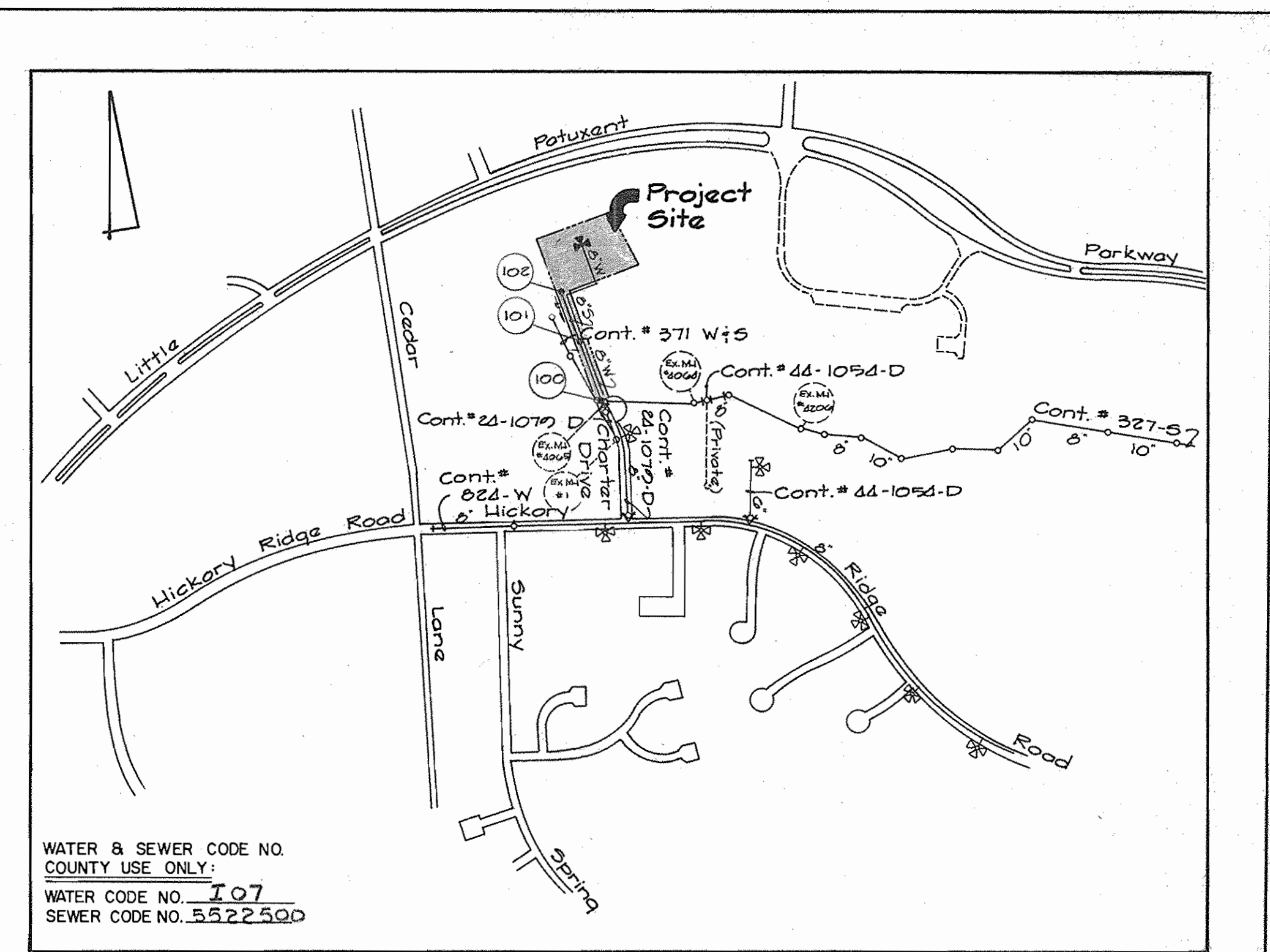


Plan
Scale: 1"=50'

