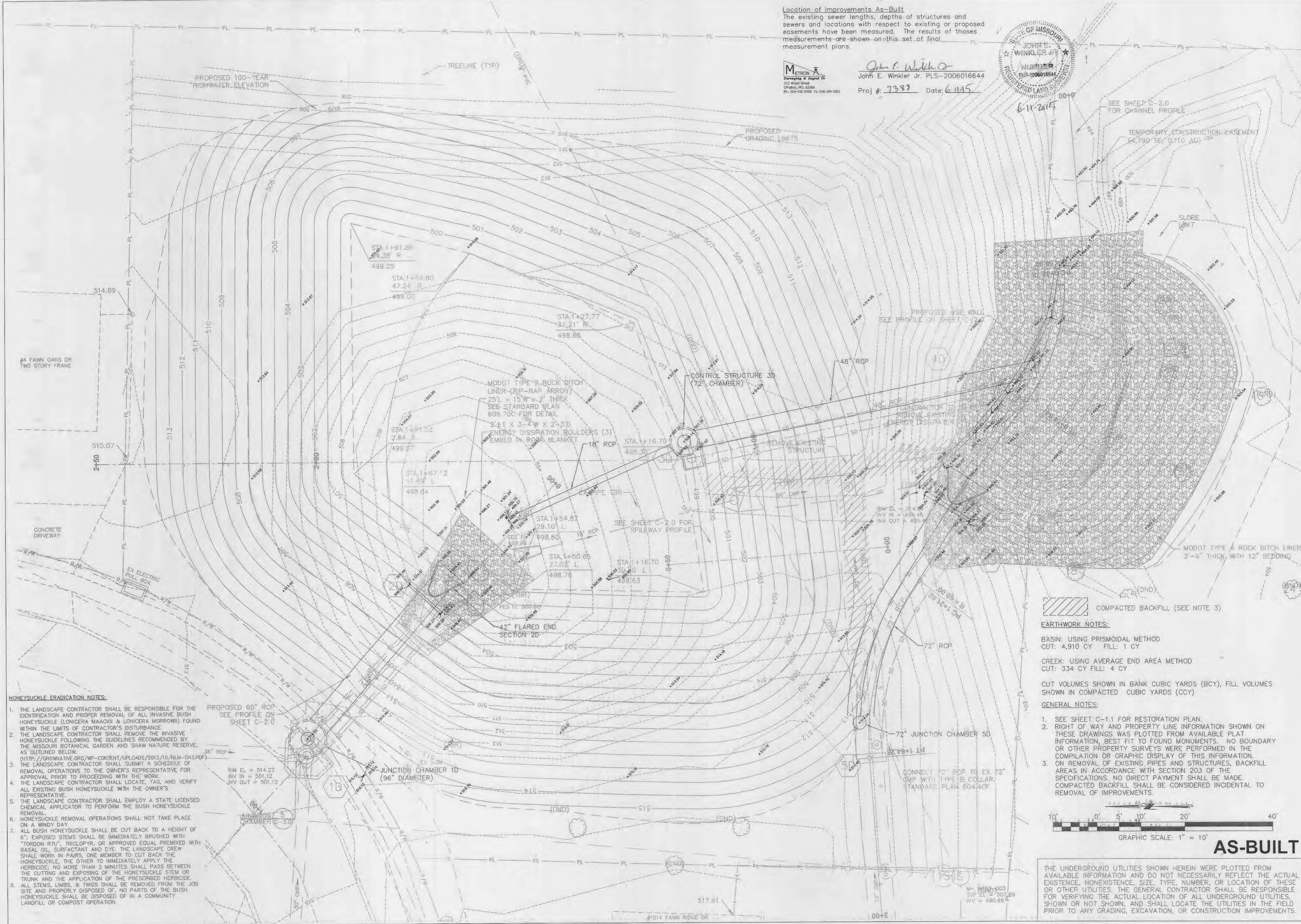


Location of Improvements As-Built
 The existing sewer lengths, depths of structures and sewers and locations with respect to existing or proposed easements have been measured. The results of those measurements are shown on this set of final measurement plans.

