

# FOX HAVEN ADDITION

A tract of land being a part of U.S. Survey 1778,  
Township 46 North, Range 2 East,

St. Charles County, Missouri

## IMPROVEMENT PLANS AS-BUILT

**GRADING & CONSTRUCTION NOTES:**

- All construction methods, materials and practices shall conform to all current applicable specifications of the governing agencies.
- Any destruction of existing improvements or fixtures shall be repaired or replaced in kind by the contractor and shall remain the contractors responsibility.
- Soil test results shall be obtained from available information and therefore their locations must be considered approximate only. The verification of the location of all underground utilities, either shown or not shown on these plans shall be the responsibility of the contractor, and shall be located prior to grading or construction of improvements.
- It shall be distinctly understood that failure to specifically mention any work which would normally be required to complete the project shall not relieve the contractor of his responsibility to perform such work.
- Contractor shall keep road clear of mud and debris.
- All filled areas to be compacted to a minimum of 90 percent of maximum dry density as determined by the Modified ASHTO Compacting Test, ASTM D1557-78, or as specified by the soils engineer.
- It shall be the grading contractors responsibility to notify the soils engineer prior to work in progress and to comply with recommendations by the soils engineer with regards to compaction, surface preparation, and placement of fill.
- It shall be the grading contractors responsibility to provide the location of any existing underground utilities by notifying utility companies prior to grading operations.
- No fill shall be placed above cut or fill to substrate elevation under all areas to be paved. (Subgrade is figured at pavement depth). Rough grading is to be completed within  $\pm 0.20'$ .
- All drainage swales shall be sodded or seeded and mulched to prevent erosion.
- All stumps, limbs, and other debris are to be removed from the site unless a suitable dump area is approved in advance by the owner or the engineer.
- Subgrade shall be graded to the top of design. (Subgrade is figured at pavement depth).
- Soil shall be bunched prior to placement of fill.
- If fill is to be placed in areas of soft soil, particularly in draws, drainage channels and other low lying areas, the soft soil shall be excavated until firm soil is encountered.
- All grading shall comply with the soils engineers recommendations.
- Permanent grass is required at completion of grading or a 30 day suspension of grading will be imposed.
- A drainage easement will be granted to the City of O'Fallon for any creeks to remain in the development on the record plat.
- Siltation control will be installed prior to any grading or construction operations and shall be inspected and maintained as necessary to insure their proper function until sufficient vegetation has been established to prevent erosion.
- The responsibility for maintenance of all siltation controls shall be the responsibility of the developer.
- No graded area shall remain bare for over 14 days without being seeded or mulched.
- Additional siltation control may be required as directed by the local governing authority.
- All grading areas shall be protected from erosion by erosion control devices and/or seeding and mulching as required by the City of O'Fallon.
- All fill placed under proposed storm and sanitary sewers, proposed roads, and/or paved areas shall be compacted to 90% of maximum proposed load. Paved areas shall be compacted to 90% of maximum dry density as determined by the Standard Proctor Test, ASHTO T-99. All fill placed in proposed roads shall be compacted from the bottom of the fill up. All tests shall be verified by a soils engineer concurrent with grading and backfilling operations. Ensure the moisture content of the soil in fill areas is to correspond to the compactive effort as defined by the Standard or Modified Proctor Test. Optimum moisture content shall be determined by the soils engineer. The test results shall be used for compaction. Soil compaction curves shall be submitted to the City of O'Fallon prior to the placement of fill. Proof rolling may be required to verify soil stability at the discretion of the City of O'Fallon.
- Erosion and sediment control structures shall be maintained throughout the construction process.
- The Developer shall provide the City of O'Fallon construction inspectors with soils reports prior to and during site soil testing.
- The contractor shall assume complete responsibility for controlling all siltation and erosion of the project area. The contractor shall use whatever means necessary to control erosion and siltation including, but not limited to, staked straw bales and/or siltation fabric fences (possible methods of control are detailed in the plan). Control shall commence with grading and be maintained throughout the project until acceptance of the work by the Owner and/or the City of O'Fallon and/or MoDOT. The Contractors responsibilities include all design and implementation as required to prevent erosion and the depositing of silt. The Owner and/or the City of O'Fallon and/or MoDOT may at their option direct the Contractor in his methods as deemed fit to protect property and improvements. Any depositing of any silt or mud on new or existing pavement or in new or existing sewers or swales shall be removed after grading and affected areas cleaned to the satisfaction of the Owner and/or the City of O'Fallon and/or MoDOT.
- All erosion control systems shall be inspected and necessary corrections made within 24 hours of any rainfall resulting in one-half inch of rain or more.
- Erosion control shall not be limited to what is shown on the plan. Whatever means necessary shall be taken to prevent siltation and erosion from entering natural streams, adjacent roadways, properties, ditches.
- No single event can exceed 3(Hrs.); (Vert.).
- When deemed necessary, positive steps should be exercised to prevent the soil from damaging adjacent property and silting up all storm drainage systems whether on or off site.
- All low places whether on-site or off-site should be graded to allow drainage by installing temporary ditches.
- Any walls and/or springs which may exist on this property should be located and sealed in a manner acceptable to the City of O'Fallon.
- All trees and/or shrubs on-site, either existing or from construction, must be removed and disposed of off-site.
- Debris and foundation material from any existing on-site building or structure which is scheduled to be razed for this development must be disposed of off-site. All existing buildings and fencing is to be razed.
- Soft soils in the bottom and banks of any existing or former pond sites or tributaries should be removed, spread out and permitted to dry sufficiently to be used as fill. None of this material should be placed in proposed public right-of-way locations or on any storm sewer location. Dewatering of existing pond shall not exceed 50'.
- Please note that a permit from Public Works for the City of O'Fallon 24 hours prior to the removal of any trees or shrubs. No building permits will be issued by the City of O'Fallon until construction plans are approved and the final plat recorded.
- The sediment control plan should be implemented before grading begins. This should follow the guidelines in the model sediment and erosion control regulations by St. Charles Soil and Water Conservation District.
- No excavation for any proposed structures adjacent to the flood plain shall be a minimum of 10' feet above the 100-year flood elevation.
- All grading adjustments shall be submitted to and receive approval from the City of O'Fallon.
- When utilized temporary siltation ponds/structures shall be completely removed following re-establishment of vegetation. Ponds shall be backfilled, compacted, and graded to provide positive drainage and then seeded and mulched.
- All paving shall be done in accordance with St. Charles County standards and specifications except as modified by the City of O'Fallon ordinances.
- Sidewalks, curb ramps, ramp and accessible parking spaces shall be constructed in accordance with the current approved "American with Disabilities Act Accessibility Guidelines" (ADAAC) along with the required grades, construction materials, specifications and signage. If any conflict occurs between the above information and the plans, the ADAAC guidelines shall take precedence and the contractor prior to any construction shall consult the Project Engineer.
- All street signs and traffic signals shall be colored black in accordance with the approved MoDOT specifications.
- All sign posts, backs, and bracket arms shall be painted black using Carboline RustGuard Penetrating Sealer SG and Carboline 133 HB paint or equivalent as approved by the City and MoDOT.
- All water mains, valves, fittings, hydrants, and related items shall be installed in accordance with the current St. Charles County PWS #2 standards and specifications as approved by MDNR Review No. 61996-04.
- No brick or cast in place storm sewer structures will be allowed unless pipe is 48" or greater, lots cast in place will be allowed on a case by case basis.

