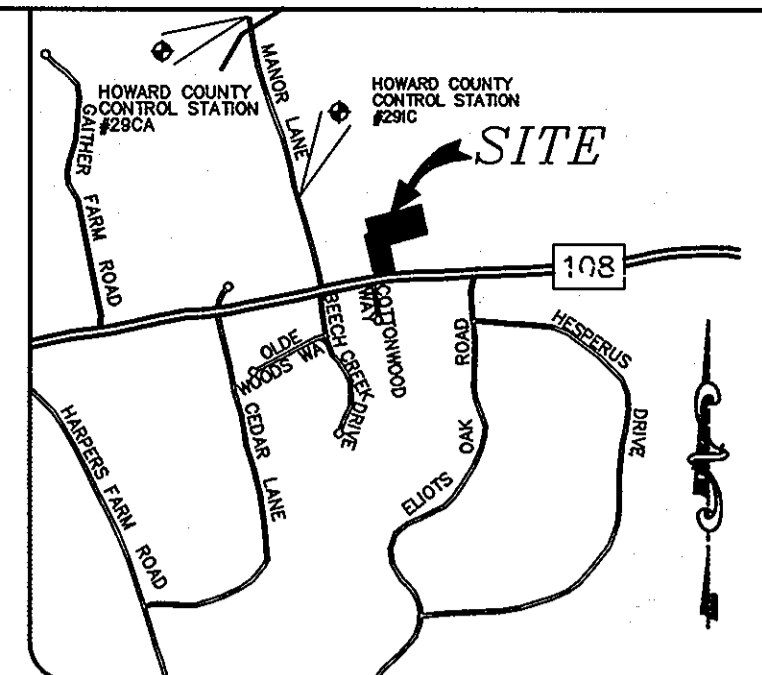
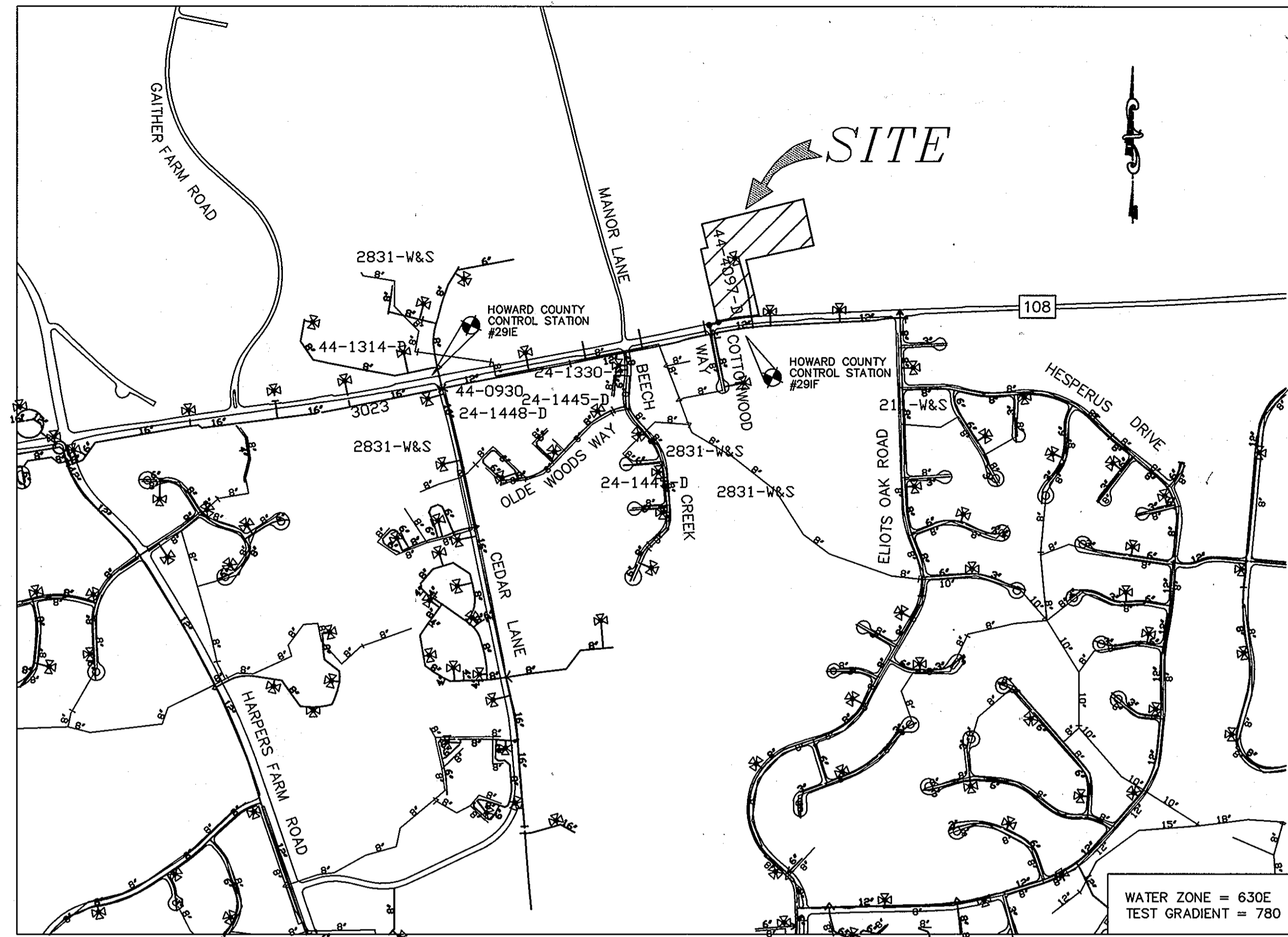


