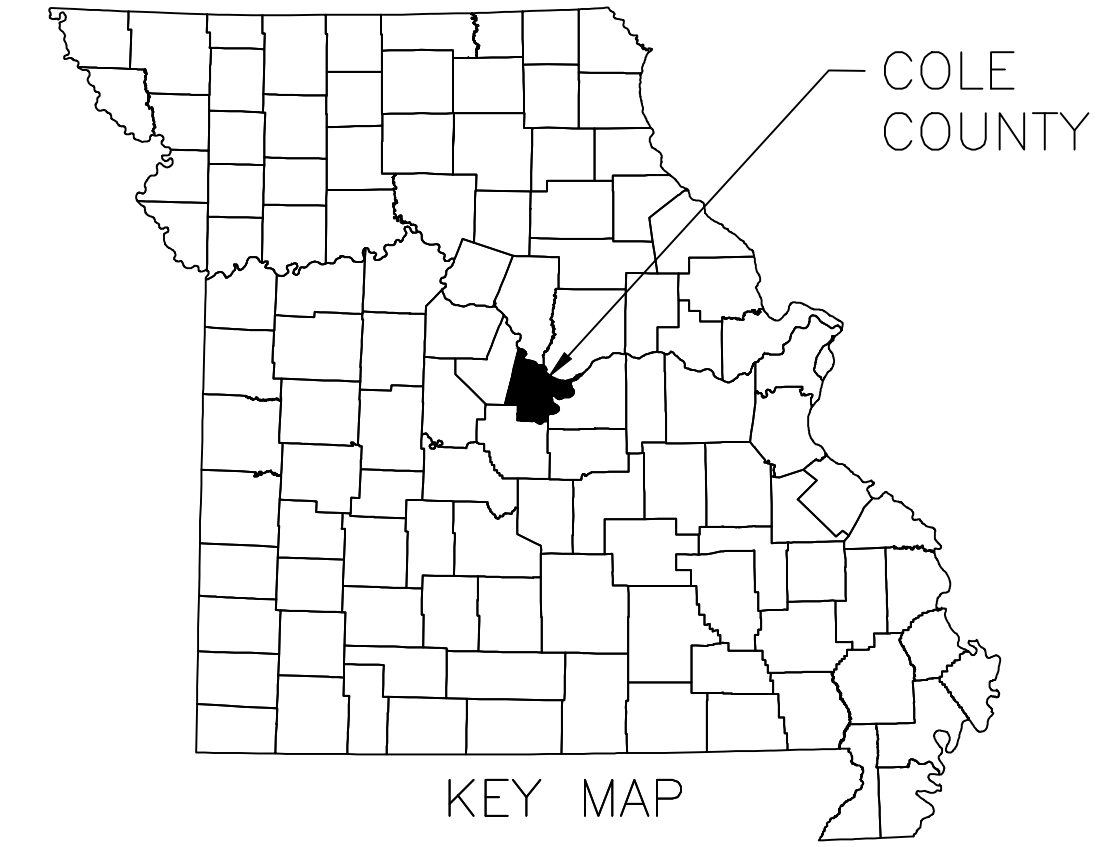


COLE COUNTY, Missouri

Department of Public Works



CHARM VILLA DRIVE STORMWATER IMPROVEMENT PROJECT

PROJECT NO. 2017-201-0

JULY 2017

UTILITY CONTACTS:

City of Jefferson – Wastewater
Eric Seaman
320 East McCarty Street
Jefferson City, MO 65101
573-634-6443

