

LAYOUT _____ INSP 4 _____
 INSP 2 _____ INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 5/18/05 **PERMIT** P 522484
 APPROVAL DATE: _____ A 514178

**ON-SITE SEWAGE DISPOSAL SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT
 BUREAU OF ENVIRONMENTAL HEALTH**

Fyock Septic Service, Inc. IS PERMITTED TO INSTALL ALTER
 Field Superintendent:
 ADDRESS: P. O. Box 89, Glenelg 21737 PHONE NUMBER: 410-988-9270

Property Name: Dar Al-Taqwa Community Center
 ADDRESS: 10740 Clarksville Pike PROPERTY OWNER: Dar Al-Taqwa
 TAX ID# 02-218216

Install per approved SDP02-004 dated 7/8/2002 prepared by Mildenberg, Boender & Assoc.
 SDP # sig. date engineer

Maximum Sewage Design Flow 400 gallons per day Average Percolation time _____ min/inch
 Design Loading Rate _____ gallons per square foot per day
 Min. Septic Tank Capacity 2000 ~~1000~~ gallon top seamed tank with filters or other equipment
 Min. Pump Tank Capacity TBD gallon top-seamed compartmented tank with dual alternating pumps
 Min Trench Required 185 feet installed in 2 trenches of 93 feet each.

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box near the upper right corner of the septic easement and install 2-93 foot trenches on contour towards the opposite side of the septic easement.
NOTES:	Public water. Well to be abandoned & sealed after connection is complete.
PLANS APPROVED:	<u>Brian Baker/RJP</u> DATE: <u>6/13/05</u>

NOTES: PERMIT VOID AFTER 2 YEARS
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
 WATERTIGHT SEPTIC TANKS REQUIRED
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS
 OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
 CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

LAYOUT 6/6/05 INSP 4 _____
 INSP 2 6/29/05 INSP 5 _____
 INSP 3 6/30/05 INSP 6 _____

ISSUE DATE: 5/18/05 P 522484
 APPROVAL DATE: 6/30/2005 A 514178

PERMIT

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

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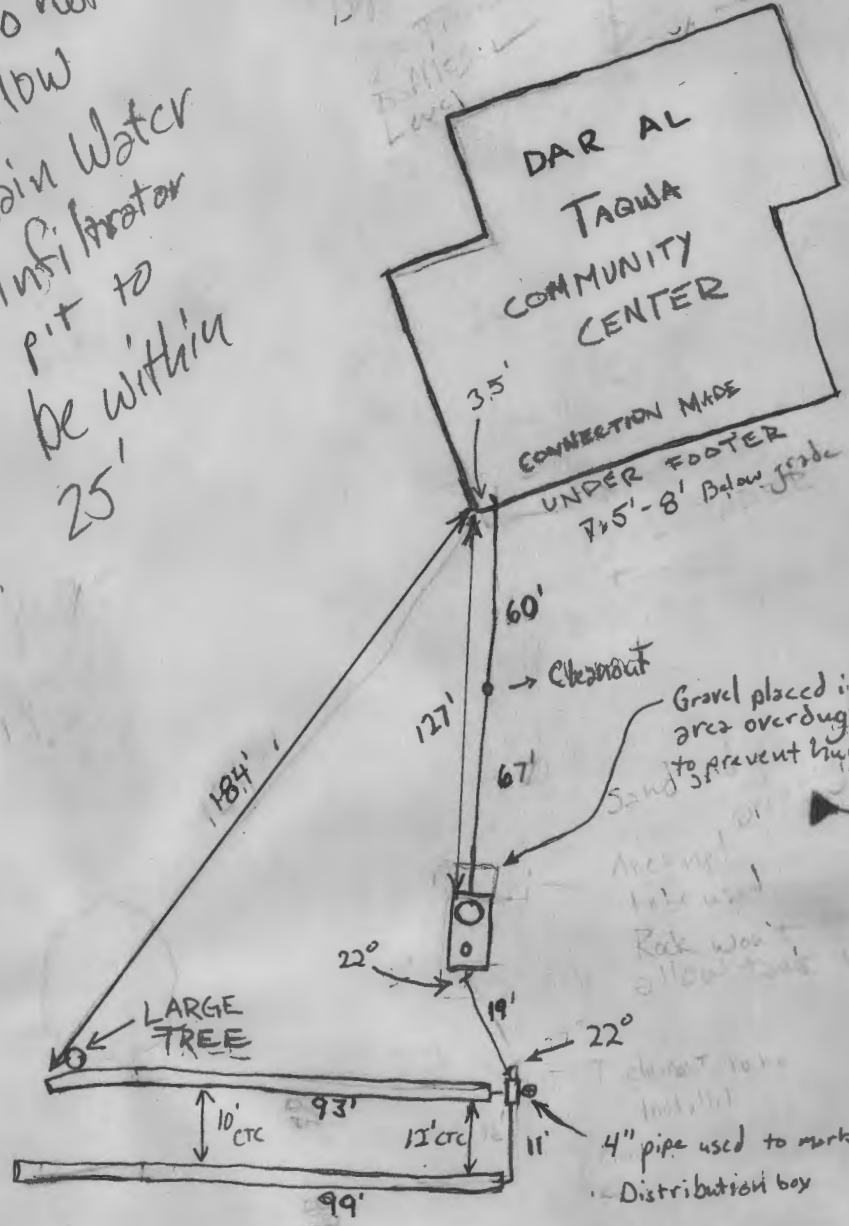
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Box to be marked

Do not allow Rain Water Infiltrator P.I.T to be within 25'

2000 gallon tank
1500 lb muparment
57.5
Depth 1.5' 3"
Batter Level
High 20
Waters
of Park

MD SR 108



Account
hole used
Rock was
allow this

Check-out hole
infiltrator
Distribution box

NOT TO SCALE

SEE GREEN PERMIT

ROAD

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	6.5'
NUMBER OF TRENCHES		2
TOTAL LENGTH		190'
ABSORPTION AREA		570
DISTRIBUTION BOX LEVEL		Speed Levelers
DISTRIBUTION BOX BAFFLE		Block ✓
DISTRIBUTION BOX PORT		No

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL ✓

2 comp. CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 2½-3½

BAFFLES ✓

BAFFLE FILTER N/A

MANHOLE LOC Front

6" PORT LOC Rear

WATERTIGHT TEST N/A

~~SEPTIC TANK 2 LEVEL~~

~~CAPACITY _____ GAL~~

~~SEAM LOC _____~~

~~TANK LID DEPTH _____~~

~~BAFFLES _____~~

~~BAFFLE FILTER _____~~

~~MANHOLE LOC _____~~

~~6" PORT LOC _____~~

~~WATERTIGHT TEST _____~~

PRE-CONSTRUCTION _____

INSTALLATION _____

FINAL INSPECTOR _____ DATE OF APPROVAL _____

Inspection Date/Inspection Notes/Inspector's Initials & Others Present:

6/6/05 Met with Robert on site. Area staked. Contour is close. I install 2-93' trenches at top of easement. Use a transit. Pumped system may be required because building connection is now coming out somewhere under footer. Public sewer is not directly available. (BB)

6/29/05 Final called in for today. Robert says he shot contour. Trenches running on contour across easement in nearly straight line. ~ last 20' of trenches are slightly uphill. Pump system will not be necessary. No septic tank yet. Inspected trenches and D-Box and ok'd cover. Good chance of rain tonight. DBox will be left open to connect to septic tank. Check levelers and septic tank. (GAC)

6/30/05 Minimum fall from connection to tank 2-4%. Checked baffles → ok D-box is set with levelers no port. Robert said he was going to mark it with a 2x4 or 4" piece of pipe. Tank sits level. Watched Robert put crushed blacktop around hung connection into septic tank. Robert is also to fill the remainder of this area with gravel to avoid possible breakage of inlet pipe. OK to cover. (GAC) Robert said builder wanted him to let him run the rain gutters from the building into septic. Before final approval check that rainwater infiltrators meet setbacks of 25' away from septic components. (GAC) 7/5/05 In addition no UNO to be issued before existing well is sealed/abandoned. (GAC)

11/26/91

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 47710
A REPAIR

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DISTRICT _____

DATE 1/3/92

DATE SYSTEM APPROVED 11/25/91

INSPECTOR C. Williams

Jack Fyock

IS PERMITTED TO INSTALL _____ ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION _____ LOT _____ ROAD 10740 Route 108

PROPERTY OWNER Horney

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

_____ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED _____

REPAIR - PURPOSE - Septic System has failed.

Call for inspection when ground is opened so sanitarian can recommend repair.

PLANS APPROVED BY C. Williams DATE 11/25/91

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

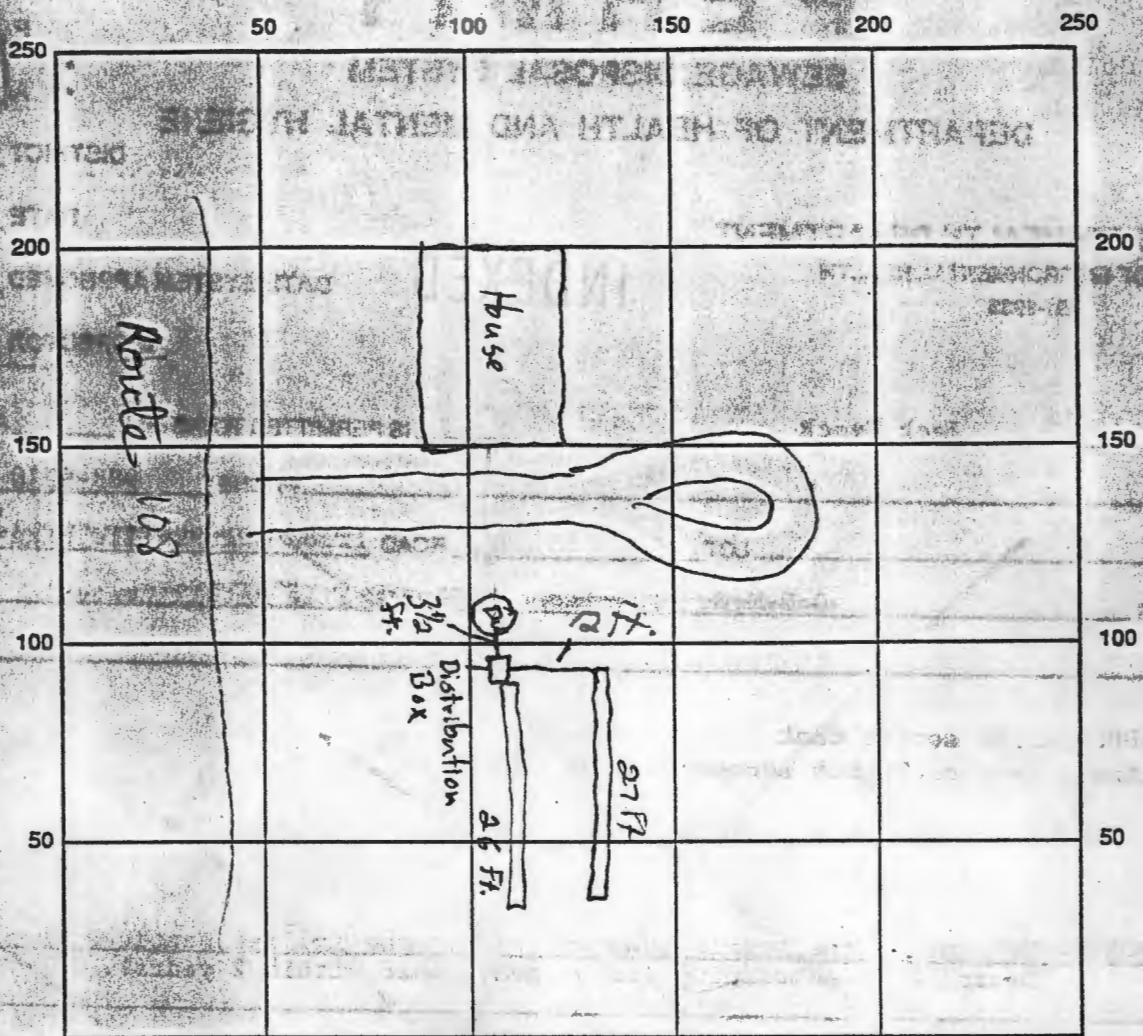
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

P-47710



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH 10 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 7 1/2 FT. TOTAL LENGTH 53 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

Trench ABSORBENT AREA 397 SQ. FT.

