

PLANS FOR CONSTRUCTION OF
SANITARY SEWERS, STORM SEWERS, GRADING,
PAVING AND WATER MAINS
FOR

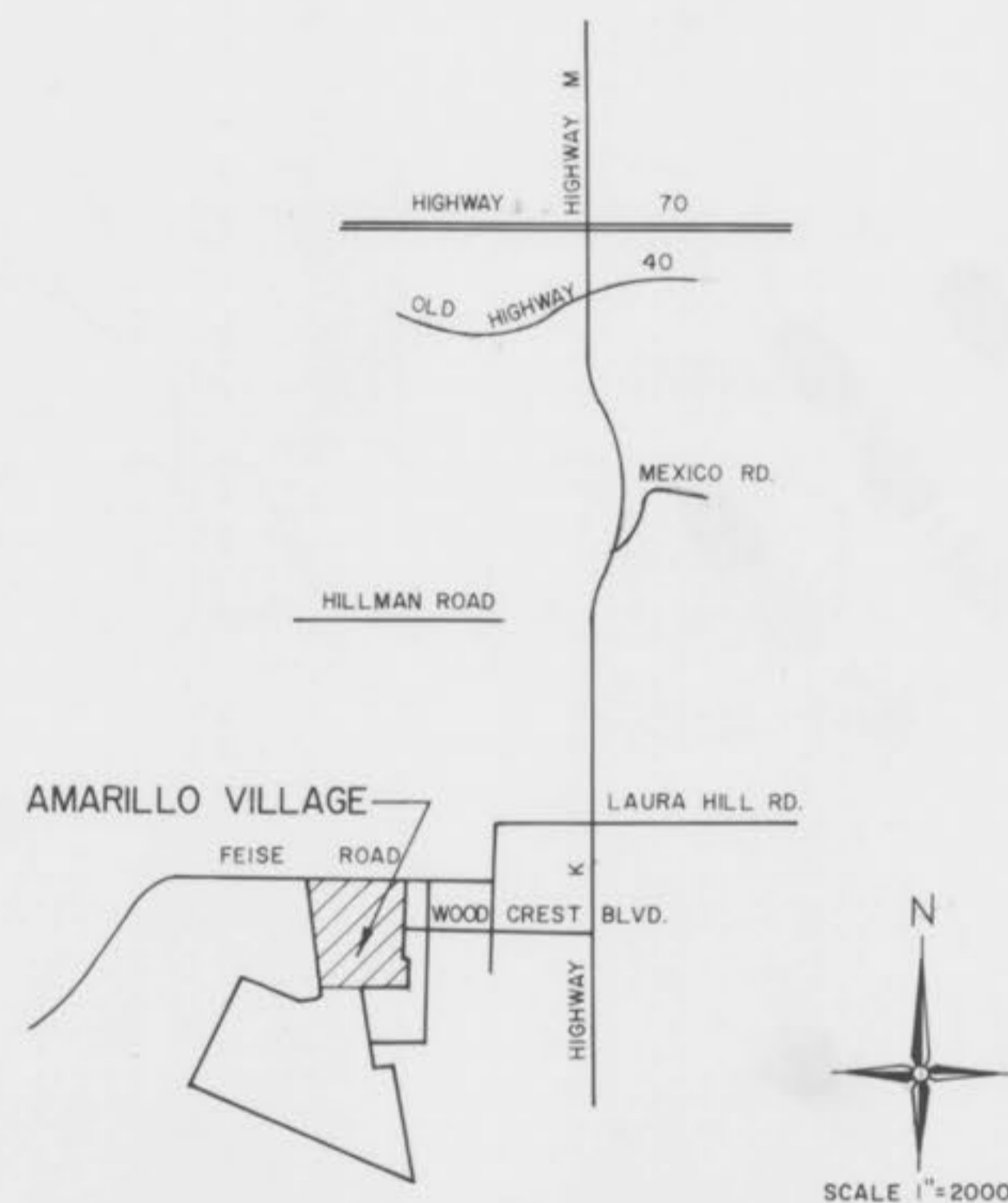
AMARILLO VILLAGE PHASE ONE

PART OF FRACTIONAL SECTION 5 &
PART OF US. SURVEYS 1771 & 3180, T.46N.-R.3E.
ST. CHARLES COUNTY, MISSOURI

GENERAL NOTES:

- 1) Underground utilities have been plotted from available information and therefore their locations shall be considered approximate only. The verification of the location of all underground utilities, either shown or not shown on these plans shall be the responsibility of the contractor and shall be located prior to any grading or construction of improvements.
- 2) All Manhole and Inlet tops built without elevations furnished by the Engineer will be the responsibility of the sewer contractor.
- 3) All standard Curb Inlets to have front of inlet 2' (feet) behind curb.
- 4) Storm sewers 18" diameter and smaller shall be A.S.T.M. C-14 unless otherwise shown on the plans.
- 5) Storm sewers 21" diameter and larger shall be A.S.T.M. C-76, Class II minimum, unless otherwise shown on the plans.
- 6) All storm sewer pipe in the right-of-way shall be Reinforced Concrete Pipe (A.S.T.M. C-76 Class II Minimum).
- 7) Corrugated Metal Pipe shall conform to the standard specifications for corrugated culvert pipe M-36, A.A.S.H.O. See plans for gauge.
- 8) 8" PVC Sanitary sewer pipe shall meet the following standards: A.S.T.M. D-3034 SDR-35, with wall thickness compression joint A.S.T.M. D-3212. An appropriate rubber seal waterstop as approved by the sewer district shall be installed between PVC pipe and masonry structures.
- 9) All filled places including trench backfills, under buildings, proposed storm and sanitary sewer lines and/or paved areas, shall be compacted to 90% of maximum density as determined by the Modified A.A.S.H.O. T-180 Compaction Test, (A.S.T.M. D-1557).
- 10) All trench backfills within the public R.O.W., shall be granular backfill. Trench backfills under paved areas outside of public R.O.W. may be granular backfill in lieu of the earth backfill compacted to 90% of the Modified A.A.S.H.O. Compaction Test.
- 11) All sanitary house connections have been designed so that the minimum vertical distance from the low point of the basement to the flow line of a sanitary sewer at the corresponding house connection is not less than the diameter of the pipe plus a vertical distance of 2 1/2 feet.
- 12) No area shall be cleared without the permission of the Project Engineer.
- 13) All grades shall be within 0.2 feet of those shown on the grading plan.
- 14) No slope shall be steeper than 2:1 or as called for in the Soils Report for the project.
- 15) Barricades will consist of three standard specification "Manual on Uniform Traffic Control Devices," end of roadway markers mounted 4' above pavement on two pound "U" channel sign post. Each marker shall consist of an 18" diamond reflectorized red panel.
- 16) All construction materials used shall conform to current St. Charles County standards.

* Granular backfill shall be water settled to attain proper compaction.



LOCATION MAP

DEVELOPMENT NOTES:

- 1) Present Zoning R-1E Single Family
- 2) Area of Tract 38.2 ACRES
- 3) Minimum lot size 7000 square feet
- 4) Tract is served by the following Districts:
 - A) Duckett Creek Sewer District
 - B) St. Charles Co. Water District #2
 - C) Quiver River Electric & No. Edison Electric Co.
 - D) St. Charles Gas Co.
 - E) Continental Telephone Co.
 - F) Port Lumbert School District
 - G) O'Fallon Fire District
- 5) Number of lots proposed 144
- 6) A gas switching line shall be established for all lots.
- 7) The entrance island and all cul-de-sac islands shall be designated as common ground on the record plat.

LEGEND:

- C.I. Curb Inlet
- D.C.I. Double Curb Inlet
- A.I. Area Inlet
- M.H. Manhole
- F.E. Flared End Section
- E.P. End Pipe
- C.P. Concrete Pipe
- R.C.P. Reinforced Concrete Pipe
- C.M.P. Corrugated Metal Pipe
- C.I.P. Cast Iron Pipe
- P.V.C. Poly Vinyl Chloride (Plastic Pipe)
- C.O. Clean Out
- F.H. Fire Hydrant
- Storm Sewer
- Sanitary Sewer
- - - Existing Contour
- Proposed Contour
- Street Sign
- FL Elevation of House Connection
- FL of Sanitary Sewer
- 6 Lot Number
- ⊙ Depth of Block

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"STORM & SANITARY AS BUILT"

June 30, 1981

PROPERTY OF
CITY OF O'FALLON
BUILDING DEPARTMENT

COVER SHEET



ENGINEER
HAROLD J. BAX PE

DEVELOPER
AMARILLO DEVELOPMENT CO.
R.R. 5, Box 24-A
ST. CHARLES, Mo. 63301
Ph. 314-441-1599

DATE: DEC. 1980

SHEET 1 of 17

AMARILLO VILL

14" Plastic Gas Main

1. Saw cut pavement and rebase existing to CMP.
2. Replace with 3" of 1.5" C.M.P. and metal fibered cast section.
3. Slope to be at 1% minimum.
4. Replace pavement to St. Charles County Specifications with 7" type 'X' base and 2" type 'C' top minimum.

FAIRVIEW MANOR PLAY

FEISE ROAD

BIG TIMBER LANE

BIG TIMBER COURT

MARIQUESA DRIVE

AMARILLO

WOODCREST

LAREDO BLVD

PROP W/P OF MICHAEL BREINING

PROP. GOLDEN OAKS SUBD



- SURVEY CONTROL:
1. Crosses or anchors shall be cut into the pavement at the intersection of all streets and at the P.C. & P.T. of each curve.
 2. Crosses shall be cut in curbs at all P.C. and P.T. and the prolongation of all lot lines.

