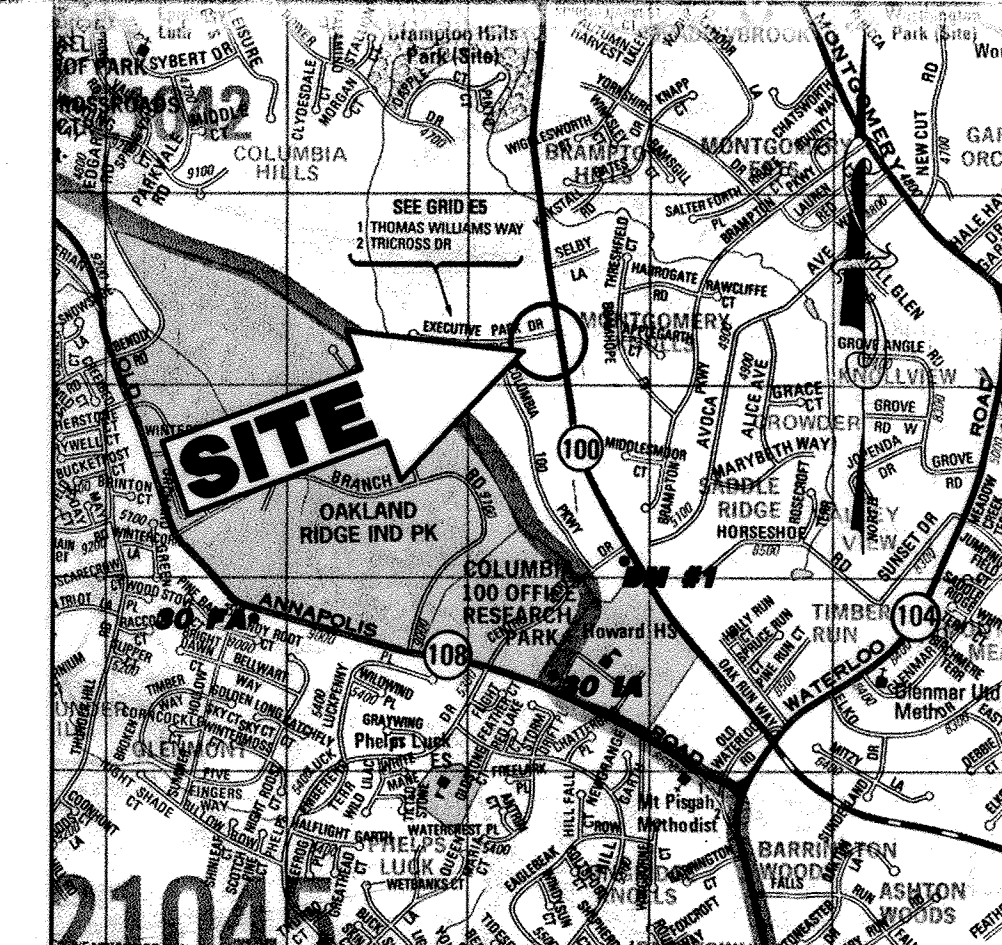




PROPOSED IMPROVEMENTS

STATE ROUTE 100 & EXECUTIVE PARK DRIVE COLUMBIA

HOWARD COUNTY, MARYLAND



LOCATION MAP
COPYRIGHT ADC THE MAP PEOPLE
PERMIT USE NO. 20694276
SCALE: 1"=2000'

Project No. S99233
Cad ID # S9233SC3
Drawn By: D.G.D.
Checked By: B.M.P.

97-120
5200 Buffington Road
Atlanta, Georgia 30349 2998
Telephone 404 765 8000



FOR 8TH REVISION ONLY

ANDREW G. STINE
PROFESSIONAL ENGINEER
LICENSE NO. 71561

Site Analysis Data	Ground Floor Area (SF)	Parking Spaces Required (14/1000sf)	Parking Spaces Provided	Parking Ratio Provide (Per 1,000 S.F.)
Existing	4,211	59	61*	14.49
Proposed	4,970	70	60	12.07

*2-Non Credited Spaces Provided Behind Stacking Spaces

SITE ANALYSIS DATA CHART

TOTAL PROJECT AREA: 46,773 ±S.F. (1.074 ±AC.)
 AREA OF PLAN SUBMISSION: 46,773 ±S.F. (1.074 ±AC.)
 LIMIT OF DISTURBED AREA: 64,205 ±S.F. (1.456 ±AC) 4,530 ±S.F. (0.104±AC) (REVISION 8)
 PRESENT ZONING: B-1 (BUSINESS LOCAL)
 PROPOSED USE: FAST FOOD RESTAURANT WITH DRIVE THRU
 FLOOR SPACE: 49,710 SQ. FT.
 CUSTOMER SEATING AREA: 1761 S.F.
 TOTAL NUMBER OF UNITS ALLOWED FOR PROJECT AS SHOWN ON FINAL PLAT: N/A
 TOTAL NUMBER OF UNITS PROPOSED ON SUBMISSION: 1
 MAXIMUM NUMBER OF EMPLOYEES: 8
 PARKING SPACES REQUIRED: 70
 PARKING SPACES PROVIDED: 60 & 2 NON CREDITED.
 OPEN SPACE ON SITE: 0.30 ACRES (28% OF GROSS AREA)
 AREA OF RECREATION OPEN SPACE: 0 ACRES REQUIRED 0 ACRES PROVIDED
 BUILDING COVERAGE OF SITE: 0.1 ACRES (4% OF GROSS AREA)

NOTE: THE 759 SF NEAR BUILDING ADDITION FOR FOOD PREPARATION, STORAGE, AND COOLER/FREEZER AREA WILL NOT INCREASE THE OR CAPACITY OF THE EXISTING CUSTOMER SEATING AREA, AND DOES NOT REQUIRE ADDITIONAL PARKING.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 COUNTY HEALTH OFFICER: [Signature] DATE: 3/22/00
 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
 DIRECTOR: [Signature] DATE: 3/24/00
 CHIEF, DEVELOPMENT ENGINEERING DIVISION: [Signature] DATE: 3/14/00
 CHIEF, DIVISION OF LAND DEVELOPMENT: [Signature] DATE: 3/21/00

FOR REVISION 7 ONLY
(NO AS-BUILT INFORMATION)
ANDREW G. STINE
PROFESSIONAL ENGINEER
MARYLAND LICENSE NO. 37687

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 CONTRACTORS 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.

PREPARED BY:

BOHLER ENGINEERING, P.C.

22630 DAVIS DRIVE SUITE 200
STERLING, VIRGINIA

SHEET INDEX

- COVER SHEET
- DEMOLITION PLAN
- SITE PLAN
- GRADING & UTILITY PLAN
- EROSION & SEDIMENT CONTROL PLAN-PHASE I
- EROSION & SEDIMENT CONTROL PLAN-PHASE II
- EROSION & SEDIMENT CONTROL NOTES & DETAILS
- PRE-DEVELOP. DRAINAGE AREA MAP
- POST-DEVELOP. DRAINAGE AREA MAP
- PROFILES & DETAILS
- PROFILES & DETAILS
- MISCELLANEOUS NOTES & DETAILS
- LANDSCAPE PLAN
- LANDSCAPE IRRIGATION DETAILS
- IRRIGATION PLAN
- BUILDING ELEVATIONS
- REVISED BUILDING ELEVATIONS

FOR 5TH REVISION ONLY

[Signature]
12-12-13

PROFESSIONAL CERTIFICATION
I, JOSEPH S. VICKI, 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.
DATE: 6/16/2014



BEFORE YOU DIG CALL 1-800-257-7777 PROTECT YOURSELF ONE THREE 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 THERETO APPLICABLE.

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
P/O PARCEL P	4905 EXECUTIVE PARK DRIVE

PERMIT INFORMATION BLOCK				
SUBDIVISION NAME:		SECTION/AREA:	PARCEL #:	
COLUMBIA 100 OFFICE RESEARCH PARK		ONE/TWO	P/O PARCEL P	
PLAT:	BLOCK #:	ZONE:	TAX/ZONE MAP: ELEC. DIST.:	CENSUS TRACT:
7526	12	B-1	MAP 30	2 6023.02
WATER CODE:		SEWER CODE:		
G02		5750639		

PREVIOUS FILE #'S SDP-89-64, F-87-82, F-87-87, BA99-13E&V, BA99-03S

FOR 8TH REVISION ONLY

THE LOD OF 4,530 SF IS EXEMPT FROM STORMWATER MANAGEMENT AND DISTANCE WHERE THE CUMULATIVE LOD EXCEEDS 5,000 SF THEN STORMWATER MANAGEMENT SHALL BE REQUIRED.

OWNER
EXECUTIVE PARK DRIVE ASSOC., L.L.C.
10 PARKS AVENUE
HUNTVALLEY, MD 21030-4922
(410) 666-1000

A.J. VOLANTH
PROFESSIONAL ENGINEER
VIRGINIA LICENSE NO. 4462 03498
MARYLAND LICENSE NO. 21342
DISTRICT OF COLUMBIA LICENSE NO. 10726
PENNSYLVANIA LICENSE NO. 048314-E
DELAWARE LICENSE NO. 10734

B.M. PITTS
PROFESSIONAL ENGINEER
VIRGINIA LICENSE NO. 0282 03051
MARYLAND LICENSE NO. 28220
DISTRICT OF COLUMBIA LICENSE NO. 10437

BOHLER ENGINEERING, P.C.
• CIVIL & CONSULTING ENGINEERS • PROJECT MANAGERS
• ENVIRONMENTAL & SITE PLANNERS • MUNICIPAL ENGINEERS
22630 DAVIS DRIVE SUITE 200
STERLING, VIRGINIA 20164 NORTH WALES, PA. 19454
PHONE: (703) 709-9600 (215) 393-8300

Project Date: 7/6/99
Revision # 1
Revision Per Client & County Comments
Revision Per County Comments
Revision Per Client & County Comments
Sheet Title COVER SHEET
MD ROUTE 100 AND EXECUTIVE PARK DRIVE COLUMBIA, HOWARD COUNTY, MD
7. AS-BUILT PLANS 7/13/16
8. REVISION FOR ROAD WIDENING & UPDATED INGRESS/EGRESS
9. REVISION FOR ROAD WIDENING & UPDATED INGRESS/EGRESS

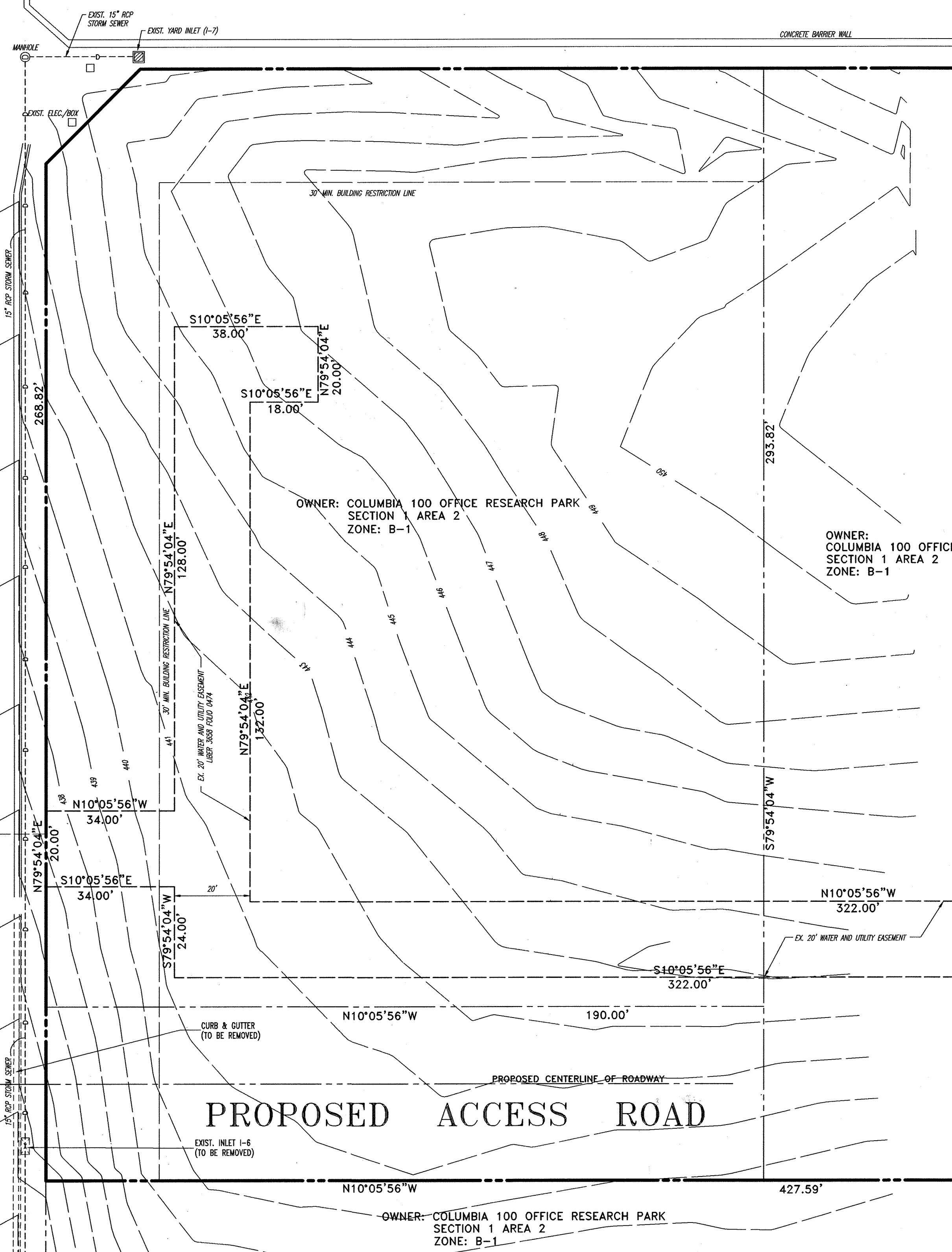




MD. RTE. 100
(MSHA PLAT #'S 54423 & 54575)

EXECUTIVE PARK DRIVE
(60' R.O.W.)

BERM RUN



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Dina M. Motuzh 3/23/00
 COUNTY HEALTH OFFICER DATE

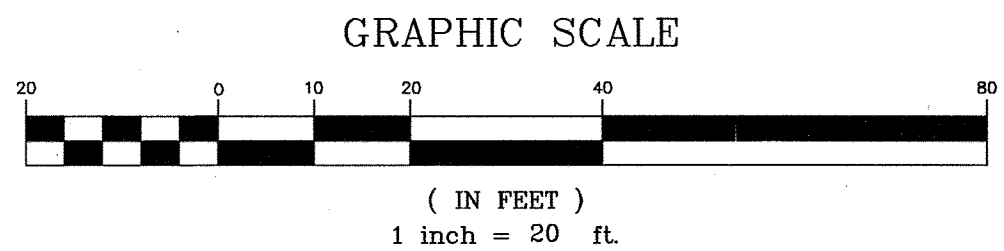
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
Joseph Smith 3/24/00
 DIRECTOR DATE

Michael R. ... 3/14/00
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

Cindy Hammett 3/14/00
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

MISS UTILITY NOTE
 CALL "MISS UTILITY" AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.

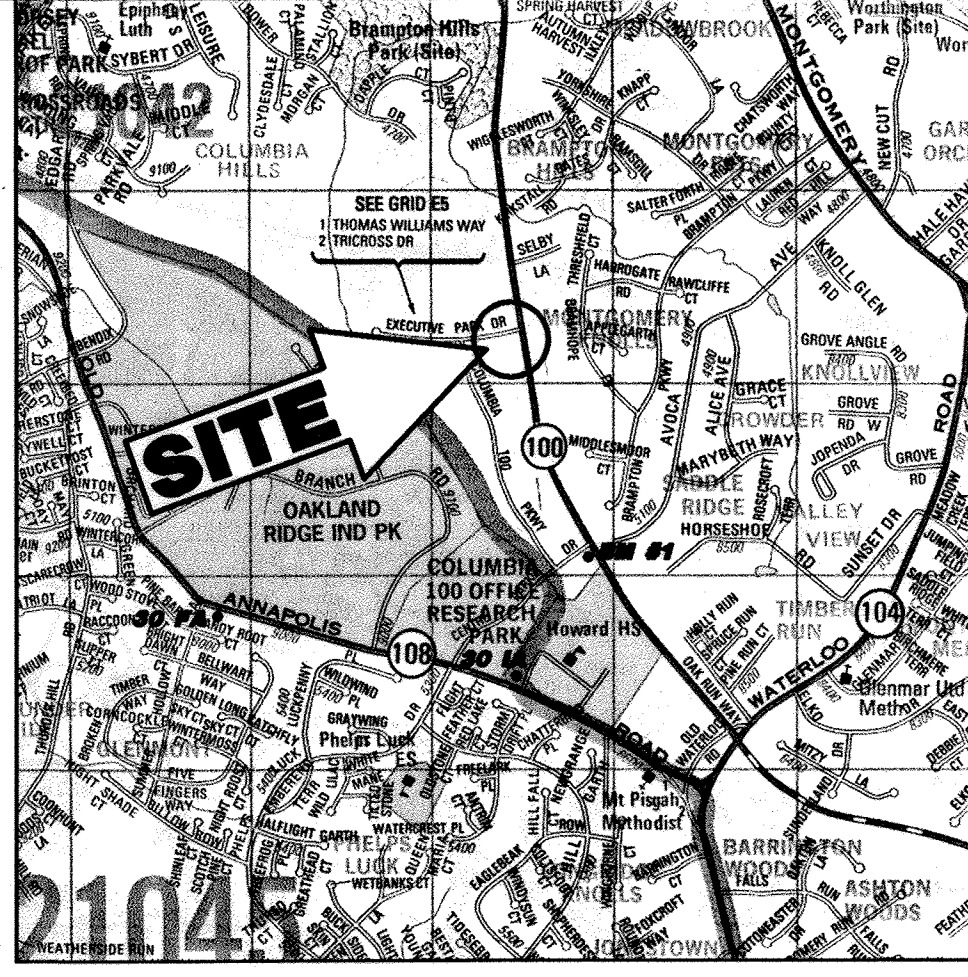
GENERAL NOTE
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS 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.



A.J. VOLANTH
 PROFESSIONAL ENGINEER
 VIRGINIA LICENSE No. 0402 031438
 MARYLAND LICENSE No. 21342
 DISTRICT OF COLUMBIA LICENSE No. 10726
 PENNSYLVANIA LICENSE No. 048314-E
 DELAWARE LICENSE No. 10734

B.M. PITTS
 PROFESSIONAL ENGINEER
 VIRGINIA LICENSE No. 0408 020951
 MARYLAND LICENSE No. 22862
 DISTRICT OF COLUMBIA LICENSE No. 10437

BOHLER ENGINEERING, P.C.
 • CIVIL & CONSULTING ENGINEERS • PROJECT MANAGERS
 • ENVIRONMENTAL & SITE PLANNERS • MUNICIPAL ENGINEERS
 22430 DAVIS DRIVE
 SUITE 200
 STERLING, VIRGINIA 20164 1120 WELSH ROAD, SUITE 200
 WATCHUNG, N.J. 07060 NORTH WALES, PA 19454
 PHONE: (703) 709-8500 (215) 393-8300



LOCATION MAP
COPYRIGHT ADC THE MAP PEOPLE
PERMIT USE NO. 20694276
SCALE: 1"=2000'

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
P/O PARCEL P	4905 EXECUTIVE PARK DRIVE

PERMIT INFORMATION BLOCK			
SUBDIVISION NAME:	SECTION/AREA:	PARCEL #:	
COLUMBIA 100 OFFICE RESEARCH PARK	ONE/TWO	P/O PARCEL P	
PLAT: 7526	BLOCK #: 12	TAX/ZONE MAP: MAP 30	ELEC. DIST.: 2
ZONE: B-1		CENSUS TRACT: 6023.02	
WATER CODE: G02		SEWER CODE: 5750639	

FOR REVISION 7 ONLY
(NO AS-BUILT INFORMATION)
ANDREW G. STINE

Andrew G. Stine
 PROFESSIONAL ENGINEER
 MARYLAND LICENSE No. 37687

I, ANDREW G. STINE, 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. 37687 EXPIRATION DATE: 7/12/19

OWNER
 EXECUTIVE PARK DRIVE ASSOC., L.L.C.
 10 PARKS AVENUE
 HUNTSVILLE, MD 21039-4922
 (410) 666-1000

Project No. S99233
 Cad ID # S9233SSS
 Drawn By: L.C.L.
 Checked By: B.M.P.

97-120
 5200 Buffington Road
 Atlanta, Georgia 30349 2998
 Telephone 404 765 8000



MD ROUTE 100 AND
 EXECUTIVE PARK DRIVE
 COLUMBIA, HOWARD COUNTY, MD

Project Date: 7/6/99
 # Date Revision
 1. 9/29/99 Revision Per Client & County Comments
 2. 11/22/99 Revision Per County Comments
 3. 02/10/00 Revision Per Client & County Comments

Sheet Title **DEMOLITION PLAN**
 T. AS-BUILT PLANS 7115115

2

FOR 8TH REVISION ONLY

ANDREW G. STINE

PROFESSIONAL ENGINEER

PROFESSIONAL CERTIFICATION

GENERAL NOTES (CONTINUED)

- 32. ZONING CASE BA-13-030C GRANTS THE PETITION OF CHICK-FIL-A TO NOTIFY COMPTON NO. 2 OF THE ORIGINAL DECISION AND ORDER FOR BA-99-134V TO PERMIT AN ADDITION TO AN EXISTING FAST FOOD RESTAURANT AND INCREASE THE CONDITIONAL USE AREA BY APPROXIMATELY 0.20 ACRES IN A B-1 (BUSINESS LOCAL) ZONING DISTRICT PROVIDED THAT:
1. THE CONDITIONAL USE SHALL BE CONDUCTED IN CONFORMANCE WITH AND SHALL APPLY ONLY TO THE PROPOSED ENLARGED FAST FOOD RESTAURANT AS DESCRIBED IN THE PETITION AND AS DEPICTED ON THE CONDITIONAL USE PLAN AND NOT TO ANY OTHER ACTIVITIES, USES OR STRUCTURES ON THE PROPERTY.
2. THE PETITION SHALL COMPLY WITH COMMENTS FROM THE DEPARTMENT OF FIRE AND RESCUE SERVICES ON THE SITE DEVELOPMENT PLAN.
33. A KNOX BOX (FIRE DEPARTMENT ACCESS BOX) IS REQUIRED TO BE REPLACED ON THE FRONT OF THE BUILDING. IT SHALL BE PLACED TO THE RIGHT OF THE MAIN ENTRANCE AT A RANGE OF 4 TO 5 FEET IN HEIGHT AND NO MORE THAN 6 FEET LATERALLY FROM THE DOOR. THE BOX SHALL BE ELECTRONICALLY SUPERVISED TO NOTIFY THE OWNER THAT IT IS BEING ACCESSED (INTEGRATED WITH THE FIRE ALARM SYSTEM).

FOR 6TH REVISION ONLY

J. J. UCCIFERRO

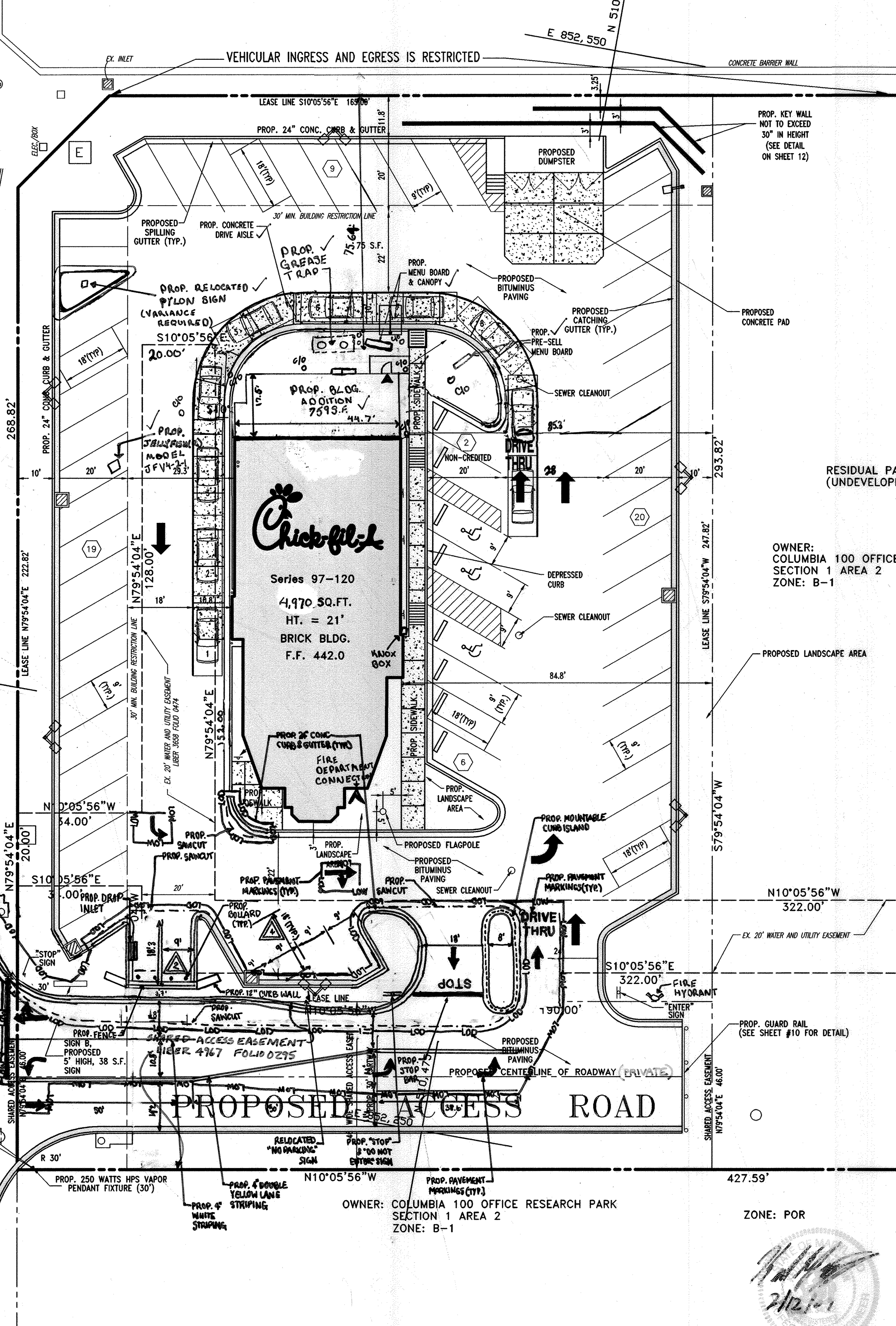
PROFESSIONAL ENGINEER

PROFESSIONAL CERTIFICATION

- 1. JOSEPH J. UCCIFERRO 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. 36064, EXPIRATION DATE 6/26/2016

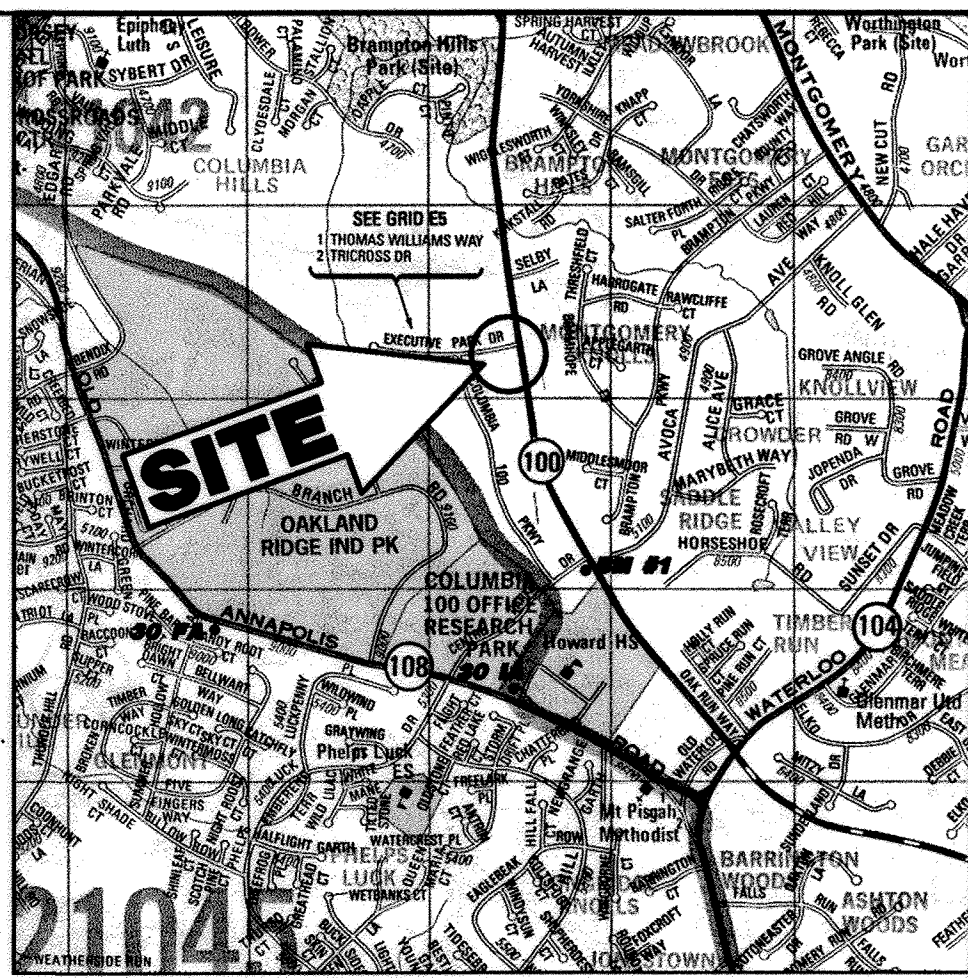
FOR REVISION ONLY (NO AS-BUILT INFORMATION) ANDREW G. STINE

MD. RTE. 100 (MSHA PLAT #'S 54423 & 54575) PROFESSIONAL ENGINEER MARYLAND LICENSE NO. 37007



GENERAL NOTES

- 1. THIS PLAN REFERENCE: A. A SURVEY BY: APR ASSOCIATES 7427 HARFORD ROAD BALTIMORE, MARYLAND 21234-7160 (410) 444-4312 B. A SITE DEVELOPMENT PLAN BY: THE RIEMER GROUP, INC. 3105 HEALTH PARK DRIVE ELLICOTT CITY, MARYLAND 21043 (301) 461-2690
2. PETITIONER/LESSEE: CHICK-FIL-A, INCORPORATED CONTACT: D. HAMMOND 5200 BUFFINGTON ROAD ATLANTA, GEORGIA 30349 (404) 765-8998
3. PROPERTY OWNER: EXECUTIVE PARK DRIVE ASSOCIATES, L.L.C. 216 SCHILLING CIRCLE, SUITE 300 HUNT VALLEY, MARYLAND 21030-0632
4. ZONING: B-1 (BUSINESS LOCAL)
5. EXISTING USE: VACANT PROPOSED USE: FAST FOOD RESTAURANT WITH DRIVE THRU
6. LOT AREA: PARCEL P2 - 65,513 SQ. FT. (1.274 ACRES) LEASED SITE AREA - 46,773 SQ. FT. (1.074 ACRES)
7. BUILDING AREA: 4,970 SQ. FT. CUSTOMER SEATING AREA: 1,761 SF
8. PARKING: REQUIRED - 4,970 SF @ 14 SP/1,000 SF. = 70 SPACES PROVIDED - 60 SPACES PLUS 2 NON-CREDITED SPACES BEHIND THE STACKING SPACES
9. STACKING: REQUIRED - 10 SPACES (FOR FAST FOOD RESTAURANTS) PROVIDED - 10 SPACES
10. UTILITIES: WATER - PUBLIC SEWER - PUBLIC
11. ELECTION DISTRICT: 2
12. DEED REFERENCE: 4262/620
13. TAX MAP: 30, BLOCK: 18, PARCEL: 406P (LOT P2)
14. ZONING ORDINANCE PROVISIONS: SETBACKS: BUILDING FROM PUBLIC STREET R.O.W. (EXECUTIVE PARK DRIVE) 30' 58.51' BUILDING FROM PUBLIC STREET R.O.W. (MARYLAND ROUTE 100) 30' 78' BUILDING SIDE INTERIOR SOUTH 0' 84.8' BUILDING SIDE INTERIOR WEST 0' 95.55' PARKING (EXECUTIVE PARK DRIVE) 10' 10' PARKING (MARYLAND ROUTE 100) 10' 11.8'



LOCATION MAP COPYRIGHT ADC THE MAP PEOPLE PERMIT USE NO. 20694276 SCALE: 1"=200'

Table with 3 columns: REQUIRED, PROVIDED, and ADDRESS CHART. It lists setbacks for building from public street R.O.W. and parking areas.

NOTE: SEE THE DPZ APPROVED PARKING REDUCTION INFORMATION ASSOCIATED WITH THE 739 SF BUILDING ADDITION IN OR NEAR THE SITE ANALYSIS DATA SHEET ON SHEET 1.

FOR 5TH REVISION ONLY

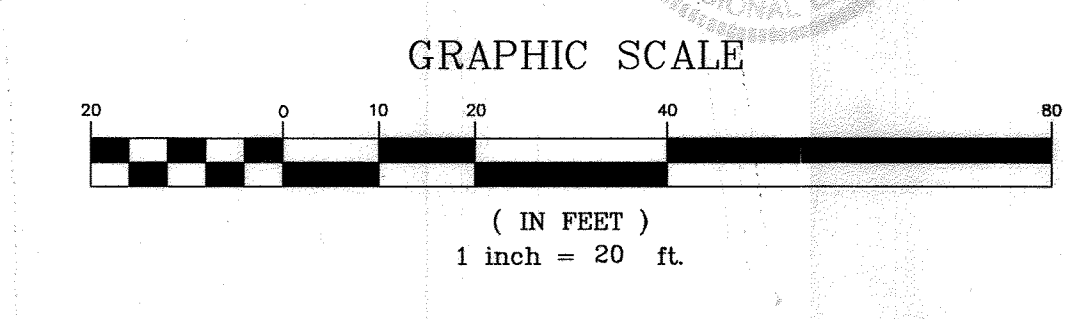
PROFESSIONAL CERTIFICATION: JOSEPH J. UCCIFERRO HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 36064, EXPIRATION DATE: 6/26/2016

ADDRESS CHART table with columns: LOT/PARCEL #, STREET ADDRESS, P/O PARCEL P.

PERMIT INFORMATION BLOCK table with columns: SUBDIVISION NAME, SECTION/AREA, PARCEL #, PLAT, BLOCK #, ZONE, TAX/ZONE MAP, ELEC. DIST., CENSUS TRACT, WATER CODE, SEWER CODE.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT. COUNTY HEALTH OFFICER DATE 3/22/00
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING. DIRECTOR DATE 3/24/00
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE 3/14/00
CHIEF, DIVISION OF LAND DEVELOPMENT DATE 3/14/00

MISS UTILITY NOTE CALL 'MISS UTILITY' AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.



A.J. VOLANTH PROFESSIONAL ENGINEER VIRGINIA LICENSE NO. 0482 03438 MARYLAND LICENSE NO. 22842 DISTRICT OF COLUMBIA LICENSE NO. 10726 PENNSYLVANIA LICENSE NO. 048314-E DELAWARE LICENSE NO. 10724

B.M. PITTS PROFESSIONAL ENGINEER VIRGINIA LICENSE NO. 0482 03951 MARYLAND LICENSE NO. 22842 DISTRICT OF COLUMBIA LICENSE NO. 10727

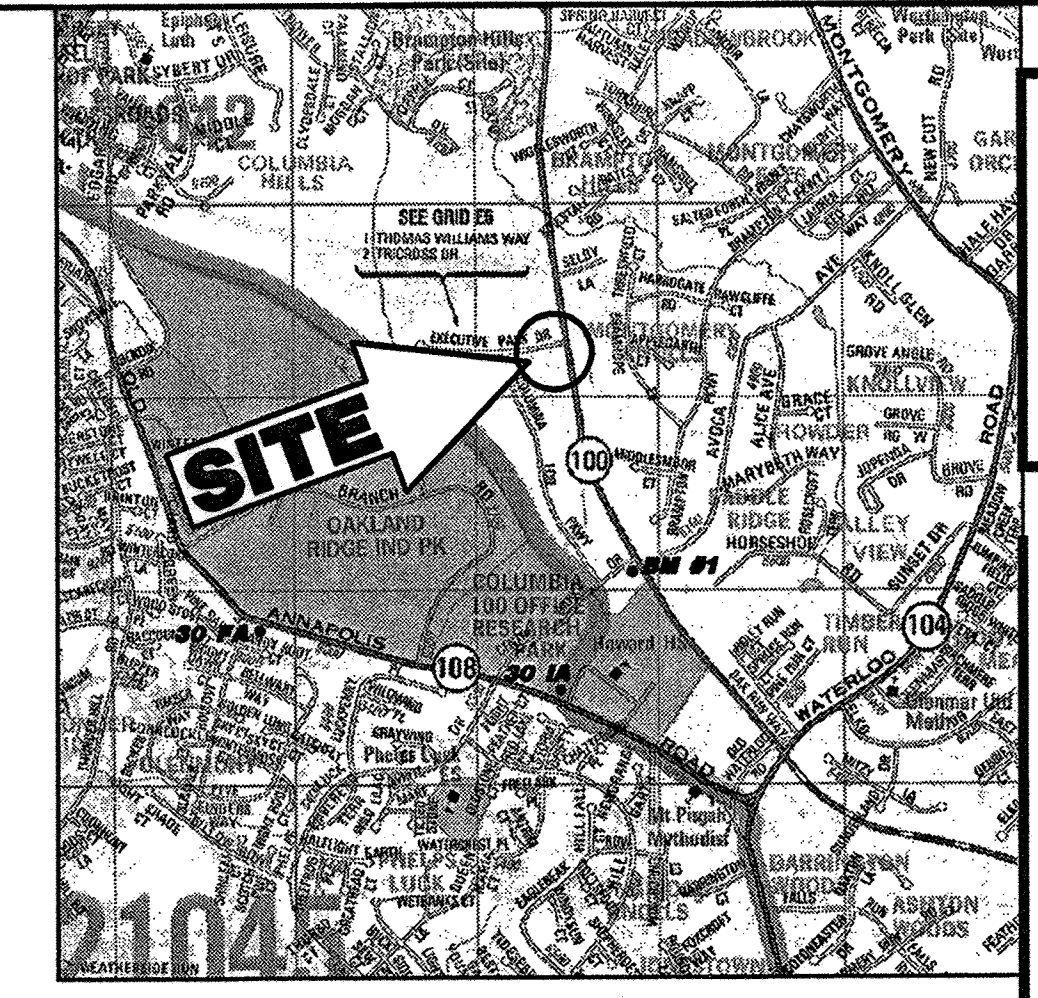
BOHLER ENGINEERING, P.C. CIVIL & CONSULTING ENGINEERS PROJECT MANAGERS ENVIRONMENTAL & SITE PLANNERS MUNICIPAL ENGINEERS 776 MOUNTAIN BLVD. WASHINGTON, PA 15454 (908) 668-8300

Project Date: 7/6/99
Revision # Date Revision Per Client & County Comments
1. 02/29/99
2. 11/22/99
3. 02/10/00
Sheet Title: SITE PLAN
Project No. S99233 Cad ID # S92335S3 Drawn By: L.C.L. Checked By: B.M.P.
5200 Buffington Road Atlanta, Georgia 30349 2998 Telephone 404 765 8000
MD ROUTE 100 AND EXECUTIVE PARK DRIVE COLUMBIA, HOWARD COUNTY, MD
T. AS-BUILT PLANS 7/15/18
REVISION FOR BEAR 9/16; ADDITION.
CONSTRUCTION FIELD CHANGE
02/04/20

- IV. Topsoil Application
- When topsoiling, maintain needed erosion and sediment control practices such as diversions, Grade Stabilization Structures, Earth Dikes, Slope Silt Fence and Sediment Traps and Basins.
 - Grades on the areas to be topsoiled, which have been previously established, shall be maintained, albeit 4" - 8" higher in elevation.
 - Topsoil shall be uniformly distributed in a 4" - 8" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sodding or seeding can proceed with a minimum of additional soil preparation and tillage. Any irregularities in the surface resulting from topsoiling or other operations shall be corrected in order to prevent the formation of depressions or water pockets.
 - Topsoil shall not be placed while the topsoil or subsoil is in a frozen or muddy condition, when the subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading and seedbed preparation.

