

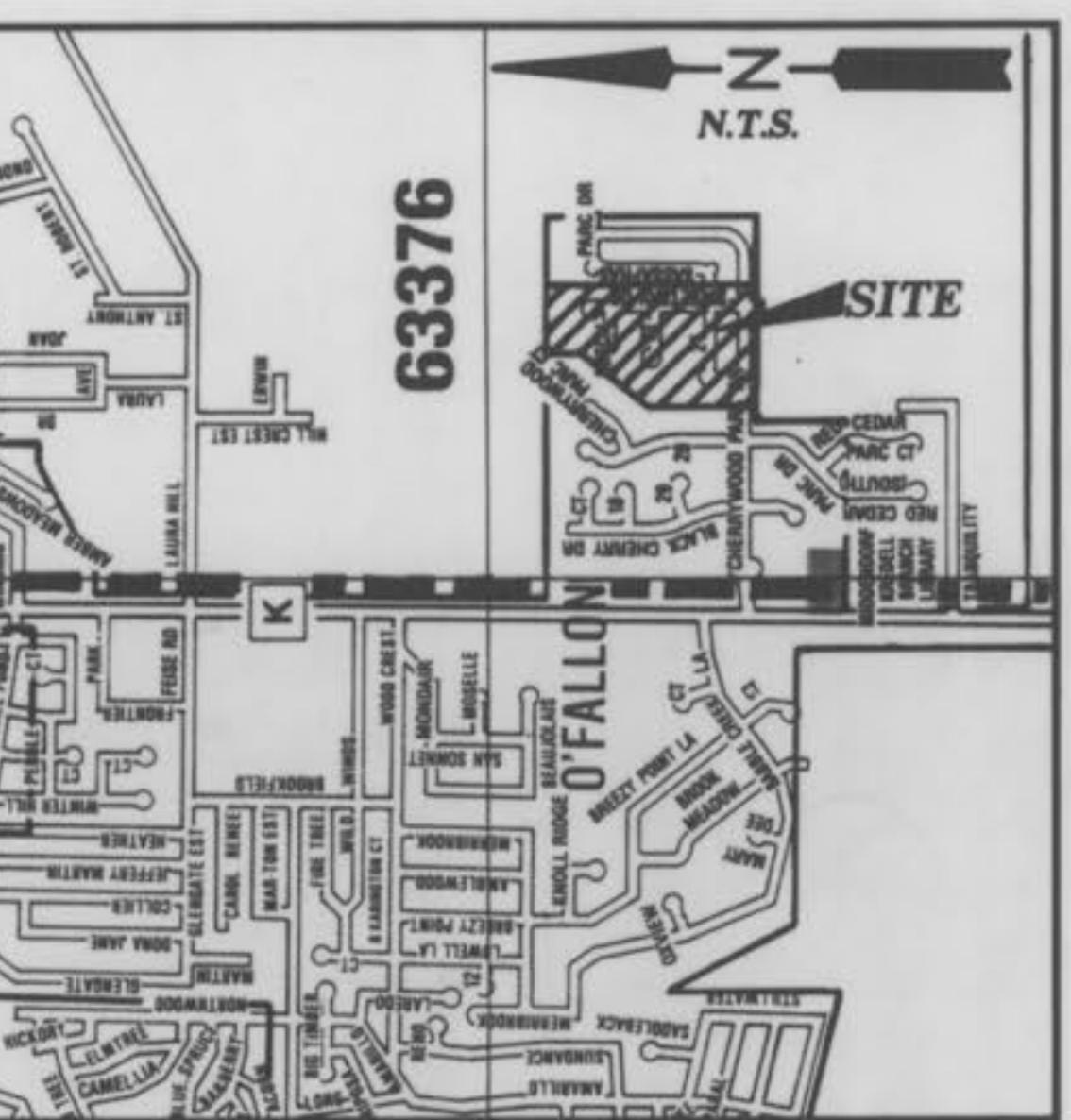
**AS-BUILTS FOR  
PLAT FOUR**

**CHERRYWOOD PARC**

A TRACT OF LAND BEING PART OF  
THE SOUTHWEST 1/4 OF  
SECTION 4, TOWNSHIP 46 NORTH, RANGE 3 EAST  
CITY OF O'FALLON, ST. CHARLES COUNTY, MISSOURI