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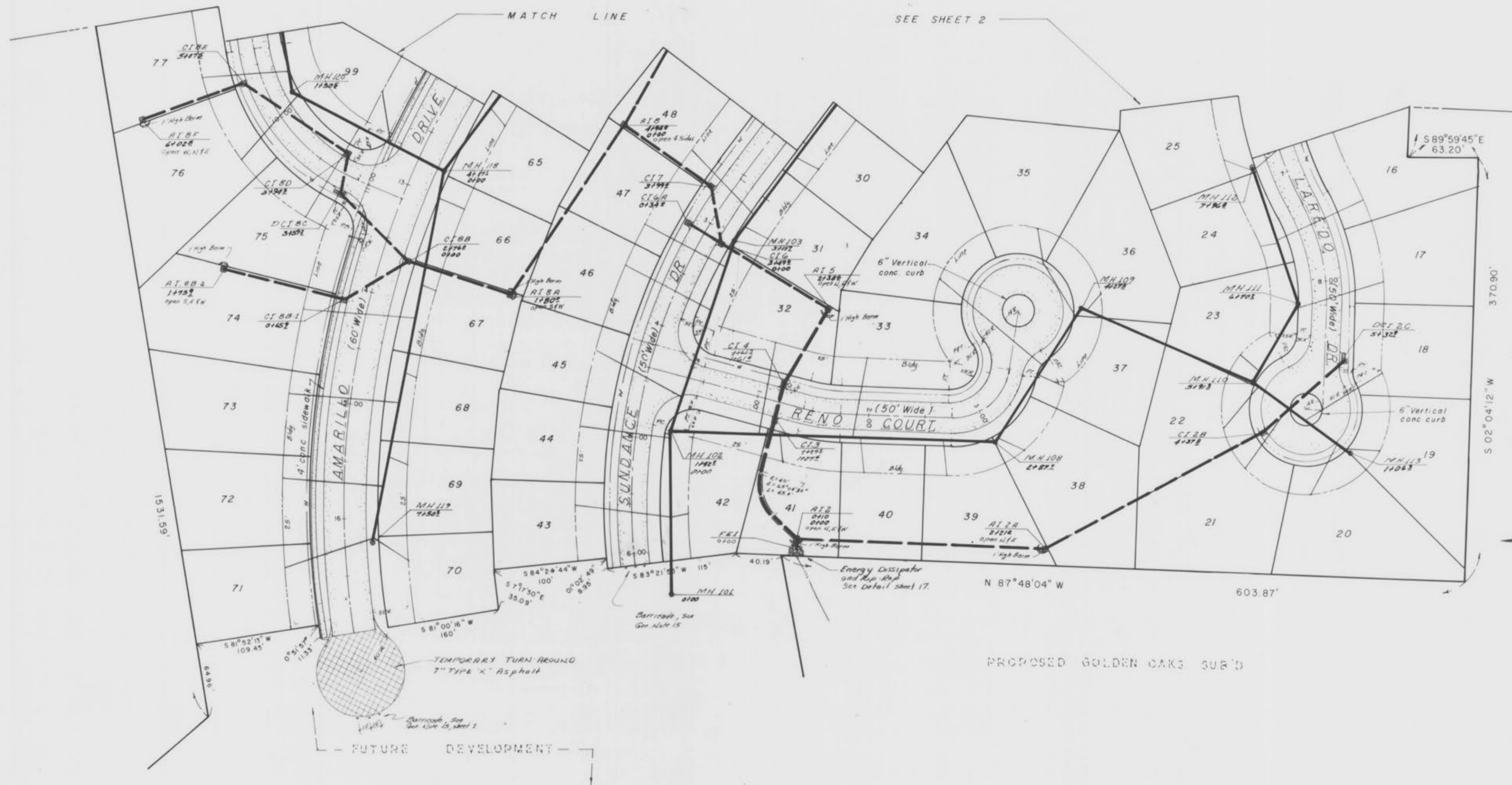
FLAT PLAN	
AMARILLO VILLAGE PHASE ONE	
DATE: DEC. 1980	FIG. 4, 81
SHEET 2 of 17	

"STORM & SANITARY AS BUILT"

June 30, 1981

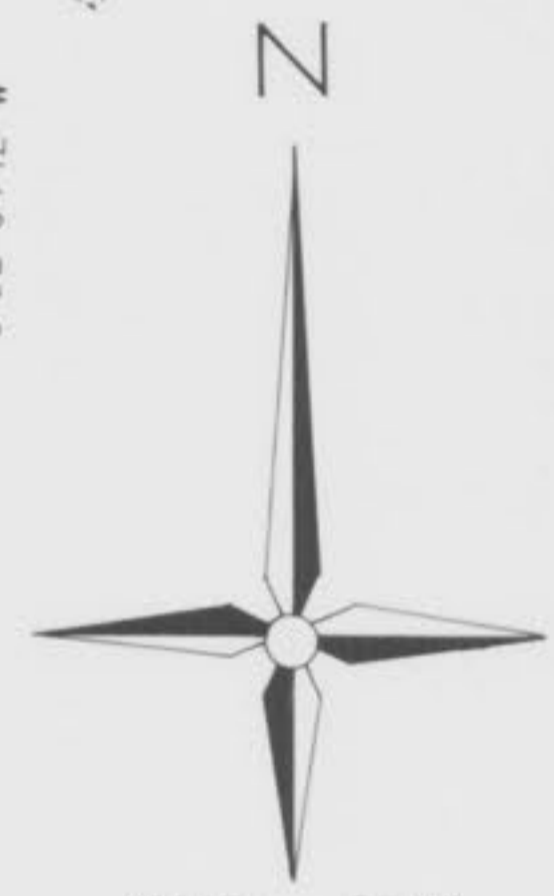


PROP. BY/OF
MICHAEL BRENNING



MATCH LINE SEE SHEET 2

WINDYBAY PLANS



PROPOSED GOLDEN OAKS SUB'D

TEMPORARY TURN AROUND
7" TYPE 'X' ASPHALT

FUTURE DEVELOPMENT

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	FLAT PLAN
	AMARILLO VILLAGE PHASE ONE
	DATE: DEC. 1980
SHEET 3 of 17	

"STORM & SANITARY AS BUILT"
June 30, 1981

Scale:
 1" = 50' Horizontal
 1" = 10' Vertical

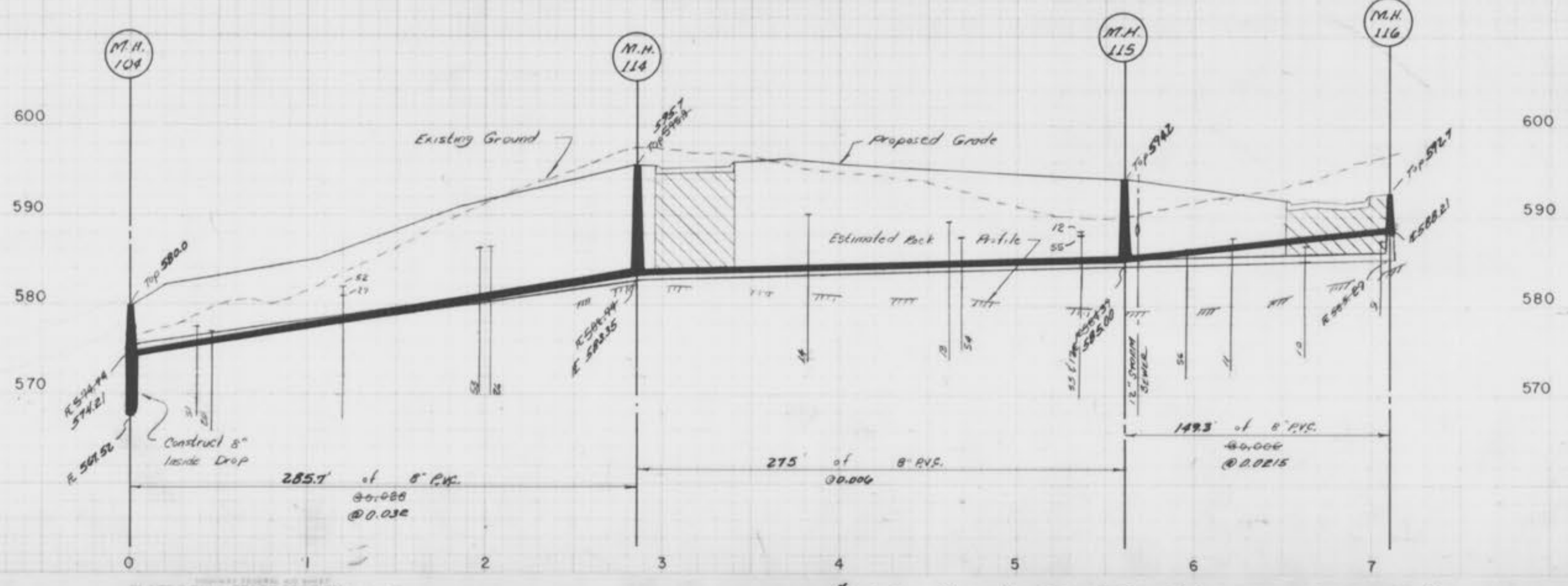
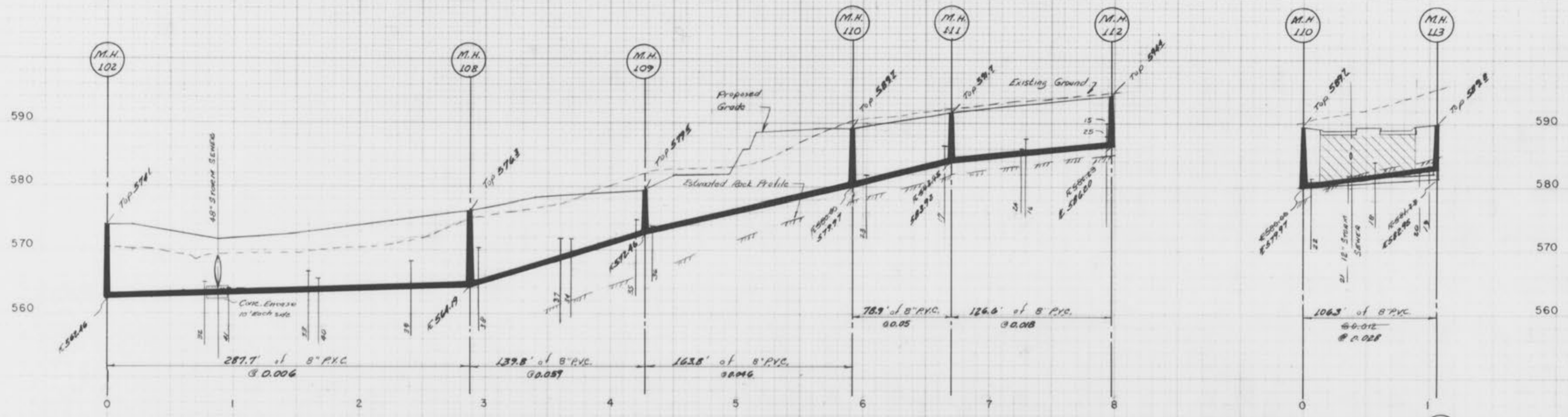
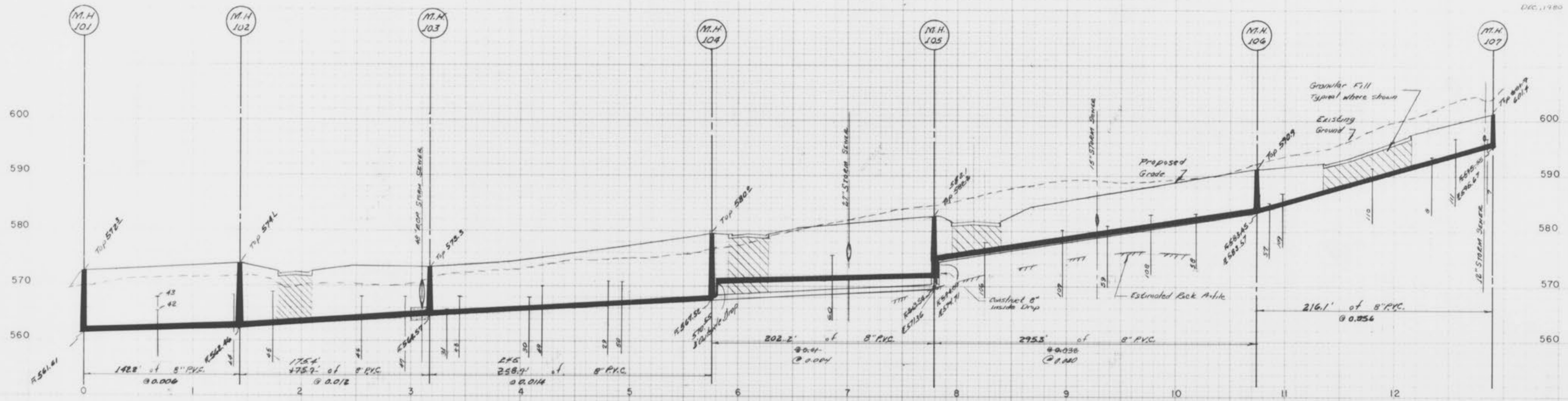