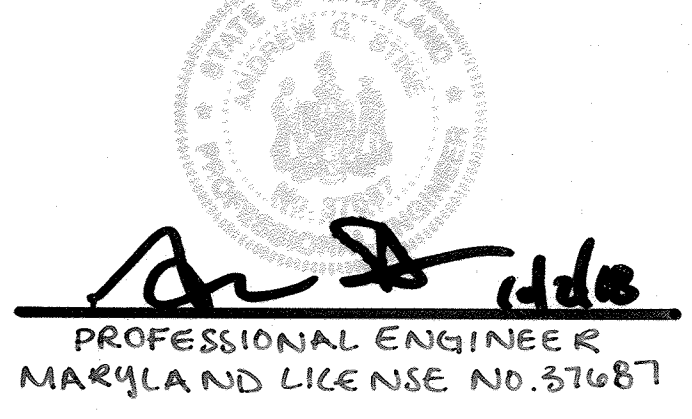
LEGEND

- X 479.87 EXIST. SPOT ELEVATION
- 479--- EXIST. GROUND CONTOUR
- D--- EXIST. STORM LINE
- W--- EXIST. WHC
- S--- EXIST. SHC



LOCATION MAP
 COPYRIGHT ADC THE MAP PEOPLE
 PERMIT USE NO. 20694276
 SCALE: 1"=2000'

FOR REVISION ONLY
 (NO AS-BUILT INFORMATION)
 ANDREW G. STINE



STANDARD SYMBOLS

- G1B2 GLENELG LOAM, 3-8% SLOPES MODERATELY ERODED
- SSS SILT FENCE
- LDD LIMIT OF DISTURBANCE
- DIKE DIVERSION DIKE TYPE A-2
- SCS STABILIZED CONSTRUCTION ENTRANCE
- GABION GABION INFLON PROTECTION
- RPS REMOVABLE PUMPING STATION

TRAP #1

STONE OUTLET SEDIMENT ST-1
 TYPE: ST-1
 PROPOSED D.A.: 1.45 AC.
 EXISTING D.A.: 3.02 AC.
 STORAGE REQUIRED: 5220 C.F.
 STORAGE PROVIDED: 8150 C.F.
 WET STORAGE REQUIRED: 2610 C.F.
 WET STORAGE PROVIDED: 4150 C.F.
 DRY STORAGE REQUIRED: 2610 C.F.
 DRY STORAGE PROVIDED: 4150 C.F.
 WET STORAGE ELEVATION: 435.40
 SIDE SLOPE: 2:1
 DRY STORAGE ELEVATION: 437.70
 STORAGE DEPTH: 5.7'
 TOP ELEVATION: 438.50 (DAM TOP)
 BOTTOM ELEVATION: 429.80
 BARREL DIAMETER: 15"
 RISER DIAMETER: 18"
 TRASH RACK DIAMETER: 27"

ADDRESS CHART

LOT/PARCEL #	STREET ADDRESS
P/O PARCEL P	4905 EXECUTIVE PARK DRIVE

PERMIT INFORMATION BLOCK

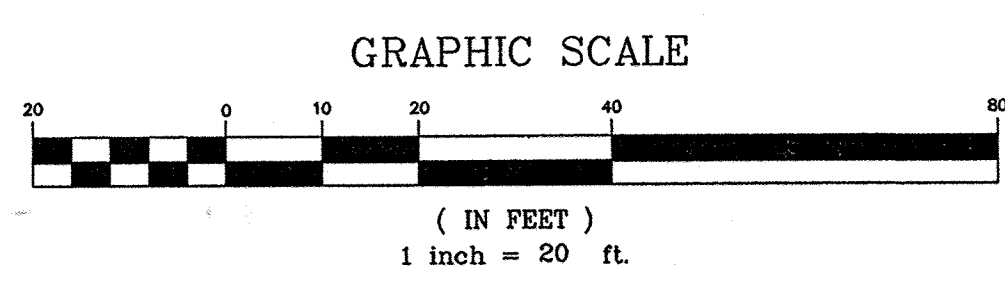
SUBDIVISION NAME: COLUMBIA 100 OFFICE RESEARCH PARK		SECTION/AREA: ONE/TWO		PARCEL #:
PLAT: 7526	BLOCK #: 12	ZONE: B-1	TAX/ZONE MAP: ELEC. DIST. 30	CENSUS TRACT: 6023.02
WATER CODE: G02		SEWER CODE: 5750639		

THIS PLAN IS TO BE USED FOR SEDIMENT CONTROL PURPOSES ONLY

A.J. VOLANTH
 PROFESSIONAL ENGINEER
 VIRGINIA LICENSE NO. 0462 031438
 PENNSYLVANIA LICENSE NO. 048314-E
 DELAWARE LICENSE NO. 10734

B.M. PITTS
 PROFESSIONAL ENGINEER
 VIRGINIA LICENSE NO. 0462 030951
 PENNSYLVANIA LICENSE NO. 048314-E
 DELAWARE LICENSE NO. 10734

BOHLER ENGINEERING, P.C.
 CIVIL & CONSULTING ENGINEERS • PROJECT MANAGERS
 ENVIRONMENTAL & SITE PLANNERS • MUNICIPAL ENGINEERS
 2209 Davis Drive
 SUITE 2000
 STERLING, VIRGINIA 20164
 PHONE: (703) 709-8600
 1120 WELSH ROAD, SUITE 200
 NORTH WALES, PA 19454
 (215) 393-8300



MD. RTE. 100
 (MSHA PLAT #'S 54423 & 54575)

INSTALL STABILIZED CONSTRUCTION ENTRANCE

INSTALL DIVERSION DIKE

INSTALL SUPER SILT FENCE

G1B2

LIMIT OF DISTURBANCE

INSTALL DIVERSION DIKE

G1B2

G1B2

INSTALL SUPER SILT FENCE

INSTALL GABION

PROPOSED ACCESS ROAD

INSTALL SEDIMENT TRAP #1

INSTALL DIVERSION DIKE

G1B2

TOPSOIL SPECIFICATION

- Topsoil salvaged from the existing site may be used provided that it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experimental Station.
- Topsoil Specifications - Soil to be used as topsoil must meet the following:
 - Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting textured subsoils and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1 1/2" in diameter.
 - Topsoil must be free of plants or plant parts such as bermuda grass, quackgrass, Johnsongrass, nutsedge, poison ivy, thistle, or others as specified.
 - Where the subsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.

- For sites having disturbed areas under 5 acres:
 - Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section 1 - Vegetative Stabilization Methods and Materials.

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

Petra Thomason 2-29-2000
 DEVELOPER *Chick-fil-A, Inc.* DATE

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

Andrew G. Stine 3/1/00
 ENGINEER DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

Chris Swain 3/16/00
 NATURAL RESOURCES CONSERVATION SERVICE DATE

THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

Michael A. ... 3/16/00
 HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

Diane ... 3/24/00
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

... 3/24/00
 DIRECTOR DATE

... 3/16/00
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

... 2/29/00
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

GENERAL NOTE
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK 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.

MISS UTILITY NOTE
 CALL "MISS UTILITY" AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.

Project No. S99233
 Cad ID # S9233SSS
 Drawn By: L.C.L.
 Checked By: B.M.P.

97-120
 5200 Buffington Road
 Atlanta, Georgia 30349 2998
 Telephone 404 765 8000



Project Date: 7/6/99
 Revision # 1
 1. 10/22/00 Revision Per Client & County Comments
 2. 11/22/00 Revision Per County Comments
 3. 02/10/00 Revision Per Client & County Comments

MD ROUTE 100 AND EXECUTIVE PARK DRIVE
 COLUMBIA, HOWARD COUNTY, MD
 T. AS-BUILT PLANS 7/15/16

Sheet Title E & S CONTROL PLAN -PHASE I

5
 OF 17
 SDP-00-30

FOR REVISION 7 ONLY
(NO AS-BUILT INFORMATION)
ANDREW G. STINE

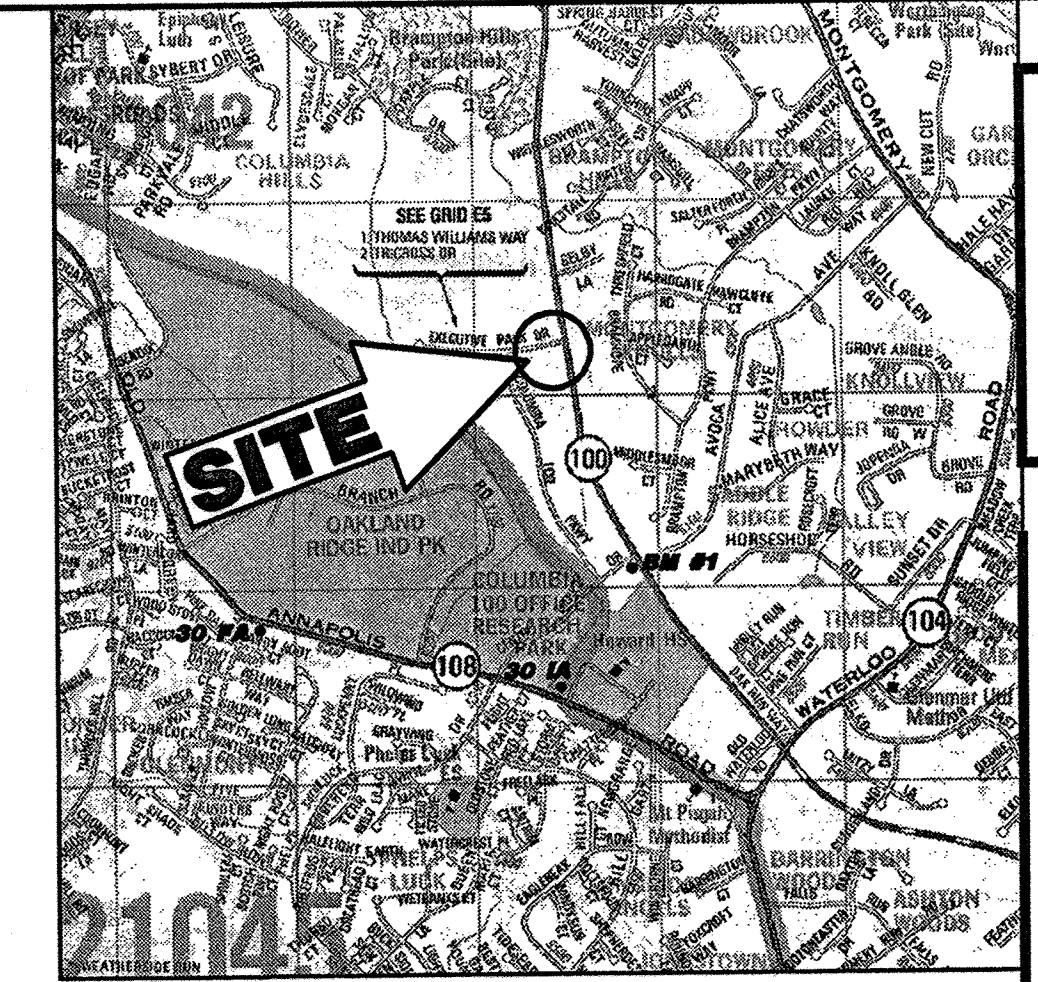
MD. RTE. 100
(MSHA PLAT #'S 54423 & 54575)

PROFESSIONAL ENGINEER
MARYLAND LICENSE No. 37687

L. ANDREW G. STINE, PE
7/12/19

LEGEND

- X 479.87 EXIST. SPOT ELEVATION
- x 477.20 PROP. SPOT ELEVATION
- 479 --- EXIST. GROUND CONTOUR
- 432 --- PROP. GROUND CONTOUR
- --- EXIST. STORM LINE
- --- PROP. STORM LINE
- --- EXIST. WHC
- --- EXIST. SHC
- S --- S --- PROP. SHC
- V --- V --- PROP. WHC
- E --- E --- PROP. ELECTRIC LINE
- T --- T --- PROP. TELEPHONE LINE
- G --- G --- PROP. GAS LINE



LOCATION MAP
COPYRIGHT ADC THE MAP PEOPLE
PERMIT USE NO. 20654276
SCALE: 1"=200'

STANDARD SYMBOLS

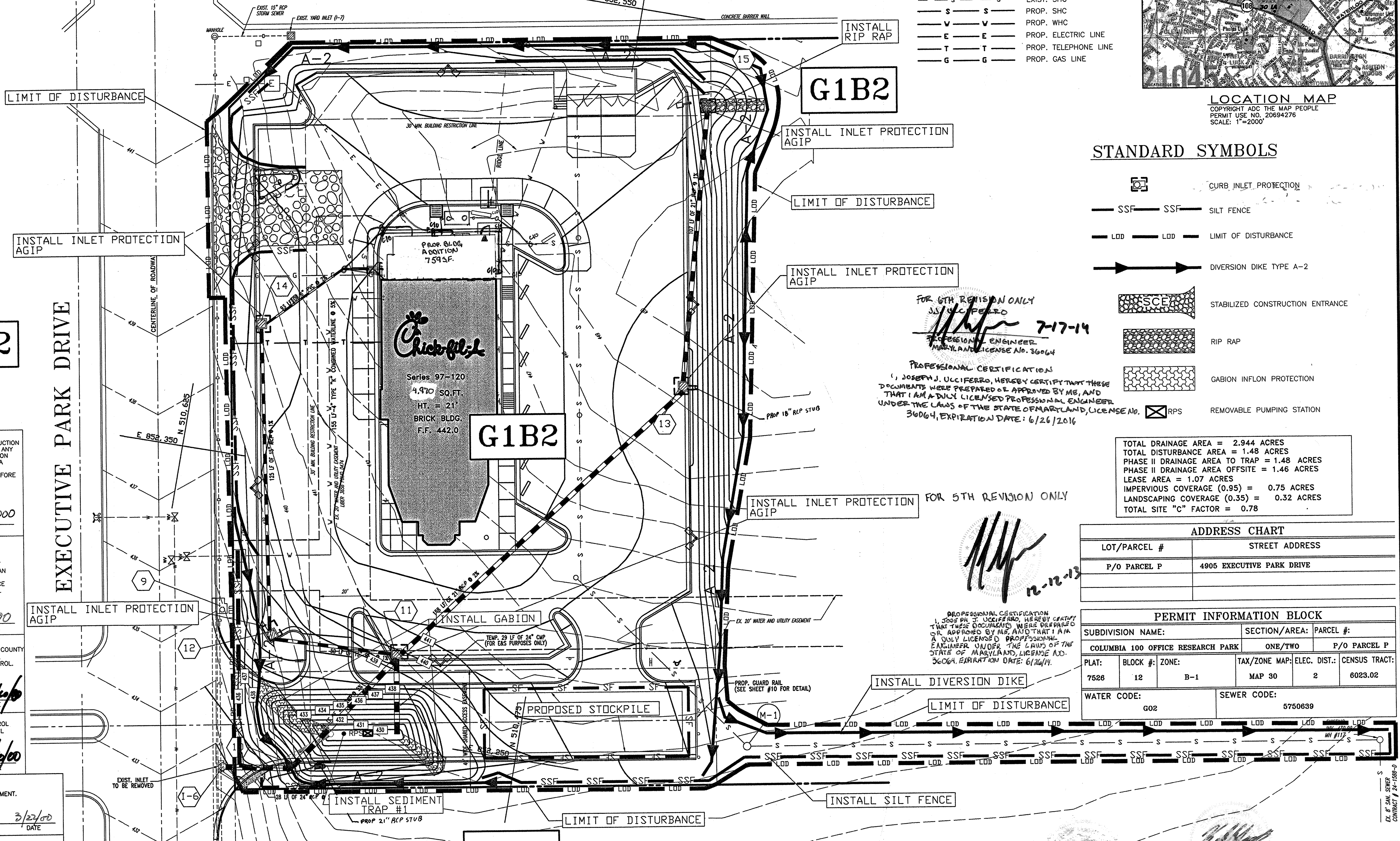
- CURB INLET PROTECTION
- SSF --- SSF --- SILT FENCE
- LOD --- LOD --- LIMIT OF DISTURBANCE
- DIVERSION DIKE TYPE A-2
- STABILIZED CONSTRUCTION ENTRANCE
- RIP RAP
- GABION INFLON PROTECTION
- RPS

FOR 6TH REVISION ONLY
7-17-14
PROFESSIONAL ENGINEER
MARK ANNE LICENSE NO. 36064
PROFESSIONAL CERTIFICATION
I, JOSEPH J. UCCIFERRO, 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. 36064, EXPIRATION DATE: 6/26/2016

TOTAL DRAINAGE AREA = 2.944 ACRES
TOTAL DISTURBANCE AREA = 1.48 ACRES
PHASE II DRAINAGE AREA TO TRAP = 1.48 ACRES
PHASE II DRAINAGE AREA OFFSITE = 1.46 ACRES
LEASE AREA = 1.07 ACRES
IMPERVIOUS COVERAGE (0.95) = 0.75 ACRES
LANDSCAPING COVERAGE (0.35) = 0.32 ACRES
TOTAL SITE "C" FACTOR = 0.78

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
P/O PARCEL P	4905 EXECUTIVE PARK DRIVE

PERMIT INFORMATION BLOCK			
SUBDIVISION NAME:		SECTION/AREA: PARCEL #:	
COLUMBIA 100 OFFICE RESEARCH PARK		ONE/TWO P/O PARCEL P	
PLAT:	BLOCK #: ZONE:	TAX/ZONE MAP:	ELEC. DIST.: CENSUS TRACT:
7526	12 B-1	MAP 30	2 6023.02
WATER CODE:		SEWER CODE:	
G02		5750639	



G1B2

G1B2

G1B2

G1B2

BY THE DEVELOPER:
I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
Hetra Shamason 2/29/2000
DEVELOPER *Chick-fil-A, Inc.* DATE

BY THE ENGINEER:
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
Andrew G. Stine 3/10/00
ENGINEER DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.
Cheryl Simon/G.S. 3/16/00
NATURAL RESOURCES CONSERVATION SERVICE DATE

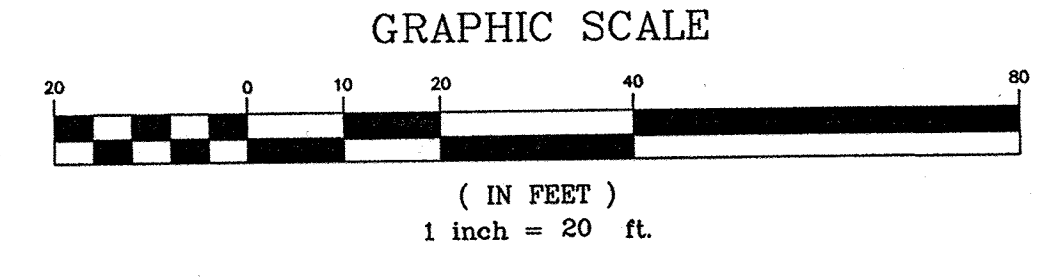
THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
Andrew G. Stine 3/16/00
HOWARD COUNTY SOIL CONSERVATION DISTRICT DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Diana M. ... 3/23/00
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
... 3/24/00
DIRECTOR DATE
... 3/24/00
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
... 3/24/00
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

MISS UTILITY NOTE
CALL "MISS UTILITY" AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.

GENERAL NOTE
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THIS PLAN IS TO BE USED FOR SEDIMENT CONTROL PURPOSES ONLY

A.J. VOLANTH
PROFESSIONAL ENGINEER
VIRGINIA LICENSE NO. 6402 031438
MARYLAND LICENSE NO. 51442
DISTRICT OF COLUMBIA LICENSE NO. 10726
PENNSYLVANIA LICENSE NO. 94834-C
DELAWARE LICENSE NO. 10734

B.M. PITTS
PROFESSIONAL ENGINEER
VIRGINIA LICENSE NO. 0360951
MARYLAND LICENSE NO. 22820
DISTRICT OF COLUMBIA LICENSE NO. 10437

BOHLER ENGINEERING, P.C.
• CIVIL & CONSULTING ENGINEERS • PROJECT MANAGERS
• ENVIRONMENTAL & SITE PLANNERS • MUNICIPAL ENGINEERS
2243-D 20th DRIVE
SUITE 200
778 MOUNTAIN BLVD., STERLING, VIRGINIA 20164
WATCHUNG, N.J. 07060
(908) 668-8300
FPHONE: (703) 709-9500
1120 WELSH ROAD, SUITE 200
NORTH WALES, PA. 19454
(215) 393-8300

Project No. S99233
Cad ID # S9233533
97-120
5200 Buffington Road
Atlanta, Georgia 30349 2998
Telephone 404 765 8000
Drawn By: L.C.L.
Checked By: B.M.P.

MD ROUTE 100 AND
EXECUTIVE PARK DRIVE
COLUMBIA, HOWARD COUNTY, MD

Project Date: 7/6/99

#	Date	Revision
1.	9/29/99	Revision Per Client & County Comments
2.	11/22/99	Revision Per County Comments
3.	02/10/00	Revision Per Client & County Comments

Sheet Title **E & S CONTROL PLAN - PHASE II**

1. AS-BUILT PLANS 7/18/16

2. 02/10/00 REVISION FOR REAR BLOCK ABUTMENT

3. 03/10/03 REVISION FOR REAR BLOCK ABUTMENT

4. 06/16/03 CONSTRUCTION FIELD CHANGE

6

OF 17
SDP-00-30

SEQUENCE OF CONSTRUCTION

START (03/06/00)

- PHASE I
1. OBTAIN GRADING PERMIT (1 DAY) (3/7/00)
2. PRIOR TO CLEARING OF TREES, INSTALLING SEDIMENT CONTROL MEASURES, OR GRADING, A PRECONSTRUCTION MEETING MUST BE CONDUCTED ON-SITE. (1 DAY) (3/8/00)
3. THE LIMITS OF DISTURBANCE MUST BE FIELD MARKED PRIOR TO CLEARING OF TREES. INSTALLATION OF SEDIMENT CONTROL MEASURES, CONSTRUCTION, OR OTHER LAND DISTURBING ACTIVITIES. (2 DAYS) (3/10/00)
4. INSTALL PROPOSED STABILIZED CONSTRUCTION ENTRANCE AND CLEAR AND GRADE FOR INSTALLATION OF ALL OTHER SEDIMENT CONTROL DEVICES. (6 DAYS) (3/16/00)
5. INSTALL SEDIMENT CONTROL TRAP, SILT FENCE, EARTH DIKES, AND STABILIZE/MULCH AND SEED THE EARTH DIKES AS SHOWN ON PHASE I & S PLAN. (3 DAYS) (3/19/00)
6. ONCE THE SEDIMENT CONTROL DEVICES ARE INSTALLED, THE PERMITTEE MUST OBTAIN WRITTEN APPROVAL FROM THE INSPECTOR BEFORE PROCEEDING WITH ANY ADDITIONAL CLEARING, GRUBBING, OR GRADING. (3 DAYS) (3/22/00)
7. CLEAR AND GRUB THE REMAINDER OF THE SITE. (4 DAYS) (3/26/00)
8. ROUGH GRADE REMAINDER OF SITE MAINTAINING ALL E & S MEASURES (3 DAYS) (3/29/00)
PHASE II
1. INSTALL ADDITIONAL SILT FENCE & EARTH DIKES AS SHOWN ON PHASE II E & S PLAN (1 DAY) (3/30/00)
2. INSTALL TEMPORARY STORM PIPE STRUCTURE 12" DISCHARGING INTO SEDIMENT BASIN AND INHIBIT BUILDING CONSTRUCTION. (1 DAY) (3/31/00)
3. INSTALLATION OF UTILITIES AND PERMANENT STORM DRAIN SYSTEM AS SHOWN ON PLAN FROM STR-10-1 & 11 (4 DAYS) (4/4/00)
4. FINE GRADE ALL DISTURBED AREAS. (2 DAYS) (4/6/00)
5. INSTALL STORM SURFACE AND PAVEMENT BASE COURSE AND STABILIZE ALL DISTURBED AREA AS NECESSARY. (3 DAYS) (4/9/00)
6. STABILIZE ALL ADDITIONAL DISTURBED AREAS AS REQUIRED AND WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL REMAINING SEDIMENT CONTROL DEVICES. (2 DAYS) (4/11/00)
7. INSTALL SURFACE PAVING. (2 DAYS) (4/13/00)
BY THE DEVELOPER:
I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

Project No. S99233
Cad ID # S9233N3
Drawn By: D.C.D.
Checked By: B.M.P.

97-120
5200 Buffington Road
Atlanta, Georgia 30349 2998
Telephone 404 765 8000

Metra Shomson 2-28-2000
DEVELOPER: Chuck-Fil-A, Inc.
BY THE ENGINEER:
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
Date: 3/1/00

These plans have been reviewed for the HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.
Date: 3/1/00

These plans for soil erosion and sediment control meet the requirements of the HOWARD COUNTY SOIL CONSERVATION DISTRICT.
Date: 3/1/00

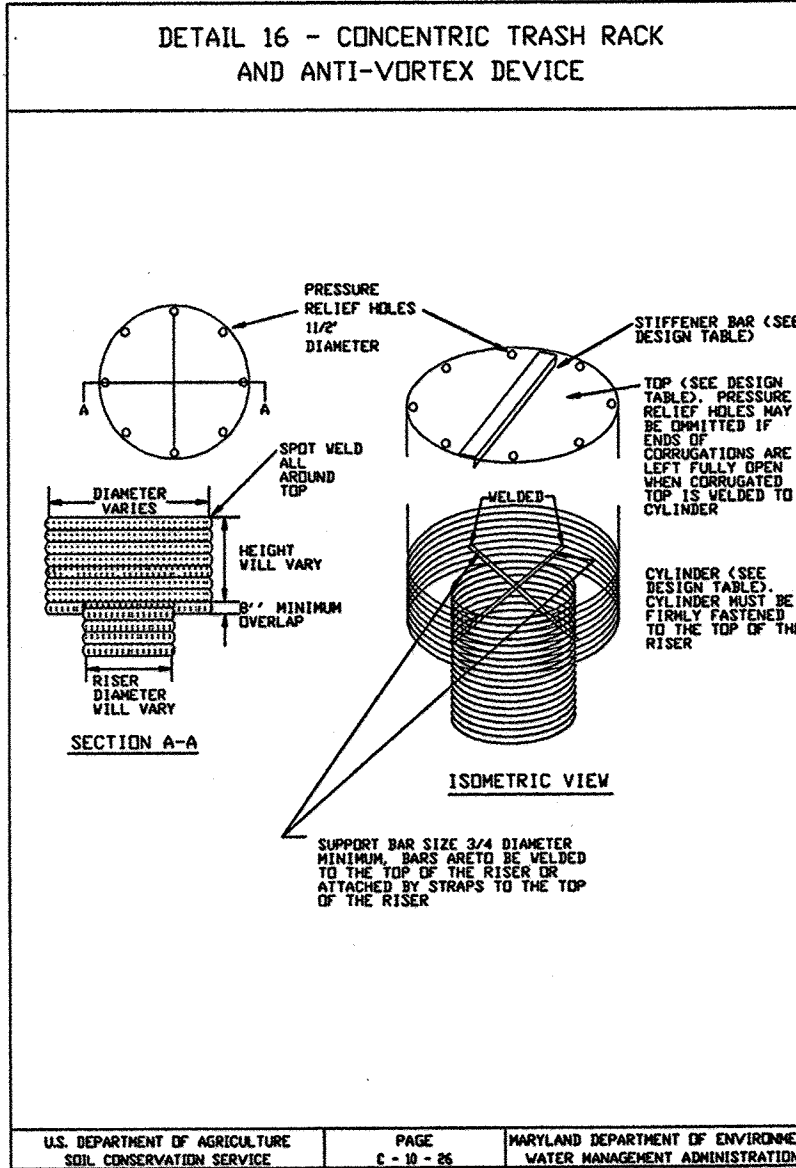
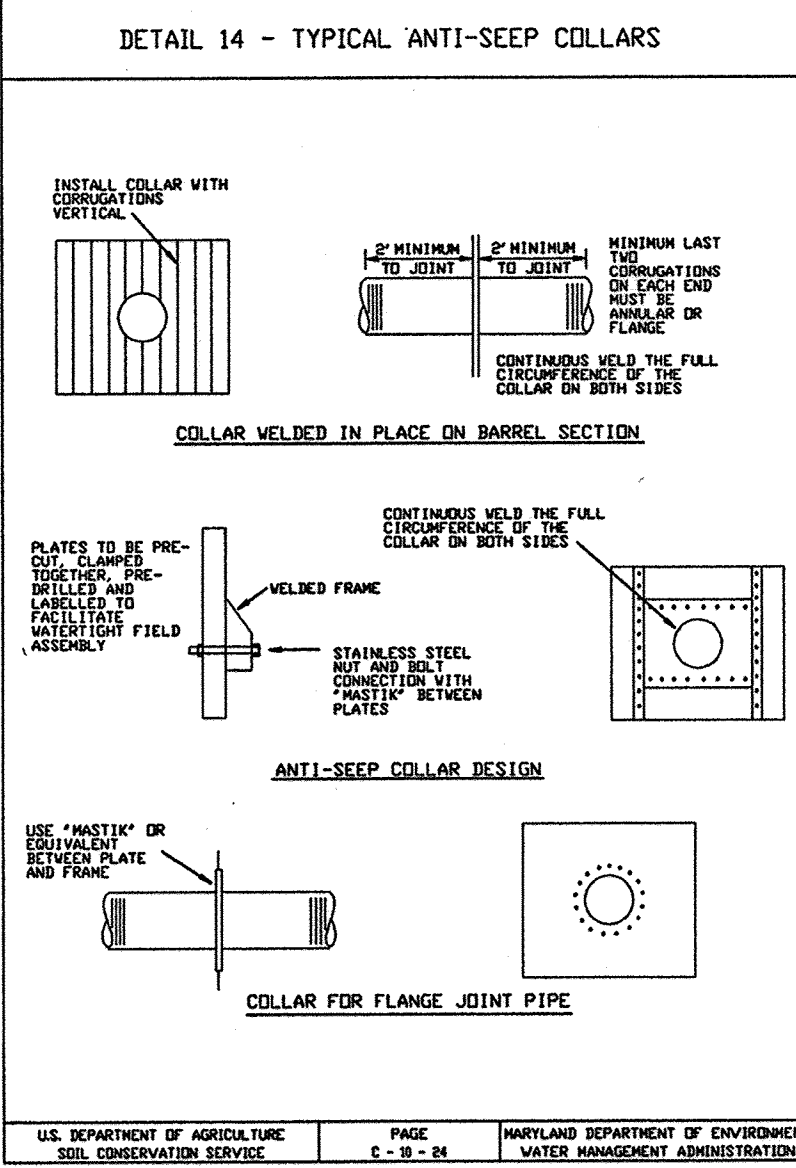
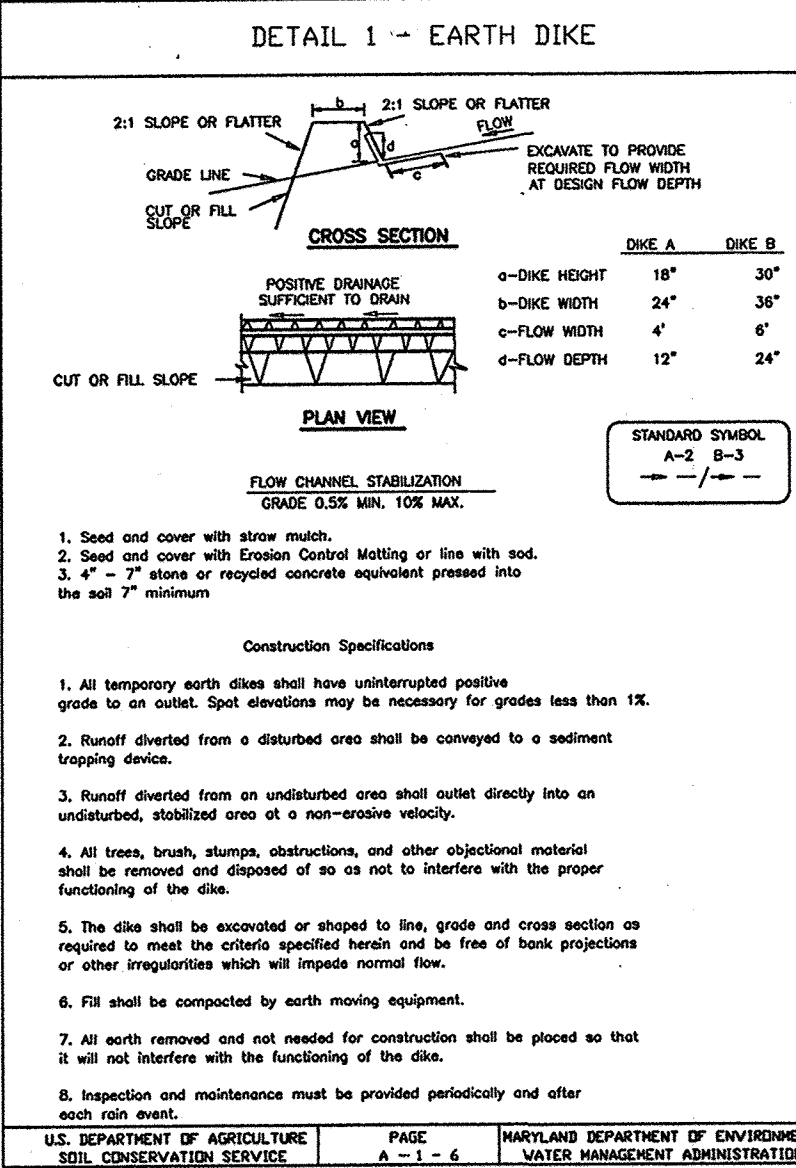
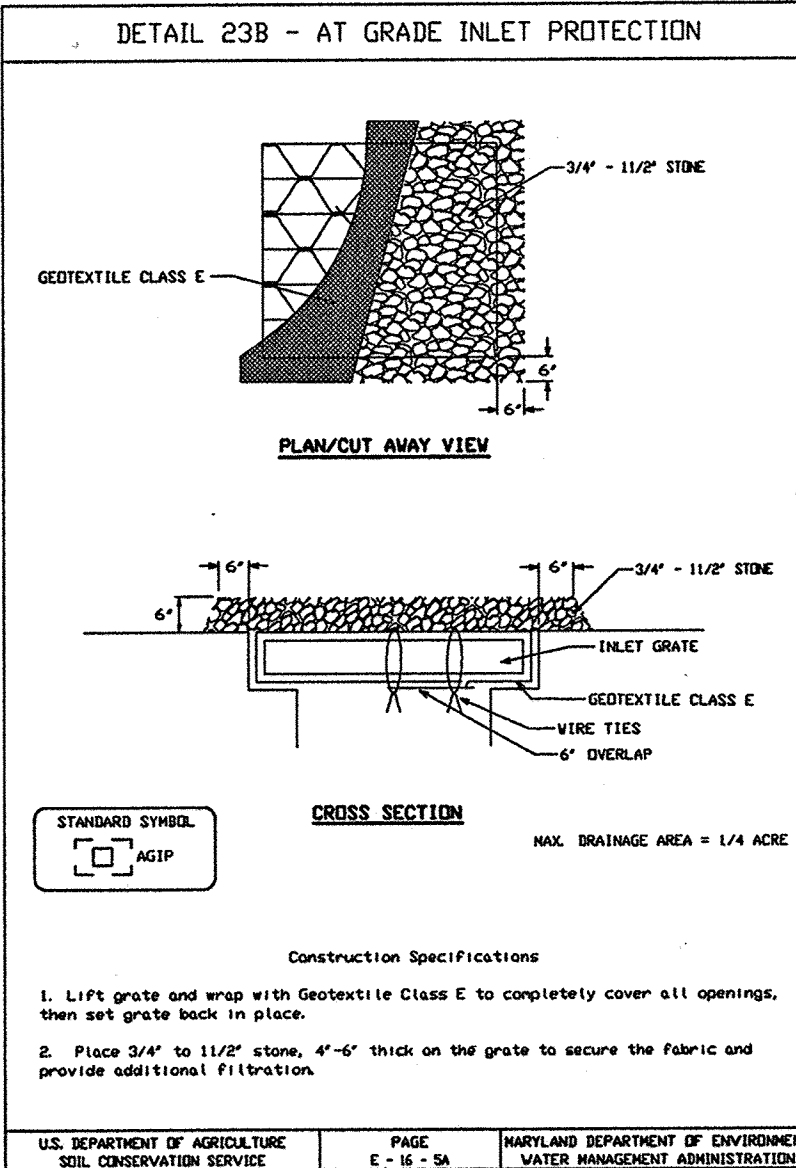
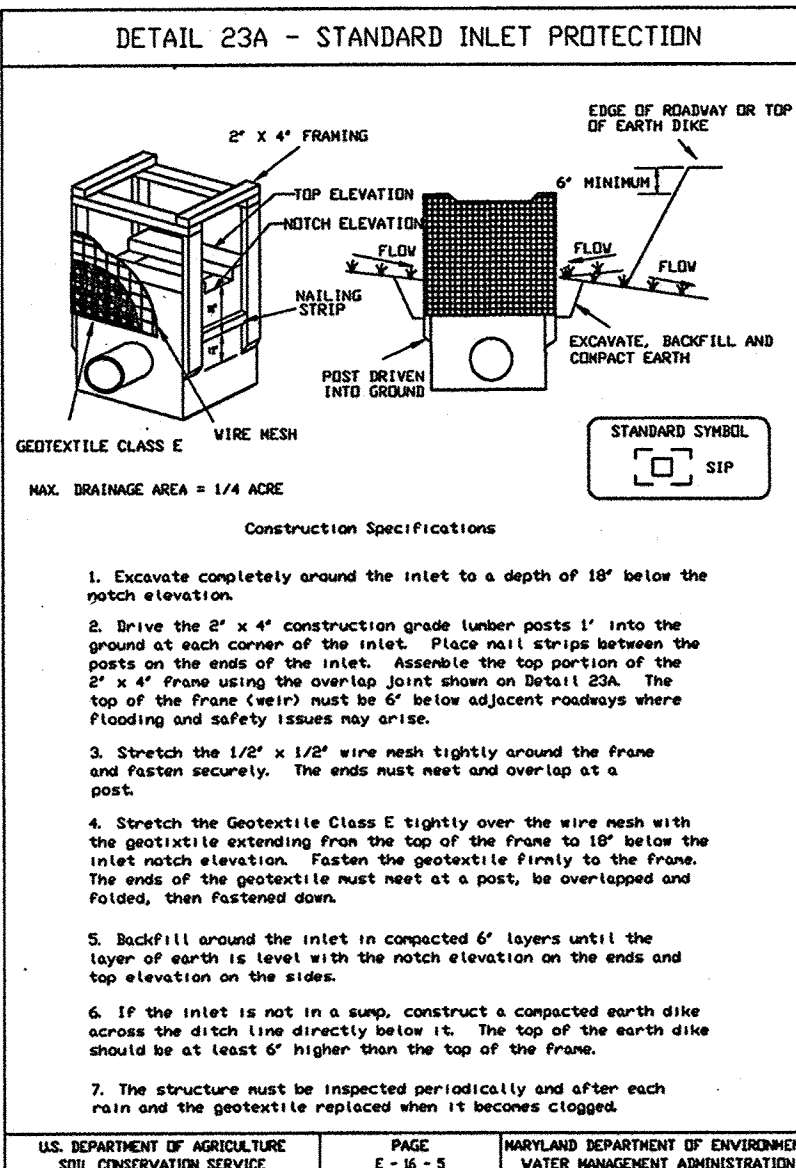
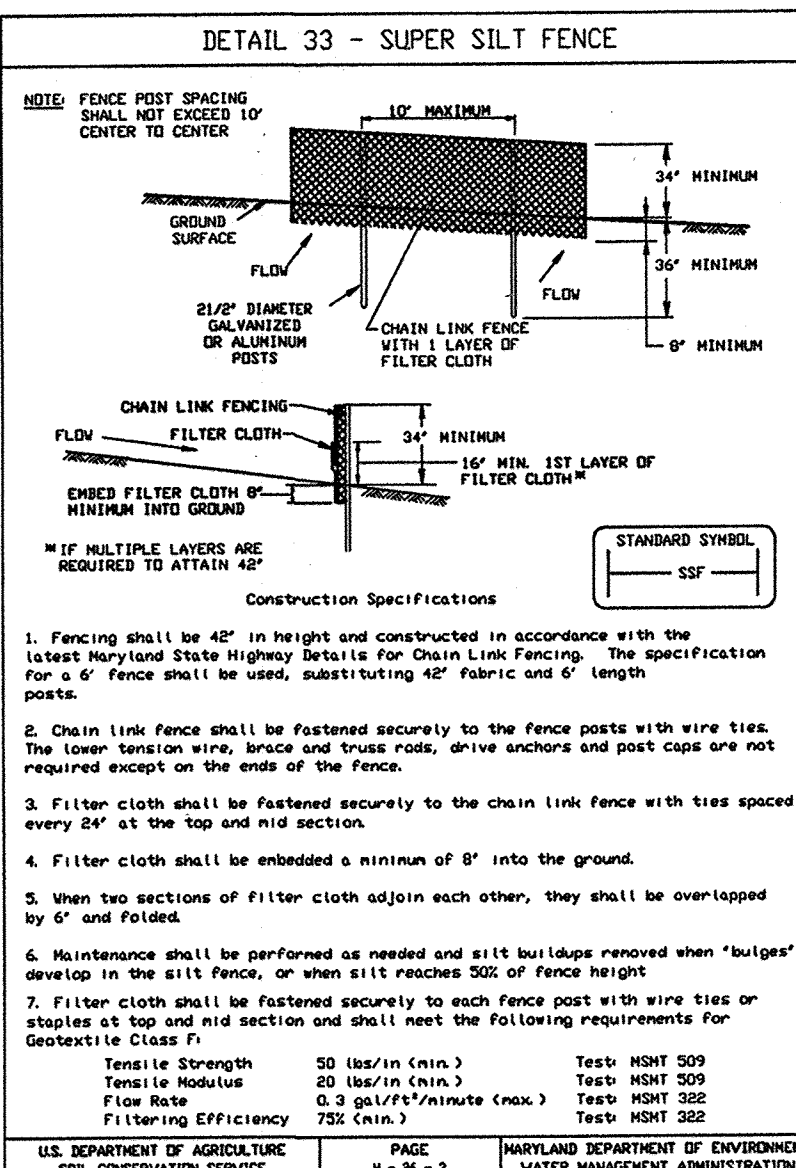
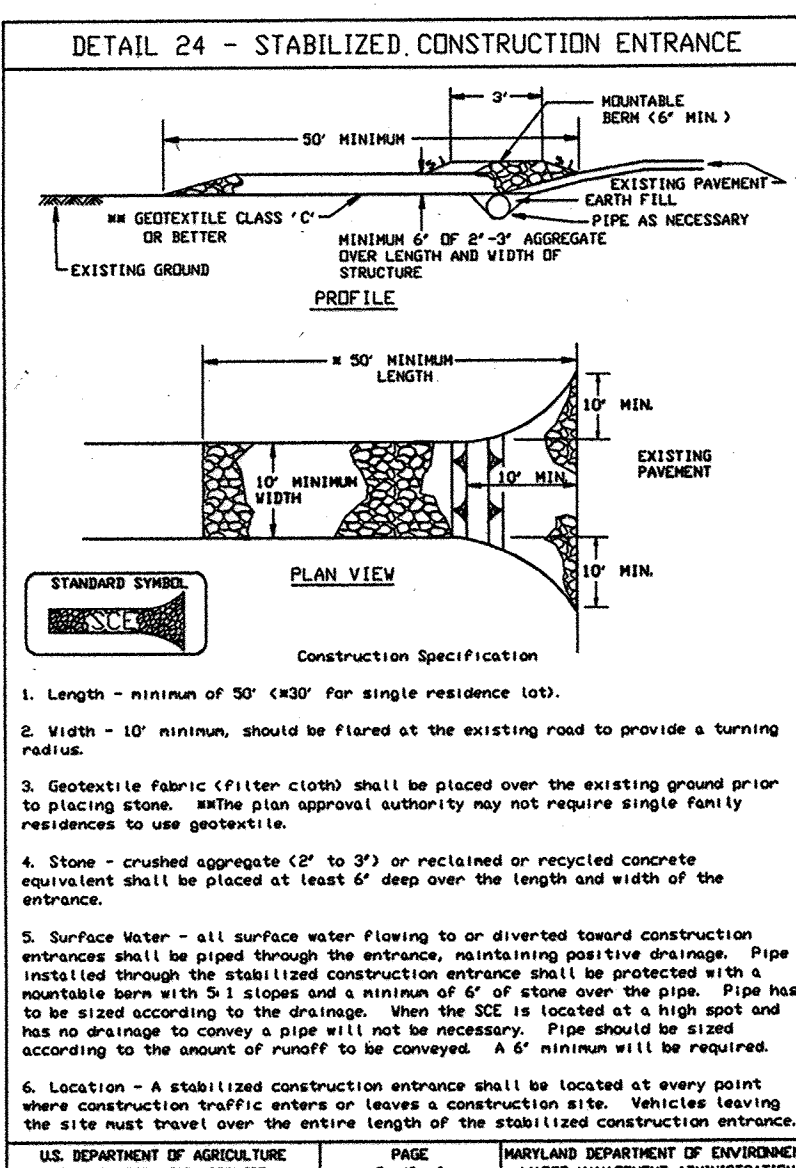
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT.
Date: 3/22/00
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
Date: 3/24/00
DIRECTOR:
Date: 3/14/00
CHIEF, DEVELOPMENT ENGINEERING DIVISION
Date: 3/21/00
CHIEF, DIVISION OF LAND DEVELOPMENT
Date: 3/21/00

