

VILLAGES AT DARDENNE - PRAIRIE VILLAGE

A TRACT OF LAND BEING PART OF
LOTS 1, 2 AND 3 OF THE JAMES CAMPBELL
ESTATE AS RECORDED IN PLAT BOOK 3, PAGE 51,
WITHIN U.S. SURVEY 3225, TOWNSHIP 46 NORTH, RANGE 3 EAST
ST. CHARLES COUNTY, MISSOURI

PHASE THREE - 185 LOTS

DRAWING INDEX

Sheet	Description
1	COVER SHEET
2-4	SITE PLAN
11-19	GRADING PLAN
20-28	STREET PROFILES
28a	McCLUER ROAD ENTRANCE
5-10	SANITARY SEWER PROFILES
11-16	STORM SEWER PROFILES
47-55	DRAINAGE AREA MAPS
56-60	CONSTRUCTION DETAILS
60a-60b	WATER LAYOUT PLAN

CITY OF O'FALLON GENERAL NOTES

- Gas, water and other underground utilities shall not conflict with the depth or horizontal locations of existing and proposed sanitary and storm sewers, including house laterals.
- 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.
- 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.
- All storm sewer pipe under pavement, regardless of size, shall be reinforced concrete pipe (ASTM C-76, Class III) unless noted otherwise in the plans.
- Property is located within the Flood Plain boundaries per FIR Map No. 29183C023R and 29183C043C, revised on August 2, 1996.
- All filled places under building, 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.T.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.
- All earthen filled places within State, County, or City roads (Highways) shall be compacted to 95% of maximum density as determined by the "Standard Proctor Test A.A.S.H.T.O. T-99" (ASTM D-698) unless otherwise specified by local governing authority specifications. All tests will be verified by a soils engineer.
- All storm and sanitary trench backfills shall be water-jetted. Granular fill will be used under paved areas.
- Easements shall be provided for storm sewers, sanitary sewers, and all utilities on the record plot. See record plot for location and size of easements. This does not apply to house laterals.
- No area shall be cleared without the permission of the developer.
- All grades shall be within 0.2 feet (more or less) of those shown on the grading plan.
- No slope shall be greater than 3:1 and shall be either sodded or seeded and mulched.
- 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.
- 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 staking-out of the sewer lines, all curb and grade 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.
- All standard street curb inlets to have front of inlet 2 feet behind curb.
- 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 not less than two and one-half feet (2-1/2').
- Water lines, valves, sleeves, meters and etc., shall meet all specifications and installation requirements of the local governing authority.
- 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.

- All water hydrants and valves shall be cast iron and installed in accordance with plans and details.
- All sanitary and storm sewers shall meet all specifications and installation requirements of the local governing authority.
- All PVC water pipe shall have a minimum pressure rating of PR-200 or SDR-21.
- All PVC sanitary sewer pipe shall be SDR-35 or equal with "clean" 1/2" to 1" granular stone bedding uniformly graded. This bedding shall extend from 4" below the springline of pipe to immediate backfill over pipe shall consist of same size "clean" or "minus" stone from springline of pipe to 6" above the top of pipe.
- All grading on Missouri State Highway Right-of-Way shall be seeded and mulched and all disturbed Right-of-Way markers shall be reset at the completion of grading.
- All streets must meet the specifications and installation requirements of the City of O'Fallon.
- All sanitary manholes top shall be set 0.2' higher than the proposed ground except in pavement areas.
- All sanitary manholes shall have a .31 mil thick coat of coal tar pitch waterproofing. See note #32 nd #42.
- All sanitary service lines shall have a 6" diameter for Villas and a 4" diameter for single-family developments.
- Manhole frame and cover shall be Clay and Bailey No. 2008 or Neenah R-1736 or Deister 1315 or approved equal.
- A drop of 0.2 feet is required through each sanitary manhole. SEE NOTE #45.
- The City of O'Fallon shall be notified at least 48 hours prior to construction of sanitary sewers for coordination and inspection.
- Brick shall not be used on manholes.
- Waterproofing: Waterproofing will be required on the exterior of all manholes. The bitumen shall consist of two coats of asphalt, coal-tar pitch, or a coating meeting American Society for Testing and Materials (ASTM) D-41. Asphalt shall conform to the requirements of ASTM D-449. Coal-tar pitch shall conform to the requirements of ASTM D-450. Coating shall be 31 mils thickness.
- NOTE: The grading and elevations shown on the grading plans are for construction purposes only. Finished grades and slopes will vary from those shown on the plans depending upon the location, size and type of house built on the lot. However, care should be taken to insure that finished grading conforms to drainage area maps.
- As needed, siltation fence shall be installed as a protective barrier for trees to remain.
- This tract is in or served by:
 - Water - St. Charles County P.W.S.D. No. 2
 - Electric - Union Electric
 - Telephone - C.T.E. Missouri
 - Sanitary Sewers - Duckett Creek Sanitary District
 - Gas - St. Charles Gas
 - Fire Protection - O'Fallon Fire Protection District
 - School District - Fort Zumwalt
 - Mail Service - O'Fallon
- Lot Data: A. Total Number of Lots - 337
B. Minimum Lot Size - 9,000 Sq. Ft.
C. Minimum Lot Width at Building Line - 75 Ft.
- Yard and Setback Requirements:
A. Front - 25 Feet
B. Side - 6 Feet
C. Rear - 25 Feet
- Villa Data: A. Total Number of Villas - 115.
- Distance between Villa buildings:
A. Front to Front - 50 feet
B. Back to Back - 50 feet
C. Side to Side - 20 feet
D. Front to Side - 35 feet
E. Back to Side - 35 feet
F. Corner to Corner - 15 feet

This is to certify to CITY OF O'FALLON that these "As-Built" SEWERS plans are based on actual field surveys conducted during JAN., 1999 and the results are shown hereon.