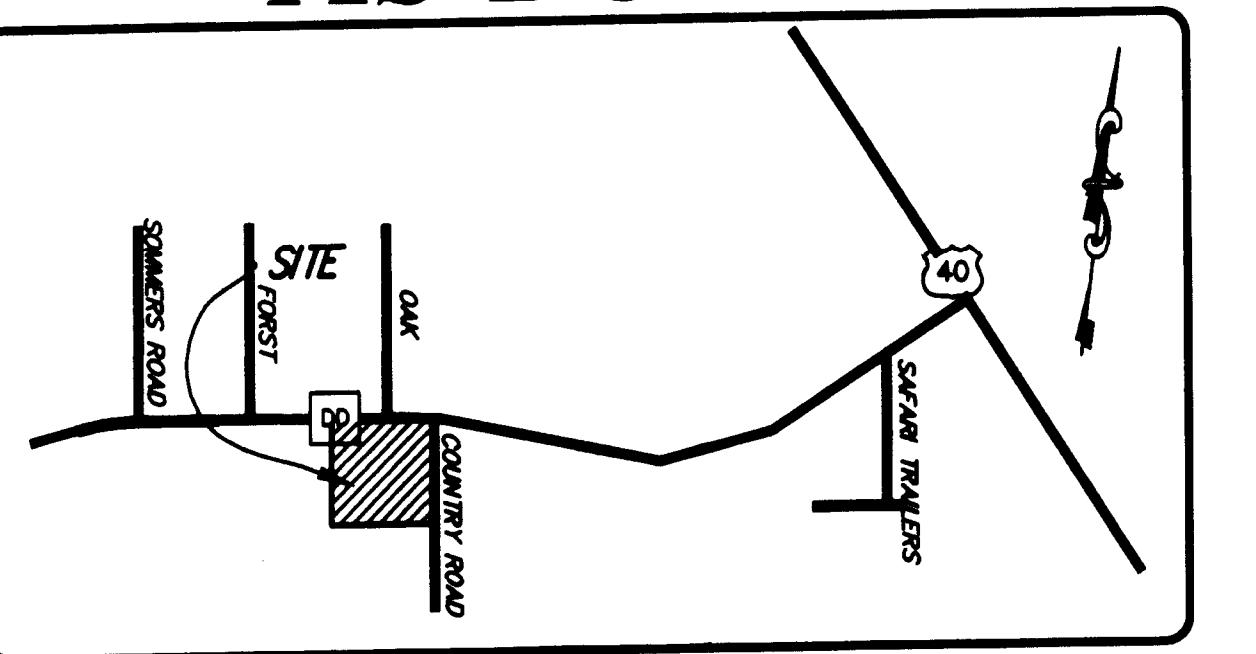
### ESTIMATED CONSTRUCTION SCHEDULE

- CLEARING AND GRUBBING: PRESENT - OCTOBER 2005
- ROUGH GRADING: OCTOBER - DECEMBER 2005
- CONSTRUCTION OF SEWERS, UTILITIES, ROADS: DECEMBER 2005 - APRIL 2006
- FINAL GRADING: MAY 2006
- LANDSCAPING: JUNE 2006

**PROJECT BENCHMARK**

RM 19 ELEV. 536.06 Chiseled square on wingwall at northeast corner of County Highway DD bridge over Dardene Creek.

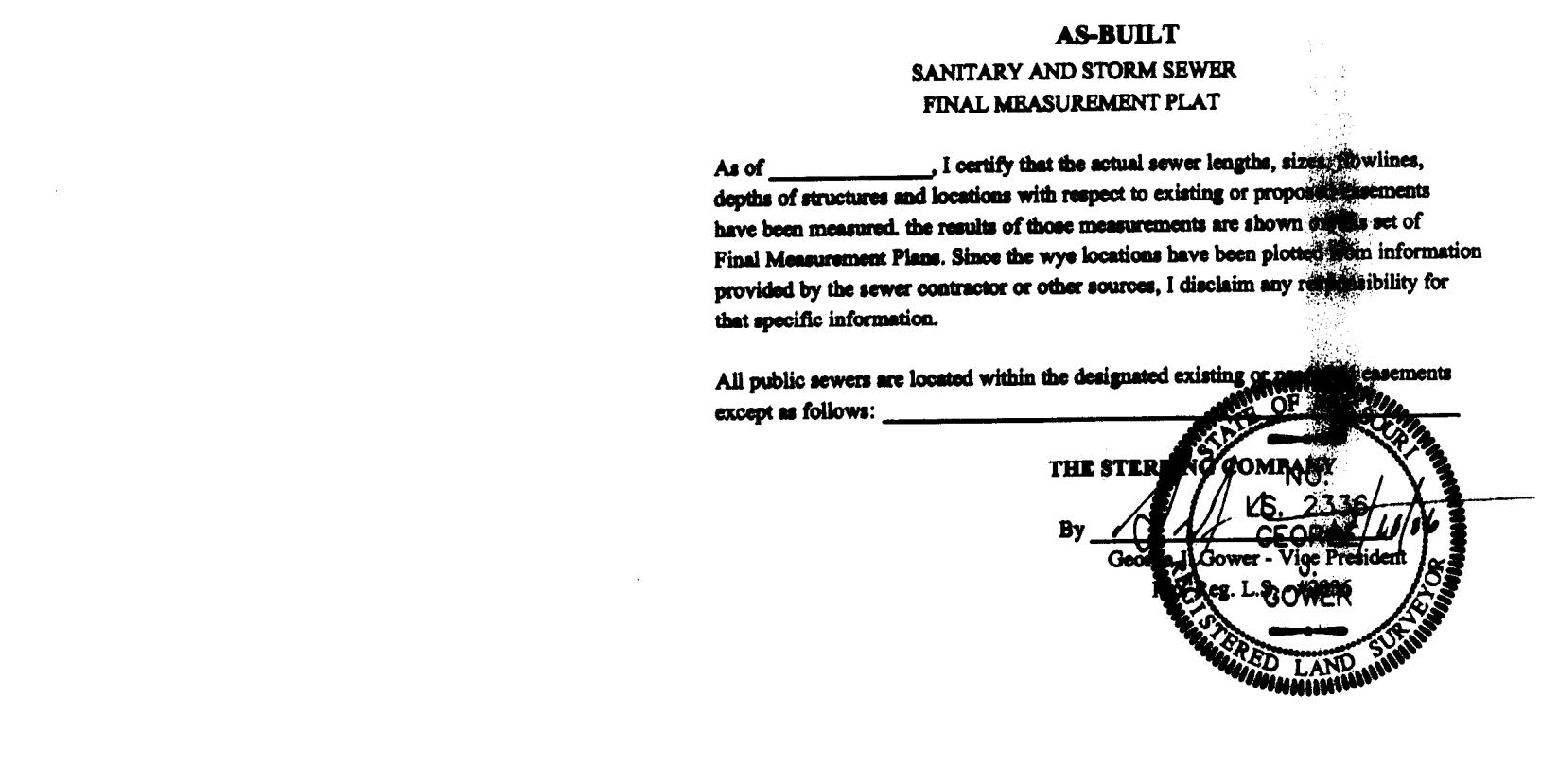
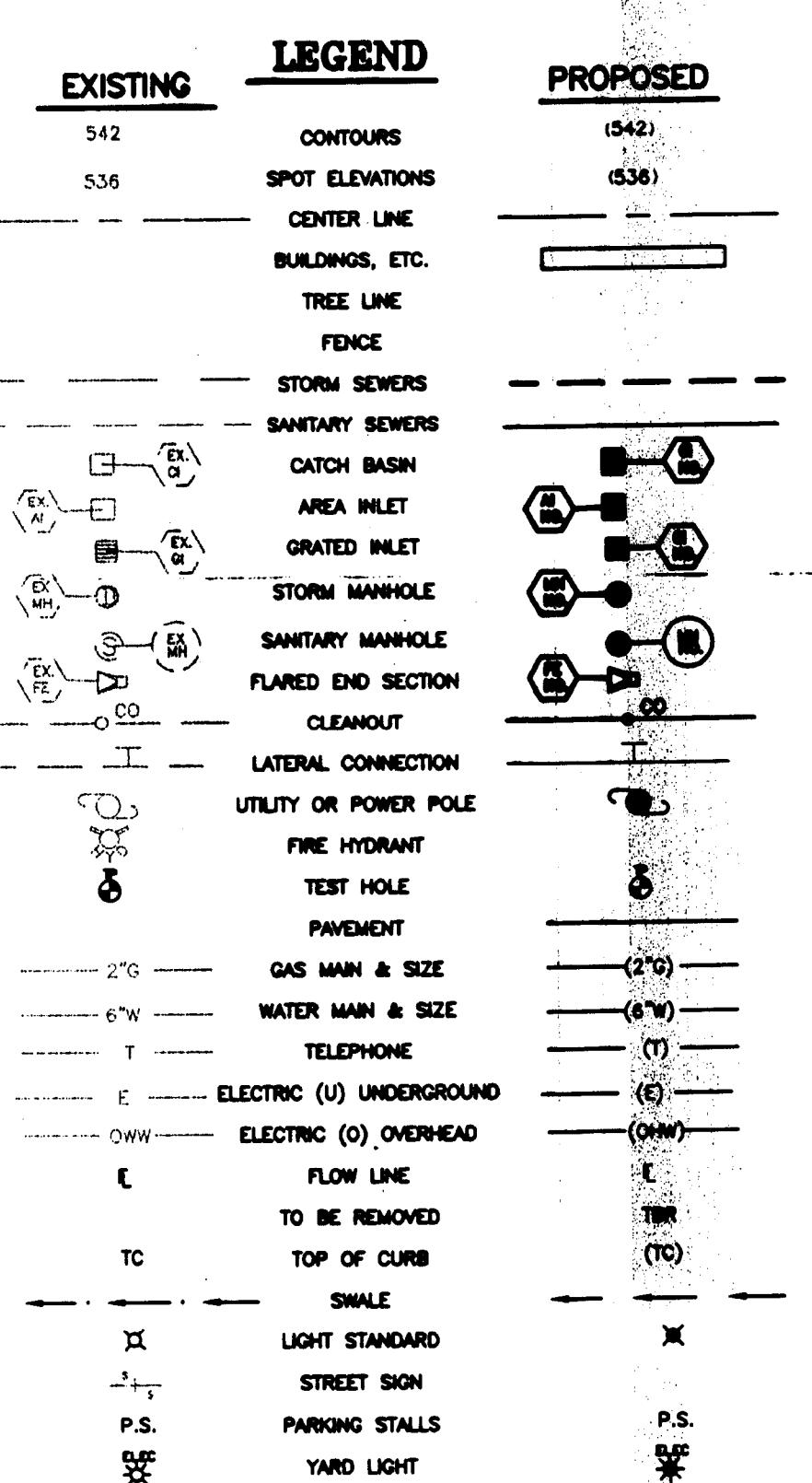
RM 38 ELEV. 538.75 Chiseled U on southwest corner of northwest wingwall of old bridge over Kraut Run about 4,500 feet downstream of County Highway DD.



