

**GENERAL NOTES**

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOL. IV "STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION" FOR WORK IN THE COUNTY RIGHT-OF-WAY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1800 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK. THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS BUREAU OF HIGHWAYS AT (410) 313-2450 AT LEAST FIVE (5) WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING/JACKING OPERATION IN COUNTY ROADS FOR LAYING WATER AND SEWER MAINS.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE STATE HIGHWAY ADMINISTRATION (SHA).
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE PER HOWARD COUNTY RECORDS.
- PUBLIC SEWER TO THE PROPOSED BUILDING WILL BE PROVIDED IN ACCORDANCE WITH SECTION 16.122B OF THE HOWARD COUNTY CODE. PUBLIC SEWER ALLOCATION WILL BE GRANTED AT THE TIME OF ISSUANCE OF THE BUILDING PERMIT IF CAPACITY IS AVAILABLE AT THAT TIME.
- THIS SITE IS LOCATED IN THE LITTLE PATUXENT WATERSHED (DNR# 0210105).
- ALL FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED AND VERIFIED IN ACCORDANCE WITH MSHA STANDARDS.
- CONTRACTOR SHALL MAINTAIN ALL SEDIMENT CONTROL DEVICES WITHIN THE LIMITS OF THE SITE DURING CONSTRUCTION OF THE SITE IMPROVEMENTS. CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES AS MAY BE NECESSARY DURING CONSTRUCTION AND/OR BY GOVERNING AGENCIES.
- PER FEPA MAP 2400440033B DATED DECEMBER 04, 1986, THIS SITE IS LOCATED IN ZONE "C", AN AREA OF MINIMAL FLOODING.
- THERE ARE EXISTING WETLANDS ON SITE AS DETERMINED BY CHRISTOPHER CONSULTANTS, LTD. IN A REPORT DATED AUGUST 30, 2006.
- STEEP SLOPES LOCATED ON THIS SITE HAVE BEEN SHOWN ACCORDINGLY.
- THERE ARE NO KNOWN CEMETERIES OR BURIAL GROUNDS ON THIS SITE. HOWEVER, UPON DISCOVERY OF ANY EVIDENCE OF BURIAL OR GRAVES, THE DEVELOPER WILL BE SUBJECT TO SECTION 16.1305 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- THE SUBJECT PROPERTY IS ZONED R-SC (RESIDENTIAL, SINGLE CLUSTER) PER THE COMPREHENSIVE ZONING PLAN (02/02/2004) AND THE CORP LITE ZONING REGULATION AMENDMENTS EFFECTIVE JULY 28, 2006.
- THE TOPOGRAPHY AND SITE BOUNDARY WERE PREPARED BY CHRISTOPHER CONSULTANTS, IN JUNE AND JULY OF 2006.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. MONUMENT NUMBERS 35FA AND 35FI WERE USED FOR THIS PROJECT (NAD 83).
- ALL EXISTING UNDERGROUND UTILITIES TO BE FIELD VERIFIED. UTILITIES CONTRACTOR SHALL VERIFY THE SIZE AND LOCATIONS OF ALL UNDERGROUND UTILITIES AND TEST PIT ALL UTILITIES, INCLUDING PROPOSED IN LOCATIONS AT LEAST 5 DAYS PRIOR TO STARTING ANY WORK ON THESE DRAWINGS. DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IN ADVANCE OF CONSTRUCTION START.
- WATER IS PUBLIC (CONTRACT NO. 24-4552-D)
- SEWER IS PUBLIC (CONTRACT NO. 24-4552-D)
- THE CONTRACTOR SHALL INSURE THAT CURRENT AS BUILT RECORDS ARE MAINTAINED DURING CONSTRUCTION. UPON COMPLETION OF CONSTRUCTION, CERTIFIED (I.E. P.E. STAMPED) AS-BUILT DRAWINGS SHALL BE SUBMITTED TO THE OWNER.
- THE SITE IS SUBJECT TO REDEVELOPMENT CRITERIA FOR STORMWATER MANAGEMENT. THE REDEVELOPMENT CRITERIA INCLUDE WATER QUALITY FOR 0.51 AC OF IMPERVIOUS AREA, WHICH WILL BE PROVIDED BY TWO DRY SHALES AND UTILIZING THE SHEET FLOW TO BUFFER CREDIT LEVEL SPREADERS AND TIMBER CHECK DAMS HAVE BEEN PROVIDED WHERE APPROPRIATE. RECHARGE IS MET BY THE DRY SHALE IN ACCORDANCE WITH THE 2000 FIDE DESIGN REQUIREMENTS.
- THIS PROJECT COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BY THE PROVISION OF 2.76 AC OF PRESERVATION IN A FOREST CONSERVATION EASEMENT. FOREST CONSERVATION REQUIREMENTS HAVE BEEN ADDRESSED UNDER F-08-123.
- THE LANDSCAPE PLAN HAS BEEN PREPARED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE, AND THE LANDSCAPE MANUAL.
- LANDSCAPE SURETY IN THE AMOUNT OF \$15,570.00 HAS BEEN POSTED AS A PART OF THE DEVELOPER'S AGREEMENT. LANDSCAPE SURETY IS BASED ON THE NUMBER OF REQUIRED PLANTS AND FENCING PER THE HOWARD COUNTY LANDSCAPE MANUAL (24 SHADE TREES, 28 EVERGREEN TREES, 46 SHRUBS AND 124 LINEAR FEET OF SOLID FENCE).
- ASSOCIATED PLANS LISTED UNDER ABIDING SAVIOR LUTHERAN CHURCH. CONDITIONAL USE (ABIDING SAVIOR LUTHERAN CHURCH): BA-03-14E (GRANTED 07.19.1983) CONDITIONAL USE (PENTECOSTAL CHURCH OF GOD): BA-06-15C (GRANTED 08.08.2006, AND EXTENDED ON 05.13.2008) FINAL PLAT (ABIDING SAVIOR LUTHERAN CHURCH): F-08-123
- UNLESS OTHERWISE NOTED, DIMENSIONS FROM CURB ARE MEASURED AT FACE OF CURB.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS PRIOR TO STARTING ON THESE PLANS:
  - MISS UTILITY 1-800-257-7777
  - HOWARD COUNTY DEPT. BUREAU OF UTILITIES (410) 313-4900
  - BALTIMORE GAS AND ELECTRIC COMPANY CONTRACTOR SERVICES (410)850-4620
  - BALTIMORE GAS AND ELECTRIC COMPANY UNDERGROUND DAMAGE CONTROL (410)767-9069
  - VERIZON 1-800-446-5266
- CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS AS NECESSARY TO GRADE THE SITE AND COMPLETE ANY REQUIRED EXCAVATIONS.
- CHRISTOPHER CONSULTANTS, LTD. SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION, MEANS, METHODS, TECHNIQUES, OR PROCEDURES, UTILIZED BY THE CONTRACTOR, NOR FOR THE SAFETY OF PUBLIC OR CONTRACTORS' EMPLOYEES OR THE FAILURE OF THE CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND STANDARD CONSTRUCTION PRACTICES.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES WHICH ARE TO REMAIN FREE FROM DAMAGE AND MAINTAIN UNINTERRUPTED SERVICE TO ALL USERS. ANY DAMAGE INCURRED DUE TO THE CONTRACTOR'S OR SUBCONTRACTOR'S ACTIONS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- SCALING OF THESE PLANS IS DISCOURAGED UNLESS DIRECTED BY THE ENGINEER. IN THE EVENT OF A DISCREPANCY BETWEEN THE SCALED AND THE FIGURED DIMENSIONS, THE FIGURED DIMENSIONS SHALL BE HELD.
- T.B.R. = TO BE REMOVED
- ALL SIGN POSTS USED FOR TRAFFIC CONTROL SIGNS INSTALLED IN THE COUNTY RIGHT-WAY SHALL BE MOUNTED ON A 2" GALVANIZED STEEL, PERFORATED, SQUARE TUBE POST (14 GAUGE) INSERTED INTO A 2-1/2" GALVANIZED STEEL, PERFORATED, SQUARE TUBE SLEEVE (12 GAUGE) 3' LONG. A GALVANIZED STEEL POLE CAP SHALL BE MOUNTED ON TOP OF EACH POST.
- PER HOWARD COUNTY BUILDING CODE SECTION 404.11 ALL BUILDINGS IN EXCESS OF 5,000 SF IN SIZE WILL HAVE A COMPLETE AUTOMATIC FIRE SUPPRESSION SYSTEM DESIGNED IN ACCORDANCE WITH NFPA 83.
- TREES WITH MATURE HEIGHTS GREATER THAN 25' SHALL NOT BE PLANTED WITHIN 20' OF EITHER SIDE OF THE UTILITY POLE LINES. TREES WITH MATURE HEIGHTS GREATER THAN 40' SHALL NOT BE PLANTED WITHIN 45' OF THE UTILITY POLE LINES. TREES PLANTED OR RETAINED TO COMPLY WITH THE FOREST CONSERVATION PLAN OR OTHER PERPETUAL EASEMENT REQUIREMENTS SHALL MEET THE ABOVE CONDITIONS. BGE SHALL HAVE THE PERPETUAL RIGHT TO TRIM OR REMOVE ANY PROTECTED TREES IF IN THE SOLE OPINION OF BGE, THE TREE OR TREES ARE ENDANGERING THE OVERHEAD ELECTRIC FACILITIES.
- NO GRADING, REMOVAL OF VEGETATION COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE REQUIRED WETLANDS, STREAM(S) AND THEIR BUFFERS, AND FOREST CONSERVATION EASEMENT AREAS.
- THIS SDP IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL NO. 45-2003 AND THE AMENDED ZONING REGULATIONS PER COUNCIL BILL NO. 75-2003. DEVELOPMENT OR CONSTRUCTION ON THIS PROPERTY MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, AND BUILDING/GRADING PERMIT APPLICATIONS.
- THE PLANNING DIRECTOR HAS DETERMINED THAT THIS PROJECT MEETS THE REQUIREMENTS OF SECTION 12B.10 AND THEREFORE PARKING IS PERMITTED WITHIN THE USE SETBACKS AS SHOWN.
- LIGHT TRESPASS ONTO ADJACENT PROPERTIES SHALL BE LIMITED TO 0.1 FOOT CANDLES.
- THE EXISTING CHURCH (ABIDING SAVIOR LUTHERAN CHURCH) ON LOT 1 HAS CONSTRUCTED IN 1963.
- PROPOSED PENTECOSTAL CHURCH OF GOD WILL HAVE AN AUTOMATIC FIRE PROTECTION SPRINKLER SYSTEM.
- THE REQUIRED NUMBER OF SPACES FOR ABIDING SAVIOR LUTHERAN CHURCH (50) ARE ENTIRELY LOCATED ON LOT 1. THE REQUIRED NUMBER OF SPACES FOR THE PENTECOSTAL CHURCH OF GOD (67) ARE LOCATED ON ENTIRELY LOT 2.

**SHEET INDEX**

NO.	SHEET TITLE
1	COVER SHEET
2	EXISTING CONDITIONS, SOILS MAP, AND DEMOLITION PLAN
3	SITE DEVELOPMENT PLAN
4	PRE & POST DA MAPS FOR SEDIMENT & EROSION CONTROL
5	SEDIMENT & EROSION CONTROL PLAN
6	SEDIMENT & EROSION CONTROL NOTES & DETAILS
7	STORMDRAIN PROFILES & DETAILS
8	GRADING & UTILITY PLAN
9	SITE NOTES AND DETAILS
10	SWH DRAINAGE AREA MAP & DETAILS
11	LANDSCAPE PLAN
12	LANDSCAPE DETAILS

**SITE ANALYSIS DATA CHART**

- TOTAL PROJECT AREA: 6.5747 AC (286,395.2 SF)  
 LOT 1: 1,809.2 AC (78,634.1 SF) ABIDING SAVIOR LUTHERAN CHURCH  
 LOT 2: 3,630 AC (156,164.1 SF) PENTECOSTAL CHURCH OF GOD  
 NON-BUILDABLE PARCEL A: 1,135.5 AC (49,594.2 SF)
- AREA OF PLAN SUBMISSION: 6.5747 AC (286,395.2 SF)
- LIMIT OF DISTURBED AREA: 22,710 AC (989,212 SF)
- PRESENT ZONING DESIGNATION: R-SC (RESIDENTIAL, SINGLE CLUSTER) ZONING REGULATIONS:
  - MAXIMUM BUILDING HEIGHT (PRINCIPAL STRUCTURE): 34'
  - MINIMUM LOT WIDTH AT B.R.L.: 40'
  - MINIMUM SETBACK REQUIREMENTS:
    - FRONT ARTERIAL OR COLLECTOR OR PUBLIC STREET R.O.W.I: STRUCTURES: FRONT: 30' REAR: 30'
    - USES (OTHER THAN STRUCTURES) IN ALL DEVELOPMENT PROJECTS EXCEPT SINGLE-FAMILY DETACHED: 30'
    - FROM OTHER PUBLIC STREET R.O.W.I: STRUCTURES: FRONT: 20' SIDE: 20' REAR: 40'
    - USES (OTHER THAN STRUCTURES) EXCLUDING USE IN SINGLE-FAMILY DETACHED DEVELOPMENT PROJECTS AND PARKING FOR SINGLE-FAMILY ATTACHED DWELLINGS: 20'

# SITE DEVELOPMENT PLAN

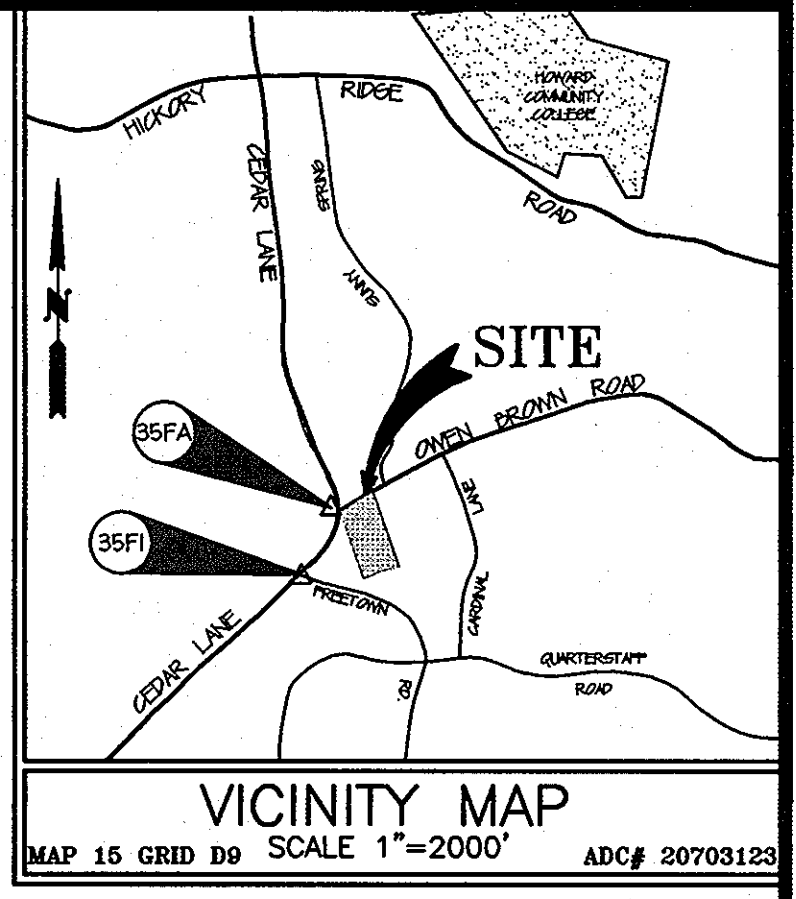
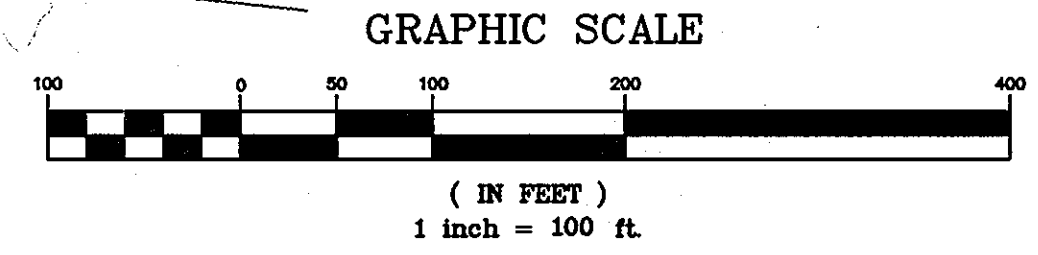
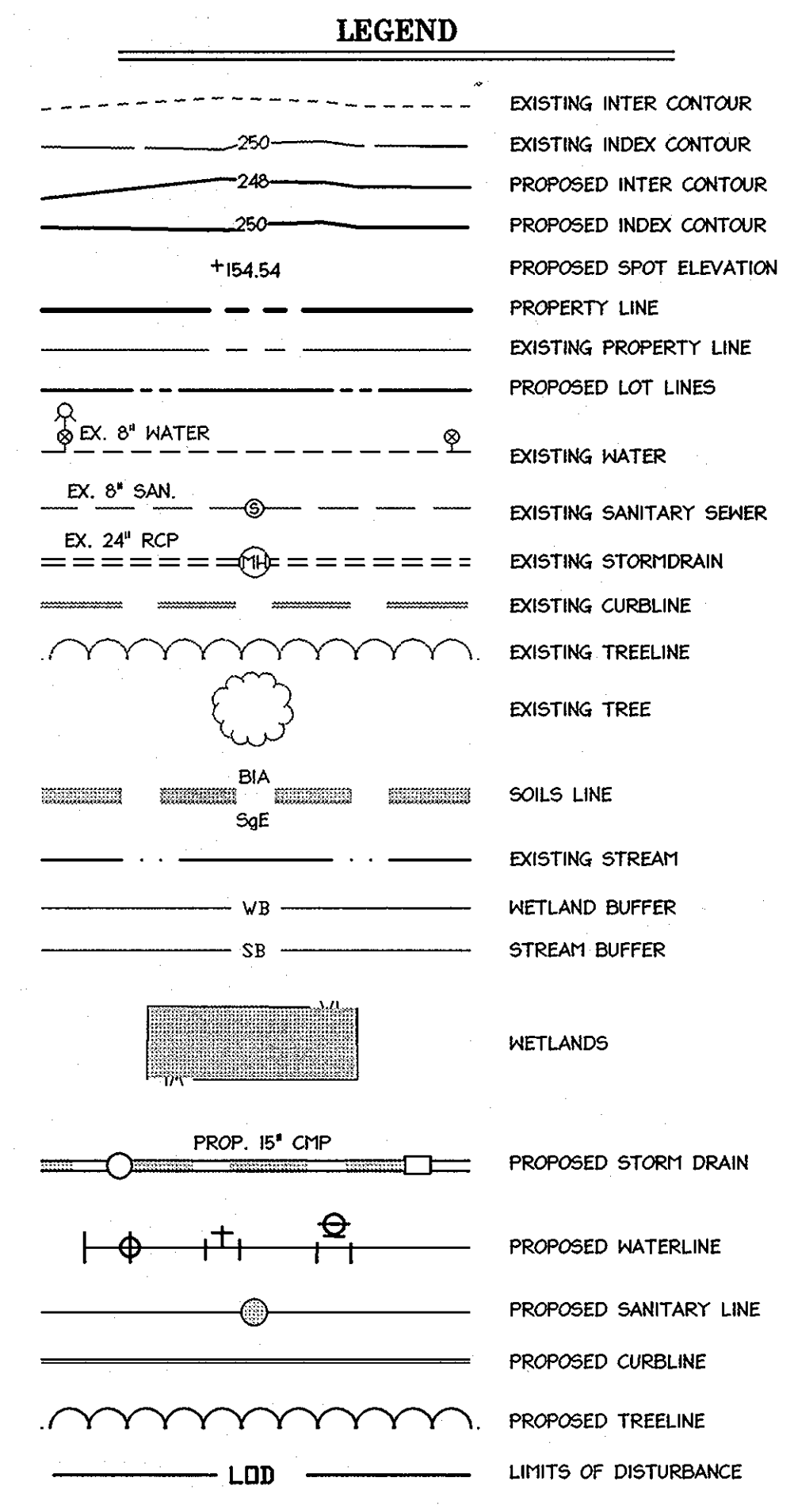
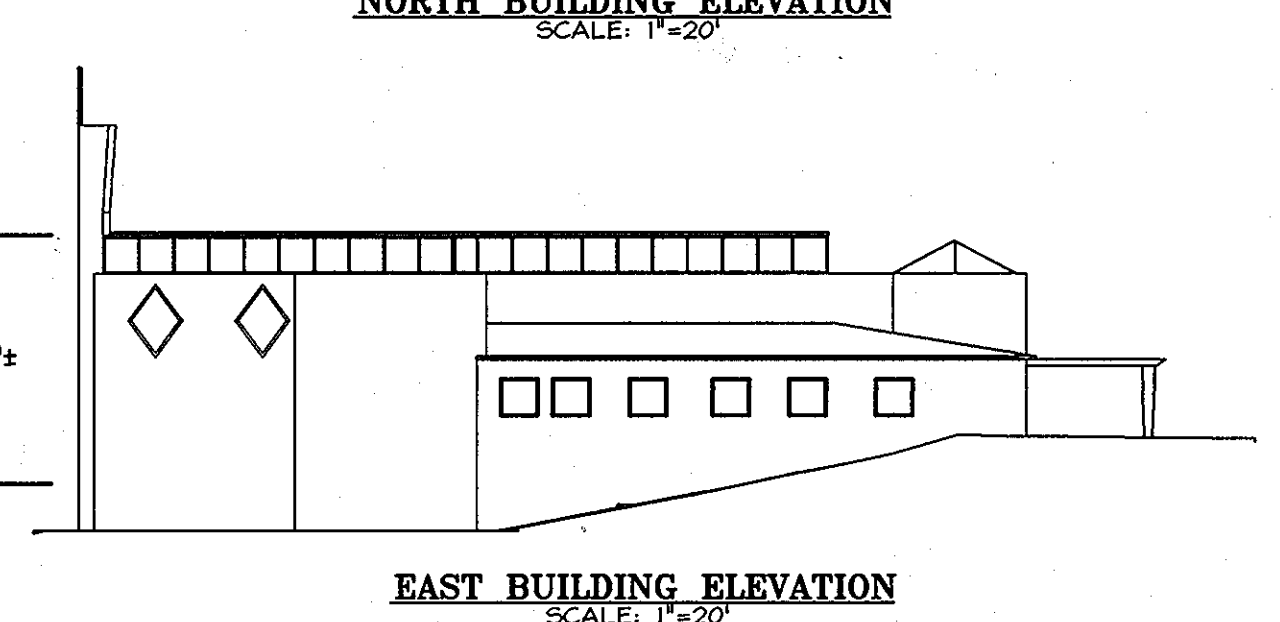
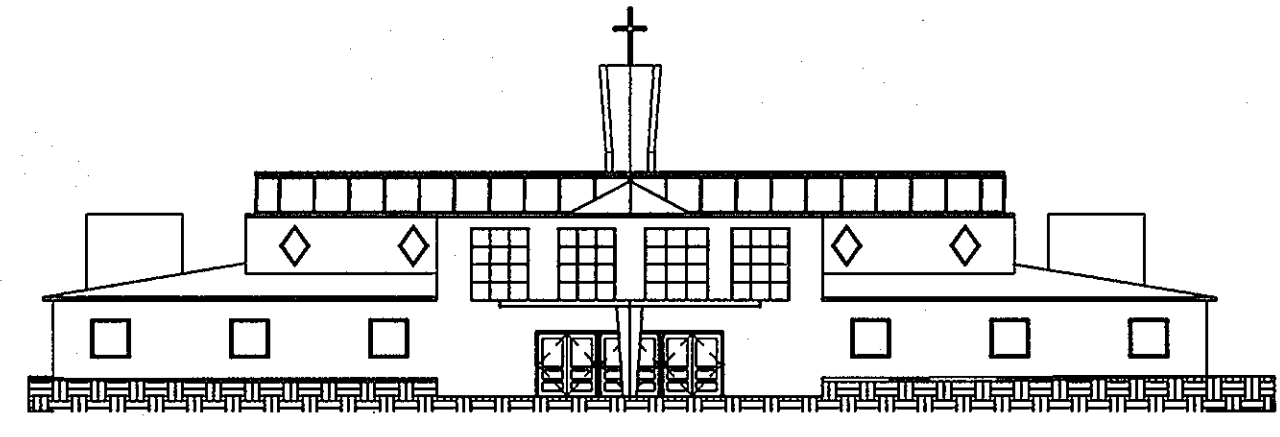
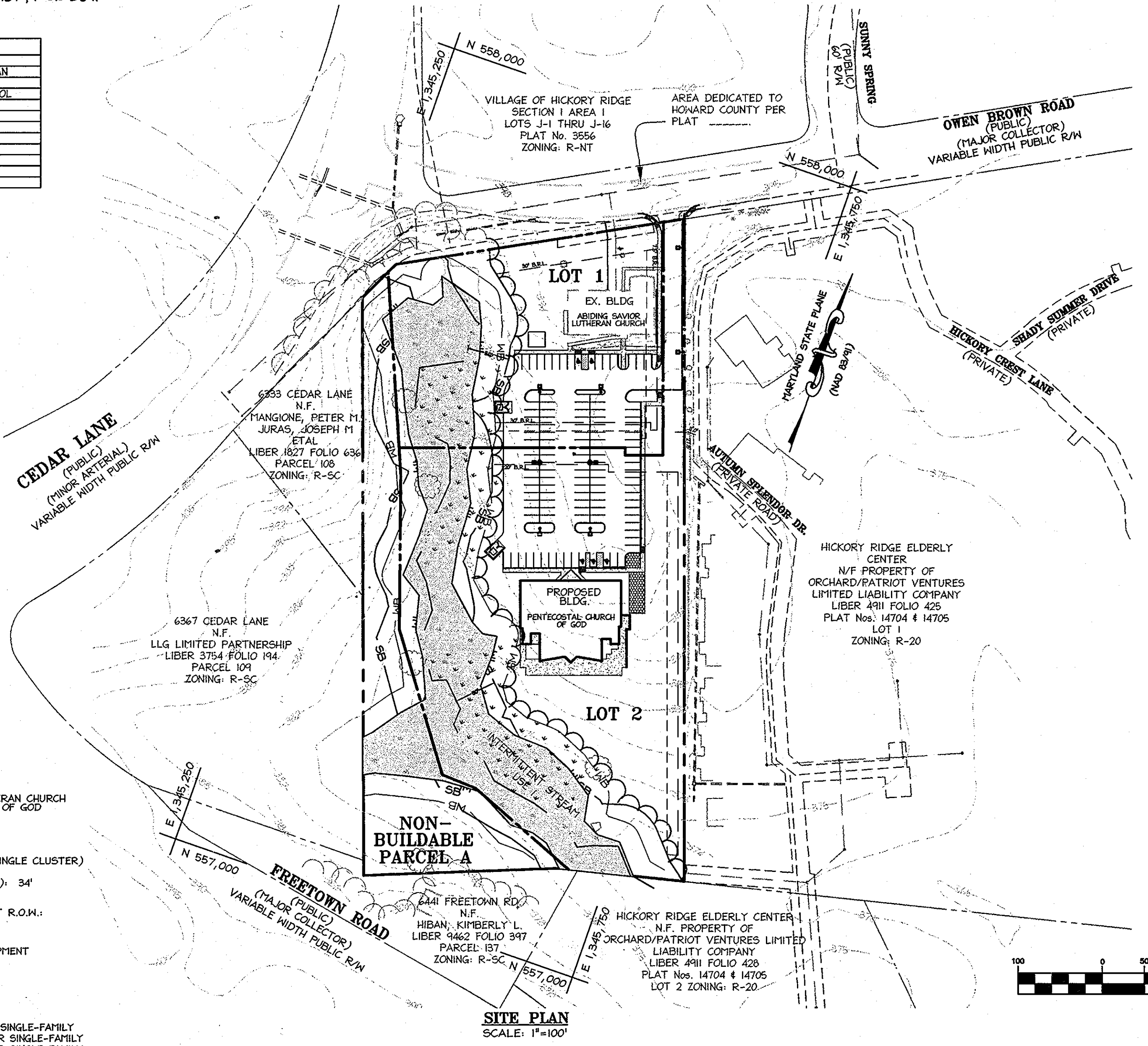
## ABIDING SAVIOR LUTHERAN CHURCH

