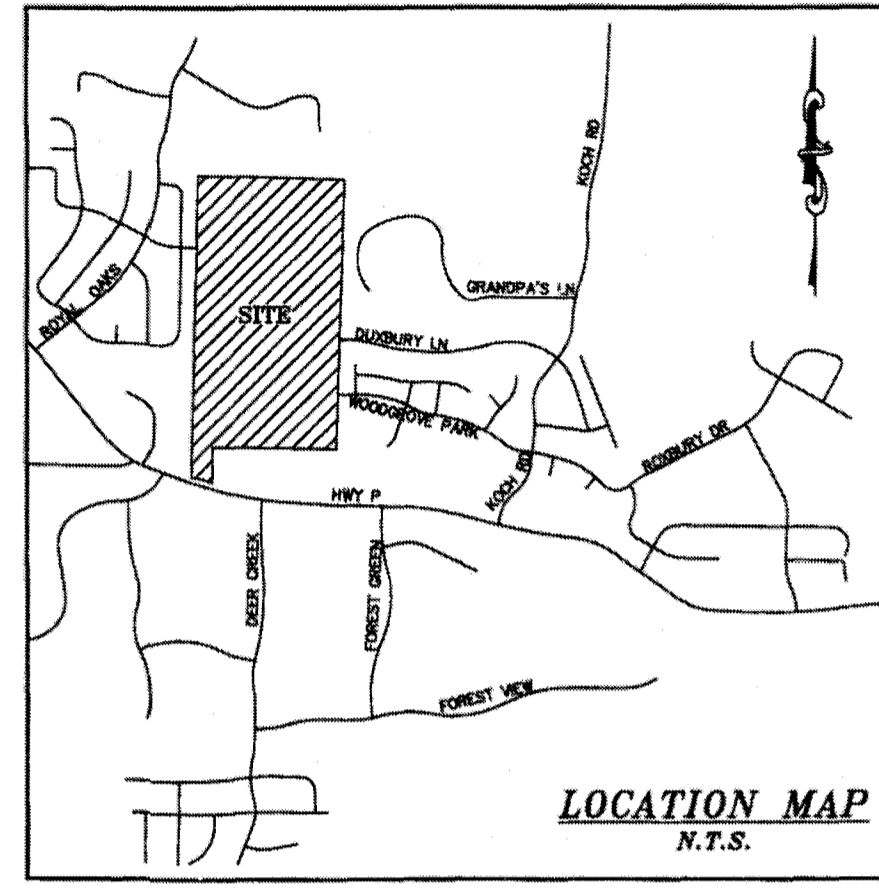
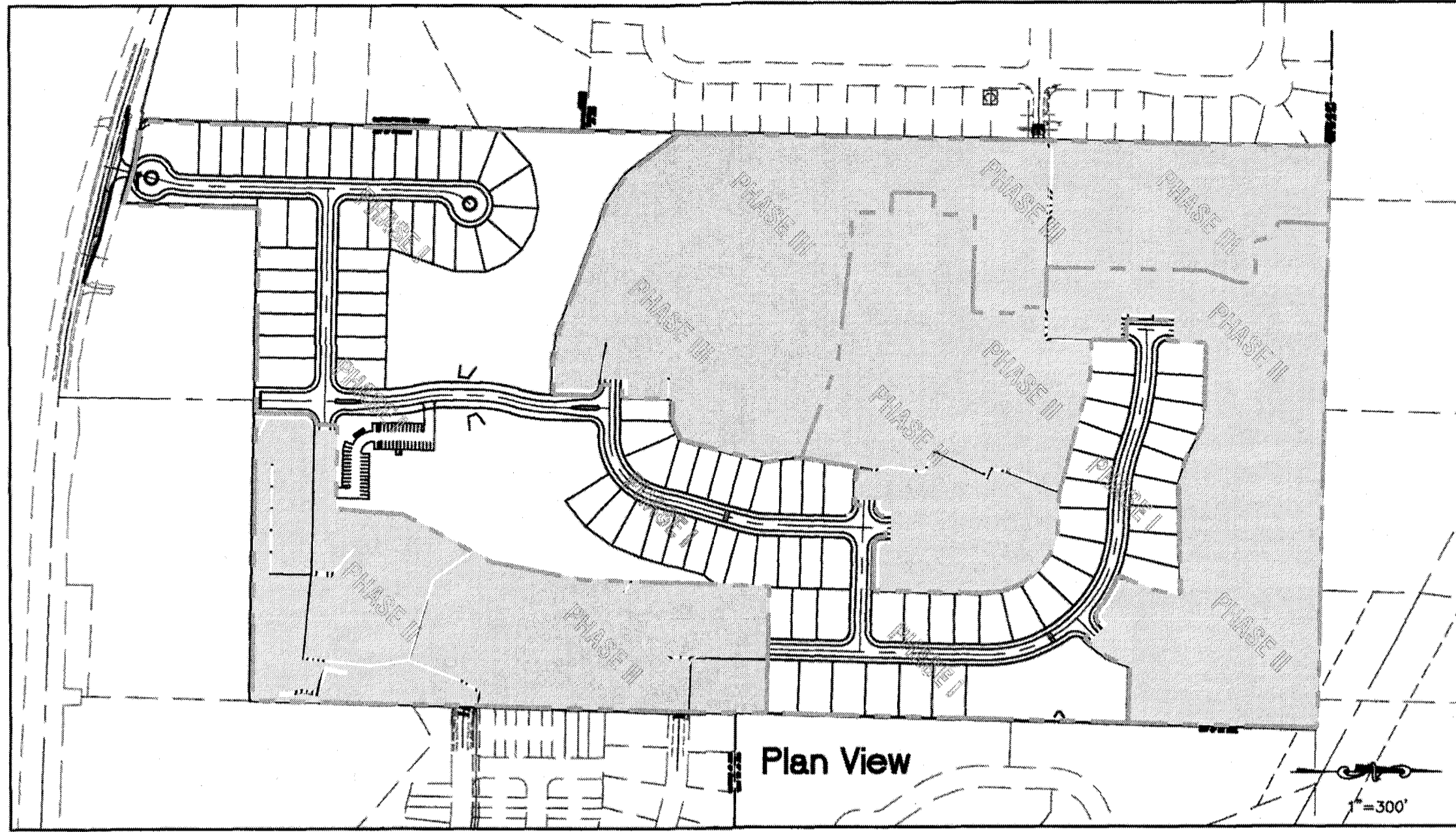


# AS-BUILTS FOR PHASE 1

# A SET OF CONSTRUCTION PLANS FOR COBBLESTONE CROSSING =AS BUILT

A TRACT OF LAND BEING PART OF THE EAST HALF OF SECTION 18, TOWNSHIP 47 NORTH, RANGE 3 EAST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF O'FALLON, ST. CHARLES COUNTY, MISSOURI

ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL



## Legal Description

A TRACT OF LAND IN THE EAST HALF OF SECTION 18, TOWNSHIP 47 NORTH, RANGE 3 EAST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF O'FALLON, ST. CHARLES COUNTY, MISSOURI AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A CONCRETE MONUMENT FOUND FOR CENTER OF ABOVE SAID SECTION 18; THENCE ALONG THE NORTH-SOUTH CENTERLINE OF SAID SECTION 18, SAID CENTERLINE ALSO BEING THE EAST LINE OF A TRACT OF LAND CONVEYED TO TIMOTHY AND CHRISTINE SCHULTE, HUSBAND AND WIFE, BY DOCUMENT RECORDED IN DEED BOOK 4819 PAGE 223 OF THE ST. CHARLES COUNTY, MISSOURI RECORDS, THE EAST LINE OF ROYAL OAK PLAT ONE ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 12 PAGE 4 OF SAID RECORDS, THE EAST LINE OF THE MEADOWS AT ROYAL OAKS ADDITION ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 33 PAGE 335 OF SAID RECORDS, AND THE EAST LINE OF ROYAL OAKS ADDITION PLAT 4-A ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 32 PAGE 7 OF SAID RECORDS, NORTH 01°21'43" EAST, 2733.50 FEET TO AN OLD STONE FOUND FOR THE NORTH QUARTER CORNER OF SAID SECTION 18; THENCE LEAVING SAID CENTERLINE AND ALONG THE NORTH LINE OF SAID SECTION 18, SAID LINE ALSO BEING THE SOUTH LINE OF ST. PAUL ESTATE, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 20 PAGE 108 OF SAID RECORDS AND THE SOUTH LINE OF THE RESUBDIVISION OF LOTS 4 & 5 OF ST. PAUL ESTATE, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 29 PAGE 105 OF SAID RECORDS, SOUTH 88°31'23" EAST, 1318.84 FEET TO THE SOUTHEAST CORNER OF LOT 5 OF SAID RESUBDIVISION, SAID CORNER ALSO BEING THE SOUTHWEST CORNER OF A TRACT OF LAND CONVEYED TO LEONARD AND MARIE SCHULTE, HUSBAND AND WIFE, BY DOCUMENT RECORDED IN DEED BOOK 1339 PAGE 1072 OF SAID RECORDS; THENCE CONTINUING ALONG SAID NORTH LINE OF SECTION 18, SAID LINE ALSO BEING THE SOUTH LINE OF SAID SCHULTE TRACT, SOUTH 88°44'28" EAST, 89.72 FEET TO A POINT BEING THE NORTHWEST CORNER OF LOT 5 OF ST. PAUL PLACE, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 32 PAGE 286 OF SAID RECORDS; THENCE LEAVING SAID NORTH LINE OF SECTION 18 AND ALONG THE WEST LINE OF SAID ST. PAUL PLACE AND ITS PROLONGATION, BEING THE WEST LINE OF HIGHLAND GREEN PLAT FIVE, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 43 PAGE 174 OF SAID RECORDS, AND THE WEST LINE OF HIGHLAND GREEN PLAT EIGHT, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 45 PAGE 145 OF SAID RECORDS, SOUTH 01°41'17" WEST, 2011.69 FEET TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF WOODGROVE PARK DRIVE (50 FEET WIDE); THENCE LEAVING LAST SAID WEST LINE AND CONTINUING ALONG SAID WEST LINE OF HIGHLAND GREEN PLAT FIVE, SOUTH 01°19'52" WEST, 151.71 FEET TO THE SOUTHWEST CORNER OF COMMON GROUND 'A' OF SAID HIGHLAND GREEN PLAT FIVE; SAID CORNER ALSO BEING THE NORTHWEST CORNER OF A TRACT OF LAND CONVEYED TO BELINDA KELLERMAN LIVING TRUST BY DOCUMENT RECORDED IN DEED BOOK 6521 PAGE 1283 OF SAID RECORDS; THENCE LEAVING SAID WEST LINE OF HIGHLAND GREEN PLAT FIVE AND ALONG THE WEST LINE OF SAID KELLERMAN TRACT, SOUTH 01°41'07" WEST, 391.00 FEET TO A POINT BEING THE NORTHEAST CORNER OF A TRACT OF LAND CONVEYED TO RUSSELL AND MARY MAURER, HUSBAND AND WIFE, BY DOCUMENT RECORDED IN DEED BOOK 4430 PAGE 709 OF SAID RECORDS; THENCE LEAVING LAST SAID WEST LINE AND ALONG THE NORTH LINE OF SAID MAURER TRACT, NORTH 88°58'29" WEST, 1172.88 FEET; THENCE LEAVING LAST SAID NORTH LINE, SOUTH 01°23'16" WEST, 326.51 FEET TO A POINT ON THE NORTH LINE OF STATE HIGHWAY P (MIDWAY BETWEEN SAID NORTH LINE OF STATE HIGHWAY P AND THE CENTERLINE OF SAID STATE HIGHWAY P); THENCE ALONG SAID NORTH LINE OF STATE HIGHWAY P THE FOLLOWING COURSES AND DISTANCES: NORTH 73°05'41" WEST, 93.40 FEET; AND NORTH 78°03'08" WEST, 111.87 FEET TO A POINT ON SAID NORTH-SOUTH CENTERLINE OF SECTION 18, SAID POINT BEING 52.1 FEET PERPENDICULAR DISTANCE NORTHEAST OF SAID CENTERLINE OF STATE HIGHWAY P; THENCE ALONG SAID NORTH LINE OF STATE HIGHWAY P AND ALONG SAID NORTH-SOUTH CENTERLINE OF SECTION 18, NORTH 01°21'51" EAST, 113.64 FEET TO THE POINT OF BEGINNING AND CONTAINS 3,959,656 SQUARE FEET, OR 92.544 ACRES, MORE OR LESS, ACCORDING TO CALCULATIONS PERFORMED BY THE STERLING COMPANY DURING THE MONTH OF OCTOBER, 2016.

## Utility Contacts

Sanitary Sewer  
City of O'Fallon  
100 N. Main St.  
O'Fallon, MO. 63366  
Contact: 636-281-2858

Dunklett-Greek-Sanitary-District  
3550 Highway-K  
O'Fallon, MO-63368  
636-441-1244

Water  
City of O'Fallon  
100 N. Main St.  
O'Fallon, MO. 63366  
Contact: 636-281-2858

Missouri-American-Water-Co.  
727 Craig Rd.  
St-Louis, MO-63144  
1-866-430-0820

Public-Water-Supply-District-No.-2  
40-Box-967  
O'Fallon, MO-63366  
636-561-3337-Ext-131

Storm Sewer  
City of O'Fallon  
100 N. Main St.  
O'Fallon, MO. 63366  
636-281-2858

Curve-River-Electric-Co.  
P.O. Box 160  
Troy, MO-63378-0160  
1-800-392-3709

Ameren UE  
200 Callahan Road  
Wentzville, MO. 63385  
636-639-8312

Gas  
Laclede Gas Company  
6400 Graham Road  
St. Louis, MO. 63134  
314-522-2297

Telephone  
Centurylink  
1151 Century Tel Dr.  
Wentzville, MO. 63385  
636-332-7261

Fire Department  
O'Fallon Fire Protection District  
119 E. Elm St.  
O'Fallon, MO. 63366  
636-272-3493

Wentzville Fire District  
209 West Pearce Blvd.  
Wentzville, MO-63385

Cottleville Fire Protection District  
4386 Motherhead Rd.  
St-Charles-MO-63304  
636-447-6656

## Drawing Index

- 1.1 COVER SHEET
- 1.2 RESIDENTIAL NOTES
- 2.1-2.7 SWPPP (NOT PART OF SUBMITTAL)
- 3.1-3.3 GRADING PLAN
- 4.1-4.3 SITE PLAN
- 5.1-5.3 UTILITY PLAN
- 6.1-6.6 STREET PROFILES
- 7.1-7.7 SANITARY SEWER PROFILES
- 8.1-8.10 STORM SEWER PROFILES
- 9.1-9.4 DRAINAGE AREA MAP
- 10.1-10.12 DETENTION/WATER QUALITY DETAILS
- 11.1 HYDRAULIC CALCULATIONS
- 12.1-12.7 ENTRANCE DETAILS/WARPINGS
- 13.1 TRAFFIC CONTROL PLAN
- 14.1-14.4 SITE SECTIONS
- 15.1 RETAINING/HEADWALL DETAILS
- RW-1 RETAINING WALL PLAN (BY OTHER)
- 15.2 HEADWALL DETAILS
- S1.1-S1.2 HEADWALL PLAN (BY OTHER)
- 16.1 LANDSCAPE PLAN
- DTL1-DTL2 EROSION CONTROL DETAILS
- DTL3 STORM SEWER DETAILS
- DTL4 SANITARY SEWER DETAILS
- DTL5-DTL6 WATER MAIN DETAILS
- DTL7-DTL8 PAVEMENT DETAILS
- DTL9 MISCELLANEOUS DETAILS

## Benchmarks

**PROJECT BENCHMARK:**  
GRS STATION F-149 USC&GS; ELEVATION=542.80' (NAVD88)  
"BRASS VERTICAL MARK DISK" STAMPED "F 149 1935" SET IN A 6 INCH SQUARE CONCRETE MONUMENT, PROJECTING ABOUT 2.5 INCHES ABOVE THE GROUND SURFACE, LOCATED IN THE NORTHEAST ANGLE OF A RAILROAD CROSSING AT NORTH MAIN STREET, SOUTH OF THE ENTRANCE TO THE CITY OF O'FALLON MUNICIPAL CENTRE. IT IS 46.5 FEET NORTH OF THE CENTER OF THE TRACKS; 2.4 FEET EAST OF A GUY POLE; 9.3 FEET EAST OF THE EAST EDGE OF SIDEWALK AND 5.7 FEET SOUTHWEST OF A PLASTIC BURIED CABLE MARKER AND PEDESTAL.

**SITE BENCHMARK #1: ELEVATION = 537.52' (NAVD 88)**  
"CROSS" SET IN CONCRETE PAVEMENT AT THE INTERSECTION OF THE CENTER OF FAWN OAKS DRIVE AND THE CENTER OF CRESTWOOD LANE, LOCATED 38 FEET SOUTHWEST OF A LIGHT STANDARD, 40 FEET NORTHEAST OF A UTILITY VAULT, AND 63 FEET SOUTHWEST OF A MANHOLE IN DOUBLE CURB INLET ON THE EAST SIDE OF FAWN OAKS DRIVE. (SHOWN HEREON ON SHEET 4 OF 4)

**SITE BENCHMARK #2: ELEVATION = 525.10' (NAVD 88)**  
"CROSS" SET AT NORTH EDGE OF CONCRETE STREET IN FRONT OF 1148 DUXBURY LANE, LOCATED 8 FEET SOUTH OF SOUTHWEST CORNER OF CONCRETE SIDEWALK, 43 FEET NORTH OF A SEWER MANHOLE AND 104 FEET EAST OF NORTHEAST CORNER OF PAVEMENT FOR DUXBURY LANE. (SHOWN HEREON ON SHEET 3 OF 4)

## Zoning and Density Notes

GROSS PROPOSED RESIDENTIAL AREA OF SITE: 82.54 ACRES  
PROPOSED RIGHT-OF-WAY WITHIN RESIDENTIAL: 14.80 ACRES = 17.93%  
NET PROPOSED RESIDENTIAL AREA: 67.74 ACRES = 82.07%

CURRENT ZONING: R-1 - SINGLE FAMILY RESIDENTIAL  
PROPOSED ZONING: R-1 - P.U.D., SINGLE FAMILY RESIDENTIAL  
CURRENT OWNER: HIGHWAY P INVESTMENTS LLC,  
5911 W. RIVERSIDE DR.,  
FORT MEYERS, FL. 33919

80' LOTS = 31  
60' LOTS = 77  
52' LOTS = 176  
TOTAL = 284

DEWELLING UNITS PROPOSED:  
284 UNITS/(82.54-14.80) AC. = 4.19 UNITS/ACRE

PARKING:  
RESIDENTIAL SPACES REQUIRED: (2.0 SPACES/UNIT)(284 UNITS)= 568 SPACES

RESIDENTIAL SPACES PROVIDED: 568 SPACES  
POOL AREA SPACES PROVIDED: 50 SPACES  
TOTAL SPACES PROVIDED: 618 SPACES

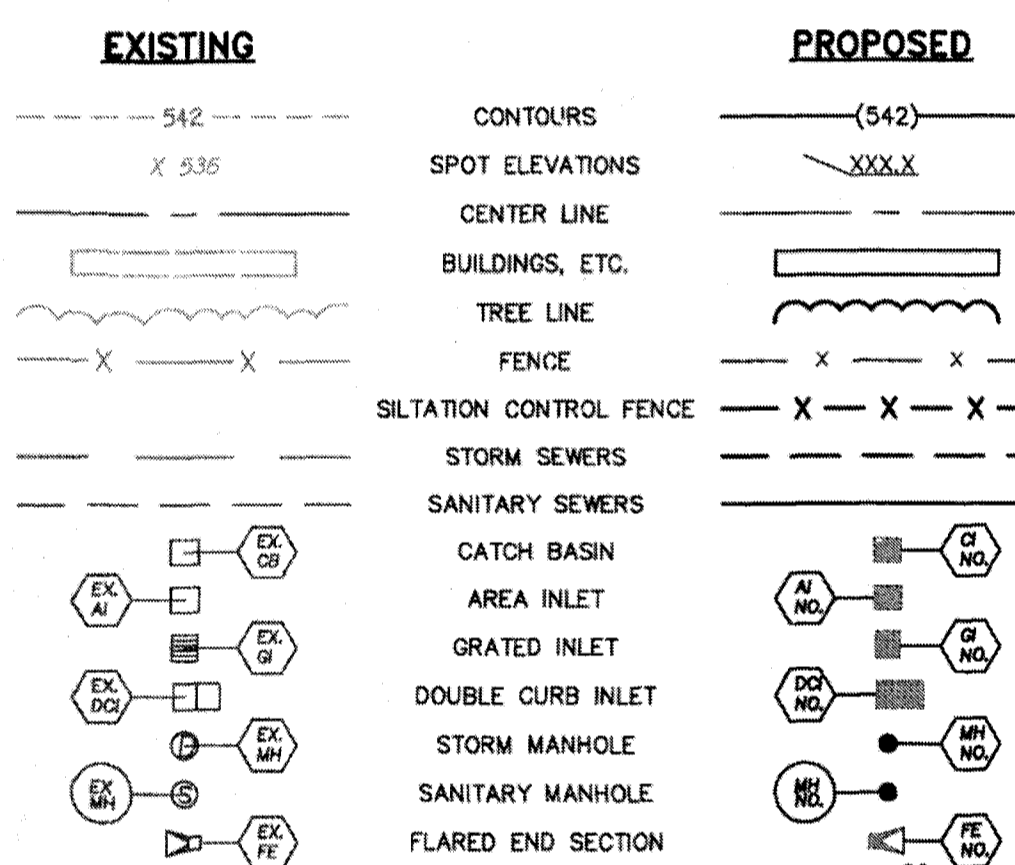
POOL AREA PARKING CALCULATIONS:  
(1.0 SPACES/10 DEWELLING UNITS)  
SPACES REQUIRED: 29 SPACES  
BIKE RACK SPACES PROVIDED: 4 RACK SPACES  
BIKE RACK SPACES PROVIDED: 4 RACK SPACES

COMMON GROUND:  
RIGHT-OF-WAY: 14.53 ACRES  
14.80 ACRES

## Deviations From R-1 Zoning District

	R-1 REGULATIONS	PROPOSED
MIN. LOT SIZE	10,000 S.F.	6,200 S.F.
MIN. LOT WIDTH	80 FT.	52 FT.
REAR YARD	25 FT.	20 FT.
LOT COVERAGE	35%	50%

## Legend



## 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 wye 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]* 5-10-18  
Jaime A. Henson  
Mo. Reg. P.L.S. - #2007017963

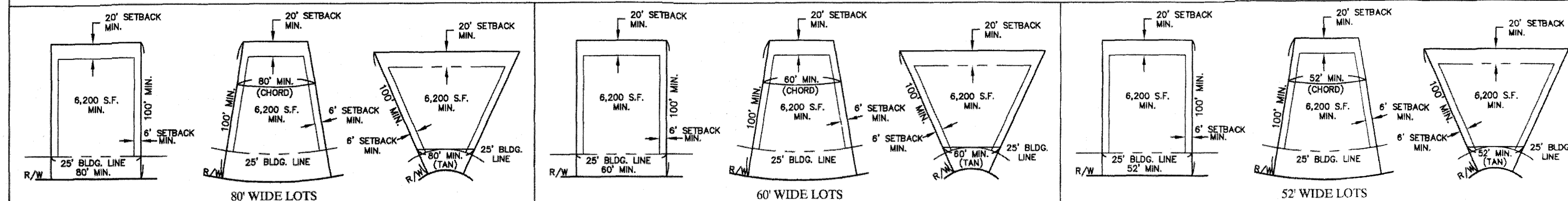
**=AS BUILT**

## Project Data

- TOTAL SITE AREA: 82.54 ACRES
- TOTAL DISTURBED: 75.0 ACRES
- FLOOD NOTE:  
FEMA MAP PANEL: PER FLOOD INSURANCE RATE MAP PANEL NUMBER 9183C0230G DATED JANUARY 20, 2016. THIS SITE IS ZONED X, DESCRIBED AS AREAS OUTSIDE THE 500-YEAR FLOODPLAIN.
- TREE PRESERVATION CALCS:  
EXISTING TREES = 16.2 ACRES  
TREES REMOVED = 10.8 ACRES  
TREES SAVED = 5.4 ACRES (33.3%)  
TREES REQUIRED TO BE SAVED = 3.3 ACRES (20.0%)
- NO PLANTING MITIGATION IS REQUIRED.  
COMPLIED WITH CHAPTER 402, SECTION 402.040
- ESTIMATED SANITARY SEWER FLOW = 105,080 GALLONS/DAY

## TYPICAL LOT DETAILS NTS

NOTE: ALL LOTS SHALL HAVE A MINIMUM DEPTH OF 100' AND A MINIMUM 5' SIDE, 10' FRONT AND 7.5' REAR EASEMENTS (10' REAR EASEMENT ALONG BOUNDARY PERIMETER AND COMMON GROUND AREAS)



\* City of O'Fallon Construction work hours per City Ordinance 3429 as shown in section 500.420 of the Municipal Code of the City of O'Fallon are as follows:

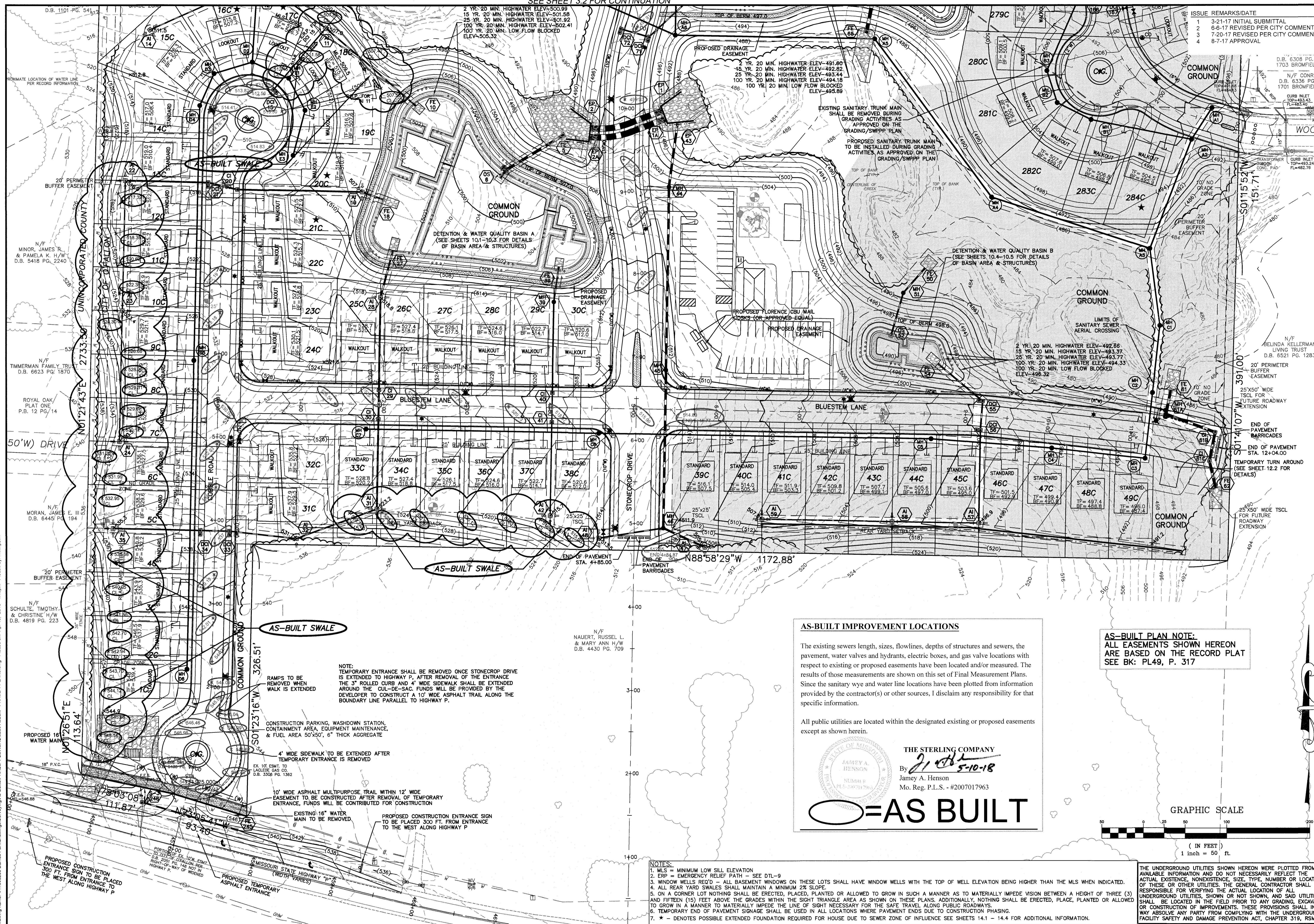
October 1 through May 31  
7:00 A.M. To 7:00 P.M. Monday Through Sunday  
June 1 Through September 30  
6:00 A.M. To 8:00 P.M. Monday Through Friday  
7:00 A.M. to 8:00 P.M. Saturday and Sunday

CITY OF O'FALLON COMMUNITY DEVELOPMENT DEPARTMENT ACCEPTED FOR CONSTRUCTION BY: *[Signature]*  
DATE: AUGUST 1, 2017  
ENGINEER'S SEAL INDICATES RESPONSIBILITY FOR DESIGN  
**AS-BUILT APPROVED**  
**MAY 21, 2018**

P+Z No. 29-16.01  
City No.  
Date: Aug. 7, 2017  
Job No. 16-08-239  
Page No.

1.1

SEE SHEET 3.2 FOR CONTINUATION



ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
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4	8-7-17 APPROVAL

**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**

OTALLON, MISSOURI

**THE STERLING CO.**  
**ENGINEERS & SURVEYORS**

5055 New Baumgartner Road  
 St. Louis, Missouri 63129  
 Ph 314-487-0440 Fax 314-487-8644  
 www.sterling-eng-sur.com  
 Corporate Certificate of Authority #001348

Date: 8/7/2017  
 Michael G. Boering  
 License No. MO E-28643  
 Civil Engineer

**McBRIDE HYLAND GREEN, LLC**  
 16091 SWINGFIELD RIDGE ROAD, SUITE 300  
 CHESTERFIELD, MISSOURI 63017  
 Ph 636-537-2000  
 Fax 636-537-2546  
 www.mcbridehomes.com

**GRADING PLAN**

**AS-BUILT IMPROVEMENT LOCATIONS**

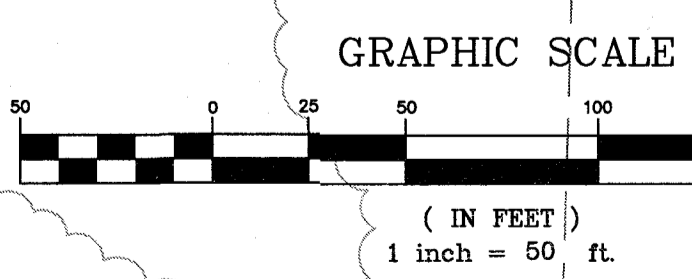
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**THE STERLING COMPANY**  
 By *J. Henson* 5-10-18  
 Jamey A. Henson  
 Mo. Reg. P.L.S. - #2007017963

**AS-BUILT**

**AS-BUILT PLAN NOTE:**  
 ALL EASEMENTS SHOWN HEREON  
 ARE BASED ON THE RECORD PLAT  
 SEE BK: PL49, P. 317



- NOTES:**
1. M.L.S. = MINIMUM LOW SILL ELEVATION
  2. ERP = EMERGENCY RELIEF PATH - SEE DTL-9
  3. WINDOW WELLS REQ'D - ALL BASEMENT WINDOWS ON THESE LOTS SHALL HAVE WINDOW WELLS WITH THE TOP OF WELL ELEVATION BEING HIGHER THAN THE M.L.S. WHEN INDICATED.
  4. ALL REAR YARD SWALES SHALL MAINTAIN A MINIMUM 2% SLOPE.
  5. ON A CORNER LOT NOTHING SHALL BE ERRECTED, PLACED, PLANTED OR ALLOWED TO GROW IN SUCH A MANNER AS TO MATERIALLY IMPEDE VISION BETWEEN A HEIGHT OF THREE (3) AND FIFTEEN (15) FEET ABOVE THE GRADES WITHIN THE SIGHT TRIANGLE AREA AS SHOWN ON THESE PLANS. ADDITIONALLY, NOTHING SHALL BE ERRECTED, PLACED, PLANTED OR ALLOWED TO GROW IN A MANNER TO MATERIALLY IMPEDE THE LINE OF SIGHT NECESSARY FOR THE SAFE TRAVEL ALONG PUBLIC ROADWAYS.
  6. TEMPORARY END OF PAVEMENT SIGNAGE SHALL BE USED IN ALL LOCATIONS WHERE PAVEMENT ENDS DUE TO CONSTRUCTION PHASING.
  7. \* - DENOTES POSSIBLE EXTENDED FOUNDATION REQUIRED FOR HOUSE DUE TO SEWER ZONE OF INFLUENCE SEE SHEETS 14.1 - 14.4 FOR ADDITIONAL INFORMATION.

