

**VICINITY MAP**  
Scale: 1" = 2000'

**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. Clear all utilities by a minimum of 6'; clear all poles by 2'-0" minimum or tunnel as required.
6. The Contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole walls.
7. All manholes shall be 4'-0" inside diameter.
8. All water mains to have a minimum of 3 1/2' cover unless otherwise noted.
9. Block all fittings with concrete, see standards bound in Specifications.
10. Bury line elevations on fire hydrants shall be set to the elevations shown on the drawings.
11. All fire hydrants shall be strapped to the tee and shall be buttressed with concrete in accordance with standard details.
12. All W.H.C.'s to be 1" diameter unless otherwise noted.
13. All horizontal and vertical controls are based on Maryland State Datum.

QUANTITIES	
ITEM	QUANTITIES
8" Sewer	4907 LF
8" Water	289 LF
6" Water	5581 LF
Fire Hydrants	8

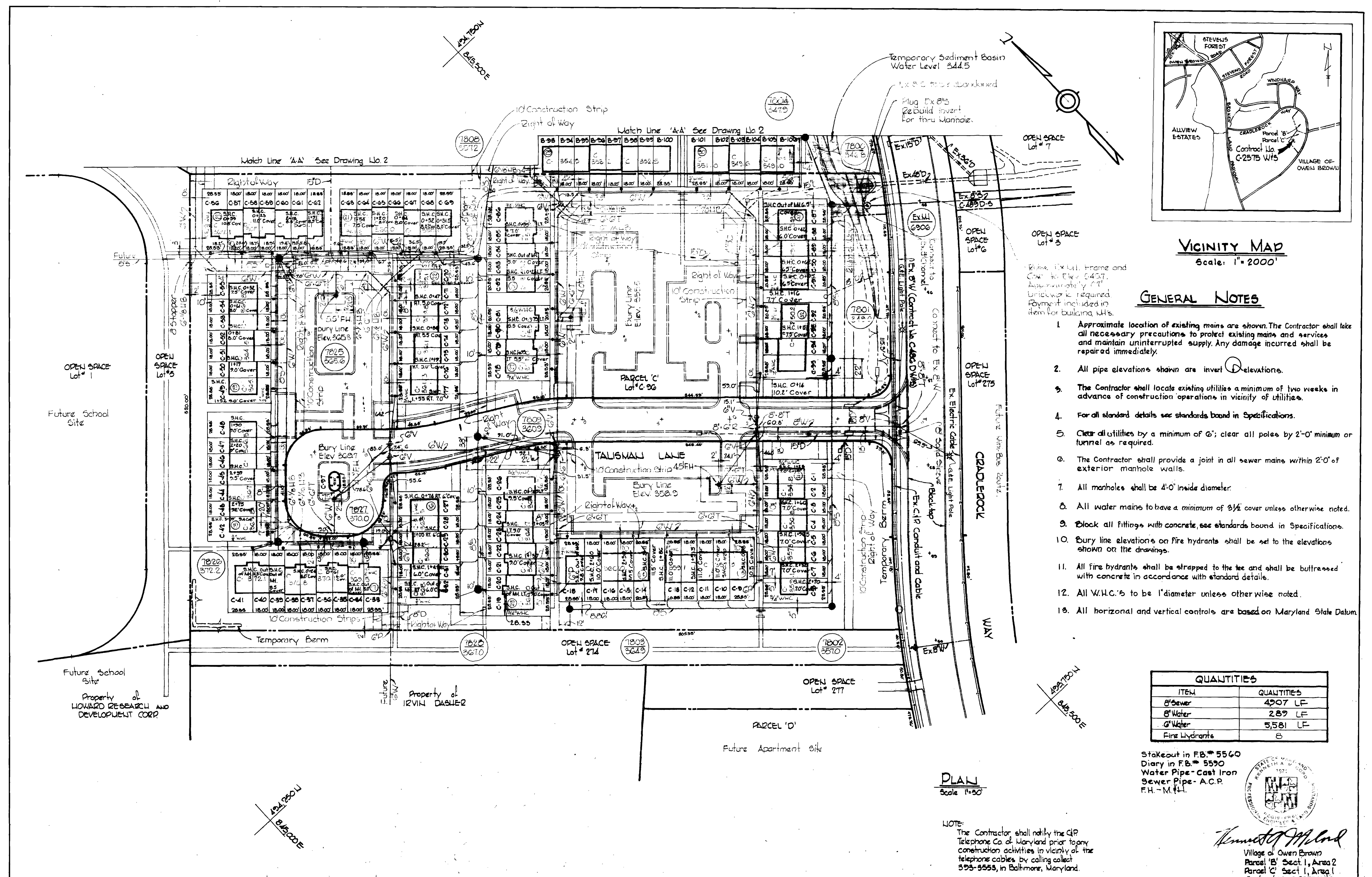
Stakeout in F.B.# 5560  
Diary in F.B.# 5590  
Water Pipe - Cast Iron  
Sewer Pipe - A.C.P.  
P.H. - M.H.



*Kenneth M. Lord*  
Village of Owen Brown  
Parcel 'B' Sect. 1, Area 2  
Parcel 'C' Sect. 1, Area 1  
Contract No. C-2575 W/S

**PLAN**  
Scale: 1" = 50'

NOTE:  
The Contractor shall notify the QP Telephone Co. of Maryland prior to any construction activities in vicinity of the telephone cables by calling collect 303-3553, in Baltimore, Maryland.