## PENTECOSTAL CHURCH OF GOD

### LOTS 1, 2 & NON-BUILDABLE PARCEL A

### 5TH ELECTION DISTRICT

### HOWARD COUNTY, MARYLAND



**BENCHMARKS**

Horizontal Datum: Maryland State Coordinates, NAD 83/91
Vertical Datum: NAVD 83
Horizontal: N59°26.11, E134°46.24', Elev. 410.40
Howard County Monument 35FI
Horizontal: N55°787.36, E134°5217.36', Elev. 400.40

APPROVED: DEPARTMENT OF PLANNING AND ZONING

<i>Cindy Hammett</i>	7/23/09
Chief, Division of Land Development	Date
<i>Tommy Dammers</i>	7/20/09
Chief, Development Engineering Division	Date
<i>Thomas E. Butler</i>	7/24/09
Director, Department of Planning and Zoning	Date

**ABIDING SAVIOR LUTHERAN CHURCH & PENTECOSTAL CHURCH OF GOD**

OWNER	DEVELOPER
ABIDING SAVIOR LUTHERAN CHURCH 10689 OWEN BROWN ROAD COLUMBIA, MD 21044 PHONE: (410) 917 - 8770 FAX: (443) 538 - 4960 CONTACT: JEFF SHOPE	PENTECOSTAL CHURCH OF GOD 10689 OWEN BROWN ROAD COLUMBIA, MD 21044 PHONE: (410) 712 - 6336 CONTACT: JOSE O'CASIO

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christopher consultants, ltd.  
7172 columbia gateway drive (suite 100) | columbia, md. 21046-2990  
410.872.8690 | fax: 410.872.8688

**ADDRESS CHART**

LOT/PARCEL	STREET ADDRESS
LOT 1	10689 OWEN BROWN ROAD
LOT 2	10685 OWEN BROWN ROAD
PARCEL A	

**PERMIT INFORMATION CHART**

PROJECT NAME:	LOT/PARCEL NO.	CENSUS TRACT
ABIDING SAVIOR LUTHERAN CHURCH PENTECOSTAL CHURCH OF GOD	LOTS 1, 2 & PAR. A	6026.02
PLAT NO. 24591 24593	GRID NO. 18	ZONE R-SC
TAX MAP 35	ELECTION DISTRICT 05	
WATER CODE 500	SEWER CODE 5326200	

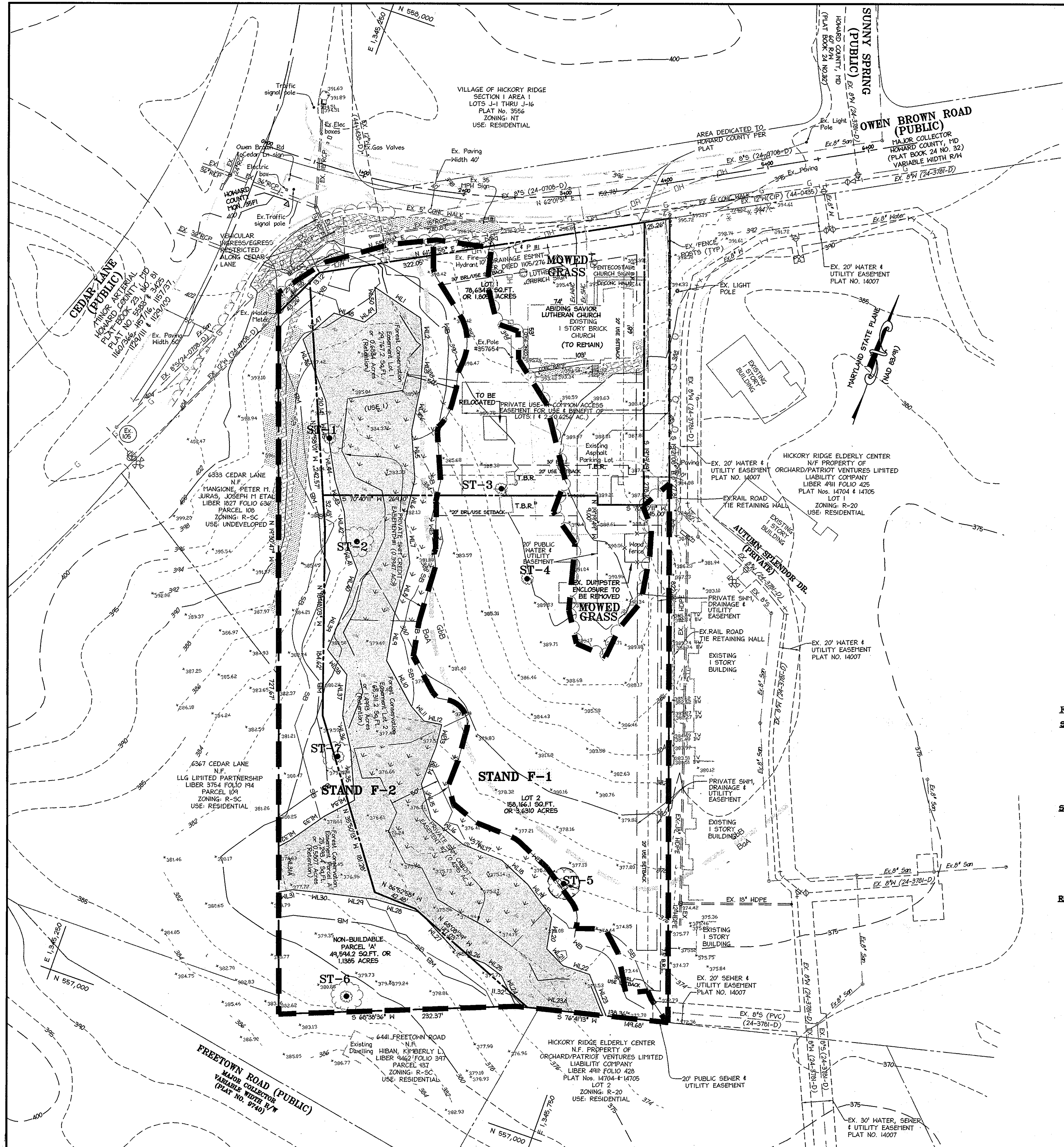
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

6-2-09  
DATE

**COVER SHEET**

DESIGN: AJK	SCALE: 1" = 100'	PROJECT: 06-4302.00
DRAWN: AJK	DATE: JUNE 2009	
CHECKED: JPH	APPROVED: JPH	





**LEGEND**

- EXISTING INTER CONTOUR
- EXISTING INDEX CONTOUR
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING CURBLINE
- EXISTING TREELINE
- PROPOSED TREELINE
- SOILS LINE
- EXISTING WATER
- EXISTING SANITARY SEWER
- EXISTING STORM DRAIN
- STREAM CENTERLINE
- 50' STREAM BUFFER
- NONTIDAL WETLAND LIMITS
- 25' WETLAND BUFFER
- FOREST STAND BOUNDARY
- SPECIMEN TREE
- 25% AND GREATER STEEP SLOPES 6.07% S.F.
- 15-25% STEEP SLOPES
- TO BE REMOVED

LIMITS OF WETLANDS		
LINE	BEARING	DISTANCE
WL1	S 75°03'23" E	54.33'
WL2	S 23°56'18" E	24.54'
WL3	S 15°52'34" E	36.02'
WL4	S 08°00'33" E	44.15'
WL5	S 23°16'04" E	48.01'
WL6	S 06°21'33" E	42.10'
WL7	S 25°40'05" E	42.11'
WL8	S 02°25'23" E	35.50'
WL9	S 10°00'07" E	45.00'
WL10	S 47°36'10" E	51.54'
WL11	S 60°25'44" E	18.53'
WL12	N 81°57'13" E	17.66'
WL13	S 05°37'43" E	22.73'
WL14	S 07°53'54" W	34.21'
WL15	S 35°18'00" E	35.50'
WL16	S 70°03'52" E	41.02'
WL17	S 87°17'32" E	40.47'
WL18	S 66°23'51" E	34.90'
WL19	S 55°01'25" E	40.46'
WL20	S 10°34'54" E	30.90'
WL21	S 63°24'20" E	22.47'
WL22	N 75°18'00" E	22.57'
WL23	S 47°03'44" E	43.87'
WL24	N 45°14'05" W	33.95'
WL25	N 73°04'54" W	14.62'
WL26	N 84°05'44" W	28.19'
WL27	N 62°13'20" W	54.44'
WL28	S 87°17'51" W	44.95'
WL29	S 77°53'17" W	46.68'
WL30	S 72°22'07" W	35.55'
WL31	S 62°10'34" W	13.84'
WL32	N 42°24'23" E	12.18'
WL33	N 35°24'02" E	41.25'
WL34	N 42°17'35" E	33.60'
WL35	N 23°46'14" W	50.63'
WL36	S 32°54'18" W	33.44'
WL37	N 13°44'58" W	45.27'
WL38	S 56°35'36" W	31.25'
WL39	N 02°44'21" E	49.74'
WL40	N 01°20'06" W	33.43'
WL41	N 40°44'32" W	29.42'
WL42	N 23°10'07" W	24.61'
WL43	N 35°50'55" W	33.26'
WL44	N 27°54'00" W	35.50'
WL45	N 24°23'49" W	44.92'
WL46	N 33°50'14" W	64.54'
WL47	N 30°18'32" E	34.85'
WL48	N 07°00'56" E	30.94'
WL49	N 31°54'45" E	15.15'
WL50	N 23°16'36" E	25.25'

AREA = 63,235.4 SQUARE FEET OR 1.4517 ACRES

STAND SUMMARY TABLE											
STAND	COMMUNITY TYPE	AREA (ACRES)	SOILS INFORMATION			EXISTING VEGETATION (DOMINANT SPECIES APPROXIMATE %)	STAND CHARACTERISTICS			FOREST AREA IN SENSITIVE ENVIRONMENTS (ACRES)	HABITAT VALUE
			SOILS TYPE	TYPICAL FOREST	WOODLAND SUITABILITY GROUP		AVG. SIZE (DIAMETERS)	AGE (YEARS)	GENERAL CONDITIONS		
F-1	FOREST	2.21	(Gladstone) GbB	OAKS AND OTHER UPLAND HARDWOODS	12/30	5% OAKS, 15% MAPLE, 15% HICKORY, 7% GUM	12-14", 4-6" 4-6", 12-14"	20+	GOOD STAND STRUCTURE & DIVERSITY	0.0	1
F-2	FOREST	3.33	(Baile) BaA	OAKS, RED MAPLE AND SWEET GUM	1	36% MAPLE, 36% BLK GUM, 14% POPLAR, 5% APL. ELM	6-12", 6-12" 12-14", 6-12"	20+	GOOD STAND STRUCTURE & DIVERSITY	1.44 (WETLANDS)	

SOIL ANALYSIS				
OLD SOIL SURVEY SYMBOL	NEW SOIL SURVEY SYMBOL	NEW SOIL DESCRIPTION	K-FACTOR	HYDRIC
Ba	BaA	Baile silt loam, 0-3% slopes	0.32	YES
ChB2	GbB	Gladstone loam, 3-8% slopes	0.20	NO
GnA	GbB	Gladstone loam, 3-8% slopes	0.20	NO

**FOREST STAND DESCRIPTIONS**

**STAND F-1**  
 THIS STAND IS DOMINATED BY RED OAKS, WHITE OAK, AND HICKORY WITH AN AVERAGE DBH OF 12-14". THE CANOPY TREES ARE APPROXIMATELY 70 FEET TALL AND IN GOOD CONDITION. THE UNDERSTORY CONSISTS OF RED MAPLE, MOCKERNUT HICKORY, LOUBUSH BLUEBERRY, AND BLACK CHERRY. THIS FOREST STAND HAS A HERBACEOUS LAYER CONSISTING OF VIRGINIA CREEPER. THE RETENTION PRIORITY FOR THIS STAND IS MODERATE, GIVEN THE FOREST STRUCTURE, SPECIES COMPOSITION, PRESENCE OF SPECIMEN TREES, AND POSITION ON THE SITE. THERE ARE 3 SPECIMEN TREES LOCATED WITHIN THIS STAND.

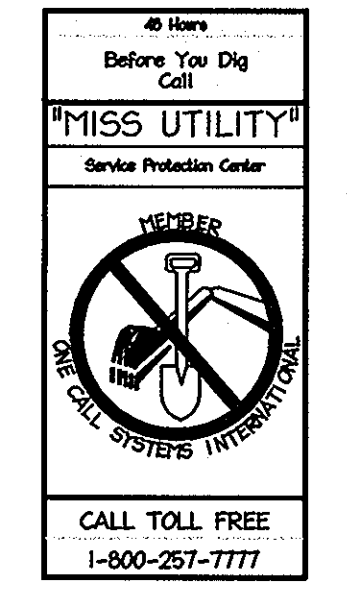
**STAND F-2**  
 THIS STAND IS DOMINATED BY RED MAPLE AND BLACK GUM TREES WITH AN AVERAGE DBH OF 12-14". THE CANOPY TREES ARE APPROXIMATELY 70 FEET TALL AND IN GOOD CONDITION. THE UNDERSTORY CONSISTS OF SPICEBUSH, ARROWWOOD, GREENBRIAR, MULTIFLORA ROSE AND GREEN ASH. THIS FOREST STAND HAS A HERBACEOUS LAYER CONSISTING OF CINNAMON FERN, JACK IN THE PULPIT, JENKINBERRY, VIRGINIA CREEPER, AND SKUNK CABBAGE. THERE ARE 4 SPECIMEN TREES LOCATED IN THIS STAND. THE RETENTION PRIORITY IS HIGH GIVEN THE FOREST STRUCTURE, PRESENCE OF SPECIMEN TREES, ENVIRONMENTAL FEATURES AND POSITION ON THE SITE.

**REMAINING AREA**

THE REMAINING PORTIONS OF THE PROPERTY, NOT INCLUDED IN F-1 OR F-2 STANDS, CONSIST OF MOWED AND MAINTAINED GRASS AREAS, AN EXISTING ASPHALT PARKING LOT, AND THE EXISTING CHURCH.

**SPECIMEN TREES**

NO.	SIZE	TYPE	CONDITION
1	34.5"	POPLAR	GOOD
2	32.5"	AMELI	GOOD
3	33.5"	RED OAK	GOOD
4	35"	RED OAK	GOOD
5	31"	WHITE OAK	GOOD
6	38"	RED OAK	GOOD
7	34.5"	SCARLET OAK	GOOD



APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*Cathy Hamant* 7/22/09  
 Chief, Division of Land Development Date  
*Chris Demme* 7/22/09  
 Chief, Development Engineering Division Date  
*Donna E. Suttler* 7/24/09  
 Director, Department of Planning and Zoning Date

**ABIDING SAVIOR LUTHERAN CHURCH & PENTECOSTAL CHURCH OF GOD**

**OWNER** ABIDING SAVIOR LUTHERAN CHURCH  
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 FAX: (410) 538-4960  
 CONTACT: JEFF SKOPE

**DEVELOPER** PENTECOSTAL CHURCH OF GOD  
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 PHONE: (410) 772-6396  
 CONTACT: JOSE OCASIO

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ADDRESS CHART	
LOT/PARCEL	STREET ADDRESS
LOT 1	10689 OWEN BROWN ROAD
LOT 2	10685 OWEN BROWN ROAD
PARCEL A	-----

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.

