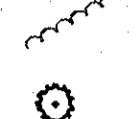

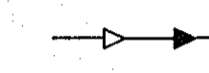



LEGEND

- EX MAJOR CONTOURS ----- 400 -----
- EX MINOR CONTOURS ----- 402 -----
- UTILITY EASEMENTS -----
- LIMIT OF DISTURBANCE -----
- SOIL LABEL MIC2
- SOIL BOUNDARY -----
- EX FOREST EDGE -----
- PROPOSED EVERGREEN TREE 
- STABILIZED CONSTRUCTION ENTRANCE 
- SILT FENCE ---SF---
- SUPER SILT FENCE ---SSF---
- PROPERTY LINE -----
- ROADWAY RIGHT-OF-WAY -----
- EXISTING & PROPOSED CONDITIONS DRAINAGE AREAS -----
- EXISTING & PROPOSED CONDITIONS TO PATH 
- SOIL BORING 

GENERAL NOTES

1. All construction shall be in accordance with the latest standards and specifications of Howard County plus MSHA standards and specifications if applicable.
2. The contractor shall notify the Department of Public Works/Bureau of Engineering/Construction Inspection Division at 410-313-1880 at least five (5) working days prior to the start of work.
3. The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work being done.
4. Traffic control devices, markings and signing shall be in accordance with the latest edition of the Manual of Uniform Traffic Control Devices (MUTCD). All street and regulatory signs be in place prior to the placement of any asphalt.
5. All plan dimensions are to face of curb unless otherwise noted.
6. The existing topography is taken from field run survey with 2' contour intervals prepared by DMW, dated 05/19/2001.
7. The coordinates shown herein are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System. Howard County Monument Nos. 0911 and 09CA are shown on the vicinity map.
8. Water is private.
9. Sewer is private.
10. Water quality is met by a Grass Swale automatically met within the grass swale directly below the under-drain of the detention facility. Channel protection volume to meet by extended detention of the 1-year storm in the forebay and by natural area conservation credits. The 10 year storm within the grass swale is non-erosive.
11. Existing utilities are based on a field survey completed by DMW.
12. There is no floodplain on this site.
13. There are no wetlands on the site.
14. No traffic study is required for this project.
15. Project background information:
 Subdivision Name: n/a
 Tax Map: 9
 Lot/Parcel: 94
 Zoning: RC-DEO
 Elevation District: 3rd
 Total Site Area: 147.69 acres
16. The subject property is zoned RC-DEO per the September 18, 1992 comprehensive zoning plan.
17. Financial surety has been posted as part of the DPW developer's agreement in the amount of \$4,800 for 8 shade trees and 16 evergreen trees.
18. This project complies with the requirements of Section 16.1200 of the Howard County Code for Forest Conservation by paying \$ 4,574.00 for a fee in lieu of planting the required 0.21 acres of reforestation.
19. There are no slopes of 15 - 25% or greater within the area of submission.
20. This Site Development Plan is consistent with and follows the site plan submitted to the Howard County Board of Appeals. A petition, case no. BA-01-44-CIV, for a Conditional Use for a 190 foot tall monopole and associated equipment within a 70 foot by 70 foot fenced compound and a Variance to reduce the 30 foot setback to zero feet for an existing gravel driveway accessing the conditional use site in an RC-DEO (Rural Conservation - Density change Option) Zoning District, filed pursuant to Sections 151.14 and 130.B.2 of the Howard County Zoning Regulations. The petition was granted by the Board of Appeals on December 10, 2002, subject to the following conditions:
 1. The Conditional Use shall apply only to the commercial communications tower facility and its access as described in the petition, and as depicted on the Conditional Use plan entitled "Warfield Property - Unmanned Wireless Communications Site" submitted on July 26, 2001, and not to any other activities, uses, or structures on the subject property.
 2. That the variance shall apply only to the existing driveway and not any structures or other uses on the subject property.
 3. The Petitioner shall comply with all applicable Federal, State and County laws and regulations.
21. A waiver to design manual Volume 5 Section 2.6.5.D which requires that all driveways and parking areas be paved, was requested in a letter dated January 7, 2003. The waiver request was approved by the Development Engineering Division in a letter dated January 21, 2003.
22. A waiver petition (WP-03-107) requesting approval to allow direct access onto an arterial highway (Route 32) for a non-residential development, the proposed telecommunication facility, was approved on April 16, 2003, subject to compliance with all conditions of approval for BA-01-44-CIV.

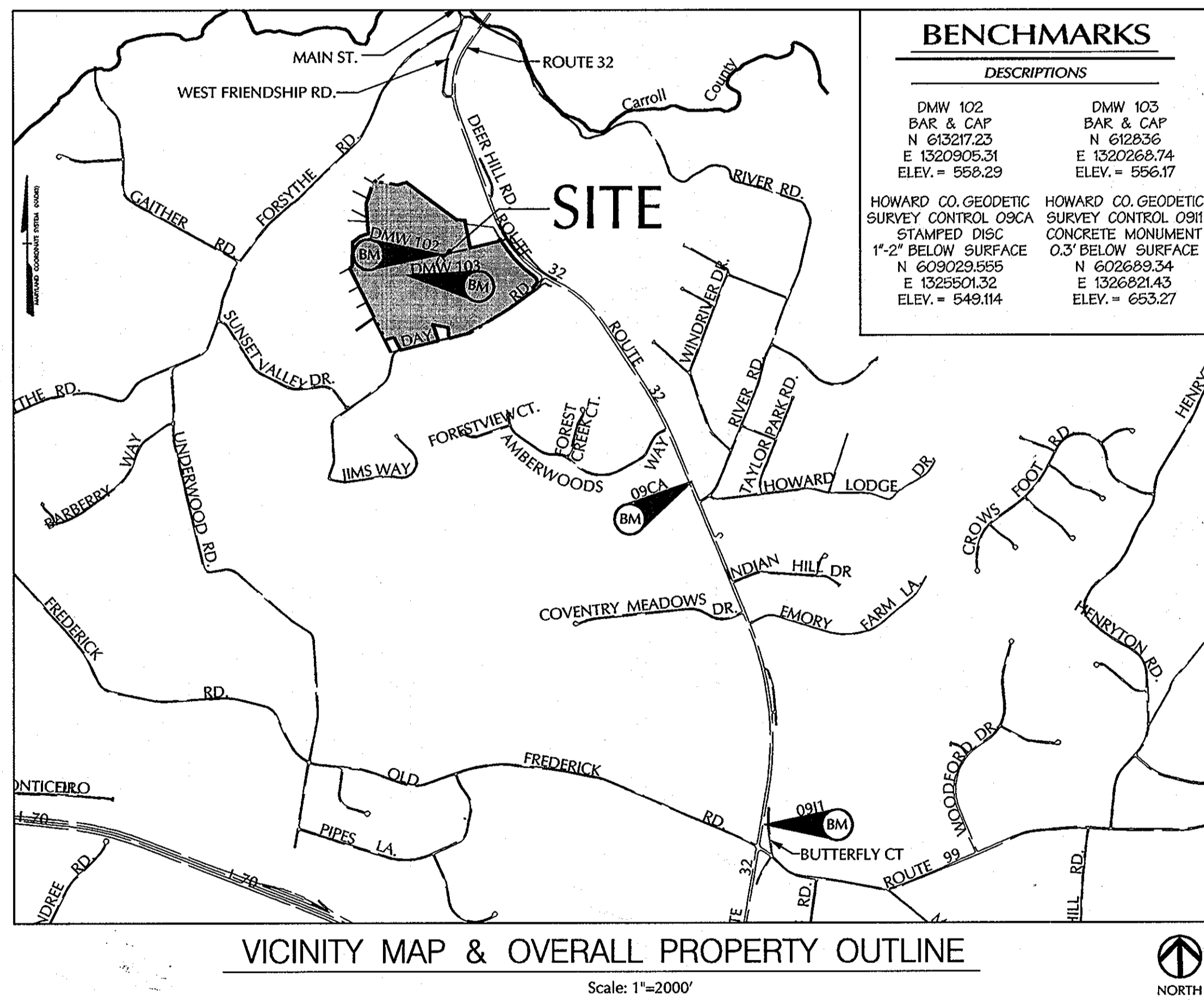
Site Development Plan for



PROPOSED UNMANNED WIRELESS COMMUNICATION SITE

SITE NO.: BAN 224C

WARFIELD



BENCHMARKS

DESCRIPTIONS	
DMW 102 BAR & CAP N 613217.23 E 1320905.31 ELEV. = 559.29	DMW 103 BAR & CAP N 612836 E 1320268.74 ELEV. = 556.17
HOWARD CO. GEODETIC SURVEY CONTROL 09CA STAMPED DISC 1"-2" BELOW SURFACE N 609029.555 E 1325501.32 ELEV. = 549.114	HOWARD CO. GEODETIC SURVEY CONTROL 0911 CONCRETE MONUMENT 0.3" BELOW SURFACE N 602689.34 E 1326821.43 ELEV. = 653.27

CODE COMPLIANCE

1. IBC 2000	6. AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATIONS (ASCE)
2. INTERNATIONAL MECHANICAL CODE 2000	7. UNDERWATER LABORATORIES APPROVED ELECTRICAL PRODUCTS
3. NATIONAL ELECTRIC CODE (NEC) WITH LOCAL AMENDMENTS 2002	8. LOCAL BUILDING CODE
4. ANSIFIA-222-F	9. COUNTY ORDINANCES
5. LIFE SAFETY CODE NFPA-101-2000	

DIRECTIONS

FROM I-685, TAKE THE I-70 EAST WEST EXIT, EXIT NUMBER 16, TOWARDS FREDERICK. KEEP RIGHT AT THE FORK IN THE RAMP. MERGE ONTO I-70 W. TAKE I-70 WUS-40 W. TAKE THE MD-32 EXIT, EXIT NUMBER 80, TOWARDS CLARKSVILLE/SYKESVILLE. KEEP RIGHT AT THE FORK IN THE RAMP. MERGE ONTO MD-32 N/SYKESVILLE RD.

AS-BUILT CERTIFICATION FOR PSWM

I HEREBY CERTIFY THAT THE FACILITY SHOWN ON THE PLAN WAS CONSTRUCTED AS SHOWN ON THE AS-BUILT PLANS AND COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS. I HAVE VERIFIED THAT THE CONSTRUCTION DRAINAGE AREA IS SUFFICIENTLY STABILIZED TO PREVENT EROSION OF THE UNDERGROUND SWM FACILITY.

Gerald D. Turney 10-1-12 P.E. # 28569
 66867
 AS-BUILT DATE: 9-26-2012

SHT. NO.	DESCRIPTION	REV.
1	TITLE SHEET	2
2	SITE PLAN & FOREST CONSERVATION WORKSHEET	2
3	COMPOUND DETAIL, SITE DETAILS, & SHA ENTRANCE DETAIL	2
4	SEDIMENT AND EROSION CONTROL PLAN	2
5	SEDIMENT AND EROSION CONTROL SPECIFICATIONS	2
6	SEDIMENT AND EROSION CONTROL DETAILS	2
7	STORMWATER MANAGEMENT PLAN	2
8	STORMWATER MANAGEMENT DETAILS	2
9	LANDSCAPE PLAN, NOTES AND DETAILS	2

SHEET INDEX

SITE ANALYSIS DATA CHART

1. TOTAL PROJECTED AREA: 147.68 AC. (6,432,941 SQ. FT.)	2. AREA OF PLAN SUBMISSION: 1.00 AC. (43,560 SQ. FT.)
3. LIMIT OF DISTURBED AREA: 0.38 AC. (16,688 SQ. FT.) ±	4. PRESENT ZONING DESIGNATION: RC-DEO
5. PROPOSED USE FOR SITE: TELECOMMUNICATIONS FACILITY	6. FLOOR SPACE ON EACH LEVEL OF BUILDING PER USE: NA
7. TOTAL NO. OF UNITS ALLOWED FOR PROJECT AS SHOWN ON FINAL PLAT: NA	8. TOTAL NO. OF UNITS PROPOSED ON SUBMISSION: NONE
9. MAXIMUM NO. OF EMPLOYEES: UNMANNED	10. NO. OF PARKING SPACES REQUIRED: NONE
11. NO. OF PARKING SPACES PROVIDED: ONE	12. OPEN SPACE ON SITE: NONE
13. AREA OF RECREATION OPEN SPACE REQUIRED BY SUBDIVISION & LAND DEVELOPMENT REGULATIONS: NONE	14. BUILDING COVERAGE OF SITE: NA
15. APPLICABLE DPZ FILE REFERENCES: BA 01-44CIV	

PROJECT SUMMARY

EQUIPMENT TYPE: OUTDOOR INDOOR

ANTENNA LOCATION: RBS 2102 NORTEL S-8000 ISM/WCS

LATTICE TOWER
 MONOPOLE
 EXISTING BUILDING
 EXISTING WATER TANK
 RAW LAND

JURISDICTION: HOWARD COUNTY
 ZONING: RC-DEO

PROJECT INCLUDES THE INSTALLATION OF A 190' HIGH MONOPOLE WITH ANTENNAS AND GROUND BASED EQUIPMENT CABINETS ON A 10'X15' CONCRETE PAD.

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No. **23303** Expiration Date: **7/7/14**

18278
Professional Engr. No.

MRA REVISION BLOCK

DATE	BY	NOTE
6/10/13	CJS	TO SHOW VERIZON WIRELESS ANT + EQUIP

ADDRESS CHART

LOT / PARCEL #	STREET ADDRESS
94	720 SYKESVILLE ROAD

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

Michael J. ... 11/14/03
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

... 11/5/03
 CHIEF, DIVISION OF LAND DEVELOPMENT

... 11/16/02
 DIRECTOR

OMNIPPOINT COMMUNICATIONS CAP OPERATIONS, LLC.

SITE NO. BAN 224C
 UNMANNED WIRELESS COMMUNICATION SITE

WARFIELD PROPERTY

720 SYKESVILLE ROAD (MD ROUTE 32)
 SYKESVILLE, MD 21784

OWNER: SAMUEL L. WARFIELD, TRUSTEE
 910 DAY ROAD
 SYKESVILLE, MD 21784

DEVELOPER: OMNIPPOINT COMMUNICATIONS CAP OPERATIONS, LLC
 12250 BALTIMORE AVENUE
 BELTSVILLE, MARYLAND 20705
 (240) 264-8618

DMW
 Deft-McCune-Walker, Inc.
 300 East Pennsylvania Avenue
 Towson, Maryland 21286
 (410) 296-3353
 Fax 296-4706

A Team of Land Planners, Landscape Architects, Civil Engineers, Surveyors & Environmental Professionals

SUBDIVISION NAME	SECTION AREA	LOT/PARCEL #		
N/A	N/A	94		
PLAT OR LA	ZONE	TAXING MAP	ELECT. DISTRICT	CENSUS TRACT
4782167	N/A	RC-DEO	03	3
WATER CODE	SEWER CODE			

TITLE SHEET

Des By KO	Scale AS SHOWN	Proj. No. 010021A
Dm By KO	Date 01/03/03	
Chk By MDM	Approved WRD	1 of 10

OMNIPOINT SITE NOTES

- CURRENT OWNER AND STREET ADDRESS: SAMUEL L. WARFIELD, TRUSTEE
910 DAY ROAD
SYKESVILLE, MD 21784
- CONTRACT LESSEE/APPLICANT: OMNIPOINT COMMUNICATIONS OPERATIONS LLC
12050 BALTIMORE AVENUE
BELTSVILLE, MD 20705
- SITE AREA: 147.68 ACRES ±
- EXISTING USE: AGRICULTURAL
- SITE ADDRESS: 720 SYKESVILLE ROAD (MD ROUTE 32)
SYKESVILLE, MD 21784
- SITE DATA: TAX MAP 9 GRID 3 PARCEL 94
DEED REFERENCE: 4792167
TAX ACCOUNT NUMBER: 2392205
ELECTION DISTRICT: 3
ZONE: RC-DEO
(AGRICULTURAL EASEMENT PURCHASED)
ADC MAP 5 GRID A-7
- MONOPOLE LOCATION
LATITUDE: N 39°20'59.43" (NAD 27) N 39°20'59.81" (NAD 83)
LONGITUDE: W 76°58'14.67" (NAD 27) W 76°58'13.60" (NAD 83)
GROUND ELEVATION: 545' AMSL (NAVD 88)
PROPOSED ANTENNA HEIGHT: 190' ± AGL
TOTAL PROPOSED ANTENNA ELEVATION: 735' ± AMSL (NAVD 88)
- THIS PROPOSAL IS FOR AN UNMANNED TELECOMMUNICATIONS FACILITY CONSISTING OF LOCATING A PROPOSED 190' MONOPOLE WITH THREE (3) PANEL ANTENNAS, AND THE PLACEMENT OF GROUND BASED EQUIPMENT CABINETS ON A 10' x 20' CONCRETE PAD NEXT TO THE MONOPOLE INSIDE A PROPOSED 70' x 70' GRAVEL COMPOUND.
- THE TOPOGRAPHIC INFORMATION SHOWN HEREON, IN THE AREA OF THE PROPOSED COMPOUND, IS THE RESULT OF A DMW FIELD SURVEY PERFORMED ON 05/19/2001. TOPOGRAPHY OUTSIDE OF THE COMPOUND PROVIDED BY HOWARD COUNTY GIS. THE PROPERTY INFORMATION AND LOCATION HAVE BEEN COMPILED FROM DEEDS, PLATS AND OTHER SOURCES DEEMED RELIABLE. HOWEVER, THIS PLAN IS NOT THE RESULT OF A BOUNDARY SURVEY AND, THEREFORE, IS SUBJECT TO CHANGE. THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
- THERE ARE NO NEW SIGNS PROPOSED FOR THIS FACILITY.
- NO ADDITIONAL SITE, ANTENNA LIGHTS OR STROBOSCOPIC LIGHTS ARE PROPOSED FOR THIS FACILITY, UNLESS REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION.
- THIS SITE IS NOT LOCATED WITHIN A 100 YEAR FLOOD PLAIN AS PER THE NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 240044-0009-B REVISED DECEMBER 4, 1986.
- IF THE ANTENNAS ARE NO LONGER USED FOR TELECOMMUNICATIONS PURPOSES FOR A CONTINUOUS PERIOD OF ONE (1) YEAR, THEY SHALL BE REMOVED BY THE ANTENNA OWNER AT OWNER'S EXPENSE.
- NO WATER OR SANITARY UTILITIES EXIST ON THE PROPOSED FACILITY.
- EXISTING UTILITY LOCATION INFORMATION SHOWN ON THESE PLANS IS FOR THE CONTRACTOR'S CONVENIENCE ONLY. WHILE THE INFORMATION SHOWN HAS BEEN GATHERED FROM SURVEYS AND SOURCES DEEMED TO BE RELIABLE, THE CORRECTNESS OR COMPLETENESS OF THE INFORMATION SHOWN IS NOT WARRANTED OR GUARANTEED. THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS OWN SATISFACTION.
- THE CONTRACTOR IS TO NOTIFY MISS UTILITY (800) 257-7777 A MINIMUM OF 3 WORKING DAYS PRIOR TO ANY CONSTRUCTION OR EXCAVATION. THE CONTRACTOR IS TO ALSO NOTIFY A PRIVATE UTILITY CONTRACTOR FOR ALL ON-SITE UTILITY LOCATIONS.
- THE APPLICANT WILL PROVIDE A CERTIFICATION FROM A REGISTERED ENGINEER THAT THE STRUCTURE WILL MEET THE APPLICABLE DESIGN STANDARDS FOR WIND LOADS, OF THE ELECTRONIC INDUSTRIES ASSOCIATES (EIA) FOR HOWARD COUNTY.
- COMMUNICATION TOWER SHALL BE GREY OR A SIMILAR COLOR THAT MINIMIZES VISIBILITY, UNLESS A DIFFERENT COLOR IS REQUIRED BY THE FCC OR FAA.
- GROUND DISTURBANCE LIMITED TO 16,688 SQUARE FEET ±.

