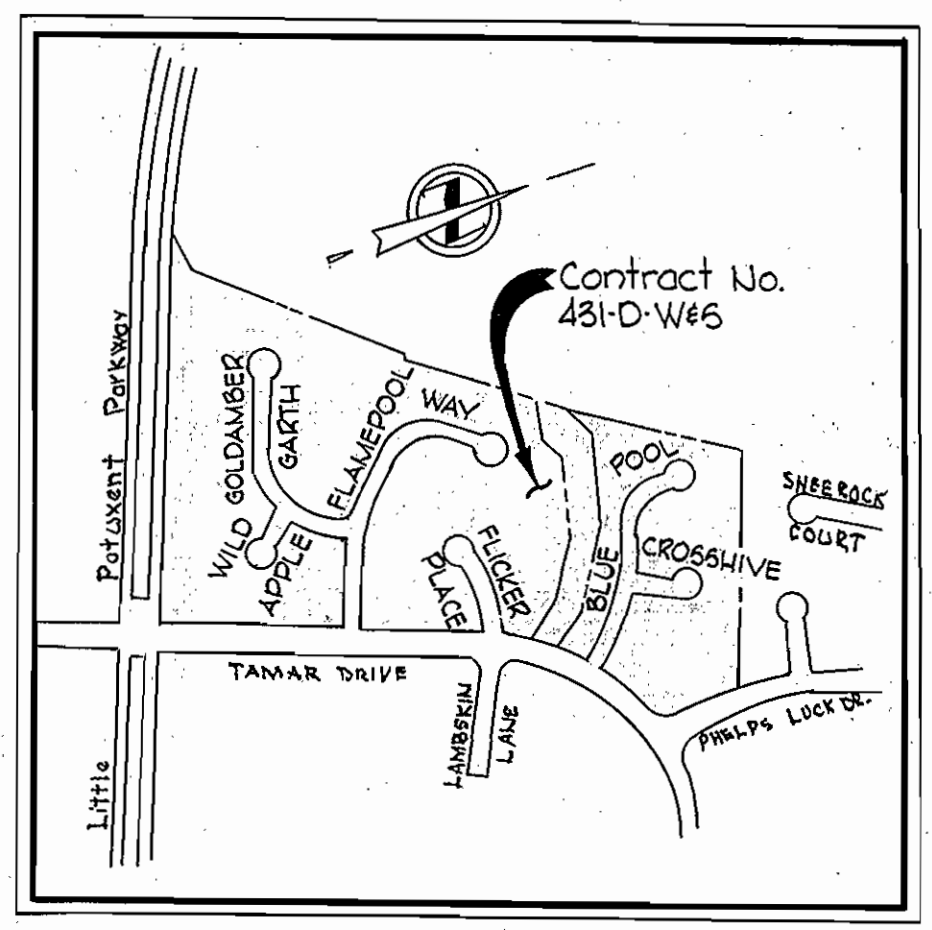


WS 431 W&S/1

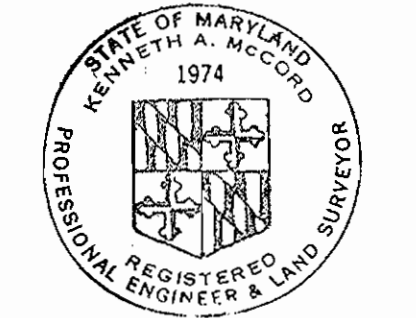


VICINITY MAP
Scale: 1" = 600'

