SEDIMENT CONTROL NOTES

1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2430)
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 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3) Following initial soil disturbance or redisturbance, 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 trap/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 17, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
5) All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Spec. 32) and Sod (Spec. 34), temporary seeding (Spec. 30) and Mulching (Spec. 31.) Temporary stabilization with mulch alone 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 from the Howard County Sediment Control Inspector.
7) Site Analysis:

Total Area of Site	7.57 Acres
Area Disturbed	0.60 Acres
Area to be roofed or paved	0.17 Acres
Area to be vegetatively established	0.40 Acres
Total Cut	300 Cu. yds
Total Fill	240 Cu. yds
Offsite waste/borrow area location	

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 controls must be provided, if deemed necessary by the Howard County DPW sediment control inspector.
10) 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.

PERMANENT SEEDING NOTES

Seedbed Preparation: Loosen upper 3 inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

Soil Amendments: 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 square ft.) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs. per acre 30-0-0 ureaform fertilizer (9 lbs./1000 square 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 disc into upper three inches of soil.

Seeding: For the periods March 1 through April 30, and August 1 through October 15, seed with 60 lbs. per acre (1.5 lbs./1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 through July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs. per acre (.05 lbs./1000 square ft.) of weeping lovegrass. During the period of October 16 through 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 1½ 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.

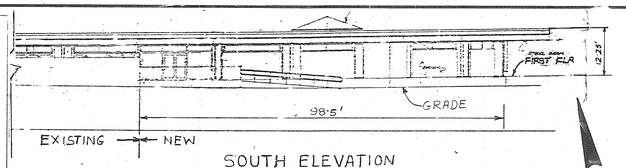
TEMPORARY SEEDING NOTES

Seedbed Preparation: Loosen upper 3 inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.)

Seeding: For periods March 1 through April 30 and from August 15 through November 15, seed with 2½ lbs. per acre of annual rye (3.2 lbs./1000 sq. ft.) For the period May 1 through August 14, seed with 3 lbs. per acre of weeping lovegrass (.07 lbs./1000 sq. ft.). For the period November 16 through February 28, protect the 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 1½ 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 gal. per acre (5 gal./1000 sq. ft.) of emulsified asphalt on flat areas. On slopes, 8 ft. or higher use 348 gal. per acre (8 gal./1000 sq. ft.) for anchoring.



SOUTH ELEVATION
NO SCALE

SITE ANALYSIS

1. TOTAL AREA OF SITE = 7.573 AC
2. ZONING - NEW TOWN
   FINAL DEVELOPMENT PLAN NUMBER 76 - A
   TYPE OF NEW TOWN ZONING/PLANNING BOARD CASE NO. 412
3. FLOOR SPACE:
   RELIGIOUS - 25,504 SF (EXISTING)
   OFFICE - 5,728 SF (PROPOSED)
4. NUMBER OF PARKING SPACES REQUIRED: 251 SPACES
5. NUMBER OF PARKING SPACES PROVIDED: 263 (EXISTING)
6. OPEN SPACE TO REMAIN ON SITE: 3.39 AC
7. BUILDING COVERAGE OF SITE:
   25,504 SF (EXISTING) + 5,728 SF (PROPOSED)
   = 31,232 SF ÷ .717 AC (1-3-89)

* See parking Requirement.

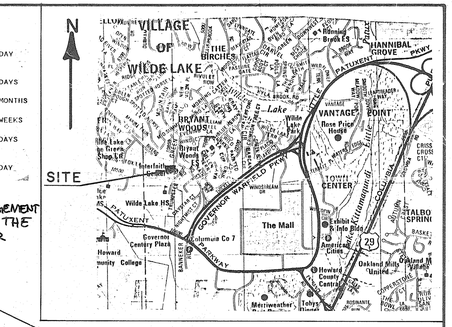
Parking requirements

1.	Existing building area	= 25,504 sf (gross)
2.	Existing Assembly space open to the public (Deductions for Restrooms)	= 25,504-2000 = 23,504 sf
3.	Parking spaces required	
	@ 1 space/100 sf (Religious Building)	= 235 spaces
4.	New Building Area	= 5,728 sf (gross)
5.	No. of people @ 1 person/250 sf	= 23 people
6.	No. of parking spaces required @ 7 spaces/10	= 16 spaces
7.	Total parking spaces required	= 251 spaces
8.	Existing parking spaces (Including Handicapped Spaces)	= 263 spaces

