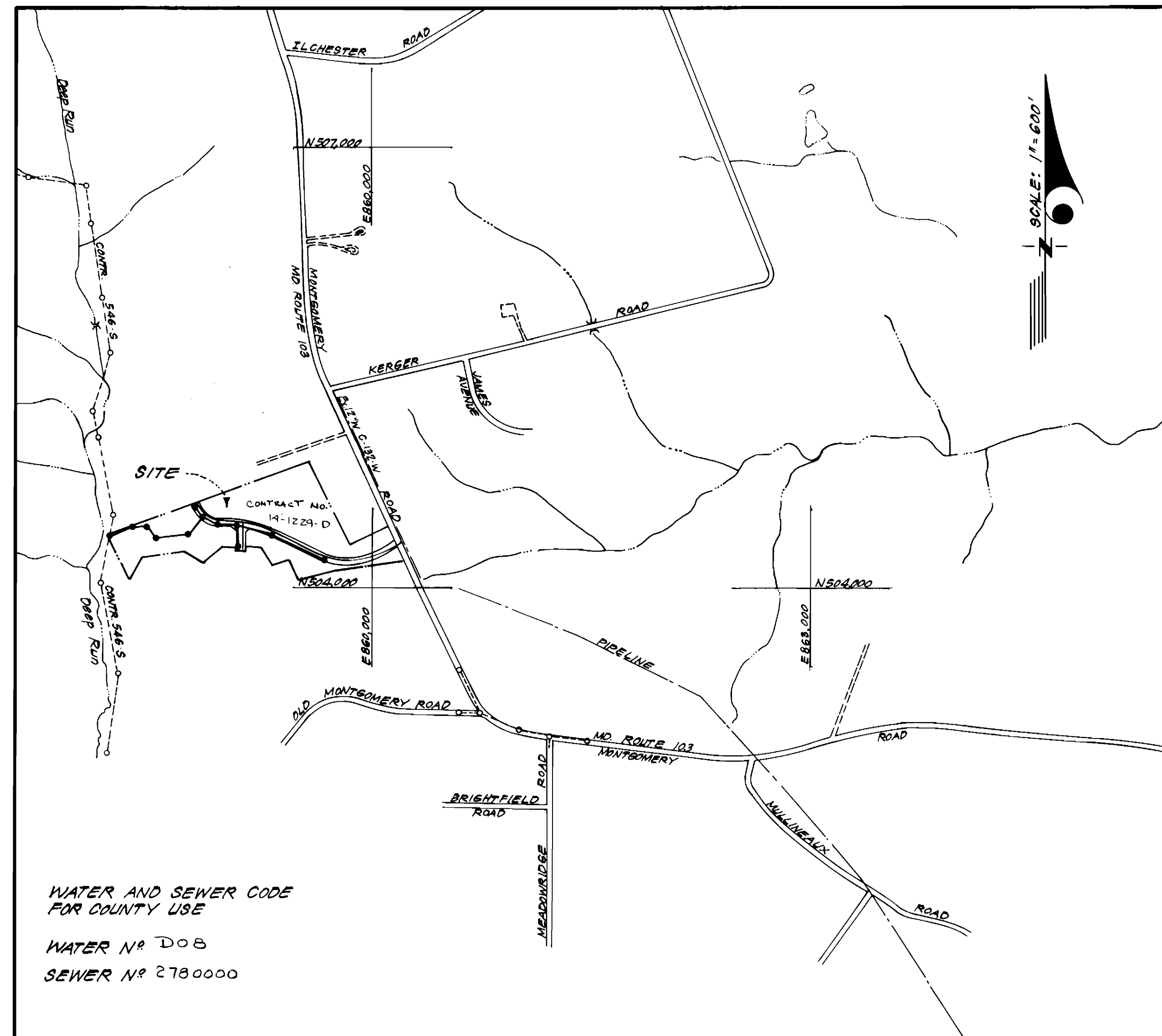


TYPE OF BUILDING	SINGLE FAMILY DETACHED
NUMBER OF LOTS	24
NUMBER OF SHC's	24
NUMBER OF WHC's	24
DRAINAGE AREA	PATAPSCO



WATER AND SEWER CODE  
FOR COUNTY USE  
WATER N<sup>o</sup> D08  
SEWER N<sup>o</sup> 2780000

