SEWER MAIN EXTENSION

TURF VALLEY VILLAS

District PGCC

3rd ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT NO. 20-3331-D

		OU	ANTITIFS	
ITEM	QUANTITIES AS-BUILT			
ITEM	EST'D	QUANTITIES	TYPE	SUPPLIER/MANUFACTURER
8" PVC	1160 L.F.	1160 LF	SOR 35 HUCPHE	MUNE COTTES SALES INC.
MANHOLE	4 EACH	4 EA.	4'4 1- ASTMC4	B ATLANTIC CONC. PROPY, ENC.
NAME OF UTIL	ITY CONTRACT	OR:	GAINES \$ 40	
TANKE OF OTHER TOOK TANK				
			CHECKBOX:	
			AS-BUILT DATE:	
			SURVEY AND	DRAFTING DIVISION

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY DESIGN MANUAL AND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS AND ALSO AS SHOWN ON THE GRADING

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION

US. SOIL CONSERVATION SERVICE

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

CONSERVATION DISTRICT

DEPARTMENT OF PUBLIC WORKS

3300 North Ridge Road, Suite 235, Ellicott City, Maryland 21043-3350 (410) 461-0078 D.C. Metro No. (301) 621-5768

MWZ 3 REVISED PER DPW REDLINES MWZ 2 REVISED PER DRW COMMENTS/SHEMITTED FOR SIGNATURES G17/04 SUBMITTED TO DPW DATE: 5/10/24 REVISION

TITLE SHEET

BLOCK NO. _

GENERAL NOTES

- 1. APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- 2. ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
- 3. ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATUM.
- 4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- 5. CLEAR ALL UTILITIES BY MINIMUM OF 6". CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL AS REQUIRED. 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 MONEY OWNED THE CONTTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
- 6. FOR DETAILS NOT SHOWN ON THE DRAWINGS, 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.
- 7. 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.
- 8. CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

STATE HIGHWAY ADMINISTRATION: 531-5533 BALTIMORE GAS & ELECTRIC CO.-CONTRACTOR SERVICES: 850-4620 BALTIMORE GAS & ELECTRIC CO. UNDERGROUND DAMAGE CONTROL: 787-9068 BALTIMORE GAS & ELECTRIC CO. TROUBLE SHOOTING: 298-9001 MISS UTILITY: 1-800-257-7777 COLONIAL PIPELINE COMPANY: 795-1390 BUREAU OF UTILITIES, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS: 313-4900

9. 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.

C & P TELEPHONE COMPANY: 1-800-257-7777

- 10. 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.
- 11. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410) 313-2450 AT LEAST FIVE WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING/JACKING OPERATION IN COUNTY ROADS 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.
- 12. SURVEY CONTROL IS BASE ON THE NAD'27 MARYLAND COORDINATE SYSTEM AS PROJECTED BY THE FOLLOWING HOWARD COUNTY GEODETIC CONTROL STATIONS:

NO. 3440001: N 534735.478 ELEV: 486.341

E 836286.297

NO. 3440002: N 533593.800 E 837983.249

ELEV: 462.306

SEWER NOTES

- 1. ALL SEWER MAINS SHALL BE D.I.P., R.C.P., V.C.P.X., R.C.C.P., AND P.V.C. UNLESS OTHERWISE NOTED.
- 2. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE
- 3. FORCE MAINS SHALL BE D.I.P. ONLY.
- 4. MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES
- 5. MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATER-TIGHT FRAME AND COVERS STANDARD DETAIL G5.52. WHERE WATERTIGHT MANHOLE FRAME AND COVER IS 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 SERVED.



TURF VALLEY VILLAS DISTRICT PGCC Block No. 16, Tax Map 16 CONTRACT NO. 20-3331-D ELECTION DISTRICT NO. 3 HOWARD COUNTY, MARYLAND