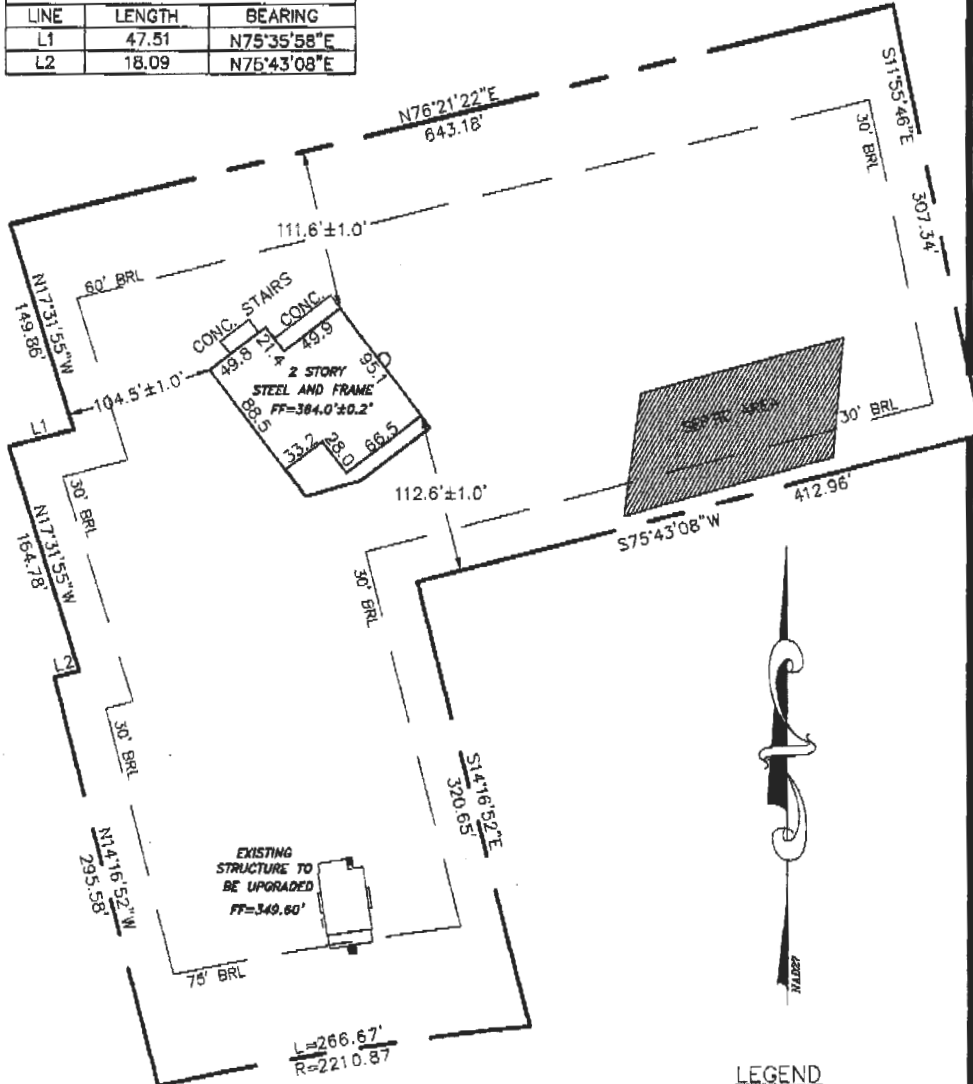
REMARKS: Septic repair for Horney
10740 Route -108

Kennedy Ridgely (Frock)
11-25-91

11/25/91 NO INSP - APPROVED PER CONTRACTORS NOTES, CW

DATE SYSTEM APPROVED 11/25/91 INSPECTOR Cwellha

LINE TABLE		
LINE	LENGTH	BEARING
L1	47.51	N75°35'58"E
L2	18.09	N75°43'08"E



- LEGEND**
- O/H = OVERHANG
 - A/C = AIR COND./HEAT PUMP
 - G/M = GAS METER
 - E/M = ELECTRIC METER
 - CH = CHIMNEY
 - B/W = BAY WINDOW
 - D/W = DRIVEWAY
 - CONC = CONCRETE

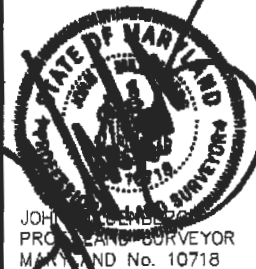
FIRST FLOOR EL. 384.0±0.2' (NAVD29)
 ADDRESS No.: 10740 Route 108

**DAR AL-TAQWA
 PARCEL 12**

LIBER 3510, FOLIO 380
 ELECTION DISTRICT No. 2
 HOWARD COUNTY, MARYLAND

THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD INFORMATION. THIS DRAWING IS TO BE USED FOR TITLE TRANSFER FINANCING, OR REFINANCING ONLY AND IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.

**MILDENBERG
 BOENDER, & ASSOC., INC.**
 Engineers Planners Surveyors
 5072 Dorsey Hill Drive, Suite 202, Ellicott City, Maryland 21042
 (410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0299 Fax.



FOUNDATION	DATE: 06/17/05	FINAL	DATE:
DRAWN BY: T. HILL	SCALE: 1" = 100'		
PROJECT NO.: 96-098	LOCATION DRAWING		

JOHN C. MILDEBERG
 PROFESSIONAL LAND SURVEYOR
 MARYLAND No. 10718

Howard County Health Department

Bureau of Environmental Health, Ellicott City, Maryland 410-313-2640

SEWAGE DISPOSAL PERMIT NO. A-514178 P-522484

PERMITTEE FUOCK SEPTIC SERVICE, INC

LOCATION 10740 CLARISVILLE PIKE
DAR AL-TAQWA

Do Not Cover Work Until Health Department Approval Appears On This Card

POST THIS CARD WHERE IT CAN BE SEEN FROM ROAD

STOP ALL CONSTRUCTION ON SEWAGE DISPOSAL SYSTEM AND CONTACT HEALTH DEPARTMENT BEFORE CONTINUING

WORK IS SATISFACTORY, CONTINUE

Inspector

Date

Inspector

Date

FINAL INSPECTION MADE, COVER ALL WORK

Inspector

Date

PAYNE EMILY T T/E
PAYNE MICHAELS
TAX MAP 29
PARCEL 301
BLOCK 11
L 4788/F583
RC-DEC

LIMIT OF PHASE I PLANTINGS
PER SDP-97-138

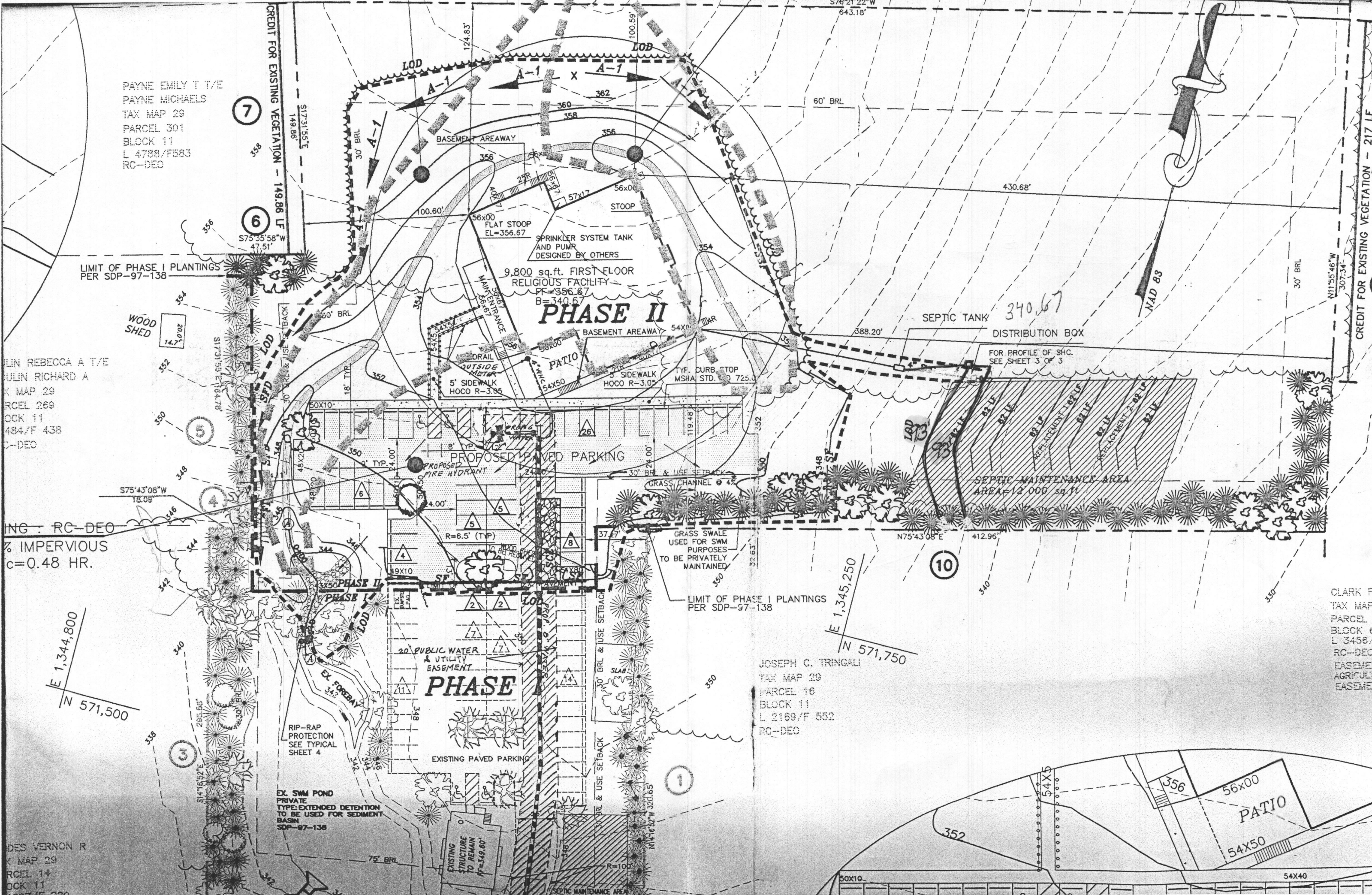
MULIN REBECCA A T/E
MULIN RICHARD A
TAX MAP 29
PARCEL 269
BLOCK 11
L 484/F 438
RC-DEC

IMPERVIOUS
c=0.48 HR.

E 1,344,800
N 571,500

DES VERNON R
TAX MAP 29
PARCEL 14
BLOCK 11
L 1097/F 220

CLARK FA
TAX MAP
PARCEL 3
BLOCK 6
L 3458/F
RC-DEC
EASEMENT
AGRICULTU
EASEMENT



7

6

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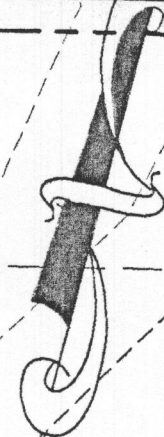
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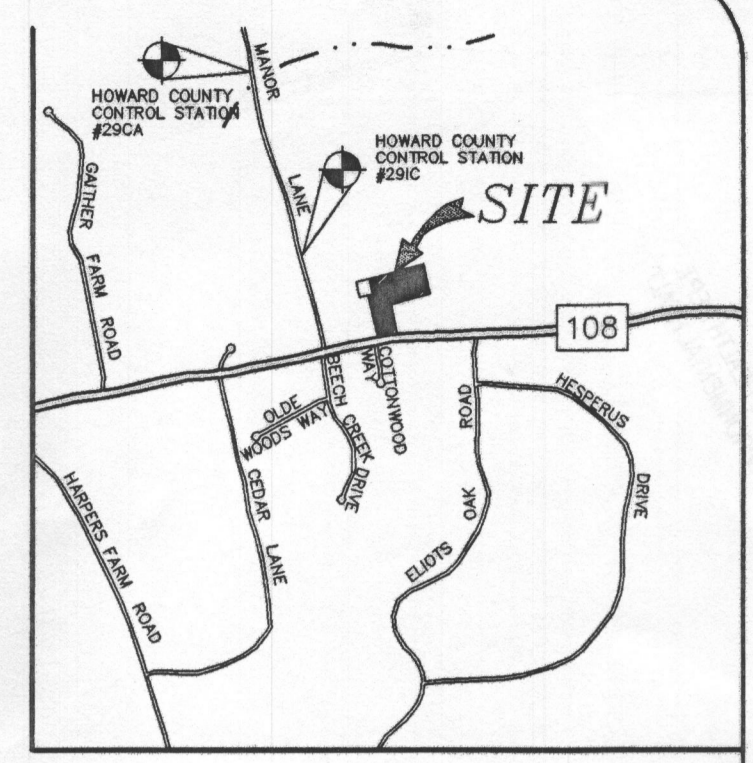
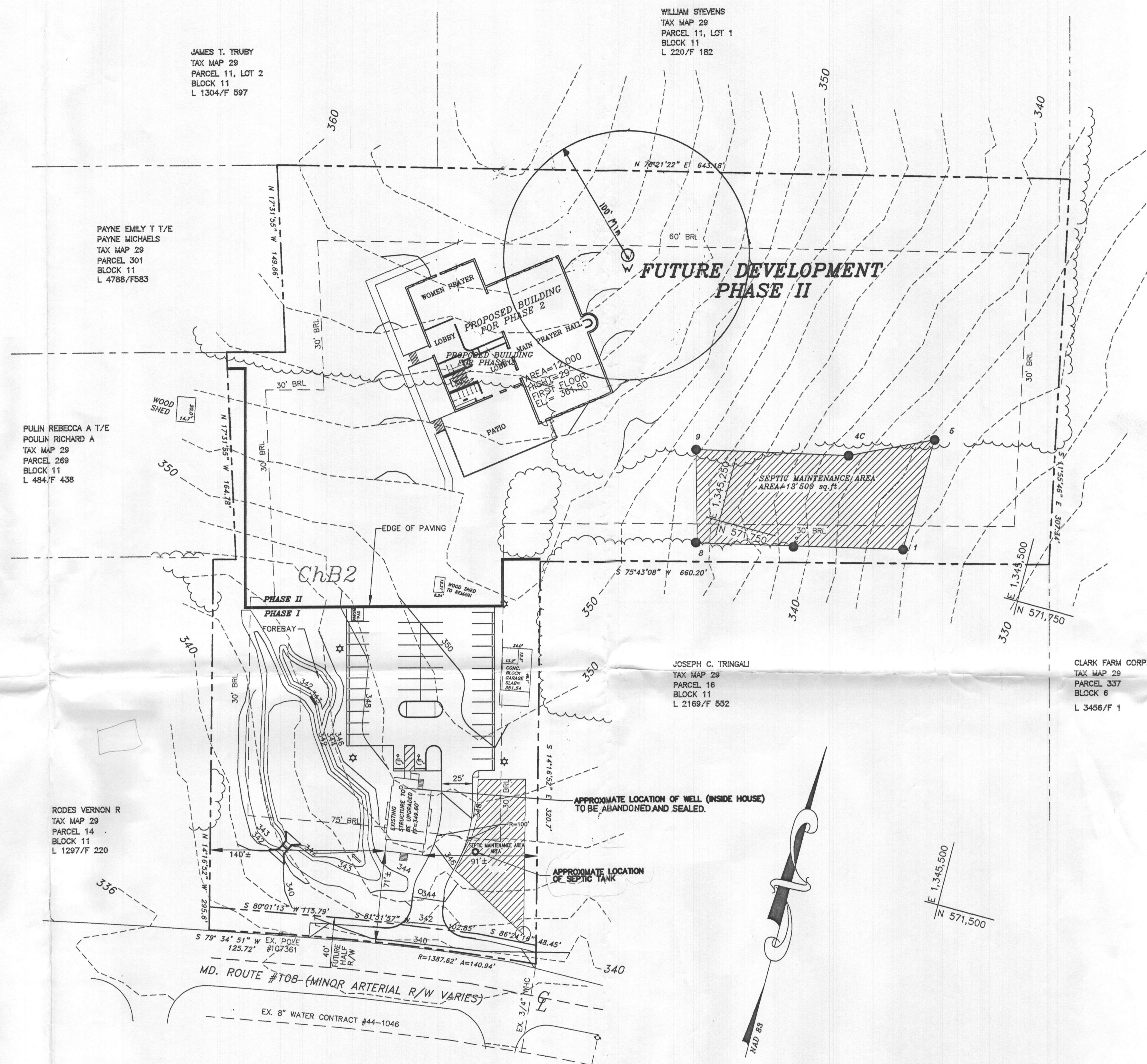
1

