



Messick & Associates

Consulting Engineers,
Planners, Surveyors
& Landscape Architects
"Designing Success Since 1951"

September 7, 2023

Ms. Sterling Seay, Zoning Administrator
Anne Arundel County
Planning & Zoning
2664 Riva Road
Annapolis, MD 21401

Re: Variance Application: The Church at Severn Run
8187 Telegraph Road, Severn Maryland 21144 (the "Property")
Tax Map 21, Grid 12, Parcel 57
Explanation Letter

Dear Ms. Seay:

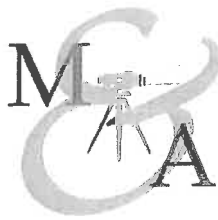
Attached for your review and processing is a variance application for the above referenced Property. The Church at Severn Run (the project site) is located on the east side of Telegraph Road (MD Route 170) approximately 500 feet north of the intersection of Old Mill Road in Severn, Maryland. The site consists of approximately 40.68 acres of land zoned R-2 & OS. The site was originally reviewed and approved by your office in 2006-2007 under grading permit G02018043.

The Church currently operates an existing food pantry within the Church building for those individuals in need of food assistance ("Love Wins Pantry"). The existing pantry has run out of storage space within the existing building and needs additional storage space to support their food pantry program. Therefore, the applicant is proposing an accessory structure to provide additional storage space to support their "Love Wins Pantry" program. The proposed structure consists of a single-story climate-controlled storage building (a 40' x 60' pole barn) without any kitchen facilities, offices, or any additional leasable space. It will strictly be used for warehousing / dry storage.

The site abuts at least three major existing public rights of way (Telegraph Road, Old Mill Road, and WB&A Road). Access to the site is provided via existing entrances off Telegraph Road and WB&A Road. In addition, secondary dead-end roads abut the site along its northern boundary (Myrtle Avenue, Lillian Avenue, Richard Avenue and Lawrence Avenue). Since the site abuts multiple public road frontages, the site has multiple "Front" yards. Assuming the "Front" Lot Line is the yard abutting a public right of way per the definition in Article 18-1-101 (60), nearly the entire 40.68-acre site is located within a "Front" yard. The preferred location of the proposed accessory structure is abutting the existing parking lot on the south side of the site. This requires a variance to allow an accessory structure in the "Front" yard.

Specifically, the applicant is requesting the following variances:

1. A variance to Article 18-2-204 (d) allow an accessory structure in a "Front" yard.



We believe the proposed variance meets all applicable criteria in accordance with the Anne Arundel County Code. Specifically:

Requirements for all variances:

- (a)(1) *Because of unique physical conditions, such as irregularity, narrowness or shallowness of lot size and shape or exceptional topographical conditions peculiar to and inherent in the particular lot, there is no reasonable possibility of developing the lot in strict conformance with this article; or*
- (a)(2) *Because of exceptional circumstances other than financial considerations, the grant of the variance is necessary to avoid practical difficulties or unnecessary hardship and to enable the applicant to develop the lot.*

Since the site abuts multiple public road frontages (on all four sides of the site), by definition it has multiple “front” yards. This represents a “unique physical condition” and an “exceptional circumstance other than financial considerations” that is inherent in the lot configuration and there is no reasonable possibility of constructing an accessory structure without a variance.

- (c)(1) *The variance is the minimum variance necessary to afford relief.*

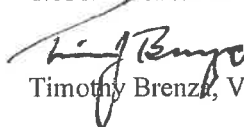
The proposed accessory structure is in a cleared area of the site near the principal structure and in the central portion of the site as far as possible from any adjacent property. The proposed accessory structure is reasonable in size and represents the minimum necessary storage needs required by the applicant’s program. Therefore, it is the minimum variance necessary to afford relief.

- (c)(2) *The granting of a variance will not (i) alter the essential character of the neighborhood or district in which it is located; (ii) substantially impair the appropriate use or development of adjacent property; (iii) reduce forest cover in the limited development and resource conservation areas of the critical area; (iv) be contrary to acceptable clearing and replanting practices required for development in the critical area; nor (v) be detrimental to the public welfare.*

The proposed accessory structure is centrally located on the site and is screened on all sides by existing vegetation or the principal structure. Granting of the variance will allow the Property to be used in a manner that is consistent with the surrounding properties and the neighborhood. It will not have an impact on the essential character of the neighborhood, require any forest clearing or replanting and granting of the variance will not be detrimental to the public health, safety, or welfare.

If there are any questions concerning this application, please do not hesitate to contact me.

Sincerely,
MESSICK GROUP, INC.
T/A MESSICK & ASSOCIATES


Timothy Brenzel, Vice President



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1,309,250
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P.B.
2,744m

P.A.
3919m

14.57m
clear

1,401,000
000000

1,401,000
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AERIAL TOPOGRAPHY FLOWN AND COMPILED BY
SOT ON MAY 20, 2002 JOB # 75-02-0015
100 0 100 200 300
SCALE 1" = 100'

REV.	BY	DATE	REVISIONS

MARK B. WEBER, P. E.
Land Development Consultant
1818 Pineside Drive, Suite 203
Annapolis, MD 21401
Telephone 410 268 8285 Fax 410 267 7814

AERIAL TOPOGRAPHY
TAX MAP 21 BLOCK 12 PARCEL 57
PROPERTY OF
**PENRHYN S. WATTS, JR., MARGARET ROSE
AND DOROTHY ROSE**
FOURTH TAX ASSESSMENT DISTRICT ANNE ARUNDEL COUNTY, MARYLAND

OWNER: PENRHYN S. WATTS JR., MARGARET ROSE
AND DOROTHY ROSE
8187 TELEGRAPH ROAD
SEVEN, MARYLAND 21144
DESIGN: ENK SHEET 1 OF 1
DRAWN: ENK DATE: JUNE, 2002 JOB: 2002-028-400
APPROVED: DAK SCALE: 1"=100' DWG: BAP1050

DATE: 3/15/04



**GRADING PERMIT SITE PLAN
SEVERN BAPTIST CHURCH**

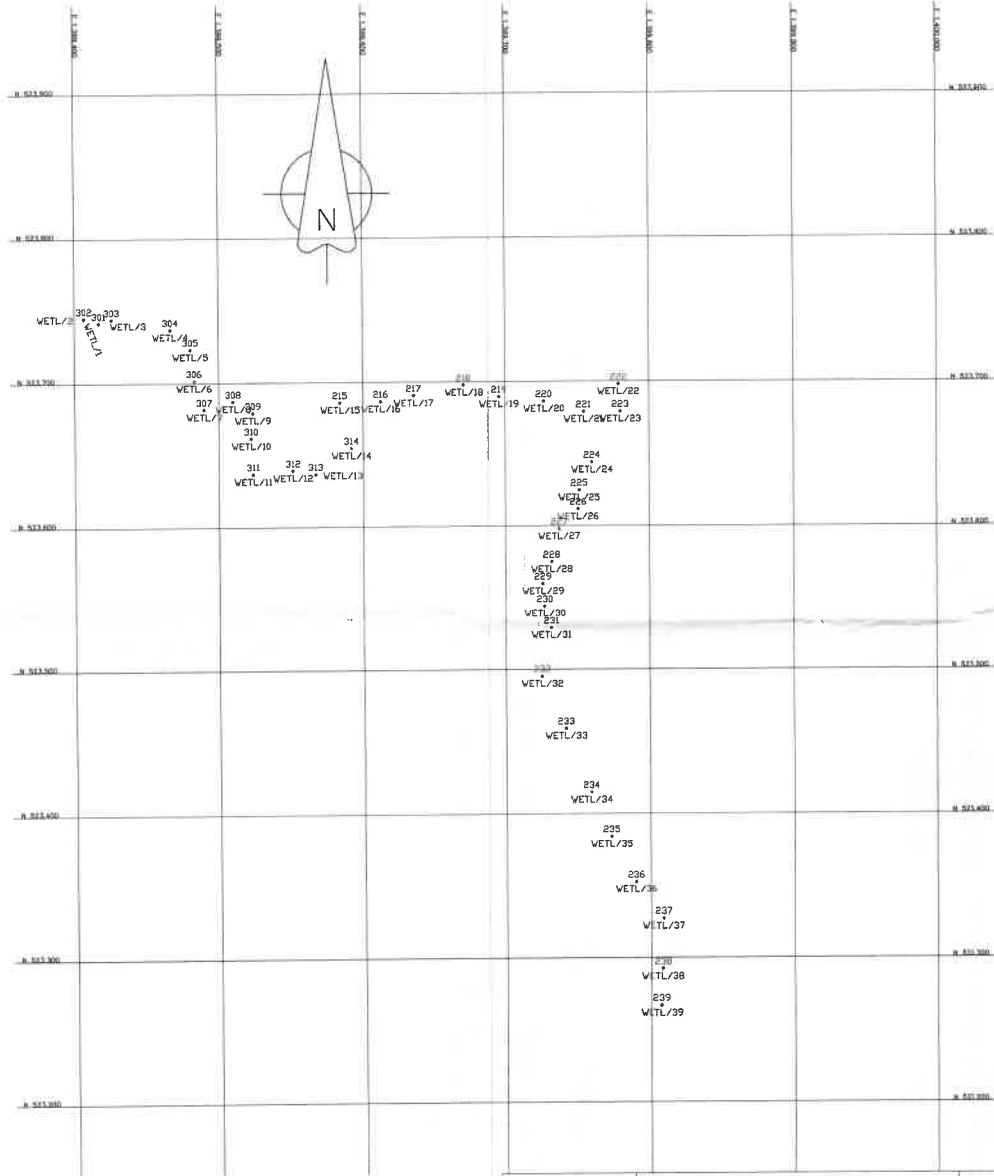
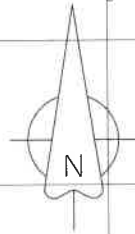
TAX MAP: 1 BLOCK: 12 PARCEL: 57
4TH TAX ASSESSMENT DISTRICT ANNE ARUNDEL COUNTY, MARYLAND
SCALE: 1" = 50' DATE: MARCH, 2004 SHEET 1 OF 1

MESSICK & ASSOCIATES*
CONSULTING ENGINEERS
45 OLD SOLOMONS ISLAND RD., SUITE 105
ANNAPOLIS, MARYLAND 21401
(410) 286-3212

LAND DEVELOPMENT CONSULTANT
MARK B. WEBBER, P.E.
LAND DEVELOPMENT CONSULTANT
1918 FOREST DRIVE, SUITE 208
ANNAPOLIS, MARYLAND 21401
(410) 286-2280

