

WINGHAVEN

WINGHAVEN RESIDENTIAL L.L.C. IRONWOOD VILLAGE SEWER AS-BUILTS

The existing sewer lengths, sizes, flowlines, depths of structures and sewers and locations with respect to existing or proposed easements have been measured. The results of those measurements are shown on this set of Final Measurement Plans. Since the wye locations have been plotted from information provided by the sewer contractor or other sources, I disclaim any responsibility for that specific information.

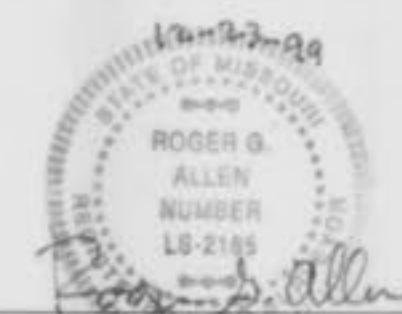
All public sewers are located within designated existing or proposed easements except as shown in this drawing.

The results of those measurements are shown on this drawing by lining out the planned number and indicating the measured number adjacent to the planned number. All other numbers shown have not been measured or verified.

The location of the sewers were determined by locating the manholes and traversing in a straight line between them.

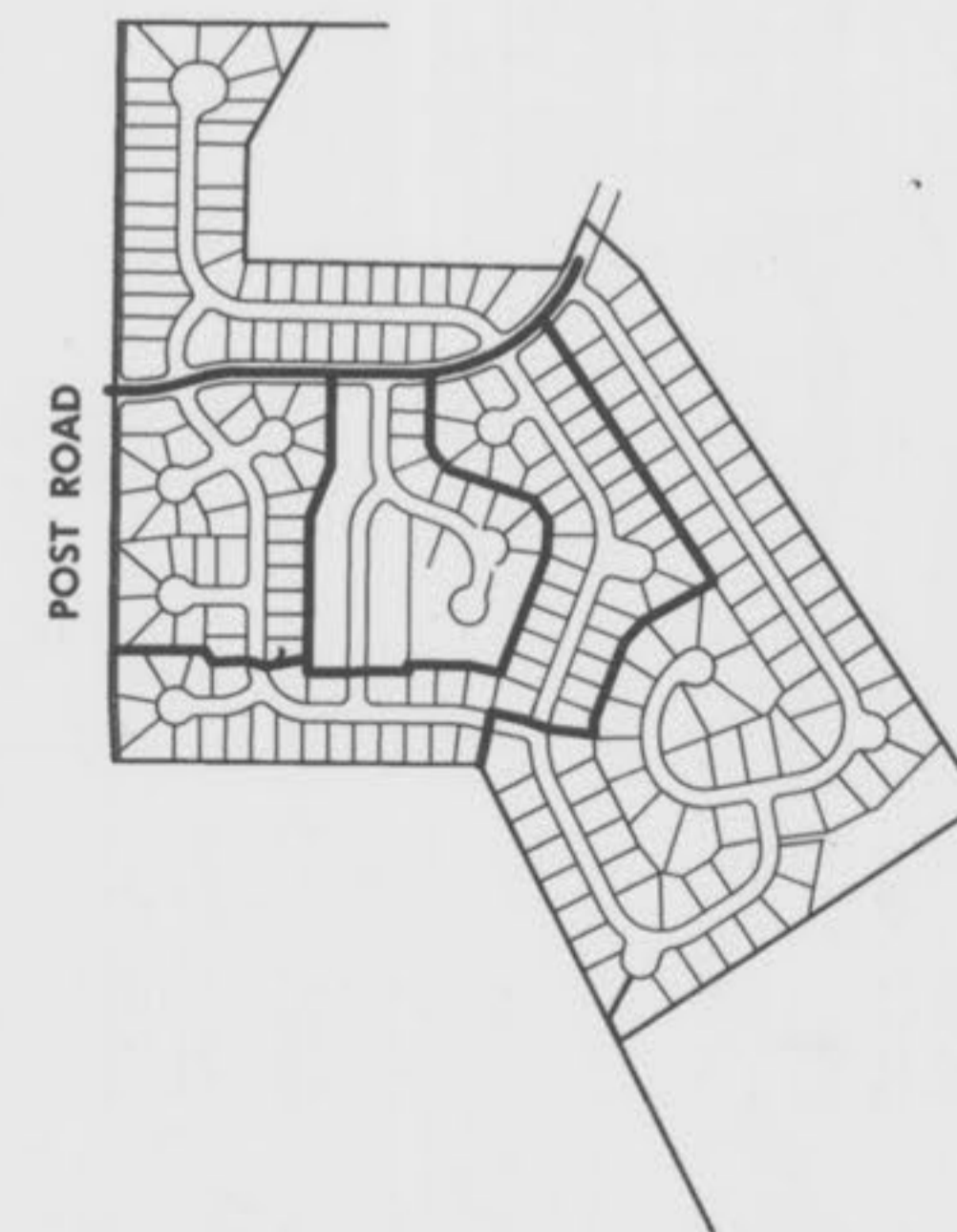
No hydraulic computations have been done on the measured lines to verify or confirm the capacity, freeboard or design requirements of the sewers.