JOSEPH C. TRINGALI
TAX MAP 29
PARCEL 16
BLOCK 11
L 2160/F 552
RC-DEC



LEGEND

- ⊙ DENOTES A PROPOSED WELL SITE
- DENOTES A PROPOSED PERK HOLE OR BORING
- ▨ THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENTS REQUIRED BY MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.



VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES:

1. TAX MAP: 29 - PARCEL: 12 - BLOCK: 11
2. EX. ZONING: RC-000
3. GROSS AREA OF SITE: 6.52± Ac
4. DEED REFERENCE: 3510/380
5. BOUNDARY AND TOPOGRAPHY SURVEY PERFORMED BY NTT ASSOCIATES, INC. ON OR ABOUT AUGUST 1995.
6. SOILS AREA BASED ON HOWARD COUNTY SOILS MAP # 19
7. PRIVATE WELL AND SEPTIC AREA TO BE UTILIZED.
8. PROPOSED USE: RELIGIOUS FACILITY.
9. HOWARD COUNTY CONTROL STATIONS No. 29CA AND 29IC
 STA. No. 29CA N 574,526.1048
 E 1,343,533.7490
 STA. No. 29IC N 572,323.5403
 E 1,344,112.2704
10. NO WETLANDS, FLOODPLAINS, OR BURIAL SITES EXIST ON THE SITE.
11. THE EXISTING WELL WILL BE ABANDONED IMMEDIATELY AFTER PLACING THE NEW WELL. PROOF OF ABANDENMENT BY A LICENSED WELL DRILLER SHOULD BE SUBMITTED TO THE HEALTH DEPARTMENT AT THE TIME.

SOIL CLASSIFICATION

CHB2: CHESTER SILT LOAM 3 TO 8% SLOPES, MODERATELY ERODED(TYPE B) (SEWAGE DISPOSAL FIELDS : SLIGHT)
(THE WHOLE SITE CONSISTS OF ONE SOIL TYPE).



APPROVED:
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT

Dina M. Hester 11/17/10
HOWARD COUNTY HEALTH OFFICER DATE

OWNER/DEVELOPER
DAR AL TAQWA, INC.
10740 ROUTE 108
ELlicOTT CITY, MD 21042

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorseys Hill Drive, Suite 202, Ellicott City, Maryland, 21042
(410) 397-0236 Fax: (301) 621-5521 Wash. (410) 397-0238 Fax.

TAX MAP 29 PARCEL 12
DAR AL TAQWA
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
PERCOLATION CERTIFICATION PLAN

Project	96098	date	OCT. 2000
Illustration	SA	engineering	SA
Scale	1"=60'	approval	RJH
Revisions		no.	
		description	
		revisions	

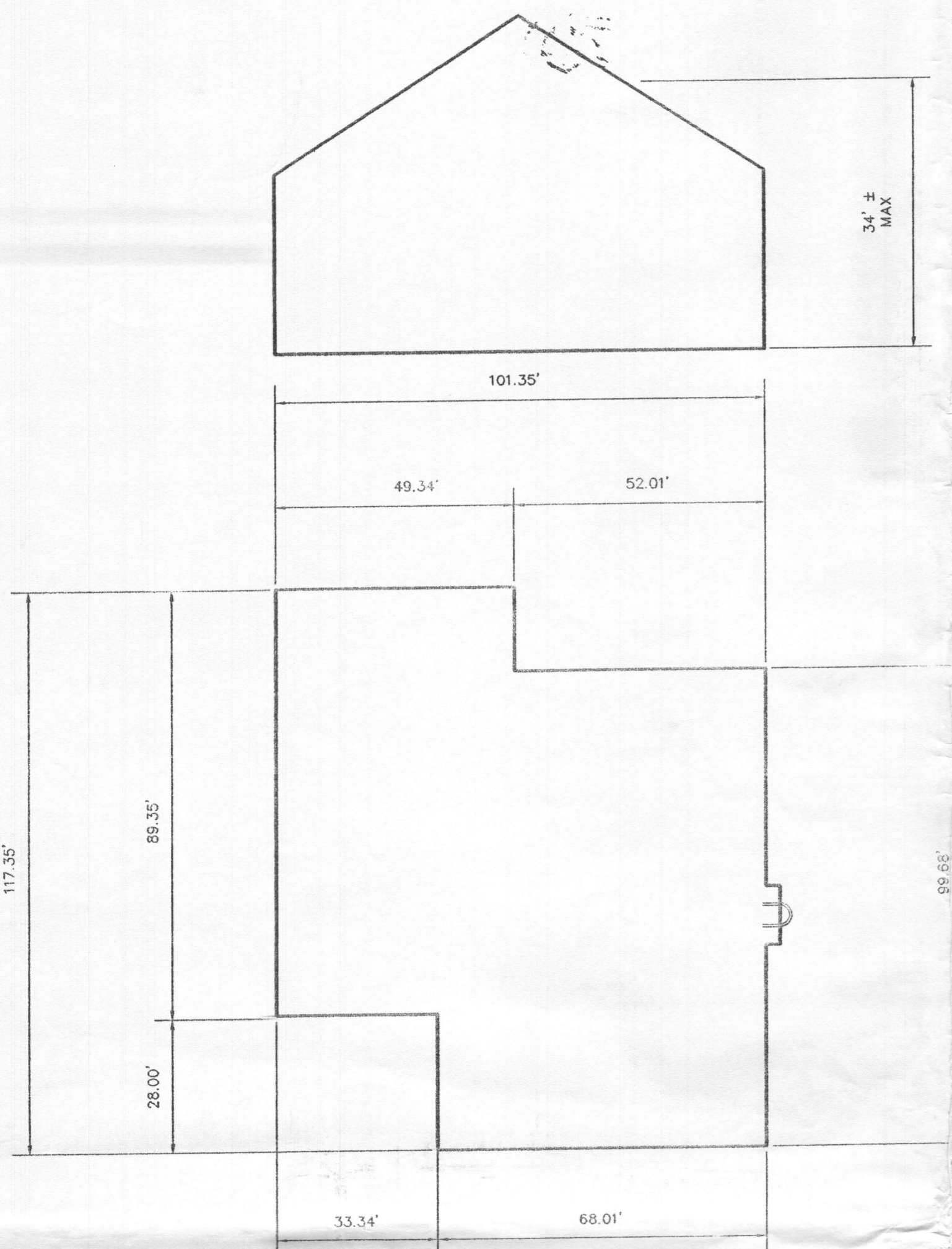
SITE DEVELOPMENT PLANS

DAR AL-TAQWA

PHASE II

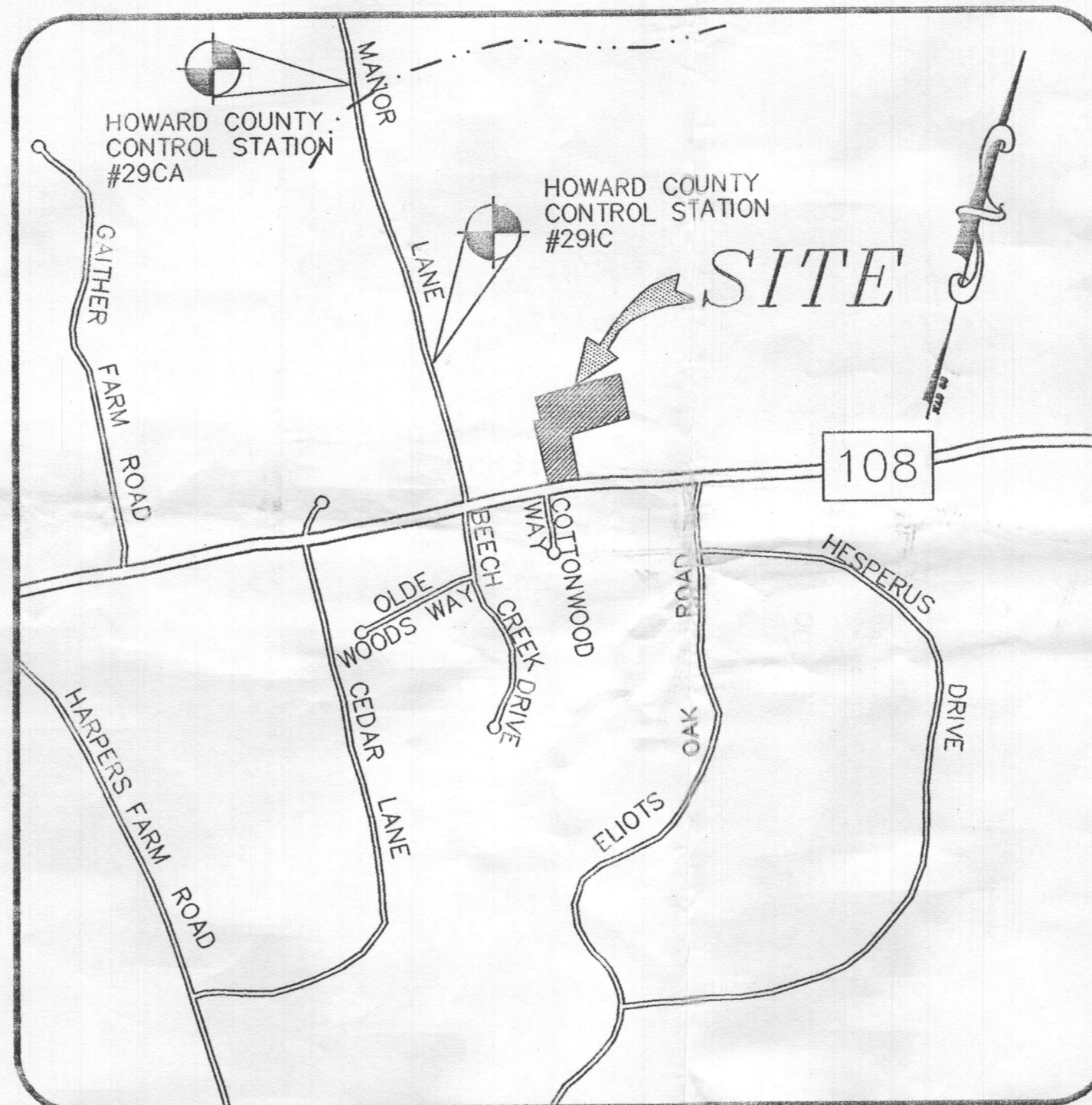
SECOND ELECTION DISTRICT

HOWARD COUNTY, MARYLAND



BUILDING FOOTPRINT

PROPOSED 2 STORY RELIGIOUS FACILITY AND RELIGIOUS CLASSROOMS
SCALE: 1"=25'



VICINITY MAP

SCALE: 1" = 1000'

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
2. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/CONSTRUCTION INSPECTIONS DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
3. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES ON SITE PRIOR TO COMMENCING CONSTRUCTION.
4. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS PRIOR TO ANY EXCAVATION WORK:

MISCELLANEOUS	1-800-257-7777
VERIZON COMPANY	(410) 725-9976
HOWARD COUNTY BUREAU OF UTILITIES	(410) 313-4900
AT&T CABLE LOCATION DIVISION	(410) 393-3533
BALTIMORE GAS & ELECTRIC	(410) 685-0123
STATE HIGHWAY ADMINISTRATION	(410) 531-5533
HOWARD COUNTY DEPT. OF PUBLIC WORKS/CONSTRUCTION INSPECTIONS DIVISION	(410) 313-1880
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HOWARD COUNTY DEPT. OF PUBLIC WORKS/CONSTRUCTION INSPECTIONS DIVISION	(410) 313-1880
21. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES ON SITE PRIOR TO COMMENCING CONSTRUCTION.
22. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS PRIOR TO ANY EXCAVATION WORK:

MISCELLANEOUS	1-800-257-7777
VERIZON COMPANY	(410) 725-9976
HOWARD COUNTY BUREAU OF UTILITIES	(410) 313-4900
AT&T CABLE LOCATION DIVISION	(410) 393-3533
BALTIMORE GAS & ELECTRIC	(410) 685-0123
STATE HIGHWAY ADMINISTRATION	(410) 531-5533
HOWARD COUNTY DEPT. OF PUBLIC WORKS/CONSTRUCTION INSPECTIONS DIVISION	(410) 313-1880
23. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES ON SITE PRIOR TO COMMENCING CONSTRUCTION.
24. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS PRIOR TO ANY EXCAVATION WORK:

MISCELLANEOUS	1-800-257-7777
VERIZON COMPANY	(410) 725-9976
HOWARD COUNTY BUREAU OF UTILITIES	(410) 313-4900
AT&T CABLE LOCATION DIVISION	(410) 393-3533
BALTIMORE GAS & ELECTRIC	(410) 685-0123
STATE HIGHWAY ADMINISTRATION	(410) 531-5533
HOWARD COUNTY DEPT. OF PUBLIC WORKS/CONSTRUCTION INSPECTIONS DIVISION	(410) 313-1880
25. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES ON SITE PRIOR TO COMMENCING CONSTRUCTION.
26. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS PRIOR TO ANY EXCAVATION WORK:

MISCELLANEOUS	1-800-257-7777
VERIZON COMPANY	(410) 725-9976
HOWARD COUNTY BUREAU OF UTILITIES	(410) 313-4900
AT&T CABLE LOCATION DIVISION	(410) 393-3533
BALTIMORE GAS & ELECTRIC	(410) 685-0123
STATE HIGHWAY ADMINISTRATION	(410) 531-5533
HOWARD COUNTY DEPT. OF PUBLIC WORKS/CONSTRUCTION INSPECTIONS DIVISION	(410) 313-1880
27. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES ON SITE PRIOR TO COMMENCING CONSTRUCTION.
28. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS PRIOR TO ANY EXCAVATION WORK:

MISCELLANEOUS	1-800-257-7777
VERIZON COMPANY	(410) 725-9976
HOWARD COUNTY BUREAU OF UTILITIES	(410) 313-4900
AT&T CABLE LOCATION DIVISION	(410) 393-3533
BALTIMORE GAS & ELECTRIC	(410) 685-0123
STATE HIGHWAY ADMINISTRATION	(410) 531-5533
HOWARD COUNTY DEPT. OF PUBLIC WORKS/CONSTRUCTION INSPECTIONS DIVISION	(410) 313-1880
29. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES ON SITE PRIOR TO COMMENCING CONSTRUCTION.
30. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS PRIOR TO ANY EXCAVATION WORK:

MISCELLANEOUS	1-800-257-7777
VERIZON COMPANY	(410) 725-9976
HOWARD COUNTY BUREAU OF UTILITIES	(410) 313-4900
AT&T CABLE LOCATION DIVISION	(410) 393-3533
BALTIMORE GAS & ELECTRIC	(410) 685-0123
STATE HIGHWAY ADMINISTRATION	(410) 531-5533
HOWARD COUNTY DEPT. OF PUBLIC WORKS/CONSTRUCTION INSPECTIONS DIVISION	(410) 313-1880
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VERIZON COMPANY	(410) 725-9976
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MISCELLANEOUS	1-800-257-7777
VERIZON COMPANY	(410) 725-9976
HOWARD COUNTY BUREAU OF UTILITIES	(410) 313-4900
AT&T CABLE LOCATION DIVISION	(410) 393-3533
BALTIMORE GAS & ELECTRIC	(410) 685-0123
STATE HIGHWAY ADMINISTRATION	(410) 531-5533
HOWARD COUNTY DEPT. OF PUBLIC WORKS/CONSTRUCTION INSPECTIONS DIVISION	(410) 313-1880

SITE ANALYSIS DATA CHART

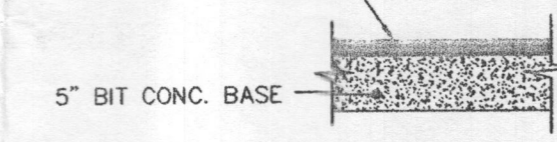
PURPOSE (PHASE II)		CONSTRUCTION OF A NEW TWO STORY COMMUNITY RELIGIOUS CENTER WITH RELIGIOUS CLASSROOMS AND PARKING IN ACCORDANCE WITH BA CASE No. 94-37E	
TOTAL AREA OF PROJECT / SUBMISSION		6.79 Acre (PHASE I AND PHASE II/PARCEL 12)	
LIMIT OF DISTURBED AREA		1.52 Acre / PHASE I 1.95 Acre / PHASE II	
TOTAL DISTURBED AREA		3.47 Acre	
EXISTING ZONING		RC-DEO	
PROPOSED USE		RELIGIOUS COMMUNITY CENTER	
	PHASE I*	PHASE II**	TOTAL
FLOOR AREA PER FIRST FLOOR	1,400 SF	9,800	9,200 SF**
BUILDING COVERAGE	0.5%	3.31%	3.81%
PARKING SPACES REQUIRED * PER AREA OF ASSEMBLY (10 SPACES / 1000 SF FLOOR SPACE)	10	99	99 ACCORDING TO DECISION AND ORDER CASE # BA-94-37E
PARKING SPACES PROVIDED	41	58	99
HANDICAPPED SPACES REQUIRED	2	2	4
HANDICAPPED SPACES PROVIDED	2	2	4

* PHASE I EXISTING RELIGIOUS ASSEMBLY USE TO BE ABANDONED UPON CONSTRUCTION OF PHASE II.
** SEE NOTE NO. 28.

SHEET INDEX

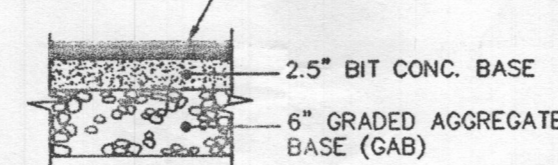
1	COVER SHEET
2	SITE DEVELOPMENT & LANDSCAPING PLAN
3	MISC. DETAILS, PROFILES AND SECTIONS
4	SEDIMENT CONTROL NOTES AND DETAILS

1.5" BIT. CONC. SURFACE



ALTERNATE - A

1.5" BIT. CONC. SURFACE



ALTERNATE - B

P-2 PAVING
STANDARD DETAIL R 2.01
NOT TO SCALE

PERMIT INFORMATION BLOCK

PROJECT NAME DAR AL TAQWA		SECT./AREA PHASE II	PARCEL 12
LIBER/FOUO 9113	BLOCK # 11	ZONE RC-DEO	TAX/ZON MAP 29
ELECT. DIST 2ND		SEWER CODE N/A	
WATER CODE N/A		SEWER CODE N/A	

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
PARCEL 12	10740 ROUTE 108, ELLICOTT CITY, MD 21042

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

Sayed Hassan 5/10/02
SIGNATURE OF DEVELOPER DATE

Sayed Hassan
PRINTED NAME OF DEVELOPER

ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS THE BEST PRACTICES AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATURAL RESOURCE CONSERVATION SERVICE.

John Mildenberg 5/10/02
SIGNATURE OF ENGINEER DATE

John Mildenberg
PRINTED NAME OF ENGINEER

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Jim M. Guss 5/10/02
USDA - NATURAL RESOURCE CONSERVATION SERVICE DATE

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

John Mildenberg 5/10/02
HOWARD COUNTY SOIL CONSERVATION DISTRICT DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING

John Mildenberg 5/20/02
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

John Mildenberg 7/16/02
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

John Mildenberg 7/16/02
DIRECTOR DATE

APPROVED: FOR PRIVATE WATER AND SEWER.
HOWARD COUNTY HEALTH DEPARTMENT.

John Mildenberg 7/18/02
HOWARD COUNTY HEALTH OFFICER DATE

OWNER/DEVELOPER
DAR AL TAQWA, INC.
10740 ROUTE 108
ELLICOTT CITY, MD 21042
(410) 997-5711

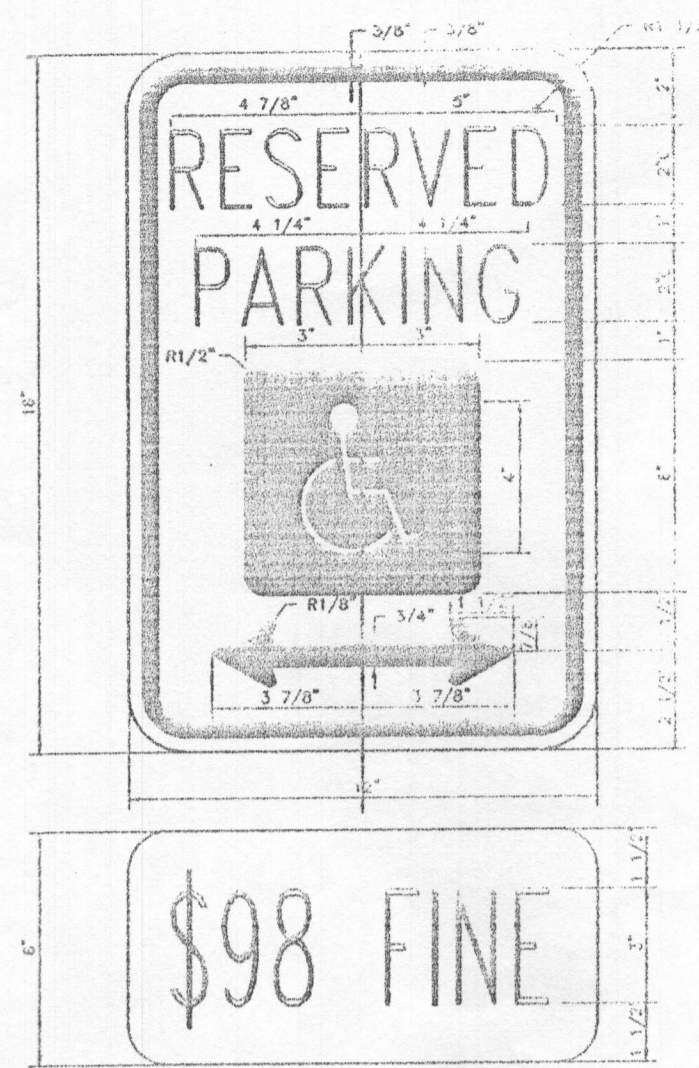
SDP02-04

project	96098	date	SEP. 2001
illustration	SAA	engineering	SAA
scale	1"=50'	approval	RJP

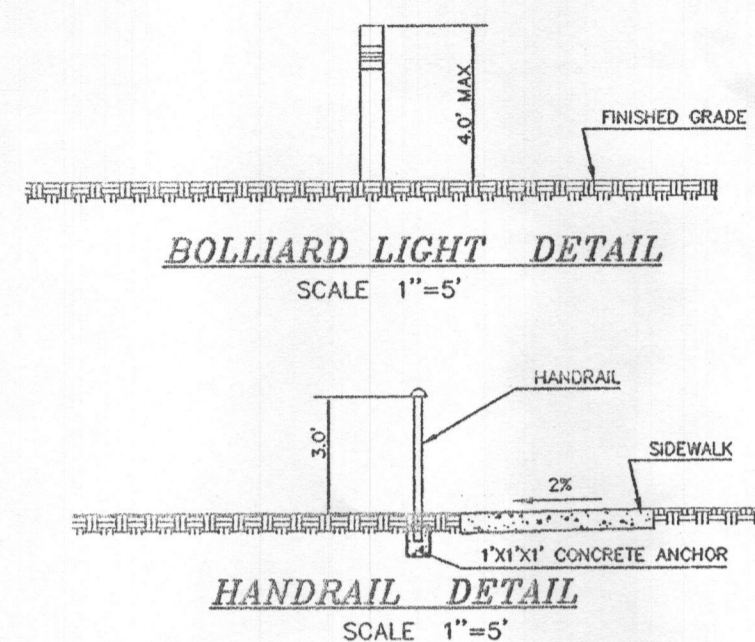
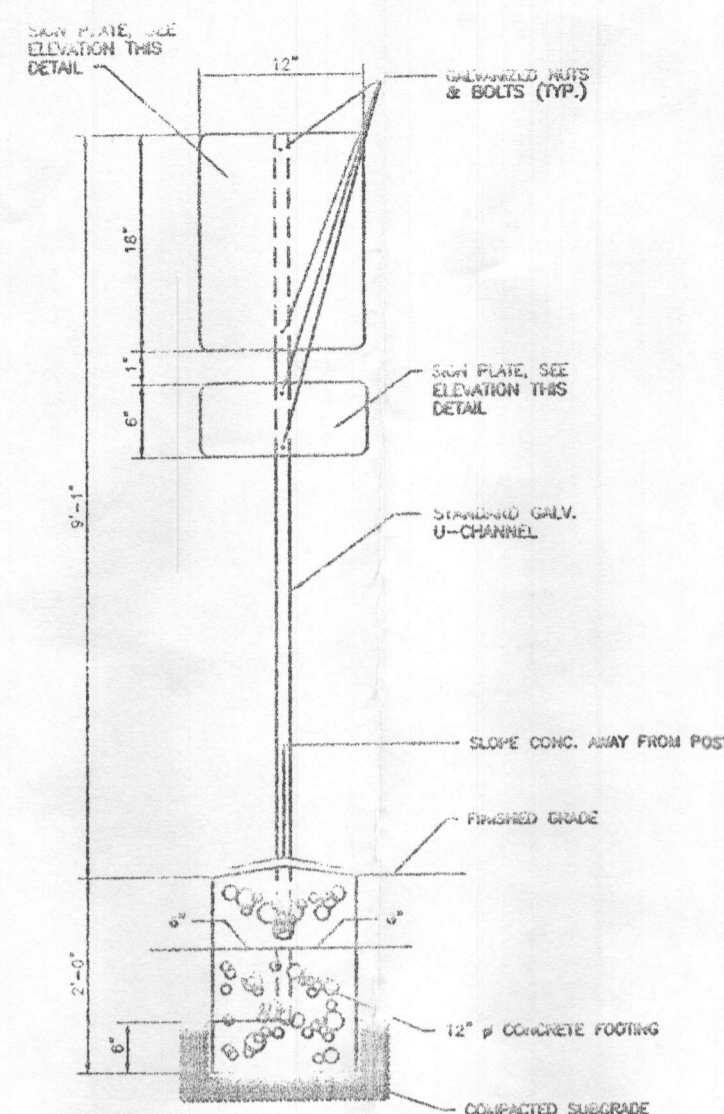
revision	DEC. 2001
description	