OWNER/DEVELOPER
SEVERN BAPTIST CHURCH
1330 DONALD MARINE
SEVERN, MARYLAND 21144

*Mark Webber 3-15-04
1920 River Road, Annapolis*



REVISIONS

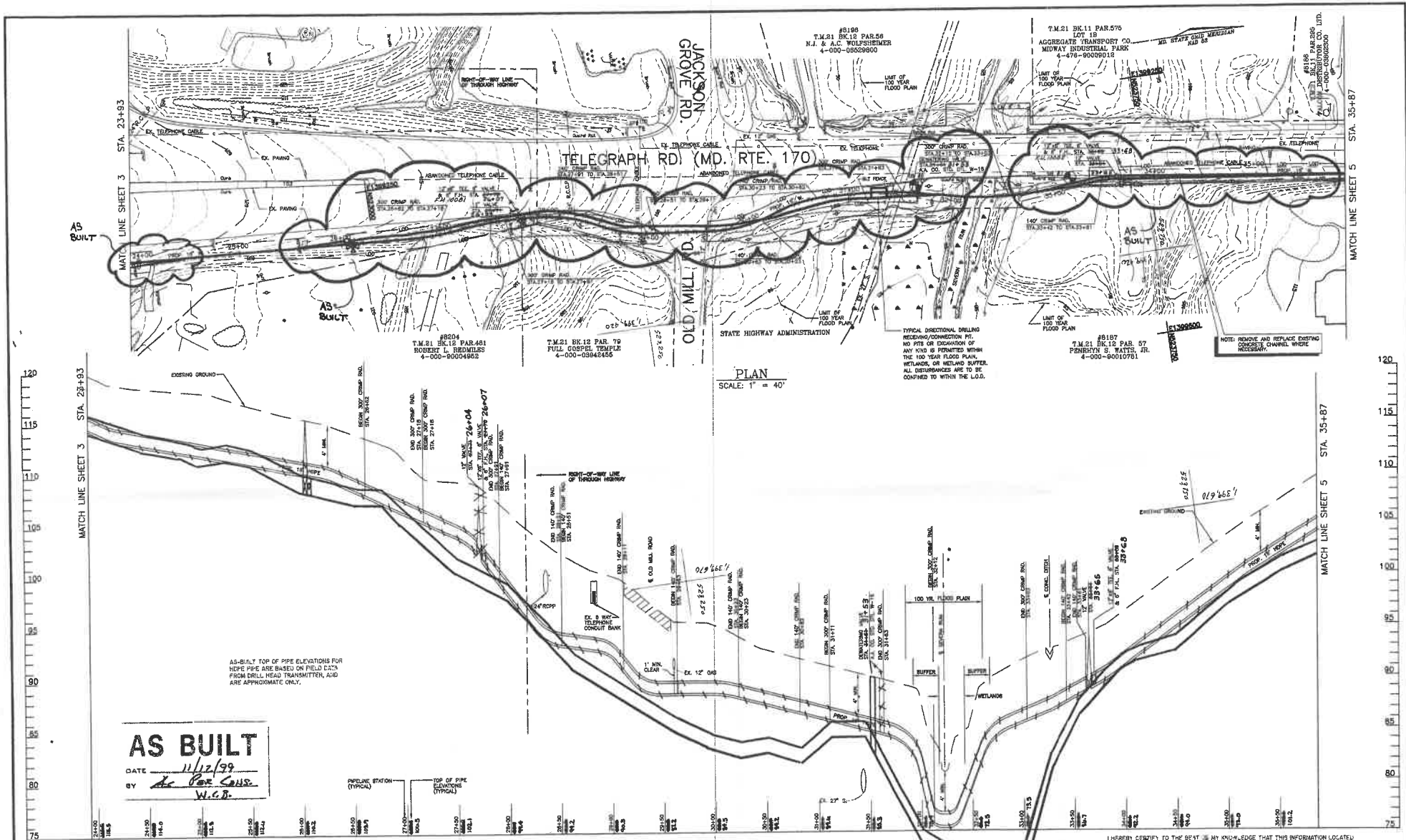


J.A. RICE, INC.
 P.O. BOX 1288
 MILLERSVILLE, MD
 21108
 (410) 987 4286

Lead Surveyors Certified M.B.E. Construction Stakeout

SCALE	
HORZ.	1" = 400'
DRAWN BY	WSC
DNE	07-08-04
FILE NO.	VEN00002
SHEET	OF

PREPARED FOR
 MARK B. WEBER
 SEVERN BAPTIST CHURCH
 MD 170
 WETLANDS LOCATION



PLAN
SCALE: 1" = 40'

AS-BUILT TOP OF PIPE ELEVATIONS FOR NEWS PIPE ARE BASED ON FIELD DATA FROM DRILL HEAD TRANSMITTER, AND ARE APPROXIMATE ONLY.

AS BUILT
DATE 11/12/99
BY *AC POPE SAUER*
W.C.B.

PROFILE
SCALE: HORIZ. 1" = 40'
VERT. 1" = 4'

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE THAT THIS INFORMATION LOCATED HEREON IS TRULY AND CORRECT TO ANY NOTATION.

NOTE: SEE SHEET 8 FOR 12" HOLE WITH 12" DATE VALUE DETAIL.
12" HOLE WITH 12" X 6" TEL. AND RE/SP TRANSITION DETAIL.

NOTE: 12" WATER REFERS TO 12" O.D. AND REFERS TO INSIDE DIAMETER OF PIPE.
12" HOLE REFERS TO 12" HOLE AND REFERS TO OUTSIDE DIAMETER OF PIPE.

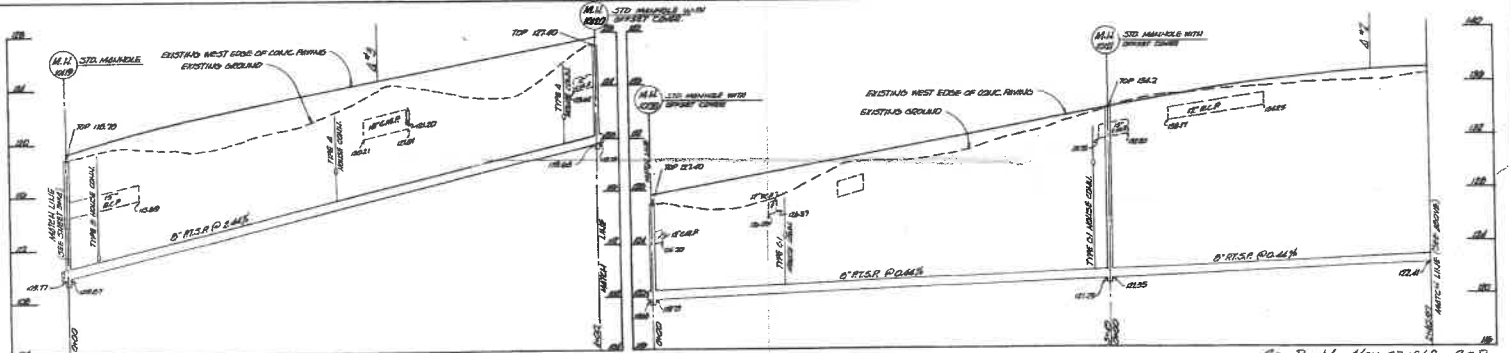
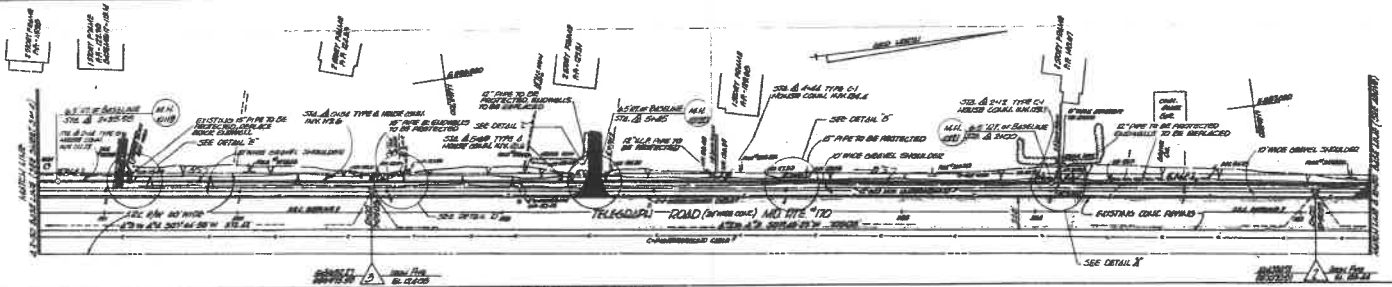
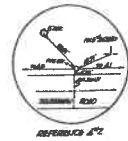
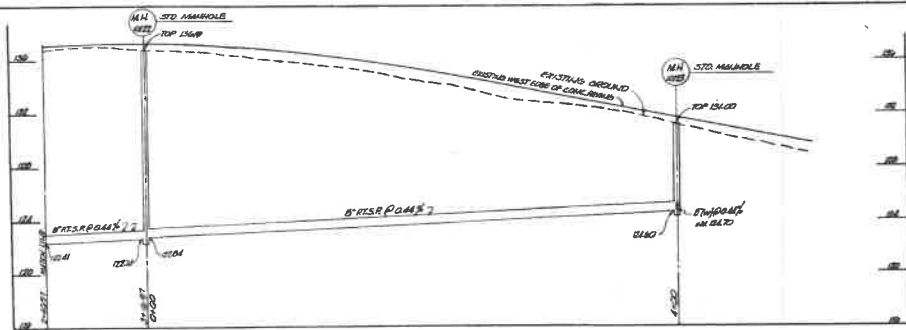
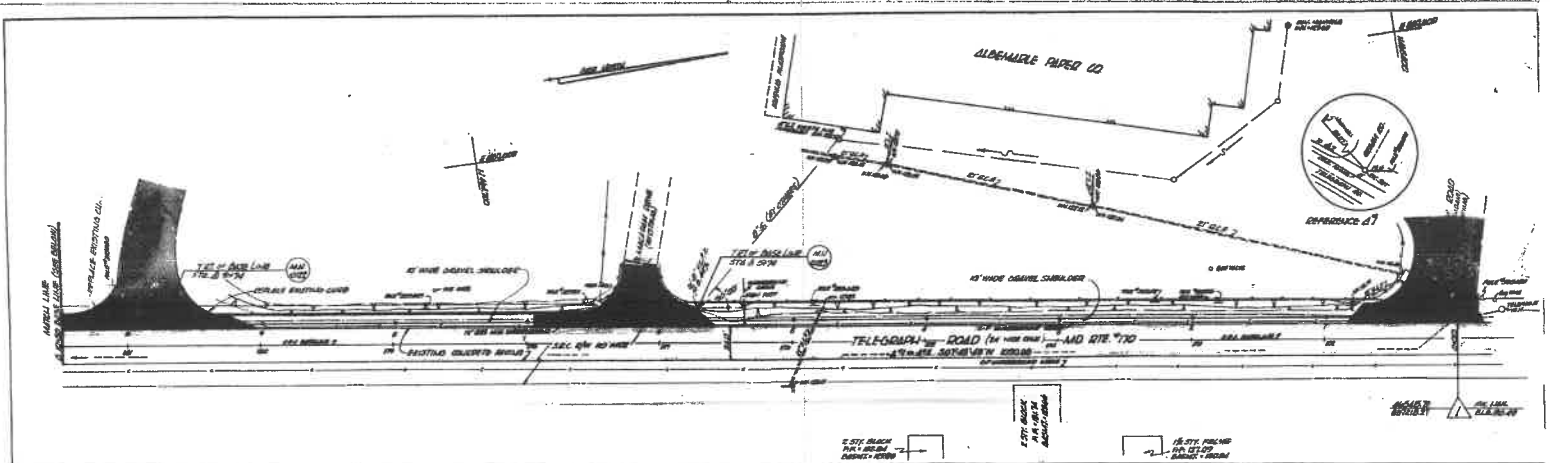
IT IS THE INTENT OF THIS DESIGN THAT ALL EXCAVATION FOR PIPELINE INSTALLATION BE BACKFILLED AND STABILIZED DURING THE SAME WORKDAY, UNLESS OTHERWISE APPROVED. IF THE CONTRACTOR MUST LEAVE OPEN EXCAVATIONS, ADEQUATE EROSION CONTROL MEASURES INCLUDING BUT NOT LIMITED TO STORM BARRIERS AND SEDIMENT TRAPS MUST BE INSTALLED TO INSURE THAT SEDIMENT DOES NOT LEAVE THE CONSTRUCTION AREA.



ENGINEER
JOHN E. HARRIS, JR. AND ASSOCIATES, P.C.
CONSULTING ENGINEERS-PLANNERS-SURVEYORS
50 SOUTHWEST WISCONSIN AVENUE
P.O. BOX 5
FREDERICK, MARYLAND 21703

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: <i>W.C.B.</i>	APPROVED: <i>W.C.B.</i>	DATE: 11/12/99	SCALE: AS SHOWN
CHECKED BY: <i>W.C.B.</i>	PROJECT MANAGER: <i>W.C.B.</i>	DRAWN BY: <i>D.M./M.J.D.</i>	PROJECT NO. 4-7728
ASSISTANT CHIEF ENGINEER	CHIEF RIGHT OF WAY	SHEET NO. 4 OF 8	PROPOSAL NO. 5398-W

WATER PLAN AND PROFILE
STA. 23+93 TO STA. 35+87
TELEGRAPH ROAD INTERCONNECT
4TH DISTRICT, ANNE ARUNDEL COUNTY, MARYLAND



UTILITY OPERATION

REVIEWED DATE 30 JUN 66

CHIEF OF OPERATION

SCALE
PLAN: 1"=40'
PROFILE: 1"=4'

C.P. [Signature]
C.A. [Signature]

		ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS		UTILITY DESIGN	
		DRAWN BY: W.M.L.	SCALE: AS SHOWN	PATIENT SANITARY DISTRICT	
CHECKED BY: A.L.S.	DATE: 11-22-66	SHEET NO. 3 OF 4	TELEGRAPH ROAD SEWER	PROPOSAL NO. 554-S	DISTRICT 3
DATE OF SUBMISSION:	DATE:	PROJECT NO. 88-7-0-25	BOOK NO. 25,250 C.O.M.	DISTRICT 3	DATE:
CHIEF OF DEPT. OF THIS DIVISION	DESIGN ENGINEER	15 th Council Dist.			