LOCATION MAP  
N.T.S.

### INDEX OF SHEETS

1	COVER SHEET
2	GRADING PLAN
3	SITE PLAN
4-5	STREET PROFILES
6-7	SANITARY SEWER PROFILES
8-9	STORM SEWER PROFILES
10	DRAINAGE AREA MAP
11	HYDRAULIC CALCULATIONS
12	DETENTION BASIN SECTIONS & OUTFALL STRUCTURE DETAILS
13	WARPING DETAILS
14	WATER DISTRIBUTION PLAN
15	TRAFFIC CONTROL PLAN
LS	LANDSCAPE PLAN
WD1	WATER DETAILS
SC1	SILTATION CONTROL DETAILS
CD1-CD2	ST. CHARLES COUNTY DETAILS
CD3-CD6	MSD CONSTRUCTION DETAILS
CD7 - CD10	DCSD CONSTRUCTION DETAILS



= AS-BUILT

### DUCKETT CREEK SANITARY DISTRICT CONSTRUCTION NOTES

- Underground utilities have been plotted from available information and therefore their location shall be considered approximate only. The verification of the location of all underground utilities, either shown or not shown on these plans, shall be the responsibility of the contractor and shall be located prior to any grading or construction of improvements.
- Gas, water, and other underground utilities shall not contact with the depth or horizontal location of existing or proposed sanitary sewer lines, including house laterals.
- Utility lines shall not be disturbed, damaged, or destroyed shall be repaired or replaced to closely matched preconstruction conditions.
- All fill including places under proposed storm and sanitary sewer lines, and paved areas include trench backfills within and off the road right-of-way shall be compacted to 90 percent of maximum dry density as determined by the Modified ASHTO Compacting Test, ASTM D1557. All tests shall be verified by the soils engineer concurrent with grading and backfilling operations.
- The contractor shall prevent all storm, surface water, mud, and construction debris from entering the existing sanitary sewer system.
- All sanitary sewer foulings and tops built without elevations furnished by the engineer will be the responsibility of the sewer contractor.
- Easements shall be provided for all sanitary sewers, storm sewers, and all utilities on the record prior to construction.
- All construction and materials shall conform to the current construction standards of Duckett Creek Sanitary District.
- The Duckett Creek Sanitary District shall be notified at least 48 hours prior to construction for coordination and inspection.
- All sanitary sewer connections shall be designed so that the minimum vertical distance from the lowest point of the basement to the baseline of the sanitary sewer at the corresponding building connection shall not be less than the diameter of the pipe plus the vertical distance of 2'-1/2 feet.
- All sanitary sewer manholes shall be waterproofed on the exterior in accordance with Missouri Dept. of Natural Resources specification 10 CSR-8.120(7X).
- All PVC sanitary sewer pipe is to be SDR-35 or equal with "diam" 1/2 inch to 1 inch granular stone bedding uniformly below the pipe and backfilling from 4 inches below the pipe to springline of pipe. All sanitary sewer pipe shall consist of same size "clean" or "minus" stone from springline of pipe to 5 inches above the top of pipe.
- All sanitary and storm sewer trench backfills shall be water jetted. Granular backfill will be used under pavement areas.
- All pipes shall have positive drainage through manholes. No flat invert structures are allowed.
- All creek crossings shall be lined with rip-rap as directed by District Inspectors.
- Brick shall not be used on sanitary sewer manholes.
- Existing sanitary sewer service shall not be interrupted.
- Maintain access to existing residential driveways and streets.
- Pre-manufactured adapters shall be used at all PVC to DIP connections. Rubber Boot/Mission Type coupling will not be allowed.
- Any permits, leases, or agreements or approvals required to work on public properties or roadways are the responsibility of the developer.
- "Type N" Lock-Type Cover and Locking Device (Lock-Luge) shall be used where lock-type covers are required.

### LEGAL DESCRIPTION

A TRACT OF LAND BEING THE SAME TRACT OF LAND AS DESCRIBED IN A DEED TO DOUBLE DUDE L.L.C. RECORDED IN DEED BOOK 2471 PAGE 480 OF THE ST. CHARLES COUNTY RECORDS AND BEING SITUATED IN U.S. SURVEY 1778, TOWNSHIP 46 NORTH, RANGE 2 EAST ST. CHARLES COUNTY MISSOURI BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE MOST NORTHEASTERN CORNER OF A TRACT OF LAND DESCRIBED AS PARCEL ONE IN A DEED TO DOUBLE DUDE L.L.C. AS RECORDED IN DEED BOOK 2471 PAGE 480 OF THE ST. CHARLES COUNTY RECORDS; THENCE WITH THE WEST LINE OF COUNTRY (30') ROAD, SOUTH 07°40'38" EAST A DISTANCE OF 883.22 FEET TO A POINT ON THE NORTH LINE OF STEGMANN FARMS XL, LLC AS RECORDED IN DEED BOOK 3492 PAGE 125 OF SAID RECORDS; THENCE WITH SAID NORTH LINE, SOUTH 82°04'12" WEST A DISTANCE OF 854.27 FEET TO THE SOUTHEAST CORNER OF HOME NURSERY INC., NORTH 07°46'40" PAGE 737; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF SAID HOME NURSERY INC.; SAID NORTHEAST CORNER BEING ON THE SOUTH RIGHT OF WAY OF STATE HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURSERY INC., NORTH 07°46'40" WEST A DISTANCE OF 887.70 FEET TO THE NORTHEAST CORNER OF DODGE CITY HIGHWAY (80') DD; THENCE WITH THE EAST LINE OF SAID HOME NURS

### FLOOD PLAIN NOTE:

According to the Flood Insurance Rate Map of the County of St. Charles, Missouri, Unincorporated Areas (Community Panel Number 20143024010 E Dated August 2, 1996, this property lies entirely outside of the 100 Year Flood Plain.

### PROJECT BENCHMARK

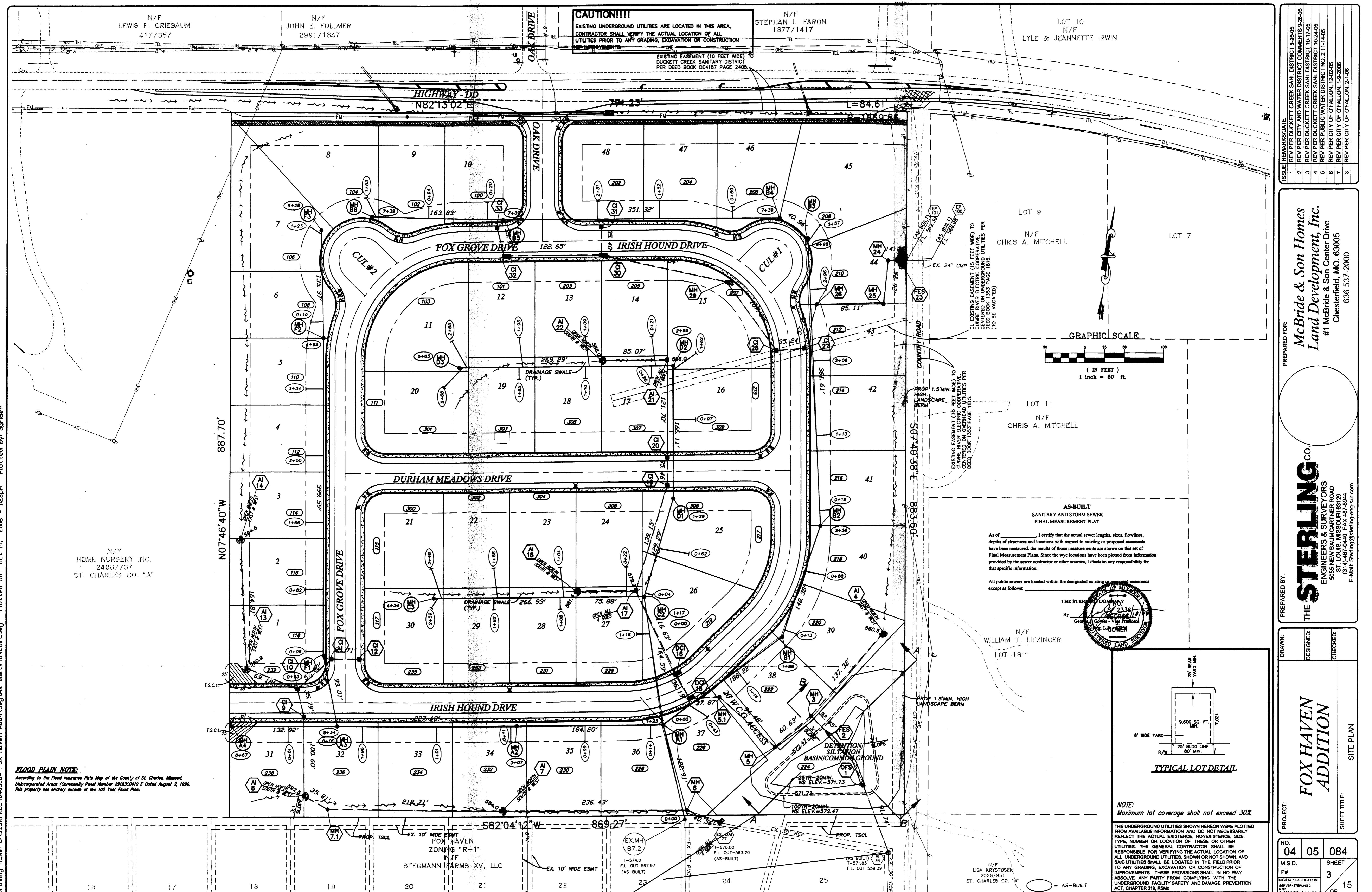
RW 19 ELEV. 536.06 Chiseled square on wingwall at northeast corner of County Highway DD bridge over Dardene Creek.