HOWARD COUNTY
SECOND ELECTION DISTRICT
DAR AL-TAQWA/PHASE II
COMMUNITY RELIGIOUS CENTER
TAX MAP 29 PARCEL 12
COVER SHEET

MILDENBERG & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hill Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0286 Fax (410) 997-5531 Wash. (410) 997-0286 Fax

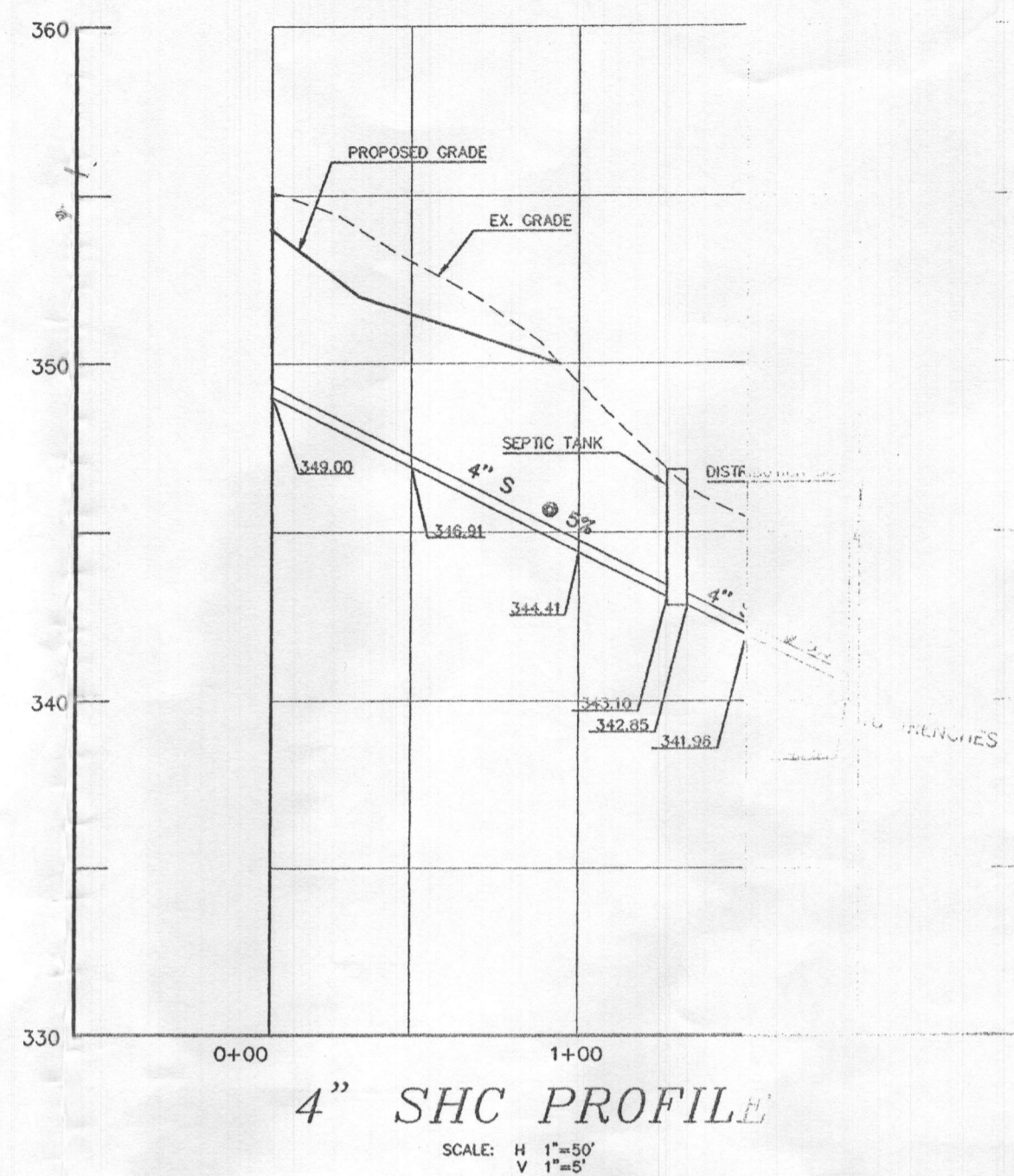


ELEVATION
 SECTION
HANDICAPPED SIGN AND POST
 NOT TO SCALE

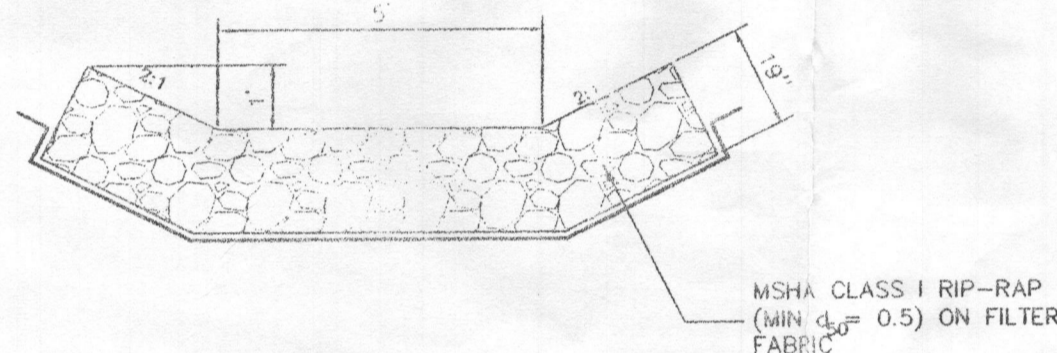


BOLLARD LIGHT DETAIL
 SCALE 1"=5'

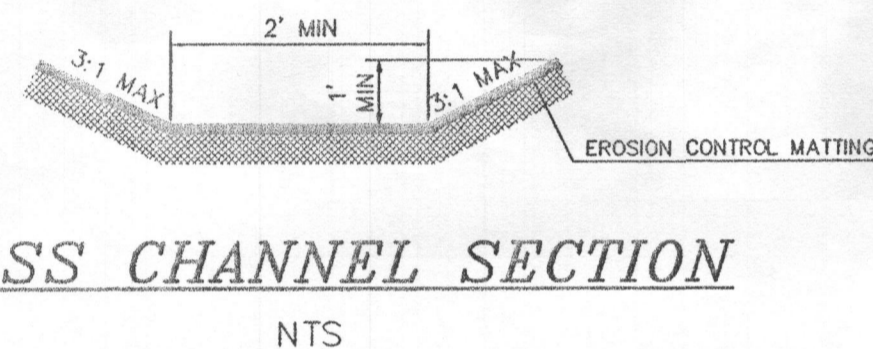
HANDRAIL DETAIL
 SCALE 1"=5'



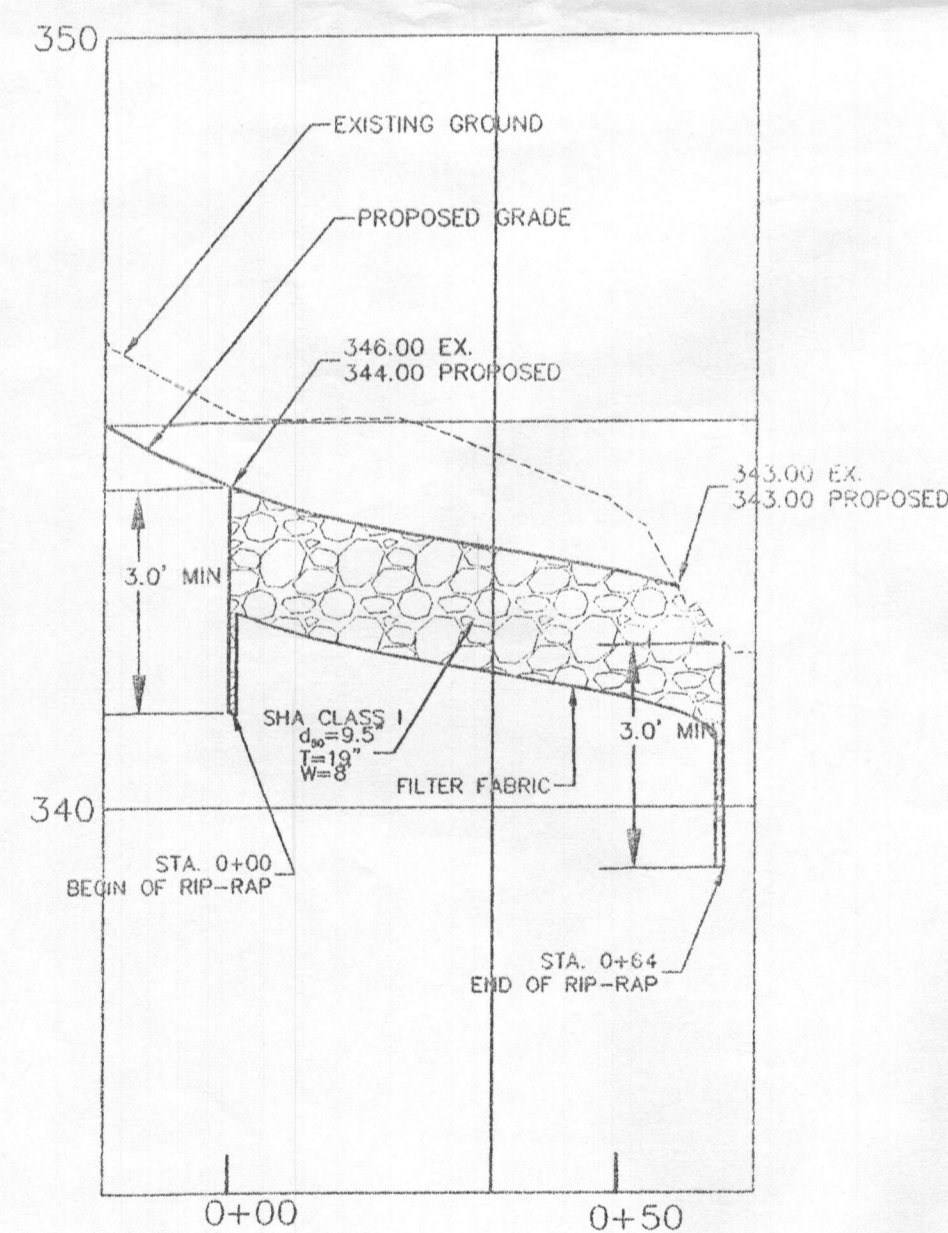
4" SHC PROFILE
 SCALE: H 1"=50'
 V 1"=5'