When locating curved pipe segments (which are designated by a *), the straight line distance between units is shown, i.e. both the calculated from the plan distance and the field measured distance. The per cent of grade on curved pipe is calculated from the cord distance.



ROGER G. ALLEN
MO. R.L.S. NO. 2185

VOLZ



Property n/f of
Hemphill
Bk. 284 Pg. 015
Zoned R-2

Property n/f of
Charles T. Moore, L. Strunk
Bk. 1319 Pg. 879
Zoned R-2

Property n/f of
Henry
Bk. 644 Pg. 020
Zoned R-2

Property n/f of
Earle
Bk. 244 Pg. 460
Zoned R-2

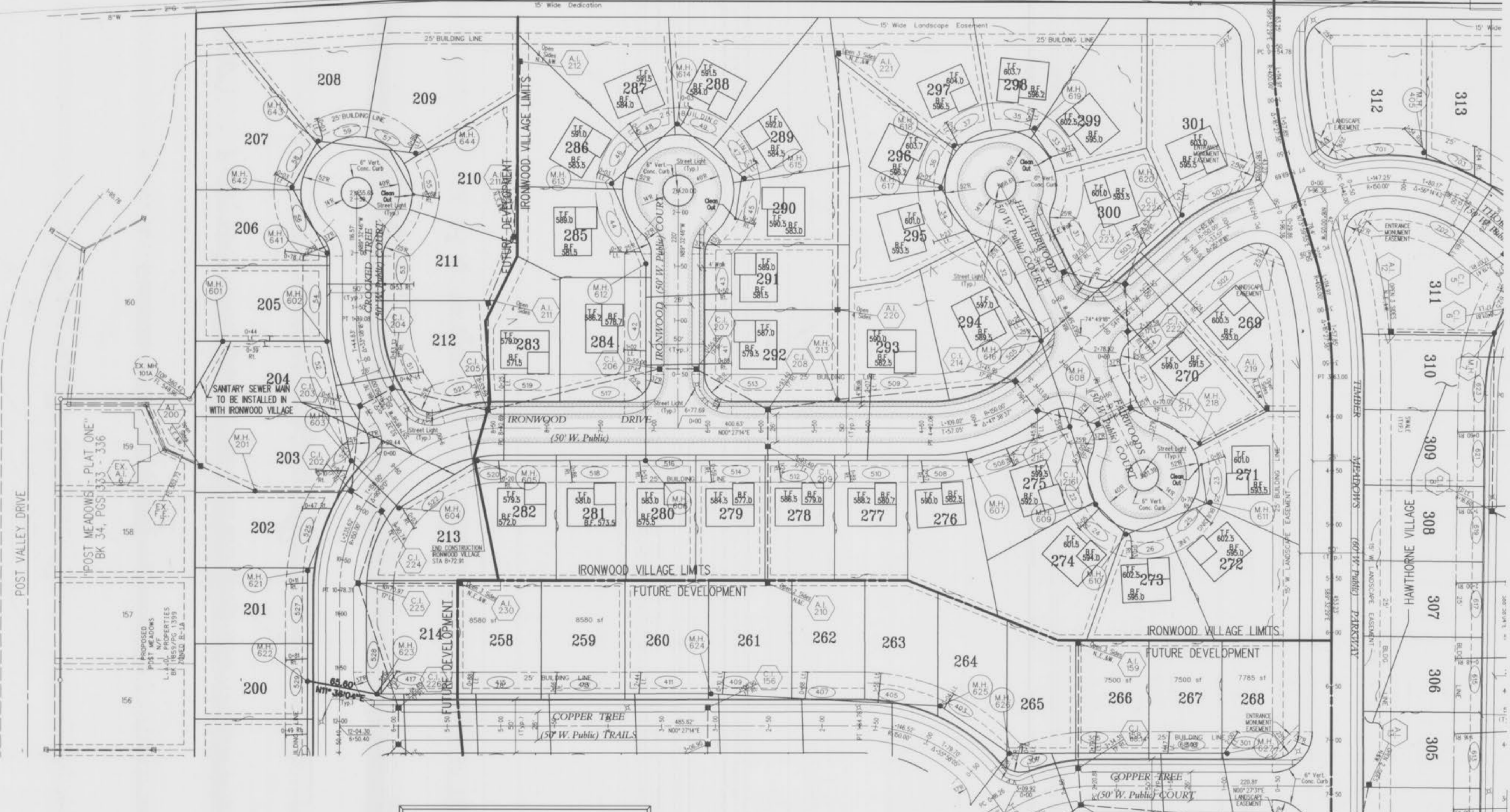
Property n/f of
Frank H. Jr. & Bore Philips
Bk. 759 Pg. 330
Zoned R-2