**GENERAL NOTES**

- 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 and/or construction of improvements.
- The sediment control plan should be implemented before grading begins. No graded areas are to remain bare without being seeded and mulched. When deemed necessary, positive steps should be exercised to prevent this soil from damaging adjacent properties and sifting up off storm drainage systems whether on site or off site.
- Erosion control shall not be limited to what is shown on the plans. The contractor shall take whatever means necessary to prevent sediment from entering adjacent roadways, properties, and ditches. Such controls may include, but not be limited to, sediment basins, channel cutoffs into areas where an extra row of straw bales are used. A silt fence might be considered, if necessary.
- No area shall be cleared without permission of the developer.
- Owner/Developer assumes full responsibility as to the performance of the grading operation and assurance that all properties and County and State roads will be adequately protected.
- Soil preparation and re-vegetation shall be performed according to Appendix A of the Model Sediment and Erosion Control Regulations for Urban Development.
- Where natural vegetation is removed during grading, vegetation shall be re-established in such a density as to prevent erosion. Permanent type grasses shall be established as soon as possible or during the next seeding period after grading has been completed. Refer to Appendix A of St. Charles Soil and Water Conservation District - Model Sediment and Erosion Control Regulations.
- Site preparation includes the clearance of all stumps, trees, bushes, shrubs, and weeds; the grubbing and removal of roots and other surface obstructions from the site, and the demolition and removal of any man-made structures. All excavated material shall be properly disposed of off-site. Topsoil and grass in the fill areas shall be thoroughly disced prior to the placement of any fill. The Soils Engineer shall approve the discing operation.
- Compaction equipment shall consist of tamping rollers, pneumatic-tired rollers, vibratory rollers or high speed impact type drum rollers acceptable to the Soils Engineer. The rollers shall be designed so as to avoid the creation of a layered fill without proper blending of successive fill layers.
- The Soils Engineer shall observe and test the placement of the fill to verify that specifications are met. A series of fill density tests will be determined on each lift of fill. Internal reports showing fill quality will be made to the Owner at regular intervals.
- The Soils Engineer shall notify the Contractor of rejections of a lift of fill or portion thereof. The Contractor shall rework the rejected portion of fill and obtain notification from the Soils Engineer of its acceptance prior to the placement of additional fill.
- All Areas to receive fill shall be scarified to a depth of not less than 6 inches and then compacted to at least 85 percent of the maximum density as determined by the Modified AASHTO T-1800 Compaction Test (ASTM-D1557). Natural slopes steeper than 1 vertical to 5 horizontal to the top of fill shall be removed and discarded prior to the placement of any fill. The width and height to be determined by the Soils Engineer. The fill shall be loosely placed in horizontal layers not exceeding 8 inches in thickness and compacted in accordance with the specifications given below. The Soils Engineer shall be responsible for determining the acceptability of soils placed. Any unacceptable soils placed shall be removed at the Contractors expense.
- The sequence of operation in the fill areas will be: fill, compact, verify acceptable soil density, and repetition of the sequence. The acceptable moisture contents during the filling operation are those at which satisfactory dry densities can be obtained. The acceptable moisture contents during the filling operation in the remaining areas are from 2% to 8% above the optimum moisture content.
- The surface of the fill shall be finished so that it will not impound water. If at the end of a day's work it would appear that there may be rain prior to the next working day, the surface shall be finished smooth. The surface has been finished smooth for any reason, it shall be scarified before proceeding with the placement of the following lifts. Fill shall not be placed on frozen ground, nor shall filling operations continue when the temperature is such as to permit the layer under placement to freeze.
- All cut and fill slopes should be a maximum of 33% slope (3:1) after grading.
- All fill including filled places under proposed storm and sanitary sewer lines and paved areas including trench backfills within and off the road right-of-way shall be compacted to 90% of maximum density as determined by the "Modified AASHTO T-1800 Compaction Test (ASTM-D1557)." Tests shall be verified by a Soils Engineer concurrent with grading and backfilling operations. The compacted fill shall be free of rutting and shall be non-yielding and non-pumping during proctor rolling and compaction.
- Fill placed within proposed street R.O.W. shall be compacted to 90% M.O.D. Proctor and be 2% below to 6% above optimum moisture content.
- Soft soil in the bottom and banks of any existing or former pond site should be removed, spread out and permitted to dry sufficiently to be used as fill. None of this material should be placed in proposed right-of-way locations or on storm sewer locations.
- Temporary siltation control measures (structural) shall be maintained until vegetative cover is established at a sufficient density to provide erosion control on the site.
- If straw bales or silt fences are destroyed by heavy rains, vandalism, etc., they are to be replaced immediately by contractor.
- When grading operations are completed or suspended for more than thirty (30) days, permanent grass must be established at sufficient density to provide erosion control on the site. Between permanent grass seeding periods, temporary control shall be provided according to the Sediment and Erosion Control Regulations. Refer to Appendix A of St. Charles Soil and Water Conservation District - Model Sediment and Erosion Control Regulations. All finished grades (areas not to be disturbed by improvement) in excess of 20% slopes (5:1) shall be mulched and tacked at the rate of 100 pounds per 1000 square feet when seeded.
- All low places whether on site or off site should be graded to allow drainage. This may be accomplished with temporary ditches. Any off site drainage easements shall be acquired before off site grading operations begin.
- Water main shall be Class 200, SDR 21 or "Ultra-Blue" PVC, installed with tracer tape and locator wire.
- All existing trash and debris on-site must be removed and disposed of off-site.