VICINITY MAP

GENERAL NOTES

- 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 Inspector, at the contractor's expense.
- All horizontal controls are based on Maryland State Coordinates.
- All vertical controls are based on U.S.G.S. Datum.
- All pipe elevations shown are invert elevations.
- Clear all utilities by a minimum of 6" clear all poles by 2'-0" minimum or tunnel as required. Any cost incurred to the contractor for tunneling or bracing at poles shall be included in unit prices bid for excavation and backfill.
- For details not shown on the drawings use Howard County Standard Details.
- For materials and construction methods use Howard County Standard Specifications.
- Contractor shall locate existing utilities a minimum of two (2) weeks in advance of construction operations in the vicinity of proposed utilities at his own expense.
- Contractor shall notify the following utilities or agencies at least five (5) working days before starting work shown on these plans.  
 State Highway Administration - 531-5533  
 Baltimore Gas & Electric Company - Underground Electric Distribution Customer Service - 685-0123  
 Baltimore Gas & Electric Company - Underground Gas Distribution Customer Service - 685-0123  
 Engineering - Damage Control - 234-5621  
 "Miss Utility" - 1-559-0100  
 Chesapeake & Potomac (C & P) Telephone Company - 725-9976  
 American Telephone and Telegraph - Cable Location Division - 393-3553  
 Colonial Pipeline Company - 781-4641  
 Bureau of Utilities Howard County - 992-2366
- Trees are to be protected from damage to maximum extent. Trees 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 as directed by the Inspector. Payment for such removal shall be included in the unit price bid for excavation and backfill.
- Place regulation "Men Working" and warning signs as required to comply with Maryland State Highway Administration Manual of Traffic Control for Highway Construction and Maintenance Operations.
- All water mains to be C.I.P. or D.I.P. unless otherwise noted.
- Top of all water mains to have a minimum of 3'-1/2' cover unless otherwise noted.
- Valves adjacent to tees shall be strapped to tees.
- Block all fittings with concrete.
- Bury line elevations on fire hydrants shall be set to the elevations shown on the drawings. All fire hydrants shall be strapped and buttressed with concrete in accordance with standard details. Soil around the fire hydrant to be compacted in accordance with Section 10.03 of the Standard Specifications.
- All water house connections shall be for an inside meter setting.
- The contractor shall not operate any water main valves on the existing system.
- All sewer mains shall be C.S.P.X., V.C.P.X., P.V.C., or A.C.P. Class 2400 unless otherwise noted.
- The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole wall.
- All manholes shall be 4'-0" inside diameter, unless otherwise noted.
- Water main and water house connection lines must have a minimum of one foot separation from the sanitary sewer and sewer house connections as they cross. Except at crossings, water and sewer lines shall have a minimum horizontal separation of 10'.
- For all Copper Water House Connections, utilize flared type fittings only.
- Manholes designated "W.T." in profile shall have watertight frames and covers.
- No work shall commence prior to approval of F-84-153 and the installation of the sediment controls specified therein.

CONTRACT NO. 14-1229-D

HUNT COUNTRY ESTATES

SECTION ONE

HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS

Sediment Control Measures will be implemented in accordance with Article No. 15 of the Specifications & with Road Construction Plan F.84-153; Drawings 748 Sediment & Erosion Control.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT

*[Signature]* 7-5-84  
SIGNATURE DATE

U.S. SOIL CONSERVATION SERVICE

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.

APPROVED:  
*[Signature]* 7-5-84  
Howard S.C.D. DATE

QUANTITIES			
ITEM	ESTIM'D	AS-BUILT	MATERIAL / SUPPLIER
8" S	1654 LF		
4" MH	12 EA		
6" SHC	510 LF		
8" W	531 LF		
1" WHC	135 LF		
3/4" WHC	307 LF		
8" V	2 EA		
12"x12" MSV	1 EA		
F.H.	2 EA		
12"W	1182 LF		

HUNT COUNTRY ESTATES  
SECTION ONE  
LOTS 1 THRU 26

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*[Signature]* 7-13-84  
DIRECTOR OF PUBLIC WORKS DATE