Property n/f of
Robert B. & Carol A. Burroughs
Bk. 1777 Pg. 777
Zoned R-2

Property n/f of
Kenneth
Bk. 1319 Pg. 879
Zoned R-2



POST ROAD (30'W)



STORMWATER DETENTION FOR WINGHAVEN WILL BE PROVIDED IN SEVERAL DETENTION PONDS WITHIN THE DEVELOPMENT. VOLZ, INC. IS PREPARING A DETENTION STUDY FOR ALL OF WINGHAVEN WHICH WILL SHOW HOW DETENTION IS PROVIDED FOR EACH PHASE OF THE DEVELOPMENT.

This Site Has no areas within the 100 Year Flood Plain per FIRM Map No. 29183C0220 E



SEWER AS-BUILTS

WINGHAVEN
RESIDENTIAL L.L.C.
*1 MCBRIDE & SON
CORPORATE CENTER DRIVE
ST. LOUIS, MISSOURI 63005
PHONE (314) 537-2000

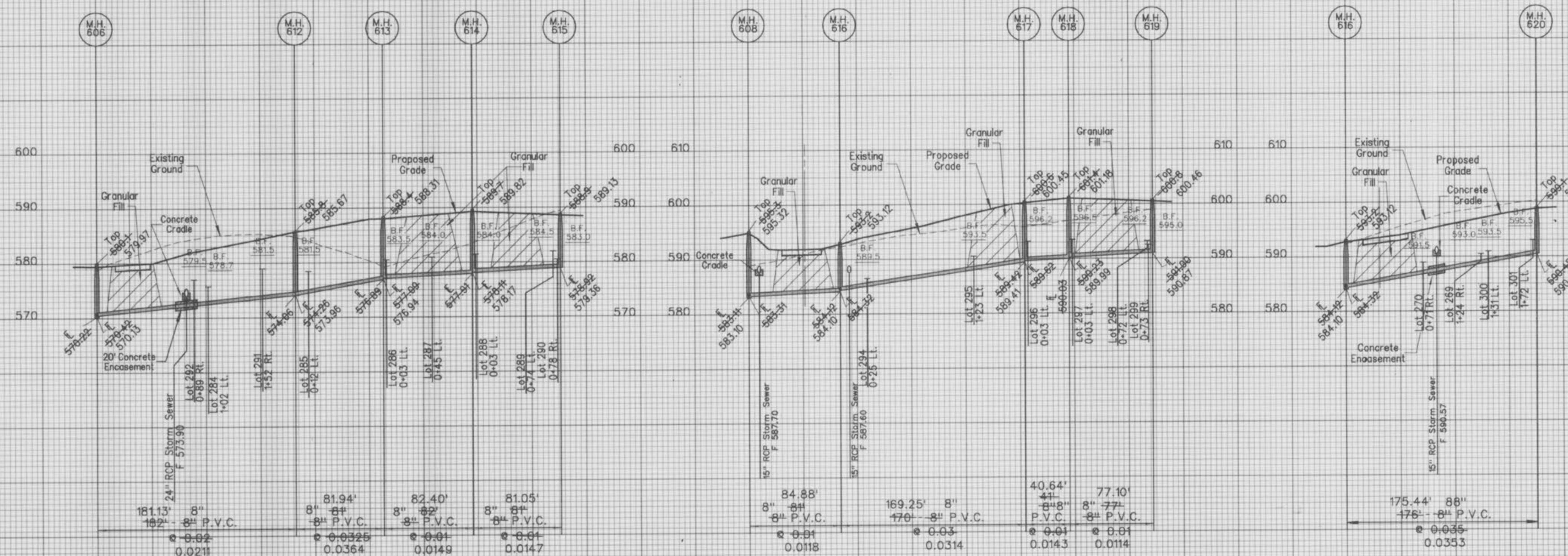
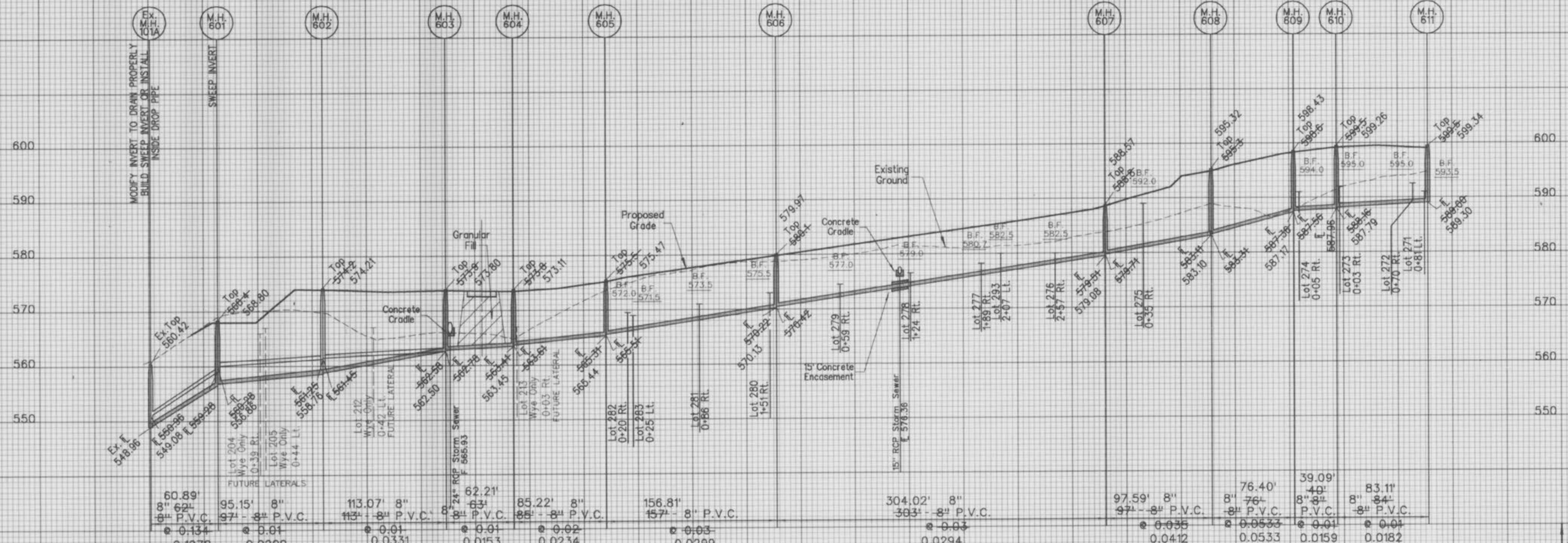


