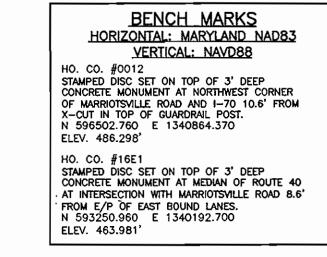
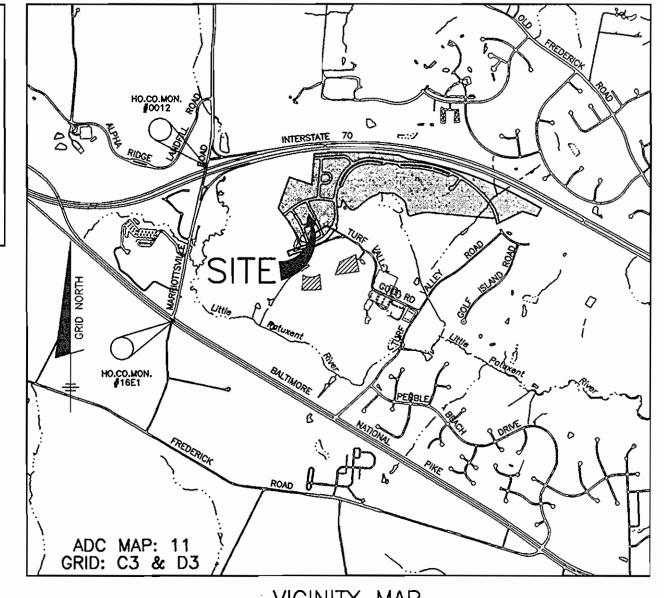
VILLAGES AT TURF VALLEY CONTRACT NO. 20-4489-D





VICINITY MAP
SCALE: 1" = 2000'

N 597,000		N 597,000 N 597,000
,256	Minor.	2,7
¥ 6	FUTURE SPORTSMAN LOOSE ROAD FUTURE RESONT ROAD	<u></u>
	PARCEL B.	
PARCEL 15	5 SITE	PAGE TO THE PAGE T
	SHEET	PARCEL TO SHIP OF THE
1	STREET 2	
	SHEET 2	
Take Same		
		The same same same same same same same sam
	PARCEL D	
	The second secon	
, 2		
5	PARCEL PA	
\ .		
? \ ·		
7 /	PARCEL 8	PARCEL
7)	PARCEL E PARCELOA	
12 / 150	THE COLUMN TO TH	
	PARCEL C	
	The state of the s	CONUMPO C
520		The state of the s
341,		
N 592,000		
		HONEARD COLUMN PARKS AND PRINTED TO THE PARKS AND PARKS

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED

IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY STANDARD

SPECIFICATIONS AND AS PER THESE CONTRACT DRAWINGS.

P:\1915\dwg\6046-Phase1-sheet1.dwg, 8/6/2007 8:20:26 AM

OWNER/DEVELOPER: MANGIONE ENTERPRISES AT TURF VALLEY, LP 1205 YORK ROAD, PENTHOUSE LUTHERVILLE, MARYLAND 21093 410-825-8400

(FOR COUNTY USE ONLY) WATER AND SEWER COUNTY CODE WATER CODE: HO6 SEWER CODE: 5992000 TEST GRADIENT: 630W	TYPE OF BUILDING:
---	-------------------

LOCATION MAP SCALE: 1" = 600'

SHEET INDEX		
NO.	DESCRIPTION	
1	TITLE SHEET PUBLIC SEWER MAINS	
2	PLAN VIEW OF PUBLIC SEWER MAINS	
3	PLAN VIEW OF PUBLIC SEWER MAINS	
4	PROFILES OF PUBLIC SEWER MAINS	
5	PROFILES OF PUBLIC SEWER MAINS	
6	SEDIMENT AND EROSION CONTROL PAN PUBLIC SEWER MAINS	
7	SEDIMENT AND EROSION CONTROL PAN, NOTES AND DETAILS PUBLIC SEWER MAINS	

200 SCALE MAP: 146

GENERAL NOTES

PART I - GENERAL

TOPOGRAPHIC FIELD SURVEYS WERE PERFORMED IN FEBRUARY, 2003 BY BENCHMARK

3. THE COORDINATES SHOWN ON THE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM NAD '83/'91 AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS N). 0012 AND NO. 16E1.

4. ALL VERYICAL CONTROLS ARE BASED ON NAVO '88. VERTICAL CONTROLS PROVIDED ON

5. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS. 6. 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 LRAWINGS. 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 MONIES OWED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.

7. FOR DETAILS NOT SHOWN ON THE DRAWING, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL VOLUME BY, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTO SHALL HAVE A COPY OF VOLUME IV ON THE JOB.

8. 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 DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE.

9. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

~~····································		
BGE (CONSTUCTION SERVICES)	410-850-4	1620
BGE (EMERGENCY)		
BUREAU OF UTILITIES		
COLONIAL PIPELINE CO	410-795-	1390
MISS UTILITY	1-800-257-	7777
STATE HIGHWAY ADMINISTRATION	410-531-	5533
VERIZON1-800-74		

10. 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.

