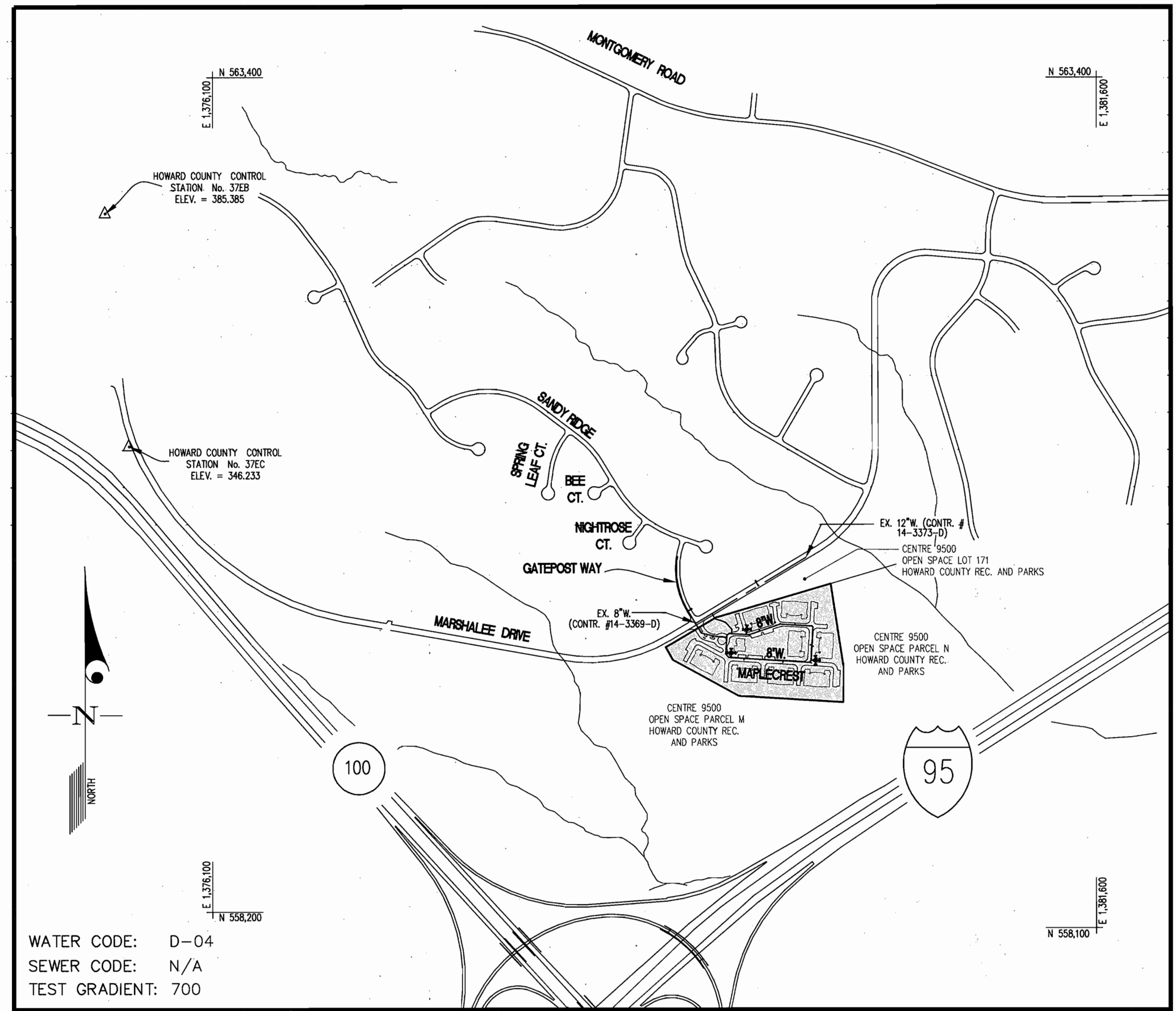


QUANTITIES				
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
6" WATER	57 L.F.			
8" WATER MAIN	1,819 L.F.			
12"x 8" T.S.&V.	1			
8"x 4" T.	1 EA.			
8"x 8" T.	9 EA.			
8" 1/8 H.B.	11 EA.			
8" 1/16 H.B.	3 EA.			
8" 1/32 V.B.	4 EA.			
6" VALVE (FH)	3			
8" VALVE	14			
8" CAP	8 EA.			
8"x 6" F.H.T.	3			
FIRE HYDRANT	3 EA.			
4" CAP	1			
4" WHC	10 L.F.			
8" WHC	80 L.F.			

NAME OF UTILITY CONTRACTOR: _____

SURVEY AND DRAFTING DIV. _____ CHECKBOX: AS-BUILT DATE: _____

TYPE OF BUILDING	8 APT. BUILDINGS & ONE COMMUNITY CENTER
NUMBER OF UNITS	126 APT. CONDOMINIUMS (27 PER APT. BLDG.)
NUMBER OF S.H.C.'s	9
NUMBER OF W.H.C.'s	9
DRAINAGE AREA	PATAPSCO
TREATMENT PLANT	PATAPSCO



WATER CODE: D-04
SEWER CODE: N/A
TEST GRADIENT: 700

VICINITY MAP
SCALE: 1"=600'

GENERAL NOTES

- PART I
- APPROXIMATE LOCATION 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.
 - ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES, NAD 83/91 (NORTH AMERICAN DATUM).
 - ALL VERTICAL CONTROLS ARE BASED ON NAVD 88.
 - ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS.
 - CLEAR ALL UTILITIES BY A MINIMUM OF 12". 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 BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONIES OWED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
 - FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAIL 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 LOCATION OF THE TEST PIT. 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 DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE.
 - CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

