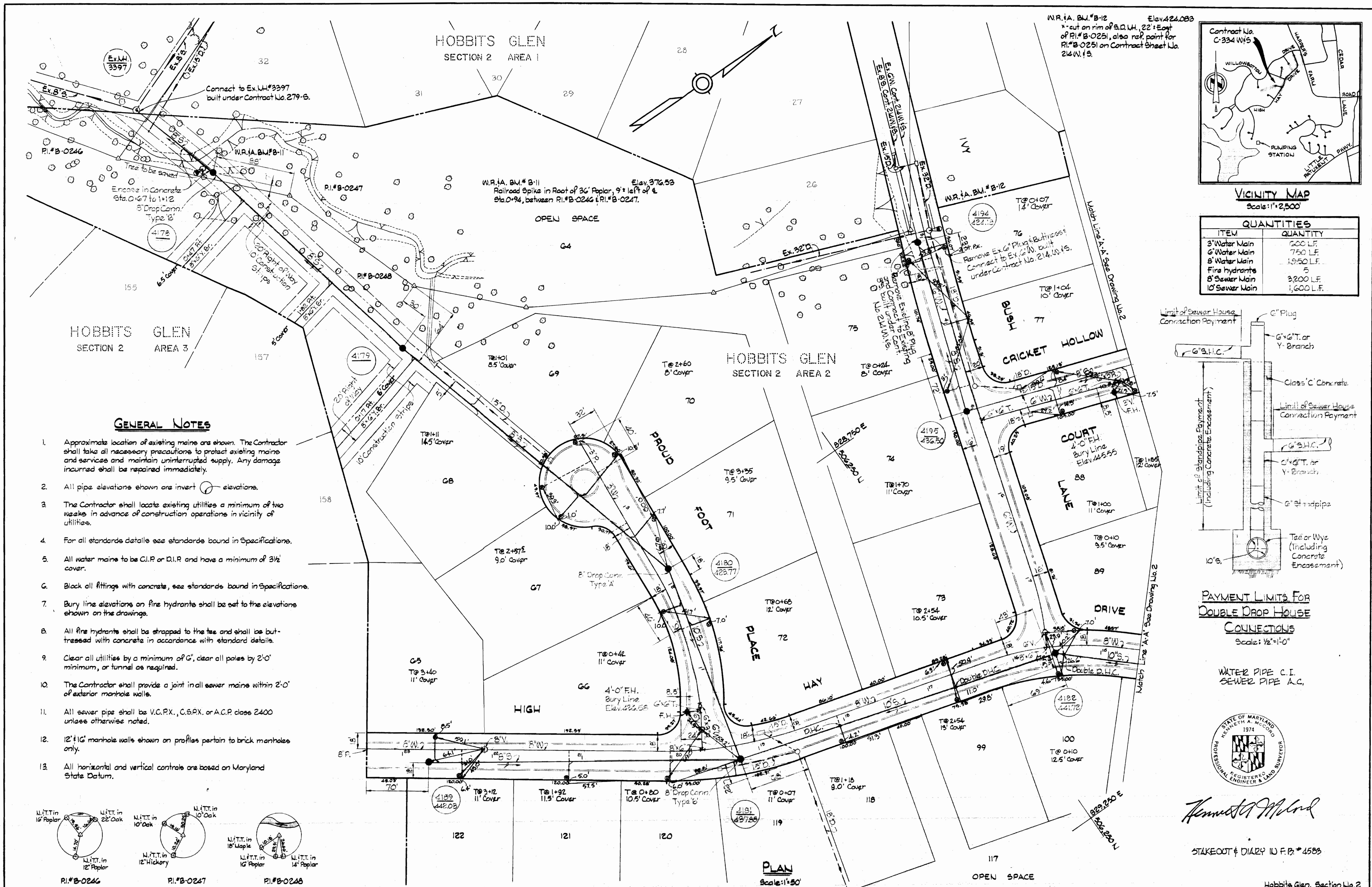
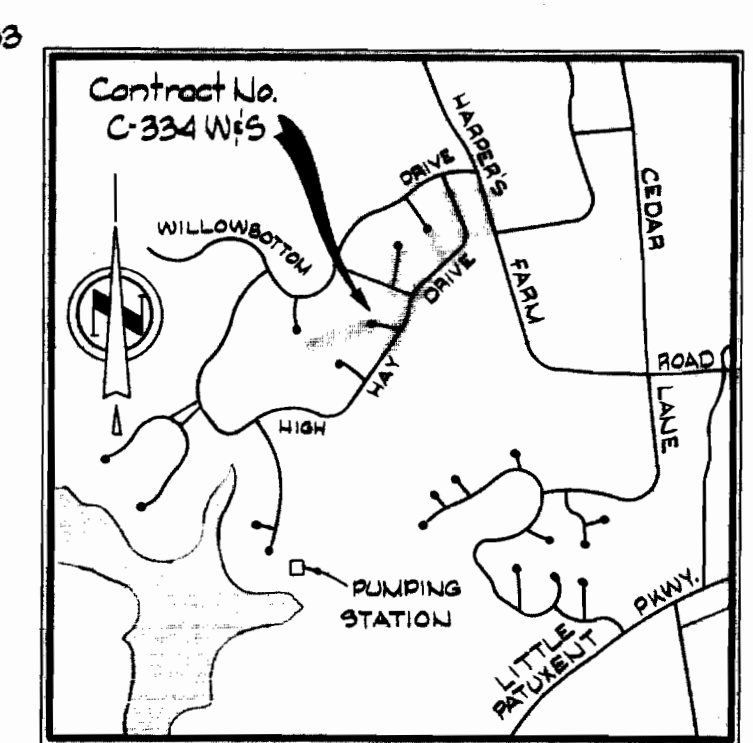