11. THE CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID

12. 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 DR HOUSE CONNECTIONS. THE PPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(a) OF THE HOWARD COUNTY CODE.

PART III - SEWER

- 1. ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.
- 2. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- 3. FORCE MAINS SHALL BE D.I.P. ONLY.
- 4. MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY. 5. MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVER, STANDARD DETAIL G5.52. WHERE WATERTIGHT MANHOLE FRAMES AND COVERS
- ARE USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.

6. HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT CELLAR CANNOT BE SERVE. .

SCALE: AS SHOWN

TAX MAP: 16 GRID: 17 PARCEL: 8 ZONED: PGCC CONTRACT NO. 20-4489-D

DEPARTMENT OF PUBLIC WORKS DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND HOWARD COUNTY, MARYLAND

QUANTITIES

1516 LF

17 EA

MANHOLES 17 EA 17
VERT. FEET OF MANHOLES 180 FT
NAME OF UTILITY CONTRACTOR: CCS, INC.
SURVEY AND DRAFTING DIVISION AS-BUILT DATE:

QUANTITIES TYPE MANUF./SUPPLIER

PRECAST CONCRETE ATLANTIC CONCRETE

GRIFFIN PIPE PROD.

NORTHAMERICAN FERGUSON GRIFFIN PIPE PROD.

BENCHMARK | ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 ELLICOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 FAX: 410-465-6644 www.bei-civilengineering.com

Professional Certification Thereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer mider the laws of the State of Maryland, License No. 21443, Expiration Date: DRÁFT: DBT

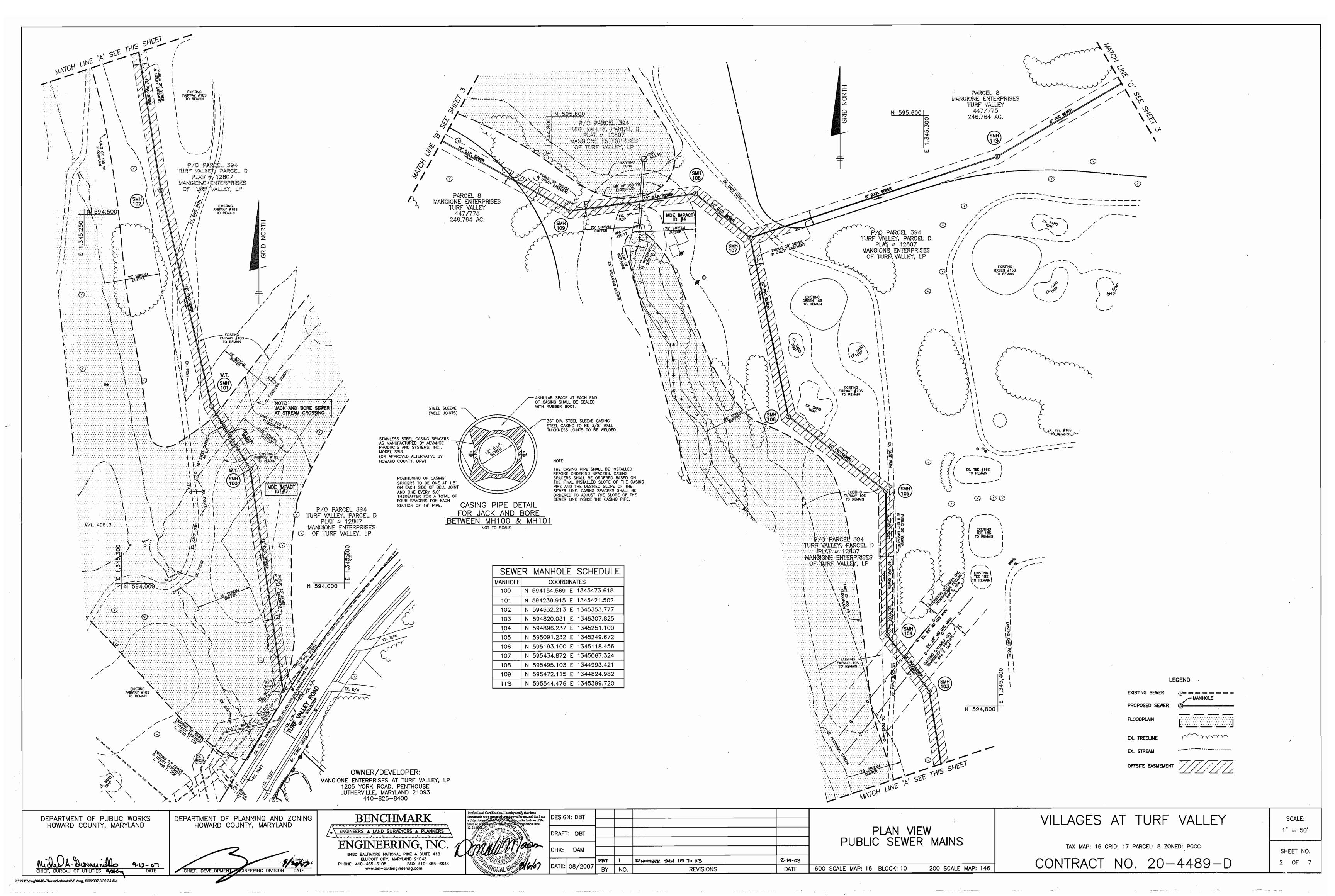
DESIGN: DBT AS-BUILT DATA ADDED DBT 2 REVISE QUANTITIES BASED ON RELOCATION OF SMH 115 \$ 116 2-19-09 DBT 1 DELETE SEWER FROM SMH HZ TO 114, DELETE SMH 113 \$ 114 2-14-08

