

GENERAL NOTES:

- AREA OF PROPERTY 9.786 AC.
- PRESENT ZONING R-12
- LIBER 1224, FOLIO 714
- TAX MAP 42
- BLOCKS 8 AND 14
- PARCEL 55
- THE BUILDING IS TO BE SPRINKLED
- THE PURPOSE OF THIS SITE DEVELOPMENT PLAN IS TO CONSTRUCT A 3348 SQ. FT. OFFICE AND 9244 SQ. FT. SUNDAY SCHOOL CLASSROOM ADDITIONS TO AN EXISTING RELIGIOUS FACILITY AND TO ADD A NEW PARKING AREA.
- BA CASE NO. 99-03E APPROVAL CONDITIONS
 - STRUCTURE USED PRIMARILY FOR RELIGIOUS ACTIVITIES
 - EXISTING WOODS ALONG GUILDFORD ROAD TO REMAIN OR TYPE B LANDSCAPE PLANTED
 - SEATING CAPACITY OF CHURCH NOT TO EXCEED 600
 - COMPLY WITH ALL FEDERAL, STATE AND COUNTY LAWS AND REGULATIONS
- PREVIOUS SDP 91-108
- LANDSCAPING FOR THE ENTIRE PARKING AREAS ON THIS SITE IS REQUIRED PER THE LANDSCAPING MANUAL SINCE THE NUMBER OF PARKING SPACES WILL INCREASE BY 50% OR MORE FROM THE EXISTING 67 SPACES TO 203 SPACES. THE REQUIRED SURETY IN THE AMOUNT OF \$50,000 SHALL BE MADE AS A PART OF THE DEVELOPER'S AGREEMENT.
- FOREST CONSERVATION OBLIGATIONS HAVE BEEN MET BY FILING OF A DECLARATION OF INTENT PER SECTION 16.1202 (b)(2)(D) OF THE HOWARD COUNTY CODE FOR THE REMOVAL OF LESS THAN 40,000 SQ. FT. OF EXISTING FOREST AREA CLEARING OF 36,000 +/- SQ. FT. OF EXISTING FOREST AREA IS PROPOSED WITH THIS SITE PLAN.
- 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 THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF CONSTRUCTION INSPECTION AT (410) 313-1800 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK AT.
- 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.
- ALL PLAN DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- CONTOURS AND SURVEY INFORMATION WERE TAKEN FROM PLANS PREPARED BY REALTY ENGINEERING, INC. FOR SDP 91-108.
- THE HORIZONTAL AND VERTICAL DATUMS USED 42E2.
- WATER AND SEWER ARE PUBLIC CONTRACT NUMBER 628 WNS PROJECT S-6654.
- TYPE OF STORMWATER MANAGEMENT CONTROL IS VIA ON SITE DETENTION POND AND BAYSAYER MOD. 3K SYSTEM.
- THE WETLANDS DELINEATION STUDY, COMPILED AND APPROVED BY HOWARD COUNTY FOR SDP 91-108.
- THE APPD IS APPROVED BASED ON THE FACILITY BEING OPERATED AT OFF PEAK HOURS.
- STORMWATER MANAGEMENT FACILITY WILL BE PRIVATELY OWNED AND MAINTAINED.
- EXISTING UTILITIES WERE LOCATED FROM AS BUILT DRAWINGS PREPARED UNDER SDP 91-108.

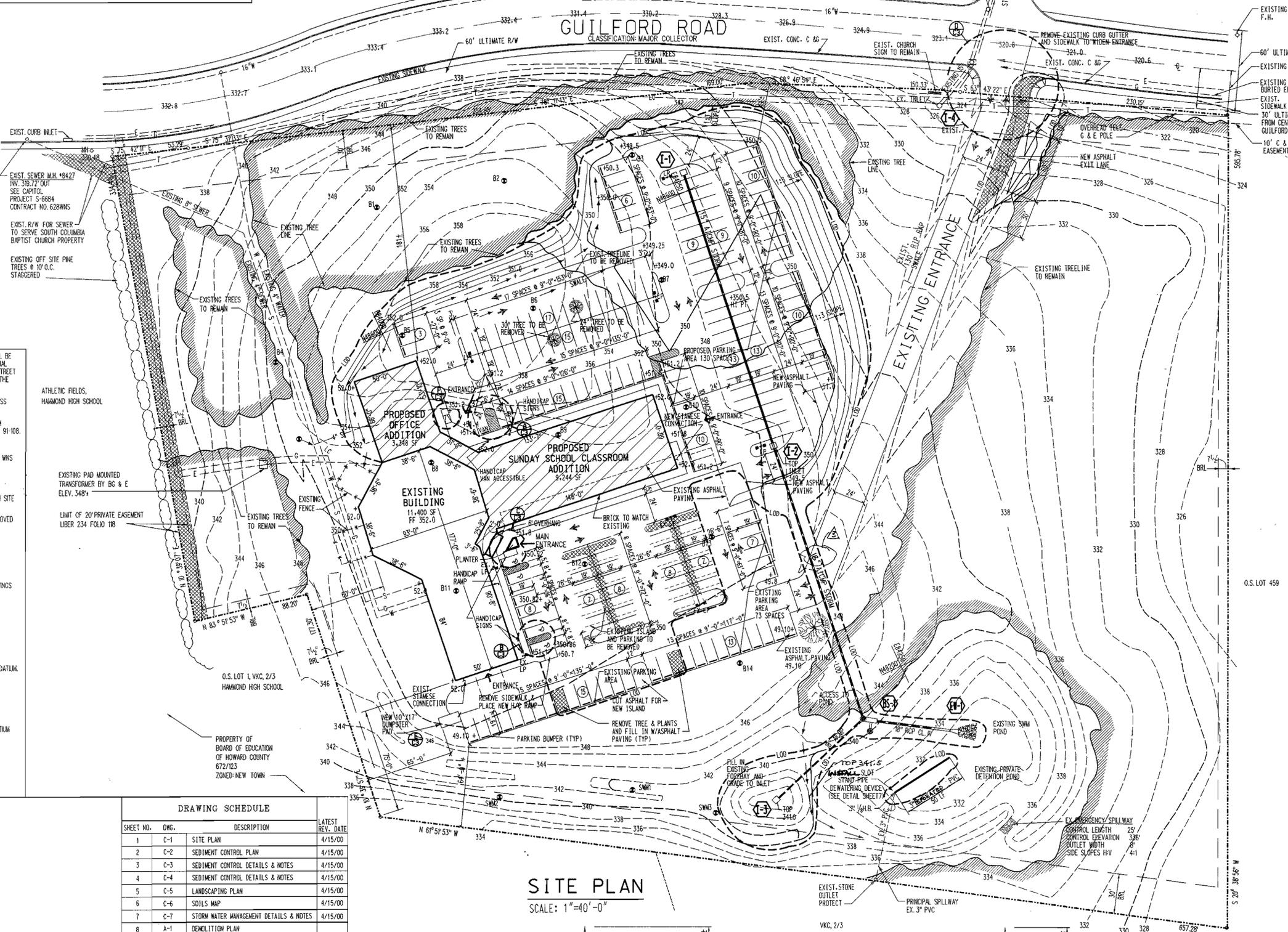
DATUM NOTE: NEW ADDITION IS TO BE CONTROLLED FROM EXISTING BUILDING LOCATION AND ELEVATION.

