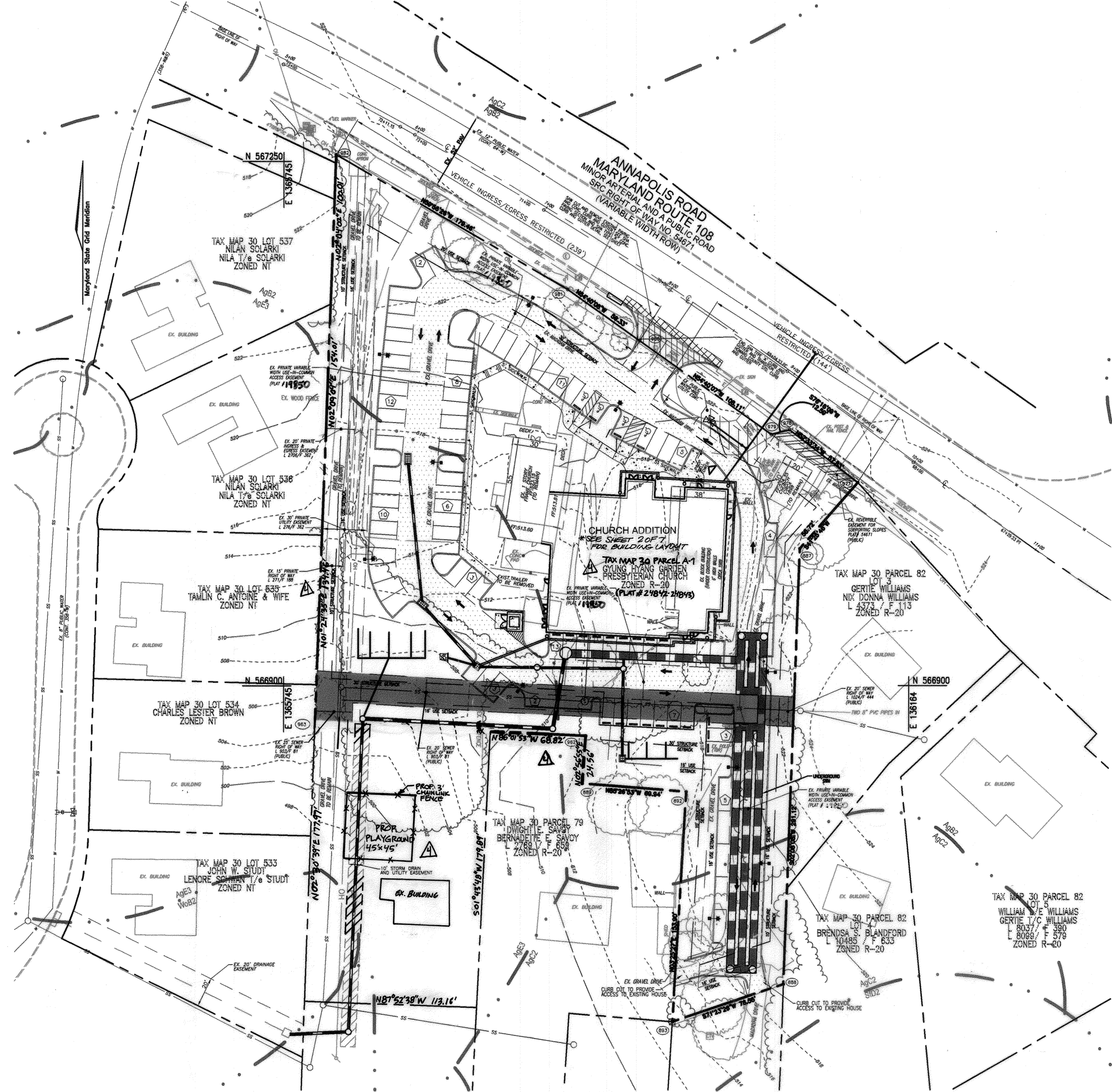


GYUNG HYANG GARDEN PRESBYTERIAN CHURCH PARCEL A-1 SITE DEVELOPMENT PLAN PROPOSED BUILDING ADDITION AND PARKING LOT

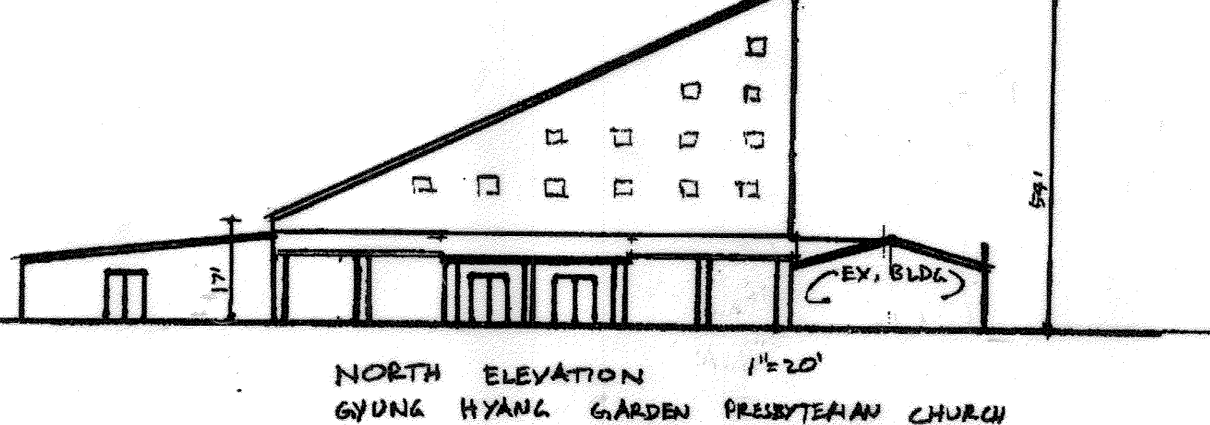
GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK ON THESE DRAWINGS:
MISS UTILITY 1-800-257-7777
VERIZON TELEPHONE COMPANY: 1-410-954-6281
HOWARD COUNTY BUREAU OF UTILITIES: 311-2366
AT&T CABLE LOCATION DIVISION: 393-3553
B.G.S.E. CO. CONTRACTOR SERVICES: 205-4620
B.G.S.E. CO. UNDERGROUND DAMAGE CONTROL: 787-4620
STATE HIGHWAY ADMINISTRATION: 531-5533
- SITE ANALYSIS:
AREA OF PARCEL: 3.0022 AC.
PRESENT ZONING: R-20
USE OF STRUCTURE: CHURCH AND DAYCARE (BA-19-002C)
BUILDING FLOOR AREA: 25,670 SF
BUILDING COVERAGE ON-SITE: 0.59 AC. OR 17.7% OF GROSS AREA
PAVED PARKING LOT AREA ON-SITE: 1.48 AC. OR 49.3% OF GROSS AREA
AREA OF LANDSCAPE ISLAND: 0.05 AC. OR 1.7% OF GROSS AREA
LIMIT OF DISTURBED AREA: 2.50 AC. OR 83% OF GROSS AREA
PARKING REQUIREMENTS: SPACE: 282 SEATS
PROPOSED: 282 SEATS PROVIDED SPACES: 94
- PROJECT BACKGROUND:
LOCATION: COLUMBIA, MD.; TAX MAP 30, BLOCK 24, PARCEL 78, 80, 110 AND 225 (PARCEL A-1)
SUBDIVISION: N/A
SECTION/AREA: N/A
SITE AREA: 3.0022 AC.
DEED: 3710/185
DEED REFERENCE: BA 95-3-C, BA 88-41 EV, BA 92-07E, BA 95-04E, BA 00-53 E, AA-04-036, BA-04-56-C, WP-05-134, F-08-10P, F-18-111, BA-19-002C
- 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 START OF WORK.
- ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS, PAVING, OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- EXISTING UTILITIES LOCATED FROM ROAD CONSTRUCTION PLANS, FIELD SURVEYS, PUBLIC WATER AND SEWER EXTENSION PLANS AND AVAILABLE RECORD DRAWINGS. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTOR'S INFORMATION. CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- ALL REINFORCED CONCRETE FOR STORM DRAIN STRUCTURES SHALL HAVE A MINIMUM OF 28 DAYS STRENGTH OF 3,500 P.S.I.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLELY FOR THE PURPOSE OF CALCULATING FEES.
- SOIL CONDITION SPECIFICATIONS, REQUIREMENTS, METHODS AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL ENGINEER. GEOTECHNICAL ENGINEER TO CONFIRM ACCEPTABILITY OF PROPOSED PAVING SECTION, BASED ON SOIL TEST PRIOR TO CONSTRUCTION.
- THE EXISTING TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD TOPOGRAPHICAL SURVEY PERFORMED BY KCI TECHNOLOGIES INC., DATED 11-09-04.
- THE PROPERTY LINES SHOWN HEREON IS BASED ON A BOUNDARY SURVEY PERFORMED BY KCI TECHNOLOGIES, INC., DATED 11-09-04.
A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT.
- ALL PAVING TO BE MINIMUM HOWARD COUNTY STANDARD DETAIL P-2 UNLESS OTHERWISE NOTED. (SEE DETAILS, SHEET 3)
- THE GEOTECHNICAL ENGINEER TO CONFIRM PAVING SECTION PRIOR TO CONSTRUCTION.
- ALL CURB AND GUTTER TO BE HOWARD COUNTY STANDARD DETAIL 3.01 UNLESS OTHERWISE NOTED. (SEE DETAIL SHEET 3)
- CONTRACTOR RESPONSIBLE TO CONSTRUCT ALL HANDICAP RAMP AND HANDICAP ACCESS IN ACCORDANCE WITH CURRENT ADA REQUIREMENTS.
- WHERE DRAINAGE FLOWS AWAY FROM CURB, CONTRACTOR TO REVERSE THE GUTTER PAN.
- ALL ELEVATIONS ARE TO FLOWLINE/BOTTOM OF CURB UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- PUBLIC WATER AVAILABLE THROUGH CONTRACT 64 W.
- PUBLIC SEWER AVAILABLE THROUGH CONTRACT 807-S.
- STORMWATER MANAGEMENT FOR THE ENTIRE SUBDIVISION IS PROVIDED BY TWO BIO-RETENTION FACILITIES FOR WATER QUALITY AND AN UNDERGROUND FACILITY FOR WATER QUANTITY.
- ALL EXTERIOR LIGHTING TO CONFORM TO SECTION 134 OF THE HOWARD COUNTY ZONING REGULATIONS. ALL LIGHTING SHALL BE DIRECTED DOWNWARD AND AWAY FROM THE NEIGHBORING PROPERTIES. (DETAIL ON SHEET 2)
- THE LIGHT INTENSITY AT THE PROPERTY LINE SHALL NOT EXCEED 0.1 FOOT CANDLES.
- GEOTECHNICAL REPORT PREPARED BY KCI TECHNOLOGIES, DATED NOVEMBER 2004.
- ANY EXISTING STREET TREES DAMAGED OR DESTROYED DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR.
- THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL.
- FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DEVELOPERS AGREEMENT IN THE AMOUNT OF \$32,130.00 FOR 38 SHADE TREES, 117 EVERGREEN TREES, 106 SHRUBS.
- TRAFFIC STUDY APPROVED BY THE TRAFFIC GROUP DATED FEBRUARY, 2007.
- BUILDING TO HAVE INSIDE WATER METER SETTING.
- THE FOREST CONSERVATION OBLIGATIONS WILL BE FULFILLED BY A FEE-IN-LIEU PAYMENT IN THE AMOUNT OF \$12,414.60 FOR THE 16,552.80 SF OF FOREST REQUIRED.
- THERE ARE NO 100 YEAR FLOOD PLAINS, WETLANDS, FCE AREAS, WETLAND BUFFERS, STREAMS, STREAM BUFFERS, LOCATED ON PARCEL 80, 78, 225.
- THE SUBJECT PARCEL IS ZONED R-20 PER THE 2/2/04 COMPREHENSIVE ZONING PLAN AND THE --COMP LITE-- ZONING AMENDMENTS EFFECTIVE 7/28/06.
- THIS PLAN IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNTY BILL 45-2003 AND THE ZONING REGULATIONS AS AMENDED BY CB-75-2003.
- ALL SIGN POSTS USED FOR TRAFFIC CONTROL SIGNS INSTALLED IN THE COUNTY RIGHT-OF-WAY SHALL BE MOUNTED ON A 2" GALVANIZED STEEL, PERFORATED, SQUARE TUBE POST (1.4 GAUGE) INSERTED INTO A 2-1/2" GALVANIZED STEEL, PERFORATED, SQUARE TUBE SLEEVE (1.2 GAUGE) 3" LONG. GALVANIZED STEEL "CAP" SHALL BE MOUNTED ON TOP OF EACH POST.
- KNOCK BOX SHALL BE PLACED ON THE FRONT OF THE BUILDING. IT SHALL BE PLACED TO THE RIGHT OF THE MAIN ENTRANCE AT A RANGE OF 4-5' IN HEIGHT AND NO MORE THAN 6' LATEROALLY FROM THE DOOR. ITS LOCATION IS SHOWN ON THESE PLANS. THE BOX SHALL BE ELECTRONICALLY SUPERVISED TO NOTIFY THE OWNER THAT IT IS BEING ACCESSSED (INTEGRATED WITH THE FIRE ALARM SYSTEM).
- THE PLANNING DIRECTOR APPROVED WP-05-134 REQUEST TO WAIVE SECTION 16.147(c), WHICH REQUIRED THE SUBMISSION OF FINAL PLAN IN ORDER TO TRANSFER PROPERTY FROM ONE PARCEL TO ANOTHER.
- APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:
1. WITHIN 45 DAYS OF THIS WAIVER APPROVAL, SUBMIT A COPY OF THE RECORDED ADJOINER DEEDS FOR THE SUBJECT PARCELS TO THIS DIVISION FOR FILE RETENTION PURPOSES.
2. COMPLIANCE WITH THE "R-20" ZONING DISTRICT REGULATIONS INCLUDING THE BULK REQUIREMENTS FOR THE MINIMUM BUILDING SETBACKS FOR ANY EXISTING STRUCTURES AND THE MINIMUM LOT SIZE REQUIREMENT.
3. ANY FURTHER SUBDIVISION OF THE SUBJECT PARCELS WHICH CREATE ADDITIONAL LOTS, OR ADD TO LOTS, MUST BE ESTABLISHED IN COMPLIANCE WITH THE RECORDED SUBDIVISION PLAN PROCESS AND THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
4. REFERENCE TO THIS WAIVER ON THE SITE DEVELOPMENT PLAN.
5. THE HOWARD COUNTY BOARD OF APPEALS APPROVED CASE NO. 04-56-C ON MARCH 29, 2006 WHICH EXPIRES ON MARCH 29, 2008; A PETITION BY GYUNG HYANG GARDEN PRESBYTERIAN CHURCH FOR CONDITIONAL USE FOR STRUCTURE USED PRIMARILY FOR RELIGIOUS ACTIVITIES IN AN R-20 ZONING DISTRICT SUBJECT TO THE FOLLOWING CONDITIONS:
1. THE CONDITIONAL USE SHALL BE CONDUCTED IN CONFORMANCE WITH AND SHALL APPLY ONLY TO THE PROPOSED STRUCTURE USED PRIMARILY FOR RELIGIOUS ACTIVITIES AS DESCRIBED IN THE PETITION AND AS DEPICTED ON THE AMENDED CONDITIONAL USE PLAN FOR THE "GYUNG HYANG GARDEN PRESBYTERIAN CHURCH" SUBMITTED TO THE BOARD ON JANUARY 12, 2006 AND NOT TO ANY OTHER ACTIVITIES, USES OR STRUCTURES ON THE PROPERTY.
2. ALL OUTDOOR LIGHTING SHALL COMPLY WITH SECTION 134 OF THE ZONING REGULATIONS.
3. THE HEIGHT OF THE CHURCH WILL NOT EXCEED THE MAXIMUM ALLOWED BY THE ZONING REGULATIONS.
4. THE PETITIONER SHALL COMPLY WITH CONDITIONS SET FORTH IN CASE NO. AA 04-036.
5. A TYPE D' LANDSCAPE EDGE SHALL BE REQUIRED ALONG THE EASTERN AND WESTERN OUTSIDE BOUNDARIES OF THE PROPERTY.
6. THE PETITIONER SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND COUNTY LAWS AND REGULATIONS.
6. THE PETITIONER SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND COUNTY LAWS AND REGULATIONS.
- AN ADMINISTRATIVE ADJUSTMENT, AA-04-036, TO REDUCE THE 20 FEET USE SETBACK TO 16 FEET ALONG PORTIONS OF THE SIDE AND REAR LOT LINES FOR THE PARKING LOT ENLARGEMENTS AND ON THE SITE IMPROVEMENTS WAS GRANTED ON MARCH 9, 2005 BY DPZ, SUBJECT TO THE FOLLOWING CONDITIONS:
1. THE PETITIONER SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND COUNTY LAWS AND REGULATIONS.
2. THE GRANTED ADMINISTRATIVE ADJUSTMENT SHALL APPLY SOLELY TO THE PROPOSED PARKING LOT ENLARGEMENTS AS DEPICTED ON THE ADMINISTRATIVE ADJUSTMENT PLAN SUBMITTED BY THE PETITIONER AND NOT TO ANY OTHER STRUCTURE, ADDITION, BUILDING OR USE.
3. A SITE DEVELOPMENT PLAN IS REQUIRED FOR THE PARKING LOT ENLARGEMENT.
4. THE LANDSCAPE EDGE LOCATED BETWEEN THE ENCRUCHING PARKING SPACES AND PARCEL 79 SHALL BE THE EQUIVALENT OF A TYPE D (SCREEN)
- THE SITE IS LISTED IN THE HOWARD COUNTY HISTORIC SITES INVENTORY AS HO-440
THE PLAN WAS REVIEWED BY THE HISTORIC DISTRICT COMMISSION ON MAY 3, 2007.
- BASED ON INFORMATION BY THE CONSULTANT, THERE ARE NO CEMETERIES ON-SITE. PER THE CONSULTANT AND SUPPORTING PHOTO DOCUMENTATION, CEMETERY NO. 30-1 IS LOCATED ON "SCOTT PROPERTY" WHICH IS OUTSIDE THE SCOPE OF THIS PLAN.
- THE PROPOSED CHURCH ADDITION SHALL NOT BE USED AS A SCHOOL, OR DAY CARE FACILITY.
- THERE ARE NO STEEP SLOPES PRESENT ON THIS SITE.
- BUILDING CONTRACTOR TO COORDINATE PROPOSED BUILDING ADDITION, AND EXISTING BUILDING LOCATION TO ESTABLISH EXACT ORIENTATION AND CONTROL.