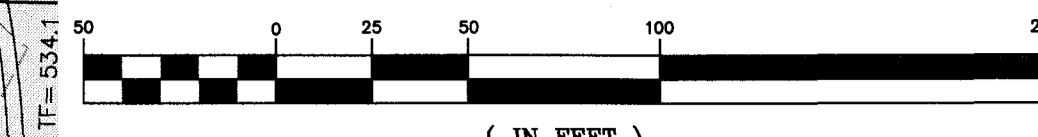
THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMo

P-Z No. 29-16.01  
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 Page No. **3.1**  
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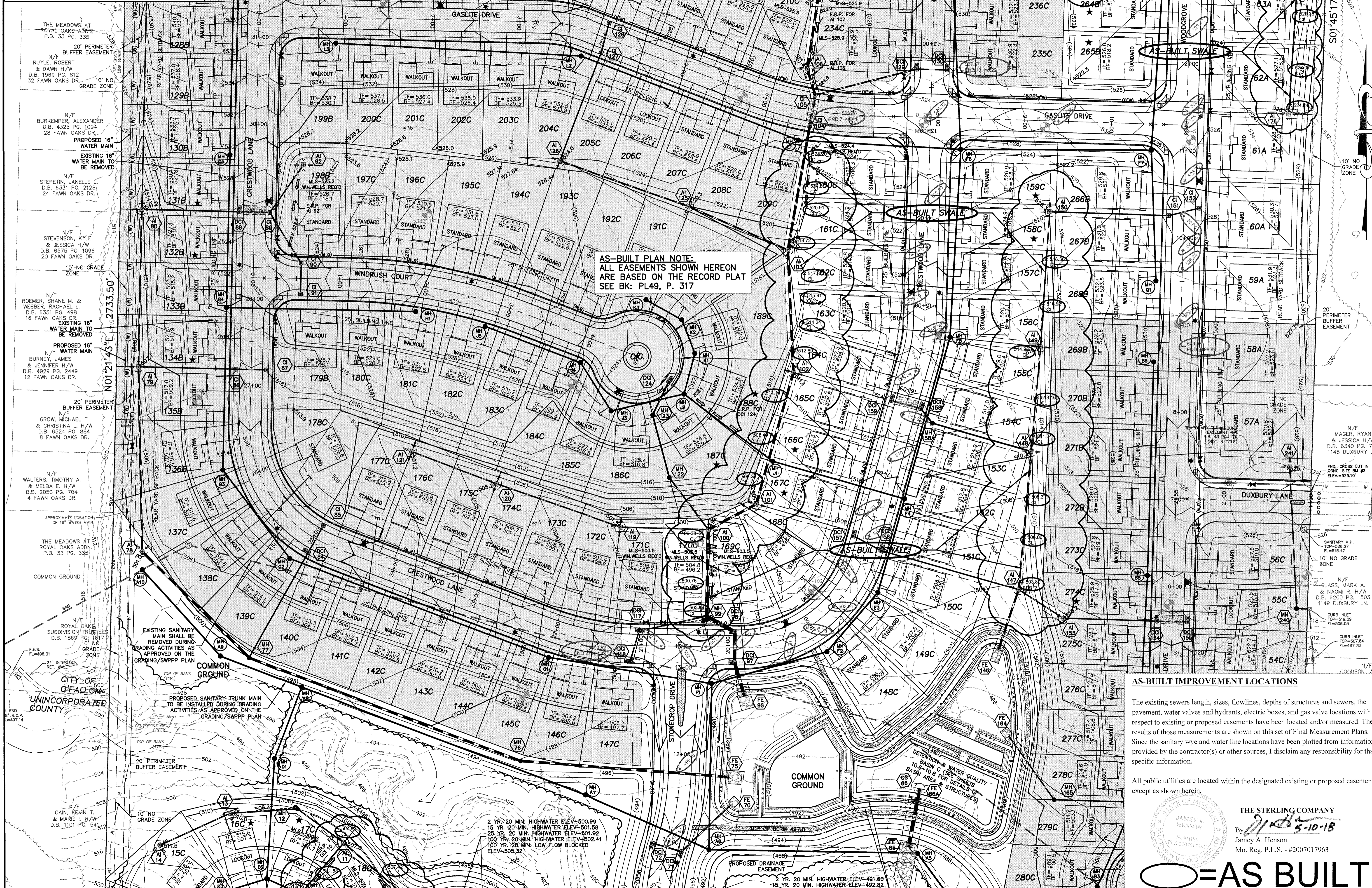
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GRAPHIC SCALE



ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
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AS-BUILT PLAN NOTE:  
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SEE BK: PL49, P. 317

AS-BUILT IMPROVEMENT LOCATIONS

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THE STERLING COMPANY  
By *Jamey A. Henson* 5-10-18  
Jamey A. Henson  
Mo. Reg. P.L.S. - #200701963

**AS BUILT**

PROJECT TITLE  
**PHASE 1  
COBBLESTONE  
CROSSING**  
OF FALLON, MISSOURI

THE **STERLING** CO.  
ENGINEERS & SURVEYORS  
5055 New Baumgardner Road  
St. Louis, Missouri 63129  
Ph. 314-467-0440 Fax 314-467-8944  
www.sterling-eng-survey.com  
Corporate Certificate of Authority #001348

Date: 8/7/2017  
Michael G. Boering  
License No. MO E-28643  
Civil Engineer

**McBRIDE HYLAND GREEN, LLC**  
16091 SWINGLEY RIDGE ROAD, SUITE 300  
CHESTERFIELD, MISSOURI 63017  
Ph. 636-537-2000  
Fax 636-537-2546  
www.mcbriدهomes.com

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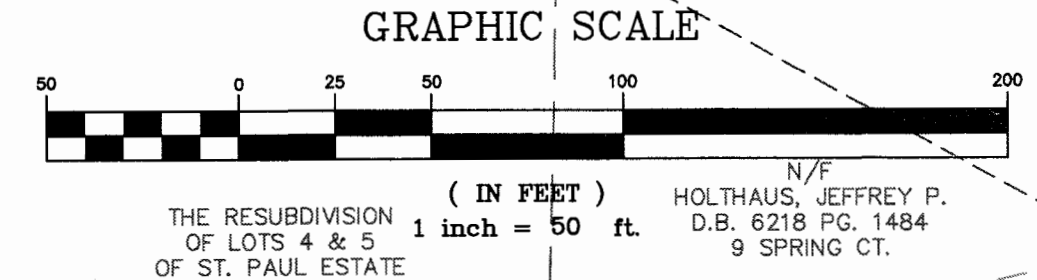
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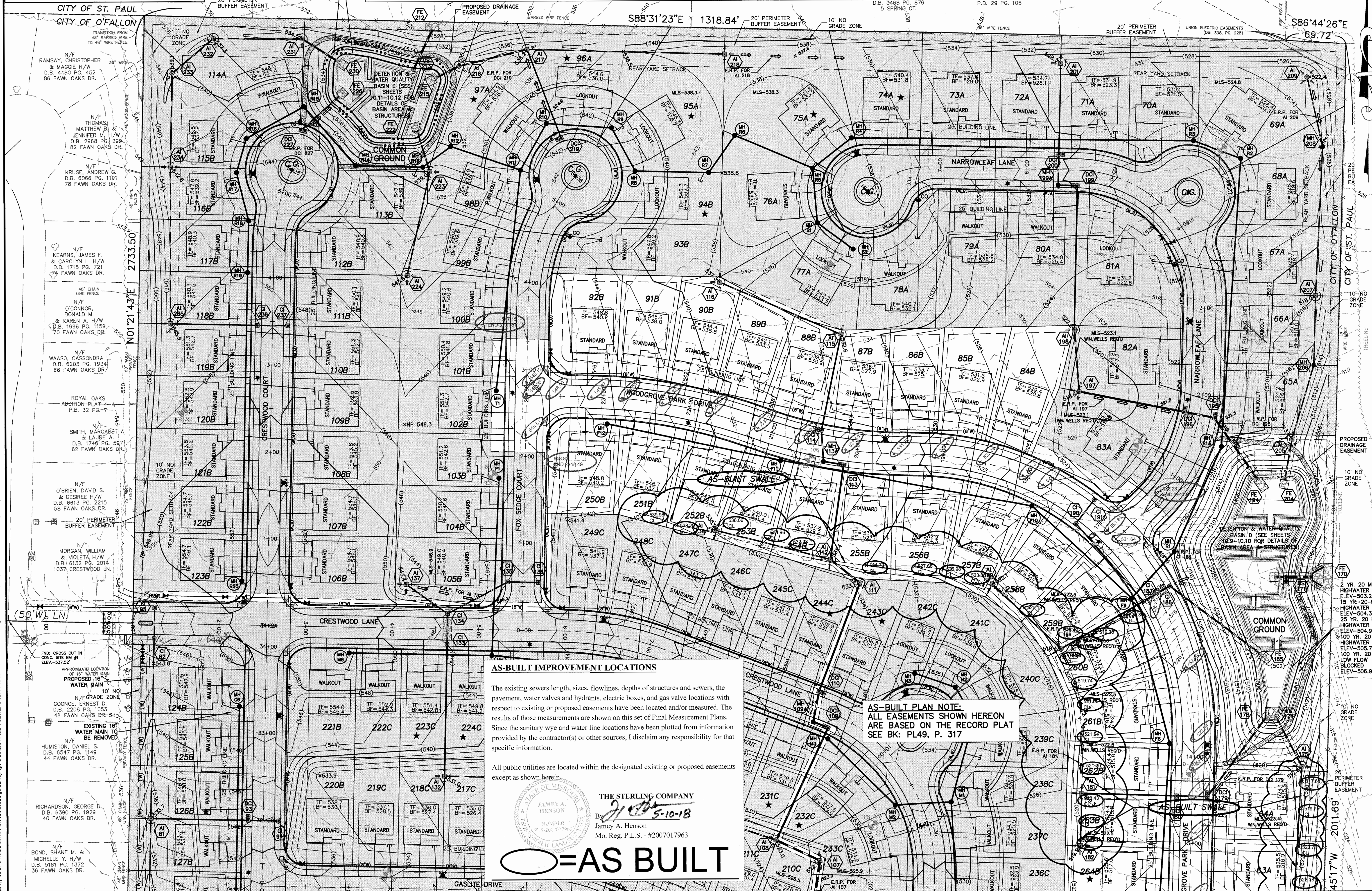
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2 YR. 20 MIN. HIGHWATER ELEV.-530.20  
 15 YR. 20 MIN. HIGHWATER ELEV.-530.99  
 25 YR. 20 MIN. HIGHWATER ELEV.-531.38  
 100 YR. 20 MIN. HIGHWATER ELEV.-531.94  
 100 YR. 20 MIN. LOW FLOW BLOCKED ELEV.-532.82

NOTES:  
 1. MSL = MINIMUM LOW SILL ELEVATION  
 2. ERP = EMERGENCY RELIEF PATH - SEE DTL-9  
 3. WINDOW WELLS REQ'D - ALL BASEMENT WINDOWS ON THESE LOTS SHALL HAVE WINDOW WELLS WITH THE TOP OF WELL ELEVATION BEING HIGHER THAN THE MSL AS INDICATED.  
 4. ALL REAR YARD SWALES SHALL MAINTAIN A MINIMUM 2% SLOPE.  
 5. ON A CORNER LOT NOTHING SHALL BE ERECTED, PLACED, PLANTED OR ALLOWED TO GROW IN SUCH A MANNER AS TO MATERIALLY IMPEDE VISION BETWEEN A HEIGHT OF THREE (3) AND FIFTEEN (15) 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 IMPEDE THE LINE OF SIGHT NECESSARY FOR THE SAFE TRAVEL ALONG PUBLIC ROADWAYS.  
 6. TEMPORARY END OF PAVEMENT STORAGE SHALL BE USED IN ALL LOCATIONS WHERE PAVEMENT ENDS DUE TO CONSTRUCTION PHASING.  
 7. \* - DENOTES POSSIBLE EXTENDED FOUNDATION REQUIRED FOR HOUSE DUE TO SEWER ZONE OF INFLUENCE SEE SHEETS 14.1 - 14.4 FOR ADDITIONAL INFORMATION.



ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL



**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 wye 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: *J. A. Henson* 5-10-18  
 James A. Henson  
 Mo. Reg. P.L.S. - #2007017963

**AS-BUILT**

**AS-BUILT PLAN NOTE:**  
 ALL EASEMENTS SHOWN HEREON ARE BASED ON THE RECORD PLAT SEE BK: PL49, P. 317

SEE SHEET 3.2 FOR CONTINUATION

PROJECT TITLE  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
 OF FALLON, MISSOURI

THE **STERLING** CO.  
 ENGINEERS & SURVEYORS  
 5055 New Baumgartner Road  
 St. Louis, Missouri 63129  
 Ph 314-487-0440 Fax 314-487-8844  
 www.sterling-eng.com  
 Corporate Certificate of Authority #001348

Date: 8/7/2017  
 Michael G. Boarding  
 License No. MO E-26643  
 Civil Engineer

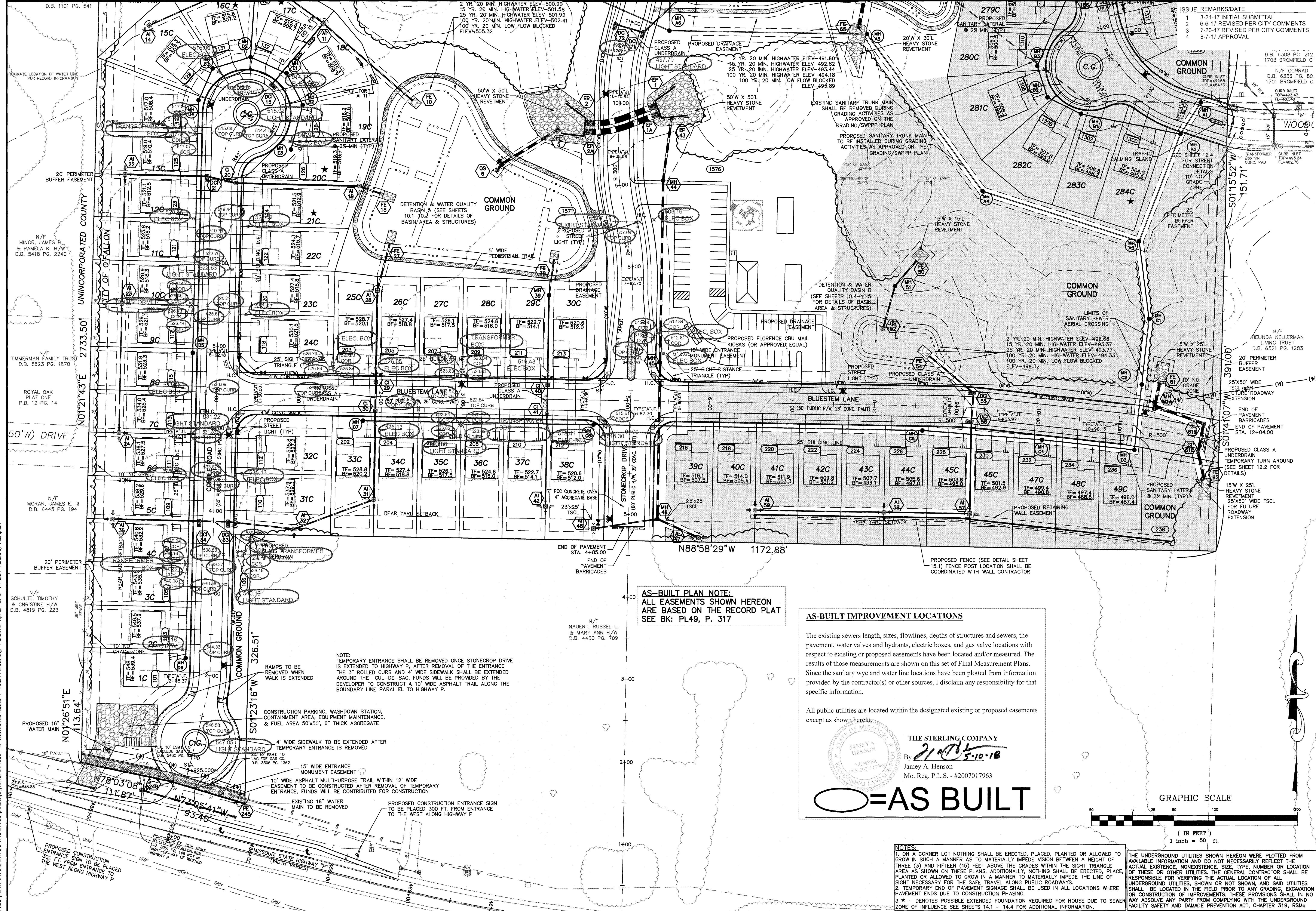
McBRIDE HYLAND GREEN, LLC  
 16091 SWINGLEY RIDGE ROAD, SUITE 300  
 CHESTERFIELD, MISSOURI 63017  
 Ph. 636-537-2000  
 Fax 636-537-2546  
 www.mcbridehomes.com

P+Z No. 29-16.01  
 City No.  
 Date: Aug. 7, 2017  
 Job No. 16-08-239  
 Page No. **3.3**  
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FINAL PLAN Approval Date: January 26, 2017

SEE SHEET 4.2 FOR CONTINUATION



ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**

OFFALLON, MISSOURI

**THE STERLING CO.**  
**ENGINEERS & SURVEYORS**

5055 New Baumgartner Road  
 St. Louis, Missouri 63129  
 Ph 314-487-0440 Fax 314-487-8944  
 www.sterling-eng-survey.com  
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Date: 8/7/2017  
 Michael G. Boarding  
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 Civil Engineer

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**P+Z No.** 29-16.01  
**City No.**  
**Date:** Aug. 7, 2017  
**Job No.** 16-08-239

**Page No.**  
**4.1**

**AS-BUILT PLAN NOTE:**  
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 ARE BASED ON THE RECORD PLAT  
 SEE BK: PL49, P. 317

**AS-BUILT IMPROVEMENT LOCATIONS**

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THE STERLING COMPANY  
 By *J.A. Henson*  
 Jamey A. Henson  
 Mo. Reg. P.L.S. - #2007017963

**○ = AS BUILT**

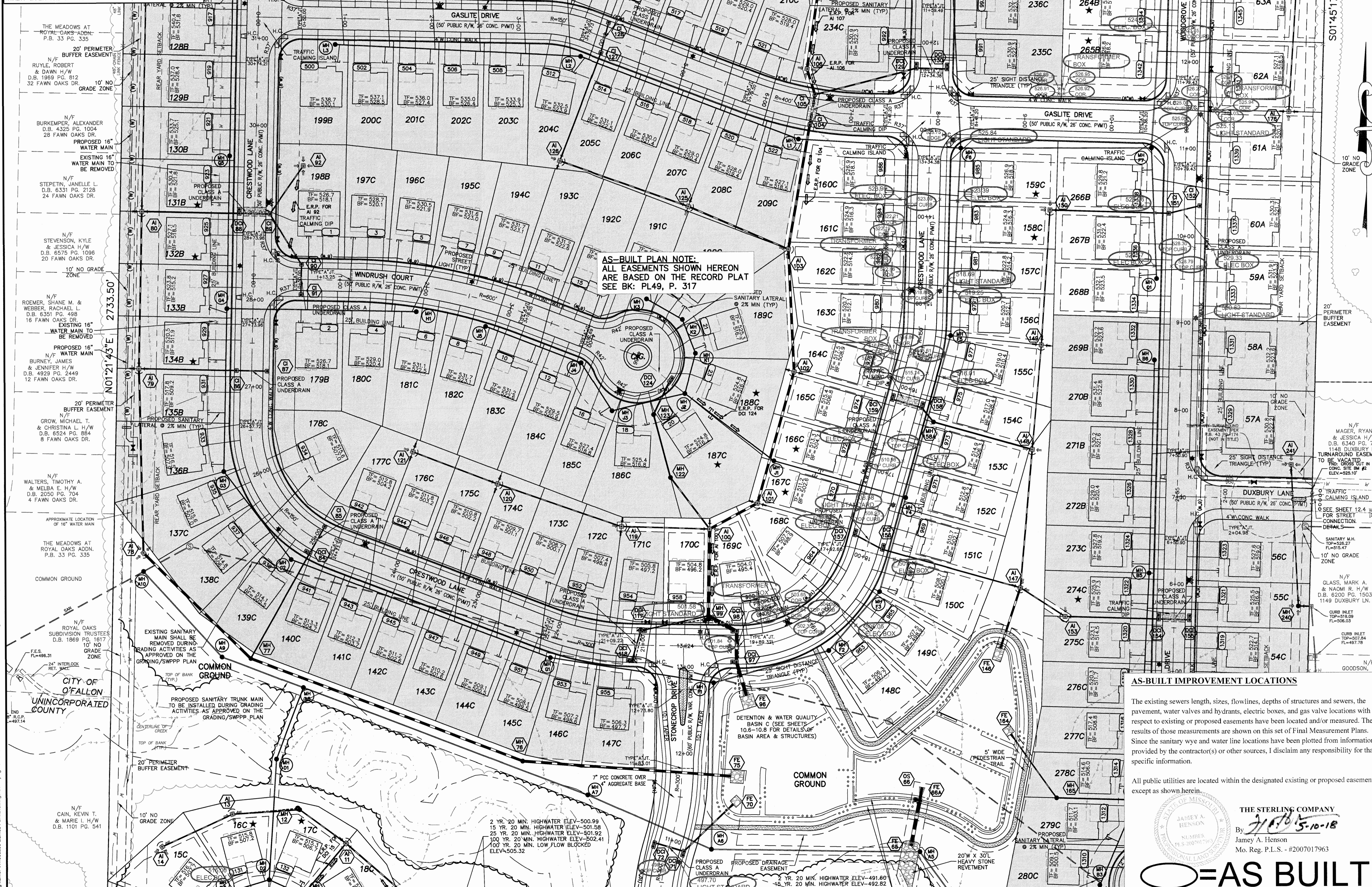
GRAPHIC SCALE  
 1 inch = 50 ft.

**NOTES:**  
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 3. \* - DENOTES POSSIBLE EXTENDED FOUNDATION REQUIRED FOR HOUSE DUE TO SEWER ZONE OF INFLUENCE SEE SHEETS 14.1 - 14.4 FOR ADDITIONAL INFORMATION.

ISSUE	REMARKS/DATE
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3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

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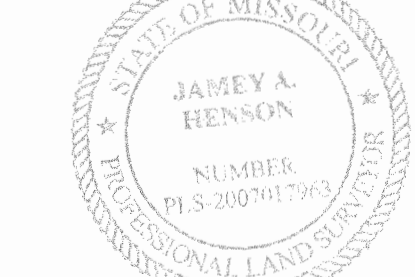


AS-BUILT PLAN NOTE:  
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THE STERLING COMPANY  
 By: *JAH* 5-10-18  
 James A. Henson  
 Mo. Reg. P.L.S. - #20071963

**AS-BUILT**

PROJECT TITLE  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
 O'FALLON, MISSOURI

THE **STERLING** CO.  
 ENGINEERS & SURVEYORS  
 5055 New Baumgartner Road  
 St. Louis, Missouri 63129  
 Ph 314-487-0440 Fax 314-487-8944  
 www.sterling-eng-sur.com  
 Corporate Certificate of Authority #001 348

Date: 9/7/2017  
 Michael S. Boarding  
 License No. MO E-28643  
 Civil Engineer

McBRIDE HYLAND GREEN, LLC  
 16091 SWINGLEY RIDGE ROAD, SUITE 300  
 CHESTERFIELD, MISSOURI 63017  
 Ph 636-637-2000  
 Fax 636-637-2546  
 www.mcbridehomes.com

P4-Z No. 29-16.01  
 City No.  
 Date: Aug. 7, 2017  
 Job No. 16-08-239  
 Page No.

4.2  
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THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMo

2 YR. 20 MIN. HIGHWATER ELEV.-530.20  
15 YR. 20 MIN. HIGHWATER ELEV.-530.99  
25 YR. 20 MIN. HIGHWATER ELEV.-531.38  
100 YR. 20 MIN. HIGHWATER ELEV.-531.94  
100 YR. 20 MIN. LOW FLOW BLOCKED ELEV.-532.82

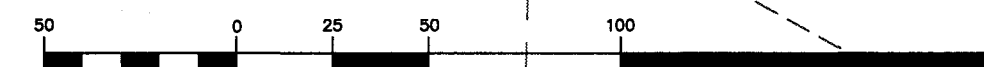
ST. PAUL ESTATE  
P.B. 20 PG. 108

NOTES:  
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MORRIS, VINCENT L. & LEONTINE A. H/W, TRS. D.B. 1940 PG. 1721  
3 SPRING CT.

ER, ESWA & LUEBERTHA H/W, TRS. D.B. 3468 PG. 876  
5 SPRING CT.

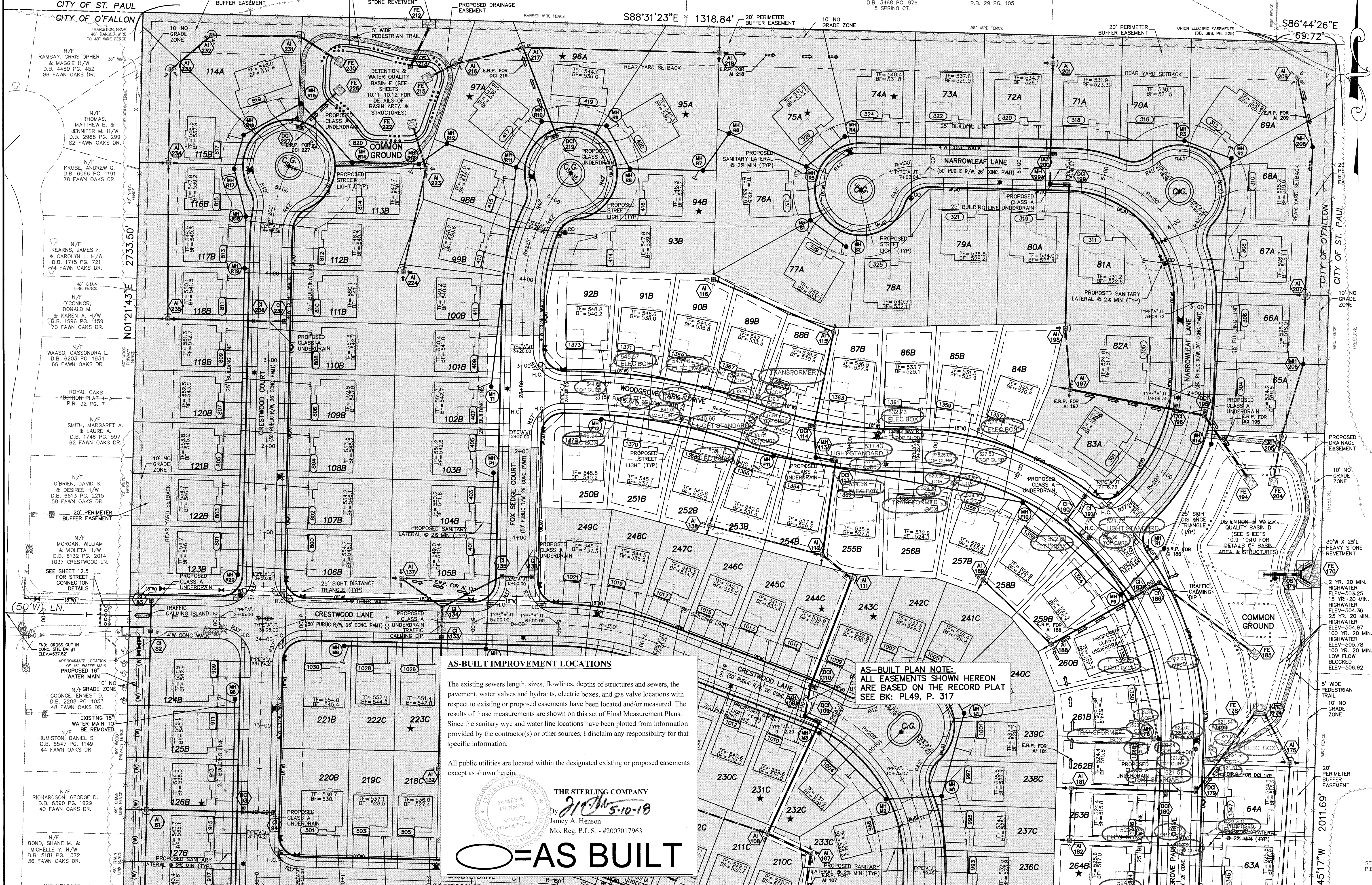
GRAPHIC SCALE



(IN FEET) HOLTHAUS, JEFFREY P.  
1 inch = 50 ft. D.B. 6218 PG. 1484  
9 SPRING CT.

ISSUE REMARKS/DATE

- 3-21-17 INITIAL SUBMITTAL
- 6-6-17 REVISED PER CITY COMMENTS
- 7-20-17 REVISED PER CITY COMMENTS
- 8-7-17 APPROVAL



**AS-BUILT IMPROVEMENT LOCATIONS**

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THE STERLING COMPANY  
By *J.A. Henson*  
James A. Henson  
Mo. Reg. P.L.S. - #2007017963

**○ = AS BUILT**

**AS-BUILT PLAN NOTE.**  
ALL EASEMENTS SHOWN HEREON ARE BASED ON THE RECORD PLAT SEE BK: PL49, P. 317

SEE SHEET 4.2 FOR CONTINUATION

PROJECT TITLE  
**PHASE 1  
COBBLESTONE  
CROSSING**

OFFALLON, MISSOURI

THE **STERLING** CO.  
ENGINEERS & SURVEYORS

5065 New Baumgartner Road  
St. Louis, Missouri 63129  
Ph 314-487-0440 Fax 314-487-8944  
www.sterling-eng-survey.com  
Corporate Certificate of Authority #001348

Date: 8/7/2017  
Michael G. Boering  
License No. MO E-28643  
Civil Engineer

McBRIDE HYLAND GREEN, LLC  
16091 SWINGLEY RIDGE ROAD, SUITE 300  
CHESTERFIELD, MISSOURI 63017  
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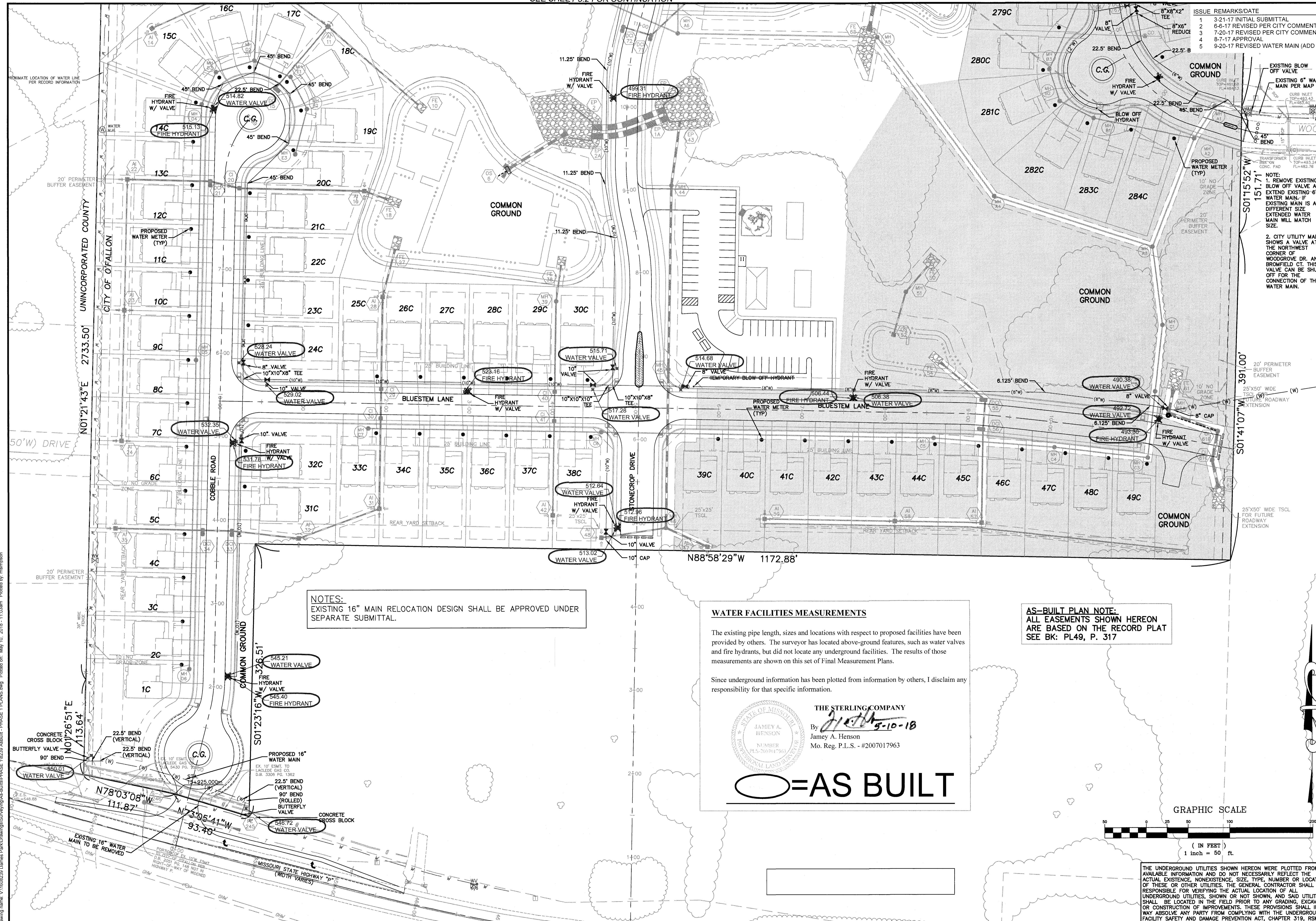
P+Z No. 29-16.01  
City No.  
Date: Aug. 7, 2017  
Job No. 16-08-239  
Page No.

4.3

IMP

"FINAL PLAN" Approval Date: January 28, 2017

SEE SHEET 5.2 FOR CONTINUATION



ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL
5	9-20-17 REVISED WATER MAIN (ADD 10")

NOTE:  
 1. REMOVE EXISTING BLOW OFF VALVE AND EXTEND EXISTING 6" WATER MAIN. IF EXISTING MAIN IS A DIFFERENT SIZE, EXTENDED WATER MAIN WILL MATCH SIZE.  
 2. CITY UTILITY MAP SHOWS A VALVE AT THE NORTHWEST CORNER OF WOODGROVE DR. AND BROMFIELD CT. THIS VALVE CAN BE SHUT OFF FOR THE CONNECTION OF THIS WATER MAIN.

NOTES:  
 EXISTING 16" MAIN RELOCATION DESIGN SHALL BE APPROVED UNDER SEPARATE SUBMITTAL.