AT&T	1-800-252-1133
BGE (CONTRACTOR SERVICES)	410-850-4620
BGE (UNDER GROUND DAMAGE CONTROL)	410-787-9068
HOWARD CO. DPW, BUREAU OF UTILITIES	410-313-4900
COLONIAL PIPELINE CO.	410-795-1390
MISS UTILITY	1-800-257-7777
STATE HIGHWAY ADMINISTRATION	410-531-5533
VERIZON	1-800-743-0033/410-224-9210
 - TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
 - CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG LINE OF EXCAVATION. 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 (5) 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(A) OF THE HOWARD COUNTY CODE.
- PART II - WATER
- ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
 - TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-6" COVER UNLESS OTHERWISE NOTED.
 - VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
 - ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
 - FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD DETAILS. SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND 1005 OF THE STANDARD SPECIFICATIONS.
 - THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
 - ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE NOTED ON PLANS OR IN SPECIFICATIONS.
 - FOR SPRINKLER SYSTEM FOR ALL TOWNHOMES OR MULTI-FAMILY DWELLING UNITS SHOULD HAVE A MINIMUM OF 1' CONNECTION WITH A 3/4" METER.
- PART III - SEWER
- PUBLIC SEWER IS NOT APPLICABLE TO THIS PROJECT SINCE IT IS SERVED BY A PRIVATE SANITARY SYSTEM PER SDP-03-138.

SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS & WITH DRAWING SDP-03-138.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.

Jim M... 12/10/03
SIGNATURE DATE
U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE

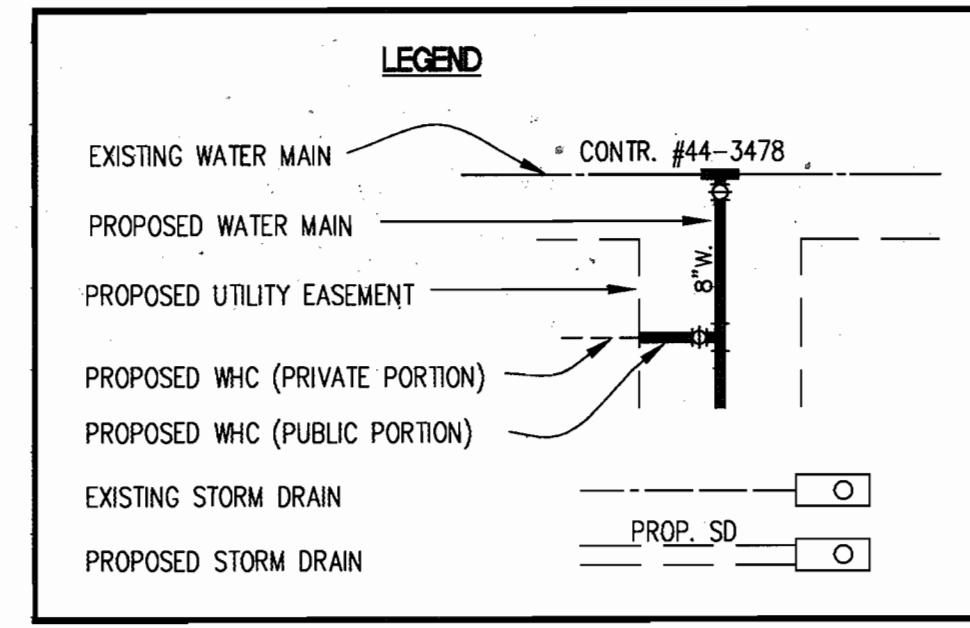
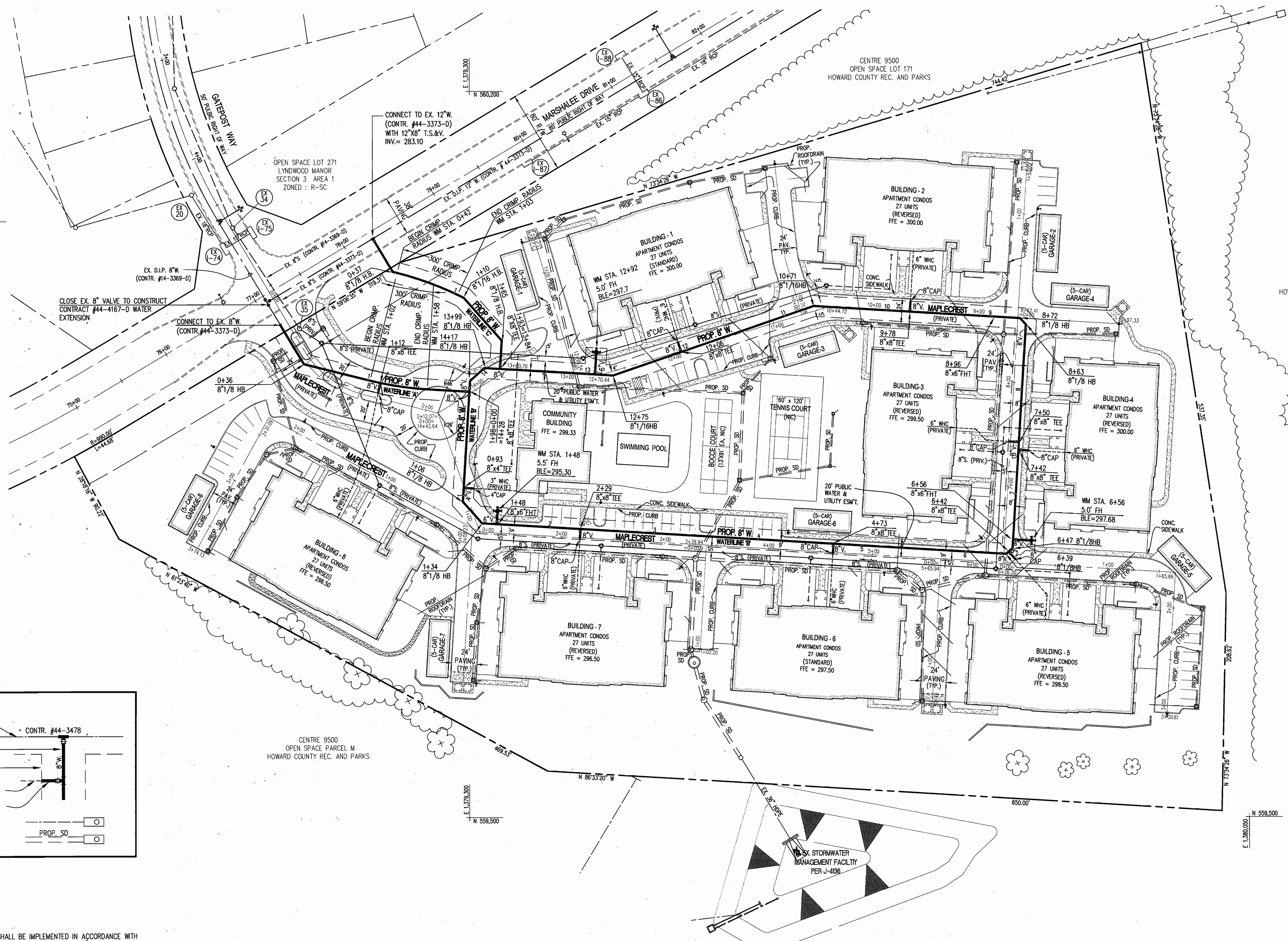
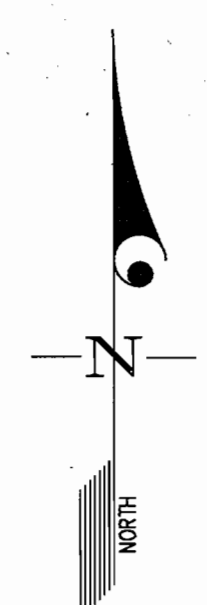
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: *[Signature]* 12/10/03
DATE
HOWARD S.D.