WS 575 W/S/1

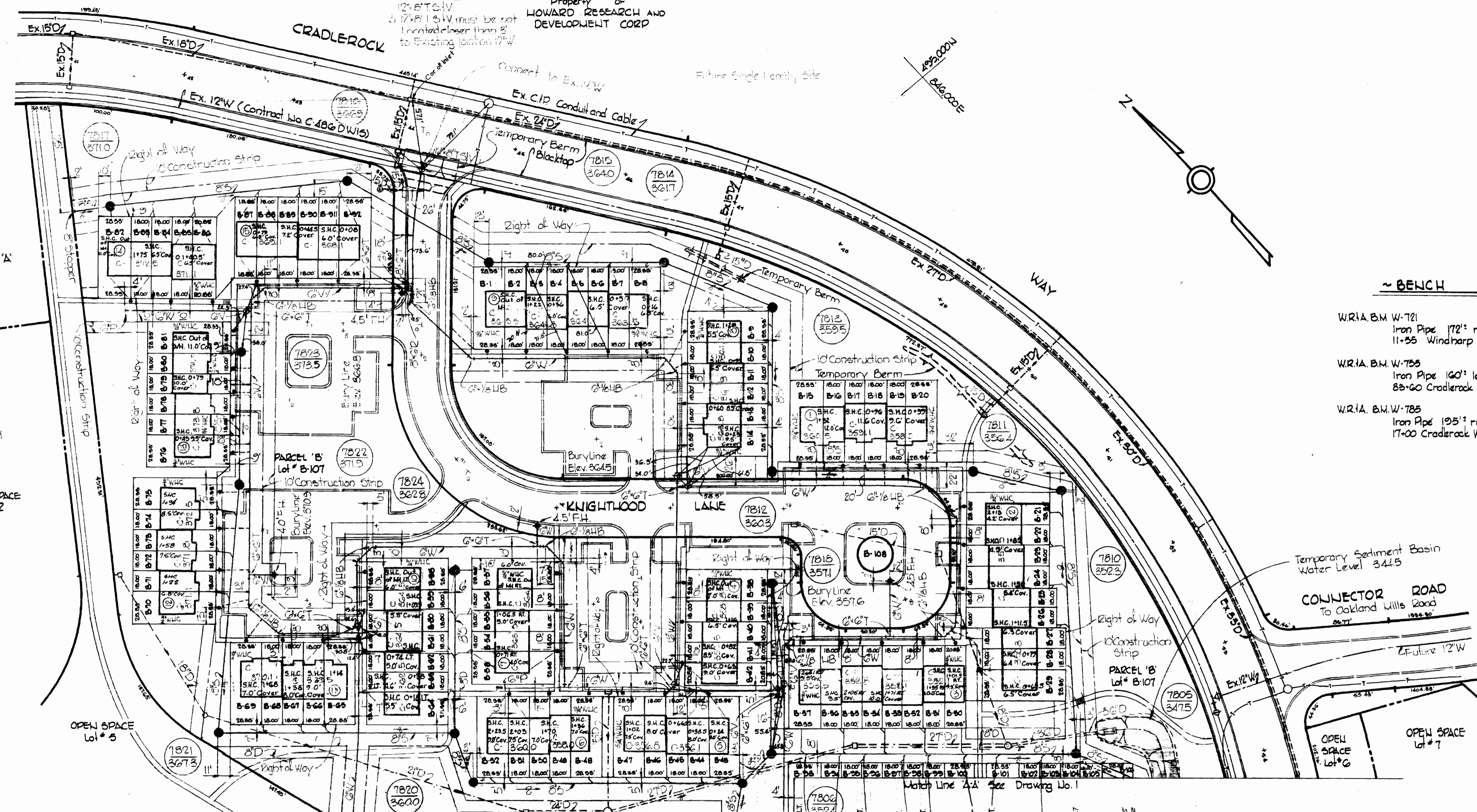
<b>WHITMAN, REQUARDT &amp; ASSOCIATES</b> ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	<b>DEPARTMENT OF PUBLIC WORKS</b> HOWARD COUNTY, MARYLAND DATE: 1-10-73 <i>W. O. Schubert</i> CHIEF BUREAU OF ENGINEERING	<b>CONTRACT NO. C-2575 W/S</b>	<b>PLAN OF WATER &amp; SEWER MAINS</b>	<b>COLUMBIA VILLAGE OF OWEN BROWN ELECTION DISTRICT GUILFORD NO. 6</b>	<b>DRAWING NO. 1 OF 4 AS SHOWN</b>
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W. O. 60282

August 15, 1974 AS BUILT

NOTE:  
 1. Existing 12" Man. I.C.P.  
 2. Under Existing P.W.  
 3mm each side of  
 12" S.T.C.V.  
 3. 17x8 1/2" S.W. must be not  
 located closer than 2'  
 to Existing location P.W.

Property of  
 HOWARD RESEARCH AND  
 DEVELOPMENT CORP



- ~ BENCH MARKS ~
- W.R.I.A. B.M. W-721 Elev. 377.54  
Iron Pipe 172' right of station  
11-55 Windharp Way.
  - W.R.I.A. B.M. W-755 Elev. 505.13  
Iron Pipe 160' left of station  
88-60 Cradlerock Way.
  - W.R.I.A. B.M. W-785 Elev. 351.79  
Iron Pipe 195' right of station  
17-00 Cradlerock Way.

Temporary Sediment Basin  
 Water Level 344.5

CONNECTOR ROAD  
 To Oakland Mills Road  
 85-77' 1000.50'



*Kenneth M. Melrod*

Village of Owen Brown  
 Parcel 'B' Sect. 1, Area 2  
 Parcel 'C' Sect. 1, Area 1  
 Contract No. C-2575 W/S

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

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 1-10-73  
*W.O. Falbert*  
 CHIEF BUREAU OF ENGINEERING