BENCHMARK CONTROL
HOWARD COUNTY CONTROL 42E3
MARYLAND NAD83 (HORIZONTAL) AND NAVD29 (VERTICAL) DATUM
NORTHING: 546528.852 FT
EASTING: 1517694.405
ELEVATION: 306.490
NAD27: N 48578.0 FT
E 845475.9 FT

HOWARD COUNTY CONTROL 42E4
MARYLAND NAD83 (HORIZONTAL) AND NAVD29 (VERTICAL) DATUM
NORTHING: 544850.222 FT
EASTING: 1516466.466 FT
ELEVATION: 337.594 FT
NAD27: N 48402.1 FT
E 847048.0 FT

SHEET INDEX

SHEET NO.	DESCRIPTION
SHEET 1	SITE PLAN
SHEET 2	SEDIMENT CONTROL PLAN
SHEET 3	SEDIMENT CONTROL DETAILS & NOTES
SHEET 4	SEDIMENT CONTROL DETAILS & NOTES
SHEET 5	LANDSCAPING PLAN
SHEET 6	SOILS MAP
SHEET 7	STORM WATER MANAGEMENT DETAILS AND NOTES



APPROVED: DEPARTMENT OF PLANNING AND ZONING

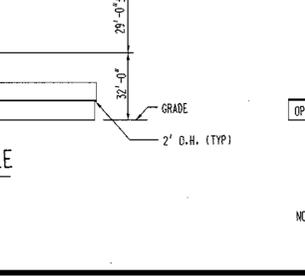
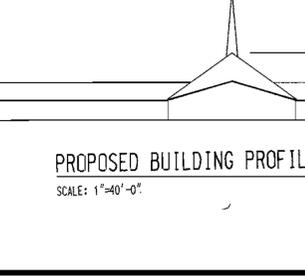
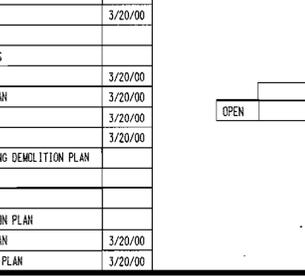
[Signature] 6/29/00
CHIEF, DEVELOPMENT ENGINEERING DIVISION

[Signature] 6/30/00
CHIEF, DIVISION OF LAND DEVELOPMENT

[Signature] 7/3/00
DIRECTOR

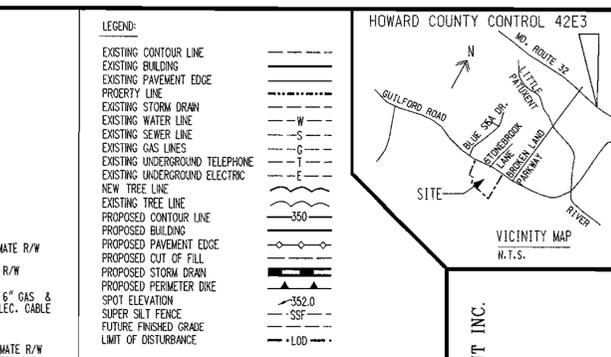
DRAWING SCHEDULE

SHEET NO.	DWG.	DESCRIPTION	LATEST REV. DATE
1	C-1	SITE PLAN	4/15/00
2	C-2	SEDIMENT CONTROL PLAN	4/15/00
3	C-3	SEDIMENT CONTROL DETAILS & NOTES	4/15/00
4	C-4	SEDIMENT CONTROL DETAILS & NOTES	4/15/00
5	C-5	LANDSCAPING PLAN	4/15/00
6	C-6	SOILS MAP	4/15/00
7	C-7	STORM WATER MANAGEMENT DETAILS & NOTES	4/15/00
8	A-1	DEMOLITION PLAN	
9	A-2	FLOOR PLAN	3/20/00
10	A-3	ELEVATIONS	
11	A-4	DETAILS AND SECTIONS	
12	A-5	SCHEDULES & DETAILS	3/20/00
13	S-1	FOUNDATION FLOOR PLAN	3/20/00
14	S-2	ROOF FRAMING PLAN	3/20/00
15	S-3	STRUCTURAL NOTES	3/20/00
16	MP-1	MECHANICAL & PLUMBING DEMOLITION PLAN	
17	M-2	HVAC PLAN	
18	P-2	PLUMBING PLAN	
19	E-1	ELECTRICAL DEMOLITION PLAN	
20	E-2	ELECTRICAL POWER PLAN	3/20/00
21	E-3	ELECTRICAL LIGHTING PLAN	3/20/00



NOTE: THE MAXIMUM HEIGHT ALLOWED IN THE R-12 ZONING DISTRICT FOR RELIGIOUS FACILITY IS 34' UNLESS OTHERWISE APPROVED BY THE BOARD OF APPEALS. SPIRALS, STEEPLES AND BELTORIES ARE EXEMPT FROM HEIGHT REQUIREMENTS PER SECTION 128.A.3.D. OF THE HOWARD COUNTY ZONING REGULATIONS.

OWNER: TRUSTEES SOUTH COLUMBIA BAPTIST CHURCH
8814 GUILDFORD RD.
COLUMBIA, MD 21045



SITE ANALYSIS DATA CHART

- TOTAL AREA: 9.786 AC. PR. 426,278 SF
- PROPOSED USE: OFFICE AND SUNDAY SCHOOL EDUCATIONAL EXPANSION TO AN EXISTING RELIGIOUS FACILITY AND NEW PARKING
- NUMBER OF STORES: ONE
- EXISTING FLOOR AREA: 11,400 S.F.
PROPOSED FLOOR AREA: 12,582 S.F.
TOTAL FLOOR AREA: 23,982 S.F.
- BUILDING HEIGHT: EXISTING 32'-0", PROPOSED 32'-0"
- TOTAL SEATING CAPACITY: EXISTING 256, PROPOSED 600
- DISTURBED AREA: 2.1 AC.
- TOTAL VOLUME OF SPILL: ZERO
- TOTAL VOLUME OF BURROW: ZERO

LOT COVERAGE:

BLDG. AREA: EXISTING	11,400 SQ. FT.
PROPOSED OFFICE AREA	3,148 SQ. FT.
PROPOSED ED. CLASSROOMS	9,244 SQ. FT.
TOTAL BLDG. COVERAGE	23,992 SQ. FT.
BLDG. COVERAGE, EXISTING	2.67%
TOTAL BLDG. COVERAGE, EXISTING & PROPOSED	5.63%

PARKING CALCULATIONS:

EXISTING SANCTUARY SEATS	256
PROPOSED ADDITIONAL SEAT SEATS (AFTER INTERIOR ALTERATIONS)	600
TOTAL NUMBER OF SEAT SEATS	600
NO. OF PARKING SPACES REQUIRED FOR SANCTUARY	200
NO. OF STUDENTS FOR ED. CLASSES ARE HELD AT THE SAME TIME AS THE RELIGIOUS SERVICES)	0
NO. OF PARKING SPACES REQUIRED FOR ED. CLASSES	0
NO. OF PARKING SPACES EXISTING	67
TOTAL NO. OF PARKING SPACES REQUIRED	200
TOTAL NO. OF PARKING SPACES PROVIDED	203
HANDICAPPED PROVIDED	6 SPACES
HANDICAPPED SPACE	8' X 19' W/5' COMMON ISLE
REGULAR PARKING SPACE	9' X 19'

GENERAL NOTES:

- CONTRACTOR IS TO NOTIFY HOWARD CO. INSPECTOR 24 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION AT 792-7272
- ALL WORK IS TO BE DONE IN ACCORDANCE WITH HOWARD COUNTY SPECIFICATIONS TO GOVERN IN CASE OF CONFLICT.

ADDRESS CHART

PAR. NUMBER	STREET ADDRESS
55	8814 GUILDFORD ROAD

ENGINEER:

ROBERT FULLER
P.E. #21097
4000 MITCHELLVILLE ROAD
SUITE 404
BOWIE, MARYLAND 20716
(301) 262-6106

[Signature]

REV. DISCIP. DATE

C-1

SHEET 1 of 7
DRAWN BY: R. HARRITAN
DATE: 11/20/99

HOWARD COUNTY CONTROL 42E3

VICINITY MAP N.T.S.