6-2-09  
 DATE

**PERMIT INFORMATION CHART**

PROJECT NAME: ABIDING SAVIOR LUTHERAN CHURCH PENTECOSTAL CHURCH OF GOD	LOT/PARCEL NO. LOTS 1, 2 & PAR. A	CENSUS TRACT 6026.02
PLAT NO. 24-052-1-20053	GRID NO. ZONE 18 R-SC	TAX MAP 35
WATER CODE 500	SEWER CODE 5326200	ELECTION DISTRICT 05

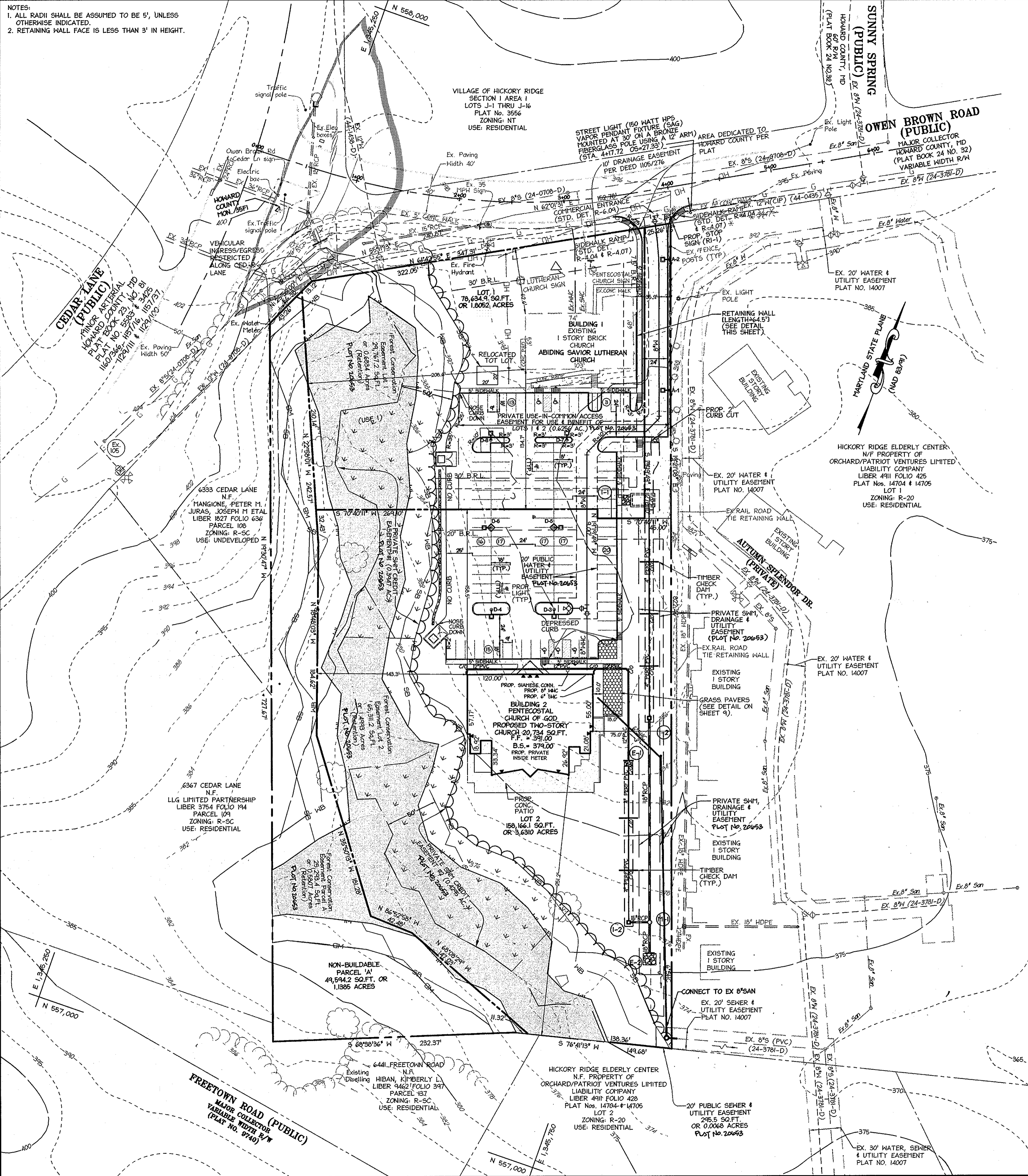
TITLE:  
**EXISTING CONDITIONS, SOILS MAP AND DEMOLITION PLAN**

DESIGN: AJK	SCALE: 1" = 50'	PROJECT: 064302.00
DRAWN: AJK	DATE: JUNE 2009	
CHECKED: JPH	APPROVED: JPH	

MDC-693(SDP)



NOTES:  
 1. ALL RADII SHALL BE ASSUMED TO BE 5', UNLESS OTHERWISE INDICATED.  
 2. RETAINING WALL FACE IS LESS THAN 3' IN HEIGHT.



### STRUCTURE SCHEDULE

STRUCTURE	TYPE	LOCATION	INV. IN	INV. OUT	TOP	REMARKS
I-1	10' COS INLET	E 1345616.44 N 557633.09	386.50	386.00	~	SHA STD. DETAIL MD 374.68
I-2	TYPE 'D' INLET	E 1345712.75 N 557444.87	378.50 (4')	377.33 (18')	382.50 (SLOT ELEV.)	HOCO STD. DETAIL D-4.10 (W/ 4 SLOTS)
I-3	TYPE 'D' INLET	E 1345758.91 N 557253.09	375.95 (4')	375.82 (18')	379.95 (SLOT ELEV.)	HOCO STD. DETAIL D-4.10 (W/ 4 SLOTS)
M-1	4' DIA. MANHOLE	E 1345777.78 N 557259.72	375.38 (18') 375.63 (15')	375.28 (18')	380.20	HOCO STD. DETAIL G-5.12
E-1	TYPE 'C' ENDWALL	E 1345707.42 N 557399.68	~	382.05 (12')	~	HOCO STD. DETAIL D-5.21
E-2	TYPE 'C' ENDWALL	E 1345787.60 N 557231.77	~	374.98 (18')	~	HOCO STD. DETAIL D-5.21

### PIPE SCHEDULE

SIZE	PIPE LENGTH	TYPE
4"	355'	PERFORATED PVC (SCHEDULE 40)
12"	239'	PVC (SCHEDULE 40)
18"	225'	CL. IV RCP
15"	19'	CL. IV RCP

### LUMINAIRE LOCATIONS

No.	Label	X	Y	Z	MH
1	A	306.3	528.7	23.0	23.0
2	A	272.3	632.4	23.0	23.0
3	D	281.1	296.3	23.0	23.0
4	D	211.1	272.1	23.0	23.0
5	D	241.1	374.5	23.0	23.0
6	D	184.3	354.1	23.0	23.0
7	D	228.9	449.2	23.0	23.0
8	D	156.0	423.5	23.0	23.0

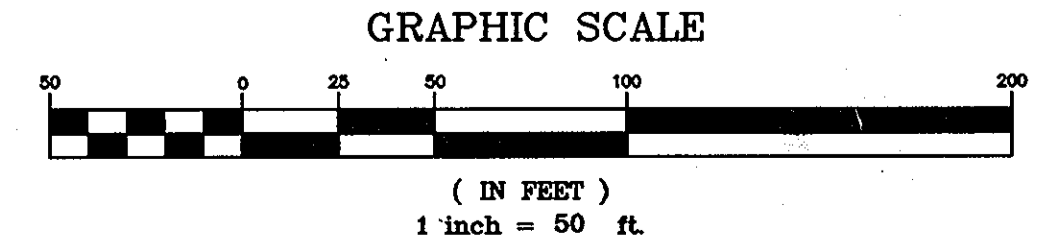
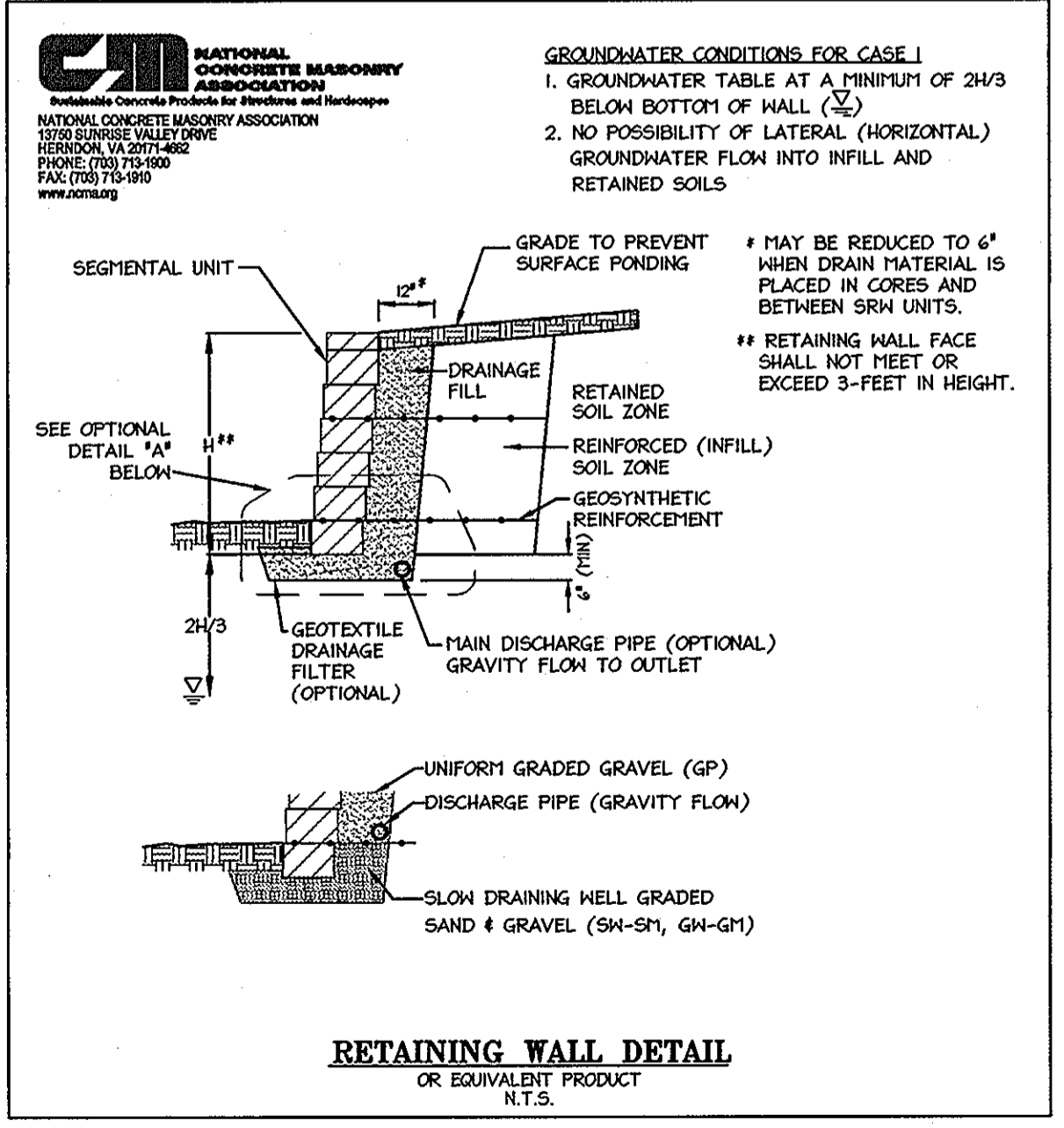
### LUMINAIRE SCHEDULE

Label	Qty	Catalog Number	Description	Lumens	LLF
A	2	AUS 200 MHP (Vol) III HS LG (Mounting) (Color)	PAPPI AURA FORM THREE OUTDOOR POLE MOUNTED LUMINAIRE WITH SEGMENTED SPECULAR REFLECTOR, WHITE LOUVER INSERT, FLAT CLEAR GLASS LENS	21000	0.75
D	6	AUS 320 MHP (Vol) III LG PM AS4	PAPPI AURA FORM ONE OUTDOOR POLE MOUNTED LUMINAIRE WITH SEGMENTED SPECULAR REFLECTOR, WHITE LOUVER INSERT, FLAT CLEAR GLASS LENS	33000	0.75

### STATISTICS

Description	Avg	Max	Min	Max/Min	Avg/Min
entire site to prop line	0.5 fc	7.7 fc	0.0 fc	N/A	N/A
Lane Way	2.5 fc	7.5 fc	0.1 fc	75.0:1	25.0:1
Paved Area	2.0 fc	7.7 fc	0.4 fc	19.3:1	5.0:1

### SITE LIGHTING DETAILS



### LEGEND

- EXISTING INTER CONTOUR
- EXISTING INDEX CONTOUR
- PROPOSED INTER CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED SPOT ELEVATION
- PROPERTY LINE
- EXISTING PROPERTY LINE
- PROPOSED LOT LINES
- EXISTING WATER
- EXISTING SANITARY SEWER
- EXISTING STORM DRAIN
- EXISTING CURBLINE
- EXISTING TREELINE
- EXISTING TREE
- SOILS LINE
- EXISTING STREAM
- WETLAND BUFFER
- STREAM BUFFER
- NETLANDS
- PROPOSED STORM DRAIN
- PROPOSED WATERLINE
- PROPOSED SANITARY LINE
- PROPOSED CURBLINE
- PROPOSED TREELINE
- LIMITS OF DISTURBANCE
- PROPOSED LIGHT POLE
- LEVEL SPREADER
- PROPOSED SIDEWALK

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 Chief, Division of Land Development: *[Signature]* 7/20/09  
 Chief, Development Engineering Division: *[Signature]* 7/20/09  
 Director, Department of Planning and Zoning: *[Signature]* 7/20/09

**ABIDING SAVIOR LUTHERAN CHURCH & PENTECOSTAL CHURCH OF GOD**

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 COLUMBIA, MD 21044  
 PHONE: (410) 997-8770  
 FAX: (443) 536-4960  
 CONTACT: JEFF SNOPE

**DEVELOPER**  
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 CONTACT: JOSE O'CASIO

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 7172 columbia gateway drive (suite 100) · columbia, md. 21046-2990  
 410.872.8930 · metro 301.881.0148 · fax 410.872.8938

**ADDRESS CHART**

LOT/PARCEL	STREET ADDRESS
LOT 1	10689 OWEN BROWN ROAD
LOT 2	10685 OWEN BROWN ROAD
PARCEL A	

**PERMIT INFORMATION CHART**

PROJECT NAME:	LOT/PARCEL NO.	CENSUS TRACT
ABIDING SAVIOR LUTHERAN CHURCH PENTECOSTAL CHURCH OF GOD	LOTS 1, 2 & PAR. A	6026.02
PLAT NO.:	GRID NO.:	ZONE:
2482-1-2482-3	18	R-SC
TAX MAP:	ELECTION DISTRICT:	
35	05	
SEWER CODE:		
500		5326200

**SITE DEVELOPMENT PLAN**

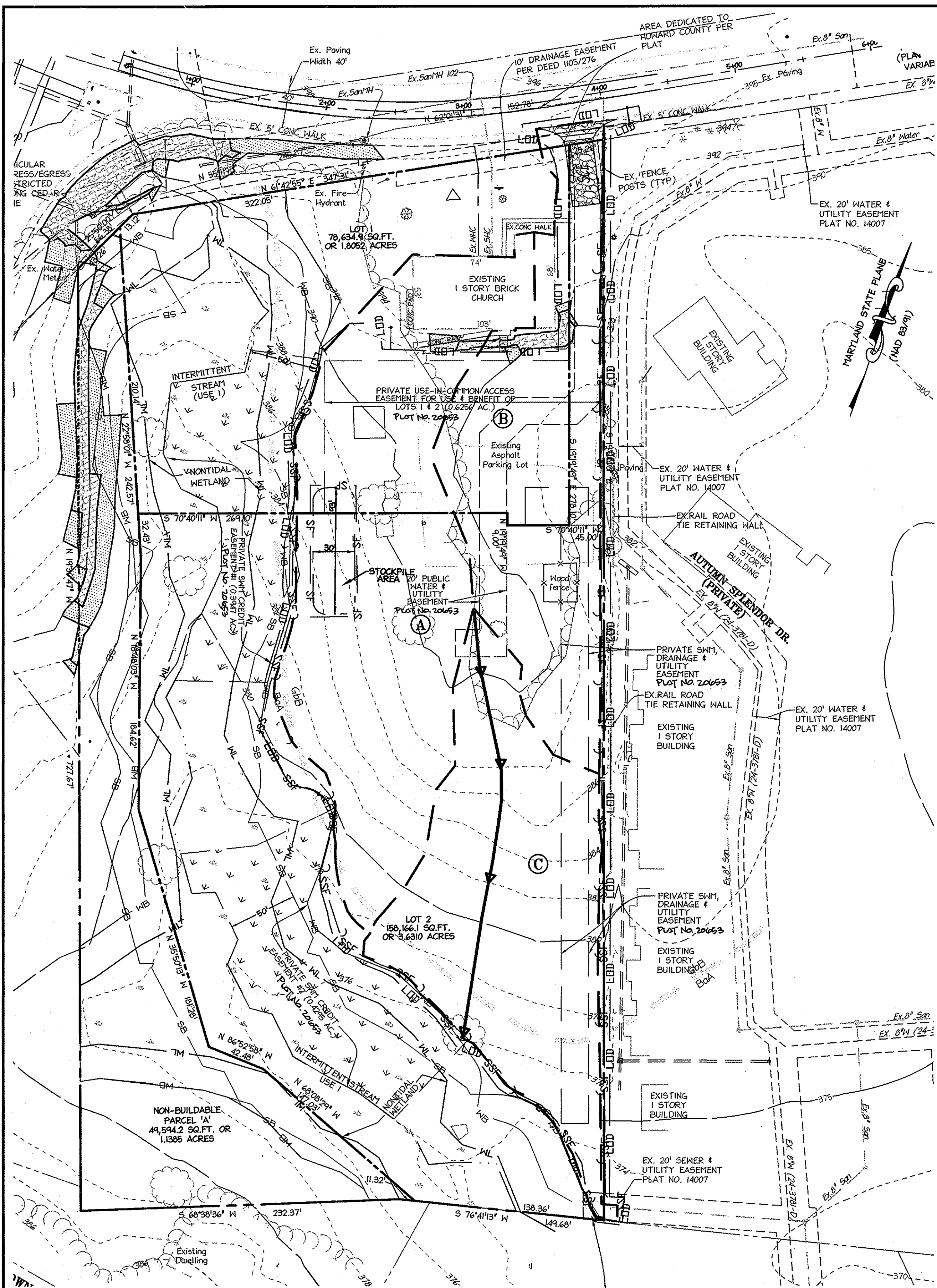
DESIGN:	SCALE:	AS SHOWN	PROJECT:	06-4302.00
AJK				
DRAWN:	DATE:	JUNE 2009		
AJK				
CHECKED:	APPROVED:	JMH		
JMH				

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.

6.2.09  
 DATE

STATE OF MARYLAND  
 PROFESSIONAL ENGINEER  
 JAMES M. HOFFER  
 No. 2883  
 REGISTERED

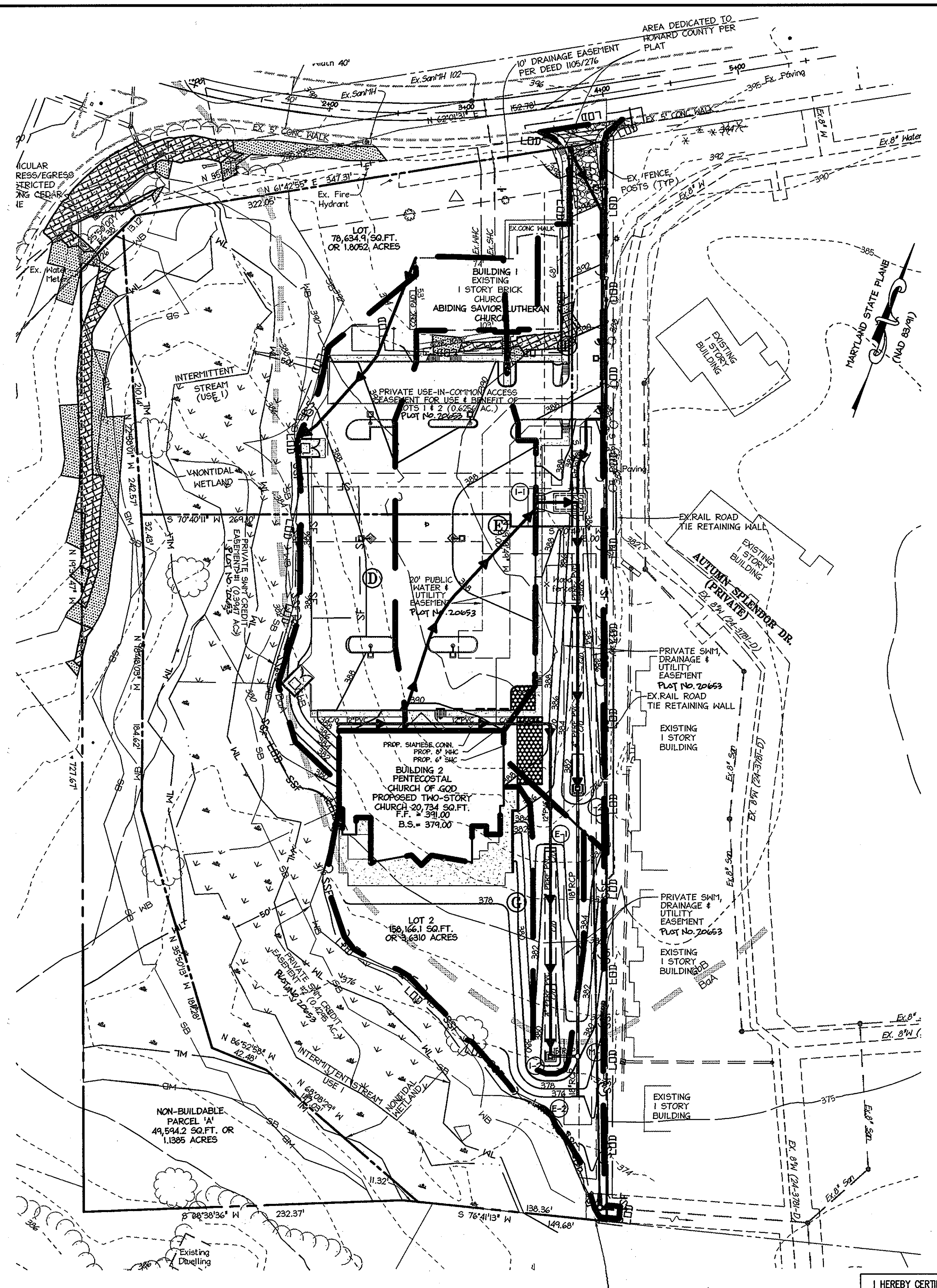
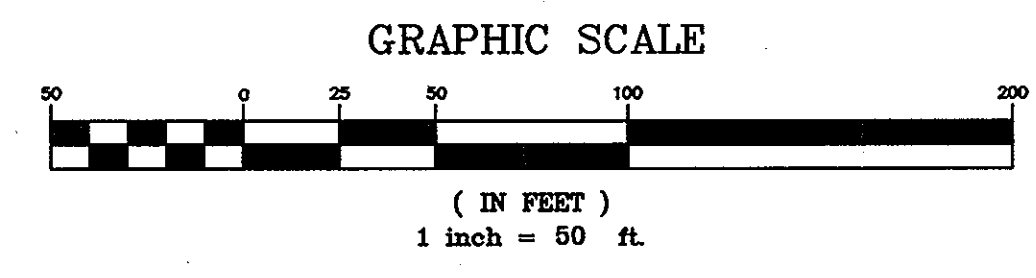




**PRE-SEDIMENT AND EROSION CONTROL DRAINAGE AREA MAP**  
1" = 50'

**PRE-SEDIMENT DRAINAGE AREA SCHEDULE**

DA	AREA	ACREAGE
A	50,880 S.F.	1.17 Ac.
B	34,685 S.F.	0.80 Ac.
C	37,504 S.F.	0.86 Ac.