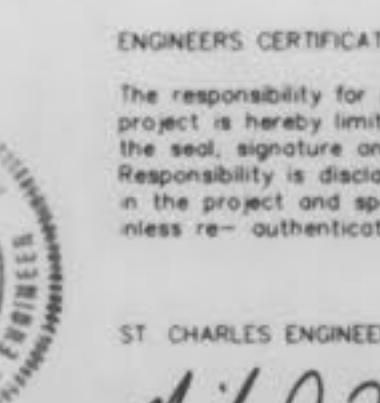
**LOCATION MAP**

**PROJECT BENCHMARK**

FIRE HYDRANT AT S.E. CORNER  
OF DARDENNE ELEMENTARY SCHOOL  
"M" IN MUELLER  
U.S.G.S. DATUM ELEV. 574.74

**DEVELOPMENT NOTES**

- Area of Tract: 95.01 ACRES
- Present Zoning: R-4 SINGLE FAMILY RESIDENTIAL
- Proposed Use: SINGLE FAMILY RESIDENTIAL SUBDIVISION
- Total lots proposed: 323
- Minimum lot area: 7,500 SQFT
- Site is located in or is served by the following:
  - Water: St. Charles Co. Water District #2
  - Fire: O'Fallon Fire Protection District
  - Sanitary: Duckett Creek Sanitary District
  - Electric: Mueller Electric Company
  - Gas: St. Charles Gas Company
  - Telephone: GTE



ST. CHARLES ENGINEERING AND SURVEYING  
*Michael Newell Meiners*  
MICHAEL NEWELL MEINERS  
MISSOURI PROFESSIONAL ENGINEER NUMBER E-22483

ENGINEERS CERTIFICATION  
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature and date hereunder attached.  
Responsibility is disclaimed for all other engineering plans involved in the project and specifically excludes revisions after this date unless re-authenticated.