MARYLAND CONSTRUCTION MANAGEMENT INC.
THE OMNI BUILDING
4000 MITCHELLVILLE ROAD
SUITE A-404
BOWIE, MARYLAND
(301) 262-6106

SITE PLAN

SOUTH COLUMBIA BAPTIST CHURCH
ADDITION AND ALTERATION
8814 GUILDFORD ROAD
COLUMBIA, MARYLAND
PASTOR STEVEN NEEL
TAX MAP 42, PARCEL 55, SIXTH ELECTION DISTRICT

REVIEW FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS

U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE
 DATE: 6/26/00

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 DATE: 6/24/00

BY THE ENGINEER:
 DATE: 04-28-00

"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: ROBERT FULLER
 DATE: 04-28-00

SHEET INDEX

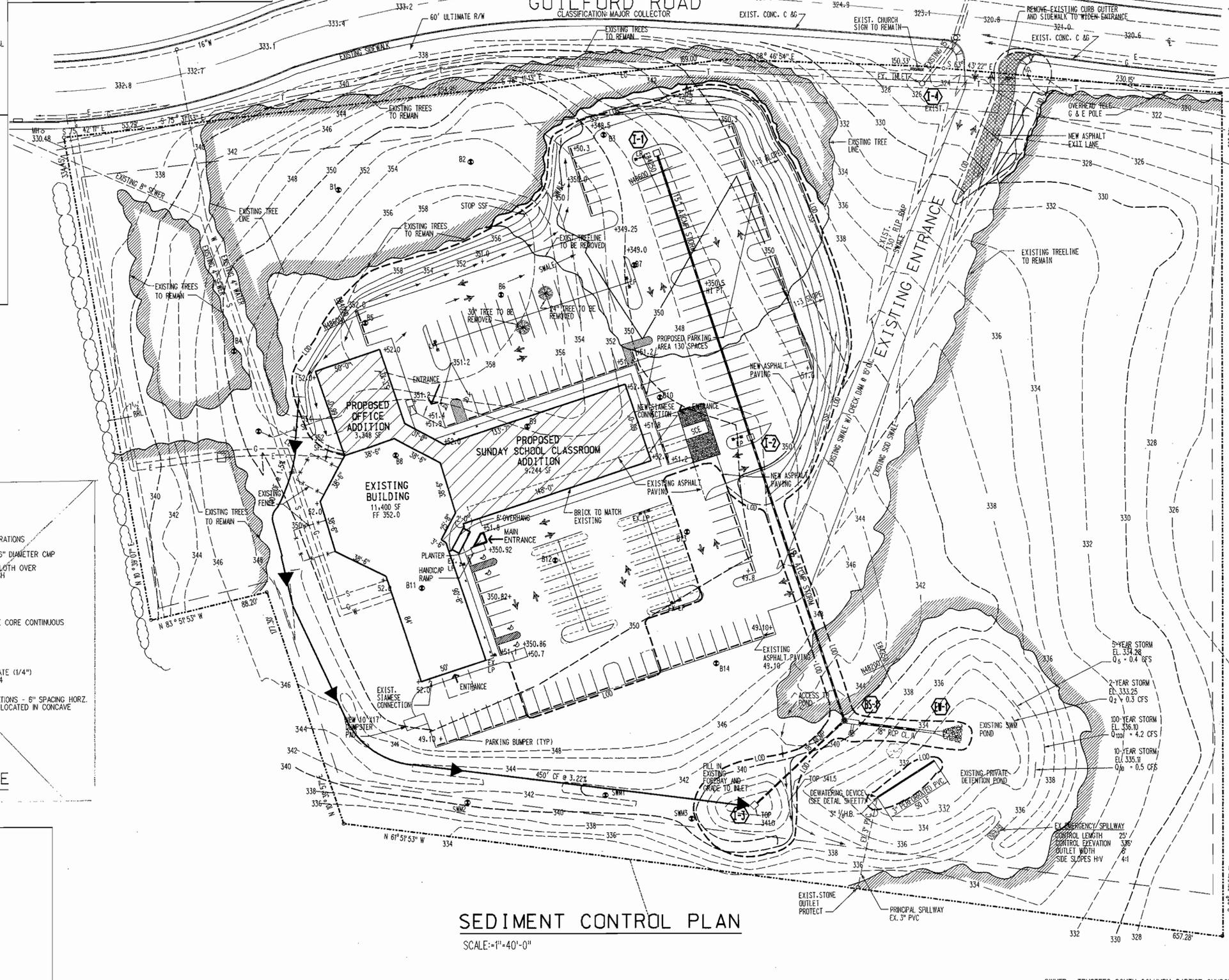
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DEVELOPERS CERTIFICATION

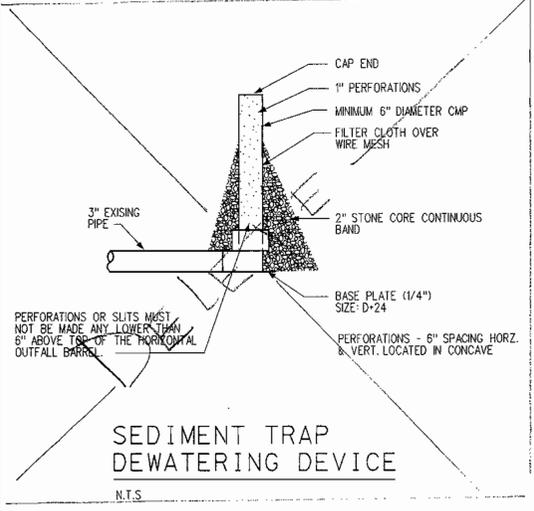
"I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE NATURAL RESOURCE CONSERVATION SERVICE."

SIGNATURE OF DEVELOPER: WILBERT HAROLD NEWMAN JR.
 DATE: 5/1/00

PRINTED NAME OF DEVELOPER: WILBERT HAROLD NEWMAN JR.



SEDIMENT CONTROL PLAN
 SCALE: 1" = 40'-0"



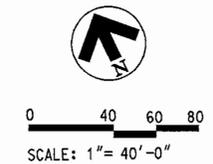
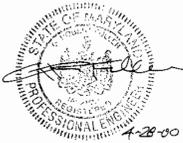
APPROVED: DEPARTMENT OF PLANNING AND ZONING
 CHIEF, DEVELOPMENT ENGINEERING DIVISION: [Signature]
 CHIEF, DIVISION OF LAND DEVELOPMENT: [Signature]
 DIRECTOR: [Signature]

DRAINAGE DATA

DRAINAGE AREA	INLET #	AREA IN ACRES	C° FACTOR	PERCENT IMPERVIOUS
DA1	1-1	1.10 AC.	.90	100
DA2	1-2	.33 AC.	.90	100
DA3	1-3	1.90 AC.	.68	50

OWNER: TRUSTEES SOUTH COLUMBIA BAPTIST CHURCH
 8814 GUILFORD RD.
 COLUMBIA, MD 21045

ENGINEER:
 ROBERT FULLER
 P.E. #21097
 4000 MITCHELLVILLE ROAD
 SUITE 404
 BOWIE, MARYLAND 20716
 (301) 262-6106



- LEGEND:
- EXISTING CONTOUR LINE
 - EXISTING BUILDING
 - EXISTING PAVEMENT EDGE
 - PROPERTY LINE
 - EXISTING STORM DRAIN
 - EXISTING WATER LINE
 - EXISTING SEWER LINE
 - EXISTING GAS LINES
 - EXISTING UNDERGROUND TELEPHONE
 - EXISTING UNDERGROUND ELECTRIC
 - NEW TREE LINE
 - EXISTING TREE LINE
 - PROPOSED CONTOUR LINE
 - PROPOSED BUILDING
 - PROPOSED PAVEMENT EDGE
 - PROPOSED CUT OF FILL
 - PROPOSED STORM DRAIN
 - PROPOSED PERIMETER DIKE
 - SPOT ELEVATION
 - SUPER SILT FENCE
 - SILT FENCE
 - FUTURE FINISHED GRADE
 - LIMIT OF DISTURBANCE