ANNE ARUNDEL COUNTY, MARYLAND DEPARTMENT OF PLANNING & ZONING

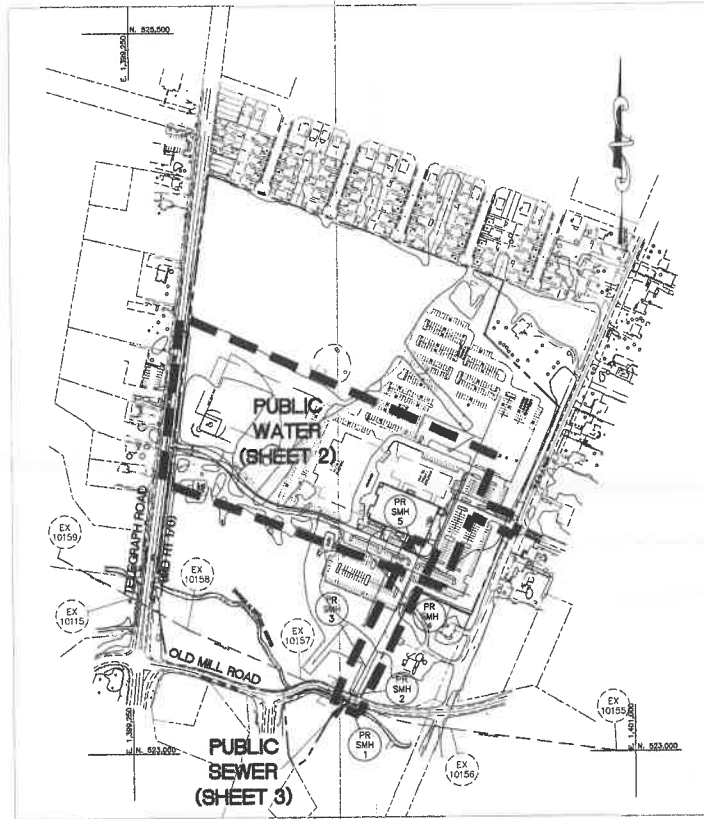
PUBLIC WATER AND SANITARY SEWER EXTENSIONS 8187 TELEGRAPH ROAD



ADD. PERMITTED USE NUMBER 21003176
VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES FOR UTILITIES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MOST CURRENT ANNE ARUNDEL COUNTY "STANDARD DETAILS AND SPECIFICATIONS FOR CONSTRUCTION" AND ANY REVISION THEREOF.
2. THE EXISTING UTILITIES AND OBSTRUCTIONS SHOWN ARE FROM THE BEST AVAILABLE RECORDS, AND SHALL BE VERIFIED BY THE CONTRACTOR TO HIS SATISFACTION PRIOR TO CONSTRUCTION. NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SERVICES AND MAINS, AND ANY DAMAGE TO THESE SHALL BE REPAIRED IMMEDIATELY AT HIS OWN EXPENSE.
3. IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NORMALLY BE REQUIRED TO COMPLETE THE PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PERFORM SUCH WORK.
4. ALL WORK SHALL COMPLY WITH APPLICABLE PROVISIONS OF THE MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS ISSUED BY THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.
5. THE MEASURES REQUIRED IN THE APPROVED SEDIMENT CONTROL PLAN SHALL APPLY AS IF SHOWN ON THIS PLAN, AND SHALL BE COMPLETE AND IN SERVICE PRIOR TO THE CONSTRUCTION OF UTILITIES SHOWN ON THIS PLAN.
6. THE CONTRACTOR SHALL NOTIFY MISS UTILITY 1-800-257-7777 AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING THE WORK SHOWN ON THESE DRAWINGS.
7. THE CONTRACTOR SHALL NOTIFY THE ANNE ARUNDEL COUNTY DEPARTMENT OF PLANNING AND ZONING (410) 222-7347, AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING THE WORK SHOWN ON THESE PLANS.
8. UNLESS OTHERWISE NOTED, PIPE ELEVATIONS FOR WATER MAINS REFER TO TOP OF PIPE AND SANITARY SEWER ELEVATIONS REFER TO THE INVERTS.
9. UNLESS OTHERWISE NOTED, ALL WATER PIPES SHALL BE D.I.P. WITH APPROVED STANDARDIZED MECHANICAL JOINTS AND MANUFACTURED IN ACCORDANCE WITH AWWA C900.
10. TRENCH BACKFILL SHALL BE COMPACTED TO A MINIMUM 98% DENSITY IN ACCORDANCE WITH A.A.S.H.T.O. DESIGNATION T-180, METHOD C.
11. FIRE HYDRANTS ARE TO BE PAINTED SAFETY YELLOW, AND RISER PIPE PAINTED GLOSS BLACK.
12. ALL STRUCTURE DIMENSIONS SHALL REFER TO THE CENTERLINE OF THE "STRUCTURES".
13. ALL FIRE HYDRANTS SHALL BE IN ACCORDANCE WITH ANNE ARUNDEL COUNTY STANDARD SPECIFICATIONS AND WATER DETAILS W-14 AND W-15.
14. ALL WATER VALVES ON FIRE HYDRANT LEADS AND STUB LINE SHALL BE STRAPPED IN ACCORDANCE WITH THE ANNE ARUNDEL COUNTY STANDARD DETAILS.
15. ALL BENDS AND CAPS IN THE WATER MAIN SHALL BE BUTTRESSED IN ACCORDANCE WITH THE ANNE ARUNDEL COUNTY STANDARD WATER DETAIL W-3 OR LATEST REVISION.
16. ALL WATER LINES TO BE INSTALLED WITH A MINIMUM OF 4'-0" COVER UNLESS OTHERWISE INDICATED.
17. REPAIR PAVEMENT CUTS IN ACCORDANCE WITH MSHA STD. 578.01 OR LATEST REVISION.
18. DISTURBANCE WITHIN THE EXISTING ROADWAYS MUST BE STABILIZED IMMEDIATELY USING COLD PATCH BITUMINOUS MATERIAL. PERMANENT PAVEMENT PATCHING IN THESE AREAS WITH HOT MIX BITUMINOUS MATERIAL MUST BE COMPLETED WITHIN 30 DAYS TO MATCH THE EXISTING SECTION.
19. ALL MANHOLES ARE TO BE BITUMINOUS COATED.



OVERALL PLAN
SCALE: 1" = 200'

SITE LEGEND

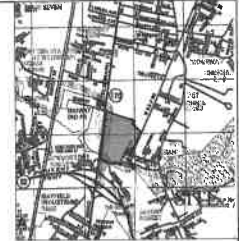
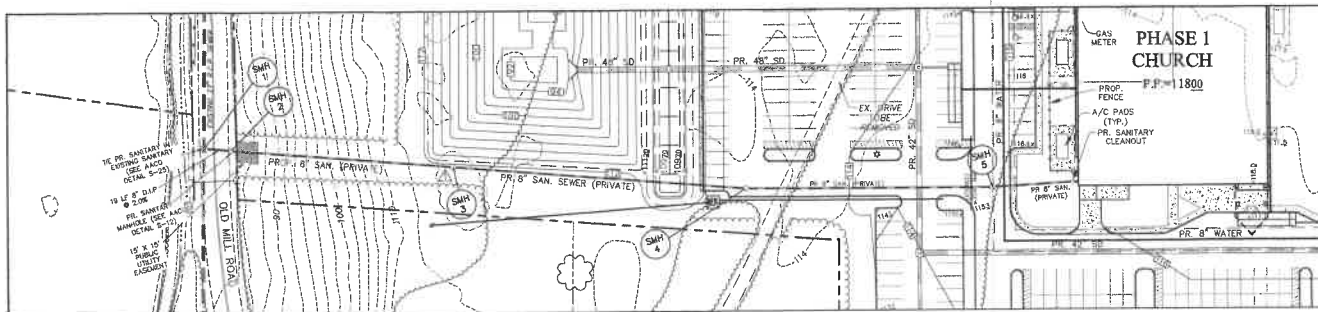
- | | | |
|-------|---------------------|--|
| ⊕ | BOL | BOLLARD |
| TV | CATV | CABLE TV |
| E | EBOX | ELECTRIC BOX |
| FH | FH | FIRE HYDRANT |
| ⊕ | GASMH | GAS MANHOLE |
| ⊕ | CBOX | GAS JUNCTION BOX |
| ^ | GUY | GUY WIRE |
| ⊕ | GVAL | GAS VALVE |
| ⊗ | LP | LIGHT/LAMP POLE |
| ⊕ | PP | POWER POLE |
| P | PPM | POWER MANHOLE |
| ⊕ | SDM | STORM DRAIN MANHOLE |
| ⊕ | SIGN | SIGN |
| S | SSM | SANITARY MANHOLE |
| ⊕ | TCD | TRAFFIC CONTROL DEVICE-
ELECTRIC JUNCTION BOX |
| ⊕ | TLN | TELEPHONE PEDESTAL/BOX |
| WV | WV | WATERLINE VALVE |
| 116.3 | | PROPOSED SPOT SHOT |
| --- | | EXISTING CURB & GUTTER |
| --- | | EXISTING CONTOUR |
| --- | | PROPOSED 2' CONTOUR |
| --- | | EXISTING TREE LINE |
| --- | | PROPOSED TREE LINE |
| --- | | PROPERTY LINE/LOT LINE |
| --- | | BUILDING RESTRICTION LINE |
| --- | EX. 27" VCP | EXISTING SEWER |
| --- | PR. 8" S | PROPOSED SEWER |
| --- | EX. 16" WATER | EXISTING WATER |
| --- | PR. 8" WATER | PROPOSED WATER |
| --- | PR. 24" STORM DRAIN | PROPOSED STORM DRAIN |

SHEET INDEX

1. COVER SHEET
2. WATER PLAN AND PROFILES
3. SANITARY SEWER PLAN AND PROFILES
4. TRAFFIC CONTROL PLAN

6-28-05
Revised Utility Plan

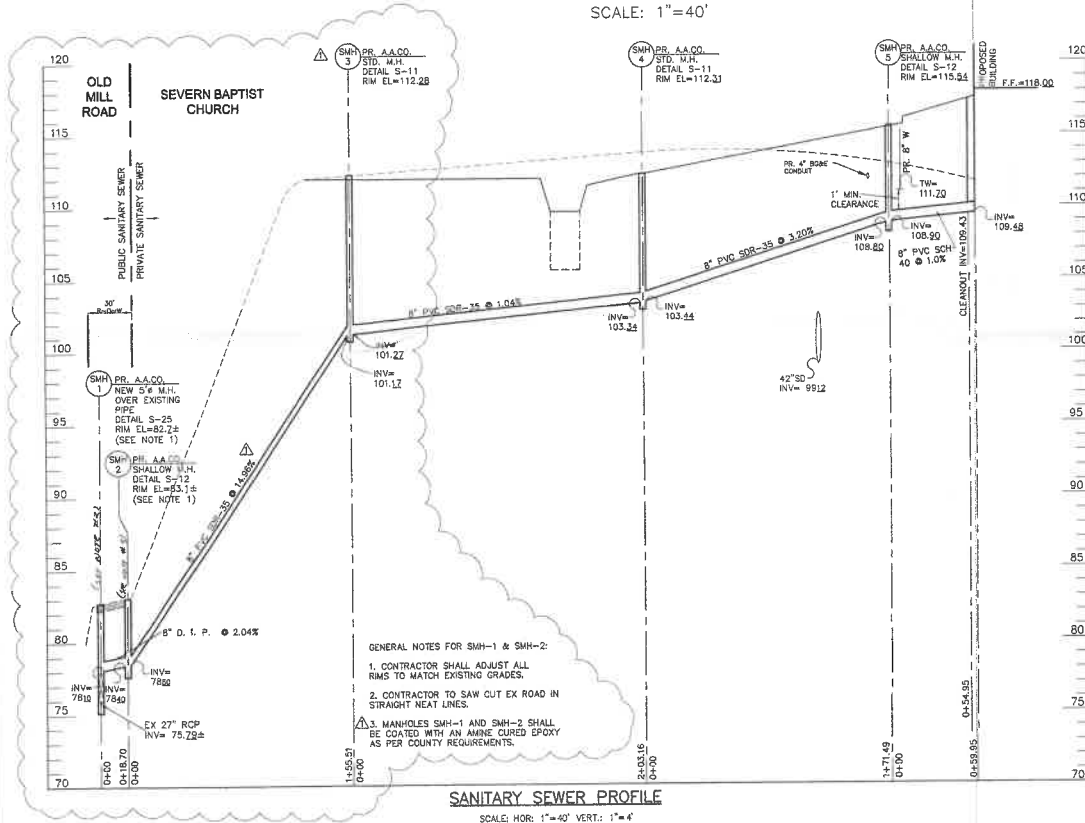
MESSICK & ASSOCIATES* CONSULTING ENGINEERS 31 OLD SOLOMONS ISLAND RD., SUITE 201 ANNAPOLIS, MARYLAND 21401 (410) 286-3212		ANNE ARUNDEL COUNTY	
		DEPARTMENT OF PUBLIC WORKS	
		RECEIVED DATE: _____ BY: _____	APPROVED DATE: _____
		CHIEF ENGINEER APPROVED DATE: _____	SCALE: AS NOTED DRAWN BY: COP CHECKED BY: TUB SHEET: 1 OF 4 PROJECT NO.: CONTRACT NO.:
REVISION DESCRIPTION BY DATE			COVER SHEET SEVERN BAPTIST CHURCH PUBLIC UTILITY EXTENSIONS 8187 TELEGRAPH ROAD 4th TAX DISTRICT ANNE ARUNDEL COUNTY, MD.