PLATE 3 - FULL CROSS SECTION

"STORM & SANITARY AS BUILT"



JUNE 30, 1981

SANITARY SEWER PROFILES
 AMARILLO VILLAGE
 PHASE ONE

Dec. 1980

Scale:
 1" = 50' Horizontal
 1" = 10' Vertical

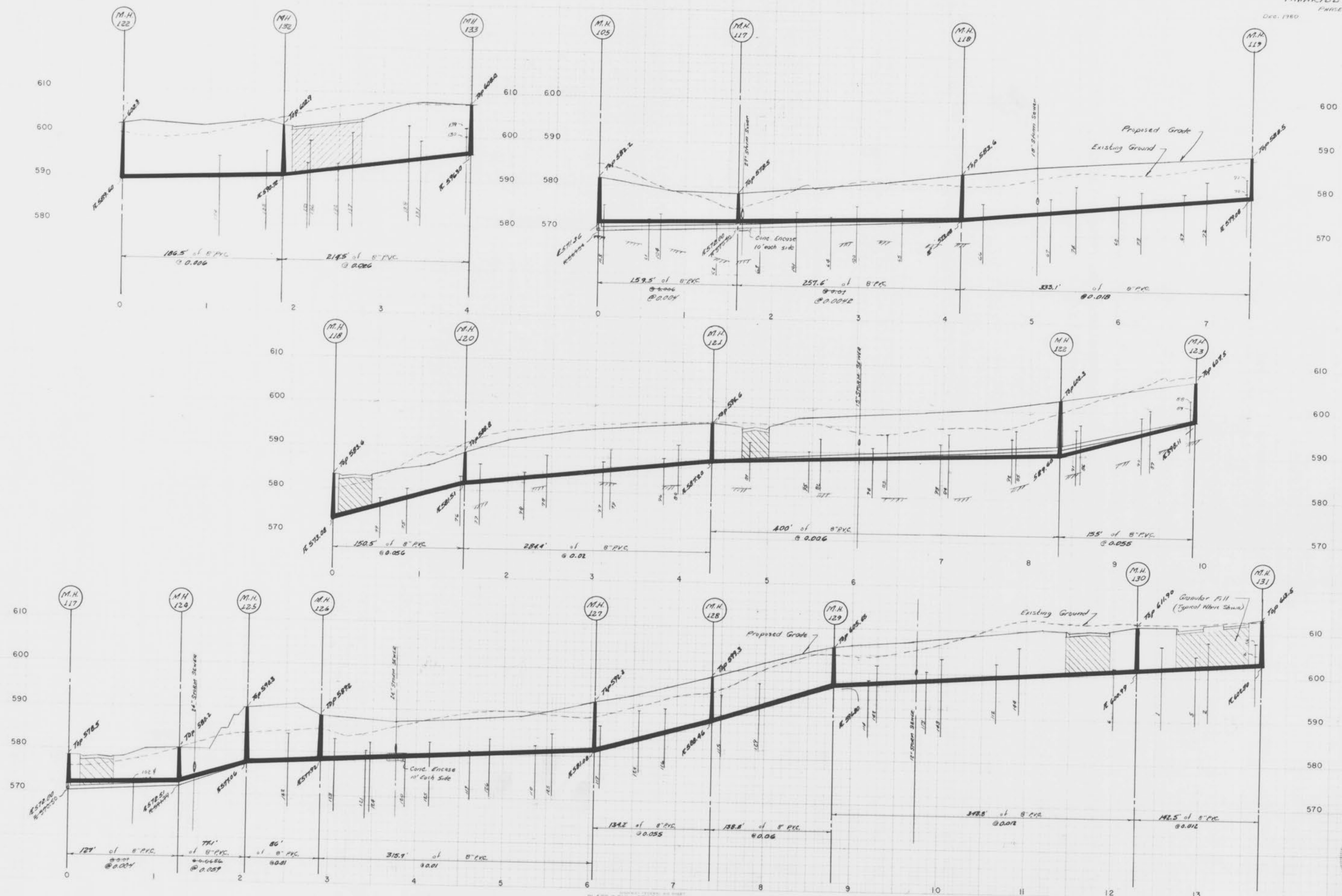


PLATE 3-FULL CROSS SECTION FULL LINE

"STORM & SANITARY AS BUILT" June 30, 1981

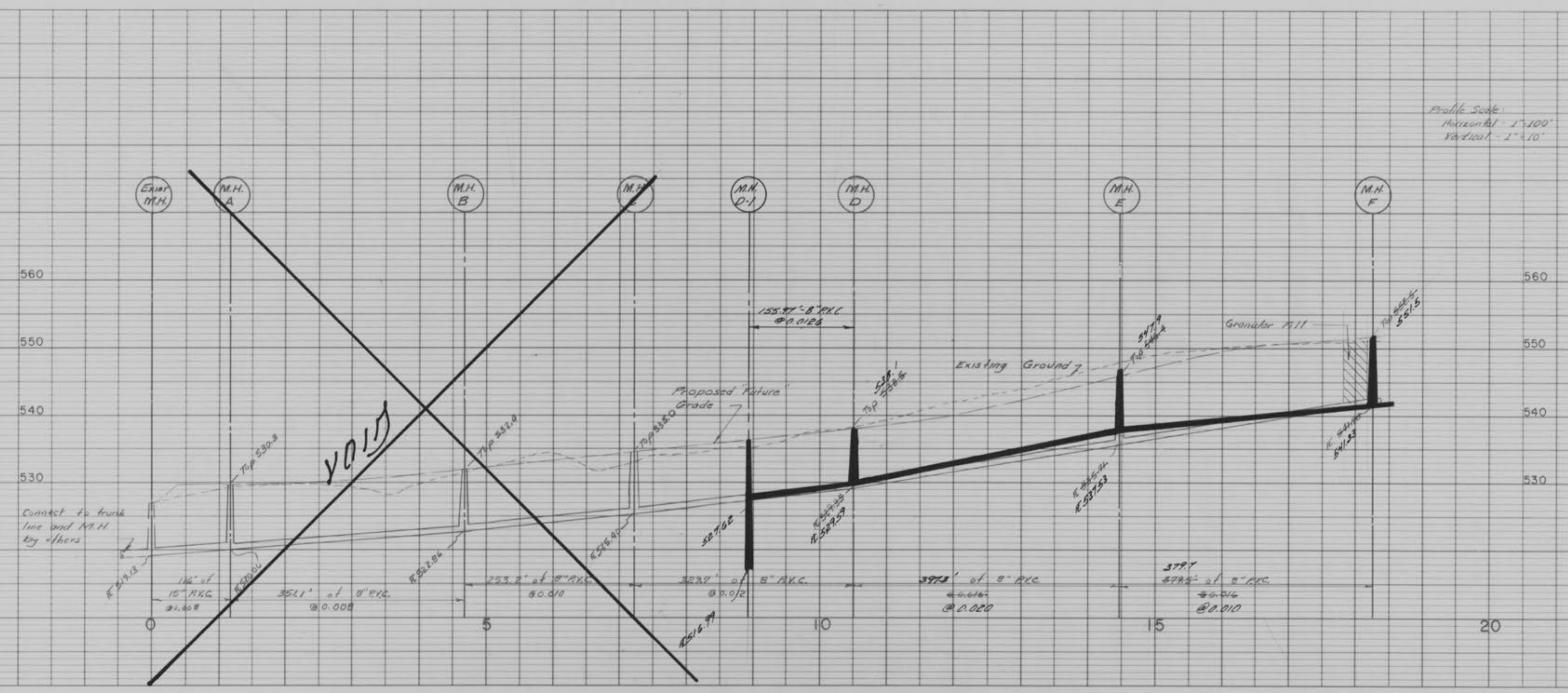
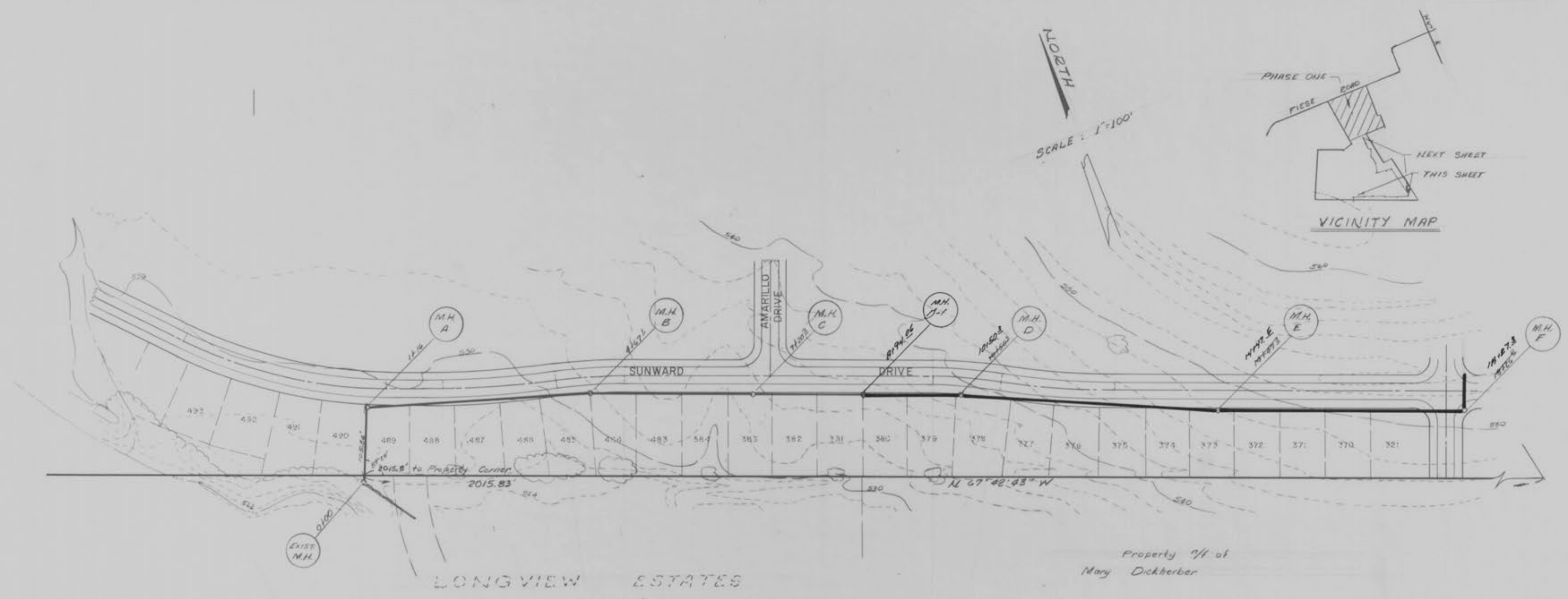
SHEET 10 of 17

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PLAN
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 CHECKED BY: [unclear]
 DATE: [unclear]

PROFILE
 DRAWN BY: [unclear]