LOT COVERAGE:

	EXISTING	PROPOSED
TOTAL AREA OF SITE	9,786 AC. OR 426,278 SF	426,278 SF
BLDG. AREA	11,400 SF	23,992 SF
BLDG. COVERAGE (%)	2.87%	5.63%
ALLOWANCE COVERAGE	25%	25%

PARKING SCHEDULE:

SANCTUARY SEATING	600 SEATS
REQUIRED PARKING	600/3 = 200 SPACES
PARKING PROVIDED	203 SPACES
HANDICAPPED PROVIDED	6 SPACES
HANDICAPPED SPACE	8' X 19'
REGULAR PARKING SPACE	W/5' COMMON ISLE 9' X 19'

GENERAL NOTES:

- CONTRACTOR IS TO NOTIFY HOWARD CO. INSPECTOR 24 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION AT 792-7272
- ALL WORK IS TO BE DONE IN ACCORDANCE WITH HOWARD COUNTY SPECIFICATIONS WITH GOVERN IN CASE OF CONFLICT.

STANDARD SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1855).
- 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.
- 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.
- 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.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51) SOD (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- 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 FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:
 - TOTAL AREA OF SITE: 9,786 ACRES
 - AREA DISTURBED: 2.1 ACRES
 - AREA TO BE ROOFED OR PAVED: 2.6 ACRES
 - AREA TO BE VEGETATIVELY STABILIZED: .8 ACRES
 - TOTAL CUT: 6,300 CU. YDS.
 - TOTAL FILL: 6,300 CU. YDS.
 - OFFSITE WASTE/BORROW AREA LOCATION: 0
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE 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.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED BY THE END OF EACH WORK DAY, WHICHEVER IS SHORTER.

MARYLAND CONSTRUCTION MANAGEMENT INC.
 THE OMNI BUILDING
 4000 MITCHELLVILLE ROAD
 SUITE A-404
 BOWIE, MARYLAND
 (301) 262-6106

SEDIMENT CONTROL PLAN

SOUTH COLUMBIA BAPTIST CHURCH
 ADDITION AND ALTERATION
 8814 GUILFORD ROAD
 COLUMBIA, MARYLAND
 PASTOR STEVEN NEEL
 TAX MAP 42, PARCEL 55, SIXTH ELECTION DISTRICT

REV.	DESCRIP.	DATE

DWG. SHEETS: 2 of 7
 DRAWN BY: R. HARITAN
 DATE: 11/20/99

REVIEW FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS
Chief Engineer / *CS.* / *6/24/00*
 U.S. SOIL CONSERVATION SERVICE / DATE

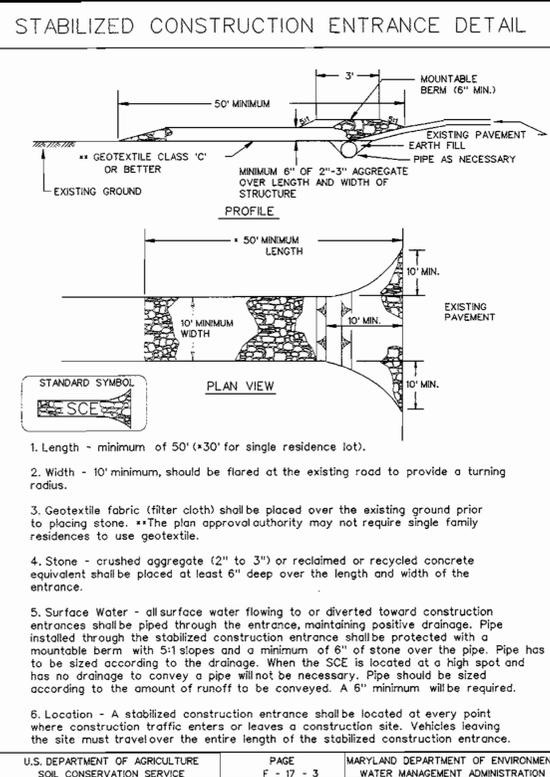
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Robert Fuller / *6/24/00*
 HOWARD S.C.D. / DATE

BY THE ENGINEER:
 "I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."
Robert Fuller / *04-28-00*
 SIGNATURE OF ENGINEER / DATE
 ROBERT FULLER
 #21097 P.E.

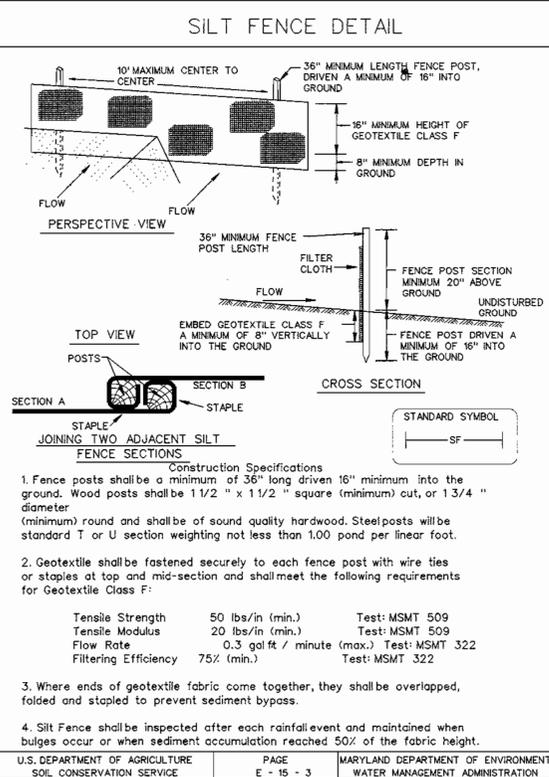
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Wilbert Harold Kelenovich / *5/11/00*
 SIGNATURE OF DEVELOPER / DATE

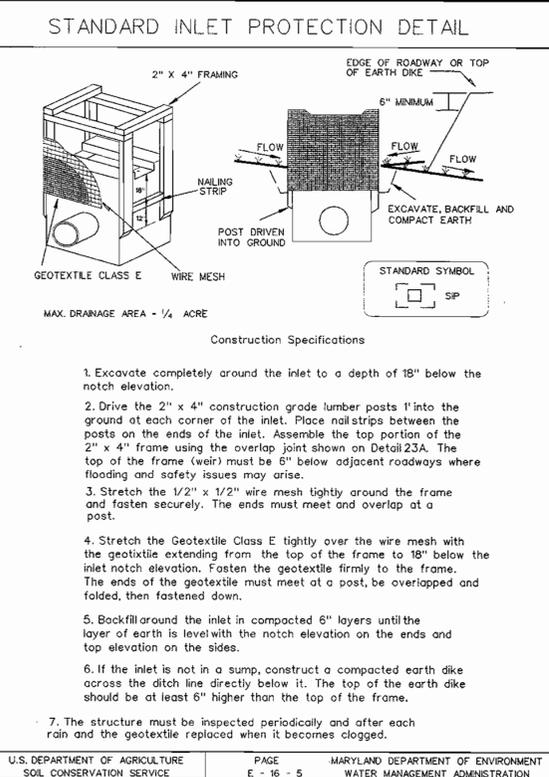
Wilbert Harold Kelenovich
 PRINTED NAME OF DEVELOPER