**LEGEND**

BUILDING LINE
EXISTING SANITARY SEWER
EXISTING STORM SEWER
PROPOSED SANITARY SEWER
PROPOSED STORM SEWER
EXISTING CONTOUR
PROPOSED CONTOUR
EXISTING WOODED AREA
SILTATION CONTROL
CREEK OR DITCH
R. OR FL. FLOWLINE
G — G GAS MAIN
T — T TELEPHONE CABLE
W — W WATER MAIN
UE—UE UNDERGROUND ELECTRIC
OE—OE OVERHEAD ELECTRIC
STREET SIGN
GENERAL SURFACE DRAINAGE
LIGHT STANDARD
CLEARING AND GRADING LIMITS
LATERAL AND TAIL STAKE ELEVATION
FIRE HYDRANT
8" WATER PROPOSED WATER MAIN
B.O. BLOW OFF VALVE
C.O. CLEAN OUT
1234 STREET ADDRESS DESIGNATOR
MH 1 SANITARY SEWER DESIGNATOR
AI 1 STORM SEWER DESIGNATOR

**SHEET INDEX**

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PREPARED FOR:  
OWEN & SONS DEVELOPMENT CO.  
235 JUNGERMANN ROAD SUITE 207  
ST. PETERS, MISSOURI  
TELE: (314) 928-6936

Feb. 3, 1997

**SANITARY & STORM AS-BUILTS  
(AS SHOWN ON PROFILES)**

REVISED	6/6/97 Duckett Creek Sewer, High St. Dammed	SHEET 1 OF 17
ST. CHARLES ENGINEERING & SURVEYING		ORDER NO. 94-306
801 S. FIFTH STREET, SUITE 202		DATE 8/19/96
ST. CHARLES, MO 63301		
TEL:(314) 947-0607 FAX:(314) 947-2448		

Cherrywood Park - Plat 4 AS-BUILTS

**WARNING**

**PETROLEUM PRODUCTS PIPELINE(S)**

Excavation and/or Construction Prohibited Without Written Permission From  
**WILLIAMS PIPELINE COMPANY**

Contact: Tim Cunningham, Right of Way Administrator  
10200 W. 75th Street, Suite 270  
Shawnee Mission, KS 66204  
913/677-2166 or 800/331-4020

**CAUTION!**  
PIPELINE IS IN THIS AREA, EXACT LOCATION AND DEPTH SHALL BE VERIFIED  
BEFORE ANY CONSTRUCTION IS TO BEGIN. CONTRACTOR SHALL BE RESPONSIBLE  
FOR VERIFYING THIS INFORMATION.