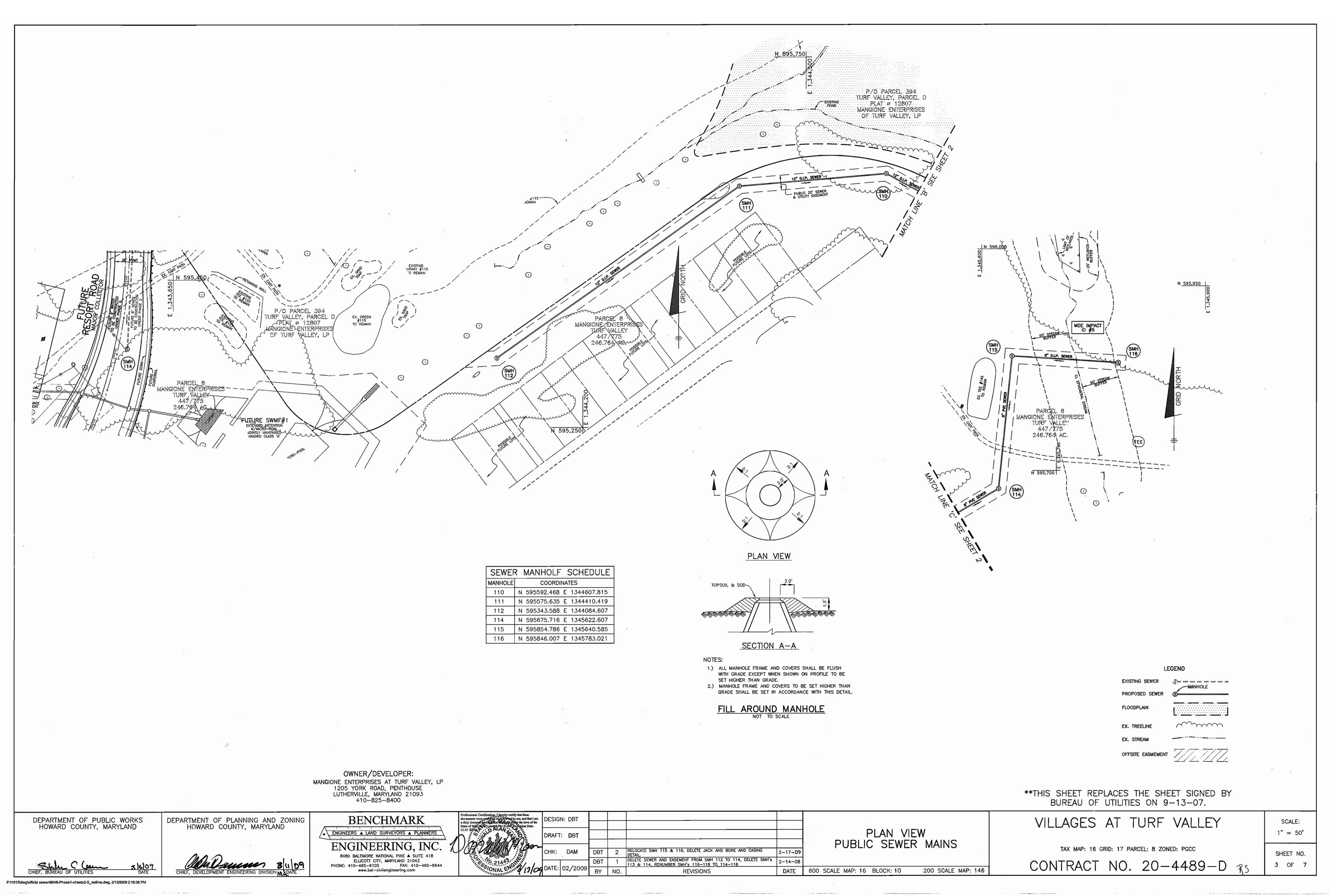
TITLE SHEET PUBLIC SEWER MAINS

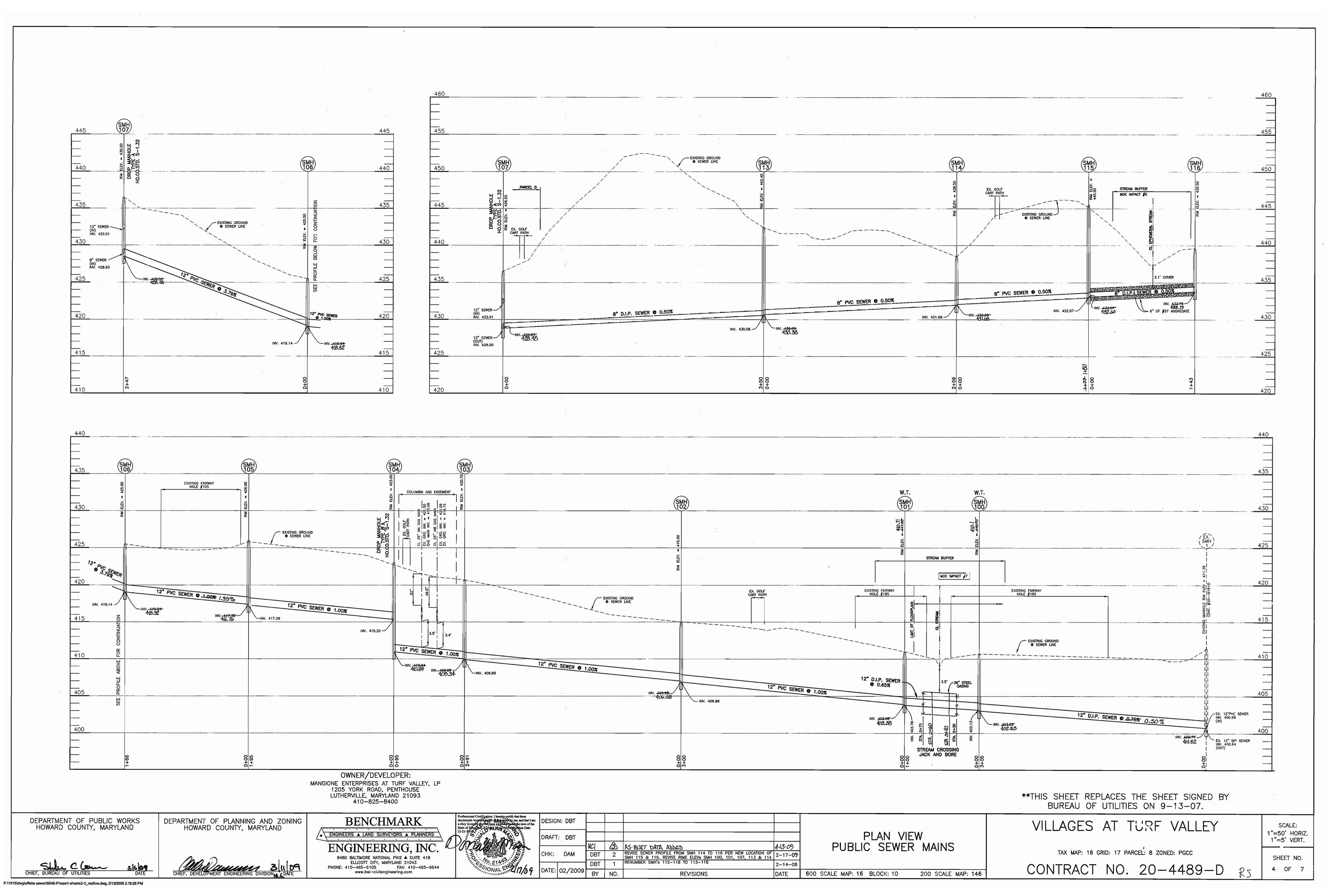
600 SCALE MAP: 16 BLOCK: 10

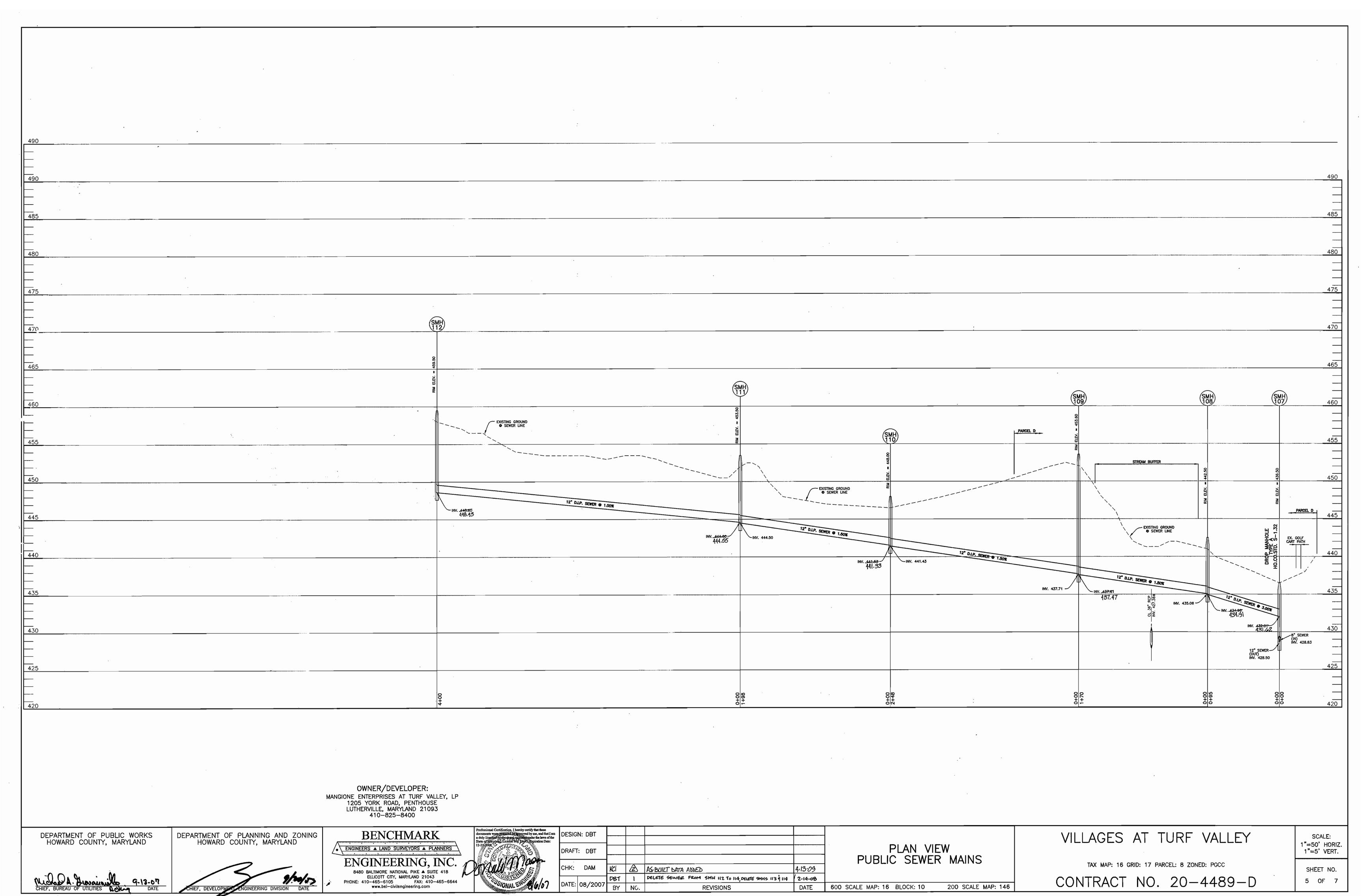
VILLAGES AT TURF VALLEY

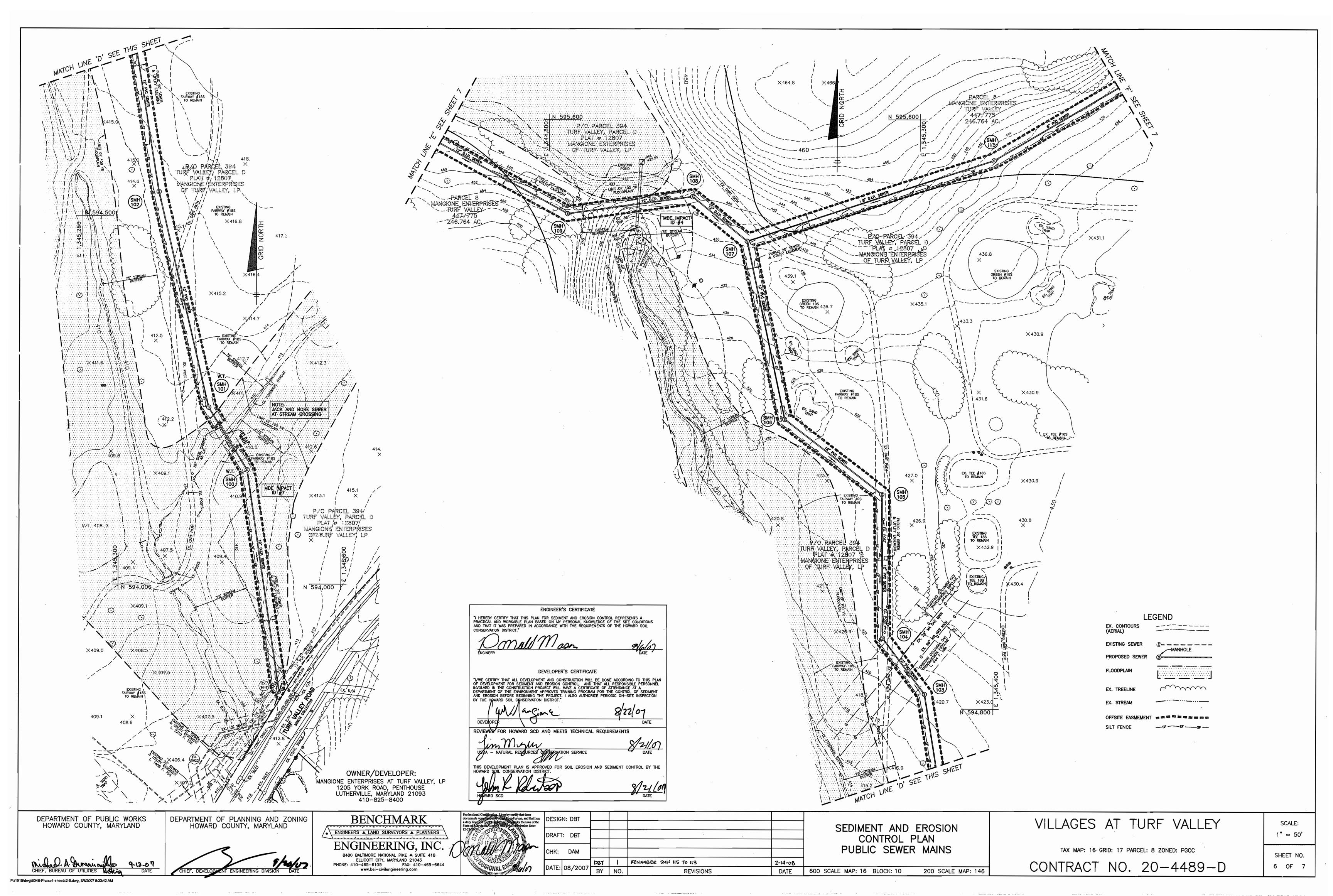
SHEET NO. 1 OF 7











SEDIMENT CONTROL NOTES

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION, (313-1850).
- 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 SPECIFICATION FOR SOIL EROSION AND SEDIMENT
- TIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY
 SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL
 JIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL
 TR. THAN 3:1, B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED STABILIZA
- ALL SEDIME! RAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THE IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DEAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 51) SOD (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- AL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE M NTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS

BE IN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

SITE ANALYSIS:

TOTAL AREA OF SITE	NA	_ ACRES
AREA DISTURBED	1.90	_ ACRES
AREA TO BE ROOFED (R PAVED	0.00	_ ACRES
AREA TO BE VEGETATIVELY STABILIZED	1.90	_ ACRES
TOTAL CUT	NA	_ CY
TOTAL FILL	NA	CY
OFFSITE WASTE AREA LOCATION	NA	_ •.

- 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 MA: 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 WH. TH CAN BE BACK FILLED AND STABSUZED WITHIN ONE WORKING DAY,

TLW 'ORARY SEEDBED PREPARATIONS

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER COEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL ALIENTMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT). SEEDING: FOR PERIOD M 30H 1 THROUGH APRIL 30 AND FROM AUGUST 15 THROUGH NOVEMBER 15, SEED WITH -1/2 B HELS PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ FT). FOR THE PERIOD MAY 1 % ROUGH AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS/1000 SC TT). FOR THE PERIOD NOVEMBER 16 THROUGH FEBRUARY 28, PROTECT

SITE BY APPLYING . TON PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE PRING, OR USE SOD. MULCHING: AP _Y 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTTED SMALL GRAIN S'IR. . IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

FT) OF EMULSIFIED AMPHALT ON FLAT AREAS. ON SLOPES, 8 FT. OR HIGHER, USE 348

PERMANENT SEEDBED PREPARATIONS

SEEOBED PREPARATION: LODSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED. SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ON OF THE FOLLOWING

- REFERRED APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0- UREAFORM FERTILIZER
- ACCEPTABLE APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEO NG: FOR THE PERIODS MARCH 1 THROUGH APRIL 30 AND AUGUST 1 THROUGH OCTOBER 15, 'LEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ FT) OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.05 LBS/1000 SQ FT) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOD. OPTION (3) SEED WITH 60 LBS PER ACRE OF KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE OF WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/10DO SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/10DO SQ FT) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND

LEGEND

2202115				
EX. CONTOURS (AERIAL)				
EXISTING SEWER	③= = = = = = = = = = = = = = = =			
PROPOSED SEWER	\$			
FLOODPLAIN				
EX. TREELINE	~~~~~			
EX. STREAM				

OFFSITE EASMEMENT

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND

> ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE A SUITE 418 ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105