By: Daniel Ehlmann
DANIEL EHLMANN, R.L.S., #2215
STATE OF MISSOURI
PICKETT, RAY & SILVER'S CORPORATE
REGISTRATION NO. LS-54-D

ENGINEERS AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authorized by the seal, signature and date hereunder attached. Responsibility is disclaimed for other engineering plans involved in the project and specifically for those resources after this date unless reauthenticated.

PICKETT, RAY & SILVER, INC.
Signature: John P. Pickett
Date: 1/15/99



DEVELOPER
WHITTAKER CONSTRUCTION, INCORPORATED
355A MID RIVERS MALL DRIVE
ST. PETERS, MO. 63376
(314) 970-1511

REVISIONS
Rev. 10/21/98; EJS
AS-BUILTS REVISED 2-02-00
AS-BUILTS 12-02-99
"AS-BUILTS"
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CONFIDENTIAL PROPRIETARY MATERIAL
The use, reproduction and sales rights of this drawing are reserved by Pickett, Ray & Silver Inc.
DRAWN E.J.S. DATE DEC. 1997
CHECKED D.M.C. DATE DEC. 1997
FIELD BOOK 595- JOB ORDER # 95-080C
JOB ORDER # 38059
Signature: John P. Pickett
Date: 1/16/99

PICKETT RAY & SILVER

Civil Engineers
Planners
Land Surveyors

333 Mid Rivers Mall Dr.
St. Peters, MO 63376
397-1211 FAX 397-1104

SEE SHEET 8

**THE VILLAGES AT DARDENNÉ
PRAIRIE VILLAGE
SITE PLAN**

**THE VILLAGES AT DARDENNE
PRAIRIE VILLAGE
SITE PLAN**

NOTE: SWALES SHOWN SHALL BE GRADED
TO MATCH DETAIL ON SHEET 60.

GRAPHIC SCALE

(IN FEET)

1 inch = 50 ft

N/F
DICKHERBER,
DENNIS ESTATE
ET AL
1372/1091
ZONED C-2

NOTE: Underground utilities and structures have been plotted from available information and therefore, their location must be considered approximate only. It is the responsibility of the individual contractors to notify the utility companies before actual construction.

2526865

EXISTING PHASE ONE

PHASE THREE

COG MILL (50'W.) DRIVE

QUAINT COTTAGE (50'W.) COURT

McCLUER (50'W.) COURT

BASIN "C"

EXIST. LAKE TO REMAIN (DETENTION BASIN)

OPEN 3.5

10'x10' GROUTED RIPRAP w/ENERGY DISSIPATORS

ANTI-SEEPAGE COLLAR

20'W.DRAIN-AGE ESMT.

NOTE

2170.22'

OPENING WATERFORD CROSSING SUBDIVISION

2144.09'

SEE SIGHT

DATE: DEC 21 2020 PMI: 640-140000000000000000

SEE SHEET 10

THE VILLAGES AT DARDENNE PRAIRIE VILLAGE SITE PLAN

THE
REVISED 10-21-98 PER D.C.S.D. EJS
REVISED 10-21-98 PER CITY OF O'FALLON EJS
REVISED 06-19-98 PER CITY OF O'FALLON DMD
REVISED 7-18-97 PER CITY OF O'FALLON EJS
REVISED 7-15-97 EJS

NOTE: SWALES SHOWN SHALL BE GRADED
TO MATCH DETAIL ON SHEET 60.

S33°21'34"E
27.01'

$S02^{\circ}51'23''E$
223.40'