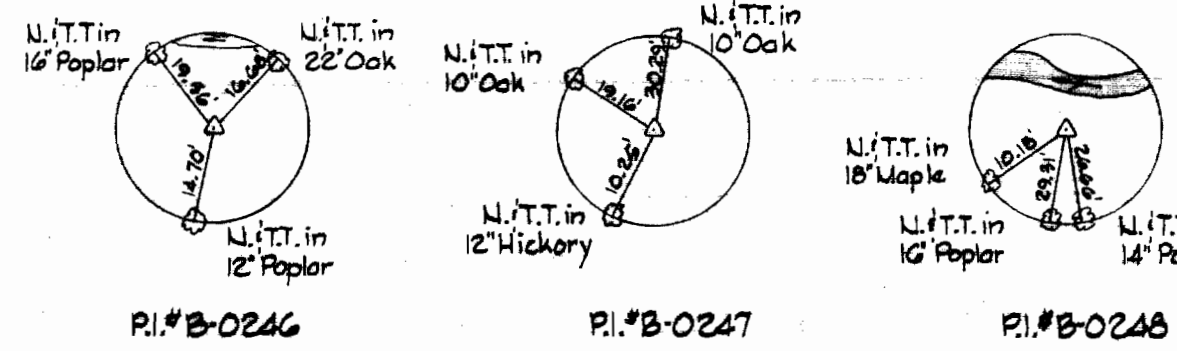