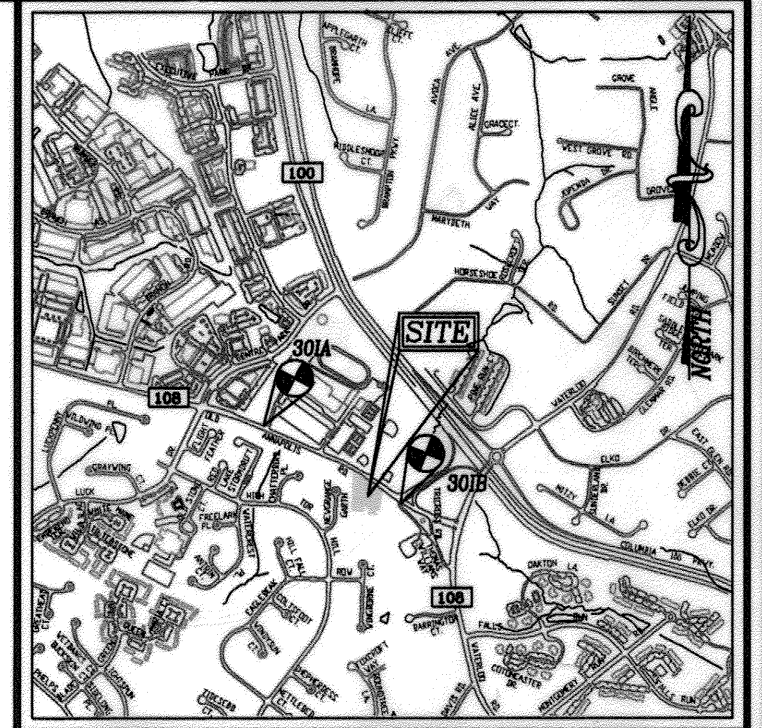
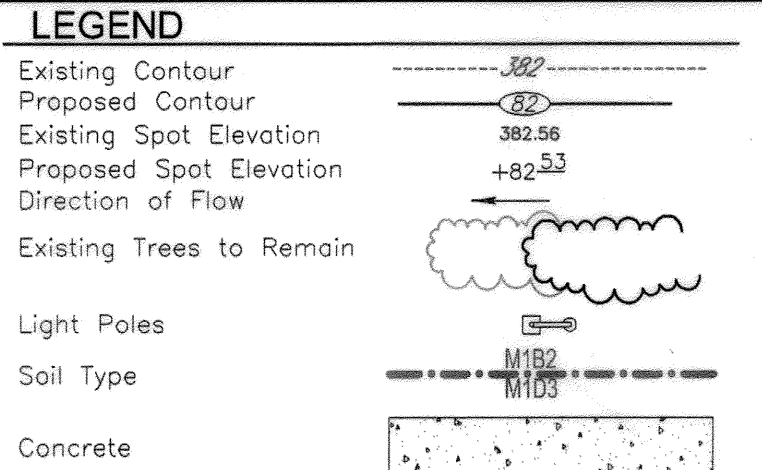
LOCATION MAP
SCALE: 1"=50'

- ### GENERAL NOTES CONTINUED:
66. FIRE LAMPS SHOULD BE PROVIDED IN THIS DEVELOPMENT TO ALLOW EMERGENCY VEHICLE ACCESS. THE CURBS SHOULD BE PAINTED IN RED AND STENCILED TO IDENTIFY THE ROAD AS A FIRE LANE.
 67. LANDSCAPING NOT PERMITTED WITHIN 7'-12" OF EACH SIDE OF THE FIRE DEPARTMENT CONNECTION. PROVIDE A CLEAR UNOBSTRUCTED ACCESS PATH TO FIRE DEPARTMENT CONNECTION. NFPA-1 13.14.
 68. AN ADDRESS SIGN MUST BE PROVIDED AT THE INTERSECTION OF THE DRIVEWAY AND THE STREET TO INCLUDE THE NUMBER LOCATED OFF THIS DRIVEWAY. THE SIGN SHALL CLEARLY IDENTIFY ALL THE HOUSES ACCESSSED FROM THE DRIVEWAY. EACH NUMBER SHALL BE A MINIMUM OF 3" HIGH BLOCK LETTERS. LOCATION OF SIGN IS ON PLAN.
 69. ON JULY 20, 2020 A DECISION & ORDER (BA-19-002C) WAS GRANTED PERMITTING THE CONDITIONAL USE FOR A CHILD DAY CARE CENTER AND NURSERY SCHOOL UNDER HOWARD COUNTY ZONING REGULATIONS SECTION 131.0.13. PROVIDED THAT:
 1. THE USE SHALL BE CONDUCTED IN CONFORMANCE WITH, AND THE CONDITIONAL USE ONLY TO THE USES AND STRUCTURE AS DESCRIBED IN THE PETITION AND CONDITIONAL USE PLAN FILED ON OR AROUND JANUARY 7, 2019, AND NOT TO ANY OTHER ACTIVITIES, USES, STRUCTURES OR ADDITIONS ON THE PROPERTY; AND
 2. PETITIONER SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.