John E. Winkler Jr.
 John E. Winkler Jr. PLS-2006016644
 Proj # 7389 Date: 6-11-15



- HONEYSUCKLE ERADICATION NOTES:**
1. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IDENTIFICATION AND PROPER REMOVAL OF ALL INVASIVE BUSH HONEYSUCKLE (LONICERA MAACKII & LONICERA MORROWII) FOUND WITHIN THE LIMITS OF CONTRACTOR'S DISTURBANCE.
 2. THE LANDSCAPE CONTRACTOR SHALL REMOVE THE INVASIVE HONEYSUCKLE FOLLOWING THE GUIDELINES RECOMMENDED BY THE MISSOURI BOTANICAL GARDEN AND SHAW NATURE RESERVE, AS OUTLINED BELOW. (<http://grownative.org/wp-content/uploads/2013/10/MLM-GH3.PDF>)
 3. THE LANDSCAPE CONTRACTOR SHALL SUBMIT A SCHEDULE OF REMOVAL OPERATIONS TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO PROCEEDING WITH THE WORK.
 4. THE LANDSCAPE CONTRACTOR SHALL LOCATE, TAG, AND VERIFY ALL EXISTING BUSH HONEYSUCKLE WITH THE OWNER'S REPRESENTATIVE.
 5. THE LANDSCAPE CONTRACTOR SHALL EMPLOY A STATE LICENSED CHEMICAL APPLICATOR TO PERFORM THE BUSH HONEYSUCKLE REMOVAL.
 6. HONEYSUCKLE REMOVAL OPERATIONS SHALL NOT TAKE PLACE ON A WINDY DAY.
 7. ALL BUSH HONEYSUCKLE SHALL BE CUT BACK TO A HEIGHT OF 6\"/>

EARTHWORK NOTES:

BASIN: USING PRISMOIDAL METHOD
 CUT: 4.910 CY FILL: 1 CY

CREEK: USING AVERAGE END AREA METHOD
 CUT: 334 CY FILL: 4 CY

CUT VOLUMES SHOWN IN BANK CUBIC YARDS (BCY), FILL VOLUMES SHOWN IN COMPACTED CUBIC YARDS (CCY)

GENERAL NOTES:

1. SEE SHEET C-1.1 FOR RESTORATION PLAN.
2. RIGHT OF WAY AND PROPERTY LINE INFORMATION SHOWN ON THESE DRAWINGS WAS PLOTTED FROM AVAILABLE PLAT INFORMATION, BEST FIT TO FOUND MONUMENTS. NO BOUNDARY OR OTHER PROPERTY SURVEYS WERE PERFORMED IN THE COMPILATION OR GRAPHIC DISPLAY OF THIS INFORMATION.
3. ON REMOVAL OF EXISTING PIPES AND STRUCTURES, BACKFILL AREAS IN ACCORDANCE WITH SECTION 203 OF THE SPECIFICATIONS. NO DIRECT PAYMENT SHALL BE MADE. COMPACTED BACKFILL SHALL BE CONSIDERED INCIDENTAL TO REMOVAL OF IMPROVEMENTS.

GRAPHIC SCALE: 1" = 10'

AS-BUILT

THE UNDERGROUND UTILITIES SHOWN HEREIN 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 SHALL LOCATE THE UTILITIES IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION, OR CONSTRUCTION IMPROVEMENTS.

JOB DATE:	09/02/13	DRAWN:	BMN
JOB #:	13006	CHECKED:	ART
CADD DATE/TIME:		APPROVED:	ART
CADD FILE:		Date:	Description
Rev:	0	05/24/14	Issued for Construction