ADC PERMITTED USE NUMBER 21003176
VICINITY MAP
 SCALE: 1" = 2000'

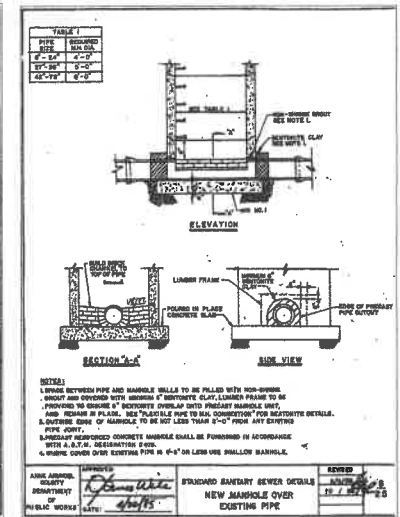
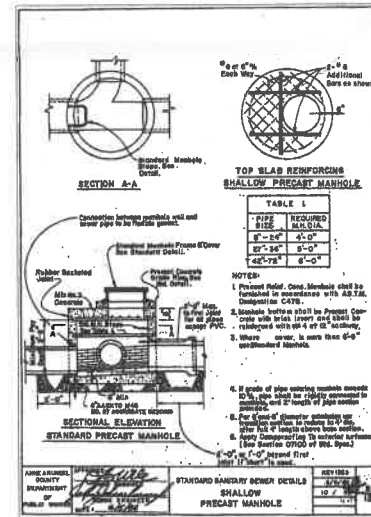
SANITARY PLAN

SCALE: 1"=40'



SANITARY SEWER PROFILE

SCALE: HOR: 1"=40' VERT: 1"=4'



REVISION	DESCRIPTION	BY	DATE
1	RELOCATED SMH-3 AND REVISED SLOPE OF SANITARY SEWER (SLOPE LESS THAN 15%). ADDED NOTE #3.	DJV	08/05

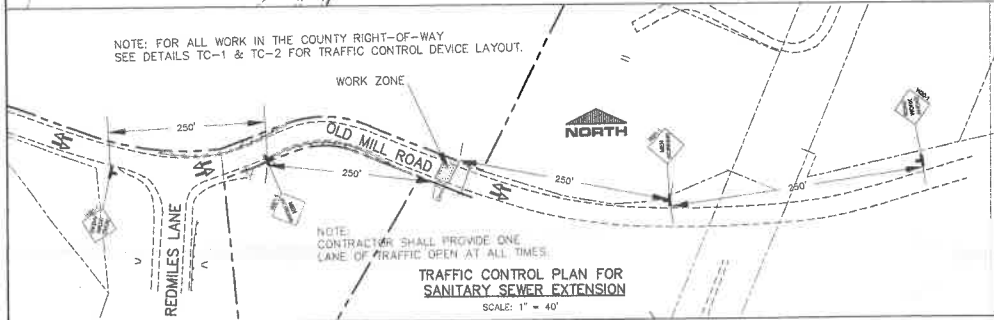
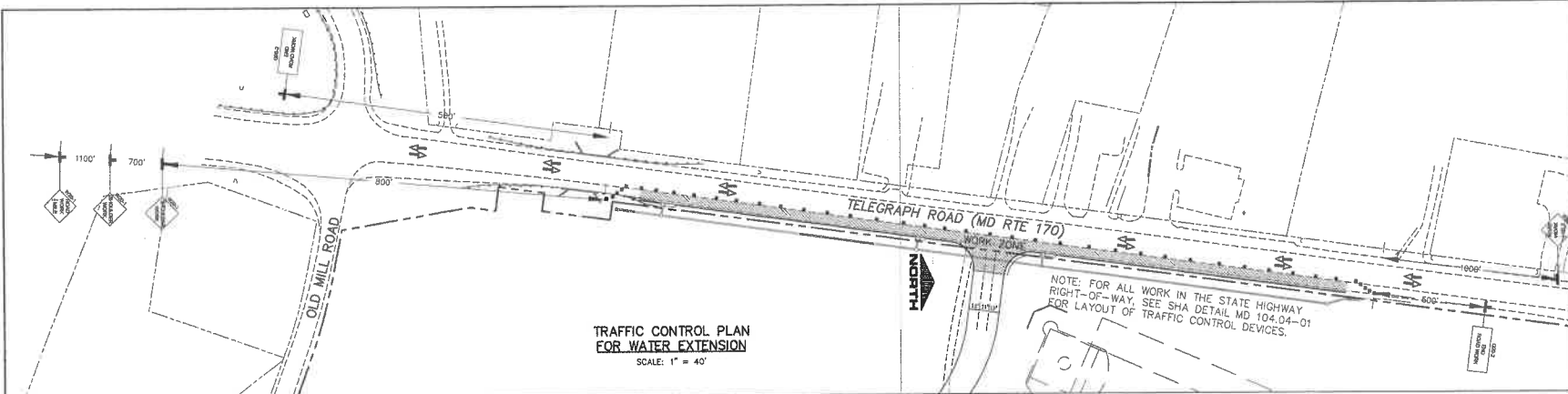
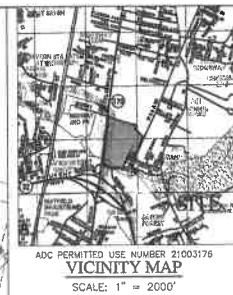
MESSICK & ASSOCIATES*



CONSULTING ENGINEERS
 31 OLD SOLOMONS ISLAND RD., SUITE 201
 ANNAPOLIS, MARYLAND 21401
 (410) 286-3212

* MESSICK GROUP INC. TIA MESSICK AND ASSOCIATES

ANNE ARUNDEL COUNTY		DEPARTMENT OF PUBLIC WORKS	
REVISION	DATE	SCALE: AS NOTED	SANITARY SEWER PLAN & PROFILE SEVERN BAPTIST CHURCH PUBLIC UTILITY EXTENSIONS 8187 TELEGRAPH ROAD 4th TAX DISTRICT ANNE ARUNDEL COUNTY, MD.
APPROVED BY: _____	DATE: _____	DRAWN BY: COP	
CHECKED BY: TJJ	DATE: _____	CHECKED BY: TJJ	
APPROVED: _____	DATE: _____	SHEET: 3 OF 4	
REVIEW ENGINEER: _____	DATE: _____	PROJECT NO.: _____	
CONTRACT NO.: _____		CONTRACT NO.: _____	



GENERAL NOTES

- Maryland State Highway Administration District and the Anne Arundel County Department of Public Works shall be notified at least 48 hours prior to any lane closures, flagging operations and temporary road closures in order to schedule a field inspection of all traffic control devices.
- All construction and materials for the traffic control devices shall be in accordance with the standards contained in the Manual of Uniform Traffic Control Devices.
- All work shall be performed in the roadway from either 8:00 AM to 3:00 PM and/or from 7:00 PM to 6:00 AM.
- Travel lanes shall be a minimum of eleven (11) feet in width. When only one lane is open, flagmen with stop/flow paddles and the appropriate signing shall be provided.
- Warning lights shall be used to mark channelizing devices at night along the construction area.
- When government dropoffs are present, refer to Maryland Department of Transportation, State Highway Administration Standard No. MD 104.92 for Staged Roadway Construction.
- All open trenches shall be closed at the end of each day. If steel plates are to be used, appropriate signing shall be required.
- All signs that do not apply will be covered.
- Access shall be provided to all existing driveways at all times.
- All signs, cones and flagmen shall be moved accordingly as construction progresses.
- All construction signing shall be in accordance with typical sign placement shown on these plans and shall not obstruct existing Traffic Control Devices.
- If temporary parking restriction will be required, the Contractor will be responsible for installing signs for notifying at least one day in advance all affected residents. The contractor must contact the County before any parking restrictions are enacted.
- Construction and Workmen's vehicles shall not be parked in a manner that will impede traffic or impair sight distance. These vehicles should be parked off-street on the construction site or on a side street not under construction.
- Flood lights should be provided to mark flagger stations at night.
- Channelizing devices are to be extended to a point where they are visible to approaching traffic.
- Contractors attention is directed to the fact that traffic control devices shall not block sight distance.
- Road closure is not anticipated, however if a need should arise, State Highway Administration and Anne Arundel County will be notified 48 hours in advance to coordinate the closure. In addition, all such closures shall be placed in the local newspapers and other media, as well as on the road to be closed at least 30 days prior to the date of starting the closure. Where the maintenance of the traffic plan includes a local road closure, the emergency management agency of the County shall be notified at least 5 days in advance of said closure.

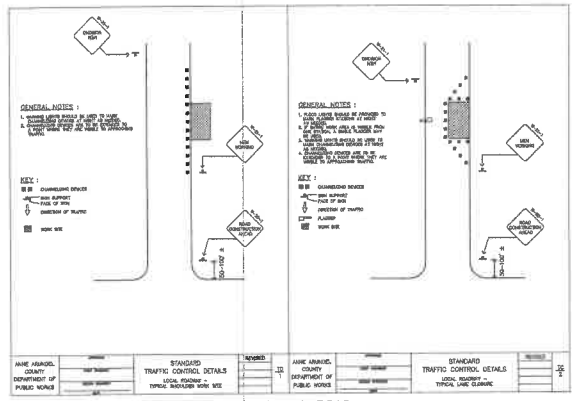
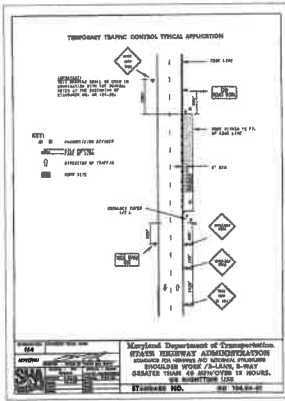
TRAFFIC CONTROL NOTES

MAINTENANCE OF TRAFFIC GENERAL INTENT
During construction of this project, the contractor shall confine the work zone to areas shown on these plans and confine his work to one lane at a time.
The contractor shall provide adequate protection by means of ditches or other approved channelization devices placed along the edge of the traveled way.
Channelizing devices shall be as specified in the Manual of Uniform Traffic Control Devices (MUTCD) Section 9e-8 to protect all vehicular traffic on the traveled lanes.

ACCESS TO RESIDENCES/PROPERTIES
The contractor shall schedule and execute his work in such a way that emergency vehicles have access to all abutting properties at all times.
The contractor may during daytime or working hours be required to provide a temporary means of ingress and egress to the properties as the need arises. During non-working hours the contractor shall provide a means of access around or through the work zones.

DELIVERY OF MATERIALS
Construction materials may not be laid out or stored along either roadway. Access to properties either vehicular or pedestrian shall not be shall not be blocked by the storage of materials.

STOCKPILE OF EXCAVATED MATERIAL
The contractor may not store excavated material, borrow material, or gravel, etc. in the section of the roadway that he has reserved for construction. Material shall not be stockpiled in any places where it will impede traffic or impede access to properties. Further, material will not be stockpiled in a way that impose sight distance and visibility.



Traffic Control Applications:
The contractor shall refer to the Maryland Department of Transportation State Highway Administration Book of Standards for the most current Traffic Control Applications.

MESSICK & ASSOCIATES*		CONSULTING ENGINEERS		31 OLD SOLOMONS ISLAND RD., SUITE 201 ANNAPOLIS, MARYLAND 21401 (410) 266-3212	
REVISION DESCRIPTION		BY DATE		* MESSICK GROUP INC. IS A MESSICK AND ASSOCIATES	
ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS			TRAFFIC CONTROL PLAN SEVERN BAPTIST CHURCH PUBLIC UTILITY EXTENSIONS 8187 TELEGRAPH ROAD 4th TAX DISTRICT ANNE ARUNDEL COUNTY, MD.		
IN CHARGE	DATE	APPROVED	DATE	SCALE: AS NOTED	DRAWN BY: COP CHECKED BY: TJB SHEET: 4 OF 4 PROJECT NO.: CONTRACT NO.:
BY		CHIEF ENGINEER	DATE		
		APPROVED			
		REVIEW ENGINEER			



LEGEND

- EX. TOPO
- PROP. TOPO
- 15% SLOPES
- 25% SLOPES
- 25' SLOPE BUFFER
- WETLANDS
- 25' WETLAND BUFFER
- FLOOD PLAN (FEMA F.P.)
- EX. WOODED AREA
- LIMIT OF CLEARING
- LIMIT OF DISTURBANCE

SITE PLAN
SCALE: 1"=60'

SEVERN BAPTIST CHURCH
GRADING & SEDIMENT CONTROL PLAN

TAX MAP: 21 BLOCK: 12 PARCEL: 57
4TH TAX ASSESSMENT DISTRICT
ANNE ARUNDEL COUNTY, MARYLAND
SCALE: AS SHOWN DATE: JANUARY, 2005 SHEET 3 OF 10

MESSICK & ASSOCIATES+
CONSULTING ENGINEERS
31 OLD SOLOMONS ISLAND RD., SUITE 201
ANNAPOLIS, MD 21401
(410) 266-3212

LAND DEVELOPMENT CONSULTANT:
MARK B. WEBER, P.E.
LAND DEVELOPMENT CONSULTANT
1915 FOREST LANE, SUITE B
ANNAPOLIS, MD 21401
(410) 269-2288