CONTRACT NO. C-2575 W/S

PLAN OF  
 WATER & SEWER MAINS

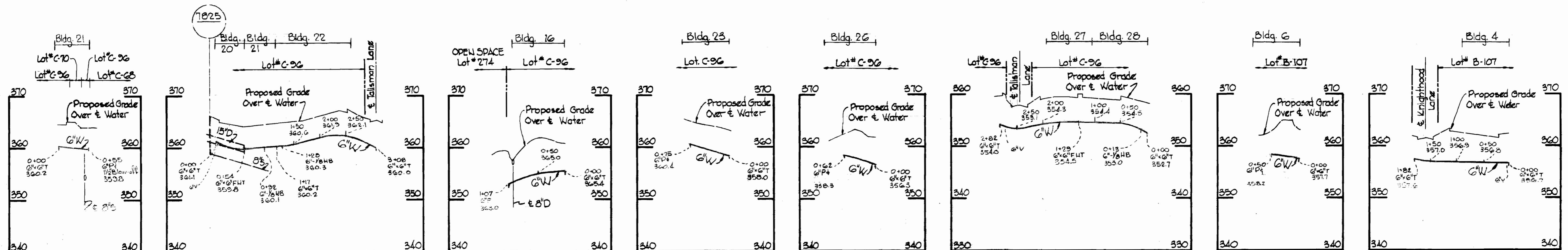
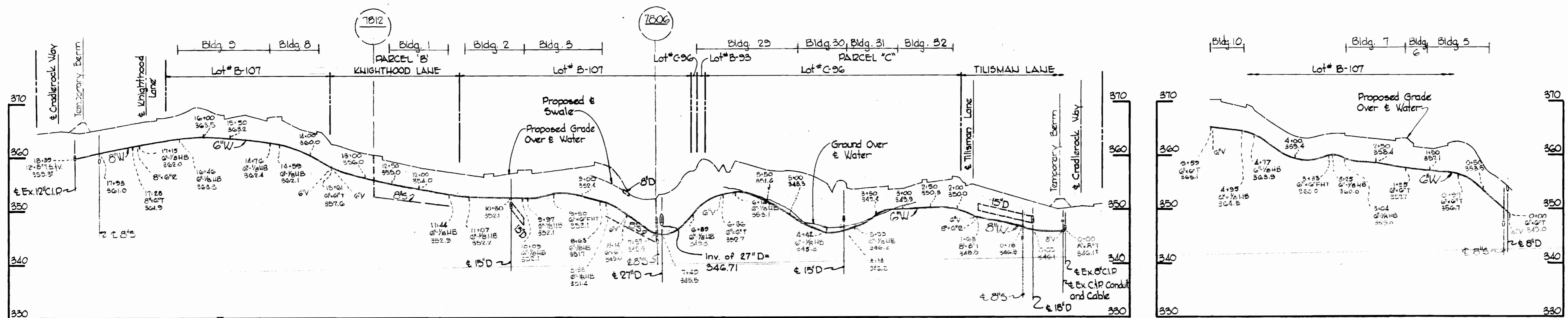
COLUMBIA  
 VILLAGE OF OWEN BROWN  
 ELECTION DISTRICT GUILFORD NO.

DRAWING  
 NO. 2  
 OF 4  
 SCALE  
 1" = 50'