ADDRESS CHART
LOT/PARCEL # STREETS ADDRESS
P/O PARCEL P 4906 EXECUTIVE PARK DRIVE

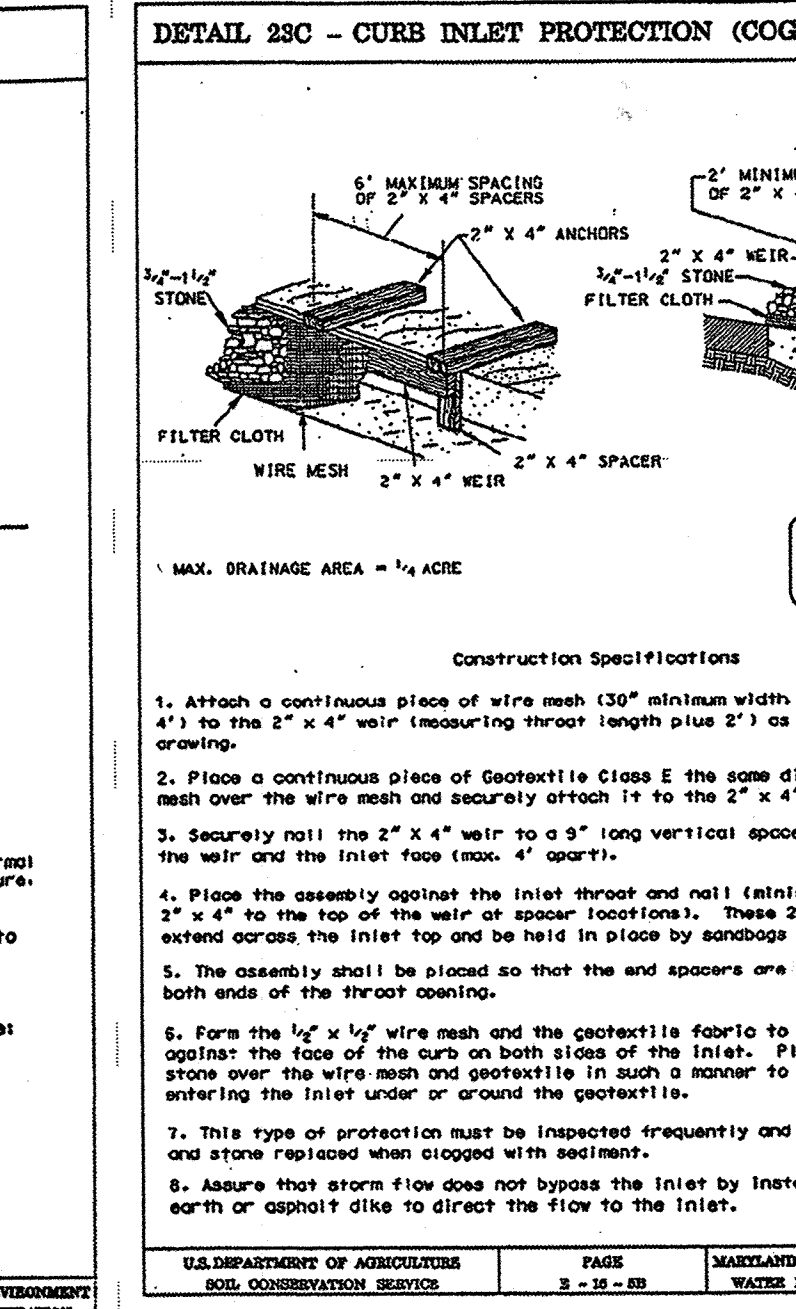
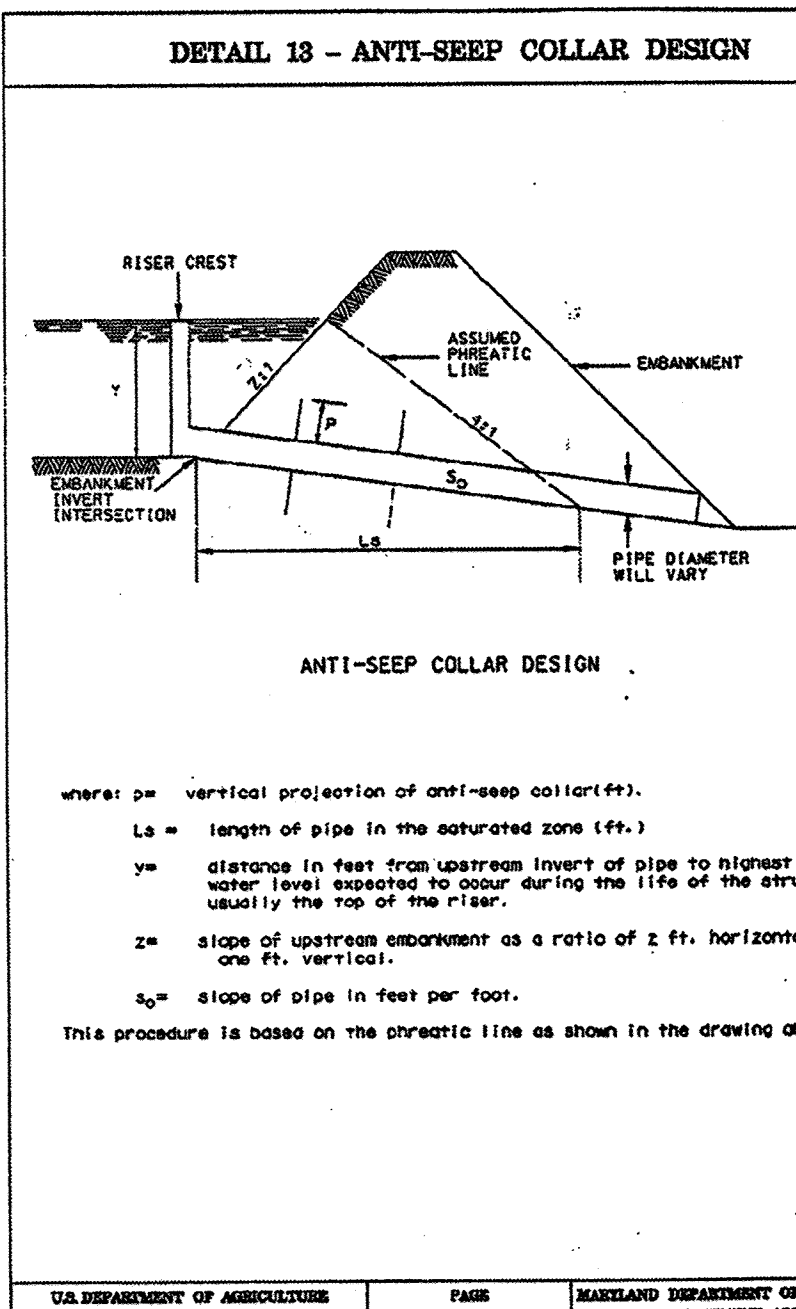
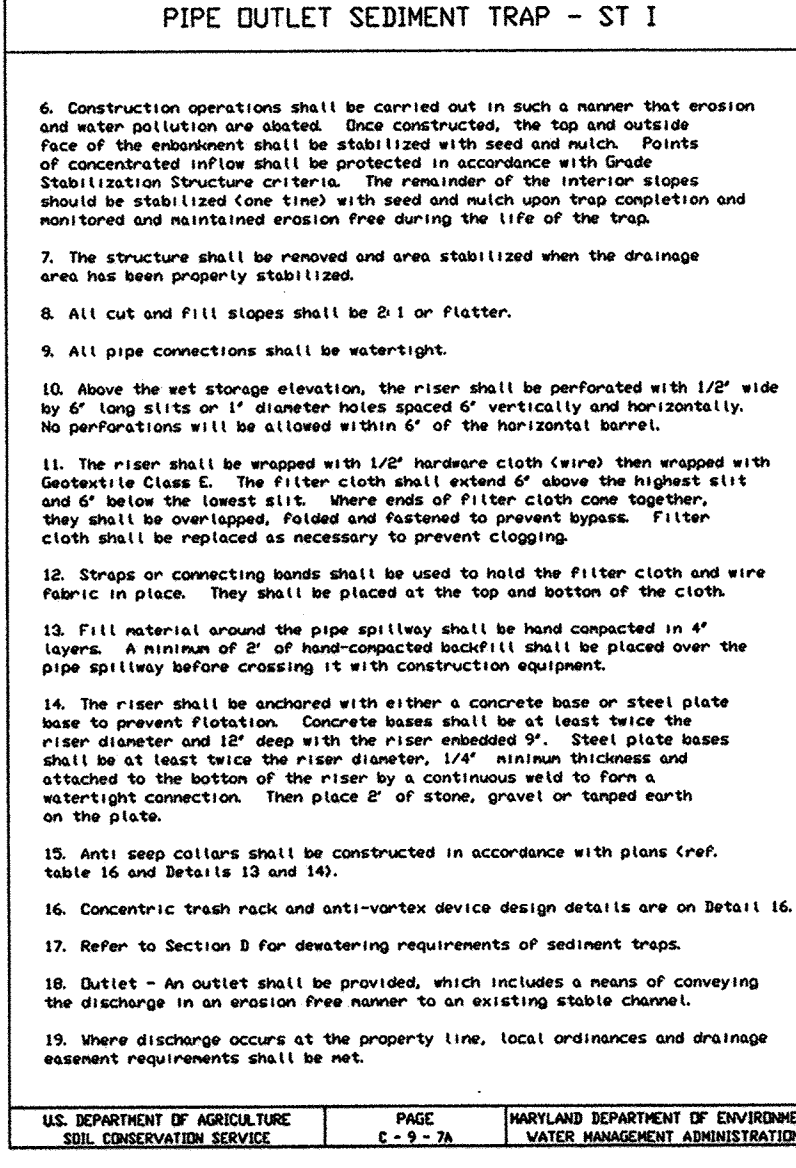
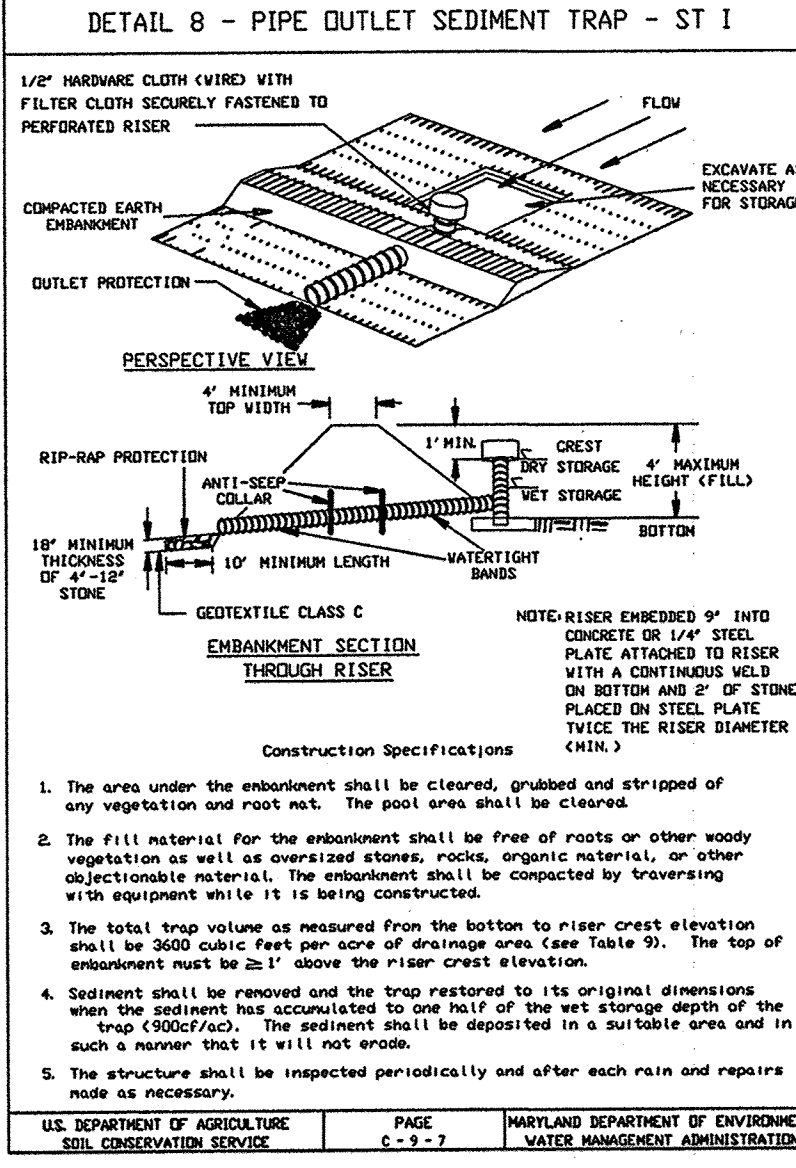
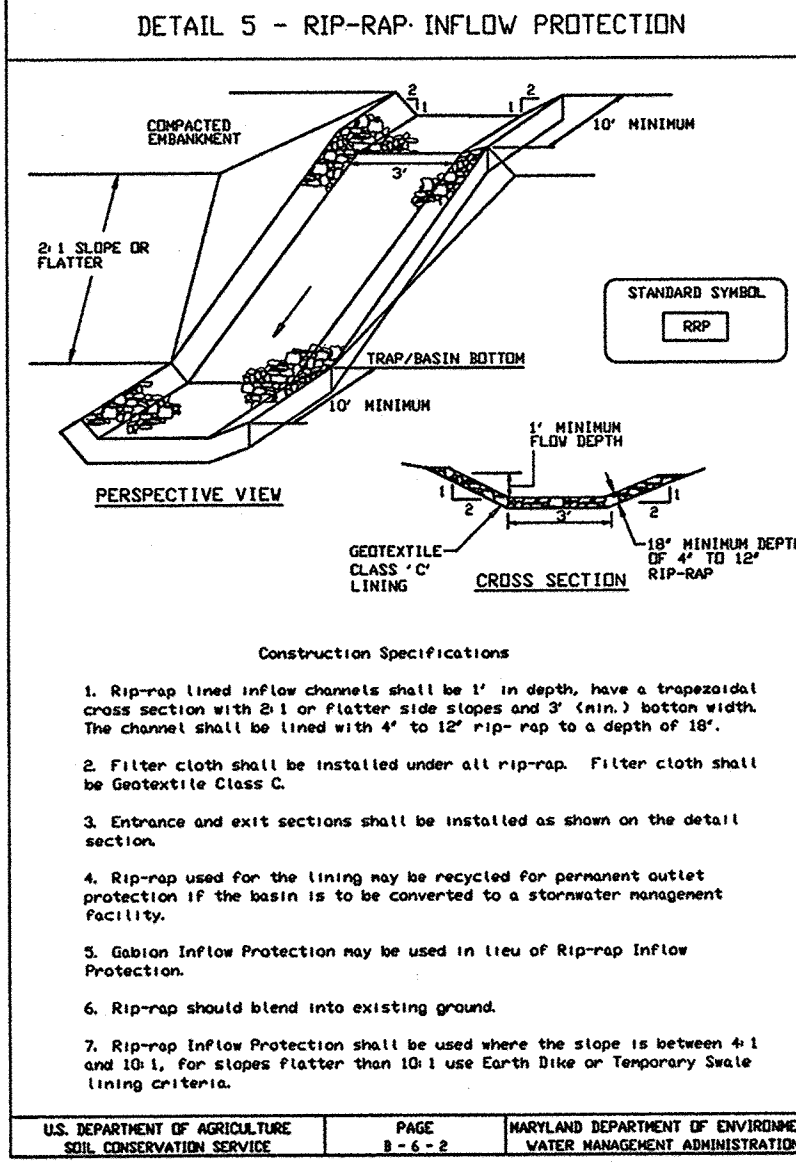
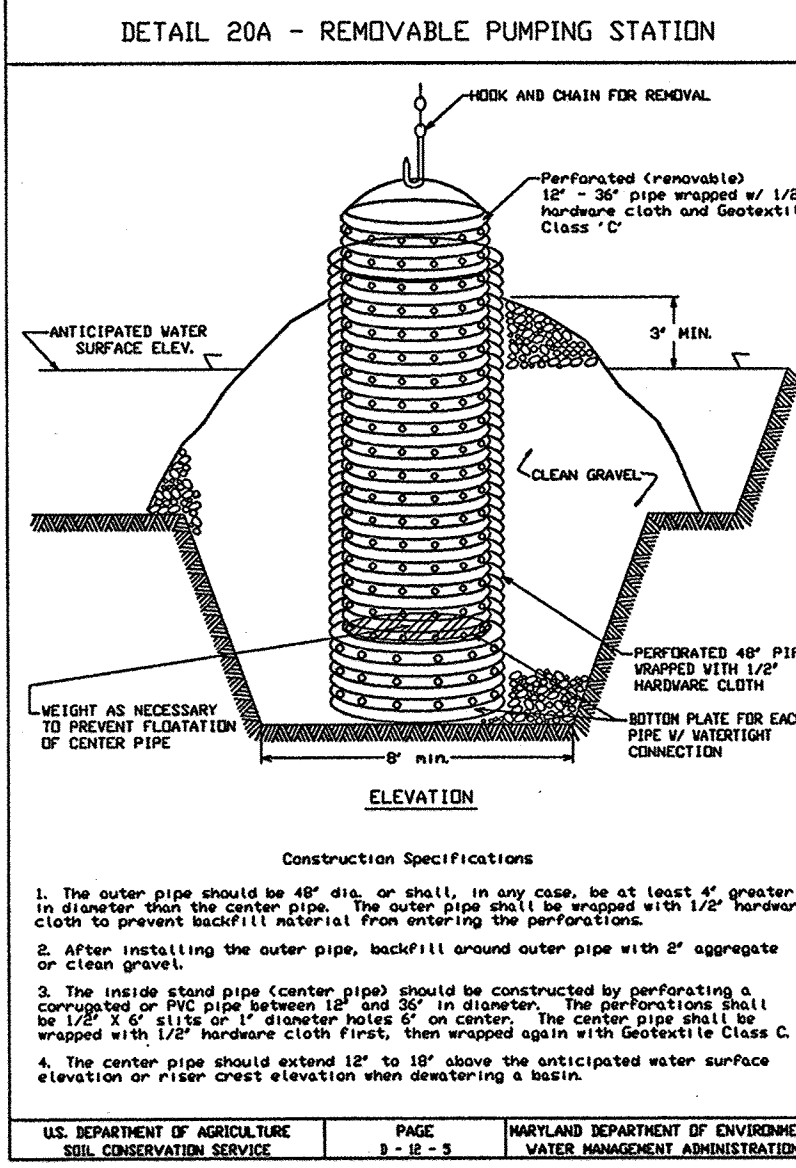
PERMIT INFORMATION BLOCK
SUBDIVISION NAME: COLUMBIA 100 OFFICE RESEARCH PARK
SECTION/AREA: ONE/TWO
PARCEL #: P/O PARCEL P
PLAT: 7626
BLOCK #: 12
ZONE: B-1
TAX/ZONE MAP/ELEC. DIST.: MAP 30
CENSUS TRACT: 2 6023.02
WATER CODE: 602
SEWER CODE: 5750639

OWNER: EXECUTIVE PARK DRIVE ASSOC., L.L.C.
10 PARKS AVENUE
HUNTSVILLE, MD 21030-4922
(410) 666-1000

A.J. VOLANTH
B.M. PITTS
BOHLER ENGINEERS, P.C.
776 MOUNTAIN BLVD., WASHINGTON, N.C. 27683
(919) 868-8300
22130 DANFORTH DRIVE, SUITE 201, ZELLSVILLE, VIRGINIA 20164
PHONE: (703) 709-9500
1120 WELLS ROAD, SUITE 202, WATKINS, N.C. 27689
(215) 393-8300

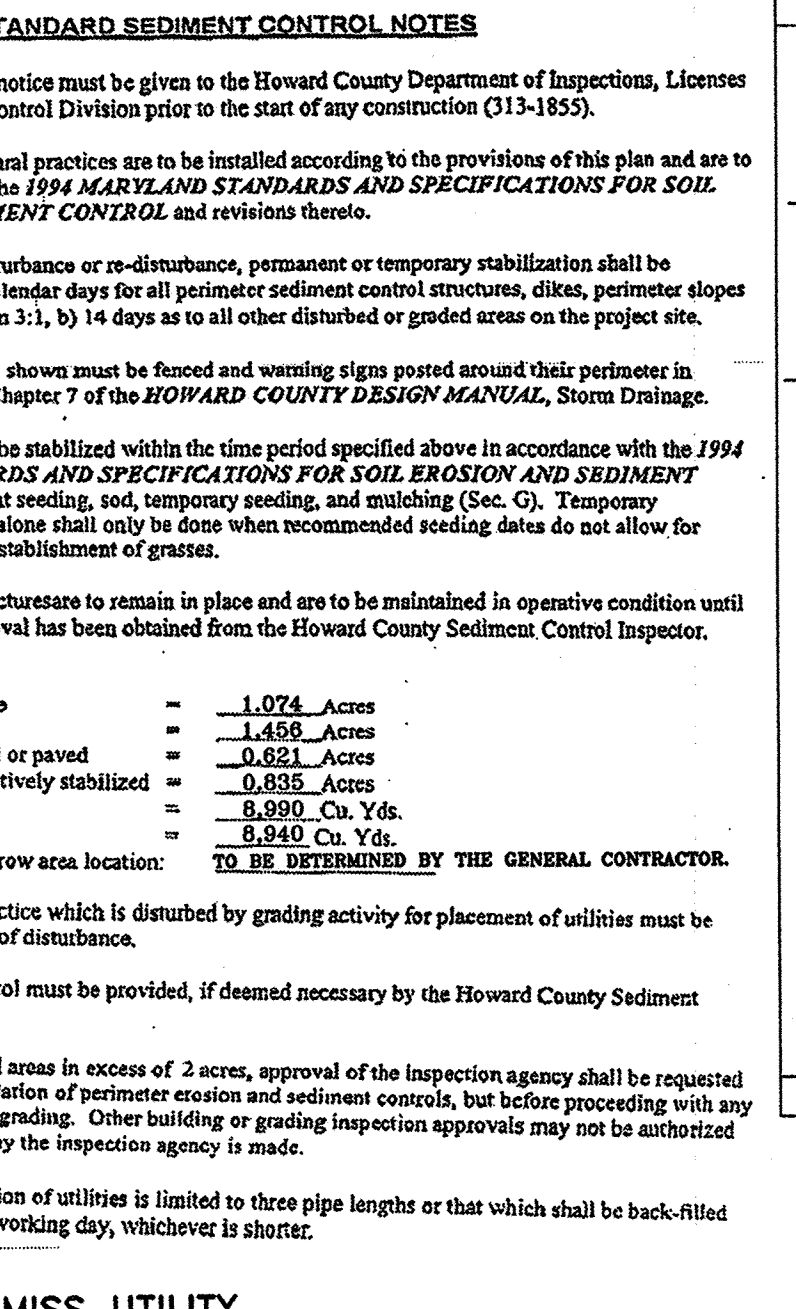


DETAIL 16 CONCENTRIC TRASH RACK AND ANTI-VORTEX DEVICE (continued)
Table with columns: Riser Size, Trash Rack, Minimum Top, Minimum Bottom, etc.



HOWARD SOIL CONSERVATION DISTRICT
PERMANENT SEDIMENT NOTES
Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.
Soil Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.
Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:
1. Topsoil - Apply 2 tons/acre dolomitic limestone (92 lbs/1000 sq. ft.) and 600 lbs/acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil.
2. Assemble - Apply 2 tons/acre dolomitic limestone (92 lbs/1000 sq. ft.) and 1000 lbs/acre 10-10-10 fertilizer (23 lbs/1000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil.
Seeding - For the periods March 1 - April 30, and August 1 - October 15, seed with 60 lbs/acre (1.4 lbs/1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 - July 31, seed with 60 lbs/acre of Kentucky 31 Tall Fescue per acre and 2 lbs/acre (0.5 lbs/1000 sq. ft.) of creeping lovegrass. During the period of October 16 - February 28, protect also by:
Option 1 - Two tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option 2 - 1/2 ton of emulsified asphalt on flat areas. On slope 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq. ft.) for anchoring.
Mulching - Apply 1-1/2 to 2 tons/acre (70 to 90 lbs/1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slope 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq. ft.) for anchoring.
Maintenance - Inspect all seeding areas and make needed repairs, replacements and reseedings.
TEMPORARY SEDIMENT NOTES
Apply to graded or cleared areas likely to be re-disturbed where a short-term vegetative cover is needed.
Soil Preparation - Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.
Soil Amendments - Apply 600 lbs/acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.).
Seeding - For periods March 1 - April 30 and from August 15 - October 15, seed with 2-1/2 bushel per acre of annual ryegrass (1.2 lbs/1000 sq. ft.). For the period May 1 - August 14, seed with 3 lbs/acre of creeping lovegrass (0.7 lbs/1000 sq. ft.). For the period November 16 - February 28, protect also by applying 2 tons/acre of well anchored straw mulch and seed as soon as possible in the spring, or use seed.
Mulching - Apply 1-1/2 to 2 tons/acre (70 to 90 lbs/1000 sq. ft.) of unrotted wood-free, small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal. per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slope 8 ft. or higher, use 348 gal. per acre (8 gal/1000 sq. ft.) for anchoring.
Refer to the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for additional rules and methods not covered.

HOWARD SOIL CONSERVATION DISTRICT
STANDARD SEDIMENT CONTROL NOTES
1. A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction (313-1855).
2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
3. Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes steeper than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol 1, Chapter 7 of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding, sod, temporary seeding, and mulching (Sec. C). Temporary stabilization with mulch alone shall only be used where recommended seeding dates do not allow for proper germination and establishment of grasses.
6. All sediment control structures to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
7. Site Analysis:
Total Area of Site = 1.074 Acres
Area Disturbed = 0.821 Acres
Area to be roofed or paved = 0.835 Acres
Total Curb Yds. = 8,200 C.Yds.
Total Fill = 8,940 Cu. Yds.
Offsite water/soil area location: TO BE DETERMINED BY THE GENERAL CONTRACTOR.
8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
9. Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
10. On all sites with disturbed areas in excess of 2 acres, approval of the Inspection Agency shall be requested prior to completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
11. Trenches for the construction of utilities are limited to three pipe lengths or that which shall be back-filled and stabilized within one working day, whichever is shorter.



ANDREW G. STINE
PROFESSIONAL ENGINEER
MARYLAND LICENSE No. 37687

MISS UTILITY
BEFORE YOU DIG CALL
1-800-257-7777
PROJECT HOURS: ONE THREE WORKING DAYS NOTICE

A.J. VOLANTH
B.M. PITTS
BOHLER ENGINEERS, P.C.
776 MOUNTAIN BLVD., WASHINGTON, N.C. 27683
(919) 868-8300
22130 DANFORTH DRIVE, SUITE 201, ZELLSVILLE, VIRGINIA 20164
PHONE: (703) 709-9500
1120 WELLS ROAD, SUITE 202, WATKINS, N.C. 27689
(215) 393-8300

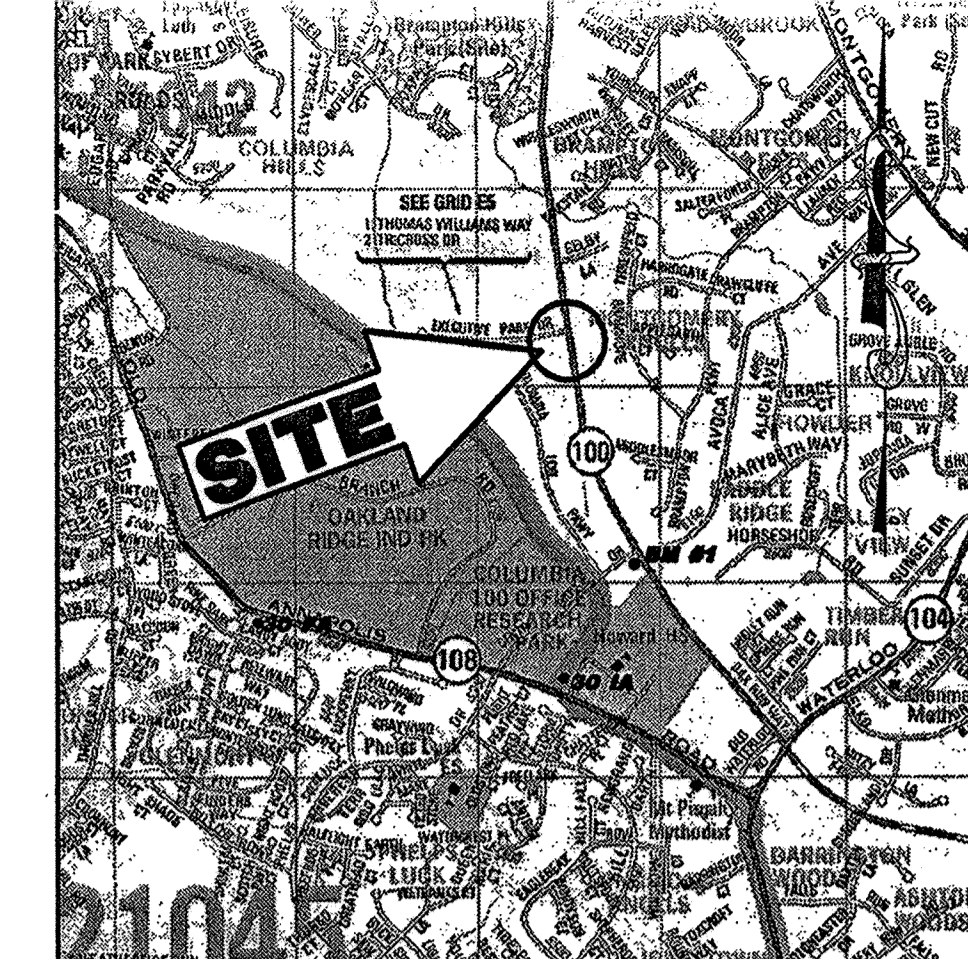
OF 17
SDP-00-30

GENERAL NOTES

- ENTIRE SITE IS G1B2 (GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED).
- HYDROLOGIC SOIL GROUP B. 2-6% SLOPES. PASTURE/RANGE. FAIR

LEGEND

- ===== PROPERTY LINE
- EXISTING STORM SEWER
- ~ 600 ~ EXISTING CONTOUR & ELEVATION
- TC PATH
- DRAINAGE DIVIDE



LOCATION MAP
COPYRIGHT AEC MAP PEOPLE
PERMIT USE NO. 20604276
SCALE: 1"=2000'

Project No. S99233
Cad ID # S9233PD3
Drawn By: D.G.D.
Checked By: E.M.P.