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Expiration Date: _____

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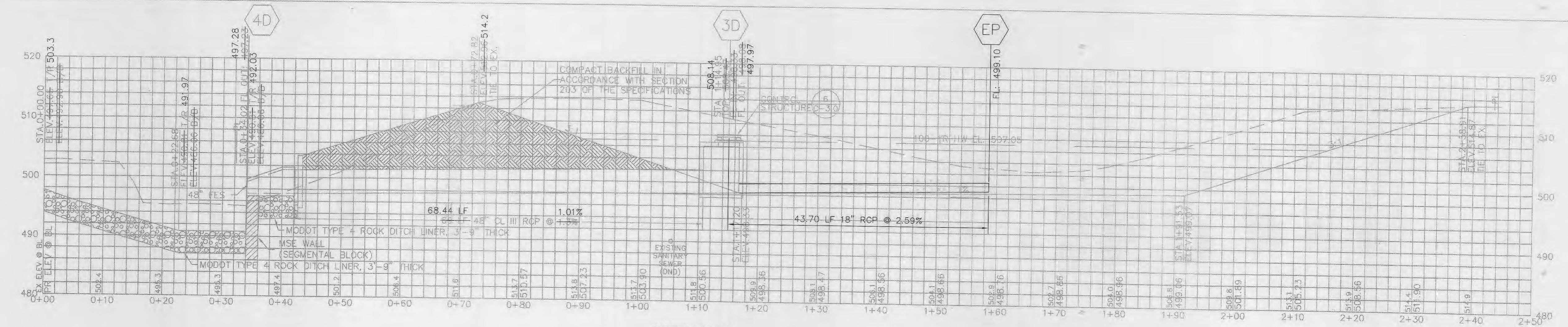
Grove Design Group, LLC
 MO Certificate of Authority
 3156 S. Grand Blvd.
 St. Louis, MO 63118
 Phone (314) 499-8247
 Fax (314) 335-6992

City of O'Fallon, Missouri
 100 North Main Street
 O'Fallon, MO 63366
 Phone (636) 240-2000
 Fax (636) 978-4144

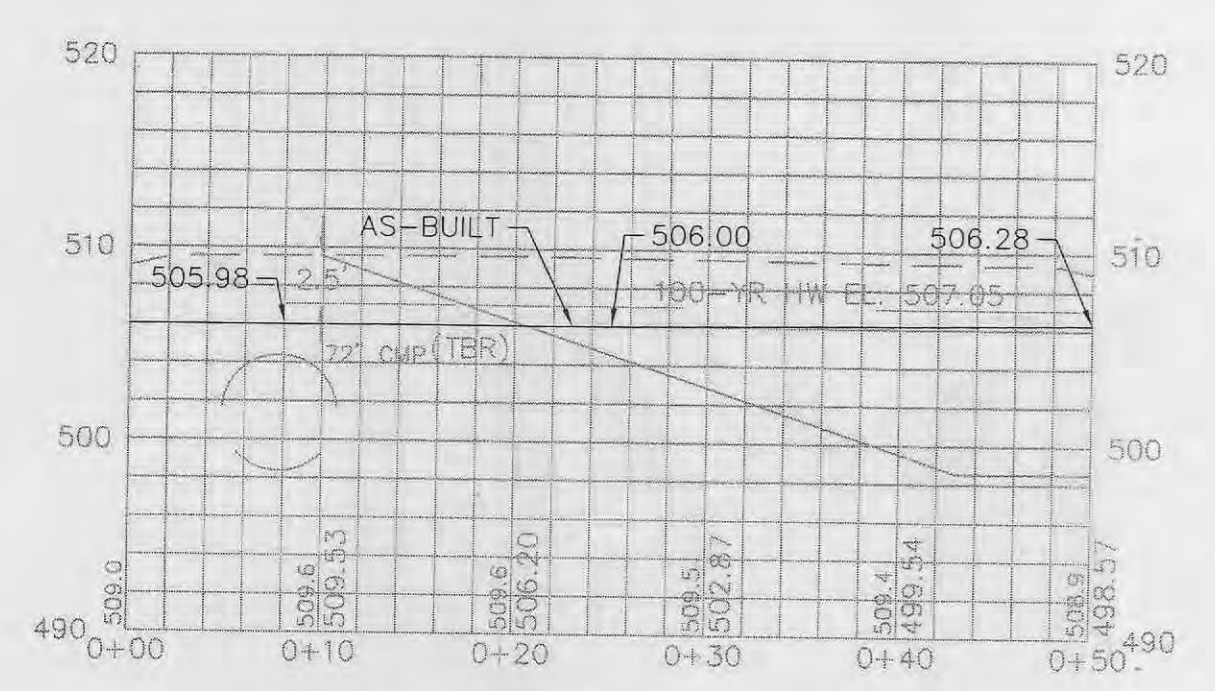
**FAWN OAKS DRIVE
 STORMWATER IMPROVEMENT PROJECT
 O'FALLON, ST. CHARLES COUNTY, MO**