**PLAT FOUR**  
**FLAT PLAN**  
**CHERRYWOOD PARC**  
AUG. 19, 1996      94-306

Feb. 3, 1997 Cherrywood Park  
Plot 4

## PLAT FOUR

PLAT FOUR

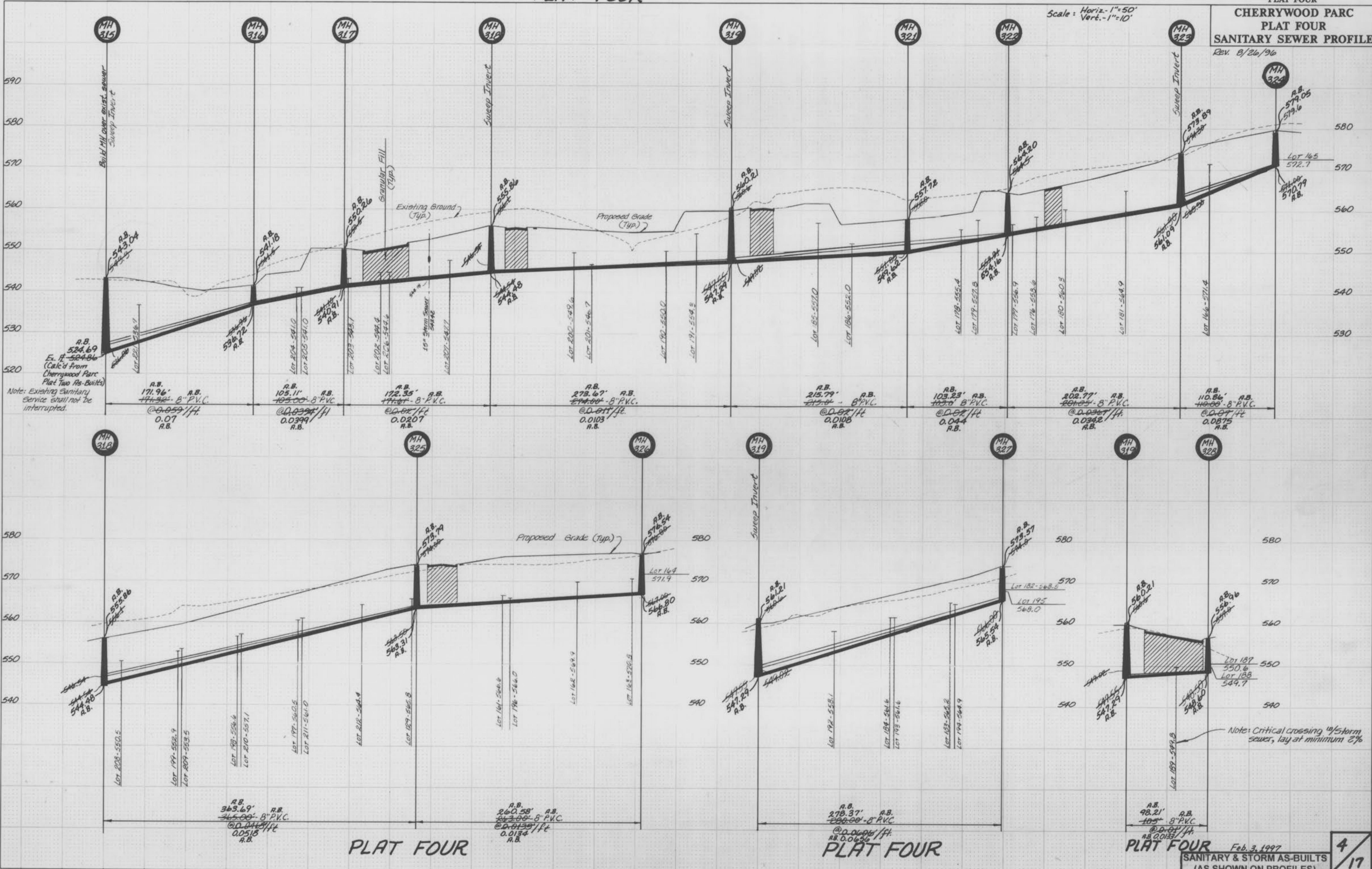
CHERRYWOOD PARC  
PLAT FOUR  
SANITARY SEWER PROFILE

Rev. 8/26/96

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

FINAL SURVEY	DATE
RECORDED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
RECORDED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



