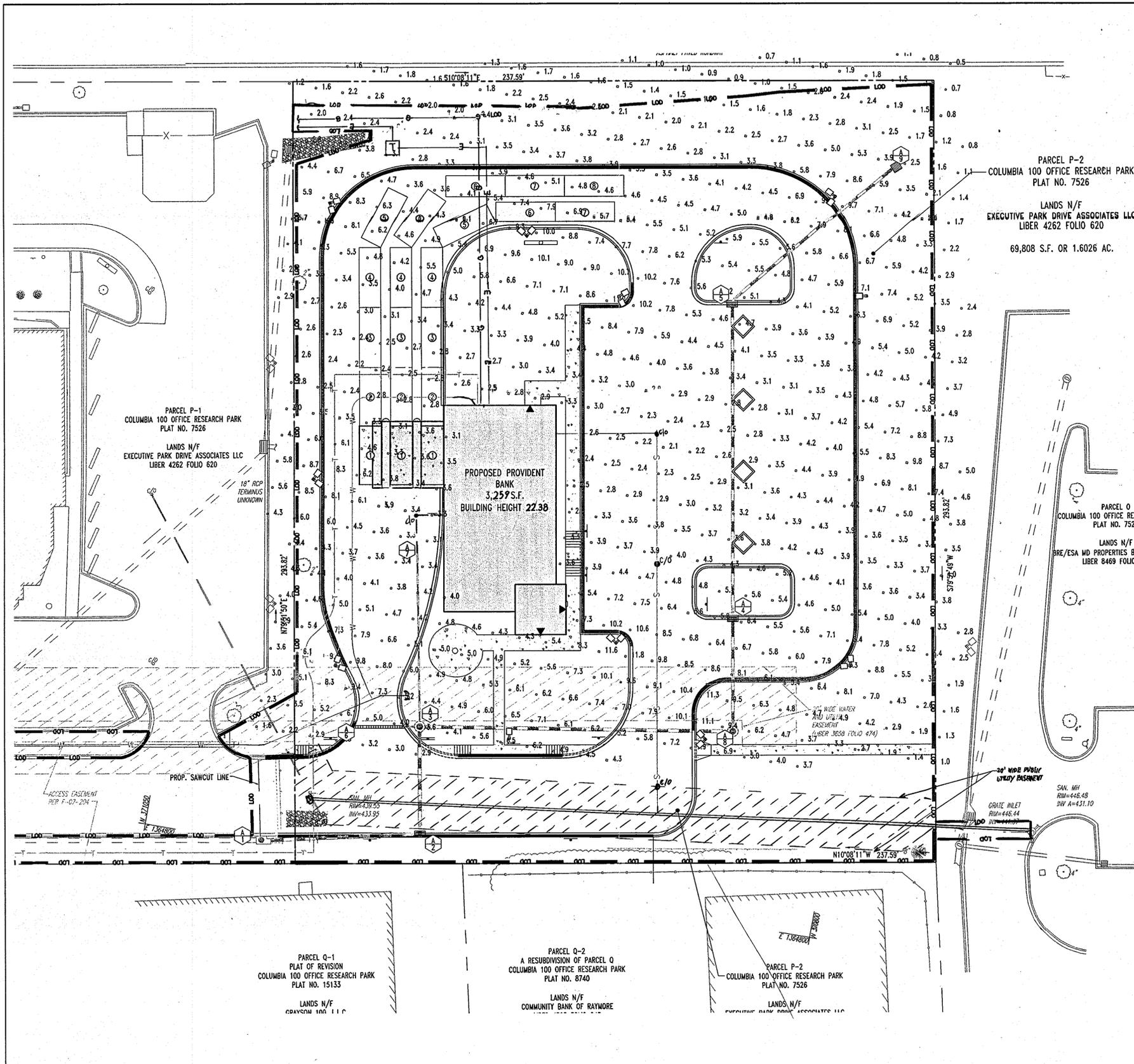


810 GLENLEAGLES COURT
SUITE 300
TOWNSHIP, MARYLAND 21286
PH: (410) 821-7900
FX: (410) 821-7987
www.bohlerengineering.com

SUBDIVISION NAME:	SECTION/AREA:	LOT/PARCEL NO.:
COLUMBIA 100 OFFICE RESEARCH PARK	SECTION 1: AREA 2	406, PARCEL P-2

DATE:	SCALE:
4/17/08	N.T.S.