PLAN SHEET

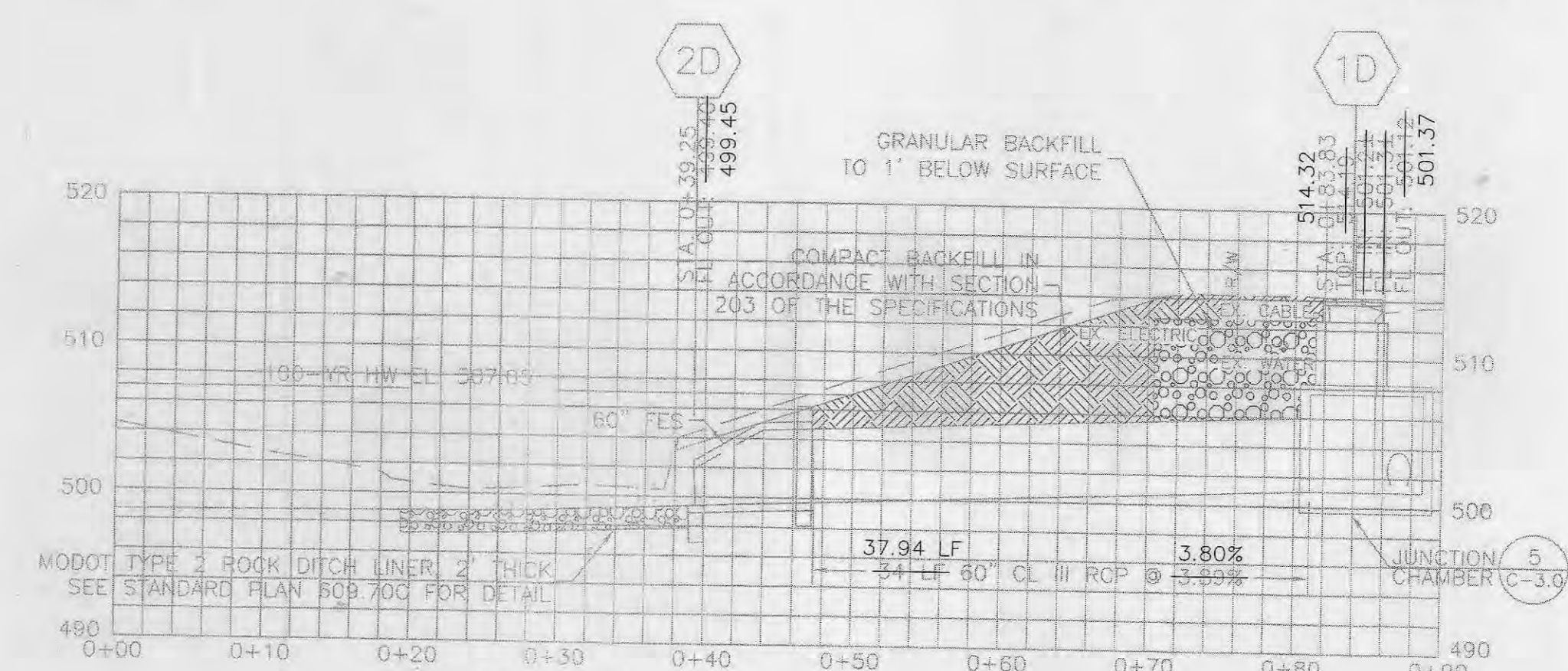
SHEET NUMBER:
C-1.0



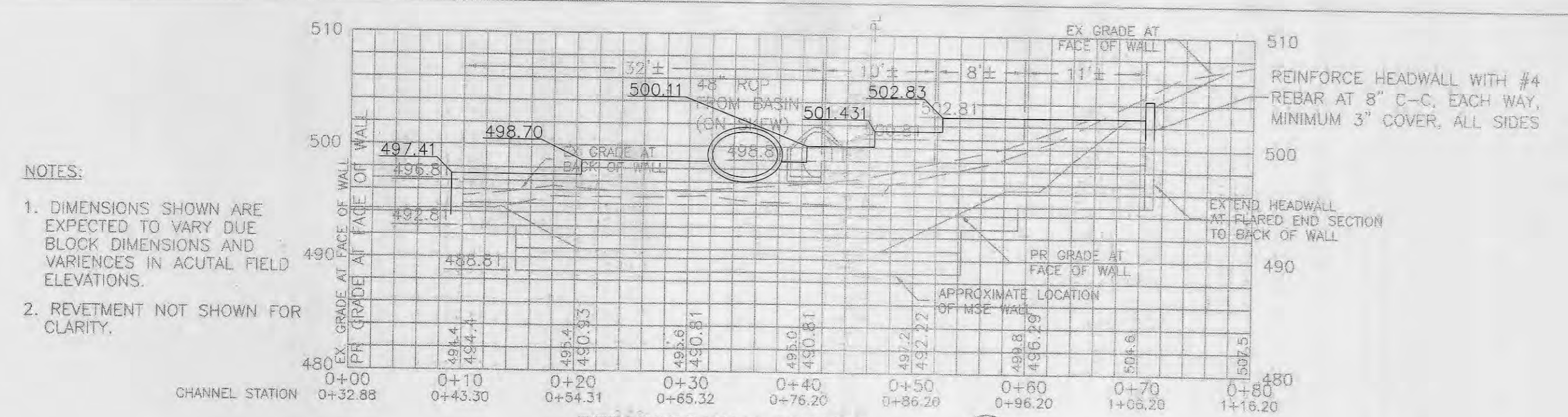
NORTH-SOUTH BASIN PROFILE
SCALE: 1" = 10' H & V



EMERGENCY SPILLWAY PROFILE
SCALE: 1" = 10' H & V



PROFILE OF 60" RCP
SCALE: 1" = 10' H & V