RW 38 ELEV. 538.75 Chiseled U on southwest corner of northwest wingwall of old bridge over Kraut Run about 4,500 feet downstream of County Highway DD.

### PER FIRM MAP # 20143024010 E

### TREE ORDINANCE

Existing trees = 2.94 acres  
Trees removed = 2.94 acres  
Trees required = 20% x 2.94 ac. = 0.59 acres  
Replacement trees required = 0.59 ac. x 15 trees/ac. = 8.9 trees  
Replacement trees provided = 40 trees  
Street trees required = 1 tree per frontage

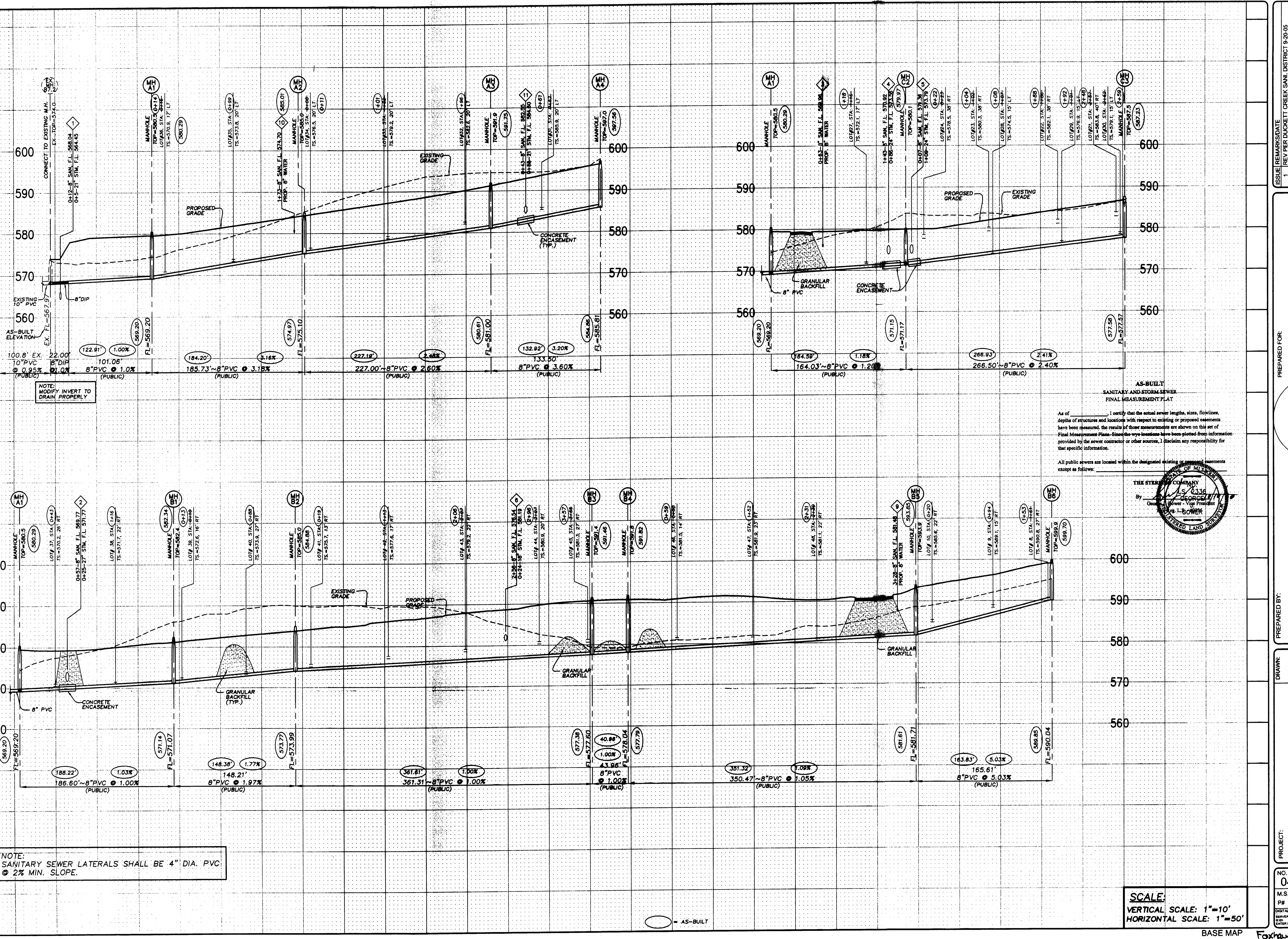


*McBride & Son Homes  
Land Development, Inc.*  
#1 McBride & Son Center Drive  
Chesterfield, MO. 63005

**STERLING** C  
ENGINEERS & SURVEYORS  
5055 NEW BAUMGARTNER ROAD  
ST. LOUIS, MISSOURI 63129

# *FOX HAVEN ADDITION*

4	05	08
D.		SHEE
FILE LOCATION		3
#STERLING-2		OF
COPYRIGHT NAME ONLY		



*McBride & Son Homes  
and Development, Inc.*

#1 McBride & Son Center Drive  
Chesterfield, MO. 63005  
636 537-2000

*McLan  
#11*

# **STERLING**

**ENGINEERS & SURVEYORS**

**SEN**  
50  
**E-1**

**ID:** \_\_\_\_\_

SIGN  
IECKE

DE CH

S

FILE:

PRO

4V  
TIC  
VER F

HIT  
SEW

ARY S

NITA

E: SA

TITLE

SHEET

S

4 | 05 | 084

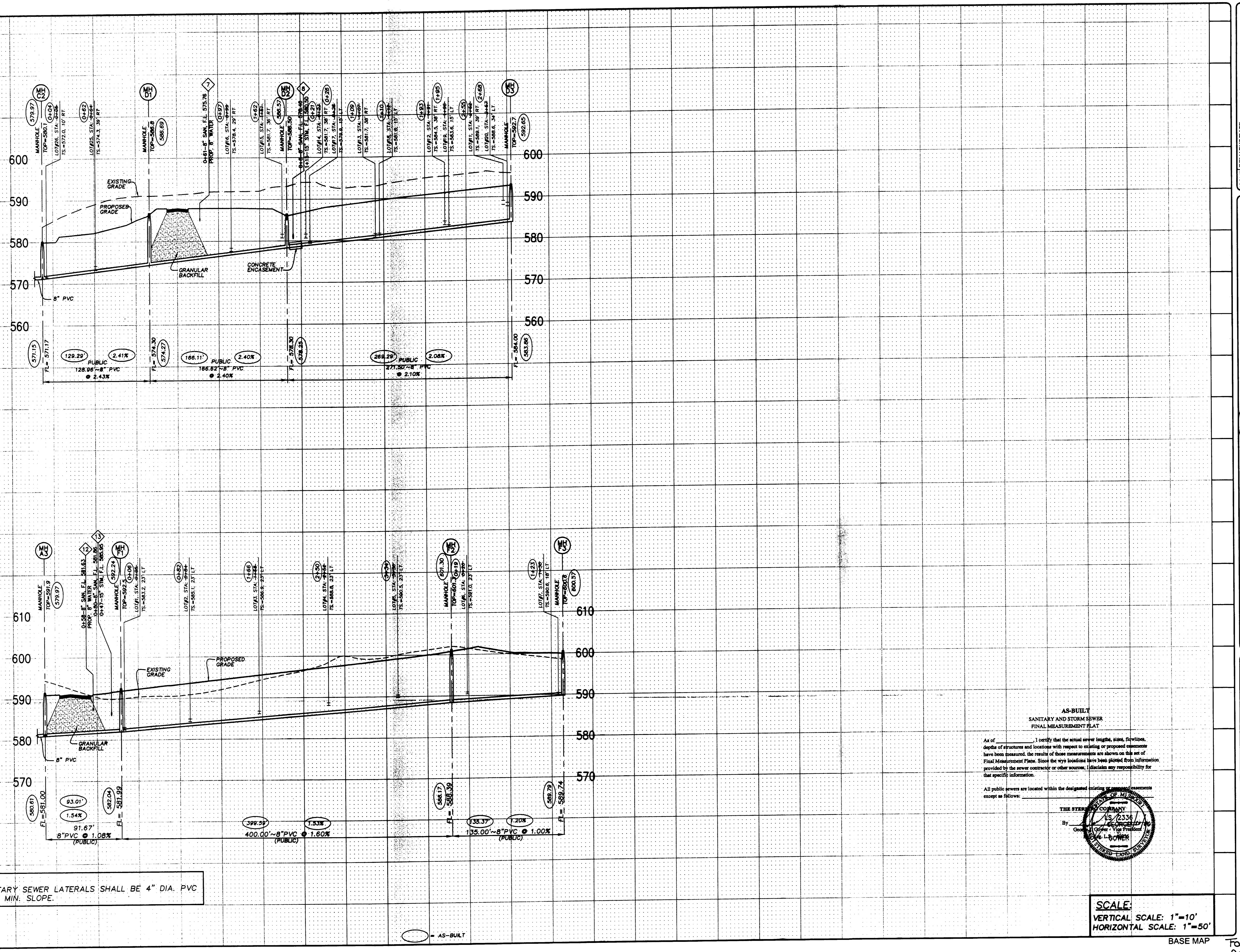
SHEET

**FILE LOCATION**

15  
R10WG\_NAME.DWG OF

In addition  
to built

## AS BATTI



ISSUE / REMARKS / DATE	
1	REV PER DUCKETT CREEK SANI DISTRICT 9-20-05
2	REV PER CITY AND WATER DISTRICT COMMENT 9-28-05
3	REV PER DUCKETT CREEK SANI DISTRICT 10-17-05
4	REV PER DUCKETT CREEK SANI DISTRICT 10-24-05
5	REV PER PUBLIC WATER DISTRICT NO. 2-1-14-05
6	REV PER CITY OF FALLOON 12-23-05
7	REV PER CITY OF FALLOON 1-9-2006
8	REV PER CITY OF FALLOON 2-1-06

PREPARED FOR:  
**McBride & Son Homes Land Development, Inc.**  
#1 McBride & Son Center Drive  
Chesterfield, MO. 63005  
636 537-2000

PREPARED BY:  
**STERLING CO.**  
ENGINEERS & SURVEYORS  
505 NEW BADINGARTNER ROAD  
ST. LOUIS, MISSOURI 63129  
(314) 467-0440 FAX 487-8944  
E-Mail: Sterling@Sterling-eng-sur.com

PROJECT: **FOX HAVEN ADDITION**  
DRAWN: \_\_\_\_\_  
DESIGNED: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
SHEET TITLE: **SANITARY SEWER PROFILES**

NO	04	05	084
M.S.D.			
P#			

DIGITAL FILE LOCATION:  
SERVFILE-STERLING2  
ENTER DRIVING NAME.DWG

BASE MAP

15  
OF

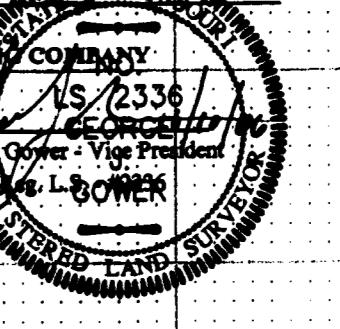
Foxhaven Addition  
As-built Its

AS-BUILT  
SANITARY AND STORM SEWER  
FINAL MEASUREMENT PLAT

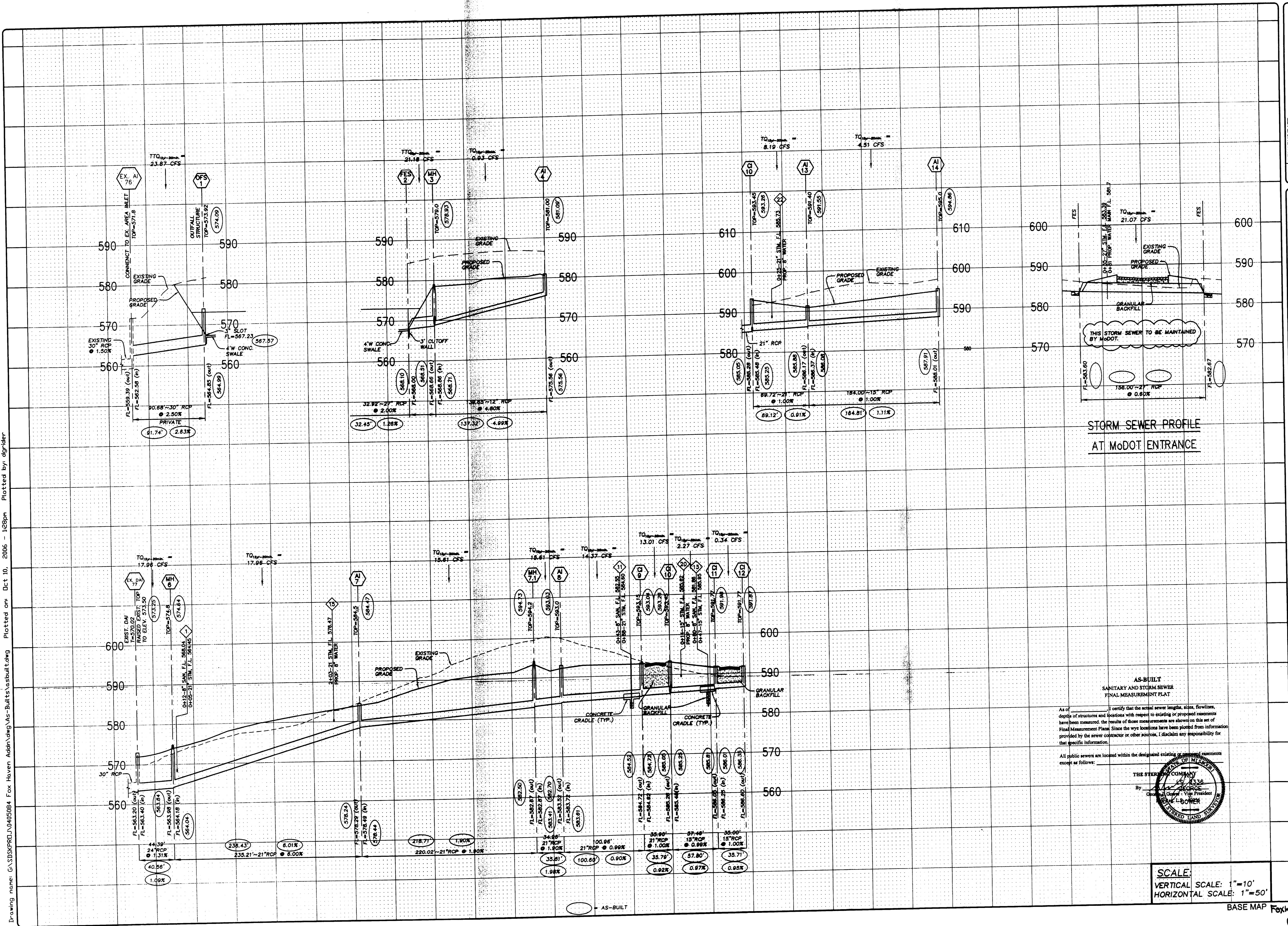
As of \_\_\_\_\_, I certify that the actual sewer lengths, sizes, flowlines,  
depths of structures and locations with respect to existing or proposed easements  
have been measured, the results of those measurements are shown on this set of  
Final Measurement Plans. Since the wye locations have been 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 \_\_\_\_\_  
George L. Oliver, Vice President  
George L. Oliver



SCALE:  
VERTICAL SCALE: 1"-10'  
HORIZONTAL SCALE: 1"-50'



ISSUE DATE: REMARKS  
 1 REV PER DUCKETT CREEK SANI DISTRICT 9-20-05  
 2 REV PER CITY AND WATER DISTRICT COMMENTS 9-20-05  
 3 REV PER DUCKETT CREEK SANI DISTRICT 10-1-76  
 4 REV PER DUCKETT CREEK SANI DISTRICT 10-24-05  
 5 REV PER PUBLIC WATER DISTRICT NO. 2 11-14-05  
 6 REV PER CITY OF O'FALLON 12-20-05  
 7 REV PER CITY OF O'FALLON 1-9-2006  
 8 REV PER CITY OF O'FALLON 2-1-06  
 9 REV STORM SEWER 04-14-06

PREPARED FOR: McBride & Son Homes Land Development, Inc.  
 #1 McBride & Son Center Drive  
 Chesterfield, MO 63005  
 636 537-2000

PREPARED FOR: McBride & Son Homes Land Development, Inc.  
 #1 McBride & Son Center Drive  
 Chesterfield, MO 63005  
 636 537-2000

PREPARED FOR: McBride & Son Homes Land Development, Inc.  
 #1 McBride & Son Center Drive  
 Chesterfield, MO 63005  
 636 537-2000

PREPARED FOR: McBride & Son Homes Land Development, Inc.  
 #1 McBride & Son Center Drive  
 Chesterfield, MO 63005  
 636 537-2000