 CHECKED BY: [unclear]
 DATE: [unclear]



PROPERTY OF
 CITY OF FALLON
 BUILDING DEPARTMENT

STATE OF MISSOURI
 HIRSHL & BAX
 REGISTERED PROFESSIONAL ENGINEERS

SANITARY OUTFALL LINE
 PLAN & PROFILE

AMARILLO VILLAGE
 PHASE ONE

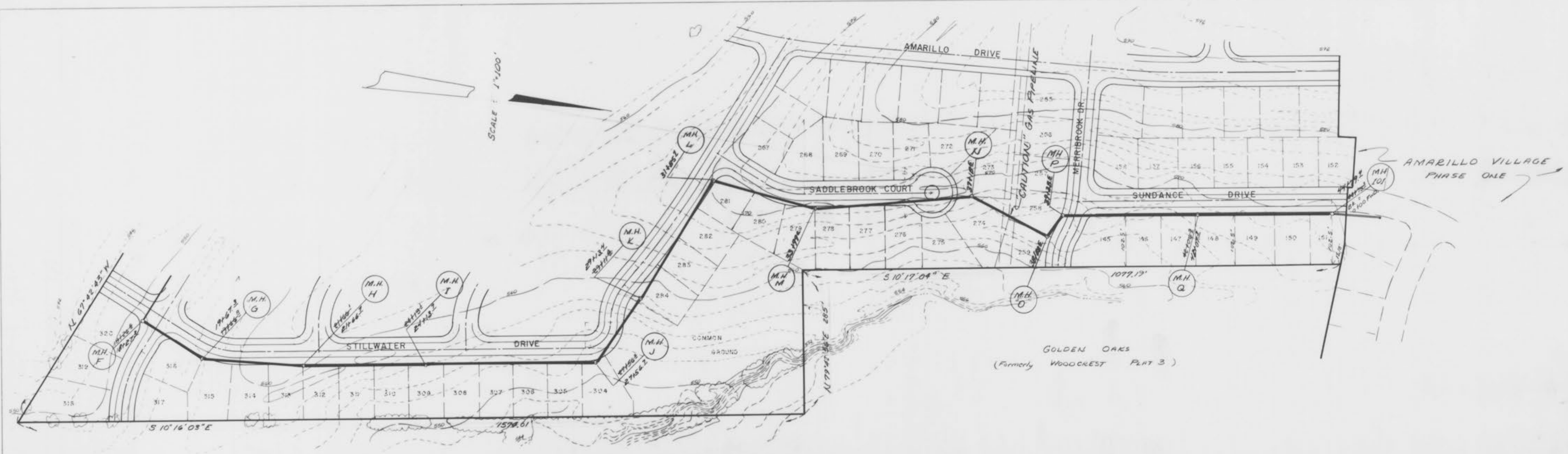
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SHEET 10-A of 17

PLATE 1-SINGLE PLAN AND PROFILE FULL LINE
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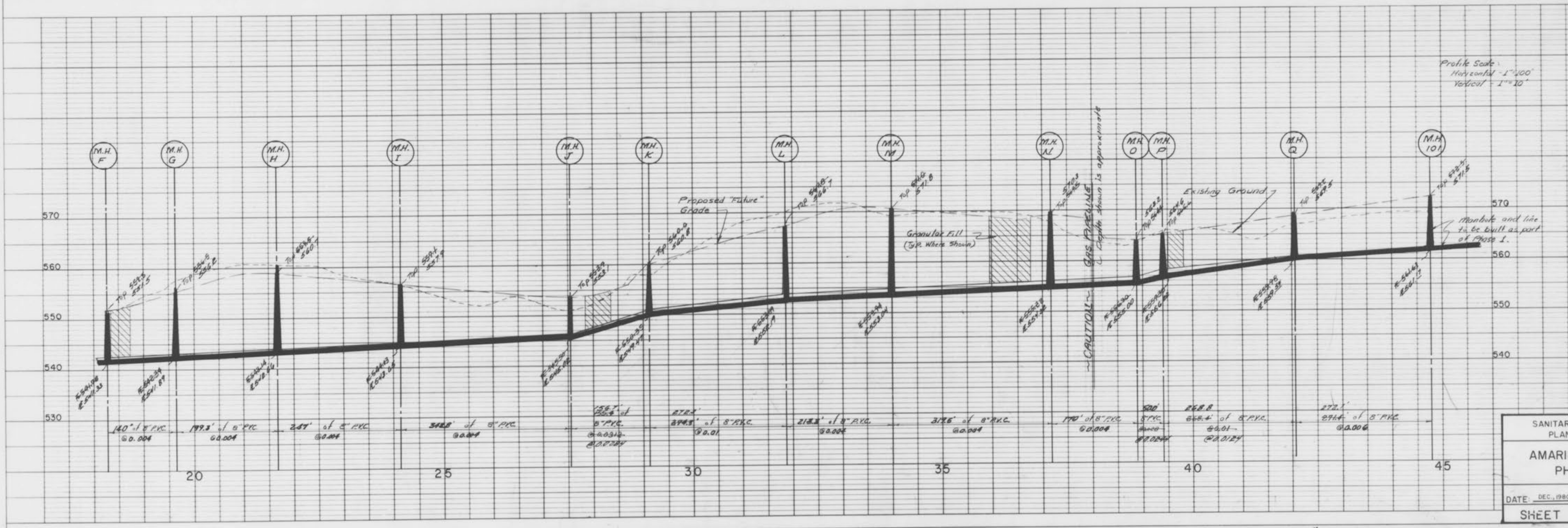
"STORM & SANITARY AS BUILT"
 June 30, 1981

PLAN
 SHEETED
 NOTE BOOK, GRADING CHECKS
 STRUCTURE, EXISTING CHECKS
 No.