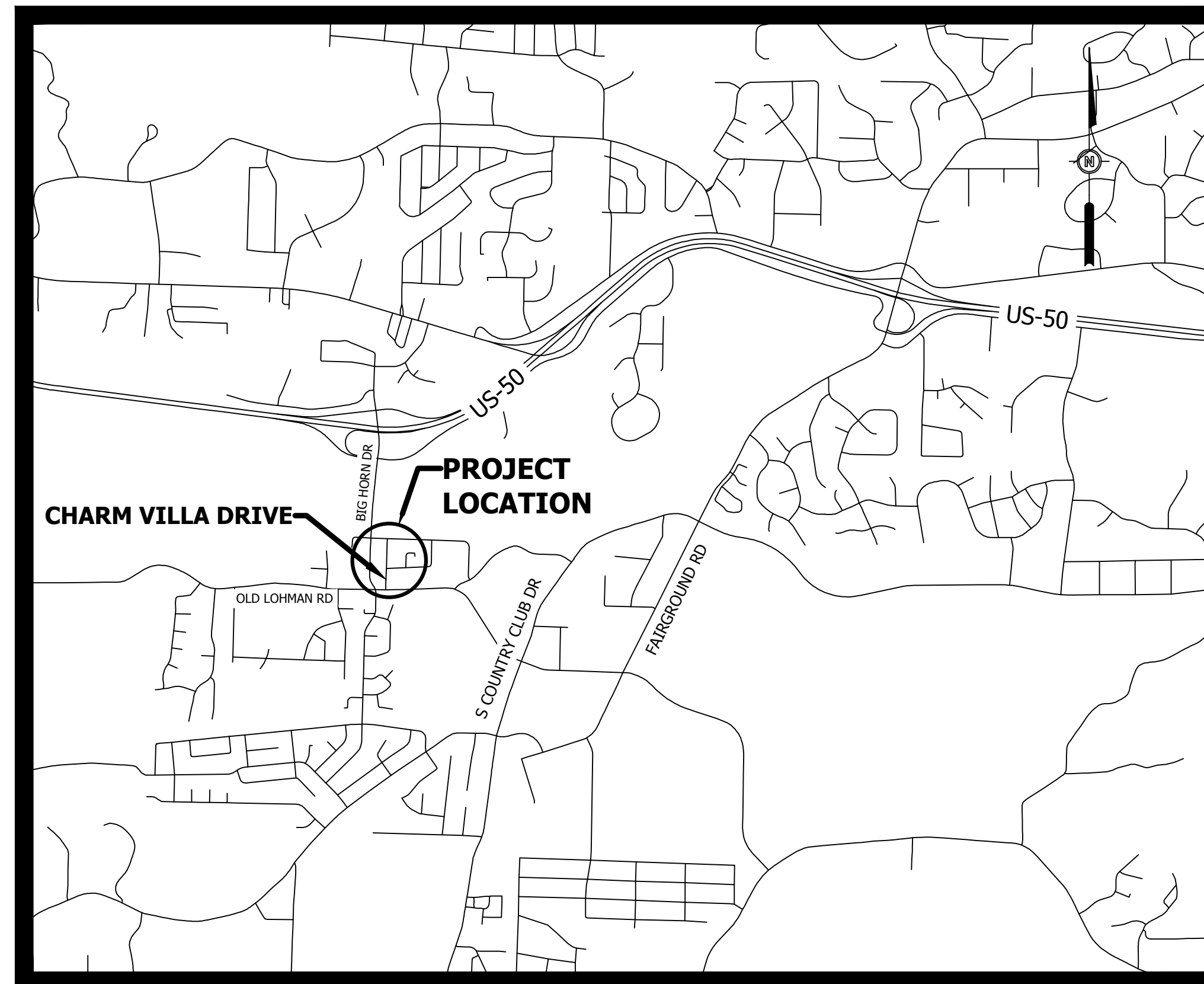
PWSD No. 1
David Kempf
4346 Rainbow Drive
Jefferson City, MO 65109
573-893-2848

Mediacom
Bob Boner
1211 Wilkes Boulevard
Columbia, MO 65201
573-489-1937

Ameren Missouri – Gas
Jake Martin
PO Box 1558
Jefferson City, MO 65102
573-681-7550 (office)
573-291-1978 (mobile)

CenturyLink
Tim McKinney
3546 North Ten Mile Drive
Jefferson City, MO 65109
573-635-1147