PREPARED FOR: McBride & Son Homes Land Development, Inc.  
 #1 McBride & Son Center Drive  
 Chesterfield, MO 63005  
 636 537-2000

PREPARED FOR: McBride & Son Homes Land Development, Inc.  
 #1 McBride & Son Center Drive  
 Chesterfield, MO 63005  
 636 537-2000

PREPARED FOR: McBride & Son Homes Land Development, Inc.  
 #1 McBride & Son Center Drive  
 Chesterfield, MO 63005  
 636 537-2000

PREPARED FOR: McBride & Son Homes Land Development, Inc.  
 #1 McBride & Son Center Drive  
 Chesterfield, MO 63005  
 636 537-2000

PREPARED FOR: McBride & Son Homes Land Development, Inc.  
 #1 McBride & Son Center Drive  
 Chesterfield, MO 63005  
 636 537-2000

PREPARED FOR: McBride & Son Homes Land Development, Inc.  
 #1 McBride & Son Center Drive  
 Chesterfield, MO 63005  
 636 537-2000

PREPARED FOR: McBride & Son Homes Land Development, Inc.  
 #1 McBride & Son Center Drive  
 Chesterfield, MO 63005  
 636 537-2000

PREPARED FOR: McBride & Son Homes Land Development, Inc.  
 #1 McBride & Son Center Drive  
 Chesterfield, MO 63005  
 636 537-2000

PREPARED FOR: McBride & Son Homes Land Development, Inc.  
 #1 McBride & Son Center Drive  
 Chesterfield, MO 63005  
 636 537-2000

BASE MAP: Foxhaven addition  
 As-built

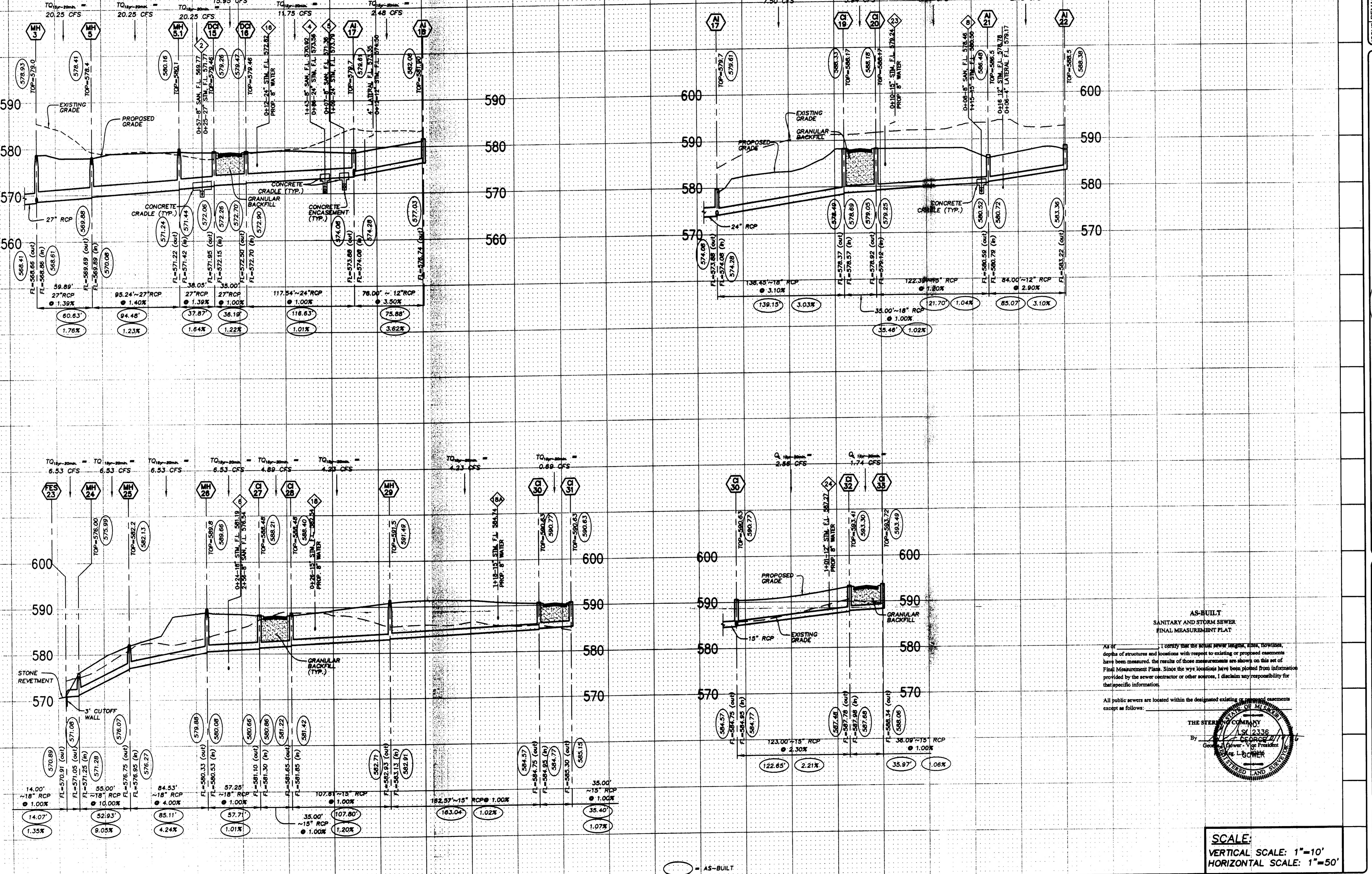
Sheet Title: STORM SEWER PROFILES

Sheet No: 084

Page No: 8

Page No: 15

Page No: 15</



2	REV PER CITY AND TAXES
3	REV PER DUCKE L
4	REV PER DUCKE L
5	REV PER PUBLIC SERVICES
6	REV PER CITY OR TAXES
7	REV PER CITY OR TAXES
8	REV PER CITY OR TAXES

*McBride & Son Homes  
Land Development, Inc.*  
#1 McBride & Son Center Drive  
Chesterfield, MO. 63005  
636 537-2000

McB  
Land  
#1 M  
C

**STERLING** CO.  
**ENGINEERS & SURVEYORS**  
5055 NEW BAUMGARTNER ROAD  
ST. LOUIS, MISSOURI 63129  
(314) 487-0440 FAX 487-8944  
E-Mail: [Sterling@sterling-eng-sur.com](mailto:Sterling@sterling-eng-sur.com)