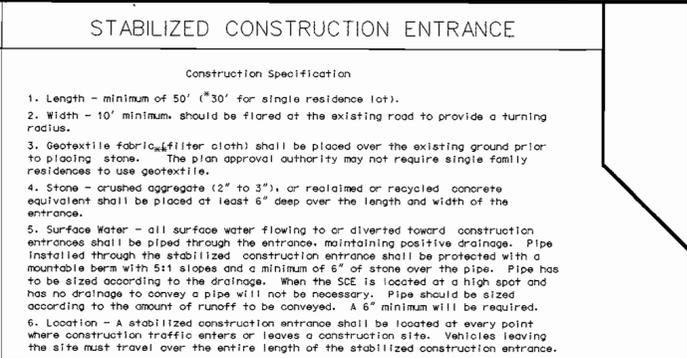
U.S. DEPARTMENT OF AGRICULTURE / PAGE F - 17 - 3 / MARYLAND DEPARTMENT OF ENVIRONMENT / WATER MANAGEMENT ADMINISTRATION



U.S. DEPARTMENT OF AGRICULTURE / PAGE E - 15 - 3 / MARYLAND DEPARTMENT OF ENVIRONMENT / WATER MANAGEMENT ADMINISTRATION



U.S. DEPARTMENT OF AGRICULTURE / PAGE E - 16 - 5 / MARYLAND DEPARTMENT OF ENVIRONMENT / WATER MANAGEMENT ADMINISTRATION



U.S. DEPARTMENT OF AGRICULTURE / PAGE F - 17 - 3A / MARYLAND DEPARTMENT OF ENVIRONMENT / WATER MANAGEMENT ADMINISTRATION

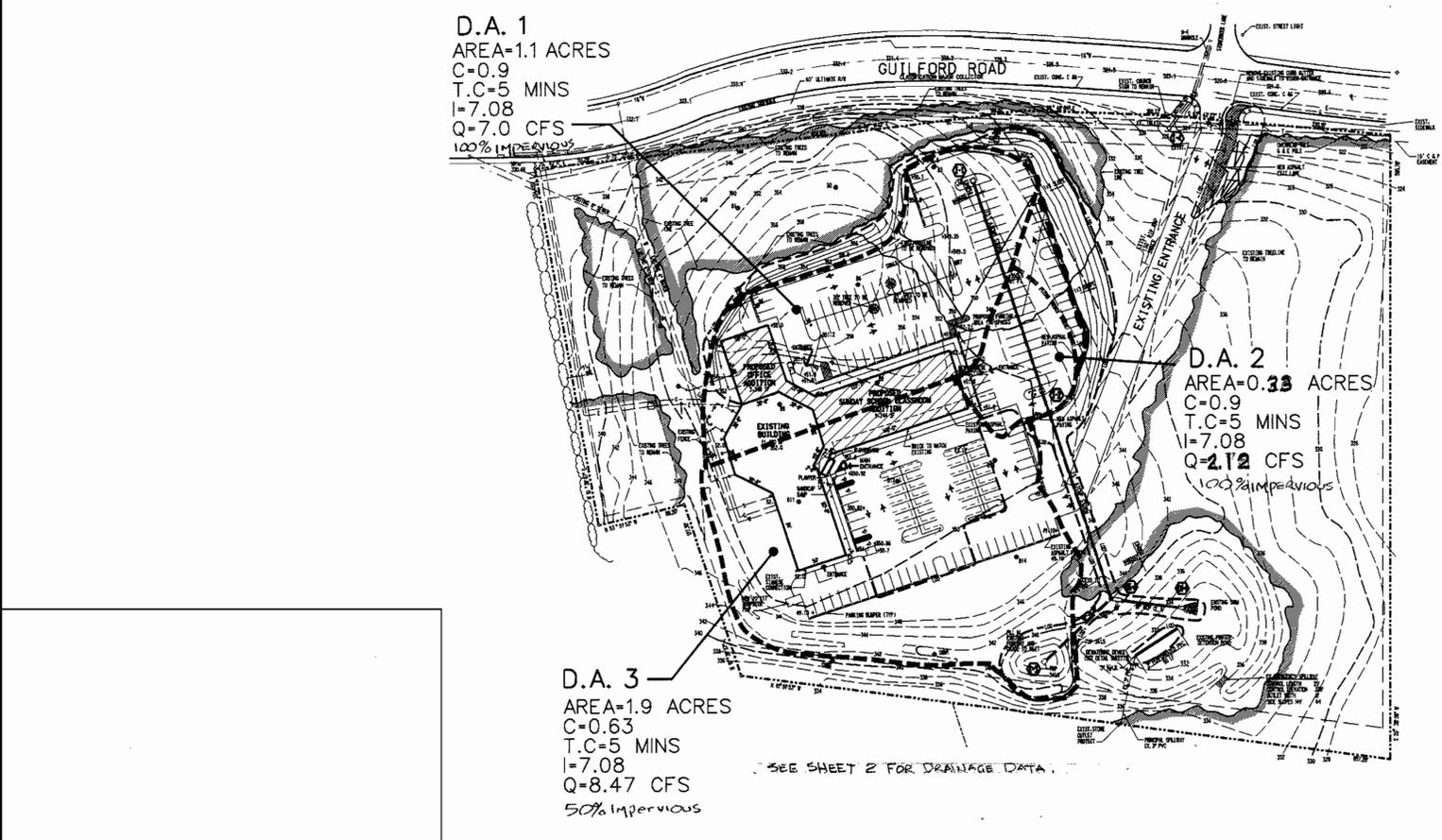
SILT FENCE

Silt Fence Design Criteria

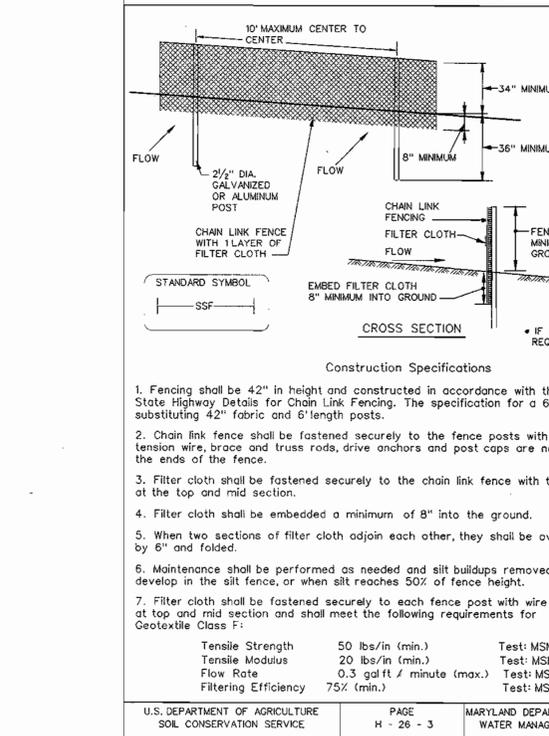
Slope Steepness	(Maximum) Slope Length	(Maximum) Silt Fence Length
Flatter than 50:1	unlimited	unlimited
50:1 to 10:1	125 feet	1,000 feet
10:1 to 5:1	100 feet	750 feet
5:1 to 3:1	60 feet	500 feet
3:1 to 2:1	40 feet	250 feet
2:1 and steeper	20 feet	125 feet

Note: In areas of less than 2% slope and sandy soils (USDA general classification system, soil class A) maximum slope length and silt fence length will be unlimited. In these areas a silt fence may be the only perimeter control required.