Quantities			
Item	Est'd.	As-Built	Supplier
8" Sewer	624 L.F.	610 L.F.	BUGERMESTER
Manholes	3 Ea.	3 Ea.	ATLANTIC
8" Water	222 L.F.	222 L.F.	US PIPE
Fire Hydrant	1 Ea.	1	US PIPE
6" S.H.C.	10 L.F.	10 L.F.	BUGERMESTER
8" Valve	2 Ea.	2 Ea.	METROPOLITAN
6" Fl. Valve	1 Ea.	1	"



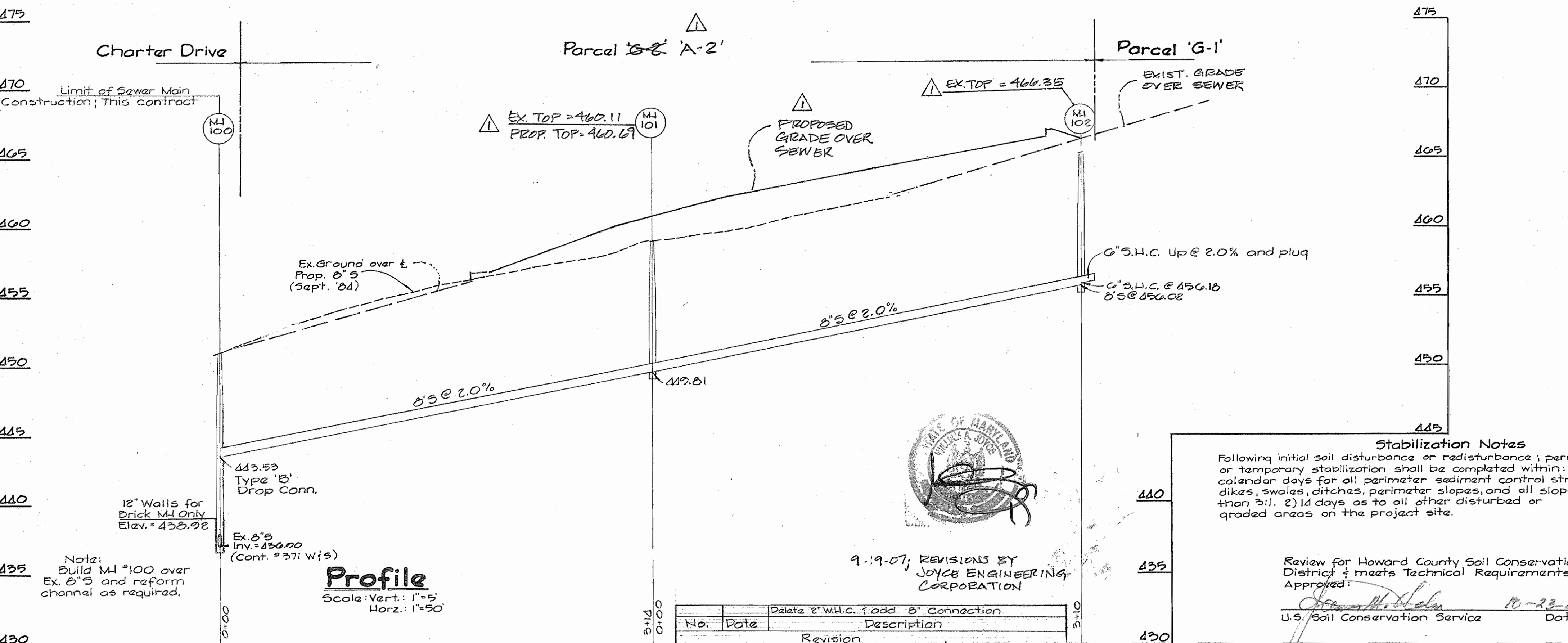
WATER & SEWER CODE NO.
COUNTY USE ONLY:
WATER CODE NO. 107
SEWER CODE NO. 5522500

TYPE OF BUILDING: Medical Office
NUMBER OF PARCELS: 1
NO. OF WATER HOUSE CONN.: 1
NO. OF SEWER HOUSE CONN.: 1
DRAINAGE AREA: Little Patuxent

