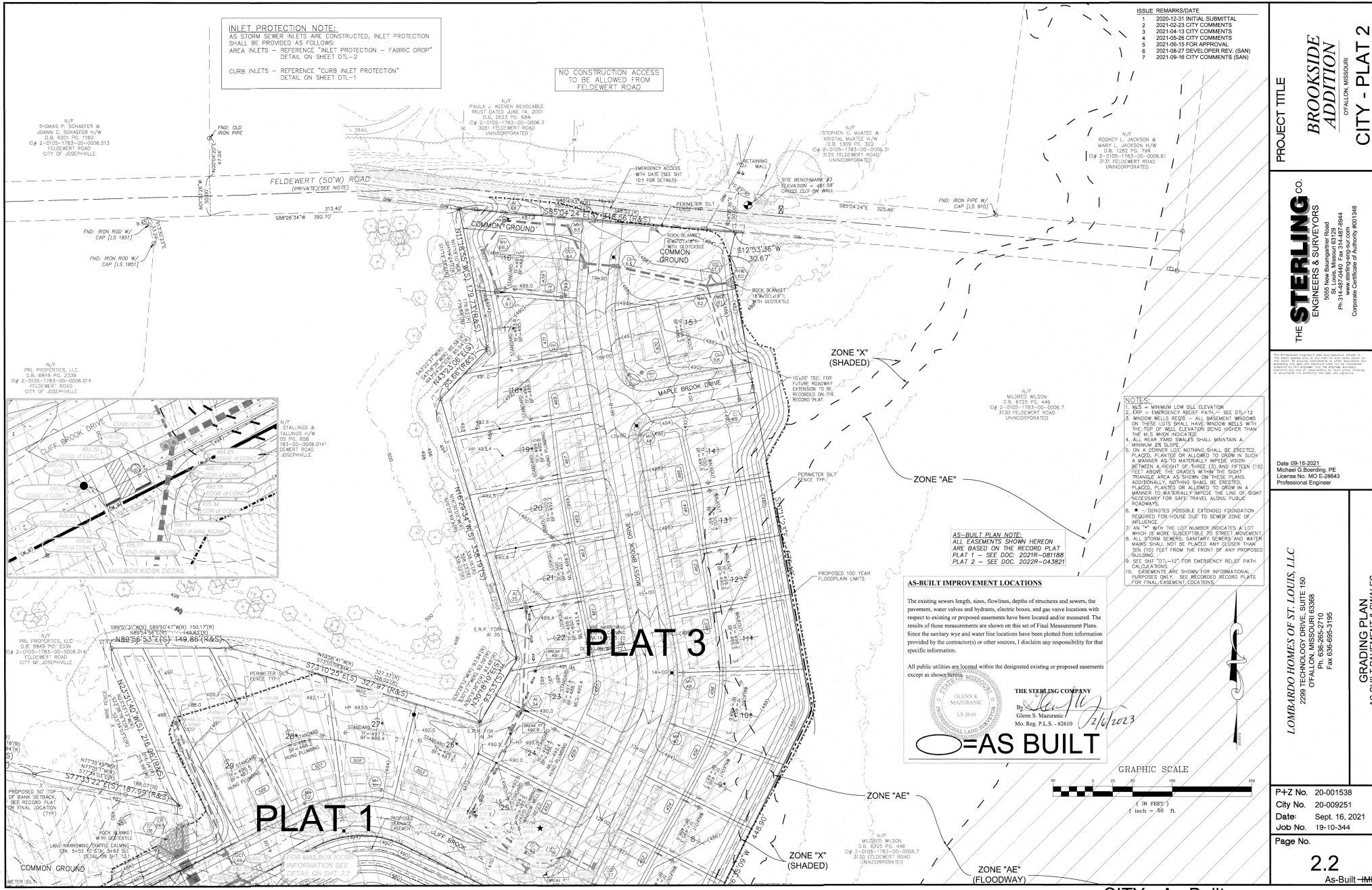




INLET PROTECTION NOTE:
AS STORM SEWER INLETS ARE CONSTRUCTED, INLET PROTECTION SHALL BE PROVIDED AS FOLLOWS:
AREA INLETS - REFERENCE "INLET PROTECTION - FABRIC DROP" DETAIL ON SHEET DTL-2
CURB INLETS - REFERENCE "CURB INLET PROTECTION" DETAIL ON SHEET DTL-1

NO CONSTRUCTION ACCESS TO BE ALLOWED FROM FELDEWERT ROAD

ISSUE	REMARKS/DATE
1	2020-12-31 INITIAL SUBMITTAL
2	2021-02-23 CITY COMMENTS
3	2021-04-13 CITY COMMENTS
4	2021-05-25 CITY COMMENTS
5	2021-06-15 FOR APPROVAL
6	2021-08-27 DEVELOPER REV. (SAN)
7	2021-09-16 CITY COMMENTS (SAN)