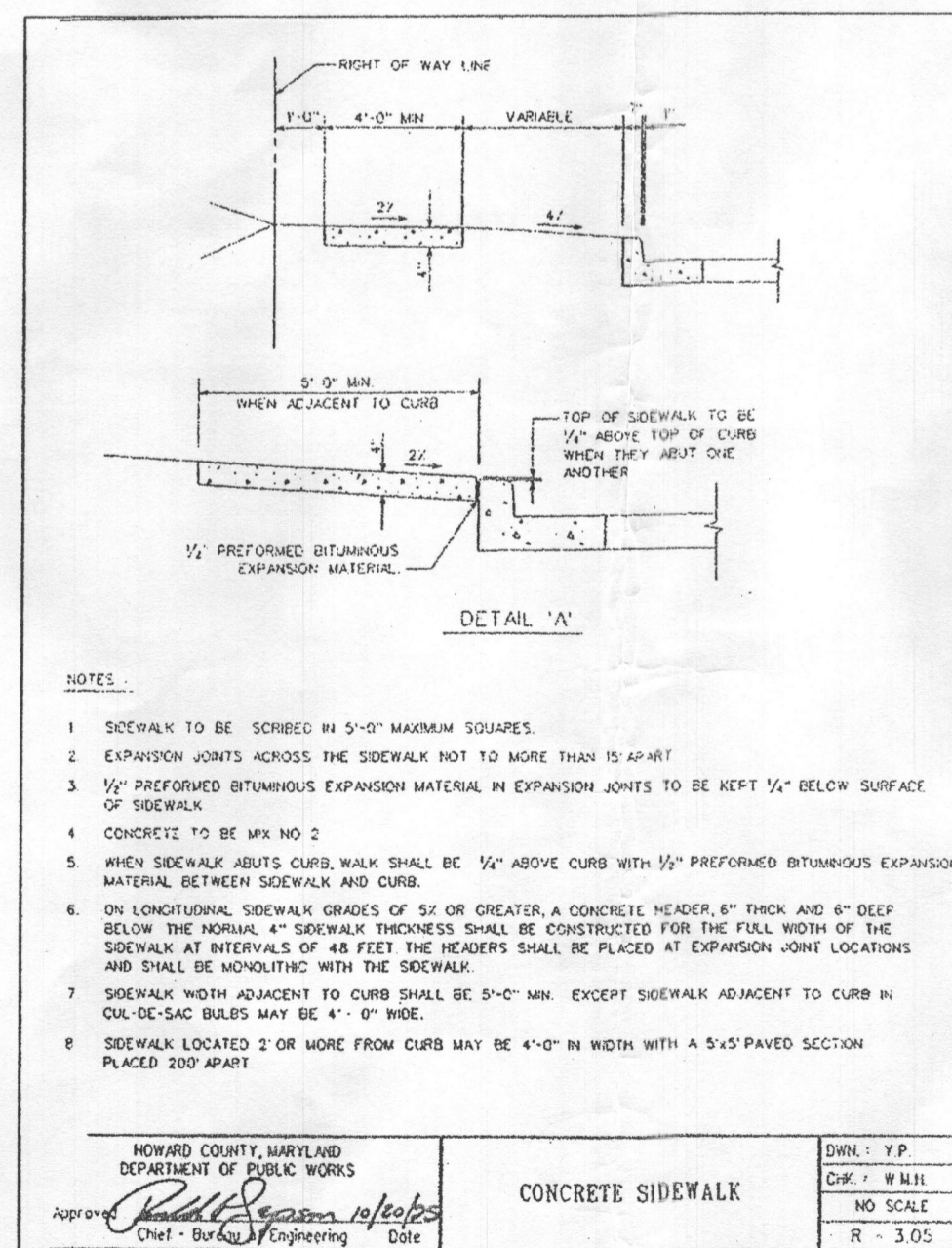
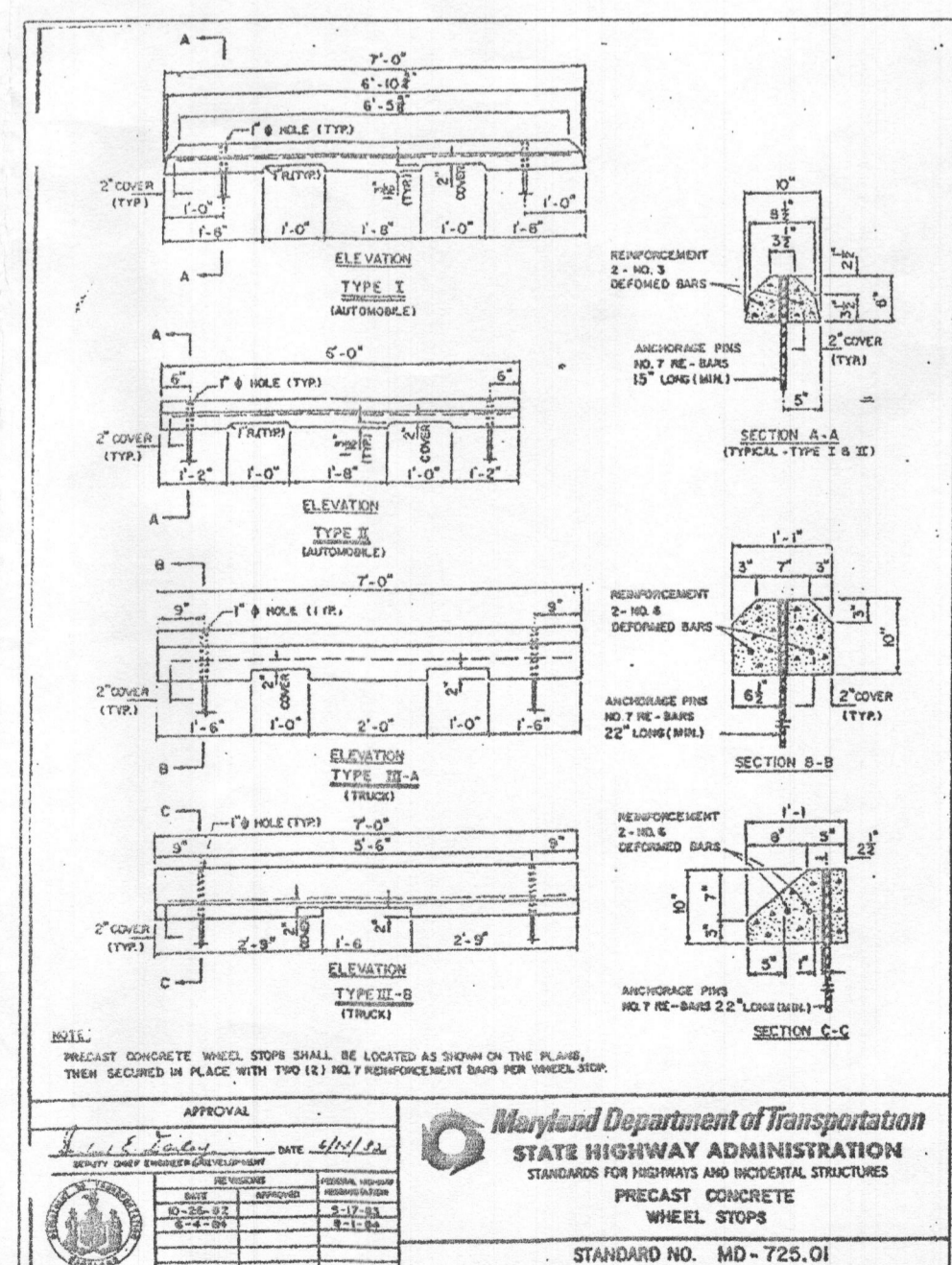
TYPICAL OUTFALL SECTION
 SCALE 1"=1'



GRASS CHANNEL SECTION
 NTS



OUTFALL PROFILE A-A
 SCALE: H 1"=25'
 V 1"=2.5'

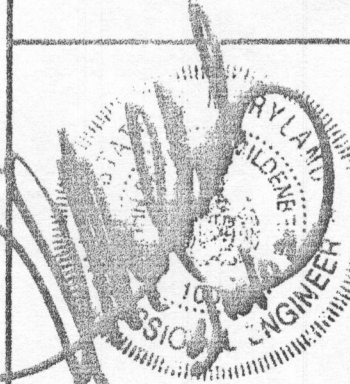


- NOTES:
1. SIDEWALK TO BE SMOOTH IN 5'-0" MAXIMUM SQUARES.
 2. EXPANSION JOINTS ACROSS THE SIDEWALK NOT TO MORE THAN 15' APART.
 3. 1/2" PREFORMED BITUMINOUS EXPANSION MATERIAL IN EXPANSION JOINTS TO BE KEPT 1/4" BELOW SURFACE OF SIDEWALK.
 4. CONCRETE TO BE MP NO 2.
 5. WHEN SIDEWALK ADJACENT TO CURB SHALL BE 1/4" ABOVE CURB WITH 1/2" PREFORMED BITUMINOUS EXPANSION MATERIAL BETWEEN SIDEWALK AND CURB.
 6. ON LONGITUDINAL SIDEWALK GRADES OF 5% OR GREATER A CONCRETE HEADER, 6" THICK AND 6" DEEP BELOW THE NORMAL 4" SIDEWALK THICKNESS SHALL BE CONSTRUCTED FOR THE FULL WIDTH OF THE SIDEWALK AT INTERVALS OF 48 FEET THE HEADERS SHALL BE PLACED AT EXPANSION JOINT LOCATIONS AND SHALL BE MONOLITHIC WITH THE SIDEWALK.
 7. SIDEWALK WIDTH ADJACENT TO CURB SHALL BE 5'-0" MIN. EXCEPT SIDEWALK ADJACENT TO CURB IN ON-DECK ISLES MAY BE 4'-0" WIDE.
 8. SIDEWALK LOCATED 2' OR MORE FROM CURB MAY BE 4'-0" IN WIDTH WITH A 5'-0" PAVED SECTION PLACED 200' APART.

HOWARD COUNTY, MARYLAND
 DEPARTMENT OF PUBLIC WORKS
 PRECAST CONCRETE
 WHEEL STOPS
 CONCRETE SIDEWALK
 DATE: 7/16/02
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]
 DATE: 7/16/02

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 [Signature] 5/30/02
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature] 7/16/02
 CHIEF, DIVISION OF LAND DEVELOPMENT
 [Signature] 7/16/02
 DIRECTOR

APPROVED: FOR PRIVATE WATER AND SEWER
 HOWARD COUNTY HEALTH DEPARTMENT.
 [Signature] 7/16/02
 HOWARD COUNTY HEALTH OFFICER
 DATE



DATE: 9/05/02
 DESIGNED BY: [Signature]
 CHECKED BY: [Signature]
 DRAWN BY: [Signature]
 APPROVED BY: [Signature]

PROJECT: [Blank]
 SHEET NO.: [Blank]
 TOTAL SHEETS: [Blank]

DAR AL-TAQWA/PHASE II
 COMMUNITY RELEGIOUS CENTER
 TAX MAP 29 PARCEL 12
 HOWARD COUNTY
 SECOND ELECTION DISTRICT
 MISC. DETAILS, PROFILES AND SECTIONS

MILDENBERG, BOENDER & ASSOC., INC.
 Engineers Planners Surveyors
 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland, 21042
 (410) 987-0286 Fax: (301) 827-6521 West: (410) 987-0286 Fax

50P02-04

HOWARD SOIL CONSERVATION DISTRICT
PERMANENT SEEDING NOTES

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

SEED 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:

- PREFERRED - APPLY 2 TONS PER ACRE OF DOMICILITE LIMESTONE (92 LBS./1000 SQ.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 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.)
- ACCEPTABLE - APPLY 2 TONS PER ACRE OF DOMICILITE LIMESTONE (92 LBS./1000 SQ.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.

SCHEDULING - FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 100 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1000 SQ.FT.) FOR PERIOD MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 100 LBS. PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR PERIOD MAY 1 THRU AUGUST 31, SEED WITH 3 LBS. PER ACRE OF KEEPING TURFGRASS (07 LBS./1000 SQ.FT.). FOR PERIODS NOVEMBER 1 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 500 GALLONS (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 UNWELLED STRAW MULCH IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 2 1/2 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 3 FEET OR HIGHER, USE 3/4 GALLONS PER ACRE (6 GAL./1000 SQ.FT.) FOR ANCHORING.

MAINTENANCE - INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES

SEED 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./1000 SQ.FT.).

SCHEDULING - FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 100 LBS. PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR PERIOD MAY 1 THRU AUGUST 31, SEED WITH 3 LBS. PER ACRE OF KEEPING TURFGRASS (07 LBS./1000 SQ.FT.). FOR PERIODS NOVEMBER 1 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 500 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 3 FEET OR HIGHER, USE 3/4 GALLONS PER ACRE (6 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1993 MAINTENANCE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR ADDITIONAL RATES AND METHODS NOT COVERED.

GEOTECHNICAL RECOMMENDATIONS

- WEATHERED ROCK MATERIALS WERE ENCOUNTERED IN SEVERAL BORINGS. IT IS LIKELY THAT THIS MATERIAL ABOVE 11 FEET CAN BE RIPPED. BLASTING IS NOT RECOMMENDED TO EXCAVATE ROCK IN SWM PONDS.
- CONSTRUCTION DEWATERING SHOULD BE IMPLEMENTED TO FACILITATE EXCAVATION OF POND BOTTOMS AND CUT OFF TRENCH, AS REQUIRED.
- WHEN DRAINING EXISTING POND, EXCAVATE POND BOTTOM TO STABLE MATERIAL. IF EXISTING FILLS ARE ENCOUNTERED IN THIS AREA, THEY SHOULD BE CAREFULLY REVIEWED TO IDENTIFY AND REMOVE EXISTING FILLS PLACED DURING EMBANKMENT CONSTRUCTION.
- FILLS FOR CUTOFF TRENCH AND EMBANKMENT CONSTRUCTION SHOULD BE CONSTRUCTED IN EIGHT INCH AND COMPACTED TO 95% ASTM D-698.
- FILLS AROUND OUTFALL WORKS; THE OUTFALL PIPE AND ANTI-SEEP COLLARS SHOULD BE PLACED IN 4-INCH LIFTS AND COMPACTED TO THE SAME STANDARD WITH HAND EQUIPMENT.
- REFER TO GEOTECHNICAL REPORT FOR FURTHER RECOMMENDATIONS AND INFORMATION.

STANDARD AND SPECIFICATIONS FOR TOPSOIL

DEFINITION
PLACEMENT OF TOPSOIL OVER A PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION.

PURPOSE
TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW pH, MATERIALS TIGHT TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION.

CONDITIONS WHERE PRACTICE APPLIES

- THIS PRACTICE IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE:
 - THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE VEGETATIVE GROWTH.
 - THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS.
 - THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.
 - THE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.
- FOR THE PURPOSE OF THESE STANDARDS AND SPECIFICATIONS, AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN FOR ADEQUATE STABILIZATION. AREAS HAVING SLOPES STEEPER THAN 2:1 SHALL HAVE THE APPROPRIATE STABILIZATION SHOWN ON THE PLANS.