1000

1106 04/5

10

302
22

3.40' E

三三七

100

110

N/F
DICKHERBER,
DENNIS TRUST
ET AL
1372/1094
ZONED R-1A

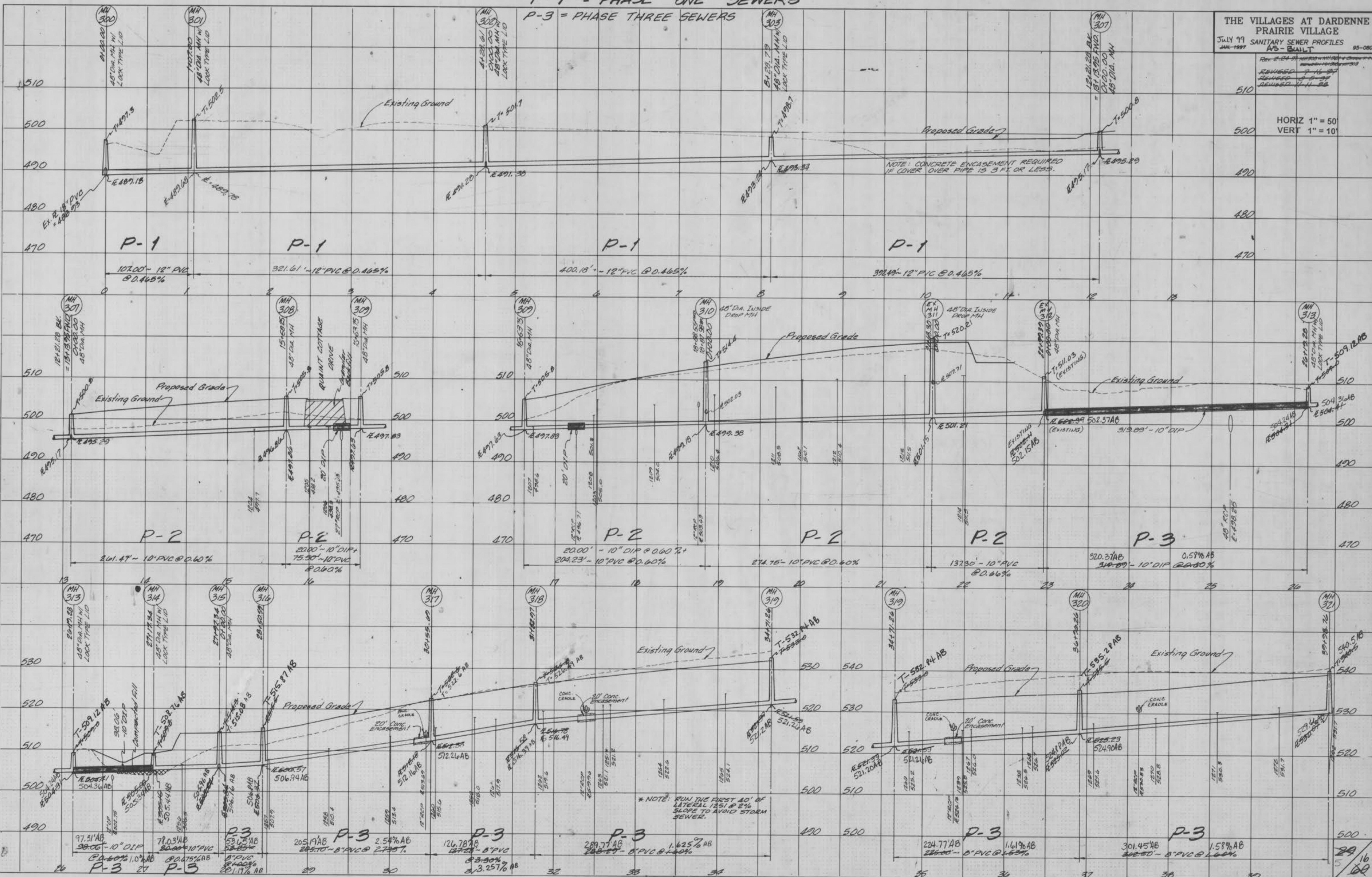
"AS-BUILTS"
SEE SHEET 8

NOTE: underground utilities and structures have been plotted from available information and their location must be considered as approximate only. It is the responsibility of the individual contractors to notify the appropriate authorities before actual construction.

P-1 = PHASE ONE SEWERS

FINAL SURVEY	SURVEYED PLOTTED TEMPLATE	BY	DATE
NOTE BOOK NO.	AREAS	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	
NOTE BOOK NO.		



THE VILLAGES AT DARDENNE
PRAIRIE VILLAGE
JULY 99 SANITARY SEWER PROFILES
JAN. 1997 AS-BUILT 95-080C

SANITARY SEWER PROFILES

SEARCHED	INDEXED
SERIALIZED	FILED
APR 16 1968	
5 97	
4 88	

HORIZ 1" = 50'
VERT 1" = 10'

Table 1. Summary of the results of the study.

A blank coordinate grid with a horizontal x-axis and a vertical y-axis intersecting at the center.

2

—

MH
313
1982

01/17/82

26.11.94
16°00'
LAX TPA
T-509.12 Hz

A technical drawing of a component labeled 510. The drawing shows a rectangular base with a central vertical slot and a small protrusion at the top. Dimension lines indicate a width of 11", a height of 504, and a thickness of 316AB. A separate dimension line indicates a length of 504.11.