VICINITY MAP
SCALE: 1"=600'

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 ENGINEER, 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. 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 OWED TO THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
- ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- CONTRACTOR SHALL NOTIFY FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS SHOWN ON THESE PLANS.
BALTIMORE GAS AND ELECTRIC CO. - CONTRACTOR SERVICES - (561-2585)
BALTIMORE GAS AND ELECTRIC CO. - UNDER-GROUND DAMAGE CONTROL - (234-5621)
BALTIMORE GAS AND ELECTRIC CO. - TROUBLE SHOOTING - (298-9013)
"MISS UTILITY" - (1-559-0100)
CHESAPEAKE & POTOMAC TELEPHONE COMPANY - (795-1390)
BUREAU OF UTILITIES, HOWARD COUNTY - DEPARTMENT OF PUBLIC WORKS - (992-2366)
- 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 THE CONSTRUCTION OF THE MAIN.
- 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 D.I.P. UNLESS OTHERWISE NOTED.
- VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- 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. THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
- FOR ALL COPPER WATER HOUSE CONNECTIONS, UTILIZE FLARED TYPE FITTINGS ONLY.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING.
- WATER MAIN AND WATER HOUSE CONNECTION LINES MUST BE PLACED SO AS TO HAVE AT LEAST ONE (1) FOOT SEPARATION FROM THE SEWER MAIN OR SEWER HOUSE CONNECTION AS THEY PASS ABOUT IT.
- TOP OF WATER MAINS TO HAVE A MINIMUM OF 3'-6" COVER UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING SYSTEM.
- FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL THE FIRE HYDRANTS SHALL BE STRAPPED AND BUTTRESSED IN ACCORDANCE WITH STANDARD DETAILS SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1003 & 1008 OF THE STANDARD SPECIFICATIONS.
- 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.
- ALL SEWER MAINS SHALL BE C.S.P.X., R.C.S.P., V.C.P.X., A.C.P. CLASS 2400 OR P.V.C. 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.
- MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
- INSTALLATION OF 2" WHC SHALL BE IN ACCORDANCE WITH SECTION 909.15.05 AND DETAIL W3.30 ATTACHED TO THE SPECIAL PROVISIONS.



Profile
Scale: Vert: 1"=5'
Horz: 1"=50'

Stabilization Notes
Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: 1) 7 calendar days for all perimeter sediment control structures, dikes, swales, ditches, perimeter slopes, and all slopes greater than 3:1. 2) 14 days as to all other disturbed or graded areas on the project site.

Review for Howard County Soil Conservation District & meets Technical Requirements.
Approved: [Signature] 10-23-84
U.S. Soil Conservation Service Date

No.	Date	Description
1	9-19-07	REVISE GRADE OVER WATER & SEWER PER SDP 07-138, ADJUST MANHOLE 101 TOP ELEVATION AND INDICATE NEW PARCEL 'A-2' IDENTIFICATION.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS DATE: [Signature] 10-25-84
CHIEF, BUREAU OF UTILITIES DATE: [Signature] 10-25-84

CHIEF, BUREAU OF ENGINEERING DATE: [Signature] 10/24/84
CHIEF, LAND DEVELOPMENT DIVISION DATE: [Signature] 10/24/84

FISHER, COLLINS, AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043
461-2855

TERRELL A. FISHER DATE: [Signature]

DES. DEV.	DEC	DATE
JEC	1	9-19-07
DRN. D.E.V.		
CHK. T.A.F.		
DATE	BY	NO.