**POST-SEDIMENT AND EROSION CONTROL DRAINAGE AREA MAP**  
1" = 50'

**POST-SEDIMENT DRAINAGE AREA SCHEDULE**

DA	AREA	ACREAGE
D	26,267 S.F.	0.60 Ac.
E	27,181 S.F.	0.62 Ac.
F	26,050 S.F.	0.60 Ac.
G	24,525 S.F.	0.56 Ac.
H	17,102 S.F.	0.39 Ac.

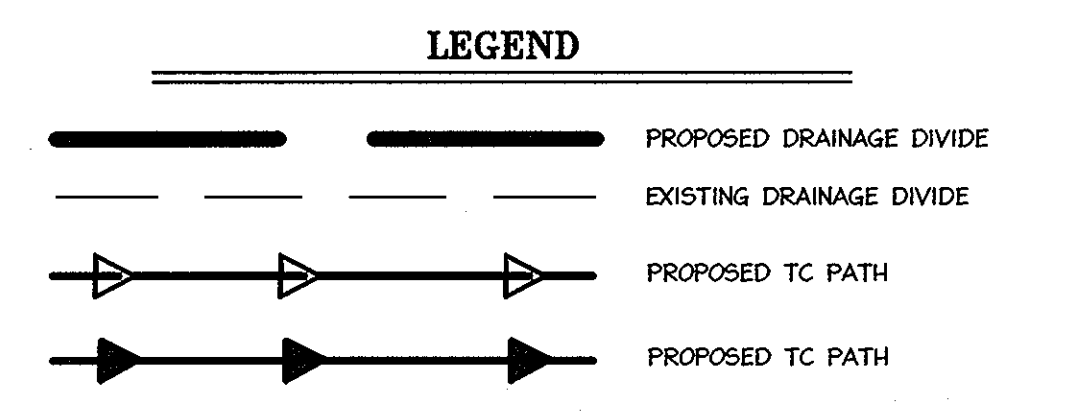
**DEVELOPER'S CERTIFICATE**  
I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.

Signature of Developer: *Jose L. Ocasio* Date: 6/2/09  
Print name below signature: Jose L. Ocasio

**ENGINEER'S CERTIFICATE**  
I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Signature of Engineer: *John M. Householder* Date: 6.2.09  
Print name below signature: John M. Householder, P.E.

**DESIGNED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS.**  
USDA-Natural Resources, Conservation Service Date: \_\_\_\_\_  
The development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
Signature: *John M. Householder* Date: 6/11/09  
Howard SCD



APPROVED: DEPARTMENT OF PLANNING AND ZONING

Signature: *Chris Roberts* Date: 7/2/09  
Chief, Division of Land Development

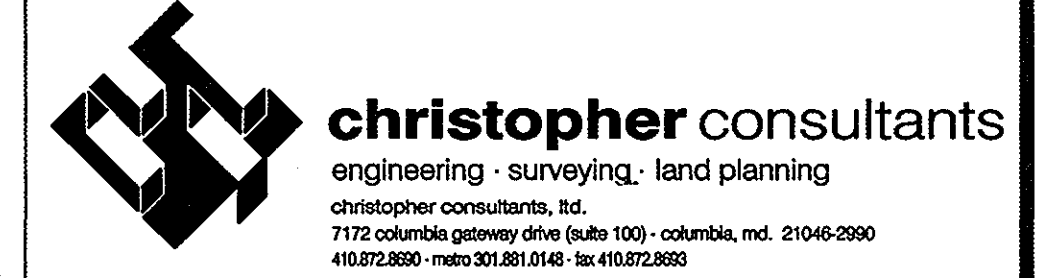
Signature: *Mike Dammann* Date: 7/2/09  
Chief, Development Engineering Division

Signature: *Thomas S. Butler* Date: 7/2/09  
Director, Department of Planning and Zoning

**ABIDING SAVIOR LUTHERAN CHURCH & PENTECOSTAL CHURCH OF GOD**

**OWNER**  
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**DEVELOPER**  
PENTECOSTAL CHURCH OF GOD  
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COLUMBIA, MD 21044  
PHONE: (410) 772-6396  
CONTACT: JOSE OCASIO



**ADDRESS CHART**

LOT/PARCEL	STREET ADDRESS
LOT 1	10689 OWEN BROWN ROAD
LOT 2	10685 OWEN BROWN ROAD
PARCEL A	

**PERMIT INFORMATION CHART**

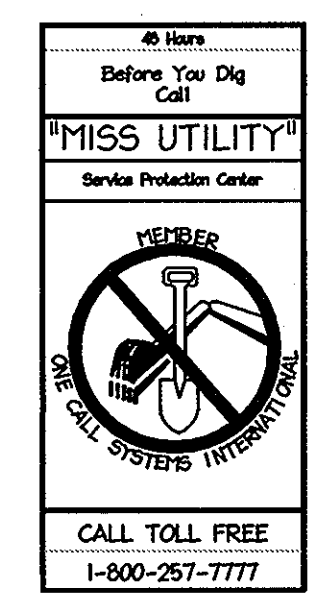
PROJECT NAME	LOT/PARCEL NO.	CENSUS TRACT
ABIDING SAVIOR LUTHERAN CHURCH PENTECOSTAL CHURCH OF GOD	LOTS 1, 2 & PAR. A	6026.02
PLAT NO. 220653	GRID NO. 18	ZONE R-SC
TAX MAP 35	ELECTION DISTRICT 05	
WATER CODE 500	SEWER CODE 5326200	

**TITLE:**  
**PRE & POST DA MAPS FOR SEDIMENT & EROSION CONTROL**

DESIGN: A.K. SCALE: 1" = 50' PROJECT: 064902.00  
DRAWN: A.K. DATE: JUNE 2009  
CHECKED: J.M.H. APPROVED: J.M.H.

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.

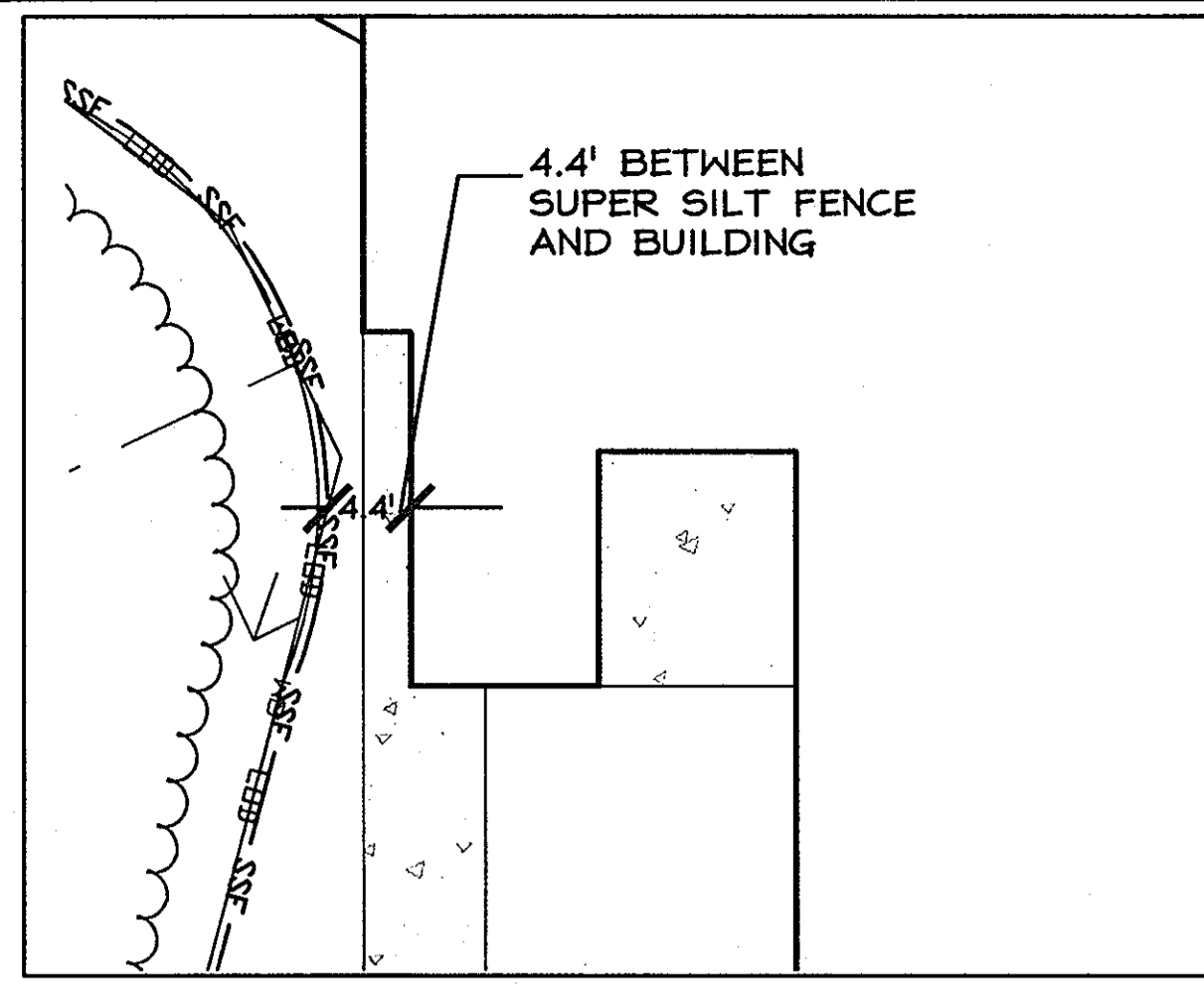
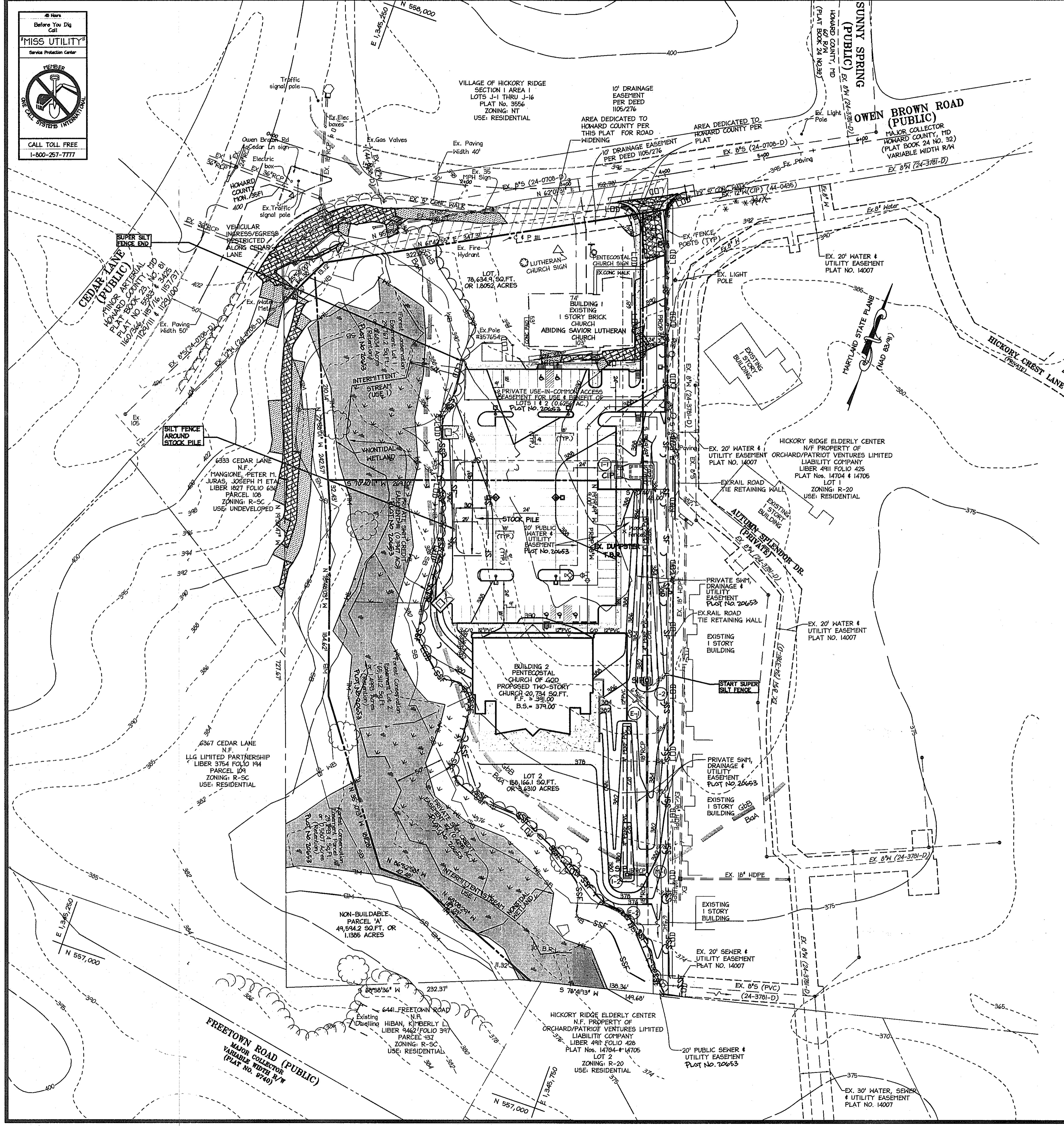
DATE: 6.2.09



MDC-693(SDP)



MISS UTILITY  
Service Protection Center  
CALL TOLL FREE  
1-800-257-7777



**BUILDING INSET**  
SCALE: 1"=10'  
NOTE: THE LIMITS OF DISTURBANCE WILL BE PROPERLY FLAGGED IN THE FIELD AND THE SUPER SILT FENCE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION PRACTICES.

**DEVELOPER'S CERTIFICATE**  
I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.

Signature of Developer: *John M. Householder* Date: 6/2/09  
Print name below signature: John M. Householder

**ENGINEER'S CERTIFICATE**  
I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Signature of Engineer: *John M. Householder* Date: 6-2-09  
Print name below signature: John M. Householder, P.E.

**REVIEWED FOR SCD AND MEETS TECHNICAL REQUIREMENTS**  
USDA-Natural Resources, Conservation Service Date: 6/11/09  
Signature: *John M. Householder* Date: 6/11/09

**SEDIMENT & EROSION CONTROL LEGEND**

- SF SILT FENCE
- SSF SUPER SILT FENCE
- L.O.D. LIMITS OF DISTURBANCE
- SIP STANDARD INLET PROTECTION
- CIP CURB INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE

**TEMPORARY TRAFFIC CONTROL TYPICAL APPLICATION**

**KEY:**  
Channelizing devices: SOIL SUPPORT, DIRECTION OF TRAFFIC, WORK SITE, ARROW PANEL, ROAD CLOSURE.

**NOTES:**  
1. SUPER SILT FENCE AND LIMIT OF DISTURBANCE ARE SHOWN OUTSIDE THE PROPERTY LINE FOR DISPLAY PURPOSE ONLY. ALL WORK WITH THE EXCEPTION OF RIGHT-OF-WAY IMPROVEMENTS IS TO BE DONE ON SITE. CONTRACTOR TO INSTALL SUPER SILT FENCE 1' INSIDE PROPERTY LINE.  
2. ALL FENCING SHALL BE INSTALLED WITH A 'J' HOOK CONFIGURATION AT APPROXIMATELY 50-FOOT INTERVALS.

**APPROVED: DEPARTMENT OF PLANNING AND ZONING**  
Chief, Division of Land Development: *John M. Householder* Date: 7/2/09  
Chief, Development Engineering Division: *John M. Householder* Date: 7/20/09  
Director, Department of Planning and Zoning: *Thomas E. Kuttler* Date: 7/24/09

**ABIDING SAVIOR LUTHERAN CHURCH & PENTECOSTAL CHURCH OF GOD**

**OWNER DEVELOPER**  
ABIDING SAVIOR LUTHERAN CHURCH 10689 OWEN BROWN ROAD COLUMBIA, MD 21044 PHONE: (410) 877-8770 FAX: (443) 531-4960 CONTACT: JEFF SHOPE  
PENTECOSTAL CHURCH OF GOD 10689 OWEN BROWN ROAD COLUMBIA, MD 21044 PHONE: (410) 772-6296 CONTACT: JOSEF OGASIO

**christopher consultants**  
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7172 columbian gateway drive (suite 100) columbia, md. 21046-2990  
410.872.8890 · metro 301.261.0148 · fax 410.872.8893

**MAINTENANCE OF TRAFFIC NOTES:**  
1. TRAFFIC CONTROL SHALL BE PROVIDED PER MD 104.03-08 FOR CONSTRUCTION OF THE PROPOSED ENTRANCE.  
2. ALL TEMPORARY TRAFFIC CONTROL DEVICES AND METHODS SHALL BE IN ACCORDANCE WITH THE 2003 MUTCD STANDARDS, MDSHA STANDARDS AND THE CITY OF COLLEGE PARK STANDARDS.

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.

DATE: 6-2-09

STATE OF MARYLAND PROFESSIONAL ENGINEER

**ADDRESS CHART**

LOT/PARCEL	STREET ADDRESS
LOT 1	10689 OWEN BROWN ROAD
LOT 2	10685 OWEN BROWN ROAD
PARCEL A	

**PERMIT INFORMATION CHART**

PROJECT NAME: ABIDING SAVIOR LUTHERAN CHURCH PENTECOSTAL CHURCH OF GOD	LOT/PARCEL NO. LOTS 1, 2 & PAR. A	CENSUS TRACT 6026.02
PLAT NO. 0463-220653	GRID NO. ZONE 18 R-SC	TAX MAP 35
WATER CODE 500	SEWER CODE 5326200	ELECTION DISTRICT 05

**TITLE:**  
SEDIMENT AND EROSION CONTROL PLAN

DESIGN: AJK	SCALE: 1" = 50'	PROJECT: 06-692.00
DRAWN: AJK	DATE: JUNE 2009	
CHECKED: JPH	APPROVED: JPH	5 OF 12

MDC-693 (SDP)



19.0 Standards and Specifications For Land Grading

Definitions

Reshaping of the existing land surface in accordance with a plan as determined by engineering survey and layout.

Purpose

The purpose of a land grading specification is to provide for erosion control and vegetative establishment on those areas where the existing land surface is to be reshaped by grading according to plan.

Design Criteria

The grading plan should be based upon the incorporation of building designs and street layouts that fit and utilize existing topography and desirable natural surrounding to avoid extreme grade modifications.

Many countries have regulations and design procedures already established for land grading and cut and fill slopes. Where these requirements exist, they should be followed.

1. Provisions shall be made to safely conduct surface runoff to storm drains, protected outlets or to stable water courses to insure that surface runoff will not damage slopes or other graded areas.

2. Cut and fill slopes that are to be stabilized with grasses shall not be steeper than 2:1. (Where the slope is to be mowed the slope should be no steeper than 3:1. 4:1 is preferred because of safety factors related to mowing steep slopes.

3. Reverse benches shall be provided whenever the vertical interval (height) of any 2:1 slope exceeds 20 feet; for 3:1 slopes it shall be increased to 30 feet and for 4:1 to 40 feet. Benches shall be located to divide the slopes face as equally as possible and shall convey the water to a stable outlet.

4. Surface water shall be diverted from the face of all cut and/or fill slopes by the use of earth ditches, ditches or swales or conveyed downslope by the use of a designated structure, except where:

- a. The face of the slope is or shall be stabilized and the face of all graded slopes shall be protected for surface runoff until they are stabilized.
b. The face of the slope shall not be subjected to any concentrated flows of surface water such as from natural drainways, graded swales, downspouts, etc.
c. The face of the slope will be protected by special erosion control materials, to include, but not limited to: approved vegetative stabilization practices (see section G), rip-rap or other approved stabilization methods.