**QUANTITY TABLE**

ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
STANDARD MH	2			
8" SEWER MAIN	240 L.F.			
6" SEWER HOUSE CONNECTION	8 L.F.			
# SEWER HOUSE CONNECTIONS	1			
# MH SEWER HOUSE CONNECTIONS	1			
NAME OF UTILITY CONTRACTOR:				
SURVEY AND DRAFTING DIVISION AS-BUILT DATE				



**VICINITY MAP**  
SCALE: 1" = 600'

**WELL AND SEPTIC TABLE**

LOT NUMBER	STREET ADDRESS	WATER	SEWER
PARCEL 12	10740 ROUTE 108, ELLICOTT CITY, MD 21042	PUBLIC	ON SITE PRIVATE SEPTIC SYSTEM (TO BE ABANDONED)

TYPE OF BUILDING	COMMERCIAL
No. OF UNITS	1
No. OF WATER HOUSE CONNECTION	0
No. OF SEWER HOUSE CONNECTIONS	1
DRAINAGE AREA	LITTLE PATUXENT
TREATMENT PLANT	LITTLE PATUXENT WATER RECLAMATION PLANT

**GENERAL NOTES**

- APPROXIMATE LOCATIONS OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- TOPOGRAPHIC FIELD SURVEYS WERE PERFORMED ON FEBRUARY 2003 BY WINGS AERIAL MAPPING SUPPLEMENTED BY TOPOGRAPHIC SURVEY PERFORMED BY MILDENBERG BOENDER & ASSOCIATES IN DECEMBER 2007.
- HORIZONTAL AND VERTICAL SURVEY CONTROLS: THE COORDINATES SHOWN ON THE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM NAD '83/'91 AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 291E AND NO. 291F. ALL VERTICAL CONTROLS ARE BASED ON NAVD '88. VERTICAL CONTROLS PROVIDED ON THE DRAWINGS ARE HO.CO. GEODETIC CONTROL STA. 291E & 291F.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 12 INCHES. CLEAR ALL POLES BY 5'-0" MINIMUM OR TUNNEL AS REQUIRED UNLESS OTHERWISE NOTED. THE OWNER HAS CONTACTED THE UTILITY COMPANIES AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON THE DRAWINGS. IN THE EVENT THE CONTRACTOR'S WORK REQUIRES THE BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR THE BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONEY OWNED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
- FOR DETAILS NOT SHOWN ON THE DRAWING, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
- WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL AT THE LOCATIONS OF THE TEST PITS. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IS INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TEST PITS HAVE NOT BEEN DIG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
  - AT&T .....1-800-252-1133
  - BGE(CONSTRUCTION SERVICES).....410-850-4620
  - BGE(EMERGENCY).....410-685-1400
  - BUREAU OF UTILITIES.....410-313-4900
  - COLONIAL PIPELINE CO.....410-795-1390
  - STATE HIGHWAY ADMINISTRATION.....410-531-5533
  - VERIZON.....1-800-743-0033/410-224-9210
  - MISS UTILITY .....1-800-257-7777
- TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG THE LINE OF EXCAVATED. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
- THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410)313-7450 AT LEAST FIVE WORKING DAYS BEFORE OPEN CUTTING OR BORING/JACKING OF ANY COUNTY ROAD FOR LAYING WATER/SEWER MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(g) OF THE HOWARD COUNTY CODE.