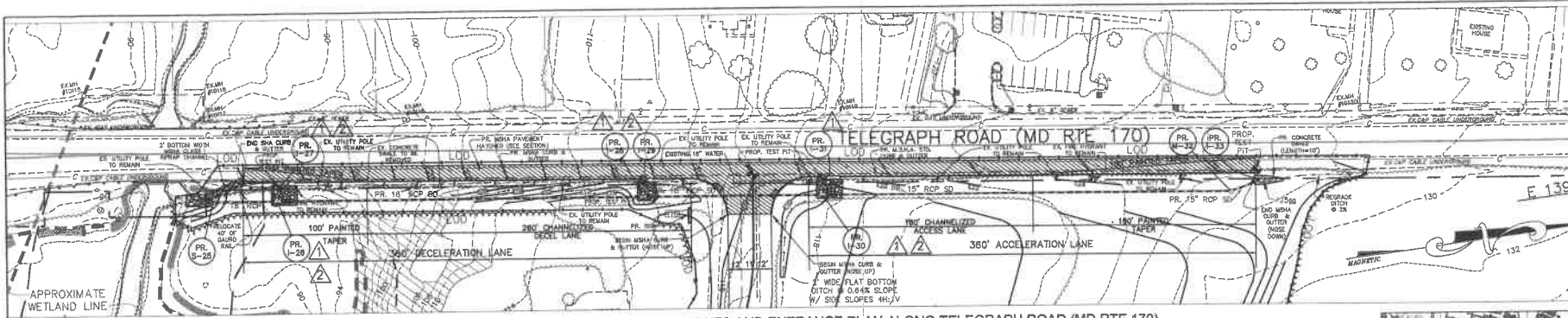
OWNER/DEVELOPER:
SEVERN BAPTIST CHURCH
1330 DONALD AVENUE
SEVERN, MARYLAND 21144

PLANS APPROVED BY
Bruce W. Herington, P.E.
JUN 26 2006
Dem Safety Division
Maryland Dept. of the Environment

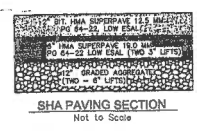
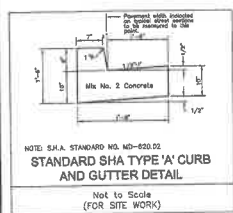
REVISION DESCRIPTION	DATE	BY



FILE: C:\A\CV04-0000 Severn Baptist Church\DRAWING\ROAD - REVISION #1 (06-25-05)\SHA ROAD IMPROVEMENT-ROAD.dwg
 June 2005



ROAD IMPROVEMENTS AND ENTRANCE PLAN ALONG TELEGRAPH ROAD (MD RTE 170)

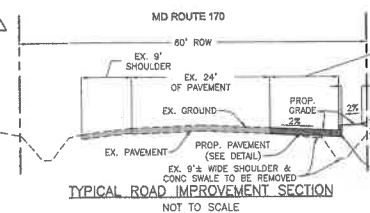


NOTE:
 1. ALL EXISTING UTILITIES SHOWN HEREON ARE APPROXIMATE BASED ON RECORD DRAWINGS ON FILE WITH THE RESPECTIVE AGENCY.
 2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY BY TEST PIT THE TYPES, LOCATIONS, SIZES AND DEPTHS OF ALL UTILITIES IN AND AROUND THE SITE AND WHERE PROPOSED UTILITIES WILL CROSS EXISTING UTILITIES BEFORE ORDERING MATERIALS FOR CONSTRUCTION. IF ANY DISCREPANCIES ARE FOUND THAT AFFECT THE DESIGN, THE CONTRACTOR SHALL REPORT IT TO THE ENGINEER, SO THAT A REVISION TO THE DESIGN CAN BE DEVELOPED.
 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND RELOCATE ANY EXISTING AND/OR PROPOSED UTILITIES WITH THE RESPECTIVE AGENCY.

SCALE: 1"=40'

STRUCTURE	NORTHING	EASTING	LOC
S-25	523,630.89	1,399,348.89	***
M-28	523,683.61	1,399,358.12	***
-27	523,683.52	1,399,347.85	**
M-28	523,690.08	1,399,340.80	**
-29	523,174.85	1,399,381.64	**
-28A	523,978.79	1,399,380.85	**
-30	524,118.85	1,399,414.72	**
-31	524,124.35	1,399,408.00	**
M-32	524,442.97	1,399,459.63	**
-33	524,468.80	1,399,453.56	**

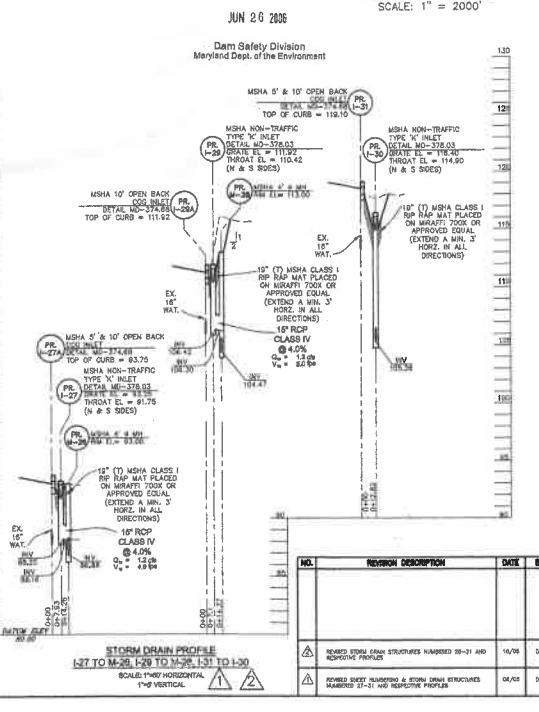
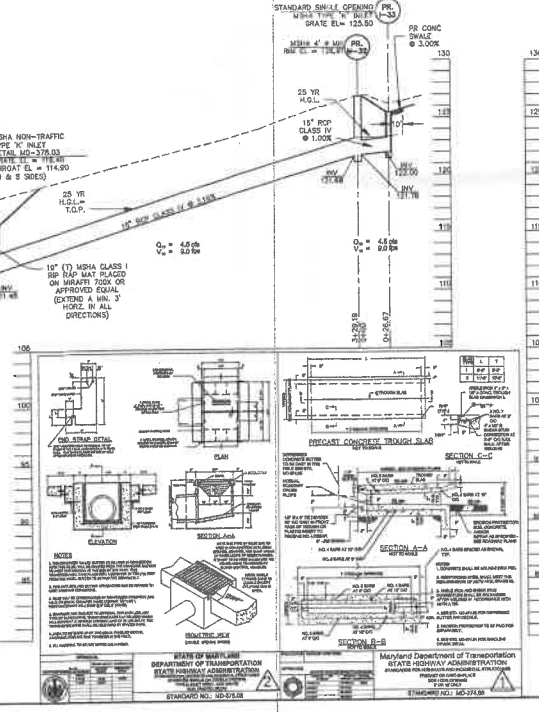
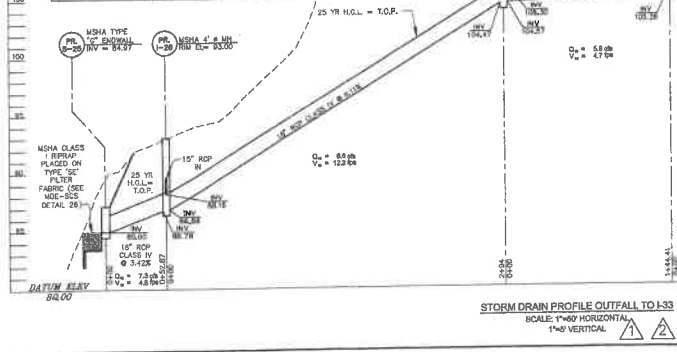
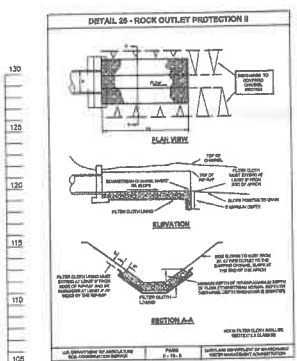
* CENTER OF STRUCTURE
 ** CENTER LINE OF THROAT OPENING AT FACE OF CURB
 *** END OF PIPE RUN



PLANS APPROVED BY
 Bruce W. Harrington, P.E.
 JUN 26 2005
 Dam Safety Division
 Maryland Dept. of the Environment



ADP PERMITTED USE NUMBER 21003176
 VICINITY MAP
 SCALE: 1" = 2000'



NO.	REVISION DESCRIPTION	DATE	BY
1	REVISED STORM DRAIN STRUCTURES NUMBERED 28-31 AND ADJUSTIVE PROFILES	04/05	BY
2	REVISED SHEET NUMBERING & STORM DRAIN STRUCTURES NUMBERED 27-31 AND ADJUSTIVE PROFILES	04/05	BY

SHA ROAD IMPROVEMENT PLAN
 SEVERN BAPTIST CHURCH
 GRADING & SEDIMENT CONTROL PLAN

OWNER/DEVELOPER:
 SEVERN BAPTIST CHURCH
 1330 DONALD AVENUE
 SEVERN, MARYLAND 21144

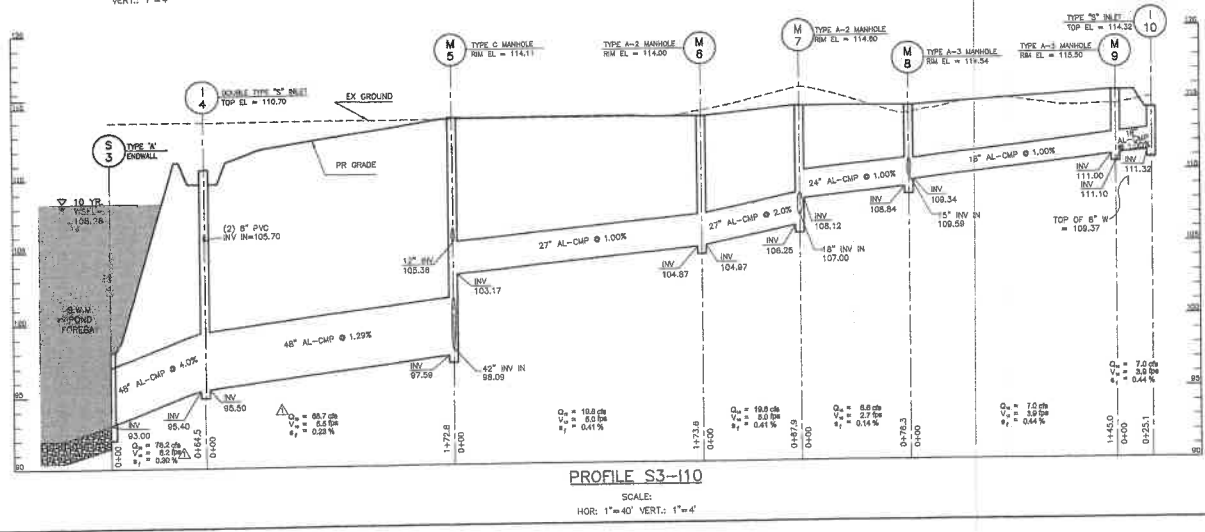
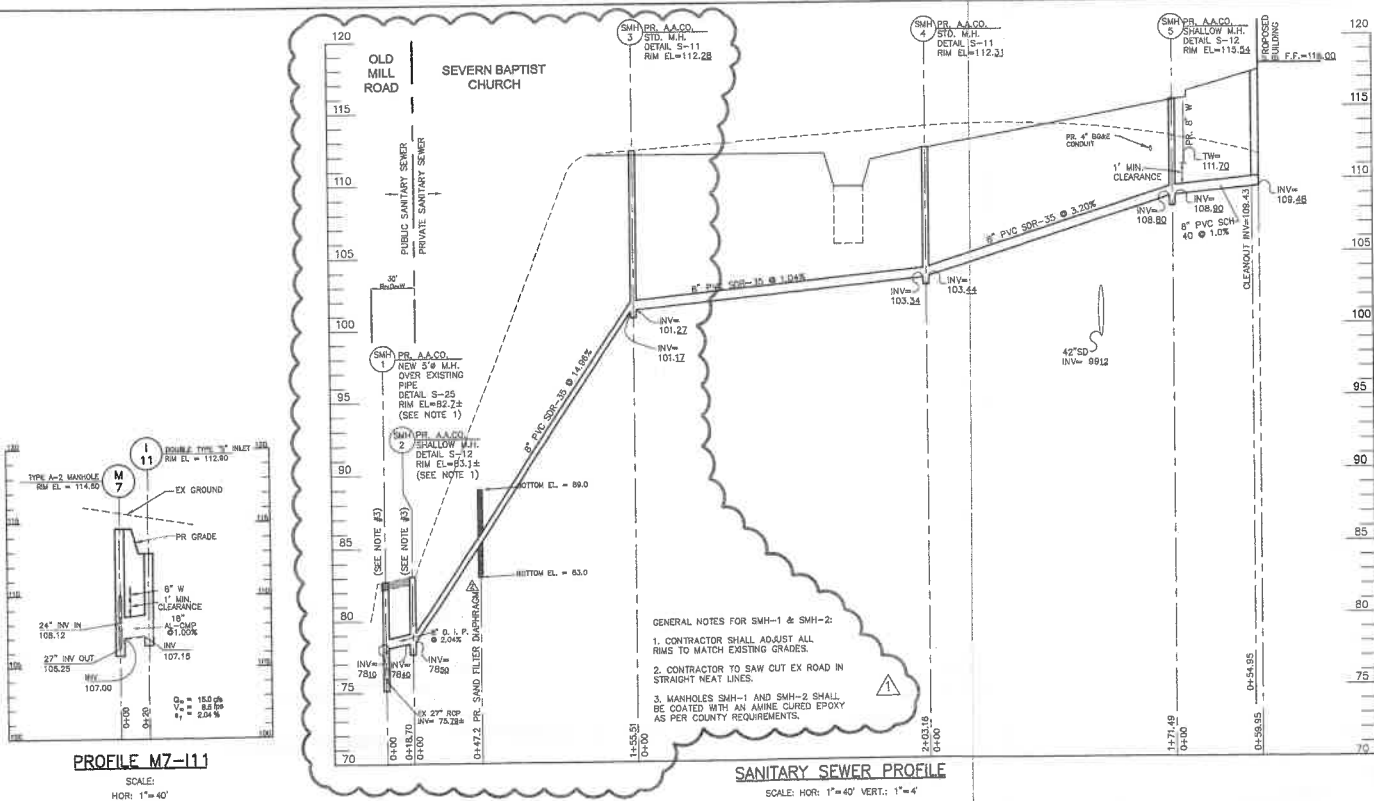
LAND DEVELOPMENT CONSULTANT:
 MARK B. WEBER, P.E.
 LAND DEVELOPMENT CONSULTANT
 1918 FOREST DRIVE, SUITE 2 B
 ANNAPOLIS, MARYLAND 21401
 (410) 268-2285