AS-BUILT 3/6/95

AND SEDIMENT CONTROL PLAN DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

SHEET INDEX

SEWER MAIN PROFILE

SEWER MAIN EXTENSION PLAN

TITLE SHEET

DESCRIPTION

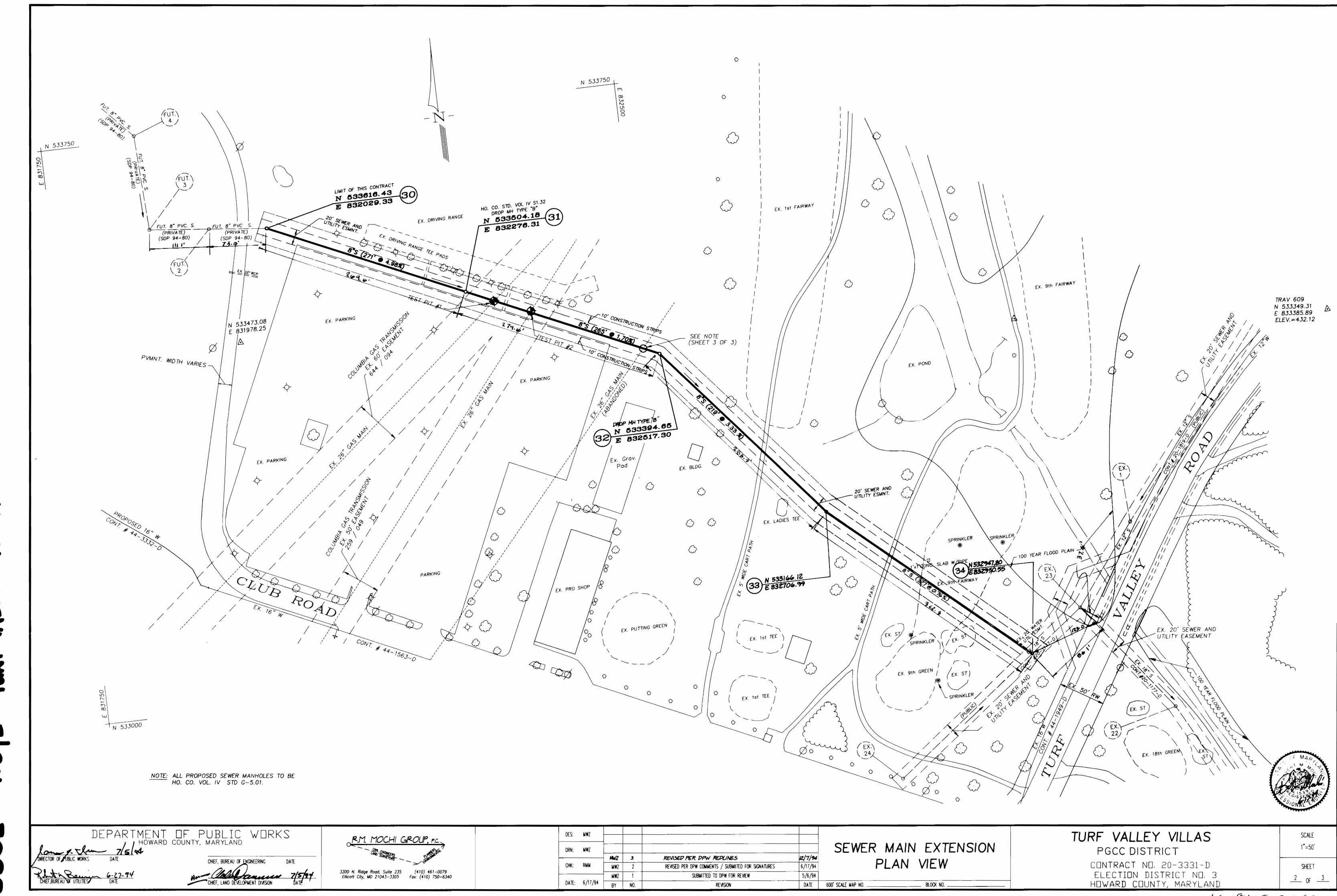
PLAN REFERENCE NUMBERS S-90-15 S-86-13 WP - 90 - 32FDP PGCC-2/PGCC-3 SDP-94-80

Turf Valley DISTRICT PGCC **(**344000) -SDP 94-80 EX. 18" S -(CONT. # 20 -1177-D) PGCC-1 SUBDISTRICT VICINITY SCALE: 1" = 600'WATER CODE N/A TYPE OF BUILDING : EXECUTIVE SUITE (RENTAL) NO. OF PARCELS : 1

TREATMENT PLANT : PATAPSCO VIA ROUTE 108 PUMPING STATION

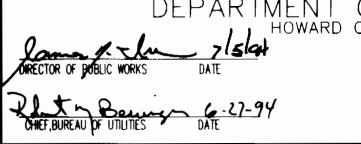
600' SCALE MAP NO. .

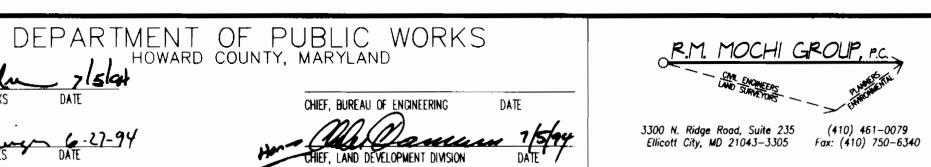
NO. OF SHC DRAINAGE AREA : LITTLE PATUXENT



ext.