CONTRACT No. 44-4167-D
CENTRE 9500 - PARCEL 'C'
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>[Signature]</i> 11-7-03 CHIEF, BUREAU OF UTILITIES DATE	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND <i>[Signature]</i> 12/10/03 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE	GLW GUTSCHICK LITTLE & WEBER, P.A. CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186	DES: MBT DRN: KLP CHK: MBT/CKG DATE: NOV. 2003	COVER SHEET SCALE: AS SHOWN	CENTRE 9500 - PARCEL 'C' AGE-RESTRICTED ADULT HOUSING Plat No. 14213 ELECTION DISTRICT No. 1 CONTRACT No. 44-4167-D	SCALE AS SHOWN SHEET 1 OF 3
--	---	---	---	--------------------------------	---	--------------------------------

GLW FILE #02018/PUB-WAT/FINAL-CS.dwg



- NOTES:**
1. SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS AND WITH DRAWING SDP-03-138.
 2. THE WATER METER FOR EACH BUILDING SHALL BE LOCATED INSIDE THE BUILDING.

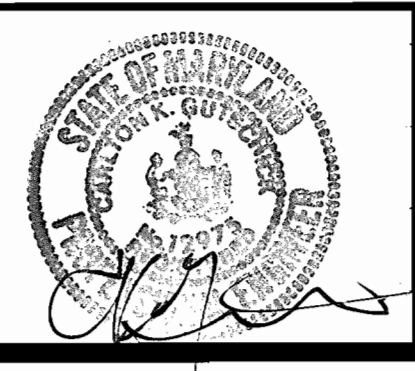
DEPARTMENT OF
PUBLIC WORKS
HOWARD COUNTY, MARYLAND

R. J. Berman 11-7-03
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF
PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

M. J. ... 12/10/03
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GLW GÜTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20866
TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