TOPSOIL SPECIFICATIONS

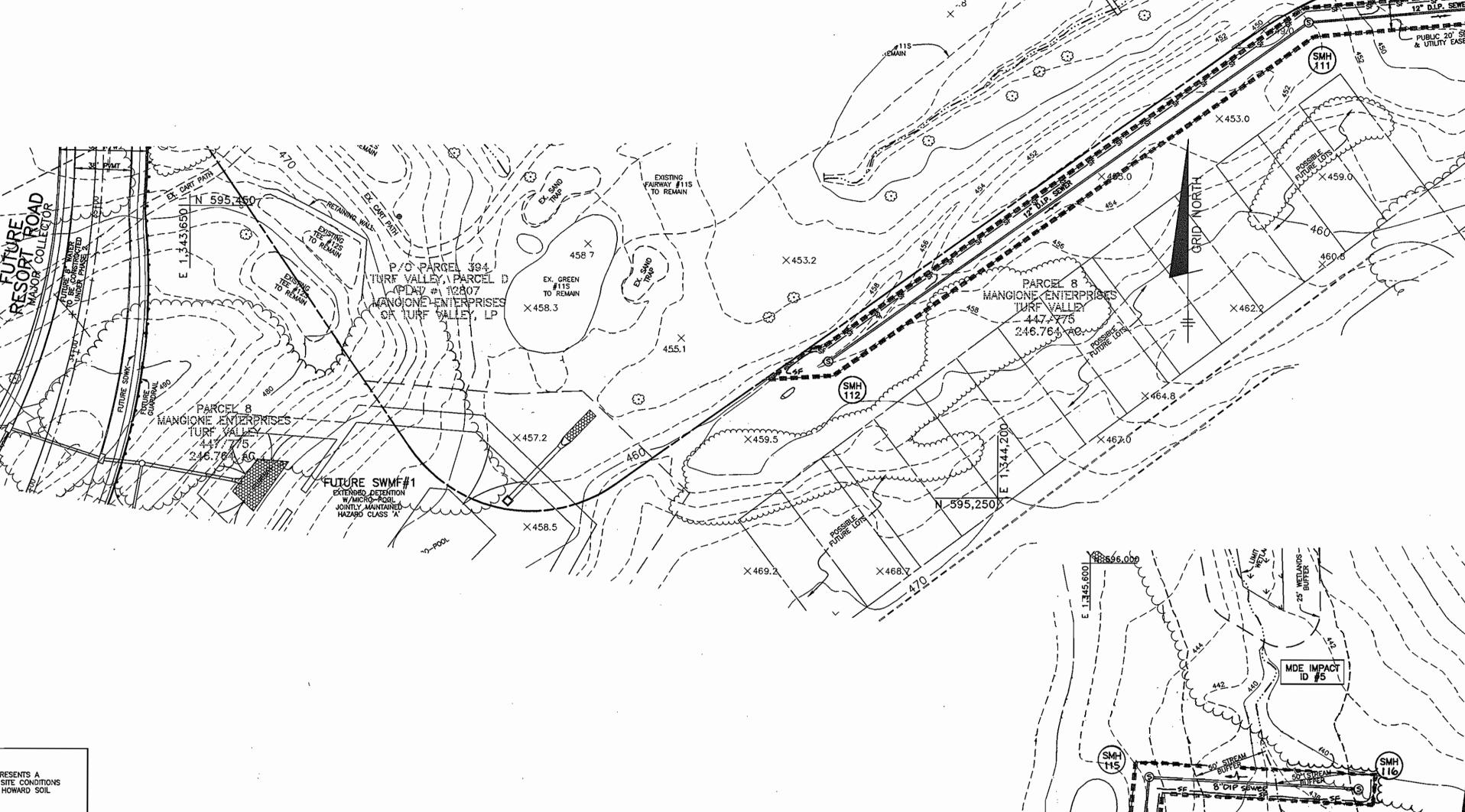
- Topsoil salvoged from the existing site may be used pravided that it meets that standards as set forth in these specifications. Typically, the depth of topsoil to be salvoged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-SCS in coapsration with Maryland Agricultural Experimental Station.
- II. 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 loom, loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval outhority. Regardless, topsoil shall not be a mixture of contrasting texture subsoils and shall contain less than 5% by valume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than $1-1/2^*$ in diameter.
 - li. Topsoil must be free of plants or plant ports such as Bermuda grass, quack 🤈 🕳s, Johnson grass, nutsedge, paison ivy, thistle, or others as specified.
- iii. Where the subsoil is either highly acidic or composed of heav, clays, ground limestone shall be spread at the rate of 4—8 tons/ocre (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.
- III. For sites hoving disturbed areas under 5 acres:
- Place topsoil (if required) and opply soil amendments as specified in 20.0 Vegetative Stabilization Section I Vegetative Stabilization Methods and
- V. For sites having disturbed oreos over 5 acres:
 - On sail meeting Topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following:
 - a. pH for topsoil shall be between 6.0 and 7.5. If the tested soil demonstrates o pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher.
 - b. Organic content or topsoil shall be not less than 1.5 percent by weight.
 - Topsoil having soluble salt cantent greater than 500 parts per million shall not be used.

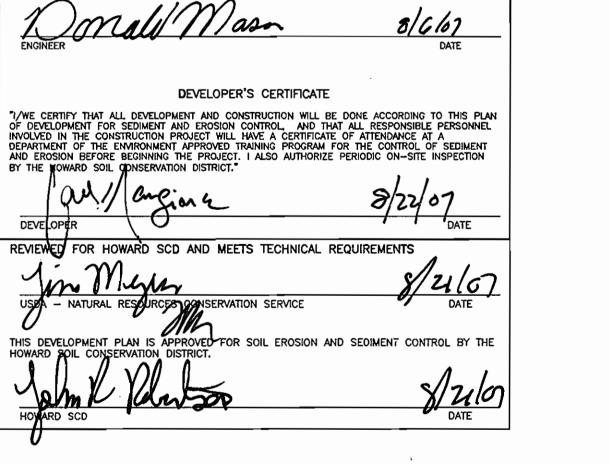
d. No sod or seed shall be placed on soil which has been treated with soil sterilants or chemicals used for weed control until sufficient time has elopsed (14 doys min.) to permit dissipation of phyto—toxic materials.