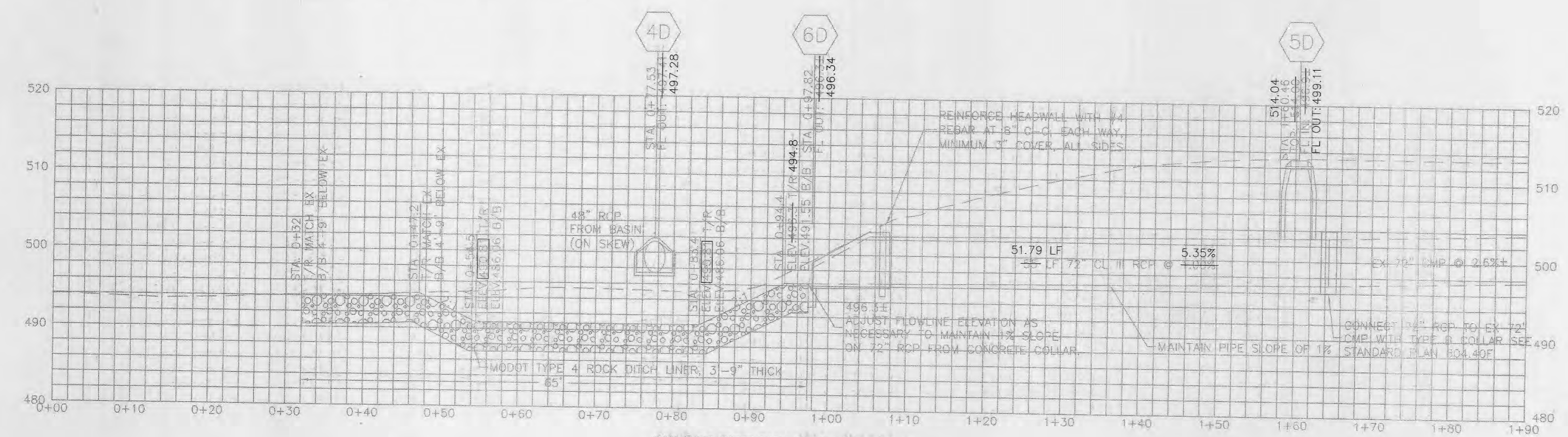


RETAINING WALL PROFILE
SCALE: 1" = 10' H & V

- NOTES:**
1. DIMENSIONS SHOWN ARE EXPECTED TO VARY DUE TO BLOCK DIMENSIONS AND VARIANCES IN ACTUAL FIELD ELEVATIONS.
 2. RETEVMENT NOT SHOWN FOR CLARITY.