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

## PLAT FOUR

MH 323

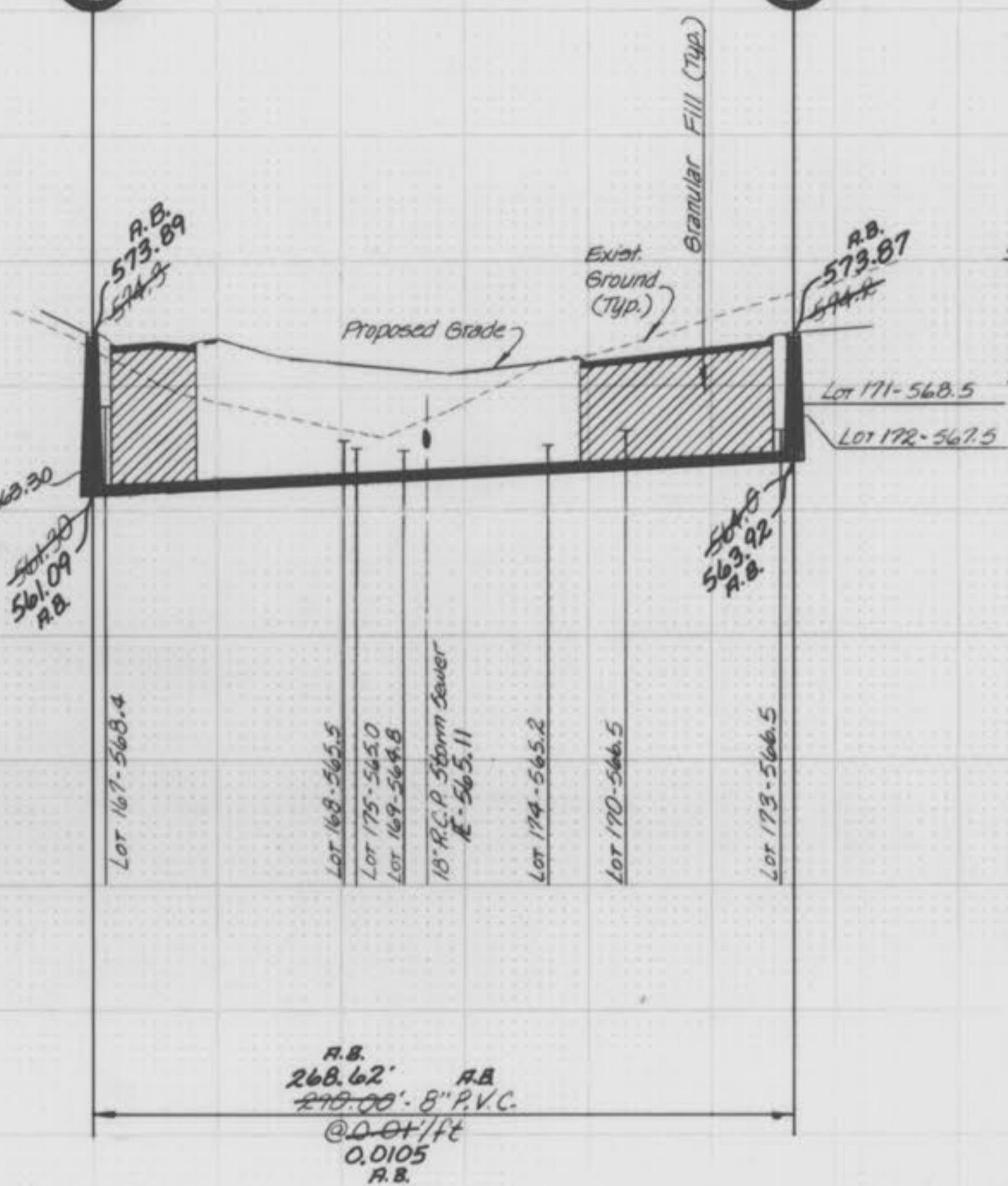
MH 329

FINAL SURVEY BY DATE

ORIGINAL SURVEY BY DATE

NOTE BOOK NO.