GENERAL NOTES

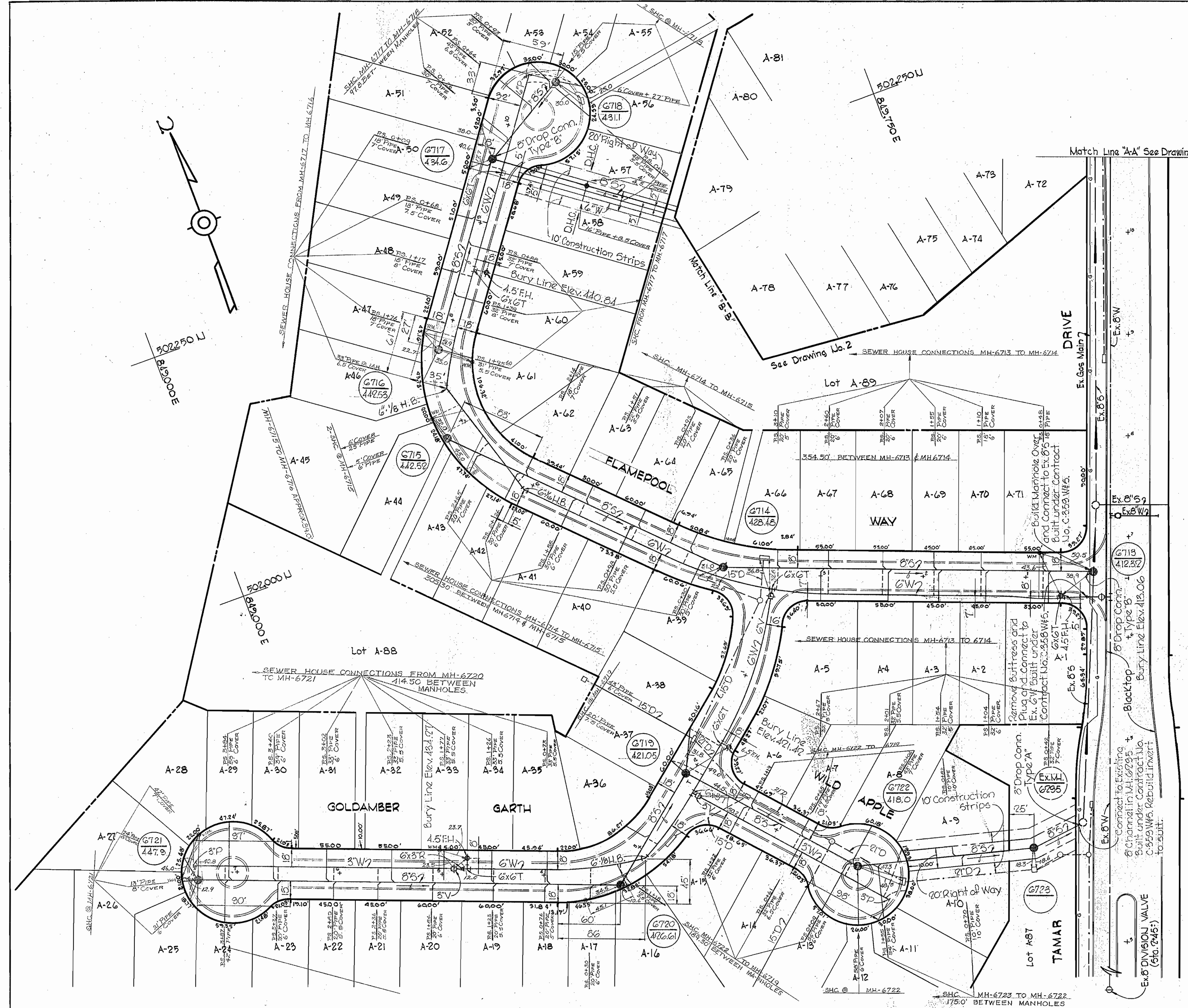
1. Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately.
2. All pipe elevations shown are invert elevations.
3. The Contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities.
4. For all standard details see standards bound in Specifications.
5. All horizontal and vertical controls are based on Maryland State Datum.
6. Clear all utilities by a minimum of 6'; Clear all poles by a minimum of 8'0" or tunnel as required.
7. All water mains to have a minimum of 3 1/2' cover.
8. Block all fittings with concrete, see standards bound in Specifications.
9. All fire hydrants shall be strapped and buttressed in accordance with Standard Details.
10. Cost of strapping fire hydrants and valves to trees to be included in unit price bid for furnishing and laying of water mains.
11. Bury Line elevations on fire hydrants shall be set to elevations shown on drawing.
12. All manholes shall be 4'-0" inside diameter.
13. The Contractor shall provide a joint in all sewer pipe within 2'-0" of exterior manhole walls.