5042413 500431 500431	500
--	-----

490

480

470

20

321
98.72
C18

3045
540.5
540

530

530
531 160 AD
530-07
1966
530

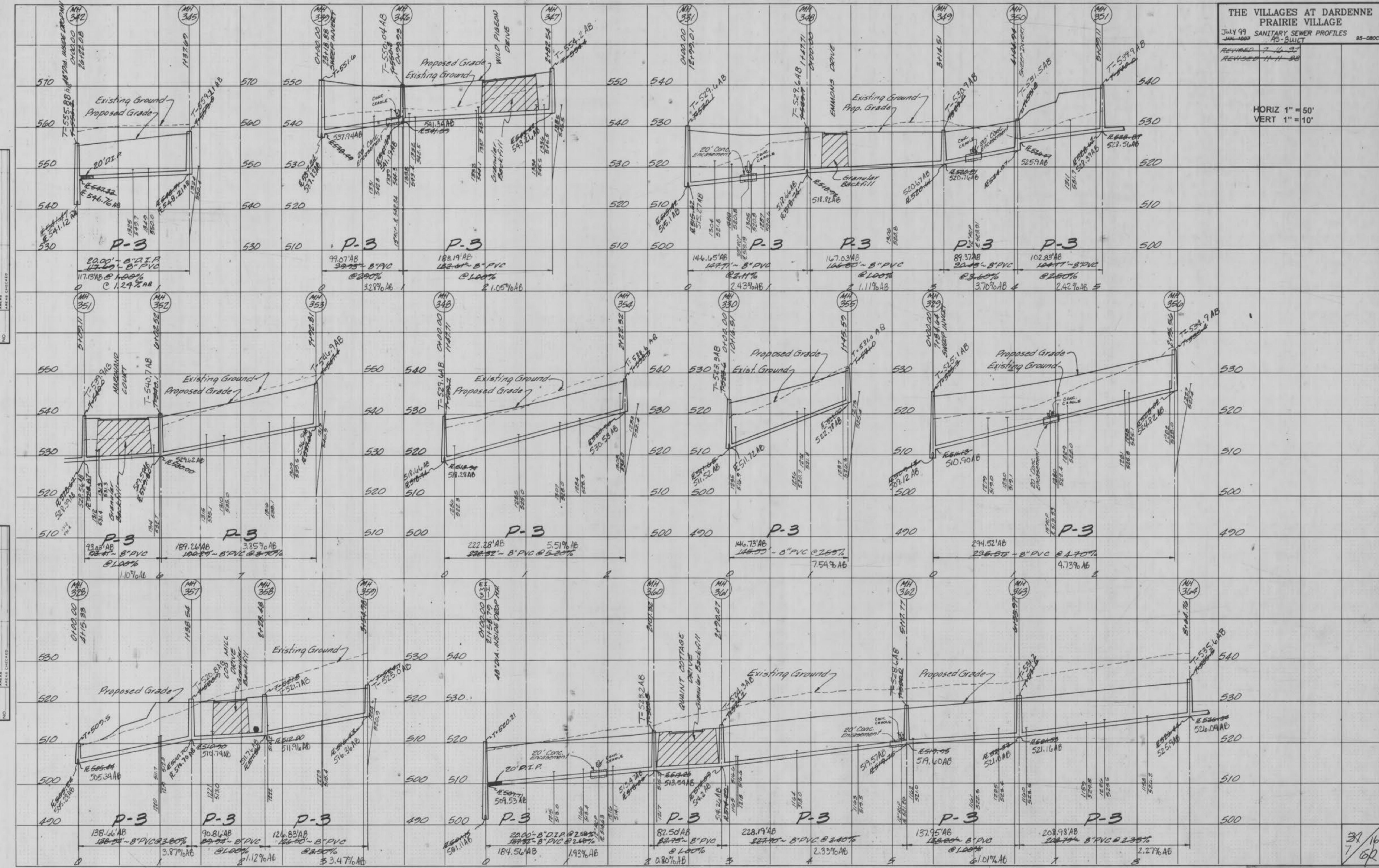
~~520~~

510

500
~~29~~ 16

"AS-BUILTS"

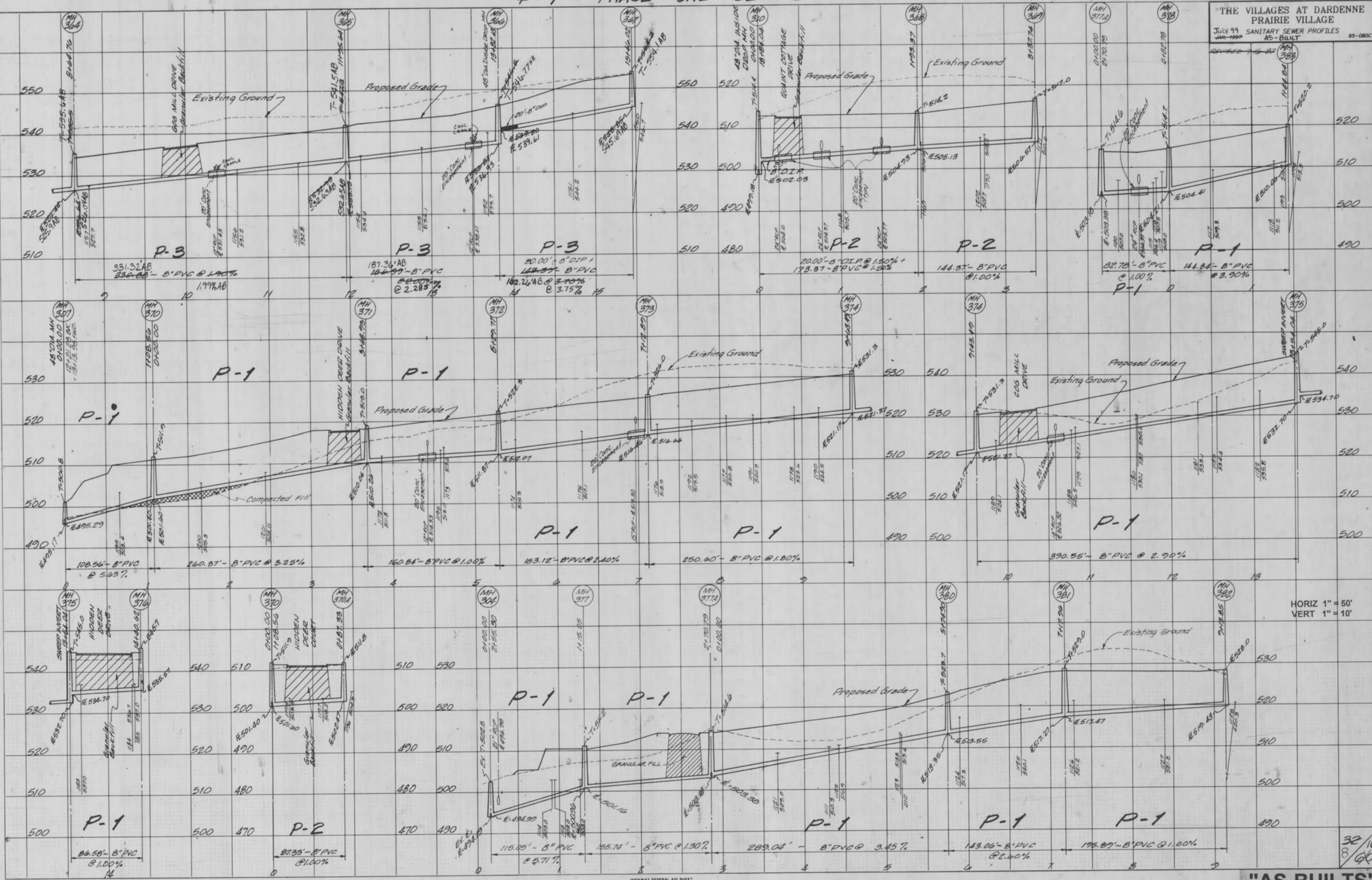
P-3 = PHASE THREE SEWERS



P-3 = PHASE THREE SEWERS
P-1 = PHASE ONE SEWERS

FINAL SURVEY	SURVEYED PLOTTED	DATE
NOTE BOOK NO.	TEMPLATE AREAS	BY
		AREAS CHECKED

ORIGINAL SURVEY	SURVEYED PLOTTED	DATE
NOTE BOOK NO.	TEMPLATE AREAS	BY



"AS-BUILTS"