- NOTES:**
1. SEE - MINIMUM LOW SILL ELEVATION
 2. E.R.P. - EMERGENCY RELIEF PATH - SEE DTL-12
 3. WINDOW WELLS REQUIRED - ALL BASEMENT WINDOWS ON THESE LOTS SHALL HAVE WINDOW WELLS WITH THE TOP OF WELL ELEVATION BEING HIGHER THAN THE U.S. WHEN INDICATED
 4. ALL REAR YARD SWALES SHALL MAINTAIN A MINIMUM 2% SLOPE
 5. ON A JOINDER LOT, NOTHING SHALL BE ERECTED, PLACED, PLANTED OR ALLOWED TO GROW IN SUCH A MANNER AS TO MATERIALLY IMPERE VESID BETWEEN A HEIGHT OF THREE (3) AND FIFTEEN (15) FEET ABOVE THE BRIMGES WITHIN THE RIGHT TRIANGLE AREA AS SHOWN ON THESE PLANS. ADDITIONALLY, NOTHING SHALL BE ERECTED, PLACED, PLANTED OR ALLOWED TO GROW IN A MANNER TO MATERIALLY IMPERE THE USE OF RIGHT NECESSARY FOR SAFE TRAVEL ALONG PUBLIC ROADWAYS
 6. * - INDICATES POSSIBLE EXTENDED FOUNDATION REQUIRED FOR HOUSE DUE TO SEWER ZONE OF FLOODING
 7. AN "X" WITH THE LOT NUMBER INDICATES A LOT WHICH IS MORE SUSCEPTIBLE TO STREET MOVEMENT
 8. ALL STORM SEWERS, SANITARY SEWERS AND WATER MAINS SHALL NOT BE PLACED ANY CLOSER THAN TEN (10) FEET FROM THE FRONT OF ANY PROPOSED BUILDING
 9. SEE SHEET DTL-12 FOR EMERGENCY RELIEF PATH CALCULATIONS
 10. EASEMENTS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. SEE RECORDED RECORD PLATS FOR FINAL EASEMENT LOCATIONS

AS-BUILT PLAN NOTE:
ALL EASEMENTS SHOWN HEREON ARE BASED ON THE RECORD PLAT PLAT 1 - SEE DOC: 2021R-081188 PLAT 2 - SEE DOC: 2022R-043821

AS-BUILT IMPROVEMENT LOCATIONS

The existing sewers length, sizes, flowlines, depths of structures and sewers, the pavement, water valves and hydrants, electric boxes, and gas valve locations with respect to existing or proposed easements have been located and/or measured. The results of these measurements are shown on this set of Final Measurement Plans. Since the sanitary sewer and water line locations have been plotted from information provided by the contractor(s) or other sources, I disclaim any responsibility for that specific information.

All public utilities are located within the designated existing or proposed easements except as shown herein.



THE STERLING COMPANY
By: *[Signature]*
Glen S. Mazurkiewicz
Mo. Reg. P.L.S. - 62610

AS BUILT



PROJECT TITLE

BROOKSIDE ADDITION

CITY - PLAT 2

THE STERLING CO.
ENGINEERS & SURVEYORS
0505 New Bangor Road
St. Louis, Missouri 63129
Ph: 636-265-2710
www.sterling-eng.com
Corporate Certificate of Authority 0001348

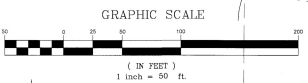
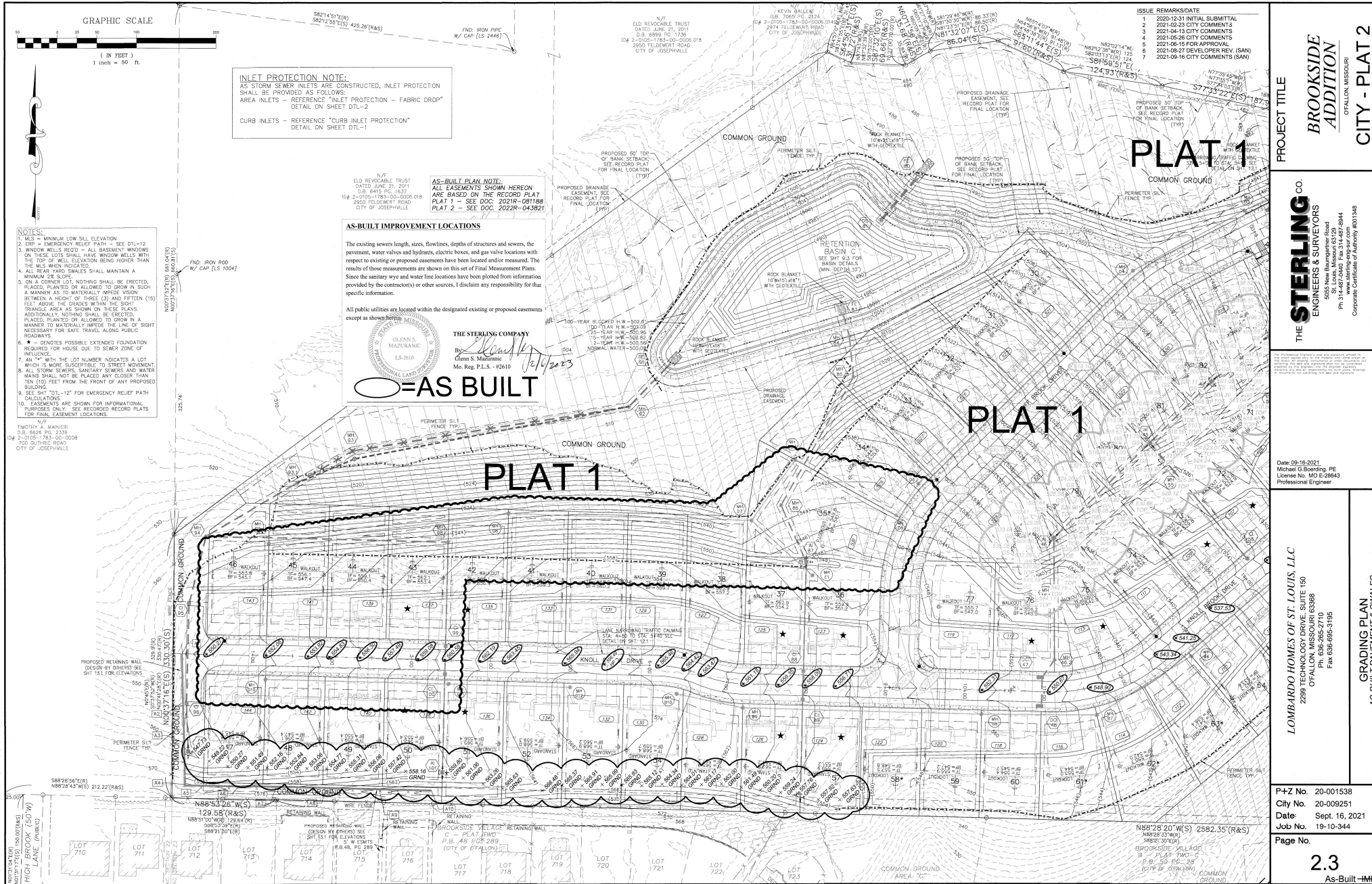
Date: 09-16-2021
Michael G. Boeding, PE
License No. MO E-28643
Professional Engineer

