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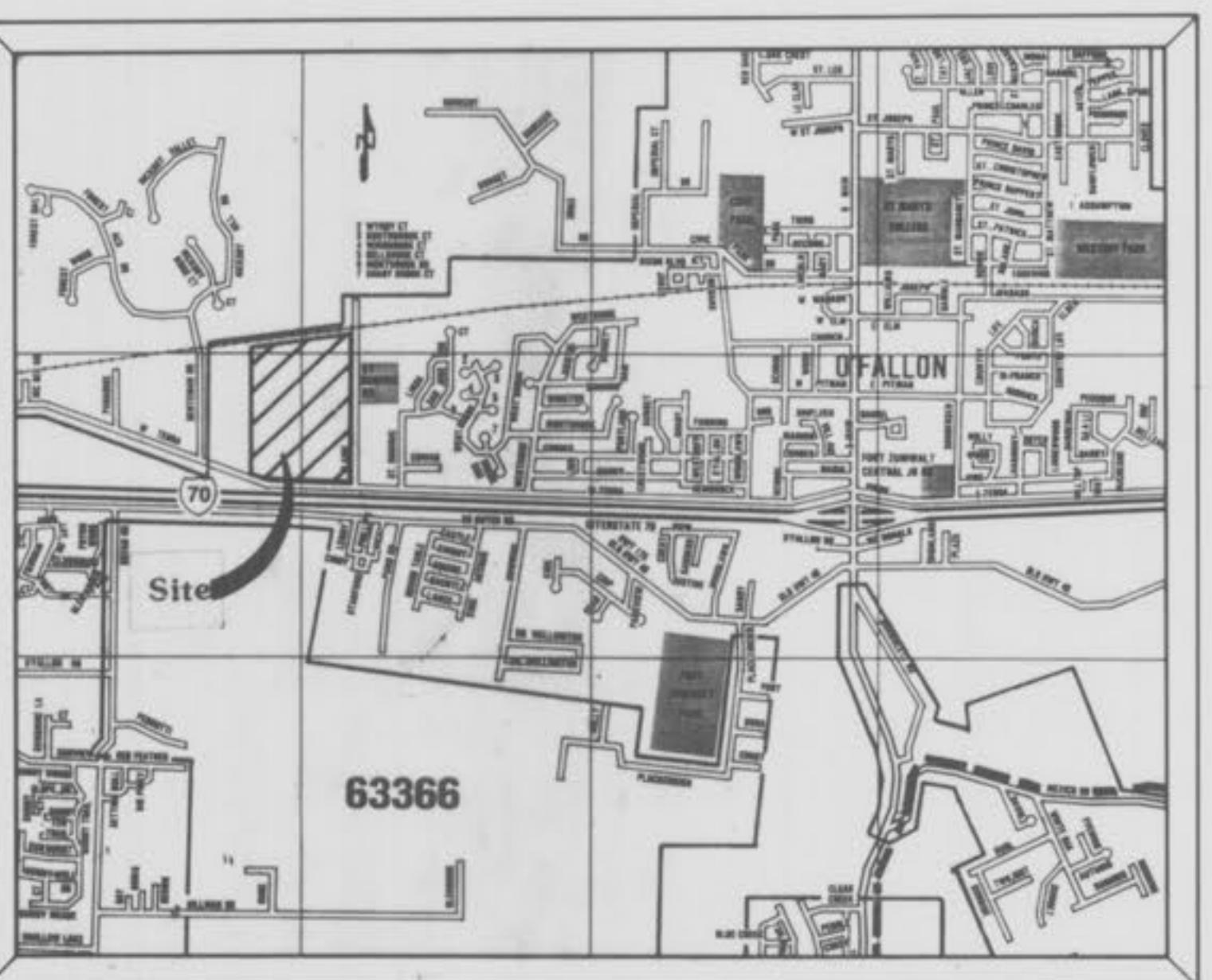
City of O'Fallon