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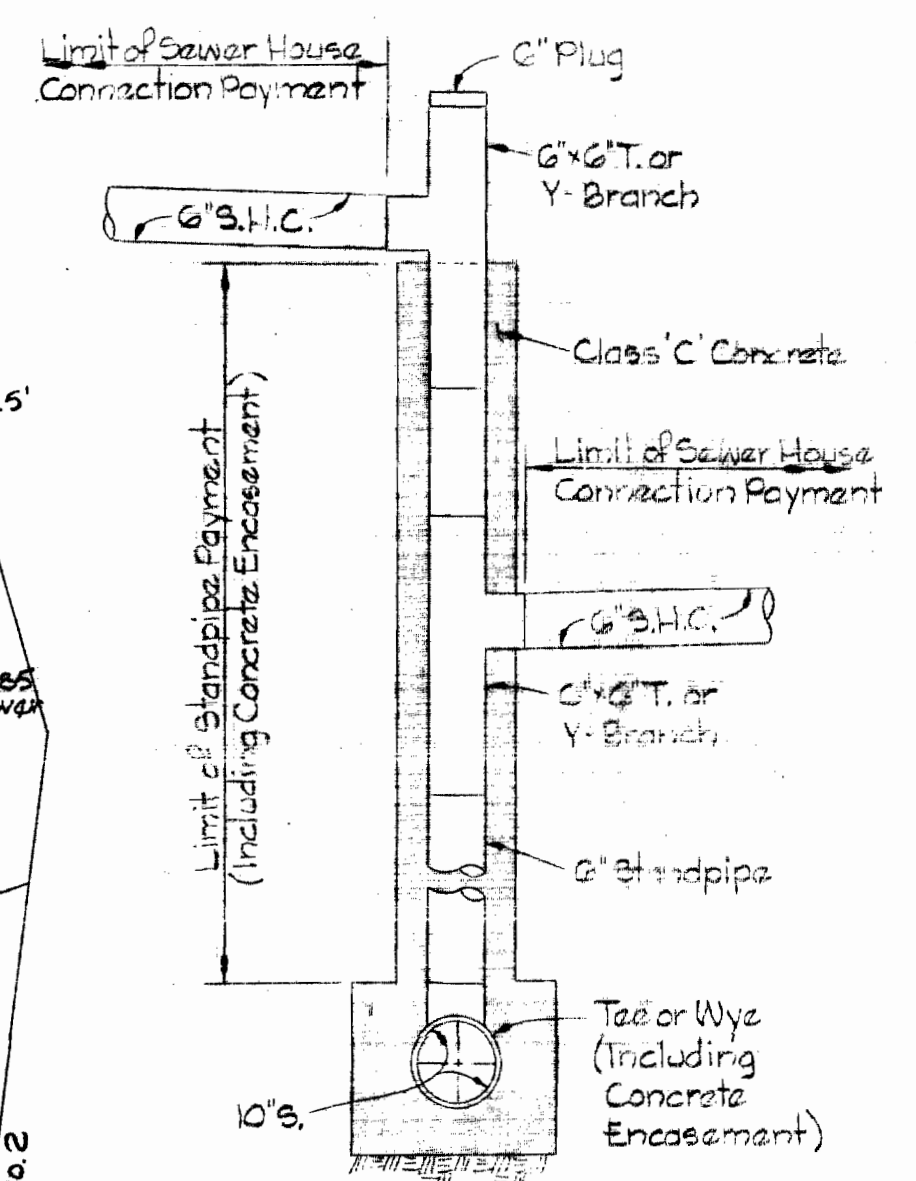


1. Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately.
2. All pipe elevations shown are invert elevations.
3. The Contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities.
4. For all standards details see standards bound in Specifications.
5. All water mains to be C.I.P. or D.I.P. and have a minimum of 3 1/2' cover.
6. Block all fittings with concrete, see standards bound in Specifications.
7. Bury line elevations on fire hydrants shall be set to the elevations shown on the drawings.
8. All fire hydrants shall be strapped to the tee and shall be buttressed with concrete in accordance with standard details.
9. Clear all utilities by a minimum of 6', clear all poles by 2'-0" minimum, or tunnel as required.
10. The Contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole walls.
11. All sewer pipe shall be V.C.P.C., C.S.P.C. or A.C.P. class 2400 unless otherwise noted.
12. 12" x 16" manhole walls shown on profiles pertain to brick manholes only.
13. All horizontal and vertical controls are based on Maryland State Datum.

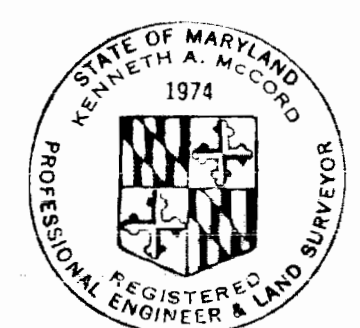


VICINITY MAP
Scale: 1" = 2,500'

QUANTITIES	
ITEM	QUANTITY
3" Water Main	600 L.F.
6" Water Main	750 L.F.
8" Water Main	1,950 L.F.
Fire hydrants	5
8" Sewer Main	3,200 L.F.
10" Sewer Main	1,600 L.F.



WATER PIPE C.I.
SEWER PIPE A.C.