LEGEND

- PROPERTY LINE
- SETBACK LINE
- EASEMENT LINE
- EXISTING CONTOURS
- EDGE OF BIT. ASPHALT PAVEMENT
- EDGE OF GRAVEL DRIVEWAY
- EXISTING TREE LINE
- UTILITY/POWER POLE
- EX. OVERHEAD POWER LINE
- LIMIT OF DISTURBANCE
- SOILS LINE & LABELS

BENCHMARK

DESCRIPTION	DMW 102	DMW 103
BAR & CAP	N 613217.23	N 612936
E 1320305.31	E 1320268.74	E 1320268.74
ELEV. = 558.29	ELEV. = 556.17	

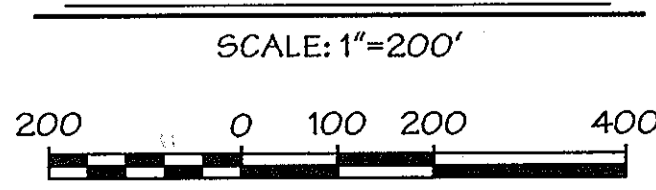


FOREST CONSERVATION CALCULATIONS

BASIC SITE DATA	ACRES (110)
GROSS SITE AREA	147.68
AREA WITHIN AGRICULTURAL USE OR PRESERVATION PARCEL (IF APPLICABLE)	146.63 ±
NET TRACT AREA	1.05 ±
LAND USE CATEGORY	R-RMD
INFORMATION FOR CALCULATIONS	
A. NET TRACT AREA	1.05
B. REFORESTATION THRESHOLD (25% x A)	0.26
C. AFFORESTATION MINIMUM (20% x A)	0.21
D. EXISTING FOREST ON NET TRACT AREA	0.00
E. FOREST AREAS TO BE CLEARED	0.00
F. FOREST AREAS TO BE RETAINED	0.00
AFFORESTATION CALCULATIONS	
A. NET TRACT AREA	1.05
B. AFFORESTATION THRESHOLD (20% x A)	0.21
C. EXISTING FOREST ON NET TRACT AREA	0.00
D. FOREST AREAS TO BE CLEARED	0.00
E. FOREST AREAS TO BE RETAINED	0.00
F. TOTAL AFFORESTATION REQUIRED	0.21

* THE AREA OF AGRICULTURAL PRESERVATION EASEMENT CAN BE NETTED OUT OF GROSS AREA IN ACCORDANCE WITH DPZ POLICY MEMO DATED 4/8/03.
** INCLUDES DISTURBANCE FOR DRIVEWAY AREA OUTSIDE OF 1 ACRE COMPOUND.

SITE PLAN



AS-BUILT CERTIFICATION FOR PSWM

NOTE: THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET
SIGNED: *Gerald D. Turnbaugh* 10-1-12 P.E. # 26569
GERALD D. TURNBAUGH

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING	
<i>[Signature]</i> CHIEF, DEVELOPMENT ENGINEERING DIVISION	11/4/03 DATE
<i>[Signature]</i> CHIEF, DIVISION OF LAND DEVELOPMENT	11/5/03 DATE
<i>[Signature]</i> DIRECTOR	11/10/03 DATE

Date	No.	Revision Description
10/02/03	3	SUBMITTED FOR HOWARD COUNTY APPROVAL AND SIGNATURE
06/05/03	2	REVISED PER COMMENTS RECEIVED BY DPZ AND DED
03/17/03	1	REVISED PER COMMENTS RECEIVED BY DPZ, DED, AND ALPP

OMNIPOINT
COMMUNICATIONS CAP OPERATIONS, LLC.

SITE NO. BAN 224C
UNMANNED WIRELESS COMMUNICATION SITE
WARFIELD PROPERTY
720 SYKESVILLE ROAD (MD ROUTE 32)
SYKESVILLE, MD 21784

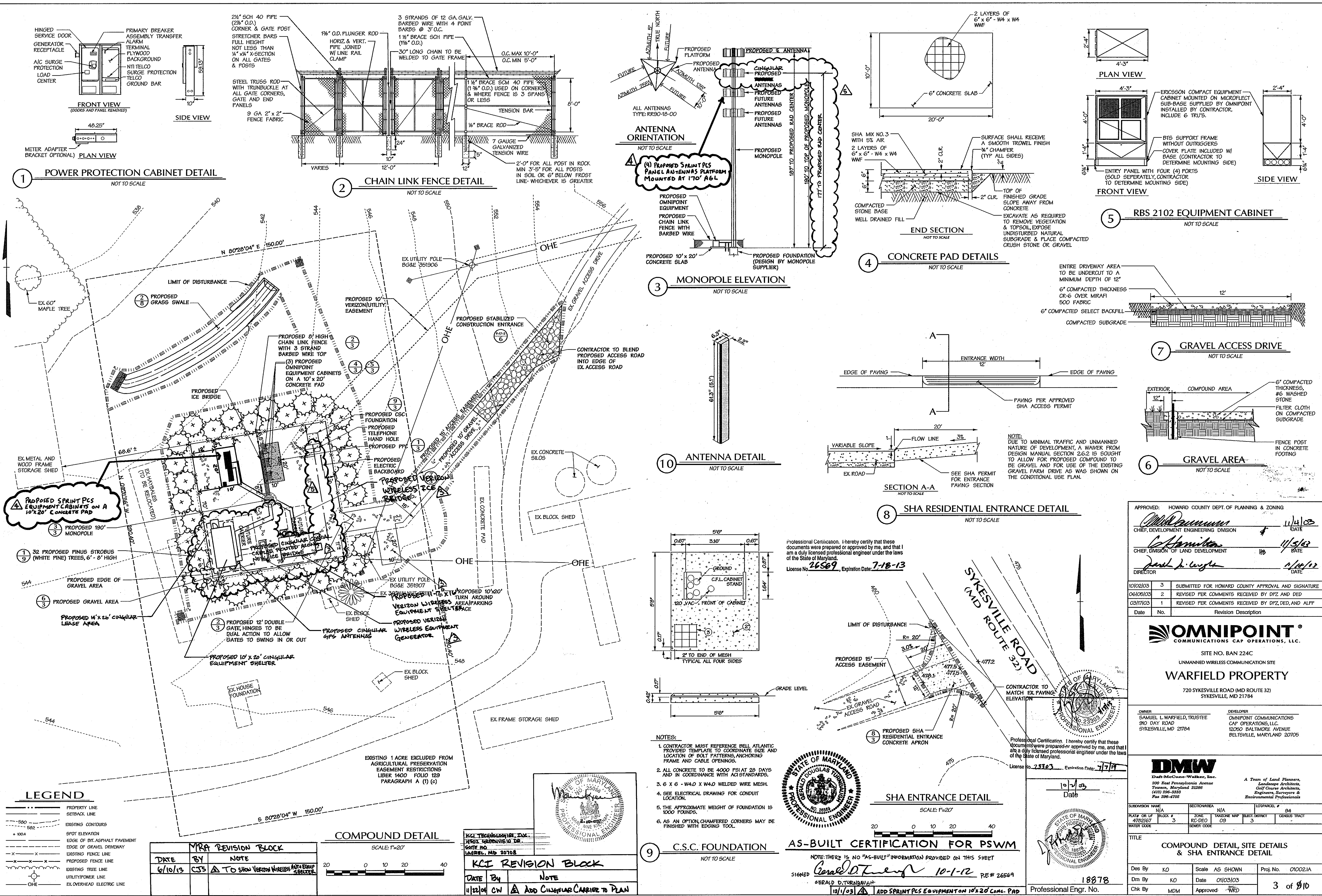
OWNER: SAMUEL L. WARFIELD, TRUSTEE
910 DAY ROAD
SYKESVILLE, MD 21784

DEVELOPER: OMNIPOINT COMMUNICATIONS CAP OPERATIONS, LLC.
12050 BALTIMORE AVENUE
BELTSVILLE, MARYLAND 20705

DMW
Edna-Mary-Care-Walton, Inc.
200 East Pennsylvania Avenue
Towson, Maryland 21286
(410) 296-3333
Fax: 296-4700

A Team of Land Planners,
Landscape Architects,
Civil Engineers, Surveyors &
Environmental Professionals

SECTION NAME: N/A	SECTION AREA: N/A	LOT/PARCEL # 94
PLAT # OR LF: 4792167	BLOCK # 3	ZONE: RC-DEO
WATER CODE	TAXING MAP: 09	ELECTION DISTRICT: 3
SEWER CODE		GENESIS TRACT
TITLE: SITE PLAN		
Des By: KO	Scale: 1"=200'	Proj. No.: 010021A
Drn By: KO	Date: 01/03/03	
Chk By: MDM	Approved: WRD	2 of 10



1 POWER PROTECTION CABINET DETAIL
NOT TO SCALE

2 CHAIN LINK FENCE DETAIL
NOT TO SCALE

3 MONOPOLE ELEVATION
NOT TO SCALE

4 CONCRETE PAD DETAILS
NOT TO SCALE

5 RBS 2102 EQUIPMENT CABINET
NOT TO SCALE

7 GRAVEL ACCESS DRIVE
NOT TO SCALE

6 GRAVEL AREA
NOT TO SCALE

8 SHA RESIDENTIAL ENTRANCE DETAIL
NOT TO SCALE

10 ANTENNA DETAIL
NOT TO SCALE

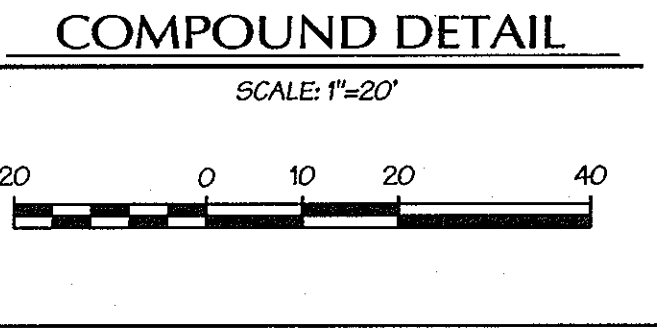
9 C.S.C. FOUNDATION
NOT TO SCALE

LEGEND

- PROPERTY LINE
- SETBACK LINE
- EXISTING CONTOURS
- SPOT ELEVATION
- EDGE OF BITUMINOUS PAVEMENT
- EXISTING DRIVEWAY
- EXISTING FENCE LINE
- PROPOSED FENCE LINE
- EXISTING TREE LINE
- UTILITY/POWER LINE
- EX-OVERHEAD ELECTRIC LINE

MRA REVISION BLOCK

DATE	BY	NOTE
6/10/13	CJS	TO SHOW VERIZON WIRELESS ANTENNA SHELTER

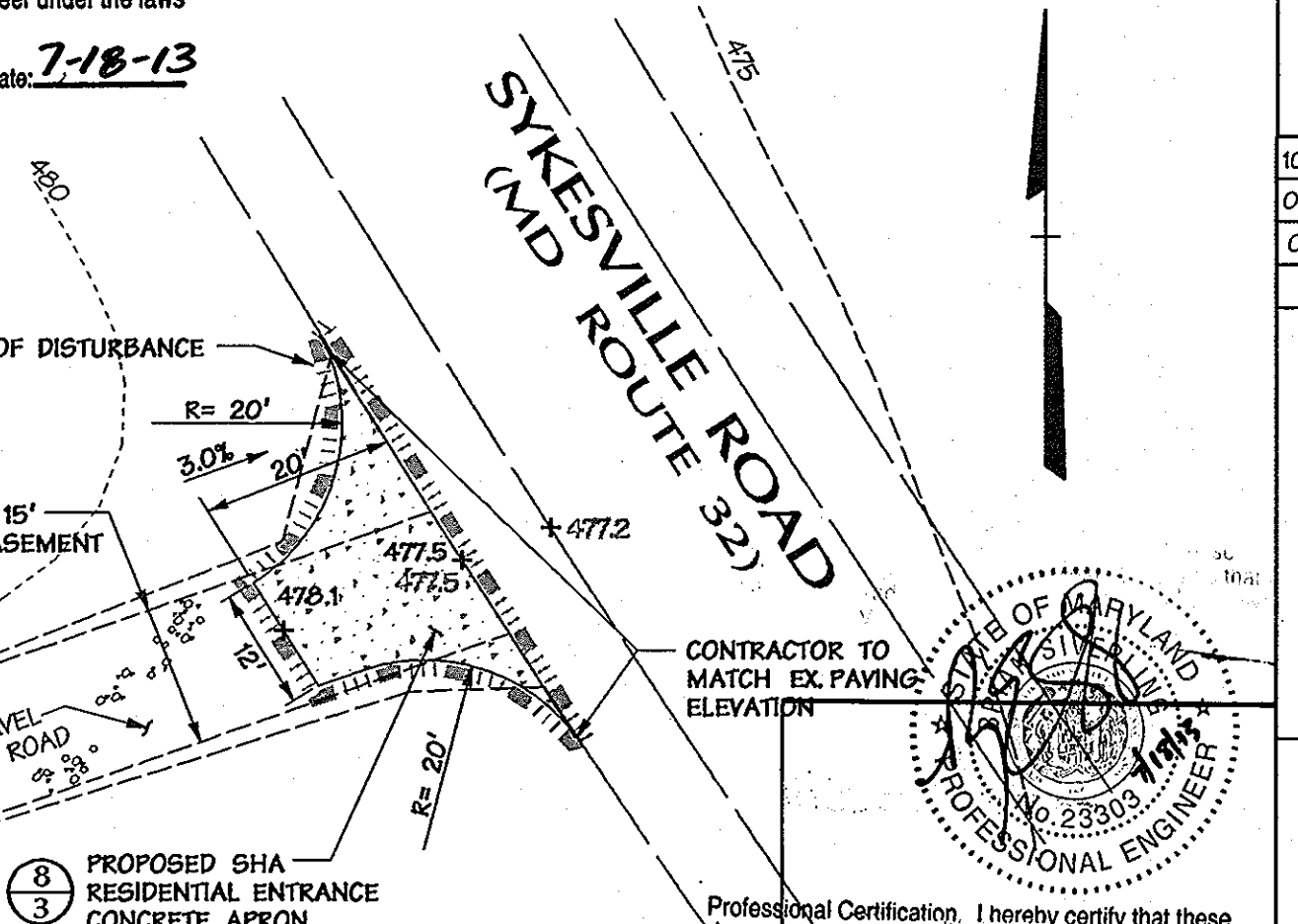
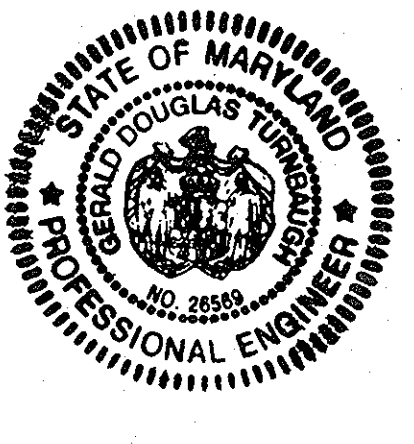


KCI TECHNOLOGIES, INC.
14502 GREENVIEW DR.
GAPLE HILL, MD 20708

KCI REVISION BLOCK

DATE	BY	NOTE
11/22/14	CW	ADD CIRCULAR CARRIER TO PLAN

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. **26569**, Expiration Date: **7-18-13**



AS-BUILT CERTIFICATION FOR PSWM
NOTE: THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET
SIGNED: *Gerald D. Turner* 10-1-12
11/1/03 **ADD SPRINT PCS EQUIPMENT ON 10'x20' CONG. PAD**

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

<i>Howard County</i>	11/4/03
CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE
<i>John P. Wagle</i>	11/5/03
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE
<i>John P. Wagle</i>	11/10/03
DIRECTOR	DATE

Date	No.	Revision Description
10/02/03	3	SUBMITTED FOR HOWARD COUNTY APPROVAL AND SIGNATURE
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OMNIPOINT
COMMUNICATIONS CAP OPERATIONS, LLC.