General Notes

1. Gas, water and other underground utilities shall not conflict with the depth or horizontal location of existing and proposed sanitary and storm sewers, including house laterals.
2. Underground utilities have been plotted from available information and, therefore, their locations must 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 grading or construction of improvements.
3. Polyvinyl Chloride (PVC) shall conform to the requirements of ASTM D-3034 Standard Specifications for the PSM Polyvinyl Chloride (PVC) Sewer Pipe and Fittings, SDR-35.
4. Storm sewers 18" in diameter or smaller shall be ASTM C-14.
5. Storm sewers 21" in diameter or larger shall be ASTM C-76, Class II.
6. All storm sewer pipe under pavement, regardless of size, shall be reinforced concrete pipe (ASTM C-76, Class III) unless noted otherwise on the plans.
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. All filled places under buildings, proposed sanitary and storm sewer lines, and/or paved areas including trench backfills shall be compacted to 90% of maximum density as determined by the "Modified A.A.S.H.O. T-180 Compaction Test" (ASTM D-1557) unless otherwise specified by the local governing authority specifications. All tests will be verified by a Soils Engineer.
9. All earthen filled places within State, County, or City roads (Highways) shall be compacted to 90% of maximum density as determined by the "Standard Proctor Test A.A.S.H.O. T-59" (ASTM D-698) unless otherwise specified by local governing authority specifications. All tests will be verified by a Soils Engineer.
10. All storm and sanitary trench backfills shall be water jetted. Granular fill will be used under paved areas.
11. Easements shall be provided for storm sewers, sanitary sewers, and all utilities on the record plat. See record plat for location and size of easements. This does not apply to house laterals.
12. No area shall be cleared without the permission of the developer.
13. All grade shall be within 0.2 feet (more or less) of those shown on the grading plan.
14. No slope shall be greater than 3:1 and shall be either sodded or seeded and mulched.
15. Hazard markers will consist of three (3) standard specification, "Manual on Uniform Traffic Control Devices", end of roadway markers mounted on two (2) pound "U" channel sign post. Each marker shall consist of an eighteen (18) inch diamond reflectorized red panel. The bottom of each panel shall be mounted a minimum of four (4) feet above the elevation of the pavement surface.
16. All manhole and curb inlet tops built without elevations furnished by the Engineer will be the responsibility of the sewer contractor. At the time of construction stake-out of the sewer lines, all curb and grate inlets will be face staked. If normal face stakes fall in line with sewer construction, the Engineer will set these stakes on a double offset. It shall be the responsibility of the sewer contractor to preserve all face stakes from destruction.
17. All standard street curb inlets to have front of inlet 2 feet behind curb.
18. The minimum vertical distance from the low point of the basement to the flowline of a sanitary sewer at the corresponding house connection shall not be less than the diameter of the sanitary sewer plus a vertical distance of not less than 2½ feet.
19. Water lines, valves, sleeves, meters and etc. shall meet all specifications and installation requirements of the local governing authority.
20. All cast iron pipe for water mains shall conform to A.W.W.A. specification C-106 and/or C-108. The cast iron fittings shall conform to A.W.W.A. specification C-110. All rubber gasket joints for water cast iron pressure pipe and fittings shall conform to A.W.W.A. specification C-111.
21. All water hydrants and valves shall be cast iron and installed in accordance with plans and details.
22. All sanitary and storm sewers shall meet all specifications and installation requirements of the local governing authority.
23. All PVC water pipe shall have a minimum pressure rating of PR-200 or SDR-21.
24. All PVC sanitary sewer pipe shall be DR-35 or equal with crushed stone bedding uniformly graded between 1" and 1½" size. This bedding shall extend from 6" below the pipe to 12" inches above the top of the pipe.
25. All site grading shall be seeded and mulched and all disturbed Right-of-Way Markers shall be reset at the completion of grading.
26. All streets must meet the specifications and installation requirements of the City of O'Fallon.
27. All sanitary manhole tops shall be set 0.2' higher than the proposed ground except in pavement areas.
28. All sanitary manholes shall have a 31 mil. thick coat of coal tar pitch waterproofing.
29. All sanitary service lines shall have a 6" diameter for Multi-family and a 4" diameter for Single-family developments.
30. Manhole frame and cover shall be Clay and Bailey No. 2008 for Neenah R-1736 or Deeter 1315 or approved equal.
31. A drop of 0.2 feet is required through each sanitary manhole.
32. Brick shall not be used on manholes.
33. This tract is served by:
 - A. O'FALLON MUNICIPAL SYSTEM (water)
 - B. O'FALLON MUNICIPAL SYSTEM (sanitary)
 - C. UNION ELECTRIC COMPANY
 - D. LACLEDE GAS COMPANY
 - E. CONTINENTAL TELEPHONE

NORTH CENTRAL INDUSTRIAL PARK

"AS-BUILTS"



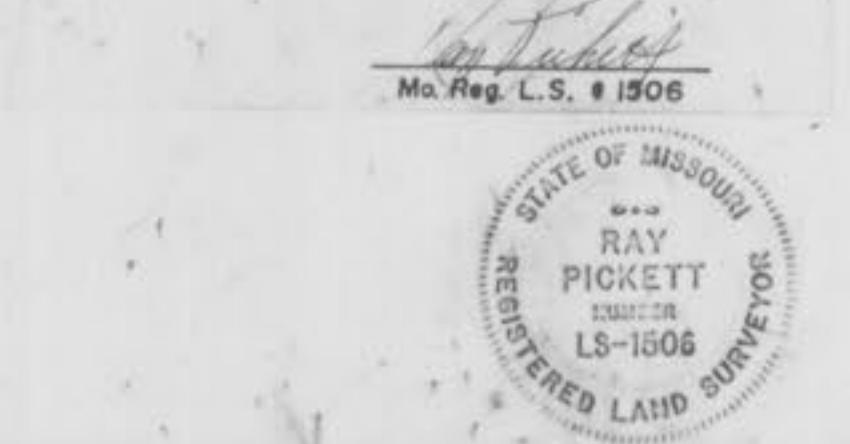
Location Map

Benchmark

"M" In MUELLER On Fire Hydrant, 300' ± West Of Elaine Road & 50' ± North Of Service Road. Elev. 631.42

"M" In MUELLER On Fire Hydrant, 400' ± East Of West Property Line & 50' ± North Of Service Road. Elev. 623.92

This is to certify that the as-constructed elevations, locations and distances shown hereon are correct and were taken in the field during January 30, 1989.