LEGEND

- EXISTING GRADE AT BASELINE
- PROPOSED GRADE AT BASELINE
- PROPOSED 100-YEAR WATER SURFACE
- BOTTOM OF BEDDING
- TOP OF TYPE 4 ROCK DITCH LINER



72" RCP PIPE CULVERT PROFILE W/ RIP-RAP STILLING BASIN & APRON
SCALE: 1" = 10' H & V

Location of Improvements As-Built
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John E. Winkler Jr.
John E. Winkler Jr. PLS-2006016644
Proj # 7388 Date: 6-11-15

AS-BUILT

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JOB DATE: 08/02/13	DRAWN: ART
JOB #: 13006	CHECKED: BMN
CADD DATE/TIME:	APPROVED: ART
Rev	Date
0	08/24/14

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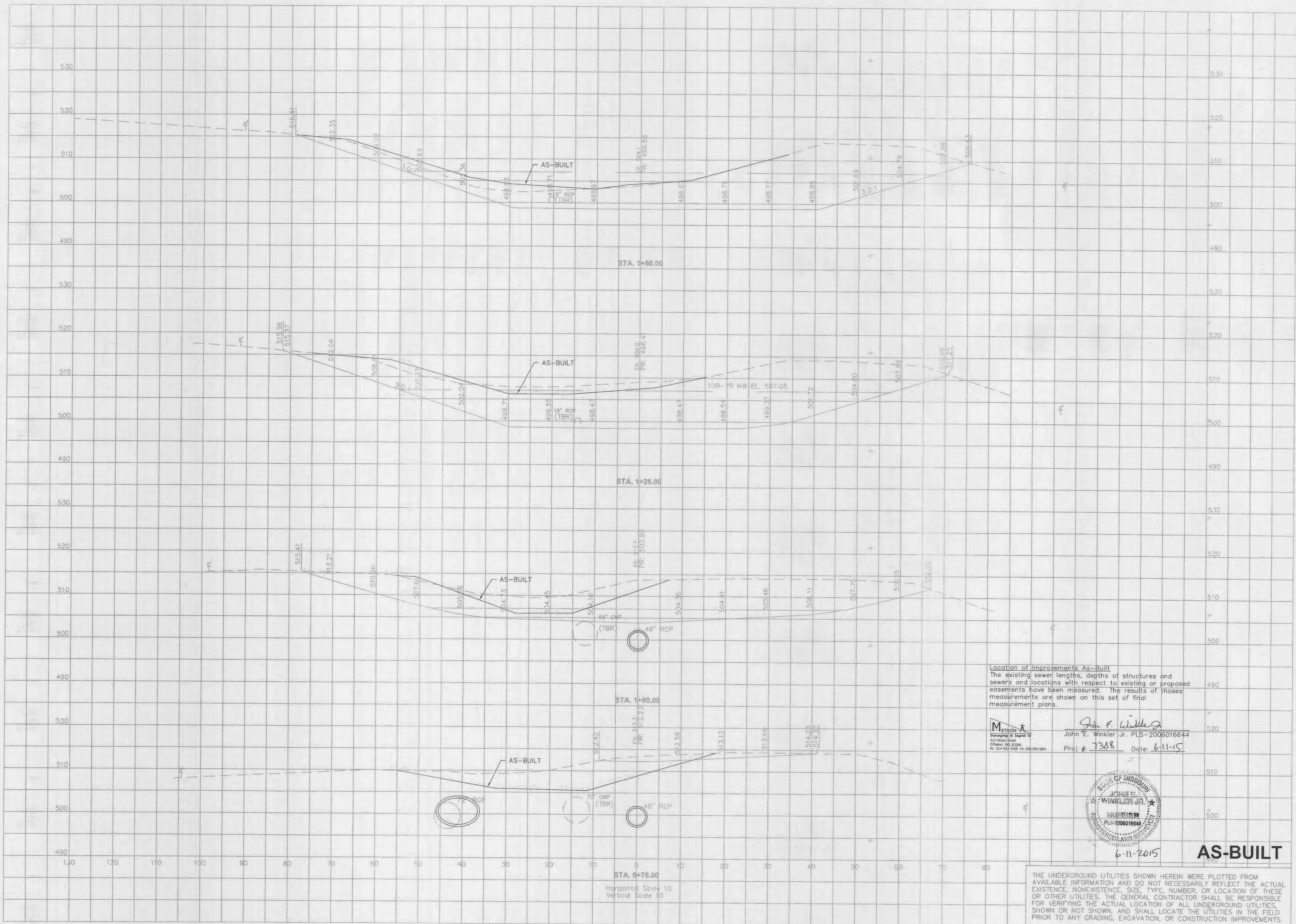
City of O'Fallon, MO
100 North Main Street
O'Fallon, MO 63366
Phone (636) 240-2000
Fax (636) 978-4144