SITE NO. BAN 224C
UNMANNED WIRELESS COMMUNICATION SITE

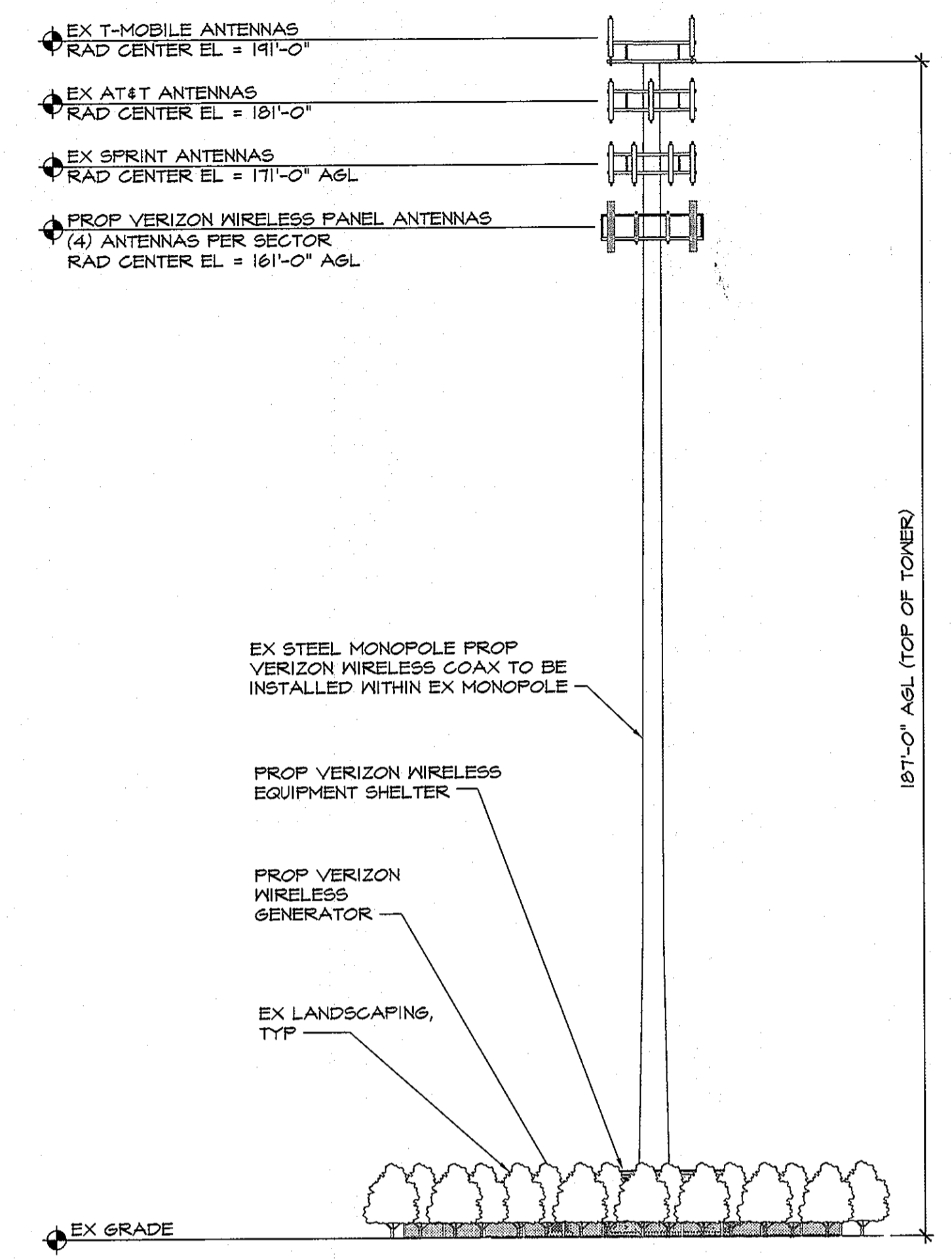
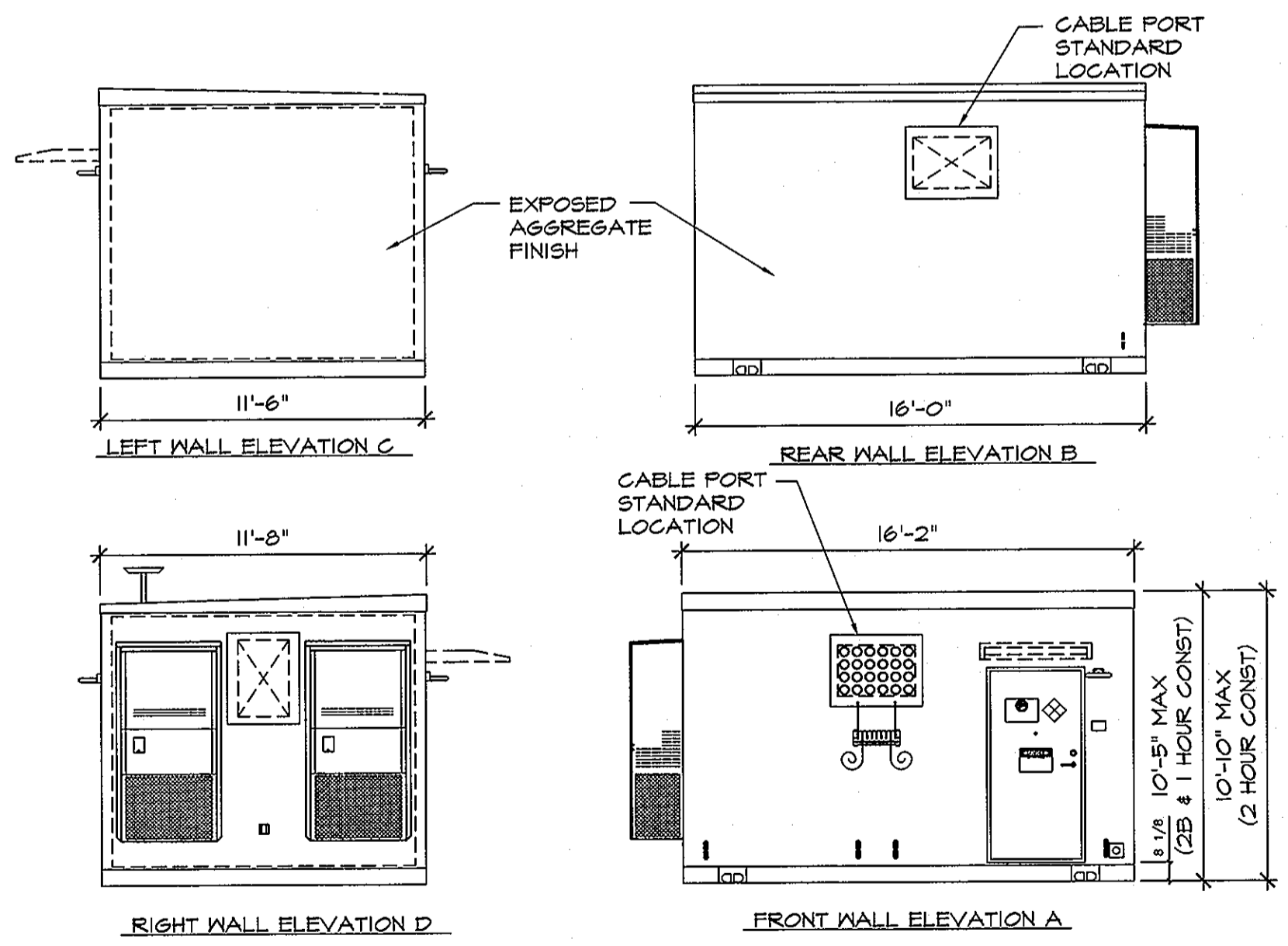
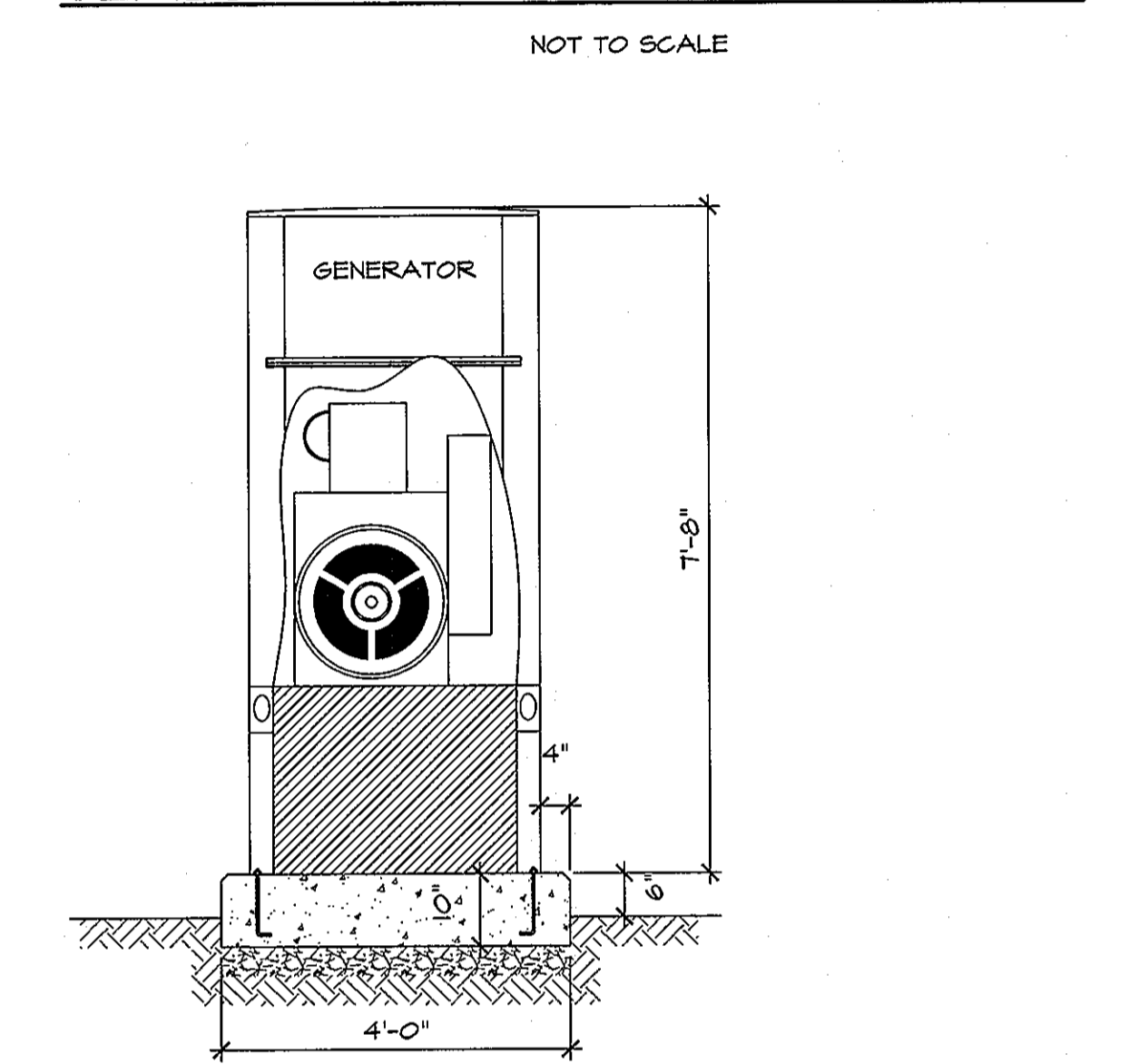
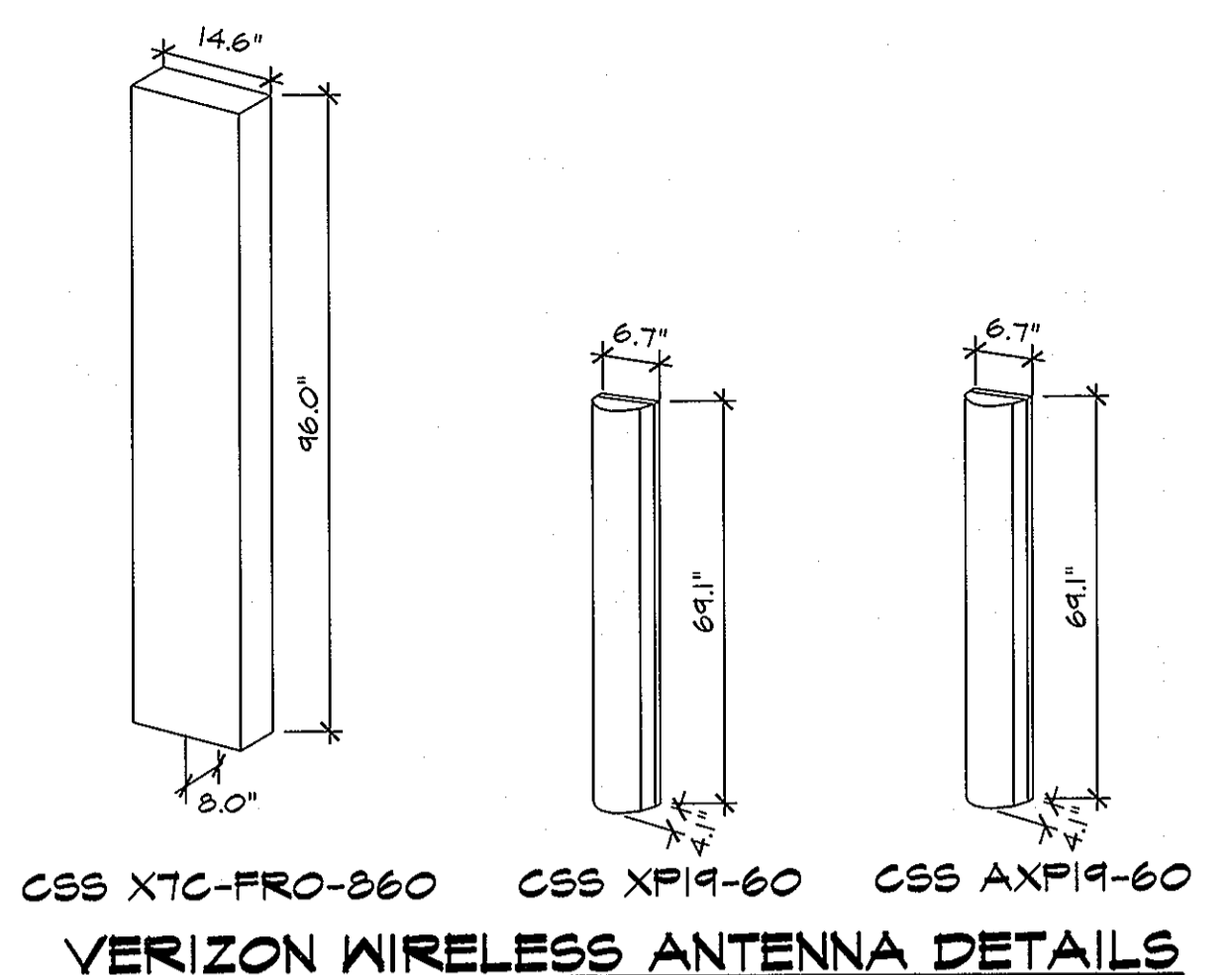
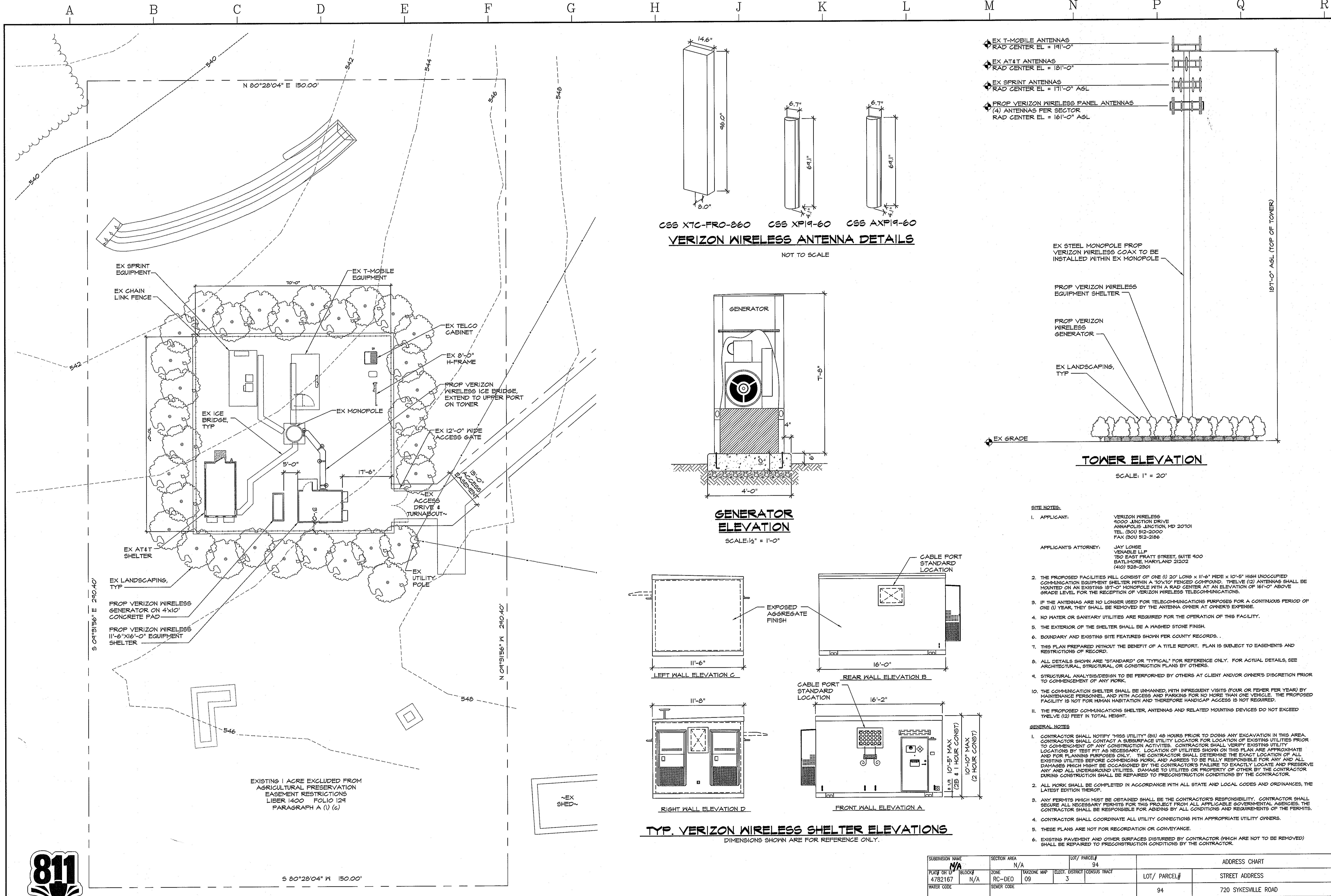
WARFIELD PROPERTY
720 SYKESVILLE ROAD (MD ROUTE 32)
SYKESVILLE, MD 21784

OWNER SAMUEL L. WARFIELD, TRUSTEE 590 DAY ROAD SYKESVILLE, MD 21784	DEVELOPER OMNIPOINT COMMUNICATIONS CAP OPERATIONS, LLC. 12050 BALTIMORE AVENUE BELTSVILLE, MARYLAND 20705
------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

DMW
DRAFT-McCune-Walker, Inc.
200 East Pennsylvania Avenue
Towson, Maryland 21286
(410) 296-5333
Fax 296-4705

A Team of Land Planners, Landscape Architects, Golf Course Architects, Engineers, Surveyors & Environmental Professionals

SUBMISSION NAME N/A	SECTION AREA N/A	LOI/PARCEL # 94
PLAT/ OR LF/ BLOCK # 4782/67/ 3	ZONE RC-DEO 09	ELECT. DISTRICT 3
WATER CODE	SEWER CODE	CENSUS TRACT
TITLE COMPOUND DETAIL, SITE DETAILS & SHA ENTRANCE DETAIL		
Des By KO	Scale AS SHOWN	Proj. No. 010021A
Dim By KO	Date 01/03/03	3 of 910
Chk By MDM	Approved WRD	



SITE NOTES:

1. APPLICANT: VERIZON WIRELESS 4000 JUNCTION DRIVE ANNAPOLIS, MARYLAND 21401 TEL: (301) 512-2000 FAX: (301) 512-2166
2. APPLICANT'S ATTORNEY: JAY LOHSE VENABLE LLP 150 EAST PRATT STREET, SUITE 400 BALTIMORE, MARYLAND 21202 (410) 528-2201
3. THE PROPOSED FACILITIES WILL CONSIST OF ONE (1) 20' LONG X 11'-6" WIDE X 10'-5" HIGH UNOCCUPIED COMMUNICATIONS EQUIPMENT SHELTER WITHIN A 10'x10' FENCED CONCRETE PAD. TWELVE (12) ANTENNAS SHALL BE MOUNTED ON AN EXISTING 187'-0" MONOPOLE WITH A RAD CENTER AT AN ELEVATION OF 161'-0" ABOVE GRADE LEVEL FOR THE RECEPTION OF VERIZON WIRELESS TELECOMMUNICATIONS.
4. IF THE ANTENNAS ARE NO LONGER USED FOR TELECOMMUNICATIONS PURPOSES FOR A CONTINUOUS PERIOD OF ONE (1) YEAR, THEY SHALL BE REMOVED BY THE ANTENNA OWNER AT OWNER'S EXPENSE.
5. NO WATER OR SANITARY UTILITIES ARE REQUIRED FOR THE OPERATION OF THIS FACILITY.
6. THE EXTERIOR OF THE SHELTER SHALL BE A WASHED STONE FINISH.
7. BOUNDARY AND EXISTING SITE FEATURES SHOWN PER COUNTY RECORDS.
8. THIS PLAN PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. PLAN IS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.
9. ALL DETAILS SHOWN ARE "STANDARD" OR "TYPICAL" FOR REFERENCE ONLY. FOR ACTUAL DETAILS, SEE ARCHITECTURAL, STRUCTURAL, OR CONSTRUCTION PLANS BY OTHERS.
10. STRUCTURAL ANALYSIS/DESIGN TO BE PERFORMED BY OTHERS AT CLIENT AND/OR OWNER'S DISCRETION PRIOR TO COMMENCEMENT OF ANY WORK.
11. THE COMMUNICATIONS SHELTER SHALL BE UNMANNED, WITH INFREQUENT VISITS (FOUR OR FEWER PER YEAR) BY MAINTENANCE PERSONNEL, AND WITH ACCESS AND PARKING FOR NO MORE THAN ONE VEHICLE. THE PROPOSED FACILITY IS NOT FOR HUMAN HABITATION AND THEREFORE HANDICAP ACCESS IS NOT REQUIRED.
12. THE PROPOSED COMMUNICATIONS SHELTER, ANTENNAS AND RELATED MOUNTING DEVICES DO NOT EXCEED TWELVE (12) FEET IN TOTAL HEIGHT.

GENERAL NOTES:

1. CONTRACTOR SHALL NOTIFY "MISS UTILITY" (811) 48 HOURS PRIOR TO DOING ANY EXCAVATION IN THIS AREA. CONTRACTOR SHALL CONTACT A SUBSURFACE UTILITY LOCATOR FOR LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL VERIFY EXISTING UTILITY LOCATIONS BY TEST PIT AS NECESSARY. LOCATION OF UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND FOR PLANNING PURPOSES ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. DAMAGE TO UTILITIES OR PROPERTY OF OTHERS BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED TO PRECONSTRUCTION CONDITIONS BY THE CONTRACTOR.
2. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND ORDINANCES, THE LATEST EDITION THEREOF.
3. ANY PERMITS WHICH MUST BE OBTAINED SHALL BE THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS FOR THIS PROJECT FROM ALL APPLICABLE GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
4. CONTRACTOR SHALL COORDINATE ALL UTILITY CONNECTIONS WITH APPROPRIATE UTILITY OWNERS.
5. THESE PLANS ARE NOT FOR RECORDATION OR CONVEYANCE.
6. EXISTING PAVEMENT AND OTHER SURFACES DISTURBED BY CONTRACTOR (WHICH ARE NOT TO BE REMOVED) SHALL BE REPAIRED TO PRECONSTRUCTION CONDITIONS BY THE CONTRACTOR.