**WATER FACILITIES MEASUREMENTS**

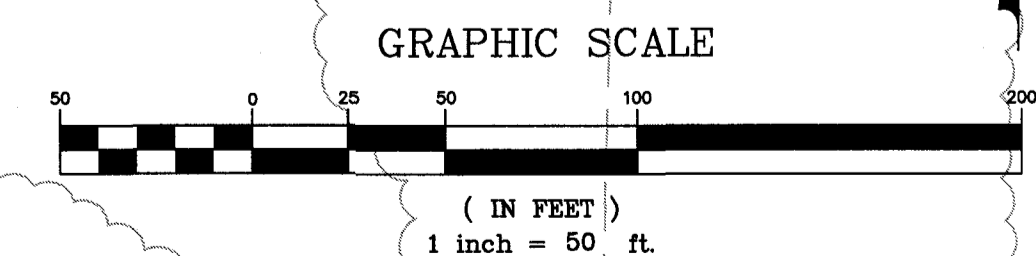
The existing pipe length, sizes and locations with respect to proposed facilities have been provided by others. The surveyor has located above-ground features, such as water valves and fire hydrants, but did not locate any underground facilities. The results of those measurements are shown on this set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

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THE STERLING COMPANY  
 By *J. Henson* 5-10-18  
 Jamey A. Henson  
 Mo. Reg. P.L.S. - #2007017963

**○ = AS BUILT**

**AS-BUILT PLAN NOTE:**  
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**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE CROSSING**  
OF FALLON, MISSOURI

**THE STERLING COMPANY**  
**ENGINEERS & SURVEYORS**  
 5055 New Baumgartner Road  
 St. Louis, Missouri 63129  
 Ph 314-467-0440 Fax 314-467-8944  
 www.sterling-eng-sur.com  
 Corporate Certificate of Authority #001348

Date: 9/20/2017  
 Michael G. Boarding  
 License No. MO E-28643  
 Civil Engineer

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 Fax 636-537-2946  
 www.mcbridehomes.com

**UTILITY PLAN**

P+Z No. 29-16.01  
 City No. \_\_\_\_\_  
 Job No. Sept. 20, 2017  
 Date: 16-08-239  
 Page No. **5.1**

IMP

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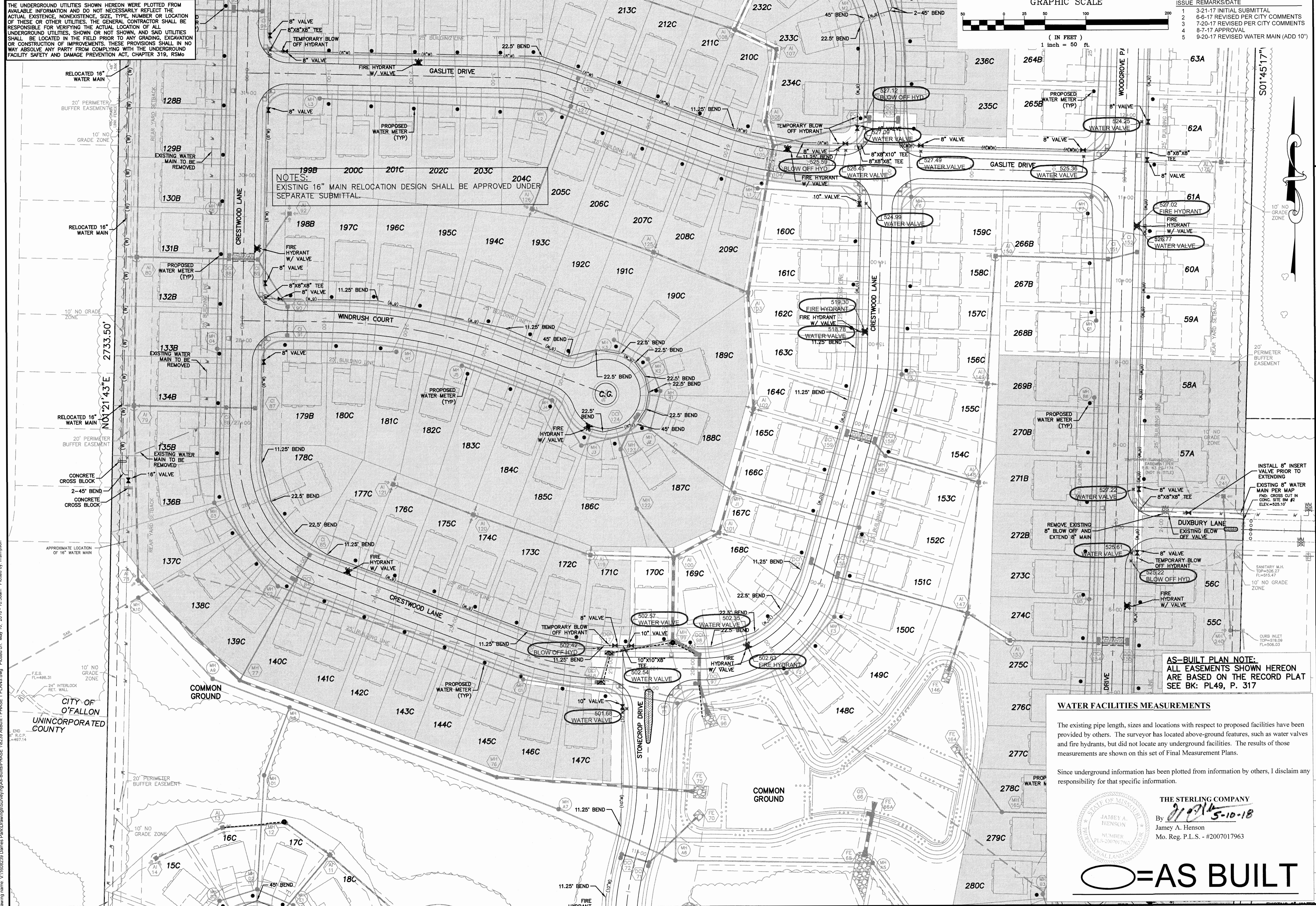


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GRAPHIC SCALE



ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL
5	9-20-17 REVISED WATER MAIN (ADD 10')



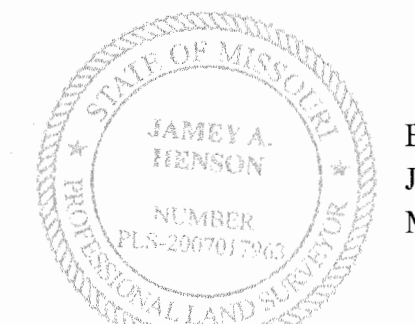
NOTES:  
199B 200C 201C 202C 203C 204C  
EXISTING 16" MAIN RELOCATION DESIGN SHALL BE APPROVED UNDER SEPARATE SUBMITTAL.

AS-BUILT PLAN NOTE:  
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WATER FACILITIES MEASUREMENTS

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THE STERLING COMPANY  
By *JAH* 5-10-18  
James A. Henson  
Mo. Reg. P.L.S. - #2007017963

○=AS BUILT

PROJECT TITLE  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
OTTAWAN, MISSOURI

THE **STERLING** CO.  
ENGINEERS & SURVEYORS  
5055 New Baumgartner Road  
St. Louis, Missouri 63129  
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Date: 9/20/2017  
Michael G. Boering  
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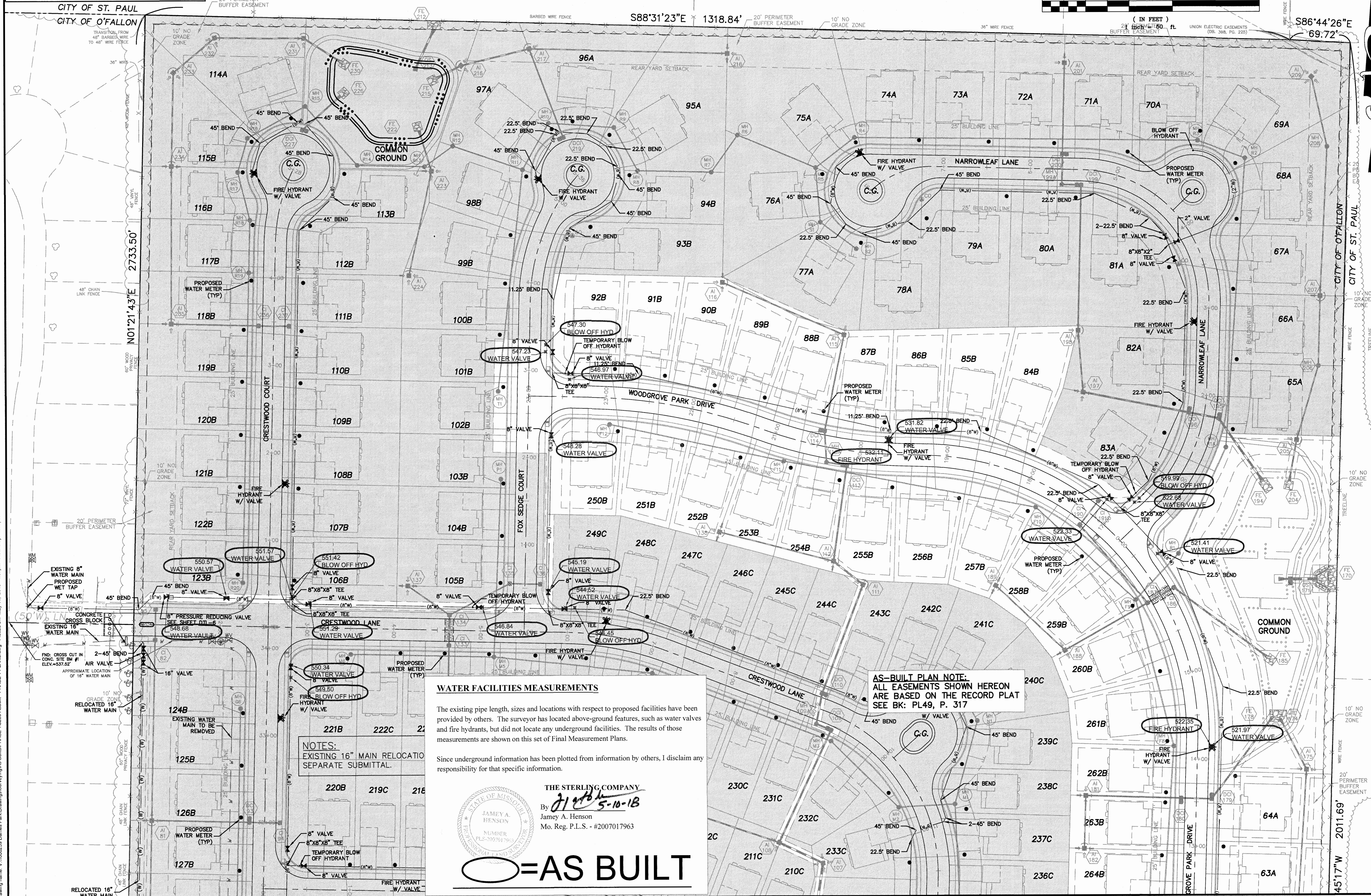
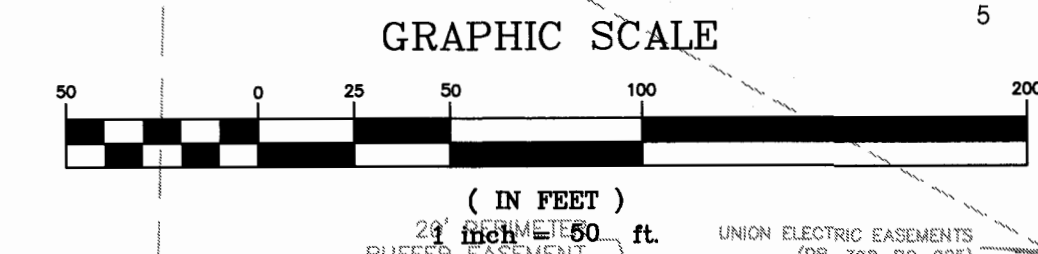
P+Z No. 29-16.01  
City No.  
Date: Sept. 20, 2017  
Job No. 16-08-239  
Page No.

5.2  
IMP

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THE STERLING COMPANY  
 By *Jamey A. Henson* 5-10-18  
 Jamey A. Henson  
 NUMBER PLS-2007017963  
 Mo. Reg. P.L.S. - #2007017963

**AS BUILT**

**AS-BUILT PLAN NOTE:**  
 ALL EASEMENTS SHOWN HEREON  
 ARE BASED ON THE RECORD PLAT  
 SEE BK: PL49, P. 317

**NOTES:**  
 EXISTING 16" MAIN RELOCATION  
 SEPARATE SUBMITTAL.

SEE SHEET 5.2 FOR CONTINUATION

PROJECT TITLE  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
 O'FALLON, MISSOURI

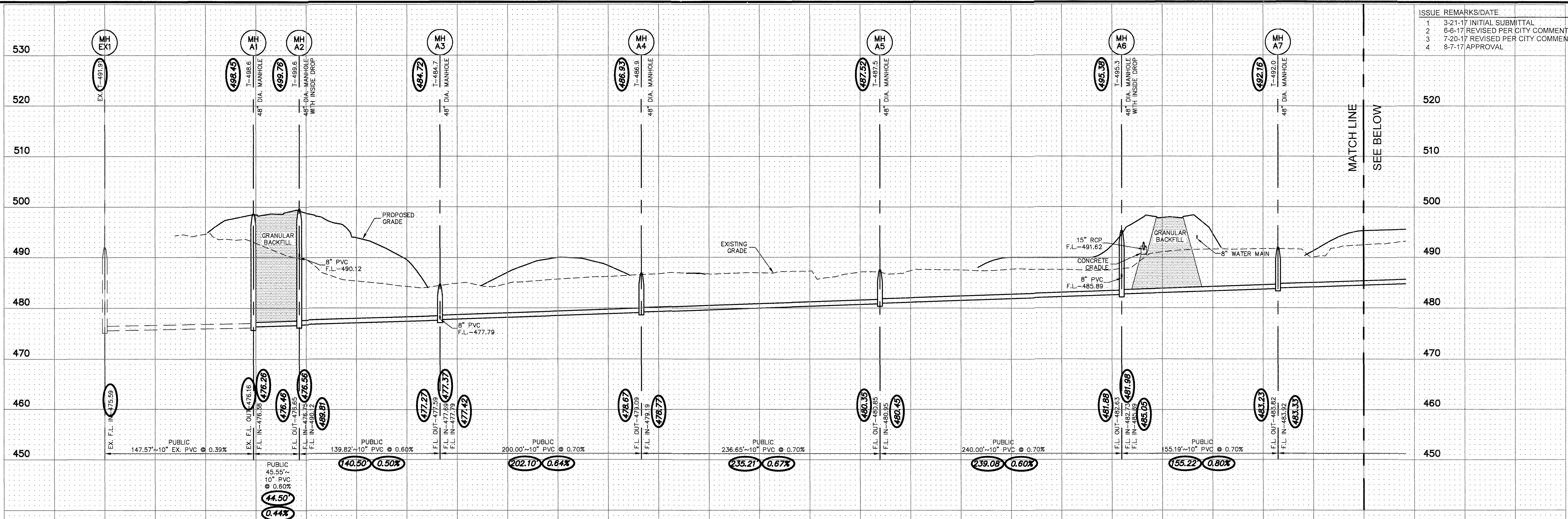
THE **STERLING** CO.  
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Date: 9/20/2017  
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P+Z No. 29-16.01  
 City No.  
 Job No. Sept. 20, 2017  
 Date No. 16-08-239  
 Page No.  
**5.3**  
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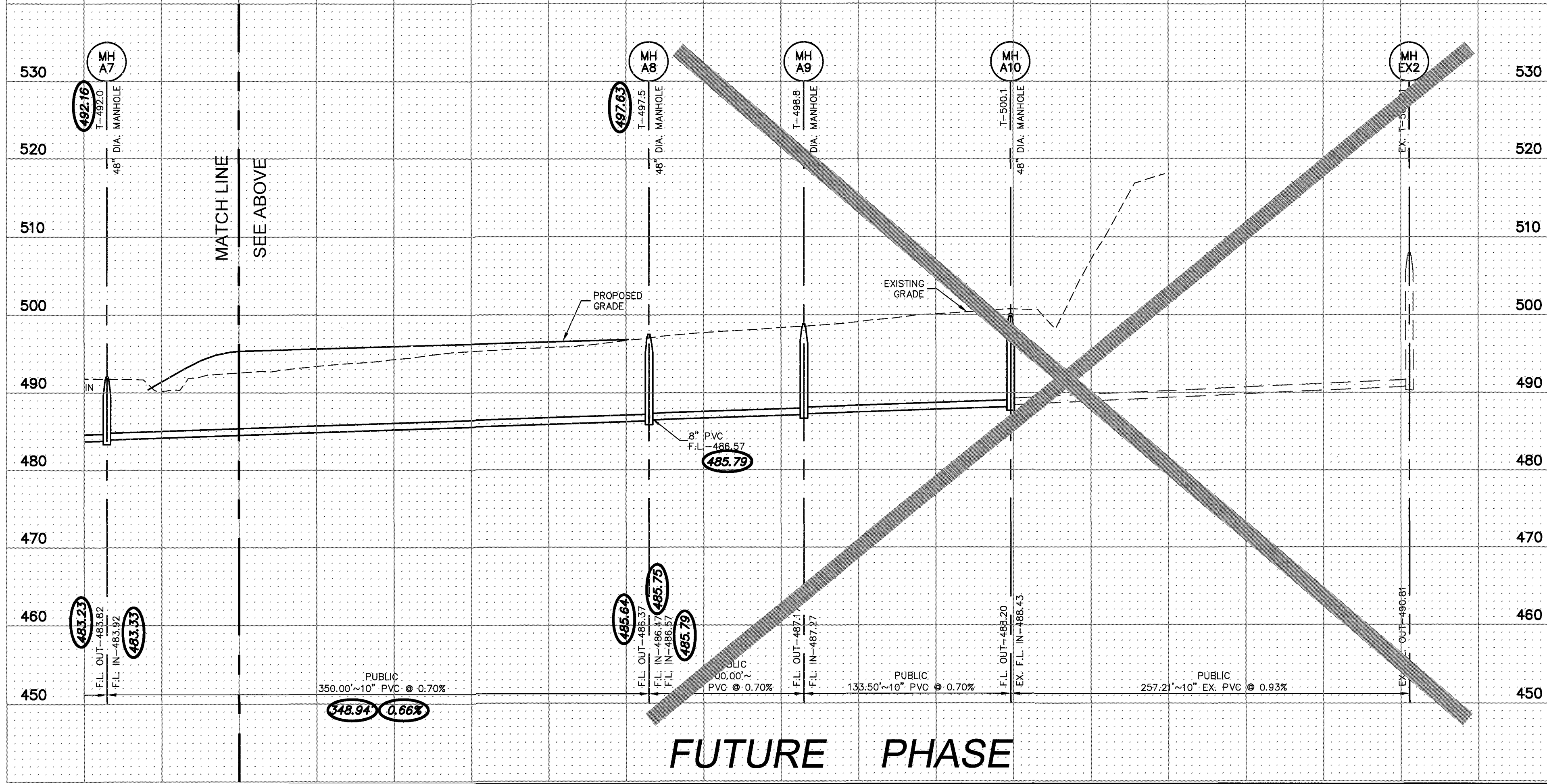


ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

FOR REFERENCE ONLY. APPROVED WITH GARDING/SWPPP PLANS, PERMIT NO. GR17-00003

- NOTES:**
- EXISTING SANITARY SERVICE SHALL NOT BE INTERRUPTED.
  - MODIFY INVERTS TO DRAIN PROPERLY.
  - B.F. DENOTES BASEMENT FLOOR ELEVATION  
I.S. DENOTES LATERAL TAIL STAKE ELEVATION.
  - PROPOSED GRADE SHOWN ON SANITARY PROFILES IS BASED UPON ROUGH GRADING, FINAL GRADING DONE WITH CONSTRUCTION OF THE RESIDENCES AT THE DEVELOPMENT WILL MATCH PROPOSED MANHOLE TOP ELEVATIONS
  - ALL SANITARY MAINS AND/OR LATERALS THAT CROSS PAVEMENT, LIE WITHIN TEN (10) FEET OF THE EDGE OF PAVEMENT OR WITHIN THE 1:1 SHEAR PLANE OF THE STREET MUST HAVE PROPER ROCK BACKFILL AND REQUIRED COMPACTION.

1"=10'  
1"=50'



**STORM AND SANITARY SEWER MEASUREMENTS**

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THE STERLING COMPANY  
By: *JAMES A. HENSON* 2/21/18  
JAMEY A. HENSON  
NUMBER: PLS-2007017963  
Mo. Reg. P.L.S. - #2007017963

**○ = AS BUILT**

PROJECT TITLE  
**PHASE 1  
COBBLESTONE  
CROSSING**  
OFFALLON, MISSOURI

THE **STERLING** CO.  
ENGINEERS & SURVEYORS  
5055 New Baumgartner Road  
St. Louis, Missouri 63129  
Ph 314-487-0440 Fax 314-487-8944  
www.sterling-eng-srv.com  
Corporate Certificate of Authority #001348

Date: 3/7/2017  
Michael G. Boerding  
License No. MO E-28643  
Civil Engineer

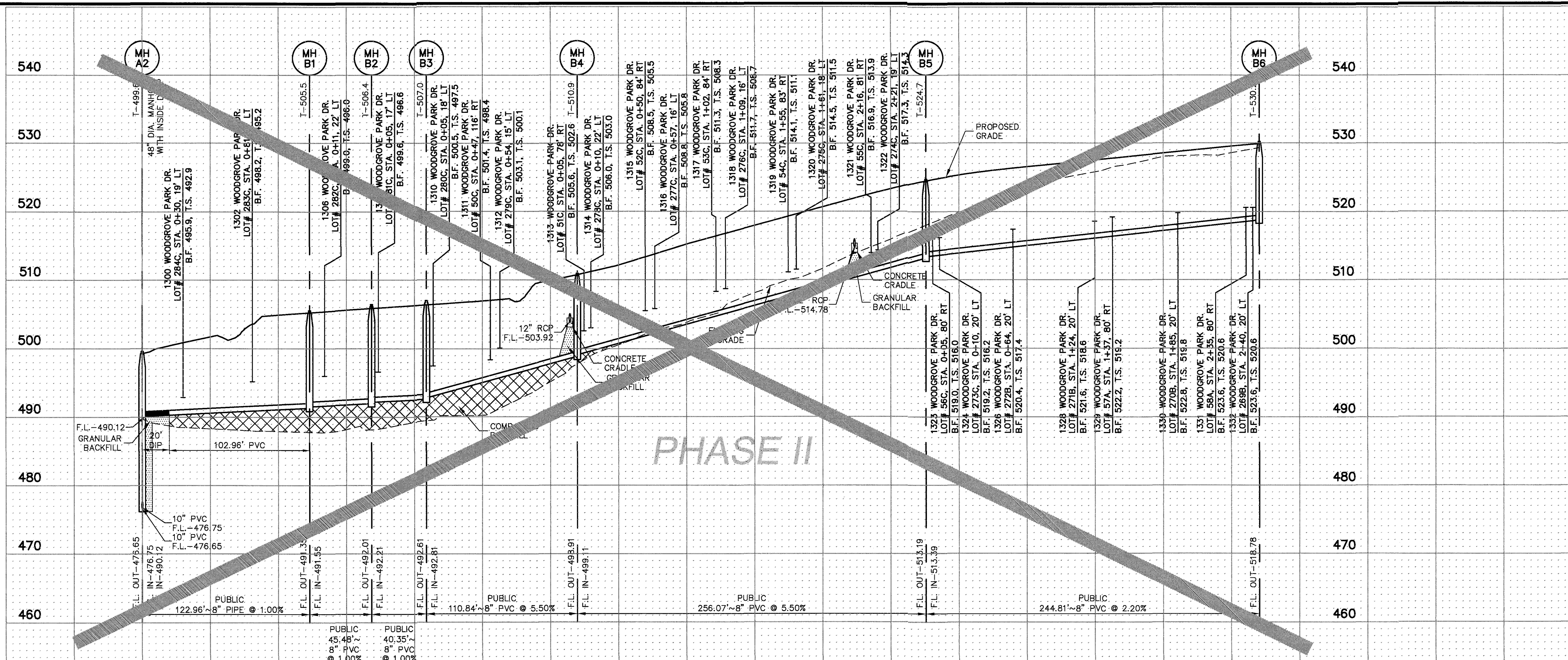
McBRIDE HYLAND GREEN, LLC  
16091 SWINGLEY RIDGE ROAD, SUITE 300  
CHESTERFIELD, MISSOURI 63017  
Ph: 636-537-2000  
Fax: 636-537-2546  
www.mcbridehomes.com

**SANITARY SEWER PROFILES**

P+Z No. 29-16.01  
City No.  
Date: Aug. 7, 2017  
Job No. 16-08-239

Page No.  
**7.1**  
IMP

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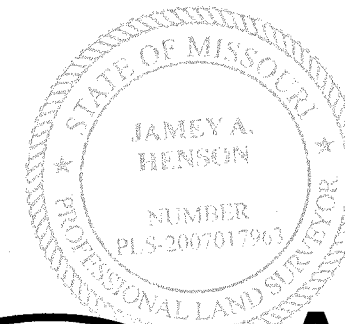


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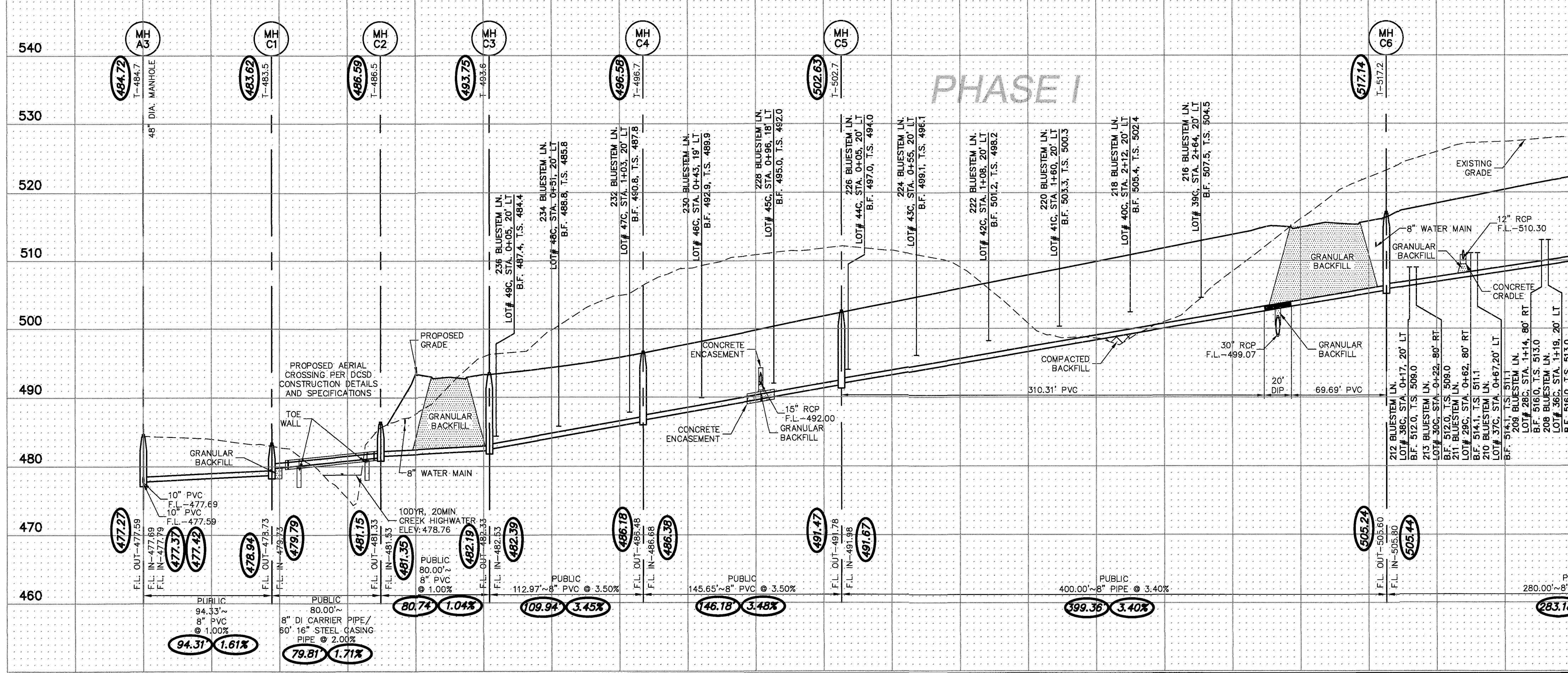
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**THE STERLING COMPANY**  
 By *James A. Henson*  
 James A. Henson  
 Mo. Reg. P.L.S. - #2007017963  
**AS BUILT**

ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL



1"=10'  
1"=50'

**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
 OTTALON, MISSOURI

**THE STERLING CO.**  
**ENGINEERS & SURVEYORS**  
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 www.sterling-eng-survey.com  
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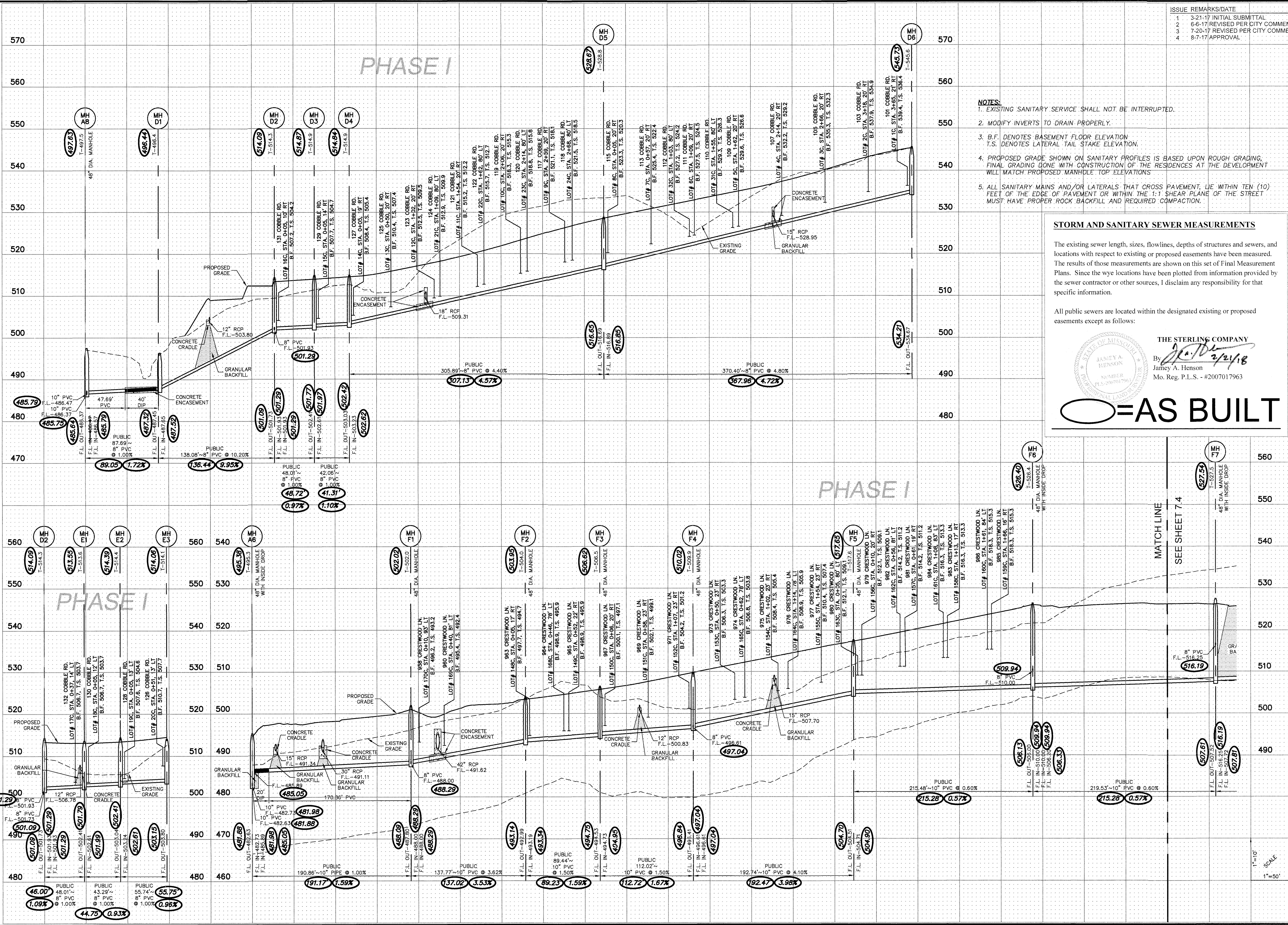
Date: 8/7/2017  
 Michael G. Boarding  
 License No. MO E-28643  
 Civil Engineer

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 16091 SWINGLEY RIDGE ROAD, SUITE 300  
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P+Z No. 29-16.01  
 City No.  
 Date: Aug. 7, 2017  
 Job No. 16-08-239

Page No.  
**7.2**  
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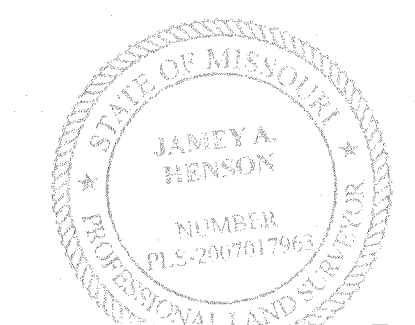
ISSUE	REMARKS/DATE
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2	6-6-17 REVISED PER CITY COMMENTS
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4	8-7-17 APPROVAL

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THE STERLING COMPANY  
By: *James A. Henson* 2/21/18  
James A. Henson  
Mo. Reg. P.L.S. - #2007017963

**○=AS BUILT**

**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
OTFALLON, MISSOURI

**THE STERLING CO.**  
**ENGINEERS & SURVEYORS**  
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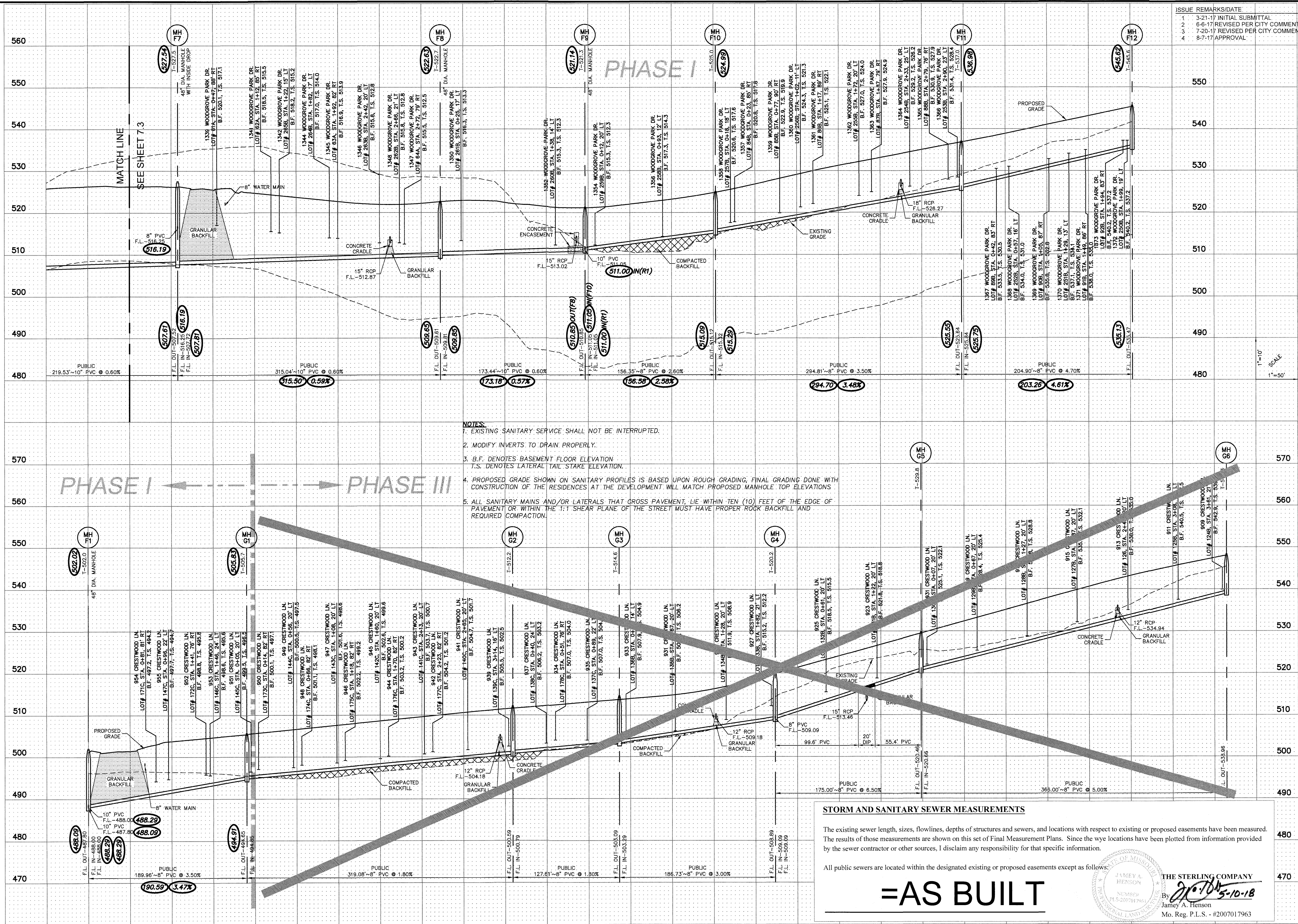
The Professional Engineer's seal and signature are not to be used to certify any work unless the work was done by the engineer or under the direct supervision of the engineer. The engineer is not responsible for the accuracy of the information provided by the contractor or other sources.