P-3 = PHASE THREE SEWERS

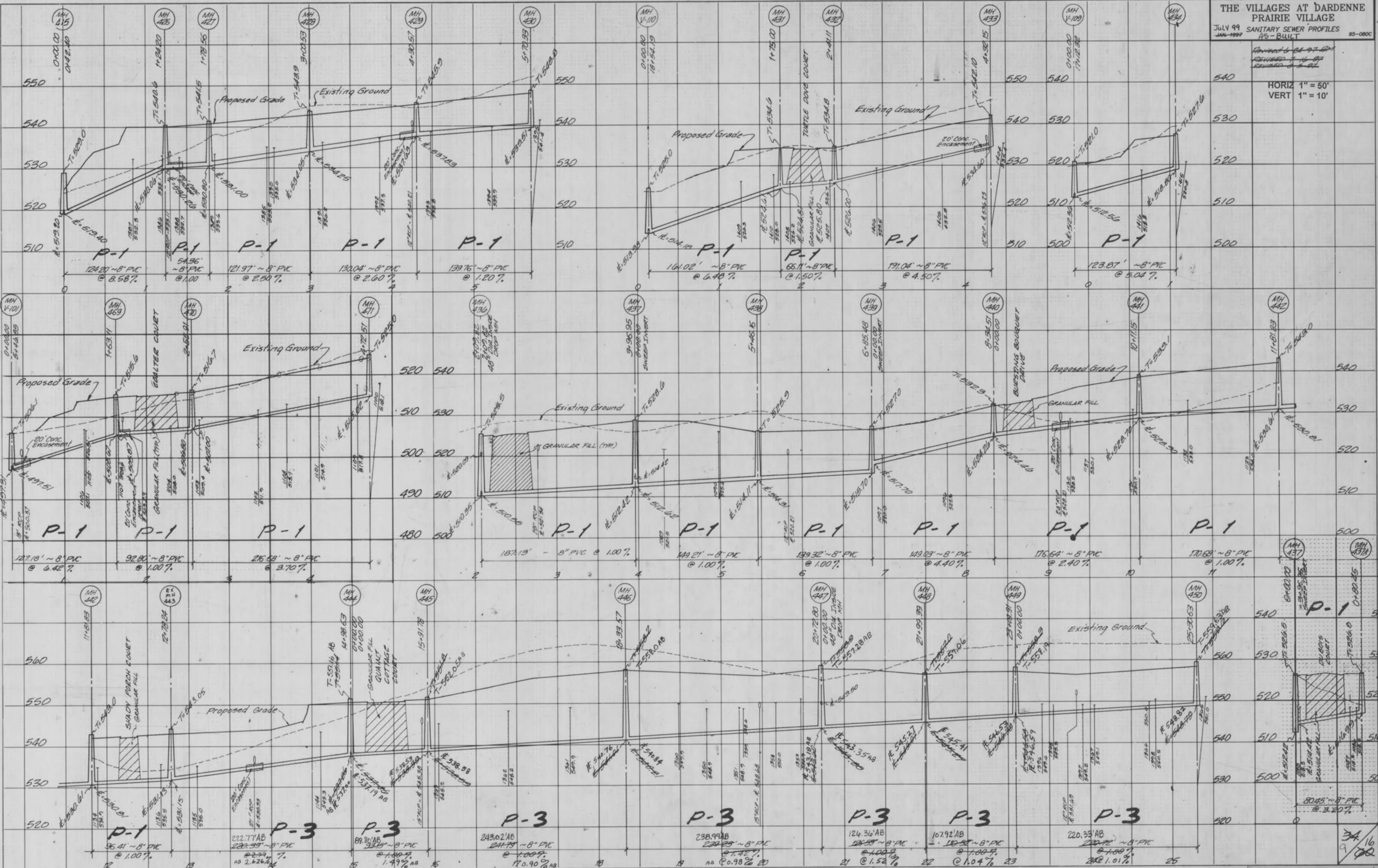
P-1 = PHASE ONE SEWERS

THE VILLAGES AT DARDENNE PRAIRIE VILLAGE

JULY 99 SANITARY SEWER PROFILES
AS-BUILT 95-080CRevised 6/24/97
Revised 7/16/97
Revised 8/14/97HORIZ 1" = 50'
VERT 1" = 10'

FINAL SURVEY	BY
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	BY
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