SEQUENCE OF CONSTRUCTION

1.	OBTAIN A GRADING PERMIT	1 DAY
2.	CLEAR AND GRADE THE SITE TO INSTALL SEDIMENT AND EROSION CONTROL DEVICES INCLUDING STONE CONSTRUCTION ENTRANCE	2 DAYS
3.	CONSTRUCT THE BUILDING & APPURTANENCES	4 MONTHS
4.	FINE GRADE THE SITE AND CONSTRUCT STORMWATER MANAGEMENT	2 WEEKS
5.	FINE GRADE AND STABILIZE THE REMAINING AFFECTED AREAS	2 DAYS
6.	REMOVE THE SEDIMENT CONTROL MEASURES UPON APPROVAL OF SEDIMENT CONTROL INSPECTOR	1 DAY

NOTE: 3
1. THE FIRST 37 SF IS EXEMPT FROM STORMWATER MANAGEMENT AS IT IS UNDERSTOOD ANY FUTURE CHANGES WHERE THE CUMULATIVE LOD EXCEEDS 5,000 SF, THEN STORMWATER MANAGEMENT SHALL BE ADDRESSED.



VICINITY MAP
SCALE: 1"=2000'
REVISION #3 ONLY

STATE OF MARYLAND — PETER JOHN MICHAEL — 21403 — REGISTERED PROFESSIONAL ENGINEER
12-7-20

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
5	10431 TWIN RIVERS RD.

SUBDIVISION NAME: WILDE LAKE INTERFAITH CENTER			SECT./AREA 10/4	LOT/PARCEL # 5/272	
PLAT # OR L/F 19/153	BLOCK # 19	ZONE N-T	TAX/ZONE MAP 30	ELEC. DIST. 5	CENSUS TR. 6052.01
WATER CODE E 30			SEWER CODE 5523900		

ENGINEER'S CERTIFICATE

I HEREBY 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 Hahn — SIGNATURE OF ENGINEER — 11/22/89 — DATE

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES 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 OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

William W. Whitehurst — SIGNATURE OF DEVELOPER — 11/20/89 — DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — 6-15-90 DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
DIRECTOR — 7.3.90 DATE
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT — 6/22/90 DATE

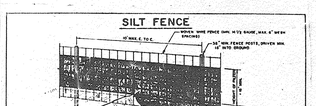
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — 5/15/90 DATE
CHIEF BUREAU OF ENGINEERING — 3-2-90 DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
U.S. Soil Conservation Service — 12/15/89 Date

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
Howard Soil Conservation District — 12/15/89 Date

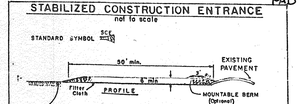
APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE NOV 8, 1990

PREVIOUS SITE DEVELOPMENT PLANS
REFERENCE: (1). SDP - 68-06
(2). SDP - 69-11
(3). SDP - 73-07



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. — POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. — FENCE: WOVEN WIRE, 14½ GA. MIN. 6" MAX. MESH OPENING
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. — FILTER CLOTH: EITHER WOVEN MUSLIN OR FILTER CLOTH
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE. — PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