PARKING TABULATION	REQUIRED	PROVIDED
TOTAL SEATS PROPOSED: 282 SEATS		
PARKING SPACES: 1 SPACE/3 SEATS	94 SPACES (INCLUDING HANDICAP)	94 SPACES (INCLUDING HANDICAP)
HANDICAP SPACES	4	5

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 [Signature] DATE: 4/16/08
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature] DATE: 4/21/08
 CHIEF, DIVISION OF LAND DEVELOPMENT
 [Signature] DATE: 4/22/08
 DIRECTOR



BENCHMARKS

HOWARD COUNTY BENCHMARK 30A (CONCRETE MONUMENT)	N 567750.958	E 1364842.598	ELEV. 499.816
HOWARD COUNTY BENCHMARK 30IB (CONCRETE MONUMENT)	N 566937.926	E 1366270.75	ELEV. 526.159

COORDINATE LIST

POINT	NORTH	EAST
887	566991.56880	1366091.22181
888	566700.65239	1366080.37381
889	566835.78374	1366043.00223
892	566829.20558	1366015.11918
893	566675.58454	1366005.92751
892	566866.42098	1365992.69923
962	566774.42568	1365785.15968
977	567035.59841	1366130.07932
978	567070.75556	1366084.16321
979	566948.78757	1366011.83449
980	567130.28767	1365983.73645
981	567164.59948	1365935.33165
982	567254.48951	1365780.00668



AS-BUILT CERTIFICATION
 I HEREBY CERTIFY THAT THE FACILITY SHOWN ON THIS PLAN WAS CONSTRUCTED AS SHOWN ON THE AS-BUILT PLANS AND MEETS THE PROFESSIONAL STANDARDS AND SPECIFICATIONS.
 DATE: 4/5/12
 ROBERT H. VOGEL, P.E.
 * INTERESTED AND INTERESTED CERTIFIED BY FRANK KRAEZE, PE REG # 3339 3/26/12

SHEET INDEX

DESCRIPTION	SHEET NO.
COVER SHEET	1 OF 7
SITE LAYOUT PLAN, AND SITE DETAILS	2 OF 7
SITE GRADING, SEDIMENT AND EROSION CONTROL PLAN, AND SOILS MAP	3 OF 7
SEDIMENT AND EROSION CONTROL NOTES & DETAILS, AND UTILITY PROFILES	4 OF 7
SITE LANDSCAPE AND FOREST CONSERVATION PLAN	5 OF 7
STORMWATER MANAGEMENT AND BIO-RETENTION DETAILS	6 OF 7
STORM DRAIN DRAINAGE AREA MAP	7 OF 7

ADDRESS CHART

LOT/PARCEL#	STREET ADDRESS
A-1	8665 & 8675 OLD ANNAPOLIS ROAD

PERMIT INFORMATION CHART

SUBDIVISION NAME	SECTION/AREA	PARCEL NUMBER
N/A	N/A	78, 80, 110 & 225

DEED REF.	PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELECT. DIST.	CENSUS TR.
10867/915	1980-1981	24	R-20	30	6TH	606605
3710/185	2102-2103					
10171/217	2102-2103					

WATER CODE: G07 SEWER CODE: 5338900

OWNER/PETITIONER

GYUNG HYANG GARDEN PRESBYTERIAN CHURCH
 8665 OLD ANNAPOLIS ROAD
 COLUMBIA, MD. 21045
 410-868-5171

NO.	REVISION	DATE
1	REVISE THE PLANS TO SHOW THE COMBINING OF PARCELS A AND 110 TO BECOME PARCEL A-1 AND TO ADD A CONDITIONAL USE APPROVED PLAN TO THE PLAN.	2-16-21
2	REVISE PERMITS IN REAR OF CHURCH ADDITION TO INCLUDE LABEL CONCRETE PDS.	11/5/11
3	REVISE BUILDING, ELIMINATE CURB AND REVISE GRADING.	9/28/10
4	REVISE BUILDING ADDITION, PARKING, ASSOCIATED GRADING, AND LANDSCAPING, RELOCATE 1-B.	6/1/09

SITE DEVELOPMENT PLAN COVER SHEET PROPOSED BUILDING ADDITION AND PARKING LOT GYUNG HYANG CHURCH PARCEL A-1

TAX MAP 30, BLOCK 24
6TH ELECTION DISTRICT

PARCELS 78, 80, 110, 225 & A-1
HOWARD COUNTY, MARYLAND

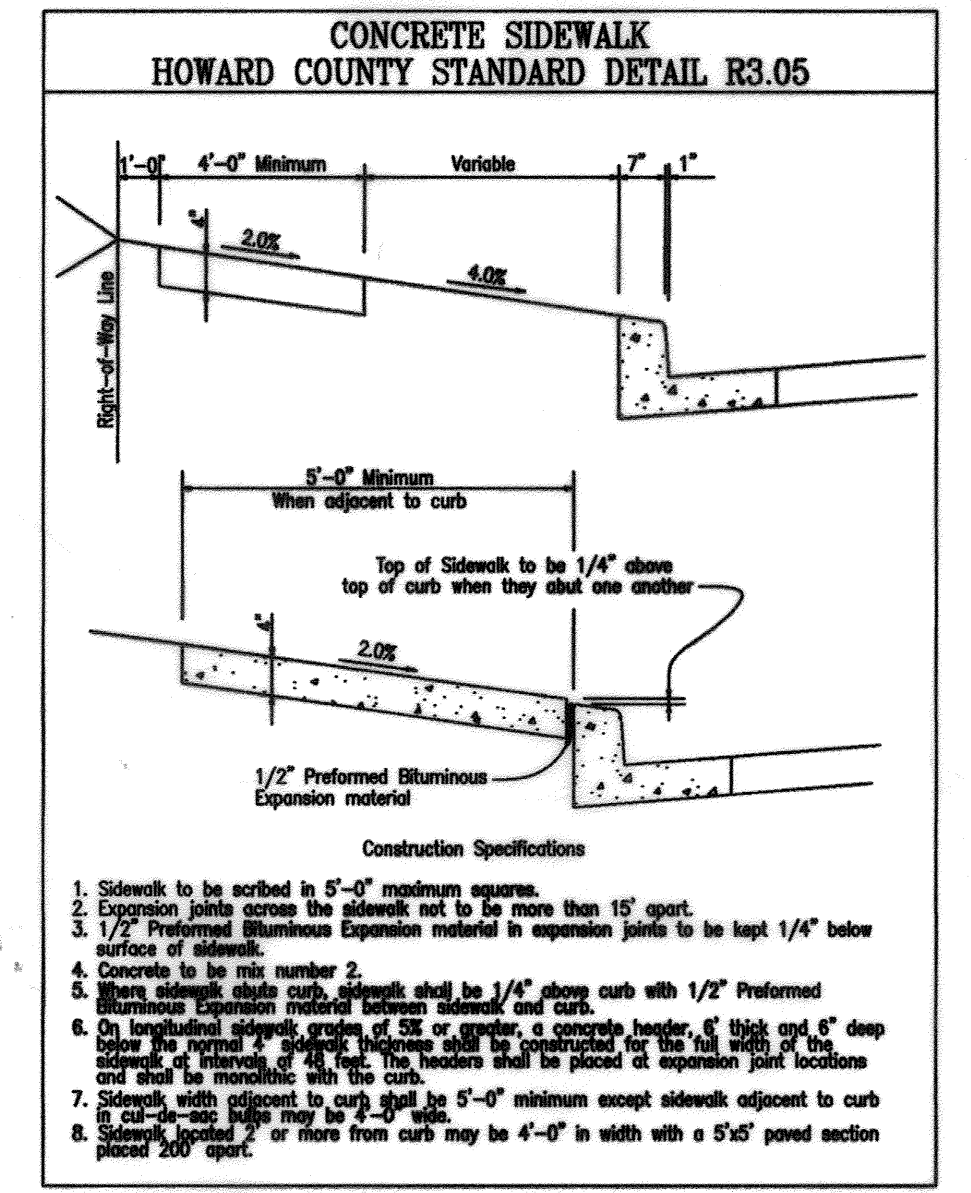
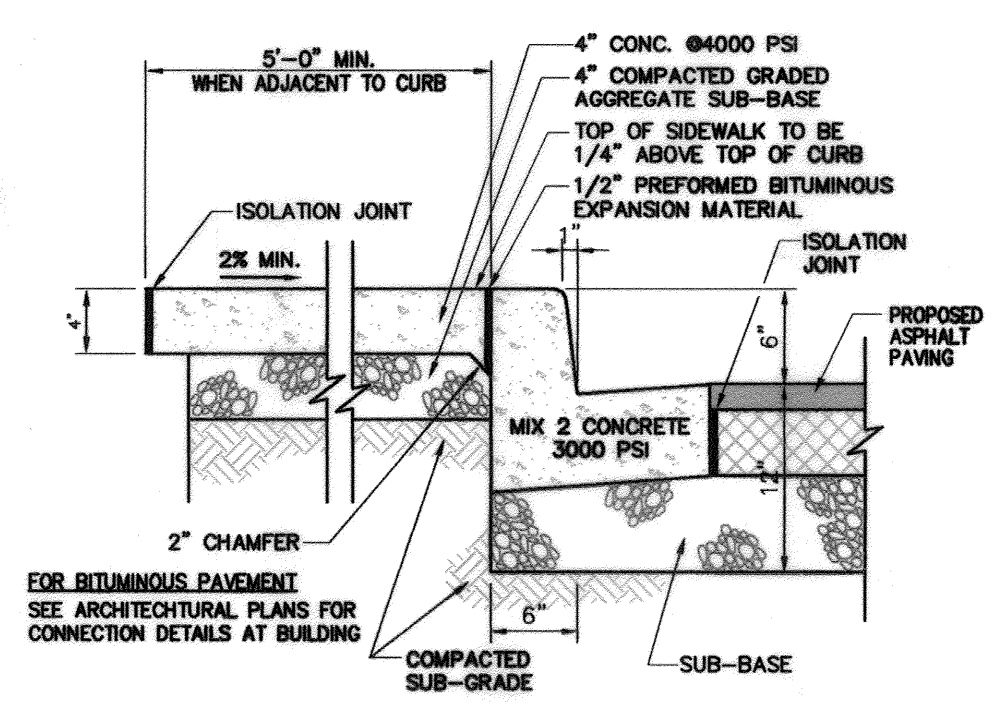
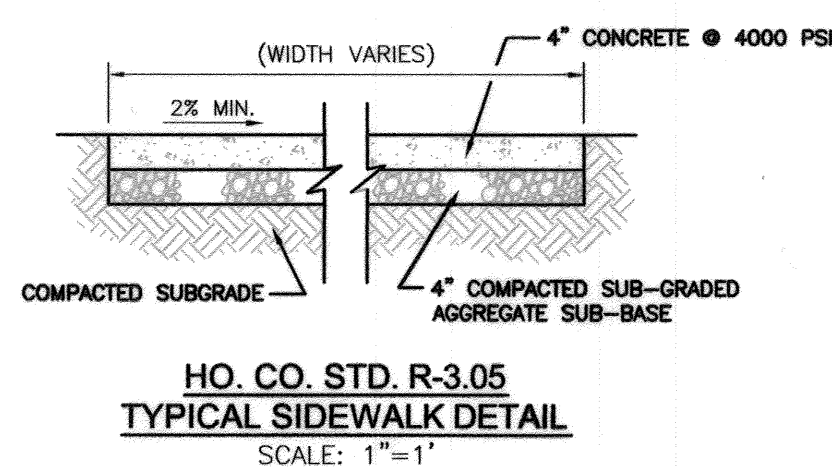
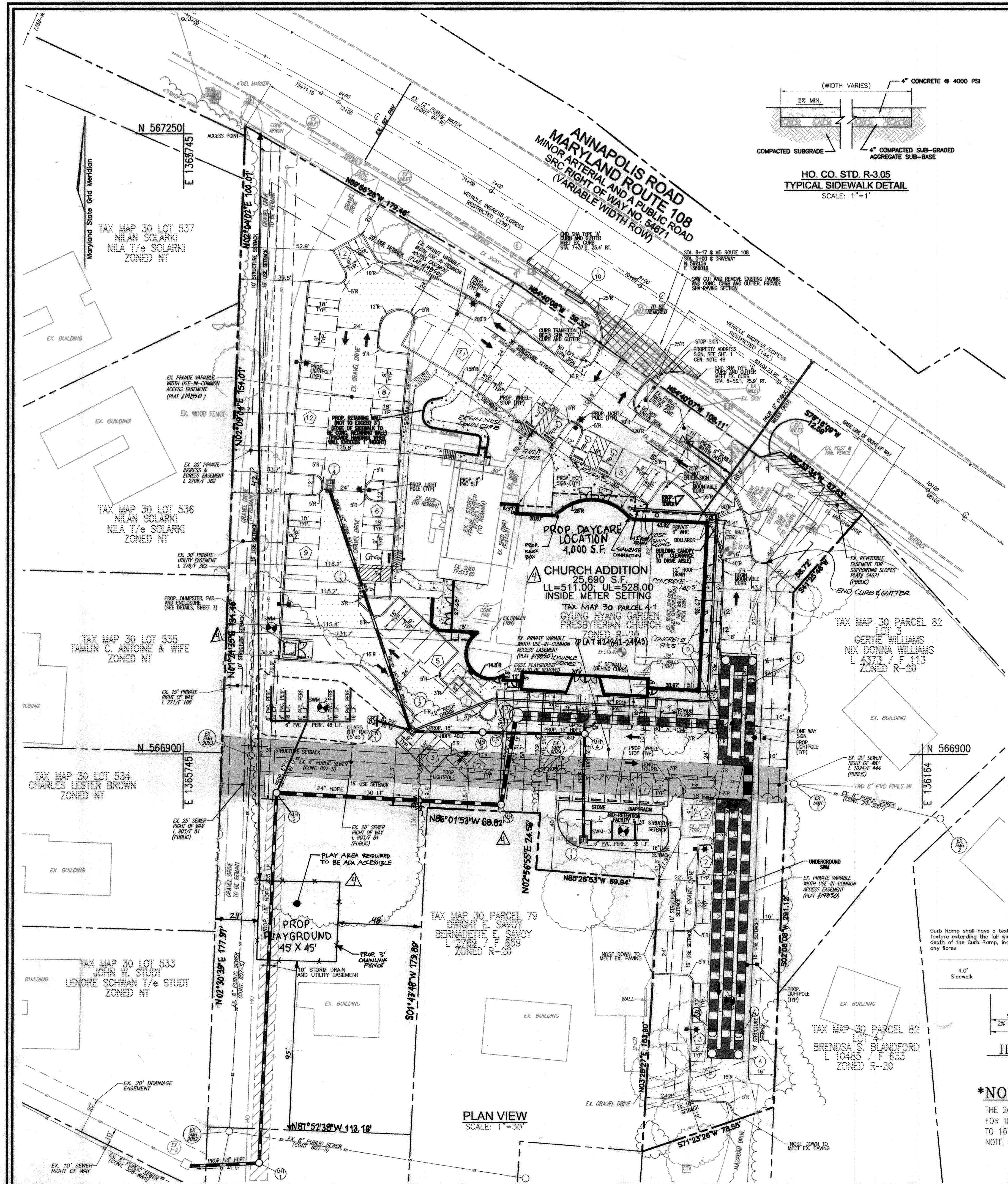
ROBERT H. VOGEL ENGINEERS, SURVEYORS & PLANNERS