Three Rivers Electric CO-OP
Ted Neuner
4800 Route E
Jefferson City, MO 65109
573-644-9000



LOCATION MAP

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES
3	PLAN & PROFILE

APPROVED BY
COLE COUNTY, MISSOURI

Eric Landwehr

7/7/17

COLE COUNTY PUBLIC WORKS:
ERIC LANDWEHR, P.E., COUNTY ENGINEER

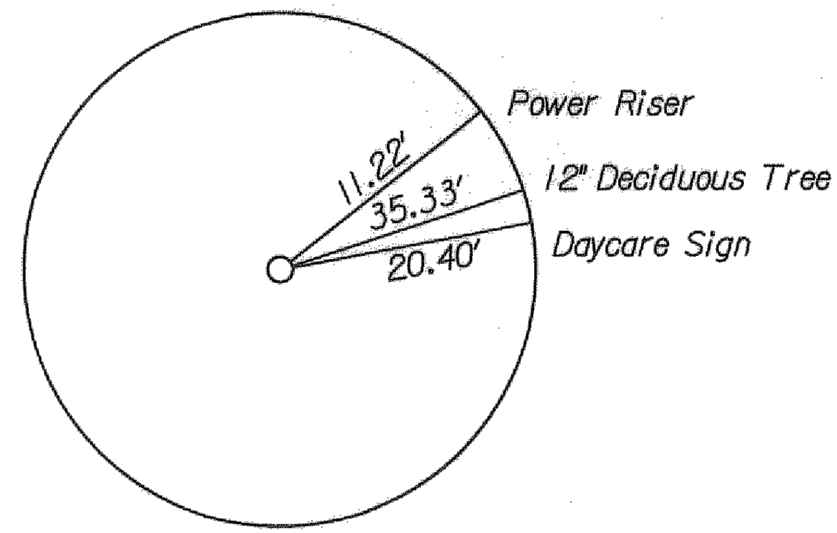
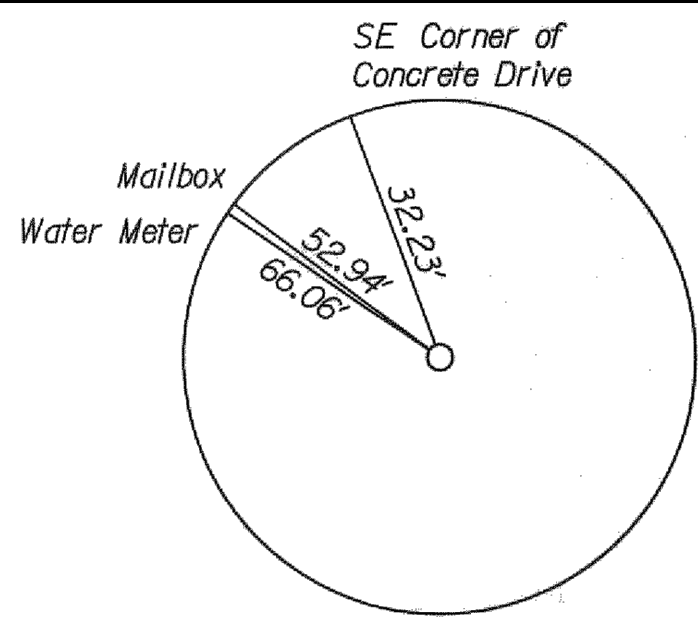
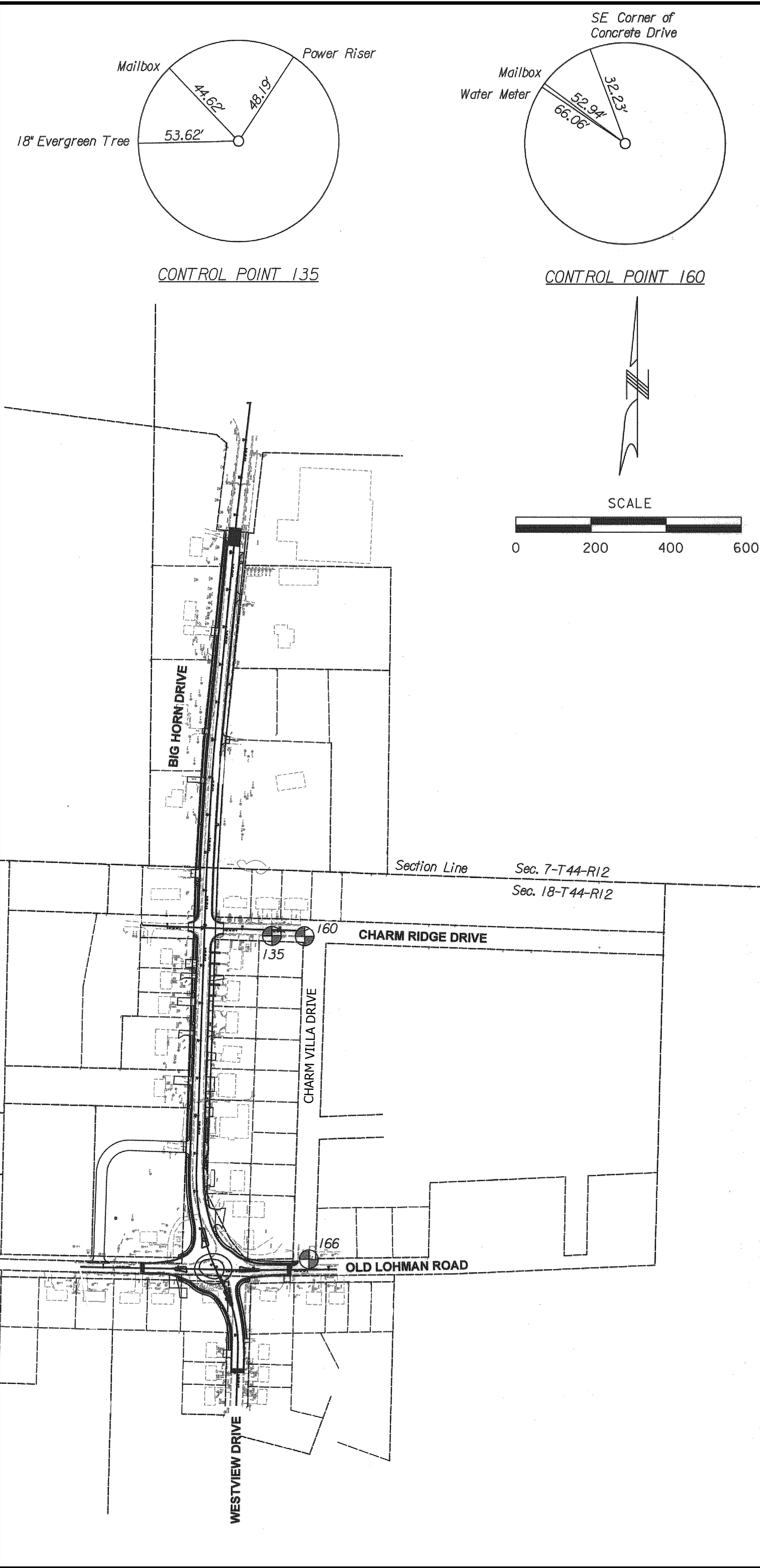
DATE