TEMPATE AREAS CHECKED



580

570

560

550

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430

420

410

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390

380

370

360

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340

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320

310

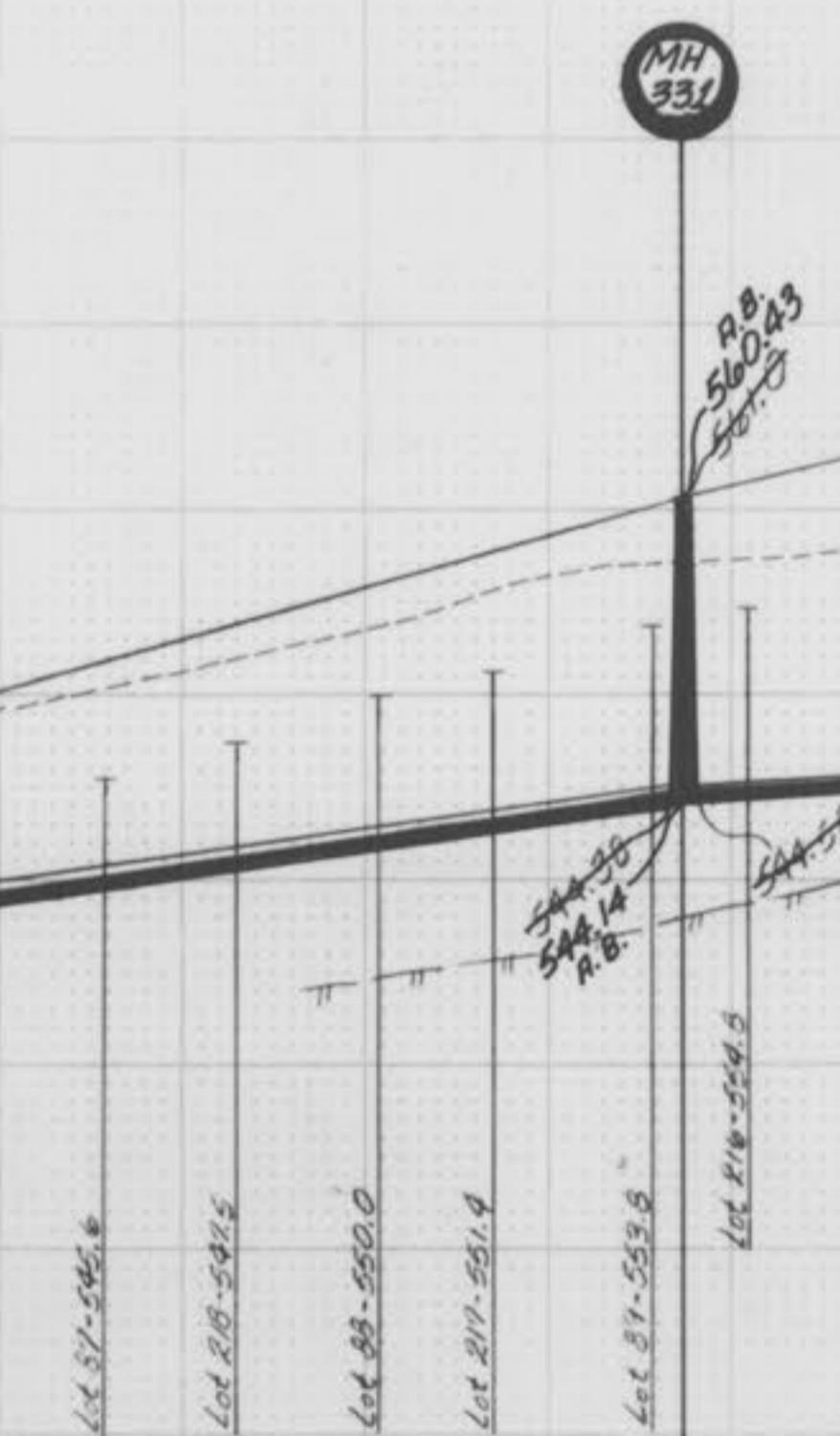
300

FINAL SURVEY BY DATE

ORIGINAL SURVEY BY DATE

NOTE BOOK NO.

TEMPATE AREAS CHECKED



EX MH 207

MH 331

MH 332

MH 333

570

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550

540

530

520

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490

480

470

460

450

440

PLAT FOUR

Plat Four Future Development

HIGHWAY FEDERAL AID SHEET  
PLATE 3-FULL CROSS SECTION-FULL DOT  
HAROLD L. PIRKLE  
PRINTED IN U.S.A.

Feb. 3, 1997

SANITARY & STORM AS-BUILTS  
(AS SHOWN ON PROFILES)

5 / 17

Cherrywood Parc - Plat 4 As-Builts 4/5

## PLAT FOUR

STORM SEWER PROFILES  
CHERRYWOOD PARC  
AUG. 19, 1996

94-306

REV. 8/26/96

DATE
BY
SURVEYED
PIOTTED
NOTE BOOK
TEMPLATE
AREAS CHECKED
NO.

ORIGINAL SURVEY
BURNTED
PIOTTED
NOTE BOOK
TEMPLATE
AREAS CHECKED
NO.