"AS-BUILTS"

PROPERTY OF
CITY OF O'FALLON
BUILDING DEPARTMENT



PICKETT RAY & SILVER
Civil Engineers
Planners
Land Surveyors
303 Mid Rivers Mall Dr.
St. Peters, MO 63376
441-1211 278-1211

PREPARED FOR:

AS-B-1-30-89 MAR
Rev. 6-6-88 KAH
Rev. 5-19-88 RED
Rev. 12-10-87 RED
Rev. 11-10-87 RED
SOIL PROFILE, GRAVITY
GEOPHYSICAL SURVEY
F.B. 369A

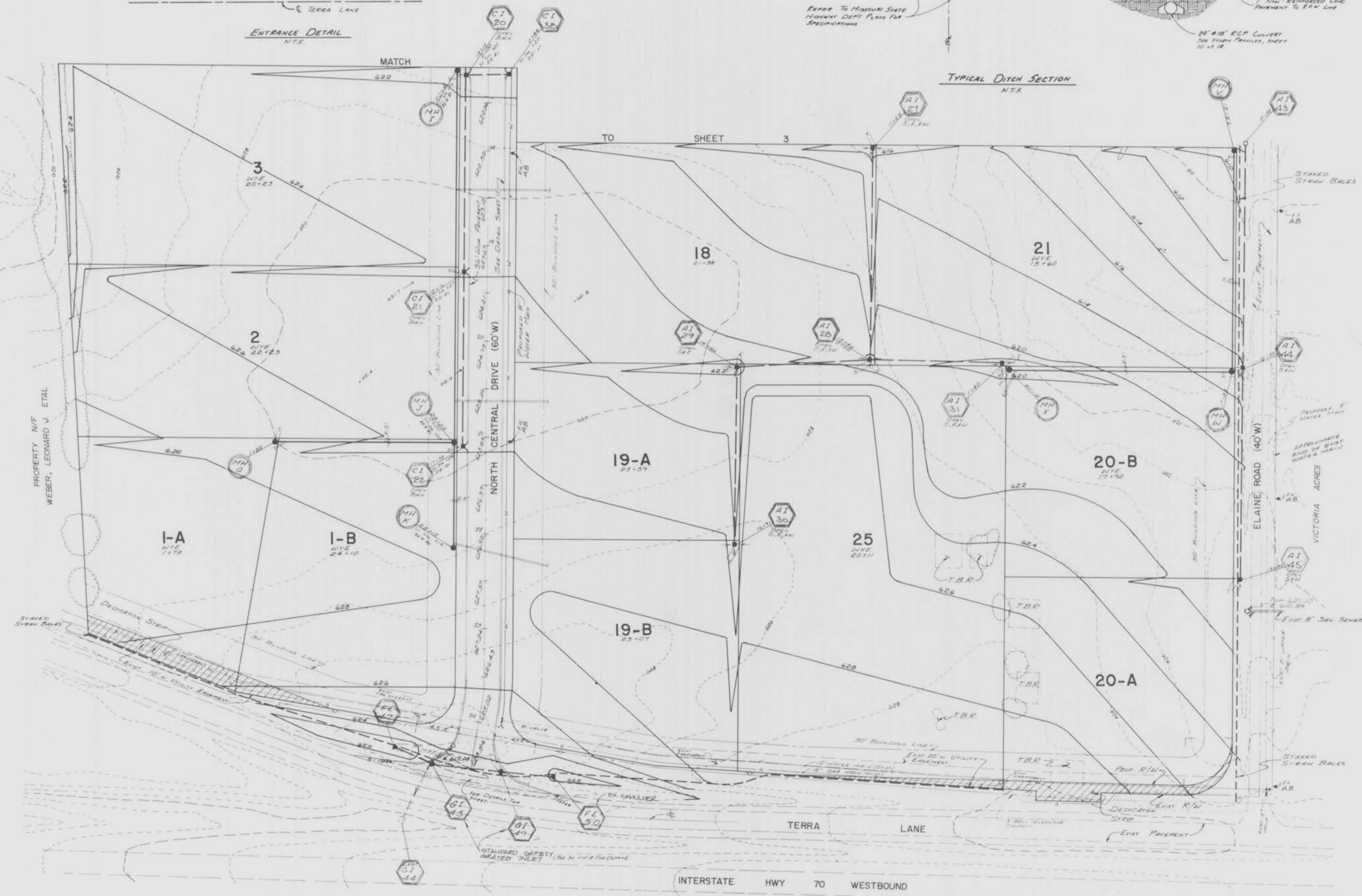
DRAWN _____ DATE _____
CHECKED _____ DATE _____
FIELD 369 BOOK PROJECT # 86-182
JOB ORDER # 18-182