CONSULTING ENGINEERS
 MESSICK & ASSOCIATES*
 31 OLD SALOMONS ISLAND RD., SUITE 201
 ANNAPOLIS, MARYLAND 21401
 (410) 268-3232

TAX MAP: 21 BLOCK: 12 PARCEL: 97
 4TH TAX ASSESSMENT DISTRICT
 ANNE ARUNDEL COUNTY, MARYLAND
 SCALE: AS SHOWN DATE: JANUARY, 2005 SHEET 5 OF 18

STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 STANDARD NO. MD-215.8
 (TYPING NO. MD-215.8)

DATE: 01/24/2009 09:04:00 Severn Baptist Church\GIS\GIS\SEWER\SEWER - REVISION #1 (06-28-05)\P-1100123-REV1.dwg
 June 2005



△ NOTE: ALL ALUMINIZED CORRUGATED METAL PIPE (AL-CMP) TO BE ULTRAFLOW, WITH A MANNING'S N OF 0.013 OR LESS
 HIGH DENSITY POLYETHYLENE PIPE (HDPE) MAY BE SUBSTITUTED FOR THE ALUMINIZED CORRUGATED METAL PIPE PROVIDED THAT THE MANNING'S 'N' IS 0.013 OR LESS

NO.	REVISION DESCRIPTION	DATE	BY
1	FOR USE LATED SAND FILTER DRAINAGE ABOVE SANITARY SEWER PIPE	06/04	DM
2	CHANGED ROW VALUES AND PIPE MATERIAL WITH REVISION SHEET NUMBERED 20-000 SANITARY SEWER PROFILE FOR THE RECORD OF OWNER.	06/04	DM

MESSICK & ASSOCIATES*
 STORM DRAIN & SANITARY SEWER PROFILES
SEVERN BAPTIST CHURCH
 GRADING & SEDIMENT CONTROL PLAN

LAND DEVELOPMENT CONSULTANT:
MARK B. WEBER, P.E.
 LAND DEVELOPMENT CONSULTANT
 1918 FOREST DR. SUITE 2, B
 ANNAPOLIS, MARYLAND 21401
 (410) 268-2285

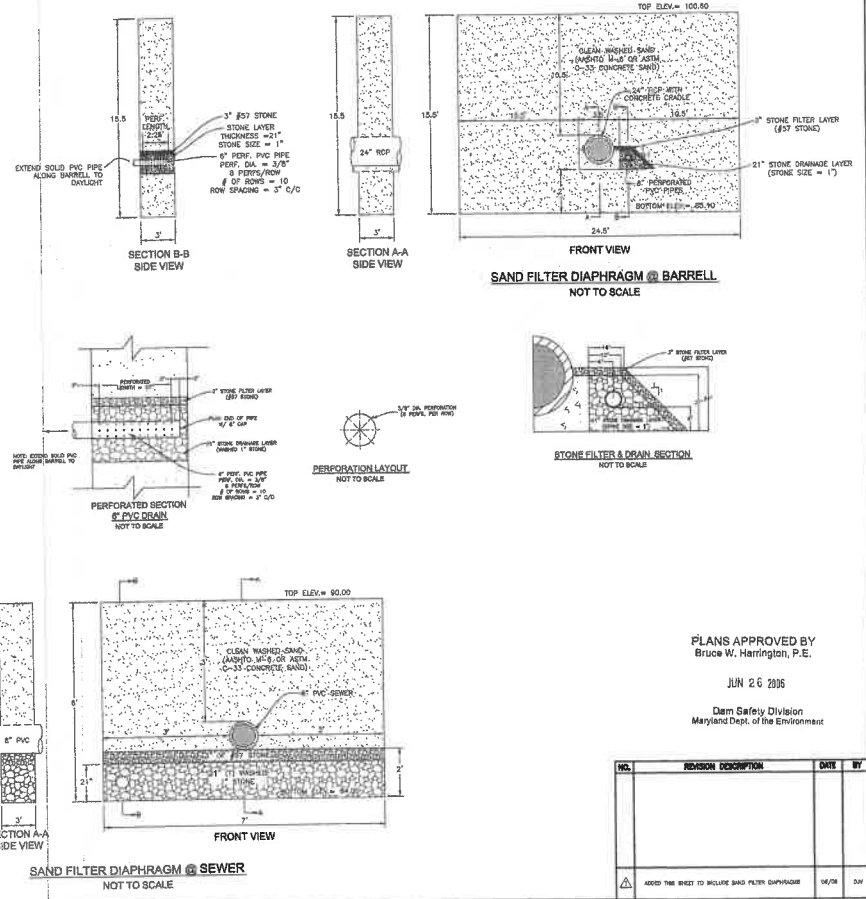
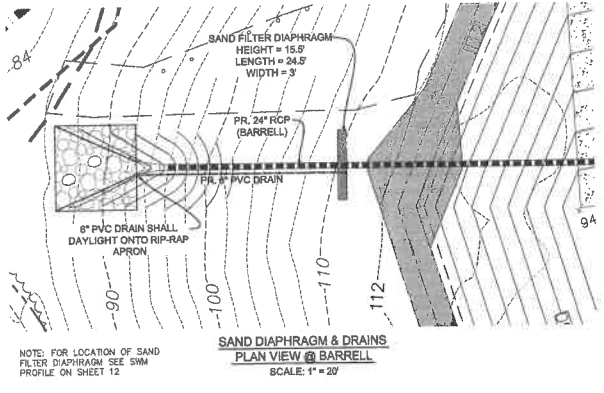
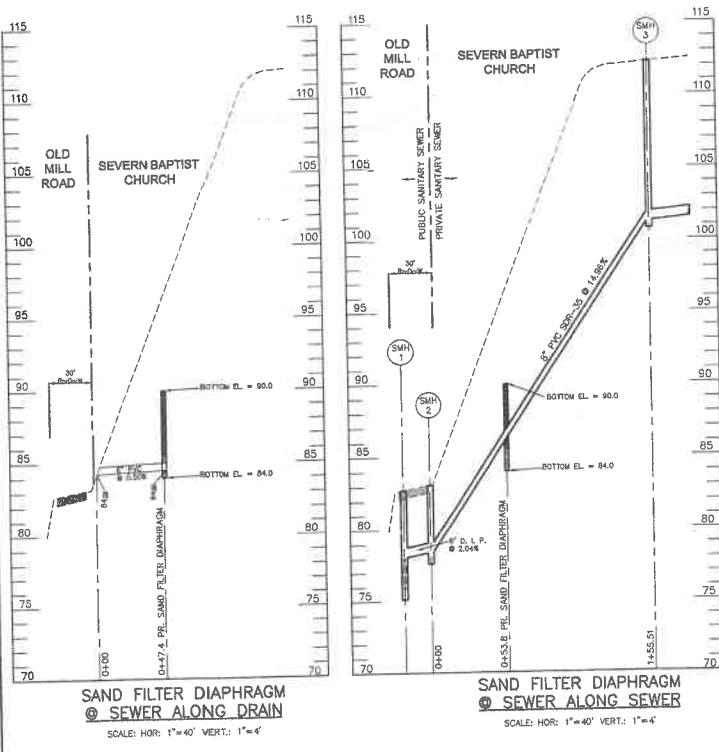
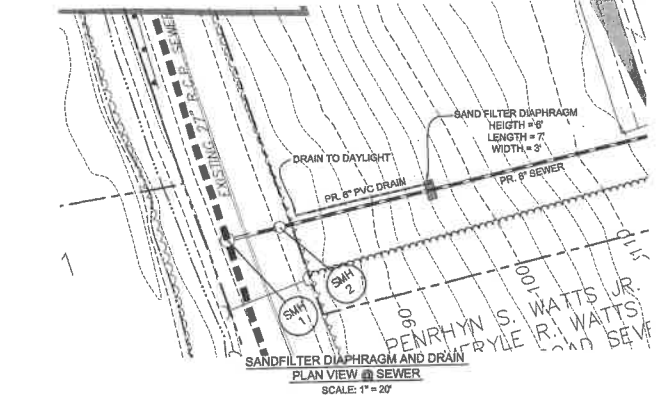
OWNER/DEVELOPER:
SEVERN BAPTIST CHURCH
 1330 DONALD AVENUE
 SEVERN, MARYLAND 21144

PLANS APPROVED BY
 Bruce W. Harrington, P.E.
 JUN 28 2005
 Dam Safety Division
 Maryland Dept. of the Environment

TAX MAP: 21 BLOCK: 12 PARCEL: 57
 4TH TAX ASSESSMENT DISTRICT
 ANNE ARUNDEL COUNTY, MARYLAND
 SCALE: AS SHOWN DATE: JANUARY, 2005 SHEET 8 OF 10 △



June 2006
 FILE: D:\N\03\04-0000 Sewer\Baptist Church\Drawings\DWG - SEWER PLAN (06-26-05)\10A-SW-20185-1071.dwg



PLANS APPROVED BY
 Bruce W. Harrington, P.E.
 JUN 26 2006
 Dam Safety Division
 Maryland Dept. of the Environment

NO.	REVISION DESCRIPTION	DATE	BY
1	ADD THIS SHEET TO INCLUDE SAND FILTER DIAPHRAGM	06/06	DW

STORMWATER MANAGEMENT DETAILS

**SEVERN BAPTIST CHURCH
 GRADING & SEDIMENT CONTROL PLAN**

MESSICK & ASSOCIATES*

CONSULTING ENGINEERS
 31 OLD SOLOMONS ISLAND RD., SUITE 201
 ANNAPOLIS, MD 21401
 (410) 266-3212

OWNER/DEVELOPER:
SEVERN BAPTIST CHURCH
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 (410) 266-2288

TAX MAP: 21 BLOCK: 12 PARCEL: 57
 4TH TAX ASSESSMENT DISTRICT
 ANNE ARUNDEL COUNTY, MARYLAND
 SCALE: AS SHOWN DATE: JANUARY, 2005 SHEET: 2 OF 10

ANNAPOLIS, MARYLAND

POND DESIGN CERTIFICATION

I CERTIFY THAT THIS DESIGN PLAN FOR THE CONSTRUCTION OF THE DEMONSTRATION AND/OR EXHAUSTION POND(S) REPRESENTS A LOW HAZARD CLASS POND AS DETERMINED FOR THE PURPOSES OF THE MARLAND DEPARTMENT OF THE ENVIRONMENT...

Signature and License information for the engineer certifying the design.

AS-BUILT CERTIFICATION

I CERTIFY THAT THIS AS-BUILT IS ACCURATE AND COMPLETE AND THAT THE POND AS CONSTRUCTED MEETS THE REQUIREMENTS OF THE SOL CONSERVATION MARLAND STANDARDS AND SPECIFICATIONS FOR PONDS (MS-370) AND CONTAINS AS DISCLOSED WITH THE MARLAND DEPARTMENT OF THE ENVIRONMENT DAILY SAFETY INSPECTOR...

Signature and License information for the as-built certifier.