5. Cut slopes occurring in ripable rock shall be serrated as shown on the following diagram. These serrations shall be made with conventional equipment as the excavation is made.

6. Surface drainage shall be provided where necessary to intercept seepage that would otherwise adversely affect slope stability or create excessively wet site conditions.

7. Slopes shall not be created close to property lines as the endanger adjoining properties without adequately protecting such properties against sediment, erosion, slippage, settlement, subsidence or other related damages.

8. Fill material shall be free of brush, rubbish, rocks, logs, stumps, building debris, and other objectionable material.

9. Stockpiles, borrow areas and spoil shall be shown on the plans and shall be subjected to the provisions of the Standard and Specifications.

All disturbed areas shall be stabilized structurally or vegetatively in compliance with 20.0 Standards and Specifications for Vegetative Stabilization.

21.0 Standard and Specifications For Topsoil

Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation.

Purpose To provide a suitable soil medium for vegetative growth. Soil of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil gradation.

Conditions Where Practice Applies This practice is limited to areas having 2:1 or flatter slopes where:

- a. The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
b. The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.
c. The original soil to be vegetated contains materials toxic to plant growth.
d. The soil is so acidic that treatment with limestone is not feasible.

For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization shown on the plans.

Construction and Material Specifications

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 Experiment Station.

Topsoil Specifications - Soil to be used as topsoil must meet the following:

- i. 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.
ii. Topsoil must be free of plants or plant parts such as bermuda grass, quackgrass, Johnsongrass, nutedge, poison ivy, thistle, or other as specified.
iii. Where the subsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread to the rate of 4-8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil.

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.

For sites having disturbed areas over 5 acres: On soil meeting Topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following.

- a. pH for topsoil shall be between 6.0 and 7.5. If tested soil demonstrates a pH of less than 6.0, sufficient lime shall be prescribed to raise pH to 6.5 or higher.
b. Organic content of topsoil shall be not less than 1.5 percent by weight.
c. Topsoil having soluble salt content greater than 500 parts per million shall not be used.
d. No sod or seed shall be placed on soil which has been treated with soil sterilants or chemicals used for weed control until sufficient time has elapsed (14 day min.) to permit dissipation of phytotoxic materials.

Note: Topsoil substitutes or amendments as recommended by a qualified agronomist or soil scientist approved by the appropriate approval authority, may be used in lieu of natural topsoil.

Place topsoil (if required) and apply soil amendments as specified on 20.0 Vegetative Stabilization - Section 1 - Vegetative Stabilization Methods and Materials.

When topsoiling, maintain needed erosion and sediment control practices such as diversions, Grade Stabilization Structures, Earth Dikes, Slope Silt Fences and Sediment Traps and Basins.

Grades in 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.

Alternative for Permanent Seeding - Instead of applying the full amounts of lime and commercial fertilizer, composted sludge and amendments may be applied as specified below:

Composted Sludge Materials for use as a soil conditioner for sites having disturbed areas over 5 acres shall be tested to prescribe amendments and for sites having disturbed areas under 5 acres shall conform to the following requirements:

- a. Composted sludge shall be supplied by, or originated from, a person or persons that are permitted (at the time of acquisition of the compost) by the Maryland Department of the Environment under COMAR 26.04.06.
b. Composted sludge shall contain at least 1 percent nitrogen, 1.5 percent phosphorus, and 0.2 percent potassium and have a pH of 7.0 to 8.0.
c. Composted sludge shall be applied at a rate of 1 ton/1,000 square feet.

Composted sludge shall be amended with a potassium fertilizer applied at the rate of 4 lb/1,000 square feet, and 1/3 the normal lime application rate.

References: Guideline Specifications, Soil Preparation and Sodding, MD-VA, Pub #1, Cooperative Extension Service, University of Maryland and Virginia Polytechnic Institutes. Revised 1975.

30.0 Dust Control

Controlling dust blowing and movement on construction sites and roads.

Purpose To prevent blowing and movement of dust from exposed soil surfaces, reduce on and off-site damage, health hazards, and improve traffic safety.

Conditions Where Practice Applies This practice is applicable to areas subject to dust blowing and movement when in and off-site damage is likely without treatment.

Specifications Temporary Methods 1. Mulches - See standards for vegetative stabilization with mulches only. Mulch should be crimped or tacked to prevent blowing.

- 2. Vegetative Cover - See standards for temporary vegetative cover.
3. Tillage - To roughen surface and bring clods to the surface. This is an emergency measure which is used before soil blowing starts.
4. Irrigation - This is generally done as an emergency treatment.
5. Barriers - Solid board fences, silt fences, snow fences, burlap fences, straw bales, and similar materials can be used to control air currents and soil blowing.
6. Calcium Chloride - Apply at rates that will keep surface moist.

Permanent Methods 1. Permanent Vegetation - See standards for permanent vegetative cover, and permanent stabilization with sod.
2. Topsoil - Covering with less erosive materials.
3. Stone - Cover surface with crushed stone or coarse gravel.

- 1. Agriculture Handbook 346. Wind Erosion Forces in the United States and Their Use in Predicting Soil Loss.
2. Agriculture Information Bulletin 354. How to Control Wind Erosion, USDA - ARS.

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seeded 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. Preferred--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.

2. Acceptable--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 Kentucky 31 Tall Fescue per acre and 2 lbs/acre (.05 lbs/1000 sq. ft.) of weeping lovegrass. During the period of October 16 -- February 28, protect site by: Option 1 -- Two tons per acre of well anchored straw mulch and seed as soon as possible in the spring.

Option 2 -- Use sod. Option 3 -- Seed with 60 lbs/acre Kentucky 30 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching -- Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of unrattled 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.

Maintenance -- Inspect all seeding areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be re-disturbed where a short-term vegetative cover is needed.

Seeded 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 (3.2 lbs/1000 sq. ft.).

Mulching: -- Apply 1-1/2 to 2 tons/acre (70 to 90 lbs/1000 sq. ft.) of unrattled weed-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.

Refer to the 1994 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL for additional rates and methods not covered.

DEVELOPER'S CERTIFICATE

I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment approved Training Program for the Control of Sediment and Erosion before beginning the project.

Signature of Developer: Jose L. Ocasio Date: 6/2/09

ENGINEER'S CERTIFICATE

I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Signature of Engineer: John M. Householder, P.E. Date: 6.2.09

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

USDA-Natural Resources, Conservation Service Date: 6/2/09

This development plan complies with soil erosion and sediment control provisions of the HOWARD SOIL CONSERVATION DISTRICT. Howard SCD Date: 6/2/09

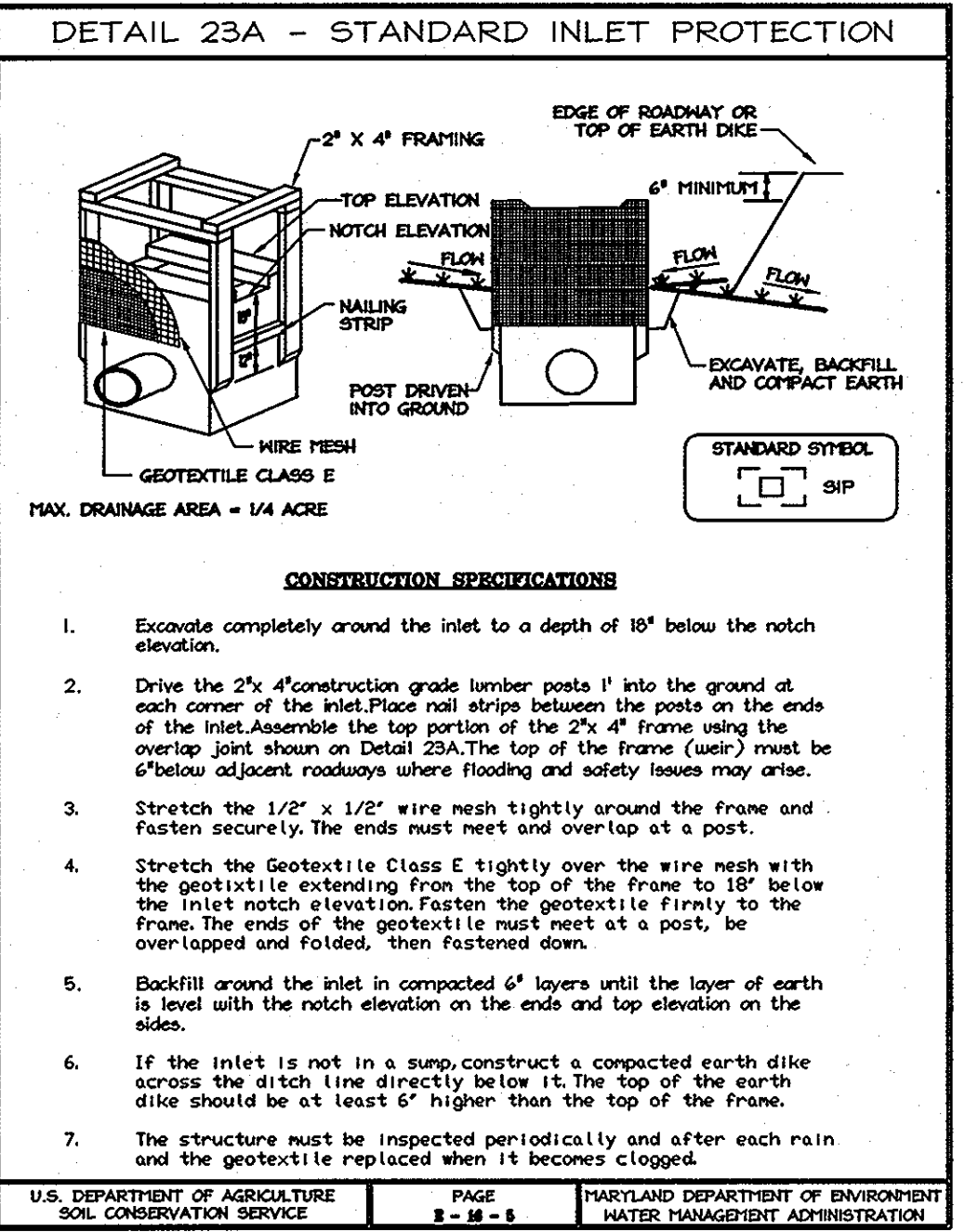
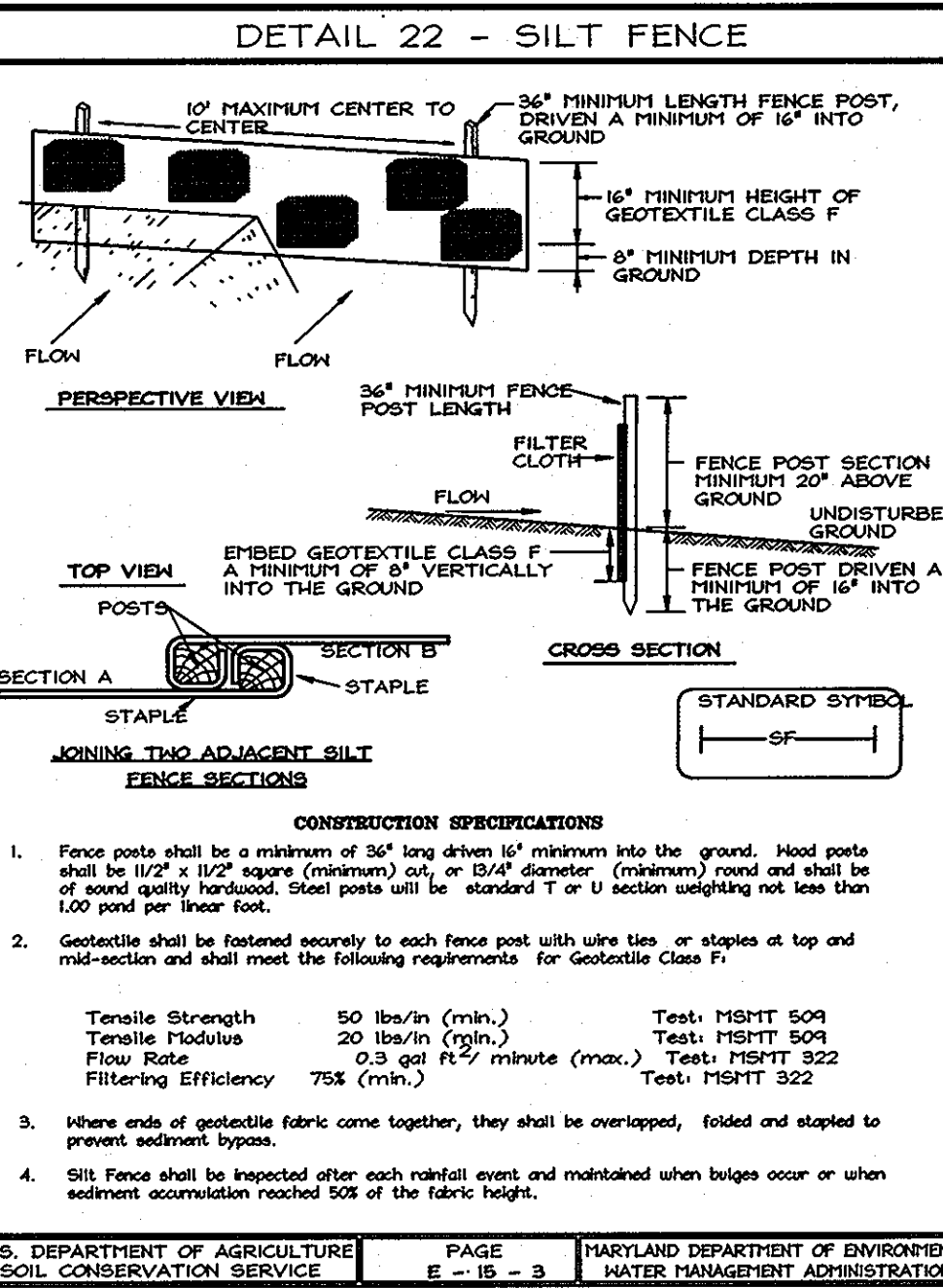
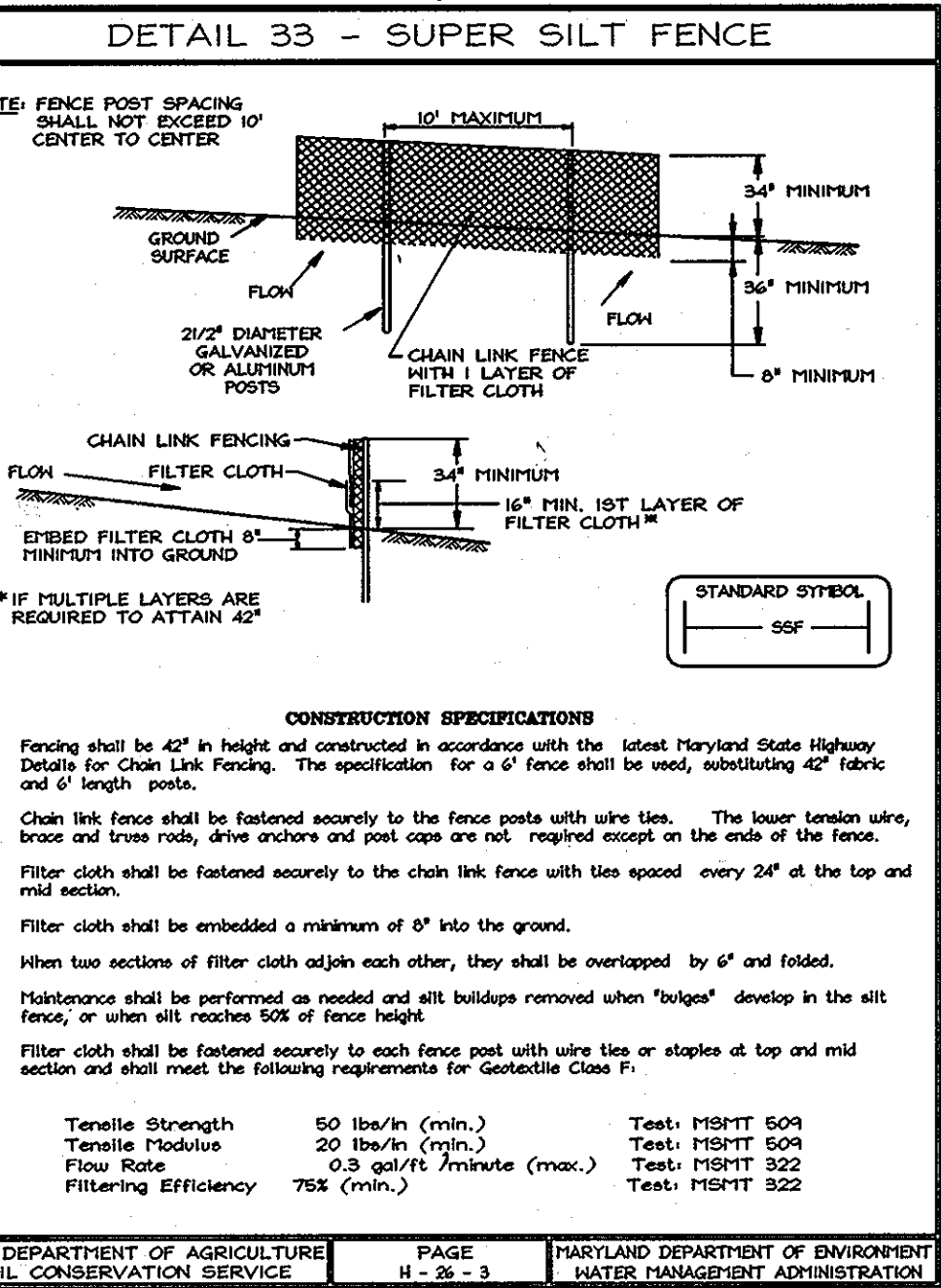
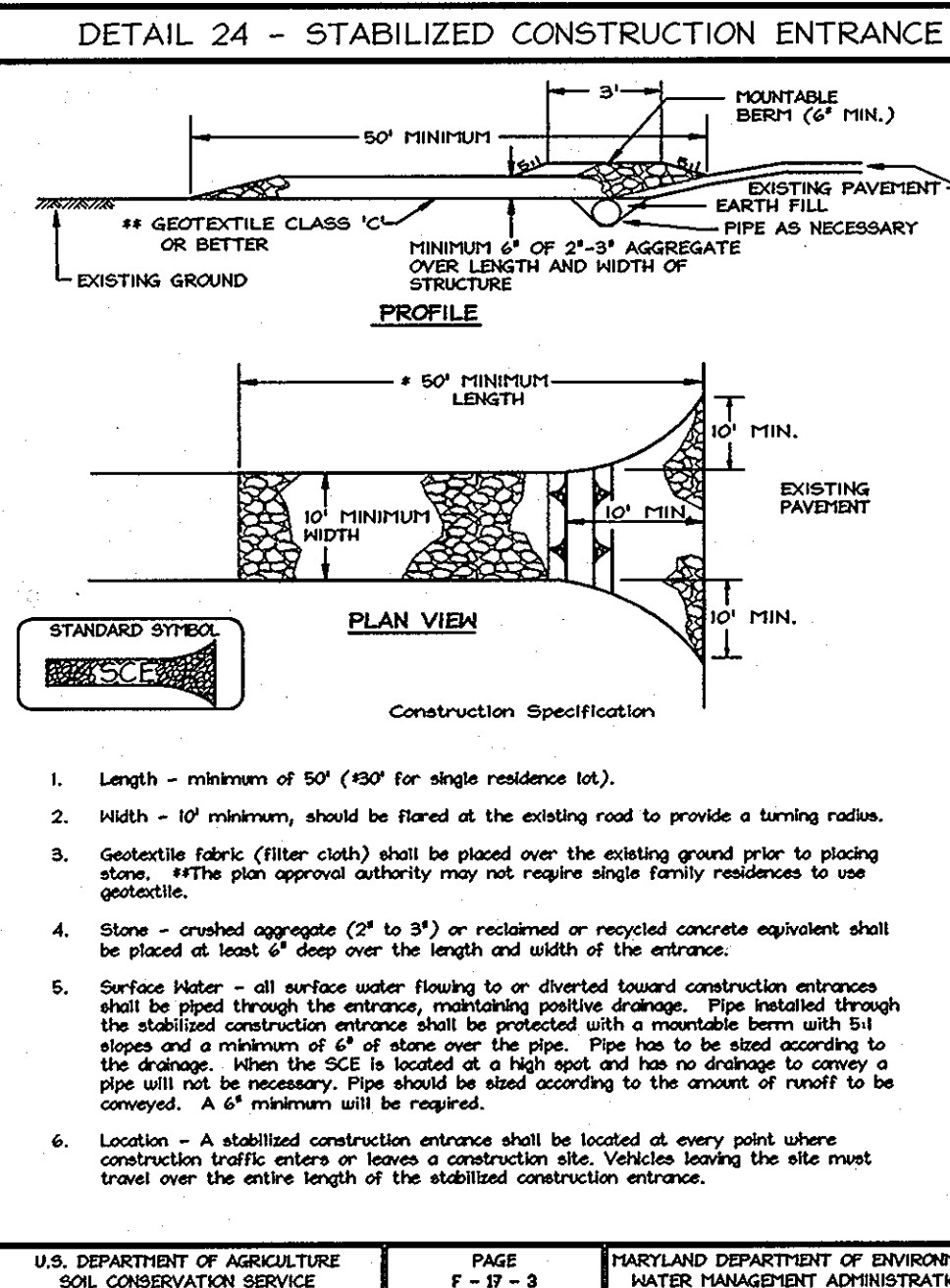


Table with 4 columns: U.S. DEPARTMENT OF AGRICULTURE, PAGE, MARYLAND DEPARTMENT OF ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION.