Date: 8/7/2017  
Michael G. Boering  
License No. MO E-28643  
Civil Engineer

**McBRIDE HYLAND GREEN, LLC**  
16091 SWINGLEY RIDGE ROAD, SUITE 300  
CHESTERFIELD, MISSOURI 63017  
Ph 636-537-2000  
Ph 636-537-2546  
www.mcbriدهomes.com

P+Z No. 29-16.01  
City No.  
Date: Aug. 7, 2017  
Job No. 16-08-239

Page No.  
**7.3**  
IMP



ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-5-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

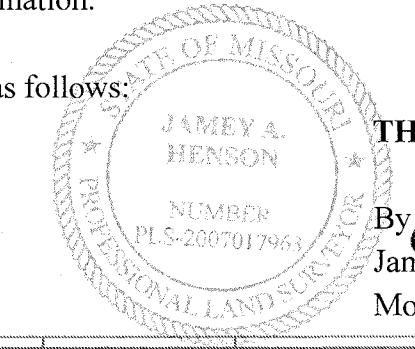
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**=AS BUILT**



THE STERLING COMPANY  
By: *[Signature]* 5-10-18  
James A. Henson  
Mo. Reg. P.L.S. - #2007017963

**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
OF FALLON, MISSOURI

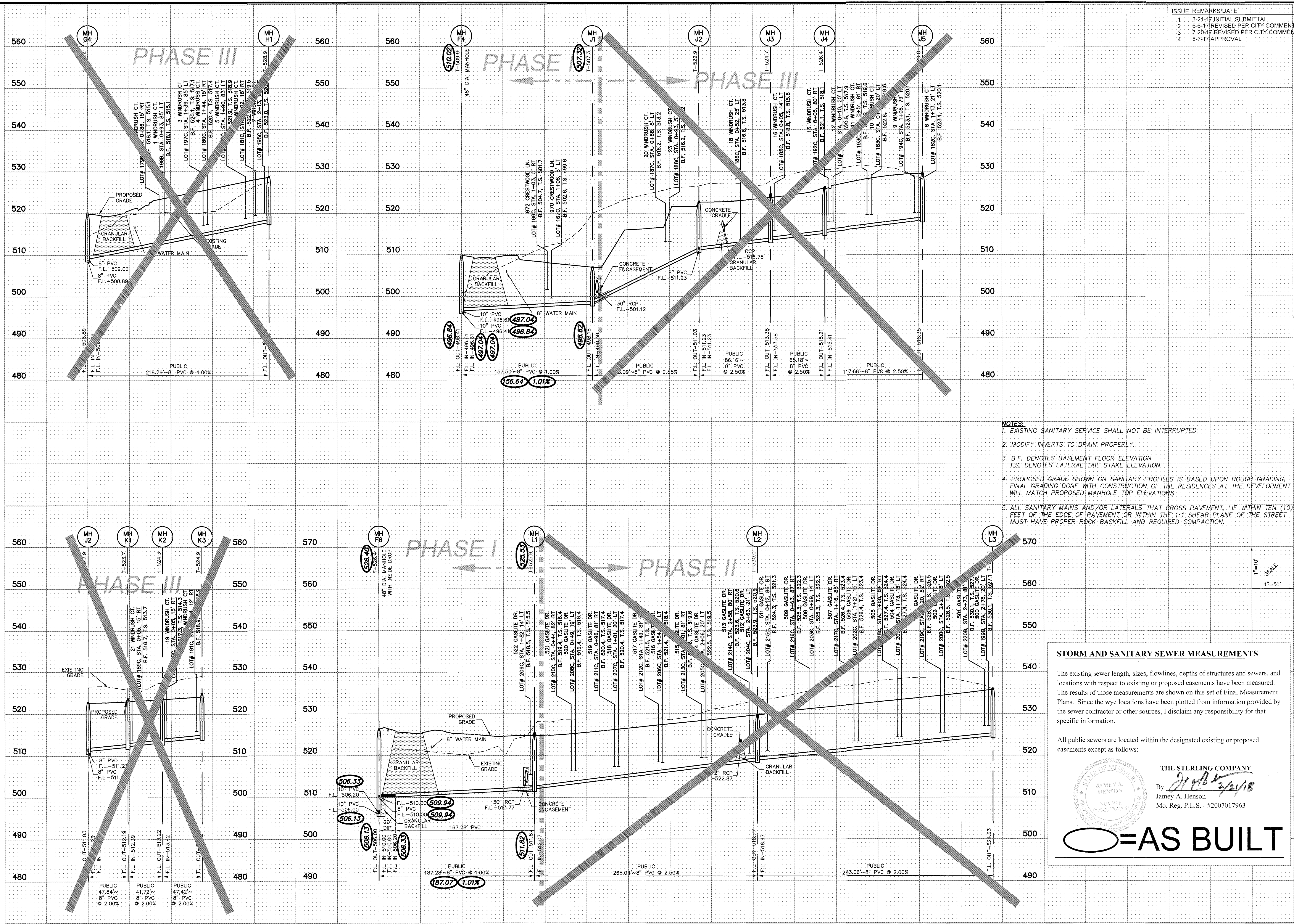
**THE STERLING CO.**  
**ENGINEERS & SURVEYORS**  
5055 New Baumgartner Road  
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Ph 314-487-0440 Fax 314-487-8944  
www.sterling-eng-survey.com  
Corporate Certificate of Authority #001348

Date: 8/7/2017  
Michael G. Boering  
License No. MO E-28643  
Civil Engineer

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CHESTERFIELD, MISSOURI 63017  
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**P+Z No.** 29-16.01  
**City No.**  
**Date:** Aug. 7, 2017  
**Job No.** 16-08-239  
**Page No.**  
**7.4**  
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ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

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By *Jamey A. Henson*  
Jamey A. Henson  
Mo. Reg. P.L.S. - #2007017963

**AS BUILT**

**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
OF FALLON, MISSOURI

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**ENGINEERS & SURVEYORS**  
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Date: 8/7/2017  
Michael G. Boerding  
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Civil Engineer

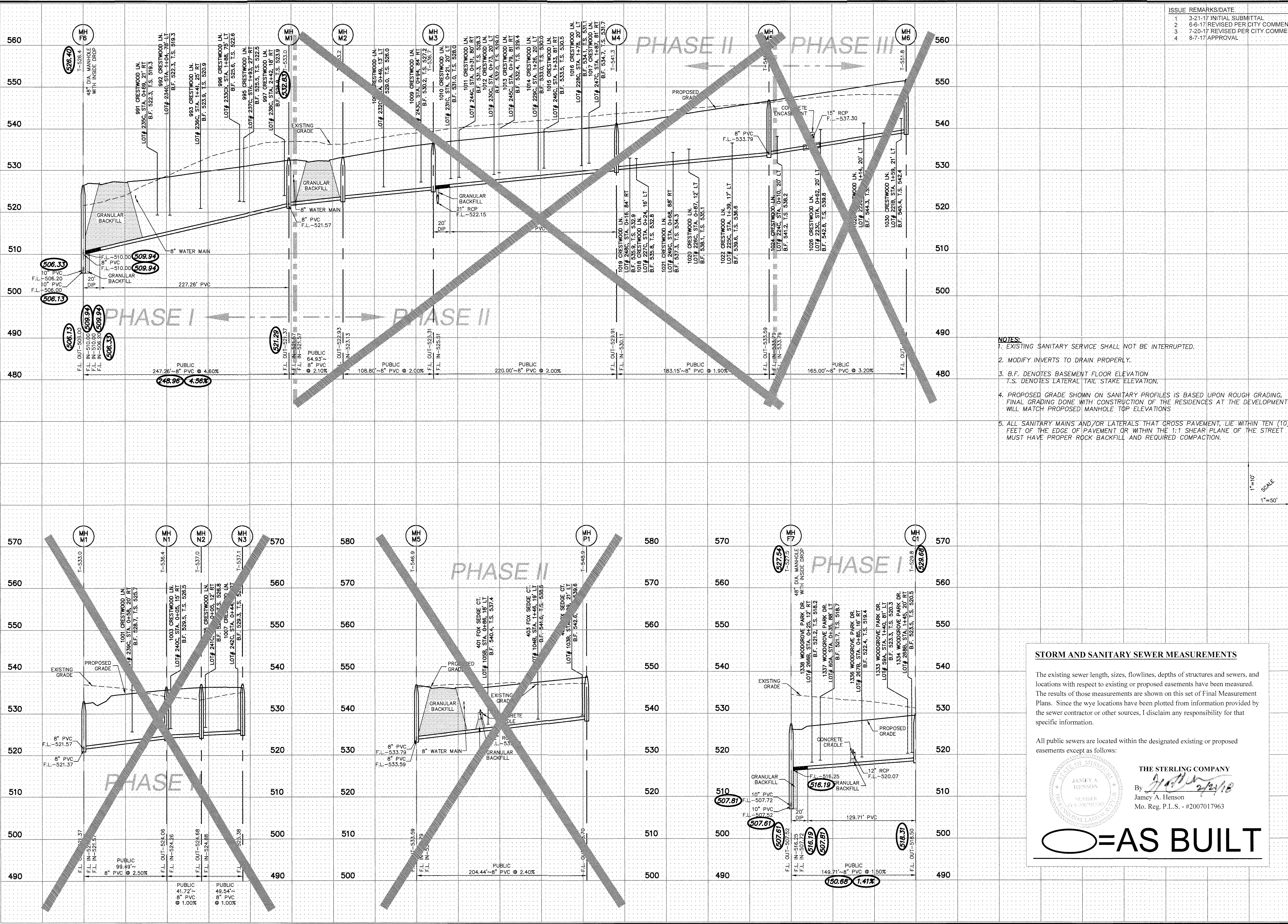
**McBRIDE HYLAND GREEN, LLC**  
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**SANITARY SEWER PROFILES**

P+Z No. 29-16.01  
City No. 16091  
Date: Aug. 7, 2017  
Job No. 16-08-239

Page No. **7.5**  
IMP

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ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

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1"=10'  
SCALE  
1"=50'

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**THE STERLING COMPANY**

By *[Signature]*  
 Jamey A. Henson  
 Mo. Reg. P.L.S. - #2007017963

**○ = AS BUILT**

**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
OF FALLON, MISSOURI

**THE STERLING CO.**  
**ENGINEERS & SURVEYORS**  
 5055 New Baumgartner Road  
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 Corporate Certificate of Authority #001348

Date: 8/7/2017  
 Michael G. Boering  
 License No. MO E-28643  
 Civil Engineer

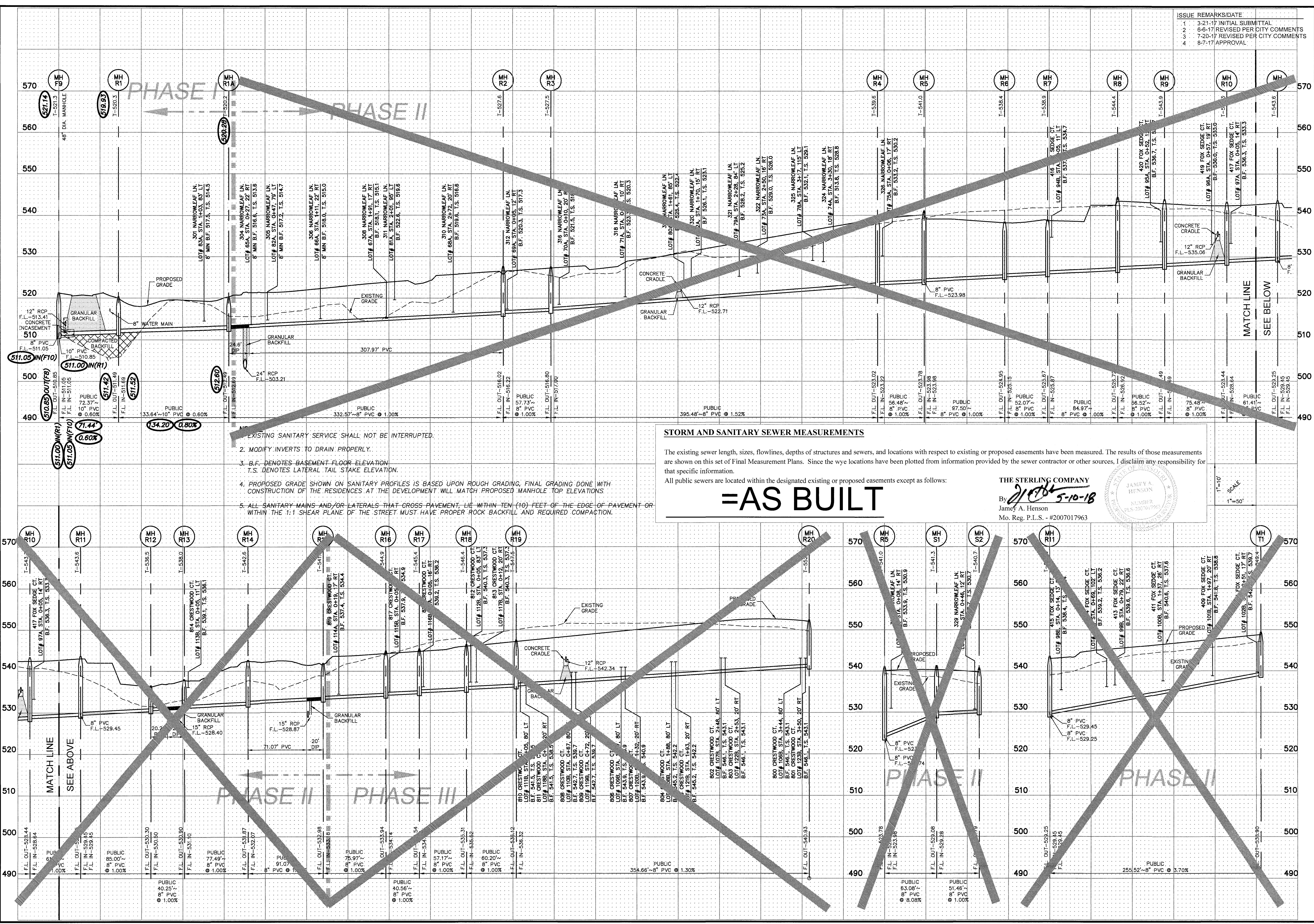
**McBRIDE HYLAND GREEN, LLC**  
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**SANITARY SEWER PROFILES**

P+Z No. 29-16.01  
 City No.  
 Date: Aug. 7, 2017  
 Job No. 16-08-239  
 Page No.  
7.6



Drawing name: Y:\11602239-Diverse Pwd\Drawings\Surveying\AS-Built\PHASE I San Profiles.dwg Plot date: May 08, 2018 - 11:16am Plotted by: msjmgp



ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

1. NO EXISTING SANITARY SERVICE SHALL NOT BE INTERRUPTED.
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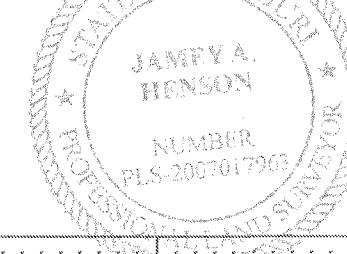
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THE STERLING COMPANY  
By: *J. A. Henson* 5-10-18  
Jamey A. Henson  
Mo. Reg. P.L.S. - #2007017963



1"=50'  
SCALE

PROJECT TITLE  
**PHASE 1  
COBBLESTONE  
CROSSING**  
OF FALLON, MISSOURI

THE **STERLING** CO.  
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P+Z No. 29-16.01  
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Date: Aug. 7, 2017  
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Page No. **7.7**  
IMP

ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-8-17 REVISED PER CITY COMMENTS
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PROJECT TITLE  
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Michael G. Boerding  
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Civil Engineer

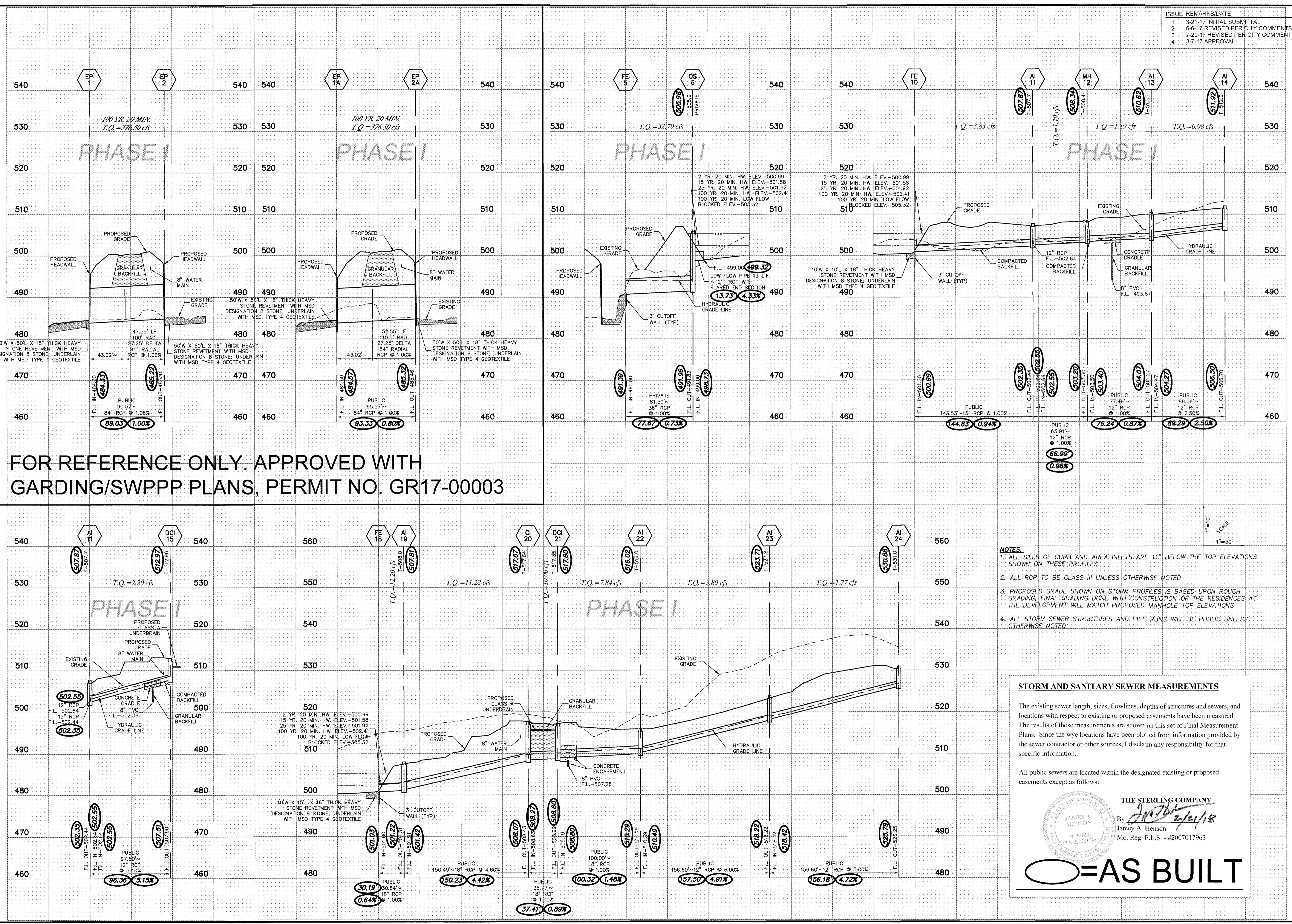
McBRIDE HYLAND GREEN, LLC  
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STORM SEWER PROFILES

P+Z No. 29-16.01  
City No.  
Date: Aug. 7, 2017  
Job No. 16-08-239

Page No.  
**8.1**

IMP



FOR REFERENCE ONLY. APPROVED WITH  
GARDING/SWPPP PLANS, PERMIT NO. GR17-00003

- NOTES:**
1. ALL SILLS OF CURB AND AREA INLETS ARE 11" BELOW THE TOP ELEVATIONS SHOWN ON THESE PROFILES
  2. ALL RCP TO BE CLASS III UNLESS OTHERWISE NOTED
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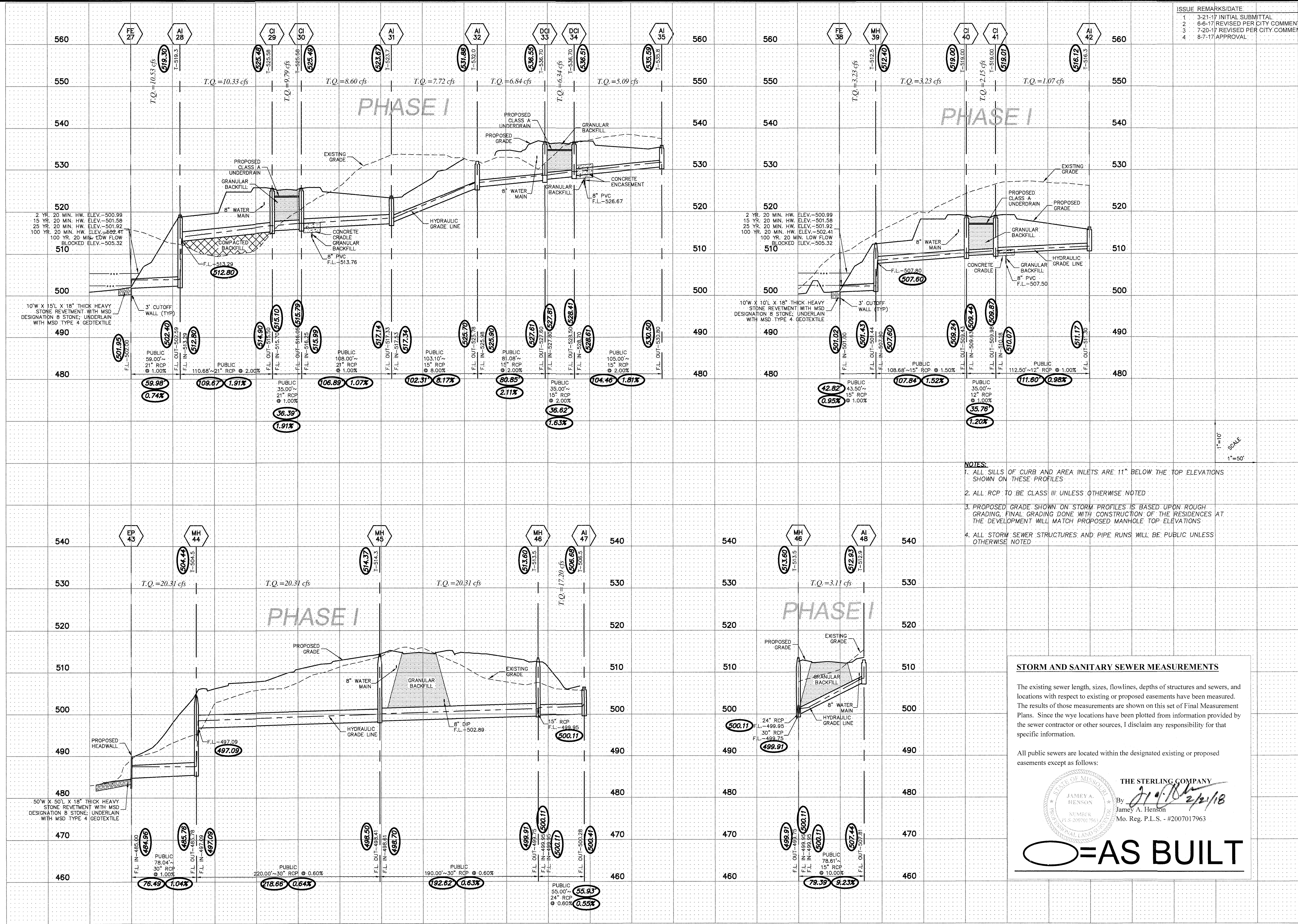
THE STERLING COMPANY  
By *J. Henson* 2/21/18  
Jamey A. Henson  
Mo. Reg. P.L.S. - #2007017963

**AS BUILT**

Drawing name: V11608239 Dames Park Drawings/Surveying/As-Built/Phase 1 Sewers/239 As-Built - PHASE 1 Storm Profiles.dwg Plotted on: Feb 19, 2018 - 1:26pm Plotted by: msmpson

Drawing name: V:\1608239\Drawings\Storm\Phase 1\SEWERS\20239\Sub\1 - PHASE 1 Storm Profiles.dwg Plotted on: Feb 19, 2018 - 1:29pm Plotted by: mlmpson

ISSUE	REMARKS/DATE
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**STORM AND SANITARY SEWER MEASUREMENTS**

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**THE STERLING COMPANY**  
 By *J. A. Henson* 2/21/18  
 James A. Henson  
 Mo. Reg. P.L.S. - #2007017963

**AS BUILT**

**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
 OF FALLON, MISSOURI

**THE STERLING CO.**  
 ENGINEERS & SURVEYORS  
 5065 New Baumgartner Road  
 St. Louis, Missouri 63123  
 Ph 314-487-0440 Fax 314-487-8844  
 www.sterling-eng-survey.com  
 Corporate Certificate of Authority #001348

Date: 8/7/2017  
 Michael G. Boering  
 License No. MO E-28643  
 Civil Engineer

McBRIDE HYLAND GREEN, LLC  
 16091 SWINGLEY RIDGE ROAD, SUITE 300  
 CHESTERFIELD, MISSOURI 63017  
 Ph 636-537-2000  
 Fax 636-537-2546  
 www.mcbridehomes.com

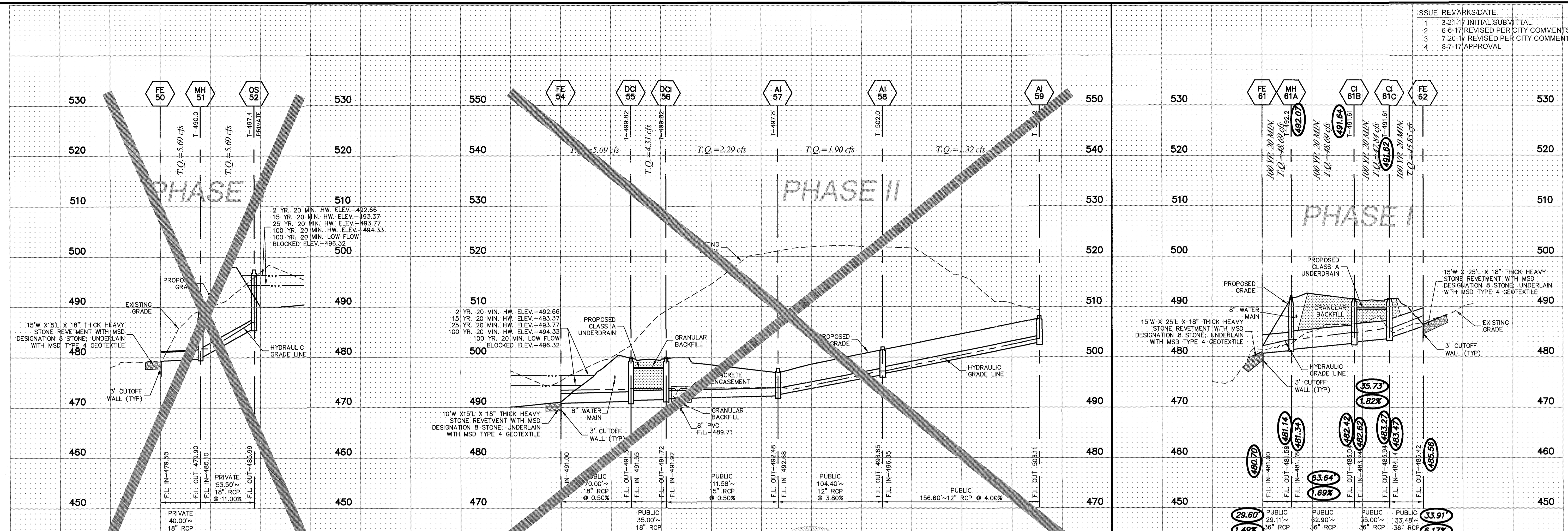
**STORM SEWER PROFILES**

P+Z No. 29-16.01  
 City No.  
 Date: Aug. 7, 2017  
 Job No. 16-08-239  
 Page No.