Additional certification text regarding the accuracy of the as-built plan.

Additional certification text regarding the accuracy of the as-built plan.

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Structure Backfill

Backfill adjacent to pipe or structure shall be of the type and quality conforming to that specified... Structure backfill may be feasible if meeting the requirements of Maryland Department of Transportation...

Pipe Conduits

All pipe shall be installed in one section. Corrugated Metal Pipe - All of the following criteria shall apply for corrugated metal pipe: 1. Material - (Polymer Coated steel pipe) - Steel pipe with polymer coating shall have a minimum wall thickness of 0.011 inch (10 mil) on both sides of the pipe...

2. Coupling Bands - Coupling bands and gaskets shall be made of neoprene or other suitable material... 3. Connections - All connections with metal shall be completely watertight. The drain pipe or storm connection to the rear shall be welded or ground when the pipe and rear metal are metal...

4. Bedding - The pipe shall be firmly and uniformly bedded throughout its entire length... 5. Backfill - The pipe shall be backfilled with suitable earth composed of pre-cast concrete aggregate...

Reinforced Concrete Pipe

1. Material - Reinforced concrete pipe shall have two and eight (8) joints with rubber gaskets and shall equal or exceed ASTM C-391. 2. Bedding - Reinforced concrete pipe conduits shall be laid in a minimum bedding/foundation for their entire length...

3. Laying Pipe - Bed and support pipe shall be placed with the use of suitable equipment... 4. Backfilling - Backfilling shall be done in accordance with the following: a) Bedding shall be compacted to a minimum depth of 12 inches...

5. Plastic Pipe - The following criteria shall apply for plastic pipe: 1. Material - PVC pipe shall be PVC-1120 or PVC-1220 conforming to ASTM D-1785 or ASTM D-2241...

2. Joints and Connections - Joints and connections to cut-away sections shall be completely watertight... 3. Bedding - The pipe shall be firmly and uniformly bedded throughout its entire length...

4. Backfilling - Backfilling shall be done in accordance with the following: a) Bedding shall be compacted to a minimum depth of 12 inches... 5. Other details (cut-away sections, valves, etc.) shall be shown on the drawings.

6. Other details (cut-away sections, valves, etc.) shall be shown on the drawings.

Rock Riprap

Concrete shall meet the requirements of Maryland Department of Transportation, State Highway Administration Standard Specifications for Construction and Materials, Section 414, Mix No. 3. Rock Riprap - Riprap shall meet the requirements of Maryland Department of Transportation, State Highway Administration Standard Specifications for Construction and Materials, Section 311...

Stabilization

Stabilization shall be applied to all areas of the pond embankment, roadway, and in a nearby condition. All exposed surfaces of the embankment, roadway, riprap, and borrow areas, and borrow pits shall be stabilized with a minimum of 2 inches of topsoil...

Frog and Sediment Control

Construction operations will be carried out in such a manner that erosion will be controlled and water and soil will be retained within the pond. Frog and Sediment Control - Frog and Sediment Control structures shall be constructed in accordance with the Maryland Department of Transportation Standard Specifications for Construction and Materials (MS-342) or as shown on the accompanying drawings.

PRIVATE STORMWATER MANAGEMENT PRACTICES MAINTENANCE AND INSPECTION NOTES

- 1. Filtering systems must be inspected regularly. When ponding is evident in the area of the filter bed for more than 72 hours, the top few inches of structural material shall be removed and replaced with fresh material... 2. Sediment removal shall be performed when sediment accumulation is such that it exceeds one inch... 3. Filter with a grass cover shall be mowed a minimum of three times per growing season...

PRIVATE STORMWATER MANAGEMENT PRACTICES MAINTENANCE AND INSPECTION NOTES OPEN CHANNEL SYSTEMS

- 1. All open channel systems and filter strips shall be inspected periodically. During the first few months after construction, inspections should be made more frequently... 2. Vegetation and debris shall be removed or controlled. Any bare spots, formed ditches, or eroded areas must be re-graded or re-vegetated immediately... 3. Sediment buildup within the bottom of the channel or filter strip must be removed when 25% of the original water carrying capacity has been exhausted...

PRIVATE STORMWATER MANAGEMENT PRACTICES MAINTENANCE AND INSPECTION NOTES

- 1. All weather inspections must be conducted after major storm events during the first year after construction... 2. Inspections should be made more frequently during the first few months after construction... 3. Inspections should be made more frequently during the first few months after construction... 4. Inspections should be made more frequently during the first few months after construction...

DETAILED SEQUENCE FOR SEDIMENT BASIN #1 CONSTRUCTION AND CONVERSION TO SWM POND

- 1. EXISTING OVERLAND DRAINAGE AWAY FROM POND CONSTRUCTION AREA. 2. EXCAVATE AND PLACE CUTOFF TRENCH TO LINES AND GRADERS SHOWN ON APPROVED PLANS. CAREFULLY FOLLOW TRENCH INSTALLATION SPECIFICATIONS. 3. CONSTRUCT REMAINDER OF DAM STRUCTURE BY PLACING STRUCTURAL FILL UP TO THE LINES AND GRADERS SHOWN ON THE APPROVED PLANS (CAN BE DONE CONCURRENTLY WITH #2). 4. EXCAVATE FLOOR AND INSTALL OUTLET/CONTROL STRUCTURE AND PLACE RIP RAP BELOW OUTFALL (CAN BE DONE CONCURRENTLY WITH #3). 5. EXCAVATE POND TO PROPER DIMENSIONS AS SHOWN ON APPROVED PLANS. INSTALL RIP RAP BELOW PRELIMINARY. 6. STABILIZE EMBANKMENT AND POND WITH SEED AND MULCH. 7. BLOCK THE 4.5" x 8" DIMENSIONS. INSTALL THE SEDIMENT BASIN DETRAINER DEVICE (SEE DESIGN, C-11-10 ON SHEET 17) 8. USE THE INSPECTOR'S APPROVAL REMOVE OVERLAND DRAINAGE DITCHES FROM THE LINES TO PLACE THE BASIN INTO OPERATION. 9. MAINTAIN THE BASIN AS REQUIRED BY THE INSPECTOR AND THE NOTES CONTAINED HEREIN.

STORMWATER MANAGEMENT POND CONVERSION

- 1. FINISH GRADE ACCESS ROAD AND PLACE CR-6 BARGE. 2. REMOVE THE SEDIMENT CONTROL INFLOW PROTECTION THEN INSTALL RIP RAP AND STONE WALLS IN BOTTOM OF POND. REMOVE POND AS REQUIRED TO MATCH APPROVED PLANS. 3. REMOVE SEDIMENT BASIN DETRAINER DEVICE AND INSTALL THE PERMANENT POND CONVERSION DEVICE (DETAIL ON SHEET 17) 4. USE THE MARLAND DEPARTMENT OF THE ENVIRONMENT APPROVED PLANS FOR ANY ADDITIONAL REQUIREMENTS NOT LISTED ABOVE. 5. PERMANENTLY STABILIZE POND AND EMBANKMENT WITH SEED AND MULCH.

Anne Arundel County Stormwater Management Pond Design and Construction Specifications

All basins shall be designed with gravity outlet structures. Wet ponds will be installed in detention ponds, and multiple pond systems must have a pond drain to facilitate maintenance. All ponds will be built in accordance with MD 378 standards.

Cut-Out Trench - Wet ponds shall be installed in accordance with the foundation however, in no case shall the depth be less than 4 feet below the existing ground. Design of the cut-out trench shall be in accordance with the current MD 378 code.

Outlet Piping and Seepage Control - Outlet pipes shall be reinforced concrete pipe with rubber gasket joints as specified in the current MD-378. Outlet pipes require a 10% concrete cover over the embankment area. Seepage along outlet piping extending through the embankment shall be controlled by use of filter and drainage diaphragms. Seepage control will not be required on pipe 6-inches and less in diameter. Filter and drainage diaphragms shall be designed in accordance with MD32 TR-60 and Soil Mechanics Note No. 1.

Outlet - Filter cloth shall be placed under all riprap. Filter cloth and riprap shall be as specified in the current version of MD-378. Minimum clearance for utilities from the base of the embankment shall be 20 feet.

Process Utilities shall be located away from the embankment. Existing utilities shall be relocated around the stormwater management facility embankment. Minimum clearance for utilities from the base of the embankment shall be 20 feet.

1. The Ponds - All ponds (detention and outlet) including the dam shall be on a slope not steeper than 3:1. 2. Vegetation and debris shall be removed or controlled. Any bare spots, formed ditches, or eroded areas must be re-graded or re-vegetated immediately. 3. Sediment buildup within the bottom of the channel or filter strip must be removed when 25% of the original water carrying capacity has been exhausted.

4. Bedding - The pipe shall be firmly and uniformly bedded throughout its entire length. 5. Backfill - The pipe shall be backfilled with suitable earth composed of pre-cast concrete aggregate...

6. Other details (cut-away sections, valves, etc.) shall be shown on the drawings.

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SEVERN BAPTIST CHURCH GRADING & SEDIMENT CONTROL PLAN

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OWNER/DEVELOPER: SEVERN BAPTIST CHURCH

1330 DONALD AVENUE SEVERN, MARYLAND 21144

1918 FOREST DRIVE, SUITE 2100 ANNAPOLIS, MARYLAND 21401

1415 24th Street SE SEVEN, MD 20686

1415 24th Street SE SEVEN, MD 20686

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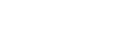
1415 24th Street SE SEVEN, MD 20686

PLANS APPROVED BY Bruce W. Harrington, P.E.

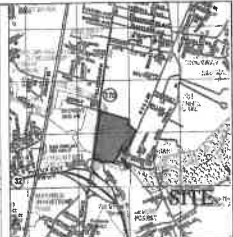
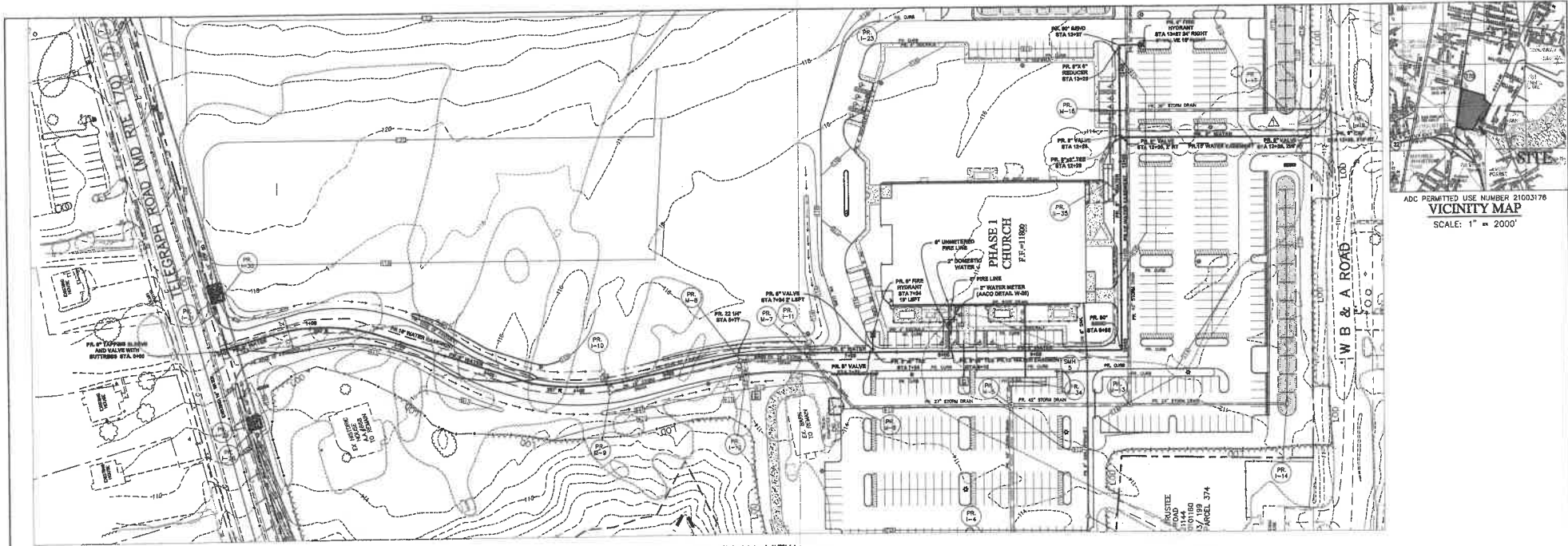
JUN 26 2006

Dam Safety Division Maryland Dept of the Environment

Table with 4 columns: NO., REVISION DESCRIPTION, DATE, BY. Row 1: 1, ACCESS POND DIMENSIONS NOT, 06/26, BW. Row 2: 2, REPAIR SHEET NUMBER & POND RESURGENCE OF CONSTRUCTION, 06/26, BW.