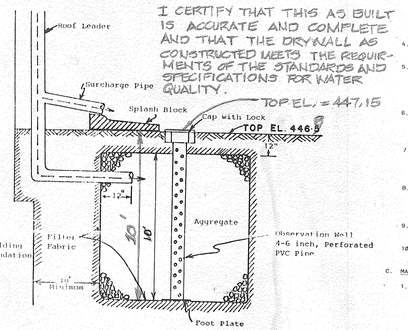


CONSTRUCTION SPECIFICATIONS

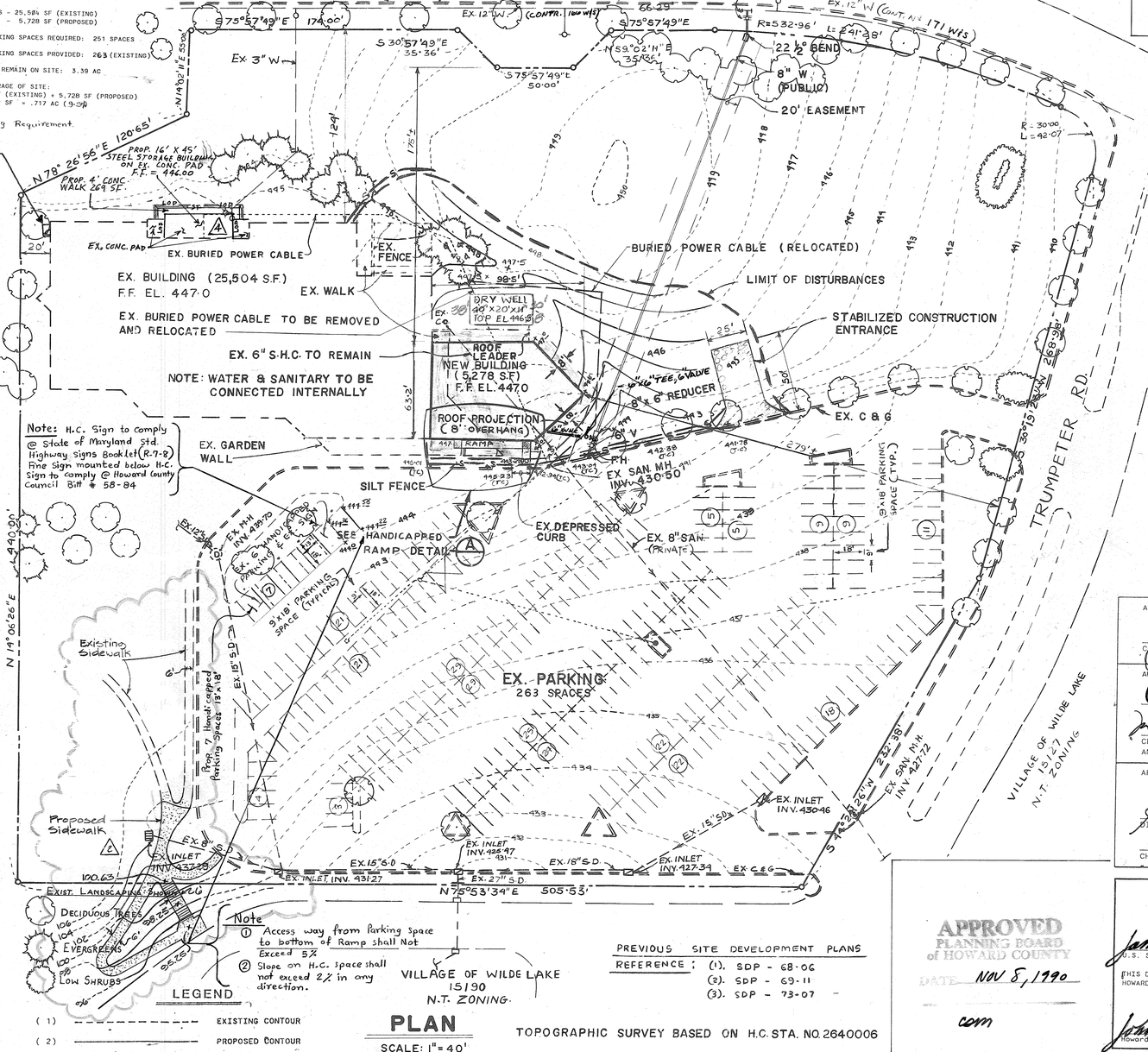
1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided after each rain.