97-120
5200 Buffington Road
Atlanta, Georgia 30349 2998
Telephone 404 765 8000



MD ROUTE 100 AND
EXECUTIVE PARK DRIVE
COLUMBIA, HOWARD COUNTY, MD

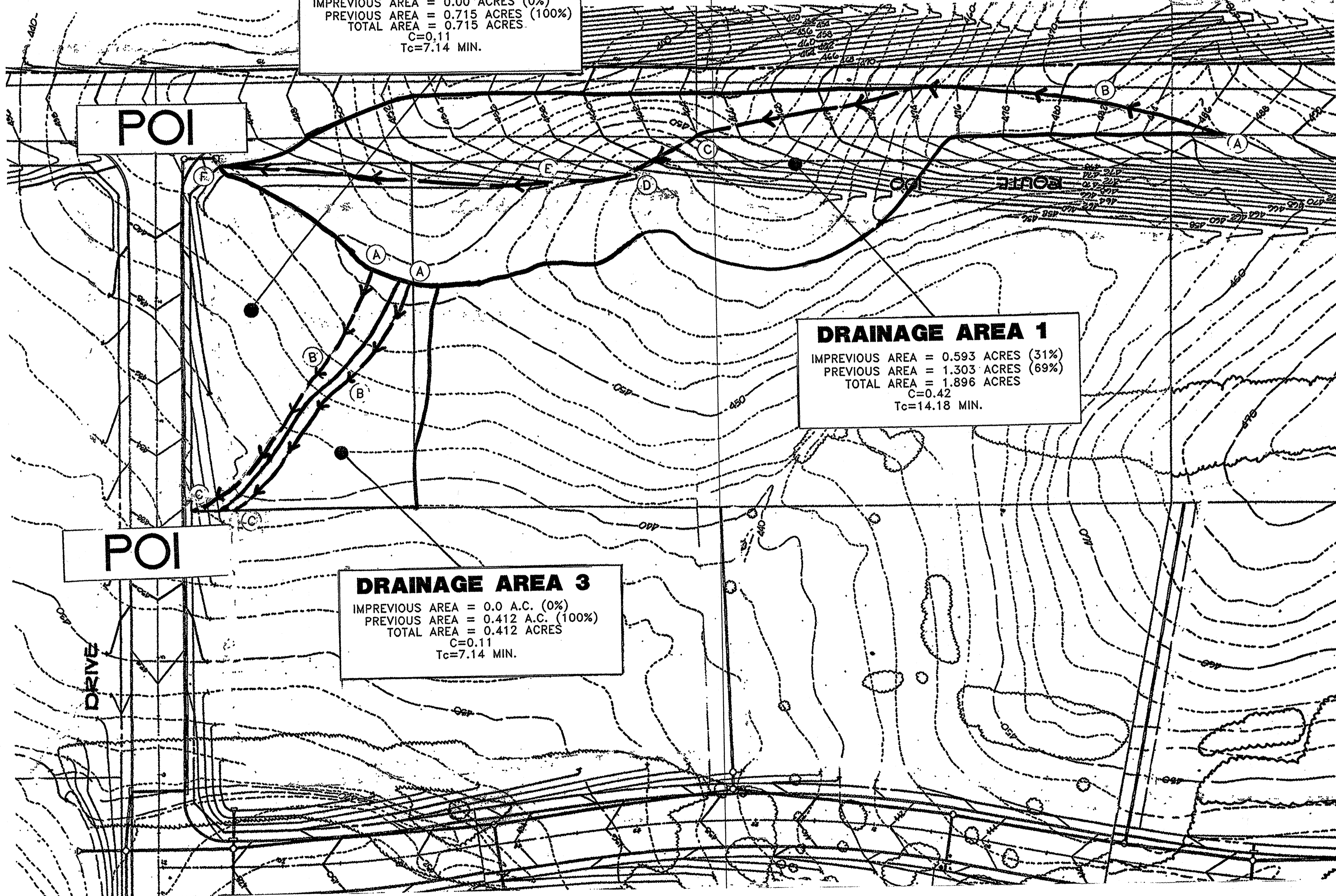
Project Date: 7/6/99
Revision # Date
1. 10/29/99 Revision Per Client & County Comments
2. 11/25/99 Revision Per County Comments
3. 02/10/00 Revision Per Client & County Comments

Sheet Title **PRE-DEVELOPMENT DRAINAGE AREA MAP**
DATE SUBMITTED PLANS 7/13/10

DRAINAGE AREA 2
IMPREVIOUS AREA = 0.00 ACRES (0%)
PREVIOUS AREA = 0.715 ACRES (100%)
TOTAL AREA = 0.715 ACRES
C=0.11
Tc=7.14 MIN.

DRAINAGE AREA 1
IMPREVIOUS AREA = 0.593 ACRES (31%)
PREVIOUS AREA = 1.303 ACRES (69%)
TOTAL AREA = 1.896 ACRES
C=0.42
Tc=14.18 MIN.

DRAINAGE AREA 3
IMPREVIOUS AREA = 0.0 A.C. (0%)
PREVIOUS AREA = 0.412 A.C. (100%)
TOTAL AREA = 0.412 ACRES
C=0.11
Tc=7.14 MIN.



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
David M. [Signature] 3/22/00
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
[Signature] 3/24/00
DIRECTOR DATE

[Signature] 3/14/00
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

[Signature] 2/21/00
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

ADDRESS CHART

LOT/PARCEL #	STREET ADDRESS
P/O PARCEL P	4905 EXECUTIVE PARK DRIVE

PERMIT INFORMATION BLOCK

SUBDIVISION NAME: EXECUTIVE PARK		SECTION/AREA: PARCEL #:	
COLUMBIA 100 EXECUTIVE CENTER		ONE/TWO	P/O PARCEL P
PLAT: 7528	BLOCK #: 12	ZONE: B-1	TAX/ZONE MAP/ELEC. DIST.: MAP 30 2 6023.02
WATER CODE: G02		SEWER CODE: 5750639	

FOR REVISION 7 ONLY
(NO AS-BUILT INFORMATION)
ANDREW G. STINE

[Signature] 10/10
PROFESSIONAL ENGINEER
MARYLAND LICENSE No. 37087

ANDREW G. STINE, PE
1000 WOODBURN ROAD, SUITE 200
HUNTSVILLE, AL 35894
PHONE: (256) 885-1000

OWNER
EXECUTIVE PARK DRIVE ASSOC., LLC
10 PARKS AVENUE
HUNTSVILLE, MD 21030-4922
(410) 865-1000

MISS UTILITY NOTE
CALL "MISS UTILITY" AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.

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.

A.J. VOLANTH
PROFESSIONAL ENGINEER
VIRGINIA LICENSE No. 0482 031438
MARYLAND LICENSE No. 23042
DISTRICT OF COLUMBIA LICENSE No. 10726
PENNSYLVANIA LICENSE No. 04634-E
DELAWARE LICENSE No. 10724

B.M. PITTS
PROFESSIONAL ENGINEER
VIRGINIA LICENSE No. 0486 030951
MARYLAND LICENSE No. 22994
DISTRICT OF COLUMBIA LICENSE No. 10437

BOHLER ENGINEERING, P.C.
• CIVIL & CONSULTING ENGINEERS • PROJECT MANAGERS
• ENVIRONMENTAL & SITE PLANNERS • MUNICIPAL ENGINEERS
22230 QAV13 DRIVE SUITE 200
776 MOUNTAIN BLVD., WASHINGTON, N.J. 07090
STERLING, VIRGINIA 20104 NORTH WALKER, PA 19044
PHONE: (703) 708-9600 (215) 383-8300

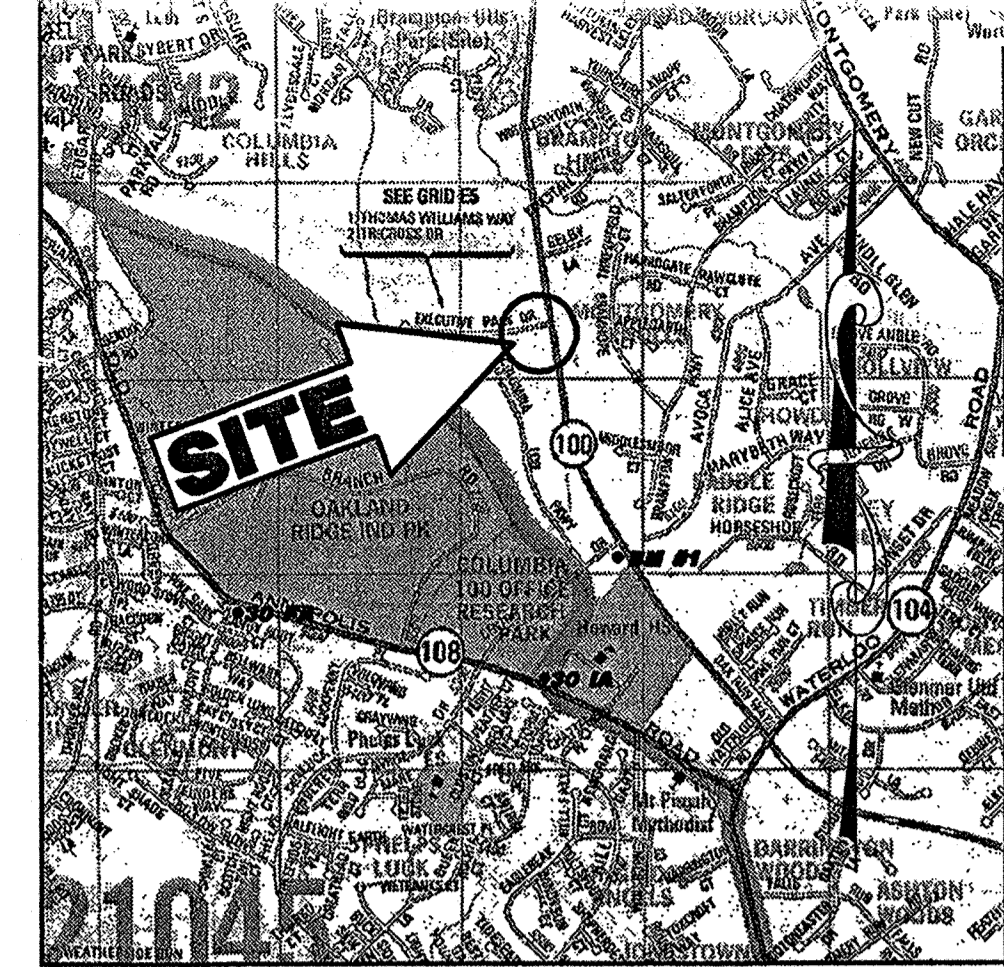
8
OF 17
SDP-00-30

GENERAL NOTES

- ENTIRE SITE IS G1B2 (GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED).
- HYDROLOGIC SOIL GROUP B. 2-6% SLOPES. PASTURE/RANGE. FAIR FOR REVISION 7 ONLY (NO AS-BUILT INFORMATION) ANDREW G. STINE

LEGEND

- PROPERTY LINE
- W --- APPROX. LOC. UNDERGROUND WATER LINE
- W --- WATER LINE
- EXISTING STORM SEWER
- G --- GAS MAIN
- G --- APPROX. LOC. UNDERGROUND GAS LINE
- OH --- EXISTING POWER POLE & O.H. ELECTRIC LINES
- T --- APPROX. LOC. UNDERGROUND TEL. LINE
- E --- PROPOSED UNDERGROUND ELECTRIC SERVICE (NO. & SIZE OF CONDUITS NOT DEFINED)
- T --- PROPOSED CONDUIT FOR TELEPHONE SERVICE
- EXISTING CONTOUR & ELEVATION
- 600 --- TC PATH
- DRAINAGE DIVIDE
- HYDRANT
- WV --- UTILITY VALVE
- SPILL GUTTER



LOCATION MAP
COPYRIGHT ADC THE MAP PEOPLE
PERMIT USE NO. 20694276
SCALE: 1"=200'

Project No. S99233
Cad ID # S9233PP3
Drawn By: D.G.D.
Checked By: B.M.P.

97-120
5200 Buffington Road
Atlanta, Georgia 30349 2998
Telephone 404 765 8000



MD ROUTE 100 AND
EXECUTIVE PARK DRIVE
COLUMBIA, HOWARD COUNTY, MD

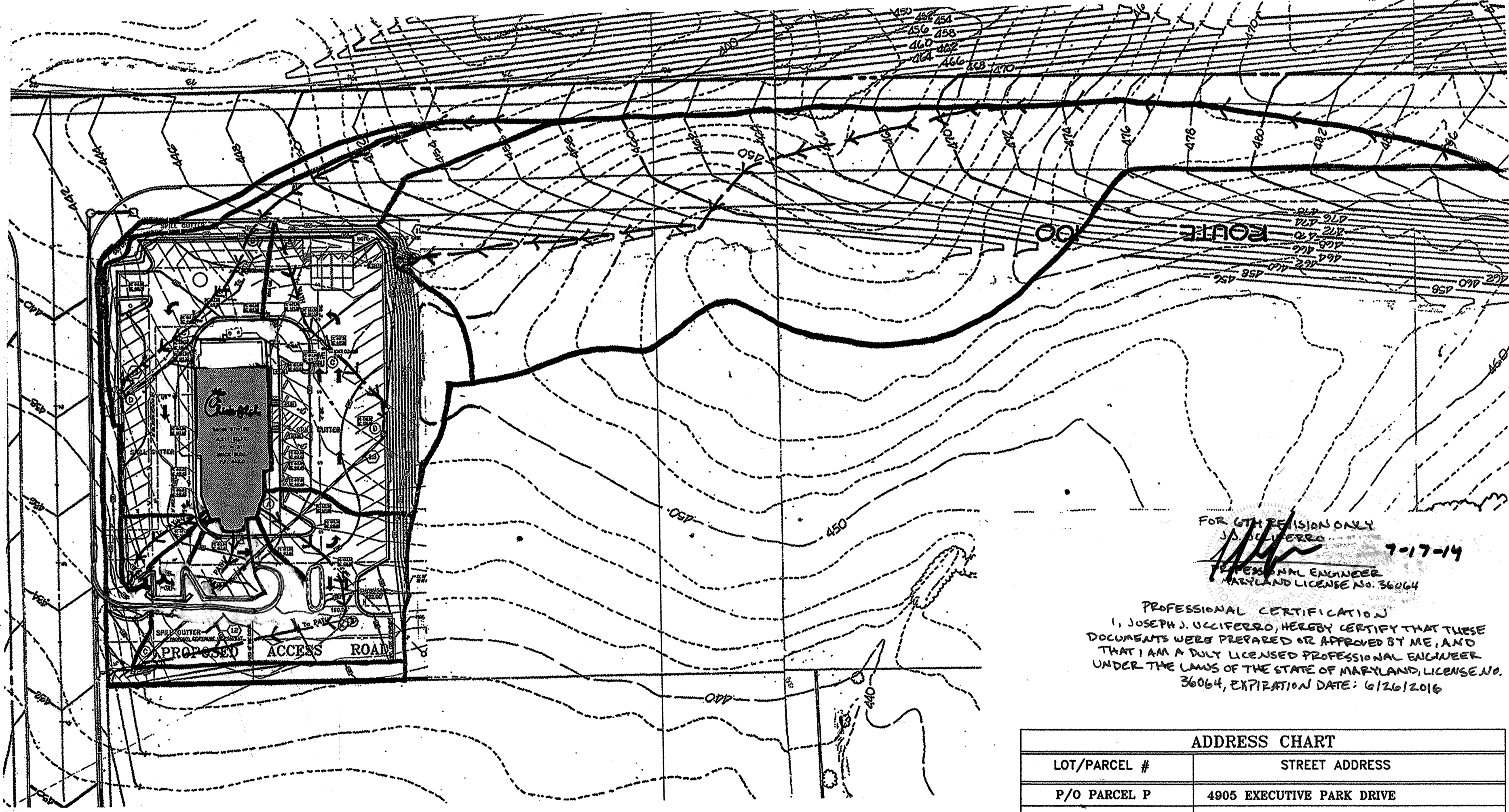
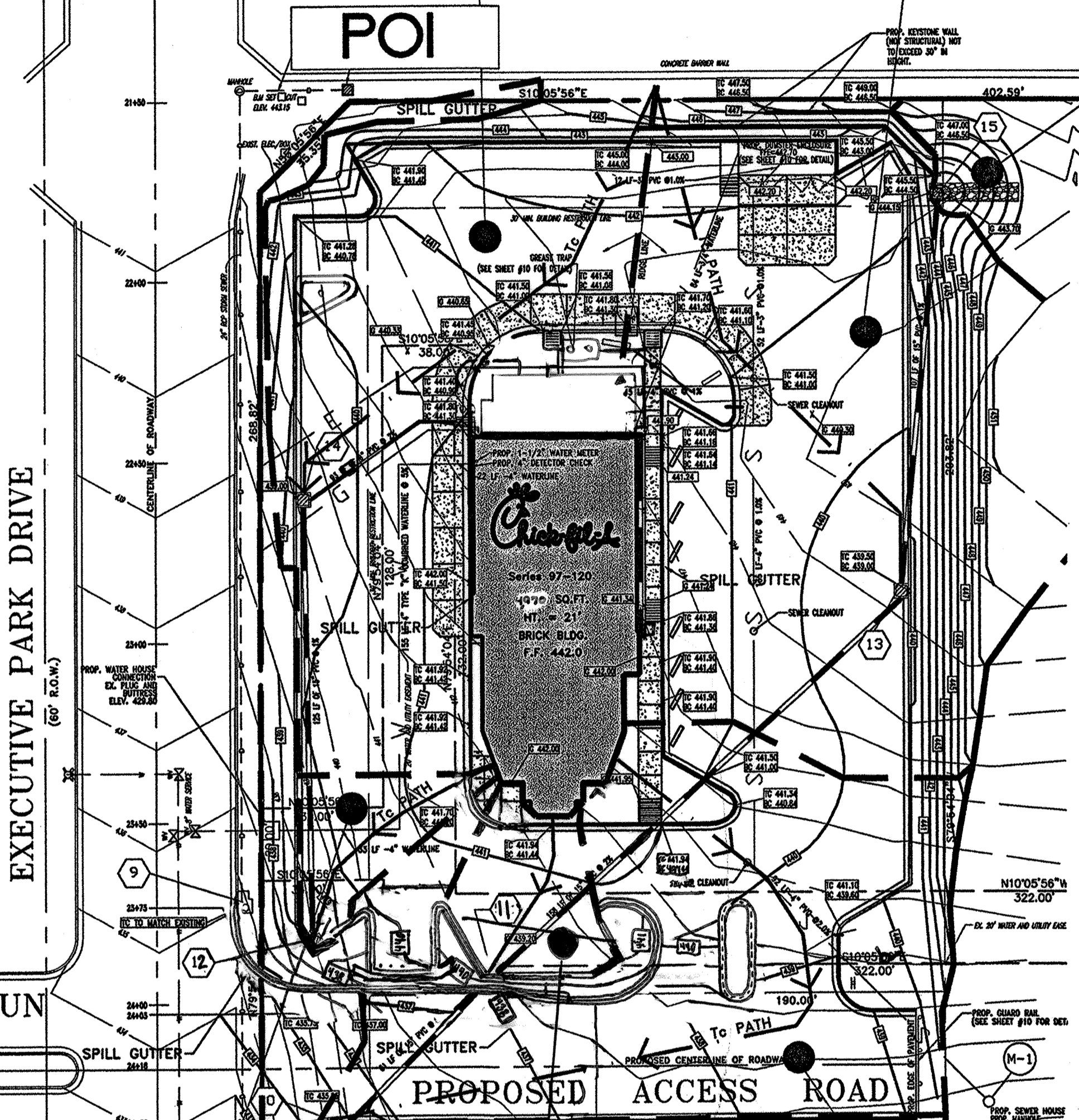
Project Date: 7/6/99
Revision
1. 9/29/99 Revision Per Client & County Comments
2. 11/29/99 Revision Per Client & County Comments
3. 10/10/00 Revision Per Client & County Comments

Sheet Title POST-DEVELOPMENT DRAINAGE AREA MAP
REVISION FOR LEASE AREA ANNOTATION
CONSTRUCTION FIELD CHECK

DRAINAGE AREA 6
IMPERVIOUS AREA = 0.419 ACRES (76%)
PERVIOUS AREA = 0.122 ACRES (24%)
TOTAL AREA = 0.541 ACRES
C=0.75
Tc=5 MIN.

DRAINAGE AREA 2
IMPERVIOUS AREA = 0.380 ACRES (66%)
PERVIOUS AREA = 0.194 ACRES (35%)
TOTAL AREA = 0.574 ACRES
C=0.69
Tc=5 MIN.

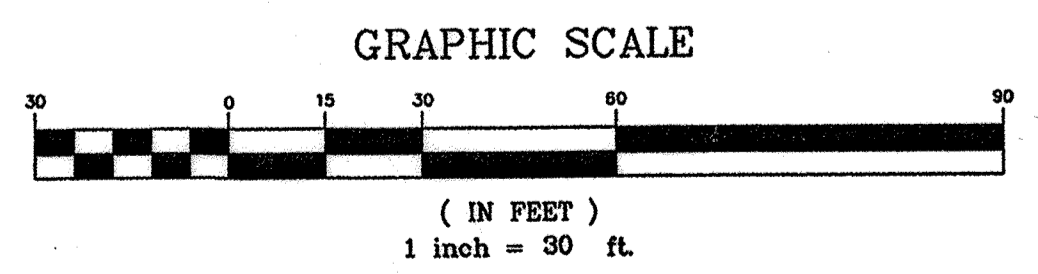
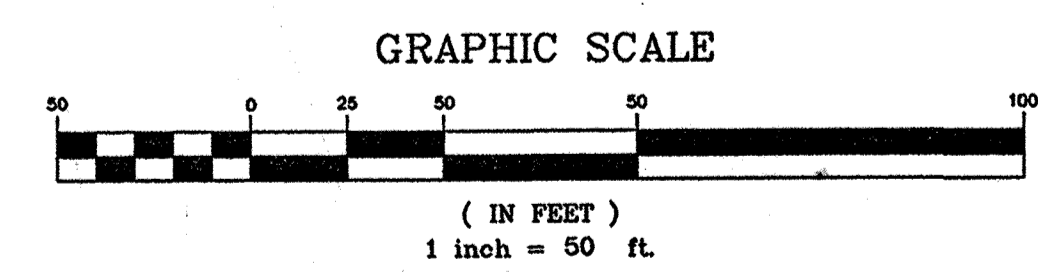
DRAINAGE AREA 1
IMPERVIOUS AREA = 0.469 ACRES (30%)
PERVIOUS AREA = 1.052 ACRES (70%)
TOTAL AREA = 1.521 ACRES
C=0.41
Tc=5 MIN.



DRAINAGE AREA 5
IMPERVIOUS AREA = 0.033 ACRES (97%)
PERVIOUS AREA = 0.001 ACRES (3%)
TOTAL AREA = 0.034 ACRES
C=0.93
Tc=5 MIN.

DRAINAGE AREA 4
IMPERVIOUS AREA = 0.036 ACRES (99%)
PERVIOUS AREA = 0.005 ACRES (12%)
TOTAL AREA = 0.041 ACRES
C=0.36
Tc=5 MIN.

DRAINAGE AREA 3
IMPERVIOUS AREA = 0.212 ACRES (80%)
PERVIOUS AREA = 0.068 ACRES (20%)
TOTAL AREA = 0.280 ACRES
C=0.80
Tc=5.34 MIN.



LEASE AREA

MISS UTILITY NOTE
CALL "MISS UTILITY" AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.

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FOR 8TH REVISION ONLY
ANDREW G. STINE
PROFESSIONAL ENGINEER

1. ANDREW G. STINE, 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. 37681. EXPIRATION DATE: 7/12/17

FOR 5TH REVISION ONLY

PROFESSIONAL CERTIFICATION
I, JOSEPH J. UCCIFERRO, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER LAWS OF THE STATE OF MARYLAND, LICENSE NO. 36064, EXPIRATION DATE 6/26/2016.

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
P/O PARCEL P	4905 EXECUTIVE PARK DRIVE

PERMIT INFORMATION BLOCK				
SUBDIVISION NAME:		SECTION/AREA:	PARCEL #:	
COLUMBIA 100 EXECUTIVE CENTER		ONE/TWO	P/O PARCEL P	
PLAT:	BLOCK #:	ZONE:	TAX/ZONE MAP:	ELEC. DIST.:
7526	12	B-1	MAP 30	2
WATER CODE: G02			SEWER CODE: 5750639	

OWNER
EXECUTIVE PARK DRIVE ASSOC., LLC.
10 PARK AVENUE
HUNTSVILLE, MD 21090-4922
(410) 866-1000

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
COUNTY HEALTH OFFICER: [Signature] DATE: 2/22/00
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
DIRECTOR: [Signature] DATE: 3/24/00
CHIEF, DEVELOPMENT ENGINEERING DIVISION: [Signature] DATE: 3/14/00
CHIEF, DIVISION OF LAND DEVELOPMENT: [Signature] DATE: 3/21/00

A.J. VOLANTH
PROFESSIONAL ENGINEER
VIRGINIA LICENSE NO. 6482 031488
MARYLAND LICENSE NO. 51942
DISTRICT OF COLUMBIA LICENSE NO. 10726
PENNSYLVANIA LICENSE NO. 048204-C
DELAWARE LICENSE NO. 10734

B.M. PITTS
PROFESSIONAL ENGINEER
VIRGINIA LICENSE NO. 0482 039951
MARYLAND LICENSE NO. 52829
DISTRICT OF COLUMBIA LICENSE NO. 10437

BOHLER ENGINEERING, P.C.
• CIVIL & CONSULTING ENGINEERS • PROJECT MANAGERS
• ENVIRONMENTAL & SITE PLANNERS • MUNICIPAL ENGINEERS
22430 ROUTE 15, DRIVE SUITE 200
STERLING, VIRGINIA 20164
PHONE: (703) 709-8500
1120 WELSH ROAD, SUITE 200
NORTH WALES, PA 19454
(215) 393-8300

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
P/O PARCEL P	4905 EXECUTIVE PARK DRIVE

PERMIT INFORMATION BLOCK					
SUBDIVISION NAME:		SECTION/AREA:	PARCEL #:		
COLUMBIA 100 EXECUTIVE CENTER		ONE/TWO	P/O PARCEL P		
PLAT:	BLOCK #:	ZONE:	TAX/ZONE MAP:	ELEC. DIST.:	CENSUS TRACT:
7526	12	B-1	MAP 30	2	6023.02
WATER CODE:		SEWER CODE:			
G02		5750639			

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

Sieme Natusyak MD, MPH 8/2/2000
COUNTY HEALTH OFFICER DATE

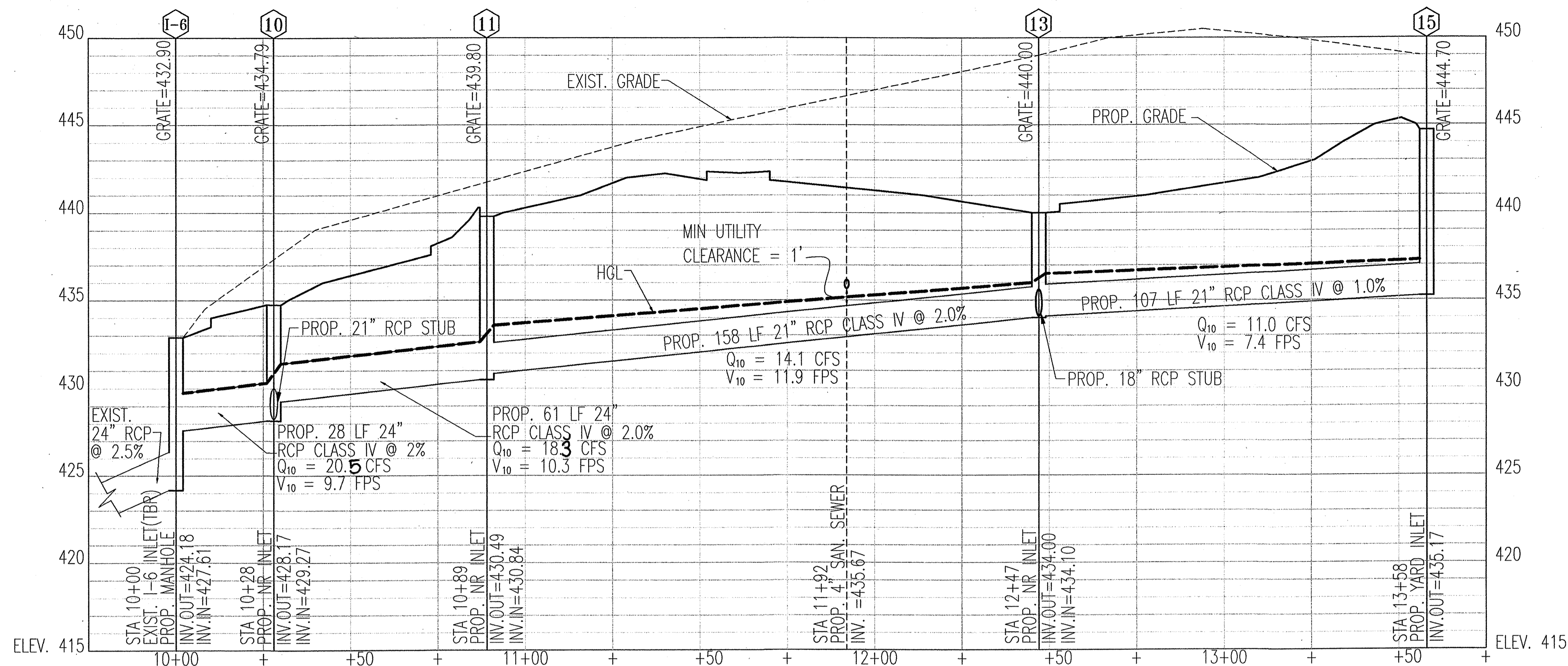
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

Joseph R. ... 8/7/00
DIRECTOR DATE

... 7/24/00
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

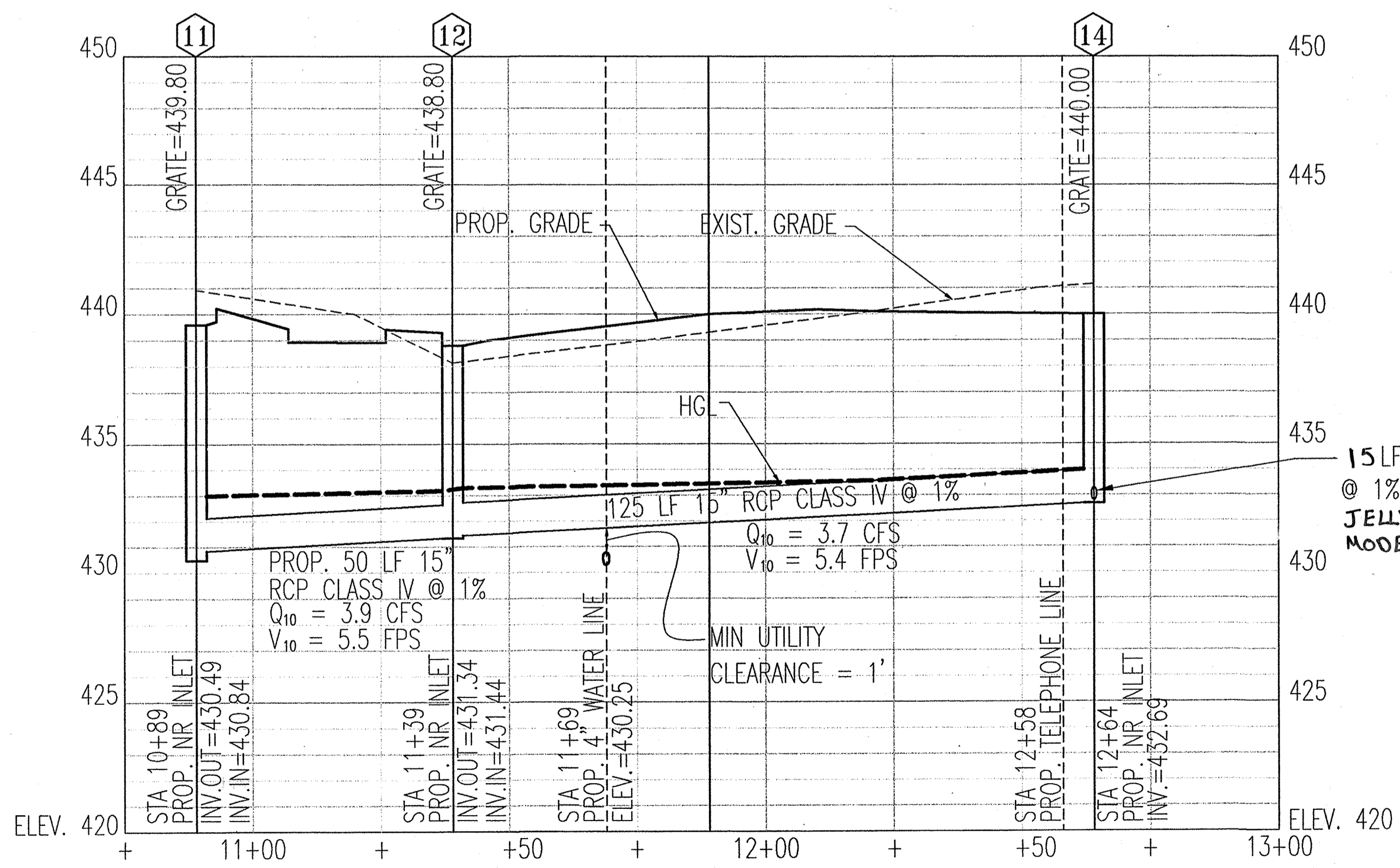
Cindy Hamaker 8/4/00
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

GENERAL NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK 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.



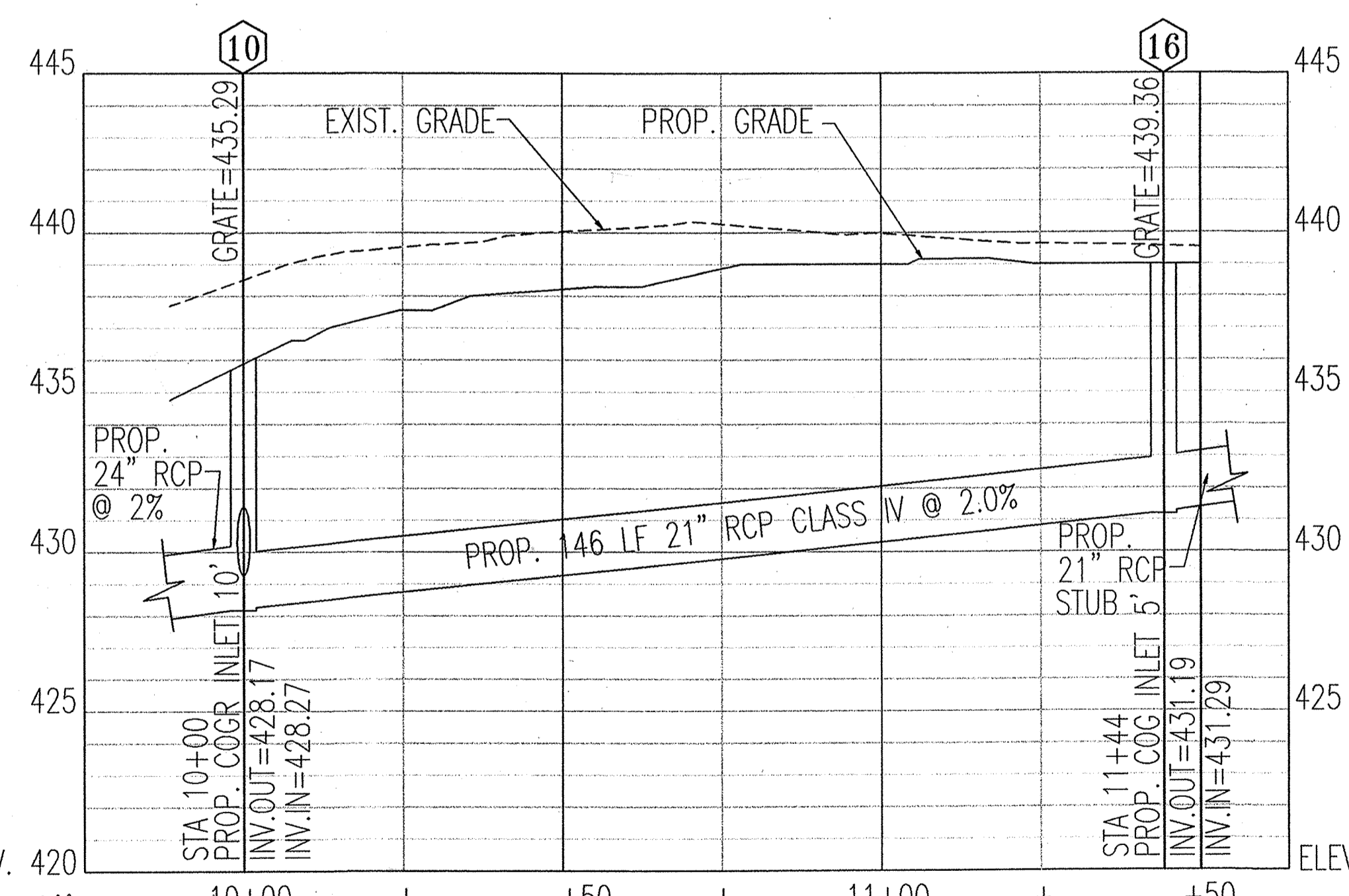
STORM SEWER PROFILE
(FROM STR. I-6 TO STR. 15)
HORZ. SCALE - 1" = 20'
VERT. SCALE - 1" = 4'

FOR 8TH REVISION ONLY



STORM SEWER PROFILE
(FROM STR. 11 TO STR. 14)
HORZ. SCALE - 1" = 20'
VERT. SCALE - 1" = 4'

FOR REVISION ONLY
(NO AS-BUILT INFORMATION)
ANDREW G. STINE
PROFESSIONAL ENGINEER
MARYLAND LICENSE No. 87687



STORM SEWER PROFILE
(FROM STR. 10 TO STR. 16)
HORZ. SCALE - 1" = 20'
VERT. SCALE - 1" = 4'

ANDREW G. STINE
PROFESSIONAL ENGINEER
FOR 5TH REVISION ONLY
PROFESSIONAL CERTIFICATION
I, JOSEPH J. VOLANTH, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A QUALY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF MARYLAND, LICENSE NO. 36064, EXPIRATION DATE 6/16/2004.