City of O'Fallon, Mo.
NORTH CENTRAL INDUS. PARK - AS-BUILTS



0 25' 50' 100'
Scale 1" = 50'

AB = As-Built



ESTIMATED GRADING QUANTITY: 187,206 CUBIC YARDS

Rev. 9/10/88 Hwy Dept. Comments
Rev. 1/25/89 JEE STORM @ Ent.
Rev. 12-30-87 D.W.B.
Rev. 1/25/89 JEE STORM @ Ent.
Rev. 11-2-87 R.E.D.

PROPERTY OF
CITY OF O'FALLON
BUILDING DEPARTMENT

2
9
10

"AS-BUILTS"

NORTH CENT. INDU. PARK - AS-BUILTS

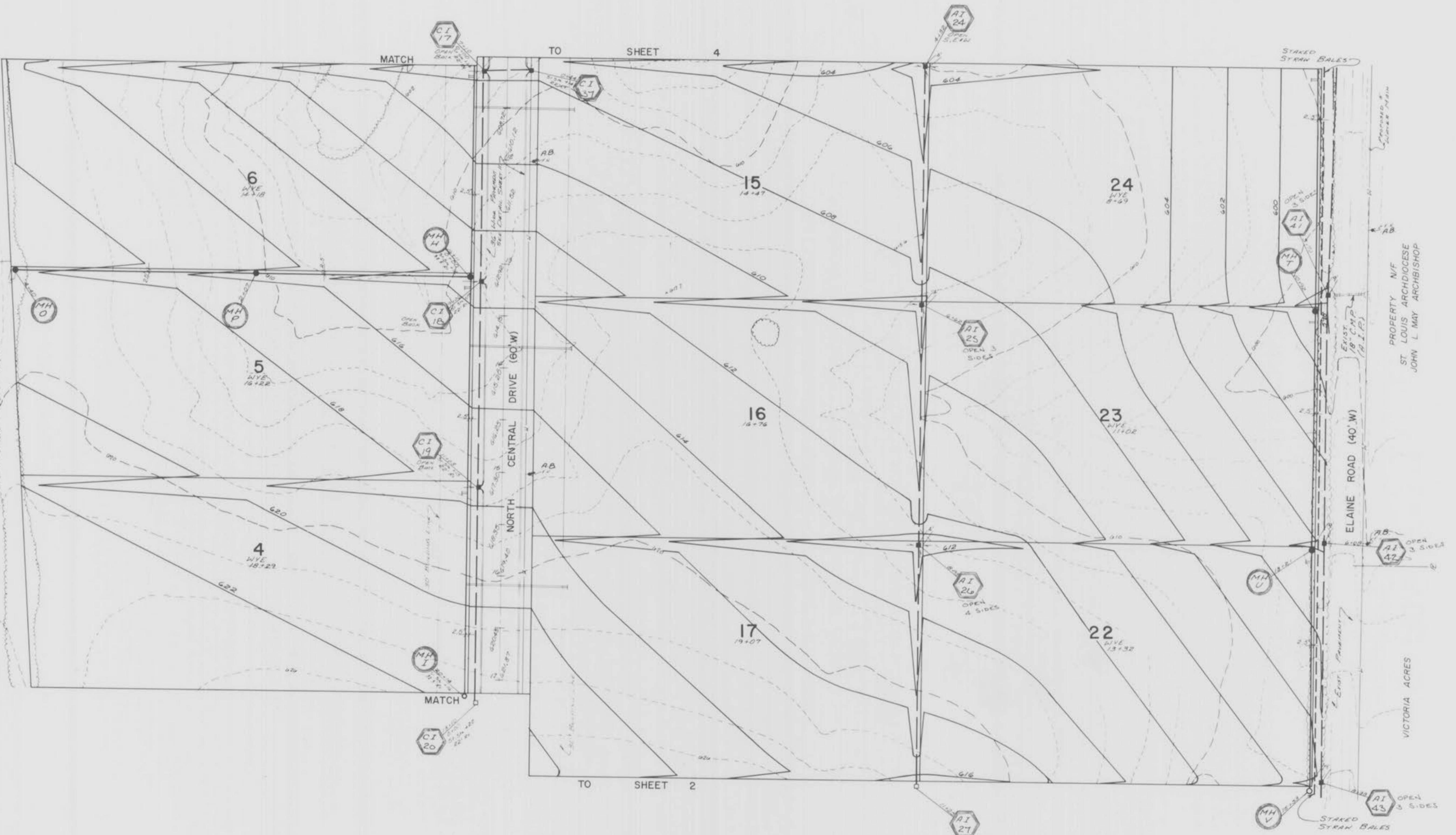


0 25' 50' 100'
Scale 1" = 50'