*[Signature]* 7-13-84  
CHIEF, BUREAU OF UTILITIES DATE

*[Signature]* 7-13-84  
CHIEF, LAND DEVELOPMENT DIV. DATE

**CFS** CLARK - FINEFROCK & SACKETT  
ENGINEERS - PLANNERS - SURVEYORS

3115 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904  
(301) 593-3400



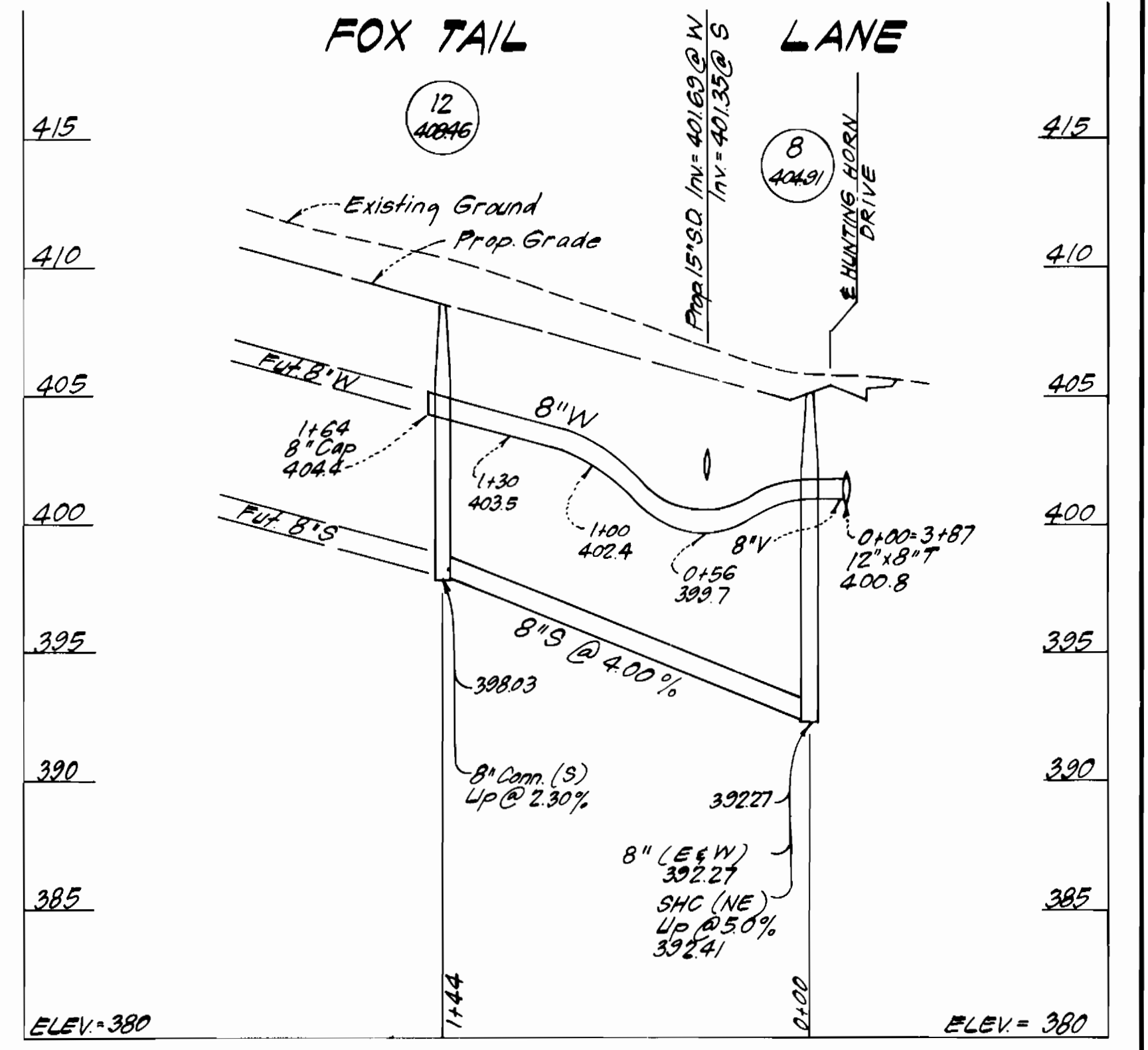
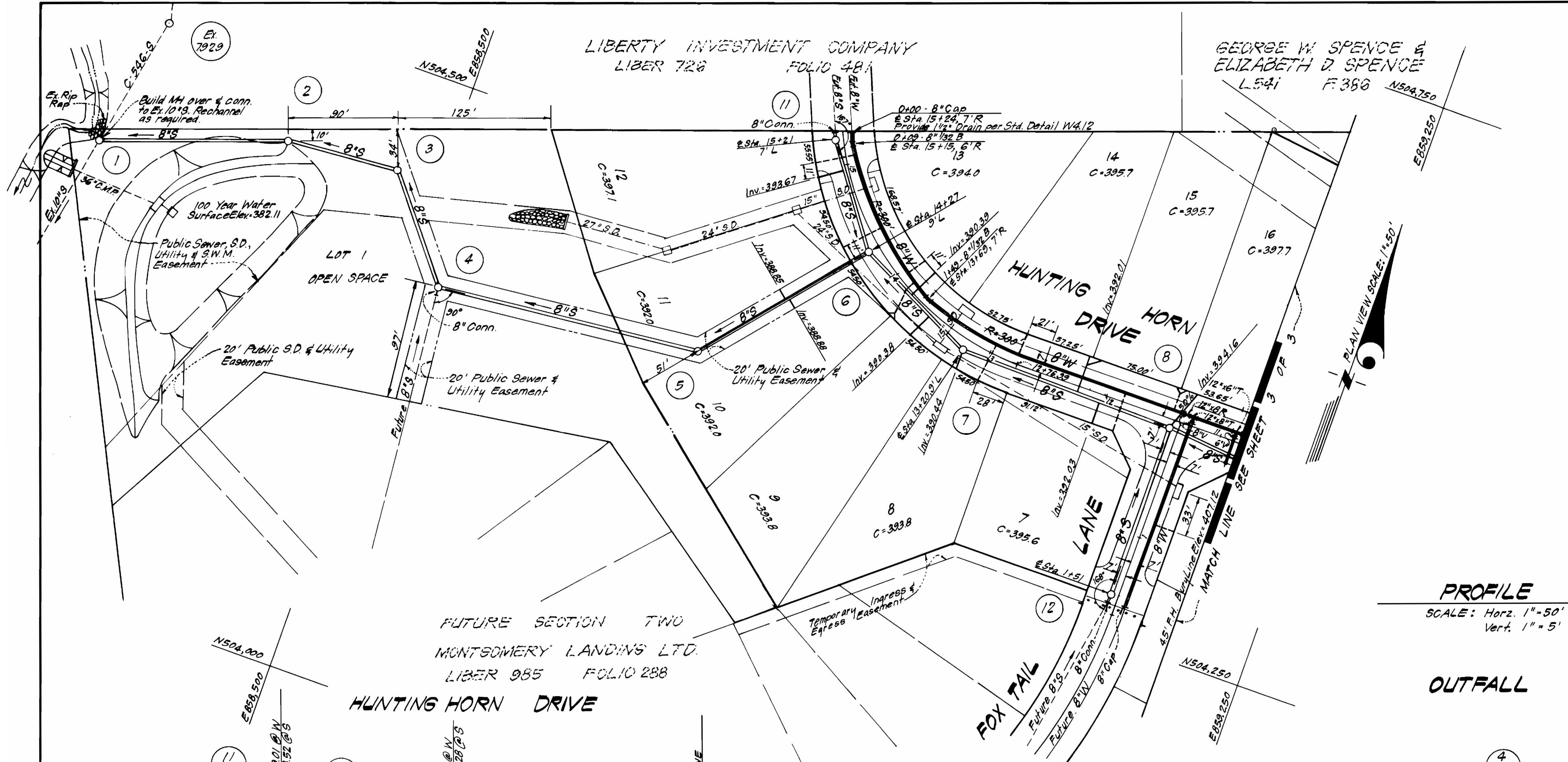
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DRN: V.L.B.				
CHK: C.K.G.				
DATE: 5/84	BY	NO.	REVISION	DATE