Sewer





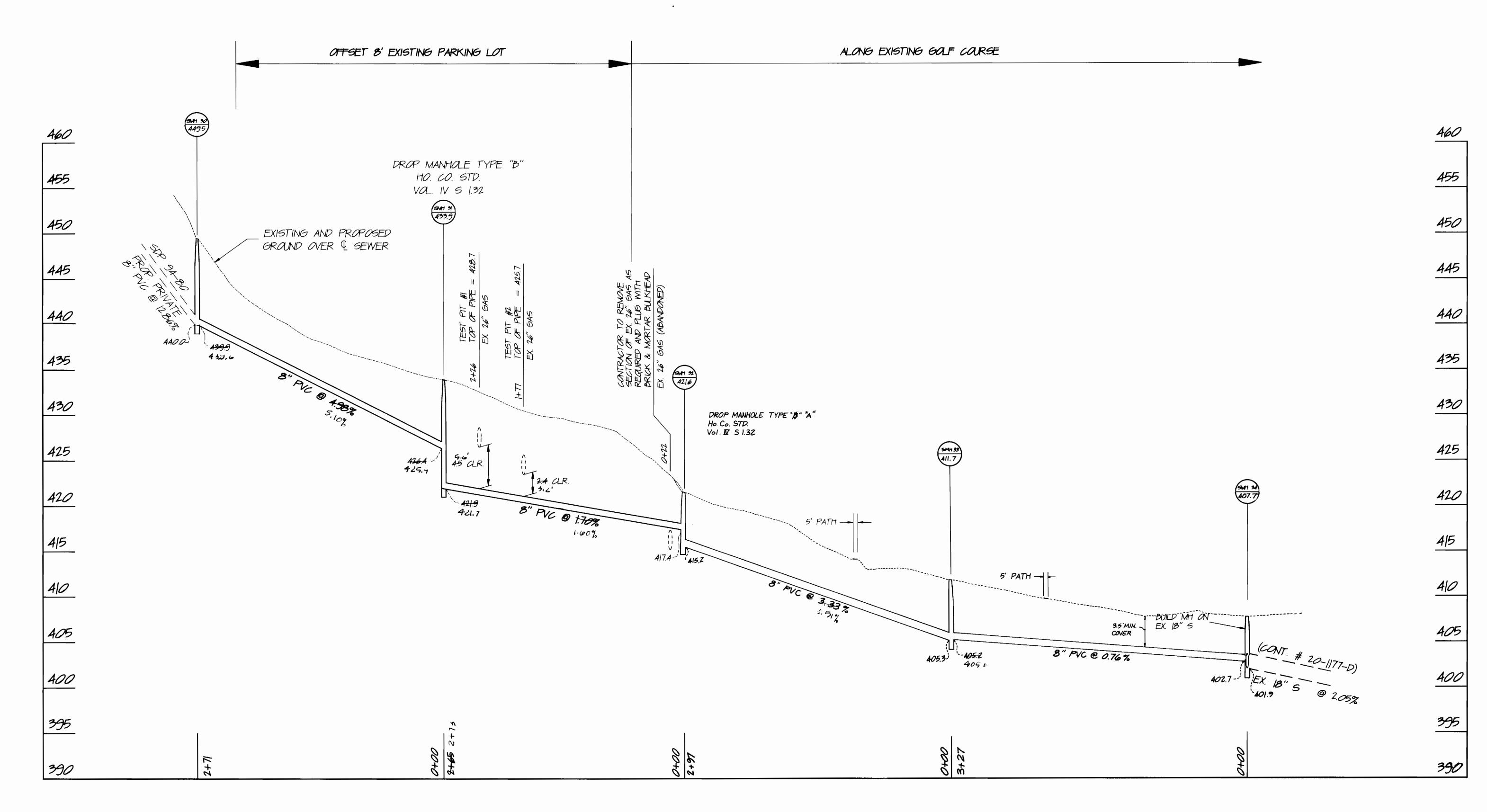
DES: MWZ DRN: MWZ REVISED PER DPW REDLINES 6/17/94 5/6/94 REVISED PER DPW COMMENTS / SUBMITTED FOR SIGNATURES SUBMITTED TO DPW FOR REVIEW DATE: 6/17/94 BY NO. DATE 600' SCALE MAP NO. . REVISION