EN 50  
E-1

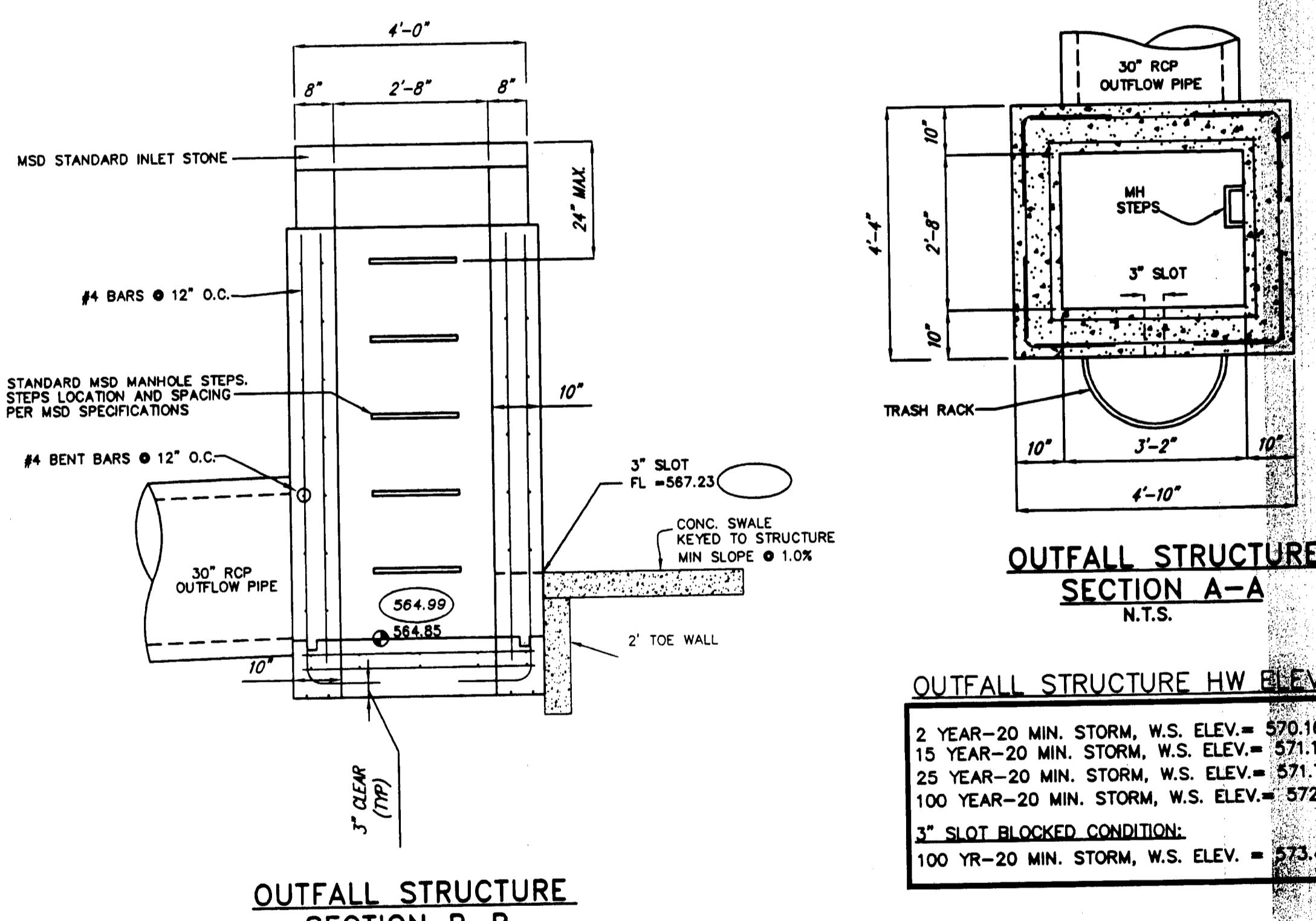
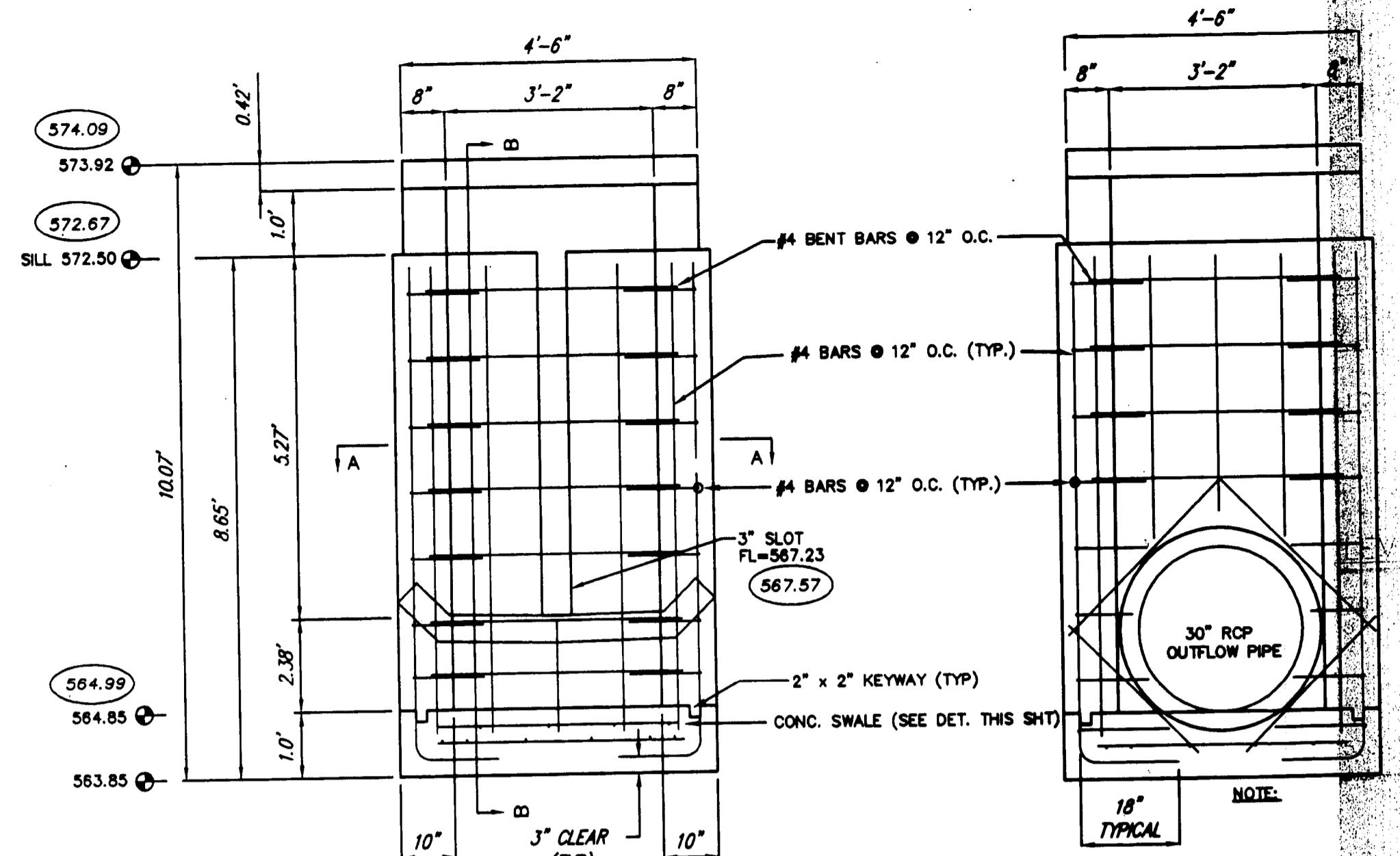
# **FOX HAVEN ADDITION**