CONSTRUCTION AND MATERIAL SPECIFICATIONS

- TOPSOIL SALVAGED FROM THE EXISTING SITE MAY BE USED PROVIDED THAT IT MEETS THE STANDARDS AS SET FORTH IN THESE SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN SOIL TYPE CAN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA - SCS IN COOPERATION WITH MARYLAND AGRICULTURAL EXPERIMENTAL STATION.
- TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:
 - TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND, OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CONCRETES, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.
 - TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONSON GRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.
 - WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.
- FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES:
 - PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS.
- FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES:
 - ON SOIL MEETING TOPSOIL SPECIFICATIONS, OBTAIN TEST RESULTS DICTATING FERTILIZER AND LIME AMENDMENTS REQUIRED TO BRING THE SOIL INTO COMPLIANCE WITH THE FOLLOWING:
 - pH FOR TOPSOILS SHALL BE BETWEEN 6.0 AND 7.5. IF THE TESTED SOIL DEMONSTRATES A pH OF LESS THAN 6.0, SUFFICIENT LIME SHALL BE PRESCRIBED TO RAISE THE pH TO 6.5 OR HIGHER.
 - ORGANIC CONTENT OF TOPSOIL SHALL BE NOT LESS THAN 1.5 PERCENT BY WEIGHT.
 - TOPSOIL HAVING SOLUBLE SALT CONTENT GREATER THAN 500 PARTS PER MILLION SHALL NOT BE USED.
 - NO SOD OR SEED SHALL BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS.
 - PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS.

NOTE: TOPSOIL, SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN LIEU OF NATURAL TOPSOIL.

- PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS.

TOPSOIL APPLICATION

- WHEN TOPSOILING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, EARTH DIKES, SLOPE SILT FENCE AND SEDIMENT TRAPS AND BASINS.
- GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE BEEN PREVIOUSLY ESTABLISHED, SHALL BE MAINTAINED, ALBERT 4" - 8" HIGHER IN ELEVATION.
- TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED BY A 4" TO 8" LAYER AND LIGHTLY COMPACTED TO A MINIMUM THICKNESS OF 4". SPREADING SHALL BE PERFORMED IN SUCH A MANNER THAT SODDING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.
- TOPSOIL SHALL NOT BE PLACED WHILE THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION.
- ALTERNATIVE FOR PERMANENT SEEDING - INSTEAD OF APPLYING THE FULL AMOUNTS OF LIME AND COMMERCIAL FERTILIZER, COMPOSTED SLUDGE AND AMENDMENTS MAY BE APPLIED AS SPECIFIED BELOW:
 - COMPOSTED SLUDGE MATERIAL FOR USE AS A SOIL CONDITIONER FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
 - COMPOSTED SLUDGE SHALL BE SUPPLIED BY, OR ORIGINATE FROM, A PERSON OR PERSONS WHO ARE PERMITTED (AT THE TIME OF ACQUISITION OF THE COMPOST) BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT UNDER COMAR 26.04.06.
 - COMPOSTED SLUDGE SHALL CONTAIN AT LEAST 1 PERCENT NITROGEN, 1.5 PERCENT PHOSPHOROUS, AND 0.2 PERCENT POTASSIUM AND HAVE A pH OF 7.0 TO 8.0. IF COMPOST DOES NOT MEET THESE REQUIREMENTS, THE APPROPRIATE CONSTITUENTS MUST BE ADDED TO MEET THE REQUIREMENTS PRIOR TO USE.
 - COMPOSTED SLUDGE SHALL BE APPLIED AT A RATE OF 1 TON/1,000 SQUARE FEET.
 - COMPOSTED SLUDGE SHALL BE AMENDED WITH A POTASSIUM FERTILIZER APPLIED AT THE RATE OF 4 LB/1,000 SQUARE FEET, AND 1/3 THE NORMAL LIME APPLICATION RATE.

REFERENCES: GUIDELINE SPECIFICATIONS, SOIL PREPARATION AND SODDING, MD-VA, PUB. #1, COOPERATIVE EXTENSION SERVICE, UNIVERSITY OF MARYLAND AND VIRGINIA POLYTECHNIC INSTITUTES, REVISED 1973.

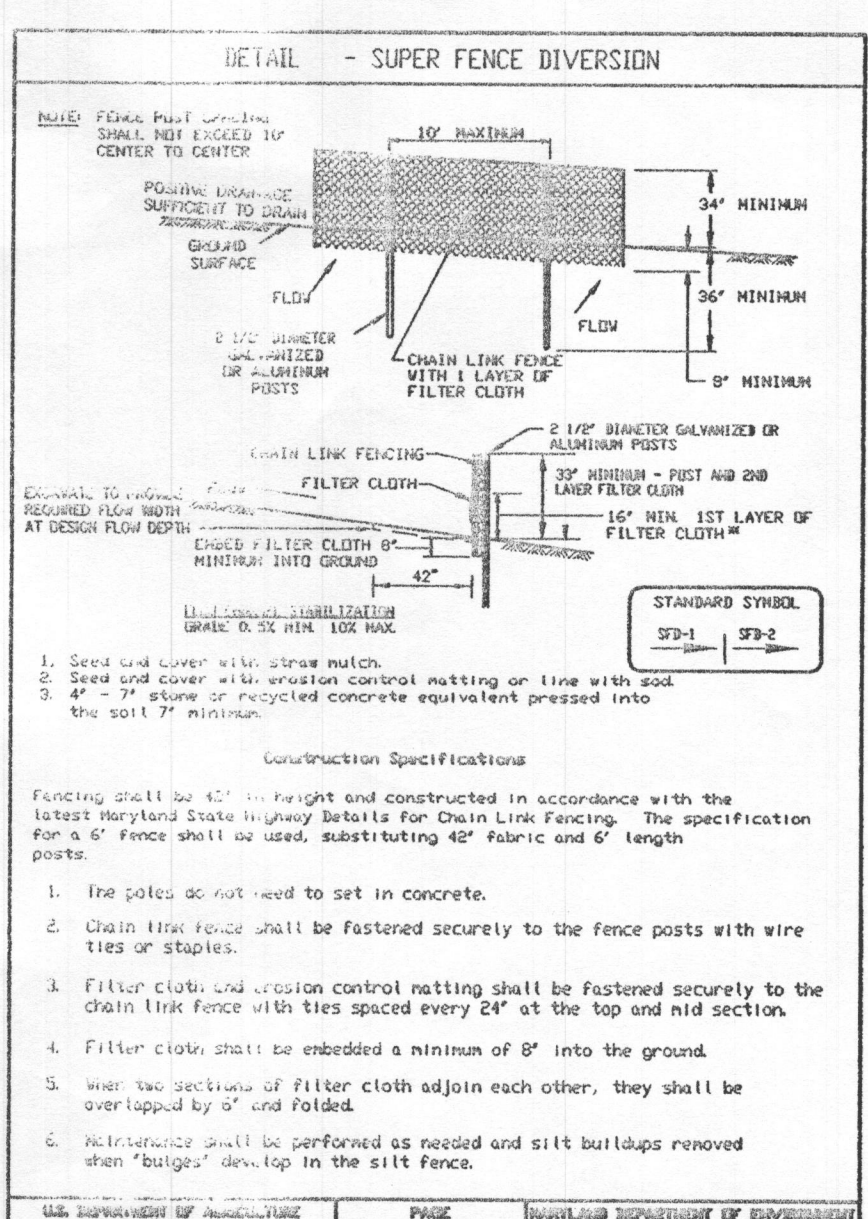
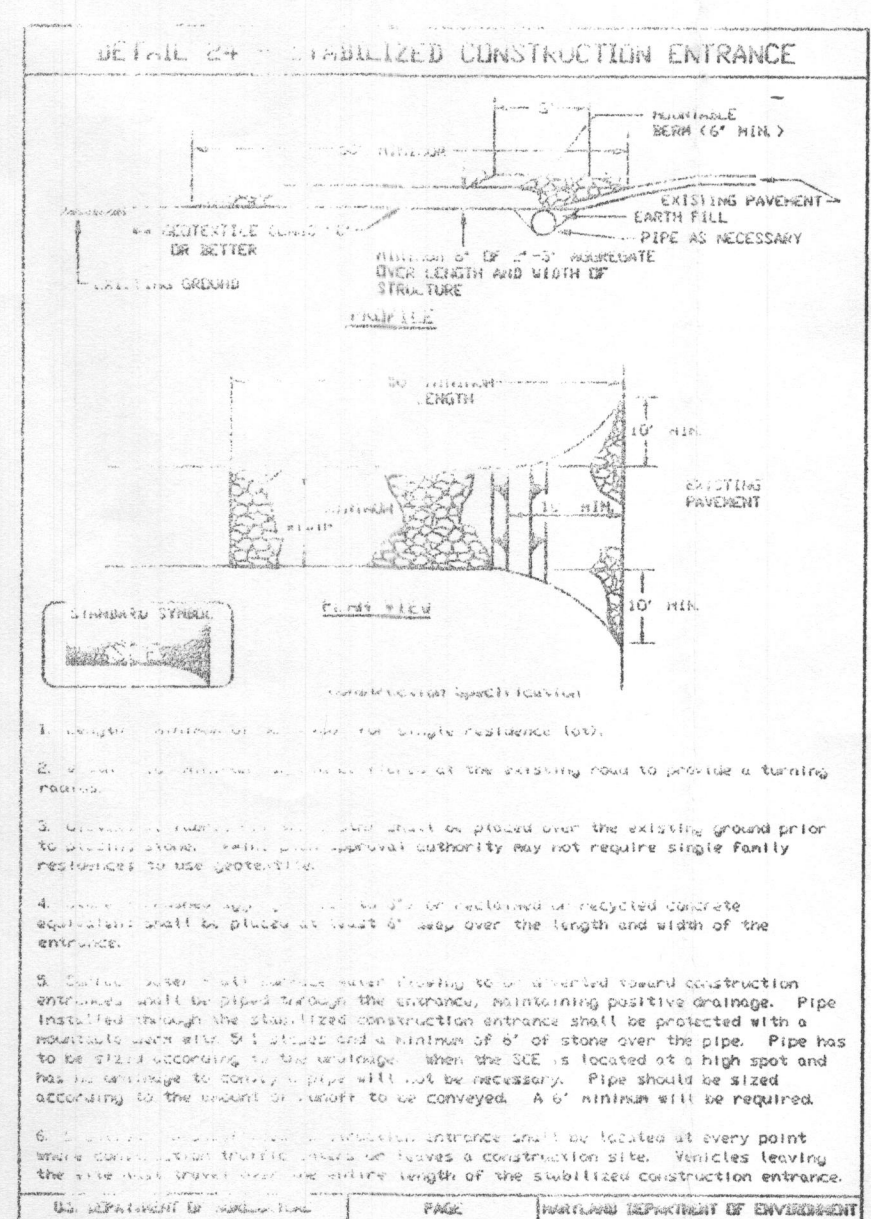
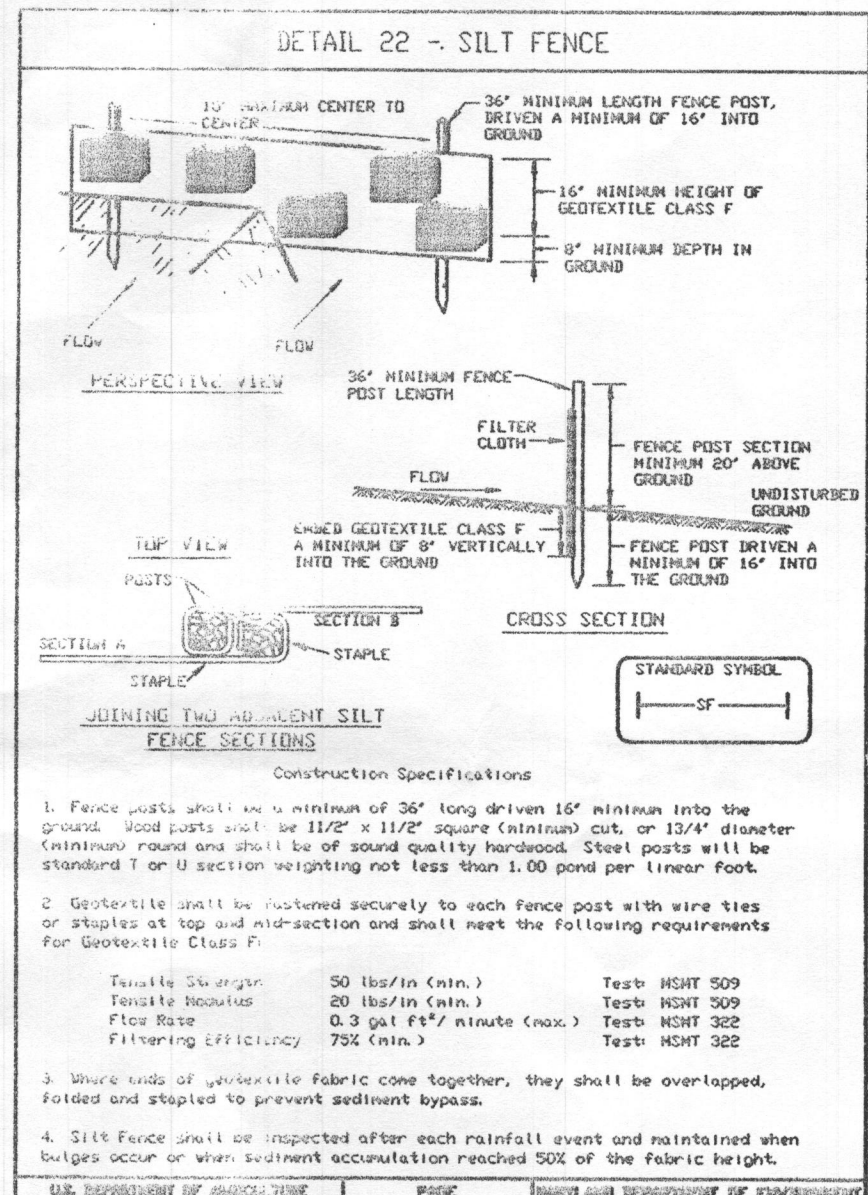
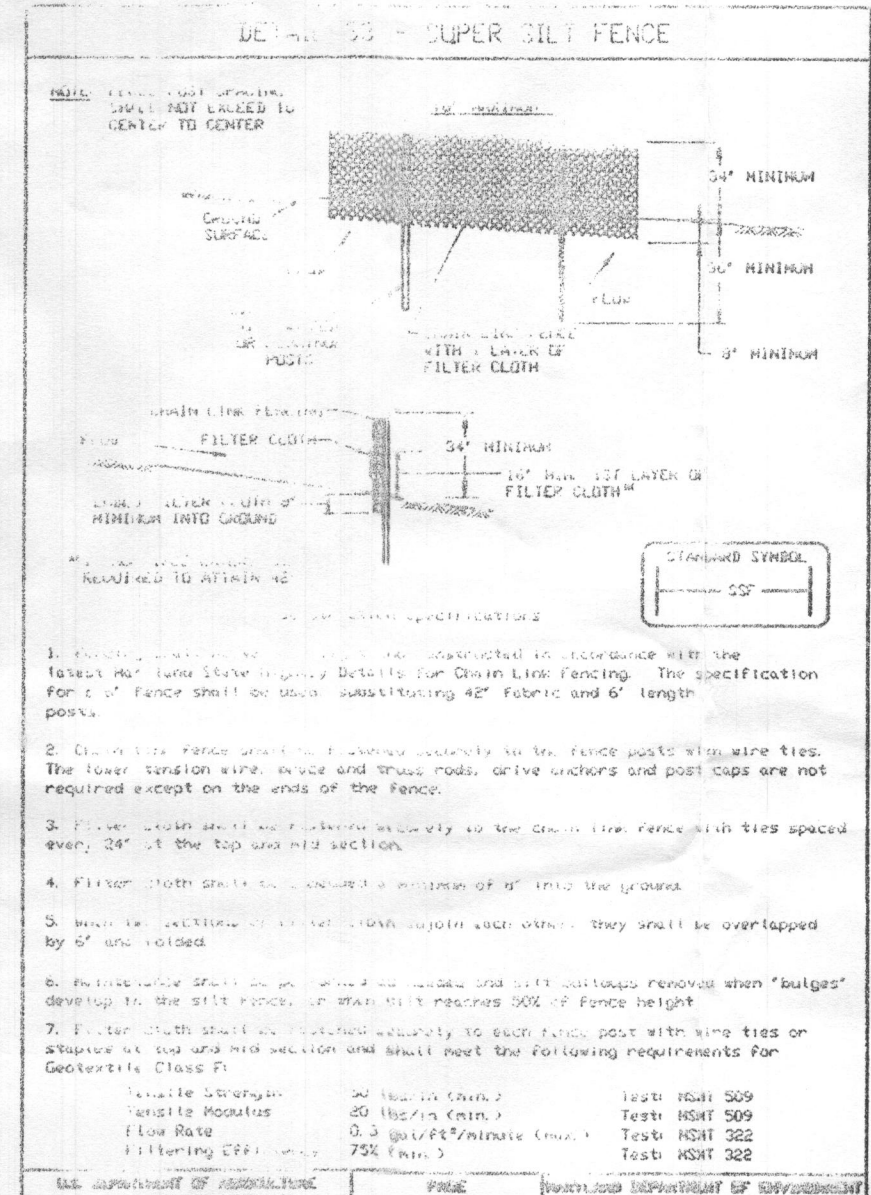
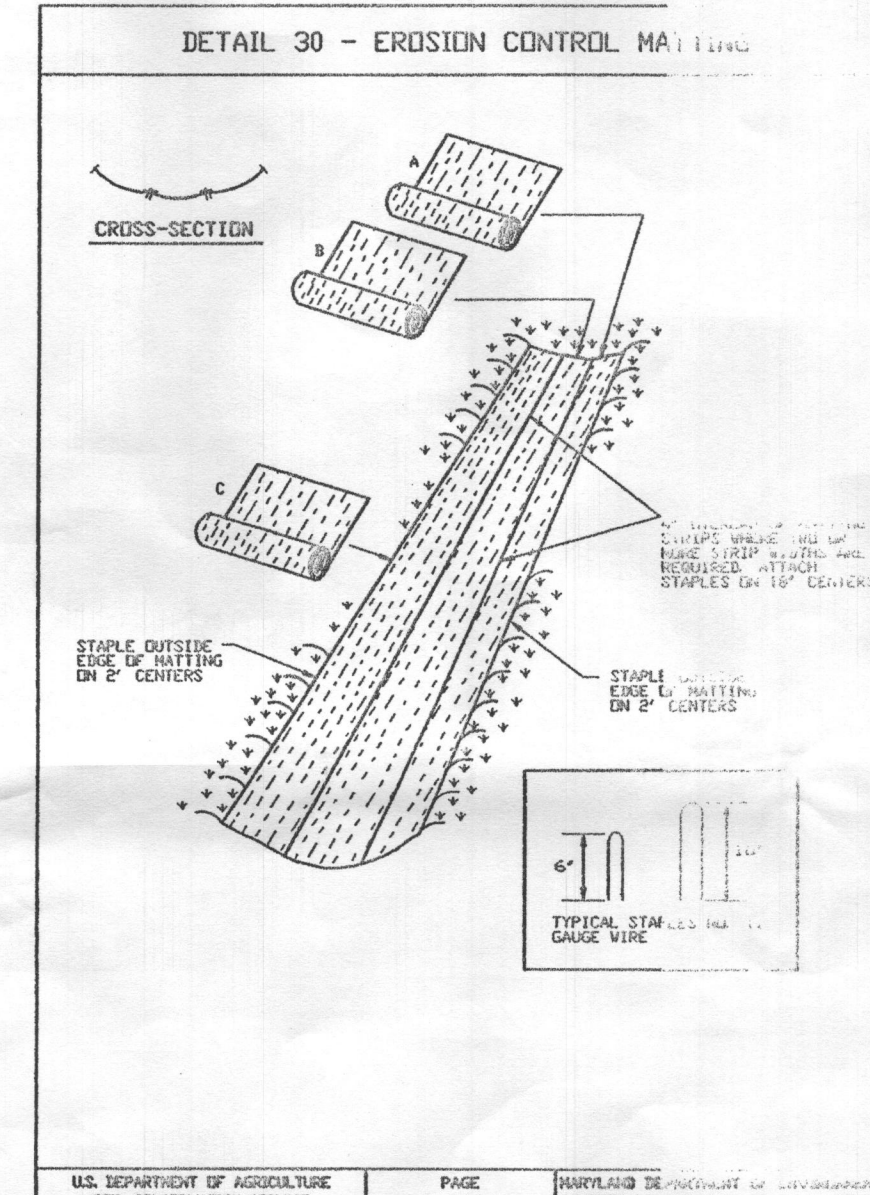
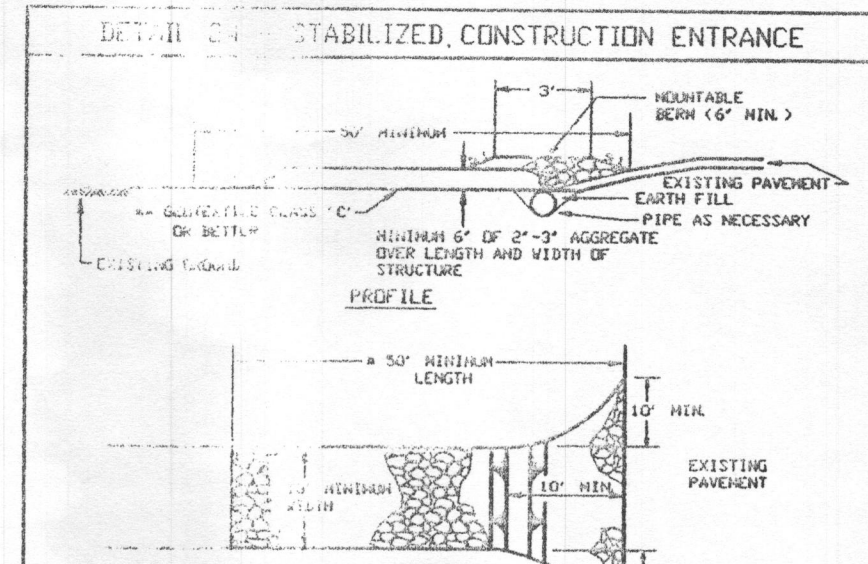
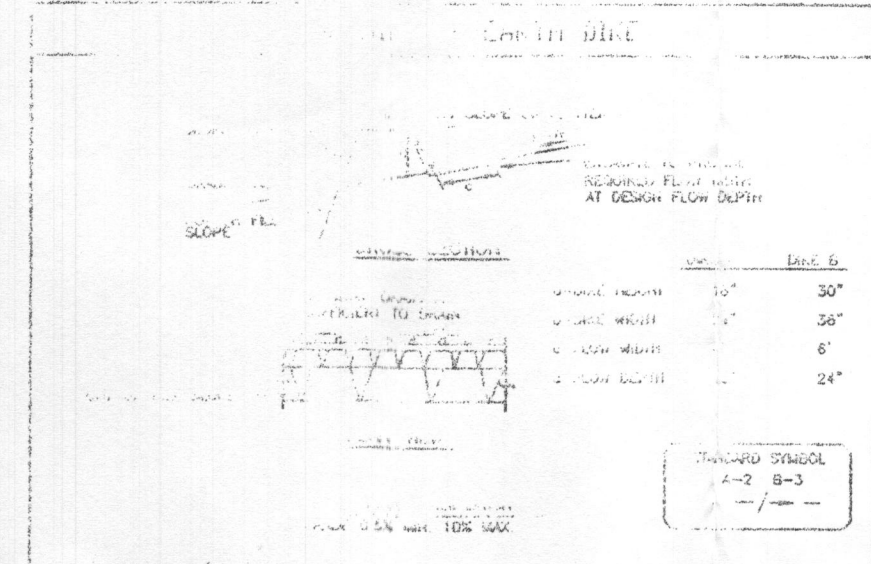
HOWARD SOIL CONSERVATION DISTRICT
STANDARD SEDIMENT CONTROL NOTES