**"AS-BUILTS"**

P-3 = PHASE THREE SEWERS

P-1 = PHASE ONE SEWERS

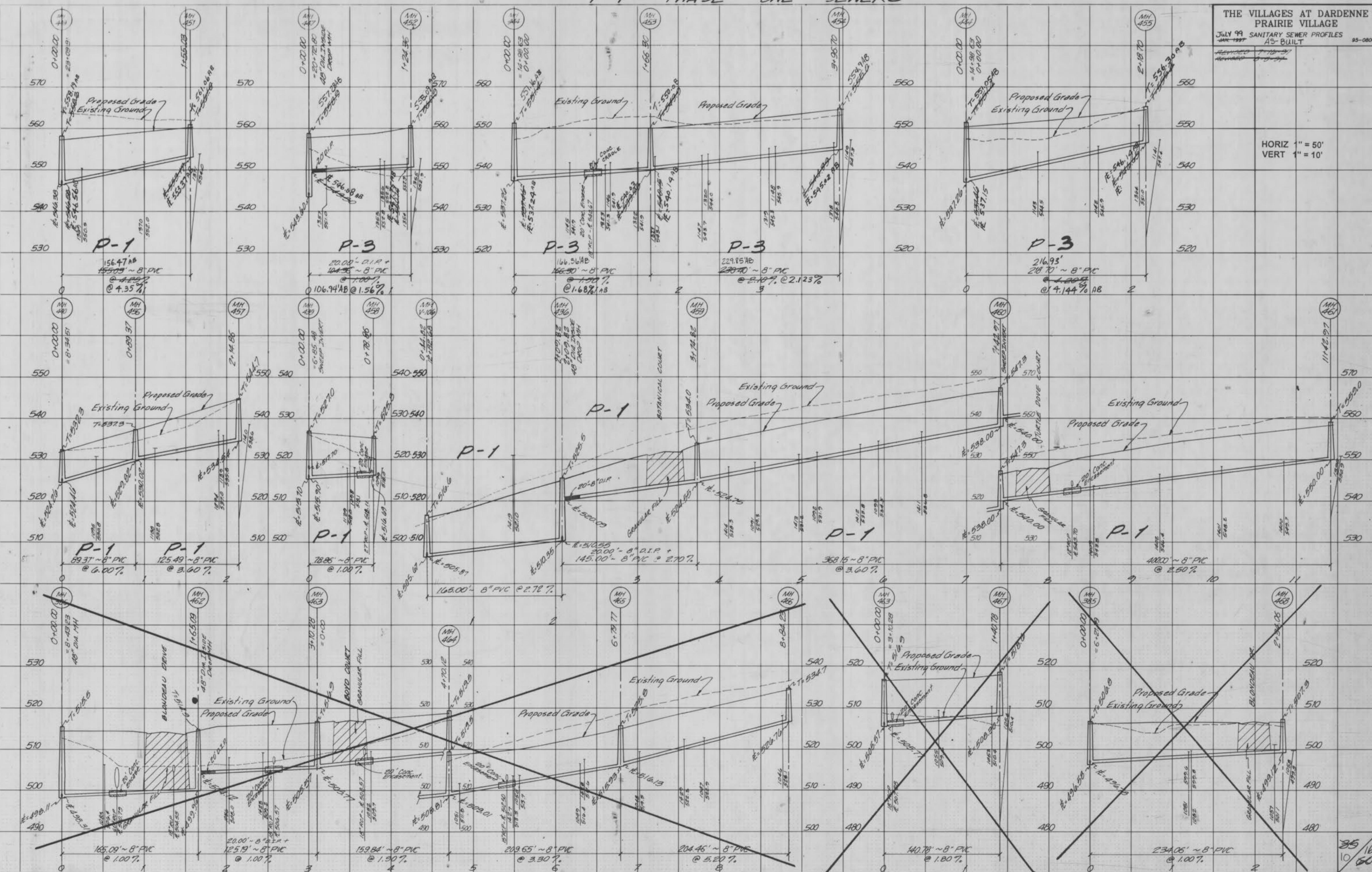
THE VILLAGES AT DARDENNE
PRAIRIE VILLAGE
JULY 99 SANITARY SEWER PROFILES
AS-BUILT 95-080C