This Sheet Supercedes
Sheet 10 of 16 that was
Signed March 24, 2000.

OWNER:
EXECUTIVE PARK DRIVE ASSOC., L.L.C.
10 PARKS AVENUE
HUNTSVILLE, MD 21030-4922
(410) 666-1000

A.J. VOLANTH PROFESSIONAL ENGINEER VIRGINIA LICENSE No. 0402 031438 MARYLAND LICENSE No. 21342 DISTRICT OF COLUMBIA LICENSE No. 10726 PENNSYLVANIA LICENSE No. 048314-E DELAWARE LICENSE No. 10734	B.M. PITTS PROFESSIONAL ENGINEER VIRGINIA LICENSE No. 0406 030551 MARYLAND LICENSE No. 21342 DISTRICT OF COLUMBIA LICENSE No. 10726 PENNSYLVANIA LICENSE No. 048314-E DELAWARE LICENSE No. 10734	BOHLER ENGINEERING, P.C. • CIVIL & CONSULTING ENGINEERS • PROJECT MANAGERS • ENVIRONMENTAL & SITE PLANNERS • MUNICIPAL ENGINEERS 120 3RD FAY'S DRIVE SUITE 200 STERLING, VIRGINIA 20164 PHONE: (703) 709-9500 1120 WELSH ROAD, SUITE 200 NORTH WALKER, PA 15064 (215) 393-8300
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Project No. S99233
Cad ID # S9233SP41
Drawn By: D.G.D.
Checked By: E.M.P.

97-120
5200 Buffington Road
Atlanta, Georgia 30349 2998
Telephone 404 765 8000



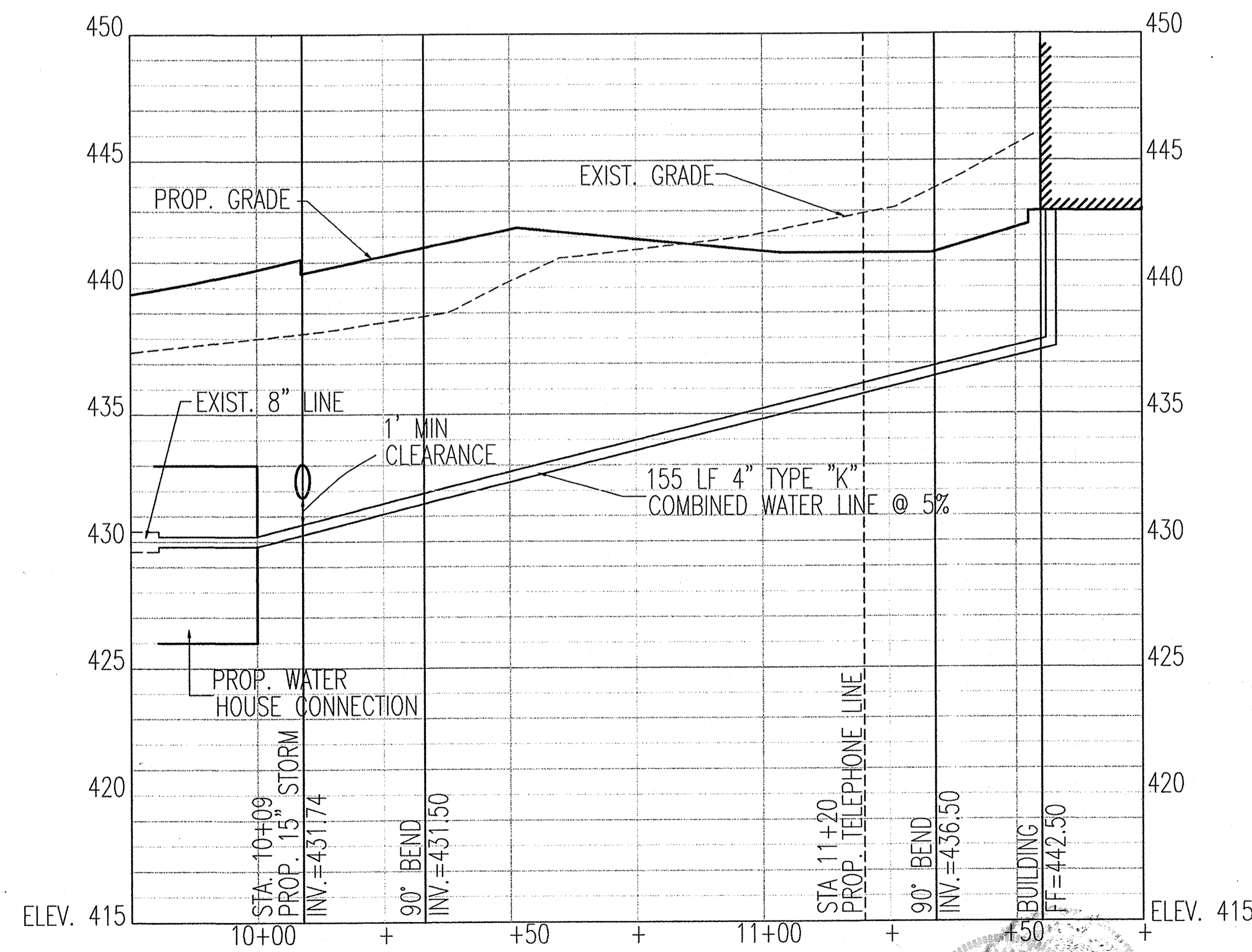
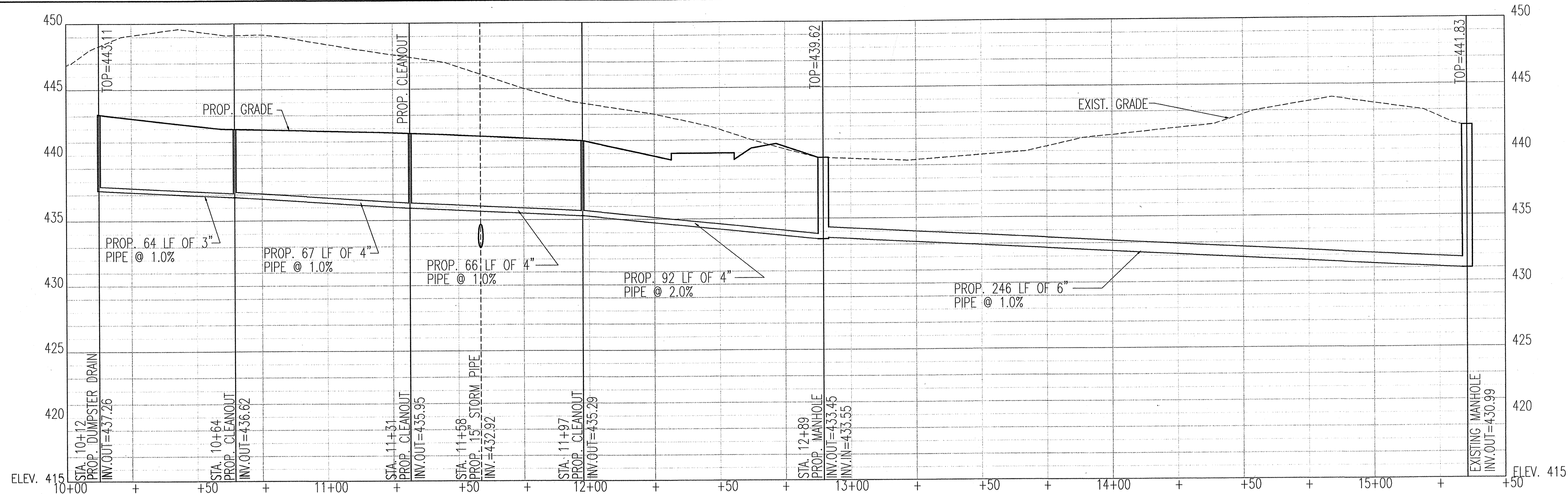
REVISOR'S LIST

Project Date:	Revision	Description
7/6/99 <td>1 <td>MD ROUTE 100 AND EXECUTIVE PARK DRIVE</td> </td>	1 <td>MD ROUTE 100 AND EXECUTIVE PARK DRIVE</td>	MD ROUTE 100 AND EXECUTIVE PARK DRIVE
7/11/00 <td>2 <td>Revised Stormwater Inlet and Pipe</td> </td>	2 <td>Revised Stormwater Inlet and Pipe</td>	Revised Stormwater Inlet and Pipe

Sheet Title **PROFILES AND DETAILS**

7/AS-BUILT PLANS 7/13/18
8/ REVISION FOR ROAD OPENING & UPDATED 02/11/20
9/ INVERTS EXCESS

10
OF 17
SDP-00-30



FOR REVISION 7 ONLY
(NO AS-BUILT INFORMATION)
ANDREW G. STINE

Andrew G. Stine
 PROFESSIONAL ENGINEER
 MARYLAND LICENSE NO. 37687

I, ANDREW G. STINE, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A QUALIFIED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 37687 (EXPIRATION DATE: 7/12/17)

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
P/O PARCEL P	4905 EXECUTIVE PARK DRIVE

PERMIT INFORMATION BLOCK					
SUBDIVISION NAME:		SECTION/AREA: PARCEL #:			
COLUMBIA 100 EXECUTIVE CENTER		ONE/TWO	P/O PARCEL P		
PLAT:	BLOCK #:	ZONE:	TAX/ZONE MAP:	ELEC. DIST.:	CENSUS TRACT.:
7526	12	B-1	MAP 30	2	6023.02
WATER CODE:		SEWER CODE:			
G02		5750639			

This Sheet Supercedes Sheet 11 of 16 that was signed March 24, 2000.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Deane Matysiak MD, MPH 8/2/2000
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
David Smith 8/7/00
 DIRECTOR DATE

Mike Dammon 7/24/00
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

Cindy Hamrick 8/4/00
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

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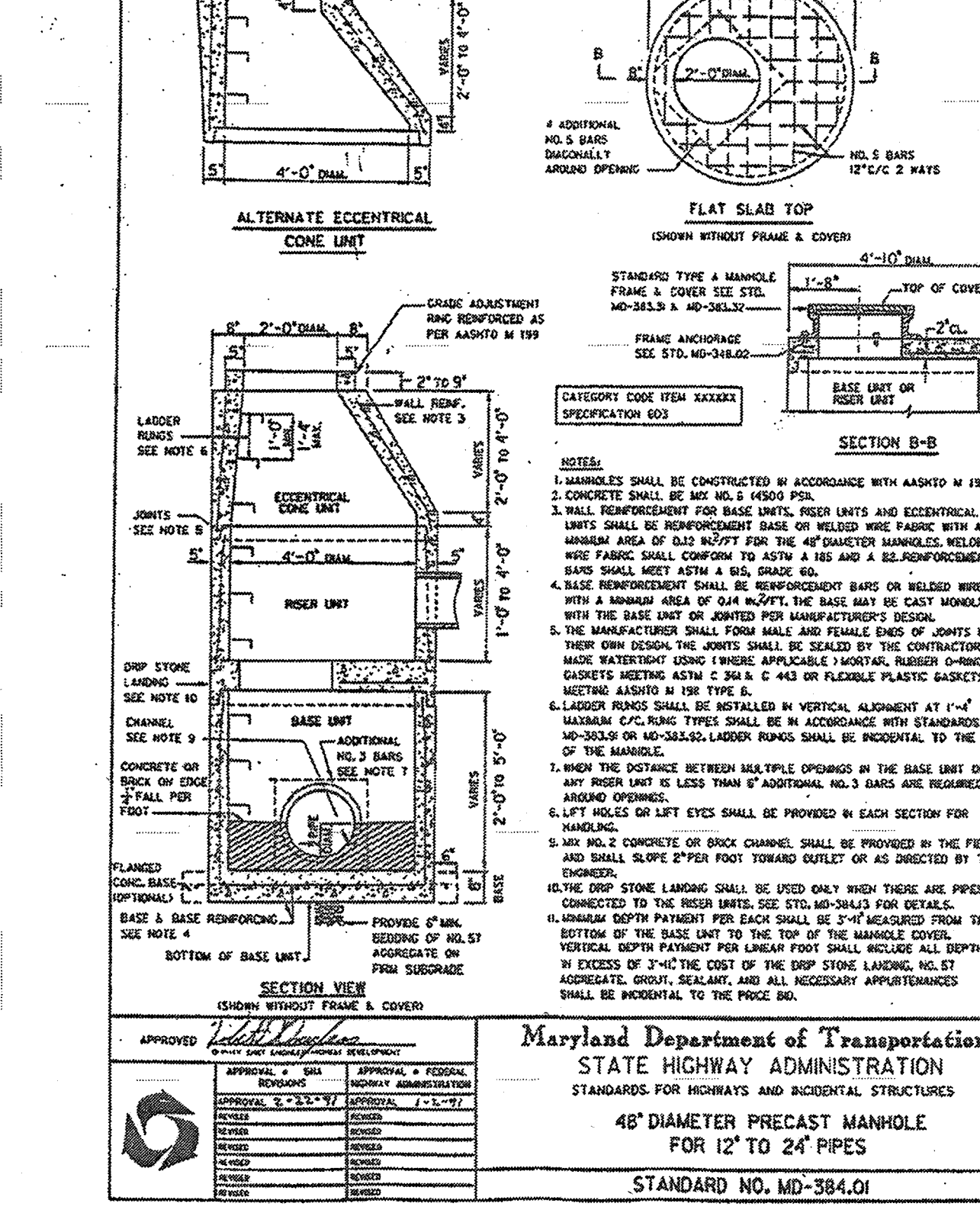
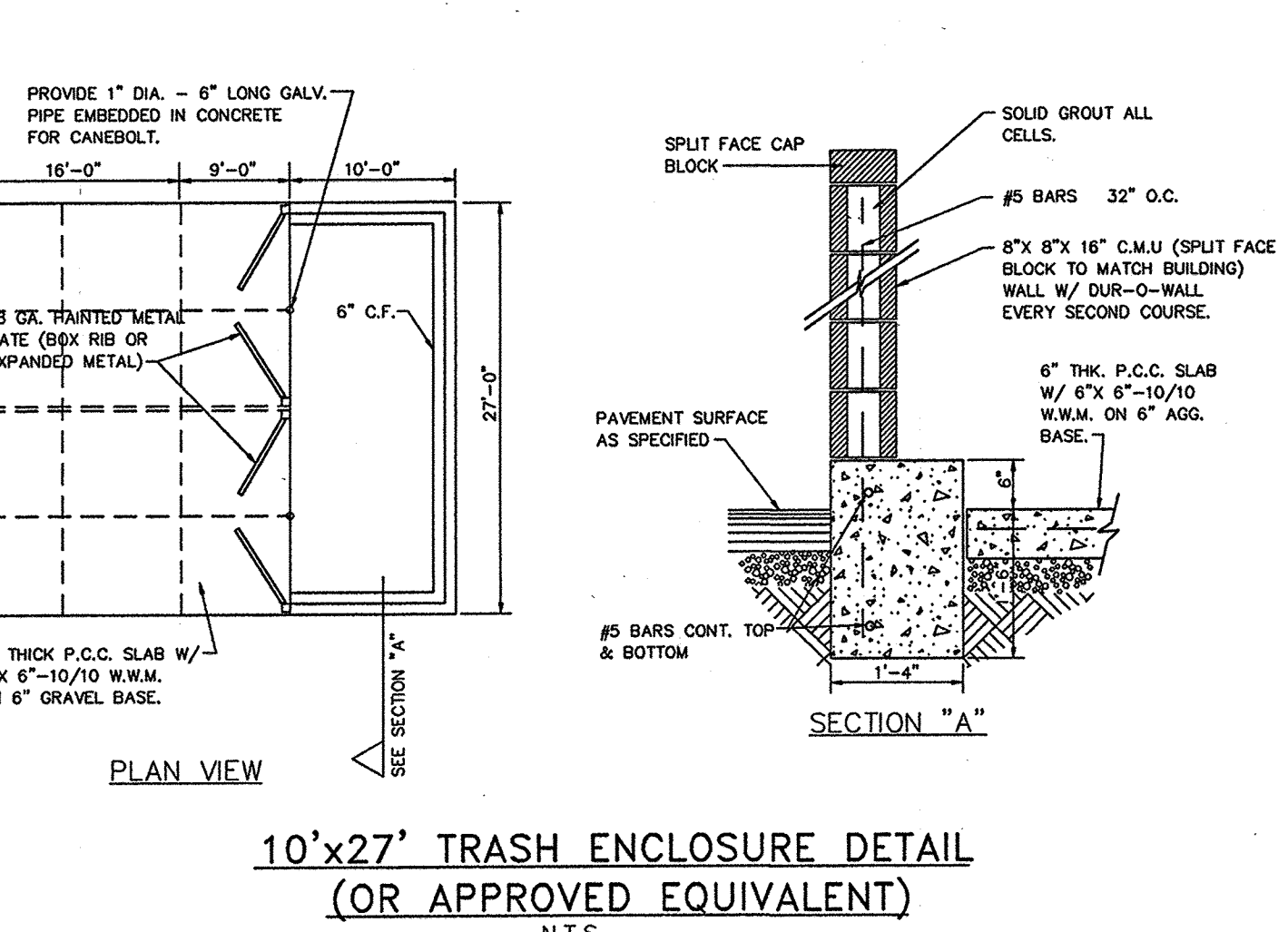
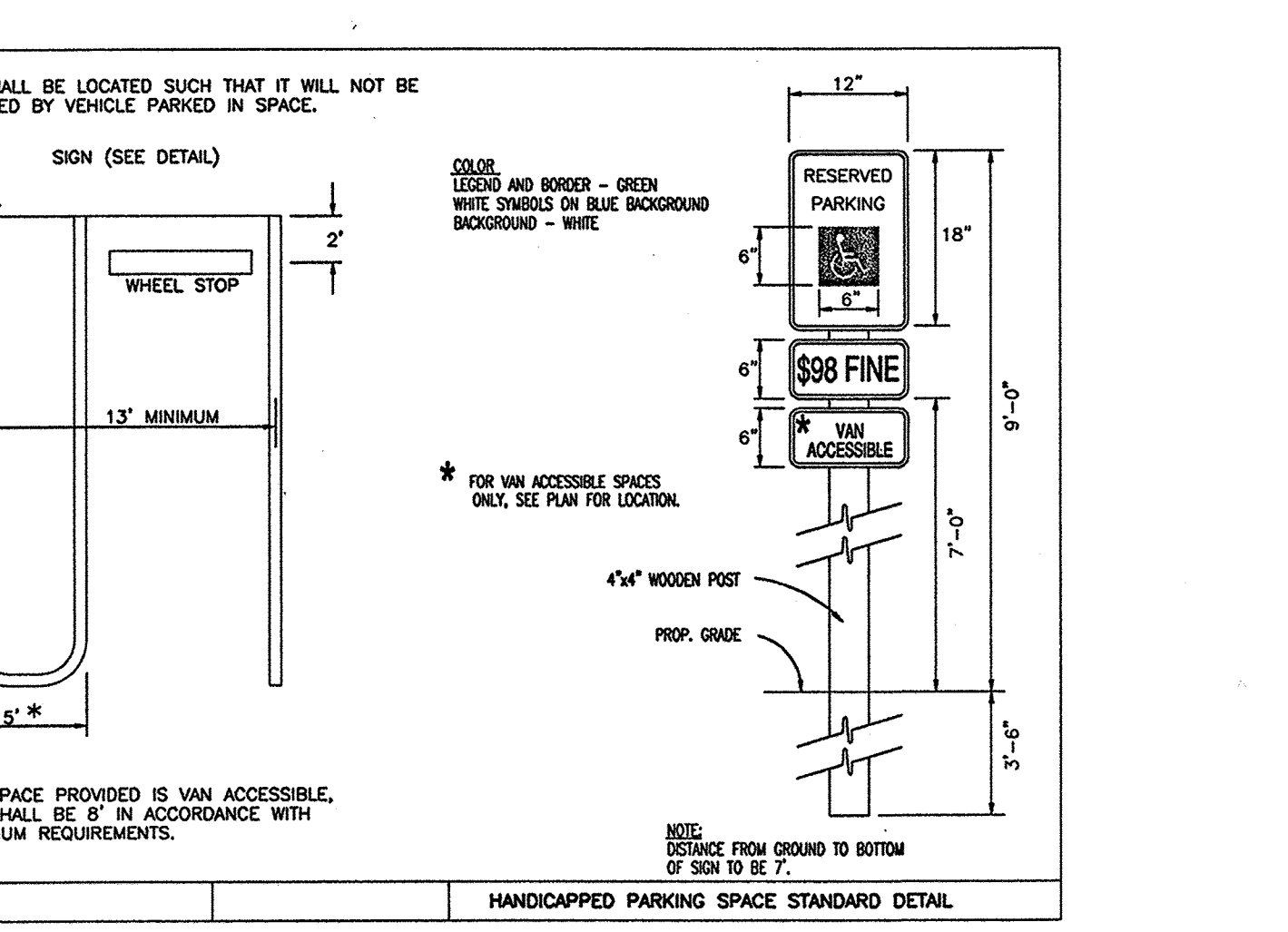
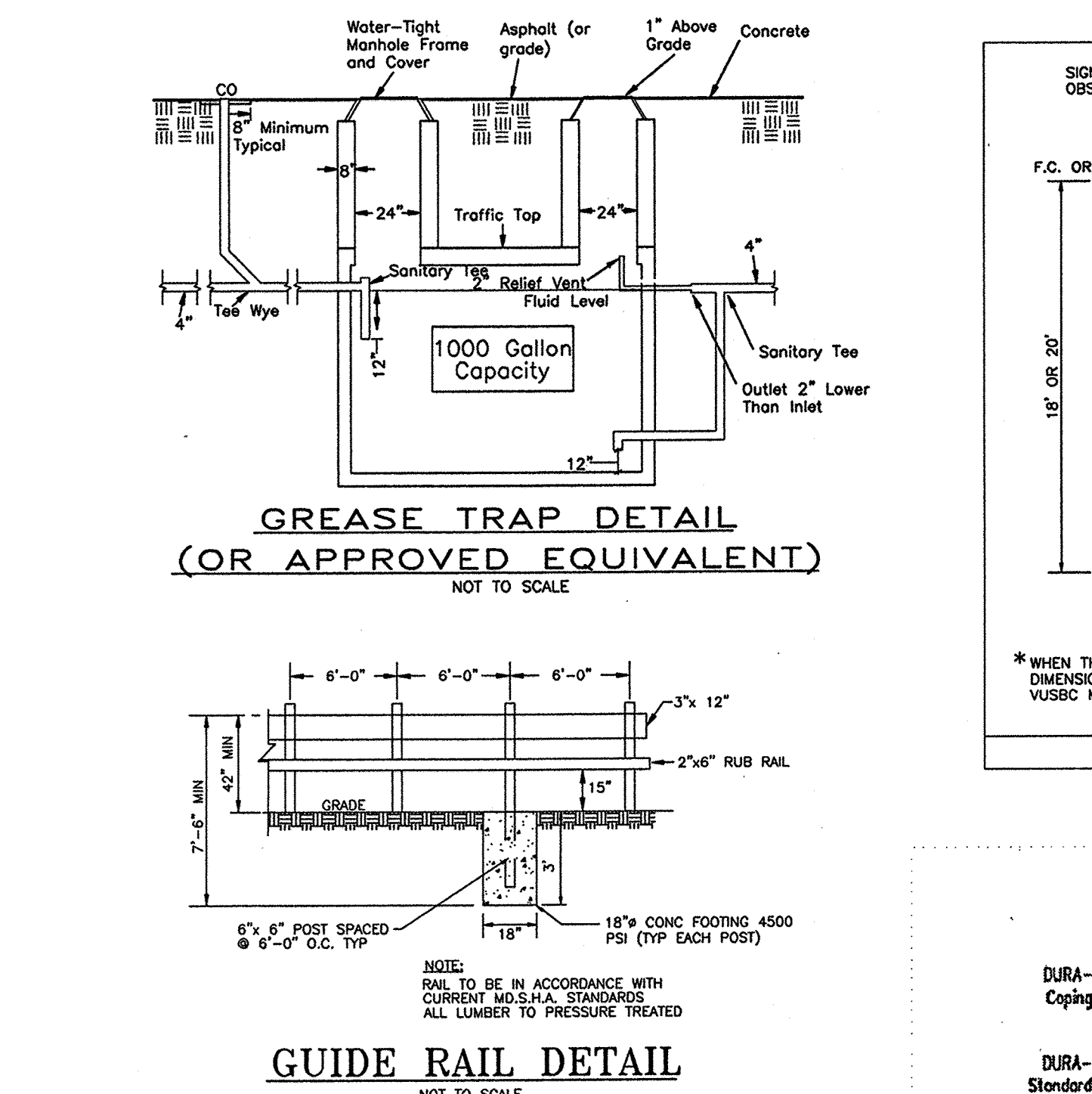
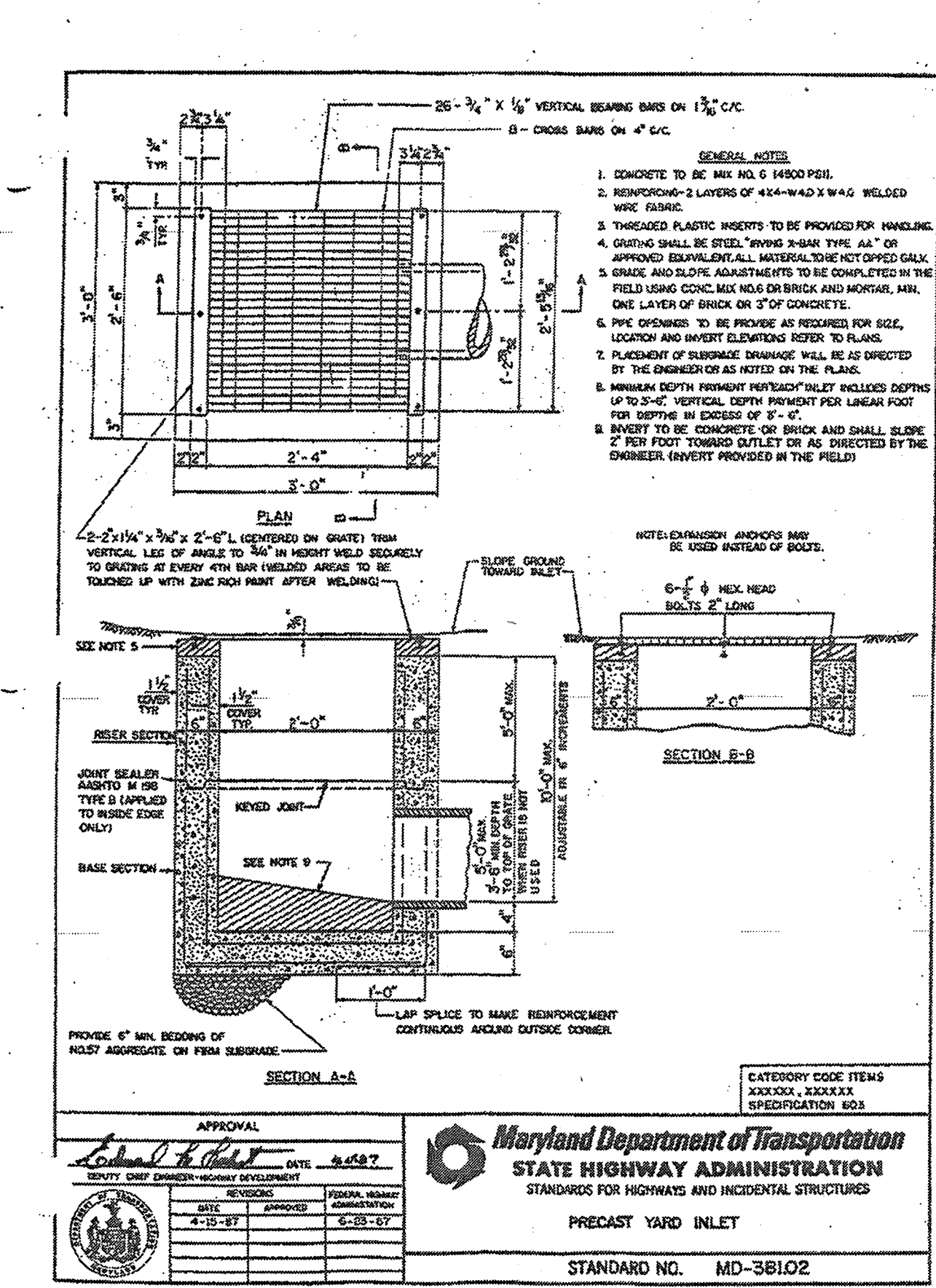
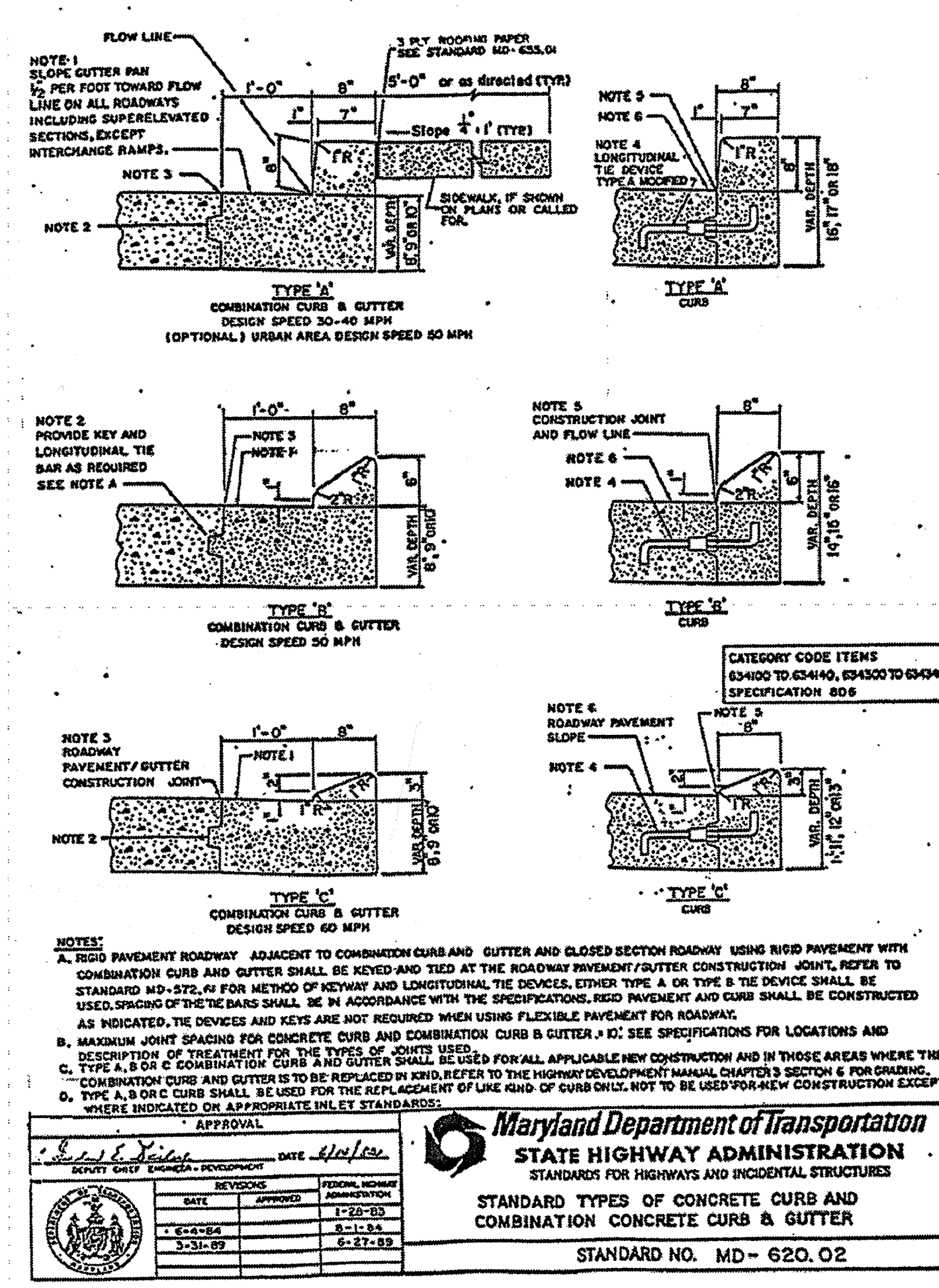
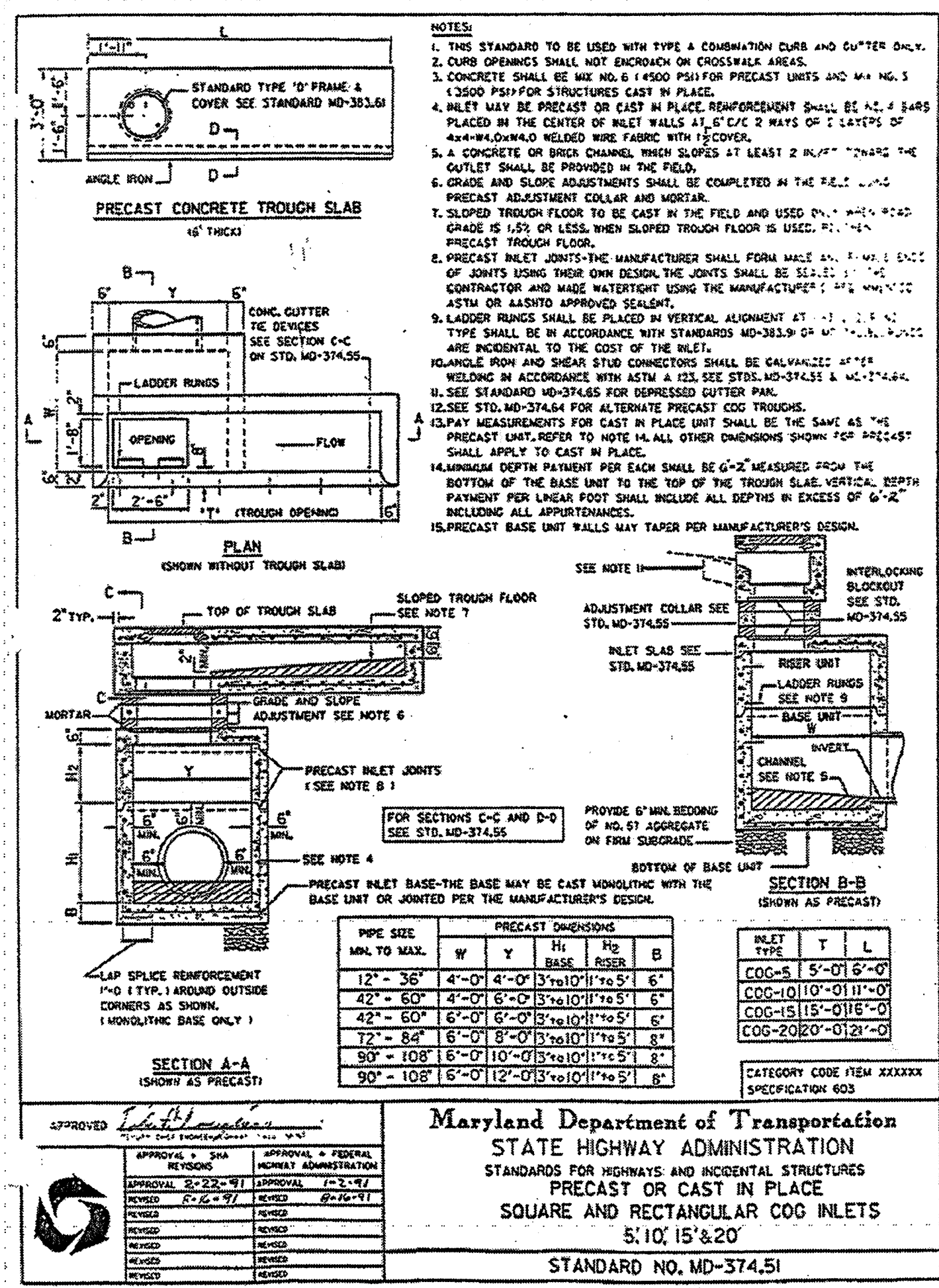
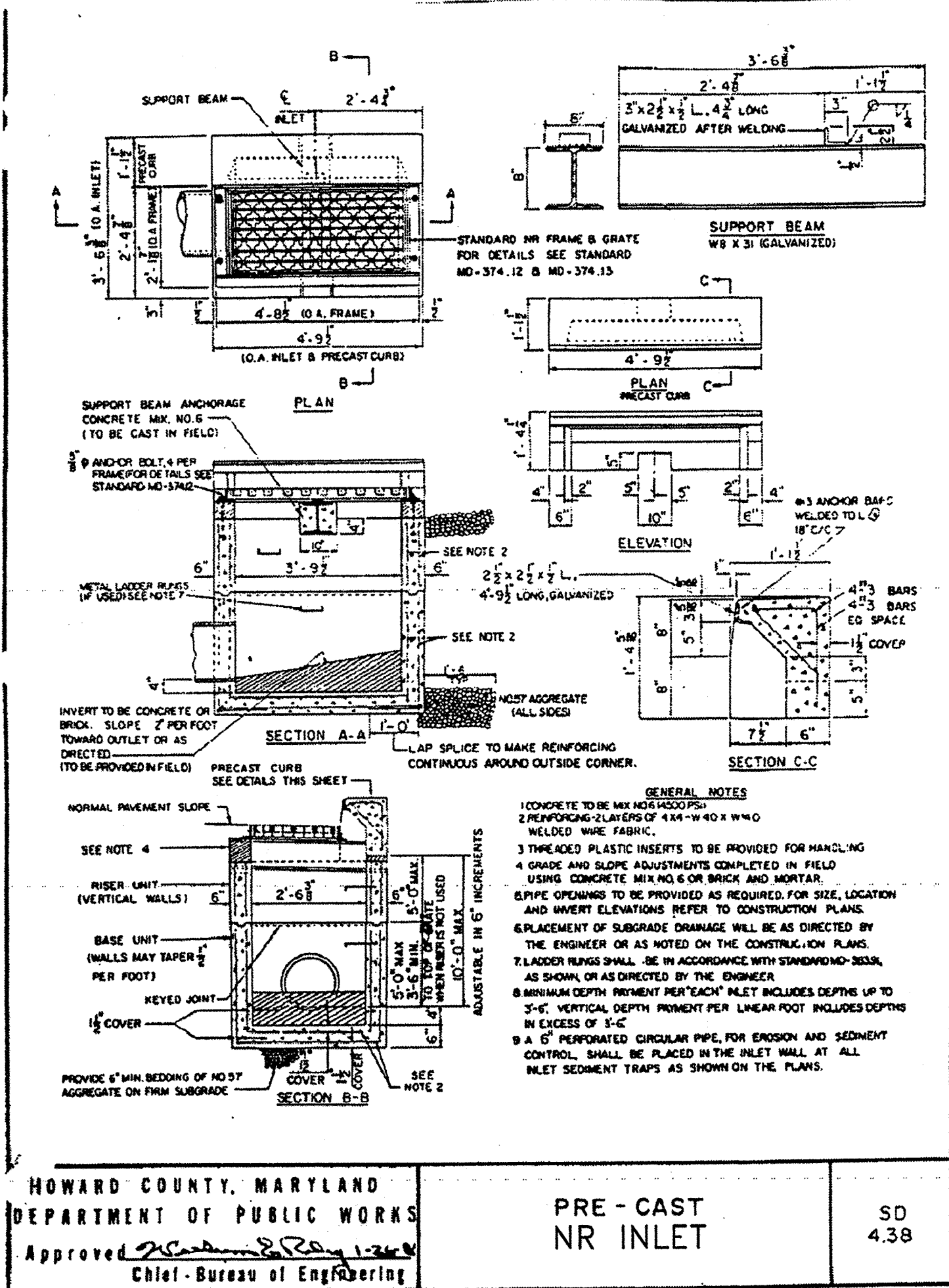
A.J. VOLANTH PROFESSIONAL ENGINEER VIRGINIA LICENSE No. 0402 031438 MARYLAND LICENSE No. 21342 DISTRICT OF COLUMBIA LICENSE No. 10726 PENNSYLVANIA LICENSE No. 048314-E DELAWARE LICENSE No. 10734	B.M. PITTS PROFESSIONAL ENGINEER VIRGINIA LICENSE No. 0402 030851 MARYLAND LICENSE No. 28620 DISTRICT OF COLUMBIA LICENSE No. 10437	BOHLER ENGINEERING, P.C. • CIVIL & CONSULTING ENGINEERS • PROJECT MANAGERS • ENVIRONMENTAL & SITE PLANNERS • MUNICIPAL ENGINEERS 2270 TRAVIS DRIVE SUITE 204 STERLING, VIRGINIA 20164 PHONE: (703) 708-8500 1120 WELSH ROAD, SUITE 200 NORTH WALKES, PA 15454 (215) 393-8300
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Project No. S98233
 Cad ID # S98233PS41
 Drawn By: D.G.D.
 Checked By: B.M.P.