8407 MAIN STREET
ELICOTT CITY, MD 21043 TEL: 410-481-7666
FAX: 410-461-8996

DESIGN BY: MR
 DRAWN BY: KG
 CHECKED BY: RHV
 DATE: MARCH 2008
 SCALE: AS SHOWN
 W.O. NO.: 06-11

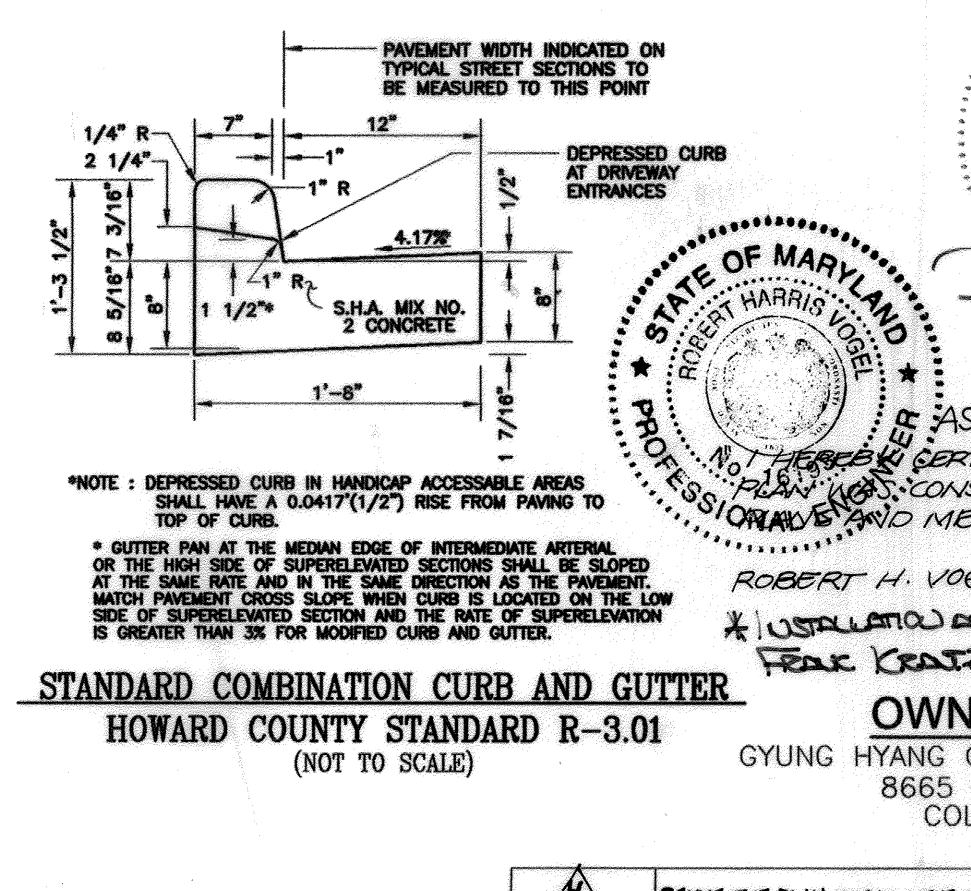
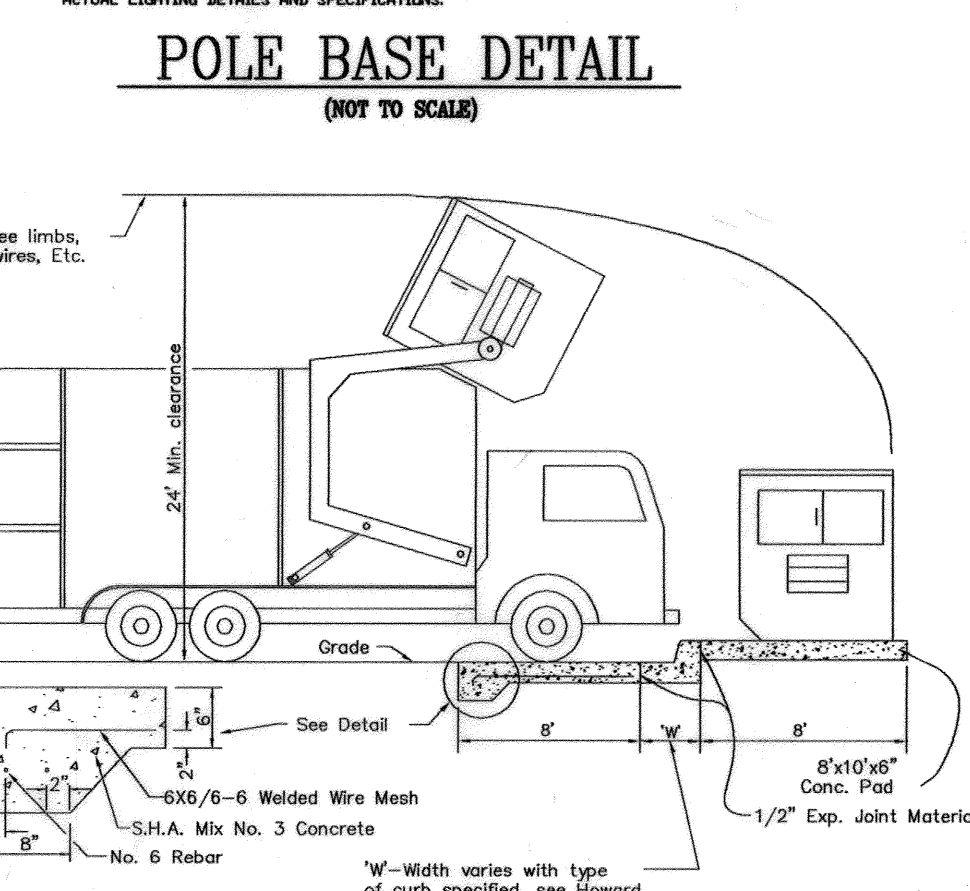
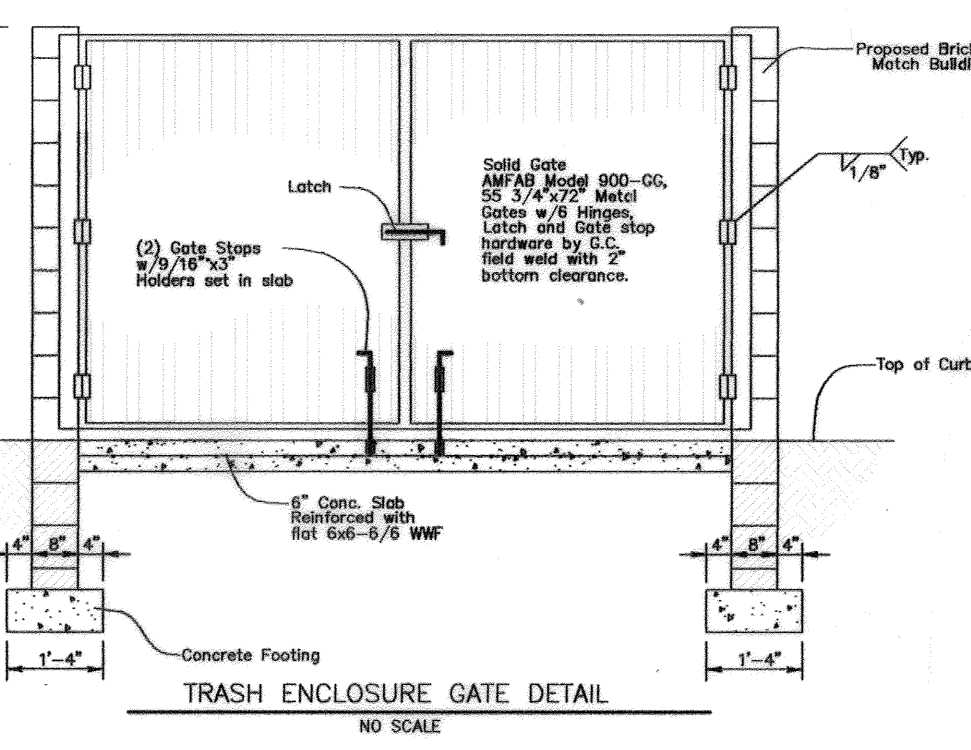
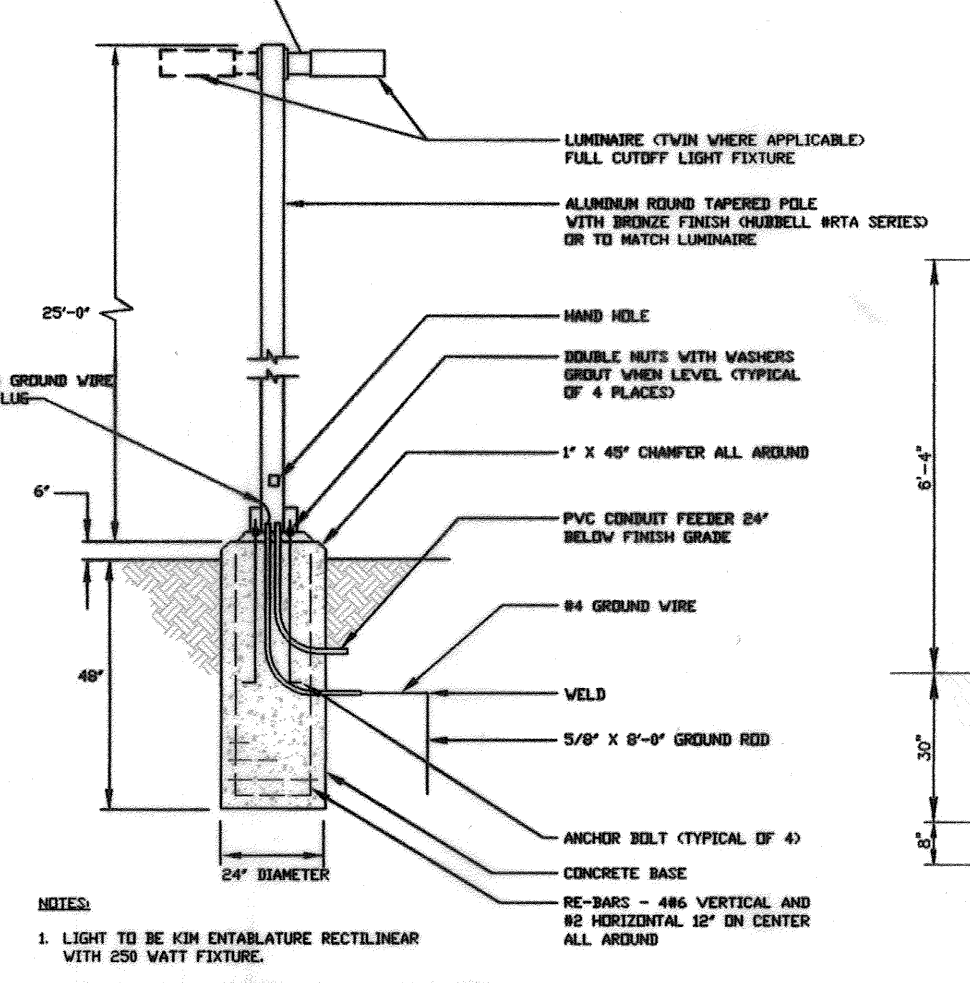
PROFESSIONAL CERTIFICATE
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAW OF THE STATE OF MARYLAND, LICENSE NO. 16193, EXPIRATION DATE 09-27-2008.