LOMBARDO HOMES OF ST. LOUIS, LLC
2299 TECHNOLOGY DRIVE, SUITE 150
OTTAWA, MISSOURI 63366
Ph: 636-265-2710
Fax: 636-665-3195

GRADING PLAN
AS-BUILT PAVEMENT & SWALES

P+Z No. 20-001538
City No. 20-009251
Date: Sept. 16, 2021
Job No. 19-10-344

Page No. **2.2**
As-Built-TMP



INLET PROTECTION NOTE:
AS STORM SEWER INLETS ARE CONSTRUCTED, INLET PROTECTION SHALL BE PROVIDED AS FOLLOWS:
AREA INLETS - REFERENCE "INLET PROTECTION - FABRIC DROP" DETAIL ON SHEET DTL-2
CURB INLETS - REFERENCE "CURB INLET PROTECTION" DETAIL ON SHEET DTL-1

AS-BUILT PLAN NOTE:
ALL EASEMENTS SHOWN HEREON ARE BASED ON THE RECORD PLAT PLAT 1 - SEE DOC. 2021R-08188 PLAT 2 - SEE DOC. 2022R-043821

AS-BUILT IMPROVEMENT LOCATIONS
The existing sewers, length, sizes, flowlines, depths of structures and sewers, the pavement, water valves and hydrants, electric boxes, and gas valve locations with respect to existing or proposed easements have been located and/or measured. The results of these measurements are shown on this set of Final Measurement Plans. Since the sanitary sewer and water line locations have been plotted from information provided by the contractor(s) or other sources, I disclaim any responsibility for that specific information.
All public utilities are located within the designated existing or proposed easements except as shown herein.

THE STERLING COMPANY
By: *[Signature]*
Glen S. Maurer
Mo. Reg. P.L.S. #2010

AS-BUILT

- NOTES:**
- 1. M.S. - MINIMUM LOW SILL ELEVATION
 - 2. E.P. - EMERGENCY RELIEF PATH - SEE DTL-12 WINDOW MILLS ROAD - ALL BASEMENT WINDOWS ON THESE LOTS SHALL HAVE WINDOW MILLS WITH THE TOP OF WELL ELEVATION BEING HIGHER THAN THE M.S. WHEN INDICATED.
 - 3. ALL REAR YARD SWALES SHALL MAINTAIN A MINIMUM 2% SLOPE.
 - 4. ON A CORNER LOT, NOTHING SHALL BE ERECTED, PLACED, PLANTED OR ALLOWED TO GROW IN SUCH A MANNER AS TO MATERIALLY IMPED VISION BETWEEN A HEIGHT OF THREE (3) AND FIFTY (5) FEET ABOVE THE GRADES WITHIN THE SIGHT TRIANGLE AREA AS SHOWN ON THESE PLANS. ADDITIONALLY NOTHING SHALL BE ERECTED, PLACED, PLANTED OR ALLOWED TO GROW IN A MANNER TO MATERIALLY IMPED THE LINE OF SIGHT NECESSARY FOR SAFE TRAVEL ALONG PUBLIC ROADWAYS.
 - 5. * - INDICATES POSSIBLE EXTENDED FOUNDATION REQUIRED FOR HOUSE DUE TO SEWER ZONE OF INFLUENCE.
 - 6. AN "X" WITH THE LOT NUMBER INDICATES A LOT WHICH IS MORE SUSCEPTIBLE TO STREET MOVEMENT.
 - 7. ALL STORM SEWERS, SANITARY SEWERS AND WATER MAINS SHALL NOT BE PLACED ANY CLOSER THAN TEN (10) FEET FROM THE FRONT OF ANY PROPOSED BUILDING.
 - 8. SEE SHT "DTL-12" FOR EMERGENCY RELIEF PATH CALCULATIONS.
 - 9. EASEMENTS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. SEE RECORDED RECORD PLATS FOR FINAL EASEMENT LOCATIONS.