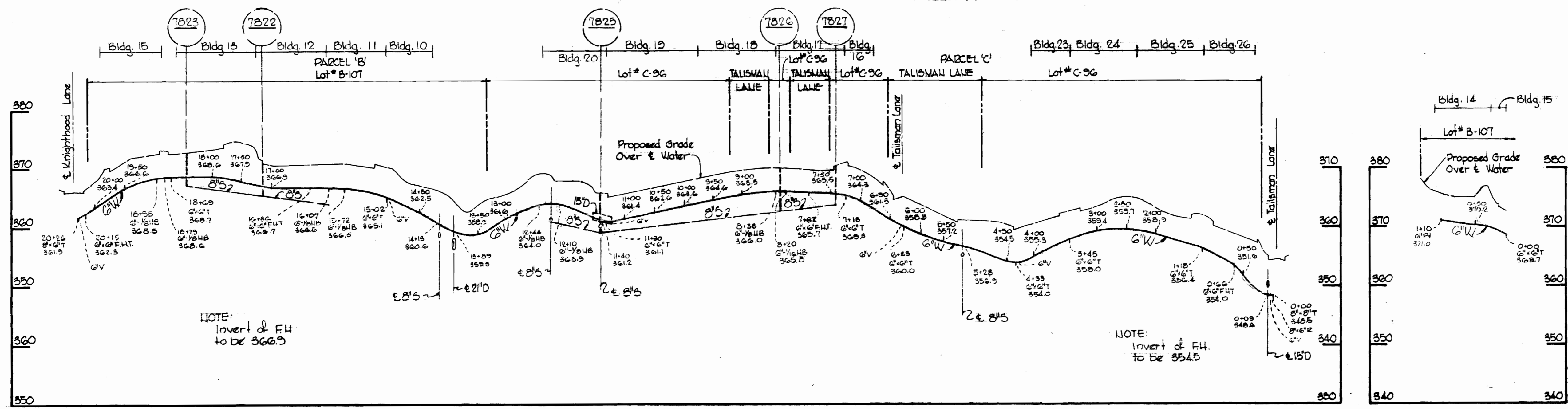
W. O. 6023-2

August 15, 1974 AS BUILT

WS 575 W/S/2



ALL WATER MAINS - CAST IRON PIPE

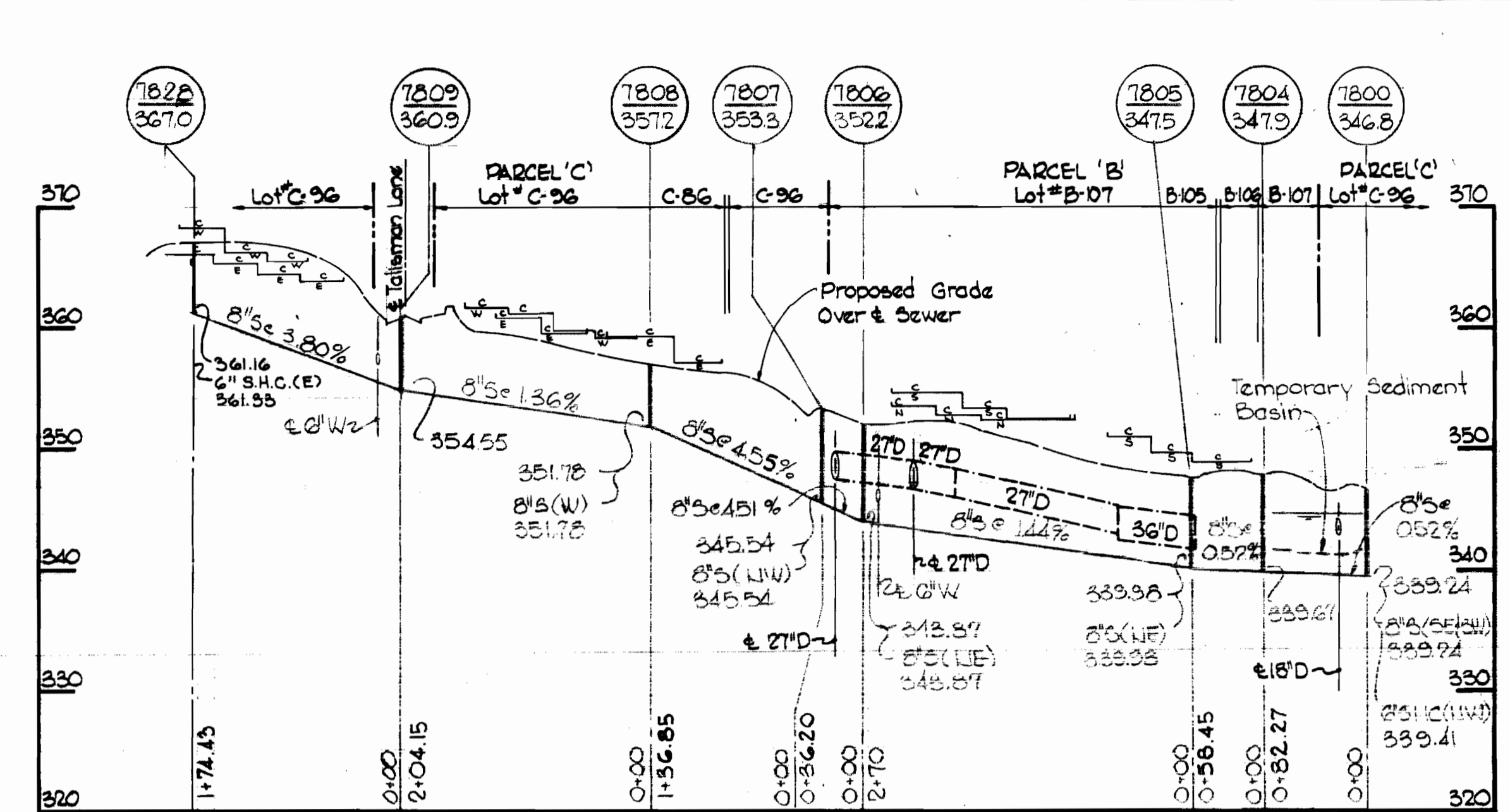
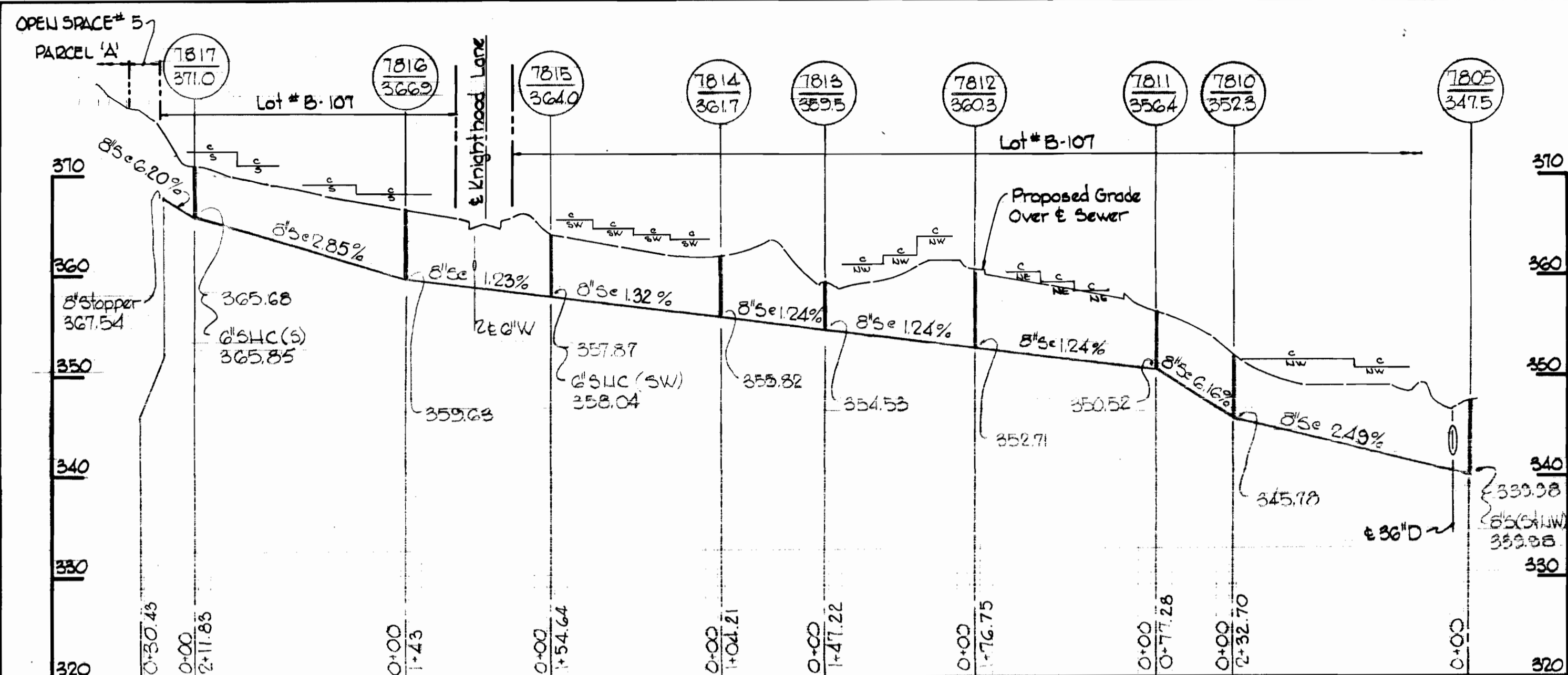


Village of Owen Brown  
Parcel 'B' Sect. 1, Area 2  
Parcel 'C' Sect. 1, Area 1  
Contract No. C-2575 W45