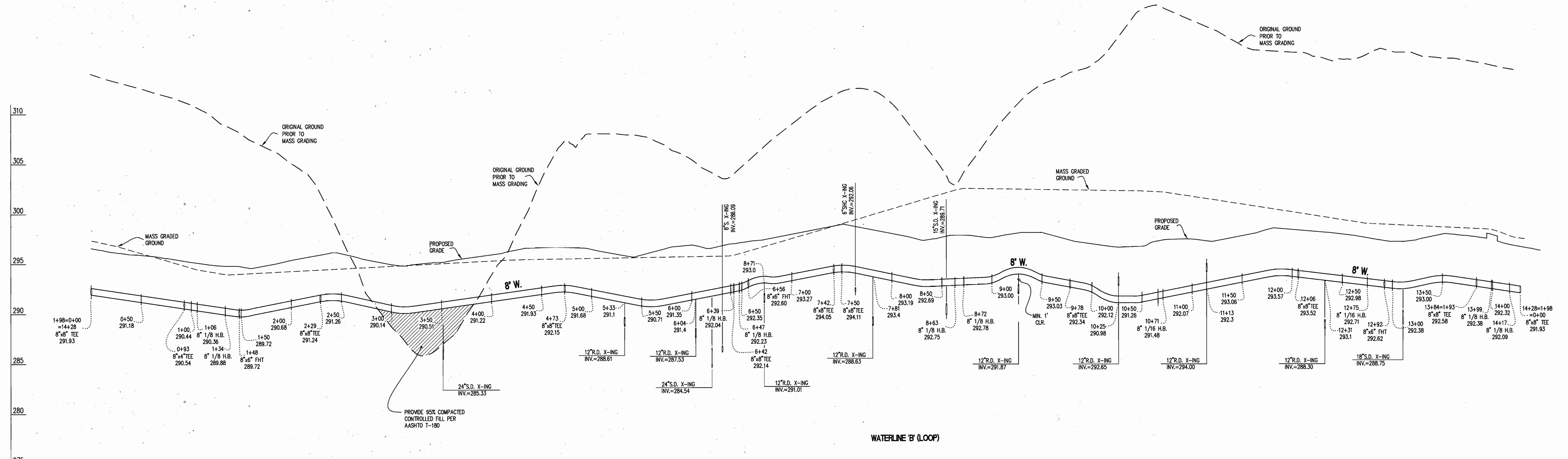
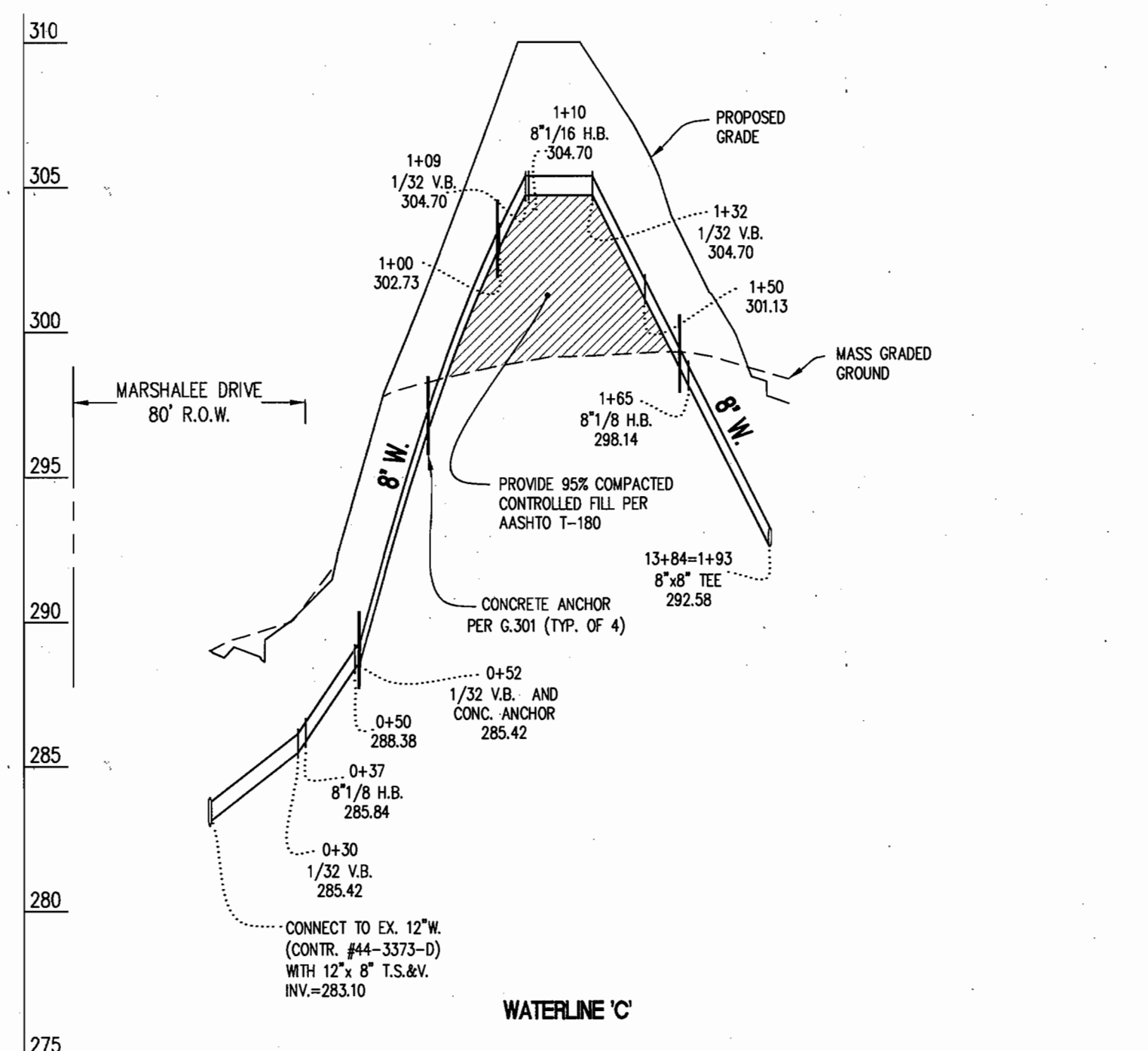
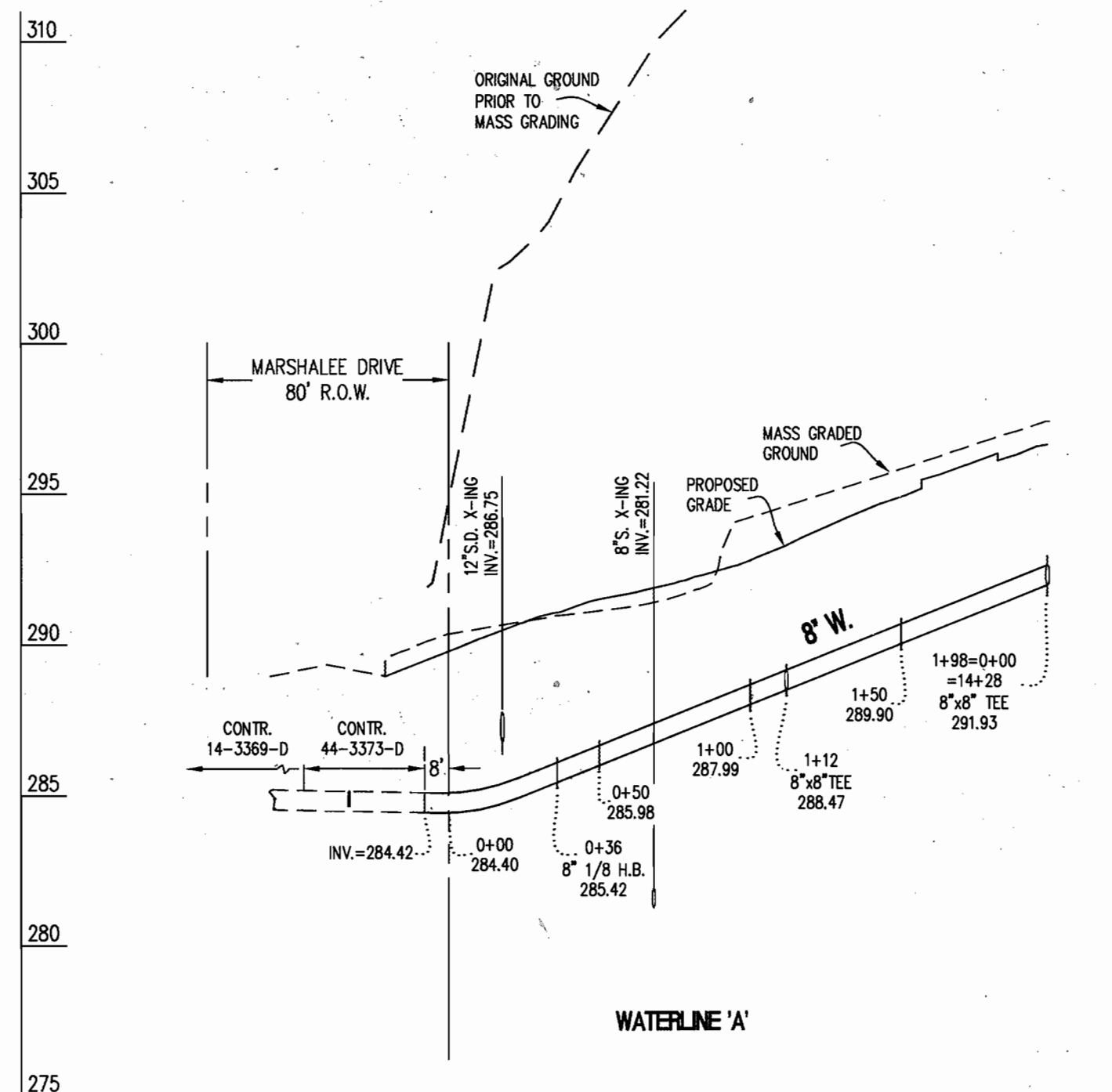