TIMOTHY A. MAINER
S.B. 6858 PG. 2338
S-2015-1783-00-0008
SOUTHERN ROAD
CITY OF JOSEPHVILLE

PROJECT TITLE
BROOKSIDE ADDITION
CITY - PLAT 2

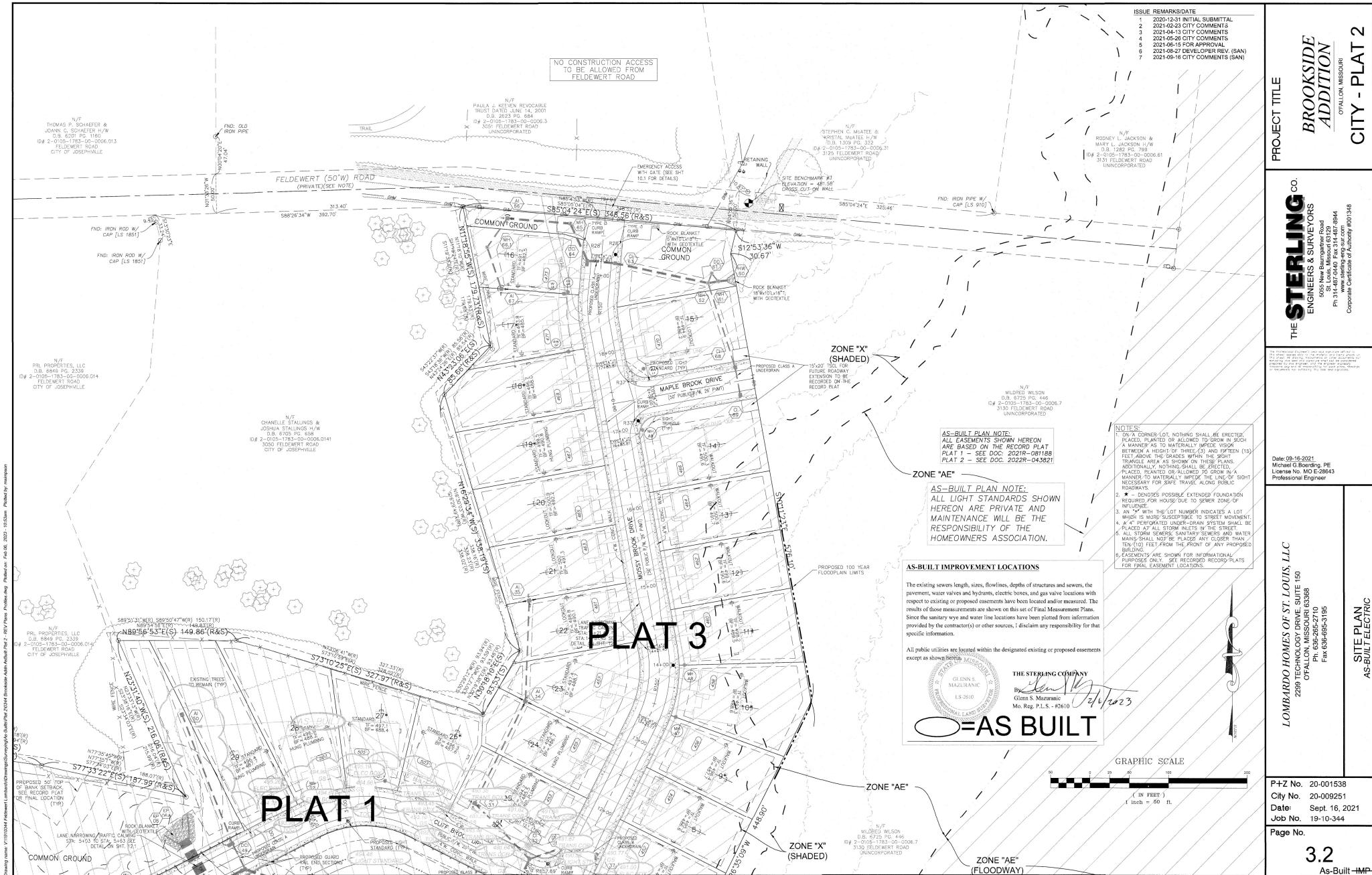
THE STERLING CO.
ENGINEERS & SURVEYORS
5055 Newburg Road
St. Louis, Missouri 63129
Ph: 314.991.8844
Fax: 314.991.8844
Corporate Certificate of Authority #001348

DATE: 09-16-2021
Michael G. Boering, PE
License No. MO E-28643
Professional Engineer

LOMBARDO HOMES OF ST. LOUIS, LLC
2299 TECHNOLOGY DRIVE, SUITE 150
OTFALLON, MISSOURI 63368
Ph: 636-265-2710
Fax: 636-695-3195

P+Z No. 20-001538
City No. 20-009251
Date: Sept. 16, 2021
Job No. 19-10-344

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As-Built - IMP.



ISSUE	REMARKS/DATE
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6	2021-08-27 DEVELOPER REV. (SAN)
7	2021-09-16 CITY COMMENTS (SAN)

PROJECT TITLE
BROOKSIDE ADDITION
CITY - PLAT 2

THE **STERLING** CO.
ENGINEERS & SURVEYORS
1008 N. 1st St.
St. Louis, Missouri 63102
Ph 314-487-0440 Fax 314-487-0944
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Date: 09-16-2021
Michael G Blanding, PE
License No. MO E-28643
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2239 TECHNOLOGY DRIVE, SUITE 150
OF FALLON, MISSOURI 63368
Ph 636-265-2710
Fax 636-695-5195

SITE PLAN
AS-BUILT/ELECTRIC

P+Z No. 20-001538
City No. 20-009251
Date: Sept. 16, 2021
Job No. 19-10-344

Page No. 3.2
As-Built-IMP

AS-BUILT PLAN NOTE:
ALL EASEMENTS SHOWN HEREON
ARE BASED ON THE RECORDED PLAT
PLAT 1 - SEE DOC. 2021R-081188
PLAT 2 - SEE DOC. 2022R-043521

ZONE "AE"
AS-BUILT PLAN NOTE:
ALL LIGHT STANDARDS SHOWN
HEREON ARE PRIVATE AND
MAINTENANCE WILL BE THE
RESPONSIBILITY OF THE
HOMEOWNERS ASSOCIATION.

AS-BUILT IMPROVEMENT LOCATIONS

The existing sewers length, sizes, flowlines, depths of structures and sewers, the pavement, water valves and hydrants, electric boxes, and gas valve locations with respect to existing or proposed easements have been located and/or measured. The results of those measurements are shown on this set of Final Measurement Plans. Since the sanitary sewer and water line locations have been plotted from information provided by the contractor(s) or other sources, I disclaim any responsibility for that specific information.

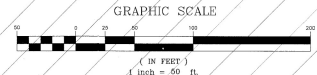
All public utilities are located within the designated existing or proposed easements except as shown herein.