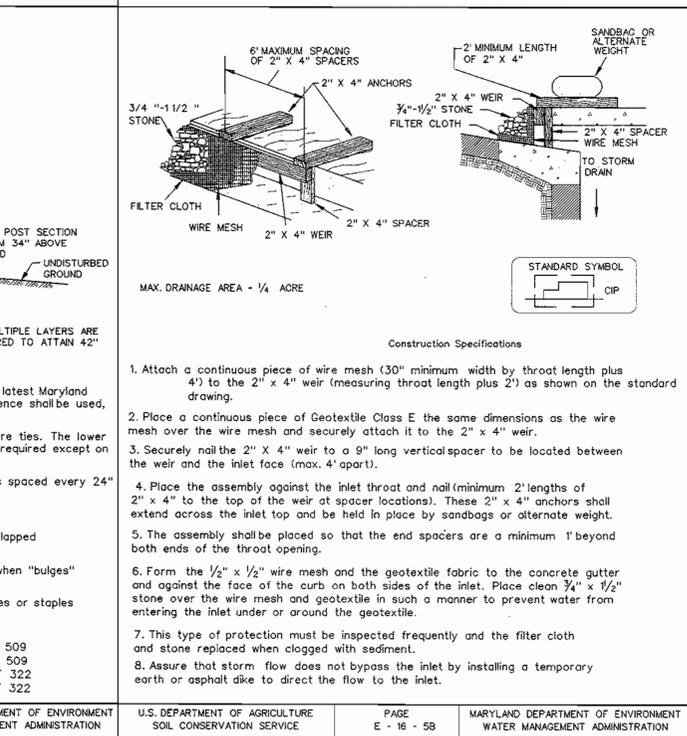
U.S. DEPARTMENT OF AGRICULTURE / PAGE E - 15 - 3A / MARYLAND DEPARTMENT OF ENVIRONMENT / WATER MANAGEMENT ADMINISTRATION



U.S. DEPARTMENT OF AGRICULTURE / PAGE H - 26 - 3 / MARYLAND DEPARTMENT OF ENVIRONMENT / WATER MANAGEMENT ADMINISTRATION



U.S. DEPARTMENT OF AGRICULTURE / PAGE H - 26 - 3 / MARYLAND DEPARTMENT OF ENVIRONMENT / WATER MANAGEMENT ADMINISTRATION



U.S. DEPARTMENT OF AGRICULTURE / PAGE E - 16 - 5B / MARYLAND DEPARTMENT OF ENVIRONMENT / WATER MANAGEMENT ADMINISTRATION

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Chief Development Engineer / *6/20/00*
 CHIEF, DEVELOPMENT ENGINEERING DIVISION / DATE

Chief, Division of Land Development / *6/30/00*
 CHIEF, DIVISION OF LAND DEVELOPMENT / DATE

Director / *7/3/00*
 DIRECTOR / DATE

U.S. DEPARTMENT OF AGRICULTURE / PAGE H - 26 - 3 / MARYLAND DEPARTMENT OF ENVIRONMENT / WATER MANAGEMENT ADMINISTRATION

MARYLAND CONSTRUCTION MANAGEMENT INC.
 THE OMNI BUILDING
 4000 MITCHELLVILLE ROAD
 SUITE A-404
 BOWIE, MARYLAND
 (301) 262-6106

SEDIMENT CONTROL
 DETAILS & NOTES

SOUTH COLUMBIA BAPTIST CHURCH
 ADDITION AND ALTERATION
 8814 GUILFORD ROAD
 COLUMBIA, MARYLAND
 PASTOR STEVEN NEEL
 TAX MAP 42, PARCEL 55, SIXTH ELECTION DISTRICT

REV.	DESCRIP.	DATE

C-4

DWG. SHEETS
 4 of 7

DRAWN BY: E. HARTMAN
 DATE: 11/20/99

SOP00-13

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 Certificate of Landscaping Installation, accompanied by an executed one(1) year guarantee of plant materials, will be submitted to the Department of Planning & Zoning.

Without Harold Kemanich
 Names SCRB TRUSTEE
 5/1/00
 Date

REVIEW FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS
 U.S. SOIL CONSERVATION SERVICE
 DATE 6/26/00

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 DATE 6/26/00

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

SIGNATURE OF ENGINEER
 ROBERT FULLER
 #21097 P.E.
 DATE 04-28-00

DEVELOPERS CERTIFICATION

I 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 ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE NATURAL RESOURCE CONSERVATION SERVICE.

SCBC
 Without Harold Kemanich
 SIGNATURE OF DEVELOPER
 DATE 5/1/00

PRINTED NAME OF DEVELOPER
 WITHOUT HAROLD KEMANICH

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED 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 PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQUARE FT) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREA/FORM FERTILIZER (9 LBS/1000 SQ. FT.).
 2.) ACCEPTABLE: APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQUARE FT) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL.

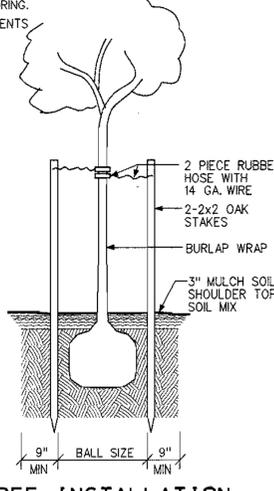
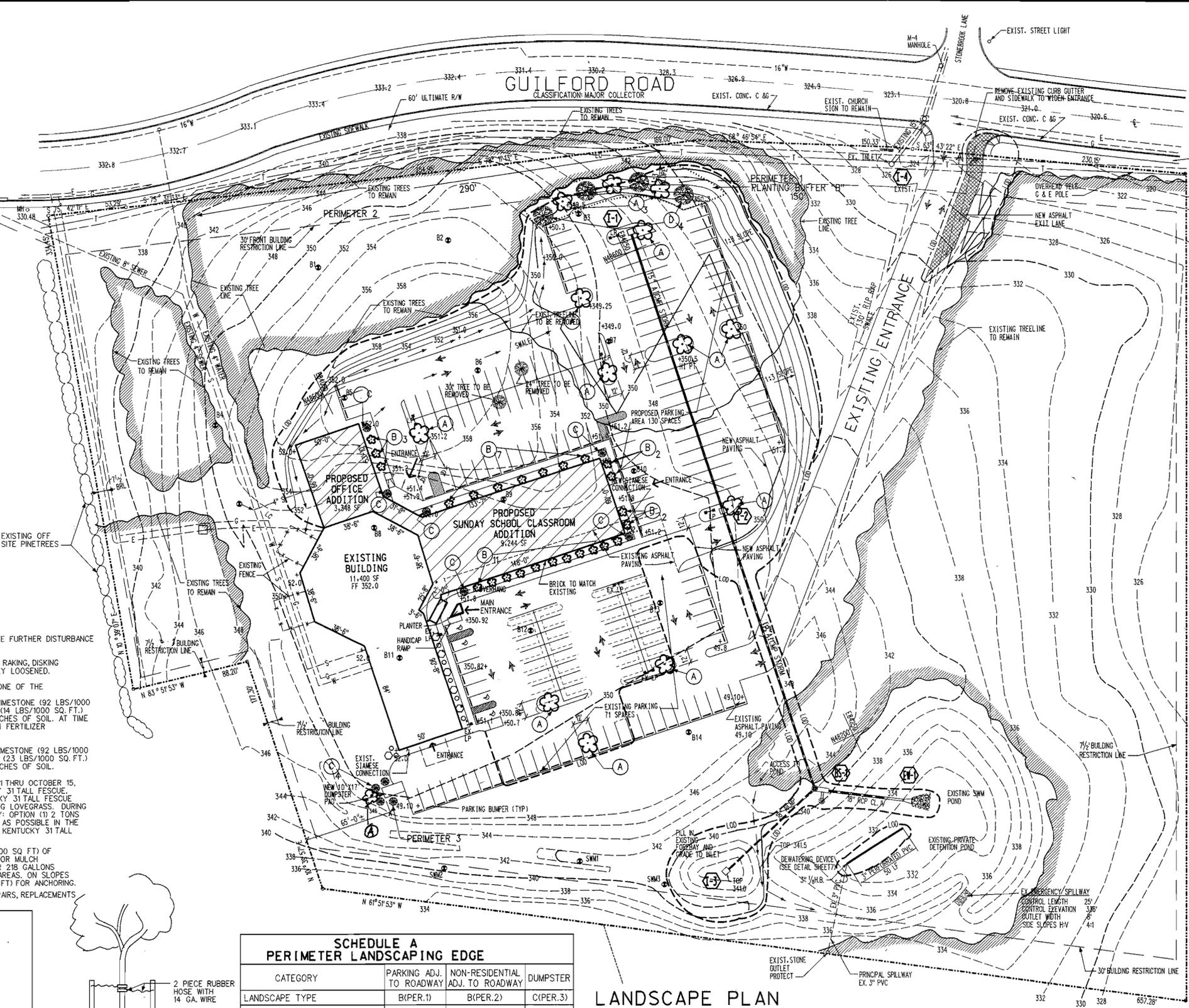
SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (12 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.5 LBS/1000 SQ FT) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 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 31 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 UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 DATE 10/28/00
 DATE 6/30/00
 DATE 7/3/00