Property of Mary Dickherber

PROFILE
 SHEETED
 NOTE BOOK, GRADING CHECKS
 STRUCTURE, EXISTING CHECKS
 No.



Profile Scale
 Horizontal - 1"=100'
 Vertical - 1"=20'



SANITARY OUTFALL LINE
 PLAN & PROFILE
 AMARILLO VILLAGE
 PHASE ONE
 DATE: DEC. 1980
 SHEET 10-B of 17

HIGHWAY FEDERAL AID SHEET
 PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
 WYOMING
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 BUILDING DEPARTMENT

June 30, 1981

STORM SEWER PROFILES
 AMARILLO VILLAGE
 DEC. 1, 1980
 PHASE ONE

Scale:
 1" = 50' Horizontal
 1" = 10' Vertical

FINAL SURVEY
 DATE: 11/15/80
 BY: J. B. WILCOX
 CHECKED: J. B. WILCOX

ORIGINAL SURVEY
 DATE: 11/15/80
 BY: J. B. WILCOX
 CHECKED: J. B. WILCOX

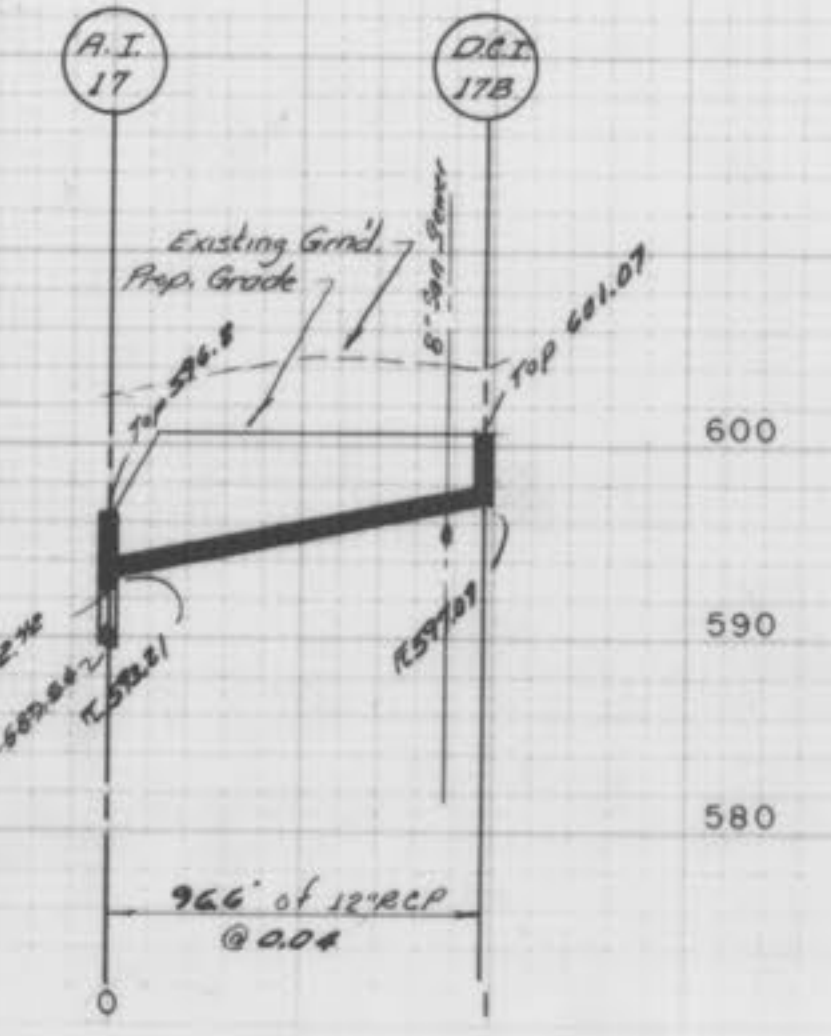
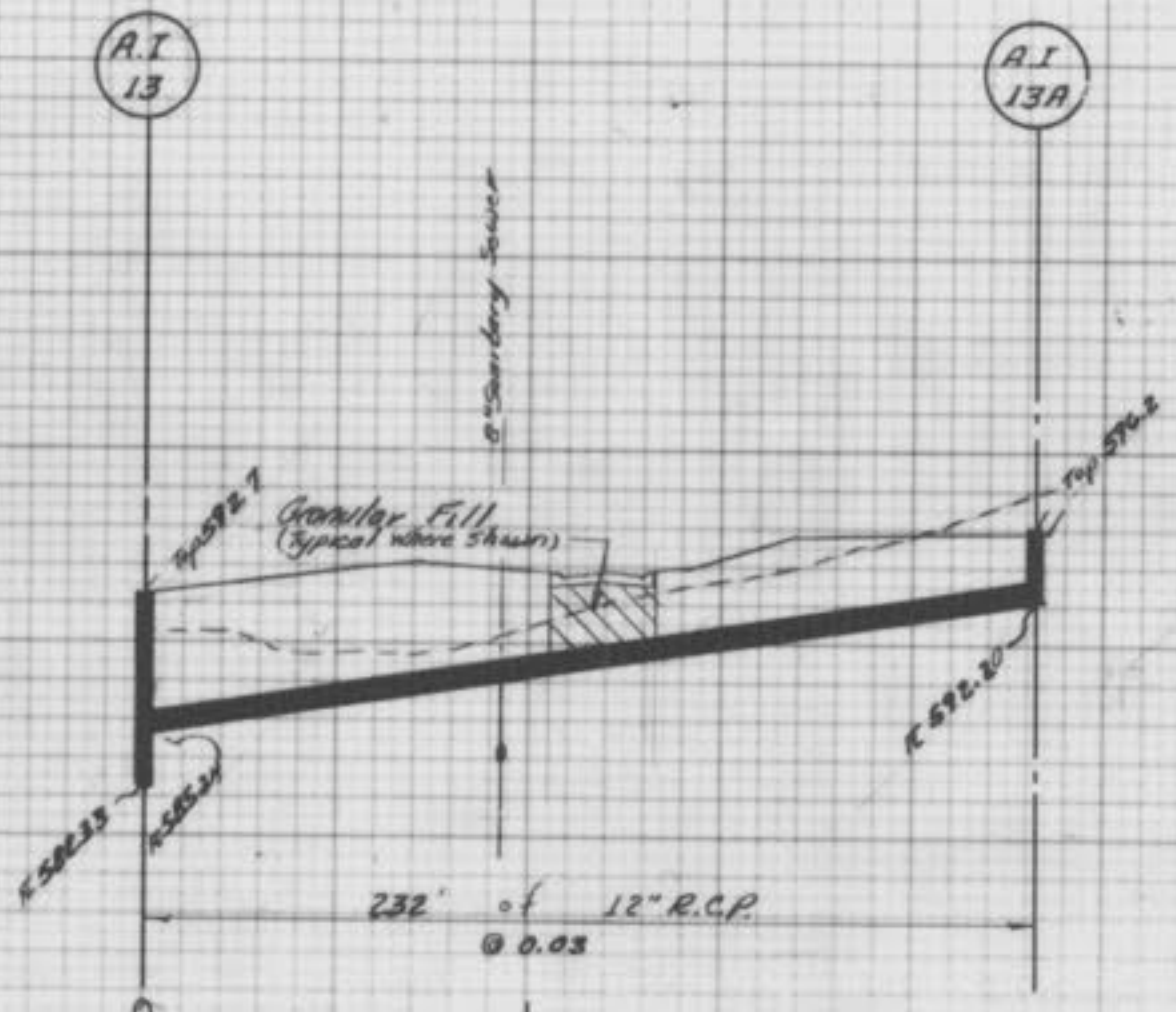
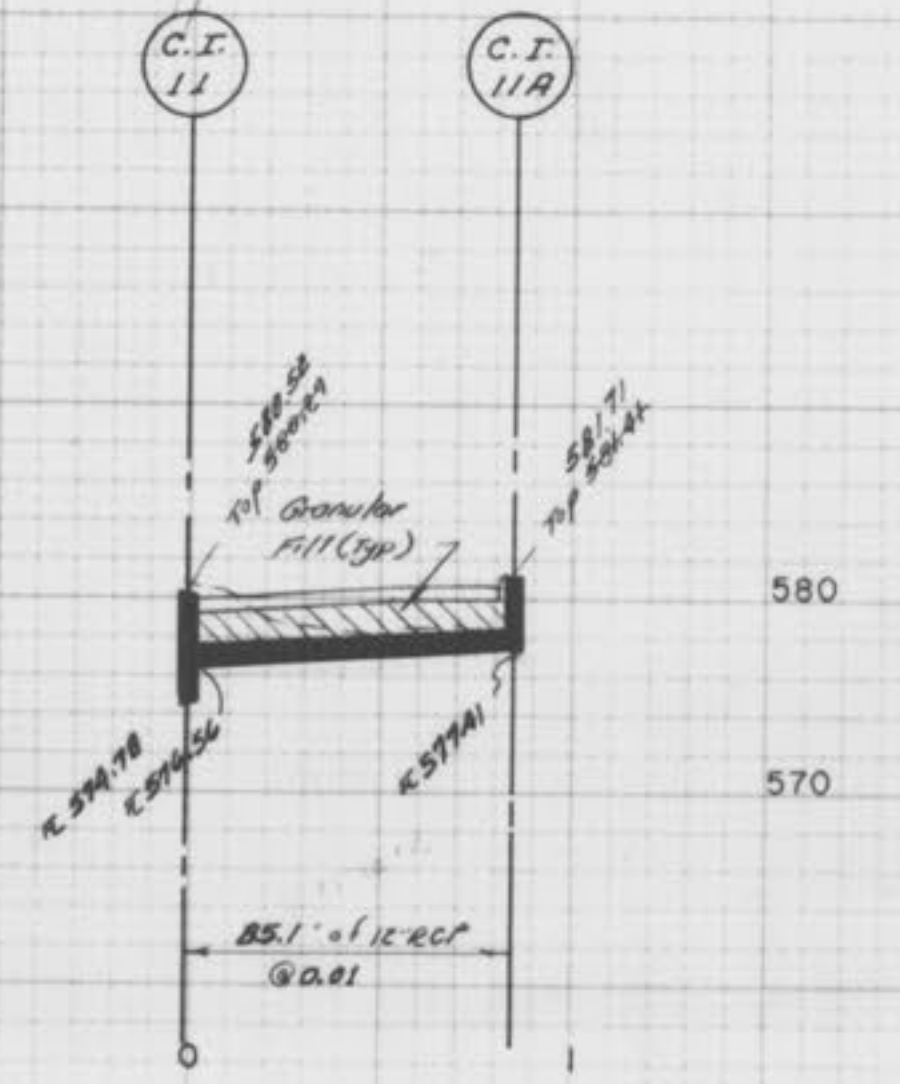
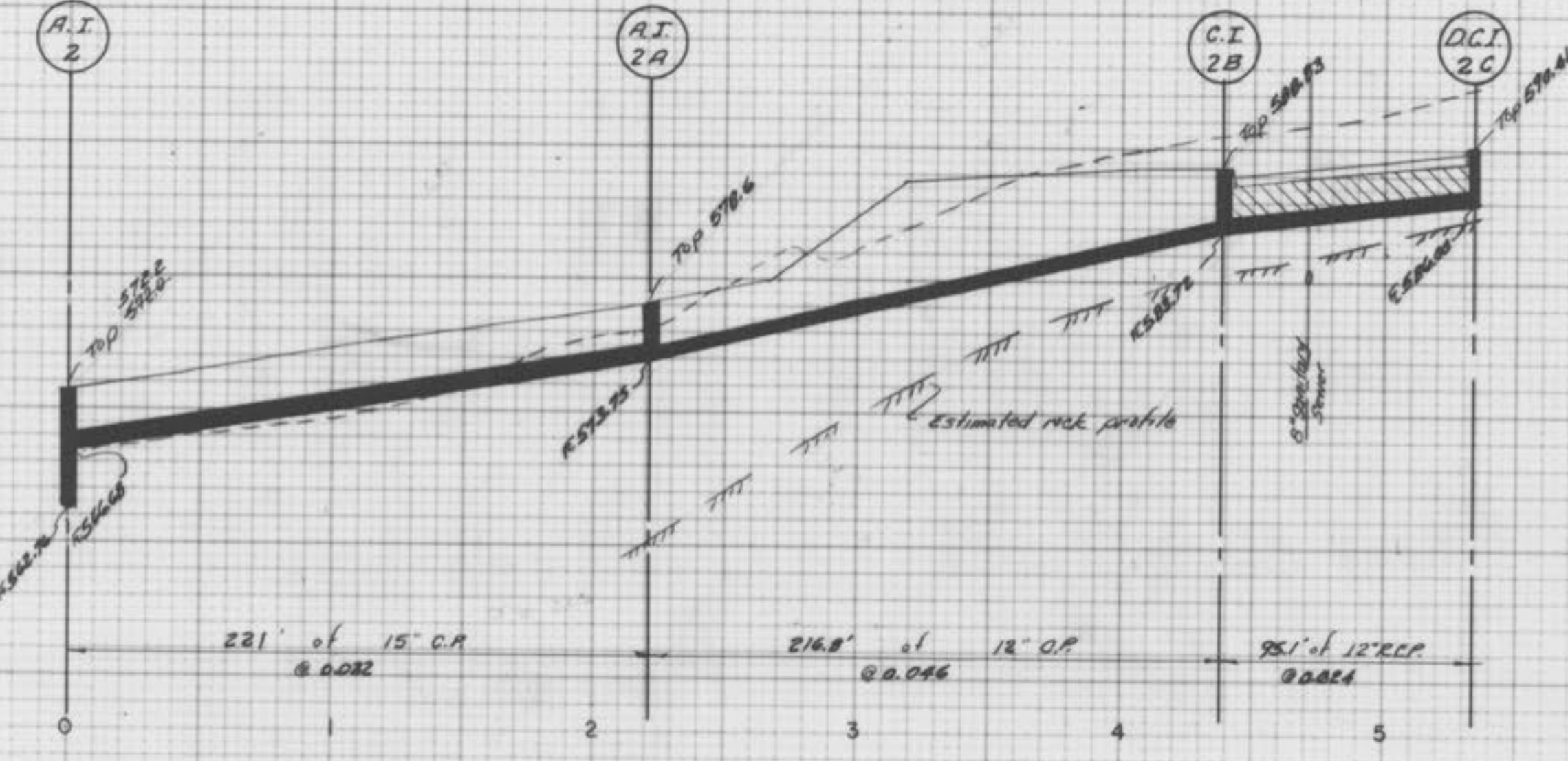
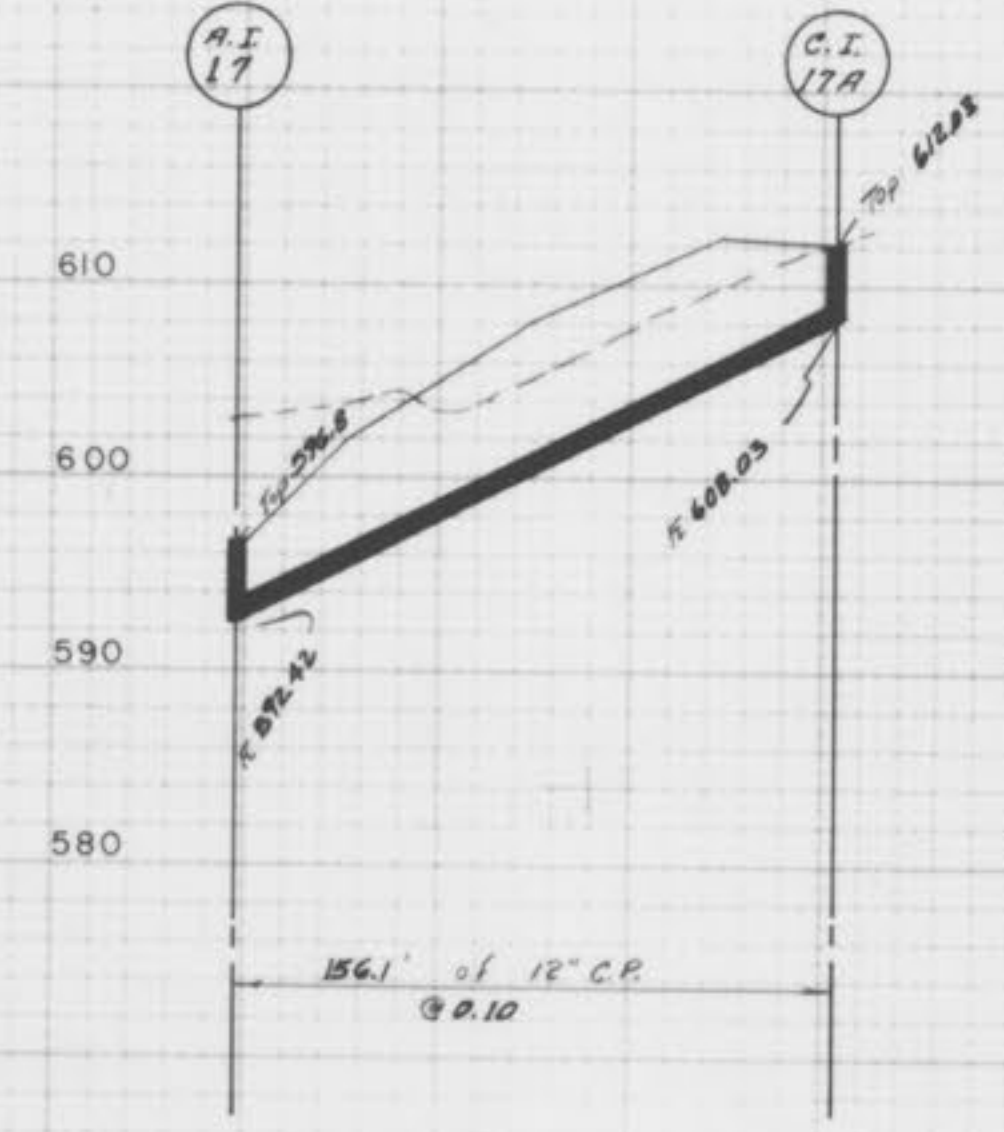
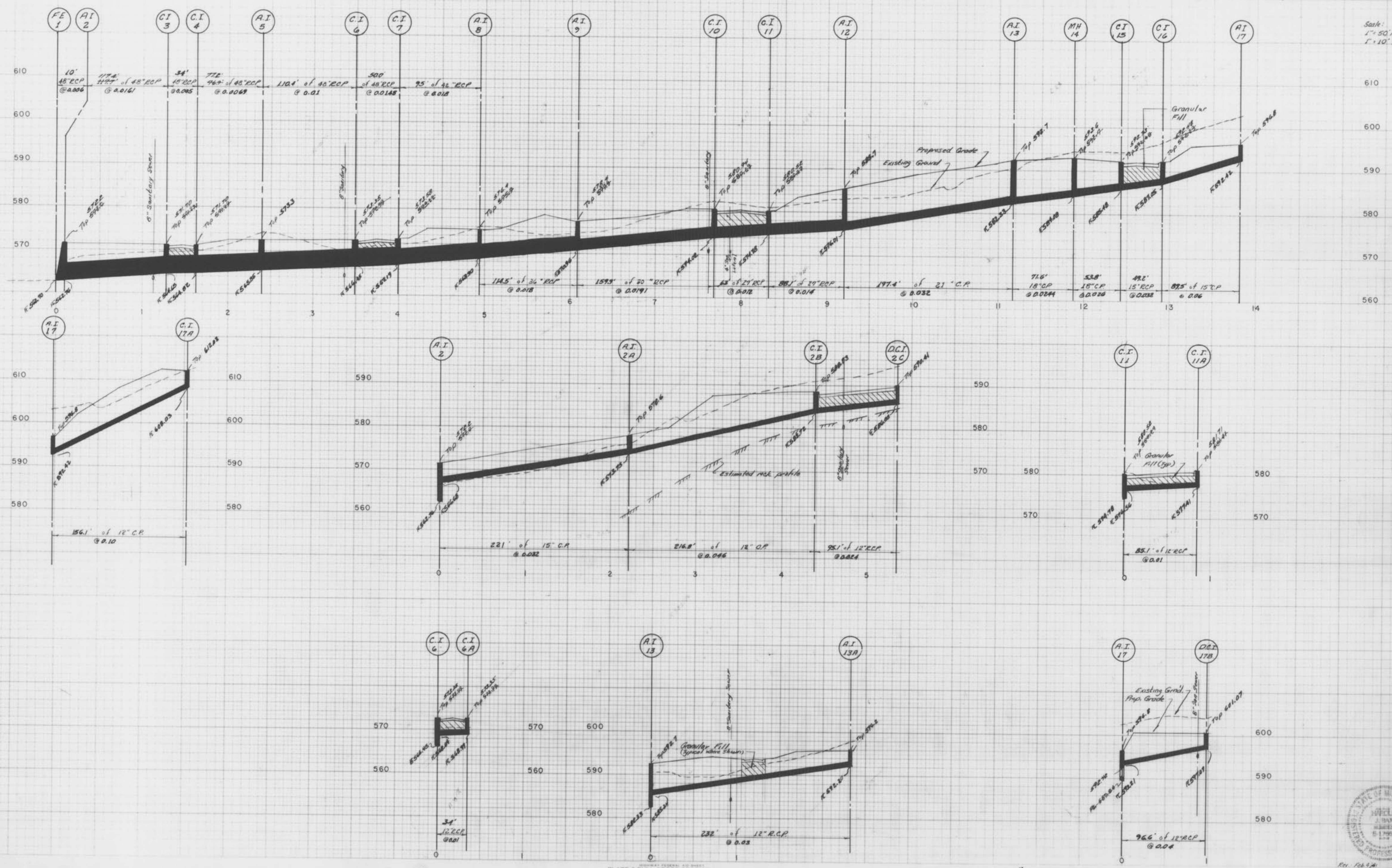