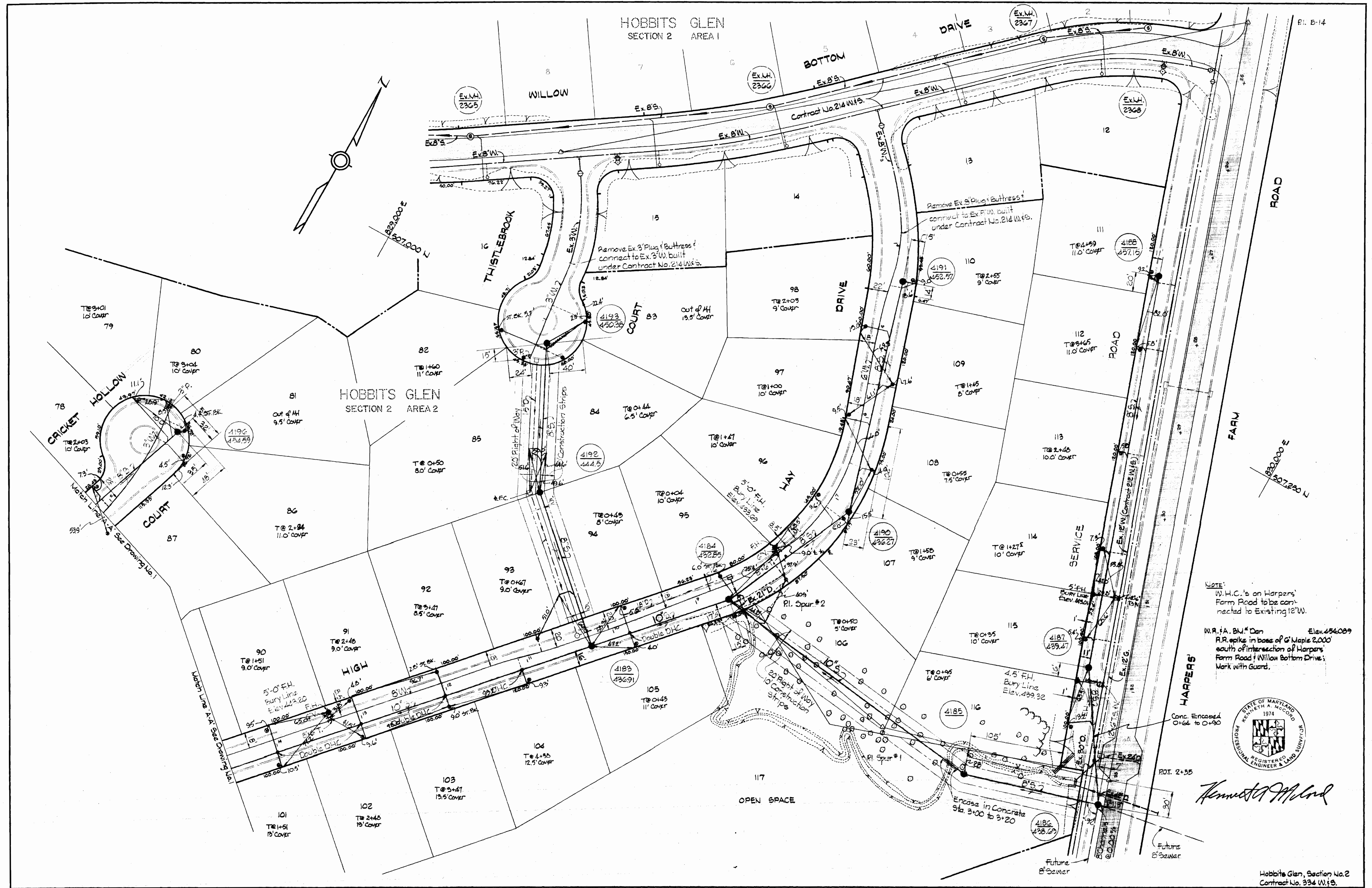
Kenneth A. McLeod

STAKEOUT & DIAGRAM F.P. # 4583

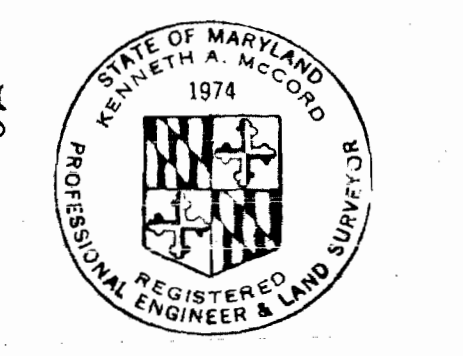
Hobbits Glen, Section No. 2
Contract No. 334 W.S.

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Nov. 3, 1969 DATE	CONTRACT NO. C-334 WBS <i>ed O. Felber</i> CHIEF - BUREAU OF WATER AND SEWER	PLAN OF WATER & SEWER MAINS	COLUMBIA VILLAGE OF HARPER'S CHOICE ELECTION DISTRICT - CLARKSVILLE No. 5	DRAWING NO. 1 OF 3	SCALE AS SHOWN
					306-474 306-474	JULY 7, 1970 F.B. # 4248 AS BUILT

WS 334 W-5/2



NOTE:
 W.H.C.'s on Harpers' Farm Road to be connected to Existing 12"W.
 W.R.#A. BM.# Dan Elev. 456.089
 R.R. spike in base of G' Maple 2,000 south of intersection of Harpers' Farm Road & Willow Bottom Drive. Mark with Guard.