A.B. = As-Built

PROPERTY N/F
ST. LOUIS ARCHDIOCESE
JOHN L. MAY ARCHBISHOP

VICTORIA ACRES



PROPERTY OF
CITY OF O'FALLON
BUILDING DEPARTMENT

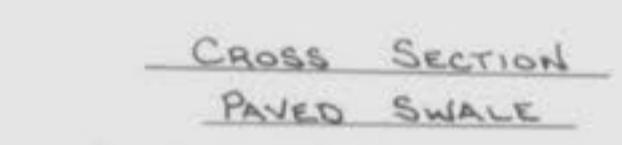
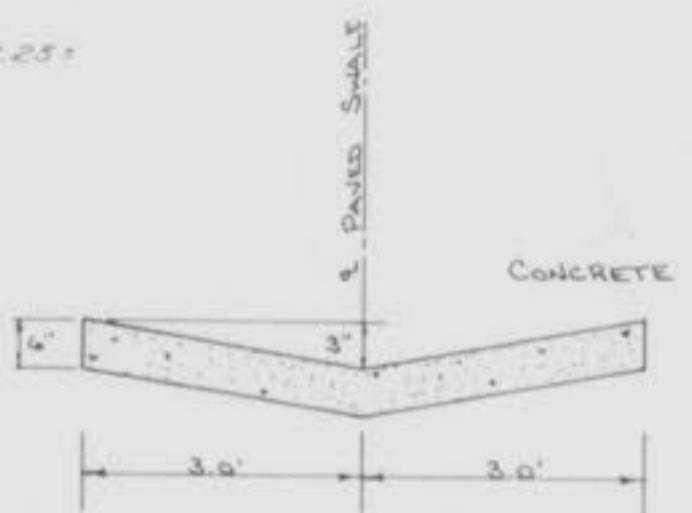
3
9
48

"AS-BUILTS"



0 25' 50' 100'
Scale 1' = 50'