**SEWER**

- ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- FORCE MAINS SHALL BE D.I.P. ONLY.
- MANHOLES SHOWN WITH 12" AND 18" WALLS ARE FOR BRICK MANHOLES ONLY.
- MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVER, STANDARD DETAIL 05.52. WHERE WATERTIGHT MANHOLE FRAMES AND COVERS ARE USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATED THAT THE CELLAR CANNOT BE SERVED.

**INDEX OF DRAWINGS**

NO.	DESCRIPTION
1	TITLE SHEET
2	SEWER PLAN AND PROFILE

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

**CONTRACT NO.: 24-4655-D**  
**DAR AL-TAQWA**  
**COMMUNITY RELIGIOUS CENTER**  
**SEWER MAIN EXTENSION**  
**HOWARD COUNTY, MARYLAND**  
**DEPARTMENT OF PUBLIC WORKS**

I/WE 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 HOWARD SOIL CONSERVATION DISTRICT.

*Munir A. Khan* 04/25/2010  
DEVELOPER'S SIGNATURE DATE  
DAR AL TAQWA INCORPORATED  
DEVELOPER'S NAME

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

*Jacob Hikmat* 5/15/10  
ENGINEER'S SIGNATURE DATE  
JACOB HIKMAT  
ENGINEER'S NAME

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE SOIL CONSERVATION DISTRICT.  
*John R. Robertson* 5/25/10  
HOWARD SCD DATE

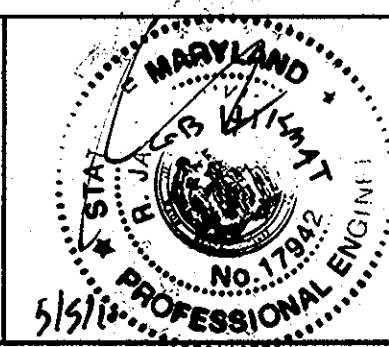
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO.: 17942, EXPIRATION DATE: 9/3/10

PLAN REFERENCE NUMBERS:  
SDP-02-04

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING  
HOWARD COUNTY, MARYLAND

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
6800 Deepoak Road, Suite 150, Elkridge, Maryland 21075  
(410) 997-0286 Ball. (410) 997-0288 Fax.