TITLE SHEET

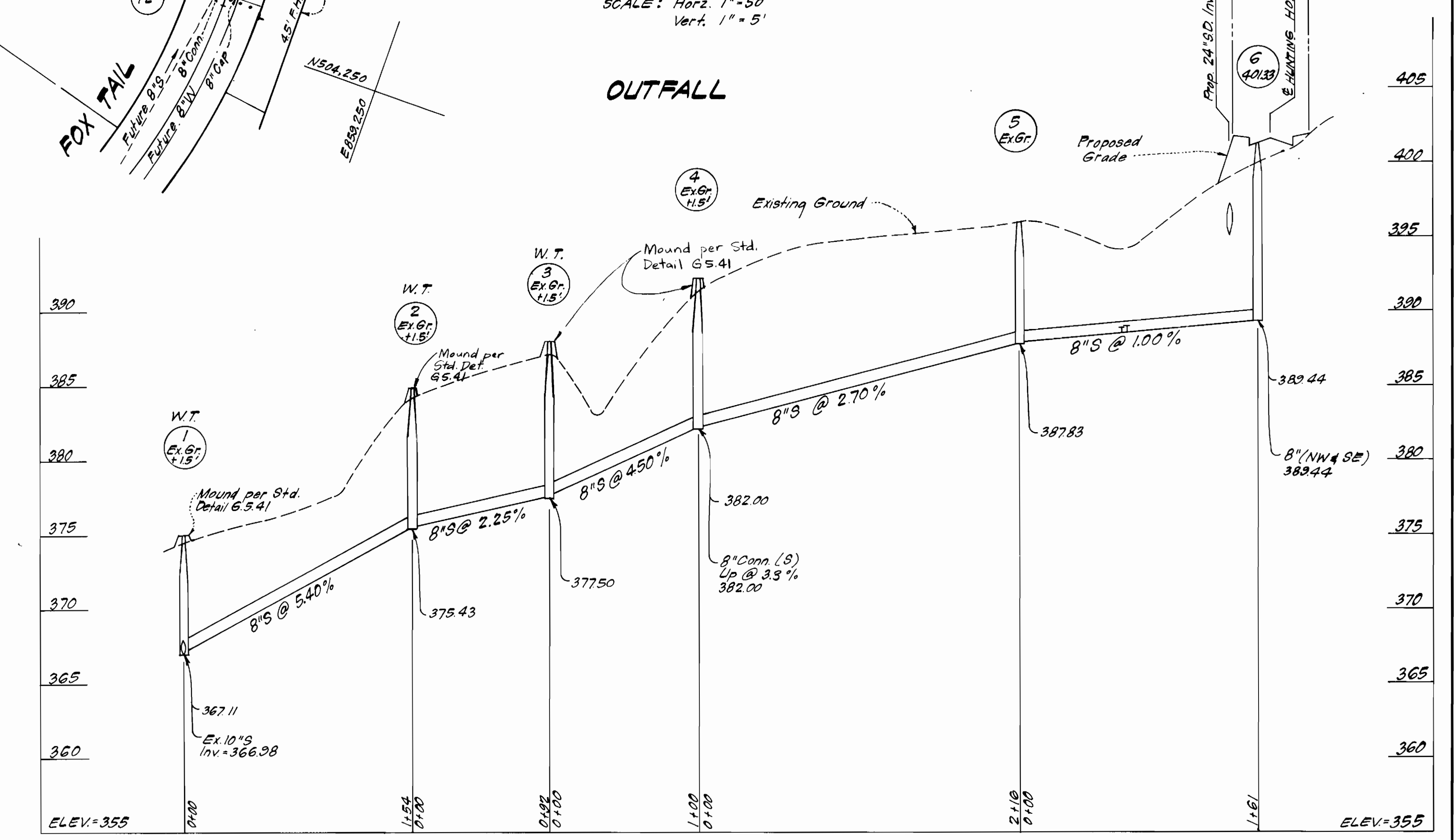