DES: mbt					
DRN: mbt/kjp					
CHK: mbt/ckg					
DATE: NOV, 2003	BY	NO	REVISION	DATE	

WATER EXTENSION PLAN
SCALE: 1" = 50'
600' SCALE MAP NO. 37 BLOCK NO. 19

CENTRE 9500 - PARCEL 'C'
AGE-RESTRICTED ADULT HOUSING
Plat No. 14213
ELECTION DISTRICT NO. 1
CONTRACT No. 44-4167-D

SCALE AS SHOWN
SHEET 2 OF 3



PROFILE SCALE:
 1" = 50' HORIZONTAL
 1" = 5' VERTICAL

GLW FILE #02018\Pub-WAT\FINAL-WAT.dwg

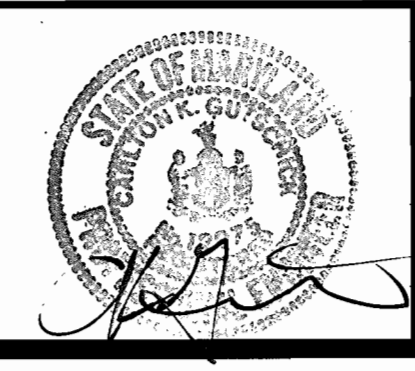
DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

Ruth Beir 11-7-03
 CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND

Michael J. ... 12/18/03
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GLW GUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND 20886
 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186