SUBDIVISION NAME: N/A	SECTION AREA: N/A	LOT/ PARCEL#: 94	ADDRESS CHART
PLAT: 4782167	ZONE: RC-DEO	ELECT. DISTRICT: 09	LOT/ PARCEL#: 94
WATER CODE: N/A	SEWER CODE: N/A	TRAFFIC CONTROL: 3	STREET ADDRESS: 720 SYKESVILLE ROAD

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division: *[Signature]* 7/26/13 DATE

Chief, Division of Land Development: *[Signature]* 7/31/13 DATE

Director, Department of Planning and Zoning: *[Signature]* 7/31/13 DATE

MRA
MORRIS & RITCHE ASSOCIATES, INC.
 Civil/Structural Engineers
 1220-C East Joppa Road, Suite 505
 Towson, Maryland 21286
 410-821-1690
 410-821-1748 Fax

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 28502, EXPIRATION DATE: 07/07/2014.

verizon wireless
 SOUTH SYKESVILLE
 780 ROUTE 32 (Sykesville Road) - Warfield Property
 SYKESVILLE, MARYLAND 21784 (HOWARD COUNTY)

REVISIONS:

NO.	DESCRIPTION	DATE
SDP SUBMISSION		04/09/13
PERMIT DRAWINGS		07/03/13

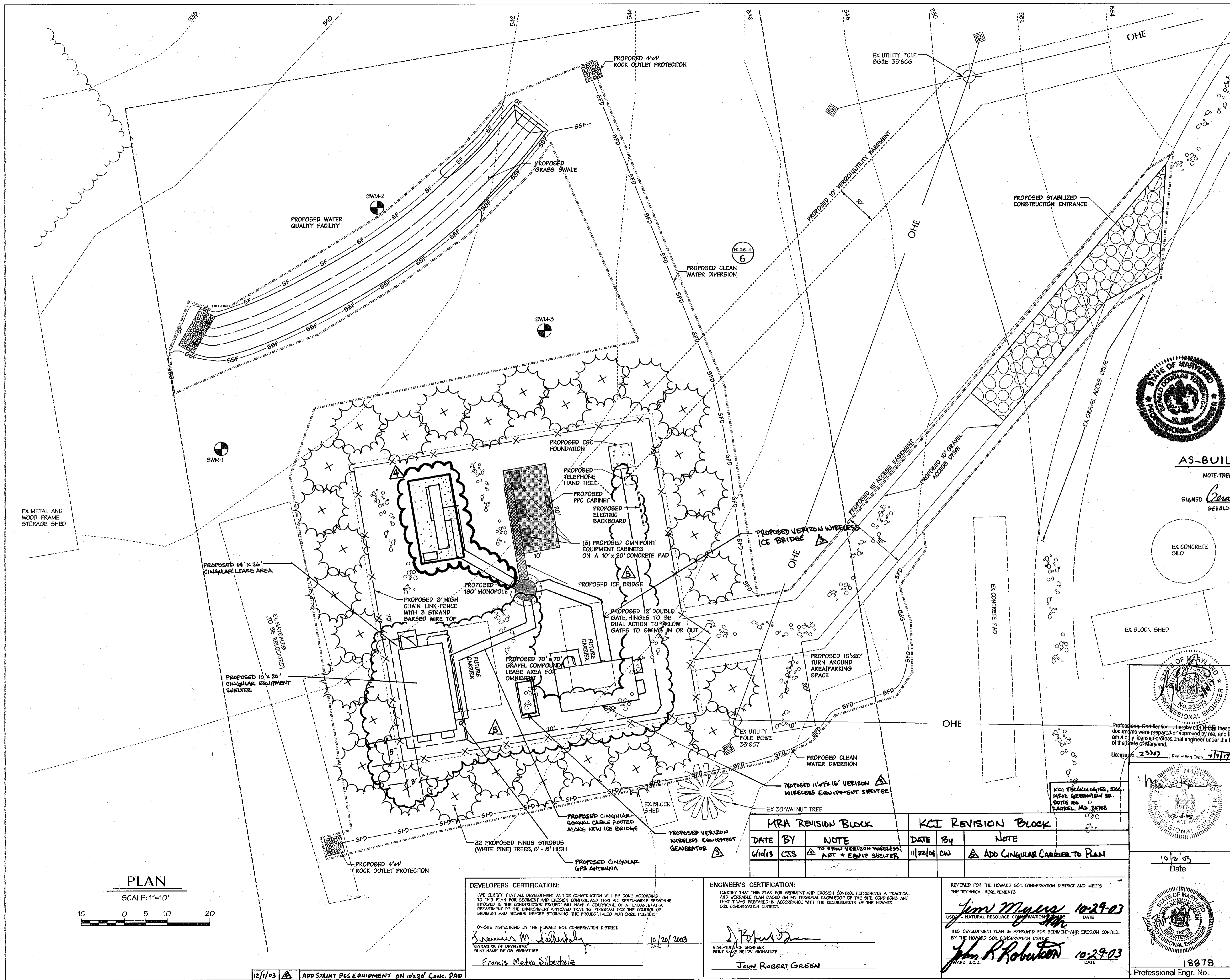
DESIGNED BY: CJ5
 PROJECT NO: 10421.1124
 DATE: 02/12/2013
 SCALE: AS NOTED
 TITLE:

Site Details

SHEET: **03A of 9**

811
 Know what's below.
 Call before you dig.
 PROTECT YOURSELF. GIVE 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 THERE TO APPURTENANT.

ENLARGED COMPOUND LAYOUT
 SCALE: 1" = 10'



LEGEND

---	PROPERTY LINE
---	SETBACK LINE
---	EXISTING CONTOURS
---	PROPOSED CONTOURS
+100.4	PROPOSED SPOT ELEVATION
---	EDGE OF BIT ASPHALT PAVEMENT
---	EDGE OF GRAVEL DRIVEWAY
---	EXISTING FENCE LINE
---	PROPOSED FENCE LINE
---	EXISTING TREE LINE
---	UTILITY/POWER POLE
OHE	EX OVERHEAD POWER LINE
---	LIMIT OF DISTURBANCE
---	SUPER SILT FENCE
---	SILT FENCE
---	SUPER FENCE DIVERSION



AS-BUILT CERTIFICATION FOR PSWM

NOTE: THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET

SIGNED: *Gerald D. Turbaugh* 10-1-12 P.E. # 26569
 GERALD D. TURBAUGH
 Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
 License No. 26569, Expiration Date: 7-18-13

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

<i>[Signature]</i>	11/4/03	DATE
CHIEF, DEVELOPMENT ENGINEERING DIVISION		
<i>[Signature]</i>	11/9/03	DATE
CHIEF DIVISION OF LAND DEVELOPMENT		
<i>[Signature]</i>	11/10/03	DATE
DIRECTOR		

10/02/03	3	SUBMITTED FOR HOWARD COUNTY APPROVAL AND SIGNATURE
06/05/03	2	REVISED PER COMMENTS RECEIVED BY DPZ AND DED
03/17/03	1	REVISED PER COMMENTS RECEIVED BY DPZ, DED, AND ALPP

Date No. Revision Description

OMNIPOINT[®]
 COMMUNICATIONS CAP OPERATIONS, LLC.
 SITE NO. BAN 224C
 UNMANNED WIRELESS COMMUNICATION SITE
WARFIELD PROPERTY
 720 SYKESVILLE ROAD (MD ROUTE 32)
 SYKESVILLE, MD 21784

OWNER	DEVELOPER
SAMUEL L. WARFIELD, TRUSTEE	OMNIPOINT COMMUNICATIONS CAP OPERATIONS, LLC.
310 DAY ROAD	12050 BALTIMORE AVENUE
SYKESVILLE, MD 21784	BELTSVILLE, MARYLAND 20705

DMW
 A Team of Land Planners, Landscape Architects, Golf Course Architects, Engineers, Surveyors & Environmental Professionals

SUBMISSION NAME	SECTION AREA	LOT/ PARCEL #
N/A	N/A	04
PLAT # OR LOT #	TAXPAYER MAP	CENSUS TRACT
4782162	09	3
WATER CODE	SEWER CODE	
TITLE		
SEDIMENT & EROSION CONTROL PLAN		
Des By	DWR	Scale 1"=10'
Dim By	KO	Date 01/03/03
Chk By	MDM	Approved
Professional Engr. No. 19878		4 of 10

MRA REVISION BLOCK			KCI REVISION BLOCK		
DATE	BY	NOTE	DATE	BY	NOTE
6/10/03	CSS	TO SHOW WIRELESS ANTENNA SHELTER	11/22/04	CW	ADD CINGULAR CARRIER TO PLAN

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

Signature of Developer: *Francis Metro Silbertsch*
 DATE: 10/20/2003

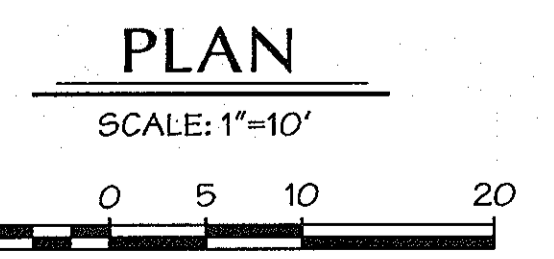
ENGINEER'S CERTIFICATION:
 I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Signature of Engineer: *John Robert Green*
 DATE: 10/29/03

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS THE TECHNICAL REQUIREMENTS

Signature: *Jim Myers* 10-29-03
 DATE: 10-29-03

Signature: *John R. Robertson* 10-29-03
 DATE: 10-29-03



12/1/03 ADD SPRINT PCS EQUIPMENT ON 10'x20' CONC. PAD

STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION

SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS

A. SITE PREPARATION

- I. Install erosion and sediment control structures...
II. Perform all grading operations at right angles to the slope...
III. Schedule required soil test to determine soil amendment composition and application rates for sites having disturbed area over 5 acres.

B. SOIL AMENDMENTS (FERTILIZER AND LIME SPECIFICATIONS)

- I. Soil test must be performed to determine the exact ratios and application rates for both lime and fertilizer on sites having disturbed areas over 5 acres...
II. Fertilizers shall be uniform in composition, free flowing and suitable for accurate application by approved equipment...
III. Lime materials shall be ground limestone (hydrated or burnt lime may be substituted) which contains at least 50% total oxides...

C. SEEDBED PREPARATION

I. TEMPORARY SEEDING

- A. Seedbed preparation shall consist of loosening soil to a depth of 3 inches to 5 inches by means of suitable agricultural or construction equipment...
B. Apply fertilizer and lime as prescribed on the plans.
C. Incorporate lime and fertilizer into the top 3 - 5 inches of soil by disking or other suitable means.

II. PERMANENT SEEDING

- A. Minimum soil conditions required for permanent vegetative establishment:
1. Soil pH shall be between 6.0 and 7.0.
2. Soluble salts shall be less than 600 parts per million (PPM).
3. The soil shall contain less than 40% clay but enough the graded material must contain sufficient pore space to permit adequate root penetration...
B. Areas previously graded in conformance with the drawings shall be maintained in a true and even grade, then scarified or otherwise loosened to a depth of 3 - 5 inches...

D. SEED SPECIFICATIONS

- I. All seed must meet the requirements of the Maryland State Seed Law. All seed shall be subject to re-testing by a recognized seed laboratory. All seed used shall have been tested within the 6 months immediately preceding the date of sowing such material on this job.
Note: Seed tags shall be made available to the inspector to verify type and rate of seed used.

- II. Inoculant - The inoculant for treating legume seed in the seed mixtures shall be a pure culture of nitrogen-fixing bacteria prepared specifically for the species. Inoculants shall not be used later than the date indicated on the container. Add fresh inoculant as directed on package. Use four times the recommended rate when hydroseeding. Note: It is very important to keep inoculant as cool as possible until use. Temperatures above 75-80 F. can weaken bacteria and make the inoculant less effective.

E. METHODS OF SEEDING

- I. Hydroseeding: Apply seed uniformly with hydroseeder (slurry includes seed and fertilizer), broadcast or drop seeder, or cultipacker seeder.
A. If fertilizer is being applied at the time of seeding, the application rates amounts will not exceed the following: Nitrogen; maximum of 100 pounds per acre total of soluble Nitrogen; P205 (phosphorous): 200 pounds per acre; K20 (potassium): 200 pounds per acre.
B. Lime: Use only ground agricultural limestone, (up to 3 tons per acre may be applied by hydroseeding). Normally, not more than 2 tons are applied by hydroseeding at any one time. Do not use burnt or hydrated lime when hydroseeding.
C. Seed and fertilizer shall be mixed on site and seeding shall be done immediately and without interruption.
II. Dry Seeding: This includes use of conventional drop or broadcast spreaders.
A. Seed spread dry shall be incorporated into the subsoil at the rates prescribed on the temporary or permanent seeding summaries or tables 25 or 26. The seeded area shall then be rolled with a weighted roller to provide good seed soil contact.
B. Where practical, seed should be applied in two directions perpendicular to each other. Apply half the seeding rate in each direction.

III. Drill or cultipacker seeding: Mechanized seeders that apply and cover seed with soil.

- A. Cultipacking seeders are required to bury the seed in such a fashion as to provide at least 1/4" inch of soil covering. Seedbed must be firm after planting.
B. Where practical, seed should be applied in two directions perpendicular to each other. Apply half the seeding rate in each direction.

F. MULCH SPECIFICATIONS (IN ORDER OF PREFERENCE)

- I. Straw shall consist of thoroughly threshed wheat, rye or oat straw, reasonably bright in color, and shall not be moist, moldy, caked, decayed, or excessively dusty and shall be free of noxious weeds as specified in the Maryland Seed Law.
II. Wood cellulose fiber mulch (WCFM)
A. WCFM shall consist of specially prepared wood cellulose processed into a uniform fibrous physical state.
B. WCFM shall be dyed green or contain a green dye in the package that will provide an appropriate color to facilitate visual inspection of the uniformly spread slurry.
C. WCFM, including dye shall contain no germination or growth inhibiting factors.
D. WCFM materials shall be manufactured and processed in such a manner that the wood cellulose fiber mulch will remain in uniform suspension in water under agitation and will blend with seed, fertilizer and other additives to form a homogeneous slurry. The mulch material shall form a blotter-like ground cover, on application, having moisture absorption and percolation properties and shall cover and hold grass seed in contact with the soil without inhibiting the growth of the grass seedlings.
E. WCFM material shall contain no elements or compounds at concentration levels that will be phytotoxic.
F. WCFM must conform to the following physical requirements: Fiber length to approximately 10 mm, diameter approximately 1mm, pH range of 4.0 to 8.5, ash content of 1.6% maximum and water holding capacity of 90% minimum.
Note: Only sterile straw mulch should be used in areas where one species of grass is desired.

G. MULCHING SEEDING AREAS - Mulch shall be applied to all seeded areas where one species of grass is desired.

- I. If grading is completed outside of the seeding season, mulch alone shall be applied as prescribed in this section and maintained until the seeding season returns and seeding can be performed in accordance with these specifications.
II. When straw mulch is used, it shall be spread over all seeded areas at the rate of 2 tons per acre. Mulch shall be applied in a uniform loose depth of between 1/2" and 2 inches. Mulch applied shall achieve a uniform distribution and depth so that the surface is not exposed. If a mulch anchoring tool is to be used, the rate should be increased to 2.5 tons per acre.
III. Wood cellulose fiber used as a mulch shall be applied at a net dry weight of 1,500 pounds per acre. The wood cellulose fiber shall be mixed with water and the mixture shall contain a maximum of 50 pounds of wood cellulose fiber per 100 gallons of water.

H. SECURING STRAW MULCH - Mulch anchoring shall be performed immediately following mulch application to minimize loss by wind or water. This may be done by one of the following methods (listed by preference), depending upon size of area and erosion hazard:

- I. A mulch anchoring tool is a tractor drawn implement design to punch and anchor mulch into the soil surface a minimum of two (2) inches. This practice is most effective on large areas, but is limited to flatter slopes where equipment can operate safely. If used on sloping land, this practice should be used on the contour if possible.
II. Wood cellulose fiber may be used for anchoring straw. The fiber binder shall be applied at a net dry weight of 750 pounds per acre. The wood cellulose fiber shall be mixed with water and the mixture shall contain a maximum of 50 pounds of wood cellulose fiber per 100 gallons of water.
III. Application of liquid binders should be heavier at the edges where wind catches mulch, such as in valleys or on crest of banks. The remainder of area should appear uniform after binder application. Synthetic binders - such as Acrylic DLR (agromulch), DCA-70, Petroset, Terra Tax II, Terra Tack AR or other approved equal may be used at rates recommended by the manufacturer to anchor mulch.
IV. Lightweight plastic netting may be stapled over the mulch according to manufacturer's recommendations. Netting is usually available in rolls 4' to 15' feet wide and 300 to 3,000 feet long.

SECTION II - TEMPORARY SEEDING

VEGETATION - Annual grass or grain used to provide cover on disturbed areas for up to 12 months. For longer duration of vegetative cover, permanent seeding is required.

Table with columns: No., Species, Application Rate (Lb./Ac.), Seeding Dates, Seeding Depths, Fertilizer Rate (10-10-10), Lime Rate. Rows include Annual Ryegrass and Weeping Lovegrass.

SECTION III - PERMANENT SEEDING

Seeding grass and legumes to establish ground cover for a minimum of one year on disturbed areas generally receiving low maintenance.

Table with columns: % Species, Application Rate (Lb./Ac.), Seeding Dates, Seeding Depths, N, P205, K20, Lime Rate. Rows include Rebel II Tall Fescue, Penfennie Perennial Ryegrass, and Kenlube Kentucky Bluegrass.

* For 5-16 through 8-14 add two (2) pounds of Weeping Lovegrass per acre or ten (10) pounds of Millet per acre to seed mixture (Lb. Mix #5 shown).

SECTION IV - SOD

To provide quick cover on disturbed areas (2:1 grade or flatter)

A. GENERAL SPECIFICATIONS

- I. Class of turfgrass sod shall be Maryland or Virginia State certified or approved. Sod labels shall be made available to the job foreman and inspector.
II. Sod shall be machine cut at a uniform soil thickness of 3/4", plus or minus 1/8", at the time of cutting. Measurement for thickness shall exclude top growth and thatch. Individual pieces of sod shall be cut to the suppliers width length. Maximum allowable deviation from standard widths and lengths shall be 5 percent. Broken pads and torn or uneven ends will not be acceptable.
III. Standard size sections of sod shall be strong enough to support their own weight and retain their size and shape when suspended vertically with a firm grasp on the upper 10 percent of the section.
IV. Sod shall not be harvested or transplanted when moisture content (excessively dry or wet) may adversely affect its survival.
V. Sod shall be harvested, delivered, and installed within a period of 36 hours. Sod not transplanted within this period shall be approved by an agronomist or soil scientist prior to its installation.
B. SOD INSTALLATION
I. During periods of excessively high temperature or in areas having dry subsoil, the subsoil shall be lightly irrigated immediately prior to laying the sod.
II. The first row of sod shall be laid in a straight line with subsequent rows placed parallel to and tightly wedged against each other. Lateral joints shall be staggered to promote uniform growth and strength. Ensure that sod is not stretched or overlapped and that all joints are butted tight in order to prevent voids which air drying of the roots.
III. Wherever possible, sod shall be laid with the long edges parallel to the contour and with staggering joints. Sod shall be rolled and tamped, pegged or otherwise secured to prevent slippage on slopes and to ensure solid contact between sod roots and the underlying soil surface.
IV. Sod shall be watered immediately following rolling or tamping until the underside of the new sod pad and soil surface below the sod are thoroughly wet. The operations laying, tamping and irrigating for any piece of sod shall be completed within eight hours.
C. SOD MAINTENANCE
I. In the absence of adequate rainfall, watering shall be performed daily or as often as necessary during the first week and in sufficient quantities to maintain moist soil to a depth of 4 inches. Watering should be done during the heat of the day to prevent wilting.
II. After the first week, sod watering is required as necessary to maintain adequate moisture content.
III. The first mowing of sod should not be attempted until the sod is firmly rooted. No more than 1/3 of the grass leaf shall be removed by the initial cutting or subsequent cuttings. Grass height shall be maintained between 2 inches and 3 inches unless otherwise specified.

SECTION V - TURFGRASS ESTABLISHMENT

Areas where turfgrass may be desired may include lawns, parks, playgrounds, and commercial sites which will receive a medium high level of maintenance. Areas to receive seed shall be killed by diking or other approved methods to a depth of 2 to 4 inches, leveled and raked to prepare a proper seedbed. Stones and debris over 1/2 inches in diameter shall be removed. The resulting seedbed shall be in such condition that future mowing of grasses will pose no difficulty.
Note: Choose certified material. Certified material is the best guarantee of cultivar purity. The certification program of the Maryland Department of Agriculture, Turf and Seed Section, provides a reliable means of consumer protection and assures a pure genetic line.

A. TURFGRASS MIXTURES

- I. Kentucky Bluegrass - Full sun mixture - For use in areas that receive intensive management. Irrigation required in the areas of central Maryland and Eastern Shore. Recommended certified Kentucky Bluegrass cultivars seeding rate: 1.5 to 2.0 pounds per 1000 square feet. A minimum of three Bluegrass cultivars should be chosen ranging from a minimum of 10% to a maximum of 35% of the mixture by weight.
II. Kentucky Bluegrass/Perennial Ryegrass - Full sun mixture - For use in full sun areas where rapid establishment is necessary and when turf will receive medium to intensive management. Certified Perennial Ryegrass cultivars/certified Kentucky Bluegrass seeding rate: 2 pounds mixture per 1000 square feet. A minimum of 3 Kentucky Bluegrass cultivars must be chosen, with each cultivar ranging from a minimum of 10% to a maximum of 35% of the mixture by weight.
III. Tall Fescue/Kentucky Bluegrass - Full sun mixture - For use in drought prone areas and/or for areas receiving low to medium management in full sun to medium shade. Recommended mixture includes: certified Tall Fescue cultivars 95-100%, certified Kentucky Bluegrass cultivars 0 - 5%, seeding rate: 5 to 8 pounds per 1000 square feet. One or more cultivars may be blended.
IV. Kentucky Bluegrass/Fine Fescue - Shade mixture - For use in areas with shade in Bluegrass lawns or in high quality, intensively managed turf areas. Mixture includes: certified Kentucky Bluegrass cultivars 30-40% and certified Fine Fescue and 60-70%. Seeding rate: 1 1/2 - 3 pounds per 1000 square feet. A minimum of 3 Kentucky Bluegrass cultivars must be chosen. With each cultivar ranging from a minimum of 10% to a maximum of 35% of the mixture by weight.

Note: Turfgrass varieties should be selected from those listed in the most current University of Maryland publication, agronomy mimeo number 77, "Turfgrass Cultivar Recommendations for Maryland".

B. IDEAL TIMES OF SEEDING

Western Maryland: March 15 - June 1, August 1 - October 1 (hardiness zones - 5B, 6A). Central Maryland: March 1 - May 15, August 15 - October 15 (hardiness zone - 6B). Southern Maryland, Eastern Shore: March 1 - May 15, August 15 - October 15 (hardiness zones - 7A, 7B).

C. IRRIGATION

If soil moisture is deficient, supply new seedlings with adequate water for plant growth (1/2" - 1" every 3 to 4 days depending on soil texture) until they are firmly established. This is especially true when seedlings are made late in the planting season, in abnormally dry or hot seasons, or on adverse sites.