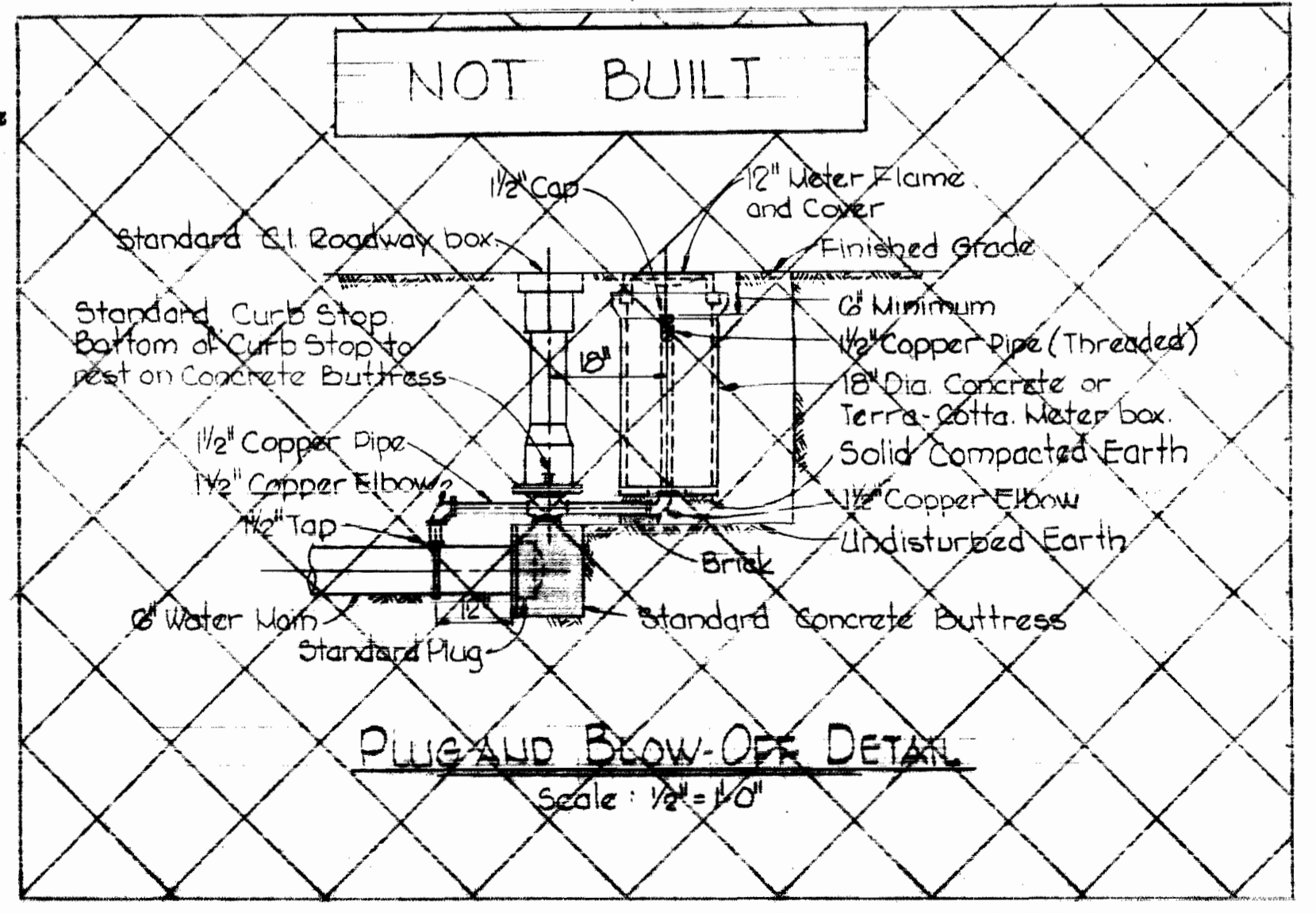
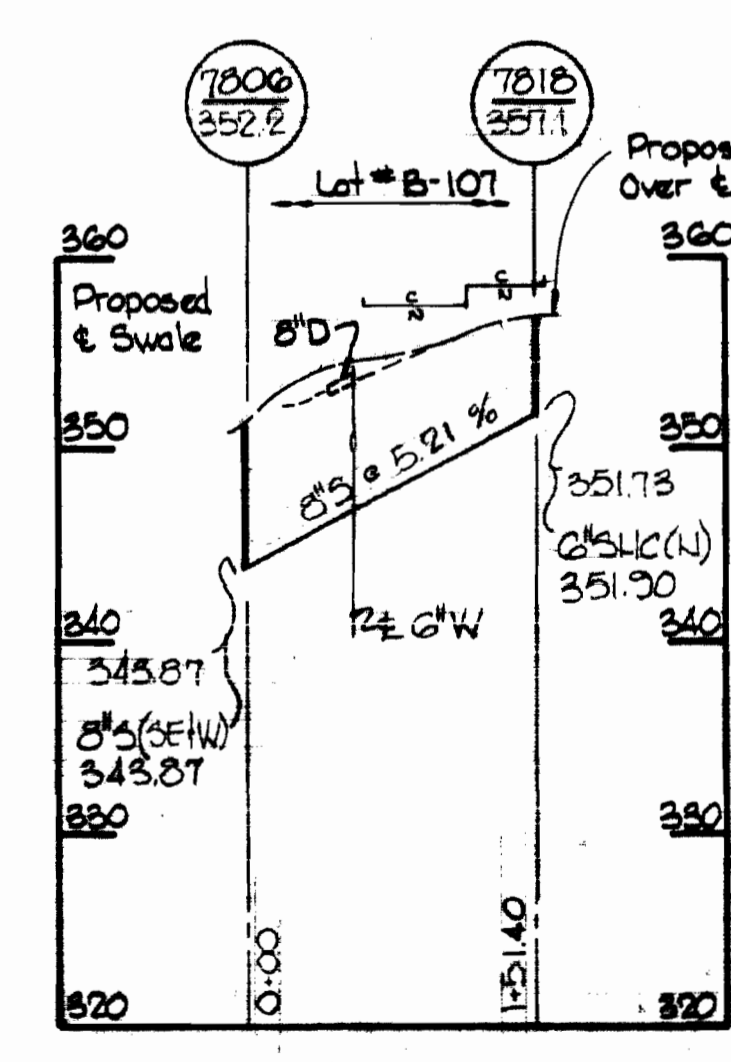
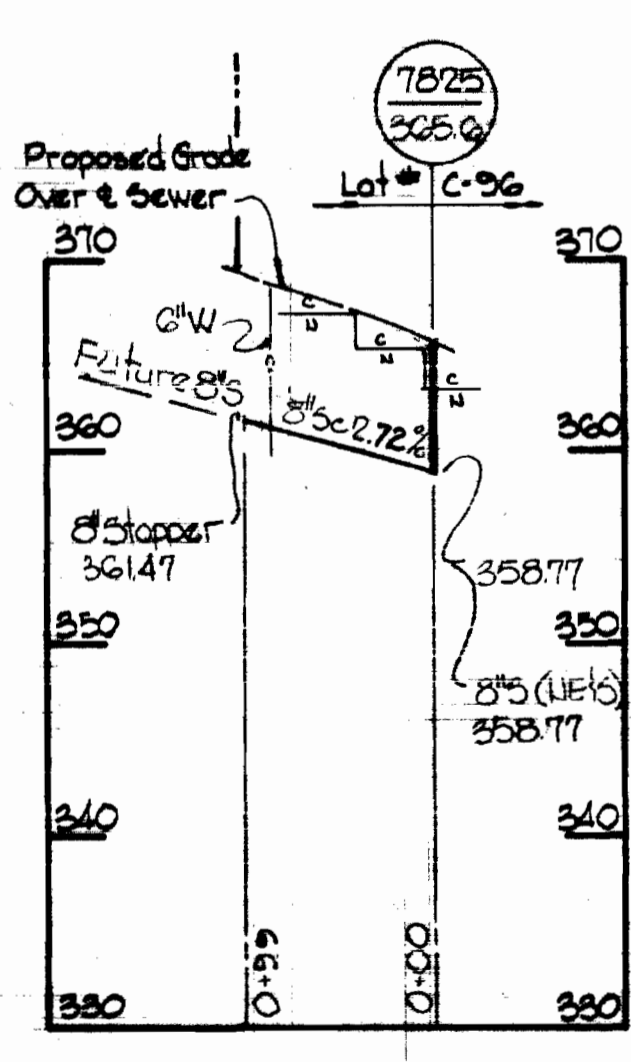
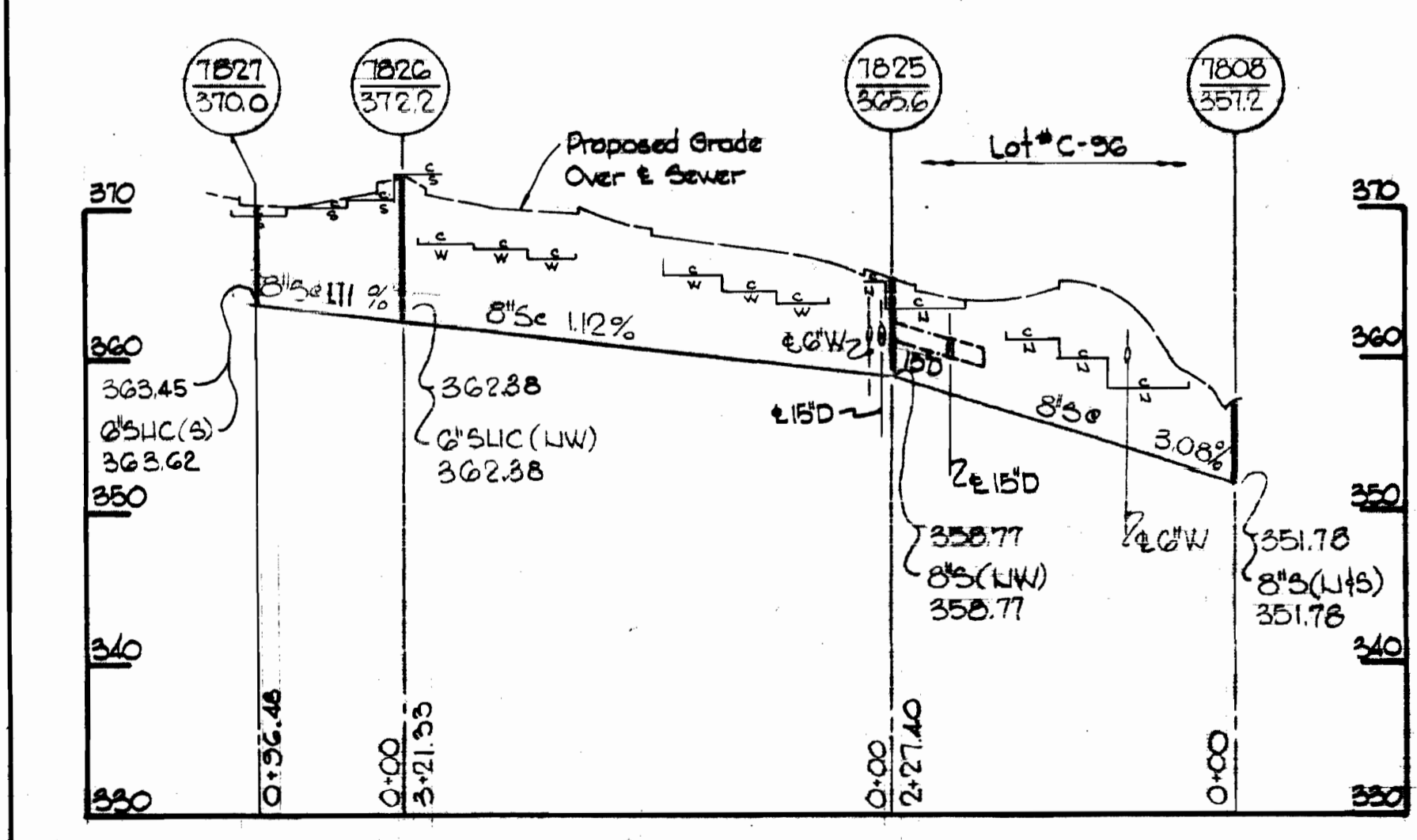
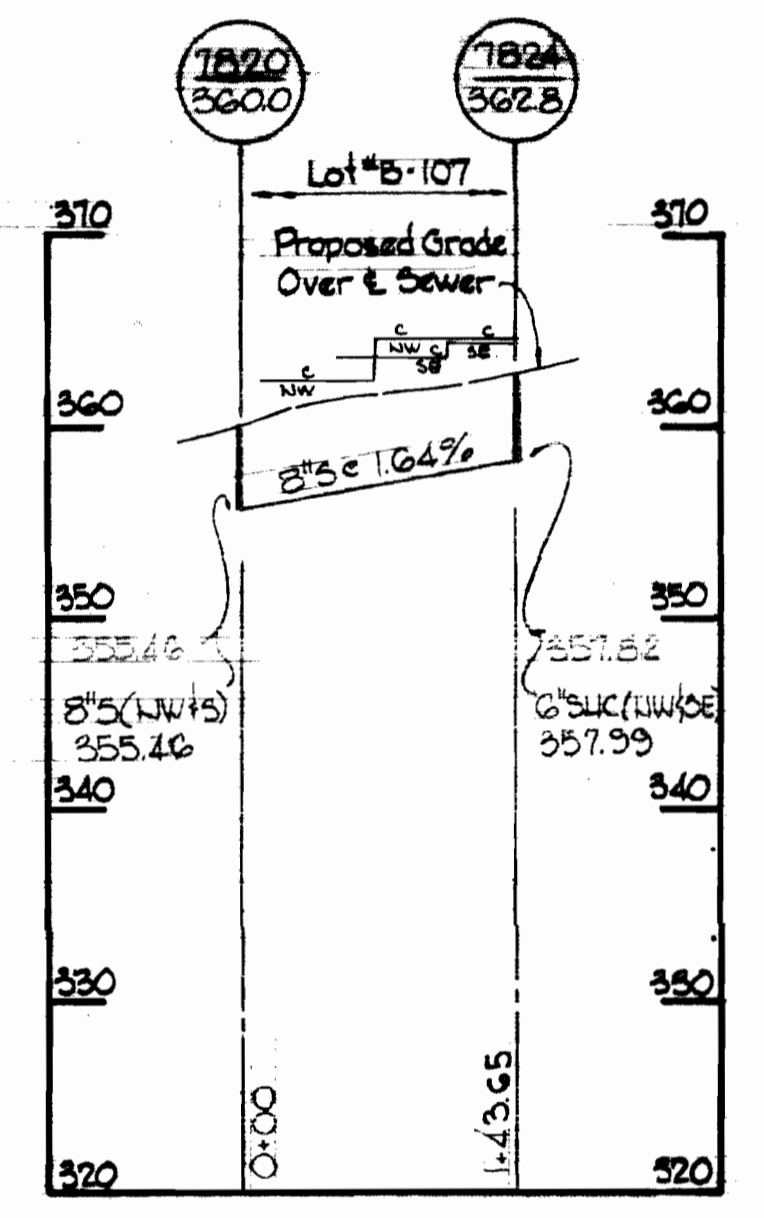
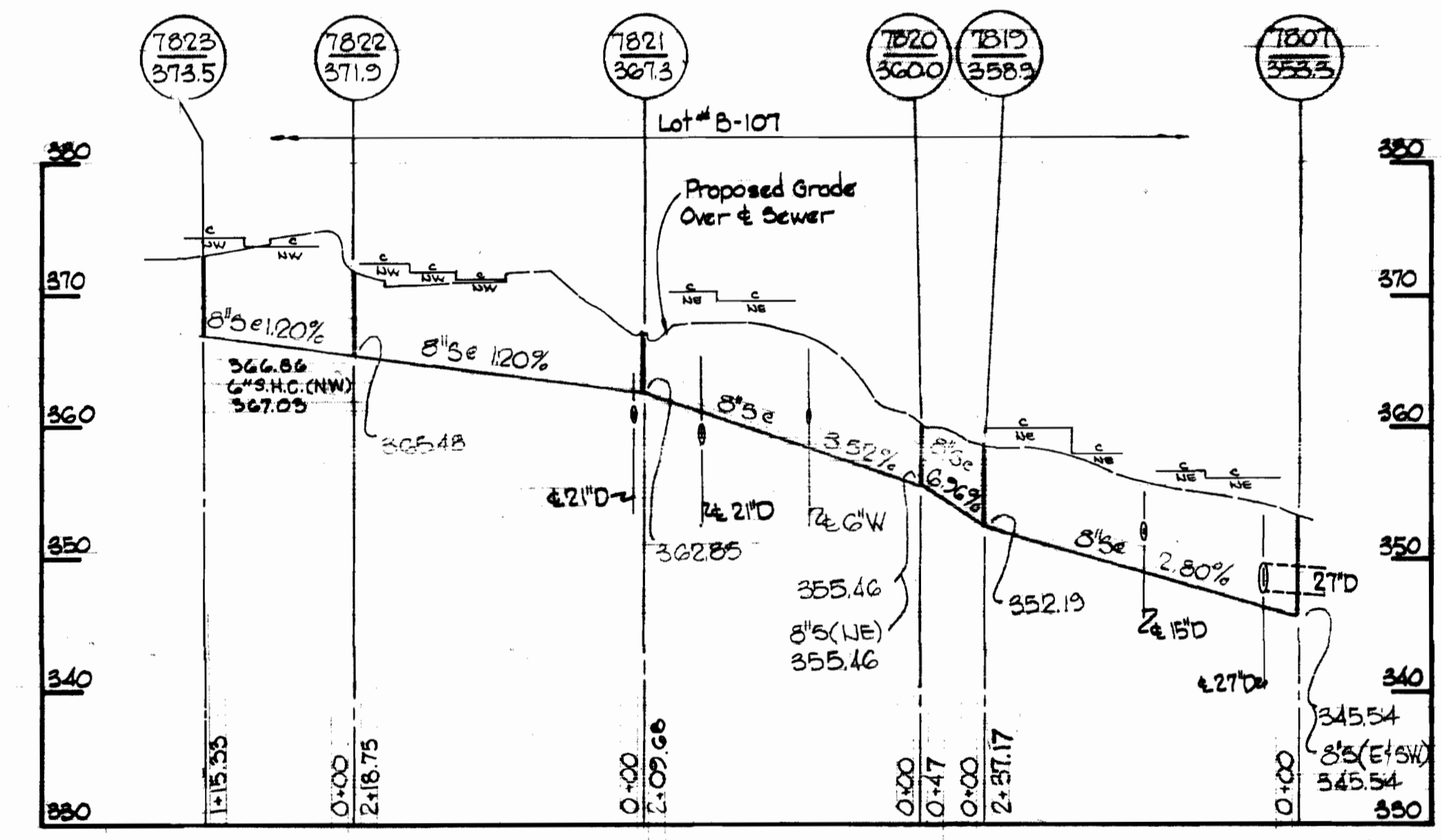
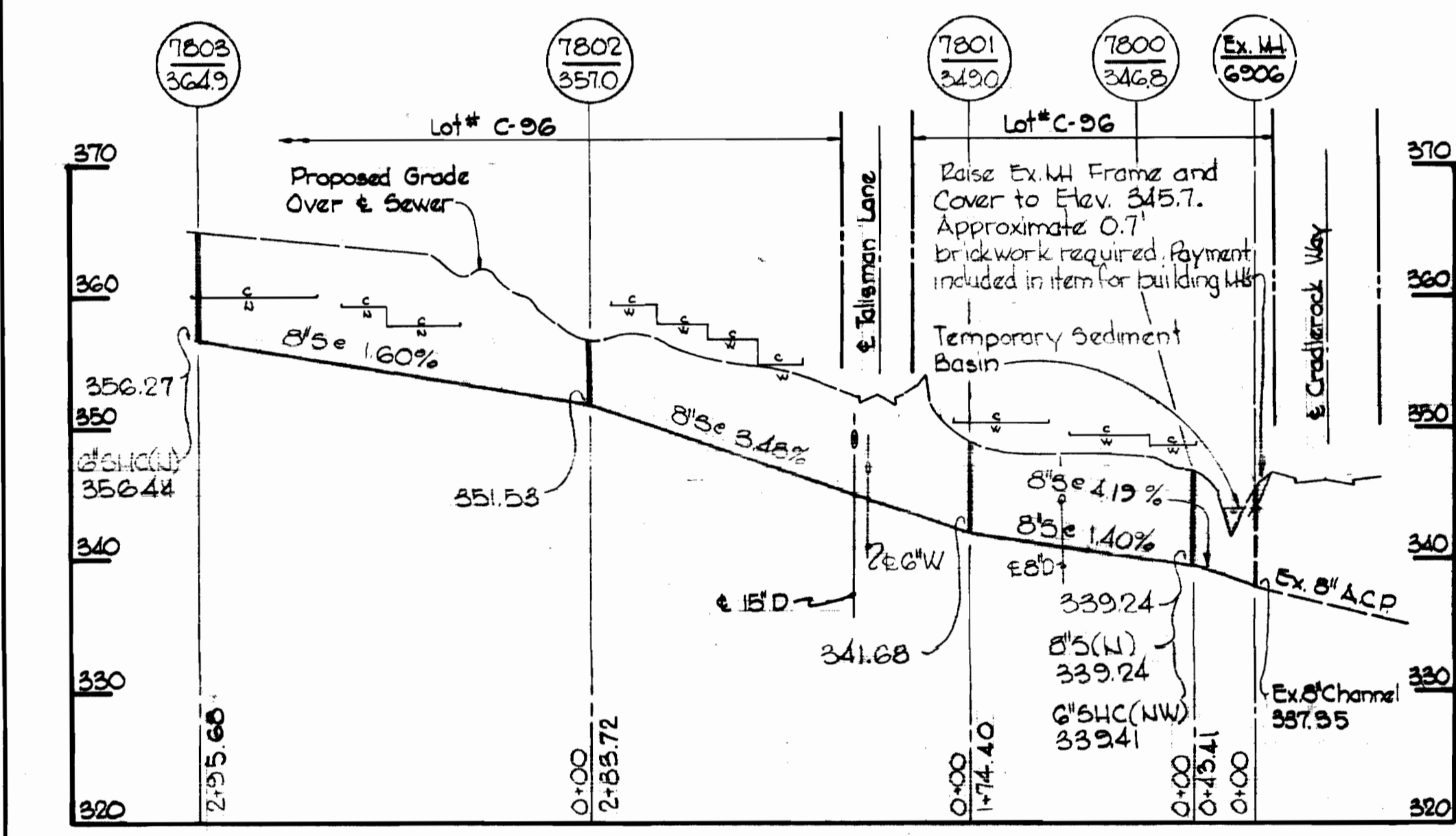
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 1-10-74 DATE W. O. Falbert CHIEF BUREAU OF ENGINEERING	CONTRACT NO. C-2575 W45	PROFILES OF WATER & SEWER MAINS	COLUMBIA VILLAGE OF OWEN BROWN ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 3 OF 4 SCALE H: 1" = 100' V: 1" = 10'
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W. O. 6025-2

August 15, 1974 AS BUILT



ALL SEWER MAINS - A.C.P. CLASS 2400



Village of Owen Brown  
Parcel 'B' Sect. 1, Area 2  
Parcel 'C' Sect. 1, Area 1  
Contract No. C-2575 W15

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

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
1-10-74  
DATE

CONTRACT NO. C-2575 W15

PROFILES AND DETAIL OF  
WATER & SEWER MAINS

COLUMBIA  
VILLAGE OF OWEN BROWN  
ELECTION DISTRICT GUILFORD NO. 6

DRAWING NO. 4 OF 4  
SCALE H:1"=100' V:1"=10'  
AS BUILT August 15, 1974

W. O. 6025-2

WS 575 W15/4