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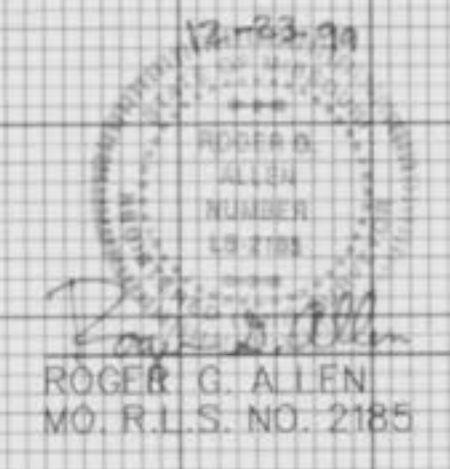
IRONWOOD VILLAGE

SITE PLAN
Design By: R.L.M.
Drawn By: G.A.S.
Checked By: E.A.K.
5500

8-23-99
2



Scale: 1"=10' Vert.
1"=50' Horiz.



SEWER AS-BUILTS

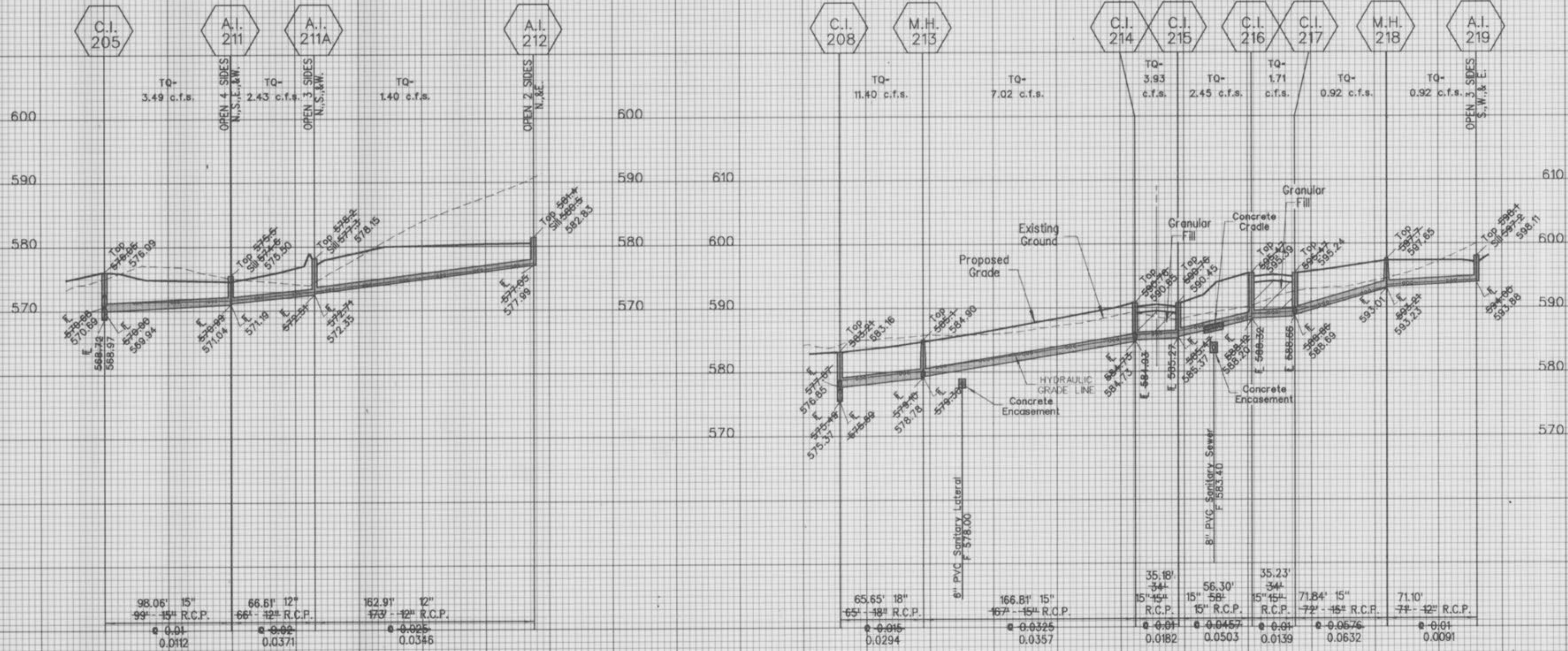
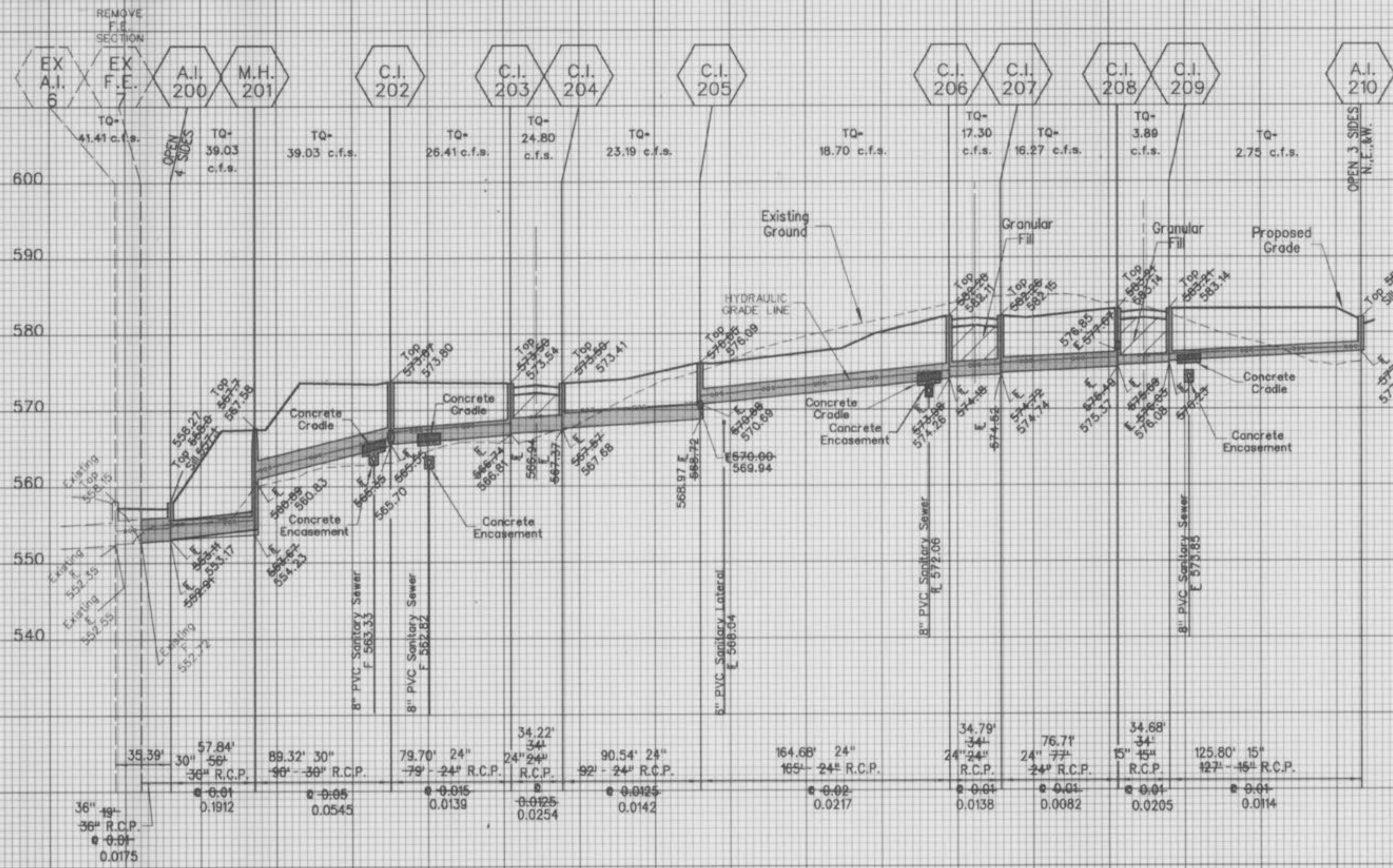
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WINGHAVEN™

IRONWOOD VILLAGE

SANITARY SEWER PROFILES
Design By: O.A.S.
Drawn By: O.A.S.
Checked By: E.A.K.
5000
R-22-99
5