D. REPAIRS AND MAINTENANCE

- I. Inspect all seeded areas for failures and make necessary repairs, replacements, and reseedings within the planting season.
1. Once the vegetation is established, the site shall have 95% groundcover to be considered adequately stabilized.
II. If the stand provides less than 40% ground coverage, re-establish following original lime, fertilizer, seedbed preparation and seeding recommendations.
III. If the stand provides between 40% and 94% ground coverage, overseeding and fertilizing using half of the rates originally applied may be necessary.
IV. Maintenance fertilizer rates for permanent seedings are shown in Table 24, for lawns and other medium high maintenance turfgrass areas, refer to the University of Maryland publication "Lawn Care in Maryland" bulletin number 171.

TABLE 28 STONE SIZE

Table with columns: Number, Size Range, D50, D100, AASHTO, Weight. Rows include Number 57, Rip-Rap, Class I, Class II, and Class III.

* This classification is to be used on the inside face of stone outlets and check dams.
** This classification is to be used when ever small rip-rap is required. The State Highway Administration designation for this stone is stone for gabions (90S.01.04).

STONE FOR GABION BASKETS

Table with columns: Basket Thickness (Inches, MM), Size of Individual Stones (Inches, MM). Rows include thicknesses 6, 9, 12, 18, and 36 inches.

Note: Recycled concrete equivalent may be substituted for all stone classifications. Recycled concrete equivalent shall be concrete broken into the sizes meeting the appropriate classification, shall contain no steel reinforcement, and shall have a density of 150 pounds per cubic foot.

TABLE 27 GEOTEXTILE FABRICS

Table with columns: Class, Apparent Opening Size MM, Max., Grab Tensile Strength Lb, Min., Burst Strength PSL, Min. Rows include classes A through F.

* US Standard sieve CW-02215 ** 50 MM max. for super silt fence

The properties shall be determined in accordance with the following procedures:

- Apparent opening size memt 323
- Grab tensile strength ASTM D1682: 4 x 8" specimen, 1 x 2" clamps, 12" min. strain rate in both principal directions of geotextile fabric.
- Burst strength: ASTM D 3786.

The fabric shall be inert to commonly encountered chemicals and hydrocarbons, and will be rot and mildew resistant. It shall be manufactured from fibers consisting of long chain synthetic polymers, and composed of a minimum of 85% by weight of polyolefins, polyesters, or polyamides. The geotextile fabric shall resist deterioration from ultraviolet exposure. In addition, classes A through E shall have a 0.01 cm./sec. minimum permeability when tested in accordance with memt 507, and an apparent minimum elongation of 20 percent (20%) when tested with the grab tensile strength requirements listed above.

Silt fence
Class F geotextile fabric for silt fence shall have a 50 lb./in. minimum tensile strength and a 20 lb./in. minimum tensile modulus when tested in accordance with memt 509. The material shall also have a 0.3 gal./ft./min. flow rate and seventy-five percent (75%) minimum filtering efficiency when tested in accordance with memt 323. Geotextile fabrics used in the construction of silt fence shall resist deterioration from ultraviolet exposure. The fabric shall contain sufficient amount of ultraviolet ray inhibitors and stabilizers to provide a minimum of 12 months of expected usable construction life at a temperature range of 0 to 120 degrees Fahrenheit.

H - 24 - 1

MATERIALS SPECIFICATIONS

Approval stamp: APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING. Includes names and dates of Development Engineering Division and Division of Land Development.

OMNIPOINT COMMUNICATIONS CAP OPERATIONS, LLC

WARFIELD PROPERTY
720 SYKESVILLE ROAD (MD ROUTE 32)
SYKESVILLE, MD 21784

OWNER: SAMUEL L. WARFIELD, TRUSTEE
DEVELOPER: OMNIPOINT COMMUNICATIONS CAP OPERATIONS, LLC.

DMW Daft McCune Walker, Inc. A Team of Land Planners, Landscape Architects, Golf Course Architects, Engineers, Surveyors & Environmental Professionals.

Table with columns: SUBVISION NAME, SECTION AREA, LOT/FACILITY #, DATE OR OF BLOCK #, ZONE, RC-DEP, SELECT DISTRICT, WATER CODE, SEWER CODE. Includes title 'SEDIMENT & EROSION CONTROL SPECIFICATIONS' and revision information.

DEVELOPERS CERTIFICATION:

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL. I HAVE REVIEWED THE TECHNICAL REQUIREMENTS AND I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

ENGINEER'S CERTIFICATION:

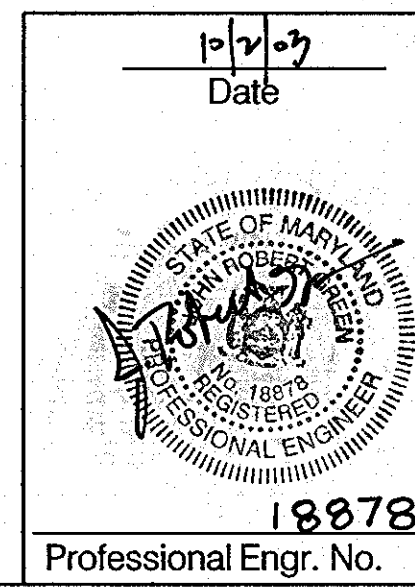
I HEREBY CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

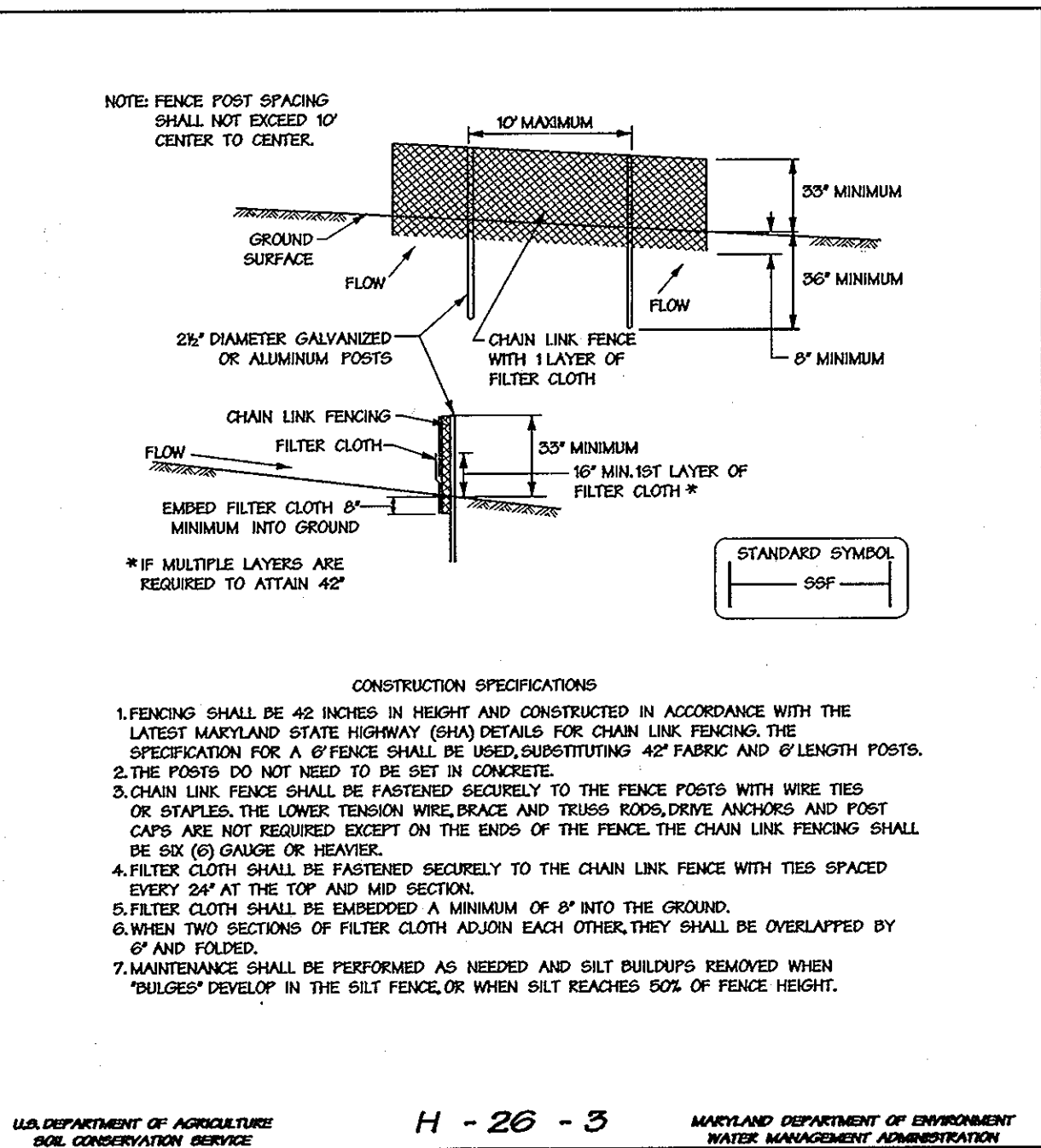
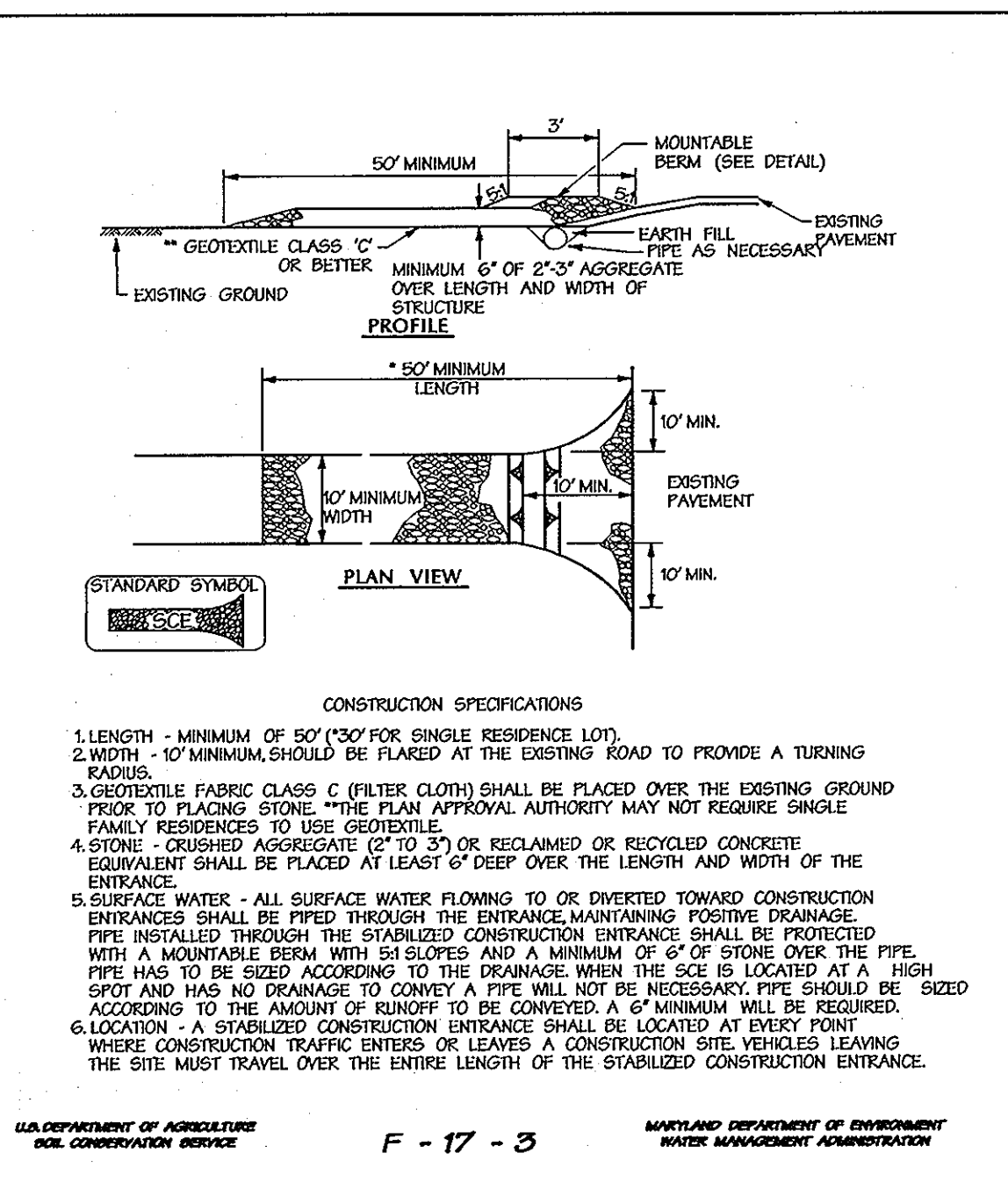
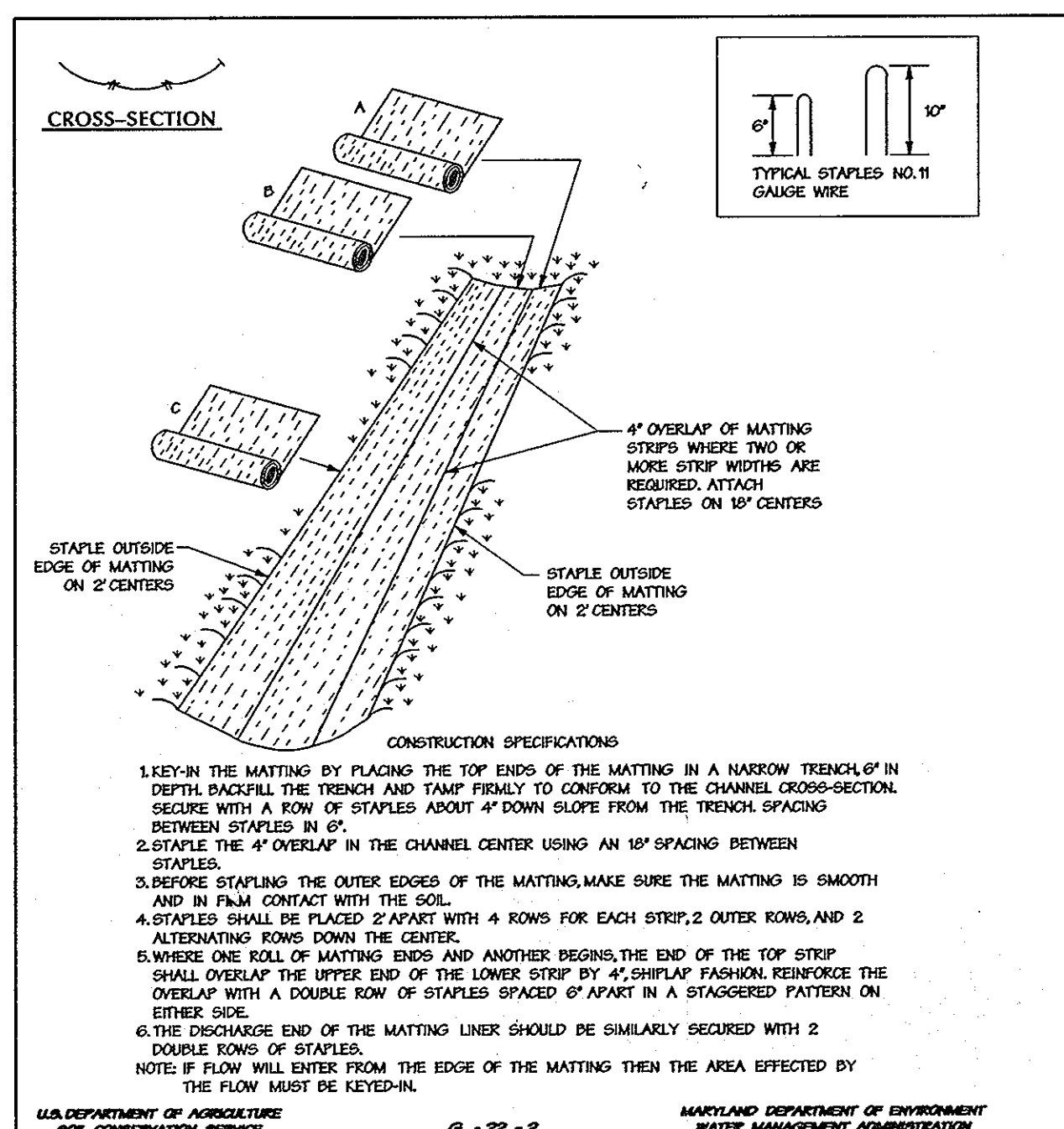
REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS THE TECHNICAL REQUIREMENTS.

Professional Certifications and signatures for Jim Meyer and John R. Robertson, dated 10-29-03.

AS-BUILT CERTIFICATION FOR PSWM

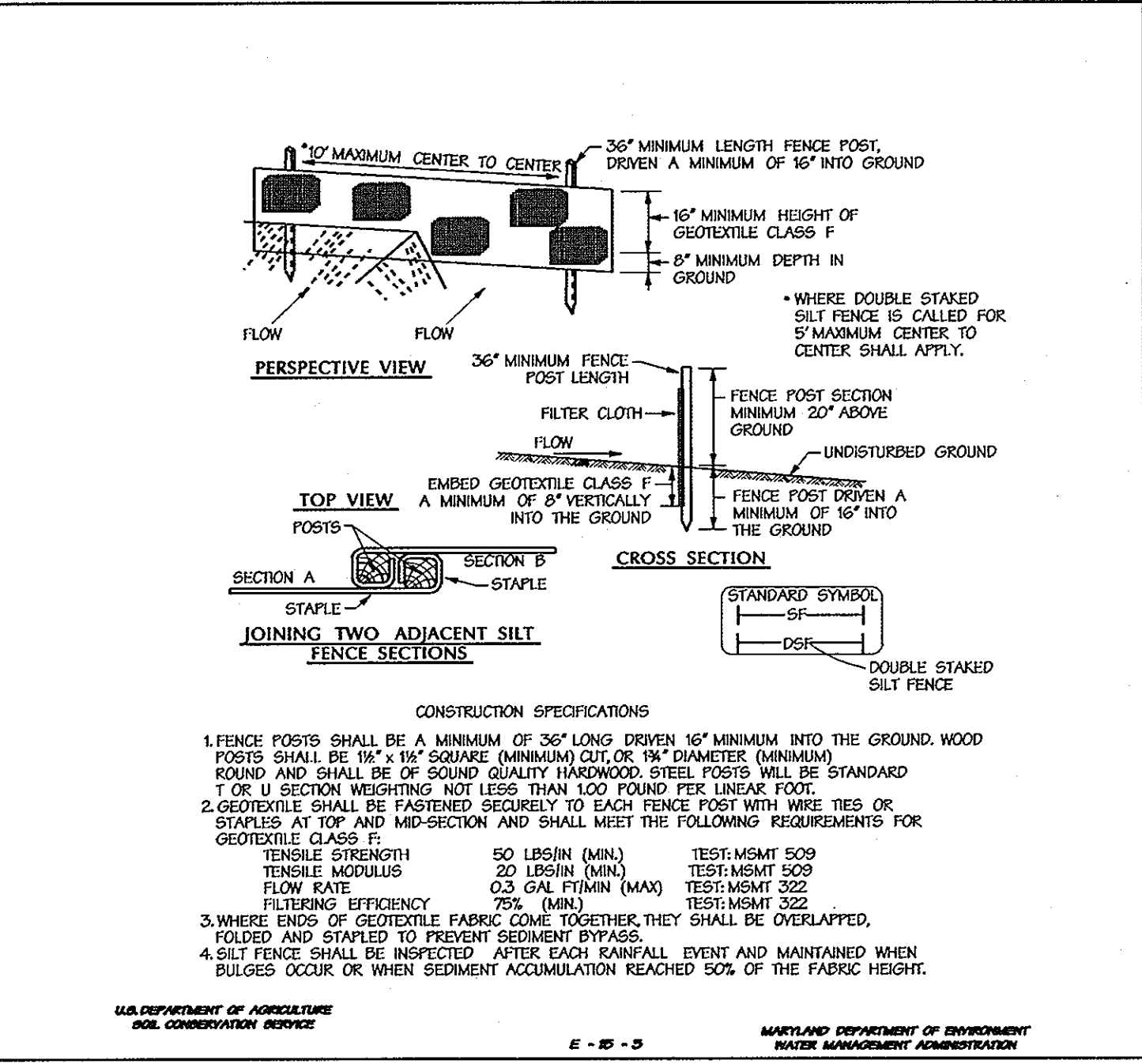
Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland. License No. 26569, Expiration Date: 7-18-13.