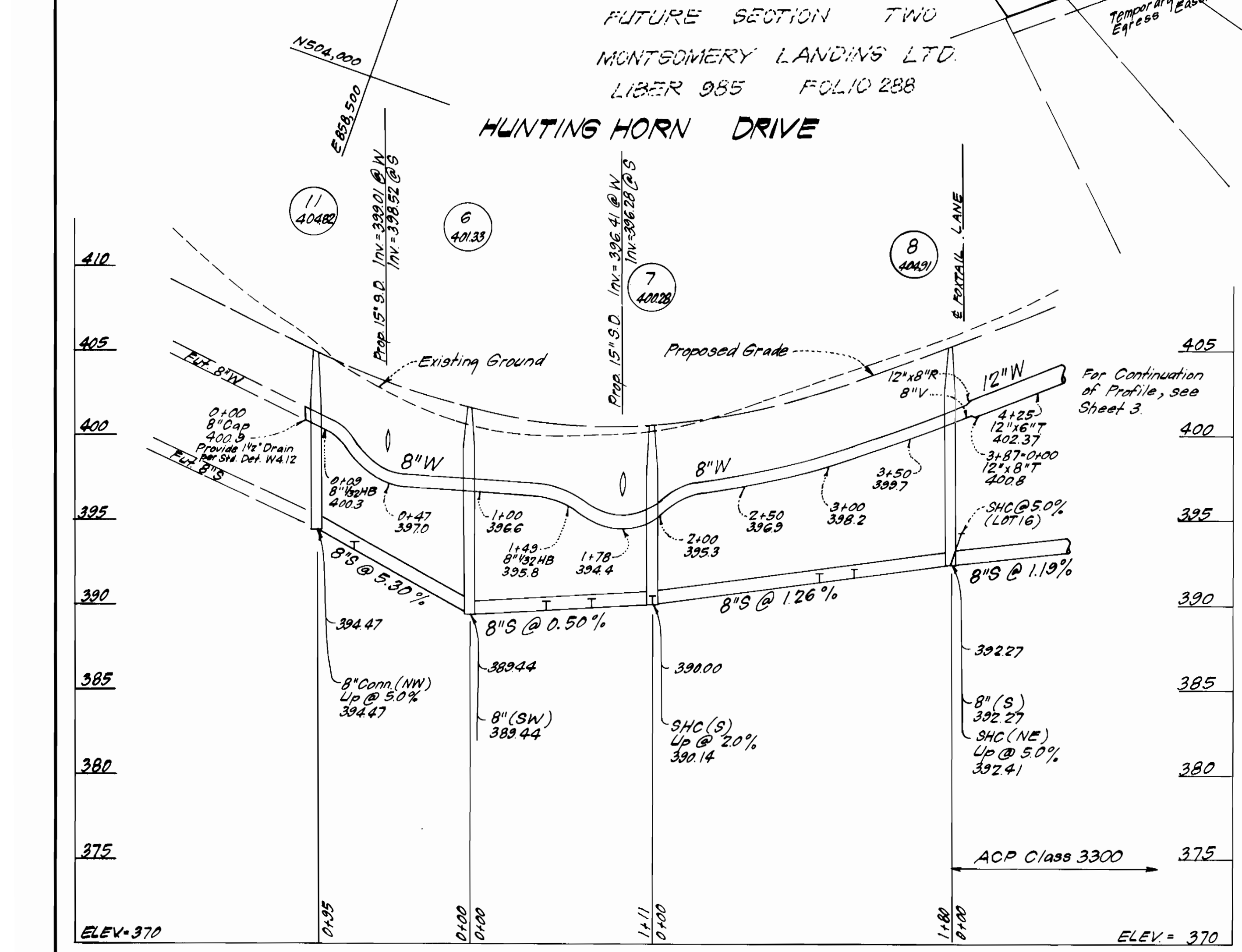
600' SCALE MAP NO. 31 & 32. BLOCK NO. \_\_\_\_\_