AB = As-Built



"AS-BUILTS"
REV. 11-19-88 RED.
5-1-89 E.S.
4 48

PROPERTY OF
CITY OF O'FALLON
BUILDING DEPARTMENT
ELEV. 590.00
DETENTION BASIN
EMERGENCY SPILLWAY

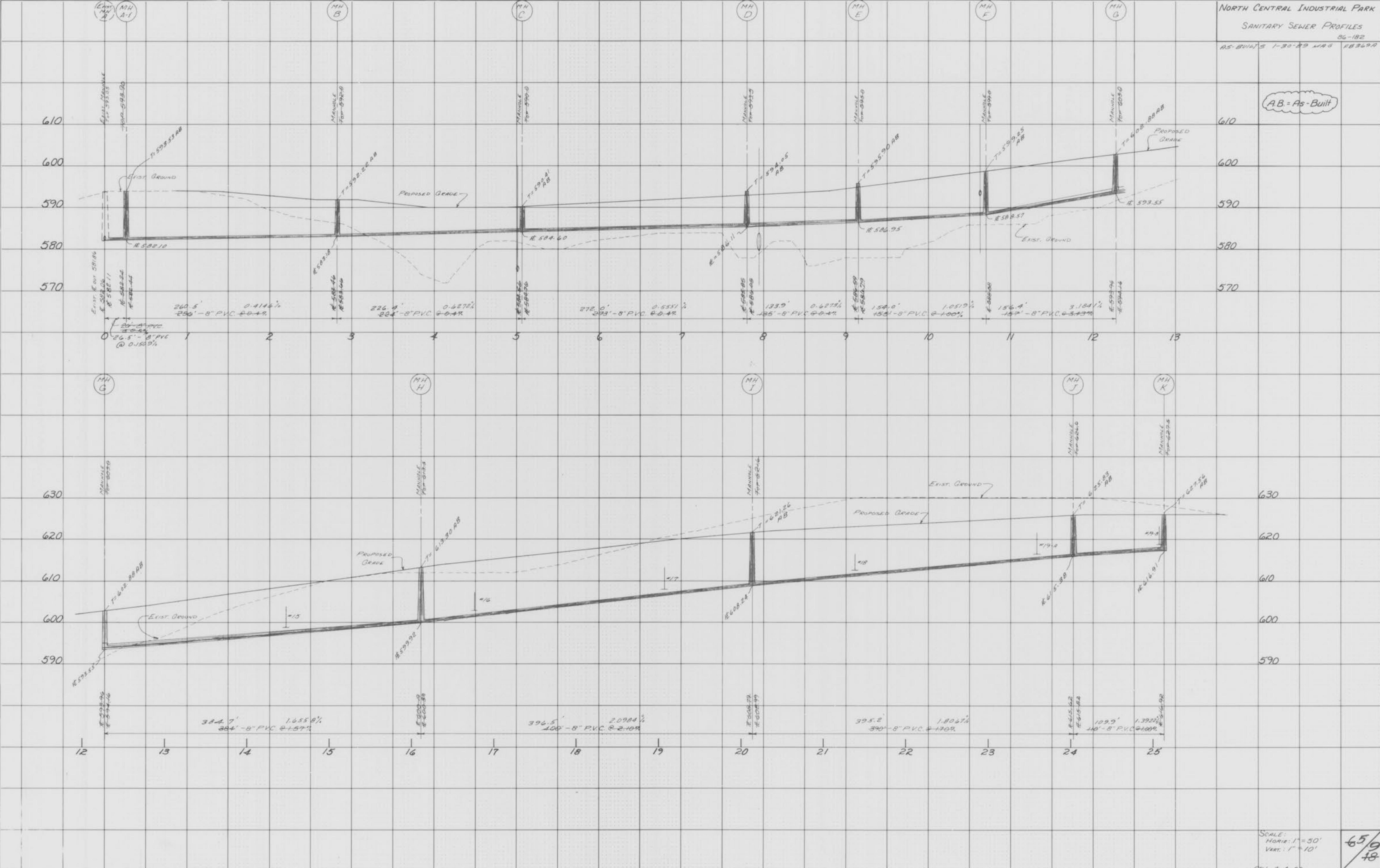
NORTH CENTRAL INDUSTRIAL PARK
SANITARY SEWER PROFILES
86-182