---

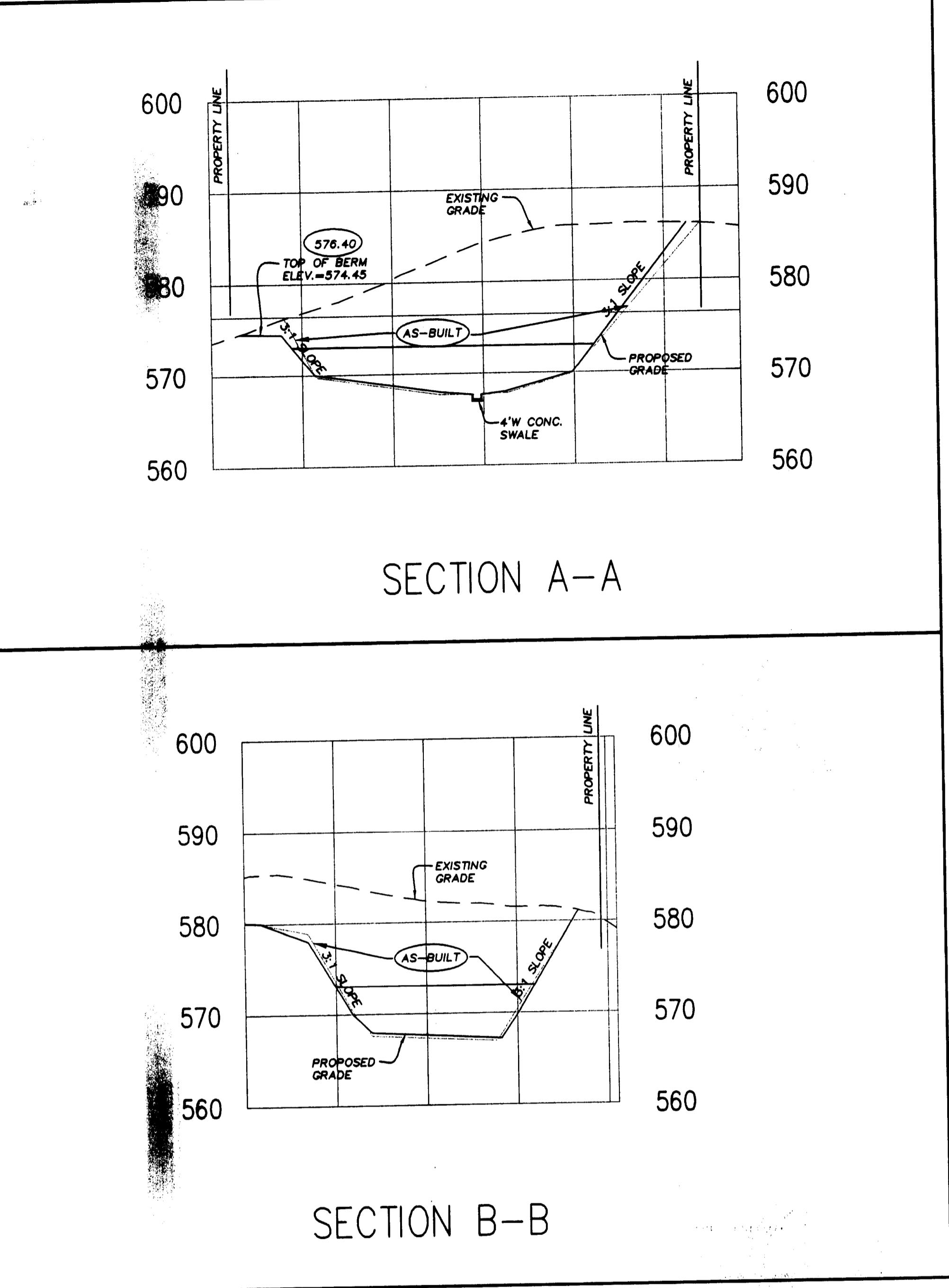
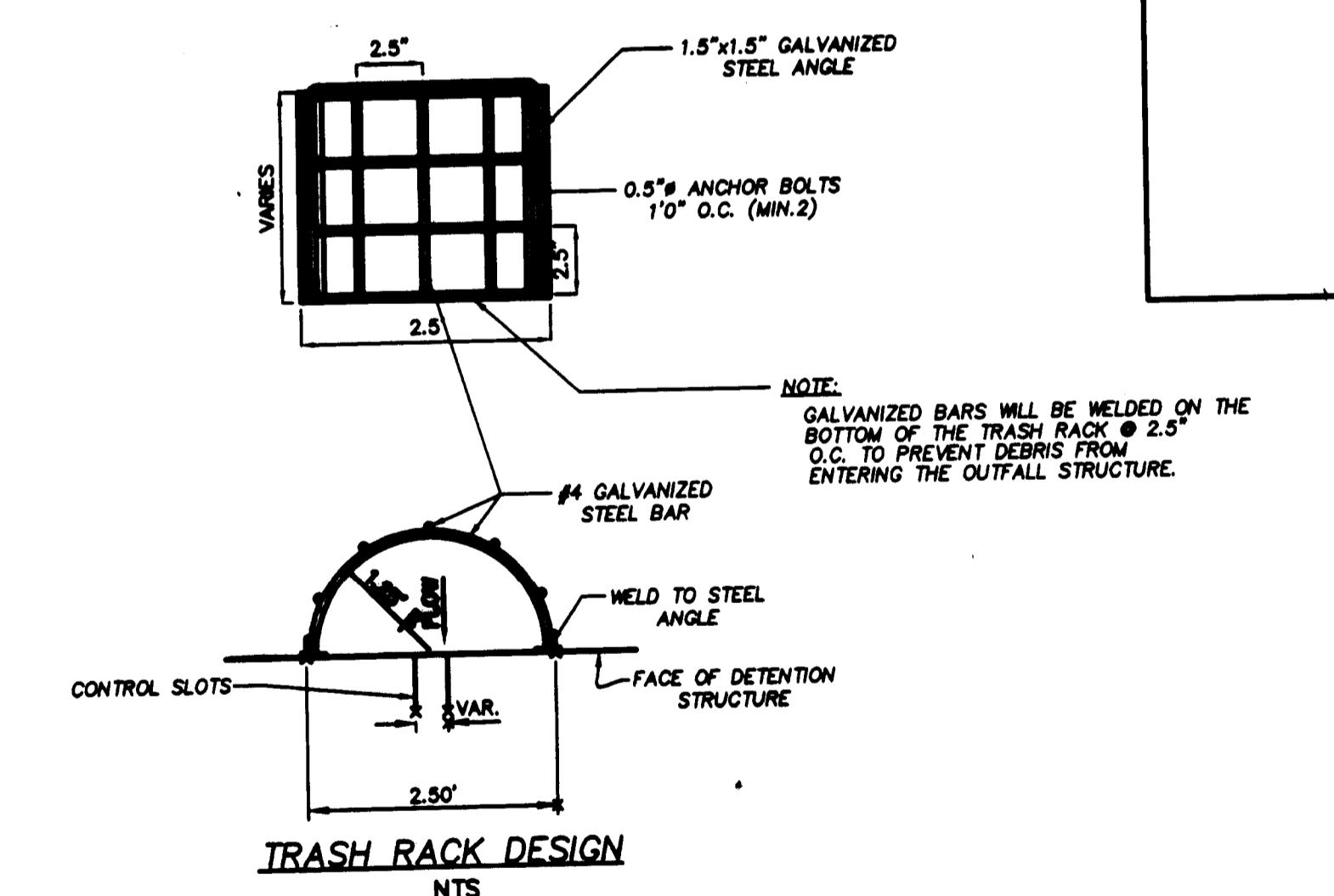
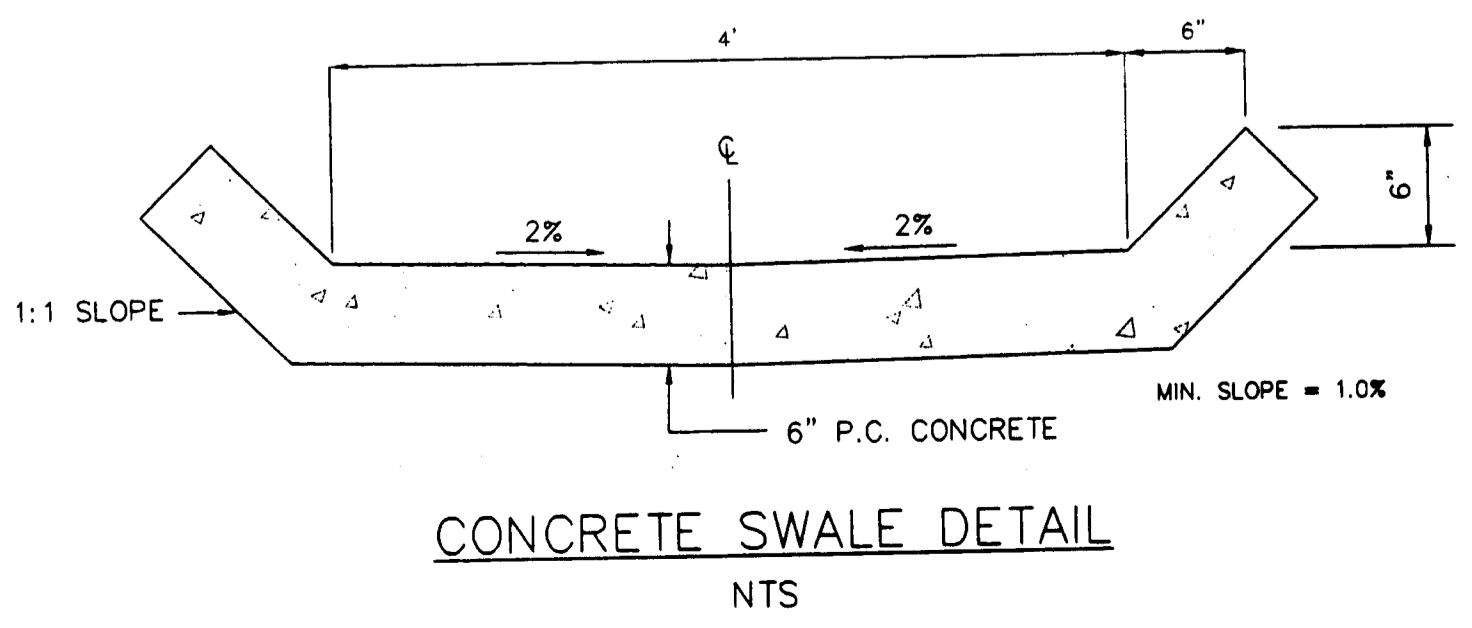
## **STORM SEWER PROFILES**

4	05	084
S.D.	SHEET	
FILE LOCATION		9
R=STERLING-2		15
DRAWING NAME.DWG		

## over Addition is also a type



## OUTFALL STRUCTURE DETAIL



## DETENTION CROSS SECTIONS

HORIZONTAL SCALE: 1"=50'  
VERTICAL SCALE: 1"=10'

ISSUE DATE	REMARKS/DATE
1	REV PER DUCETT CREEK SANITARY AND WATER DISTRICT COMMENTS 9-28-05
2	REV PER CITY OF OFALON
3	REV PER DUCETT CREEK SANITARY AND WATER DISTRICT 10-17-05
4	REV PER DUCETT CREEK SANITARY AND WATER DISTRICT 10-24-05
5	REV PER PUBLIC WATER DISTRICT NO. 2 11-1-05
6	REV PER CITY OF OFALON, 12-20-05
7	REV PER CITY OF OFALON, 1-2-06
8	REV PER CITY OF OFALON, 2-2-06

**McBride & Son Homes Land Development, Inc.**  
#1 McBride & Son Center Drive  
Chesterfield, MO 63005  
636 531-2000

**STERLING CO.**  
ENGINEERS & SURVEYORS  
5055 NEW BAUMGARTNER ROAD  
ST. LOUIS, MISSOURI 63129  
(314) 487-0440 FAX: 487-8944  
E-Mail: Sterling@sterling-eng-sus.com

**FOX HAVEN ADDITION**  
AS-BUILT  
SANITARY AND STORM SEWER  
FINAL MEASUREMENT PLAT

DRAWN:	THE STERLING COMPANY
DESIGNED:	By George L. Power, PE President
CHECKED:	George L. Power, PE President

PROJECT: THE STERLING COMPANY  
SHEET TITLE: DETENTION BASIN SECTIONS & OUTFALL STRUCTURE DETAILS  
SHEET NO.: 04 05 084  
M.S.D.: 12 OF 15  
P.W.:  
DIGITAL FILE LOCATION: SERVER-STERLING-2  
DATA ENTERED BY: GEORGE L. POWER  
DATE ENTERED: NAME DW

BASE MAP  
Foxhaven Addition as built

NO. 04	05	084
M.S.D.		
P.W.		
DIGITAL FILE LOCATION:	SERVER-STERLING-2	
DATA ENTERED BY:	GEORGE L. POWER	
DATE ENTERED:	NAME DW	