CALL OR CLICK 3 DAYS BEFORE YOU DIG!
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www.mo1call.com

BARTLETT & WEST
 1719 SOUTHRIDGE DR., SUITE 100 • JEFFERSON CITY, MO 65109-4000
 PHONE 573.634.3181 • FAX 573.634.7904
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TITLE SHEET
 CHARM VILLA DRIVE
 STORMWATER IMPROVEMENT PROJECT
 COLE COUNTY, MISSOURI

SEALED DATE:	7/7/17
DESIGNED BY:	AKJ
DRAWN BY:	JAG
APPROVED BY:	TCK
DESIGN PROJ:	15937.002
DATE:	JULY 2017
DRAWING NO:	1
SHEET NO:	1 of 3

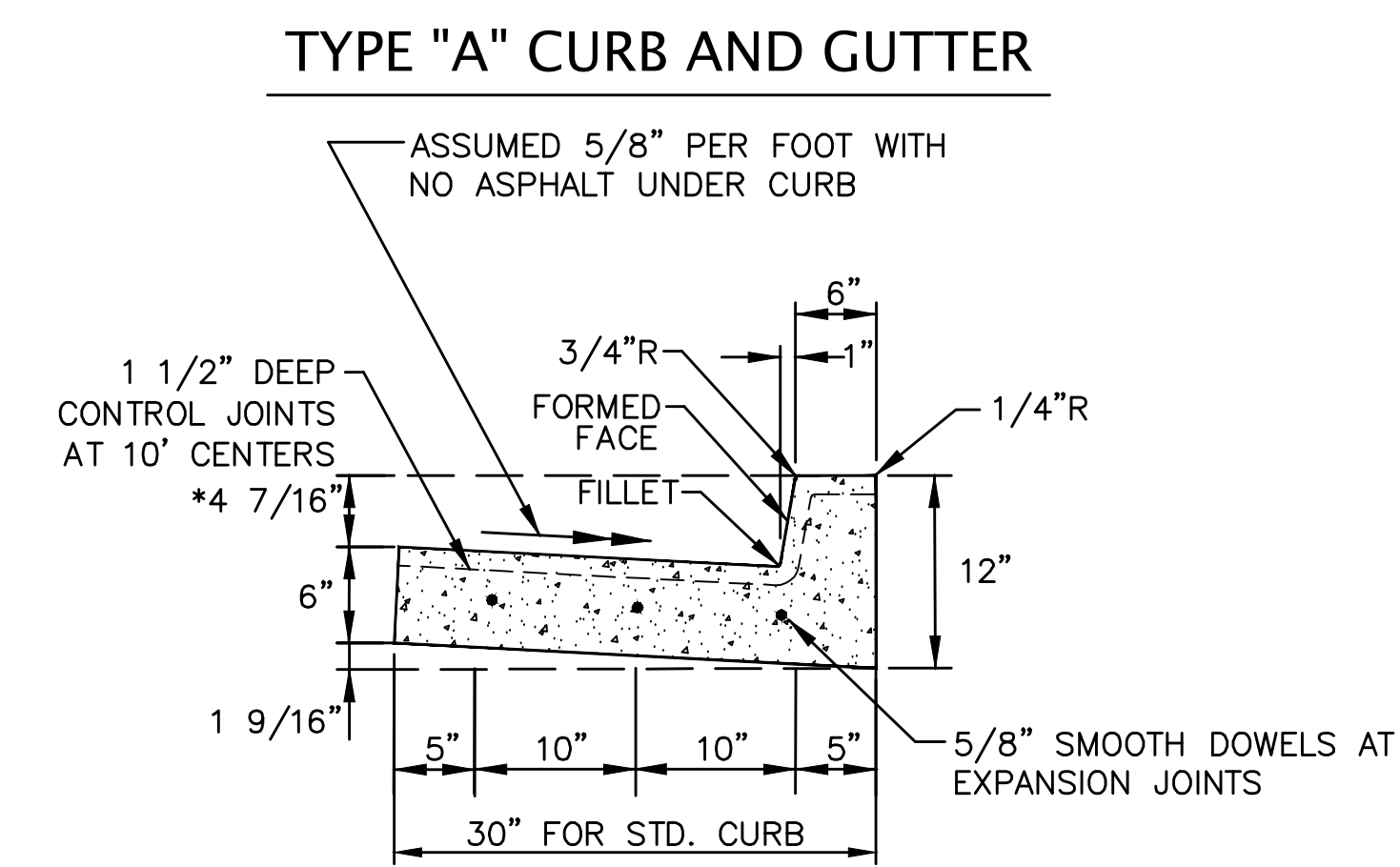
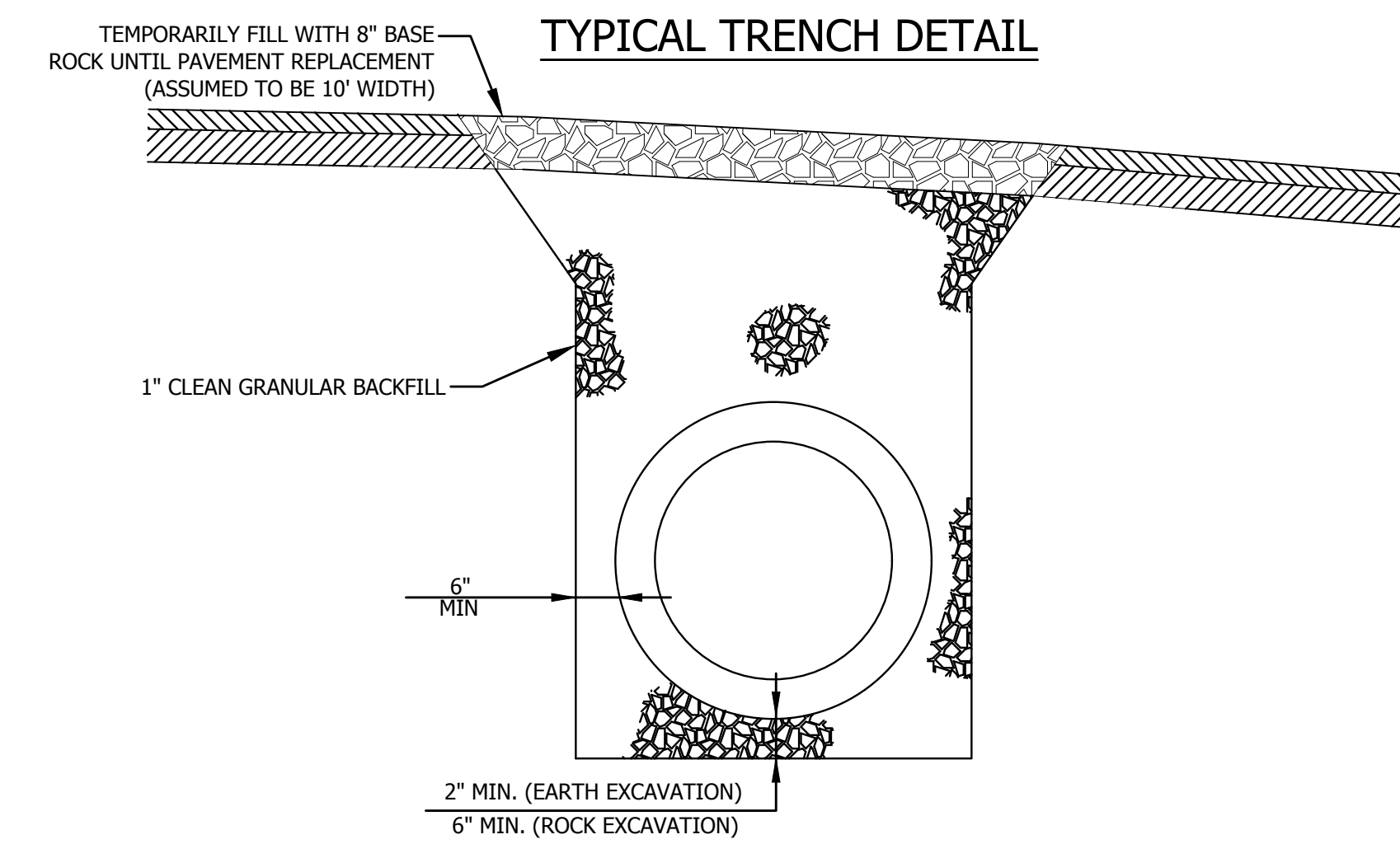
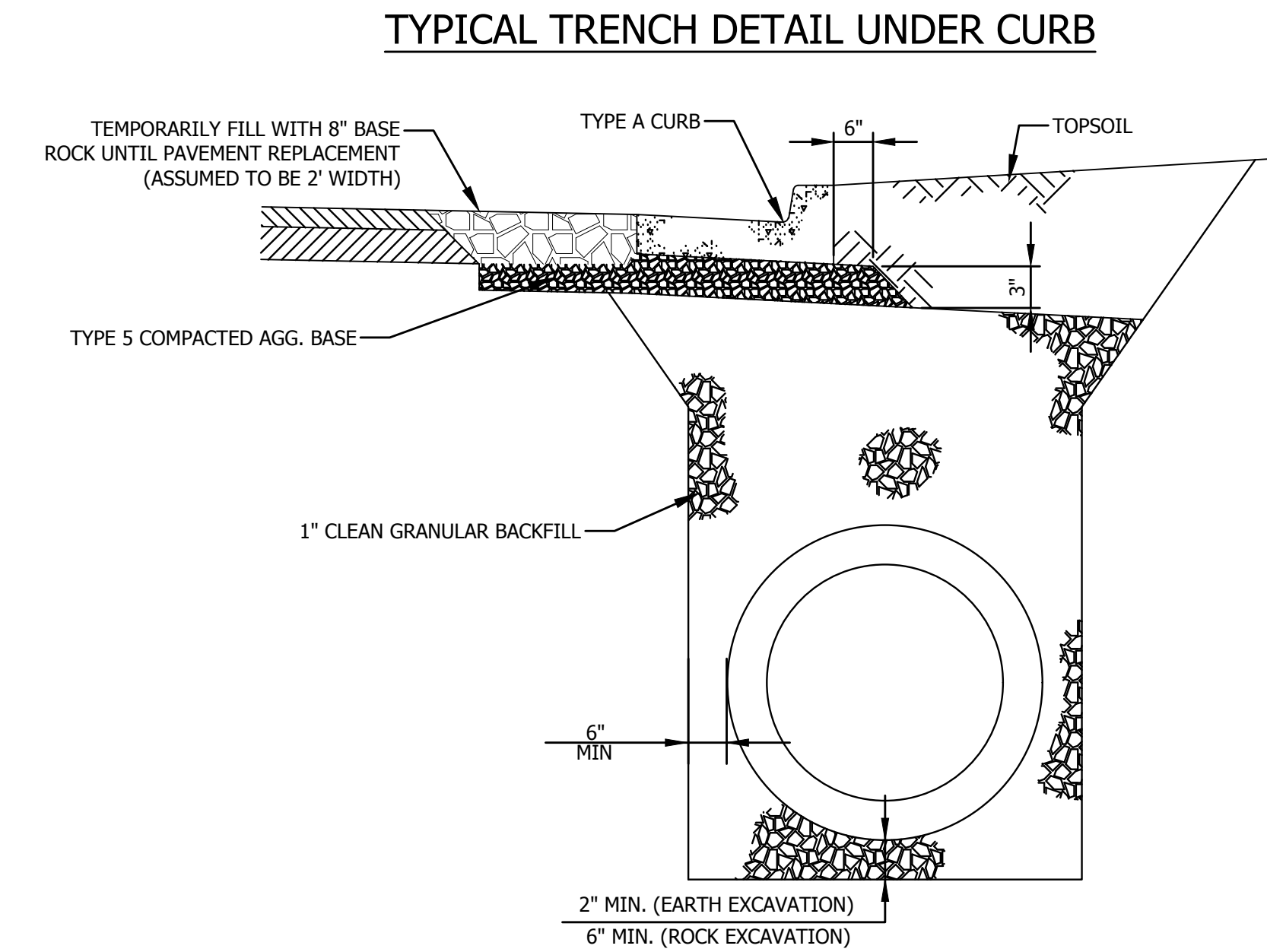