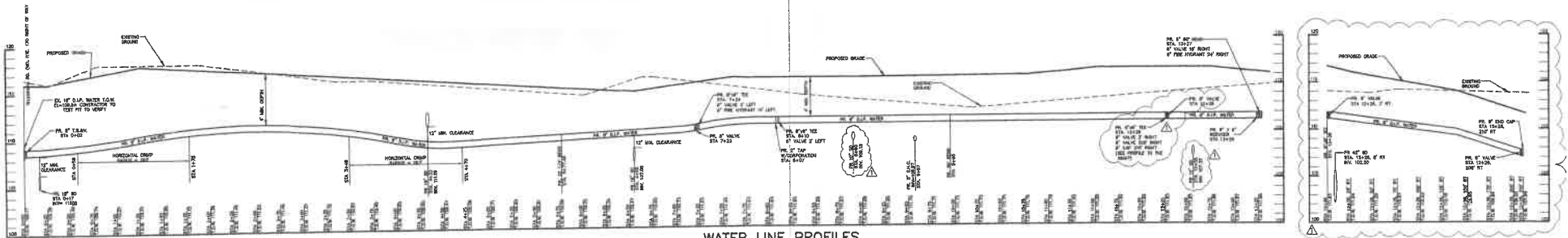


June 2006 FILE C:\A\03104-0000 Screen Layouts\DWG\SEVERN.PLOT - REGION 1 (06-26-05)\15-FWP-WV022-REV1.dwg



ADC PERMITTED USE NUMBER 21002176
VICINITY MAP
 SCALE: 1" = 2000'

WATER LINE PLAN VIEW
 SCALE: 1"=50'



WATER LINE PROFILES
 SCALE: HORIZ: 1"=50' VERT: 1"=5'


PLANS APPROVED BY
 Bruce W. Harrington, P.E.

JUN 26 2006

Dam Safety Division
 Maryland Dept. of the Environment

REVISION	DESCRIPTION	BY	DATE
1	EXTENDED 8" WATER LINE TO PROPERTY LINE ALONG WB&A ROAD. ADDED NEW PROFILE AND ADDITIONAL STORM DRAIN X-BIOS.	DJV	06/05

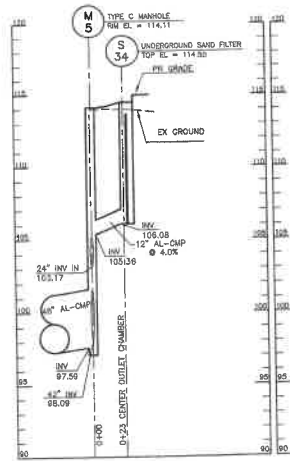
MESSICK & ASSOCIATES*
 CONSULTING ENGINEERS
 31 OLD SOLOMONS ISLAND RD., SUITE 201
 ANNAPOLIS, MARYLAND 21401
 (410) 266-3212



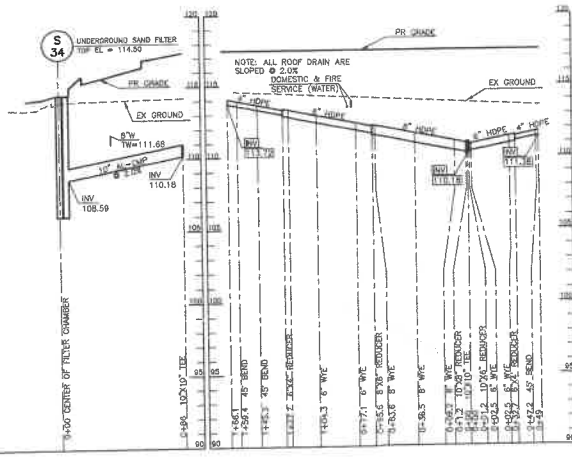

NO.	DATE	BY

SCALE: AS NOTED
 DRAWN BY: COP
 CHECKED BY: TUB
 SHEET 15 OF 18
 PROJECT NO.:
 CONTRACT NO.:

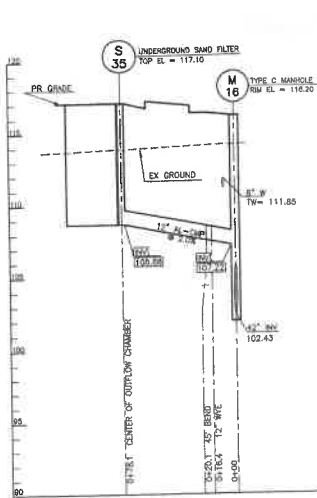
WATER PLAN & PROFILES
 SEVERN BAPTIST CHURCH
 PUBLIC UTILITY
 EXTENSIONS
 8187 TELEGRAPH ROAD
 4th TAX DISTRICT ANNE ARUNDEL COUNTY, MD.



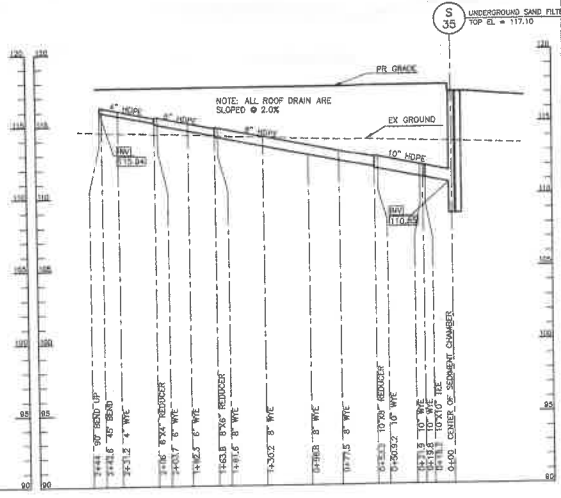
PROFILE S34 TO M5
SCALE: HOR: 1"=40'
VERT: 1"=4'



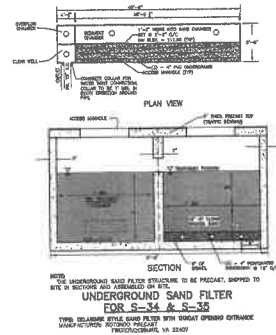
PROFILE ROOF DRAIN TO S34
SCALE: HOR: 1"=40'
VERT: 1"=4'



PROFILE S35 TO M16
SCALE: HOR: 1"=40'
VERT: 1"=4'



PROFILE ROOF DRAIN TO S35
SCALE: HOR: 1"=40'
VERT: 1"=4'



NOTE: ALL ALUMINIZED CORRUGATED METAL PIPE (AL-CMP) TO BE ULTRAFLOW, WITH A MANNING N OF 0.013 OR LESS
HIGH DENSITY POLYETHYLENE PIPE (HDPE) MAY BE SUBSTITUTED FOR THE ALUMINIZED CORRUGATED METAL PIPE PROVIDED THAT THE MANNING'S 'N' IS 0.013 OR LESS

STORM DRAIN PROFILES
SEVERN BAPTIST CHURCH
GRADING & SEDIMENT CONTROL PLAN
TAX MAP: 21 BLOCK: 12 PARCEL: 97
4TH TAX ASSESSMENT DISTRICT
ANNE ARUNDEL COUNTY, MARYLAND
SCALE: AS SHOWN DATE: JANUARY, 2005 SHEET 16 OF 18

MESSICK & ASSOCIATES*
CONSULTING ENGINEERS
31 OLD SOLOMONS ISLAND RD., SUITE 201
ANNAPOLIS, MD 21401
(410) 268-3212

LAND DEVELOPMENT CONSULTANT:
MARK B. WEBER, P.E.
LAND DEVELOPMENT CONSULTANT
1918 FOREST DRIVE, SUITE 2 B
ANNAPOLIS, MD 21401
(410) 268-2288

OWNER/DEVELOPER:
SEVERN BAPTIST CHURCH
1330 DONALD AVENUE
SEVERN, MARYLAND 21144

PLANS APPROVED BY
Bruce W. Harrington, P.E.
JUN 28 2005
Darn Safety Division
Maryland Dept. of the Environment

NO.	REVISION DESCRIPTION	DATE	BY
1	ADDED NOTE TO INCLUDE ROOF DRAIN PROFILES AND STORM SAND PROFILES FROM NEW 90% SLOPE TO EXISTING DRAIN.	06/03	GM



**UTILITY AGREEMENT
COST ESTIMATE**

PROJECT:
LOCATION:

Severn Baptist Church
8187 Telegraph Road
Severn, Maryland 21144

REVISION #1 (JUNE 28, 2005)

PUBLIC WATER EXTENSION				
ITEM	QUANTITY	UNIT	UNIT COST	EXTENDED COST
Saw Cut Pavement	30	LF	\$4.00	\$ 120.00
Remove Existing Pavement	12	SY	\$6.00	\$ 72.00
Pavement Repair	12	SY	\$85.00	\$ 1,020.00
8" Tapping Sleeve and Valve	1	EA	\$2,400.00	\$ 2,400.00
8" Ductile Iron Pipe*	1535	LF	\$31.00	\$ 47,585.00
6" Ductile Iron Pipe	44	LF	\$28.00	\$ 1,232.00
Fire Hydrant	2	EA	\$660.00	\$ 1,320.00
6" Valve and Box	3	EA	\$700.00	\$ 2,100.00
8" Valve and Box*	4	EA	\$800.00	\$ 3,200.00
Meter Vault 2" Service	1	EA	\$2,200.00	\$ 2,200.00
Sub-Total				\$ 61,249.00
PUBLIC SANITARY SEWER EXTENSION				
ITEM	QUANTITY	UNIT	UNIT COST	EXTENDED COST
Saw Cut Pavement	40	LF	\$4.00	\$ 160.00
Remove Existing Pavement	44	SY	\$6.00	\$ 264.00
Pavement Repair	44	SY	\$85.00	\$ 3,740.00
Manhole over Ex. Pipe	1	EA	\$2,500.00	\$ 2,500.00
Shallow Manhole	1	EA	\$1,300.00	\$ 1,300.00
8" Ductile Iron Pipe	15	LF	\$31.00	\$ 465.00
Sub-Total				\$ 8,429.00
Total				\$ 69,678.00
Construction Mobilization		10% (\$1,000 max)		\$ 1,000.00
Construction Surveys		5%		\$ 3,483.90
Contingency		10%		\$ 6,967.80
Total				\$ 81,129.70

*Revision #1 Additions:

1. Added 210 lf of 8" ductile iron pipe.
2. Added 3 - 8" Valves with boxes



Job # 04-0090



Our purpose: To worship the Lord, win the lost, and to build an authentic fellowship of ministering disciples - Matthew 28:17-20

November 17, 2004

Steve Foster, Director
MSHA Access Permits
707 North Calvert Street, MS C-302
Baltimore, MD 21202

Re: Severn Baptist Church
MD 170 widening
GO2010843
8187 Telegraph Road, Severn, AA Co.

Dear Mr. Foster:

Severn Baptist Church recently purchased a 40-acre site on the East side of MD Rte 170 North of Old Mill Road in Anne Arundel County, MD. We have prepared building and site plans for a permanent church site to replace the temporary rented facility located one mile North on the East side of MD 170 at Donald Avenue.

The main access to the site is from MD 170. Access will also be provided from WB & A Road on the East side of the site.

Our concern is the widening of MD 170 to provide acceleration and deceleration lanes. We originally proposed to widen MD 170 without moving the existing power poles. This can be accomplished by providing acceleration and deceleration lanes that are 24' from centerline. This would match the widening just North of our site at the Grandview Park subdivision. Their acceleration and deceleration lanes are 24' from centerline. The road South of our entrance cannot be widened because of the existing culvert and headwall. Comments from your office indicated that lanes 27' from centerline would be required. The extra lane width would require relocation of at least six power poles at great expense to the church. The extra widening of our lanes also provides no benefit to the public as it is only for a short distance, our proposal will result in a consistent road width from the culvert through the Grand View Subdivision.

We request approval of acceleration and deceleration lanes 24' from centerline because:

1. At least six existing poles would not have to be moved.

Steve Foster

2

November 17, 2004

2. The widening 500' to the North of our property on the same side of MD 170 for the recently developed Grand View Park subdivision provides acceleration and deceleration lanes that are 24' from centerline. The power poles were not required to be relocated for this widening.
3. To the South of the proposed church widening, the lane width is restricted to 9' by the existing culvert and headwall. Widening of MD 170 is not planned at the stream, and widening is not likely because the stream is a Class IV trout stream at the headwaters of the Severn River.
4. A lane width 24' from centerline for the Severn Baptist Church project would establish a consistent road width on the East side of MD 170 from the existing culvert North of Old Mill Road through the existing widening for the Grandview subdivision, a distance of 2000'.
5. The proposed widening will result in a curb along the outside edge of the existing concrete side ditch, thereby substantially increasing the available paved travel lane.

The following information is enclosed to assist in your review of this request:

1. Location map
2. Plan showing widening at Grandview Park
3. Photos of existing shoulder and poles showing culvert, church site, and Grandview Park
4. Existing topography showing culvert, church site, and Grandview Park
5. Proposed widening at church site

Sincerely,



Doyle Kitchin
Building Committee Chairman

cc Ken Schmid