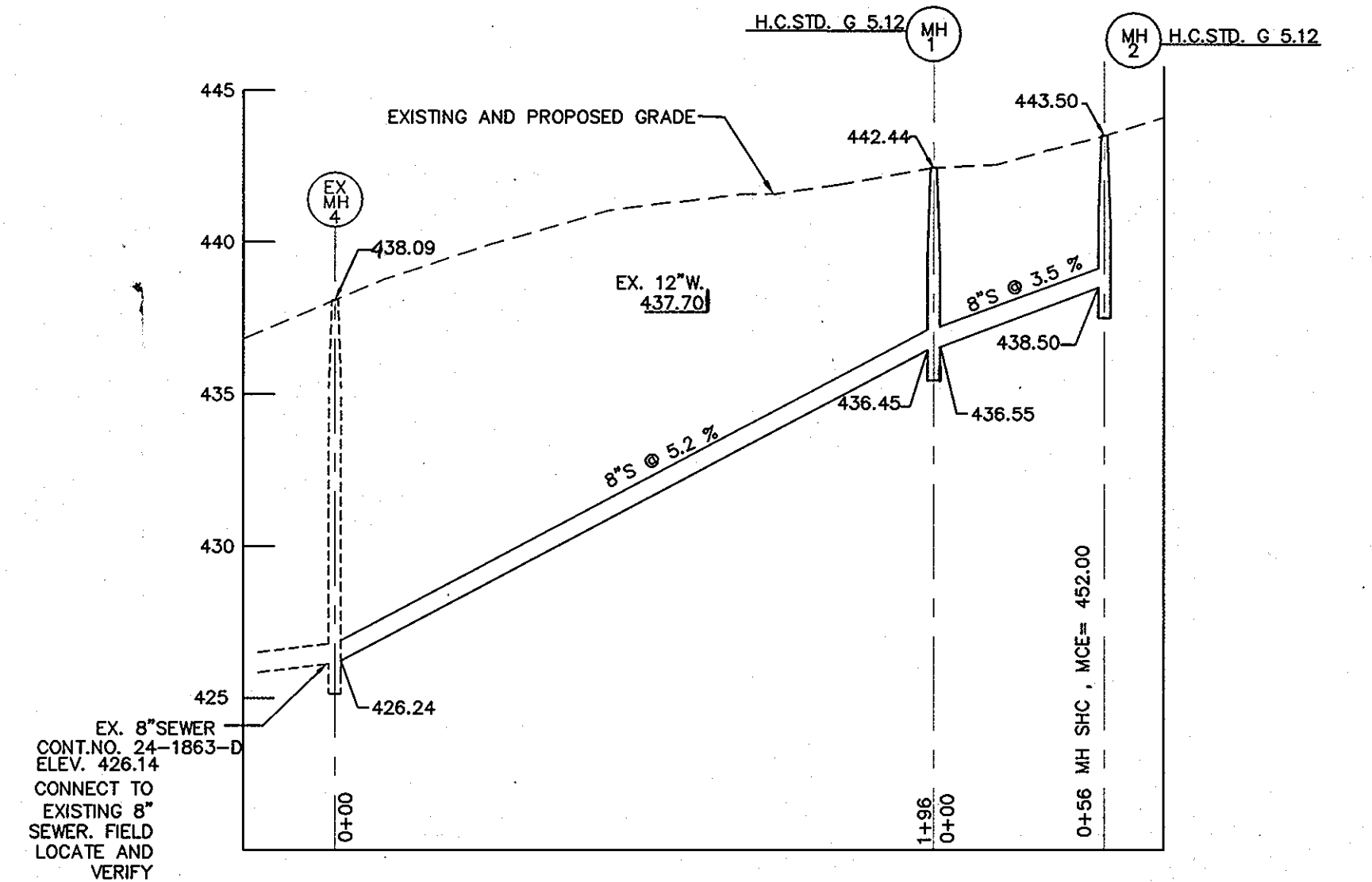
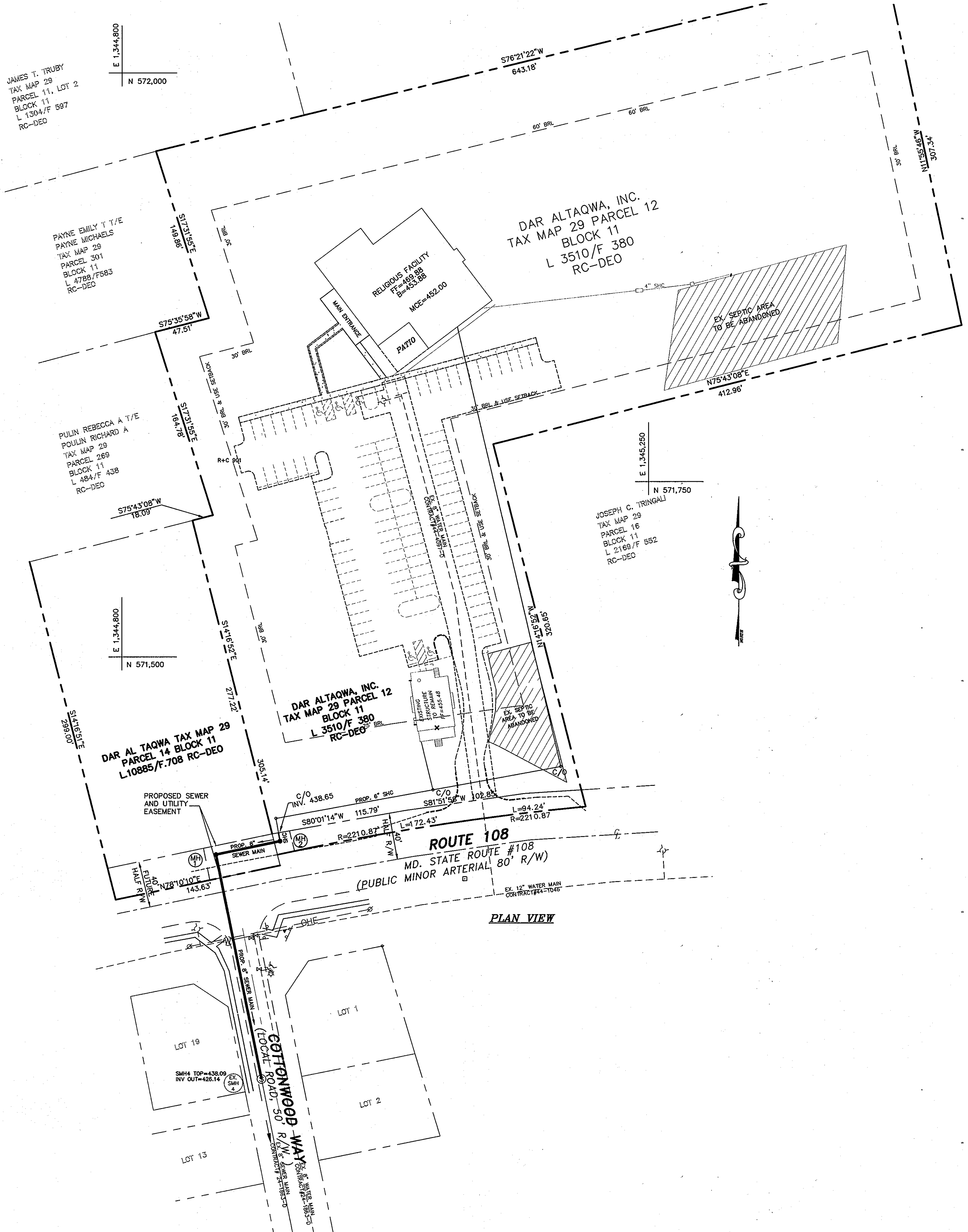
engineering	illustration	approval	project	date	BY	NO.	REVISION	DATE
MMT	MMT	RJH	96098	APR 2010				