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY STANDARDS, SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
2. ANY DAMAGE TO PUBLIC RIGHT-OF-WAY, PAVING, OR EXISTING UTILITIES WILL BE CORRECTED AT THE EXPENSE OF CONTRACTOR.
3. ALL UTILITY COMPANIES MUST BE NOTIFIED 24 HOURS IN ADVANCE OF ANY CONSTRUCTION.
4. TYPE OF SOIL: CHESTER SILT LOAM, ELIOAK SILT LOAM, & GLENELG LOAM.
5. "THEY CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION, 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK, AT 792-7272".
6. THE LOCATION OF EXISTING UTILITIES IS BASED ON BEST AVAILABLE INFORMATION. THE CONTRACTOR MUST CHECK ALL UTILITIES BY TEST PIT BEFORE START OF CONSTRUCTION.



DRY WELL CROSS SECTION
NO SCALE



PLAN
SCALE: 1"=40'

TOPOGRAPHIC SURVEY BASED ON H.C. STA. NO. 2640006

NOTES:
1. TOTAL AREA PROPOSED TO BE DISTURBED = 1.197 SET.
2. NEW IMPERVIOUS AREA ADDED = 269 SFT.
3. PROPOSED SILT FENCE LENGTH = 72'
4. THE CUMULATIVE L.O.D. OF 1,197 SFT IS EXEMPT FROM PROVIDING STORMWATER MANAGEMENT. ANY FUTURE CUMULATIVE INCREASE EXCEEDING 5,000 SFT WILL REQUIRE STORMWATER MANAGEMENT BE PROVIDED.

OWNER / DEVELOPER
WILDE LAKE INTERFAITH RELIGIOUS CENTER INC
10431 TWINS RIVERS ROAD
COLUMBIA, MARYLAND 21044

REVISIONS		
DATE	BY	DESCRIPTION
9-18-90	RHJ	Add 6"WHC, 6"TEE & 6"VALVE
11-1-91	KAP	⚠ Addition of Pathway
1-6-93		AS-BUILT
12-9-20	ALC	ADD EXTERIOR DOOR & CONCRETE PAD ③
11-17-22	NJR	④ NEW STORAG BUILDING ADDED

FOR STORAG BLDG. ONLY
⚠ CERTIFICATION
I hereby certify that this redline revision was prepared by me, and that I am a duly authorized Surveyor #11049 expires: 2-10-23.
STATE OF MARYLAND — M. NAJIB ROSHAN — 11049 — REGISTERED PROFESSIONAL LAND SURVEYOR
12-13-2022
M. NAJIB ROSHAN, NJRE & ASSOC.

DESIGNED ____ DATE
DRAWN ____ DATE
CHECKED ____ DATE
APPROVED ____ DATE

ENGINEERING TECHNOLOGIES ASSOCIATES, INC.
ENGINEERS, PLANNERS, SURVEYORS
3458 ELLICOTT CENTER DRIVE SUITE 101
ELLICOTT CITY, MD. 21043
(301) 461 - 9920

SITE, GRADING AND SEDIMENT CONTROL PLAN
WILDE LAKE INTERFAITH CENTER
BUILDING ADDITION
VILLAGE OF WILDE LAKE - SECTION 10 - AREA 4
T.M. 30
5 ELECTION DISTRICT — HOWARD COUNTY, MARYLAND

SCALE: AS SHOWN | CONTRACT NO. 89209.10 | DATE: 9/89 | SHEET: 1 OF 1

SDP-90-76