97-120
 5200 Buffington Road
 Atlanta, Georgia 30349 2998
 Telephone 404 765 8000



Project Date: 7/6/99
 Revised: 7/13/11
 SHEET TITLE PROFILES AND DETAILS
 T. AS-BUILT PLANS 7/13/11



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

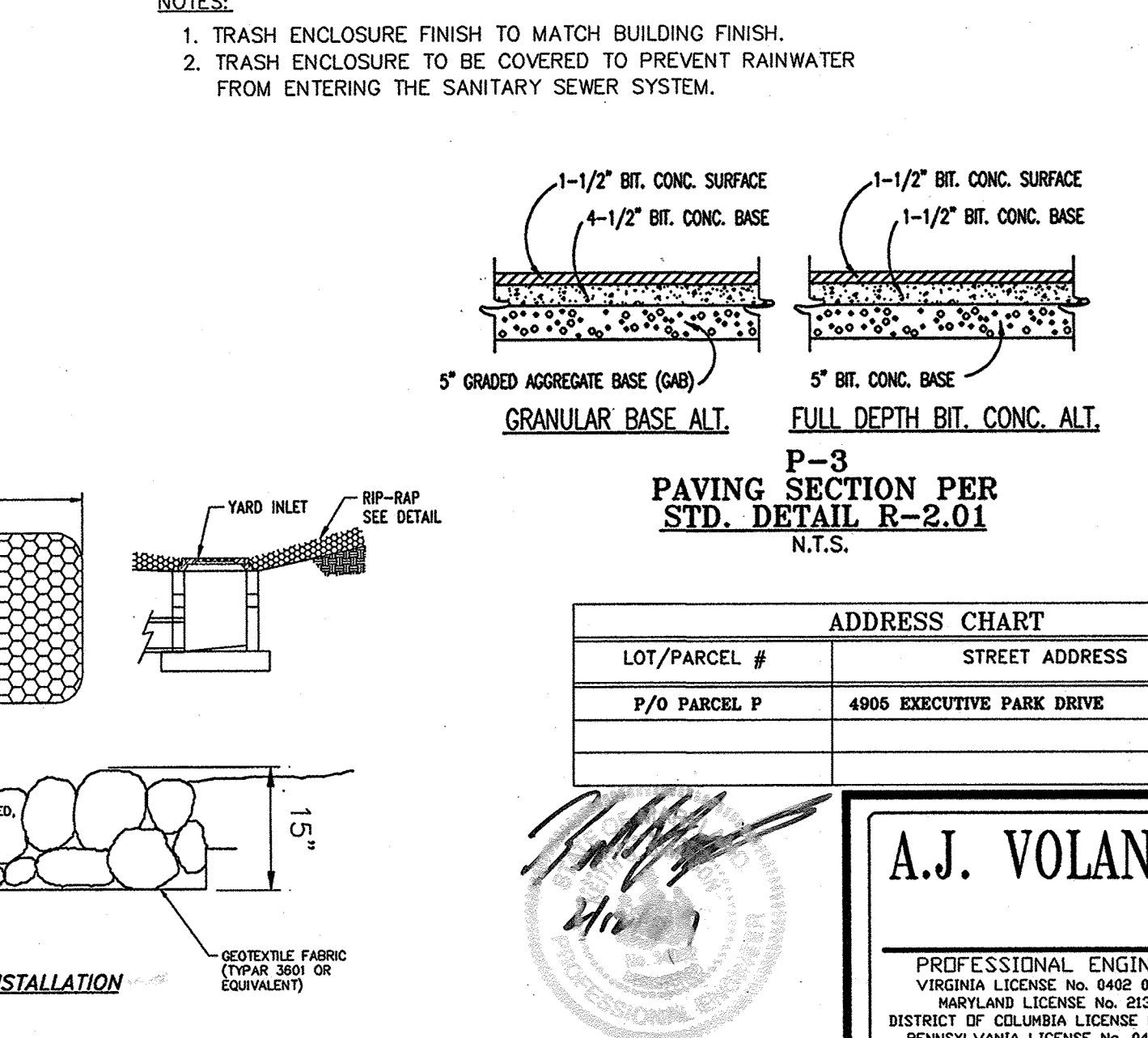
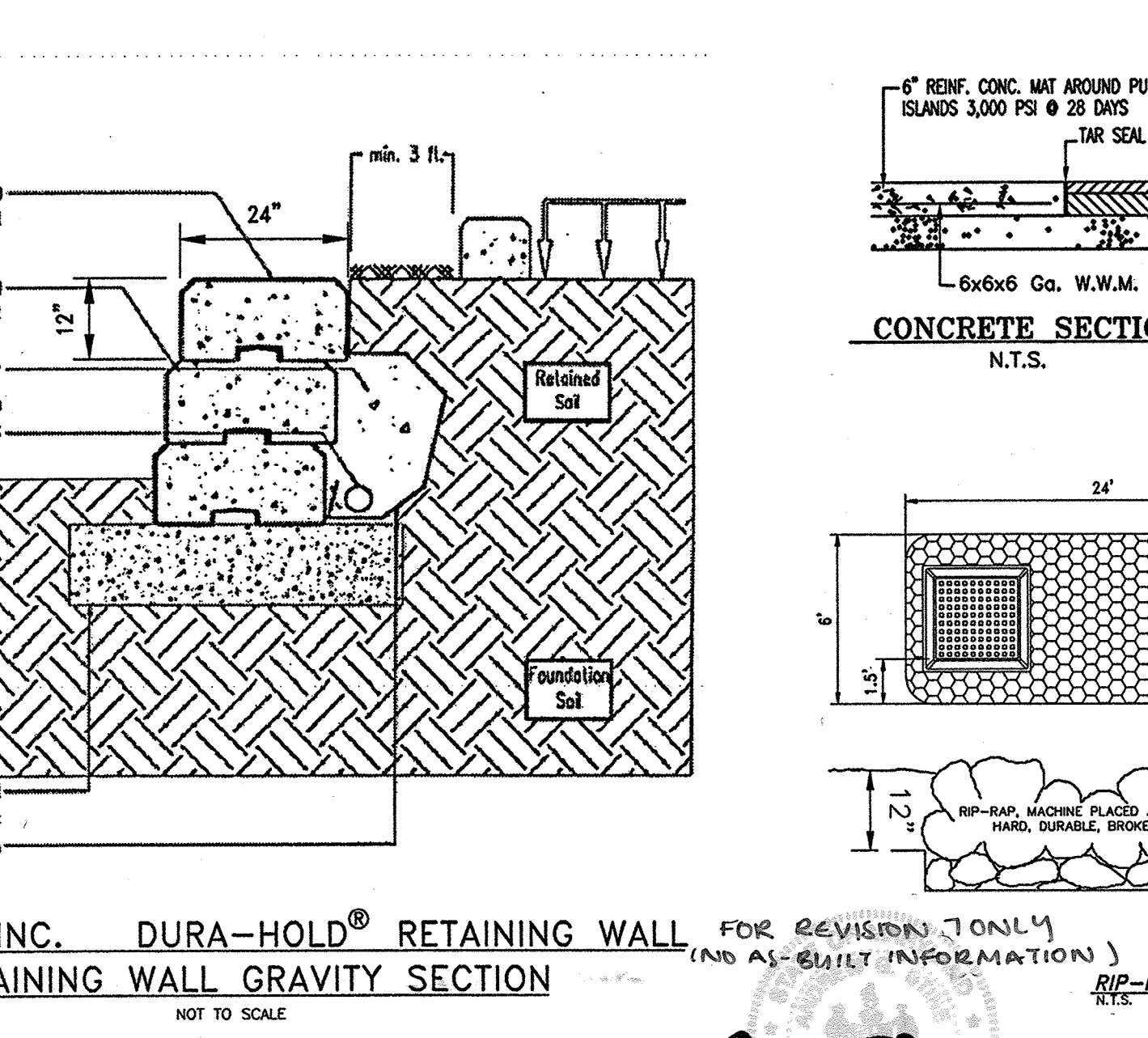
[Signature] 3/22/00
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

[Signature] 3/24/00
DIRECTOR

[Signature] 3/14/00
CHIEF, DEVELOPMENT ENGINEERING DIVISION

[Signature] 3/20/00
CHIEF, DIVISION OF LAND DEVELOPMENT



PERMIT INFORMATION BLOCK

SUBDIVISION NAME:	SECTION/AREA:	PARCEL #:
COLUMBIA 100 OFFICE RESEARCH PARK	ONE/TWO	P/O PARCEL P
PLAT: 7628	BLOCK #: 12	ZONE: B-1
TAX/ZONE MAP: ELEC. DIST.:	MAP 30	2
OWNER:	EXECUTIVE PARK DRIVE ASSOC., L.L.C.	
10 PARKS AVENUE	HUNTSVILLE, MD 21030-4922	
PHONE:	(410) 666-1000	

ADDRESS CHART

LOT/PARCEL #	STREET ADDRESS
P/O PARCEL P	4905 EXECUTIVE PARK DRIVE

OWNER: EXECUTIVE PARK DRIVE ASSOC., L.L.C.
10 PARKS AVENUE
HUNTSVILLE, MD 21030-4922
(410) 666-1000

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

[Signature] 3/22/00
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

[Signature] 3/24/00
DIRECTOR

[Signature] 3/14/00
CHIEF, DEVELOPMENT ENGINEERING DIVISION

[Signature] 3/20/00
CHIEF, DIVISION OF LAND DEVELOPMENT

KEYWALLS, INC. DURA-HOLD® RETAINING WALL

FOR REVISION ONLY (NO AS-BUILT INFORMATION)

[Signature] 3/22/00
PROFESSIONAL ENGINEER
MARYLAND LICENSE NO. 21067

[Signature] 3/22/00
PROFESSIONAL ENGINEER
MARYLAND LICENSE NO. 21067

BOHLER ENGINEERING, P.C.

CIVIL & CONSULTING ENGINEERS • PROJECT MANAGERS
ENVIRONMENTAL & SITE PLANNERS • MUNICIPAL ENGINEERS

22430 DALY'S DRIVE
SUITE 200
STERLING, VIRGINIA 20164
PHONE: (703) 709-8500

1120 WELSH ROAD, SUITE 200
NORTH WALES, PA 19454
(215) 393-8300

Project No. S99233
Cad ID # S9233D3
Drawn By: D.G.D.
Checked By: B.M.P.

97-120
5200 Buffington Road
Atlanta, Georgia 30349 2998
Telephone 404 765 8000

Project Date: 7/6/99
Revision Per Client & County Comments
Revision Per Client & County Comments
Revision Per Client & County Comments

MD ROUTE 100 AND EXECUTIVE PARK DRIVE
COLUMBIA, HOWARD COUNTY, MD

Sheet Title MISCELLANEOUS NOTES AND DETAILS

OF 17
SDP-00-30

KEY	QTY.	BOTANICAL NAME	COMMON NAME	CAL./HT.	CONT.
ORNAMENTAL TREES					
LI	4	LAGERSTROEMIA INDICA	COMMON CRAPEMYRTLE	1-1 1/2" CAL / 8-10'	3+5
DECIDUOUS SHRUBS					
RAGL	55	AMUS ARMATICA 'EREA LOW'	GRASS-LAWN SUMAC	12-18" HT & SPREAD	#1 CAN
EVERGREEN SHRUBS					
TH	21	TAXUS MEDIA 'HICKSH'	HICKS YEW	30-36" HT & SPREAD	3+3
PERENNIALS					
HHR	54	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	2 GAL.	CONTAINER

NOTE: LANDSCAPING FOR THIS DEVELOPMENT WILL BE PROVIDED IN ACCORDANCE WITH THIS CERTIFIED LANDSCAPE PLAN AND IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE FINANCIAL SURETY FOR THE PROPOSED 4 ORNAMENTAL TREES (250.00) AND 70 SHRUBS (3.30 EACH) WILL BE POSTED FOR THE AMOUNT OF \$2,880 BY THE DEVELOPER AS PART OF THE DEVELOPER'S AGREEMENT.

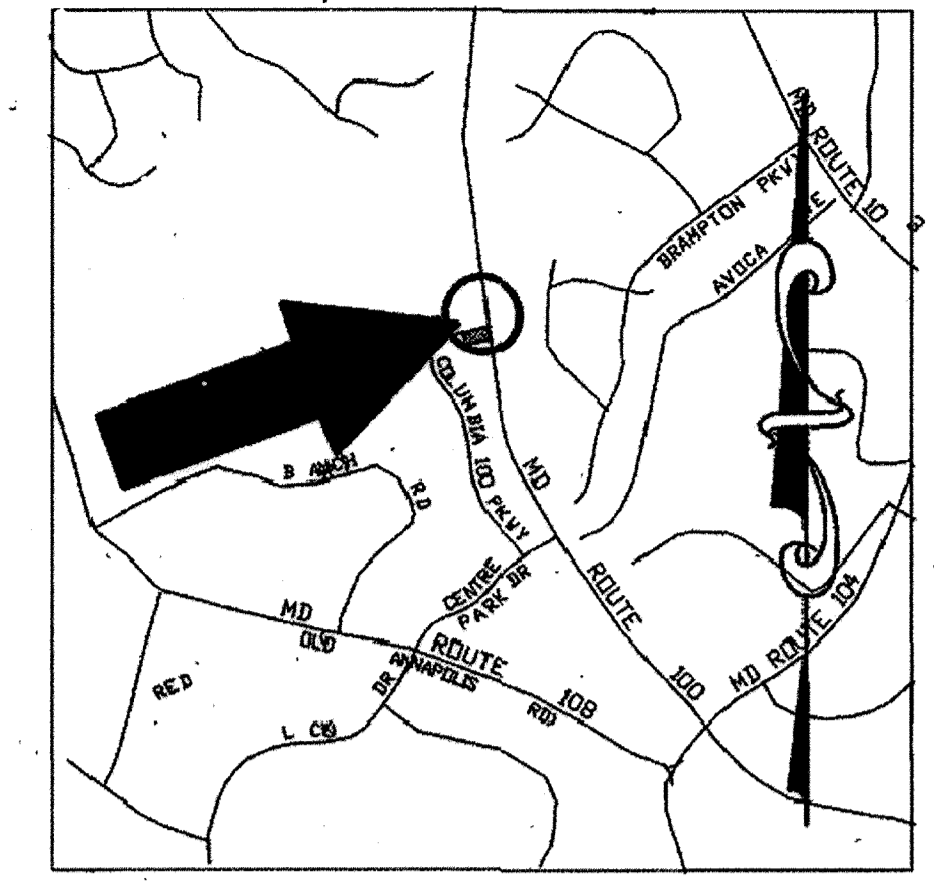
MD. RTE. 100
(MSHA PLAT #'S 54423 & 54575)

LANDSCAPE INSTALLATION AND CERTIFICATION

- ALL LANDSCAPING SHOWN ON THE APPROVED FINAL PLAN OR SITE DEVELOPMENT PLAN SHALL BE COMPLETED IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN BEFORE A RELEASE OF SURETY. PRIOR TO SUCH RELEASE, THE PLAN PREPARER SHALL SUBMIT WRITTEN CERTIFICATION TO THE DEPARTMENT OF PLANNING AND ZONING THAT HEALTHY PLANT MATERIALS WERE PROPERLY INSTALLED IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN AND THAT A 1 YEAR GUARANTEE HAS BEEN EXECUTED.
- THE GRADING PERMIT AGREEMENT AND SURETY SHALL BE MODIFIED TO INCORPORATE LANDSCAPING REQUIREMENTS.

MAINTENANCE

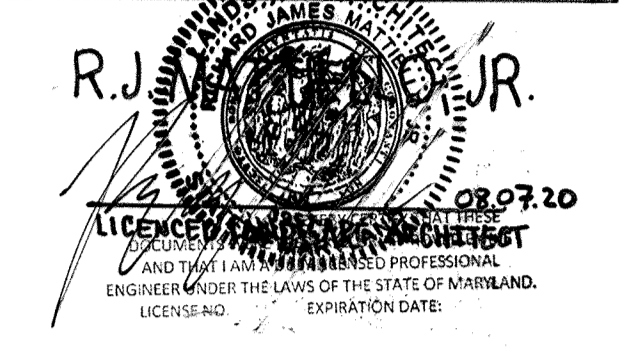
- THE OWNER, TENANT, AND THEIR RESPECTIVE AGENTS, IF ANY, SHALL JOINTLY AND SEVERALLY BE RESPONSIBLE FOR THE MAINTENANCE OF THE REQUIRED LANDSCAPING. ALL REQUIRED PLANTINGS SHALL BE MAINTAINED IN GOOD GROWING CONDITION AND, WHENEVER NECESSARY, REPLACED WITH NEW PLANT MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS.
- NO PLANT MATERIAL SHALL BE ALLOWED TO ENCRoACH ON ROAD RIGHTS-OF-WAY SO THAT SIGHT DISTANCE IS IMPEDED.



Project No. 1407294
Cad ID # 141.D05
Drawn By: JEK
Checked By: JEK

97-120
5200 Buffington Road
Atlanta, Georgia 30349 2998
Telephone 404 765 8000

FOR 8TH REVISION ONLY



I, ERIC R. McWILLIAMS, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3697, EXPIRATION DATE: 9/20/18

FOR REVISION 7 ONLY
(NO AS-BUILT INFORMATION)

REGISTERED LANDSCAPE ARCHITECT
MARYLAND LICENSE NO. 3677

FOR 4TH REVISION ONLY
E.R. McWILLIAMS

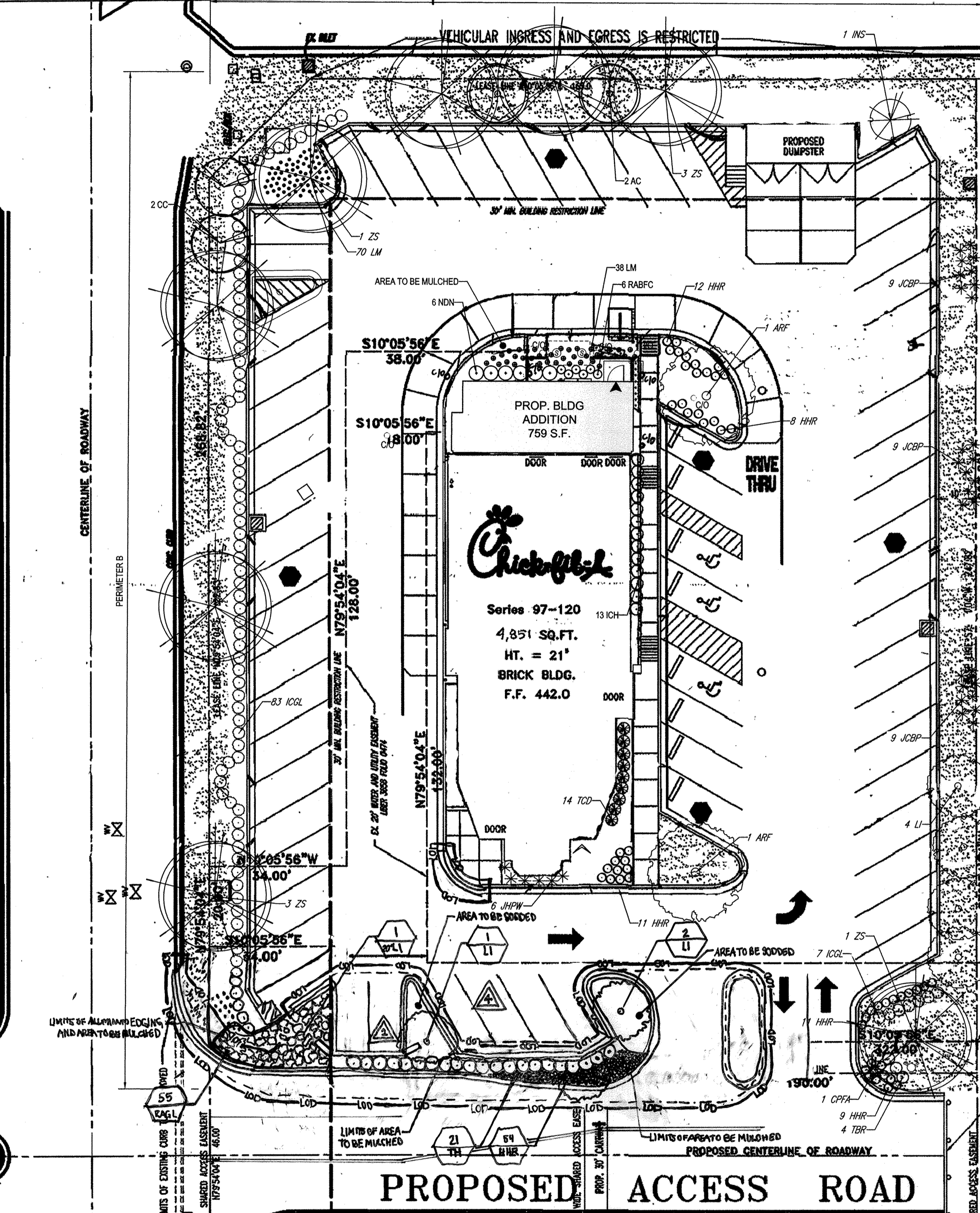
REGISTERED LANDSCAPE ARCHITECT
MARYLAND LICENSE NO. 3697

PROFESSIONAL CERTIFICATION
I, ERIC R. McWILLIAMS, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3697, EXPIRATION DATE: 9/20/14

PURPOSE STATEMENT
THIS SHEET SUPERCEDES 13 OF 16 THAT WAS SIGNED MARCH 24, 2000

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Arlisa for Monna Rossman 1/22/2014
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
Director 6/18/14
Chief, Development Engineering Division 1/21/14
Chief, Division of Land Development 6-05-14



SCHEDULE B - PARKING LOT INTERNAL LANDSCAPING

NUMBER OF PARKING SPACES	62 (INCLUDING 3 ADA SPACES)
NUMBER OF TREES REQUIRED: (1/20 SPACES)	NUMBER OF TREES REQUIRED: 3
NUMBER OF PLANTS PROVIDED: SHADE TREES	NUMBER OF PLANTS PROVIDED: 3
NUMBER OF LANDSCAPE ISLANDS REQUIRED: (1/20 SPACES)	3 REQUIRED 3 PROVIDED

SCHEDULE A - PERIMETER LANDSCAPE EDGE

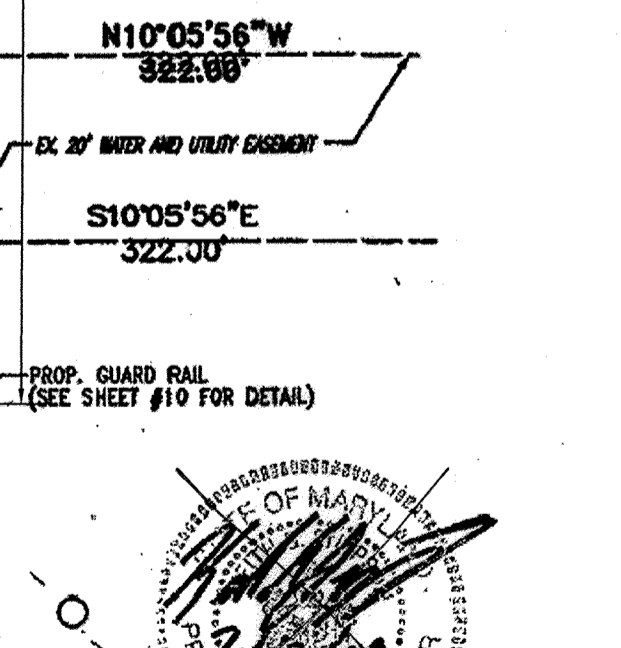
CATEGORY	ADJACENT TO ROADWAY (EAST - ROUTE 100)	ADJACENT TO ROADWAY (NORTH - EXECUTIVE PARK DRIVE)	ADJACENT TO PROPERTY (SOUTH)	ADJACENT TO PROPERTY (WEST)
PERIMETER	PERIMETER A	PERIMETER B	PERIMETER C	PERIMETER D
LANDSCAPE TYPE	E	E	A	E
LINEAR FEET OF ROADWAY FRONTAGE / PERIMETER	165'	257'	238'	190'
CREDIT FOR EXISTING VEGETATION (YES/NO/LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	N/A		N/A	
CREDIT FOR WALL, FENCE, OR BERM (YES/NO/LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	N/A		N/A	
NUMBER OF PLANTS REQUIRED:	NUMBER OF PLANTS REQUIRED:	NUMBER OF PLANTS REQUIRED:	NUMBER OF PLANTS REQUIRED:	NUMBER OF PLANTS REQUIRED:
SHADE TREES 4	6	4	5	
OTHER TREES 2	0	0	0	
EVERGREEN TREES 0	0	0	0	
SHRUBS 0	64 (A)	0	48	
NUMBER OF PLANTS PROVIDED:	NUMBER OF PLANTS PROVIDED:	NUMBER OF PLANTS PROVIDED:	NUMBER OF PLANTS PROVIDED:	
SHADE TREES 3	3	0	0	
OTHER TREES 2	2	0	0	
SHRUBS (10:1 SUBSTITUTION) 0	0	4	4	
(DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)		27 (B)	69 (C)	

(A) SUBSTITUTE 20 SHRUBS FOR 2 SHADE TREES AND 2 FLOWERING TREES FOR 1 SHADE TREE.
(B) SUBSTITUTE 4 FLOWERING TREES FOR 2 SHADE TREES AND 27 SHRUBS FOR 2 SHADE TREES.
(C) SUBSTITUTE 20 SHRUBS FOR 2 SHADE TREES AND 4 FLOWERING TREES FOR 2 SHADE TREES.
PLANT MATERIAL REQUIREMENTS: INSTALLED 24"-30" MIN. HGT. SHRUBS R/O D ALONG TYPE "E" BUFFERS.
LARGE CANOPY TREES: MIN. SIZE IS TO BE 2.5" CALIPER INSTALLED
SMALL ACCENT TREES: MIN. SIZE IS TO BE 1.5" CALIPER INSTALLED

LANDSCAPE SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
SHADE TREE(S)					
ARF	2	ACER RUBRUM 'FRANKSRED'	RED SUNSET MAPLE	2 1/2-3" CAL.	B+B
ZS	11	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE ZELKOVA	2 1/2-3" CAL.	B+B
ORNAMENTAL TREE(S)					
AC	2	AMELANCHIER CANADENSIS	MULTI STEM SHADLOW SERVICEBERRY	8-10'	B+B
CC	2	CERCIS CANADENSIS	EASTERN REDBUD	2-2 1/2" CAL.	B+B
LI	4	LAGERSTROEMIA INDICA	COMMON CRAPEMYRTLE	8-10'	B+B
EVERGREEN TREE(S)					
INS	1	ILEX X 'NELLIE R. STEVENS'	NELLIE STEVENS HOLLY	4-5'	B+B
EVERGREEN SHRUB(S)					
BS	5	BUXUS SEMPERVIRENS	COMMON BOXWOOD	30-36"	B+B
OPFA	1	CHAMAECYPARIS PISIFERA 'FILIFERA AUREA NANA'	DWARF GOLD THREAD CYPRESS	15-18" SPRD.	#3 CAN
ICOL	20	ILEX CREMATA 'GREEN LUSTER'	GREEN LUSTER HOLLY	24-30"	#3 CAN
ICF	20	ILEX CREMATA 'HELLER'	HELLER JAPANESE HOLLY	15-18"	#3 CAN
IG	5	ILEX GLABRA	INKBERRY HOLLY	24-30"	#3 CAN
JHPW	6	JUNIPERUS HORIZONTALIS 'PRINCE OF WALES'	UNKNOWN	15-18" SPRD.	#3 CAN
NDN	6	NANDINA DOMESTICA 'NANA'	HEAVENLY BAMBOO	24-30"	#3 CAN
TBR	4	TAXUS BACCATA 'REPANDENS'	SPREADING ENGLISH YEW	18-24"	B+B
TCD	9	TAXUS CUSPIDATA	JAPANESE YEW	30-36"	B+B
TH	0	TAXUS MEDIA 'HICKSH'	HICKS YEW	30-36"	B+B
DECIDUOUS SHRUB(S)					
BTCP	10	BERBERIS THUNBERGII 'CRIMSON PYGMY'	CRIMSON PYGMY RED BARBERRY	12-15"	#3 CAN
EA	3	EUONYMUS ALATUS	WINGED EUONYMUS	36-42"	B+B
GROUND COVER					
EFEN	7	EUONYMUS FORTUNEI 'EMERALD-N-GOLD'	VARIEGATED WINTERCREEPER	15-18"	#3 CAN
JCBP	36	JUNIPERUS CONFERTA 'BLUE PACIFIC'	BLUE PACIFIC SHORE JUNIPER	15-18" SPRD.	#3 CAN
RABFC	6	ROSA 'APPLE BLOSSOM FLOWER CARPET'	APPLE BLOSSOM CARPET ROSE	2 GAL.	CONTAINER
PERENNIAL(S)					
EP	4	ECHINACEA PURPUREA	PURPLE CONEFLOWER	2 GAL.	CONTAINER
HHR	82	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	2 GAL.	CONTAINER
LM	10	LIROPE MUSCARI 'BIG BLUE'	BIG BLUE LILYTURF	1 FT.	CONTAINER

OWNER: COLUMBIA 100 OFFICE RESEARCH PARK
SECTION 1 AREA 2
ZONE: B-1
RESIDUAL PARCEL (UNDEVELOPED)



ADDRESS CHART

LOT/PARCEL #	STREET ADDRESS
P/O PARCEL P	4905 EXECUTIVE PARK DRIVE

PERMIT INFORMATION BLOCK

SUBDIVISION NAME:	COLUMBIA 100 OFFICE RESEARCH PARK	SECTION/AREA:	ONE/TWO	PARCEL #:	P/O PARCEL P
PLAT:	7628	BLOCK #:	12	ZONE:	B-1
TAX/ZONE MAP:	MAP 30	ELEC. DIST.:	2	CENSUS TRACT:	6023.02
WATER CODE:	602	SEWER CODE:	5756639		

MISS UTILITY NOTE
CALL 'MISS UTILITY' AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.

GENERAL NOTES
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK 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.