1 SHEET OF 7



LEGEND:

- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING MAILBOX
- EXISTING SIGN
- EXISTING SANITARY MANHOLE
- EXISTING SANITARY LINE
- EXISTING CLEANOUT
- EXISTING FIRE HYDRANT
- EXISTING WATER LINE
- PROPOSED STORM DRAIN
- PROPOSED STORM DRAIN INLET
- PROPOSED LIGHT
- EXISTING TREES (FIELD LOCATED)
- EXISTING TREELINE (FIELD LOCATED)
- EXISTING VEGETATION (APPROXIMATE LOCATION)
- EXISTING FENCE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- PROPOSED SIDEWALK
- EX. PUBLIC WATER AND UTILITY EASEMENT
- EX. PRIVATE USE IN COMMON ACCESS EASEMENT
- EX. PUBLIC SEWER RIGHT OF WAY EASEMENT
- EX. PUBLIC REVERSIBLE SUPPORTING SLOPES
- SHA PAVING SECTION SEE SHEET
- REMOVE AND REPLACE EXISTING SHA PAVING SECTION



REVISION #4 ONLY

STATE OF MARYLAND
ROBERT H. VOGEL
PROFESSIONAL ENGINEER
No. 16193

AS-BUILT CERTIFICATION
I HEREBY CERTIFY THAT THE FACILITY SHOWN ON THIS PLAN WAS CONSTRUCTED AS SHOWN ON THE "AS-BUILT" STANDARD DRAWING MEETS THE APPROVED PLANS AND SPECIFICATIONS.
10/19/13 4/15/12
ROBERT H. VOGEL
REGISTERED AND INTEGRITY CERTIFIED BY
FRANK KRATZ, PE, REG. # 3339

OWNER/PETITIONER
GYUNG HYANG GARDEN PRESBYTERIAN CHURCH
8665 OLD ANNAPOLIS ROAD
COLUMBIA, MD. 21045
410-868-5171

NO.	REVISION	DATE
1	REVISE THE PLAN TO SHOW THE COMBINING OF PARCELS A AND 110 TO BECOME PARCEL A-1 AND TO ADD A CONDITIONAL USE APPROVED PLAYGROUND	2-16-21
2	REVISE PARKING IN REAR OF CHURCH, ADD CURB IN FRONT OF CHURCH, LABEL CONCRETE PADS	1/5/11
3	REVISE BUILDING, ELIMINATE CURB AND REVISE GRADING	9/28/10
1	REVISE BUILDING ADDITION, PARKING, ASSOCIATED GRADING, AND LANDSCAPING; RELOCATE 1-3.	05-14-09

SITE DEVELOPMENT PLAN
SITE LAYOUT PLAN;
AND DEMOLITION PLAN
GYUNG HYANG CHURCH
PARCEL A-1

TAX MAP 30 BLOCK 24
6TH ELECTION DISTRICT

PARCELS 78, 80, 110, 225 & A4
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET
ELLICOTT CITY, MD 21043
TEL: 410.461.7666
FAX: 410.461.8961

PROFESSIONAL CERTIFICATE

DESIGN BY: MR. [Signature]
DRAWN BY: KG.
CHECKED BY: RHW.
DATE: JUNE 2009
SCALE: AS SHOWN
W.O. NO.: 06-11

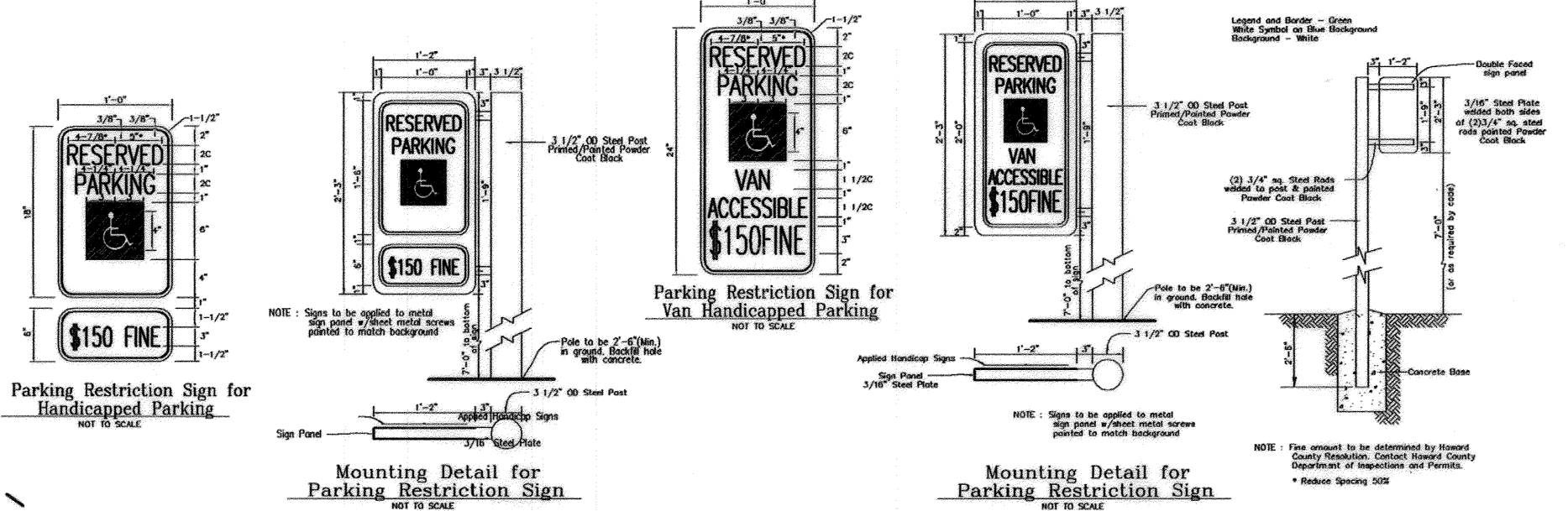
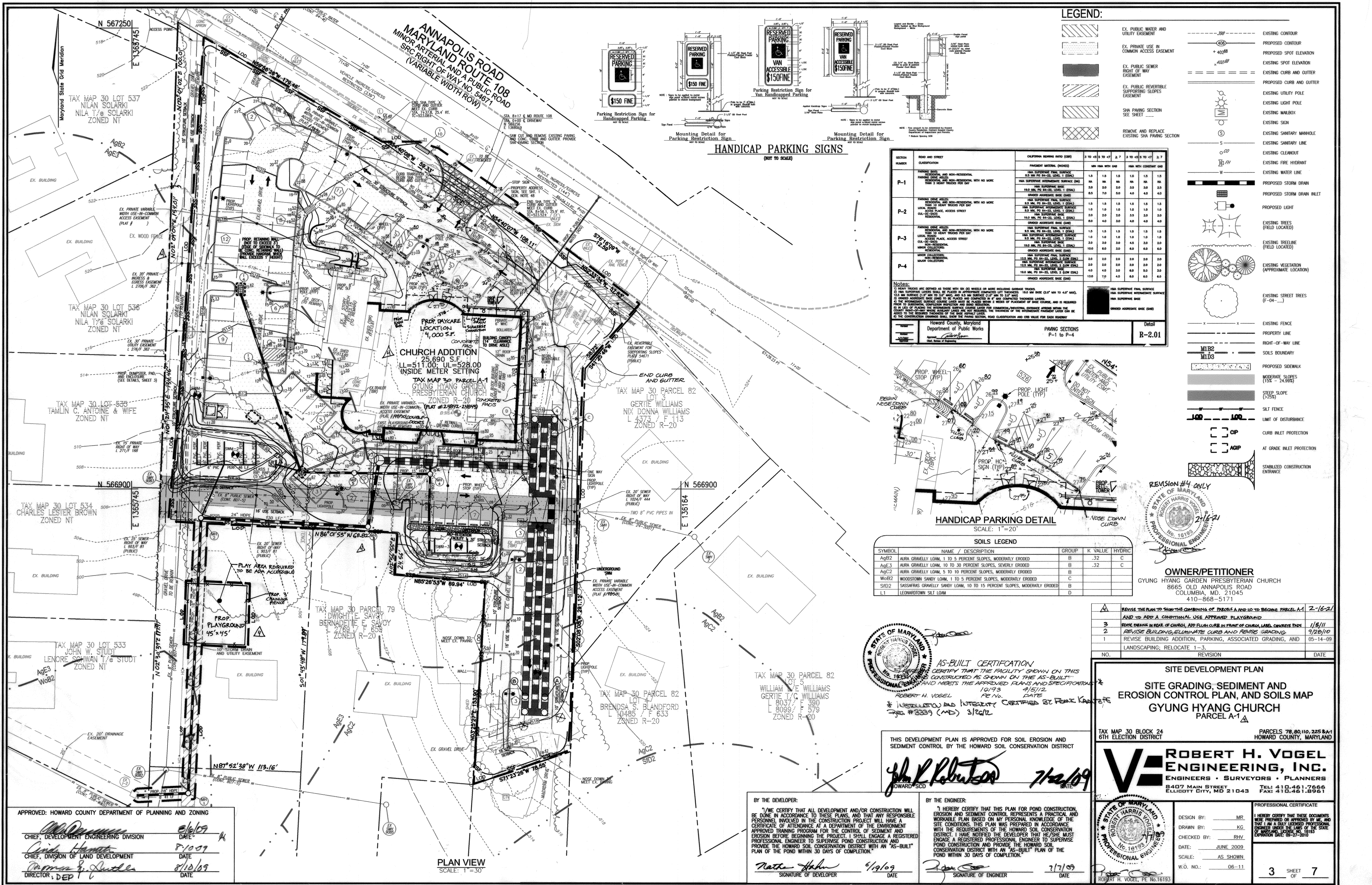
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 16193 EXPIRES ON 12-31-2010

2 SHEET OF 7

***NOTE**
THE 20' SIDE & REAR USE SETBACK FOR THIS PROJECT HAS BEEN REDUCED TO 16' BY AA-04-036 (SEE GENERAL NOTE 41 ON SHEET 1).

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION [Signature] 8/6/09
CHIEF, DIVISION OF LAND DEVELOPMENT [Signature] 8/10/09
DIRECTOR, DEP. [Signature] 8/10/09



HANDICAP PARKING SIGNS
(NOT TO SCALE)

LEGEND:

- EX. PUBLIC WATER AND UTILITY EASEMENT
- EX. PRIVATE USE IN COMMON ACCESS EASEMENT
- EX. PUBLIC SEWER RIGHT OF WAY EASEMENT
- EX. PUBLIC REVERSIBLE SUPPORTING SLOPES PAVING SECTION
- SHA PAVING SECTION SEE SHEET
- REMOVE AND REPLACE EXISTING SHA PAVING SECTION
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- EXISTING CURBS AND GUTTER
- PROPOSED CURB AND GUTTER
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING MAILBOX
- EXISTING SIGN
- EXISTING SANITARY MANHOLE
- EXISTING SANITARY LINE
- EXISTING CLEANOUT
- EXISTING FIRE HYDRANT
- EXISTING WATER LINE
- EXISTING STORM DRAIN
- PROPOSED STORM DRAIN INLET
- PROPOSED LIGHT
- EXISTING TREES (FIELD LOCATED)
- EXISTING TREELINE (FIELD LOCATED)
- EXISTING VEGETATION (APPROXIMATE LOCATION)
- EXISTING STREET TREES (FIELD LOCATED)
- EXISTING FENCE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- SOILS BOUNDARY
- PROPOSED SIDEWALK
- MODERATE SLOPES (15% - 24.99%)
- STEEP SLOPE (>25%)
- SILT FENCE
- LIMIT OF DISTURBANCE
- CIP CURB INLET PROTECTION
- AGIP AT GRADE INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE