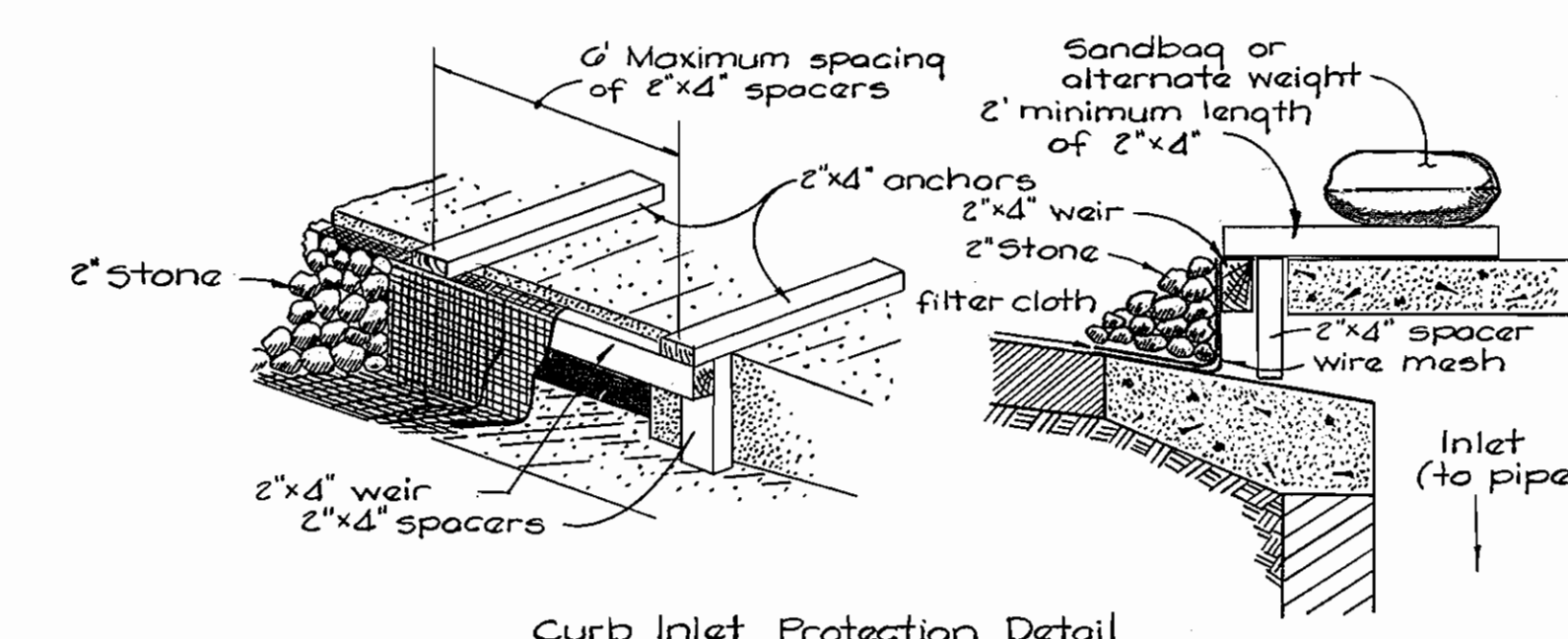
PLAN & PROFILES

COLUMBIA TOWN CENTER
PARCEL 'G-1' SEC. 8 / AREA 4
CONTRACT NO. 24-1301-D
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