HUNT COUNTRY ESTATES  
SECTION ONE  
1<sup>ST</sup> ELECTION DISTRICT  
CONTRACT NO. 14-1229-D

SCALE 1"=600'  
SHEET 1 OF 3



**PROFILE**  
SCALE: Horiz. 1" = 50'  
Vert. 1" = 5'



**OUTFALL**

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
Lucy F. Neuman 7-13-84  
DIRECTOR OF PUBLIC WORKS DATE  
Robert M. Berman 7-13-84  
CHIEF, BUREAU OF UTILITIES DATE

CLARK FINEPROCK & SACKETT  
ENGINEERS - PLANNERS - SURVEYORS  
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904  
(301) 593-3400

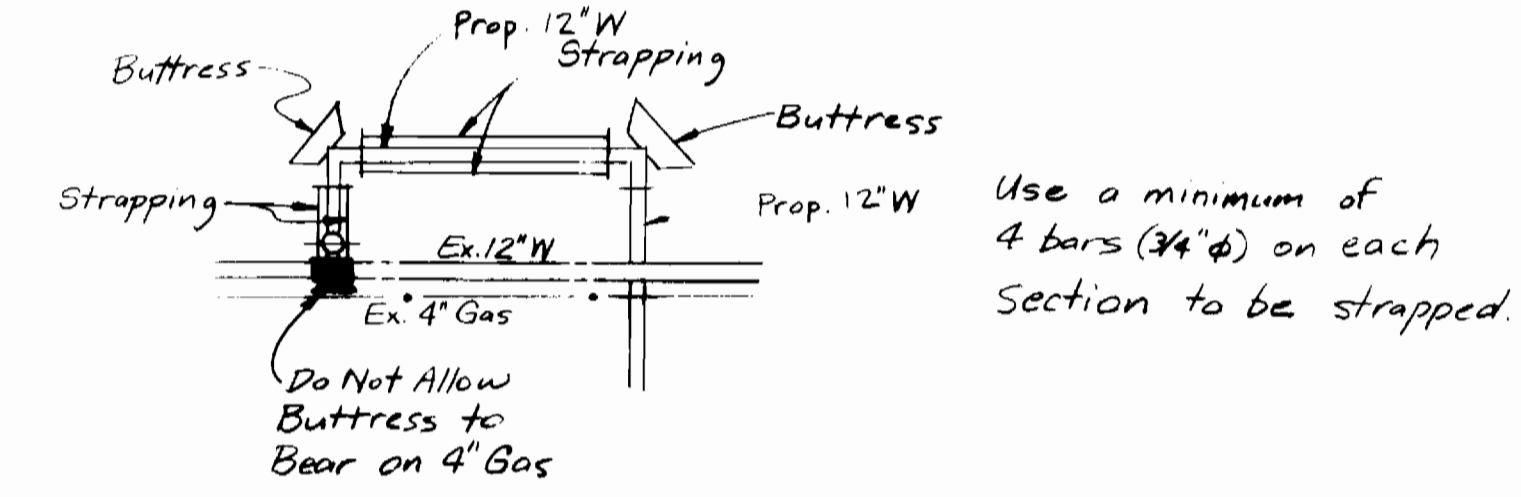
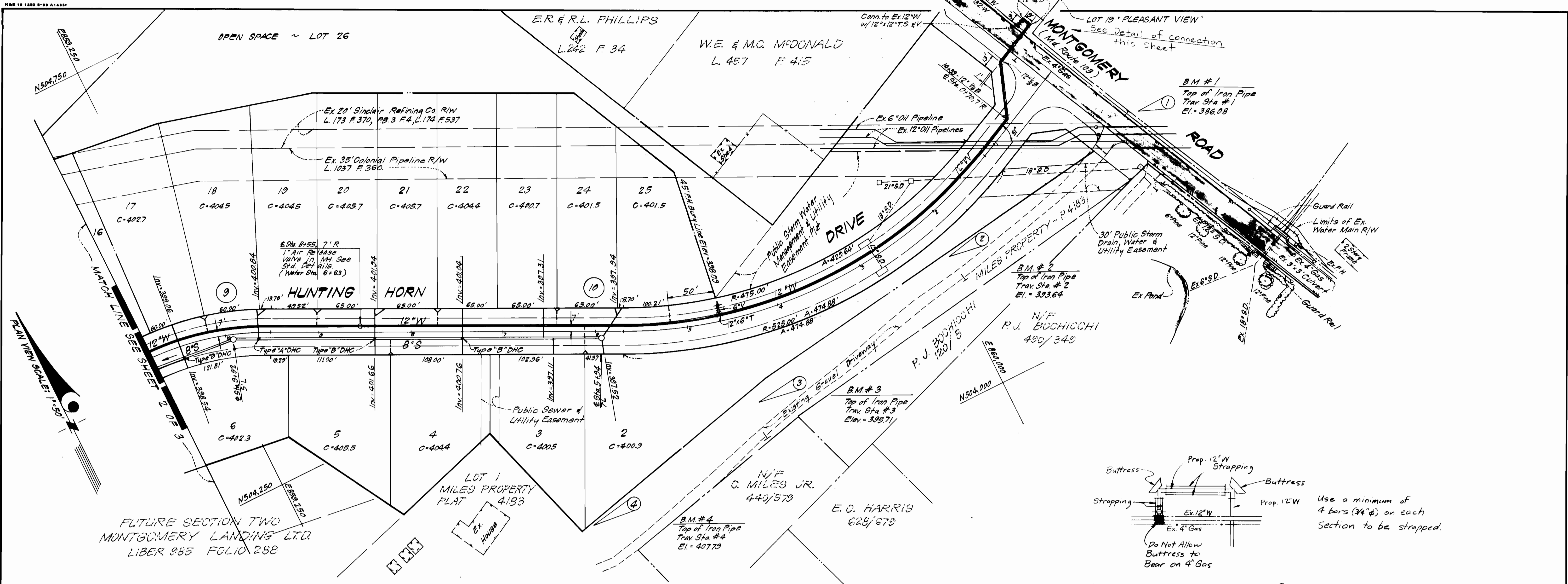


DES: C.K.G.				
DRN: V.L.B.				
CHK: C.K.G.				
DATE: 5/84	BY: NO.	REVISION	DATE	600' SCALE MAP NO. BLOCK NO.