QUANTITIES	
8" Sewer	4,100
3" Water	700
6" Water	3,200
Fire Hydrants	7



Kenneth A. McLeod

Village of Longreach
Section 1 Area 1
Parcels "A" & "M"
Contract No. 431-D-W&S



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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
DATE 7-1-77
W. O. Silbert
CHIEF-BUREAU OF WATER AND SEWER

CONTRACT NO. 431-D-W&S

PLAN OF
WATER & SEWER MAINS

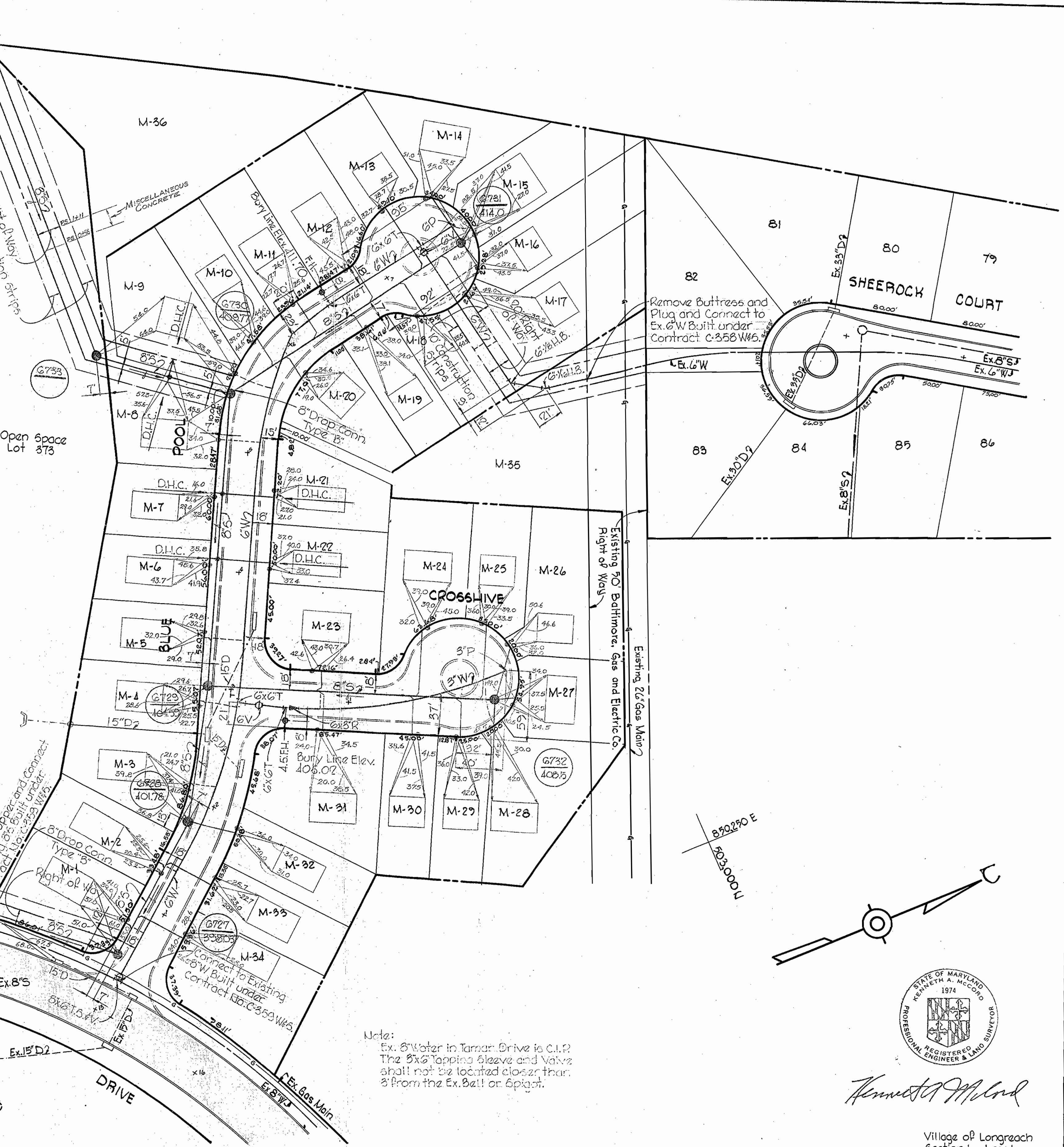
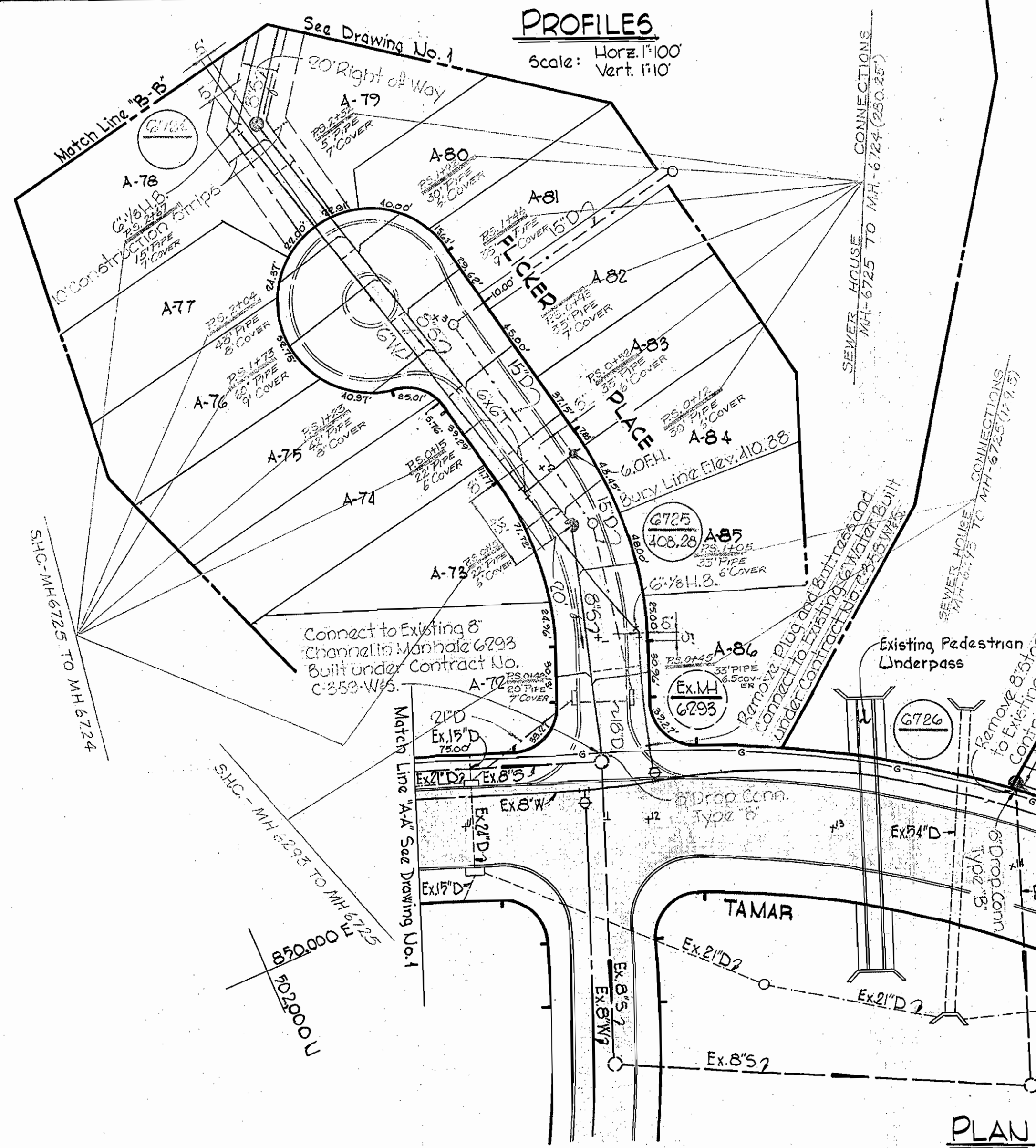
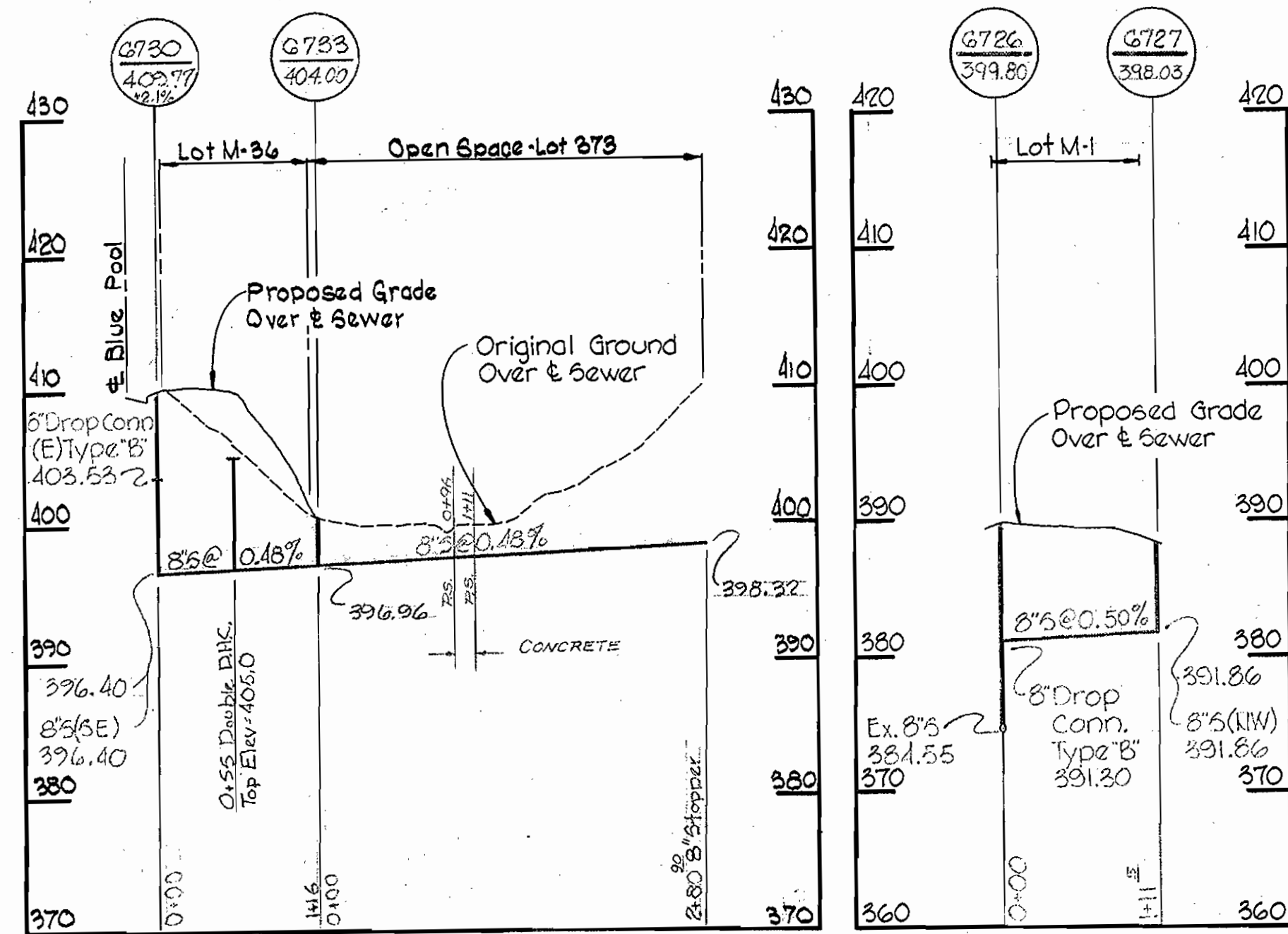
COLUMBIA
VILLAGE OF LONGREACH
ELECTION DISTRICT GUILFORD NO. 6