SPP08.24



LIGHTING SCHEDULE

FIXTURE	PROP. #	MOUNTING HEIGHT	DESCRIPTION
	22	20'	WIDE-LITE 400W MODEL #1A-VLA25W3-400MH240-DB-P

LITHONIA LIGHTING

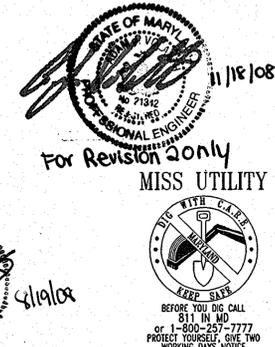
FEATURES & SPECIFICATIONS

CONTOUR Soft Square Cutoff Lighting

KAD METAL HALIDE 70W-400W HIGH PRESSURE SODIUM 70W-400W

OBSEVING INFORMATION

Series	Wattage	Mounting	Options
KAD	100	120	120
KAD	150	150	150
KAD	200	200	200
KAD	250	250	250
KAD	300	300	300
KAD	350	350	350
KAD	400	400	400



PROFESSIONAL CERTIFICATION

I, ADAM J. VOLANT, 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. 21342, EXPIRATION DATE: 9/14/08

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Adam J. Volant 5/21/08
 CHIEF-DEVELOPMENT ENGINEERING DIVISION DATE

Chris Hart 5/16/08
 CHIEF-DIVISION OF LAND DEVELOPMENT DATE

Marsha M. Lytle 6/1/08
 DIRECTOR DATE

OWNERS: EXECUTIVE PARK DRIVE ASSOC., LLC
 216 SCHILLING CIRCLE SUITE 300
 HUNT VALLEY, MD 21031
 PHONE: 410-628-6000

DEVELOPER: OVERTON & ASSOCIATES
 909 BALTIMORE BLVD.
 WESTMINSTER, MD 21157
 PHONE: 410-385-1600

PROJECT: COLUMBIA 100 OFFICE RESEARCH PARK
 PARCEL P-2, OVERTON & ASSOCIATES/PROVIDENT BANK
 615 EXECUTIVE PARK DRIVE
 COLUMBIA, HOWARD COUNTY, MARYLAND

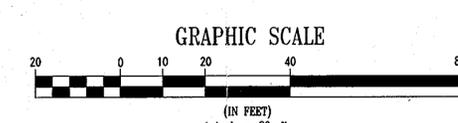
AREA 1.6026 AC. TAX MAP 30 GRID 12 ZONED B-1
 PARCEL 406, PARCEL P-2 L 4262, F 620
 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE: LIGHTING PLAN



810 GLENEAGLES COURT
 SUITE 300
 TOWSON, MARYLAND 21286
 PH: (410) 821-7900
 FX: (410) 821-7987
 www.bohlerengineering.com