PROFESSIONAL CERTIFICATION
I, ERIC R. McWILLIAMS, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3697, EXPIRATION DATE: 9/20/2014

DOHLER ENGINEERING, P.C.
• CIVIL & CONSULTING ENGINEERS • PROJECT MANAGERS
• ENVIRONMENTAL & SITE PLANNERS • MUNICIPAL ENGINEERS

776 MOUNTAIN BLVD., SUITE 200
STERLING, VIRGINIA 20164
(703) 695-8300

22430 DAVIS DRIVE
NORTH WALKERS, VA 20134
(703) 765-9600

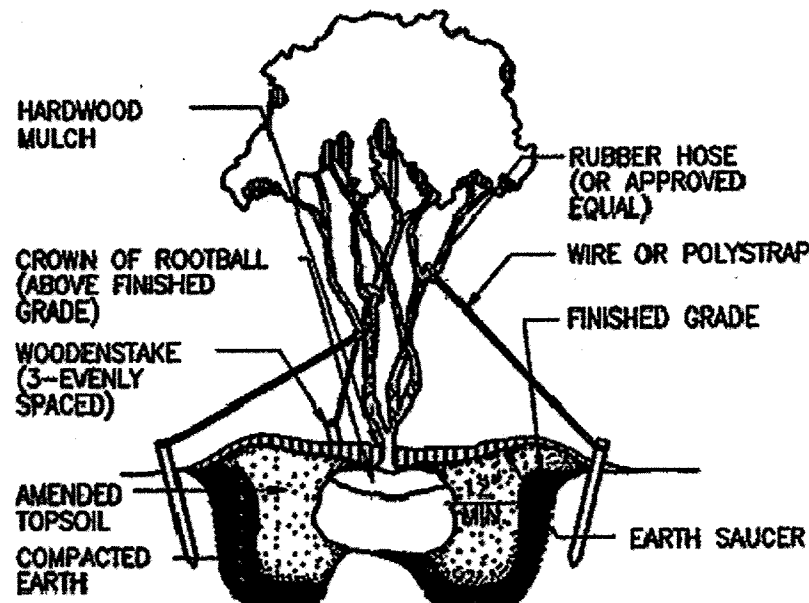
1120 WELSH ROAD, SUITE 200
NORTH WALKERS, VA 20134
(703) 315-8300

Project Date: 7/6/99
Revision
1. 9/9/99 Revision Per Client & County Comments
2. 11/22/99 Revised per County Comments
3. 1/9/00 Revised per County Comments

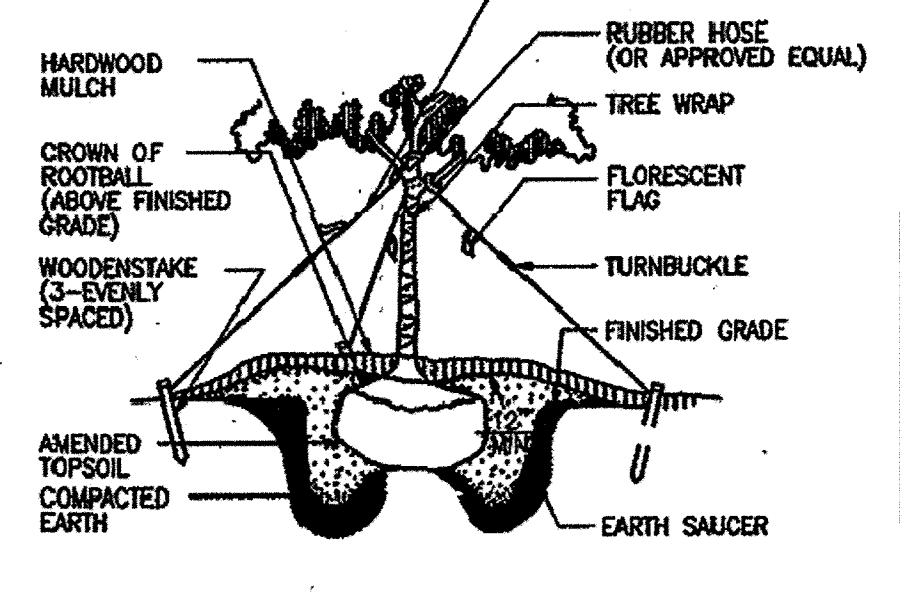
Sheet Title: **LANDSCAPE PLAN**

MD ROUTE 100 AND EXECUTIVE PARK DRIVE
COLUMBIA, HOWARD COUNTY, MD

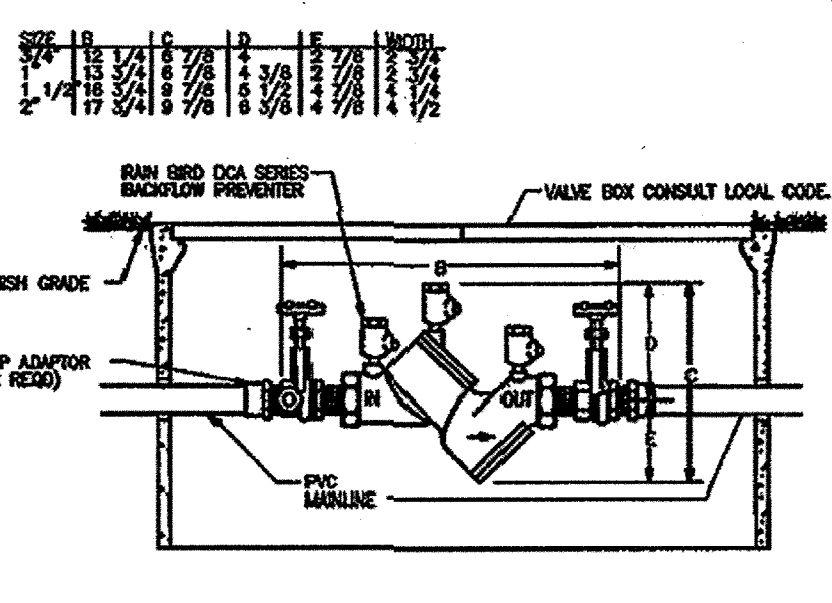
13
SDP-00-30



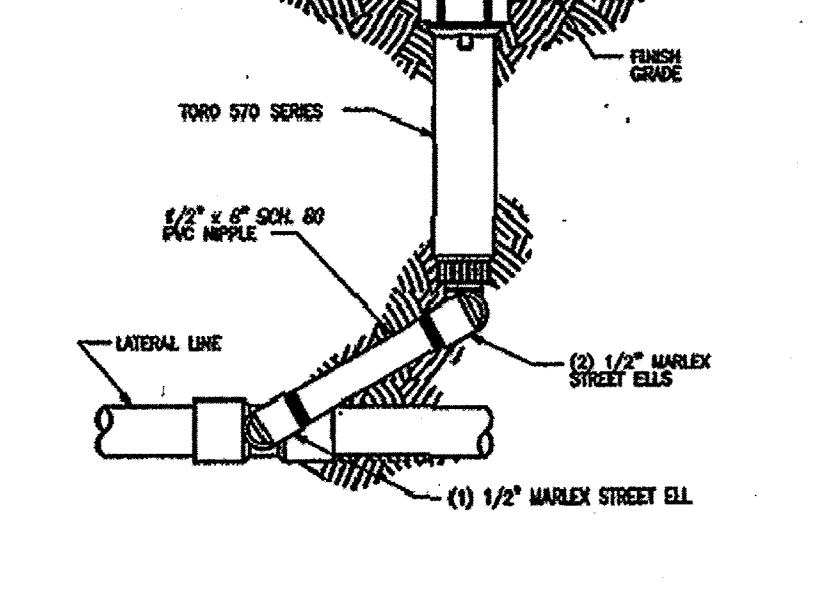
1 DETAIL: MULTI-TRUNK TREE PLANTING
SCALE: 3/4"=1'-0"



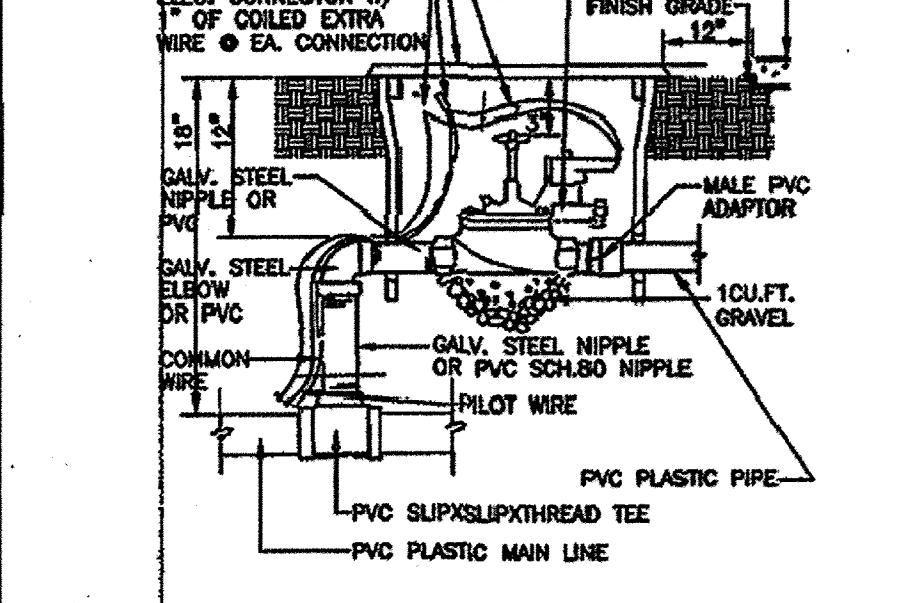
2 DETAIL: TREE PLANTING (OVER 2" CAL.)
SCALE: 3/4"=1'-0"



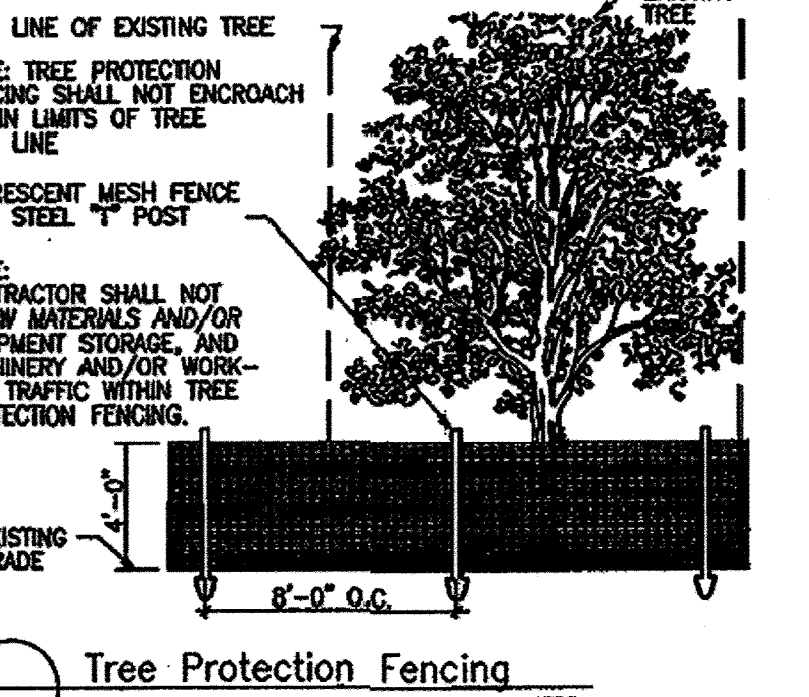
3 DETAIL: DOUBLE CHECK VALVE ASSEMBLY
SCALE: 3/4"=1'-0"



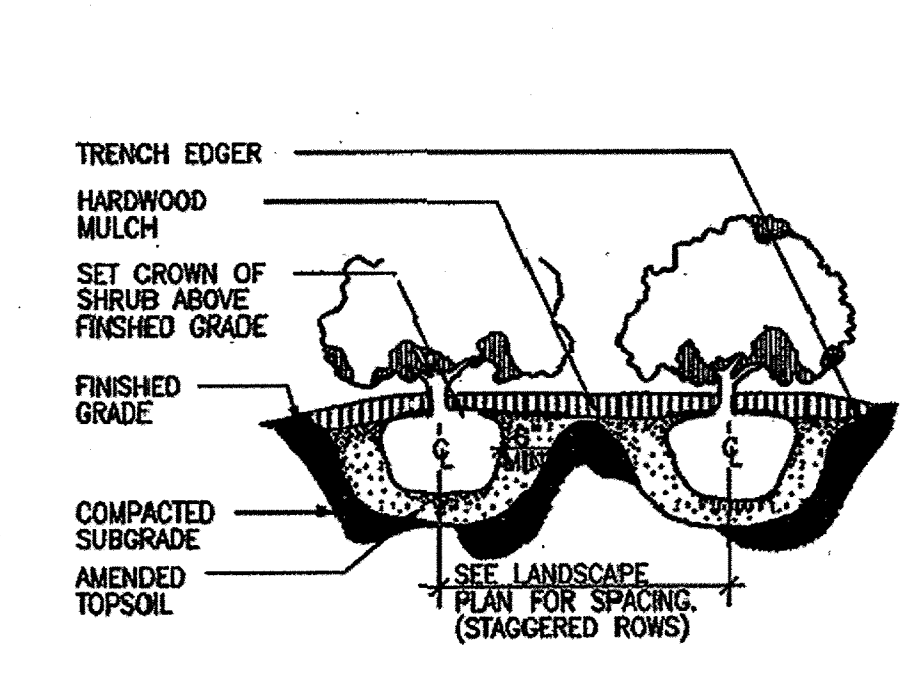
4 DETAIL: LAWN SPRAY
SCALE: 3/4"=1'-0"



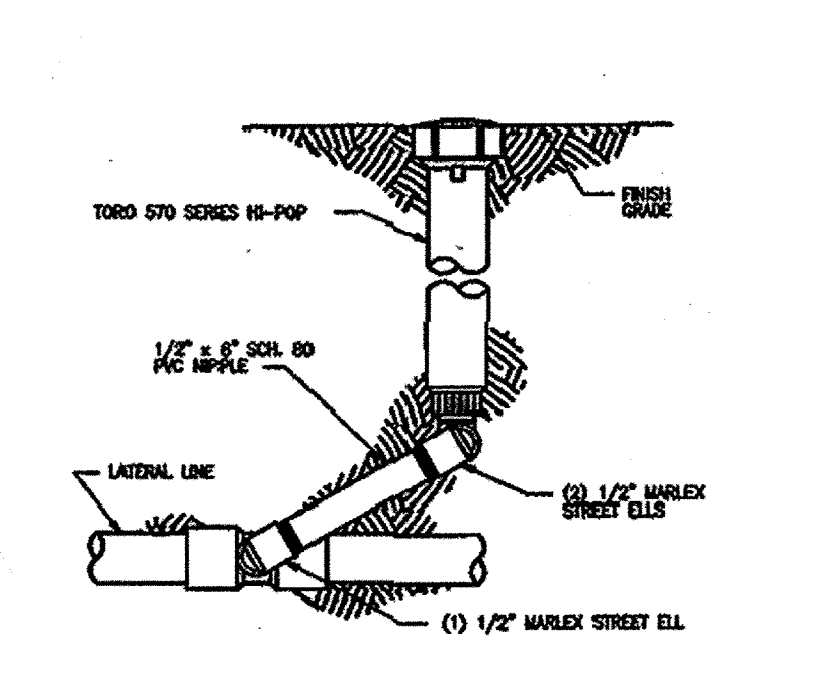
5 DETAIL: REMOTE CONTROL VALVE
SCALE: 3/4"=1'-0"



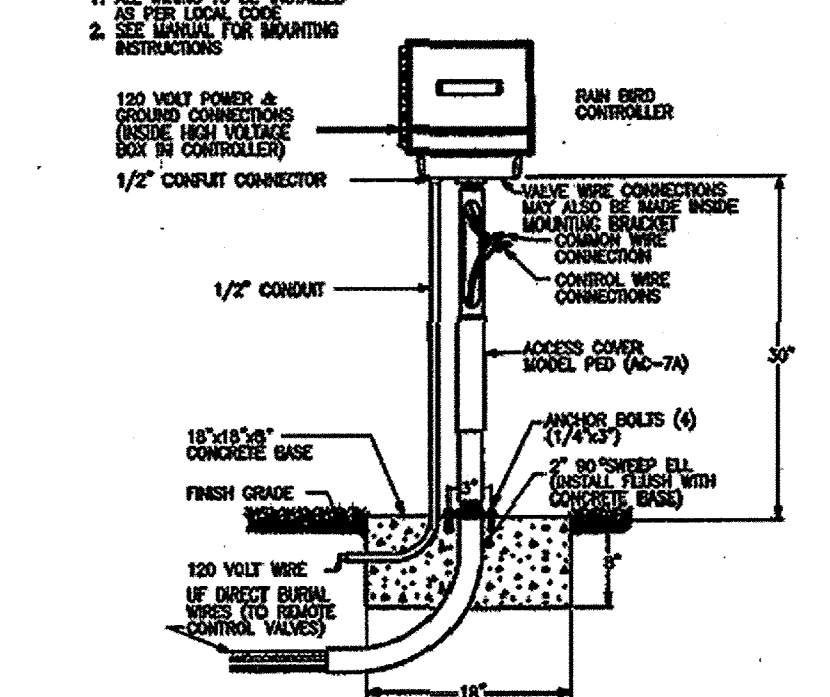
6 DETAIL: TREE PROTECTION FENCE
SCALE: 3/4"=1'-0"



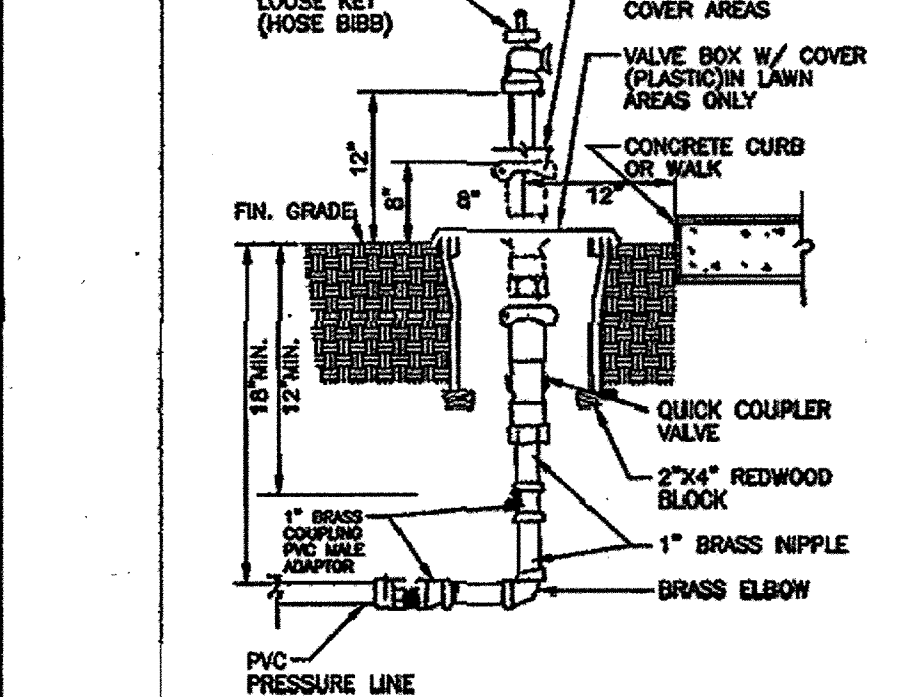
7 DETAIL: SHRUB PLANTING & BED EDGING
SCALE: 3/4"=1'-0"



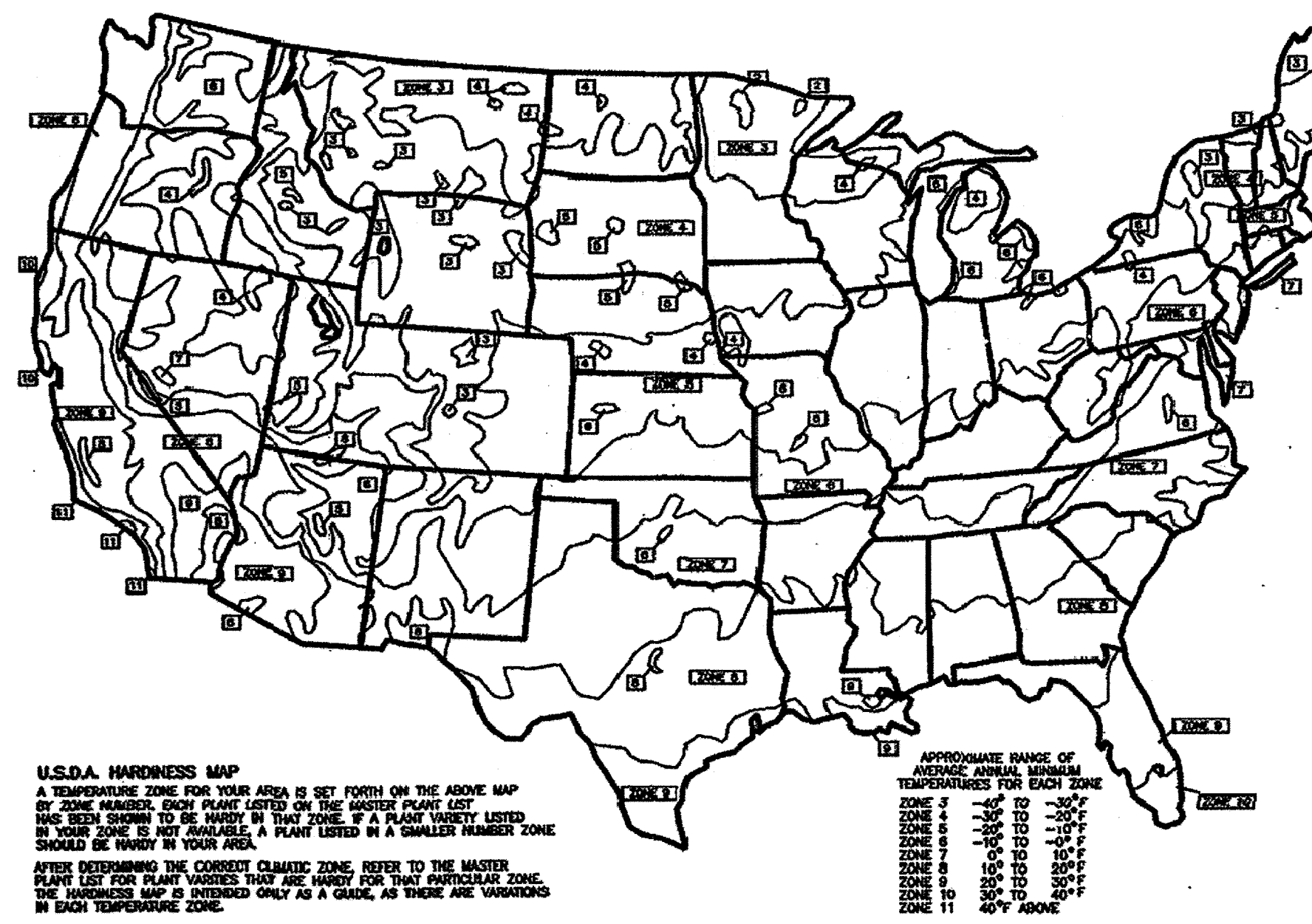
8 DETAIL: SHRUB SPRAY
SCALE: 3/4"=1'-0"



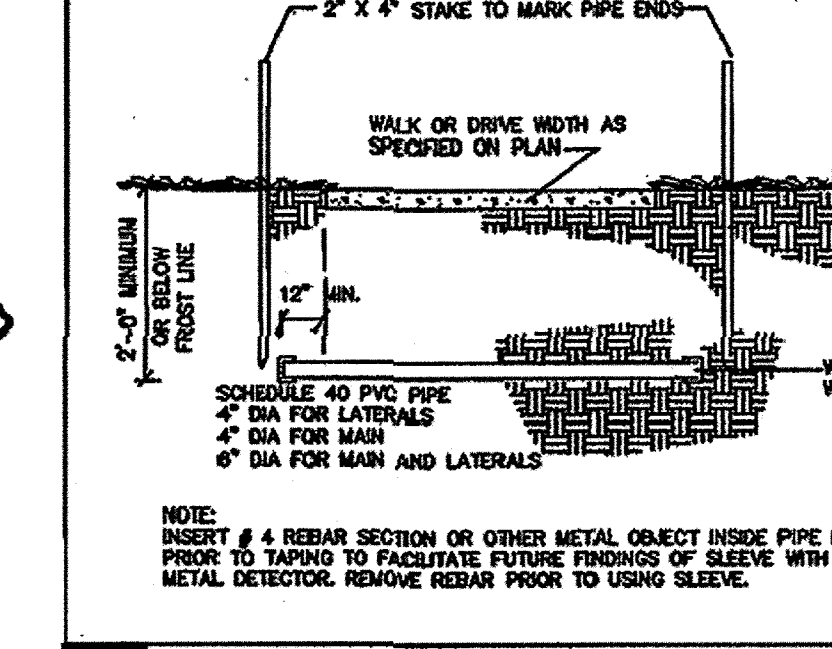
9 DETAIL: CONTROLLER W/ PEDESTAL
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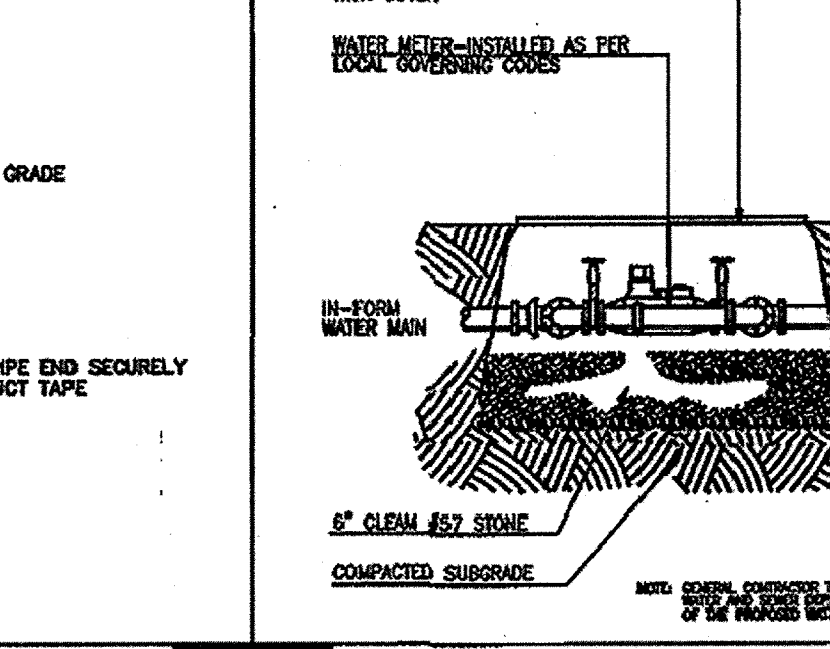
10 DETAIL: QUICK COUPLER /HOSEBIB
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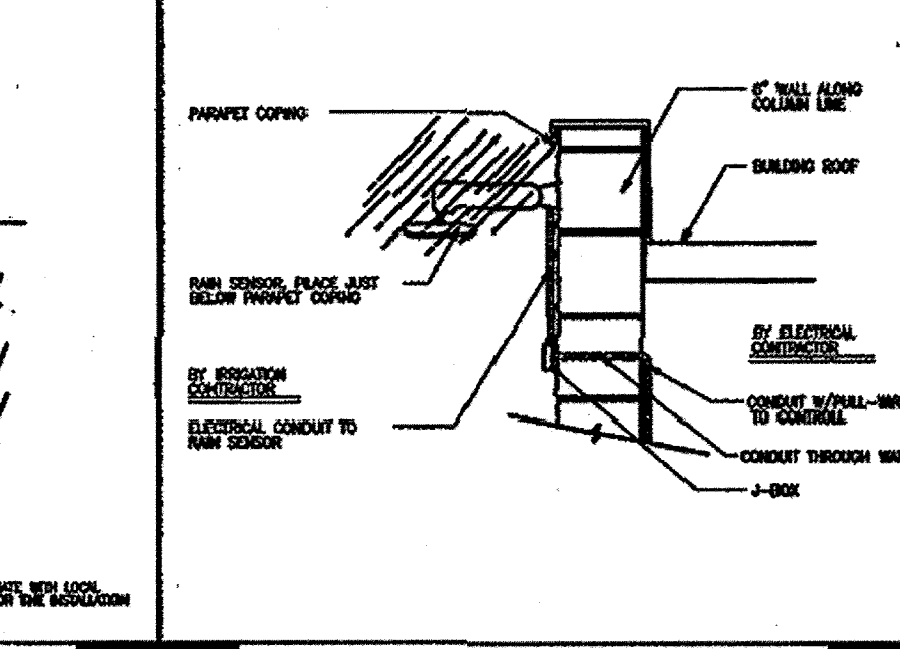
17 USDA HARDINESS MAP & MINIMUM TEMPERATURE RANGE TABLE
SCALE: 3/4"=1'-0"



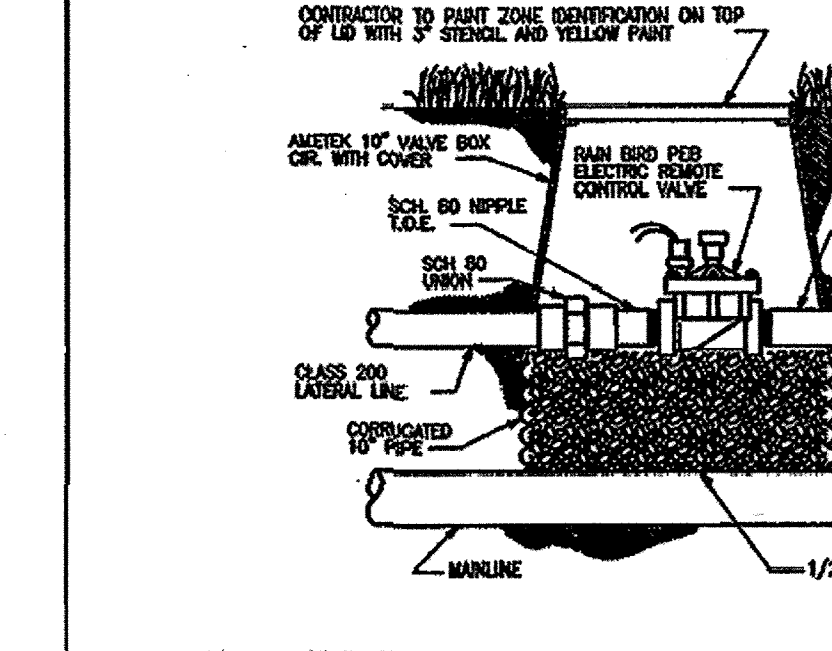
11 DETAIL: SLEEVE UNDER WALK OR ROAD
SCALE: 3/4"=1'-0"



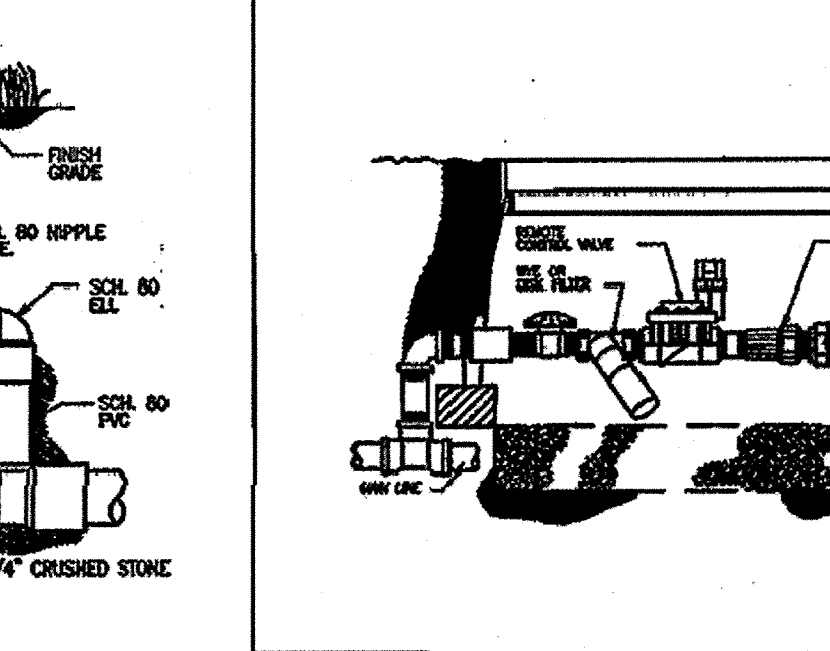
12 DETAIL: POINT OF CONNECTION
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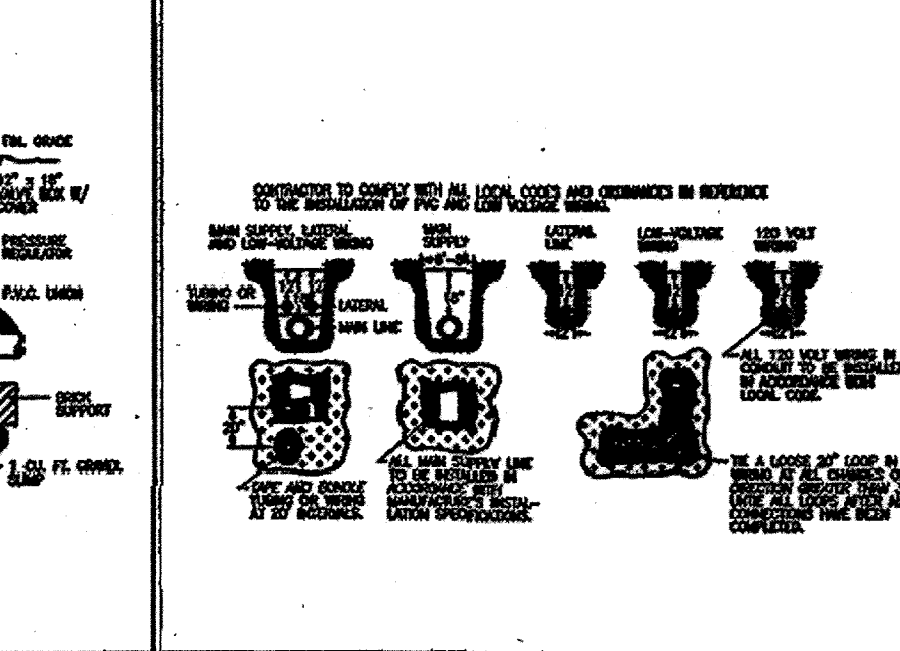
13 DETAIL: RAIN SENSOR
SCALE: 3/4"=1'-0"



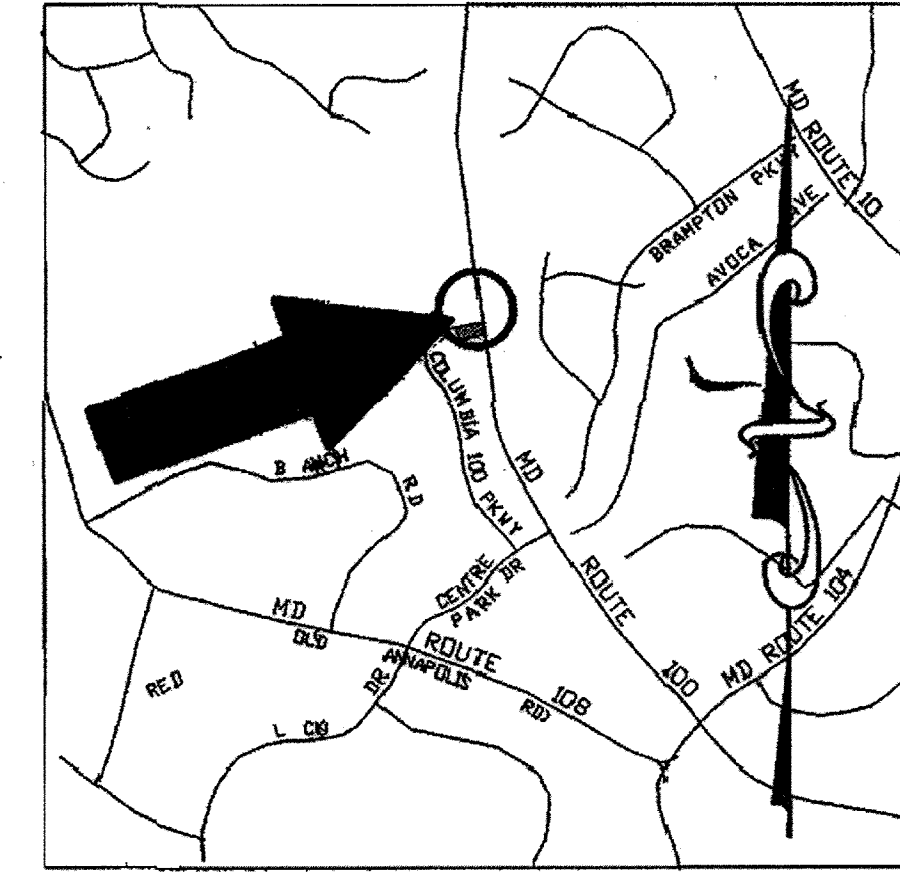
14 DETAIL: CONTROL VALVE
SCALE: 3/4"=1'-0"



15 DETAIL: DRIP CONTROL VALVE
SCALE: 3/4"=1'-0"



16 DETAIL: TRENCHING SPECIFICATIONS
SCALE: 3/4"=1'-0"



LOCATION MAP
COPYRIGHT ADC THE MAP PEOPLE
PERMIT USE NO. 20694276
SCALE: 1"=200'

DRAWING NOT TO BE USED FOR CONSTRUCTION

FOR REVISION 7 ONLY
(NO AS-BUILT INFORMATION)
ANDREW G. STINE

CHICK-FIL-A
Jellyfish Filter
JFV4-21W27 CARTRIDGES

DATE: MARCH 1, 2011
REV: 5

ANDREW G. STINE
PROFESSIONAL ENGINEER
MARYLAND LICENSE NO. 37687

1. ANDREW G. STINE, hereby certifies 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. 37687, issued on 7/12/19.

PERMIT LANDSCAPE PLAN
PREPARED BY

Post LANDSCAPE GROUP

2811 ATLANTA ROAD
8-TH FLOOR, GEORGIA 30308
(770) 885-3900 FAX: (770) 436-8881

OWNER
EXECUTIVE PARK DRIVE ASSOC., L.L.C.
10 PARK AVENUE
HARTFORD, CT 06103-0822
(410) 699-1000

ROHLER ENGINEERING, P.C.

CIVIL & CONSULTING ENGINEERS • PROJECT MANAGERS
ENVIRONMENTAL & SITE PLANNERS • MUNICIPAL ENGINEERS

100 CARPENTER DRIVE
SUITE 2110
STERLING, VIRGINIA 20164
PHONE: (703) 709-8600

778 MOUNTAIN BLVD.
WATERGATE, VA 20186
(703) 662-3200

1120 WELSH ROAD, SUITE 200
NORTH WALKER, VA 20166
(703) 362-3200

Project No. 46727H
Cad ID # L-2-D06
Drawn By: JEK
Checked By: JEK

97-120
5200 Buffington Road
Atlanta, Georgia 30349 2998
Telephone 404 765 8000



MD ROUTE 100 AND
EXECUTIVE PARK DRIVE
COLUMBIA, HOWARD COUNTY, MD

Project Date: 7/6/99
Revision: 5

1. 9/9/99 Revision Per Client & County Comments
2. 11/25/99 Revised Per County Comments
3. 12/9/00 Revised Per County Comments

Sheet Title: DETAIL SHEET

14

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

APPROVED: J. JOSEPH J. UCCEPPO, PROFESSIONAL ENGINEER

PURPOSE STATEMENT
THIS SHEET SUPERCEDES 14 OF 16 THAT WAS SIGNED MARCH 24, 2000

MISS UTILITY NOTE
CALL "MISS UTILITY" AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.

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.