CHIEF, DEVELOPMENT ENGINEERING DIVISION
 CHIEF, DIVISION OF LAND DEVELOPMENT
 DIRECTOR



TREE INSTALLATION
 N.T.S.

SCHEDULE A PERIMETER LANDSCAPING EDGE

CATEGORY	PARKING ADJ. TO ROADWAY	NON-RESIDENTIAL ADJ. TO ROADWAY	DUMPSTER
LANDSCAPE TYPE	B(PER.1)	B(PER.2)	C(PER.3)
LINEAR FEET OF ROADWAY FRONTAGE	150 FT.	290 FT.	44 FT.
CREDIT FOR EXIST. VEGETATION	NO	YES, 290 FT.	NO
CREDIT FOR WALL, FENCE OR BERM	NO	NO	NO
NUMBER OF PLANTS REQ'D.			
SHADE	3	N/A	1
EVERGREEN	4		2
SHRUBS	0		0
NUMBER OF PLANTS PROVIDED			
SHADE	3	N/A	1
EVERGREEN	4		4
OTHER TREES (2:1 SUBSTITUTION)	0		
SHRUBS (10:1 SUBSTITUTION)	0		0

NOTE: MATURE TREES ALONG GUILDFORD ROAD WILL REMAIN AND CREDIT FOR PERIMETER LANDSCAPE EDGE MINIMUM 20' WIDE.

LANDSCAPE PLAN

SCALE: 1"=40'-0"

SCHEDULE B PARKING LOT LANDSCAPING

NUMBER OF PARKING SPACES	203
INTERNAL ISLANDS REQUIRED (203/20)	10
INTERNAL ISLAND PROVIDED	11
SHADE TREES REQUIRED (203/20)	10
SHADE TREES PROVIDED	10

PLANT SCHEDULE

TYPE	NEW SYMBOL	EXISTING SYMBOL	QUANTITY (NEW)	COMMON NAME	LATIN NAME	PREPARATION	SIZE
	(Symbol)	(Symbol)	13	WILLOW OAK	QUERCUS PHellos	B & B	2 1/2"
	(Symbol)	(Symbol)	25	GLOBE ARBORVITAE	THUJA OCCIDENTALISGLOB	B & B	18"
	(Symbol)	(Symbol)	10	JUNIPER (WICHTABLEUE)	JUNIPERUS SCOPULORUM	B & B	4'
	(Symbol)	(Symbol)	4	WHITE PINE	PINUS STROBUS	B & B	6'

LEGEND:

EXISTING CONTOUR LINE	---
EXISTING BUILDING	---
EXISTING PAVEMENT EDGE	---
PROPERTY LINE	---
EXISTING STORM DRAIN	---
EXISTING WATER LINE	---
EXISTING SEWER LINE	---
EXISTING GAS LINES	---
EXISTING UNDERGROUND TELEPHONE	---
EXISTING UNDERGROUND ELECTRIC	---
NEW TREE LINE	---
EXISTING TREE LINE	---
PROPOSED CONTOUR LINE	---
PROPOSED BUILDING	---
PROPOSED PAVEMENT EDGE	---
PROPOSED CUT OF FILL	---
PROPOSED LIMIT OF GRADING	---
SPOT ELEVATION	---
SUPER ELEVATION	---
SILT FENCE	---
FUTURE FINISHED GRADE	---
LIMIT OF CONSTRUCTION AND TREE PROTECTION FENCE	---
LP SITE LIGHTING FIXTURE (SEE ELEC. PLAN)	---
EXTERIOR LIGHTING SHALL BE DIRECTED TO REFLECT LIGHT AWAY FROM ALL RESIDENTIAL ZONING DISTRICTS AND PUBLIC ROADS.	---

LOT COVERAGE:

TOTAL AREA OF SITE	EXISTING:	PROPOSED:
9,786 AC. OR	426,278 SF	426,278 SF
BLDG. AREA	14,400 SF	23,992 SF
ALLOWANCE COVERAGE	2.67%	5.63%
TOTAL PAVED AND WALK AREA	43,600 SF	88,798 SF
TOTAL BLDG. AREA	14,400 SF	23,992 SF
TOTAL LOT COVERAGE	55,000 SF	112,790 SF
GREEN AREA	371,278 SF	315,488 SF
GREEN AREA (%)	87%	73.5%

PARKING SCHEDULE:

SANCTUARY SEATING	600 SEATS
REQUIRED PARKING	600/3 + 200 SPACES
PARKING PROVIDED	203 SPACES
HANDICAPPED PROVIDED	8 SPACES
HANDICAPPED SPACE	8' X 12'
REGULAR PARKING SPACE	W/5 COMMON ISLE 9' X 12'

GENERAL NOTES:

- CONTRACTOR IS TO NOTIFY HOWARD CO. INSPECTOR 24 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION AT 792-7272
- ALL WORK IS TO BE DONE IN ACCORDANCE WITH HOWARD COUNTY SPECIFICATIONS TO GOVERN IN CASE OF CONFLICT.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED 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. PER ACRE 10-10-10 FERTILIZER (14 LBS. PER 1000 SQ.FT.)

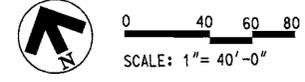
SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHELS PER ACRE OF ANNUAL RYE (3.2 LBS. PER 1000 SQ.FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS. PER ACRE OF WEEPING LOVEGRASS (0.07 LBS. PER 1000 SQ. FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS. PER 1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL. PER 1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT. OR HIGHER, USE 347 GAL. PER ACRE (8 GAL. PER 1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

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 87 EXISTING SPACES WILL BE INCREASED BY MORE THAN 50% REQUIRING THAT ALL PARKING AREAS BE LANDSCAPED IN ACCORDANCE WITH THE LANDSCAPE MANUAL.
- FINANCIAL SURETY FOR THE LANDSCAPING HAS BEEN POSTED AS PART OF THE DPW DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$5100.00 FOR 14 REQUIRED SHADE TREES AND 6 REQUIRED EVERGREEN TREES.
 14 SHADE TREES @ 300.00 = 4200.00
 6 EVERGREEN TREES @ 150.00 = 900.00
 TOTAL SURETY AMOUNT = \$5100.00