- Note: Topsoil substitutes or amendments, as recommended by a qualified agranomist asil scientist and approved by the appropriate approval authority, may be used in lieu of actural topsoil
- Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization Section 1 Vegetative Stabilization Methods and Topsoil Application
- When tapsailing, maintain needed erosion and sediment control practices suct, 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, albeit 4" 8" higher in elevation.
- iii. Topsoil shall be uniformly distributed in a 4" -- 8" loyer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sodding ar seeding can proceed with a minimum of additional sail preparation and tillage. Any irregularities in the surface resulting from topsailing or other operations shall be carrected in order to prevent the formation of depressions or water pockets.
- iv. Tapsail shall not be placed while the tapsail ar subsoil is in a frozen or muddy condition, when the subsoil is excessively wet or in a condition that may atherwise be detrimental to proper grading and seedbed preparation.
- VI. Alternative for Permanent Seeding Instead of applying the full amounts of lime and commercial fertilizer, composted studge and amendmente may be applied as specified below:
- Composted Sludge Material for use as a soll conditioner for sites having distributed areas over 5 acres shall be tested to prescribe amendments and far sites having disturbed areas under 5 acres shall canfarm to the fallowing requirements:
- a. Composted sludge shall be supplied by, or originate from, a person or persons that are permitted (at the time of acquisition of the compast) by the Maryland Department of the Environment under COMAR 26.04.06.
- b. Composted sludge shall contain at least 1 percent nitrogen, 1.5 percent phosphorus, 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.
- c. Camposted siudge shall be opplied at a rate of 1 ton/1,000 square feet. Composted studge shall be amended with a potassium fertilizer applied at the rate of 4 lb/1,000 square feet, and 1/3 the narmal lime application rate. References: Guidelines Specifications, Soil Preparation and Sodding. MD-VA, Pub. #1, Caoperative Extension Service, University of Maryland and Virginia Polytechnic Institutes, Revised 1973.

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- 2. INSTALL SILT FENCING.
- 3. INSTALL SEWER MAINS. LIMIT CONSTRUCTION TO WHAT CAN BE BACKFILLED AT THE END OF EACH DAY.





best of securived by me, and that I am essional on phoses under the laws of the icomes No. 21442 Parameters Details

DESIGN: DBT

DRAFT: DBT

CHK: DAM

BY

NO.

OWNER/DEVELOPER: MANGIONE ENTERPRISES AT TURF VALLEY, LP 1205 YORK ROAD, PENTHOUSE LUTHERVILLE, MARYLAND 21093 410-825-8400

BENCHMARK

www.bei-civilengineering.cam

FAX: 410-465-6644

ENGINEERS & LAND SURVEYORS & PLANNERS

ENGINEER'S CERTIFICATE

DEVELOPER'S CERTIFICATE

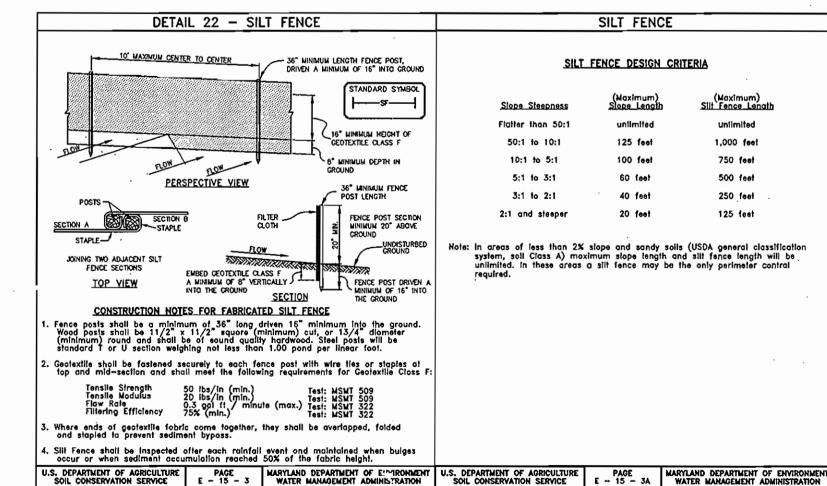
angion &

- NATURAL RESOURCES CONSERVATION SERVICE

In Myer

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS

"I HEREBY CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION 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



REVISE LOCATION OF SMH 115 AND 116

RENUMBER SMH'S 116-118 TO 114-116

DELETE SEWER FROM SMH 112 TO 114, DELETE SMH'S 113 \$ 114

REVISIONS

2-19-09

2-14-08

DATE

SEDIMENT AND EROSION CONTROL PLAN, NOTES & DETAILS PUBLIC SEWER MAINS

200 SCALE MAP: 146

600 SCALE MAP: 16 BLOCK: 10

VILLAGES AT TURF VALLEY

⊕,

MANGIONE ENTERPRISED

N 595,700

 \times 432.9

 \times 433.3

VALLEY

7.4775

443.1

P/O PARCEL 394

TURF VALLEY, PARCEL D

PLAT # 12807

MANGIONF FNIERPRISES

OF TUKE VALLEY, LP

TAX MAP: 16 GRID: 17 PARCEL: 8 ZONED: PGCC

CONTRACT NO. 20-4489-D

SCALE: 1" = 50'

SHEET NO. 7 OF 7

×434.5

P:\1915\dwg\6048-Phase1-sheets2-5.dwg, 8/6/2007 8:34:06 AM

SILT FENCE