DESIGN CRITERIA

SLOPE	SLOPE STEEPNESS	SLOPE LENGTH (MAXIMUM)	SILT FENCE LENGTH (MAXIMUM)
0 - 10%	0 - 10%	UNLIMITED	UNLIMITED
10 - 20%	10 - 15%	200 FEET	1500 FEET
20 - 35%	15 - 20%	100 FEET	1000 FEET
35 - 50%	21 - 21%	100 FEET	500 FEET
50% +	21 +	50 FEET	250 FEET



U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
E - 22 - 2

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
F - 17 - 3

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
H - 26 - 3

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
H - 26 - 2A

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
E - 10 - 3

Erosion Control Matting Not To Scale

DUST CONTROL SPECIFICATIONS

TEMPORARY METHODS:

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

PERMANENT METHODS:

- PERMANENT VEGETATION - SEE STANDARDS FOR PERMANENT VEGETATIVE COVER AND PERMANENT STABILIZATION WITH SOIL. PLANTING TREES OR LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.
- TOPSOILING - COVERING WITH LESS EROSION SOIL MATERIALS. SEE STANDARDS FOR TOPSOILING.
- STONE - COVER SURFACE WITH CRUSHED STONE OR COURSE GRAVEL AFTER RECEIVING PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR.

Stabilized Construction Entrance Not To Scale

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION AND PERMITS. SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (22-1009).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND PERMITS FROM THE HOWARD COUNTY DEPARTMENT OF INSPECTION AND PERMITS.
- FOLLOWING WITHIN SOIL DISTURBANCE OR RE-DEVELOPMENT PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
 - SIX MONTHS FROM THE DATE OF PERMANENT SEDIMENT CONTROL STRUCTURES, DRAIN, PERMETER SLOPES AND ALL SLOPES STEEPER THAN 3A.
 - FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TREATMENT STRUCTURES MUST BE FINISHED AND MARKING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, SEDIMENT CONTROL.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEDIMENT CONTROL (22-1009) (22-1010), TEMPORARY SEDIMENT CONTROL (22-1011), AND MULCHING (22-1012). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WITH RECOMMENDED SEDIMENT DATES DO NOT ALLOW FOR PROPER ORGANIZATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
7. SITE ANALYSES:

TOTAL AREA OF SITE	± 5.2 ACRES
AREA DISTURBED	± 5.2 ACRES
AREA TO BE REVEGETATED OR PLANTED	± 5.2 ACRES
AREA TO BE VEGETATIVELY STABILIZED	± 10 ACRES
TOTAL CUT	± 5,000 CUBIC YARDS
TOTAL FILL	± 5,000 CUBIC YARDS
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROL MEASURES, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUIRED UPON COMPLETION OF INSTALLATION OF PERMETER EROSION AND SEDIMENT CONTROL, BUT BEFORE PROCEEDING WITH ANY OTHER EROSION CONTROL OR GRADING, OTHER ROADING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS SERIAL APPROVAL IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

Super Silt Fence Not To Scale

CONSTRUCTION SPECIFICATIONS

- THE SUBGRADE FOR THE FILTER, RIP-RAP, OR GABION SHALL BE PREPARED TO THE REQUIRED LINES AND GRADES. ANY FILL REQUIRED IN THE SUBGRADE SHALL BE COMPACTED TO A DENSITY OF APPROXIMATELY THAT OF THE SURROUNDING UNDISTURBED MATERIAL.
- THE ROCK OR GRAVEL SHALL CONFORM TO THE SPECIFIED GRADING LIMITS WHEN INSTALLED RESPECTIVELY IN THE RIP-RAP OR FILTER.
- GEOTEXTILE CLASS C SHALL BE PROTECTED FROM PUNCHING, CUTTING, OR TEARS. ANY DAMAGE OTHER THAN AN OCCASIONAL SMALL HOLE SHALL BE REPAIRED BY PLACING ANOTHER PIECE OF GEOTEXTILE OVER THE DAMAGED PART OR BY COMPLETELY REPLACING THE GEOTEXTILE. ALL OVERLAPS WHETHER FOR REPAIRS OR FOR JOINING TWO PIECES OF GEOTEXTILE SHALL BE A MINIMUM OF ONE FOOT.
- STONE FOR THE RIP-RAP OR GABION OUTLETS MAY BE PLACED BY EQUIPMENT. THEY SHALL BE CONSTRUCTED TO THE FULL COURSE THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO AVOID DISPLACEMENT OF UNDERLYING MATERIALS. THE STONE FOR RIP-RAP OR GABION OUTLETS SHALL BE DELIVERED AND PLACED IN A MANNER THAT WILL ENSURE THAT IT IS REASONABLY HOMOGENEOUS WITH THE SMALLER STONES AND SPALLS FILLING THE Voids BETWEEN THE LARGER STONES. RIP-RAP SHALL BE PLACED IN A MANNER TO PREVENT DAMAGE TO THE FILTER BLANKET OR GEOTEXTILE. HAND PLACEMENT WILL BE REQUIRED TO THE EXTENT NECESSARY TO PREVENT DAMAGE TO THE PERMANENT WORKS.
- THE STONE SHALL BE PLACED SO THAT IT BLENDS IN WITH THE EXISTING GROUND. IF THE STONE IS PLACED TOO HIGH THEN THE FLOW WILL BE FORCED OUT OF THE CHANNEL AND SCOUR ADJACENT TO THE STONE WILL OCCUR.

Super Silt Fence Not To Scale

SILT FENCE DESIGN CRITERIA

SLOPE STEEPNESS	(MAXIMUM) SLOPE LENGTH	(MAXIMUM) SILT FENCE LENGTH
FLATTER THAN 50% (25)	UNLIMITED	UNLIMITED
50% TO 10% (20-45)	125 FEET	1000 FEET
10% TO 15% (10-20%)	100 FEET	750 FEET
15% TO 20% (20-35%)	60 FEET	500 FEET
20% TO 25% (20-30%)	40 FEET	250 FEET
25% AND STEEPER (> 50%)	20 FEET	125 FEET

NOTE: IN AREAS OF LESS THAN 2% SLOPE AND SANDY SOILS (USDA GENERAL CLASSIFICATION SYSTEM, SOIL CLASS A) MAXIMUM SLOPE LENGTH AND SILT FENCE LENGTH WILL BE UNLIMITED. IN THESE AREAS A SILT FENCE MAY BE THE ONLY PERMETER CONTROL REQUIRED.

Silt Fence Not To Scale

CONSTRUCTION SPECIFICATIONS

- FENCE POSTS SHALL BE A MINIMUM OF 36" LONG DRIVEN 15" MINIMUM INTO THE GROUND. WOOD POSTS SHALL BE 1 1/2" X 1 1/2" SQUARE (MINIMUM) CUT, OR 1 1/2" DIAMETER (MINIMUM) ROUND AND SHALL BE OF SOUND QUALITY HARDWOOD. STEEL POSTS WILL BE STANDARD 1" OR 1 1/2" SECTION WEIGHING NOT LESS THAN 100 POUND PER LINEAR FOOT.
- GEOTEXTILE SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION AND SHALL MEET THE FOLLOWING REQUIREMENTS FOR GEOTEXTILE CLASS F: TENSILE STRENGTH 50 LBIN (MIN) TEST METHOD S09, TENSILE MODULUS 20 LBIN (MIN) TEST METHOD S09, FLOW RATE 0.3 GAL FTMIN (MAX) TEST METHOD S22, FILTERING EFFICIENCY 95% (MIN) TEST METHOD S22.
- WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS.
- SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND MAINTAINED WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHED 50% OF THE FABRIC HEIGHT.

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
H - 20 - 1

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
F-18-10 (HEAD)

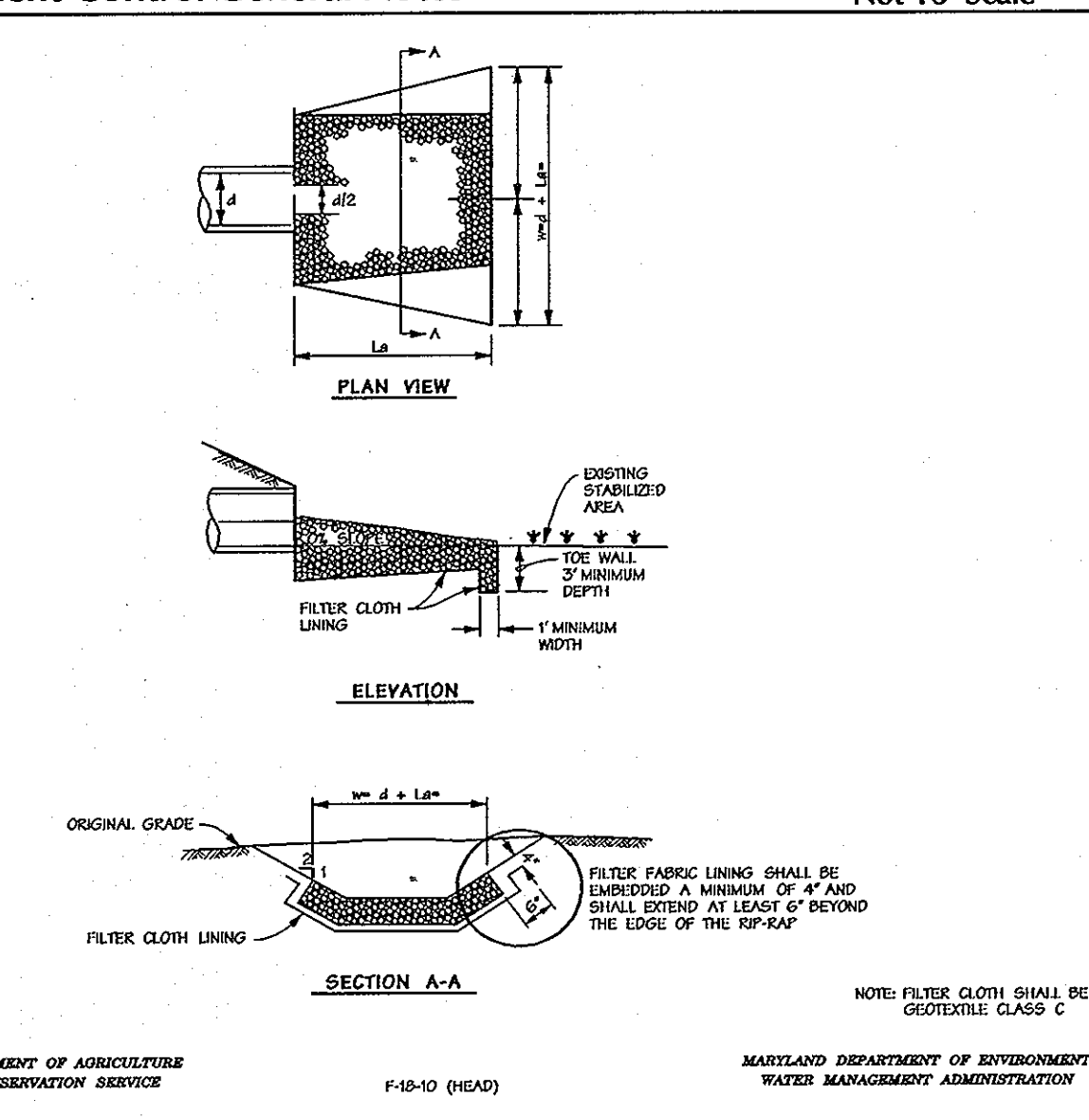
U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
F-18-9A, 9A, 10A

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
E - 15 - 2A

Dust Control Specifications Not To Scale

SEQUENCE OF CONSTRUCTION

SEQUENCE	NUMBER OF DAYS
1. OBTAIN A GRADING PERMIT.	7
2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES.	2
3. ROUGH GRADE SITE.	4
4. CONSTRUCT CELL TOWER AND BUILDING.	30
5. CONSTRUCT WATER QUALITY SWALE AND POCKET SAND FILTER.	7
6. FINE GRADE SITE.	2
7. STABILIZE ALL AREAS IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS.	2



Rock Outlet Protection Specifications Not To Scale

CONSTRUCTION SPECIFICATIONS

- THE SUBGRADE FOR THE FILTER, RIP-RAP, OR GABION SHALL BE PREPARED TO THE REQUIRED LINES AND GRADES. ANY FILL REQUIRED IN THE SUBGRADE SHALL BE COMPACTED TO A DENSITY OF APPROXIMATELY THAT OF THE SURROUNDING UNDISTURBED MATERIAL.
- THE ROCK OR GRAVEL SHALL CONFORM TO THE SPECIFIED GRADING LIMITS WHEN INSTALLED RESPECTIVELY IN THE RIP-RAP OR FILTER.
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- THE STONE SHALL BE PLACED SO THAT IT BLENDS IN WITH THE EXISTING GROUND. IF THE STONE IS PLACED TOO HIGH THEN THE FLOW WILL BE FORCED OUT OF THE CHANNEL AND SCOUR ADJACENT TO THE STONE WILL OCCUR.

Sequence of Construction

DEVELOPERS CERTIFICATION:

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERMITS.

ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

Francis M. Silberholz
SIGNATURE OF DEVELOPER
Francis Metro Silberholz

10/30/2003
DATE

Rock Outlet Protection III Not To Scale

ENGINEER'S CERTIFICATION:

I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

John Robert Green
SIGNATURE OF ENGINEER
JOHN ROBERT GREEN

10/29/03
DATE

Super Fence Diversion Not To Scale

REVIEWED FOR THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS THE TECHNICAL REQUIREMENTS

Jim Meyer
SIGNATURE OF REVIEWER
JIM MEYER

10/29/03
DATE

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

John R. Robertson
SIGNATURE OF DISTRICT OFFICIAL
JOHN R. ROBERTSON

10/29/03
DATE

Professional Certification, I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

Gene D. Turner
SIGNATURE OF PROFESSIONAL ENGINEER
GENE D. TURNER

10-1-03
DATE

AS-BUILT CERTIFICATION FOR PSWM

NOTE: THESE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET

66486D
66486D D.TURNER/4/16/04

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

William J. Dammann
CHIEF, DEVELOPMENT ENGINEERING DIVISION
11/14/03
DATE

Robert L. Woychik
CHIEF, DIVISION OF LAND DEVELOPMENT
11/9/03
DATE

Robert L. Woychik
DIRECTOR
11/10/03
DATE

Date	No.	Revision Description
10/02/03	3	SUBMITTED FOR HOWARD COUNTY APPROVAL AND SIGNATURE
06/05/03	2	REVISED PER COMMENTS RECEIVED BY DPZ AND DED
03/17/03	1	REVISED PER COMMENTS RECEIVED BY DPZ, DED, AND ALPP

OMNIPOINT
COMMUNICATIONS CAP OPERATIONS, LLC.

SITE NO. BAN 224C
UNMANNED WIRELESS COMMUNICATION SITE

WARFIELD PROPERTY

720 SYKESVILLE ROAD (MD ROUTE 32)
SYKESVILLE, MD 21784

OWNER: SAMUEL L. WARFIELD, TRUSTEE
910 DAY ROAD
SYKESVILLE, MD 21784

DEVELOPER: OMNIPOINT COMMUNICATIONS CAP OPERATIONS, LLC.
6000 BALTIMORE AVENUE
BELTSVILLE, MARYLAND 20705

DMW
Dart-McCune-Walker, Inc.
200 East Pennsylvania Avenue
Thiessen, Maryland 21786
(410) 296-3333
Fax: 296-4705

A Team of Land Planning, Landscape Architects, Civil Engineers, Surveyors & Environmental Professionals

DATE: 10/2/03

PROFESSIONAL ENGINEER

10/2/03
DATE

18878
Professional Engr. No.

SEDIMENT & EROSION CONTROL DETAILS

Des By	DWR	Scale	AS SHOWN	Proj. No.	010021A
Drn By	KO	Date	01/03/03		6 of 9
Chk By	MDM	Approved			

10/2/03
DATE

18878
Professional Engr. No.

SDR-03-89

LEGEND

- PROPERTY LINE
- SETBACK LINE
- 580
--- 582 EXISTING CONTOURS
- 542
--- 542.5 PROPOSED CONTOURS
- +1004 PROPOSED SPOT ELEVATION
- EDGE OF EX. ASPHALT PAVEMENT
- EDGE OF GRAVEL DRIVEWAY
- x-x-x- EXISTING FENCE LINE
- x-x-x-x- PROPOSED FENCE LINE
- x-x-x-x- EXISTING TREE LINE
- UTILITY/POWER POLE
- OHE EX. OVERHEAD POWER LINE
- LIMIT OF DISTURBANCE
- SSF --- SSF SUPER SILT FENCE
- SF --- SF SILT FENCE

EXISTING CONDITIONS

0.0016 SQ. MI. **A** RCN= 70
1.04 ACRES Tc= 0.17

PROPOSED CONDITIONS

0.0016 SQ. MI. **A** RCN= 74
1.04 ACRES Tc= 0.17

NOTE: LOCATIONS OF Tc PATH MARKERS ARE IDENTICAL EXCEPT FOR C** WHICH IS THE LOCATION FOR C IN EXISTING CONDITIONS. THIS CHANGE HAD LITTLE EFFECT ON Tc TIME.

SWM FACILITY 1 DESIGN FLOW SUMMARY PROPOSED CONDITIONS

Structure Type	GRASS SWALE
Water Quality Type	GRASS SWALE
Water Quality Storage Required (Ac)	0.27
Water Quality Storage Provided (Ac)	1.04
Water Surface Elevation - WQ	NA
Water Surface Elevation - 1-Year	NA
Storage Height Product 1 year	NA
Watershed Area to Facility (Actual D.A.)	0.0016 SQ. MILES
Level of Management Required	NA
Maximum Height of Fill	0.5'
Freeboard Provided, 10-Year	0.43'

WATER QUALITY IS MET BY THE GRASS SWALE. RECHARGE IS MET BY THE GRASS SWALE. CHANNEL PROTECTION IS NOT REQUIRED.

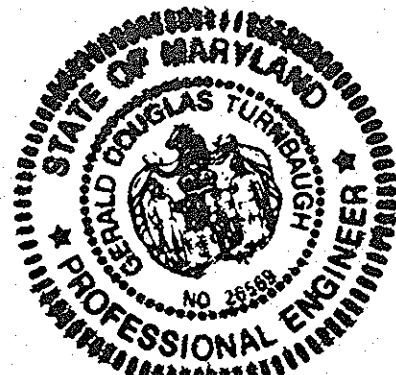
THIS FACILITY IS CLASSIFIED AS HAZARD CLASS 'A' AND IS A NON-MD-378 FACILITY.

THIS FACILITY WILL BE OWNED AND MAINTAINED BY OMNIPPOINT COMMUNICATIONS CAP OPERATIONS, LLC

SEE SHEET 8 FOR OPERATION, MAINTENANCE AND LANDSCAPING REQUIREMENTS.

Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No. 26687, Expiration Date 7-18-13



AS-BUILT CERTIFICATION FOR PSWM

I HEREBY CERTIFY THAT THE FACILITY SHOWN ON THE PLAN WAS CONSTRUCTED AS SHOWN ON THE "AS-BUILT" PLANS AND COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS. I HAVE VERIFIED THAT THE CONTRIBUTING DRAINAGE AREA IS SUFFICIENTLY STABILIZED TO PREVENT EROSION OF THE UNDERGROUND SWM FACILITY.