ENGINEER:
 ROBERT FULLER
 P.E. #21097
 4000 MITCHELLVILLE ROAD
 SUITE 404
 BOWIE, MARYLAND 20716
 (301) 262-6106



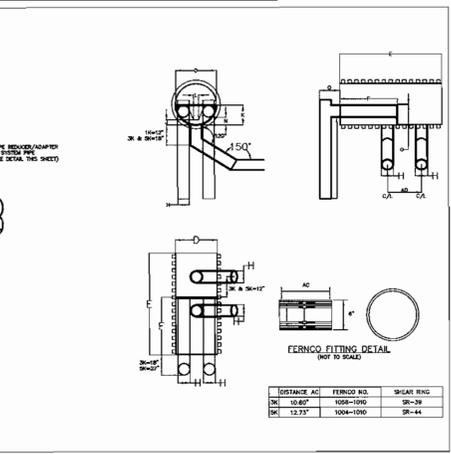
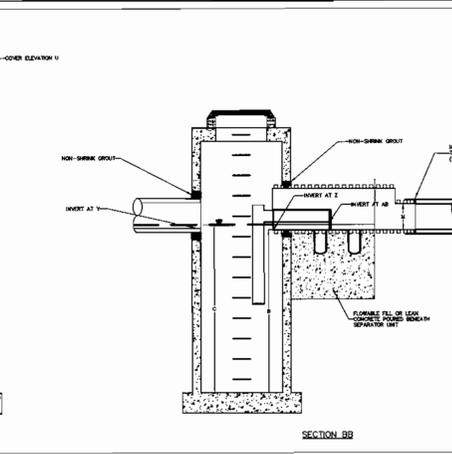
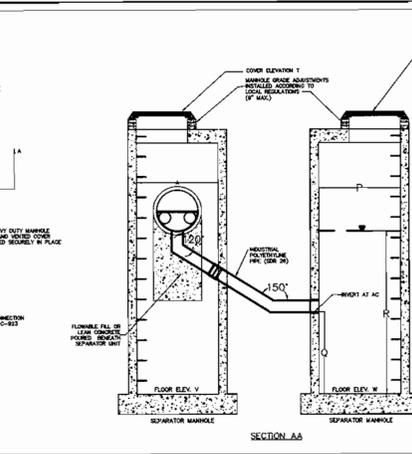
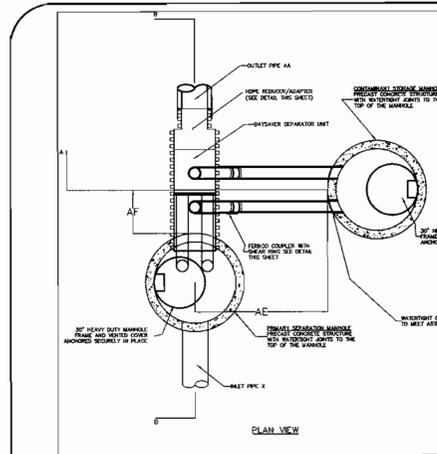
MARYLAND CONSTRUCTION MANAGEMENT INC.
 THE OMNI BUILDING
 4000 MITCHELLVILLE ROAD
 SUITE A-404
 BOWIE, MARYLAND
 (301) 262-6106

LANDSCAPING PLAN

SOUTH COLUMBIA BAPTIST CHURCH
 ADDITION AND ALTERATION
 8814 GUILDFORD ROAD
 COLUMBIA, MARYLAND
 PASTOR STEVEN NEEL
 TAX MAP 42, PARCEL 55, SIXTH ELECTION DISTRICT

REV.	DESCRIP.	DATE
C-5		

DWG. 5 of 7
 DRAWN BY: R. HARTMAN
 DATE: 11/29/99



BAYSAYER SEPARATION SYSTEM - BS1
SEPARATOR UNIT ORDER FORM

PROJECT: SOUTH COLUMBIA BAPTIST CHURCH
ADDRESS: 8814 GULFROAD, COLUMBIA, MD 21045
DESIGNER: MILDENBERG, BOENDER & ASSOC., INC.
CONTACT: FRANK C. LIN
PHONE: (410) 997-0298
FAX: (410) 997-0298

DELIVERY DATE: _____ CONTRACTOR: _____
OWNER: _____ CONTACT: _____
ADDRESS: _____ FAX: _____

SEPARATOR UNIT MODEL: 3K

MANHOLE SPECIFICATIONS:
PRIMARY MANHOLE DIAMETER: 60"
STORAGE MANHOLE DIAMETER: 60"
FLOOR ELEVATIONS:
PRIMARY MANHOLE: 332.49
STORAGE MANHOLE: 333.42
PRIMARY MANHOLE INVERT ELEVATIONS:
SEPARATOR UNIT: 327.38
INLET PIPE(S): 12" P.V.C. 12' (ON) 18" RCP (OUT)

MANHOLE COVER ELEVATIONS:
PRIMARY MANHOLE: 342.00
STORAGE MANHOLE: 341.00

MANHOLE COVER ELEVATIONS:
PRIMARY MANHOLE: 342.00
STORAGE MANHOLE: 341.00

PLEASE SHOW ORIENTATION (INCLUDING ANGLE, SIZE AND MATERIAL) FOR EACH INLET PIPE ABOVE.

BAYSAYER INSTALLATION INSTRUCTIONS

- EXCAVATION MUST PROVIDE ADEQUATE SPACE TO CONNECT INLET AND OUTLET PIPES TO SEPARATOR MANHOLE AND BAYSAYER UNIT. INSTALL PRECAST DRAIN STRUCTURES ON SOLID GROUND AS VERIFIED BY A GEOTECHNICAL ENGINEER.
- VERIFY THE SUBGRADE ELEVATION AGAINST THE MANHOLE DIMENSIONS AND CONNECTING STORAGE DRAIN INVERTS.
- MAKING SURE THE BASES AND LEVEL AND THE STORAGE MANHOLE OPENINGS ARE ALIGNED WITH THE SEPARATOR UNIT, INSTALL PRIMARY AND STORAGE MANHOLES. INSTALL RUBBER GASKETS ON BASE UNITS AND COAT WITH LUBRICATING GREASE. INSTALL ADDITIONAL MANHOLE SECTIONS AS REQUIRED. SEAL LIFT HOLES WITH NON-SHREK GROUT.
- BACKFILL BASE SECTIONS OF MANHOLES TO INVERT OF STORAGE MANHOLE CONNECTING PIPES. USING APPROVED BACKFILL MATERIAL. BACKFILL AND COMPACT IN 8 INCH LIFTS. BACKFILL AND COMPACT SHOULD BE MONITORED BY A GEOTECHNICAL ENGINEER.
- INSTALL BAYSAYER SEPARATOR UNIT AND CONNECTING PIPES. SEAL ALL CONNECTING JOINTS AND INSTALL SEPARATOR UNIT/STRAIN DRAIN JOINT COLLAR. CUT EXCESS LENGTH OFF CONNECTING PIPES INSET STORAGE MANHOLE.
- BACKFILL SEPARATOR UNIT AND MANHOLES. AREAS NOT ACCESSIBLE TO COMPACTOR EQUIPMENT MUST BE BACKFILLED WITH LEAN CONCRETE OR FLOWABLE FILL.
- INSTALL AND SET MANHOLE COVER GRADE ADJUSTMENT RINGS AS NECESSARY.
- INSTALL AND SET MANHOLE COVER AND COVER UNITS.

BAYSAYER GENERAL CONSTRUCTION NOTES

- ALL WORK MUST BE DONE WITH REGARD FOR THE SAFETY OF THE CONSTRUCTION CREW.
- ALL WORK AND MATERIALS MUST COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS.
- KNOW THE LOCATION AND DEPTH OF ANY UNDERGROUND UTILITIES BEFORE EXCAVATION BEGINS.