THE STERLING COMPANY
By: *Glenn S. Mazurkiewicz*
Glenn S. Mazurkiewicz
Mo. Reg. P.L.S. - #2610

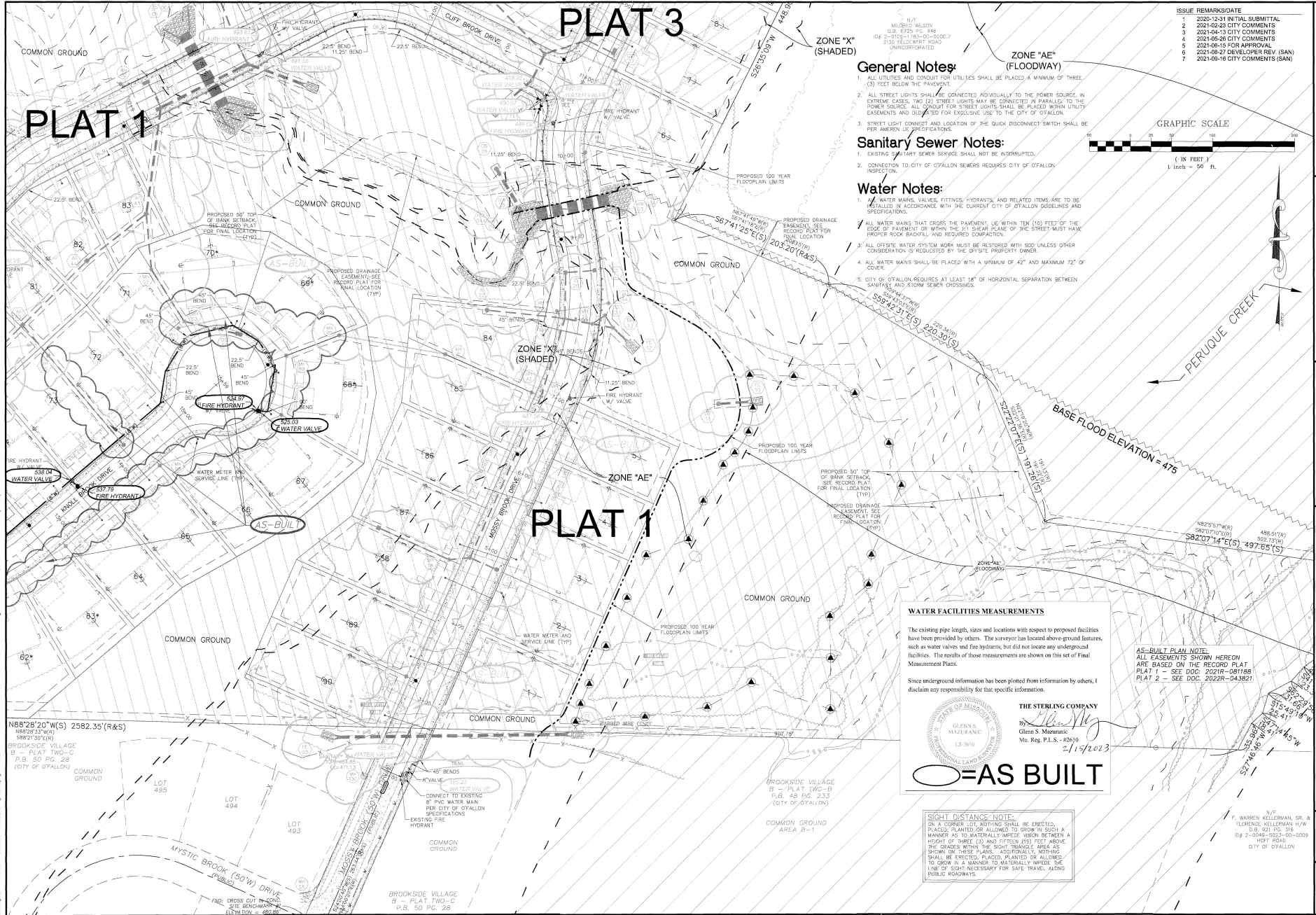
AS-BUILT

- NOTES:
- ON A CORNER LOT, NOTHING SHALL BE ERRECTED, PLACED, PLANTED OR ALLOWED TO GROW IN SUCH A MANNER AS TO MATERIALLY IMPROVE VISION BETWEEN A HEIGHT OF THREE (3) AND FIFTEEN (15) FEET ABOVE THE GRADES WITHIN THE RIGHT TRIANGLE AREA AS SHOWN ON THESE PLANS. ADDITIONALLY, NOTHING SHALL BE ERRECTED, PLACED, PLANTED OR ALLOWED TO GROW IN A MANNER TO MATERIALLY IMPROVE THE LINE OF SIGHT NECESSARY FOR SAFE TRAVEL ALONG PUBLIC ROADWAYS.
 - ★ - DENOTES POSSIBLE EXTENDED FOUNDATION REQUIRED FOR HOUSE/DUE TO SHOWER ZONE-OF-INFLUENCE.
 - AN "X" WITH THE LOT NUMBER INDICATES A LOT WHICH IS MORE SUSCEPTIBLE TO STREET MOVEMENT.
 - A "V" PERFORATED UNDER-DRAIN SYSTEM SHALL BE PLACED AT ALL STORM INLETS IN THE STREET.
 - ALL STORM SEWERS, SANITARY SEWERS AND WATER MAINS SHALL NOT BE PLACED ANY CLOSER THAN TEN (10) FEET FROM THE FRONT OF ANY PROPOSED BUILDING.
 - EASEMENTS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. SEE RECORDED RECORD PLATS FOR FINAL EASEMENT LOCATIONS.