DESIGNED BY: A.G.S.
 DRAWN BY: R.F.G.
 PROJECT NO.: MD062057
 DATE: 4/17/08
 SCALE: 1"=20'
 DRAWING NO. 20 OF 22



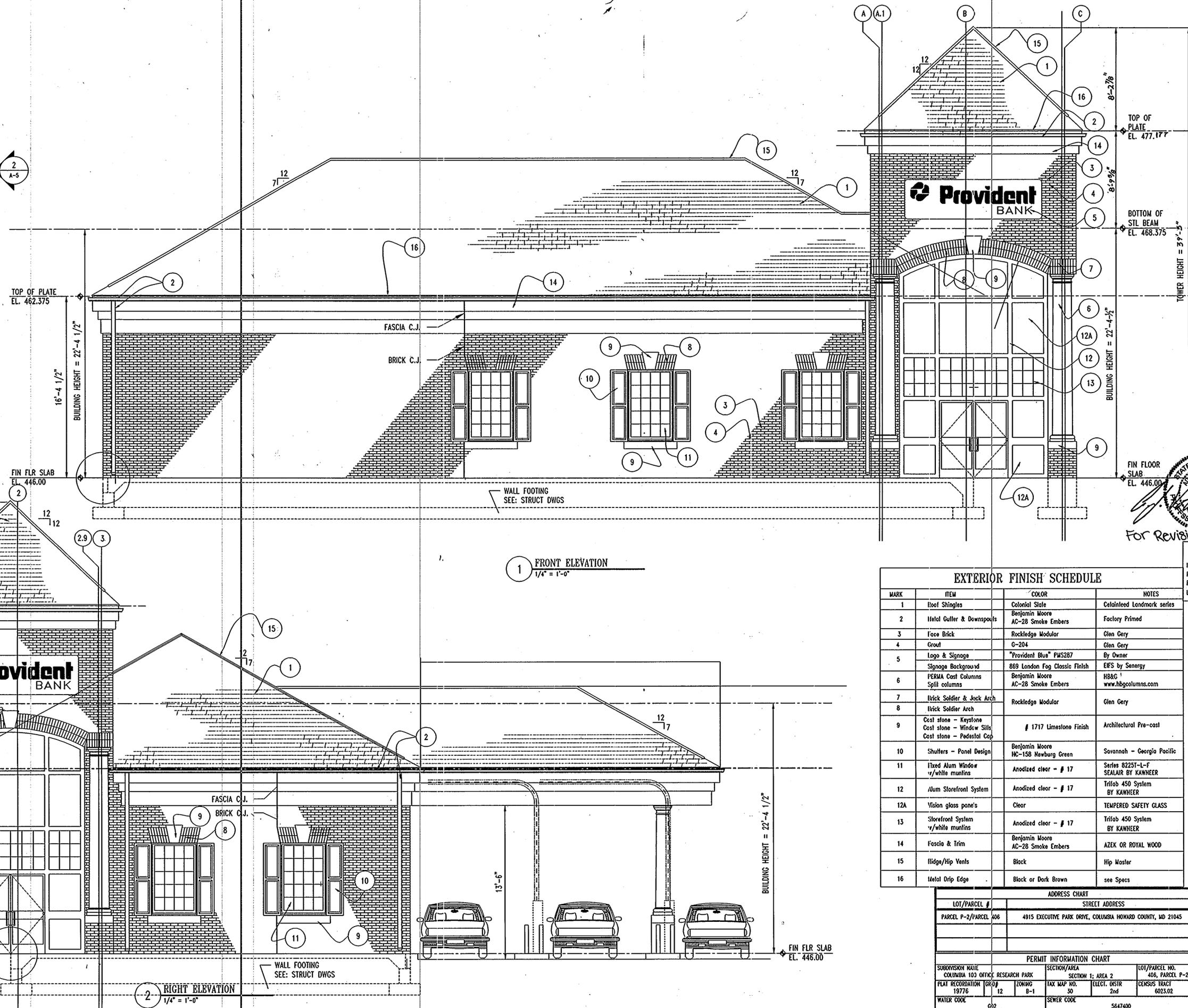
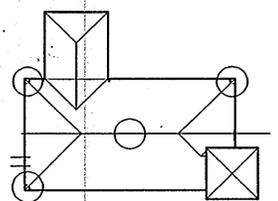
ADDRESS CHART

LOT/PARCEL #	STREET ADDRESS
PARCEL P-2/PARCEL 406	4915 EXECUTIVE PARK DRIVE, COLUMBIA HOWARD COUNTY, MD 21045

PERMIT INFORMATION CHART

SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.
COLUMBIA 100 OFFICE RESEARCH PARK	SECTION 1; AREA 2	406, PARCEL P-2
PLAT RECORDATION GRID#	ZONING	TAX MAP NO.
19776	B-1	30
WATER CODE	SEWER CODE	CENSUS TRACT
602	5647400	6023.02