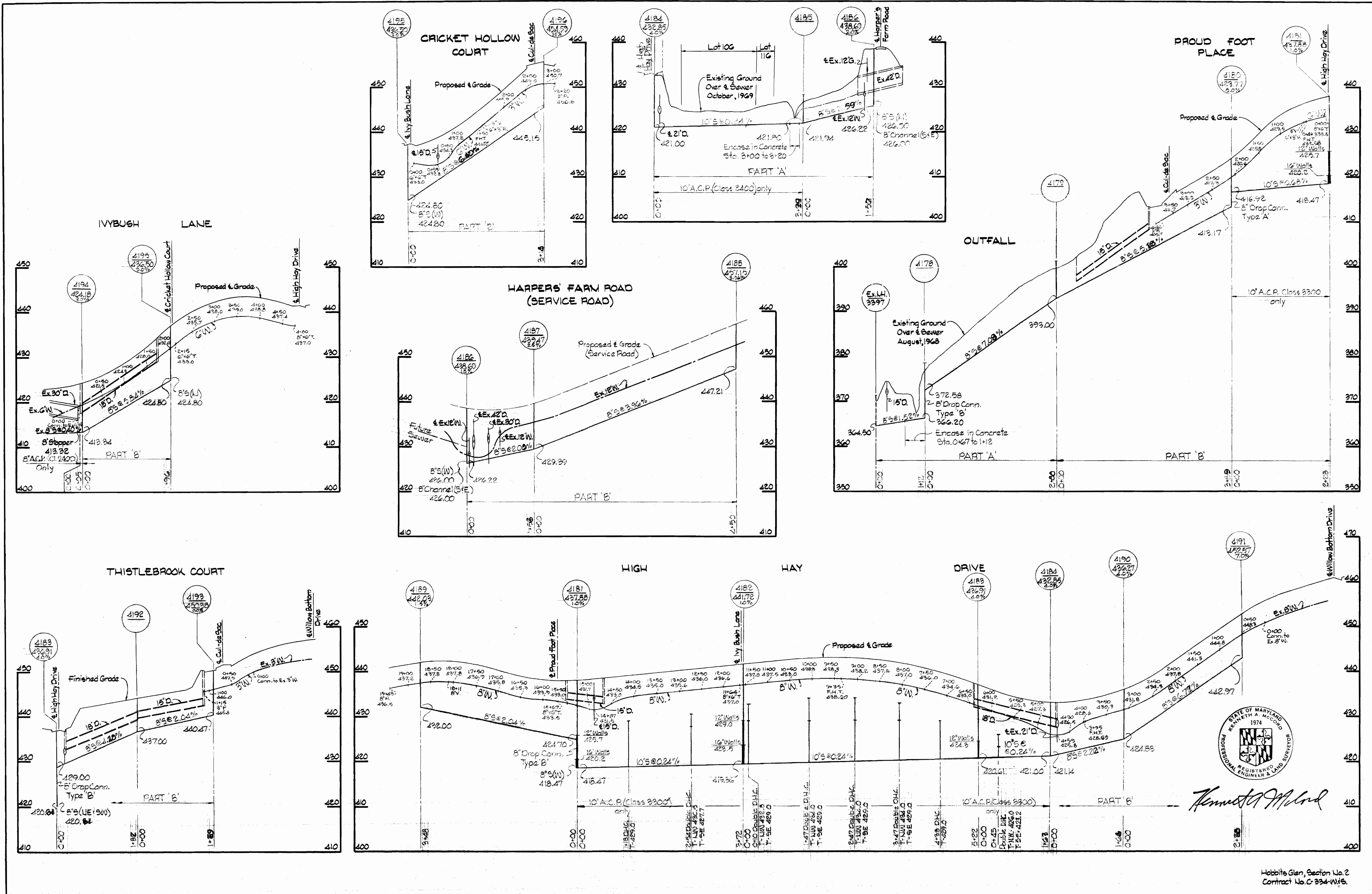
Kenneth A. McLeod

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Nov. 5, 1969 DATE <i>W. O. Falbert</i> CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. C-334 WBS	PLAN OF WATER & SEWER MAINS	COLUMBIA VILLAGE OF HARPER'S CHOICE ELECTION DISTRICT - CLARKVILLE No. 5	DRAWING NO. 2 OF 3 SCALE 1"=50' AS BUILT JULY 7, 1970
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W. O. 6023-2

Hobbits Glen, Section No. 2
Contract No. 334 W.B.

506-474
506-475
507-474
507-475



WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 1304 ST. PAUL ST.
 BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 Nov 3, 1969
 DATE
W O Falbert
 CHIEF - BUREAU OF WATER AND SEWER

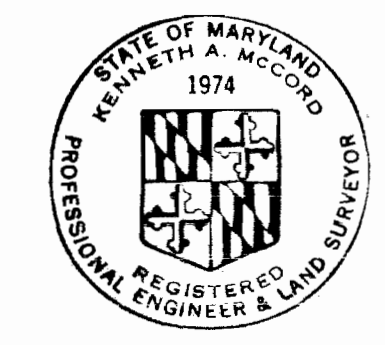
CONTRACT NO. C-334 WBS

PROFILES OF
 WATER & SEWER MAINS

COLUMBIA
 VILLAGE OF HARPER'S CHOICE
 ELECTION DISTRICT - CLARKSVILLE No. 5

DRAWING
 NO. 3
 OF 3
 SCALE
 H:1"=100'
 V:1"=10'

Hobbits Glen, Section No. 2
 Contract No. C-334-WBS



Kenneth A. McCord