FAWN OAKS DRIVE STORMWATER IMPROVEMENT PROJECT
O'FALLON, ST. CHARLES COUNTY, MO

BASIN PROFILE
SPILLWAY PROFILE
PIPE AND CREEK PROFILE

SHEET NUMBER:
C - 2.0



Location of Improvements As-Built
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John E. Winkler Jr.
 John E. Winkler Jr. PLS-2006016644
 Proj # 7308 Date: 6-11-15



AS-BUILT

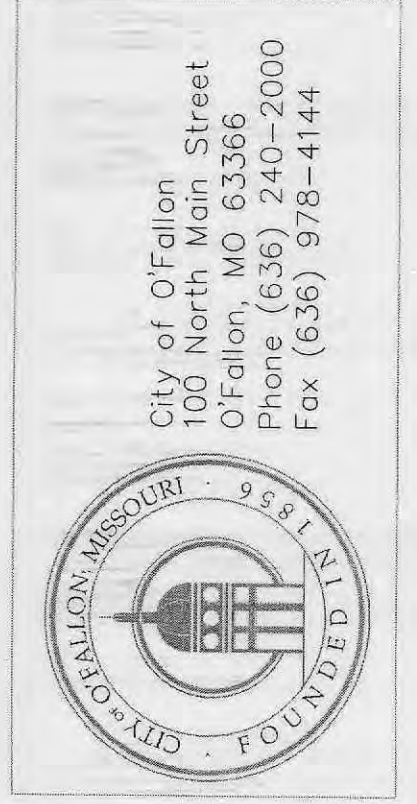
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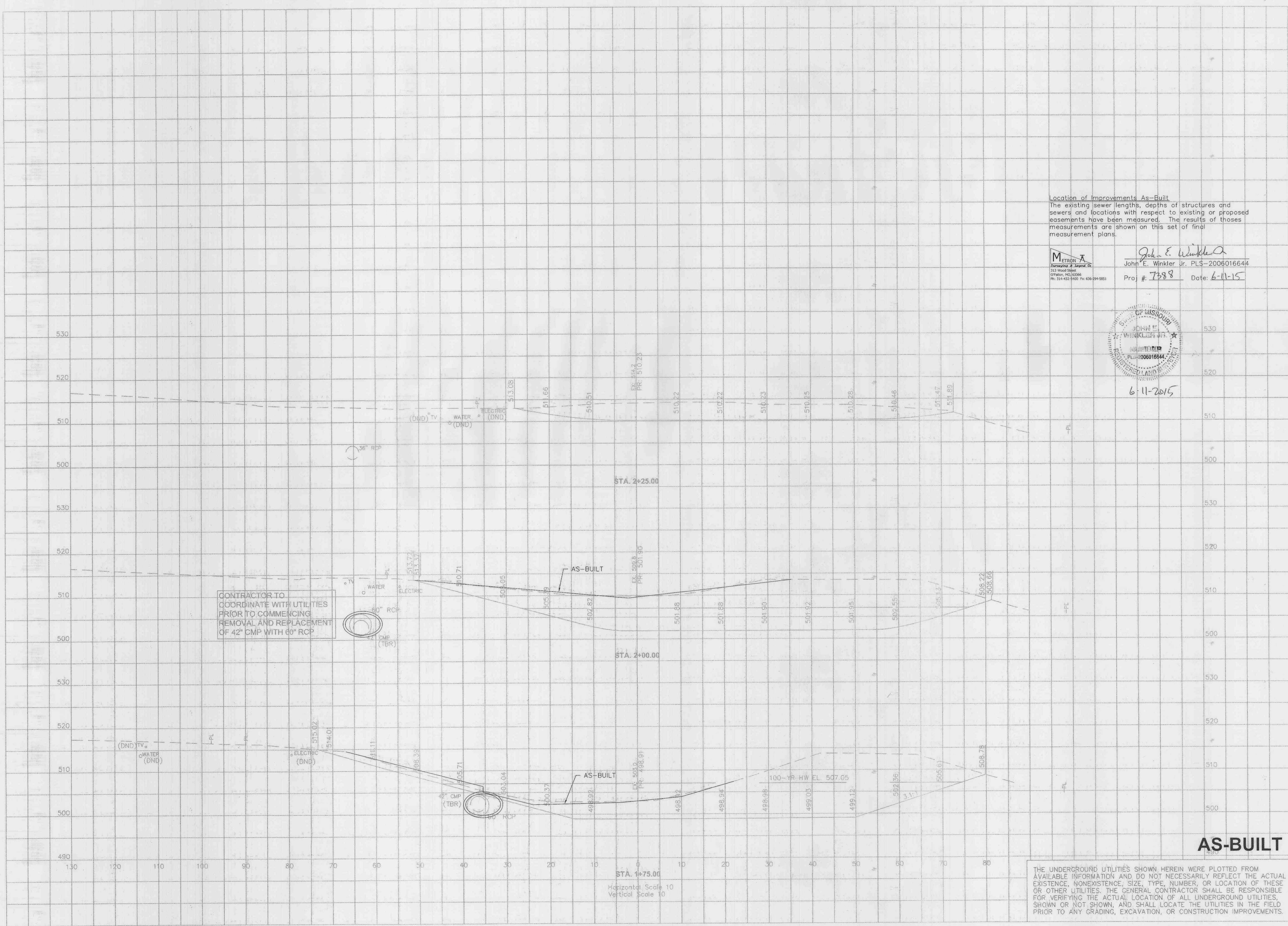
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City of Fallon, MO
 100 North Main Street
 OFallon, MO 63306
 Phone (636) 240-2000
 Fax (636) 978-4144