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SEQUENCE OF CONSTRUCTION. 1. The contractor is responsible for obtaining all required permits prior to commencing any land disturbance activities. (1 day)
2. An on-site preconstruction meeting shall be conducted with the contractor and the Howard County Inspector at least 48 hours prior to the start of construction.
3. Install the perimeter sediment control devices including silt fence, super silt fence and the stabilized construction entrance (2 days)
4. Remove the existing structures, and other site features which are located within the limit of disturbance.
5. Begin site grading (20 days)
6. Begin installation of storm drain, water and sewer and all other underground utility lines. (15 days)
7. Provide inlet protection as soon as inlets 1-1, 1-2 and 1-3 are constructed. (2 days)
8. Begin site curb & gutter, parking lot, and entrance construction from Owen Brown Road. (25 days)
9. Begin building construction. (60 days)
10. Base pave and install the remainder of the driveway entrance and associated sidewalks. (5 days)
11. Install all light poles, traffic signs, and landscaping. Complete all other onsite improvements. (15 Days)
12. Stabilize all remaining disturbed areas per the permanent seeding notes. (3 days)
13. With the permission of the sediment control inspector remove any remaining sediment control devices. (3 days)
Total Construction Time: 257 Days

Table with 4 columns: U.S. DEPARTMENT OF AGRICULTURE, PAGE, MARYLAND DEPARTMENT OF ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION.

HOWARD COUNTY SOIL CONSERVATION DISTRICT

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 (410-313-1855).

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 most current 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: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater 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 12 of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.

5. All disturbed areas must be stabilized within the time period specific above in accordance with the 1995 MARYLAND STANDARD AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding (Sec. 51), sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Section 52). Temporary stabilization with mulch along can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.

6. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained by the Howard County Sediment Control Inspector.

7. Site Analysis: Total Area of Site 6.5747 Acres, Area Disturbed 2.71 Acres, Area to be roofed or paved 1.61 Acres, Area to be vegetatively stabilized 1.10 Acres, Total Cut 7684 Cu. Yds., Total Fill 500 Cu. Yds., Offsite waste/borrow area location: N/A

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 site with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon 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 is limited to three pipe lengths or that which shall be back-filled and stabilized any construction as shown on these plans by the end of each work day, whichever is shorter.

APPROVED DEPARTMENT OF PLANNING AND ZONING

Signature of Chief, Division of Land Development: Date: 7/23/09
Signature of Chief, Development Engineering Division: Date: 7/20/09
Signature of Director, Department of Planning and Zoning: Date: 7/21/09

ABIDING SAVIOR LUTHERAN CHURCH & PENTECOSTAL CHURCH OF GOD

OWNER: ABIDING SAVIOR LUTHERAN CHURCH, 10699 OWEN BROWN ROAD, COLUMBIA, MD 21044
DEVELOPER: PENTECOSTAL CHURCH OF GOD, 10699 OWEN BROWN ROAD, COLUMBIA, MD 21044

christopher consultants engineering · surveying · land planning

ADDRESS CHART

LOT 1: 10699 OWEN BROWN ROAD
LOT 2: 10685 OWEN BROWN ROAD
PARCEL A

PERMIT INFORMATION CHART

PROJECT NAME: ABIDING SAVIOR LUTHERAN CHURCH PENTECOSTAL CHURCH OF GOD
LOT/PARCEL NO.: LOTS 1, 2 & PAR. A
CENSUS TRACT: 6026.02

PLAT NO.: 20092120453
GRID NO.: 18
ZONE: R-SC
TAX MAP: 35
ELECTION DISTRICT: 05
WATER CODE: 500
SEWER CODE: 5326200

TITLE: EROSION AND SEDIMENT CONTROL NOTES & DETAILS

DESIGN: AJK SCALE: NONE PROJECT: 064302.00
DRAIN: AJK DATE: JUNE 2009
CHECKED: JWH APPROVED: JWH

6 OF 12

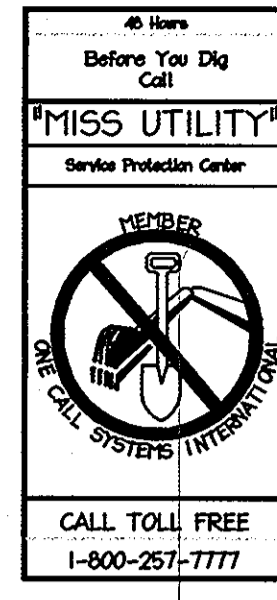
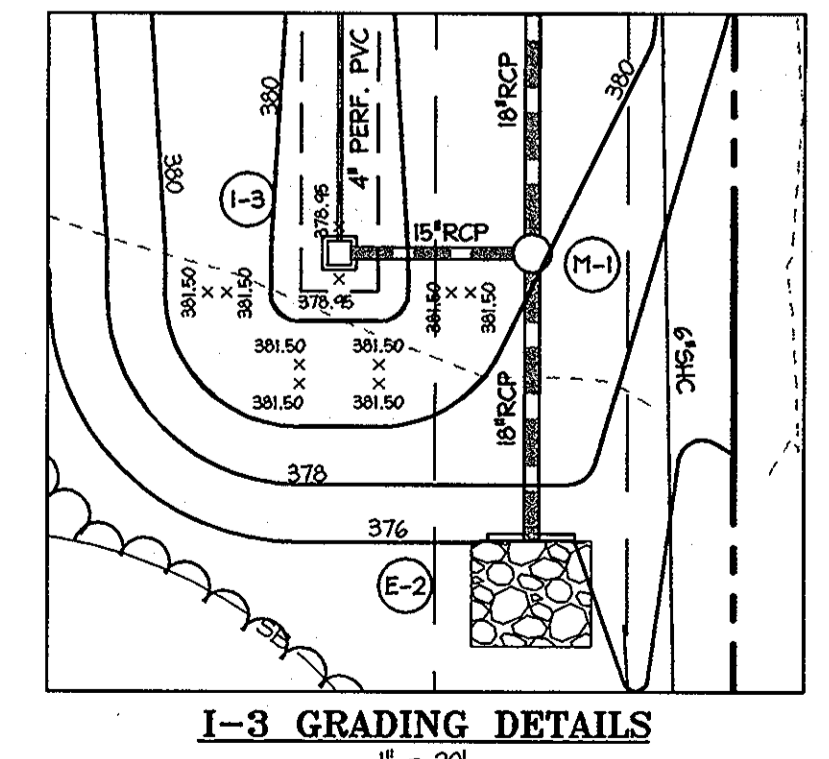
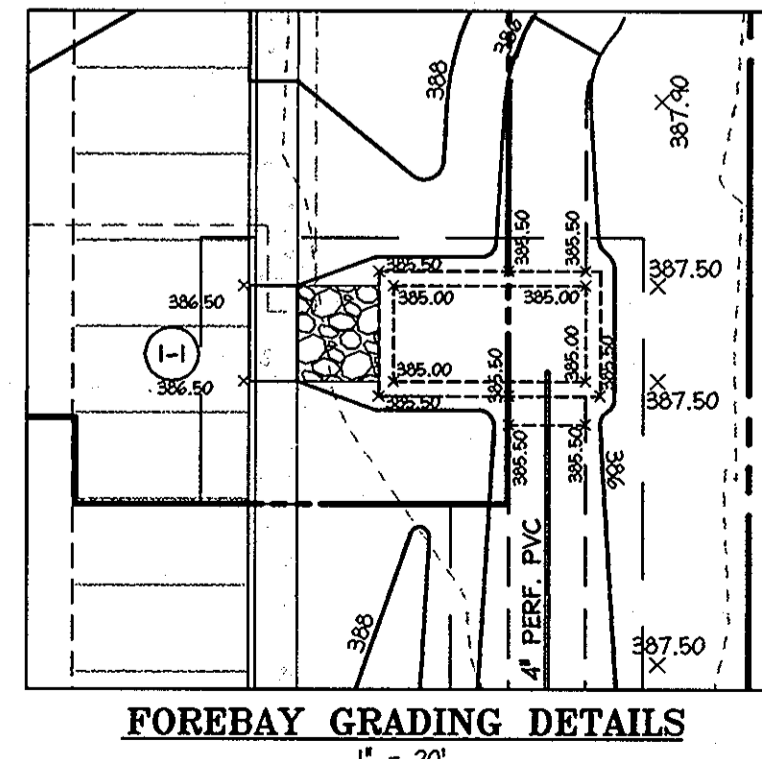
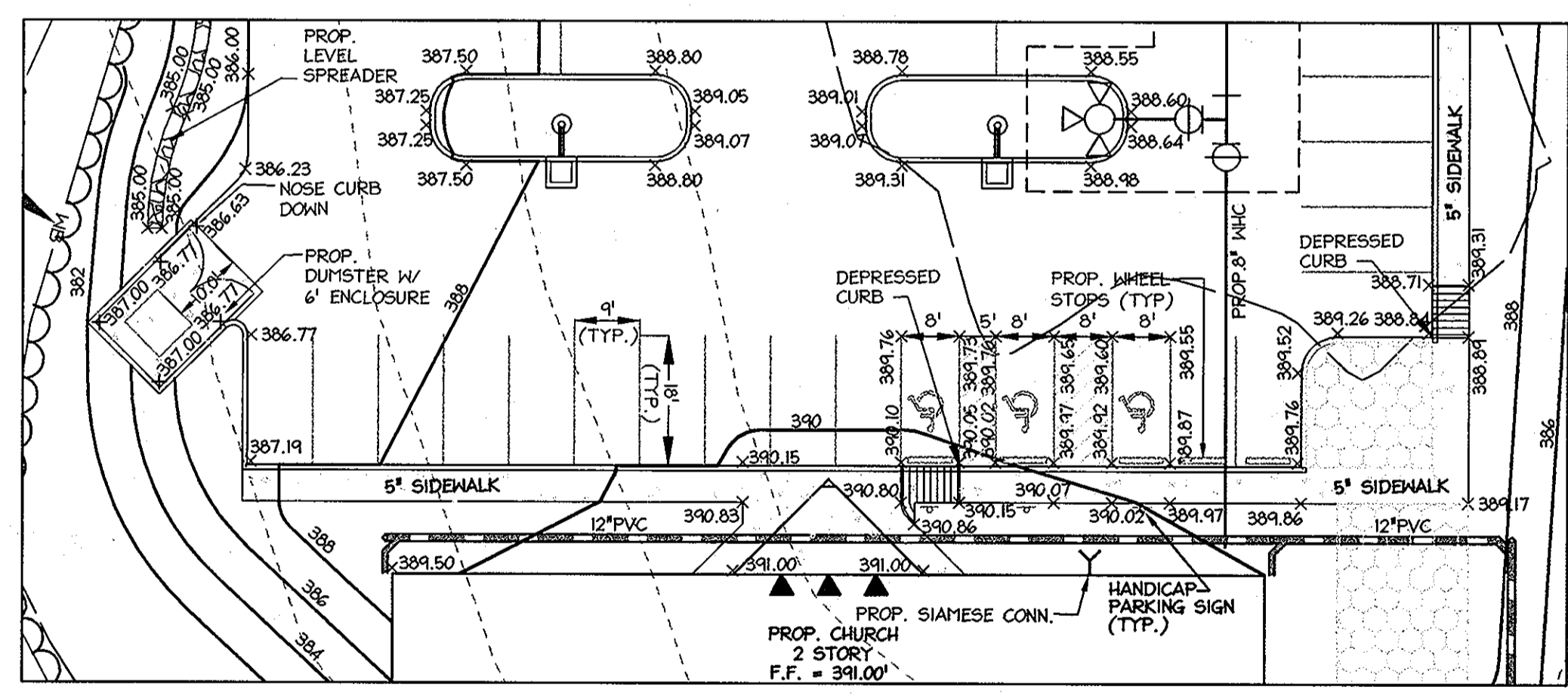
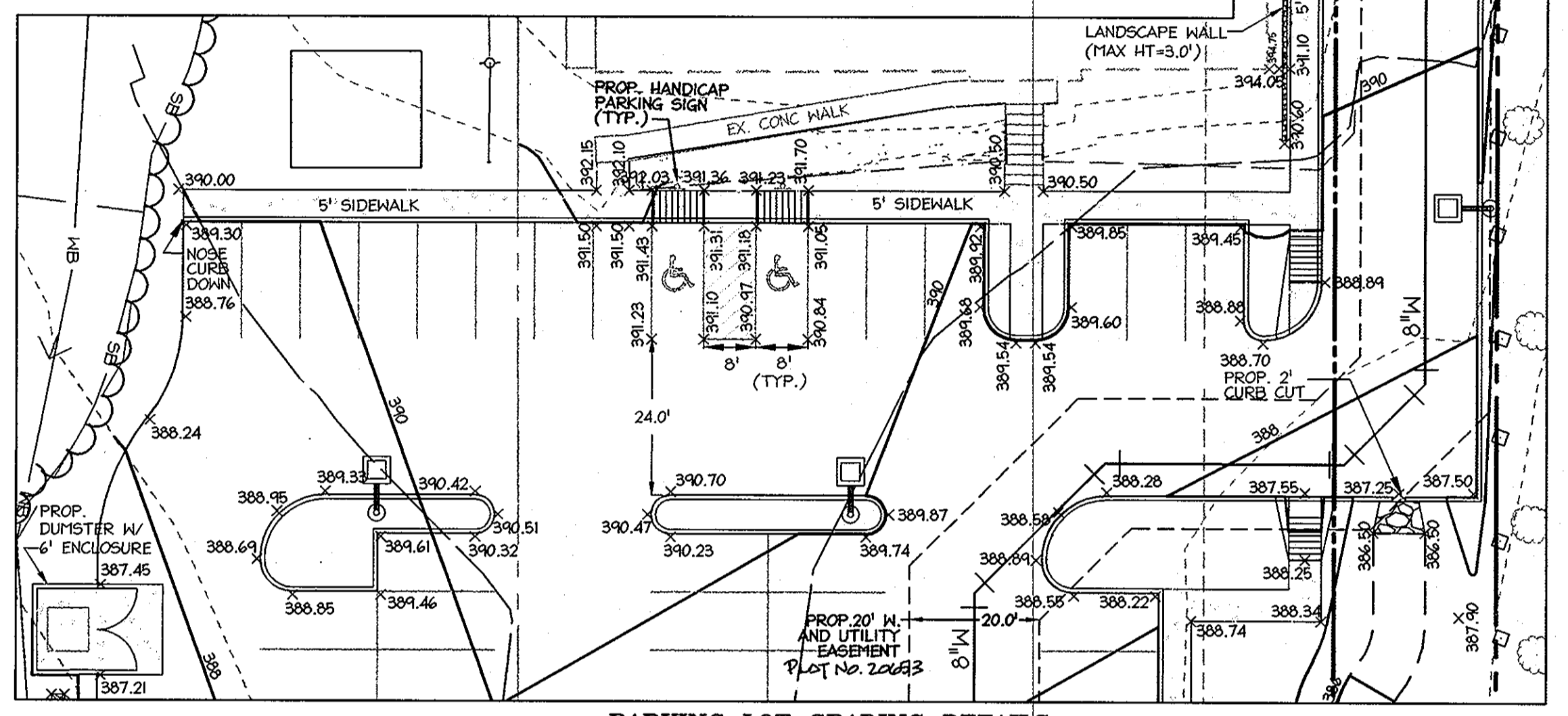
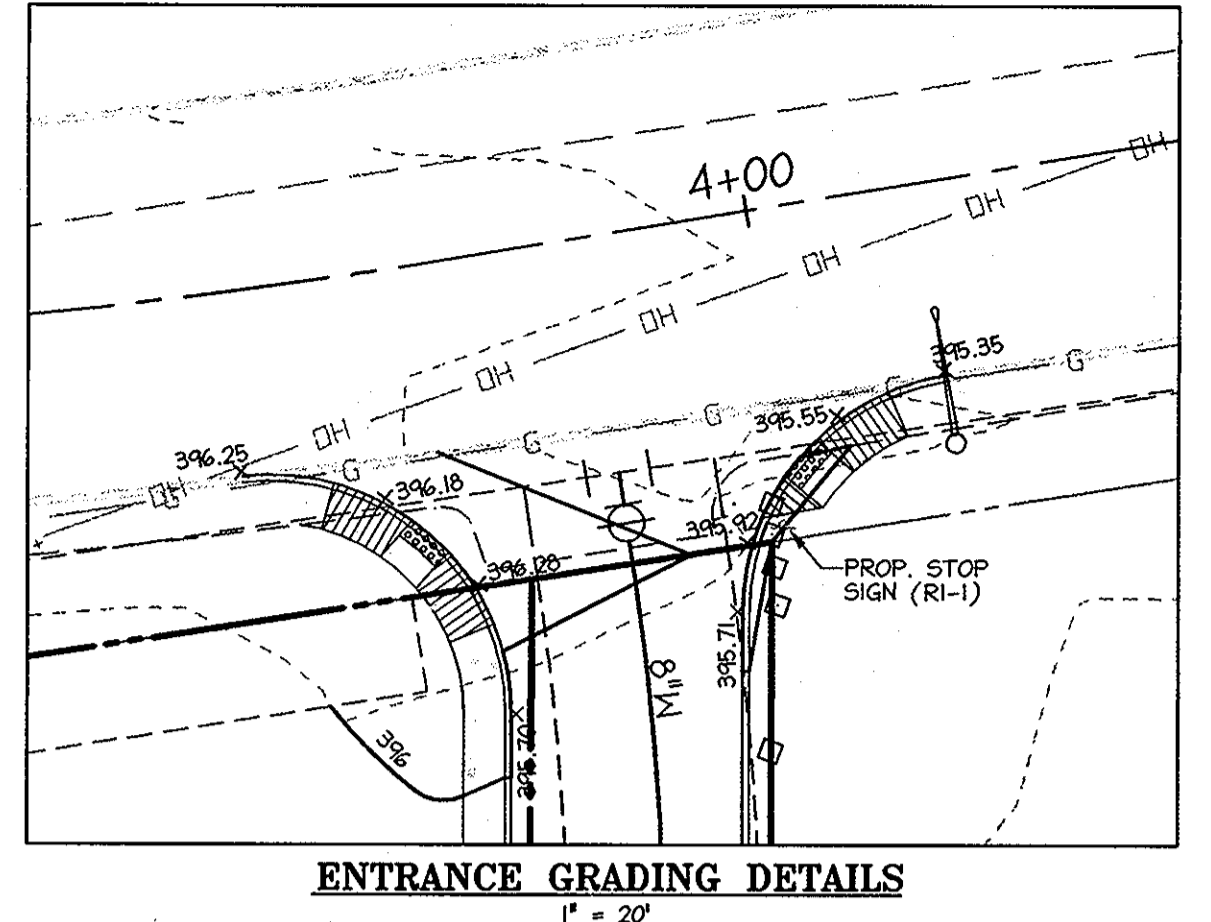
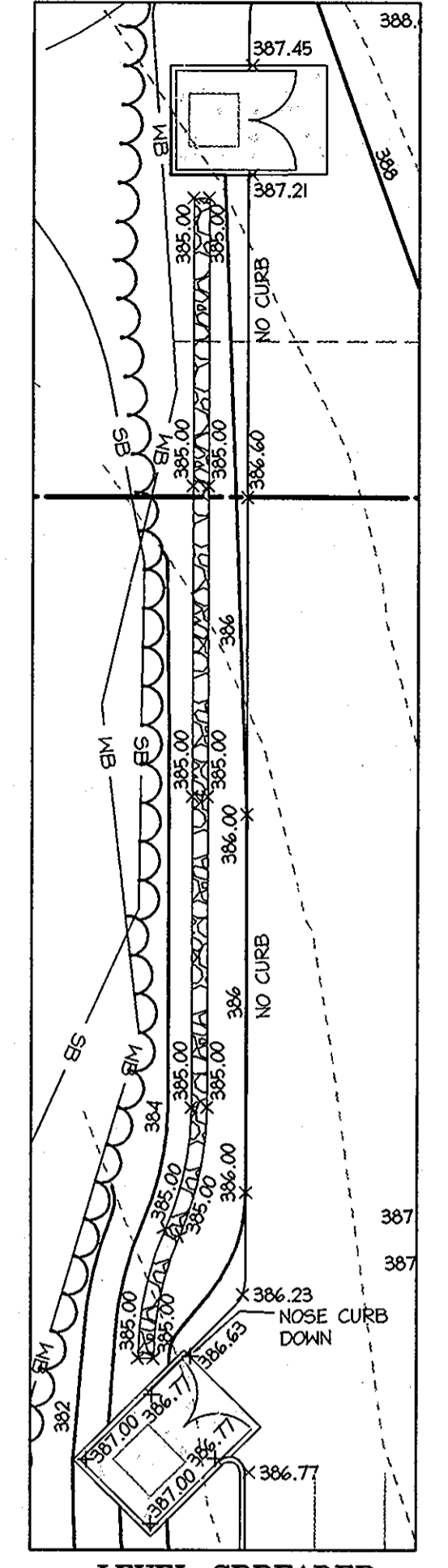
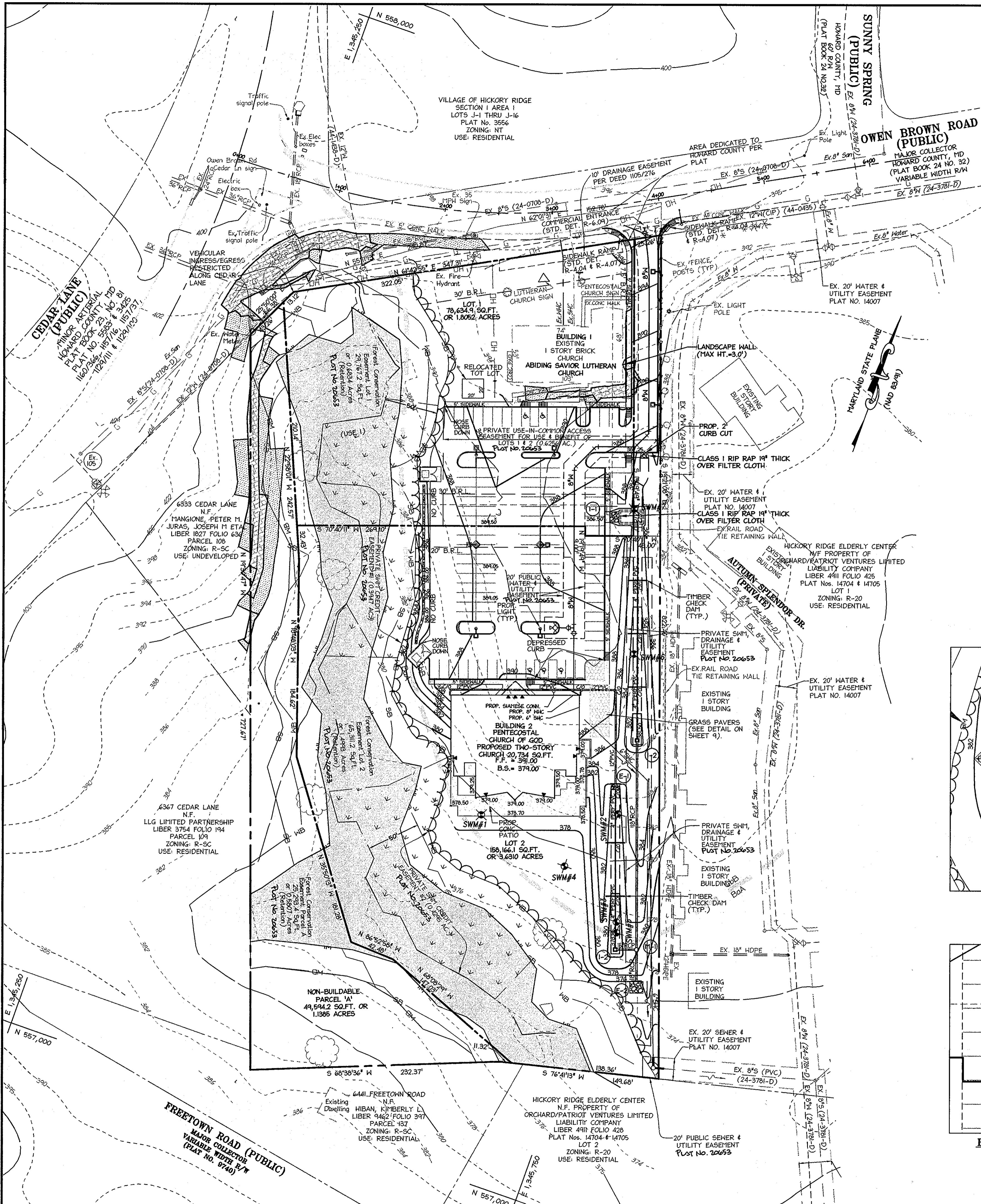
Project information and permit details including address, permit information, title, and design/drain/checked/approved fields.