**TITLE SHEET**

**DAR AL-TAQWA**  
**COMMUNITY RELIGIOUS CENTER**  
CONTRACT NO.: 24-4655-D  
SECOND ELECTION DISTRICT  
HOWARD COUNTY

scale  
AS SHOWN

1 OF 2



SEWER PROFILE EX MH 4 TO MH 2  
SCALE: HOR. 1"=50'  
VER. 1"=5'

- LEGEND**
- 8" S EXISTING SEWER MAIN AND MANHOLE
  - 12" S EXISTING WATER MAIN AND VALVE
  - EXISTING FIRE HYDRANT
  - PROPOSED SEWER MAIN
  - PROPOSED SEWER HOUSE CONNECTION
  - PROPOSED SEWER MANHOLE

F:\96098\DWG\96098-FINAL-sewer-PLAN.DWG

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>Steve Chan</i> CHIEF, BUREAU OF UTILITIES		DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND <i>David Anderson</i> CHIEF, DEVELOPMENT ENGINEERING DIVISION		<b>MILDENBERG, BOENDER &amp; ASSOC., INC.</b> Engineers Planners Surveyors 6800 Deerpath Road, Suite 150, Ellicott City, Maryland 21075 (410) 987-0286 Fax (410) 987-0288 Fax				engineering MMT illustration MMT approval RIH project 96098 date APR 2010		KCL Δ AG-0151T BY NO. REVISION DATE		<b>SEWER PLAN AND PROFILE</b> 60' SCALE MAP NO. 29 BLOCK NO. 11		<b>DAR AL-TAQWA</b> COMMUNITY RELIGIOUS CENTER CONTRACT NO.: 24-4655-D SECOND ELECTION DISTRICT HOWARD COUNTY		scale AS SHOWN <b>2 OF 2</b>	
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