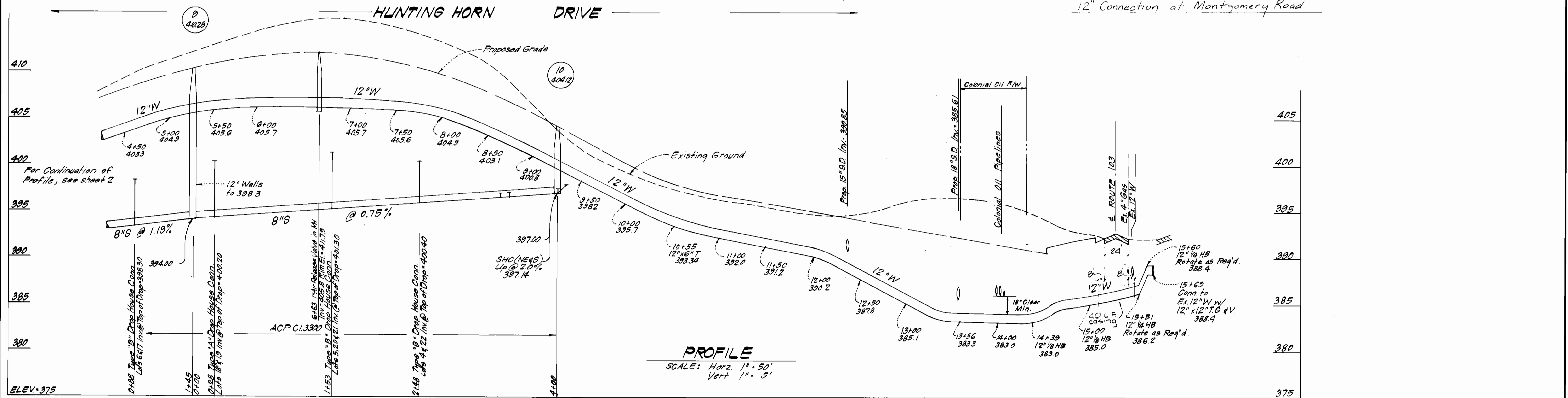
PLAN AND PROFILES OF  
WATER & SEWER MAINS

HUNT COUNTRY ESTATES  
SECTION ONE  
1<sup>ST</sup> ELECTION DISTRICT  
CONTRACT NO. 14 - 1229-D

SCALE  
AS SHOWN  
SHEET  
2 OF 3



12" Connection at Montgomery Road



PROFILE  
SCALE: Horz. 1" = 50'  
Vert. 1" = 5'

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*Shirley F. Newman* 7-13-84  
DIRECTOR OF PUBLIC WORKS DATE

*William E. Sackett* 7-13-84  
CHIEF, BUREAU OF ENGINEERING DATE

*R. J. M. ...* 7-13-84  
CHIEF, BUREAU OF UTILITIES DATE

*William E. Sackett* 7-13-84  
CHIEF, LAND DEVELOPMENT DIV. DATE

**CF&S** CLARK - FINEPROCK & SACKETT  
ENGINEERS - PLANNERS - SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904  
(301) 593-3400



DES: C.K.G.	VLB 1	Revised as per HoCo comments of Sept 11, 1984	9/1/84
DRN: V.L.B.	VLB 2	Removed reference to jack of bore method for crossing Rte. 103.	1/30/85
CHK: C.K.G.			
DATE: 8/84	BY NO.	REVISION	DATE

PLAN AND PROFILES OF  
WATER & SEWER MAINS

600' SCALE MAP NO. \_\_\_\_\_ BLOCK NO. \_\_\_\_\_

HUNT COUNTRY ESTATES  
SECTION ONE  
1<sup>ST</sup> ELECTION DISTRICT  
CONTRACT NO. 14-1229-D

SCALE  
AS SHOWN  
SHEET  
3 OF 3