ROGER O. ALLEN
 M.O. R.L.S. NO. 2185

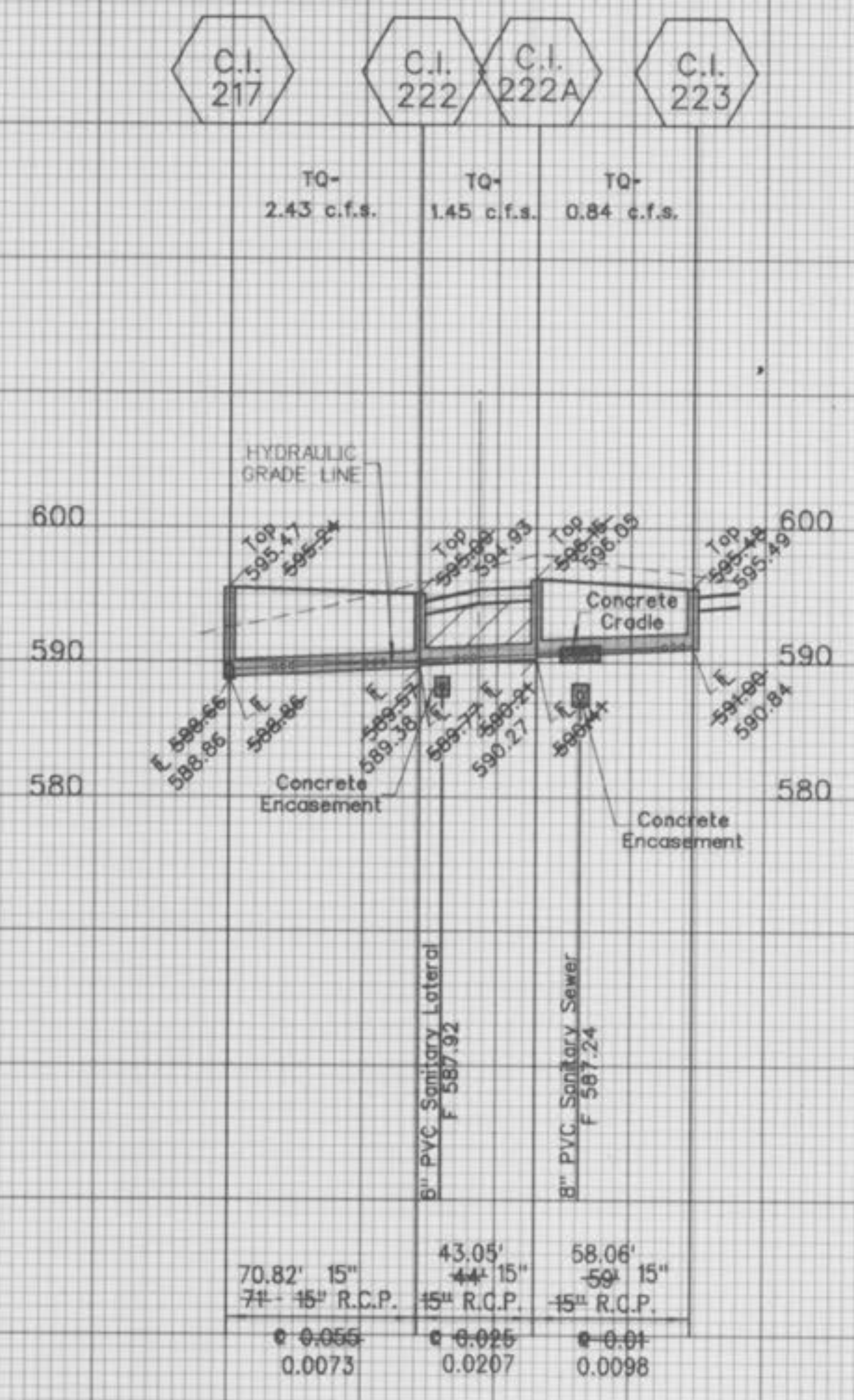
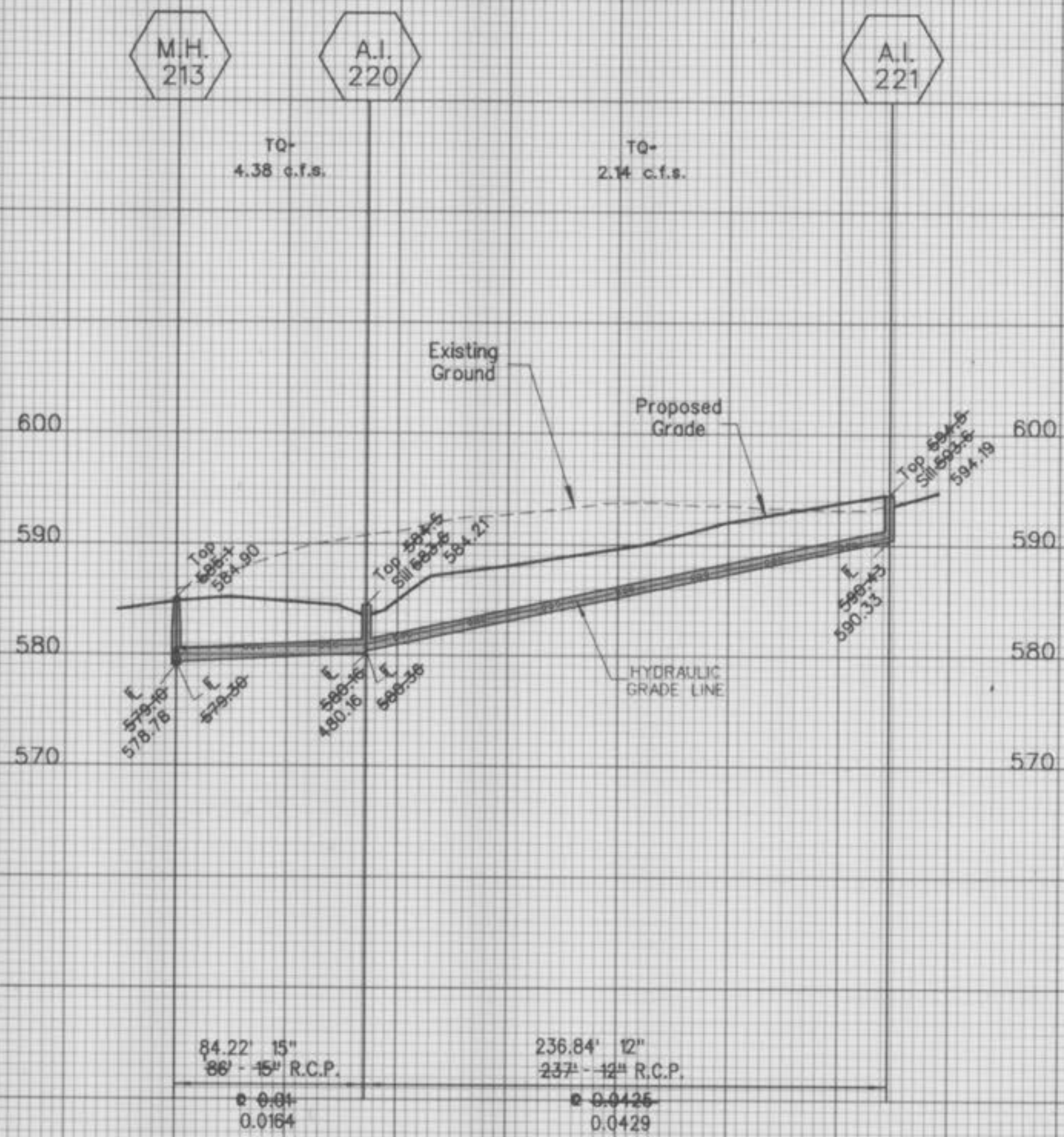
SEWER AS-BUILTS

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VOLZ

WINGHAVEN™
 IRONWOOD VILLAGE

STORM SEWER PROFILES
 Design By: G.A.S.
 Drawn By: G.A.S.
 Checked By: E.A.K.
 5000
 8-22-99
 6



Scale: 1"=10' Vert.
 1"=50' Horiz.

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 IRONWOOD VILLAGE

ROGER E. ALLEN
 M.O. R.L.S. NO. 2185

STORM SEWER PROFILES
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 Drawn By: G.A.S.
 Checked By: E.A.K.
 5000
 7-07-99
 7

SEWER AS-BUILTS