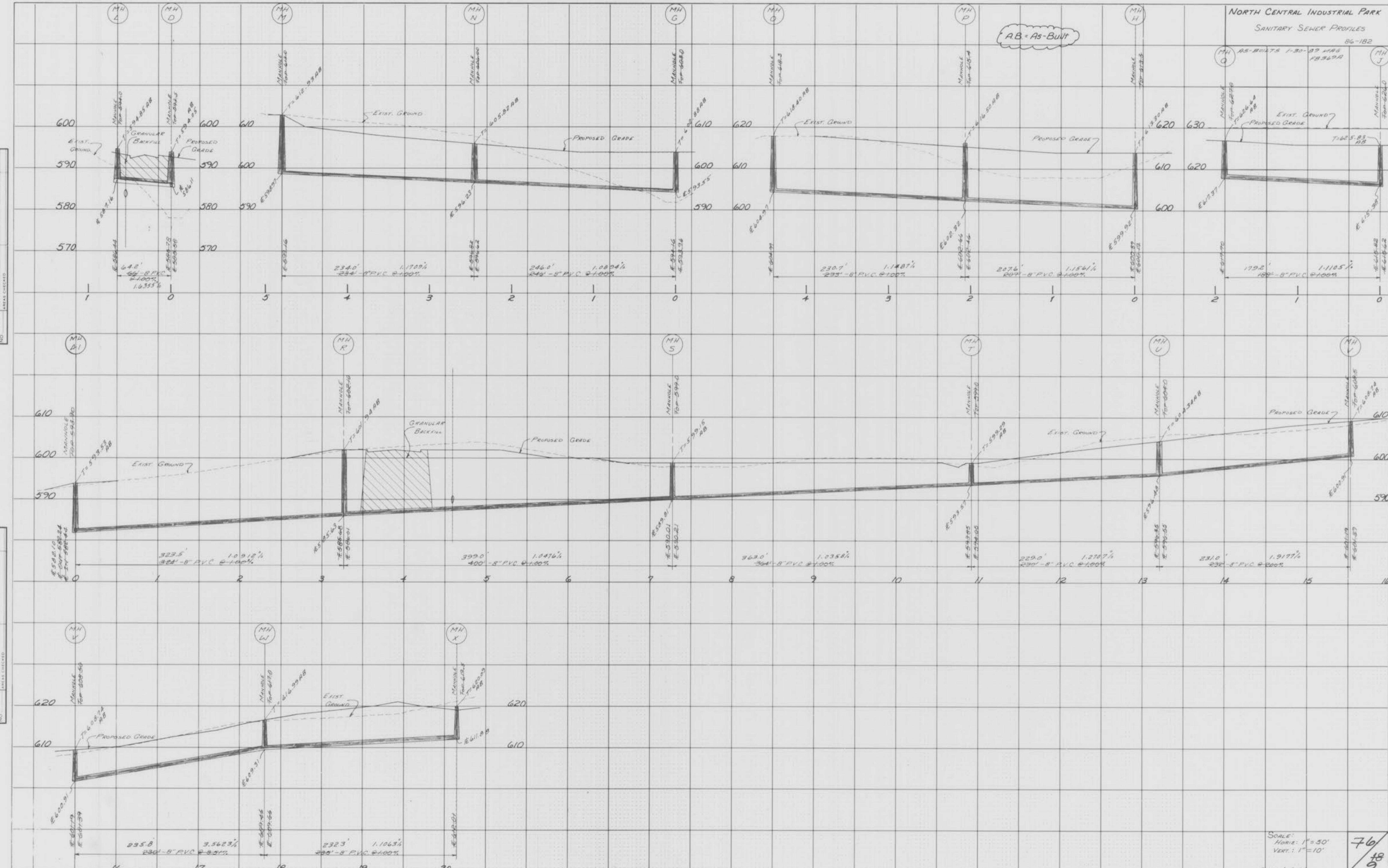
RS-BUILT 3 1-30-89 M&G FB369A

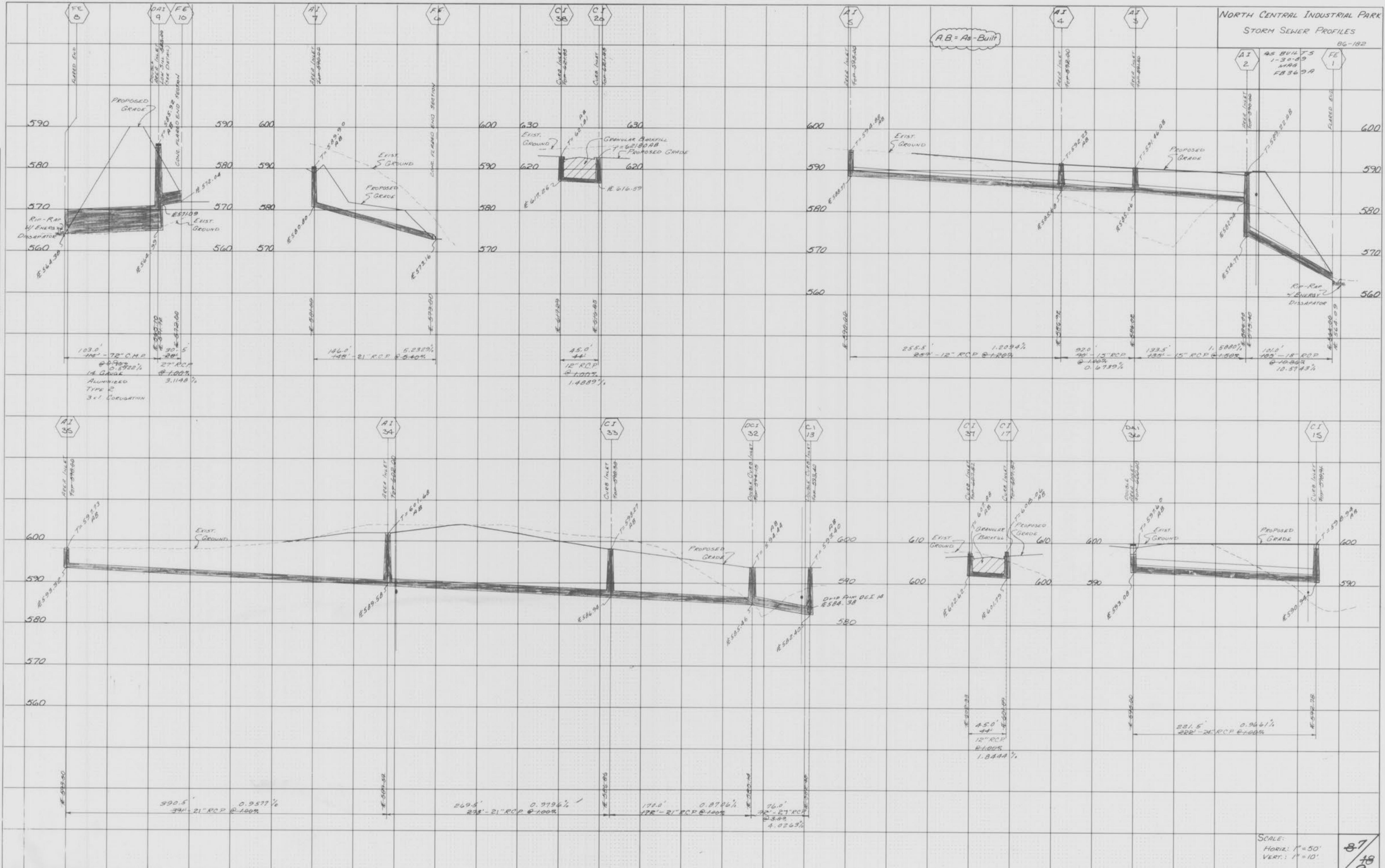
A.B.=As-Built

FINAL SURVEY	DATE
BY	
INSTRUMENT	
NOTE BOOK	
ARMAS	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
BY	
INSTRUMENT	
NOTE BOOK	
ARMAS	
AREAS CHECKED	