SEWER MAIN EXTENSION PROFILE

_ BLOCK NO. _

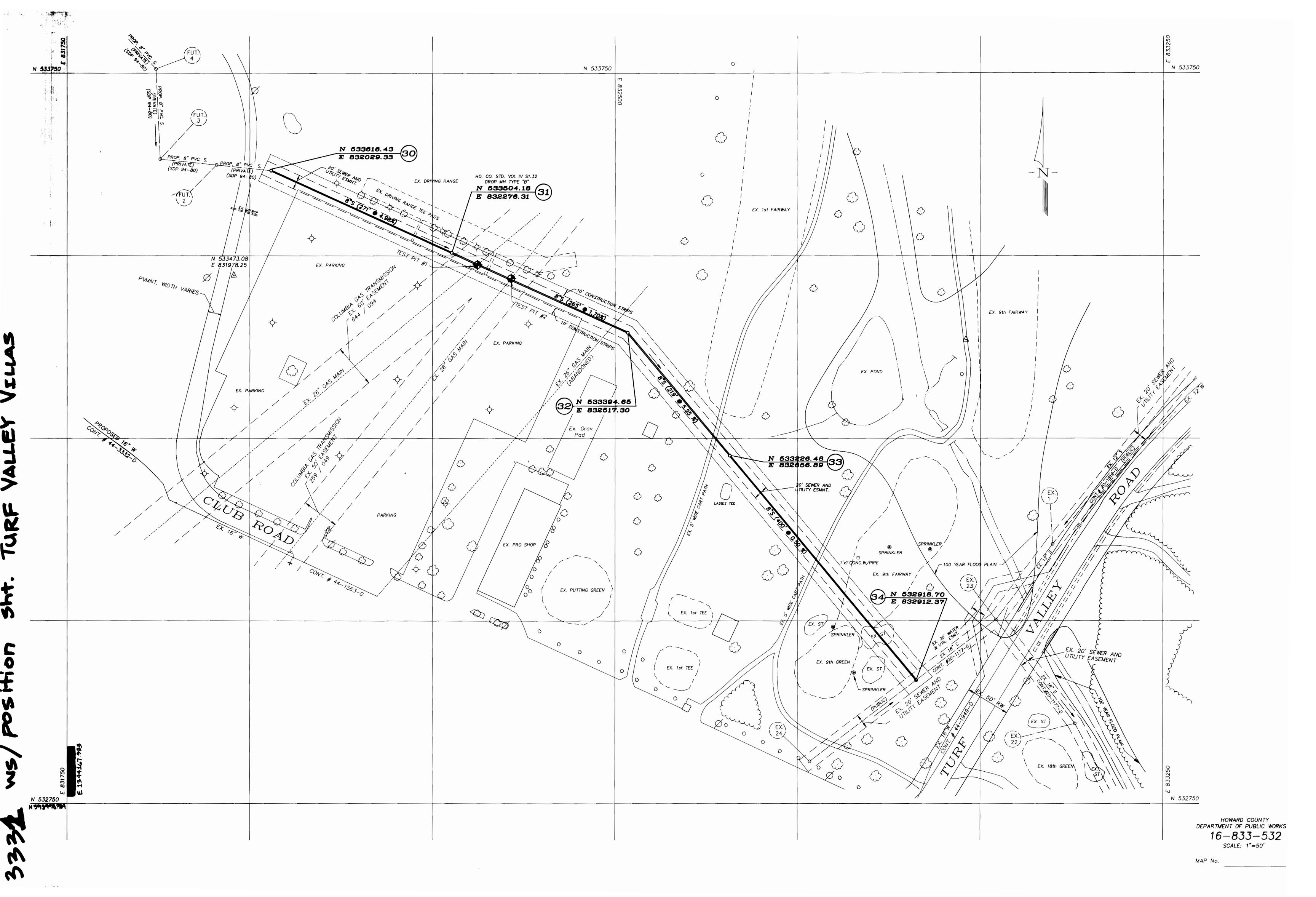
TURF VALLEY VILLAS DISTRICT PGCC CONTRACT NO. 20-3331-D ELECTION DISTRICT NO. 3 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN SHEET $\frac{3}{}$ OF $\frac{3}{}$



PROFILE SCALE

HORIZ: |"=50" VERT: |"=5"



N 534000 111 TRAV N 832311.12 E 533452.36 ELEV.= 431.04 N 533000 N 593748,930 N 533000

HOWARD COUNTY
DEPARTMENT OF PUBLIC WORKS

16-832-533

SCALE: 1"=50'

MAP No.