SIGNED: *Gerald D. Tanager* 10-1-12 P.E.# 26687
GERALD D. TANAGER
AS-BUILT DATE: 9-28-2012

12/1/03 ADD SPRINT PCS EQUIPMENT ON 10'x20' CONC. PAD

DEVELOPERS CERTIFICATION:

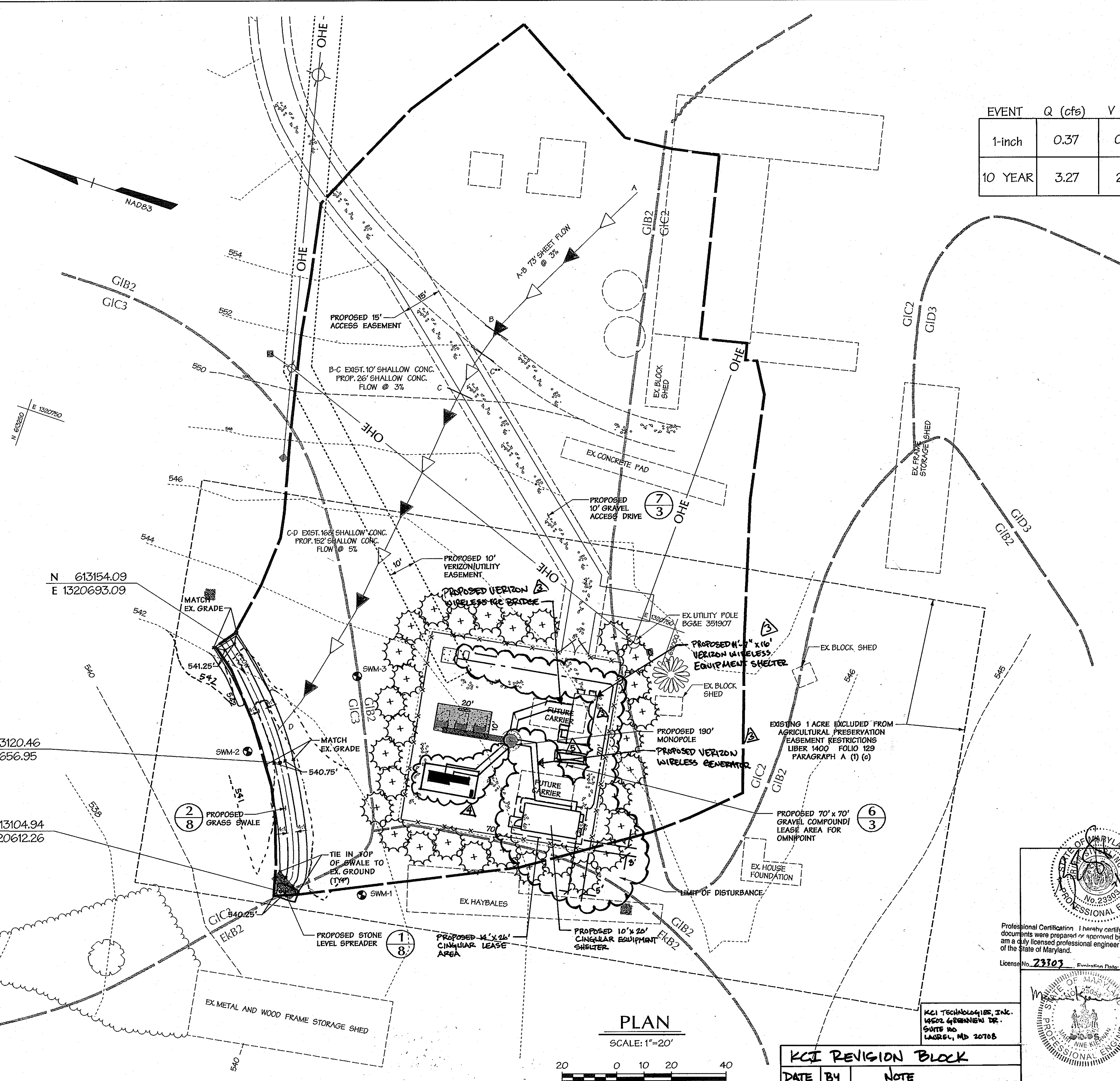
I ME CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I SHALL ENGAGE A REGISTERED PROFESSIONAL ENGINEER TO SUPERVISE POND CONSTRUCTION AND PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERSONS ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF DEVELOPER: *Francis Metra Silberholz*
FRANCIS METRA SILBERHOLZ
DATE: 10/20/2003

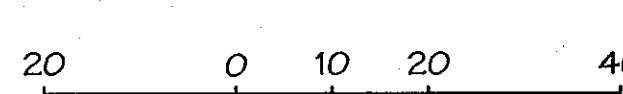
ENGINEER'S CERTIFICATION:

I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, 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 SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE/SHE MUST ENGAGE A REGISTERED PROFESSIONAL ENGINEER TO SUPERVISE POND CONSTRUCTION AND PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

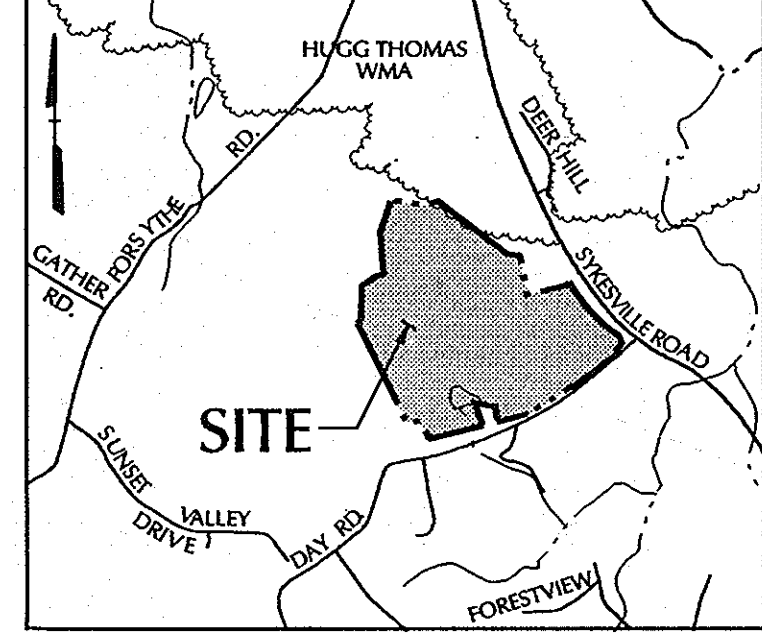
SIGNATURE OF ENGINEER: *John Robert Green*
JOHN ROBERT GREEN



PLAN
SCALE: 1"=20'



EVENT	Q (cfs)	V (fps)
1-inch	0.37	0.96
10 YEAR	3.27	2.04



VICINITY MAP

SCALE: 1"=2000'

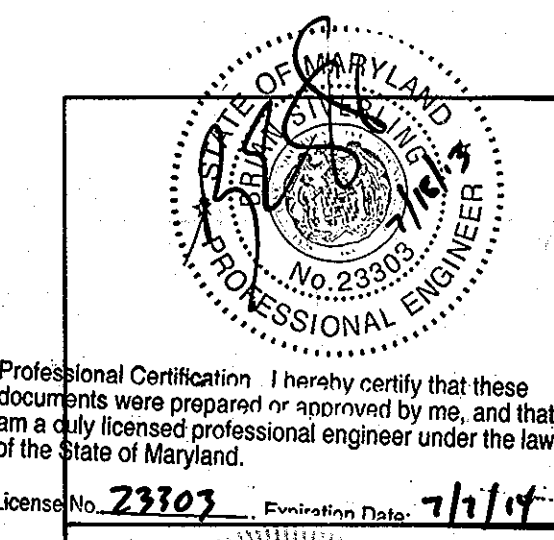
MRA REVISION BLOCK

DATE	BY	NOTE
6/16/03	CS	ADD TO SHOW WIRELESS ANTENNA

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

<i>[Signature]</i>	11/4/03
CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE
<i>[Signature]</i>	11/5/03
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE
<i>[Signature]</i>	1/11/03
DIRECTOR	DATE

Date	No.	Revision Description
10/02/03	3	SUBMITTED FOR HOWARD COUNTY APPROVAL AND SIGNATURE
06/05/03	2	REVISED PER COMMENTS RECEIVED BY DPZ AND DED
03/17/03	1	REVISED PER COMMENTS RECEIVED BY DPZ, DED, AND ALPP



Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 23303, Expiration Date 7/1/14

OMNIPPOINT COMMUNICATIONS CAP OPERATIONS, LLC.

SITE NO. BAN 224C
UNMANNED WIRELESS COMMUNICATION SITE

WARFIELD PROPERTY

720 SYKESVILLE ROAD (MD ROUTE 32)
SYKESVILLE, MD 21784

OWNER: SAMUEL L. WARFIELD, TRUSTEE 310 DAY ROAD SYKESVILLE, MD 21784	DEVELOPER: OMNIPPOINT COMMUNICATIONS CAP OPERATIONS, LLC. A SUBSIDIARY OF T-MOBILE USA, INC. F.K.A. VOICESTREAM WIRELESS CORP. 12050 BALTIMORE AVENUE BELTSVILLE, MARYLAND 20705
----------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DMW
DRAFT-McCune-Walker, Inc.
200 East Pennsylvania Avenue
Towson, Maryland 21286
(410) 296-3353
Fax 296-4705

A Team of Land Planners, Landscape Architects, Golf Course Architects, Engineers, Surveyors & Environmental Professionals

KCI REVISION BLOCK

DATE	BY	NOTE
11/22/04	CW	ADD CIRCULAR CARRIER TO RAN

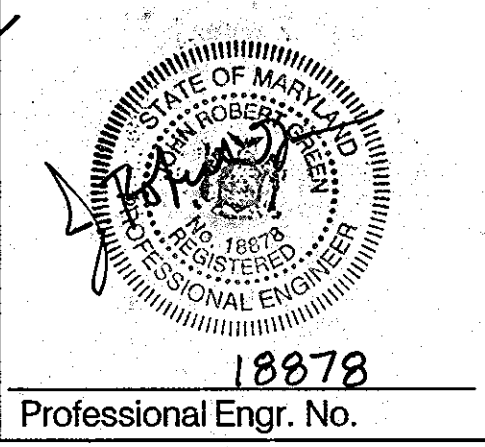
THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

U.S. NATURAL RESOURCE CONSERVATION DISTRICT DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL, MEET THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.

HOWARD S.C.D. DATE

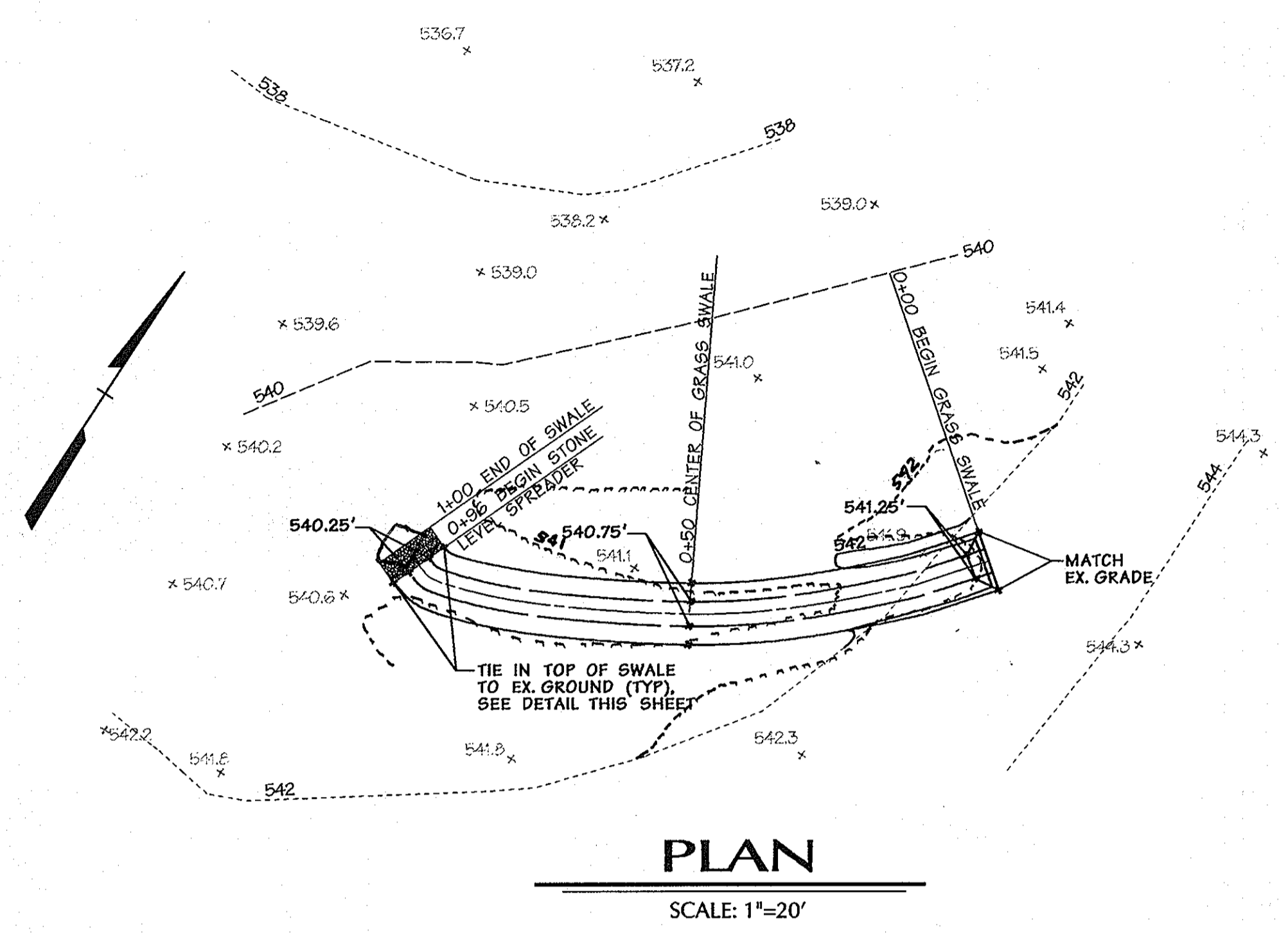
10/2/03
Date



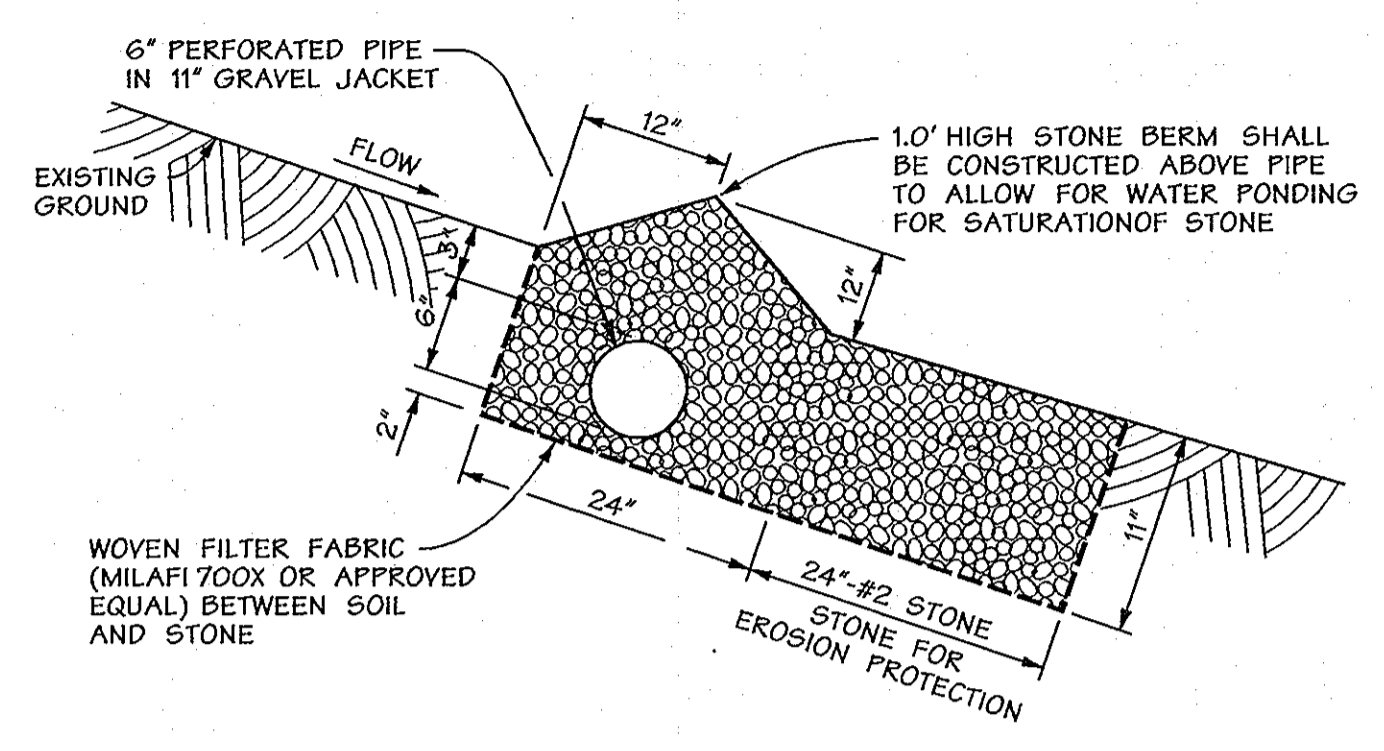
18878
Professional Engr. No.

STORMWATER MANAGEMENT PLAN

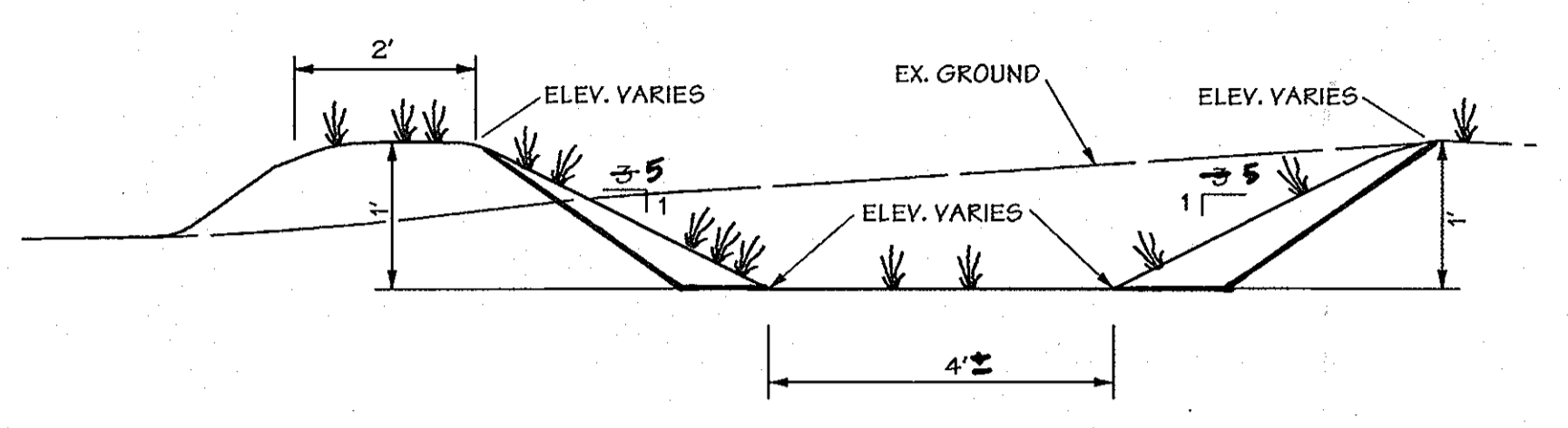
Des By: DWR	Scale: AS SHOWN	Proj. No.: C10021A
Drn By: KM	Date:	
Chk By: MDM	Approved:	7 of 910



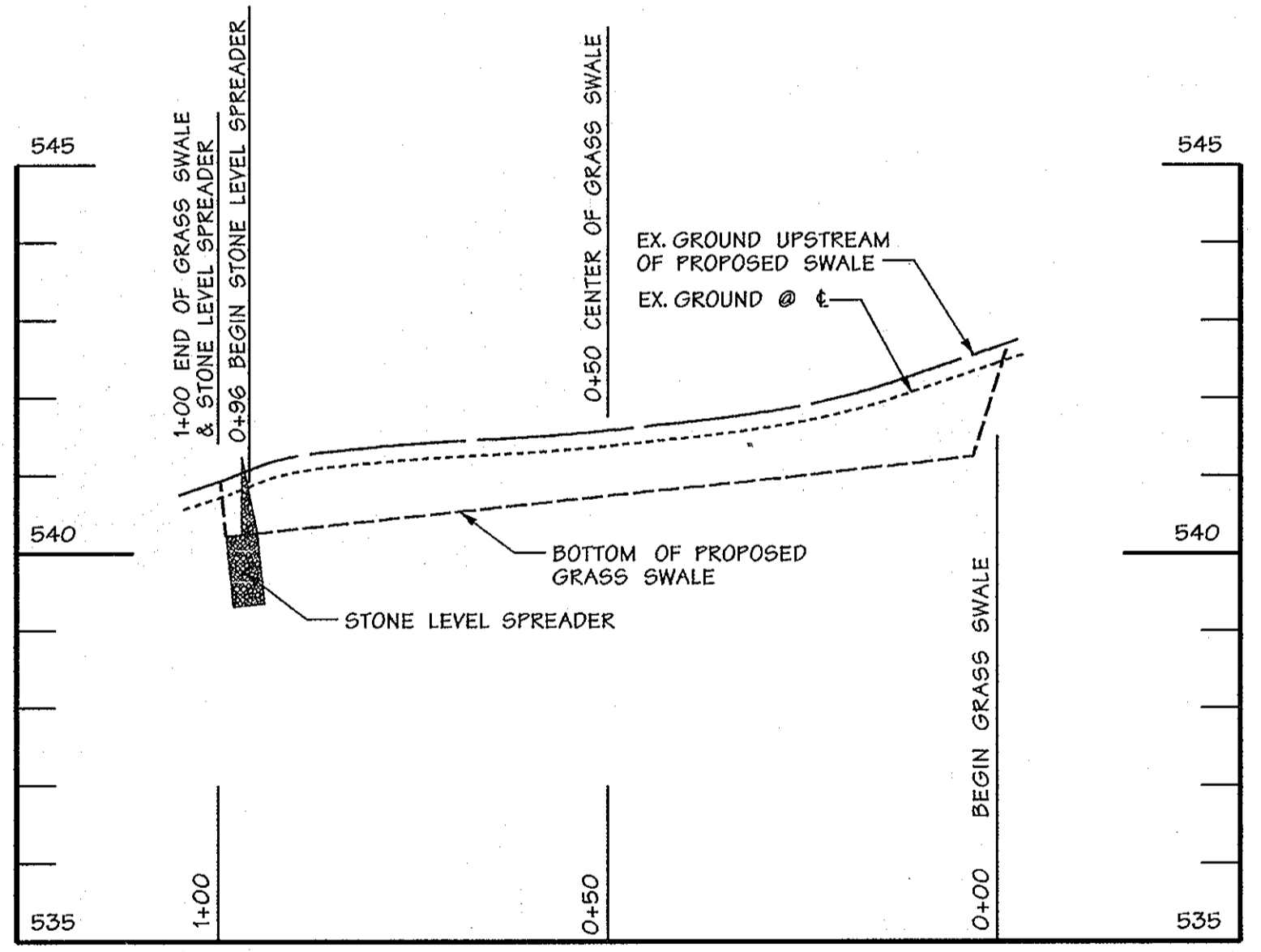
PLAN
SCALE: 1"=20'



1 STONE LEVEL SPREADER
NOT TO SCALE



2 GRASS SWALE
NOT TO SCALE



PROFILE
SCALE: HORIZONTAL 1"=20'
VERTICAL 1"=2'

OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED OPEN CHANNEL SYSTEMS (O-1 AND O-2)

1. THE OPEN CHANNEL SYSTEM SHALL BE INSPECTED ANNUALLY AND AFTER MAJOR STORMS. INSPECTIONS SHALL BE PERFORMED DURING WET WEATHER TO DETERMINE IF THE FACILITY IS FUNCTIONING PROPERLY.
2. THE OPEN CHANNEL SHALL BE MOWED A MINIMUM OF AS NEEDED DURING THE GROWING SEASON TO MAINTAIN A MAXIMUM GRASS HEIGHT OF LESS THAN 6 INCHES.
3. DEBRIS AND LITTER SHALL BE REMOVED DURING REGULAR MOWING OPERATIONS AND AS NEEDED.
4. VISIBLE SIGNS OF EROSION IN THE OPEN CHANNEL SYSTEM SHALL BE REPAIRED AS SOON AS IT IS NOTICED.
5. REMOVE SILT IN THE OPEN CHANNEL SYSTEM WHEN IT EXCEEDS 25% OF THE ORIGINAL WQV.