DRAWING NO. OF 3
SCALE 1" = 50'

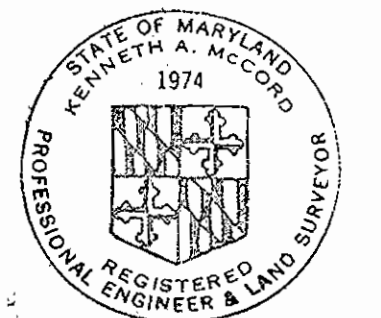
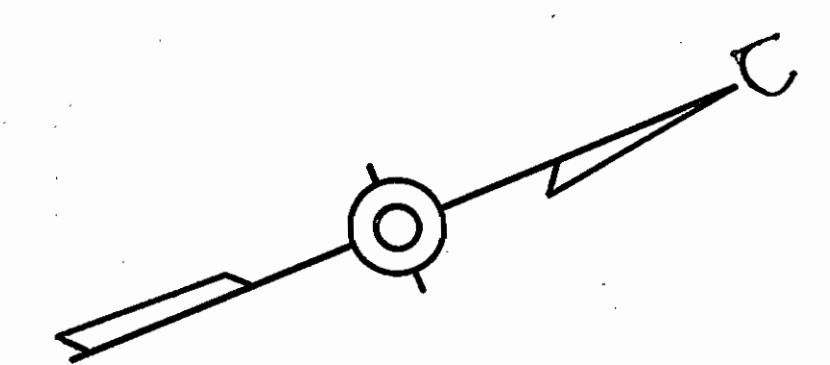
AS BUILT OCT. 29, 1971

25 JUNE 1971

W. O. 6471-2



Note:
 Ex. 8" Water in Tamar Drive is C.I.P.
 The 3" tapping sleeve and valve shall not be located closer than 3' from the Ex. Ball or Spigot.



Kenneth A. McCord

Village of Longreach
 Section 1 Area 1
 Parcel A-111
 Contract No. 431-D-W&S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 7-1-71 <i>W. O. Lambert</i> CHIEF-BUREAU OF WATER AND SEWER	CONTRACT NO. 431-D-W&S	PLAN AND PROFILE OF WATER & SEWER MAINS	COLUMBIA VILLAGE OF LONGREACH ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 2 OF 3 SCALE AS SHOWN
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AS BUILT OCT. 29, 1971 25 JUNE 1971