SDP.08.24



MARK	ITEM	COLOR	NOTES
1	Roof Shingles	Colonial Slate	Cetainleed Landmark series
2	Metal Gutter & Downspouts	Benjamin Moore AC-28 Smoke Embers	Factory Primed
3	Face Brick	Rockledge Modular	Glan Cery
4	Grout	C-204	Glan Cery
5	Logo & Signage	"Provident Blue" PMS287	By Owner
6	Signage Background	869 London Fog Classic Finish	EIFS by Sanergy
7	PERMA Cast Columns	Benjamin Moore AC-28 Smoke Embers	HB&G www.hbgcolumns.com
8	Brick Soldier & Jack Arch	Rockledge Modular	Glan Cery
9	Cast stone - Keystone Cast stone - Window Sills Cast stone - Pedestal Cap	# 1717 Limestone Finish	Architectural Pre-cast
10	Shutters - Panel Design	Benjamin Moore HC-158 Newburg Green	Savannah - Georgia Pacific
11	Fixed Alum Window w/white muntins	Anodized clear - # 17	Series 8225T-L-F SEALAR BY KAWNEER
12	Alum Storefront System	Anodized clear - # 17	Triob 450 System BY KAWNEER
12A	Vision glass pane's	Clear	TEMPERED SAFETY GLASS
13	Storefront System w/white muntins	Anodized clear - # 17	Triob 450 System BY KAWNEER
14	Fascia & Trim	Benjamin Moore AC-28 Smoke Embers	AZEK OR ROYAL WOOD
15	Ridge/Hip Vents	Black	Hip Master
16	Metal Drip Edge	Black or Dark Brown	see Specs

PROFESSIONAL CERTIFICATION
 I, ADAM J. VOLANTH, 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. 21342, EXPIRATION DATE: 9/14/08

APPROVED, DEPARTMENT OF PLANNING AND ZONING
 CHIEF DEVELOPMENT ENGINEERING DIVISION
 HUNT VALLEY, MD 21031
 PHONE: 410-628-6000

PROJECT: COLUMBIA 100 OFFICE RESEARCH PARK
 PARCEL P-2, OVERTON & ASSOCIATES/PROVIDENT BANK
 4915 EXECUTIVE PARK DRIVE
 COLUMBIA, HOWARD COUNTY, MARYLAND

ARCHITECTURAL ELEVATIONS

BOHLER ENGINEERING
 810 GLENAGES COURT
 SUITE 300
 TOWSON, MARYLAND 21286
 PH: (410) 821-7900
 FX: (410) 821-7987
 www.bohlerengineering.com

DESIGNED BY: A.C.S.
 DRAWN BY: R.F.G.
 PROJECT NO.: MD062057
 DATE: 4/17/08
 SCALE: N.T.S.
 DRAWING NO. 22 OF 22

MISS UTILITY
 BEFORE YOU DIG CALL
 811 OR MD
 OR 1-800-257-7777
 PROTECT YOURSELF, GIVE TWO
 WORKING DAYS NOTICE.
 THIS DRAWING DOES NOT INCLUDE NECESSARY
 COMPONENTS FOR CONSTRUCTION SAFETY. ALL
 CONSTRUCTION MUST BE DONE IN
 COMPLIANCE WITH THE OCCUPATIONAL SAFETY
 AND HEALTH ACT OF 1970 AND ALL RULES
 AND REGULATIONS THEREOF APPROPRIATE.
 THE CONTRACTOR TO CALL MISS UTILITY TO
 HAVE ALL EXISTING UTILITIES MARKED 48
 HOURS PRIOR TO ANY CONSTRUCTION.

For Revision 1 Only

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
PARCEL P-2/PARCEL 406	4915 EXECUTIVE PARK DRIVE, COLUMBIA HOWARD COUNTY, MD 21045

PERMIT INFORMATION CHART			
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.	
COLUMBIA 100 OFFICE RESEARCH PARK	SECTION 1; AREA 2	406, PARCEL P-2	
PLAT RECORDATION NO. 19776	ZONING B-1	TAX MAP NO. 30	ELECT. DISTR 2nd
			CENSUS TRACT 6023.02
WATER CODE 002	SEWER CODE	5647400	

SDP 0824

MDC Overtone & Associates, MD06 2057 - Provident Bank, Rt. 100 & Executive Park Dr, Columbia, MD 21046
 MDC Overtone & Associates, MD06 2057 - Provident Bank, Rt. 100 & Executive Park Dr, Columbia, MD 21046
 MDC Overtone & Associates, MD06 2057 - Provident Bank, Rt. 100 & Executive Park Dr, Columbia, MD 21046