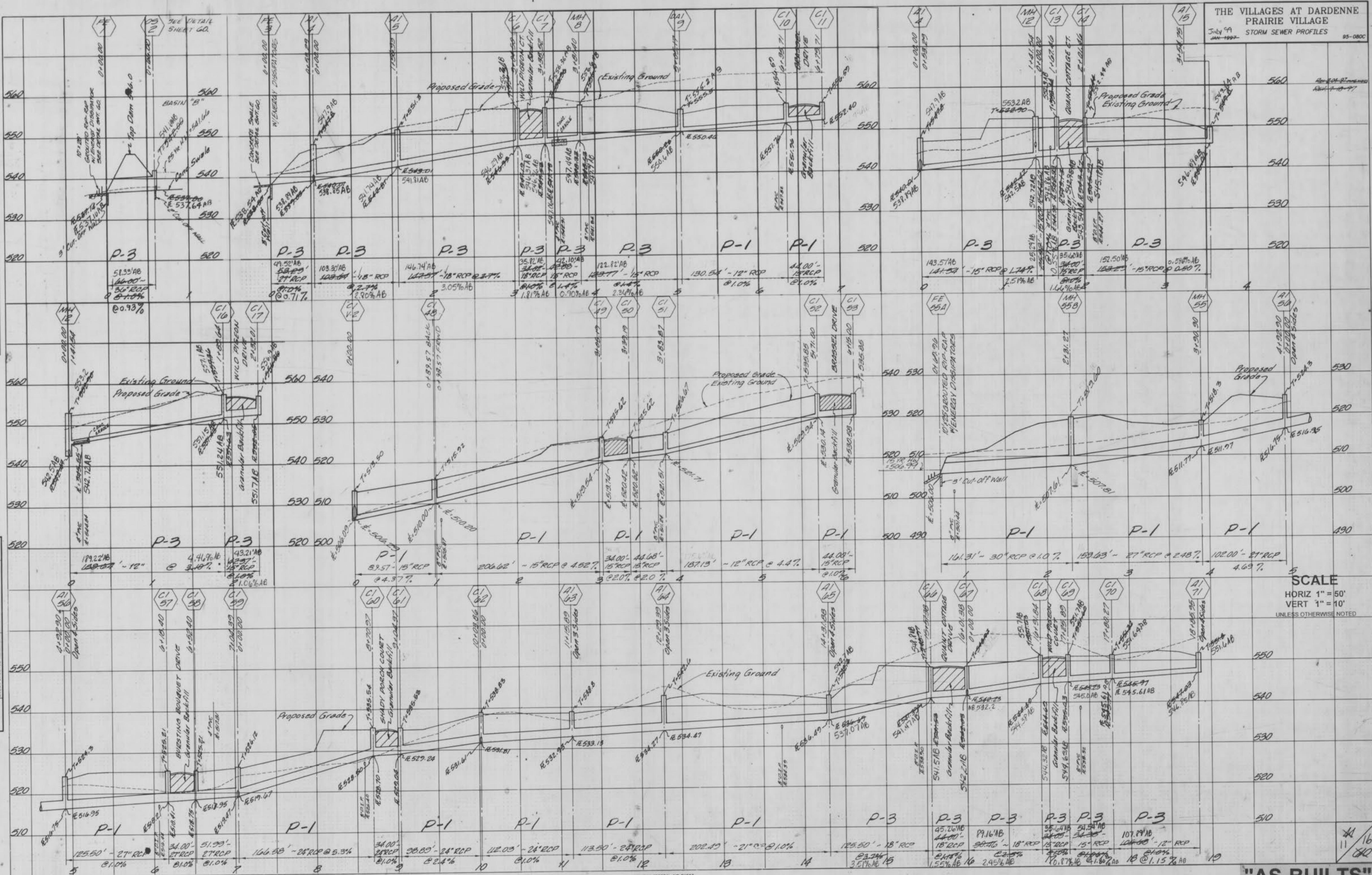
REVISED 7/10/99
AMENDED 8/3/99

HORIZ 1" = 50'
VERT 1" = 10'

FINAL SURVEY
SURVEYED
PLOTTED
NOTE BOOK
TEMPERATE
AREAS CHECKED
NO.

ORIGINAL SURVEY
SURVEYED
PLOTTED
NOTE BOOK
TEMPERATE
AREAS CHECKED
NO.





"AS-BUILTS"