- 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 THEREOF.
- 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.
- 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 1991 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 5), SOD (SEC. 5A), TEMPORARY SEEDING (SEC. 5B) AND MULCHING (SEC. 5C). 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:	5.79	ACRES
AREA DISTURBED:	1.952	ACRES
AREA TO BE ROOFED OR PAVED:	1.322	ACRES
AREA TO BE VEGETATIVELY STABILIZED:	0.692	ACRES
TOTAL CUT:	1,000	CU. YDS.
TOTAL FILL:	1,000	CU. YDS.
TOTAL WASTE/BORROW AREA LOCATION:		
- 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 CAN BE BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT. (1 DAY)
- CONSTRUCT SCE (1 DAY)
- CONSTRUCT EARTH DIKES AND SILT FENCE DIVERSION AS SHOWN ON PLAN (2 DAYS)
- CONSTRUCT SUPER SILT FENCES AS SHOWN.
- MASS GRADE THE SITE. (14 DAYS)
- UPDATE THE SWM FACILITY AS SHOWN ON THE PLANS. (GRADING AND INSTALLING THE RIP-RAP PROTECTION) (2 DAYS)
- CONSTRUCT THE GRASS SWALE TREATING THE PORTION OF THE PARKING LOT DRAINING TO THE SWM FACILITY ACCORDING TO THE SLOPE AND SECTION PROVIDED.
- FINISH THE BASE COURSE FOR THE PAVEMENT (2 DAYS) MAINTAIN SILT FENCE UNTIL ALL DRAINAGE AREAS HAS BEEN STABILIZED.
- FINISH THE BASE COURSE FOR THE PAVEMENT ADJACENT TO THE EXISTING PAVEMENT.
- WHEN ALL CONTRIBUTING AREAS HAVE BEEN STABILIZED AND UPON APPROVAL FROM SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE REMAINING AREAS.
- PAVE PARKING LOT AND DRIVEWAY AS REQUIRED (3 DAYS)



DEVELOPERS CERTIFICATE

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

Signature of Developer: *Shawd Hagan* DATE: *5/14/02*

Signature of Engineer: *John M. Yarn* DATE: *5/14/02*

Signature of Inspector: *John M. Yarn* DATE: *5/14/02*

Signature of Health Officer: *John M. Yarn* DATE: *5/14/02*

Signature of Director: *John M. Yarn* DATE: *5/14/02*

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Commercial

SEPTIC SPECIFICATIONS WORKSHEET

SUBDIVISION: Dar Al-Tagwa Community Center A 514/78

STREET NAME: 10740 Route 108 LOT NUMBER: _____

AVERAGE PERCOLATION RATE: _____ SQUARE FEET PER BEDROOM: _____

NUMBER OF BEDROOMS: _____ LINEAR FEET OF TRENCH PER BEDROOM: _____

TOTAL LINEAR FEET OF TRENCH: 186' SEPTIC TANK CAPACITY: Minimum 1000

TOP SEAMED TANK REQUIRED? YES OR NO COMPARTMENTED TANK REQUIRED? YES OR NO

TRENCH DIMENSIONS: Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2.0 feet of stone below distribution pipe.

PUMPED SYSTEM PROPOSED: ~~YES OR NO~~ To Be Determined

Pumped Septic System Detail: ¹⁰⁰⁰ Minimum gallon(s) pump chamber.

Top Seamed Pump Chamber Required? YES OR NO

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test is necessary prior to Health Department approval of pump septic system.

LOCATION: Place the distribution box near the upper right corner of the septic easement and install 2 - 93 foot trenches on contour towards the opposite side of the septic easement.

ADDITIONAL NOTES: Public water. Well to be abandoned and sealed after connection is complete.

Reviewer: B. Babu, RJP

Date: 6/13/05