**8.2**

IMP

Drawing name: V:\1608239 Dames Park\Drawings\Surveying\As-Built\PHASE I Storm Profiles.dwg Plotted on: May 21, 2018 - 5:38am Plotted by: msampson



ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

- NOTES:**
1. ALL SILLS OF CURB AND AREA INLETS ARE 11" BELOW THE TOP ELEVATIONS SHOWN ON THESE PROFILES
  2. ALL RCP TO BE CLASS III UNLESS OTHERWISE NOTED
  3. PROPOSED GRADE SHOWN ON STORM PROFILES IS BASED UPON ROUGH GRADING, FINAL GRADING DONE WITH CONSTRUCTION OF THE RESIDENCES AT THE DEVELOPMENT WILL MATCH PROPOSED MANHOLE TOP ELEVATIONS
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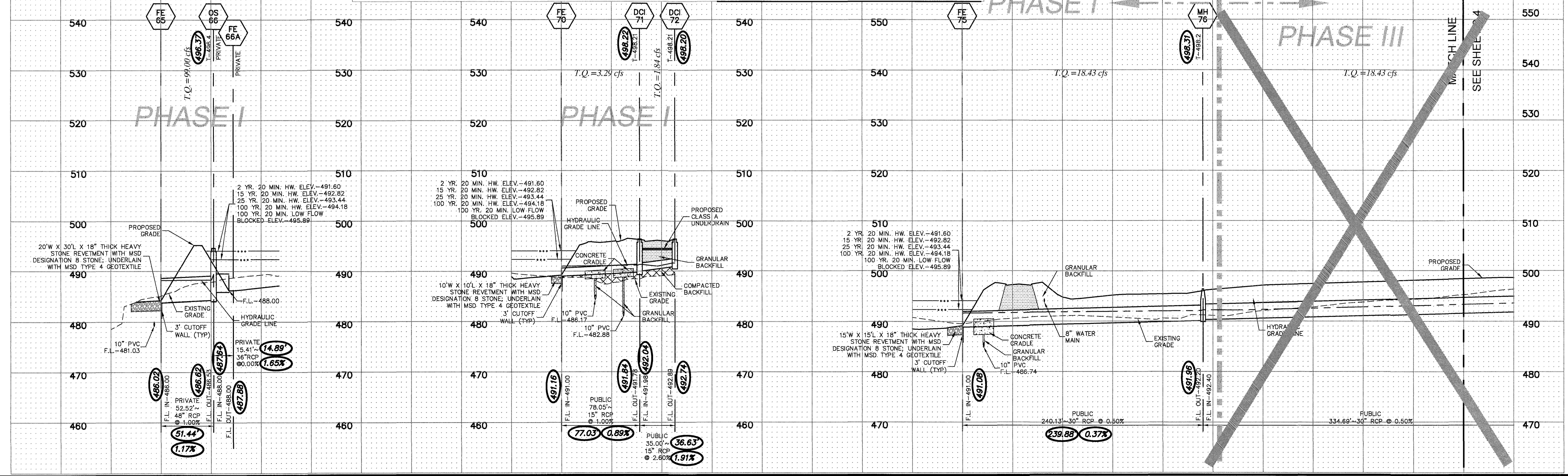
All public sewers are located within the designated existing or proposed easements except as follows:

THE STERLING COMPANY  
 By *Jamey A. Henson* 3-21-18  
 Jamey A. Henson  
 Mo. Reg. P.L.S. - #2007017963

**AS BUILT**

1"=10'  
 1"=50'

**FOR REFERENCE ONLY. APPROVED WITH GARDING/SWPPP PLANS, PERMIT NO. GR17-00003**



**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
 OF FALLON, MISSOURI

**THE STERLING CO.**  
 ENGINEERS & SURVEYORS  
 5055 New Baumgartner Road  
 St. Louis, Missouri 63129  
 Ph 314-487-0440 Fax 314-487-8944  
 www.sterling-eng-survey.com  
 Corporate Certificate of Authority #001348

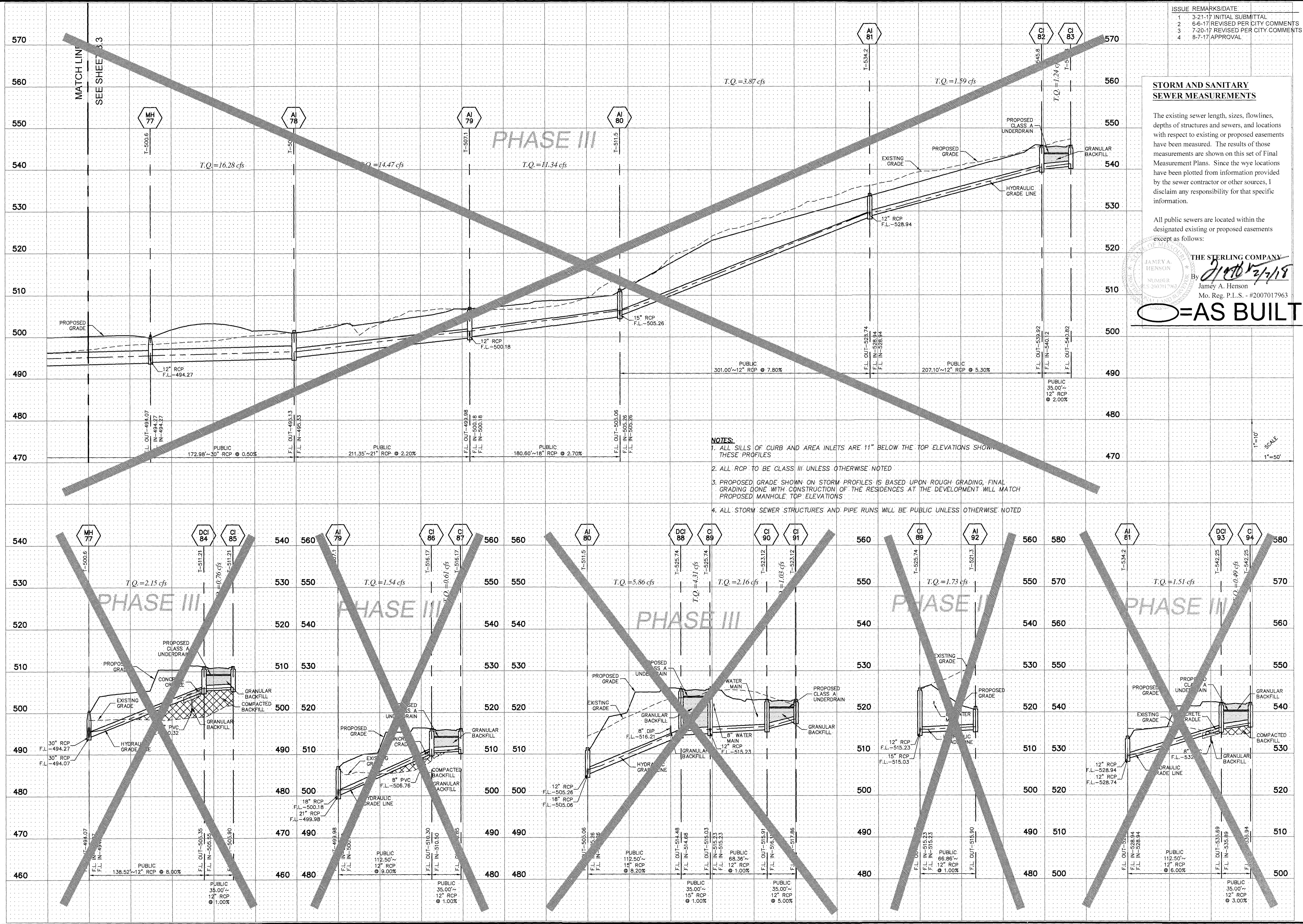
Date: 8/7/2017  
 Michael G. Boering  
 License No. MO E-28543  
 Civil Engineer

**McBRIDE HYLAND GREEN, LLC**  
 16091 SWINGLEY RIDGE ROAD, SUITE 300  
 CHESTERFIELD, MISSOURI 63017  
 Ph 636-537-2000  
 Fax 636-537-2546  
 www.mcbridehomes.com

P+Z No. 29-16.01  
 City No.  
 Date: Aug 7, 2017  
 Job No. 16-08-239

Page No.  
**8.3**  
 IMP

Drawing name: V:\1608239\Drawings\Storm\Profiles\Bulls\PHASE I - SEWER\SS\33.dwg PHASE I - Storm Profiles.dwg Plotted on: Jan 05, 2016 - 8:07am Plotted by: mmpmson

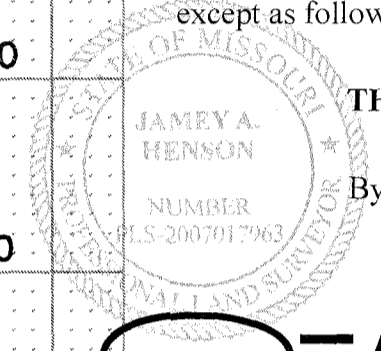


ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	5-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

**STORM AND SANITARY SEWER MEASUREMENTS**

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THE STERLING COMPANY  
By *Jamey A. Henson*  
Jamey A. Henson  
Mo. Reg. P.L.S. - #2007017963

○=AS BUILT

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1"=10'  
1"=50'

**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE CROSSING**  
OF FALLON, MISSOURI

---

**THE STERLING COMPANY**  
ENGINEERS & SURVEYORS  
5055 New Baumgartner Road  
St. Louis, Missouri 63129  
Ph 314-487-0440 Fax 314-487-8844  
www.sterling-eng-survey.com  
Corporate Certificate of Authority #001348

---

Date: 8/7/2017  
Michael G. Boering  
License No. MO E-28643  
Civil Engineer

---

**McBRIDE HYLAND GREEN, LLC**  
16091 SWINGLEY RIDGE ROAD, SUITE 300  
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www.mbridehomes.com

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**STORM SEWER PROFILES**

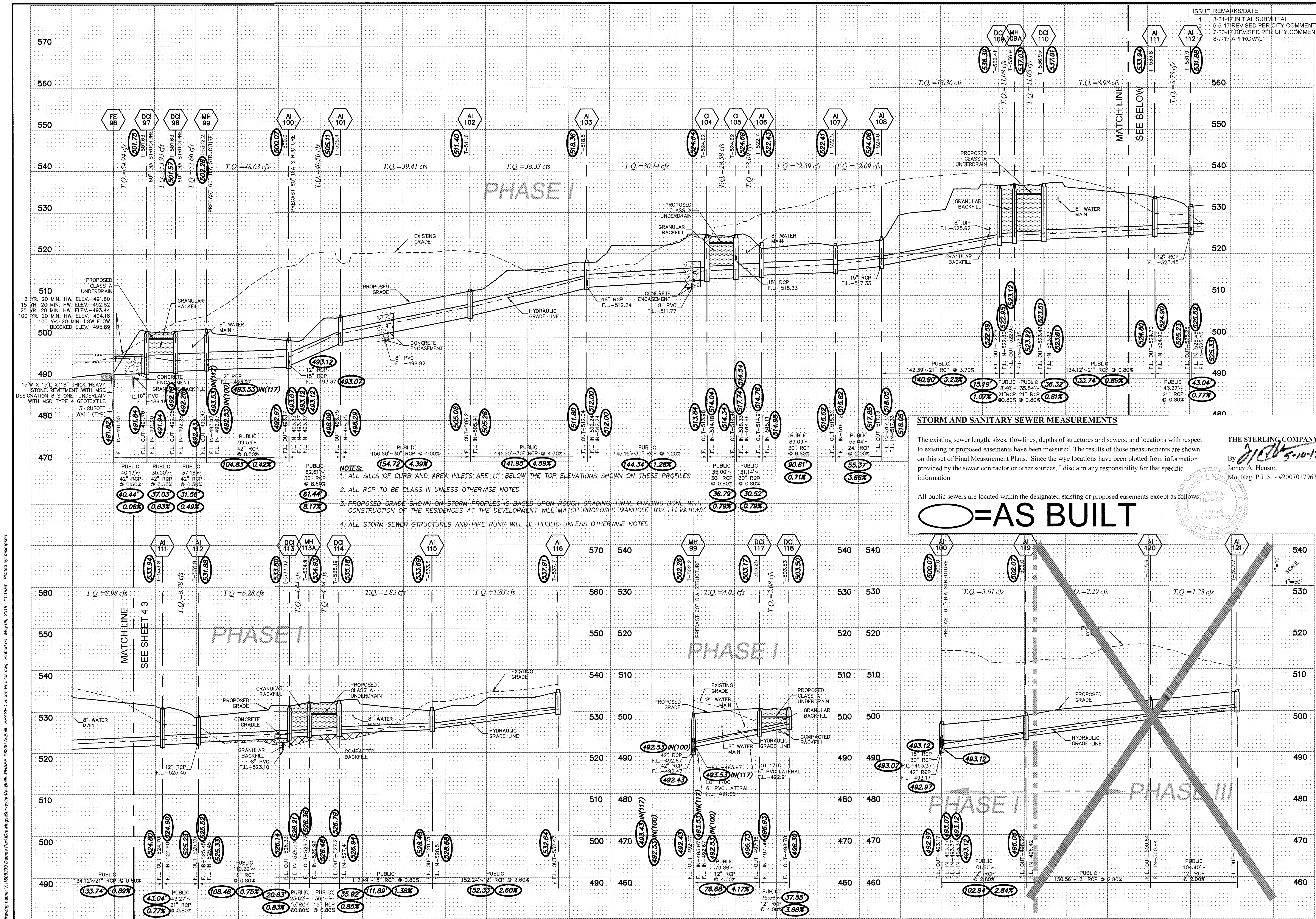
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P+Z No. 29-16.01  
City No.  
Date: Aug. 7, 2017  
Job No. 16-08-239  
Page No.

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8.4

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Drawing name: V:\1609239 Dimesa Pk\Drawings\Storm\Phase 1 Storm Profiles.dwg Plotted on: May 08, 2018 - 11:58am Plotted by: mshanson

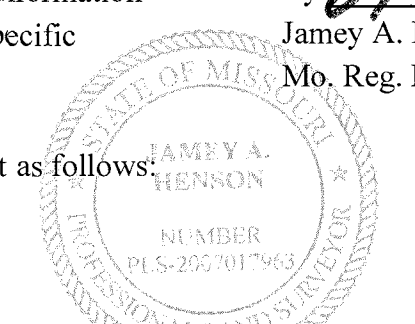
- NOTES:**
1. ALL SILLS OF CURB AND AREA INLETS ARE 11" BELOW THE TOP ELEVATIONS SHOWN ON THESE PROFILES
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**THE STERLING COMPANY**  
By *J. A. Henson* 5-10-18  
James A. Henson  
Mo. Reg. P.L.S. - #2007017963

○ = AS BUILT



**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**

OFFALLON, MISSOURI

**THE STERLING CO.**  
**ENGINEERS & SURVEYORS**

5055 New Baumgartner Road  
St. Louis, Missouri 63129  
Ph 314-487-0440 Fax 314-487-8944  
www.sterling-eng-survey.com  
Corporate Certificate of Authority #001348

Date: 8/7/2017  
Michael G. Boering  
License No. MO E-28643  
Civil Engineer

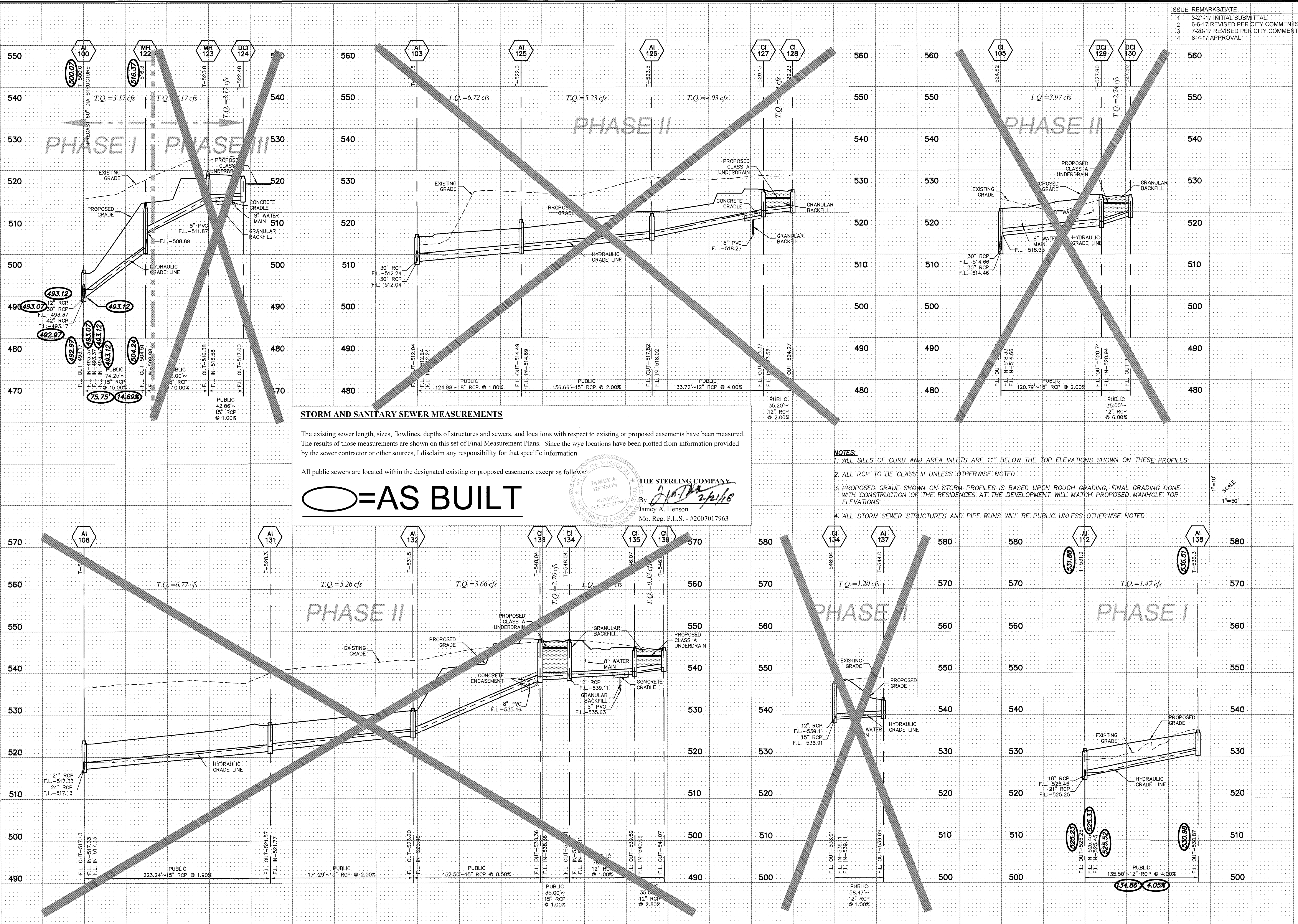
**McBRIDE HYLAND GREEN, LLC**  
16091 SWINGFIELD RIDGE ROAD, SUITE 300  
CHESTERFIELD, MISSOURI 63017  
Ph 636-537-2000  
Fax 636-537-2546  
www.mcbriدهomes.com

**STORM SEWER PROFILES**

P-TZ No. 29-16.01  
City No.  
Date: Aug. 7, 2017  
Job No. 16-08-239  
Page No. **8.5**

"FINAL PLAN" Approval Date: January 26, 2017

Drawing name: V11606239 Dames Park Drawings/Surveying/As-Built - PHASE I SEWERS/AS-BUILT - PHASE I Storm Profiles.dwg Plotted on: Feb 19, 2016 - 1:55pm Plotted by: msimpson



ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

**STORM AND SANITARY SEWER MEASUREMENTS**

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**THE STERLING COMPANY**  
 By *J.A. Henson* 2/2/18  
 James A. Henson  
 Mo. Reg. P.L.S. - #2007017963

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**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
 OF FALLON, MISSOURI

**THE STERLING CO.**  
 ENGINEERS & SURVEYORS  
 5055 New Baumgartner Road  
 St. Louis, Missouri 63129-8944  
 Ph 314-463-4400 Fax 314-467-8944  
 Corporate Certificate of Authority #001348

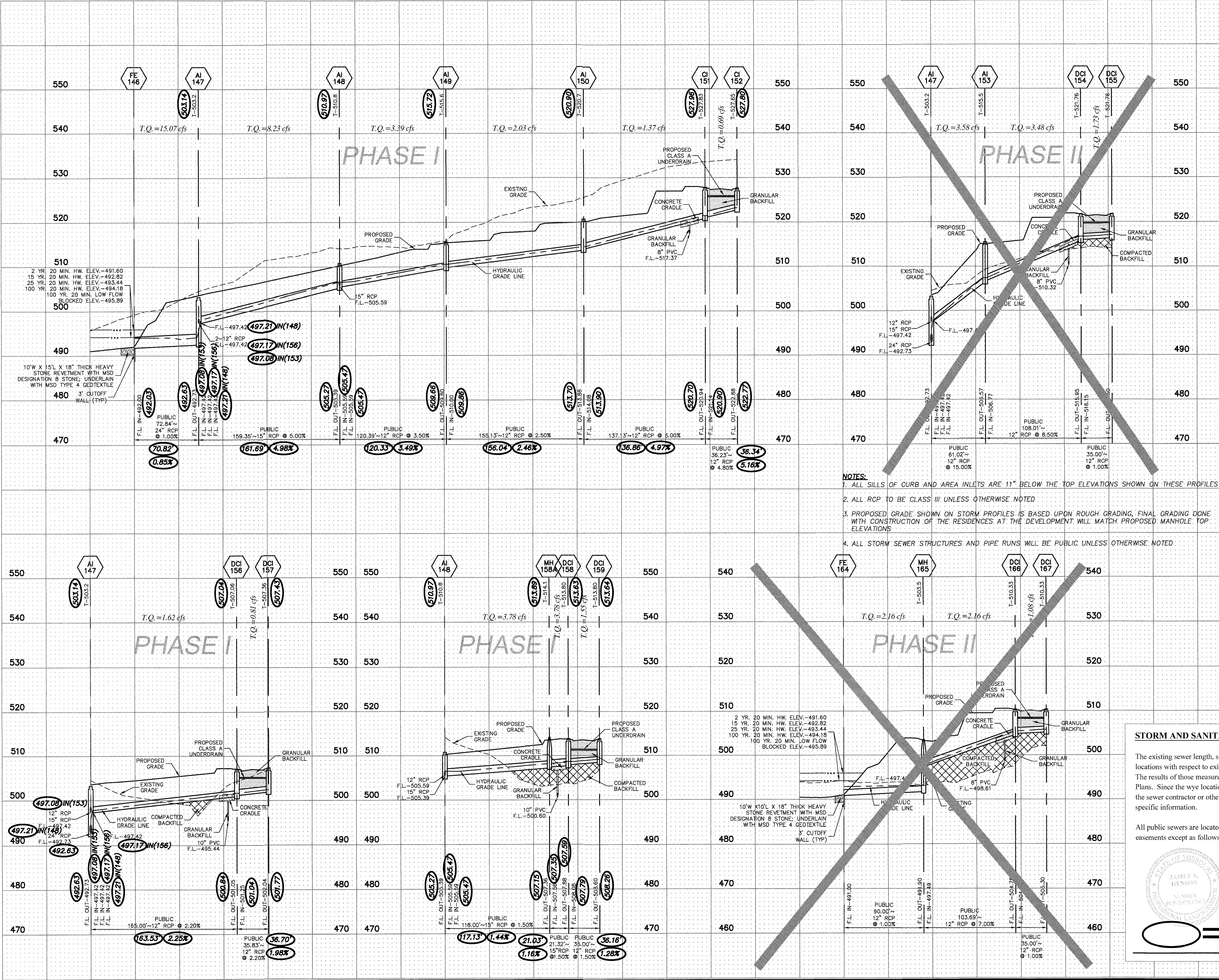
Date: 8/7/2017  
 Michael G. Boerding  
 License No. MO E-28643  
 Civil Engineer

**McBRIDE HYLAND GREEN, LLC**  
 16091 SWINGLEY RIDGE ROAD, SUITE 300  
 CHESTERFIELD, MISSOURI 63017  
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 www.mcbriehomes.com

P+Z No. 29-16.01  
 City No.  
 Date: Aug 7, 2017  
 Job No. 16-08-239

Page No.  
**8.6**  
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ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL



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**THE STERLING COMPANY**  
By *J. Henson* 5-10-18  
Jamey A. Henson  
Mo. Reg. P.L.S. - #2007017963

**AS BUILT**

**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
OF FALLON, MISSOURI

**THE STERLING CO.**  
ENGINEERS & SURVEYORS  
5055 New Baumgartner Road  
St. Louis, Missouri 63129  
Ph 314-487-0440 Fax 314-487-8944  
www.sterling-eng-survey.com  
Corporate Certificate of Authority #001348

Date: 8/7/2017  
Michael G. Boering  
License No. MO E-28643  
Civil Engineer

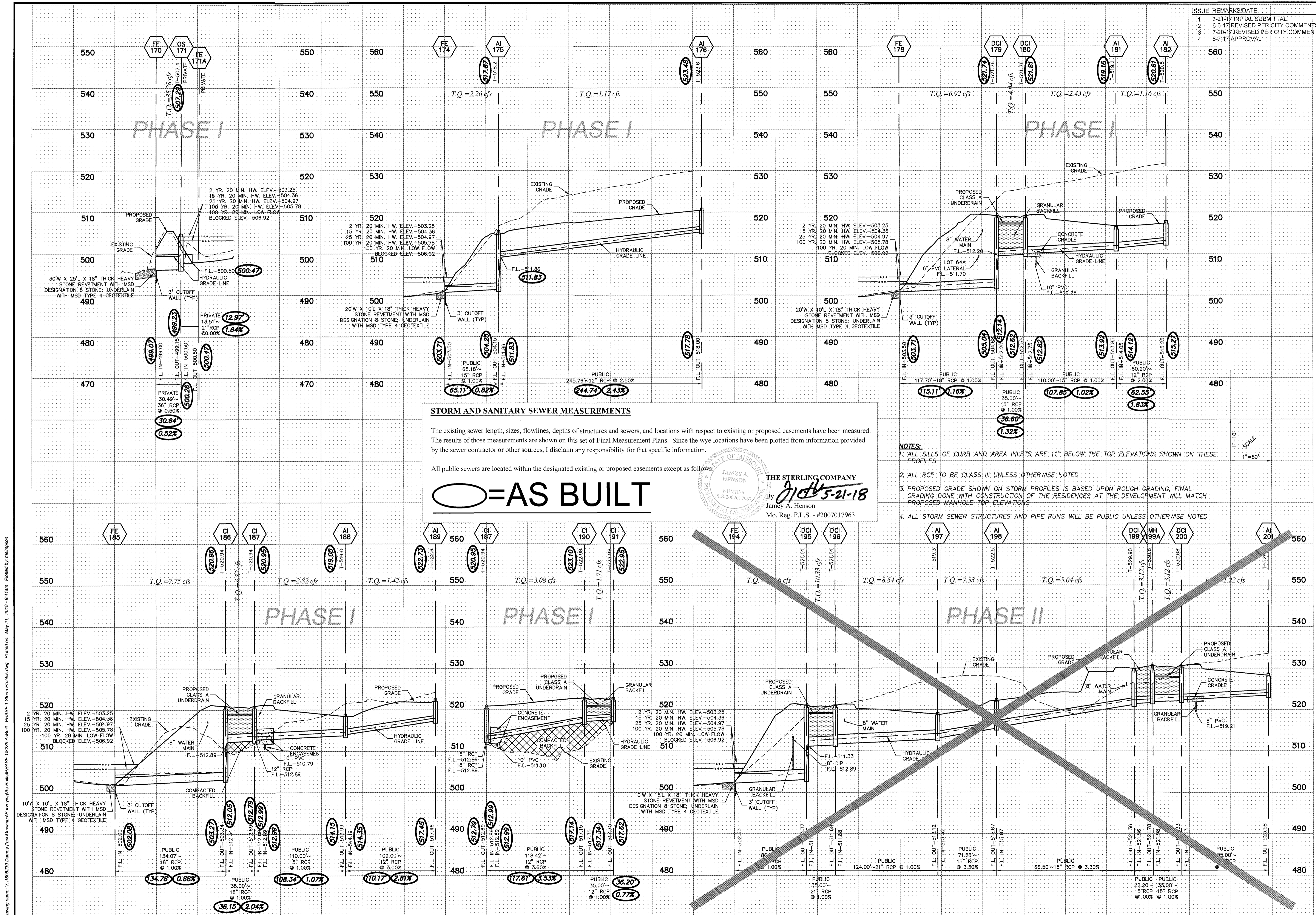
**McBRIDE HYLAND GREEN, LLC**  
16091 SWINGLEY RIDGE ROAD, SUITE 300  
CHESTERFIELD, MISSOURI 63017  
Ph. 636-537-2000  
Fax 636-537-2546  
www.mcbriدهomes.com

P+Z No. 29-16.01  
City No.  
Date: Aug. 7, 2017  
Job No. 16-08-239

Page No.  
**8.7**  
IMP

Drawing name: V11608239 Dames ParkDrawings\Surveying\As-Built\PHASE 1 Storm Profiles.dwg Plotted on: May 06, 2018 - 11:18am Plotted by: mmsimon





ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

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**AS BUILT**

THE STERLING COMPANY  
 By: *J. Henson* 5-21-18  
 Jamey A. Henson  
 Mo. Reg. P.L.S. - #2007017963

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1"=50'

PROJECT TITLE  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
 OF FALLON, MISSOURI

THE **STERLING** CO.  
 ENGINEERS & SURVEYORS  
 5055 New Baumgartner Road  
 St. Louis, Missouri 63129  
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Date: 8/7/2017  
 Michael G. Boering  
 License No. MO E-28643  
 Civil Engineer

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 16091 SWINGLEY RIDGE ROAD, SUITE 300  
 CHESTERFIELD, MISSOURI 63017  
 Ph 636-537-2000  
 Fax 636-537-2546  
 www.mcbridehomes.com

P+Z No. 29-16.01  
 City No.  
 Date: Aug. 7, 2017  
 Job No. 16-08-239  
 Page No.

**8.8**  
 IMP

ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

PROJECT TITLE  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
 OF FALLON, MISSOURI

THE **STERLING** CO.  
 ENGINEERS & SURVEYORS  
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 St. Louis, Missouri 63129  
 Ph 314-487-0440 Fax 314-487-8944  
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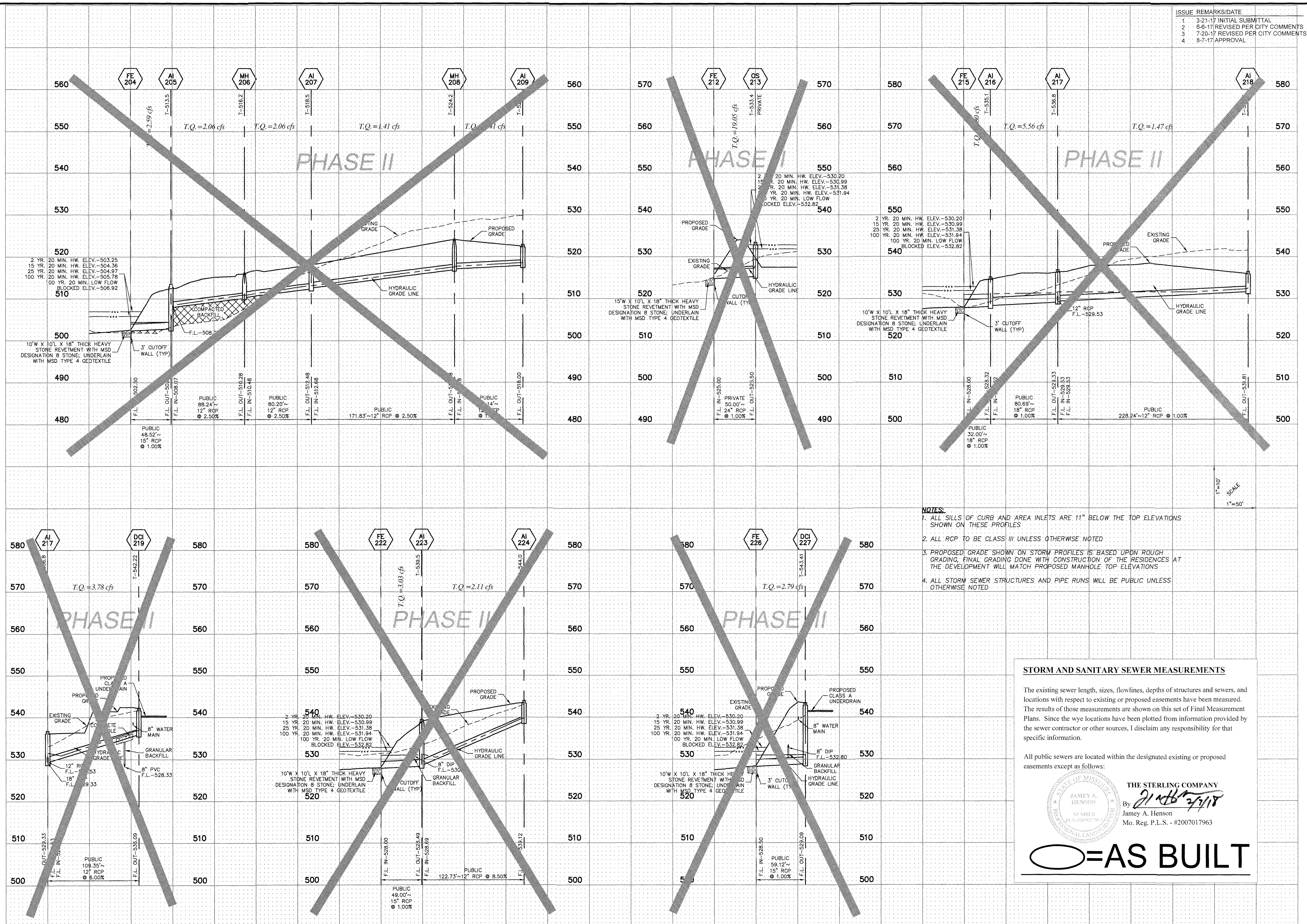
Date: 8/7/2017  
 Michael G. Boering  
 License No. MO E-28643  
 Civil Engineer

McBRIDE HYLAND GREEN, LLC  
 16091 SWINGLEY RIDGE ROAD, SUITE 300  
 CHESTERFIELD, MISSOURI 63017  
 Ph 636-537-2000  
 Fax 636-537-2546  
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STORM SEWER PROFILES

P+Z No. 29-16.01  
 City No.  
 Date: Aug. 7, 2017  
 Job No. 16-08-239

Page No.  
**8.9**  
 IMP



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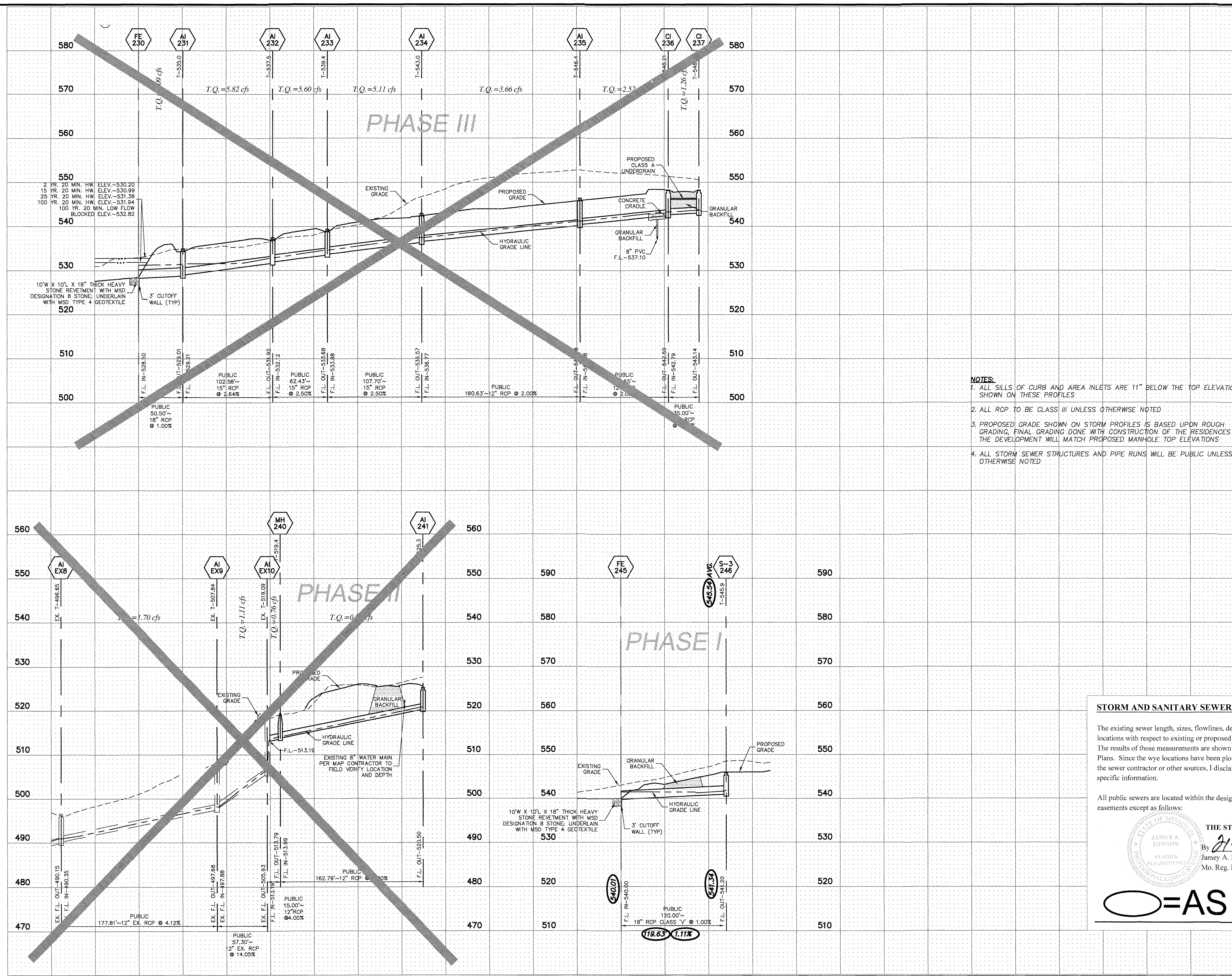
All public sewers are located within the designated existing or proposed easements except as follows:

THE **STERLING** COMPANY  
 By *Jamie A. Henson*  
 Jamie A. Henson  
 Mo. Reg. P.L.S. - #2007017963

**AS BUILT**

Drawing name: V:\1608239-Dames & Moore\Drawings\Storm\Profile\PHASE I\SEWERPROFILES.dwg Printed on: Jan 05, 2018 9:46am Plotted by: mstimpson

Drawing name: V:\1608230 Dames Park Drawings\Surveying\AsBuilt\PHASE I SEWER\SS239 AsBuilt - PHASE I Storm Profiles.dwg Plotted on: Jan 04, 2018 - 8:51am Plotted by: mrsmpson



ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
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SCALE

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By *J. A. Henson*  
Jamey A. Henson  
Mo. Reg. P.L.S. - #2007017963

**AS BUILT**

**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
OF FALLON, MISSOURI

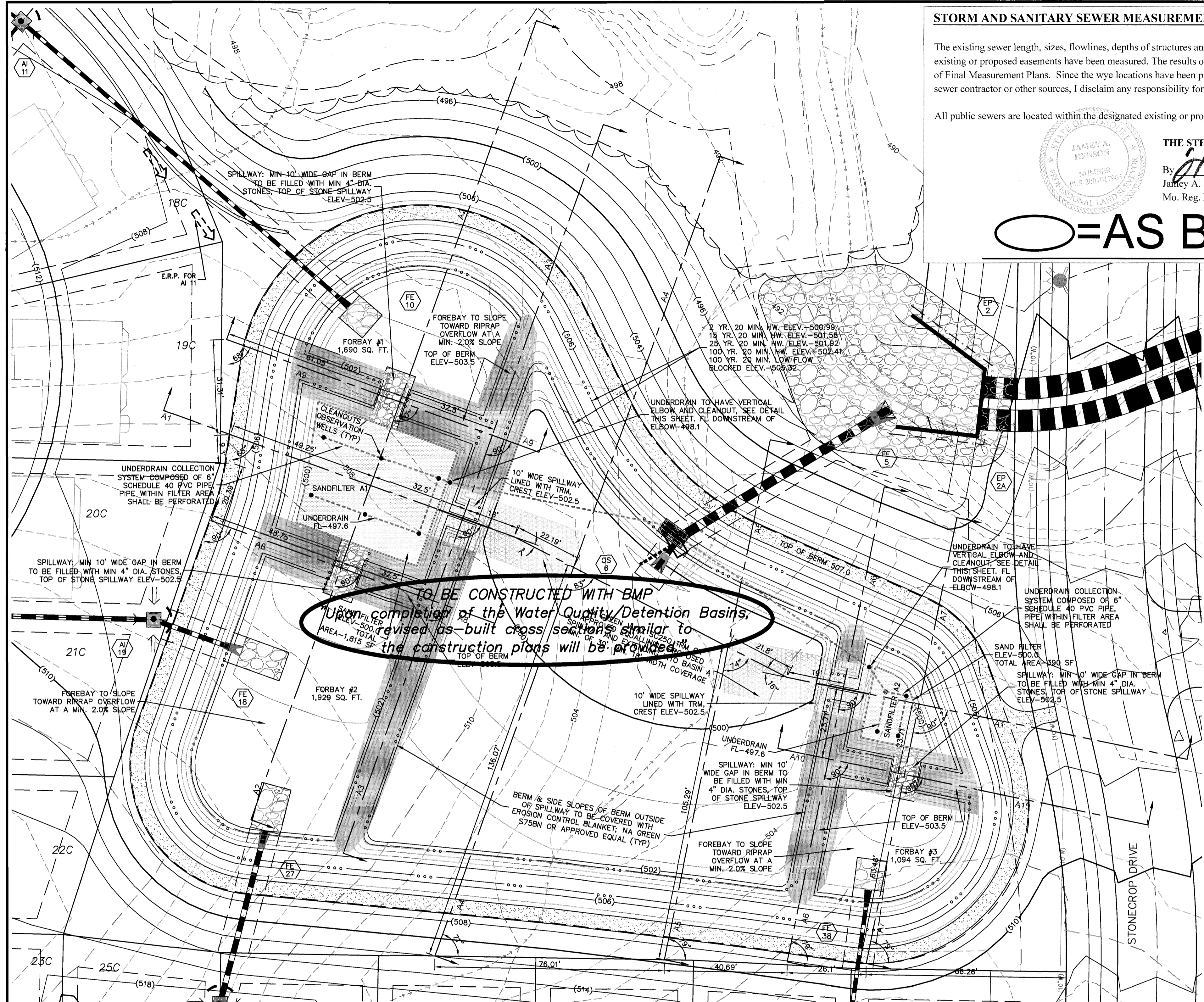
**THE STERLING CO.**  
**ENGINEERS & SURVEYORS**  
5055 New Baumgartner Road  
St. Louis, Missouri 63129  
Ph. 314-487-0440 Fax 314-487-6944  
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Corporate Certificate of Authority #001348

Date: 8/7/2017  
Michael G. Boarding  
License No. MO E-28643  
Civil Engineer

**McBRIDE HYLAND GREEN, LLC**  
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CHESTERFIELD, MISSOURI 63017  
Ph. 636-637-2000  
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www.mcbridehomes.com

**STORM SEWER PROFILES**

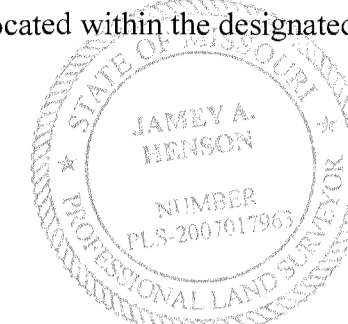
P+Z No. 29-16.01  
City No.  
Date: Aug. 7, 2017  
Job No. 16-08-239  
Page No.  
**8.10**  
IMP



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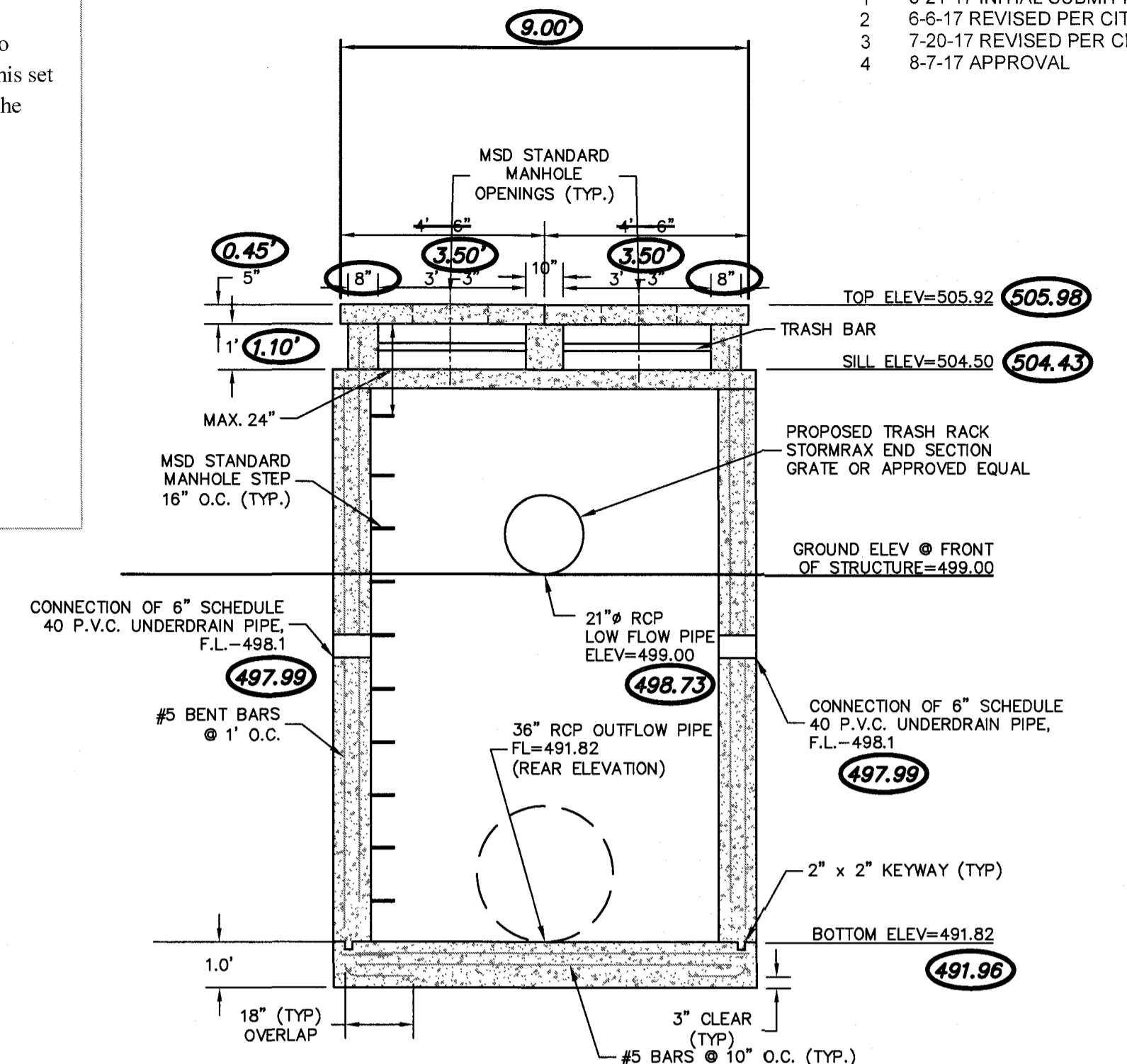


THE STERLING COMPANY  
 By *JAH* 5-21-18  
 James A. Henson  
 Mo. Reg. P.L.S. - #2007017963

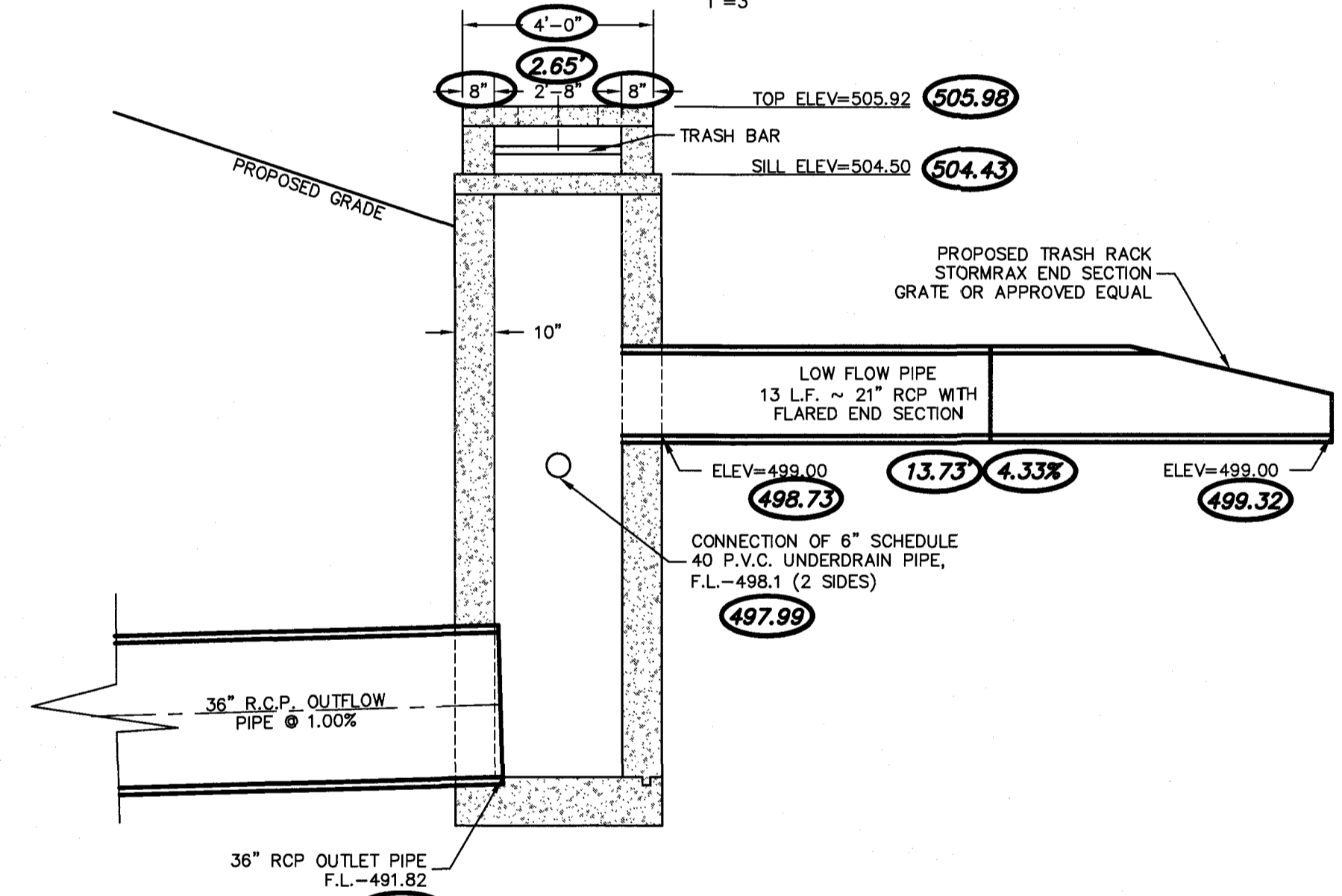
**○=AS BUILT**

**TO BE CONSTRUCTED WITH BMP**  
 Upon completion of the Water Quality Detention Basins,  
 the revised as-built cross sections similar to  
 the construction plans will be provided.

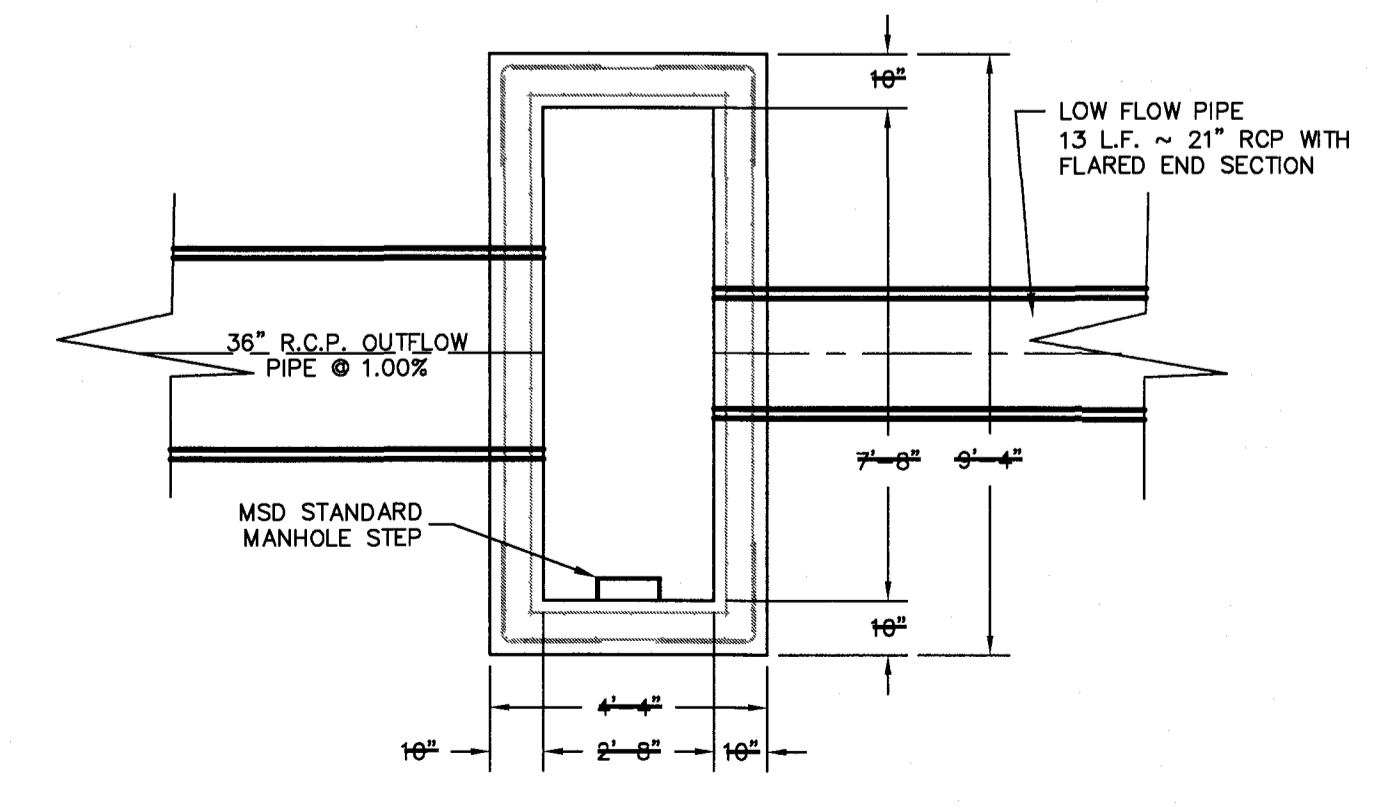
ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
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3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL



**OUTFALL STRUCTURE #6 (BASIN 'A')  
FRONT VIEW**  
1"=3"

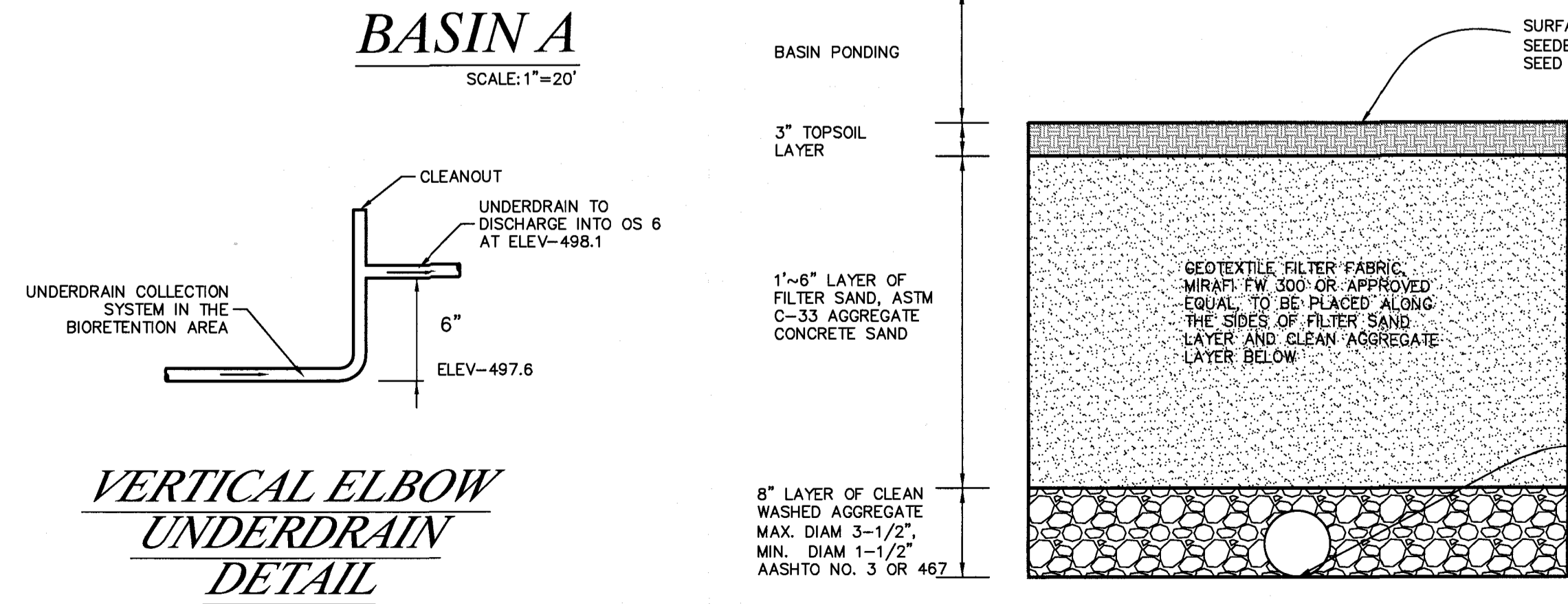


**OUTFALL STRUCTURE #6 (BASIN 'A')  
SIDE VIEW**  
1"=3"

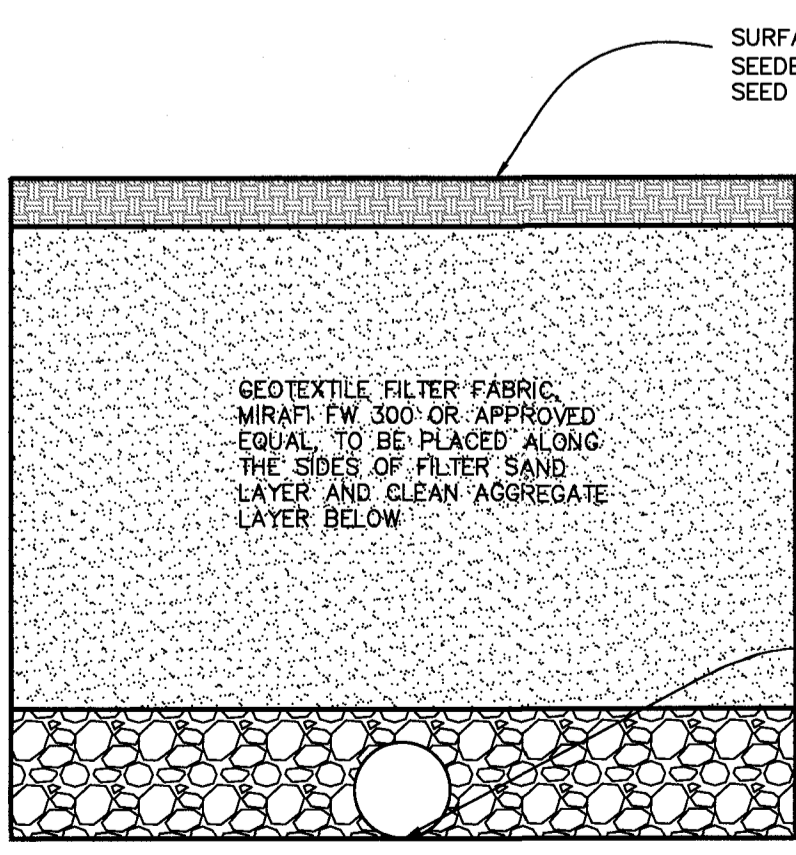


**OUTFALL STRUCTURE #6 (BASIN 'A')  
PLAN VIEW**  
1"=3"

**BASIN A**  
SCALE: 1"=20'



**VERTICAL ELBOW  
UNDERDRAIN  
DETAIL**



**TYPICAL SECTION SAND FILTER**  
N.T.S.

PROJECT TITLE  
**PHASE 1  
 COBBLESTONE  
 CROSSING**  
 OF FALLON, MISSOURI

THE **STERLING** CO.  
 ENGINEERS & SURVEYORS  
 5055 New Baumgartner Road  
 St. Louis, Missouri 63129  
 Ph. 314-467-0440 Fax 314-467-8944  
 www.sterling-eng-survey.com  
 Corporate Certificate of Authority #001346

Date: 8/7/2017  
 Michael G. Boerding  
 License No. MO E-28643  
 Civil Engineer

**McBRIDE HYLAND GREEN, LLC**  
 16091 SWINGLEY RIDGE ROAD, SUITE 300  
 CHESTERFIELD, MISSOURI 63017  
 Ph. 636-537-2000  
 Fax 636-537-2546  
 www.mcbriدهomes.com

P+Z No. 29-16.01  
 City No.  
 Date: Aug. 7, 2017  
 Job No. 16-08-239  
 Page No.

ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

PROJECT TITLE  
**PHASE 1  
COBBLESTONE  
CROSSING**  
OFF FALLON, MISSOURI

THE **STERLING** CO.  
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5055 New Baumgartner Road  
St. Louis, Missouri 63129  
Ph 314-467-0440 Fax 314-467-8944  
www.sterling-eng-sur.com  
Corporate Certificate of Authority #001348

Date: 8/7/2017  
Michael G. Boerding  
License No. MO E-28643  
Civil Engineer

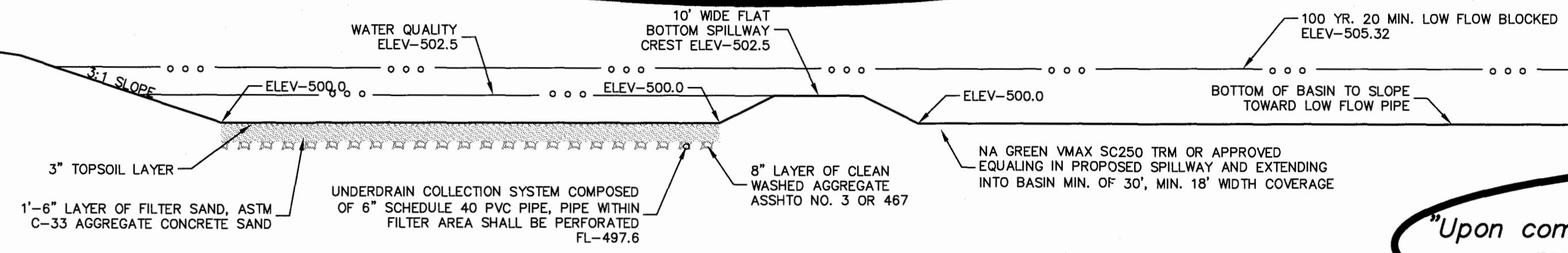
**McBRIDE HYLAND GREEN, LLC**  
16091 SWINGLEY RIDGE ROAD, SUITE 300  
CHESTERFIELD, MISSOURI 63017  
Ph. 636-537-2000  
Fax 636-537-2546  
www.mchidrehome.com

P+Z No. 29-16.01  
City No.  
Date: Aug. 7, 2017  
Job No. 16-08-239

Page No.  
**10.2**

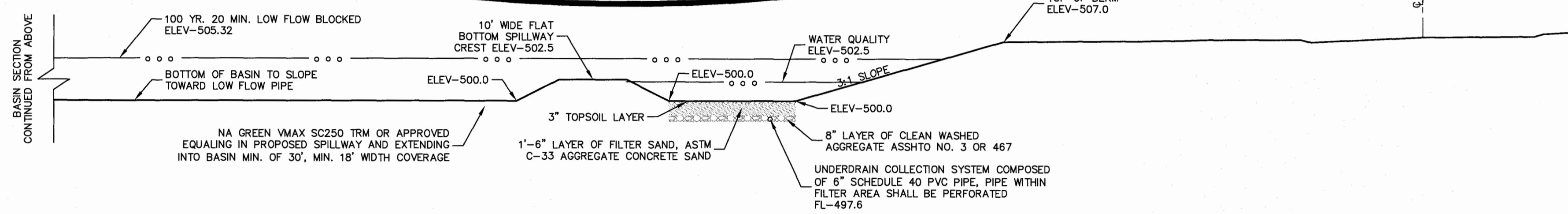
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**TO BE CONSTRUCTED WITH BMP**  
"Upon completion of the Water Quality/Detention Basins, revised as-built cross sections similar to the construction plans will be provided."



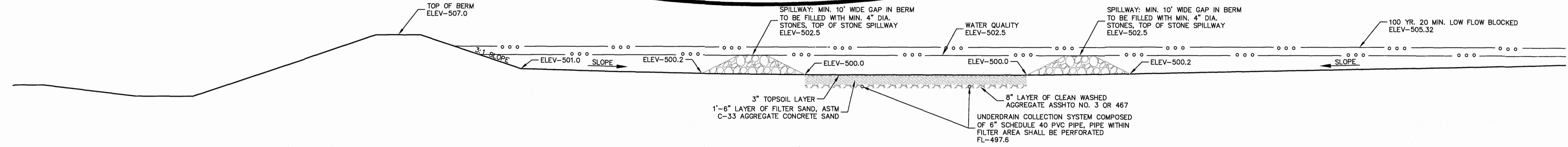
**SECTION A1-A1**  
SCALE: 1"=10'

**TO BE CONSTRUCTED WITH BMP**  
"Upon completion of the Water Quality/Detention Basins, revised as-built cross sections similar to the construction plans will be provided."



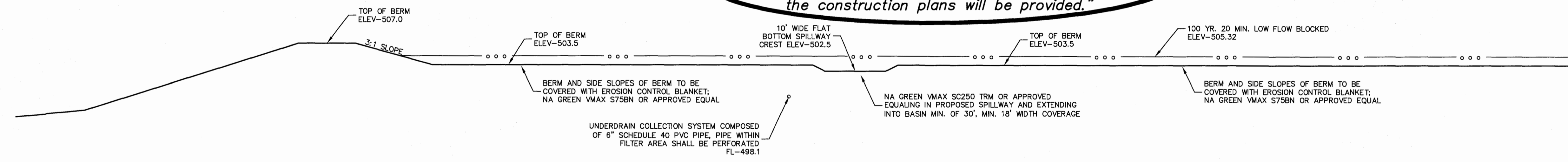
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**TO BE CONSTRUCTED WITH BMP**  
"Upon completion of the Water Quality/Detention Basins, revised as-built cross sections similar to the construction plans will be provided."



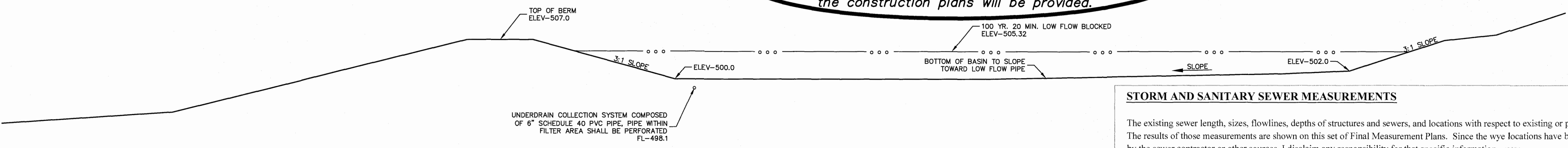
**SECTION A2-A2**  
SCALE: 1"=10'

**TO BE CONSTRUCTED WITH BMP**  
"Upon completion of the Water Quality/Detention Basins, revised as-built cross sections similar to the construction plans will be provided."



**SECTION A3-A3**  
SCALE: 1"=10'

**TO BE CONSTRUCTED WITH BMP**  
"Upon completion of the Water Quality/Detention Basins, revised as-built cross sections similar to the construction plans will be provided."



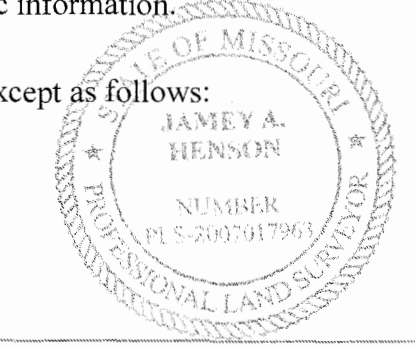
**SECTION A4-A4**  
SCALE: 1"=10'

**STORM AND SANITARY 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 those measurements are shown on this set of Final Measurement Plans. Since the wye locations have been plotted from information 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:

**○ = AS BUILT**



THE STERLING COMPANY  
By: *[Signature]*  
James A. Henson  
Mo. Reg. P.L.S. - #2007017963

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ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

PROJECT TITLE  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
OF FALLON, MISSOURI

**THE STERLING CO.**  
**ENGINEERS & SURVEYORS**  
 5055 New Baumgartner Road  
 St. Louis, Missouri 63126  
 Ph 314-487-0440 Fax 314-487-8944  
 www.sterling-eng-sur.com  
 Corporate Certificate of Authority #001348

The Professional Engineer's seal and signature are placed on this sheet solely for the protection of the public and are not to be used for any other purpose. All drawings, measurements, or other documents are prepared by the engineer, and the engineer's signature and seal are required for each sheet. The engineer is not responsible for any errors or omissions on drawings not bearing his seal and signature.