SECTION NUMBER	ROAD AND STREET CLASSIFICATION	CALIFORNIA BEARING RATIO (CBR)	3 TO <4>	4 TO <5>	5 TO <7>	7 TO <10>	10 TO <15>	15 TO <20>	20 TO <30>
P-1	RESIDENTIAL AND NON-RESIDENTIAL PAVING (RESIDENTIAL AND NON-RESIDENTIAL WITH NO MORE THAN 3 HEAVY TRUCKS PER DAY)	MAX SUPERFINE FINISH SURFACE (SMA) 1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5
		HMA SUPERFINE INTERMEDIATE SURFACE (HMA) 2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
P-2	PARKING DRIVE WHEELS (TRAFFIC TO BE NON-RESIDENTIAL WITH NO MORE THAN 10 HEAVY TRUCKS PER DAY)	MAX SUPERFINE FINISH SURFACE (SMA) 1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
		HMA SUPERFINE INTERMEDIATE SURFACE (HMA) 2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
P-3	PARKING DRIVE WHEELS (TRAFFIC TO BE NON-RESIDENTIAL WITH NO MORE THAN 10 HEAVY TRUCKS PER DAY)	MAX SUPERFINE FINISH SURFACE (SMA) 1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
		HMA SUPERFINE INTERMEDIATE SURFACE (HMA) 2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
P-4	MINOR COLLECTOR NON-RESIDENTIAL MAJOR COLLECTOR	MAX SUPERFINE FINISH SURFACE (SMA) 1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
		HMA SUPERFINE INTERMEDIATE SURFACE (HMA) 2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

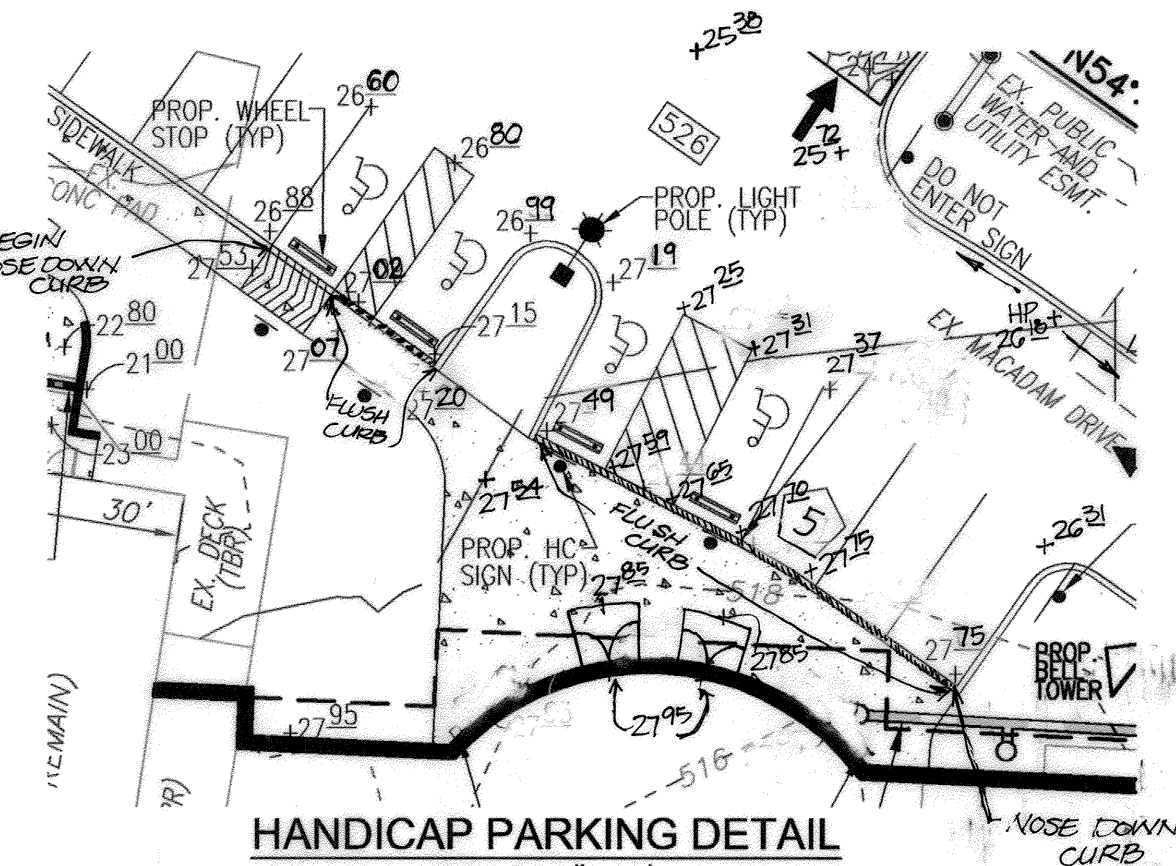
Notes:

- 1) HEAVY TRUCKS ARE DEFINED AS THOSE WITH SIX (6) WHEELS OR MORE INCLUDING GARAGE TRUCKS.
- 2) HMA SUPERFINE LAYERS SHALL BE PLACED IN APPROXIMATE COMPACTED LIFT THICKNESS: 1.80 MIN TO 4.07 MAX.
- 3) HMA SUPERFINE LAYERS SHALL BE PLACED IN APPROXIMATE COMPACTED LIFT THICKNESS: 1.80 MIN TO 4.07 MAX.
- 4) THE INTERMEDIATE SURFACE COURSE LAYERS MUST BE PLACED WITHIN 1 WEEK OF PLACEMENT OF BASE COURSE, AND IS REQUIRED FROM TO SUPERFINE COMPLETION LAYERS AND THE INTERMEDIATE SURFACE COURSE LAYERS.
- 5) IN LIEU OF PLACING THE INTERMEDIATE SURFACE COURSE LAYERS FOR COMMERCIAL/INDUSTRIAL EXPOSURE AREAS WITH THE HIGH TRAFFIC VOLUMES, THE INTERMEDIATE SURFACE COURSE LAYERS MAY BE PLACED WITHIN 1 WEEK OF PLACEMENT OF THE INTERMEDIATE SURFACE COURSE LAYERS.
- 6) THE CONSTRUCTION DRAWINGS SHALL SHOW THE PAVING SECTION, ROAD CLASSIFICATION AND CBR VALUE FOR EACH SECTION.

Howard County, Maryland
Department of Public Works

PAVING SECTIONS P-1 to P-4

Detail R-2.01



SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	GROUP	K VALUE	HYDRIC
AgB2	AURA GRAVELLY LOAM, 1 TO 5 PERCENT SLOPES, MODERATELY ERODED	B	.32	C
AgC3	AURA GRAVELLY LOAM, 10 TO 30 PERCENT SLOPES, SEVERELY ERODED	B	.32	C
AgC2	AURA GRAVELLY LOAM, 5 TO 10 PERCENT SLOPES, MODERATELY ERODED	B		
Wb2	WOODSTOWN SANDY LOAM, 1 TO 5 PERCENT SLOPES, MODERATELY ERODED	C		
SfD2	SASSAPARAS GRAVELLY SANDY LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY ERODED	B		
L1	LEONARDOTOWN SILT LOAM	D		

REVISION #4 ONLY

STATE OF MARYLAND
PROFESSIONAL ENGINEER
No. 18199
2/16/12

OWNER/PETITIONER
GYUNG HYANG GARDEN PRESBYTERIAN CHURCH
8665 OLD ANNAPOLIS ROAD
COLUMBIA, MD 21045
410-868-5171

STATE OF MARYLAND
PROFESSIONAL ENGINEER
No. 18199
2/16/12

AS-BUILT CERTIFICATION
I HEREBY CERTIFY THAT THE FACILITY SHOWN ON THIS PLAN WAS CONSTRUCTED AS SHOWN ON THE AS-BUILT PLAN AND MEETS THE APPROVED PLANS AND SPECIFICATIONS.
10/19/12 DATE
ROBERT H. VOGEL PE No. 18199

* I USE/RELY ON THE DATA PROVIDED BY THE DEVELOPER AND I HAVE NOT CONDUCTED ANY FIELD VERIFICATION.
3/26/12 DATE
JES #3339 (MD)

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

John L. Roberts
HOWARD SCD

BY THE DEVELOPER:
"I WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR 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."
Nathaniel John 4/19/09 DATE
SIGNATURE OF DEVELOPER

BY THE ENGINEER:
"I HEREBY 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."
Robert H. Vogel 7/17/09 DATE
SIGNATURE OF ENGINEER

NO.	REVISION	DATE
1	REVISE PLAN TO SHOW THE COMBINING OF PARCELS A AND 10 TO BECOME PARCEL A-1 AND TO ADD A CONDITIONAL USE APPROVED PLAYGROUND	2-16-12
2	REVISE PLAN IN REAR OF CHURCH, ADD FLUSH CURB IN FRONT OF CHURCH, LAND CONCRETE PADS	1/5/11
3	REVISE BUILDING, ELIMINATE CURB AND REVISE GRADING	9/20/10
1	REVISE BUILDING ADDITION, PARKING, ASSOCIATED GRADING, AND LANDSCAPING; RELOCATE 1-3.	05-14-09

SITE DEVELOPMENT PLAN
SITE GRADING, SEDIMENT AND EROSION CONTROL PLAN, AND SOILS MAP
GYUNG HYANG CHURCH
PARCEL A-1

TAX MAP 30 BLOCK 24
6TH ELECTION DISTRICT

PARCELS 78.80, 110, 225 & 41
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET ELLICOTT CITY, MD 21043
TEL: 410.461.7666 FAX: 410.461.8961

STATE OF MARYLAND
PROFESSIONAL ENGINEER
No. 18199
2/16/12

DESIGN BY: MR.
DRAWN BY: KG
CHECKED BY: RHV
DATE: JUNE 2009
SCALE: AS SHOWN
W.O. NO.: 06-11

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. 18199, EXPIRATION DATE 06-27-2010

3 SHEET OF 7

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

John L. Roberts 8/6/09 DATE
CHIEF, DEVELOPMENT ENGINEERING DIVISION

Carol Hamilton 8/10/09 DATE
CHIEF, DIVISION OF LAND DEVELOPMENT

Norman S. Swindle 8/10/09 DATE
DIRECTOR, DEP

PLAN VIEW
SCALE: 1"=30'

LANDSCAPE SCHEDULE NOTE:

- ALL PLANT MATERIALS SHALL BE FULL AND HEAVY, BE WELL FORMED AND SYMMETRICAL, CONFORM TO THE MOST CURRENT ANS SPECIFICATIONS AND BE INSTALLED IN ACCORDANCE WITH HOWARD COUNTY PLANTING SPECIFICATIONS.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
- FINAL LOCATION OF PLANT MATERIAL MAY NEED TO VARY TO MEET FINAL FIELD CONDITIONS. TREES SHALL NOT BE PLANTED IN THE BOTTOM OF DRAINAGE SWALES.
- CONTRACTOR SHALL VERIFY PLANT QUANTITIES PRIOR TO BIDDING. IF PLAN DIFFERS FROM LANDSCAPE SCHEDULE, THE PLAN SHALL GOVERN.

BGE NOTES:

- THE PROPOSED LANDSCAPING ON WIREZONE (45' FROM BGE POLES) IS IN ACCORDANCE WITH BGE LIST OF TREES AND PLANTS, AS SHOWN ON THIS PLAN.
- BGE RESERVES THE RIGHT TO TRIM, TOP OR CUT DOWN ANY TREE IN PROXIMITY TO THE LINE THAT IN THE OPINION OF BGE SHALL BE DEEMED A HAZARD TO THE SAFE AND RELIABLE DELIVERY OF ELECTRICITY.