MDC-693(SDP)









APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*Chad Hanna* 7/2/09  
 Chief, Division of Land Development Date  
*William S. Sullivan* 7/2/09  
 Chief, Development Engineering Division Date  
*Thomas S. Sullivan* 7/2/09  
 Director, Department of Planning and Zoning Date

**ABIDING SAVIOR LUTHERAN CHURCH & PENTECOSTAL CHURCH OF GOD**

OWNER	DEVELOPER
ABIDING SAVIOR LUTHERAN CHURCH 10689 OWEN BROWN ROAD COLUMBIA, MD 21044 PHONE: (410) 997-8770 FAX: (410) 538-4960 CONTACT: JEFF SHOPE	PENTECOSTAL CHURCH OF GOD 10689 OWEN BROWN ROAD COLUMBIA, MD 21044 PHONE: (410) 772-6396 CONTACT: JOSE OCASIO

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 410.872.8880 · metro 301.881.8148 · fax 410.872.8888

LOT/PARCEL	STREET ADDRESS
LOT 1	10689 OWEN BROWN ROAD
LOT 2	10685 OWEN BROWN ROAD
PARCEL A	

PERMIT INFORMATION CHART

PROJECT NAME:	LOT/PARCEL NO.	CENSUS TRACT
ABIDING SAVIOR LUTHERAN CHURCH & PENTECOSTAL CHURCH OF GOD	LOTS 1, 2 & PAR. A	6026.02

PLAT NO.	GRID NO.	ZONE	TAX MAP	ELECTION DISTRICT
24252-120653	18	R-SC	35	05

WATER CODE	SEWER CODE
500	5326200

TITLE: **GRADING AND UTILITY PLAN**

DESIGN:	SCALE:	PROJECT:
AJK	AS SHOWN	06-1302.00

DRAWN:	DATE:
AJK	JUNE 2009

CHECKED:	APPROVED:
JMH	JMH

8 of 12

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.

6.209  
 DATE

STATE OF MARYLAND  
 JOHN W. HOUSEHOLDER  
 PROFESSIONAL ENGINEER

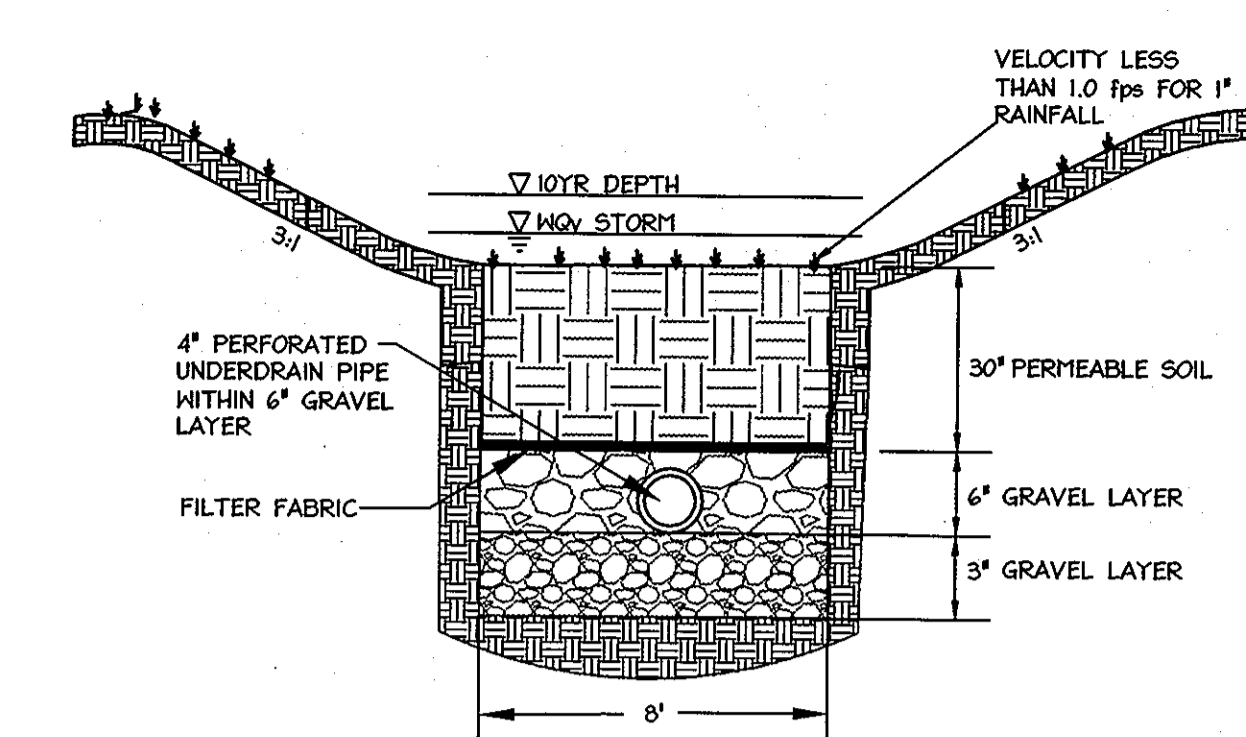
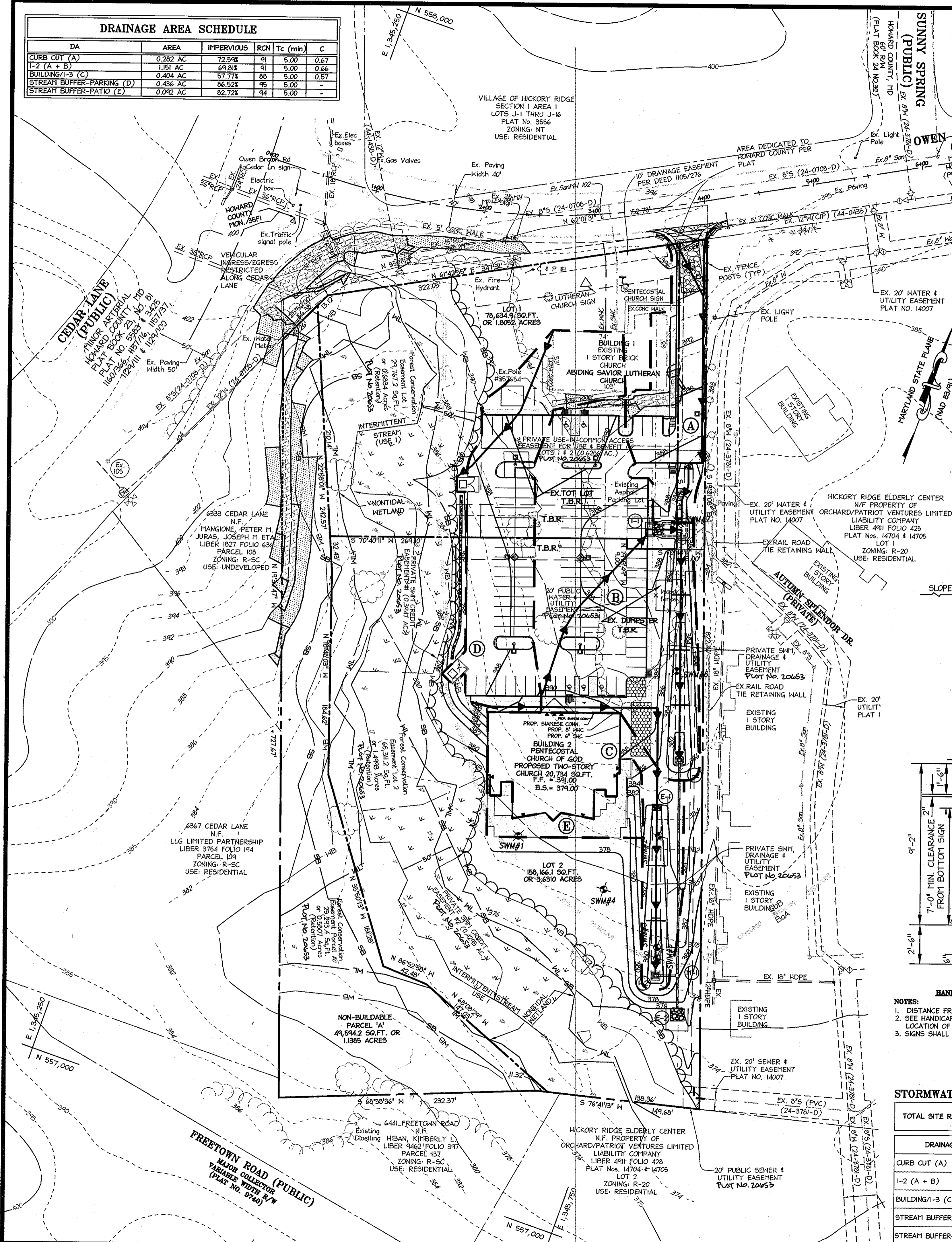
MDC-693(SDP)



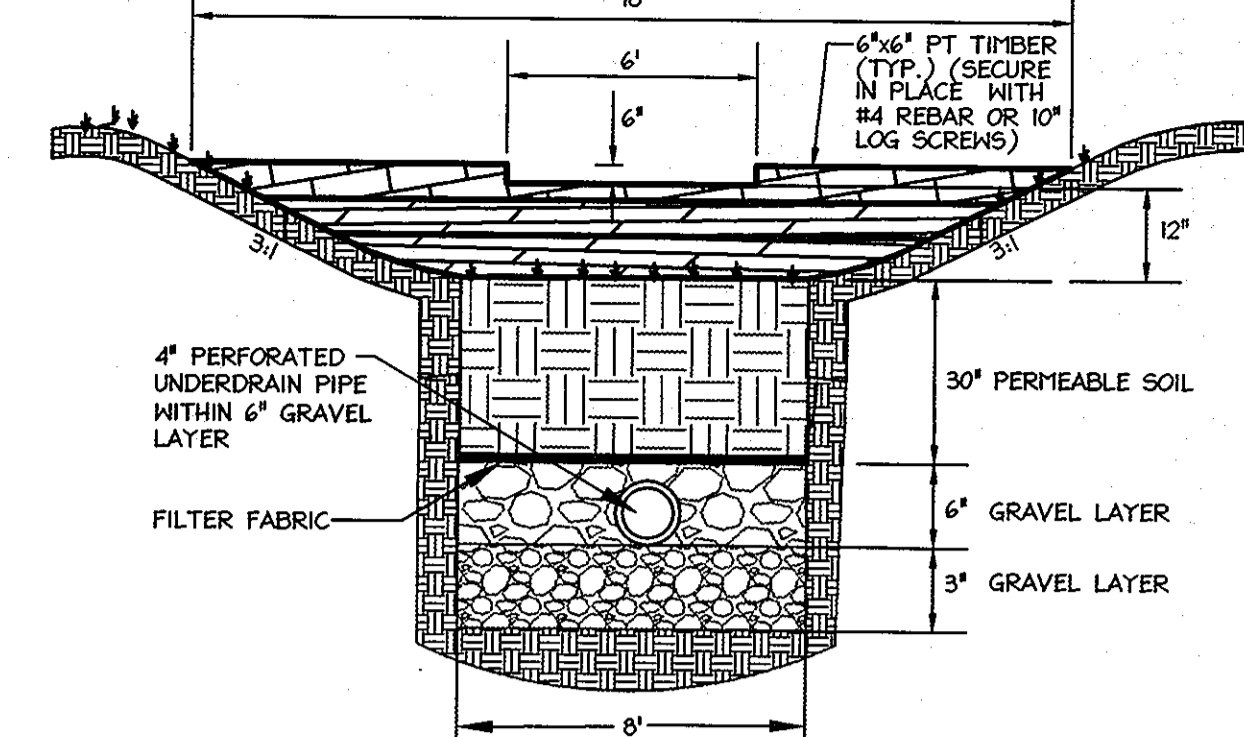




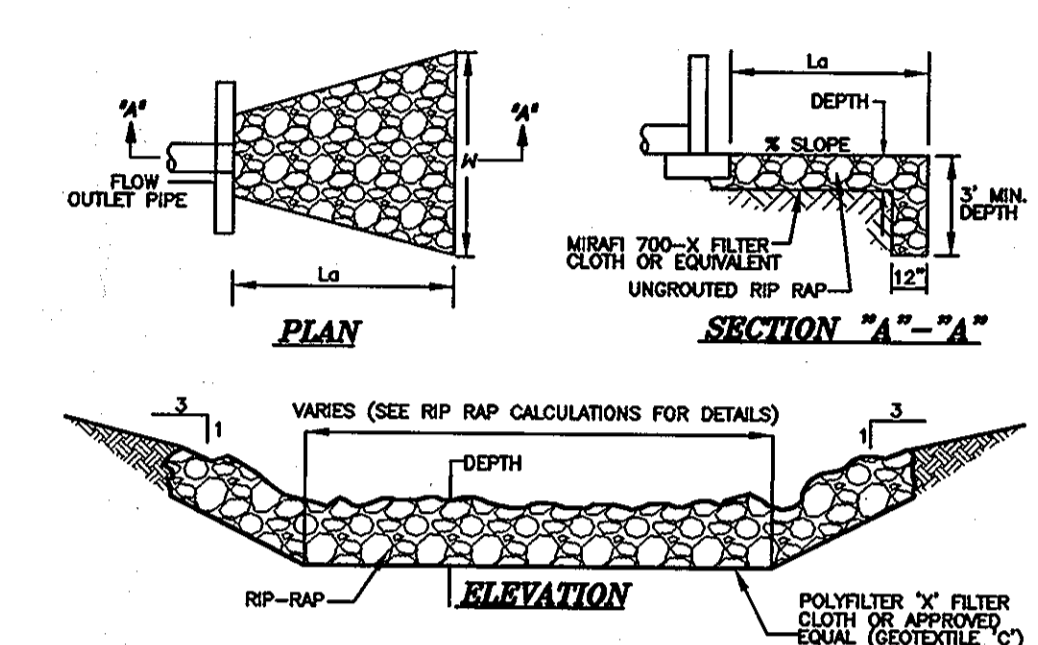
DA	AREA	IMPERVIOUS	RCN	Tc (min)	C
CURB CUT (A)	0.282 AC	72.5%	41	5.00	0.67
1-2 (A + B)	1.151 AC	63.8%	31	5.00	0.66
BUILDING 1-3 (C)	0.404 AC	57.7%	88	5.00	0.57
STREAM BUFFER-PARKING (D)	0.436 AC	86.52%	95	5.00	-
STREAM BUFFER-PATIO (E)	0.092 AC	82.72%	94	5.00	-



**WATER QUALITY DRY SWALE**  
N.T.S.

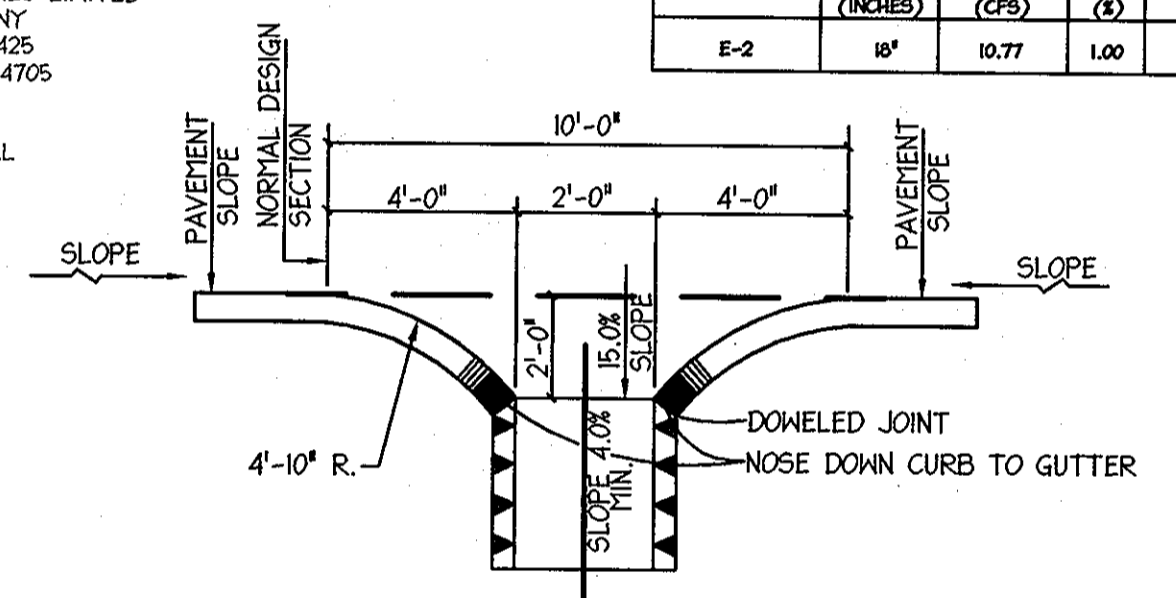


**WATER QUALITY DRY SWALE  
W/ TIMBER CHECK DAMS**  
N.T.S.

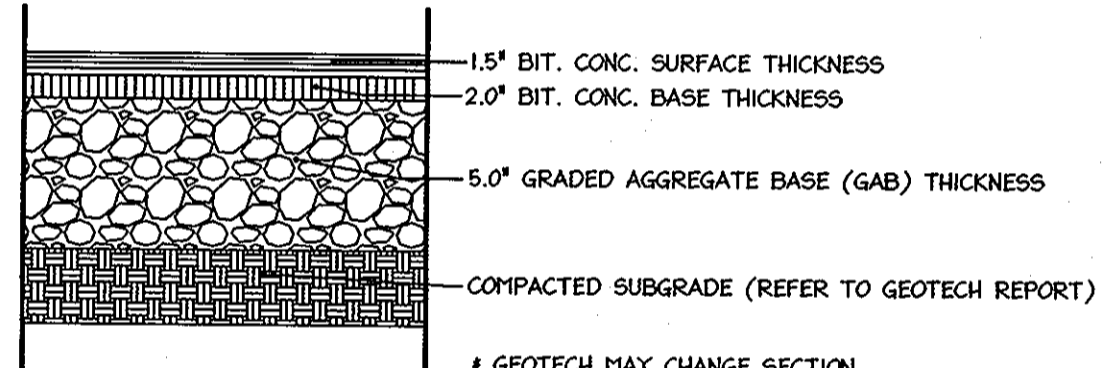


**RIP RAP**  
N.T.S.

STRUCTURE NO.	PIPE DIAMETER (INCHES)	DISCHARGE (CFS)	PIPE VELOCITY (FT/S)	10-YR PIPE SLOPE (FT/S)	RIPRAP SLOPE (FT/S)	10-YR DOWNSTREAM SLOPE OF RIPRAP VELOCITY (FT/S)	RIPRAP CLASS	DEPTH	WIDTH
E-2	18"	10.77	1.00	6.76	0.00	1.56	Class 1	9.0'	11'