PLATE 3-FULL CROSS SECTION FULL LINE
 WILEY & WILEY
 ENGINEERS

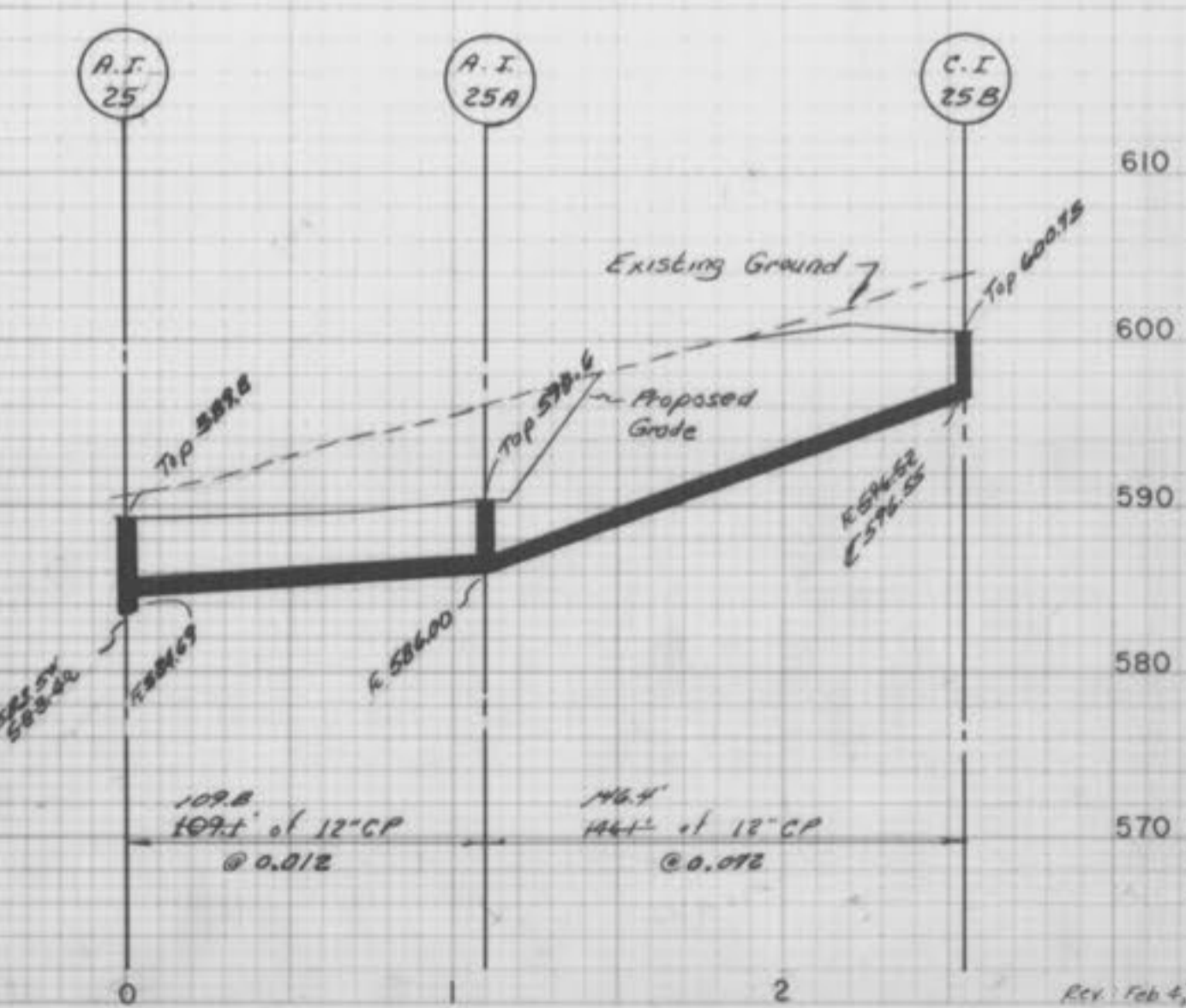
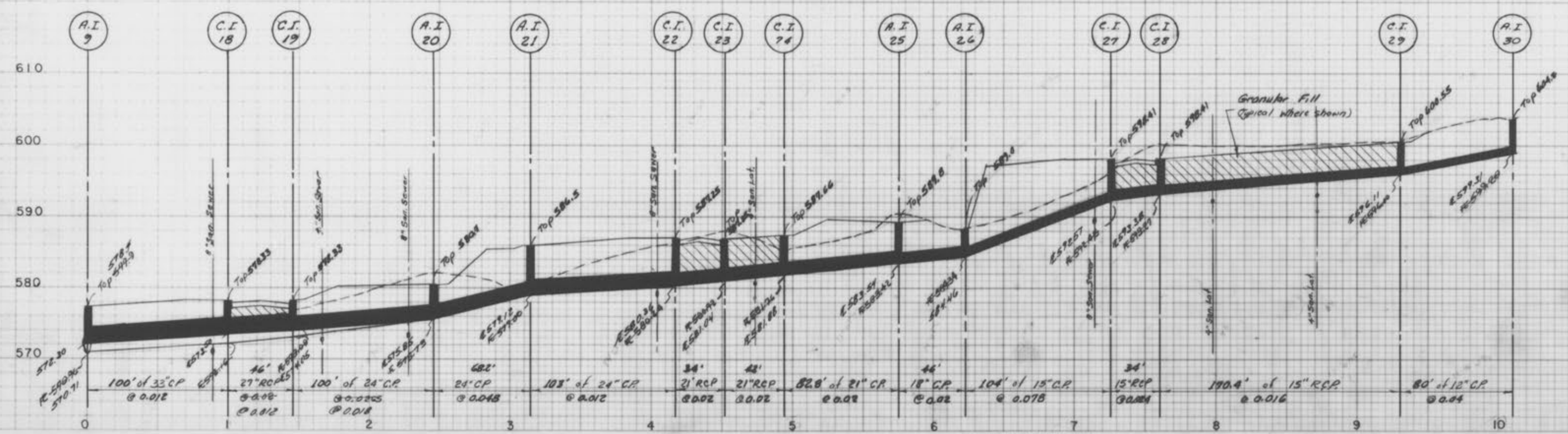
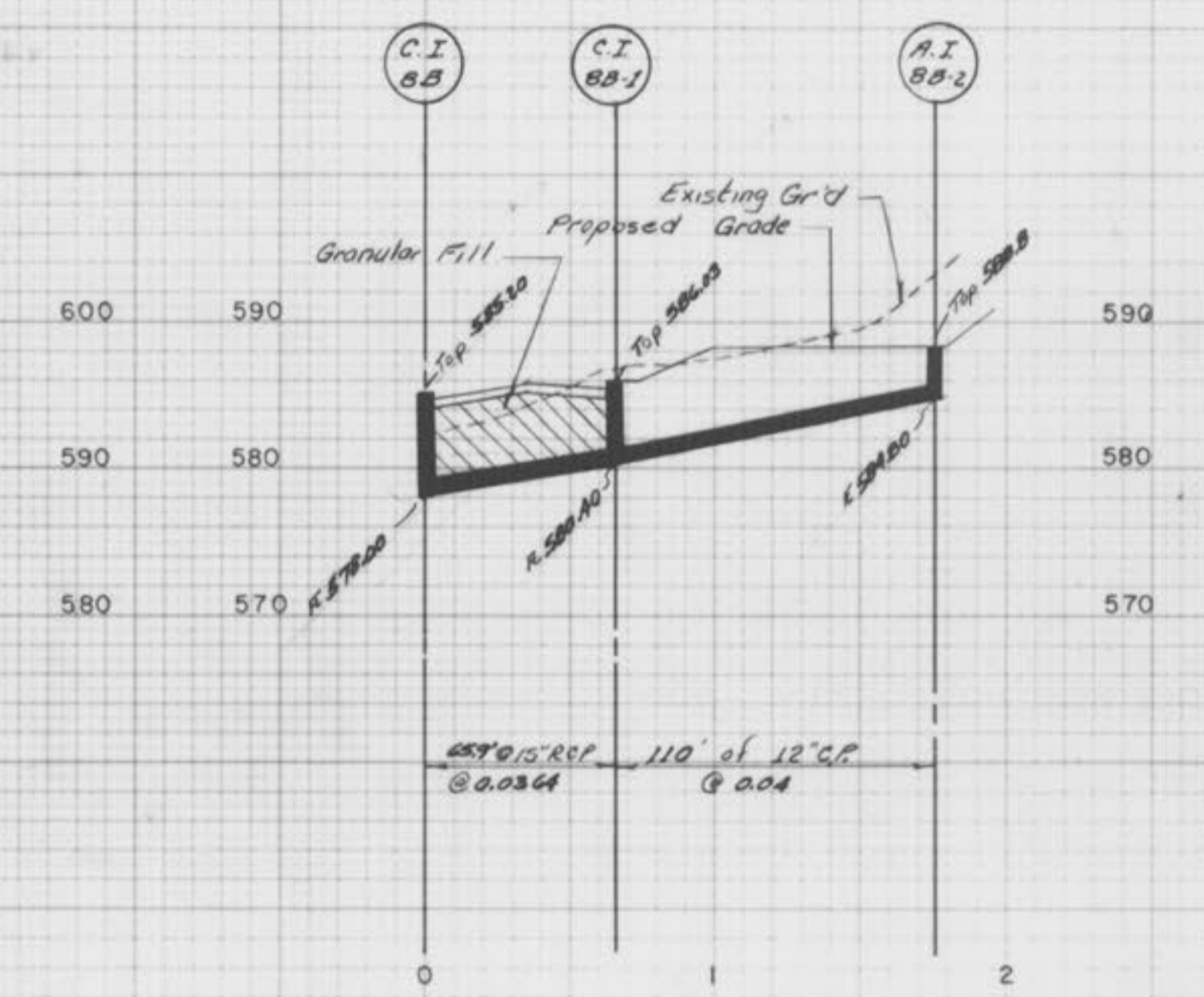
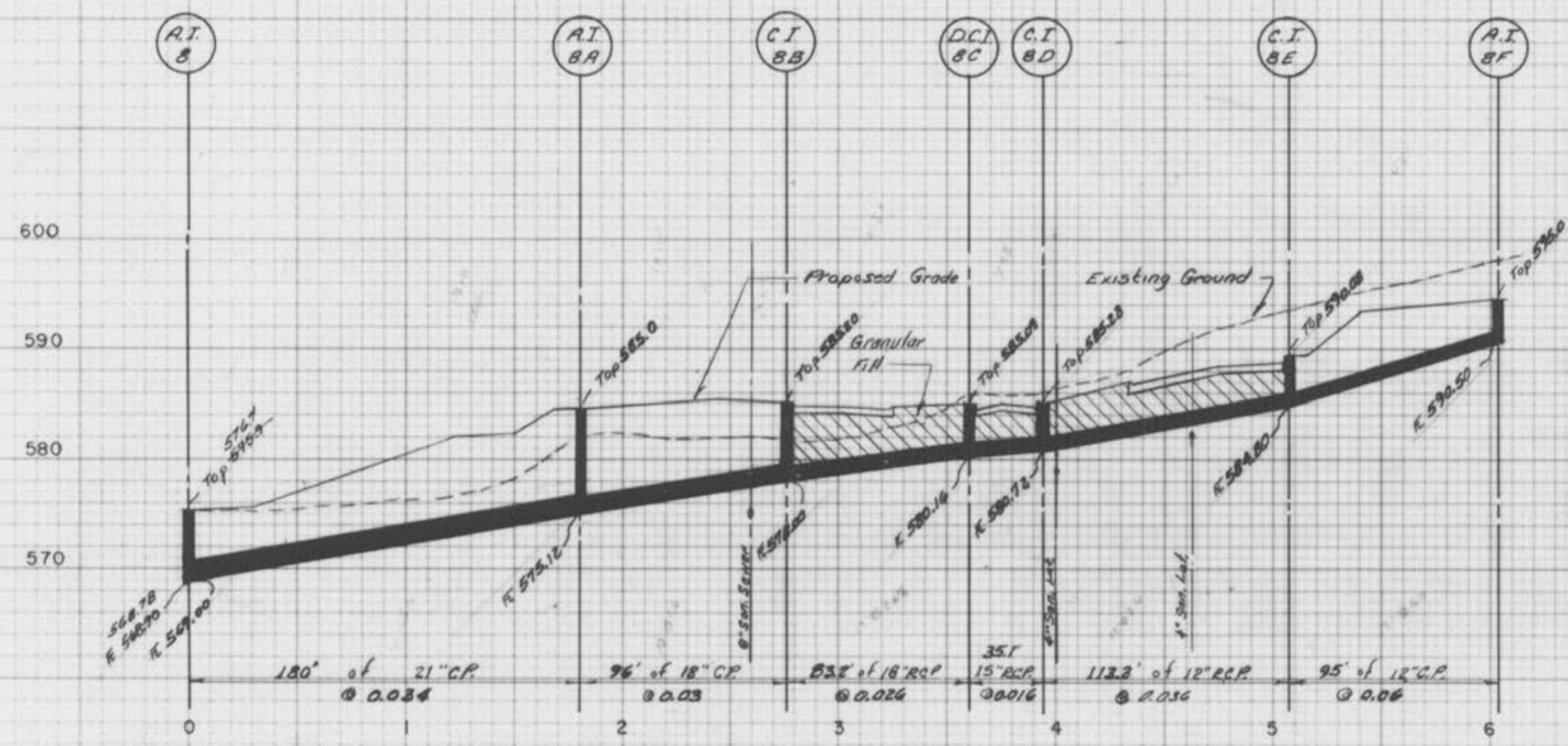
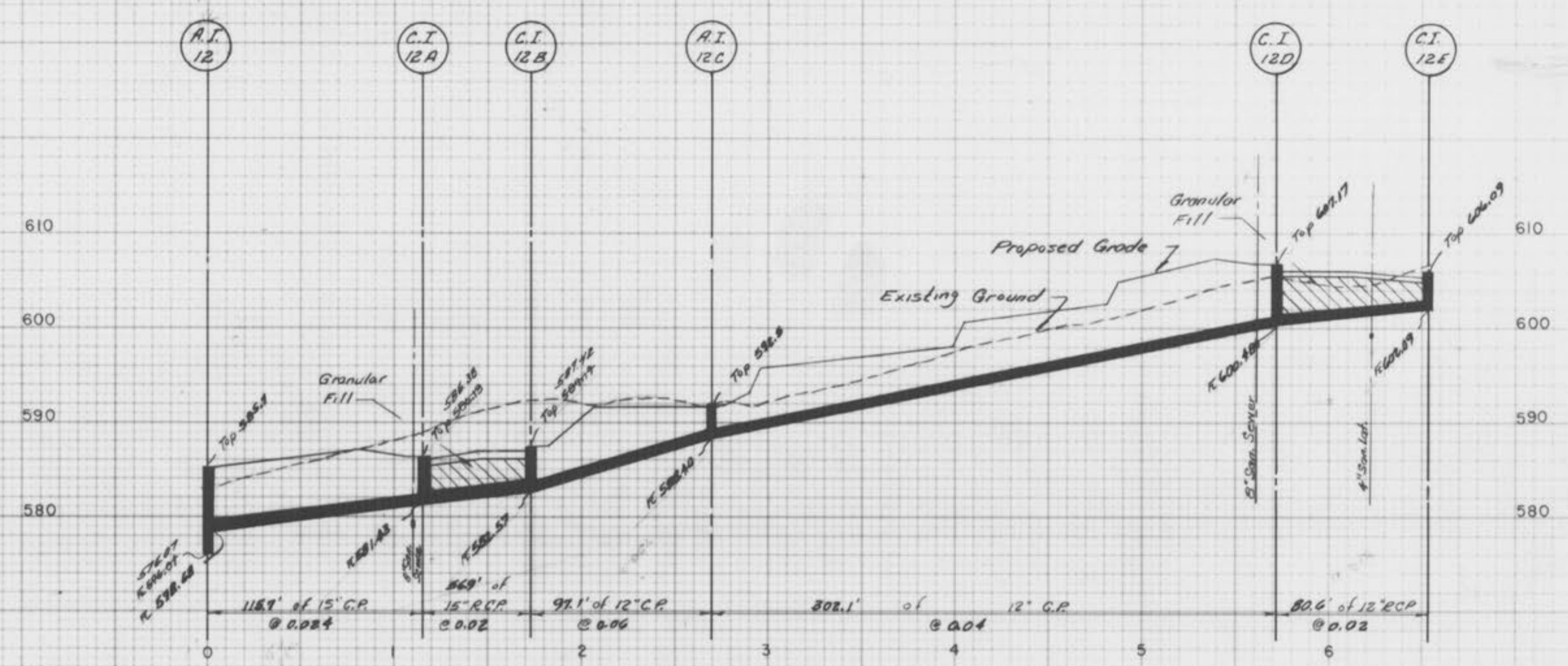


STORM SEWER PROFILES
 AMARILLO VILLAGE
 PHASE ONE
 DEC., 1980

Scale:
 1" = 50' Horizontal
 1" = 10' Vertical

FINAL SURVEY
 ORIGINAL SURVEY
 DATE

ORIGINAL SURVEY
 DATE



MINNAPAC FEDERAL ROAD SHEET
 PLATE 3-FULL CROSS SECTION FULL LINE
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