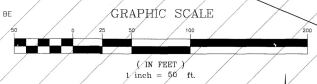


CITY - As-Built's

Drawings were created using AutoCAD software. All dimensions are in feet and inches. All dimensions are rounded to the nearest 1/8 inch. All dimensions are subject to change without notice. All dimensions are subject to change without notice. All dimensions are subject to change without notice.



ISSUE	REMARKS	DATE
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5	2021-06-15 FOR APPROVAL	
6	2021-08-27 DEVELOPER REV. (SAN)	
7	2021-09-16 CITY COMMENTS (SAN)	



PROJECT TITLE

BROOKSIDE ADDITION

CITY - PLAT 2

THE STERLING
ENGINEERS & SURVEYORS
1005 New Baumgartner Road
St. Louis, Missouri 63129
Ph: 636-265-2710
www.sterling-eng.com

Professional Engineer
Date: 09-16-2021
Michael G. Boarding, PE
License No. MO E-28643

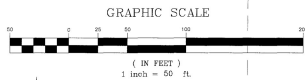
UTILITY PLAN
AS-BUILT WATER & SEWER LINES

LOMBARDO HOMES OF ST. LOUIS, LLC
2299 TECHNOLOGY DRIVE, SUITE 150
OFALLON, MISSOURI 63368
Ph: 636-265-2710
Fax: 636-495-5150

P+Z No. 20-001538
City No. 20-009251
Date: Sept. 16, 2021
Job No. 19-10-344
Page No.

4.1
As-Built - IMP

Drawn by: J. J. [Name] / Checked by: J. J. [Name] / Date: 09-16-2021 / Project: Brookside Addition / Plat 2 / City of Ofallon, Missouri



Sanitary Sewer Notes:

1. EXISTING SANITARY SEWER SERVICE SHALL NOT BE INTERRUPTED.
2. CONNECTION TO CITY OF OTTAWA SANITARY SEWERS REQUIRES CITY OF OTTAWA INSPECTION.

Water Notes:

1. ALL WATER MAINS, VALVES, FITTINGS, HYDRANTS, AND RELATED ITEMS ARE TO BE INSTALLED IN ACCORDANCE WITH THE CURRENT CITY OF OTTAWA GUIDELINES AND SPECIFICATIONS.
2. ALL WATER MAINS THAT CROSS THE PAVEMENT, IE WITHIN TEN (10) FEET OF THE EDGE OF PAVEMENT OR WITHIN THE 1:1 SLOPE PLANE OF THE STREET MUST HAVE PROPER ROCK BACKFILL AND REQUIRED COMPACTION.
3. ALL OFF-PIPE WATER SYSTEM WORK MUST BE RESTORED WITH SOD UNLESS OTHER CONSIDERATION IS REQUESTED BY THE OFFICE PROPERTY OWNER.
4. ALL WATER MAINS SHALL BE PLACED WITH A MINIMUM OF 42" AND MAXIMUM 72" OF COVER.
5. CITY OF OTTAWA REQUIRES AT LEAST 18" OF HORIZONTAL SEPARATION BETWEEN SANITARY AND STORM SEWER CROSSINGS.

General Notes:

1. ALL UTILITIES AND CONDUIT FOR UTILITIES SHALL BE PLACED A MINIMUM OF THREE (3) FEET BELOW THE PAVEMENT.
2. ALL STREET LIGHTS SHALL BE CONNECTED INDIVIDUALLY TO THE POWER SOURCE. IN EXTREME CASES, TWO (2) STREET LIGHTS MAY BE CONNECTED IN PARALLEL TO THE POWER SOURCE. ALL CONDUIT FOR STREET LIGHTS SHALL BE PLACED WITHIN UTILITY EASEMENTS AND DESIGNATED FOR EXCLUSIVE USE TO THE CITY OF OTTAWA.
3. STREET LIGHT CONNECT AND LOCATION OF THE QUICK DISCONNECT SWITCH SHALL BE PER AMERICAN U.E. SPECIFICATIONS.

AS-BUILT PLAN NOTE:
ALL EASEMENTS SHOWN HEREON ARE BASED ON THE RECORD PLAT PLAT 1 - SEE DOC. 2021R-091188 PLAT 2 - SEE DOC. 2022R-043921

WATER FACILITIES MEASUREMENTS

The existing pipe length, sizes and locations with respect to proposed facilities have been provided by others. The surveyor has located above-ground features, such as water valves and fire hydrants, but did not locate any underground facilities. The results of those measurements are shown on this set of Final Measurement Plans.

Since underground information has been obtained from information by others, I disclaim any responsibility for that specific information.

THE STERLING COMPANY

By: *[Signature]*
Glenn S. Marzanic
Mo. Reg. P.L.S. - #2610



AS-BUILT

PLAT 1

PLAT 1

PLAT 1

PROJECT TITLE
BROOKSIDE ADDITION
CITY - PLAT 2

THE **STERLING** CO.
ENGINEERS & SURVEYORS
5005 New Braunspalter Road
St. Louis, Missouri 63129
Ph: 636-465-5166
www.sterling-eng.com
Corporate Certificate of Authority #001348

Date: 09-16-2021
Michael G. Borsinger, PE
License No. MO E-28643
Professional Engineer

LOMBARDO HOMES OF ST. LOUIS, LLC
2259 TECHNOLOGY DRIVE, SUITE 150
OTTAWA, MISSOURI 63368
Ph: 636-265-2710
Fax: 636-465-5166