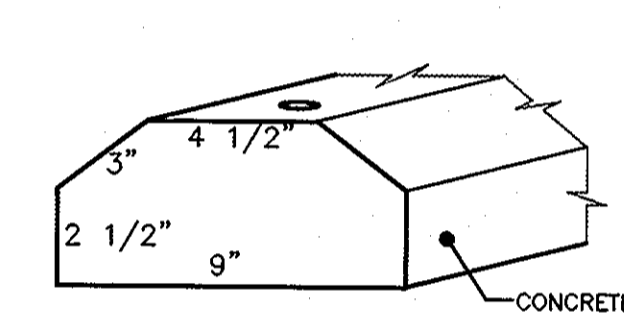


**STANDARD CURB OPENING DETAIL**  
N.T.S.



**PAVING SECTION**  
STD PAVING (P-1)

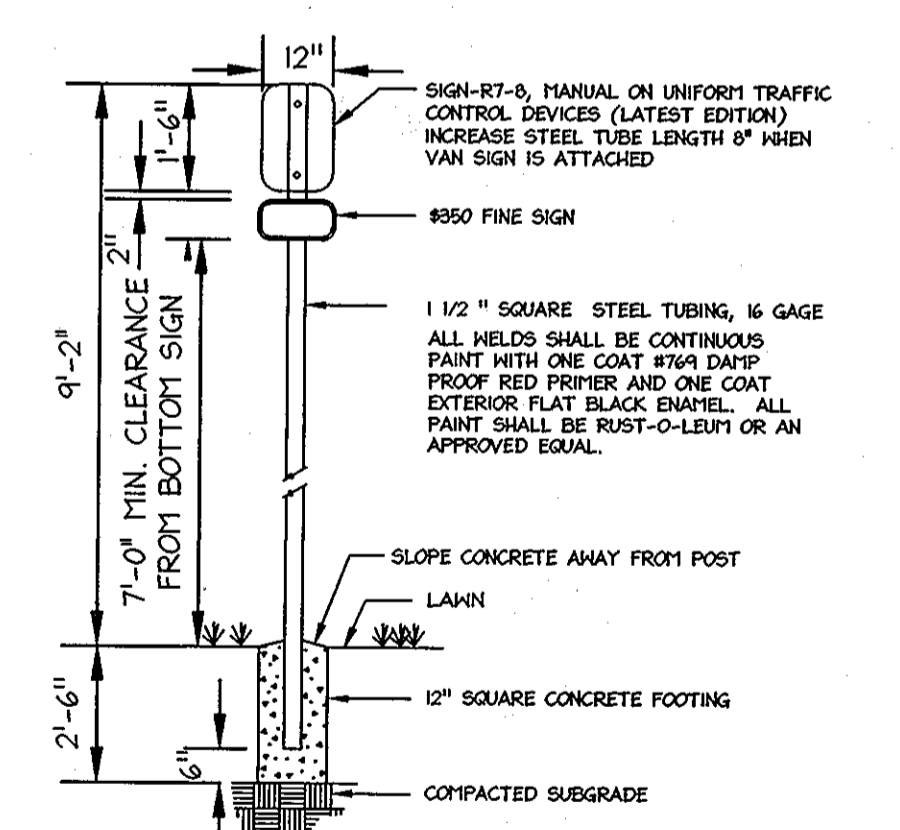
**LEVEL SPREADER DETAIL**  
NOT TO SCALE



**WHEELSTOP DETAIL**  
N.T.S.

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 Chief, Division of Land Development  
 Chief, Development Engineering Division  
 Director, Department of Planning and Zoning

Before You Dig  
 Call MISS UTILITY  
 Service Protection Center  
 CALL TOLL FREE 1-800-257-7171

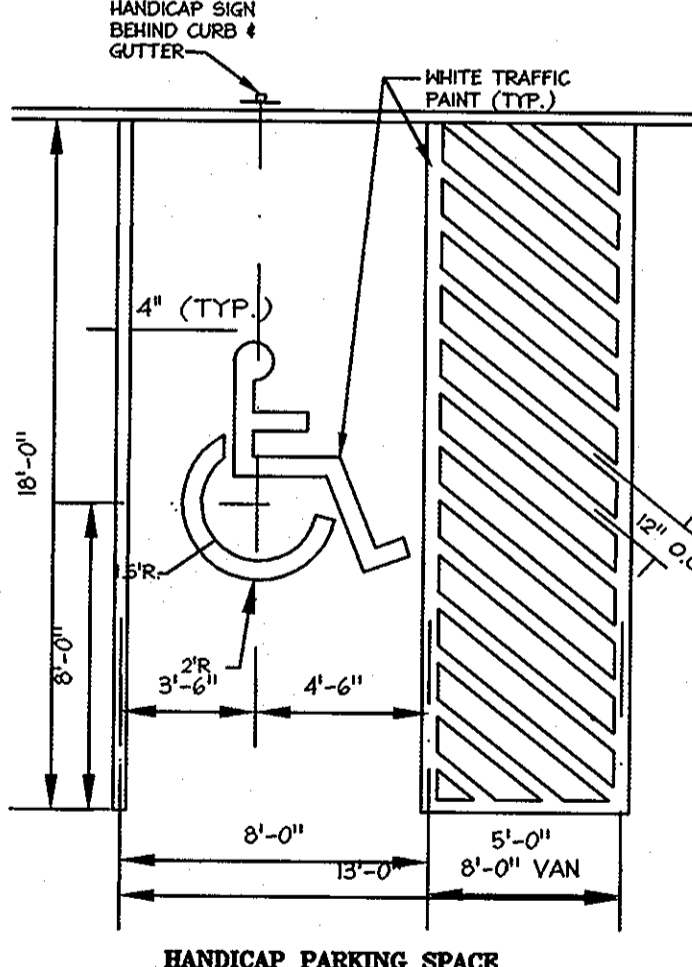


**NOTES:**  
 1. DISTANCE FROM GROUND TO BOTTOM OF SIGN SHALL BE 7".  
 2. SEE HANDICAPPED PARKING SPACE DETAIL THIS SHEET FOR LOCATION OF HANDICAP SIGN.  
 3. SIGNS SHALL CONFORM TO CURRENT ADA CRITERIA.



**SIGN COLORS:**  
 LETTERS AND BORDER - GREEN WHITE  
 H.C. SYMBOLS - WHITE  
 H.C. SYMBOLS - WHITE  
 BACKGROUND - BLUE  
 BACKGROUND - WHITE

**SIGN COLORS:**  
 LETTERS AND BORDER - GREEN WHITE  
 H.C. SYMBOLS - WHITE  
 H.C. SYMBOLS - WHITE  
 BACKGROUND - BLUE  
 BACKGROUND - WHITE



**HANDICAP PARKING SPACE**  
NOT TO SCALE

**STORMWATER MANAGEMENT SUMMARY**

DA	AREA (AC)	HOW (cu.ft.)	REV	DESIGN INFORMATION
TOTAL SITE REQUIREMENTS	0.0745 ac-ft.	0.0097 ac-ft. (421 cu.ft.)	5,326 S.F.	
CURB CUT (A)	0.282	MET BY USE OF DRY SWALE (1-2)	MET BY USE OF DRY SWALE (1-2)	CHANNEL SLOPE = 2.00% SIDE SLOPES=3:1 BOTTOM WIDTH = 3.0 FT. TIMBER CHECK DAMS
1-2 (A + B)	1.151	MET BY USE OF DRY SWALE	MET BY USE OF DRY SWALE	CHANNEL SLOPE = 2.00% SIDE SLOPES=3:1 BOTTOM WIDTH = 8.0 FT. TIMBER CHECK DAMS
BUILDING 1-3 (C)	0.404	MET BY USE OF DRY SWALE	MET BY USE OF DRY SWALE	CHANNEL SLOPE = 2.00% SIDE SLOPES=3:1 BOTTOM WIDTH = 8.0 FT. TIMBER CHECK DAMS
STREAM BUFFER-PARKING (D)	0.436	MET BY SHEET FLOW TO BUFFER CREDIT	MET BY SHEET FLOW TO BUFFER CREDIT	LEVEL SPREADER (AS SHOWN ON PLAN)
STREAM BUFFER-PATIO (E)	0.092	MET BY SHEET FLOW TO BUFFER CREDIT	MET BY SHEET FLOW TO BUFFER CREDIT	

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.

6.2.09 DATE

**ABIDING SAVIOR LUTHERAN CHURCH & PENTECOSTAL CHURCH OF GOD**

**OWNER**  
 ABIDING SAVIOR LUTHERAN CHURCH  
 10699 OWEN BROWN ROAD  
 COLUMBIA, MD 21044  
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 FAX: (410) 536-4960  
 CONTACT: JEFF SNAPE

**DEVELOPER**  
 PENTECOSTAL CHURCH OF GOD  
 10699 OWEN BROWN ROAD  
 COLUMBIA, MD 21044  
 PHONE: (410) 772-6396  
 CONTACT: JOSE OCASIO

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 1712 columbia gateway drive (suite 100) · columbia, md 21046-2890  
 410.972.8930 · info:301.581.0146 · fax:410.972.8933

**ADDRESS CHART**

LOT/PARCEL	STREET ADDRESS
LOT 1	10689 OWEN BROWN ROAD
LOT 2	10685 OWEN BROWN ROAD
PARCEL A	

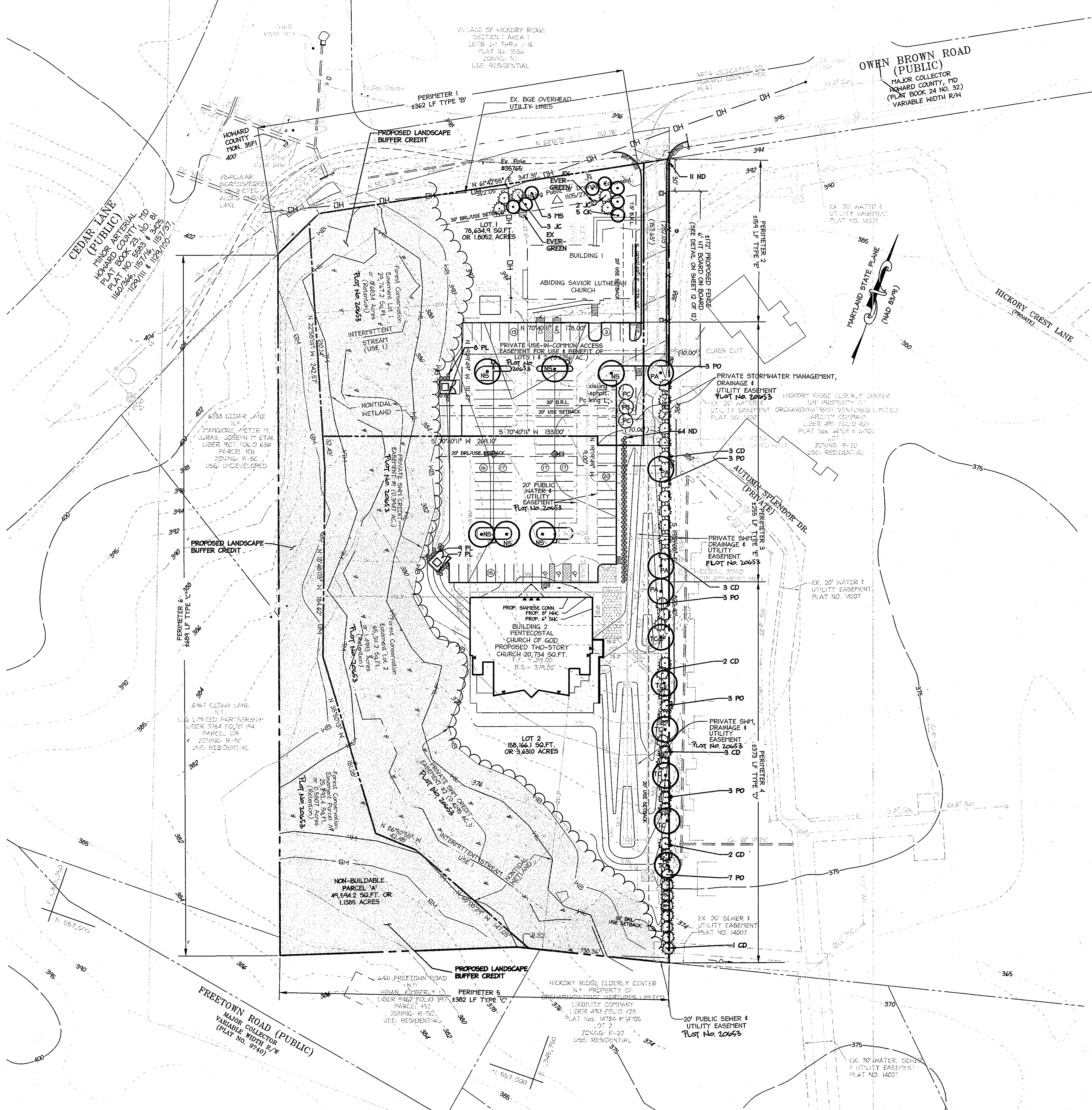
**PERMIT INFORMATION CHART**

PROJECT NAME:	LOT/PARCEL NO.	CENSUS TRACT
ABIDING SAVIOR LUTHERAN CHURCH PENTECOSTAL CHURCH OF GOD	LOTS 1, 2 & PAR. A	6026.02
PLAT NO. 22652-52665	GRID NO. 18	TAX MAP 35
WATER CODE 500	ZONE R-SC	ELECTION DISTRICT 05
		SEWER CODE 5326200

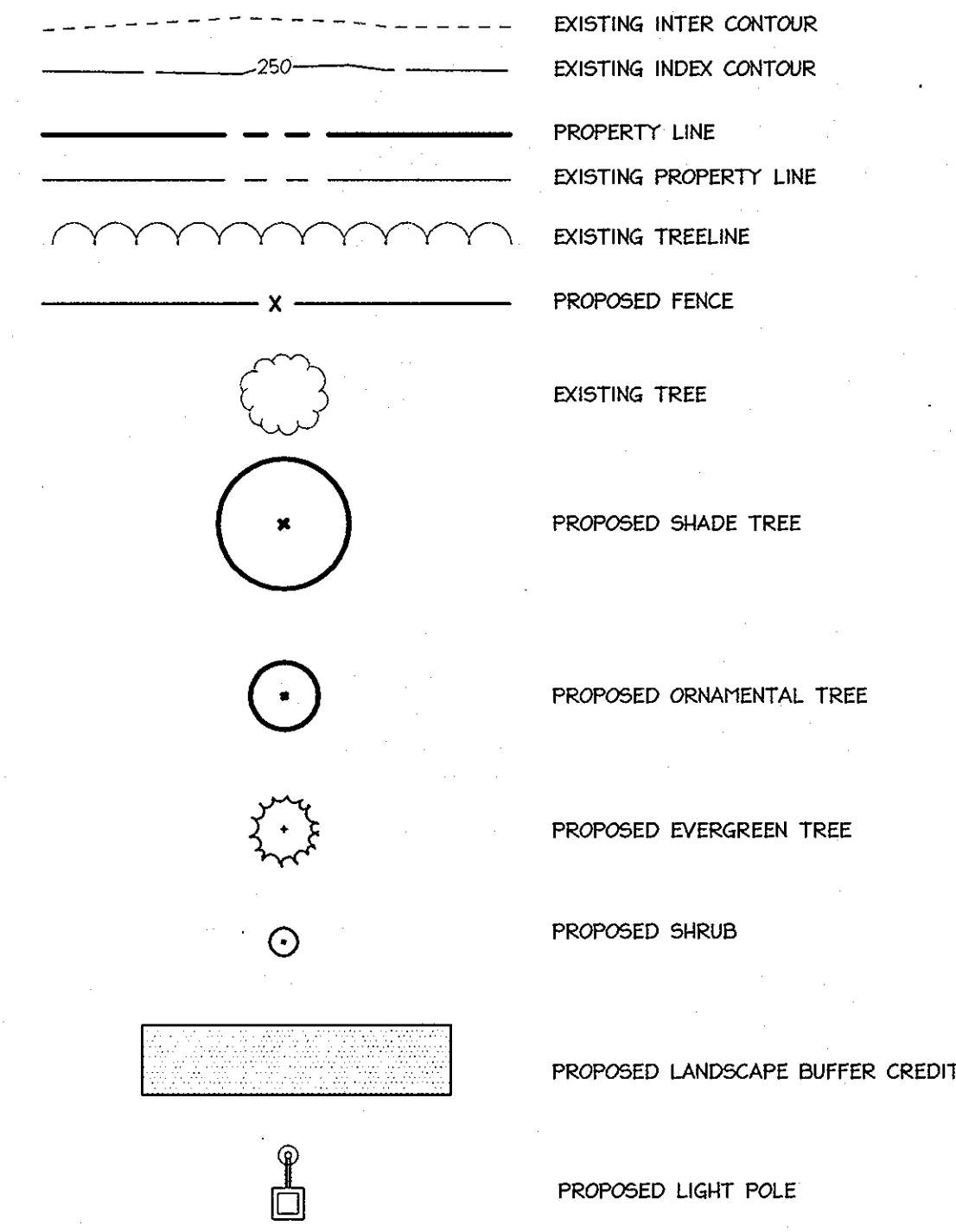
**TITLE:**  
**SD/SWM DRAINAGE AREA MAP AND DETAILS**

DESIGN: AJK SCALE: 1" = 50'  
 DRAWN: AJK DATE: JUNE 2009 PROJECT: 064302.00  
 CHECKED: JPH APPROVED: JPH





**LEGEND**



**PLANT LIST:**

SYMBOL	LATIN NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
NS	NYSSA SYLVATICA	BLACK GUM	6	2 1/2" - 3" caliper	BMB
TC	TILIA CORDATA	LITTLELEAF LINDEN	6	2 1/2" - 3" caliper	BMB
PA	PLATANUS X ACERIFOLIA 'BLOODGOOD'	BLOODGOOD LONDON PLANE	4	2 1/2" - 3" caliper	BMB
PC	PRUNUS CERASIFERA	PURPLELEAF PLUM	3	1" - 2" caliper	BMB
CK	CORNUS KOUSA	KOUSA DOGWOOD	5	8' - 10' ht.	BMB
MS	MAGNOLIA STELLATA	STAR MAGNOLIA	3	6' - 8' ht.	BMB
PO	PICEA OMORICA	SERBIAN SPRUCE	22	6' - 8' ht.	BMB
CD	CEDRUS DEODORA	DEODAR CEDAR	14	6' - 8' ht.	BMB
JC	JUNIPERUS CHINENSIS 'ROBUSTA GREEN'	ROBUSTA GREEN CHINESE JUNIPER	5	6 - 8' ht.	BMB
PL	FRAXINUS LAUROCARPUS 'ZABELIANA'	ZABEL'S CHERRY LAUREL	24	2 - 3" ht.	3 GAL
ND	NANDINA DOMESTICA 'GULF STREAM'	GULF STREAM NANDINA	75	2 - 3" ht.	3 GAL

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*Guido Hanna* 7/23/09  
 Chief, Division of Land Development Date  
*Chris Williams* 7/20/09  
 Chief, Development Engineering Division Date  
*Monica E. Sauter* 7/24/09  
 Director, Department of Planning and Zoning Date

**ABIDING SAVIOR LUTHERAN CHURCH & PENTECOSTAL CHURCH OF GOD**

OWNER	DEVELOPER
ABIDING SAVIOR LUTHERAN CHURCH 10689 OWEN BROWN ROAD COLUMBIA, MD 21044 PHONE: (410) 937 - 8770 FAX: (443) 538 - 4960 CONTACT: JEFF SHOPE	PENTECOSTAL CHURCH OF GOD 10689 OWEN BROWN ROAD COLUMBIA, MD 21044 PHONE: (410) 772 - 6296 CONTACT: JOSE OCASIO

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 7172 columbian gateway drive (suite 100) columbia, md. 21046-2990  
 410.872.8690 · metro 301.881.0148 · fax 410.872.8695

**ADDRESS CHART**

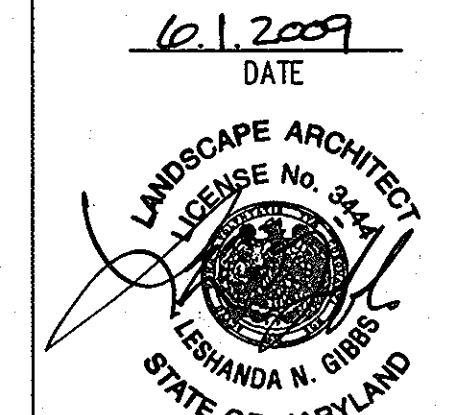
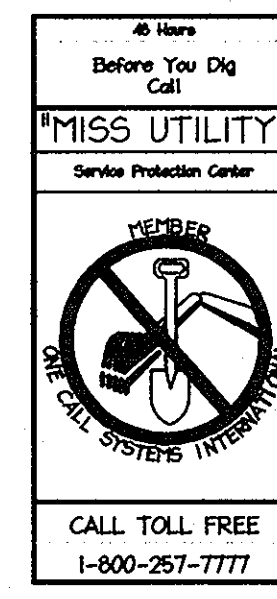
LOT/PARCEL	STREET ADDRESS
LOT 1	10689 OWEN BROWN ROAD
LOT 2	10685 OWEN BROWN ROAD
PARCEL A	

**PERMIT INFORMATION CHART**

PROJECT NAME: ABIDING SAVIOR LUTHERAN CHURCH PENTECOSTAL CHURCH OF GOD	LOT/PARCEL NO. LOTS 1, 2 & PAR. A	CENSUS TRACT 6026.02
PLAT NO. 20652-20653	GRID NO. 18	ZONE R-SC
TAX MAP 35	ELECTION DISTRICT 05	SEWER CODE 5326200

**TITLE: LANDSCAPE PLAN**

DESIGN: CRH	SCALE: 1" = 50'	PROJECT: 064302.00
DRAWN: CRH	DATE: JUNE 2009	
CHECKED: LNG	APPROVED: JPH	<b>11 OF 12</b>



MDC-693(SDP)