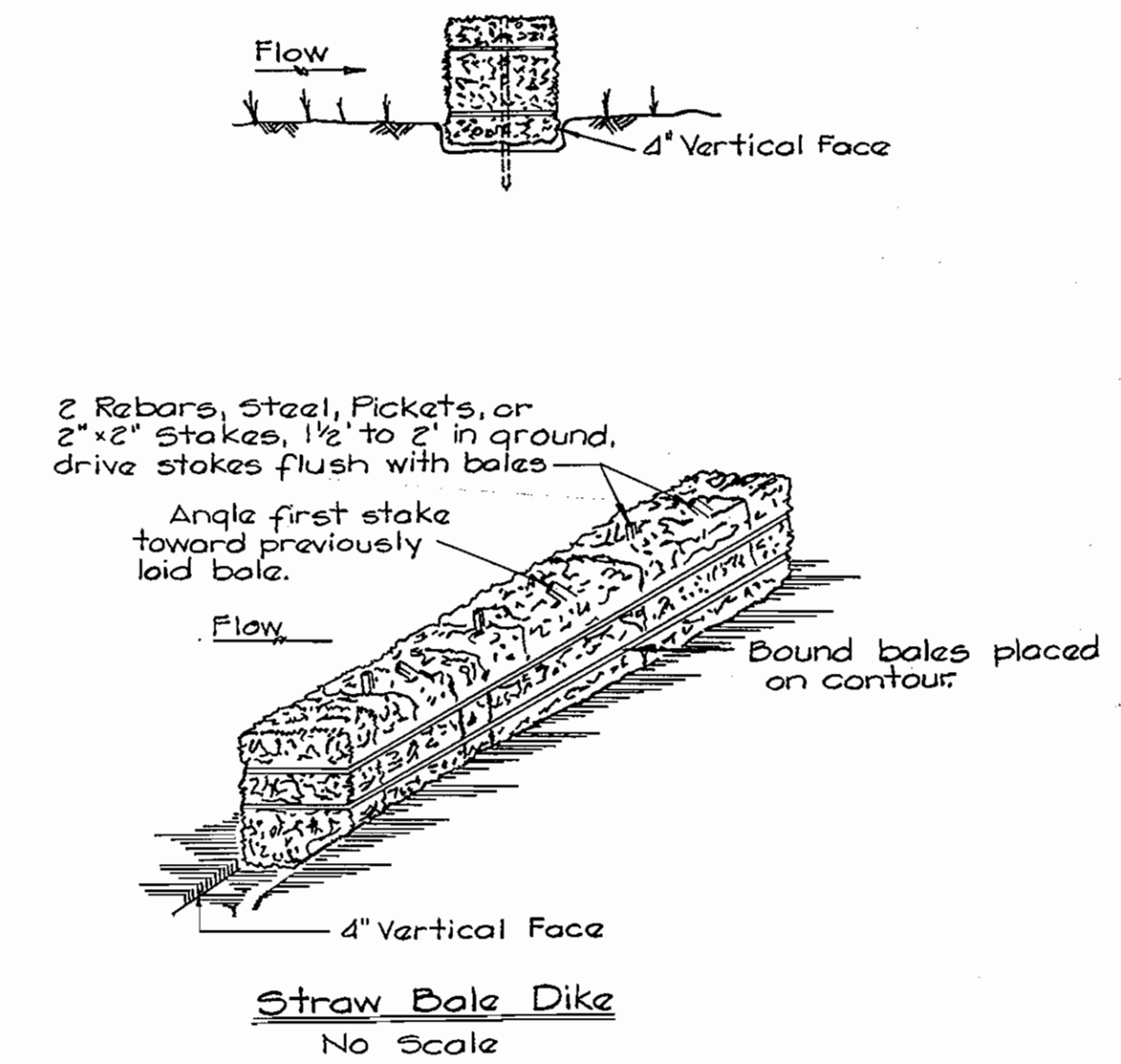
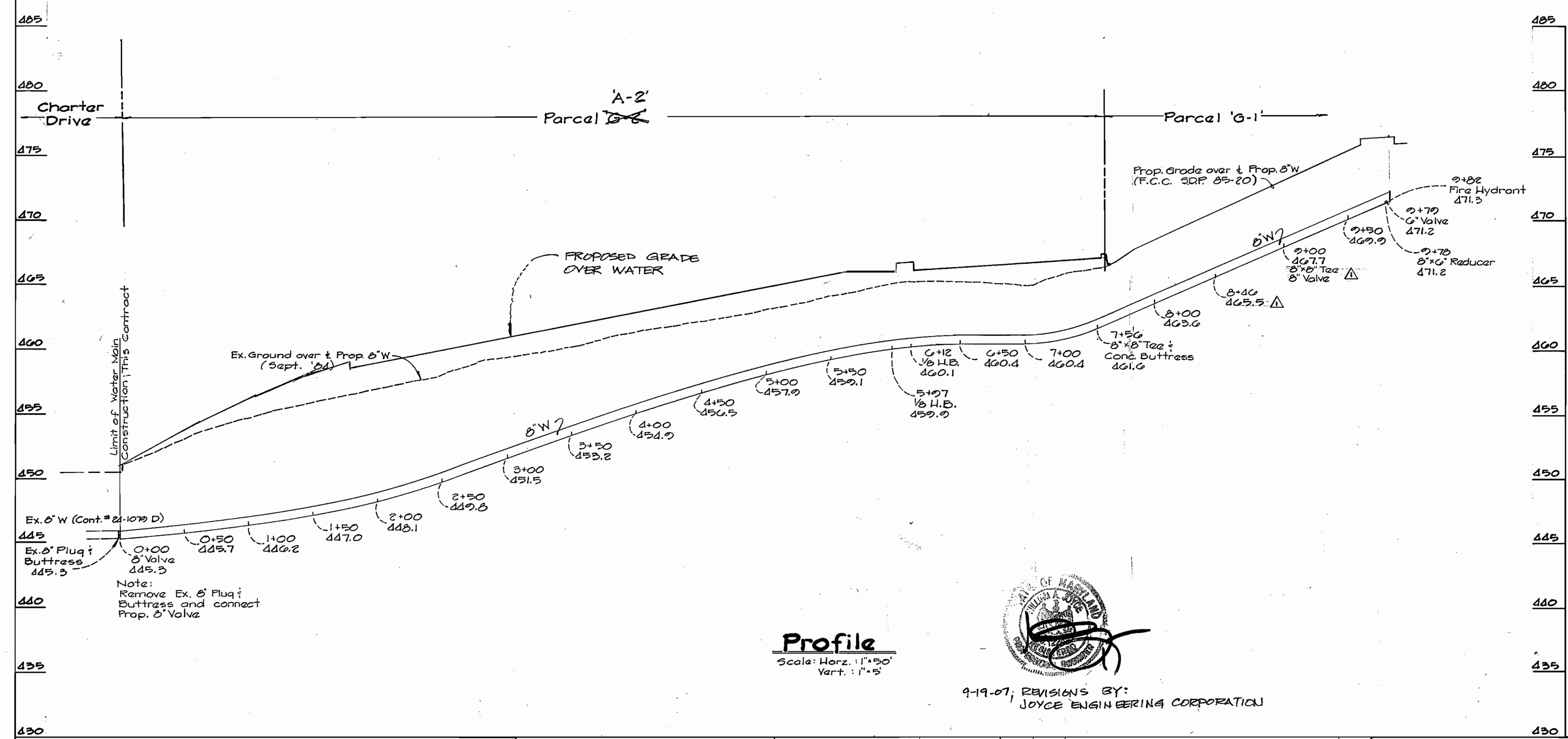
SCALE AS SHOWN
SHEET 1 OF 2

600' SCALE MAP NO. 35 BLOCK NO. _____

AS BUILT - OCT., 1985



Curb Inlet Protection Detail
 No Scale



CONTRACT NO. 24-1301-D
 COLUMBIA TOWN CENTER
 PARCEL G-1 SEC. 8 / AREA 4
 WATER & SEWER EXTENSIONS
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Director of Public Works Chief, Bureau of Utilities	FISHER, COLLINS, AND CARTER, INC. CONSULTING ENGINEERS AND LAND SURVEYORS 8388 COURT AVENUE ELLICOTT CITY, MARYLAND 21043 461-2855		DES: D.E.V.	JEC	1	REVISED GRADE OVER WATER & SEWER	7/11/07	PROFILES & DETAILS WATER & SEWER MAINS	COLUMBIA TOWN CENTER PARCEL G-1 SEC. 8 / AREA 4 CONTRACT NO. 24-1301-D 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE AS SHOWN
			DRN: D.E.V.			PER S.D.P. 07-138 AND INDICATED NEW				
			CHK: T.A.F.			PARCEL A-2 IDENTIFICATION				
			DATE:	BY	NO.	REVISION	DATE	600' SCALE MAP NO. 35	BLOCK NO.	