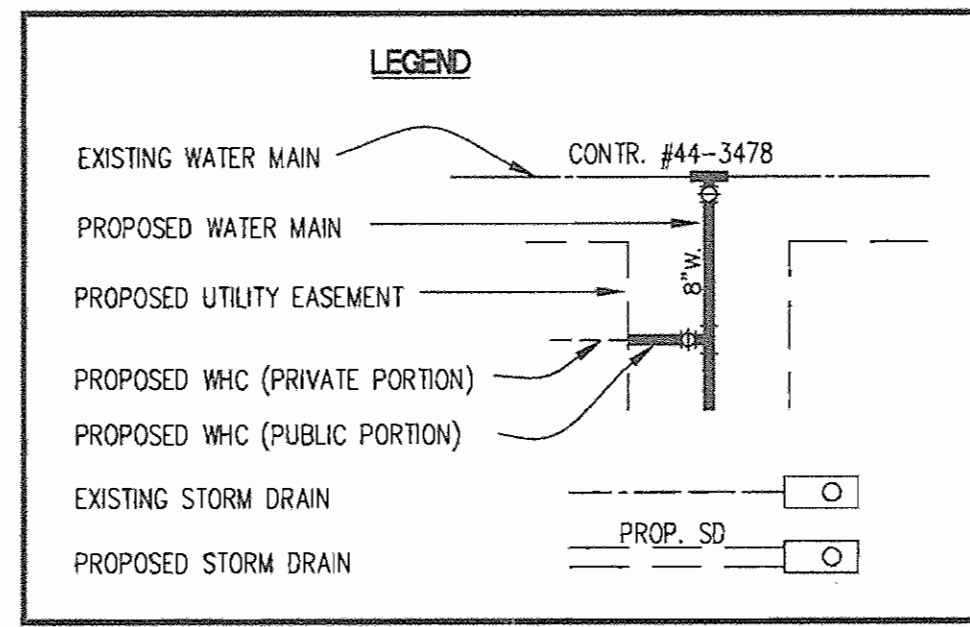
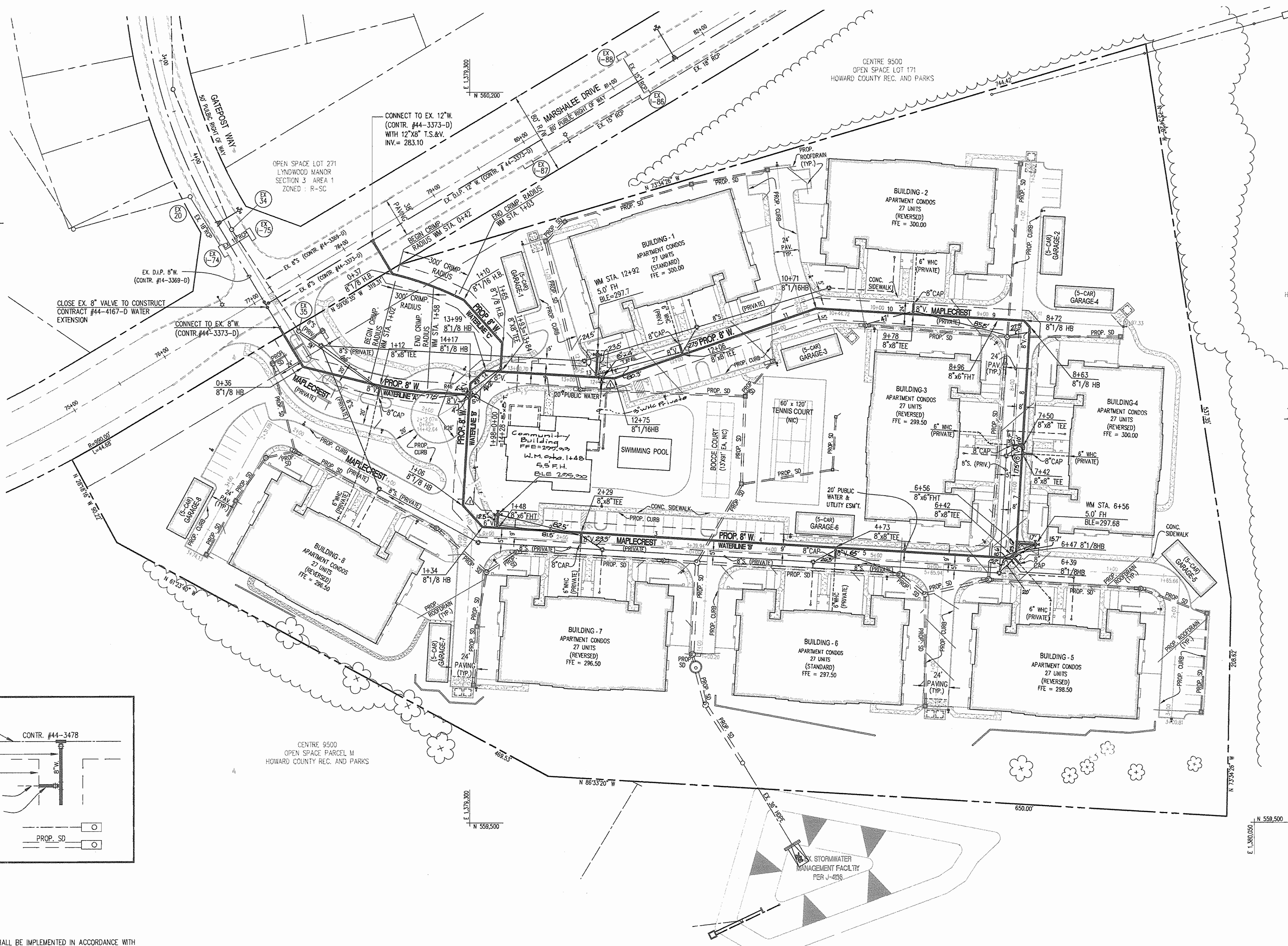
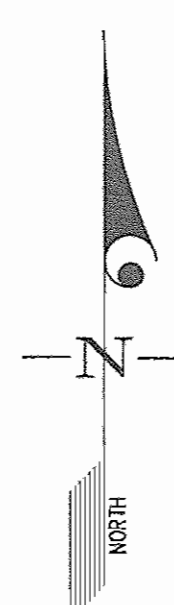
DES: mbt					
DRN: kip					
CHK: MBT/CKG					
DATE: NOV 2003	BY	NO	REVISION	DATE	

WATER PROFILE
 SCALE: 1" = 50' HORZ.
 1" = 5' VERT.

600' SCALE MAP NO. 37 BLOCK NO. 19

CENTRE 9500 - PARCEL 'C'
 AGE-RESTRICTED ADULT HOUSING
 Plat No. 14213
 ELECTION DISTRICT NO. 1
 CONTRACT No. 44-4167-D

SCALE AS SHOWN
 SHEET 3 OF 3



- NOTES:**
1. SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS AND WITH DRAWING SDP-03-138.
 2. THE WATER METER FOR EACH BUILDING SHALL BE LOCATED INSIDE THE BUILDING.

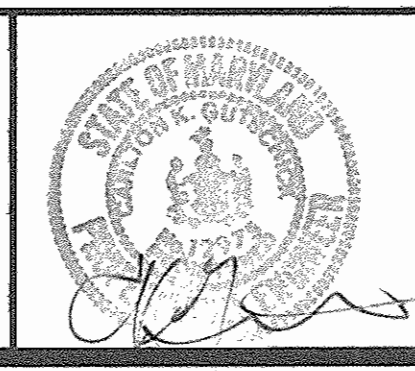
DEPARTMENT OF
PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Ruth... 11-7-03
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF
PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

Mac...
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GLW GUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3009 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20866
TEL: 301-421-4024 FAX: 301-421-4186