THE VILLAGES AT DARDENNE
PRAIRIE VILLAGE
STORM SEWER PROFILES
AS-BUILT

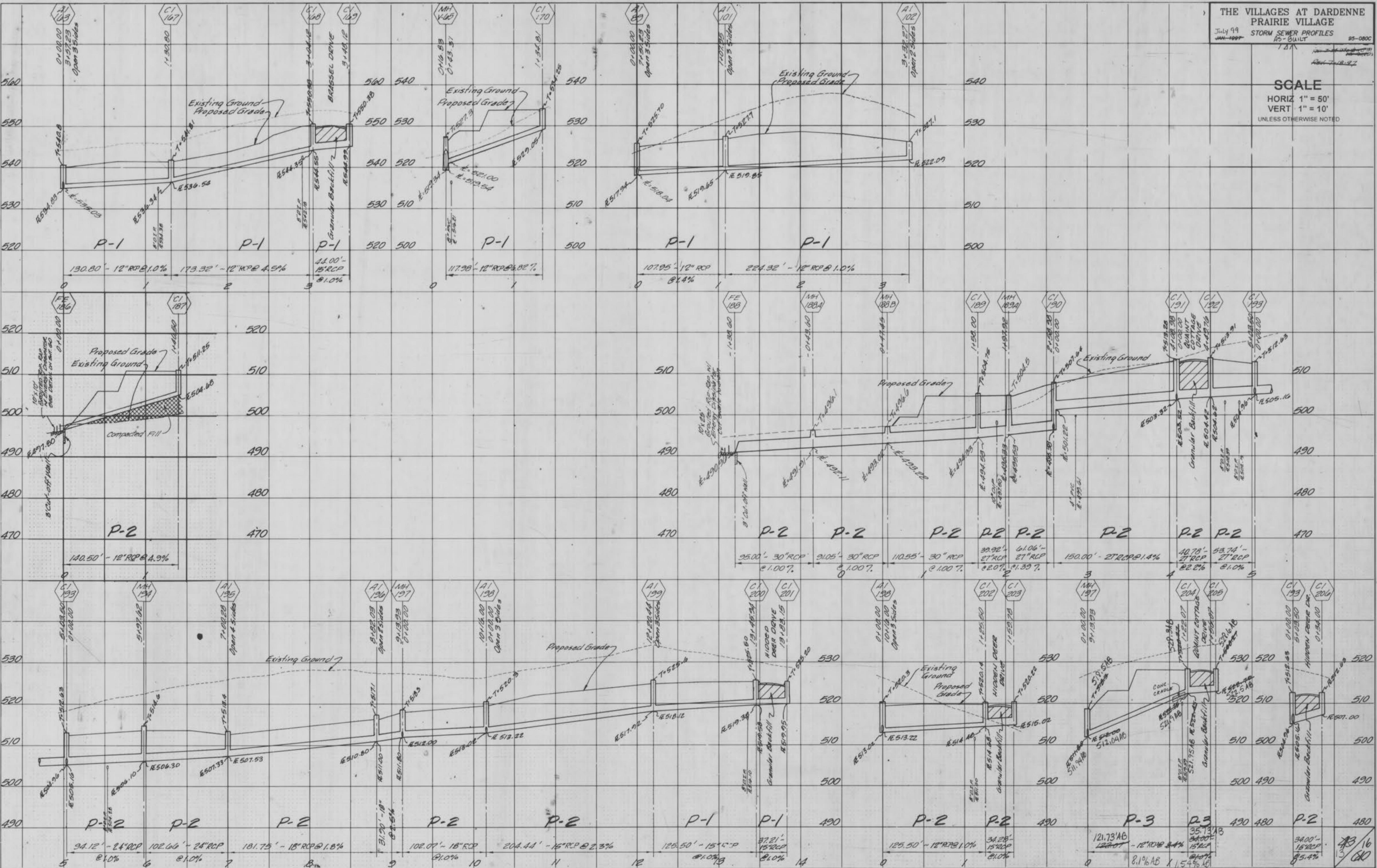
July 99
JAN-1999
Rev 7-18-97
25-0800

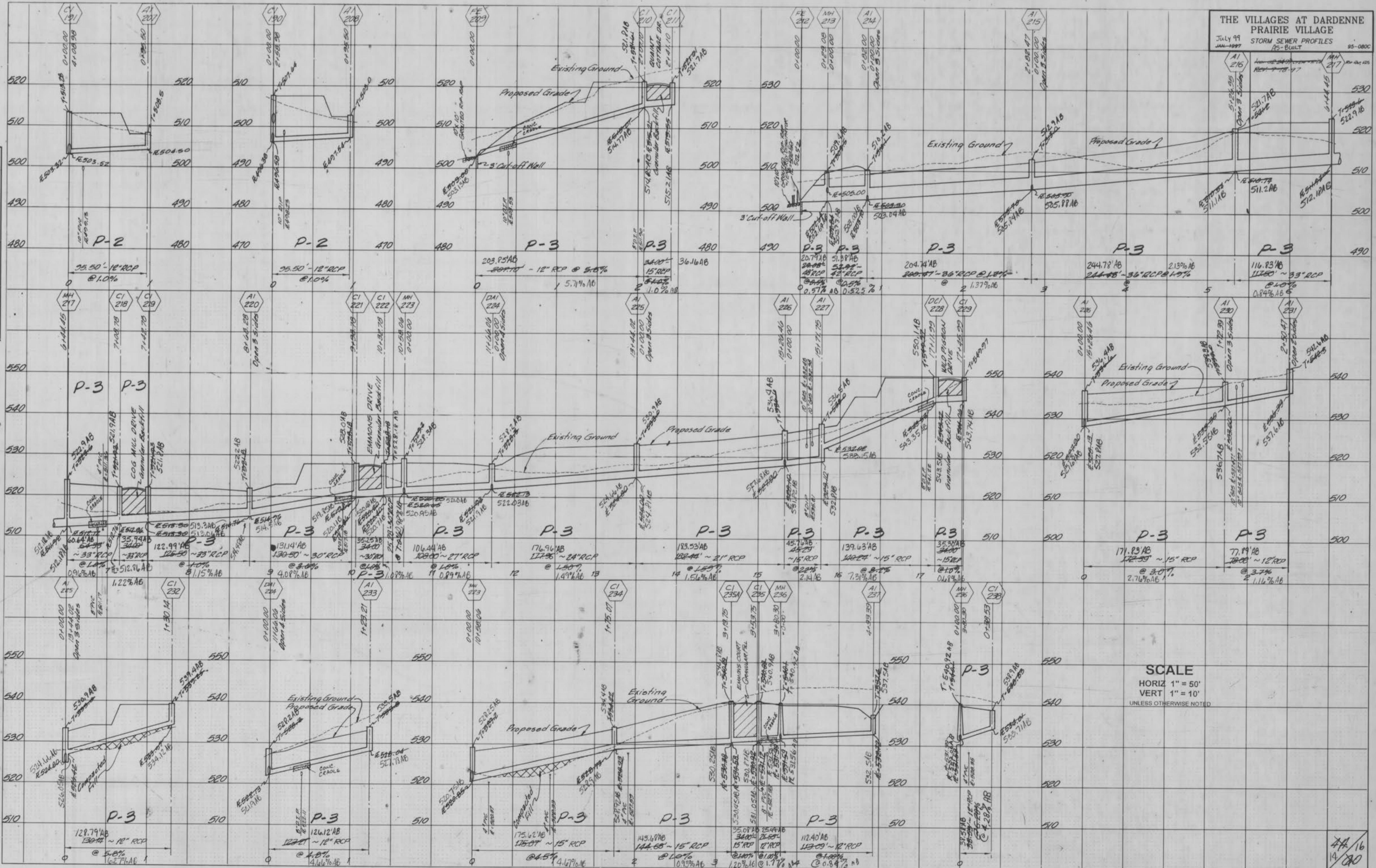
SCALE

HORIZ 1" = 50'
VERT 1" = 10'
UNLESS OTHERWISE NOTED

FINAL SURVEY COPIES
NOTE BOOK AREAS CHECKED

ORIGINAL SURVEY COPIES
NOTE BOOK AREAS CHECKED





"AS-BUILTS"

THE VILLAGES AT DARDENNE
PRAIRIE VILLAGE
July 99 STORM SEWER PROFILES
AS-BUILT 95-080C

SCALE
HORIZ 1" = 50'
VERT 1" = 10'
UNLESS OTHERWISE NOTED

RED 1-18-97

DATE BY SURVEYOR ELECTRICAL TEMPLATE AREA CHECKED

DATE BY SURVEYOR ELECTRICAL TEMPLATE AREA CHECKED