Date: 8/7/2017  
 Michael G. Boerding  
 License No. MO E-28643  
 Civil Engineer

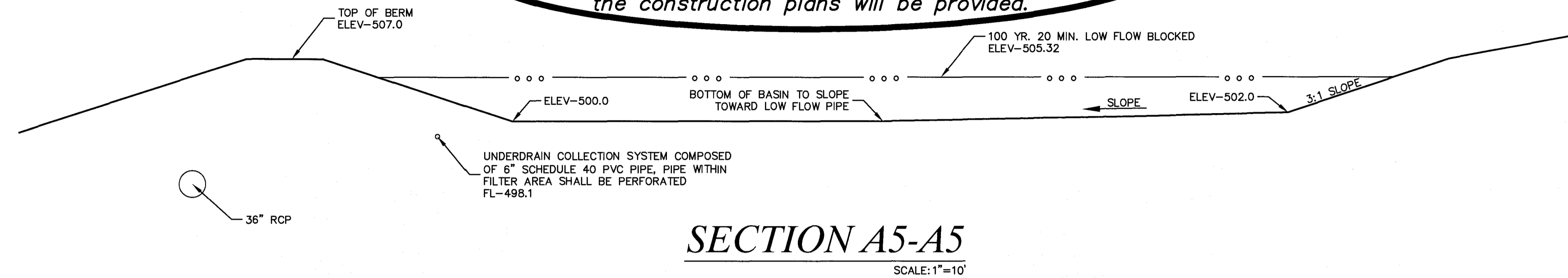
**McBRIDE HYLAND GREEN, LLC**  
 16091 SWINGLEY RIDGE ROAD, SUITE 300  
 CHESTERFIELD, MISSOURI 63017  
 Ph. 636-537-2000  
 Fax 636-537-2546  
 www.mcbridehomes.com

**BASIN A**

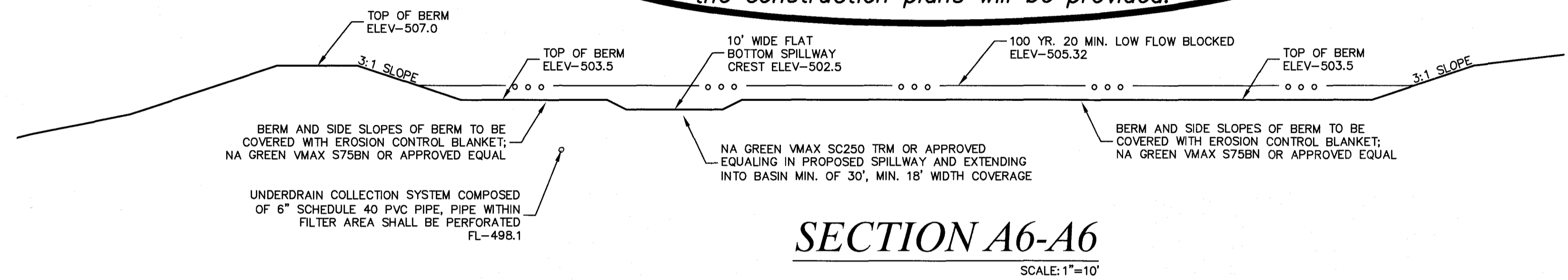
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 City No.  
 Date: Aug. 7, 2017  
 Job No. 16-08-239

Page No.  
**10.3**  
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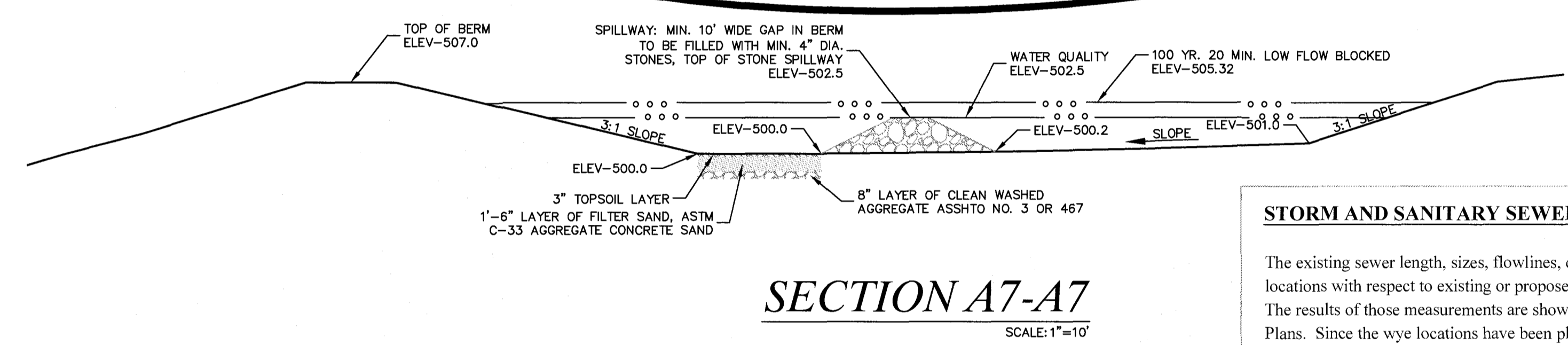
**TO BE CONSTRUCTED WITH BMP**  
*"Upon completion of the Water Quality/Detention Basins, revised as-built cross sections similar to the construction plans will be provided."*



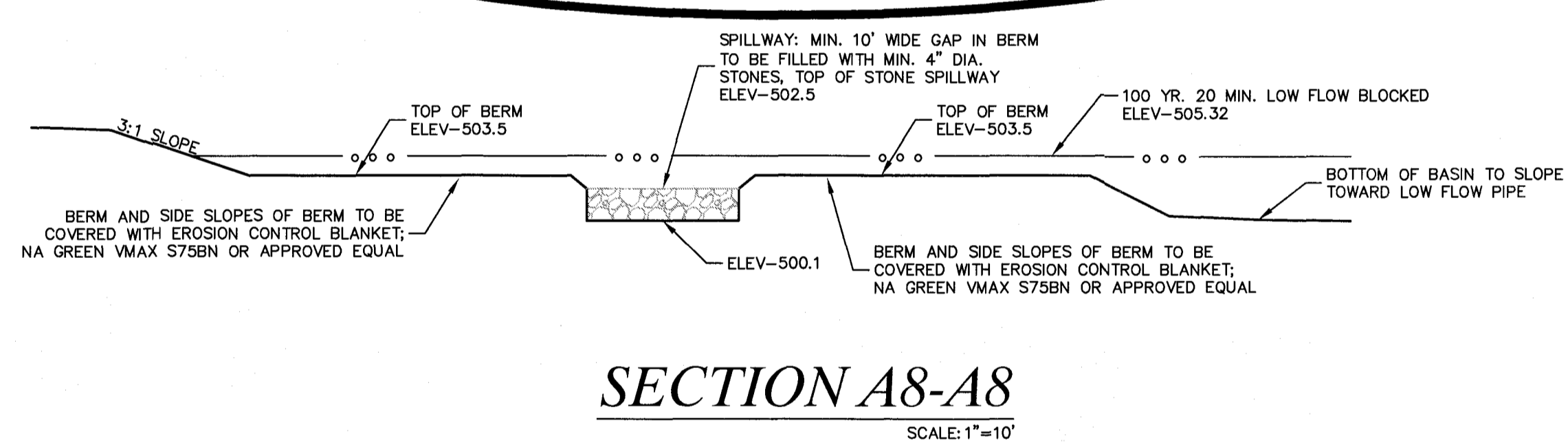
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**TO BE CONSTRUCTED WITH BMP**  
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**STORM AND SANITARY SEWER MEASUREMENTS**

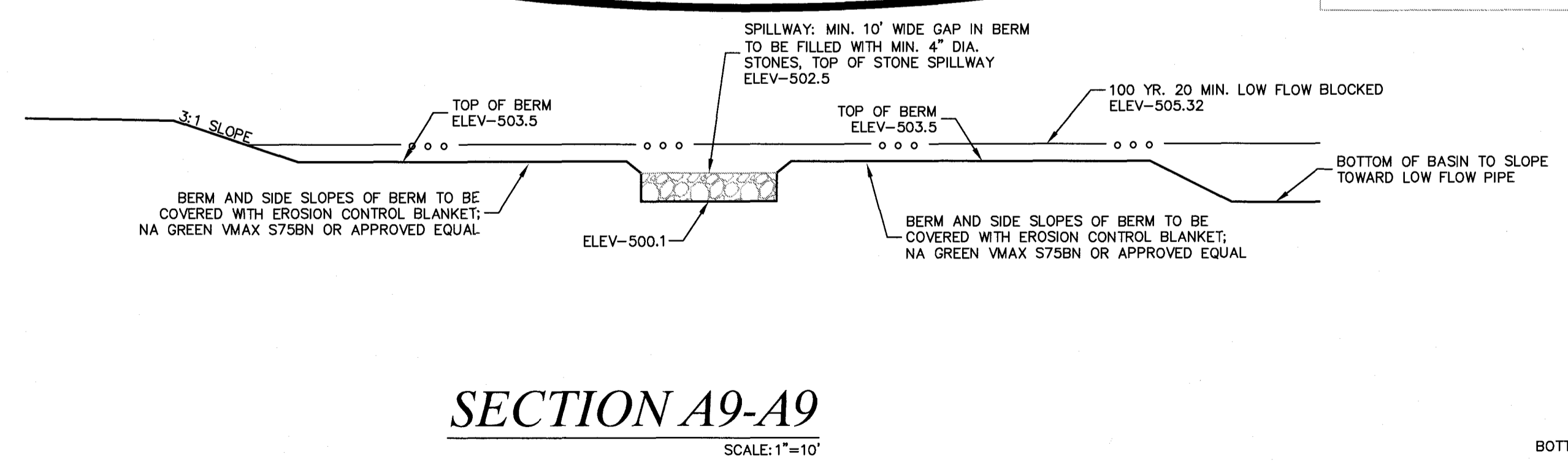
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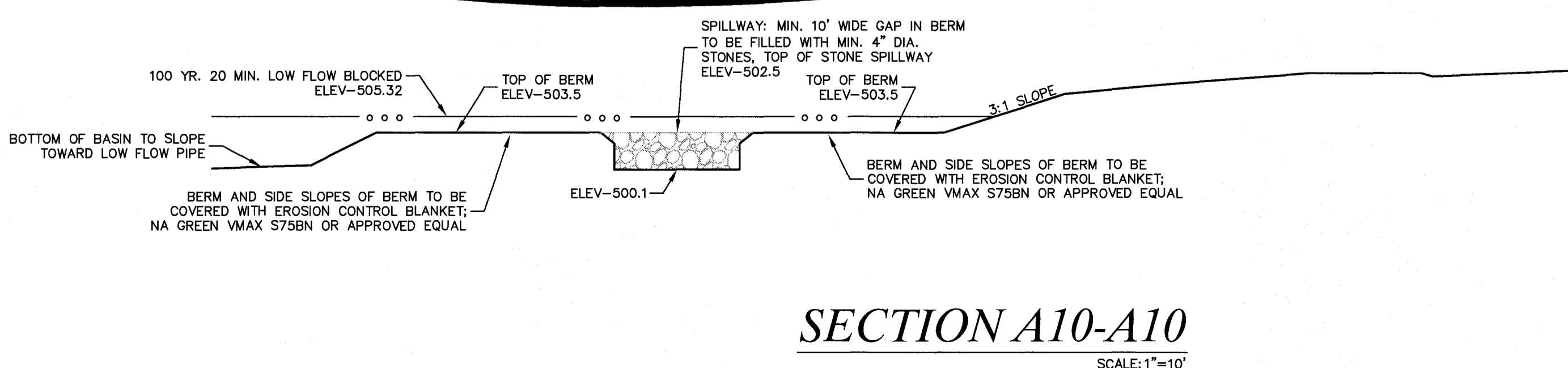
**THE STERLING COMPANY**  
 By *[Signature]*  
 James A. Henson  
 Mo. Reg. P.L.S. - #2007017963

**○ = AS BUILT**

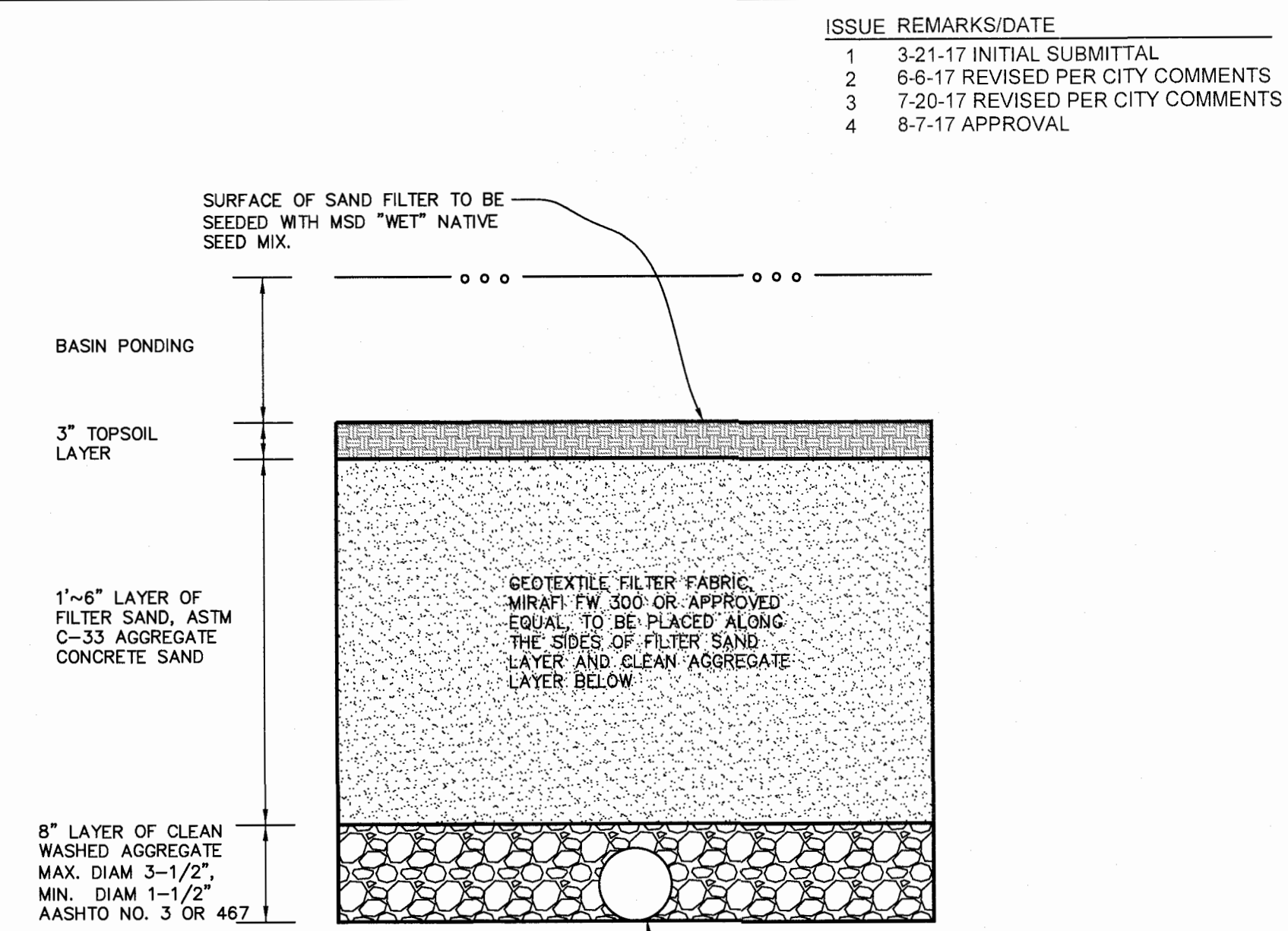
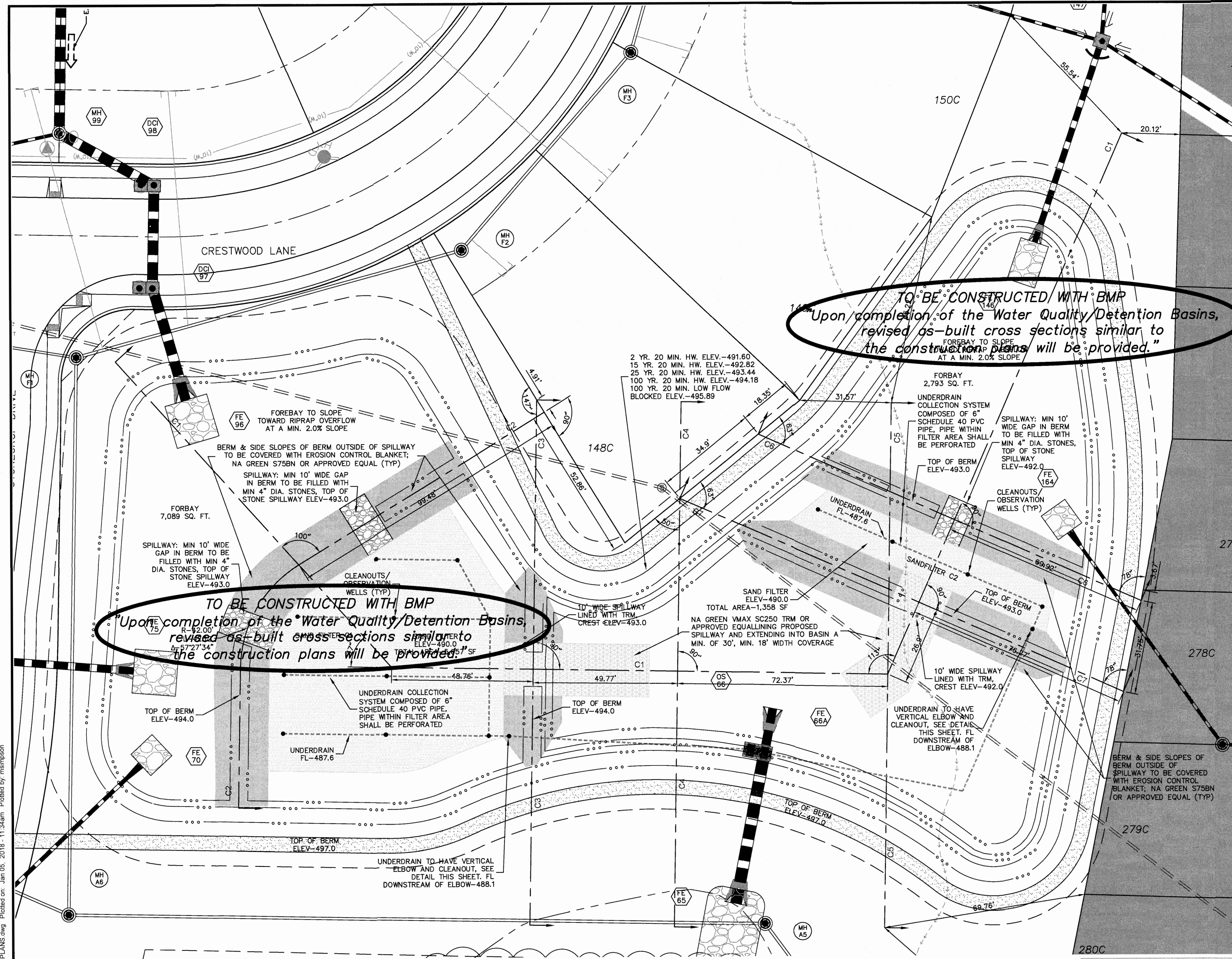
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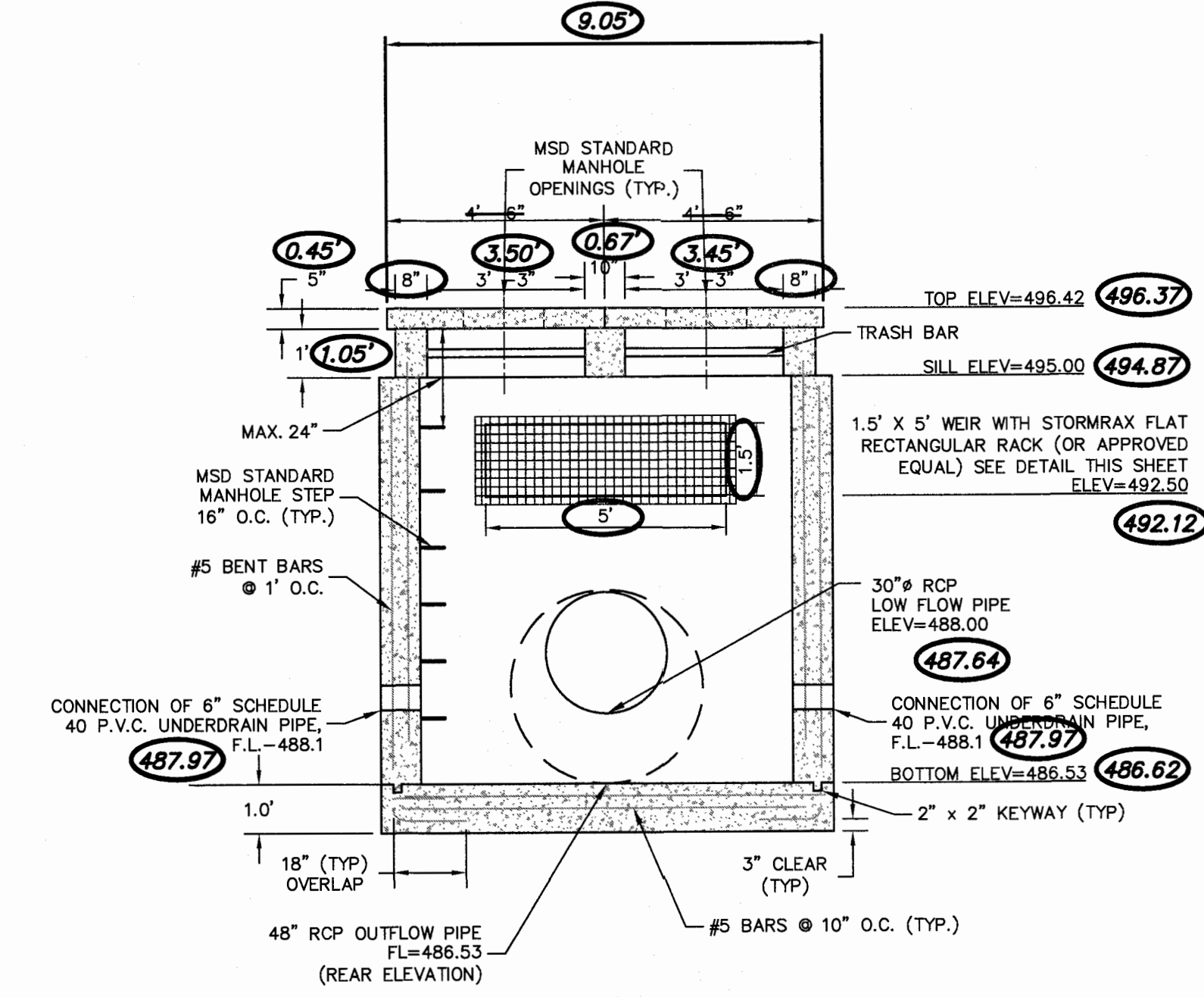
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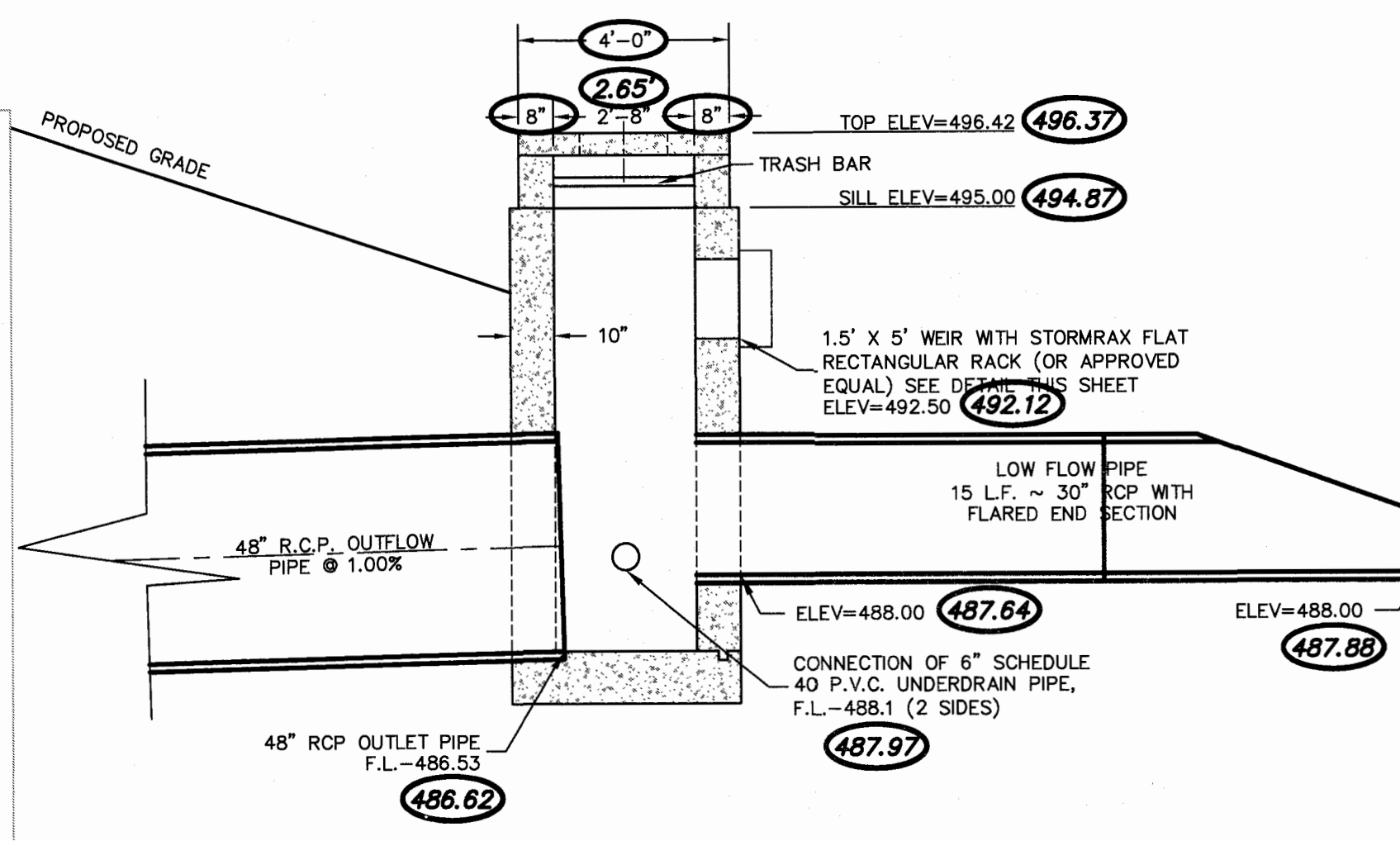
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TYPICAL SECTION SAND FILTER  
N.T.S.

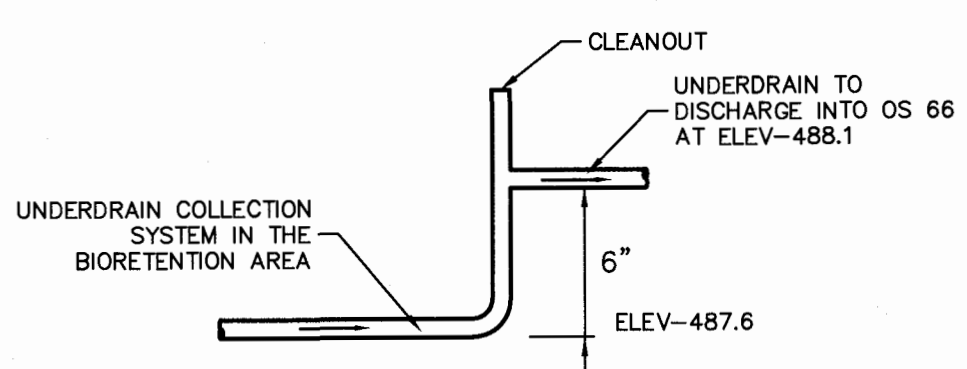


OUTFALL STRUCTURE #66 (BASIN 'C')  
FRONT VIEW

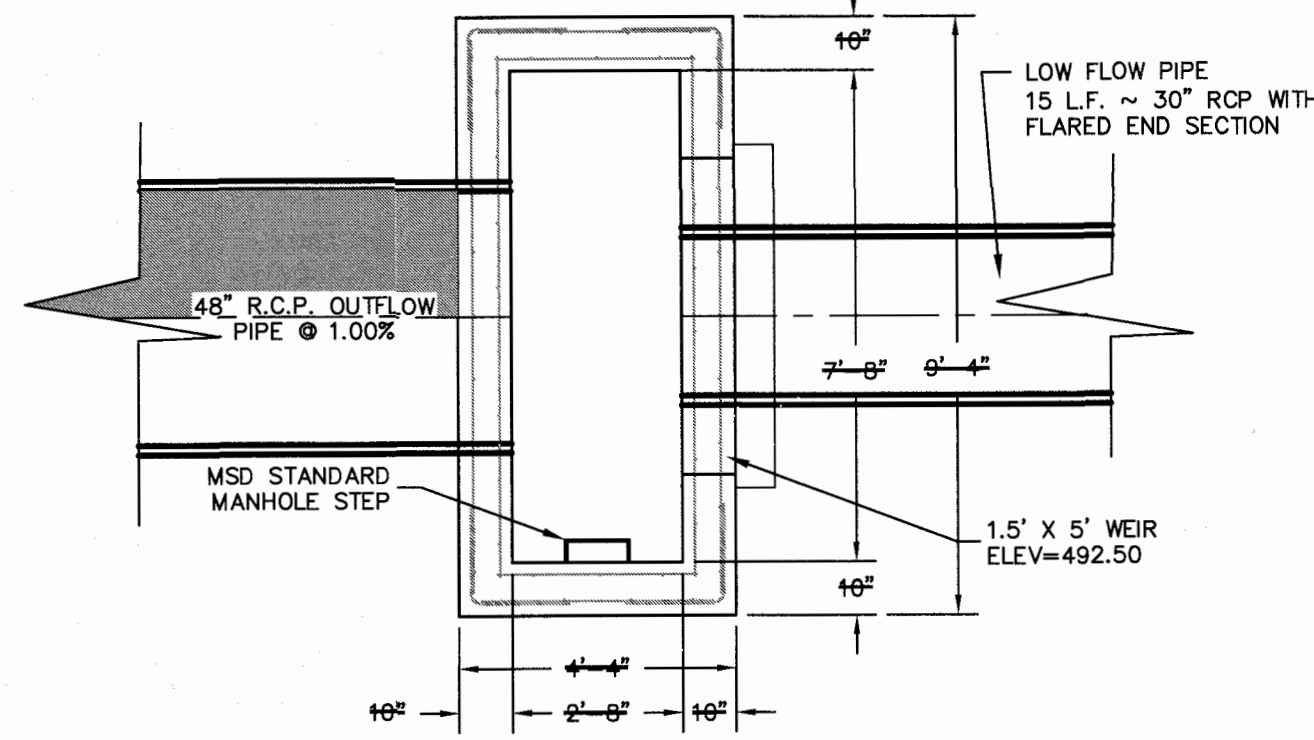


OUTFALL STRUCTURE #66 (BASIN 'C')  
SIDE VIEW

BASIN C  
SCALE: 1"=20'



VERTICAL ELBOW  
UNDERDRAIN  
DETAIL



OUTFALL STRUCTURE #66 (BASIN 'C')  
PLAN VIEW

STORM AND SANITARY SEWER  
MEASUREMENTS

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

THE STERLING COMPANY  
By *J. A. Henson*  
Jamey A. Henson  
Mo. Reg. P.L.S. - #2007017963

**AS BUILT**

ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

PROJECT TITLE  
**PHASE 1  
COBBLESTONE  
CROSSING**  
OFFALLON, MISSOURI

THE **STERLING** CO.  
ENGINEERS & SURVEYORS  
5055 New Baumgartner Road  
St. Louis, Missouri 63129  
Ph 314-487-0440 Fax 314-487-8944  
www.sterling-eng-survey.com  
Corporate Certificate of Authority #0011948

Date: 8/7/2017  
Michael G. Boering  
License No. MO E-28643  
Civil Engineer

McBRIDE HYLAND GREEN, LLC  
16091 SWINGLEY RIDGE ROAD, SUITE 300  
CHESTERFIELD, MISSOURI 63017  
Ph: 636-537-2000  
Fax: 636-537-2546  
www.mcbridehomes.com

P+Z No. 29-16.01  
City No. \_\_\_\_\_  
Date: Aug. 7, 2017  
Job No. 16-08-239  
Page No. \_\_\_\_\_

ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-8-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

PROJECT TITLE  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
OFF FALLON, MISSOURI

THE **STERLING** CO.  
**ENGINEERS & SURVEYORS**  
5055 New Baumgardner Road  
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 Ph. 314-487-0040 Fax 314-487-8944  
 www.sterling-eng-survey.com  
 Corporate Certificate of Authority #001348

The Professional Engineer's seal and signature shall be in the sheet copies only to the extent the name shown on the sheet. All drawings, measurements or other requirements not including the seal and signature shall not be considered approved by this engineer and the engineer's signature shall be void and all drawings, measurements or other requirements not including the seal and signature shall be void.