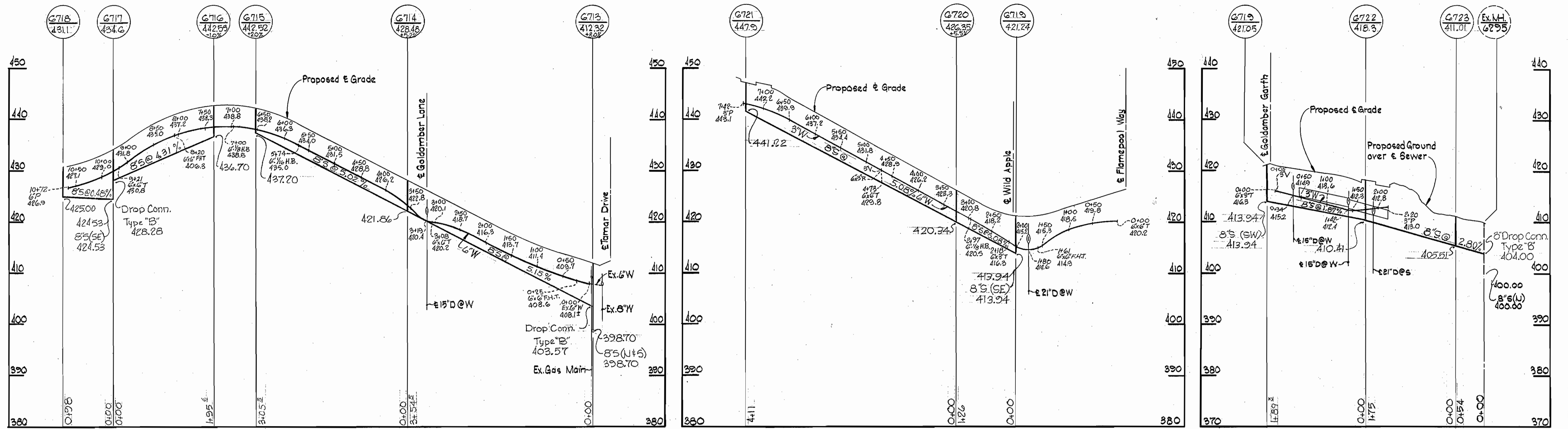
WS 431 W&S/2

WS 431 W&S/3

FLAMEPOOL WAY

GOLDAMBER GARTH

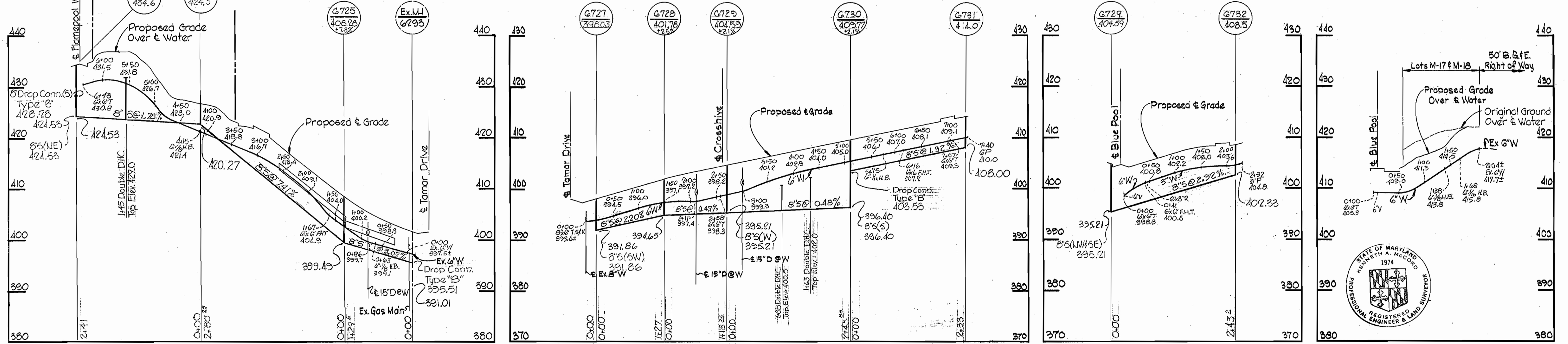
WILD APPLE



FLICKER PLACE

BLUE POOL

CROSSHIVE



Kenneth A. McLeod
 Village of Longreach
 Section 1 Area 1
 Parcel "A" & "M"
 Contract No. 431-D-W&S

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

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 DATE 7-1-71
 W. O. Pilbert
 CHIEF-BUREAU OF WATER AND SEWER

CONTRACT NO. 431-DW&S

PROFILES OF
 WATER & SEWER MAINS

COLUMBIA
 VILLAGE OF LONGREACH
 ELECTION DISTRICT GUILFORD NO. 6

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

AS BUILT OCT. 29, 1971 25 JULIE 1971

W. O. 6471-2