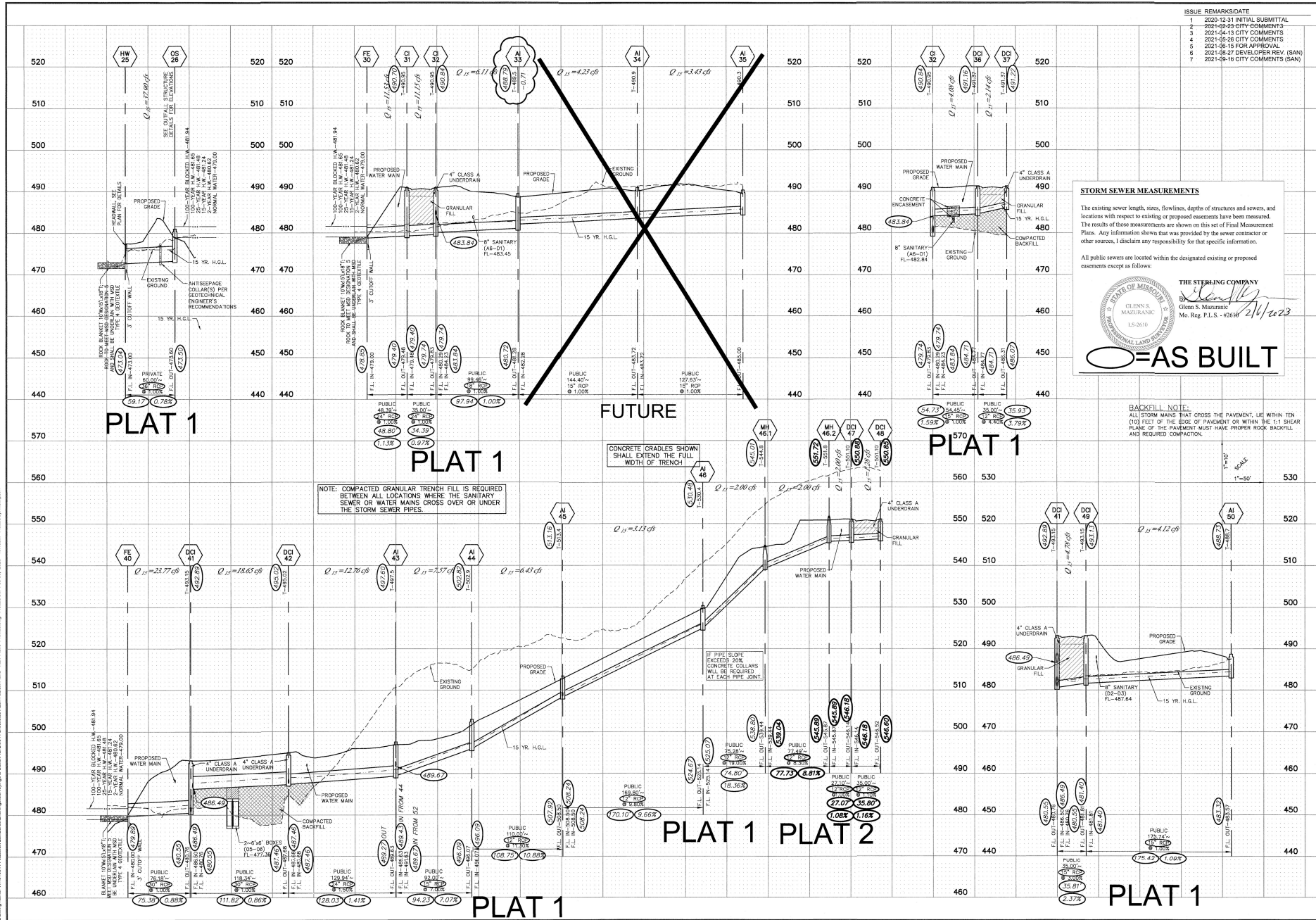
P+Z No. 20-001538
City No. 20-009251
Date: Sept. 16, 2021
Job No. 19-10-344
Page No.

4.3
As-Built - IMP

CITY - As-Built

PRELIMINARY PLAT Approved Date: September 3, 2020

Drawings were prepared by L&S Engineering, Inc. under the supervision of Michael G. Boering, P.E., License No. MO-26543. The drawings were prepared by L&S Engineering, Inc. under the supervision of Michael G. Boering, P.E., License No. MO-26543.



ISSUE	REMARKS	DATE
1	2020-12-31 INITIAL SUBMITTAL	
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4	2021-05-26 CITY COMMENTS	
5	2021-06-15 FOR APPROVAL	
6	2021-08-27 DEVELOPER REV. (SAN)	
7	2021-09-16 CITY COMMENTS (SAN)	

STORM SEWER MEASUREMENTS

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

All public sewers are located within the designated existing or proposed easements except as follows:



THE STERLING COMPANY
Glenn S. Mazurkiewicz
Mo. Reg. P.L.S. - #2160
2/1/2023

AS BUILT

BACKFILL NOTE:
ALL STORM MAINS THAT CROSS THE PAVEMENT, USE WITHIN TEN (10) FEET OF THE EDGE OF PAVEMENT OR WITHIN THE 1:1 SHEAR PLANE OF THE PAVEMENT MUST HAVE PROPER ROCK BACKFILL AND REQUIRED COMPACTION.