Date: 8/7/2017  
 Michael G. Boerding  
 License No. MO E-28643  
 Civil Engineer

**McBRIDE HYLAND GREEN, LLC**  
 16091 SWINGLEY RIDGE ROAD, SUITE 300  
 CHESTERFIELD, MISSOURI 63017  
 Ph. 636-537-2000  
 Fax 636-537-2546  
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P+Z No. 29-16.01  
 City No.  
 Date: Aug. 7, 2017  
 Job No. 16-08-239

Page No.  
**10.7**

IMP

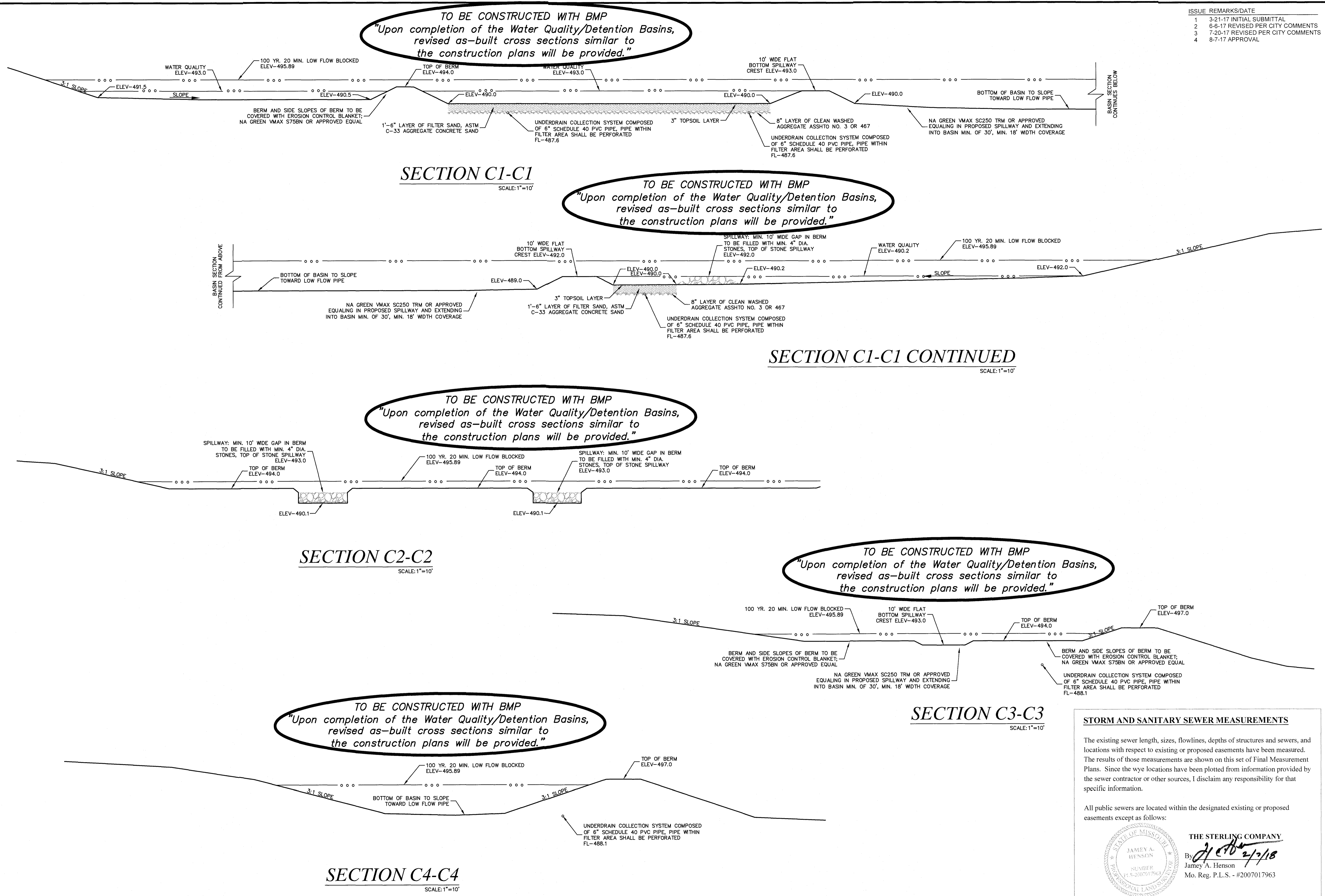
**TO BE CONSTRUCTED WITH BMP**  
*"Upon completion of the Water Quality/Detention Basins, revised as-built cross sections similar to the construction plans will be provided."*

**TO BE CONSTRUCTED WITH BMP**  
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**THE STERLING COMPANY**  
 By: *J. A. Henson* 8/7/18  
 Jamey A. Henson  
 Mo. Reg. P.L.S. - #2007017963

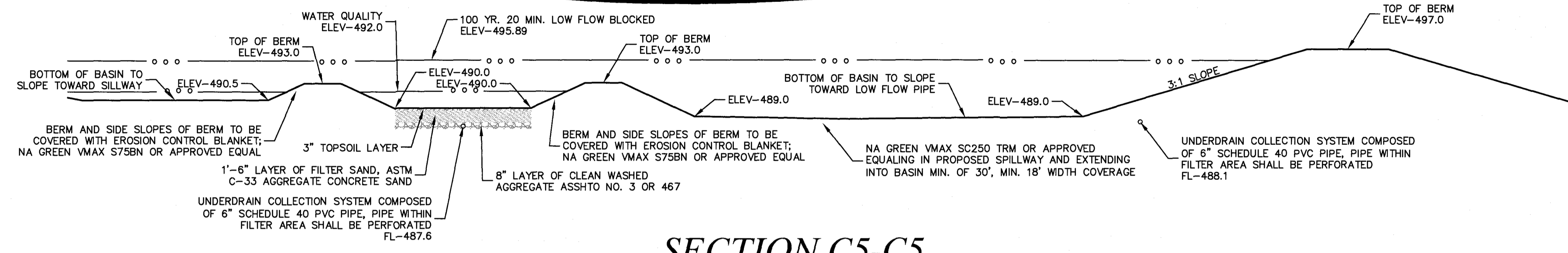
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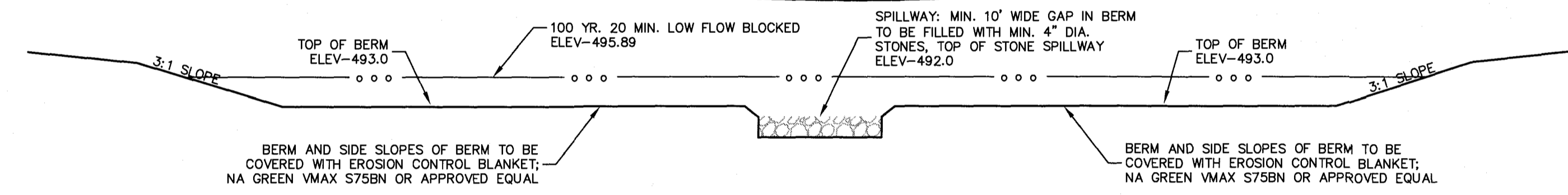
ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
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4	8-7-17 APPROVAL

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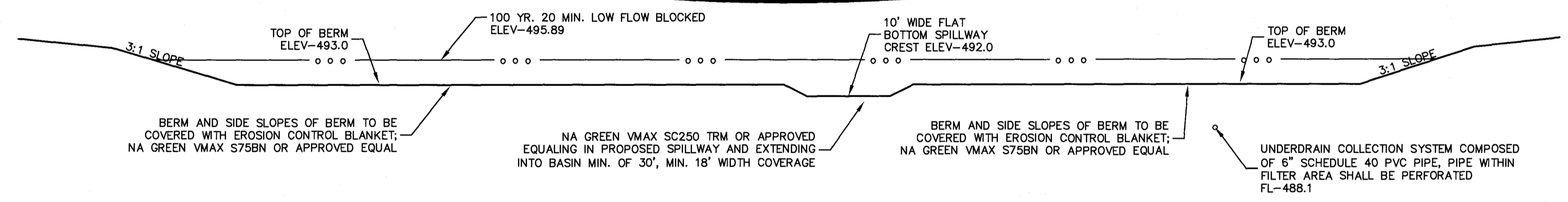
**SECTION C5-C5**  
 SCALE: 1"=10'

**TO BE CONSTRUCTED WITH BMP**  
 "Upon completion of the Water Quality/Detention Basins, revised as-built cross sections similar to the construction plans will be provided."



**SECTION C6-C6**  
 SCALE: 1"=10'

**TO BE CONSTRUCTED WITH BMP**  
 "Upon completion of the Water Quality/Detention Basins, revised as-built cross sections similar to the construction plans will be provided."



**SECTION C7-C7**  
 SCALE: 1"=10'

**STORM AND SANITARY SEWER MEASUREMENTS**

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THE STERLING COMPANY  
 By *J. A. Henson* 2/2/18  
 JAMEY A. HENSON  
 NUMBER PLS-2017017963  
 Mo. Reg. P.L.S. - #2007017963

**AS BUILT**

PROJECT TITLE  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
 OF FALLON, MISSOURI

THE **STERLING** CO.  
 ENGINEERS & SURVEYORS  
 5055 New Baumgartner Road  
 St. Louis, MO 63112  
 Ph 314-877-1000 Fax 314-487-8944  
 www.sterling-eng-surr.com  
 Corporate Certificate of Authority #001348

Date: 8/7/2017  
 Michael G. Boerding  
 License No. MO E-28843  
 Civil Engineer

**McBRIDE HYLAND GREEN, LLC**  
 16091 SWINGLEY RIDGE ROAD, SUITE 300  
 CHESTERFIELD, MISSOURI 63017  
 Ph. 636-537-2000  
 Fax 636-537-2546  
 www.mcbridehomes.com

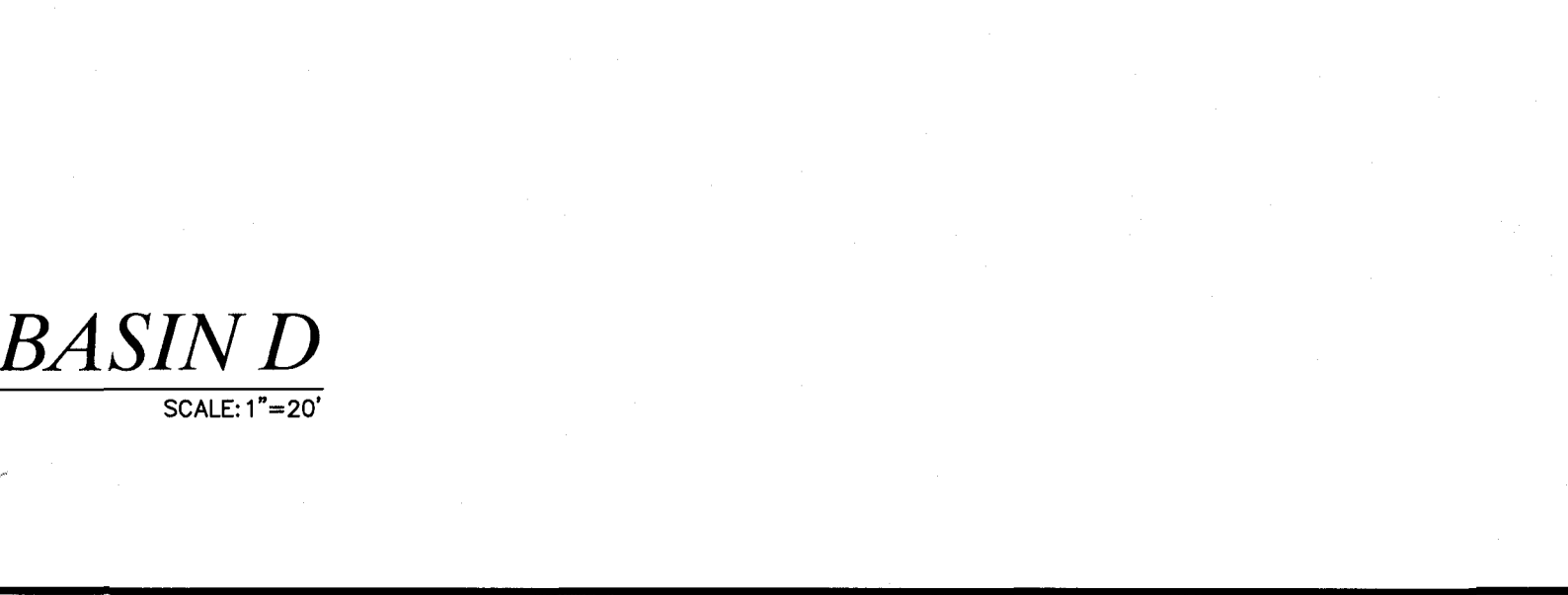
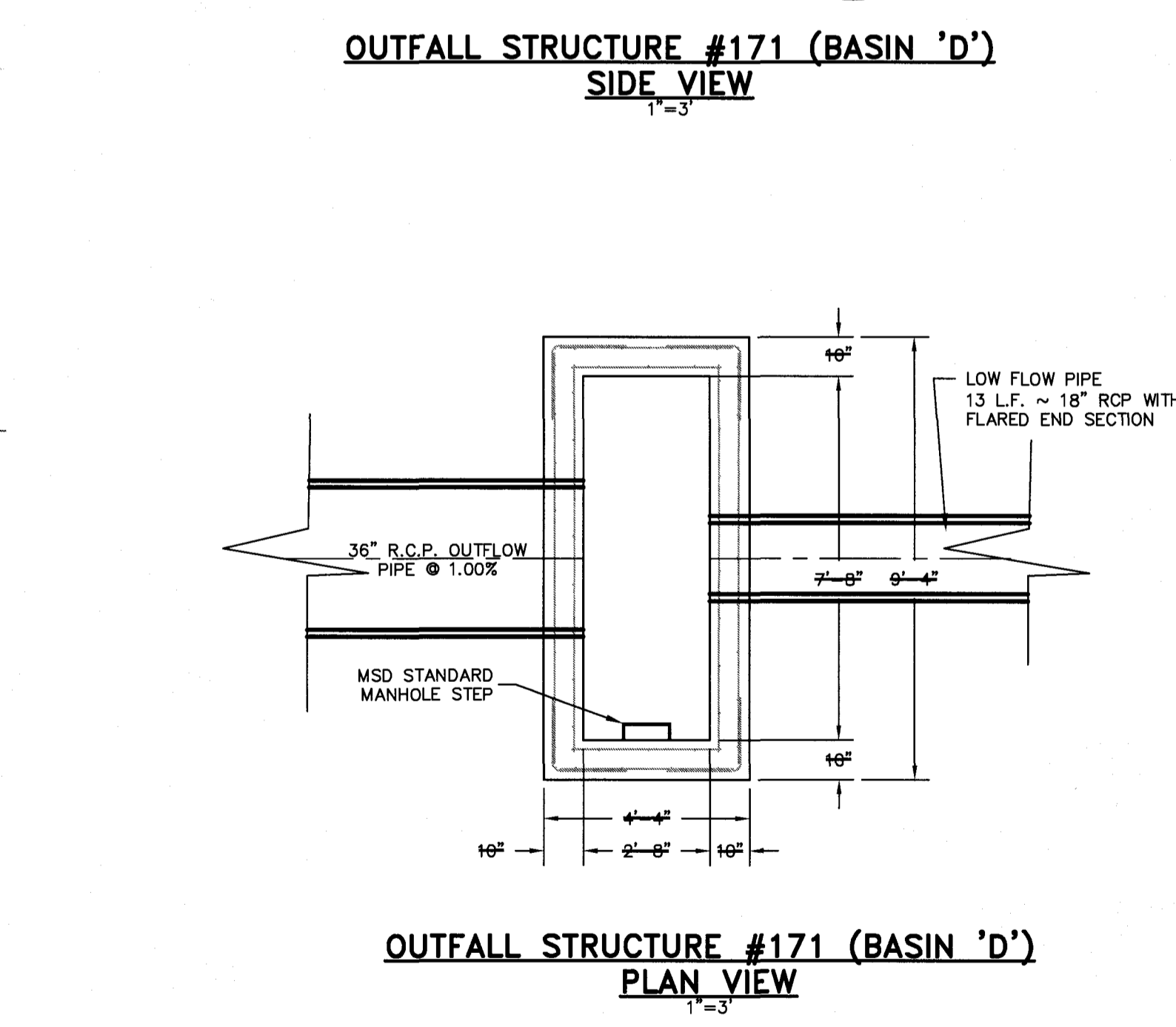
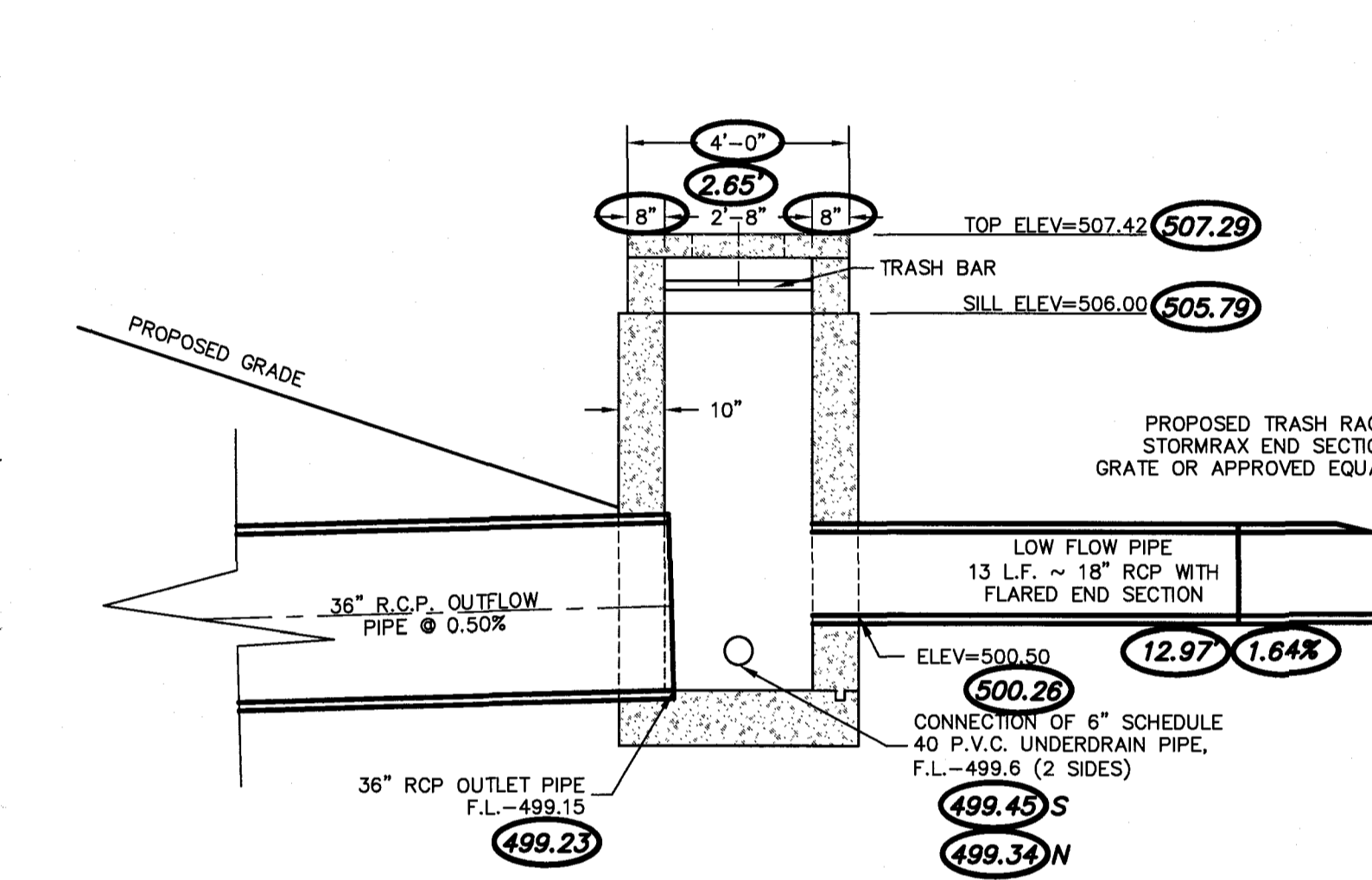
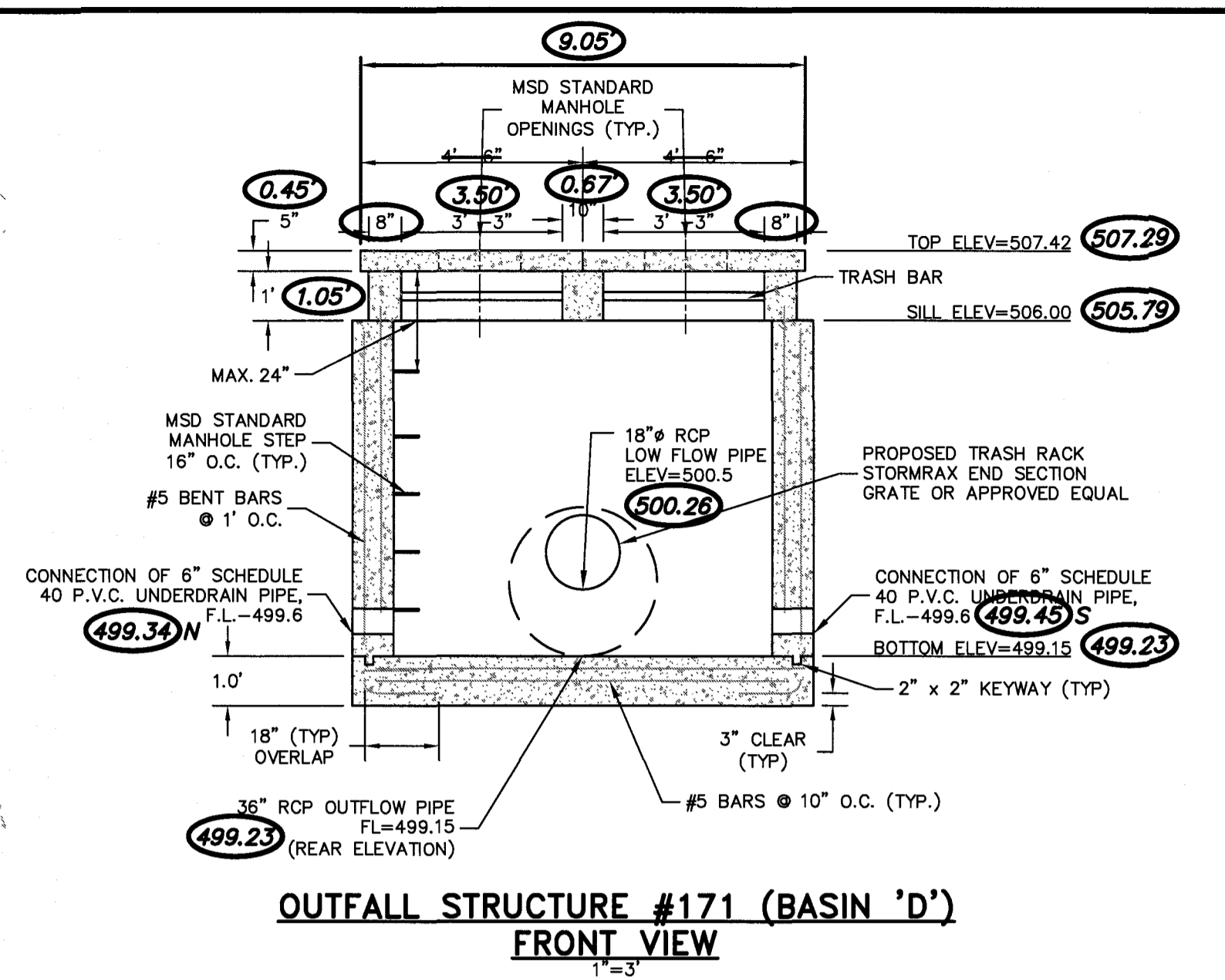
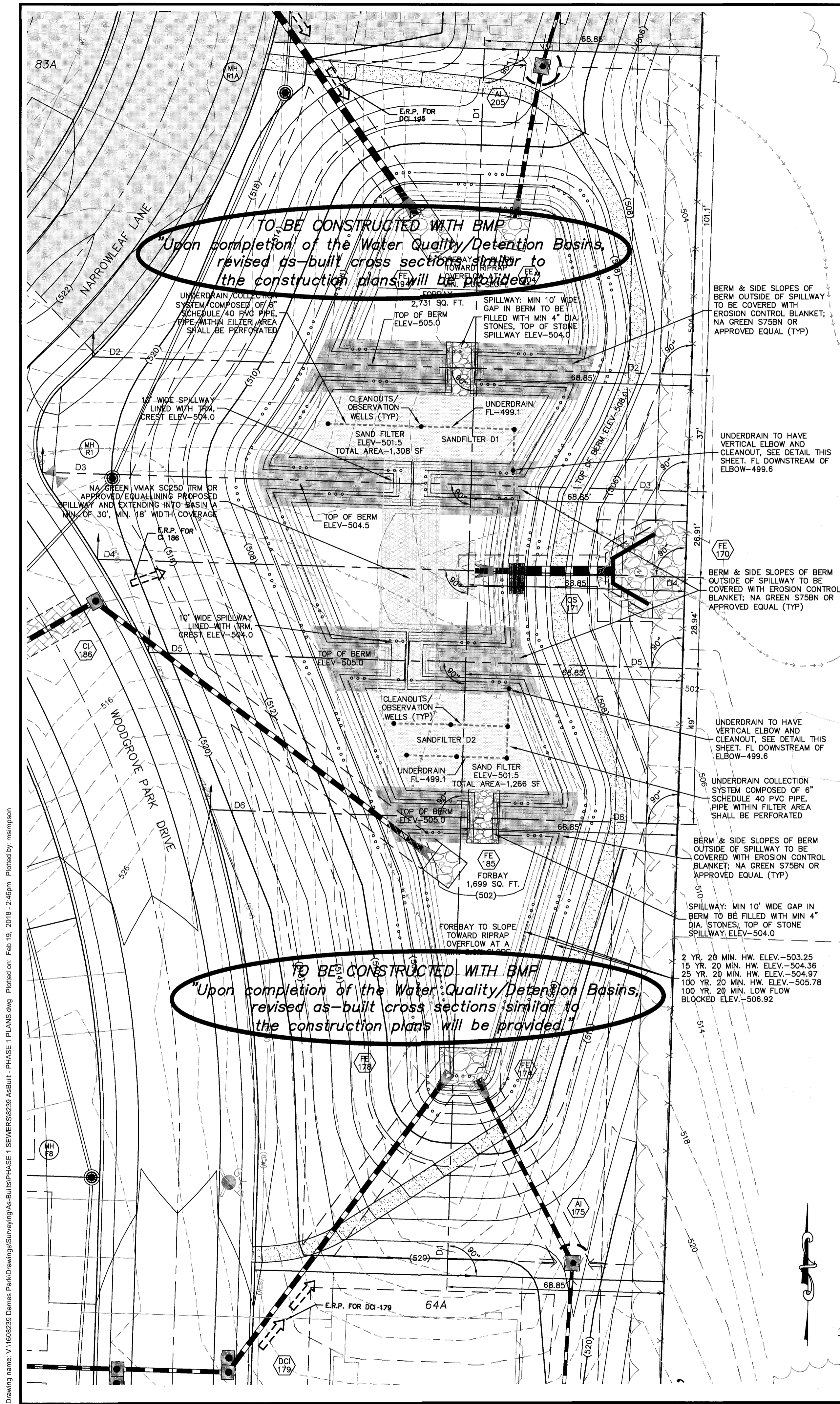
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 City No.  
 Date: Aug. 7, 2017  
 Job No. 16-08-239

Page No.  
**10.8**

BASIN C

IMP

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ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

**PROJECT TITLE**  
**PHASE 1**  
**COBBLESTONE**  
**CROSSING**  
 OFF FALLON, MISSOURI

**THE STERLING CO.**  
 ENGINEERS & SURVEYORS  
 5055 New Baumgartner Road  
 St. Louis, Missouri 63129  
 Ph. 314-467-0440 Fax 314-467-8944  
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Date 8/7/2017  
 Michael G. Boerding  
 License No. MO E-28843  
 Civil Engineer

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 16091 SWINGLEY RIDGE ROAD, SUITE 300  
 CHESTERFIELD, MISSOURI 63017  
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**BASIN D**

**STORM AND SANITARY SEWER MEASUREMENTS**

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 By *J. Henson* 5-21-18  
 Jamey A. Henson  
 Mo. Reg. P.L.S. - #2007017963

**P+Z No.** 29-16.01  
**City No.**  
**Date** Aug. 7, 2017  
**Job No.** 16-08-239  
**Page No.** 10.9

**AS BUILT**

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ISSUE	REMARKS/DATE
1	3-21-17 INITIAL SUBMITTAL
2	6-6-17 REVISED PER CITY COMMENTS
3	7-20-17 REVISED PER CITY COMMENTS
4	8-7-17 APPROVAL

PROJECT TITLE  
**PHASE 1**  
**COBBLESTONE**  
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OFFALLON, MISSOURI

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 Michael G. Boerding  
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 Civil Engineer

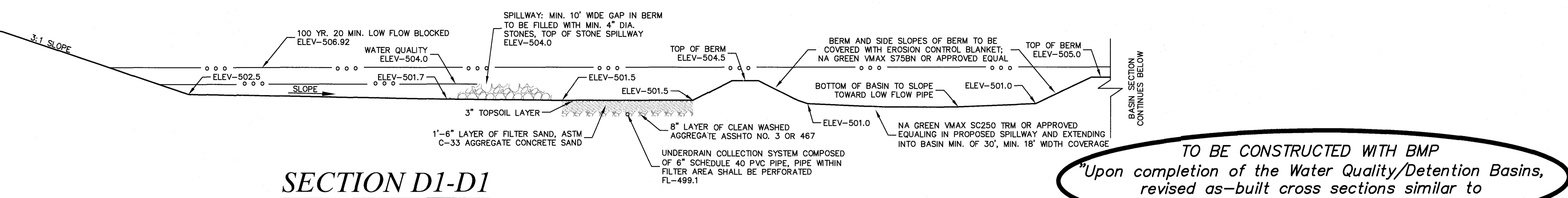
**McBRIDE HYLAND GREEN, LLC**  
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 CHESTERFIELD, MISSOURI 63017  
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 Fax 636-637-2546  
 www.mcbridehomes.com

**BASIN D**

P+Z No. 29-16.01  
 City No.  
 Date: Aug. 7, 2017  
 Job No. 16-08-239

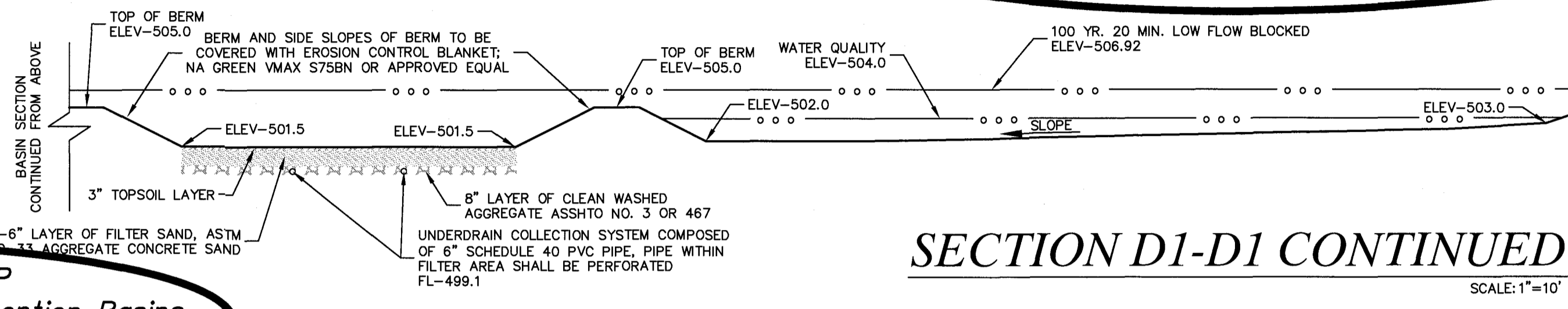
Page No.  
**10.10**  
 IMP

**SECTION D1-D1**  
 SCALE: 1"=10'



**TO BE CONSTRUCTED WITH BMP**  
*"Upon completion of the Water Quality/Detention Basins, revised as-built cross sections similar to the construction plans will be provided."*

**TO BE CONSTRUCTED WITH BMP**  
*"Upon completion of the Water Quality/Detention Basins, revised as-built cross sections similar to the construction plans will be provided."*



**SECTION D1-D1 CONTINUED**  
 SCALE: 1"=10'

**STORM AND SANITARY SEWER MEASUREMENTS**

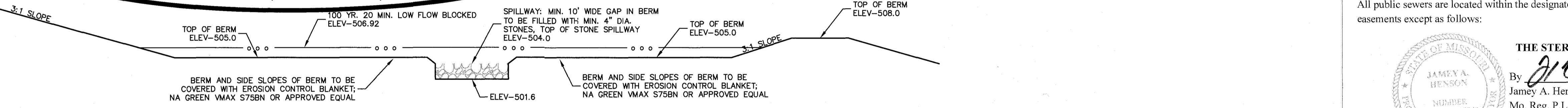
The existing sewer length, sizes, flowlines, depths of structures and sewers, and locations with respect to existing or proposed easements have been measured. The results of those measurements are shown on this set of Final Measurement Plans. Since the wye locations have been plotted from information 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  
 By: *J. Henson*  
 Jamey A. Henson  
 Mo. Reg. P.L.S. - #2007017963

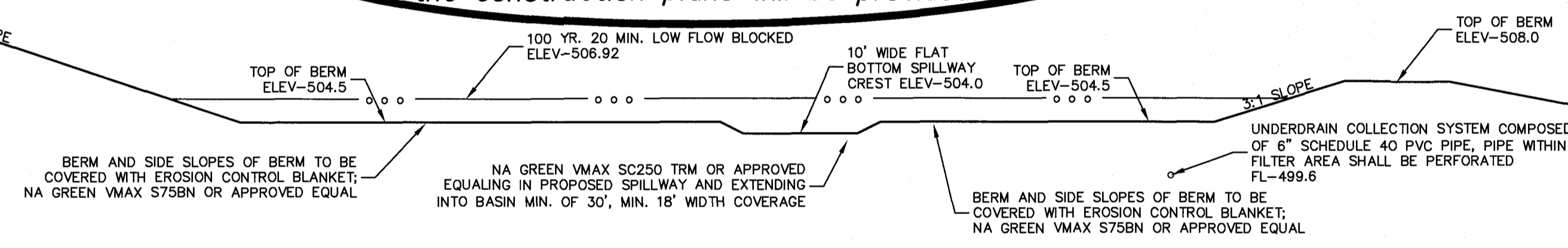
**AS BUILT**

**SECTION D2-D2**  
 SCALE: 1"=10'



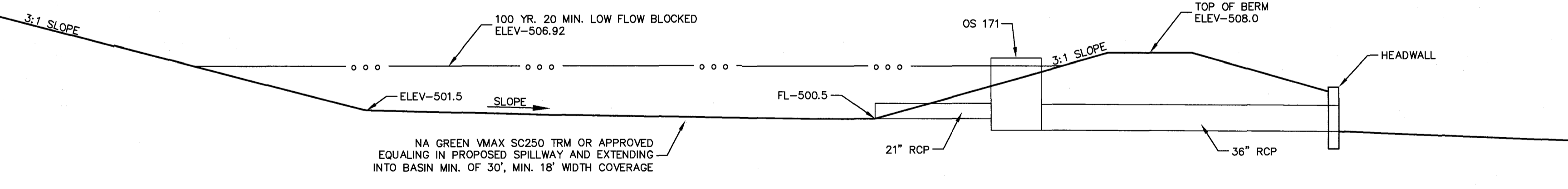
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**SECTION D3-D3**  
 SCALE: 1"=10'

**SECTION D4-D4**  
 SCALE: 1"=10'



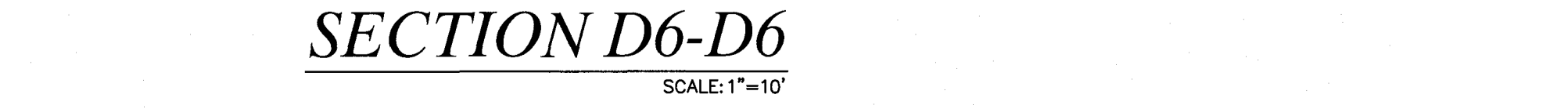
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**SECTION D5-D5**  
 SCALE: 1"=10'

**SECTION D6-D6**  
 SCALE: 1"=10'



Drawing name: V:\060239 Damase Park\Drawings\Surveying\AS-Built\PHASE 1 SEWERS\29-16.01-11.dwg Plotted on: Jan 05, 2018 - 11:30am Plotted by: mstmpm