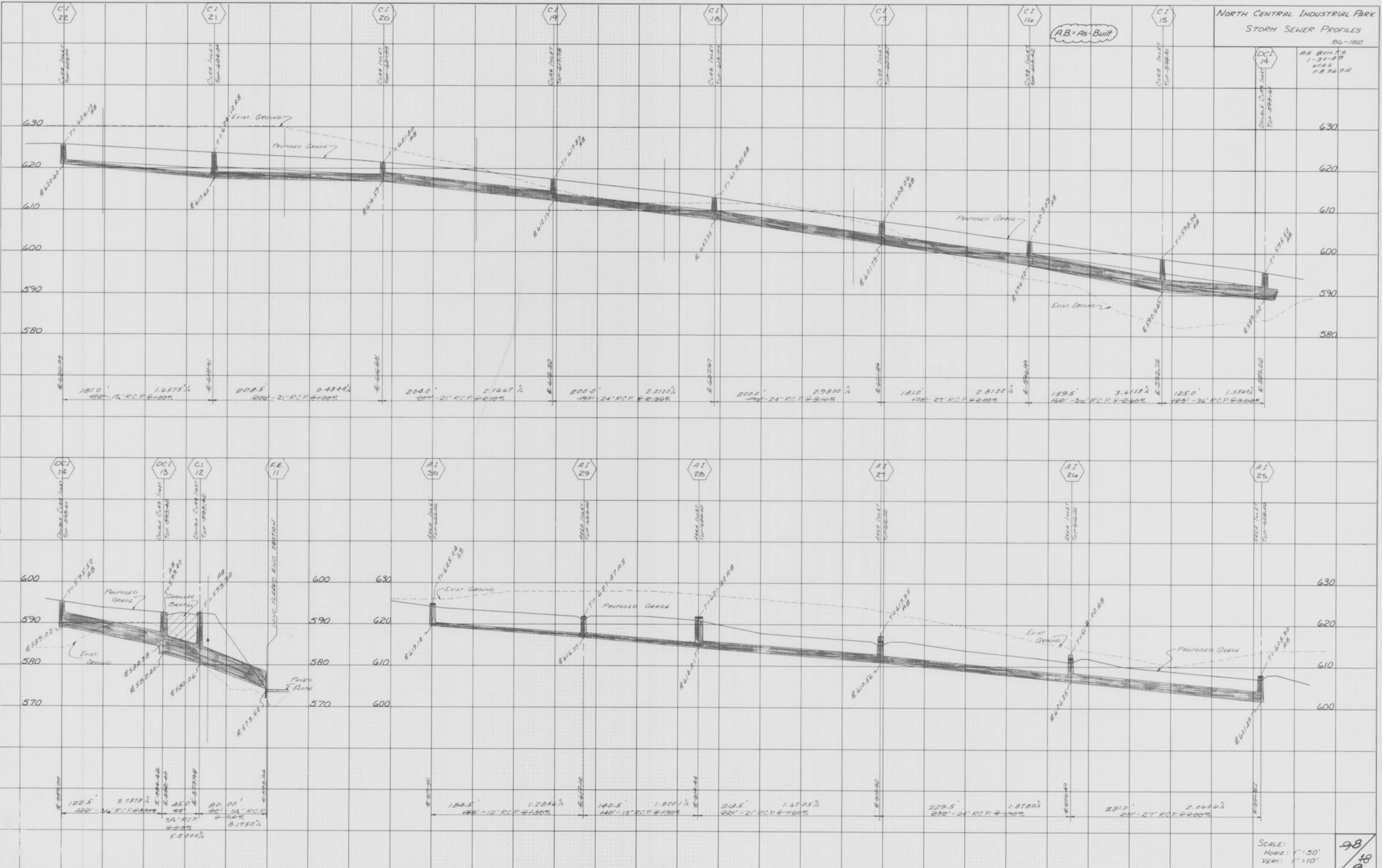
HIGHWAY FEDERAL AID SHEET
PLATE 3-FULL CROSS SECTION-LINE & DOT
TELETYPE
PRINTED IN U.S.A.

PROPERTY OF
CITY OF O'FALLON
BUILDING DEPARTMENT

"AS-BUILTS"

FINAL SURVEY
PLOTTED
NOTE BOOK
NO. AREAS CHECKED

ORIGINAL SURVEY
PLOTTED
NOTE BOOK
NO. AREAS CHECKED



ORIGINAL SURVEY	BUILT BY	DATE
SURVEYED		
BUILT		
REMOVED		
PLOTTED		
STAMPED		
NOTE BOOK		
NO.		
CARDED		

ORIGINAL SURVEY	BUILT BY	DATE
SURVEYED		
BUILT		
REMOVED		
PLOTTED		
STAMPED		
NOTE BOOK		
NO.		
CARDED		