**FAWN OAKS DRIVE
 STORMWATER IMPROVEMENT PROJECT**
 OFALLON, ST. CHARLES COUNTY, MO

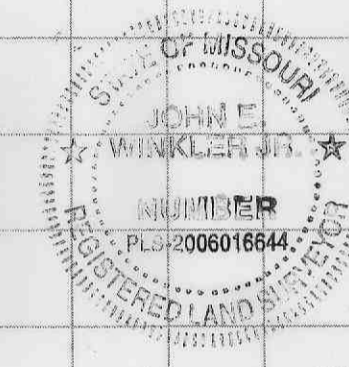
SHEET NUMBER
C - 2.1



Location of Improvements As-Built
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METRON
 Surveying & Landmark Co.
 111 Wood Street
 O'Fallon, MO 63366
 Ph: 314-432-5400 Fax: 636-291-9851

John E. Winkler Jr.
 John E. Winkler Jr., PLS-2006016644
 Pro: # 7388 Date: 6-11-15



CONTRACTOR TO COORDINATE WITH UTILITIES PRIOR TO COMMENCING REMOVAL AND REPLACEMENT OF 42" CMP WITH 60" RCP

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AS-BUILT

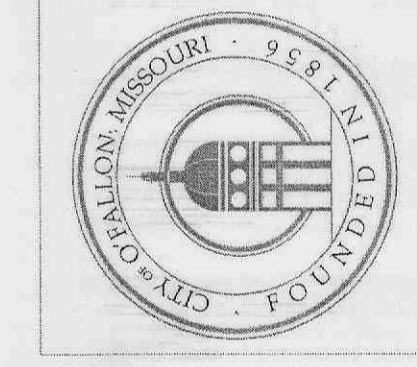
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FAWN OAKS DRIVE
STORMWATER IMPROVEMENT PROJECT
 O'FALLON, ST. CHARLES COUNTY, MO

BASIN SECTIONS
 SHEET 2 OF 2

SHEET NUMBER:
C - 2.2