**SCHEDULE B
PARKING LOT INTERNAL LANDSCAPING**

Number of parking spaces	94
Number of trees required (1:20 Spaces)	5
Number of trees provided	5
Shade Trees	5
Other Trees (2:1 Substitution)	5

KEY	QUAN.	BOTANICAL NAME	SIZE	CAT
SHADE AR	17	ASER REDBIRM OCTOBER GLORY RED MAPLE	2 1/2"-3" CAL.	B & B
SHADE QR	4	QUERCUS PHellos YELLOW OAK	2 1/2"-3" CAL.	B & B
SHADE AB	7	ACER PALMATUM "BLOODGOOD" BLOODGOOD JAPANESE RED MAPLE	4"-6" HT. (MAX. HEIGHT=20')	B & B
EVERGREEN PS	82	PRUNUS SPINOSA EASTERN WHITE PINE	6"-8" HT.	B & B
EVERGREEN TN	35	TAXUS OCCIDENTALIS "NIGRA" NIGRA ARBORVITAE	4"-5" HT. (MAX. HEIGHT=20')	B & B
SHRUBS TD	106	TAKUS MEDIA "DENSIFORMIS" DENSIFORMIS YEW	2 1/2"-3" HT.	B & B
SHADE CC	10	CORNELIAN CHERRY CORNUS MAS (SHADE TREES - GROWTH HEIGHT=25')	2 1/2"-3" HT.	B & B

LEGEND:

	EX. PUBLIC WATER AND UTILITY EASEMENT		EXISTING CONTOUR
	EX. PRIVATE USE IN COMMON ACCESS EASEMENT		PROPOSED CONTOUR
	EX. PUBLIC SEWER RIGHT OF WAY EASEMENT		EXISTING SPOT ELEVATION
	EX. PUBLIC REVERSIBLE SLOPING EASEMENT		EXISTING CURB AND GUTTER
	SHAW PAVING SECTION SEE SHEET		EXISTING UTILITY POLE
	REMOVE AND REPLACE EXISTING SHAW PAVING SECTION		EXISTING LIGHT POLE
			EXISTING MAILBOX
			EXISTING SIGN
			EXISTING SANITARY MANHOLE
			EXISTING SANITARY LINE
			EXISTING CLEANOUT
			EXISTING FIRE HYDRANT
			EXISTING WATER LINE
			EXISTING FENCE
			PROPERTY LINE
			RIGHT-OF-WAY LINE
			SOILS BOUNDARY
			PROPOSED STORM DRAIN
			PROPOSED STORM DRAIN INLET
			PROPOSED LIGHT
			PROPOSED SIDEWALK
			PROPOSED LIGHT POLE
			PROPOSED SHADE TREE
			PROPOSED EVERGREEN TREE
			PROPOSED SHRUBS
			LANDSCAPE PERIMETER

**SCHEDULE 'A'
PERIMETER LANDSCAPE EDGE**

CATEGORY	ADJACENT TO PERL PROPERTIES AND ROADS											TOTAL
	1	2	***D	***D	***D	***D	***D	***D	***D	***D	***D	
PERIMETER/FRONTAGE DESIGNATION	1	2	***D	***D	***D	***D	***D	***D	***D	***D	***D	11
LANDSCAPE TYPE	E	E	D	D	D	D	D	D	D	D	D	C
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	244	141	286	64	399	118	25	100	154	70	34	1035
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET DESCRIBE BELOW IF NEEDED)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET DESCRIBE BELOW IF NEEDED)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
NUMBER OF PLANTS REQUIRED												
SHADE TREES	1:40	6	1:40	4	1:60	5	1:60	7	1:40	3	1:60	3
EVERGREEN TREES	1:40	6	1:40	4	1:60	5	1:60	7	1:40	3	1:60	3
SHRUBS	1:4	61	1:4	35	1:10	29	1:10	40	1:10	15	1:10	17
NUMBER OF PLANTS PROVIDED												
SHADE TREES	6	4	5	1	7	3	3	2	3	1	1	33
EVERGREEN TREES	6	4	5	1	7	3	3	2	3	1	1	33
OTHER TREES (2:1 SUBSTITUTION)	61	35	29	6	40	6	3	10	15	7	1	117
SHRUBS (10:1 SUBSTITUTION)	61	35	29	6	40	6	3	10	15	7	1	117
DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED												10**

* LANDSCAPE EDGE 'D' IS PROVIDED TO COMPLY WITH THE CONDITIONS OF AA CASE NO. 04-036
 ** SUBSTITUTE TO SHRUBS FOR ONE EVERGREEN TREE AT IMPERATED AREA.
 *** LANDSCAPE EDGE 'D' IS PROVIDED TO COMPLY WITH CONDITIONS OF 04-56-C, A-04-36.

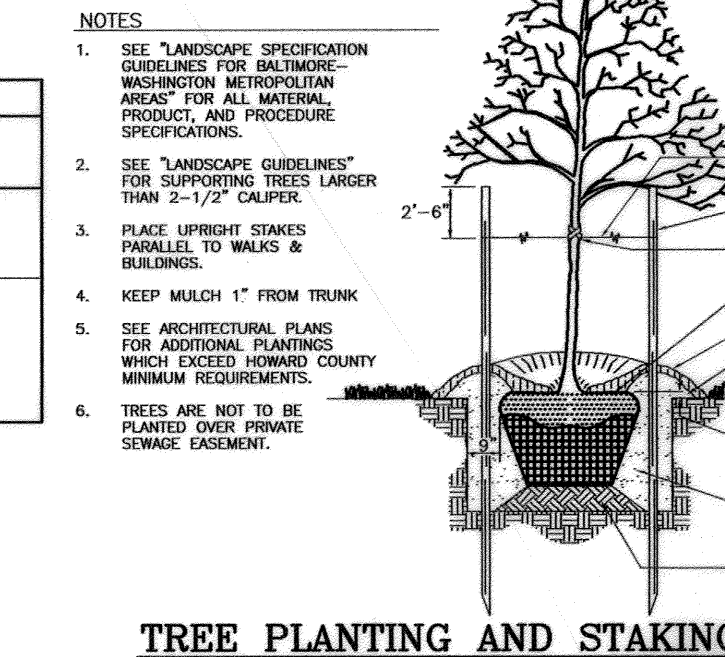
KEY	COMMUNITY TYPE	ACREAGE	DOMINANT VEGETATION	GENERAL CONDITION
L	LAWN	2.4	LAWN GRASSES AND ORNAMENTAL SPECIES INCLUDING LILAC, APPLE, RED MAPLE	GOOD
H	HEDGEROW	0.1	ROBINA PSEUDO-ACACIA, LINDENORON TULIPIFERA, PRUNUS SEROTINA, FRAXINUS PENNSYLVANICA, LONICERA JAPONICA	FAIR

VEGETATIVE/LAND USE NOTES:
 THE SUBJECT PROPERTY IS CURRENTLY UTILIZED AS A CHURCH FACILITY. THIS INCLUDES AN ACTIVE CHURCH BUILDING, TEMPORARY TRAILER, A BLOCK FOUNDATION FOR FUTURE DEVELOPMENT, PARKING AREAS AND LAWN. THE MAJORITY OF THE SITE IS DOMINATED BY MOWED LAWN. IN THE REAR OF THE PROPERTY, ALONG THE BOUNDARY WITH THE SANDY PROPERTIES, A SCATTERED HEDGEROW, WOODED AREA HAS DEVELOPED. THIS AREA IS DOMINATED BY YOUNG TO POLE AGE BLACK LOCUST, TULIP POPLAR, BLACK CHERRY, TREE-OF-HEAVEN AND GREEN ASH. THE TREES ARE TYPICALLY 6-12 INCH DIAMETER AND GREATEST HEIGHT WITH SCATTERED LARGER INDIVIDUALS. THE GROUND COVER OF THE HEDGEROW IS DOMINATED BY RASPBERRIES, GRAPE VINE AND JAPANESE HONEYSUCKLE. NO FOREST OR SPECKMIR TREES ARE PRESENT ON THE SITE.
 NO PORTION OF THE SITE IS ENCUMBERED BY THE WETLANDS, STREAMS OR BUFFERS.

FOREST CONSERVATION WORKSHEET

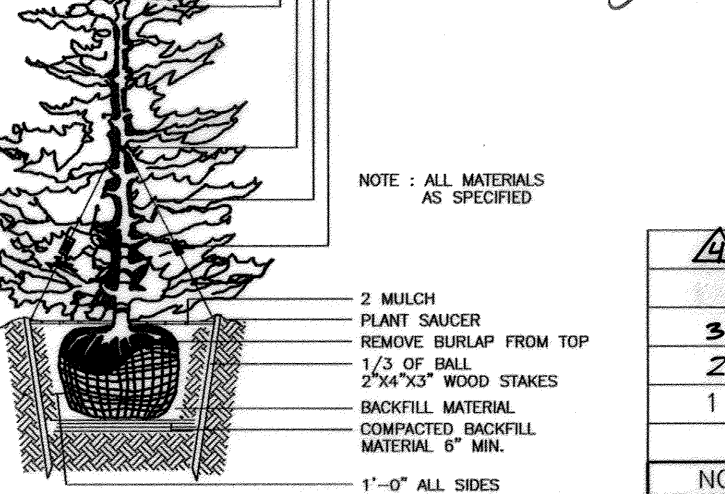
NET TRACT AREA:		
A. TOTAL TRACT AREA		2.50 AC
B. AREA WITHIN 100 YEAR FLOODPLAIN		0.00 AC
C. AREA TO REMAIN IN AGRICULTURAL PRODUCTION		0.00 AC
D. NET TRACT AREA		2.50 AC
LAND USE CATEGORY (FROM TABLE 3.2.1, PAGE 40, MANUAL)		
INPUT THE NUMBER "1" UNDER THE APPROPRIATE LAND USE ZONING, AND LIMIT TO ONLY ONE ENTRY.		
ARA	MDR	IDA
0	0	0
E. AFFOREST THRESHOLD		15% X D = 0.38 AC
F. CONSERVATION THRESHOLD		20% X D = 0.50 AC
EXISTING FOREST COVER:		
G. EXISTING FOREST COVER (EXCLUDING FLOODPLAIN)		0 AC
H. AREA OF FOREST ABOVE CONSERVATION THRESHOLD		0 AC
I. AREA OF FOREST ABOVE CONSERVATION THRESHOLD		0 AC
BREAK EVEN POINT:		
J. FOREST RETENTION ABOVE THRESHOLD WITH NO MITIGATION		0 AC
K. CLEARING PERMITTED WITHOUT MITIGATION		0 AC
PROPOSED FOREST CLEARING:		
L. TOTAL AREA OF FOREST TO BE CLEARED OR RETAINED OUTSIDE FCE		0 AC
M. TOTAL AREA OF FOREST TO BE RETAINED IN FCE		0 AC
PLANTING REQUIREMENTS:		
N. REFORESTATION FOR CLEARING ABOVE CONSERVATION THRESHOLD		0 AC
P. REFORESTATION FOR CLEARING BELOW CONSERVATION THRESHOLD		0 AC
Q. CREDIT FOR RETENTION ABOVE CONSERVATION THRESHOLD		0 AC
R. TOTAL REFORESTATION REQUIRED		0 AC
S. TOTAL AFFORESTATION REQUIRED		0.38 AC
T. TOTAL REFORESTATION AND AFFORESTATION REQUIRED		0.38 AC

THE FOREST CONSERVATION OBLIGATIONS WILL BE FULFILLED BY A FEE-IN-LIEU PAYMENT IN THE AMOUNT OF \$12,414.60 FOR THE 16,352.80 SF OF FOREST REQUIRED.



GENERAL NOTES:

- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. THE REQUIRED PARKING AND PERIMETER LANDSCAPING WILL BE BONDED PER THIS SUBMISSION.
- FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$32,130.00 FOR THE REQUIRED 38 SHADE TREES, 117 EVERGREEN TREES AND 106 SHRUBS.
- AT THE TIME OF INSTALLATION, ALL SHRUBS AND OTHER PLANTINGS HERE WITH LISTED AND APPROVED FOR THIS SITE, SHALL BE OF THE PROPER HEIGHT REQUIREMENTS IN ACCORDANCE WITH THE HOWARD COUNTY LANDSCAPING MANUAL. IN ADDITION, NO SUBSTITUTIONS OR RELOCATION OF REQUIRED PLANTINGS MAY BE MADE WITHOUT PRIOR REVIEW AND APPROVAL FROM THE DEPARTMENT OF PLANNING AND ZONING.