1"=10'
1"=50'

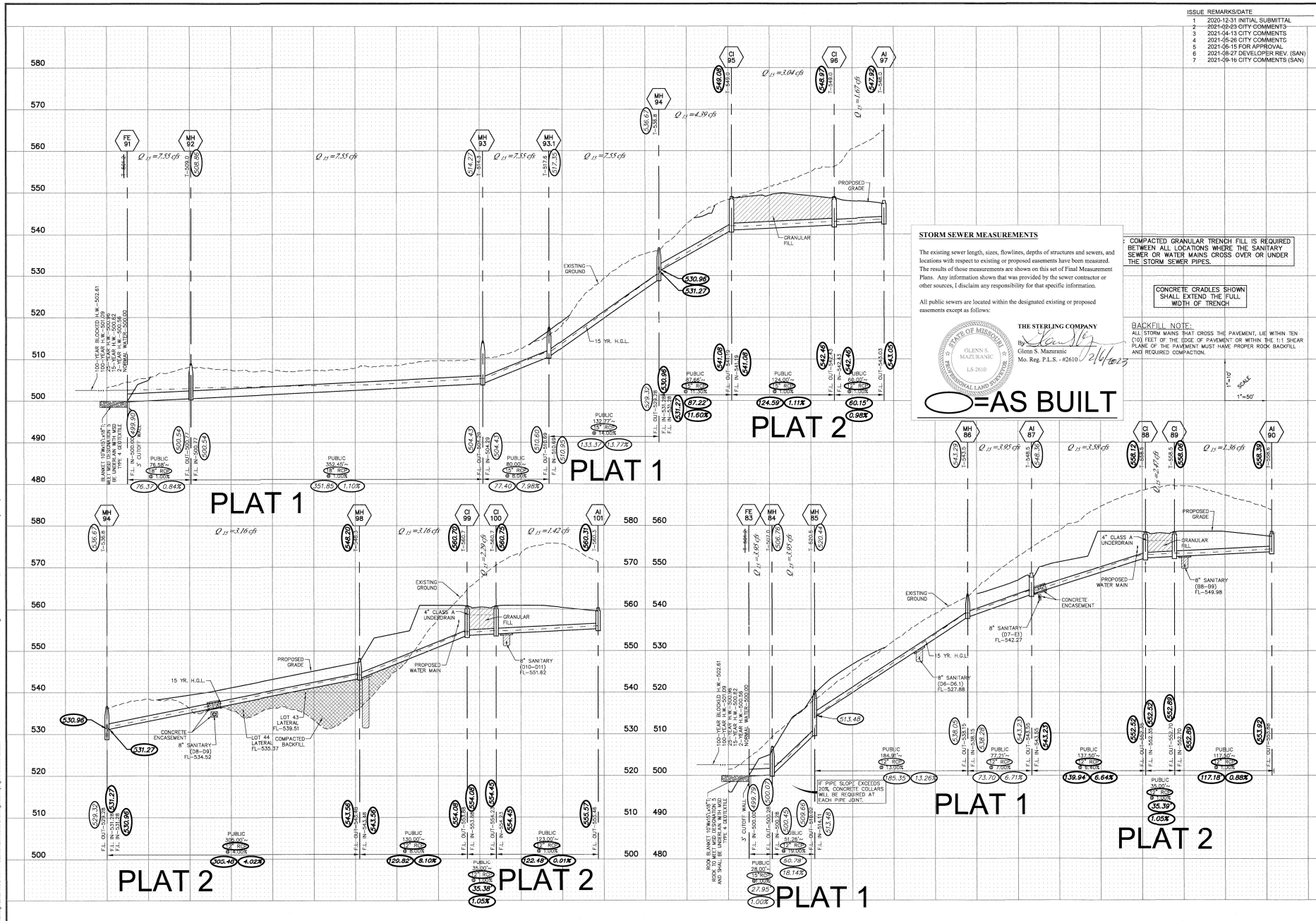
PROJECT TITLE BROOKSIDE ADDITION CITY - PLAT 2	
THE STERLING COMPANY ENGINEERS & SURVEYORS 1005 N. 1st St. St. Louis, Missouri 63102 Ph: 314-487-0440 Fax: 314-487-0444 Corporate Certificate of Authority #001348	
Date: 09-16-2021 Michael G. Boering, P.E. License No. MO-26543 Professional Engineer	
LOMBARDO HOMES OF ST. LOUIS, LLC 2299 TECHNOLOGY DRIVE, SUITE 150 OTFALLON, MISSOURI 63368 Ph: 636-265-2710 Fax: 636-695-5195	
P+Z No. 20-001538 City No. 20-009251 Date: Sept. 16, 2021 Job No. 19-10-344	STORM PROFILES
Page No. 7.2 As-Built-IMP	

7.3
As-Built - IMF

STORM PROFILES

7.3 As-Built -IMF

CITY - As-Builts *PRELIMINARY PLAT* Approval Date: September 3, 2021



STORM SEWER MEASUREMENTS

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

All public sewers are located within the designated existing or proposed easements except as follows:



THE STERLING COMPANY
Glenn S. Maczanic
Mo. Reg. P.L.S. - #2610

COMPACTED GRANULAR TRENCH FILL IS REQUIRED BETWEEN ALL LOCATIONS WHERE THE SANITARY SEWER OR WATER MAINS CROSS OVER OR UNDER THE STORM SEWER PIPES.

CONCRETE CRADLES SHOWN SHALL EXTEND THE FULL WIDTH OF TRENCH

BACKFILL NOTE:
ALL STORM MAINS THAT CROSS THE PAVEMENT, LIE WITHIN TEN (10) FEET OF THE EDGE OF PAVEMENT OR WITHIN THE 1:1 SHEAR PLANE OF THE PAVEMENT MUST HAVE PROPER ROCK BACKFILL AND REQUIRED COMPACTION.

AS BUILT

PROJECT TITLE
BROOKSIDE ADDITION
CITY - PLAT 2

THE **STERLING** CO.
ENGINEERS & SURVEYORS
1001 N. 1st St.
St. Louis, Missouri 63102
Ph: 314-487-0440 Fax: 314-487-0944
Corporate Certificate of Authority 0001348

Date: 09-16-2021
Michael G. Boarding, PE
License No. MO E-28643
Professional Engineer

LOMBARDO HOMES OF ST. LOUIS, LLC
2299 TECHNOLOGY DRIVE, SUITE 150
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P+Z No. 20-001538
City No. 20-009251
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7.4
As-Built - IMP

CITY - As-Built's PRELIMINARY PLAT Approved Date: September 3, 2020