ADDRESS CHART

LOT/PARCEL #	STREET ADDRESS
F/O PARCEL P	4905 EXECUTIVE PARK DRIVE

PERMIT INFORMATION BLOCK

SUBDIVISION NAME:	SECTION/AREA:	PARCEL #:
COLUMBIA 100 OFFICE RESEARCH PARK	ONE/TWO	F/O PARCEL P
PLAT:	BLOCK #:	ZONE:
7638	12	B-1
TAX/ZONE MAP-ELEC. DIST.:	CENSUS TRACT:	
MAP 30	2	6023.02
WATER CODE:	SEWER CODE:	


REVISED SITE DEVELOPMENT PLAN

J.J. UCCEPPO
PROFESSIONAL ENGINEER
LICENSE NO. 36982

12-12-19

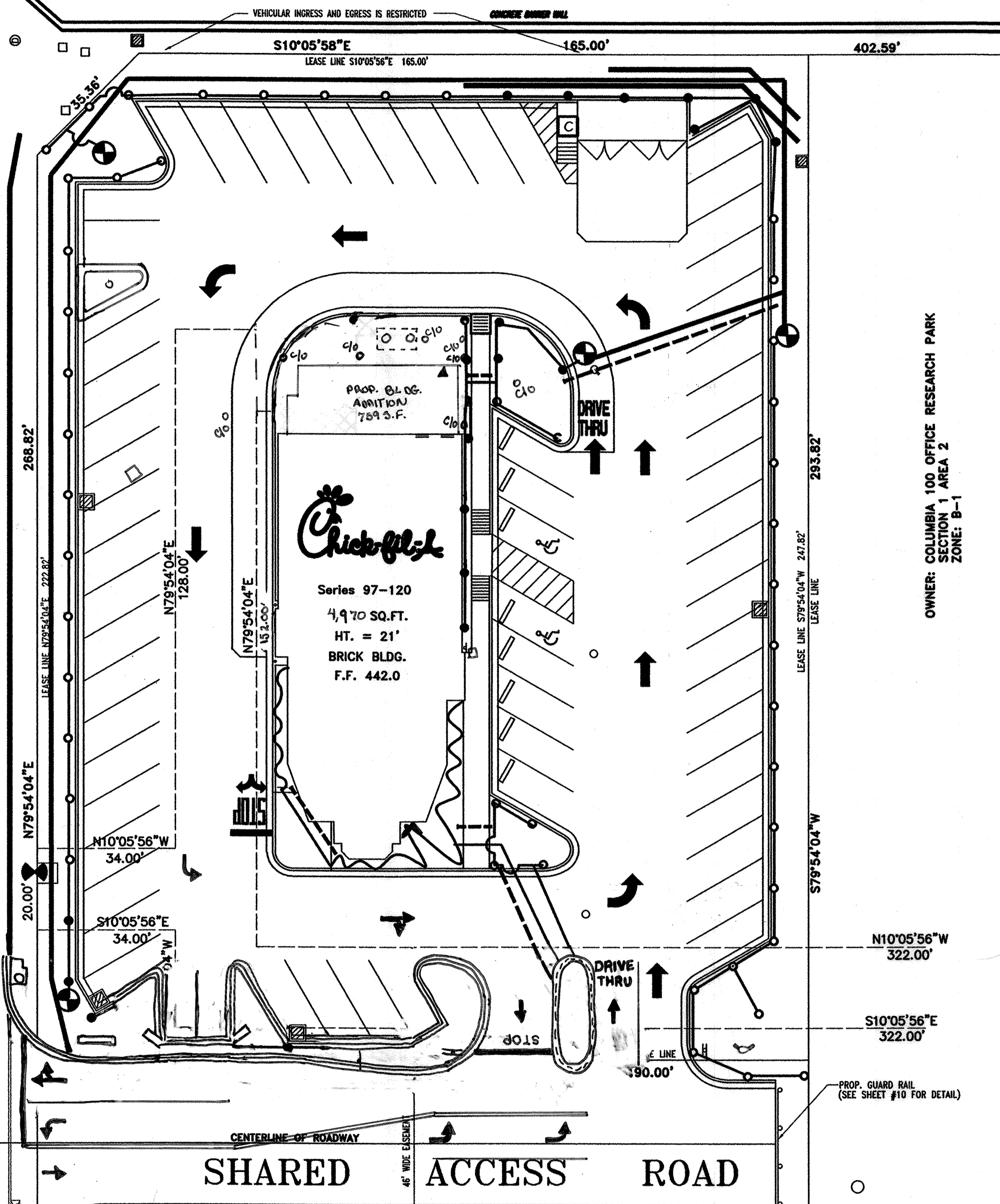
PROFESSIONAL CERTIFICATION
I, JOSEPH J. UCCEPPO, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 36982, EXPIRATION DATE: 02/28/2014

PERMIT LANDSCAPE PLAN
PREPARED BY











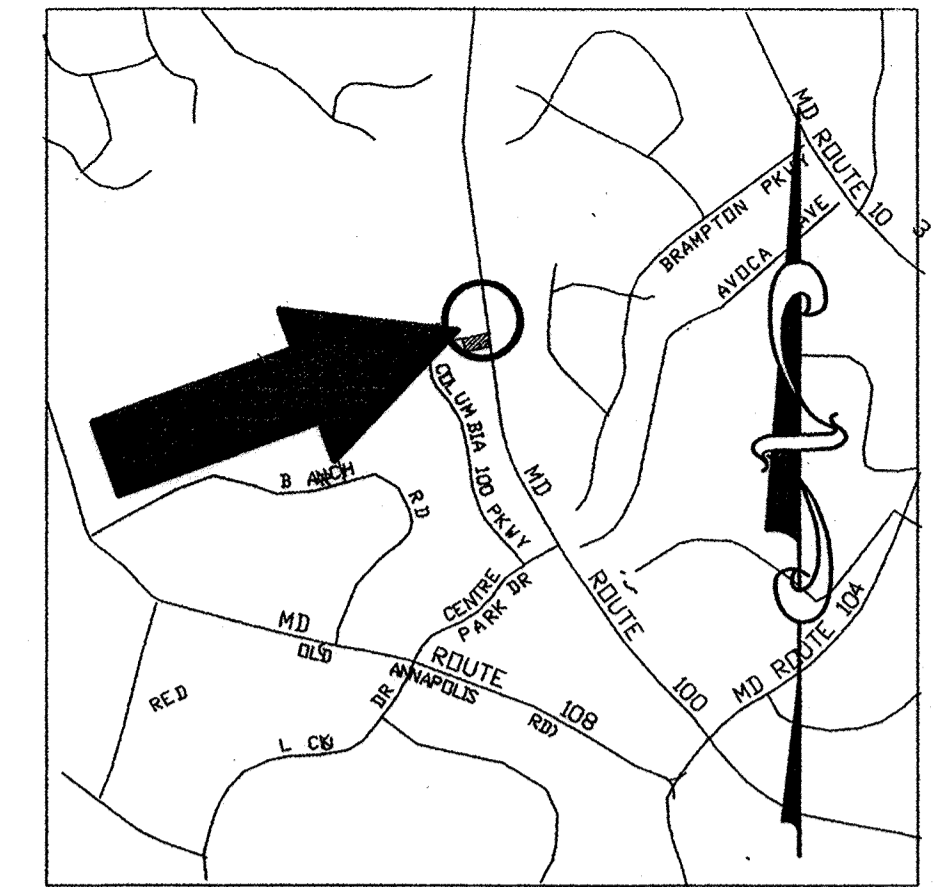
2971 ATLANTA ROAD
SMYRNA, GEORGIA 30080
(770)805-3900 FAX (770) 436-8881

MD. RTE. 100
(VEHICULAR INGRESS AND EGRESS IS RESTRICTED)



IRRIGATION KEY:

-  8 STATION CONTROLLER W/ RAIN SENSOR (MINI-CLICK)
-  4" SLEEVE LATERAL LINE
-  1.5" MAIN LINE
-  .5" IN LINE DRIP
-  4" RAINBIRD 1804 FIXED SPRAY
-  12" RAINBIRD 1812 FIXED SPRAY
-  1" CONTROL VALVE
-  1" BACKFLOW PREVENTER (PER LOCAL CODE)



LOCATION MAP
COPYRIGHT ADC THE MAP PEOPLE
PERMIT USE NO. 20694276
SCALE: 1"=200'

- NOTES:**
- WATER VELOCITY NOT TO EXCEED 5 FEET PER SECOND
 - HEAD SPACING TO DETERMINE SPRAY RADIUS
 - ALL MAINLINE TO BE 1.5" SCH. 40 PVC UNLESS OTHERWISE NOTED.
 - ALL LATERAL LINES TO BE SIZED AS REQUIRED CLASS 200 PVC / SEE CHART BELOW
 - OWNER TO PROVIDE POWER TO CONTROLLER AND CLOCK
 - OWNER TO PROVIDE METER FOR WATER SOURCE
 - THIS IRRIGATION / SLEEVING PLAN IS DIAGRAMATIC IN NATURE AND IS SUBJECT TO CHANGE UPON INSTALLATION
 - GENERAL CONTRACTOR TO PROVIDE 1" CONDUIT FROM STORAGE ROOM TO LANDSCAPED ISLAND
 - METER LOCATION IS DIAGRAMATIC IN NATURE AND SHOULD BE FIELD LOCATED BY GENERAL CONTRACTOR

CHART OF WATER FLOW TO PIPE SIZE:

- 3/4" PIPE < OR = TO 10 GPM
- 1" PIPE < OR = TO 17 GPM
- 1.5" PIPE < OR = TO 35 GPM
- 2" PIPE < OR = TO 50 GPM
- 2.5" PIPE < OR = TO 75 GPM

NOTE: WATER PRESSURE (PSI)
STATIC WATER PRESSURE IS ASSUMED TO BE A MINIMUM OF 60 PSI. IF PRESSURE IS FOUND TO BE LESS THAN 60 OR MORE THAN 75 PSI, NOTIFY POST LANDSCAPE BEFORE PROCEEDING.

FOR 6TH REVISION ONLY
J. J. Volanth
PROFESSIONAL ENGINEER
MARYLAND LICENSE NO. 36064

PROFESSIONAL CERTIFICATION
I, JOSEPH 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. 36064, EXPIRATION DATE: 6/26/16

FOR 8TH REVISION ONLY

ANDREW G. STINE
Andrew G. Stine
PROFESSIONAL ENGINEER

LANDSCAPE ARCHITECTURE PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 37081, EXPIRATION DATE: 7/12/19

I, ANDREW G. STINE, 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. 37081, EXPIRATION DATE: 7/12/19

FOR REVISION 7 ONLY (NO AS-BUILT INFORMATION)
ANDREW G. STINE

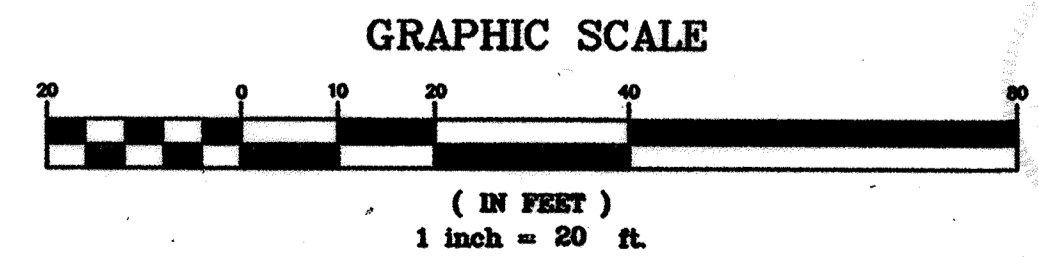
Andrew G. Stine
PROFESSIONAL ENGINEER
MARYLAND LICENSE NO. 37081

ADDRESS CHART

LOT/PARCEL #	STREET ADDRESS
P/O PARCEL P	4905 EXECUTIVE PARK DRIVE

PERMIT INFORMATION BLOCK

SUBDIVISION NAME:		SECTION/AREA:		PARCEL #:	
COLUMBIA 100 OFFICE RESEARCH PARK		ONE/TWO		P/O PARCEL P	
PLAT:	BLOCK #:	ZONE:	TAX/ZONE MAP:	ELEC. DIST.:	CENSUS TRACT:
7526	12	B-1	MAP 30	2	6023.02
WATER CODE:			SEWER CODE:		
G02			5750039		



A.J. VOLANTH PROFESSIONAL ENGINEER
VIRGINIA LICENSE NO. 006198
MARYLAND LICENSE NO. 25342
DISTRICT OF COLUMBIA LICENSE NO. 10726
PENNSYLVANIA LICENSE NO. 048234-E
DELAWARE LICENSE NO. 10794

B.M. PITTS PROFESSIONAL ENGINEER
VIRGINIA LICENSE NO. 006209
MARYLAND LICENSE NO. 25320
DISTRICT OF COLUMBIA LICENSE NO. 10737
DELAWARE LICENSE NO. 10794

BOHLER ENGINEERING, P.C.
• CIVIL & CONSULTING ENGINEERS • PROJECT MANAGERS
• ENVIRONMENTAL & SITE PLANNERS • MUNICIPAL ENGINEERS

22430 DAVIS DRIVE SUITE 200
WATCHUNG, N.J. 07086
(908) 850-8300

1120 WELSH ROAD, SUITE 200
NORTH WALES, PA. 19454
(610) 393-8300

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Dina M. Mott 3/22/09
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
Scott Smith 3/24/09
DIRECTOR DATE

John Damman 3/14/09
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

Carly Hamilton 7/24/10
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

MISS UTILITY NOTE
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FOR 5TH REVISION ONLY
Andrew G. Stine
PROFESSIONAL ENGINEER
12-12-13

OWNER: COLUMBIA 100 OFFICE RESEARCH PARK
SECTION 1 AREA 2
ZONE: B-1

OWNER: COLUMBIA 100 OFFICE RESEARCH PARK
SECTION 1 AREA 2
ZONE: B-1

Project No. 107274
Cad ID # 12.Dwg
Drawn By: J.E.K.
Checked By: J.E.K.

97-120
5200 Buffington Road
Atlanta, Georgia 30349 2998
Telephone 404 765 8000



Project Date: 7/6/99
Revision # 15
1 10.15.99 PER REVISION ISLANDS
2 11.22.99 Revised per County Com
4 03/11/09 (REVISED FOR 5th REVISION ADDITIONAL)

Sheet Title IRRIGATION PLAN 7. AS-BUILT PLAN 7/18/16

REVISION FOR REAR 04.05. ADDITION 6. 06/15/16 CONSTRUCTION FIELD CHANGE 8. REVISION FIRE RAMP AND DRAWING & UPDATED INGRESS/EGRESS 02/04/20

MD ROUTE 100 AND EXECUTIVE PARK DRIVE
COLUMBIA, HOWARD COUNTY, MD

Project Date: 7/6/99
Revision # 15
1 10.15.99 PER REVISION ISLANDS
2 11.22.99 Revised per County Com
4 03/11/09 (REVISED FOR 5th REVISION ADDITIONAL)

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REVISION FOR REAR 04.05. ADDITION 6. 06/15/16 CONSTRUCTION FIELD CHANGE 8. REVISION FIRE RAMP AND DRAWING & UPDATED INGRESS/EGRESS 02/04/20

REPAINT SPECIFICATION: PREFINISHED METALS- BRUSH AND ROLLER

1. WASH SURFACE THOROUGHLY USING TYP SUBSTITUTE OR OTHER DETERGENT CLEANER. RINSE THOROUGHLY AND ALLOW TO DRY. DO NOT USE A SOLVENT BASED CLEANER SUCH AS MINERAL SPIRITS. SANDING IS NOT NECESSARY EXCEPT IN AREAS WHERE THE EXISTING FILM IS CHECKED OR PEELING.
2. ANY BARE AREAS ON FERROUS METAL BOXES MUST BE SPOT PRIMED WITH KEM KROMIK UNIVERSAL METAL PRIMER B50N26.
3. THE SPECIFIED PRIMER ADHERES VERY TIGHTLY TO ANY SUBSTRATE WHEN DRY. MASK ALL AREAS NOT TO BE PAINTING THOROUGHLY.
4. APPLY DTM BONDING PRIMER B66A50 BY BRUSH, ROLLER OR SPRAY TO A THICKNESS OF 3 MILS WET, 2 MILS DRY. ALLOW TO DRY FOR 4 HOURS BEFORE RECOATING.
5. APPLY TWO COATS OF SHER-CRYL HIGH PERFORMANCE ACRYLIC GLOSS ENAMEL B66 SERIES IN SPECIFIED COLOR BY BRUSH, ROLLER OR SPRAY TO A THICKNESS OF 6 MILS WET, 25 MILS DRY.

NOTE: THIS SYSTEM SHOULD BE APPLIED BY AN APPLICATOR EXPERIENCED IN USING HIGH PERFORMANCE SOPHISTICATED COATINGS. YOUR SHERWIN-WILLIAMS REPRESENTATIVE CAN ASSIST WITH CONTACTING QUALIFIED CONTRACTORS.

REPAINT SPECIFICATION: PREFINISHED METALS- AIRBRUSH

1. WASH SURFACE THOROUGHLY USING PROCLEAN PREP WASH CONCENTRATED CLEANER OR OTHER EMULSIFYING DETERGENT CLEANER. RINSE THOROUGHLY AND ALLOW TO DRY. DO NOT USE A SOLVENT BASED CLEANER SUCH AS MINERAL SPIRITS. SANDING IS NOT NECESSARY EXCEPT IN AREAS WHERE THE EXISTING FILM IS CHECKED OR PEELING.
2. BOTH THE SPECIFIED PRIMER AND TOPCOAT ADHERE VERY TIGHTLY TO ANY SUBSTRATE WHEN DRY. MASK ALL AREAS NOT TO BE PAINTING THOROUGHLY TO PREVENT OVER SPRAY.
3. APPLY DTM BONDING PRIMER B66A50 USING AN AIRLESS SPRAYER WITH 2400 PSI FLUID PRESSURE AND A .017 TO .019 TIP - SEE ATTACHED DATA PAGE FOR FURTHER INFORMATION. APPLY TO A THICKNESS OF 7 MILS WET, 3 MILS DRY. ALLOW 4 TO 8 HOURS DRYING TIME, DEPENDING ON OUTSIDE AMBIENT TEMPERATURE, BEFORE RECOATING - COORDINATE DETAILS ON SPRAY SET-UP, DRYING TIME, ETC., WITH PAINT MANUFACTURER.
4. APPLY TWO COATS OF SHER-CRYL I-PA HIGH PERFORMANCE ACRYLIC IN COLOR SPECIFIED USING AN AIRLESS SPRAYER WITH 1500 PSI FLUID PRESSURE AND A .017 TO .019 TIP. APPLY TO A THICKNESS OF 7 MILS WET, 3 MILS DRY PER COAT. ALLOW 4 TO 8 HOURS DRYING TIME, DEPENDING ON OUTSIDE AMBIENT TEMPERATURE, BEFORE RECOATING - COORDINATE DETAILS ON SPRAY SET-UP, DRYING TIME, ETC., WITH PAINT MANUFACTURER.
5. APPLY ONE COAT OF SHER-CLEAR ONE COMPONENT ACRYLIC CLEAR COAT GLOSS B66C375 USING AN AIRLESS SPRAYER WITH 1500 PSI FLUID PRESSURE AND A .013 TO .015 TIP. APPLY TO A THICKNESS OF 4 MILS WET, 15 MILS DRY - COORDINATE DETAILS ON SPRAY SET-UP, DRYING TIME, ETC., WITH PAINT MANUFACTURER.

NOTE: THIS SYSTEM SHOULD BE APPLIED BY AN APPLICATOR EXPERIENCED IN USING HIGH PERFORMANCE SOPHISTICATED COATINGS. YOUR SHERWIN-WILLIAMS REPRESENTATIVE CAN ASSIST WITH CONTACTING QUALIFIED CONTRACTORS.

GENERAL NOTES

1. G.C. TO VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF DEMOLITION. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2. REFER TO A12 FOR PAINT COLORS.
3. PROVIDE BLOCKING FOR ALL NEW EXTERIOR WALL MOUNTED LIGHT FIXTURES.
4. PAINT ALL WOOD AND METALS EXPOSED TO THE EXTERIOR.
5. ALL SITE METALS TO PAINTED DARK BRONZE UNLESS NOTED OTHERWISE.
6. ALL EXISTING BRICK VENEER TO REMAIN UNLESS NOTED OTHERWISE. PREPARE EXISTING AND NEW BRICK VENEER AS REQUIRED TO RECEIVE NEW EXTERIOR PAINT FINISH.
7. EVALUATE AND REPAIR ALL EXISTING ROOFING AS REQUIRED.
8. REPLACE ALL NEON BUILDING SIGNAGE ACCORDING TO SIGNAGE SHOP DRAWINGS.

EXTERIOR FINISH SCHEDULE

EIFS
DRYVIT SYSTEMS, INC.
G.C. TO SUBMIT TO OWNERS REP. FOR APPROVAL
QUARTZPUTZ DPR FINISH

EXTERIOR FINISH SCHEDULE

NOTES:

1. COVER EXISTING BRICK TO REMAIN WHERE POSSIBLE TO MINIMIZE NECESSITY OF CLEANING.
2. BRICK SPECIFICATIONS LISTED BELOW ARE TAKEN FROM ORIGINAL DOCUMENTATION. G.C. TO FIELD VERIFY ALL BRICK COLORS PRIOR TO ORDERING.

BRICK/EIFS SPECIFICATIONS:

- **BR1** PAINT OVER EXISTING BRICK. PAINT COLOR TBD
- **BR2** NEW BRICK TO MATCH EXISTING BICKERSTAFF BRICK COMPANY, 'MOUNT VERNON', MODULAR SIZE MORTAR: 'BLUFF'
G.C. TO VERIFY 'MATCH' PRIOR TO ORDERING
PAINT COLOR: TBD
- **BR3** ROWLOCK SILL, BRICK#2 HEIGHT AND OFFSETS TO MATCH EXISTING
SOLDIER/ROWLOCK COURSE, BRICK#2 HEIGHT AND OFFSETS TO MATCH EXISTING
- **EIFS1** NEW EIFS CORNICE. TBD
G.C. TO VERIFY PRIOR TO ORDERING
- **COP1** PRE-FINISHED METAL COPING. COLOR TBD
- **BR4** STOREFRONT #1 YK - YES 45. COLOR: DARK BRONZE MATTE
- **BR5** AWNINGS: SUNBRELLA FABRIC OVER POWDER COATED ALUMINUM FRAME. COLOR: BLACK LINEN TWEED / BLACK
- **BR6** PAINT #5 BLACKSMITH BRAND / SUMIER COATINGS. COATINGS: 885N200
- **HMP** HOLLOW METAL DOOR & FRAME IN 6" STEEL TUBE FRAME. HEMLOCK GREEN. MATCH EXISTING STOREFRONT FRAME.
- **GS1** GREEN SCREEN, FREE-STANDING TRELLIS FENCE BY GREENSCREEN #51332 SNAP CLIP

10 GENERAL NOTES

- 101 G.C. TO VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF DEMOLITION. NOTIFY CHICK-FIL-A CONSTRUCTION MANAGER OF ANY DISCREPANCIES.
- 102 REFER TO CIVIL DRAWINGS FOR FINISH GRADES.
- 103 PROVIDE BLOCKING FOR ALL NEW EXTERIOR WALL MOUNTED LIGHT FIXTURES.
- 104 PAINT ALL WOOD AND METALS EXPOSED TO THE EXTERIOR.
- 105 EVALUATE AND REPAIR ALL EXISTING ROOFING AS REQUIRED.
- 106 REPAIR ALL ROOFS AND FLASHINGS THAT REMAIN AS REQUIRED.
- 107 ALL NEW BRICK SHALL MATCH EXISTING SIZE, PATTERN AND COLOR INCLUDING ROWLOCK COURSE AND SOLDIER COURSE.
- 108 MORTAR COLOR SHALL MATCH EXISTING MORTAR COLOR.

20 TERMITE TREATMENT

201 NATIONAL ACCOUNT TO PRE-TREAT SLABS- TERMINIX, ACCOUNTANT REPRESENTATIVES: ROSA NEWELL
1-800-236-6189 EXT #510 - E-MAIL: RNEWELL@TERMINIX.COM (PRIMARY), HOWARD STRELSIN 1-800-236-6189 EXT #1725 - E-MAIL: HSTRELSIN@TERMINIX.COM (SECONDARY).

202 PROCEDURE:
1. GENERAL CONTRACTOR SHALL CONTACT ACCOUNT REPRESENTATIVE 58 TO 72 HOURS BEFORE THE SLAB IS TO BE PLACED.
2. PROVIDE THE PROJECT ADDRESS, CFA STORE NUMBER, SQUARE FOOTAGE OF AREA TO BE TREATED AND BILLING ADDRESS OF THE GENERAL CONTRACTOR.
3. AFTER FINAL GRADING WORK HAS BEEN COMPLETED CONTACT THE ACCOUNT REPRESENTATIVE AND TERMINIX WILL TREAT ALL UNDER SLAB AREA.
4. TERMINIX WILL FORWARD A COPY OF THE TREATMENT CERTIFICATE TO CFA HOME OFFICE AND THE GENERAL CONTRACTOR.

30 BRICK SPECIFICATIONS

NOTES:

1. COVER EXISTING BRICK TO REMAIN WHERE POSSIBLE TO MINIMIZE NECESSITY OF CLEANING.
2. BRICK SPECIFICATIONS LISTED BELOW ARE TAKEN FROM ORIGINAL DOCUMENTATION. G.C. TO FIELD VERIFY ALL BRICK COLORS PRIOR TO ORDERING.

ON NEW CONSTRUCTION MINIMIZE CLEANING BY:

- KEEPING BRICK COVERED WITH PLASTIC.
- KEEPING MORTAR TROWELING AND DROPPINGS OFF BRICK.
- SPREADING STRAW AROUND THE FOUNDATION TO KEEP THE DIRT OFF THE WALL.
- CLEANING BRICK AS YOU GO. ESPECIALLY THE HEAVY DEPOSITS OF DIRT AND MORTAR.

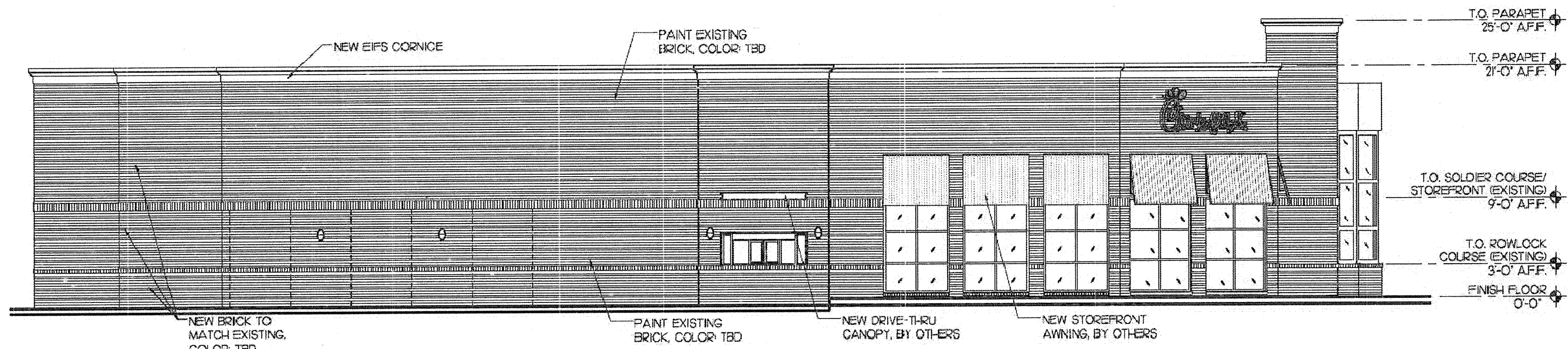
PROCEDURES:

1. REMOVE LARGE PARTICLES FROM THE WALL WITH A HAND TOOL.
2. THOROUGHLY PRE-WET THE AREA WITH PLENTY OF WATER.
3. MAKE SURE THE AREA BELOW THE SECTION TO BE CLEANED IS ALSO THOROUGHLY WET.
4. THE WALL MUST REMAIN WET AT ALL TIMES THROUGHOUT THE CLEANING PROCESS.
5. IF A TEST PANEL CANNOT BE USED A SMALL AREA SHOULD BE TESTED PRIOR TO CLEANING.
6. APPLY THE CLEANER ACCORDING TO THE MANUFACTURERS STANDARD AND CURRENT INSTRUCTIONS.
7. RINSE THOROUGHLY WITH WATER.

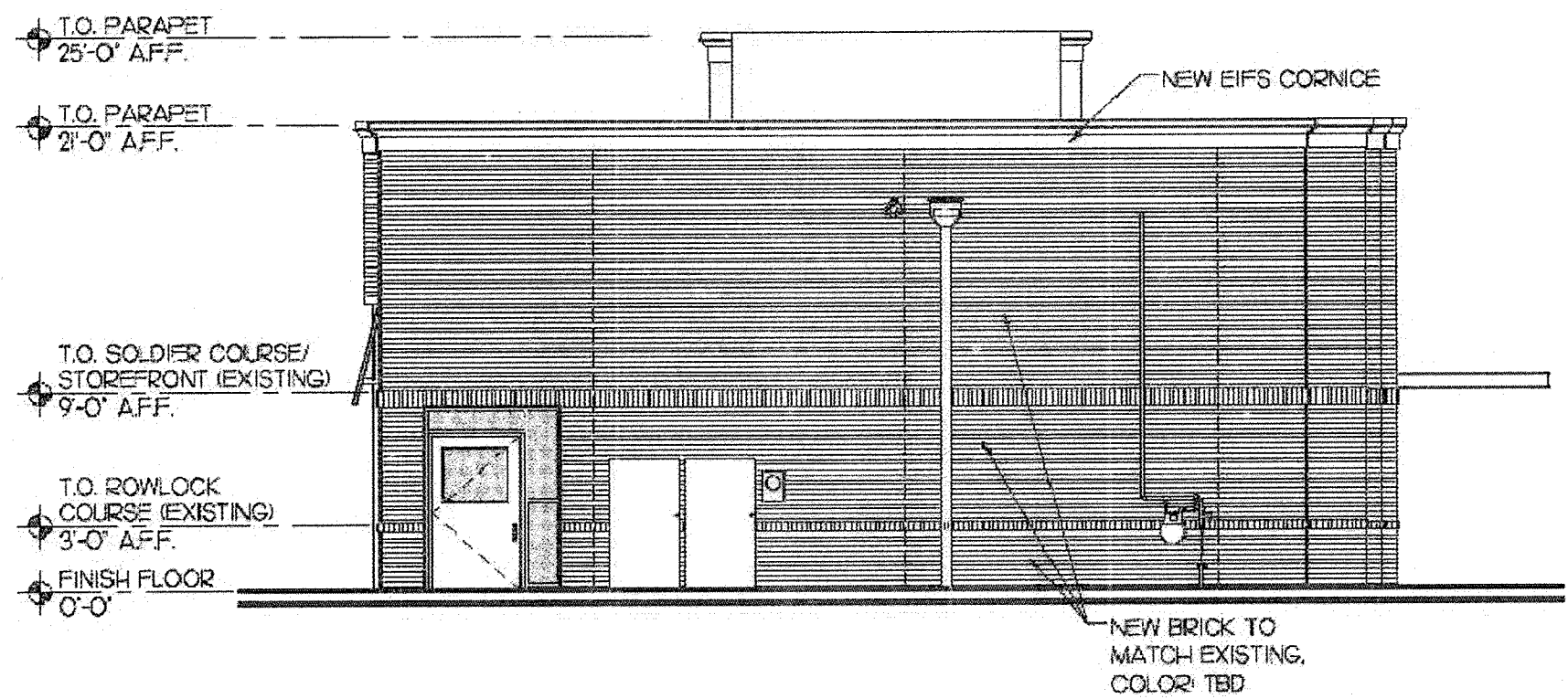
RECOMMENDED CLEANERS:

1. CLOROX, TILIX OR VANISH TO REMOVE MILDEW.
2. 300 STAIN REMOVER FOR VANADIUM STAIN*
3. VANU TRO, FOR GENERAL CLEANING
4. ENVIROKLEAN MPC FOR MLD AND OIL STAINS*

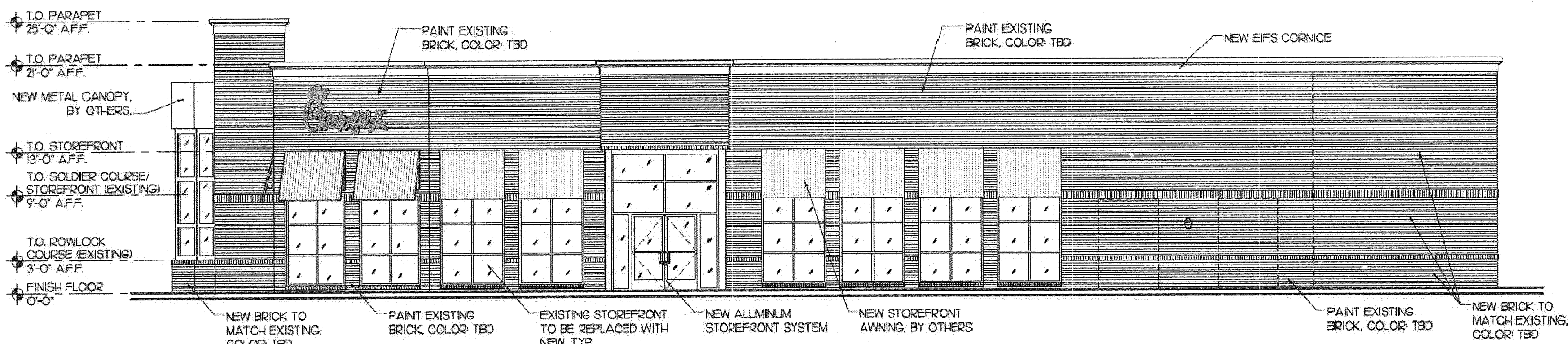
* FOLLOW MANUFACTURERS CURRENT AND STANDARD RECOMMENDED PROCEDURES ON THE LABEL.



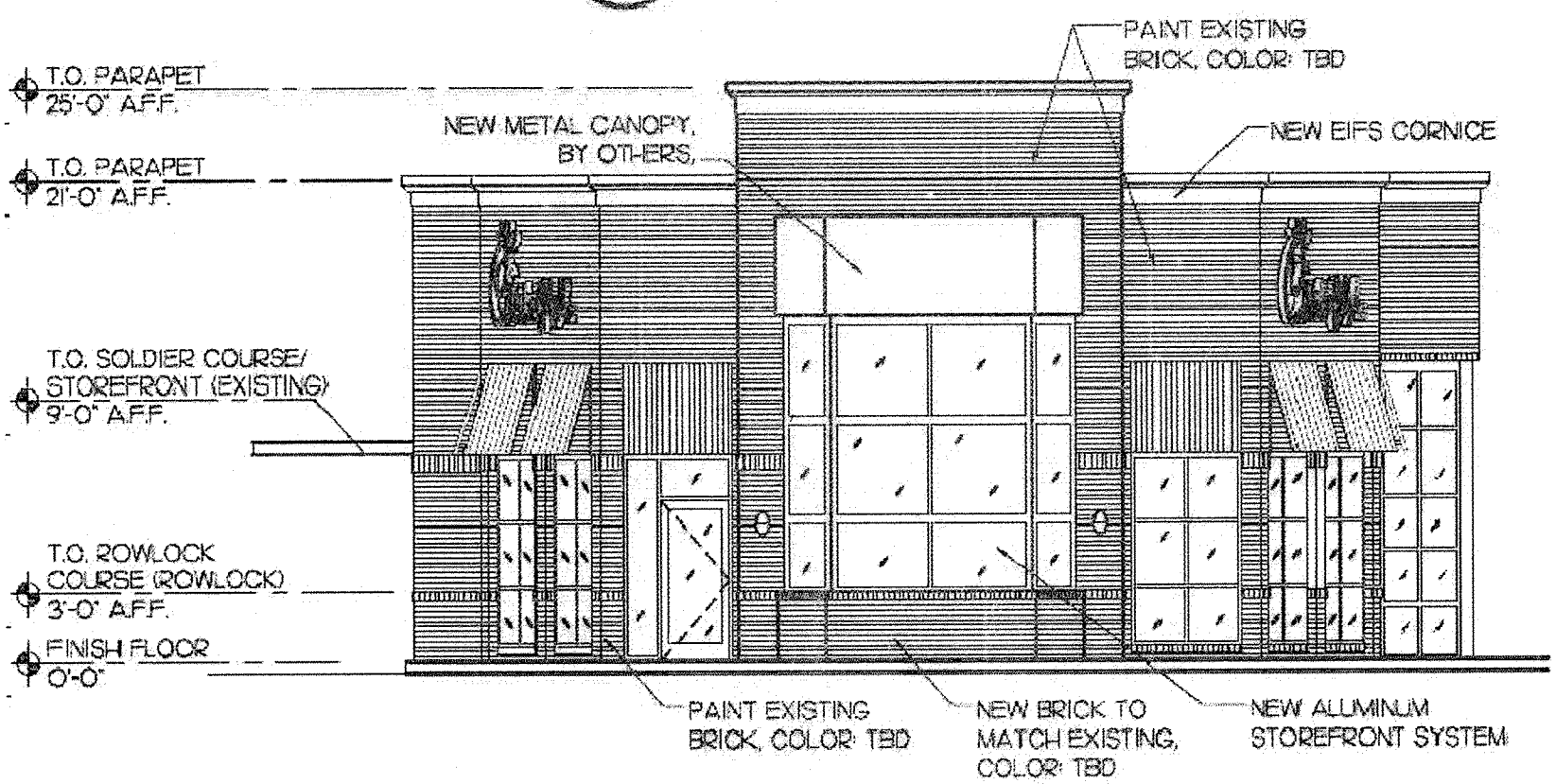
4 DRIVE THRU EXTERIOR ELEVATION
1/8" = 1'-0"



3 REAR ELEVATION
1/8" = 1'-0"



2 ENTRY EXTERIOR ELEVATION
1/8" = 1'-0"



1 FRONT ELEVATION
1/8" = 1'-0"

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

Markie M. Coughlin 6/5/14
DIRECTOR DATE

Chad Edmond 1/31/14
CHIEF, DEVELOPMENT ENGINEERING DIVISION H&P DATE

Kurt Sheehy 6-25-14
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

FOR REVISION ONLY
(NO AS-BUILT INFORMATION)
ANDREW G. STINE

Andrew G. Stine 12/1/13
PROFESSIONAL ENGINEER
MARYLAND LICENSE NO. 37687

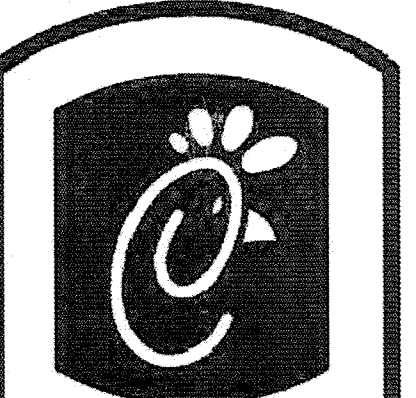
ANDREW G. STINE HEREBY CERTIFIES THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY HIM AND THAT HE IS A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 37687 EXPIRES ON DATE: 7/12/19

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
P/O PARCEL P	4905 EXECUTIVE PARK DRIVE

PERMIT INFORMATION BLOCK		
SUBDIVISION NAME:	COLUMBIA 100 OFFICE RESEARCH PARK	SECTION/AREA: PARCEL #:
PLAT:	7526	ONE/TWO P/O PARCEL P
BLOCK #:	12	TAX/ZONE MAP/ELEC. DIST.:
ZONE:	B-1	CENSUS TRACT:
MAP 30	2	6023.02
WATER CODE:	5924	SEWER CODE:
		5756539

OWNER
EXECUTIVE PARK DRIVE ASSOC., L.L.C.
10 PARKS AVENUE
HUNTVALLEY, MD 21030-4922
(410) 666-1000

THIS SHEET SUPERCEDES 16 OF 17 THAT WAS SIGNED MARCH 24, 2000



Chick-fil-A

5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

Mark Date By

△

Mark Date By

△

Mark Date By

△



ARCHITECTURE
ENGINEERING
3680 Pleasant Hill Road
Suite 200
Duluth, GA 30016
P 770.422.1818
F 770.422.3535
www.HRCarchitects.com

STORE
Executive Park Dr.
FSU #0717
4905 Executive Park
Dr, Columbia, MD
21045

SHEET TITLE
Exterior
Elevations

LWO: EDITION 00-0
REVISION 00

Job No.: 12-512
Store: #0717
Date: 02.28.13
Drawn By: BJP
Checked By: WB

16
OF 17
SDP-00-30

7. A.S-BUILT PLANS 7/13/13