OWNER/PETITIONER

GYUNG HYANG GARDEN PRESBYTERIAN CHURCH
 8665 OLD ANNAPOLIS ROAD
 COLUMBIA, MD. 21045
 410-868-5171

DEVELOPER'S/BUILDER'S CERTIFICATE

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE (1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

DESIGN BY: MR. [Signature]
 DRAWN BY: KG.
 CHECKED BY: RHY.
 DATE: JUNE 2009
 SCALE: AS SHOWN
 W.O. NO.: 06-11

**SITE DEVELOPMENT PLAN
 SITE LANDSCAPE AND
 FOREST CONSERVATION PLAN
 GYUNG HYANG CHURCH
 PARCEL A-1**

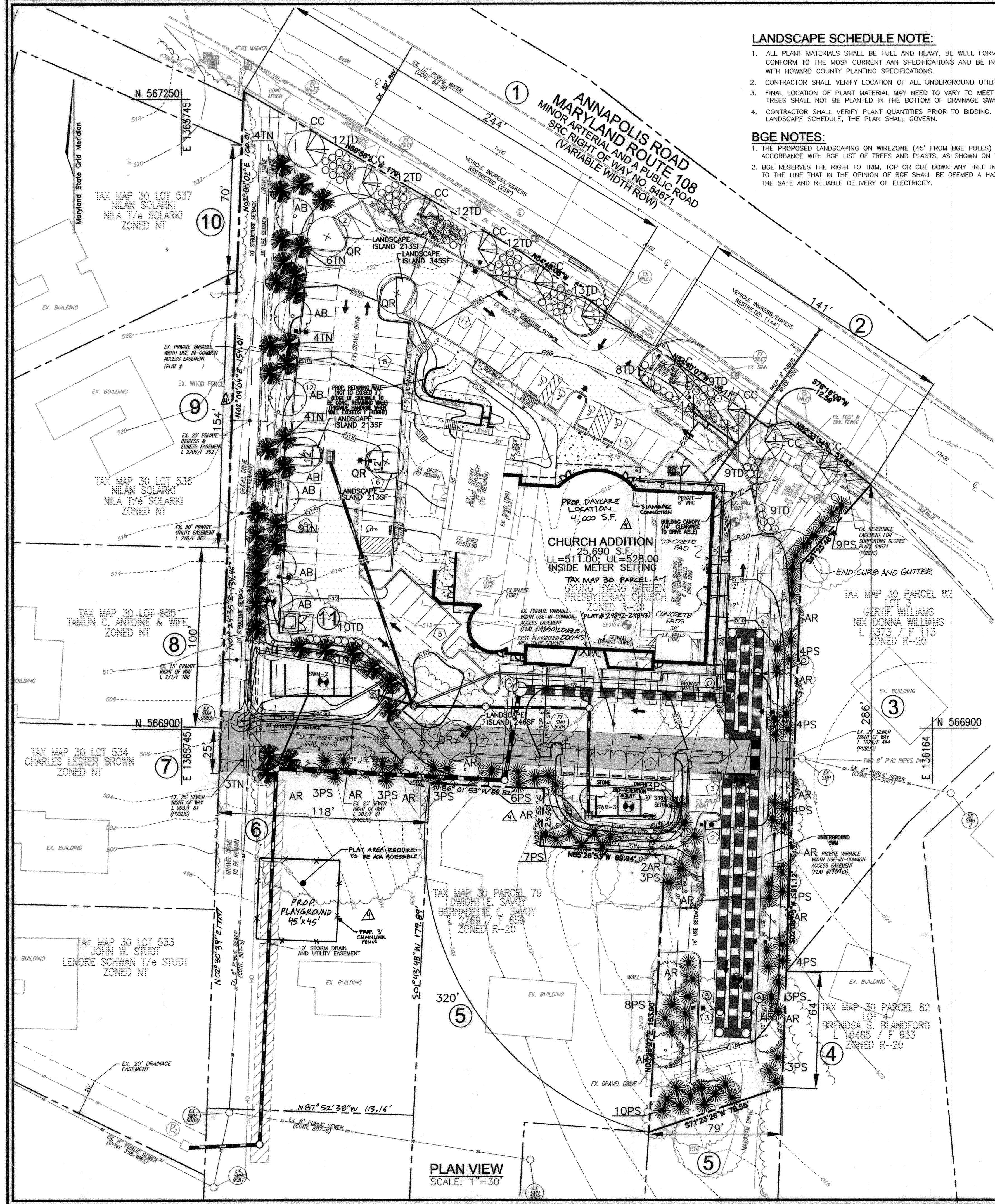
TAX MAP 30 BLOCK 24
 6TH ELECTION DISTRICT

PARCELS 78, 80, 110, 225&A-1
 HOWARD COUNTY, MARYLAND

**ROBERT H. VOGEL
 ENGINEERING, INC.**
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET
 ELLICOTT CITY, MD 21043
 TEL: 410.461.7666
 FAX: 410.461.8961

PROFESSIONAL CERTIFICATE
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 EXPIRATION DATE: 06-27-2010

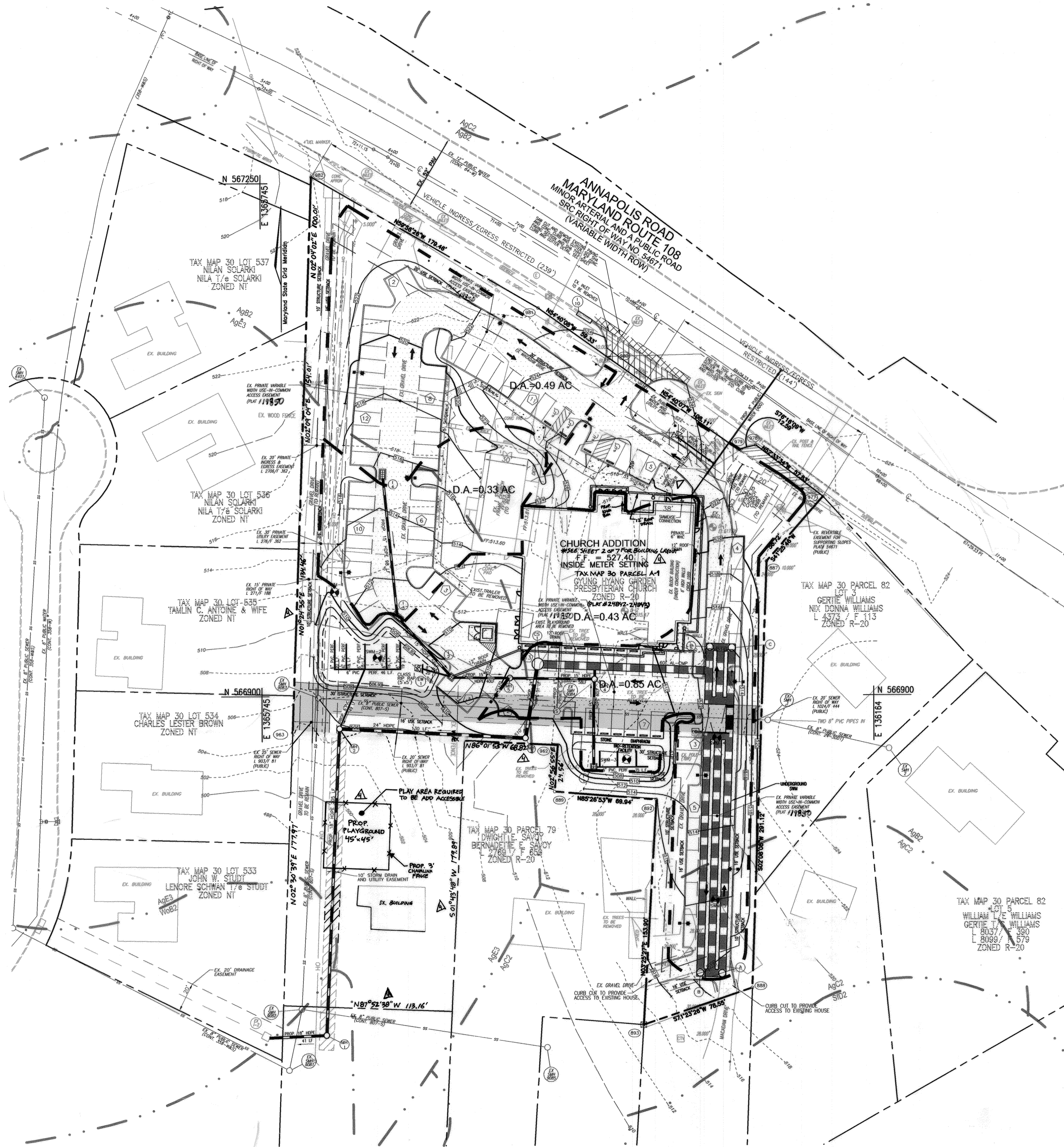
5 SHEET OF 7
 AS-BUILT 4/5/2012
 SDP-07-077



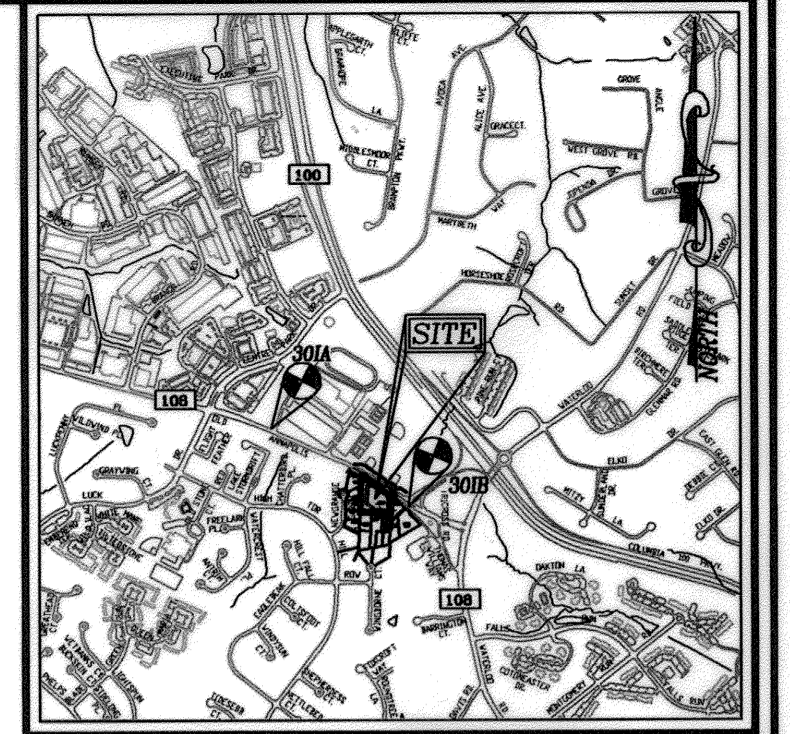
K:\Projects\06-11\ENGR\06-11\ENGR\06-11\REPLACEMENT_CDOS_LANDSCP.dwg, 6/9/2009 10:22:08 AM

LEGEND:

- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- EXISTING CURB AND GUTTER
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING MAILBOX
- EXISTING SIGN
- EXISTING SANITARY MANHOLE
- EXISTING SANITARY LINE
- EXISTING CLEANOUT
- EXISTING FIRE HYDRANT
- EXISTING WATER LINE
- EXISTING TREES (FIELD LOCATED)
- EXISTING TREELINE (FIELD LOCATED)
- EXISTING VEGETATION (APPROXIMATE LOCATION)
- EXISTING STREET TREES (F-04-...)
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- M1B2 --- SOILS BOUNDARY
- M1D3 --- PROPOSED LIGHT
- EX. PUBLIC WATER AND UTILITY EASEMENT
- EX. PRIVATE USE IN COMMON ACCESS EASEMENT
- EX. PUBLIC SEWER RIGHT OF WAY EASEMENT
- EX. PUBLIC REVERSIBLE SUPPORTING SLOPES EASEMENT
- SHA PAVING SECTION SEE SHEET ---
- REMOVE AND REPLACE EXISTING SHA PAVING SECTION



PLAN VIEW
SCALE: 1"=40'



VICINITY MAP
SCALE: 1"=2000'

OWNER/PETITIONER
GYUNG HYANG GARDEN PRESBYTERIAN CHURCH
8665 OLD ANNAPOLIS ROAD
COLUMBIA, MD. 21045
410-868-5171

NO.	REVISION	DATE
1	REVISE THE PLAN TO SHOW THE COMBINING OF PARCELS A AND 10 TO BECOME PARCEL 2-16-21 A-1 AND TO ADD A CONDITIONAL USE APPROVED PLAYGROUND	

SITE DEVELOPMENT PLAN
STORM DRAIN DRAINAGE AREA MAP
AND UTILITY PROFILES
GYUNG HYANG CHURCH
PARCEL A-1
TAX MAP 30 BLOCK 24 PARCELS 79, 80, 110, 225 & A-1
6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL
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ENGINEERS • SURVEYORS • PLANNERS
2407 MAIN STREET ELLICOTT CITY, MD 21043 TEL: 410.461.7666 FAX: 410.461.8961

PROFESSIONAL CERTIFICATE

STATE OF MARYLAND
ROBERT H. VOGEL
NO. 18193
PROFESSIONAL ENGINEER

DESIGN BY: MR
DRAWN BY: KG
CHECKED BY: RHV
DATE: MARCH 2008
SCALE: AS SHOWN
W.O. NO.: 06-11

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. 18193, EXPIRES DATE: 03-31-2008

7 SHEET OF 7

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE: 4/16/08

CHIEF, DIVISION OF LAND DEVELOPMENT DATE: 4/21/08

DIRECTOR DATE: 4/23/08