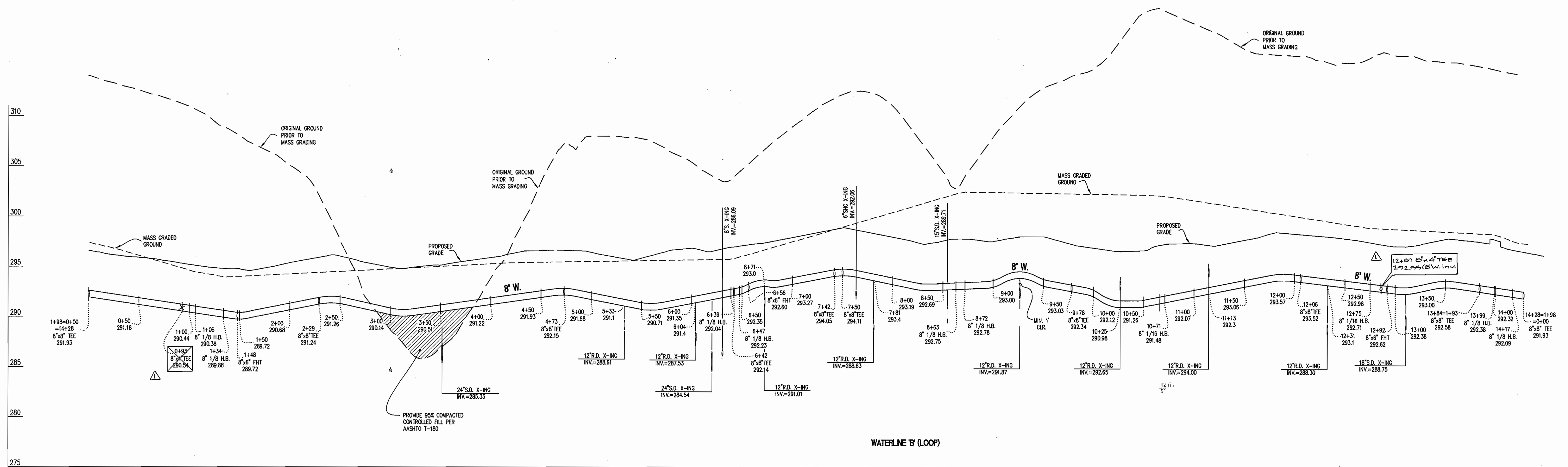
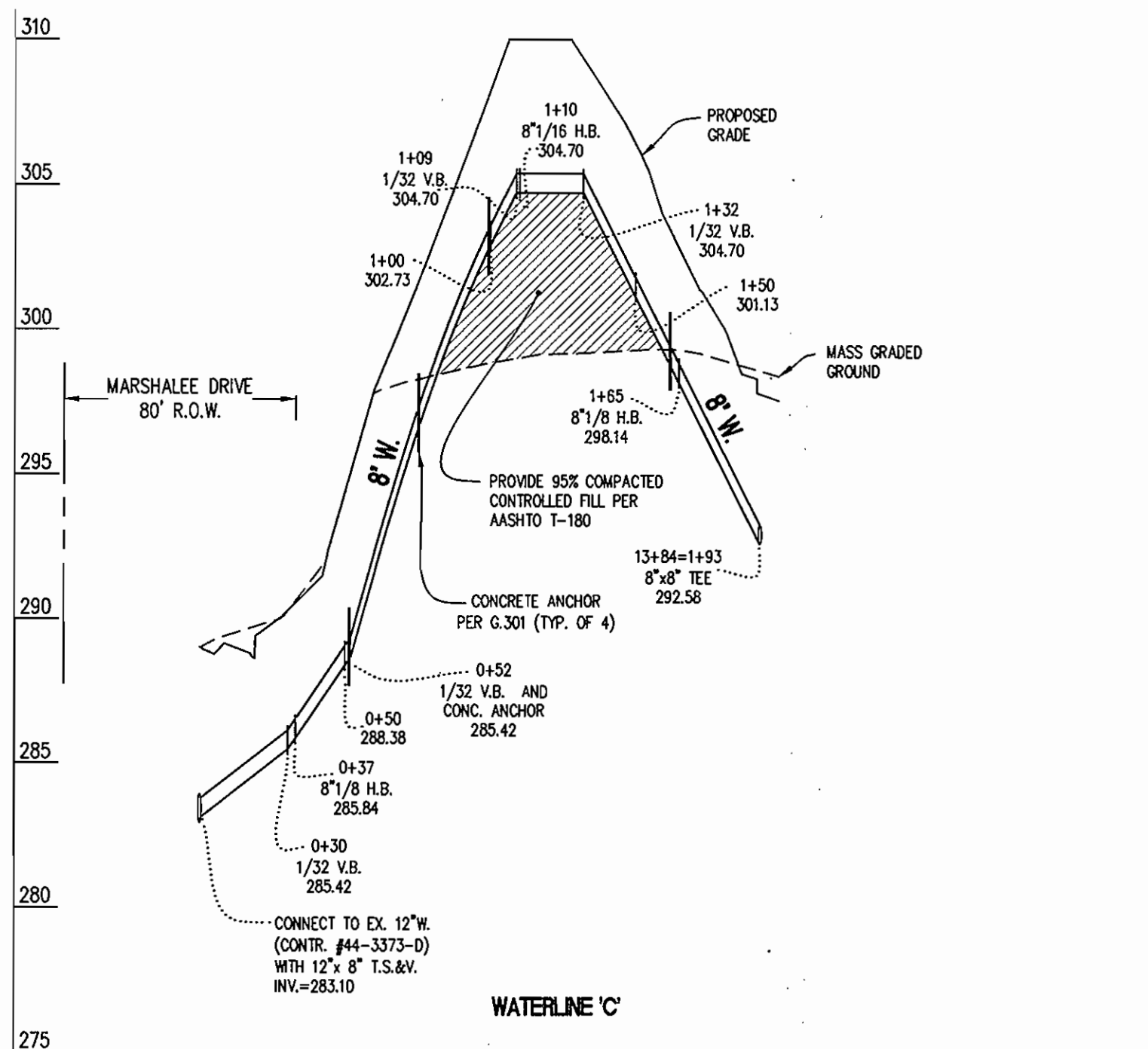
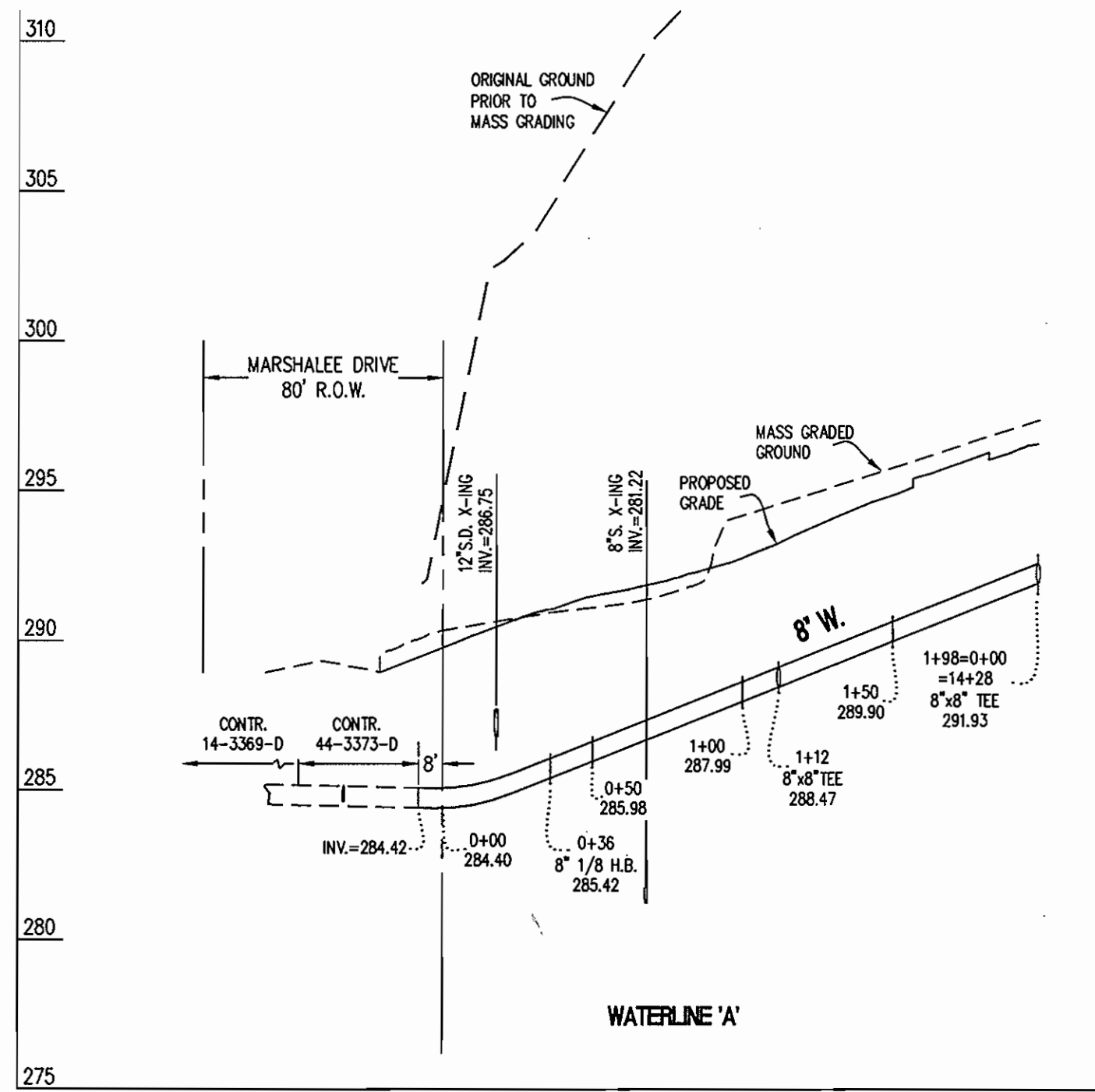