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 26569, Expiration Date: 7-18-13



AS-BUILT CERTIFICATION FOR PSWM

I HEREBY CERTIFY THAT THE FACILITY SHOWN ON THE PLAN WAS CONSTRUCTED AS SHOWN ON THE "AS-BUILT" PLANS AND COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS. I HAVE VERIFIED THAT THE CONTRIBUTING DRAINAGE AREA IS SUFFICIENTLY STABILIZED TO PREVENT CLOSING OF THE UNDERGROUND SWM FACILITY.

SIGNED Gerald D. Turnbaugh 10-1-12 P.E. # 26569
GERALD D. TURNBAUGH AS-BUILT DATE: 9-28-2012

DEVELOPERS CERTIFICATION:
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 ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I/SHALL ENGAGE A REGISTERED PROFESSIONAL ENGINEER TO SUPERVISE FOND CONSTRUCTION AND PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE FOND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZED FOND ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

Signature of Developer: Francis Metro Silberholz DATE: 10/10/2003
Signature of Engineer: John Robert Green

ENGINEER'S CERTIFICATION:
I CERTIFY THAT THIS PLAN FOR FOND CONSTRUCTION, 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 SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HEIGHT MUST ENGAGE A REGISTERED PROFESSIONAL ENGINEER TO SUPERVISE FOND CONSTRUCTION AND PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE FOND WITHIN 30 DAYS OF COMPLETION.

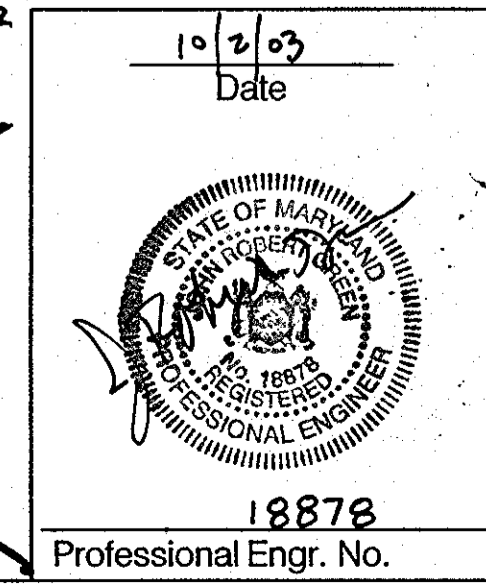
Signature of Engineer: John Robert Green
Signature of Developer: Francis Metro Silberholz

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL FOND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

U.S. NATURAL RESOURCE CONSERVATION SERVICE DATE: _____

THESE PLANS FOR SMALL FOND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT DATE: _____



APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

<u>[Signature]</u> CHIEF, DEVELOPMENT ENGINEERING DIVISION	<u>4/14/03</u> DATE
<u>[Signature]</u> CHIEF, DIVISION OF LAND DEVELOPMENT	<u>11/5/02</u> DATE
<u>[Signature]</u> DIRECTOR	<u>4/10/12</u> DATE

10/02/03	3	SUBMITTED FOR HOWARD COUNTY APPROVAL AND SIGNATURE
06/06/03	2	REVISED PER COMMENTS RECEIVED BY DPZ AND DED
03/17/03	1	REVISED PER COMMENTS RECEIVED BY DPZ, DED, AND ALFP

OMNIPOINT
COMMUNICATIONS CAP OPERATIONS, LLC.
SITE NO. BAN 224C
UNMANNED WIRELESS COMMUNICATION SITE
WARFIELD PROPERTY
720 SYKESVILLE ROAD (MD ROUTE 32)
SYKESVILLE, MD 21784

OWNER SAMUEL L. WARFIELD, TRUSTEE 310 DAY ROAD SYKESVILLE, MD 21784	DEVELOPER OMNIPOINT COMMUNICATIONS CAP OPERATIONS, LLC. 12050 BALTIMORE AVENUE BELTSVILLE, MARYLAND 20705
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DMW
DRAFT-McCune-Walker, Inc.
200 East Pennsylvania Avenue
Towson, Maryland 21286
(410) 296-3333
Fax 296-4705

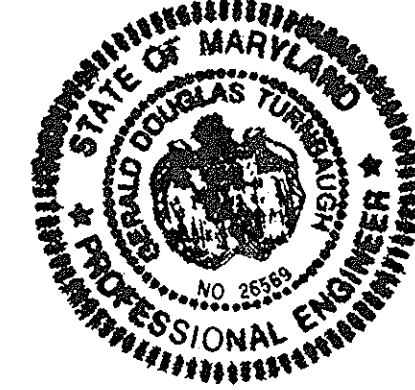
A Team of Land Planners, Landscape Architects, Golf Course Architects, Engineers, Surveyors & Environmental Professionals

SUBMISSION NAME	SECTION AREA	LOI/PARCEL #
FLAT# OR LF	N/A	94
BLOCK #	RC-DEO	03
WATER CODE	SEWER CODE	3
TITLE STORMWATER MANAGEMENT DETAILS		
Des By: DWR	Scale: AS SHOWN	Proj. No. 010021A
Dim By: KO	Date: 01/03/03	8 of 9
Chk By: MDM	Approved: WRD	

SCHEDULE A PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO PERIMETER PROPERTIES			
	PERIMETER 1 70 LF - TYPE 'C'	PERIMETER 2 70 LF - TYPE 'C'	PERIMETER 3 70 LF - TYPE 'C'	PERIMETER 4 70 LF - TYPE 'C'
CREDIT FOR EXISTING VEGETATION (DESCRIBE BELOW IF NEEDED)	N/A	N/A	1 SHADE TREE	N/A
CREDIT FOR TREES (DESCRIBE BELOW IF NEEDED)	N/A	N/A	N/A	N/A
NUMBER OF PLANTS REQUIRED	2	2	2	2
SHADE TREES	4	4	4	4
EVERGREEN TREES	N/A	N/A	N/A	N/A
SHRUBS	N/A	N/A	N/A	N/A
NUMBER OF PLANTS PROVIDED	0	0	0	0
SHADE TREES	0	0	0	0
EVERGREEN TREES	0	0	0	0
OTHER TREES (2-11 SUBSTITUTION)	N/A	N/A	N/A	N/A
SHRUBS	N/A	N/A	N/A	N/A
DESCRIBE PLANT SUBSTITUTION (DESCRIBE BELOW IF NEEDED)				

* PERIMETERS 1 & 4 EVERGREEN TREES SUBSTITUTED FOR 2 SHADE TREES.
 * PERIMETERS 2 & 4 EVERGREEN TREES SUBSTITUTED FOR 2 SHADE TREES.
 * PERIMETERS 3 & 4 EVERGREEN TREES SUBSTITUTED FOR 1 SHADE TREE.
 * PERIMETER 3 & 4 EVERGREEN TREES SUBSTITUTED FOR 1 SHADE TREE.
 * 2 EVERGREENS FROM PERIMETER 2 HAVE BEEN LOCATED IN PERIMETER 3.



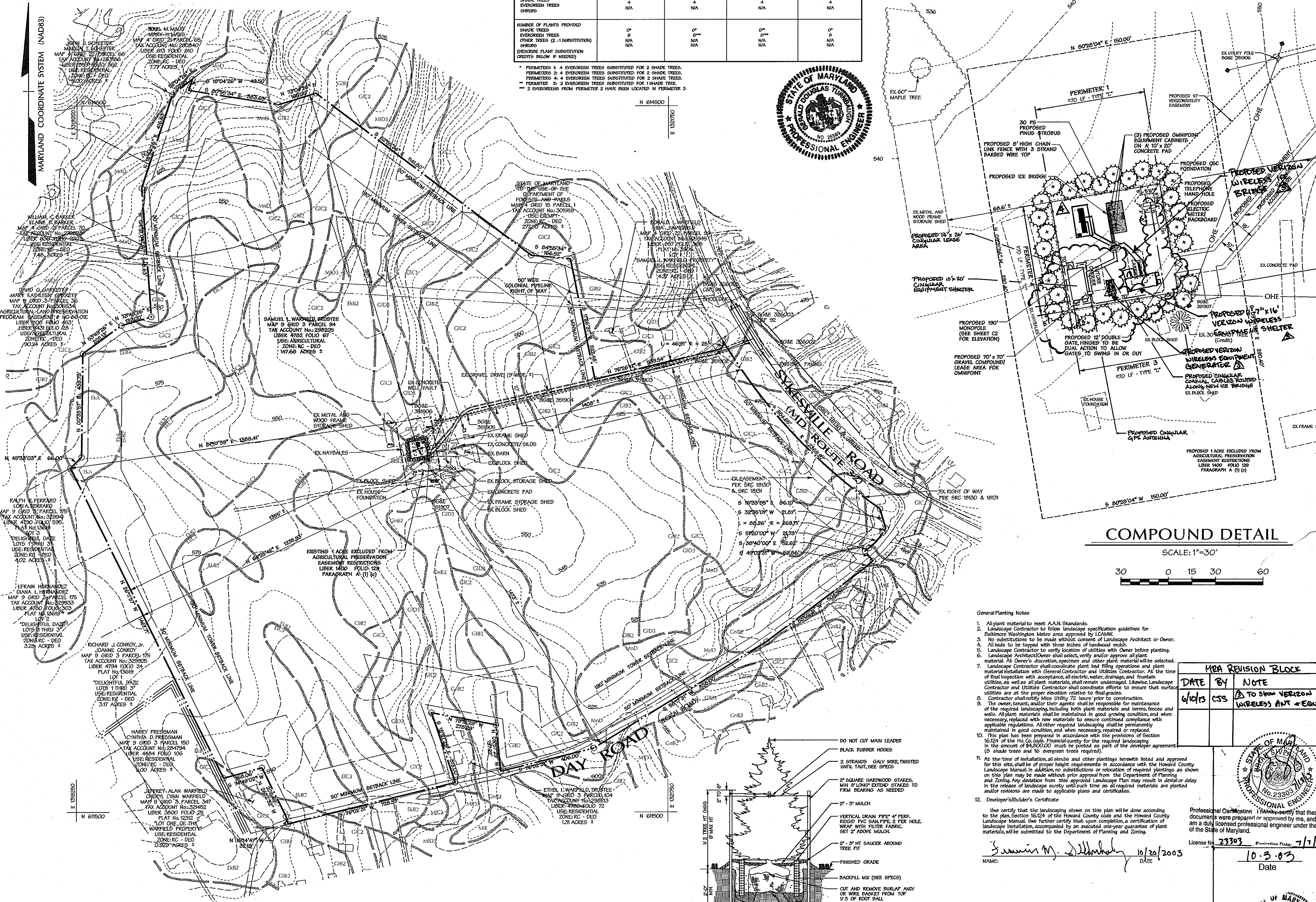
AS-BUILT CERTIFICATION FOR PSWM

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
 License No. 23303, Expiration Date: 7-18-13

NOTE: THERE IS NO "AS-BUILT" INFORMATION PROVIDED ON THIS SHEET
 SIGNED: Gerald D. Turnbaugh 10-1-12 P.E.# 23303
 GERALD D. TURNBAUGH

MARYLAND COORDINATE SYSTEM (NAD83)

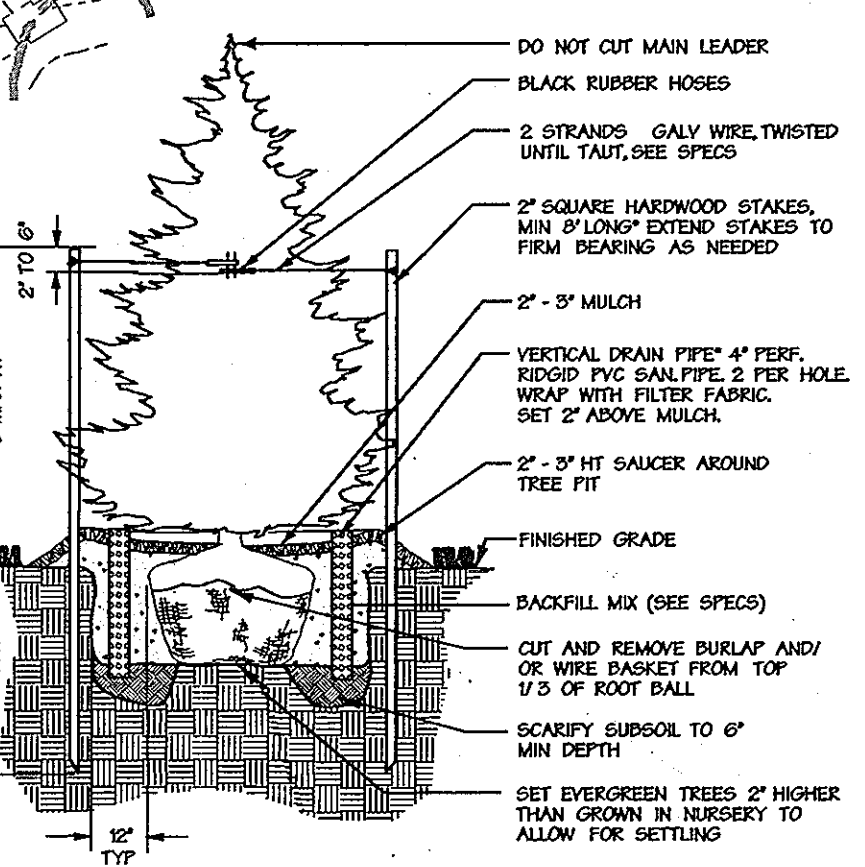
MARYLAND COORDINATE SYSTEM (NAD83)



SITE PLAN
 SCALE: 1"=200'

COMPOUND DETAIL
 SCALE: 1"=30'

- General Planting Notes
- All plant material to meet A.A.N. Standards.
 - Landscape Contractor to follow landscape specification guidelines for Baltimore Washington Metro area approved by UICAM.
 - No substitutions to be made without consent of Landscape Architect or Owner.
 - All plants to be supplied with three inches of handwood mulch.
 - Landscape Contractor to verify location of utilities with Owner before planting.
 - Landscape Architect/Owner shall select, verify and/or approve all plants material. As Owner's discretion, specimen and other plant material will be selected.
 - Landscape Contractor shall coordinate plant bed filling operations and plants material installation with General Contractor and Utilities Contractor. At the time of final inspection with acceptance, all electric, water, drainage, and fountain utilities, as well as all plant materials, shall remain undamaged. Likewise, Landscape Contractor and Utilities Contractor shall coordinate efforts to ensure that surface utilities are at the proper elevation relative to final grades.
 - Contractor shall notify Miss Utility 72 hours prior to construction.
 - The owner, tenants, and/or their agents shall be responsible for maintenance of the required landscaping including both plant materials and berms, fences and walls. All plant materials shall be maintained in good growing condition and when necessary, replaced with new materials to ensure continued compliance with applicable regulations. All other required landscaping shall be permanently maintained in good condition, and when necessary, repaired or replaced.
 - This plan has been prepared in accordance with the provisions of Section 16-204 of the 16.0 Co. Code. Financial security for the required landscaping in the amount of \$4,200.00 must be posted as part of the developer agreement (3 shade trees and 16 evergreen trees required).
 - At the time of installation, all shrubs and other plantings herewith listed and approved for this site, shall be of proper height requirements in accordance with the Howard County Landscape Manual. In addition, no substitutions or relocation of required plantings as shown on this plan may be made without prior approval from the Department of Planning and Zoning. Any deviation from this approved Landscape Plan may result in denial or delay in the release of landscape security until such time as all required materials are planted and/or revisions are made to applicable plans and certifications.
 - Developer/Builder's Certificate



EVERGREEN TREE PLANTING
 NOT TO SCALE

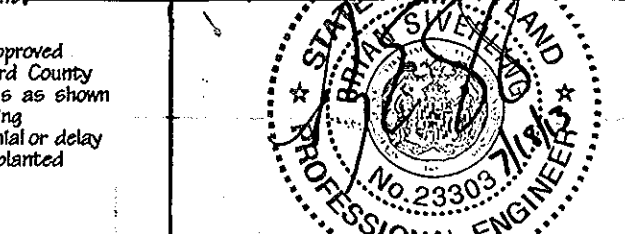
PLANT LIST

QTY	SYM	BOTANICAL NAME / COMMON NAME	SIZE	REMARKS
30	PS	Pinus strobus Eastern White Pine	6" - 8" HT.	B & D

12/1/03 ADD SPRINT PCS EQUIPMENT ON 10'x20' CONC. PAD

MBA REVISION BLOCK

DATE	BY	NOTE
6/10/03	CSS	ADD TO SHOW VERTICAL WIRELESS ANT + EQUIP



Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
 License No. 23303, Expiration Date: 7/1/14
 Samuel M. Williams 10/20/2003
 NAME: DATE: 10-3-03

KCI REVISION BLOCK

DATE	BY	NOTE
4/2/04	CN	ADD CIRCULAR CARRIER TO PLAN

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 Chief, Development Engineering Division: 11/4/03
 Chief, Division of Land Development: 11/5/03
 Director: 11/10/03

Date	No.	Revision Description
10/02/03	3	SUBMITTED FOR HOWARD COUNTY APPROVAL AND SIGNATURE
06/05/03	2	REVISED PER COMMENTS RECEIVED BY DPZ AND DED
03/17/03	1	REVISED PER COMMENTS RECEIVED BY DPZ, DED, AND ALPP

OMNIPOINT
 COMMUNICATIONS CAP OPERATIONS, LLC.
 SITE NO. BAN 224C
 UNMANNED WIRELESS COMMUNICATION SITE
WARFIELD PROPERTY
 720 SYKESVILLE ROAD (MD ROUTE 32)
 SYKESVILLE, MD 21784

OWNER: SAMUEL L. WARFIELD, TRUSTEE
 510 DAY ROAD
 SYKESVILLE, MD 21784

DEVELOPER: OMNIPOINT COMMUNICATIONS CAP OPERATIONS, LLC.
 10250 BALTIMORE AVENUE
 BELTSVILLE, MARYLAND 20705

DMW
 Daft-McCune-Walker, Inc.
 200 East Pennsylvania Avenue
 Towson, Maryland 21286
 (410) 296-3333
 Fax: 296-4705

A Team of Land Planners, Landscape Architects, Golf Course Architects, Engineers, Surveyors & Environmental Professionals

SUBMISSION NAME: N/A SECTION AREA: N/A LOT/PARCEL # 94
 FLAT OR LF: BLOCK # 3 ZONE: RC-DEO MAP: SECT: DISTRICT: CROSS STREET:
 4782167 WATER CODE: SEWER CODE: 3

TITLE: LANDSCAPE PLAN AND DETAILS

Des By: BKC	Scale: AS SHOWN	Proj. No.: 010021A
Drn By: KJ/BKC	Date: 01/03/03	9 of 910
Chk By: MDM	Approved: MM	