DES: mbt					
DRN: mbt/kfp					
CHK: MBT/CKG	slw	△	Release Community Bldg. WHC From 0203 To 12-03	8/18/03	
DATE: NOV. 2003	KCI	1	AS-BUILT DATA ADDED	5/19/05	
	BY	NO	REVISION	DATE	

WATER EXTENSION PLAN
SCALE: 1" = 50'
600' SCALE MAP NO. 37 BLOCK NO. 19

CENTRE 9500 - PARCEL 'C'
AGE-RESTRICTED ADULT HOUSING
Plat No. 14213
ELECTION DISTRICT NO. 1
CONTRACT No. 44-4167-D

SCALE AS SHOWN
SHEET 2 OF 3



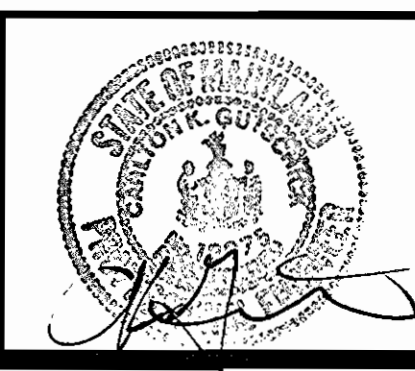
PROFILE SCALE
 1" = 50' HORIZONTAL
 1" = 5' VERTICAL

GLW FILE #02018\Pub-WAT\FINAL-WAT.dwg

DEPARTMENT OF
 PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
Ruth Beier 11-7-03
 CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF
 PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND
Mr. [Signature] 12/10/03
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GLW GUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND 20866
 TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186



DES: mbt					
DRN: KIP					
CHK: MBT/CKG					
DATE: NOV. 2003	BY	NO	REVISION	DATE	
			Relocate 8"x4" T. From 0+99 to 12+87	8/10/05	

WATER PROFILE
 SCALE: 1" = 50' HORZ.
 1" = 5' VERT.
 600' SCALE MAP NO. 37 BLOCK NO. 19

CENTRE 9500 - PARCEL 'C'
 AGE-RESTRICTED ADULT HOUSING
 Plot No. 14213
 ELECTION DISTRICT NO. 1
 CONTRACT No. 44-4167-D

SCALE AS SHOWN
 SHEET 3 OF 3