SURVEY BENCHMARKS				
POINT NO.	DESCRIPTION	NORTHING	EASTING	ELEVATION
135	Sq. Cut on Top of Curb	997029.719	1700743.080	777.16
160	PK Nail	997028.865	1700830.236	770.84
166	PK Nail	996170.160	1700841.157	811.9

GENERAL NOTES

- A. VERIFYING THE LOCATIONS OF THE UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ANY DAMAGE TO EXISTING OR PROPOSED FACILITIES, STRUCTURES OR UTILITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. NOTIFY MISSOURI ONE CALL FOR LOCATION OF THE UTILITIES AT LEAST 5 DAYS PRIOR TO CONSTRUCTION.
- B. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ALL DAMAGE TO PROPERTY OUTSIDE LIMITS OF CONSTRUCTION AT THE CONTRACTOR'S EXPENSE.
- C. REPORT ANY DISCREPANCIES FOUND WITH REGARD TO EXISTING CONDITIONS OR PROPOSED DESIGN IMMEDIATELY TO THE ENGINEER.
- D. DO NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHERE DISCREPANCIES EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REVISIONS TO THE WORK WHEN NO NOTICE WAS GIVEN TO THE ENGINEER.
- E. THE GENERAL CONTRACTOR SHALL COORDINATE OTHER SITE RELATED OPERATIONS PERFORMED BY OTHER CONTRACTORS OR UTILITY COMPANIES TO ACCOMPLISH THE WORK.
- F. CONTRACTOR SHALL PROTECT ALL EXISTING FACILITIES TO REMAIN INCLUDING ON-SITE PRIVATE AND PUBLIC PROPERTY.
- G. ALL WORK SHALL BE IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND ORDINANCES.
- H. LEAVE AREAS OF DEMOLITION IN A NEAT AND SAFE CONDITION AT THE END OF EACH WORK DAY. CONTRACTOR SHALL BARRICADE AREAS OF DEMOLITION AS NECESSARY TO PROTECT THE GENERAL PUBLIC. MAINTAIN SAFE PUBLIC ACCESS TO RESIDENCES.
- I. LEGALLY DISPOSE OF ALL DEMOLITION ITEMS OFF SITE UNLESS NOTED TO RETURN ITEMS TO THE COUNTY.
- J. ALL REMOVALS ADJACENT TO EXISTING PAVEMENT TO REMAIN SHALL BE ISOLATED BY SAWCUTS. SAWCUTS SHALL BE A MINIMUM OF THE PAVEMENT THICKNESS.
- K. UNLESS OTHERWISE SPECIFIED, ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND THE JEFFERSON CITY STANDARD PLANS.
- L. ALL STORM INLET LIDS AND BOXES MUST BE CAST-IN-PLACE.
- M. ALL COORDINATES ARE PROVIDED TO THE CENTER OF THE INLET OR JUNCTION STRUCTURE AND TO THE CENTER OF THE END SECTION AT THE CONNECTION POINT WITH THE PIPE.

BID ITEMS			
Item No.	Description	Quantity	Unit
1	Mobilization	1	LS
2	Removal of Improvements	1	LS
3	Earthwork	1	LS
4	8" Base Rock	39	TON
5	6" PCC Residential Drive	48	SY
6	6" PCC Residential Drive Approach	32	SY
7	Type A Curb and Gutter	387	LF
8	4" PCC Concrete Pads	9	SY
9	6'x4' Type A Curb Inlet	1	EA
10	6'x4' Type C Curb Inlet	2	EA
13	36" RCP	180	LF
14	42" RCP	101	LF
15	36" Flared End Section	1	EA
16	42" Flared End Section	1	EA
17	Traffic Control	1	LS
18	Erosion Control	1	LS
19	Finish Seed	1	LS



NOTES:

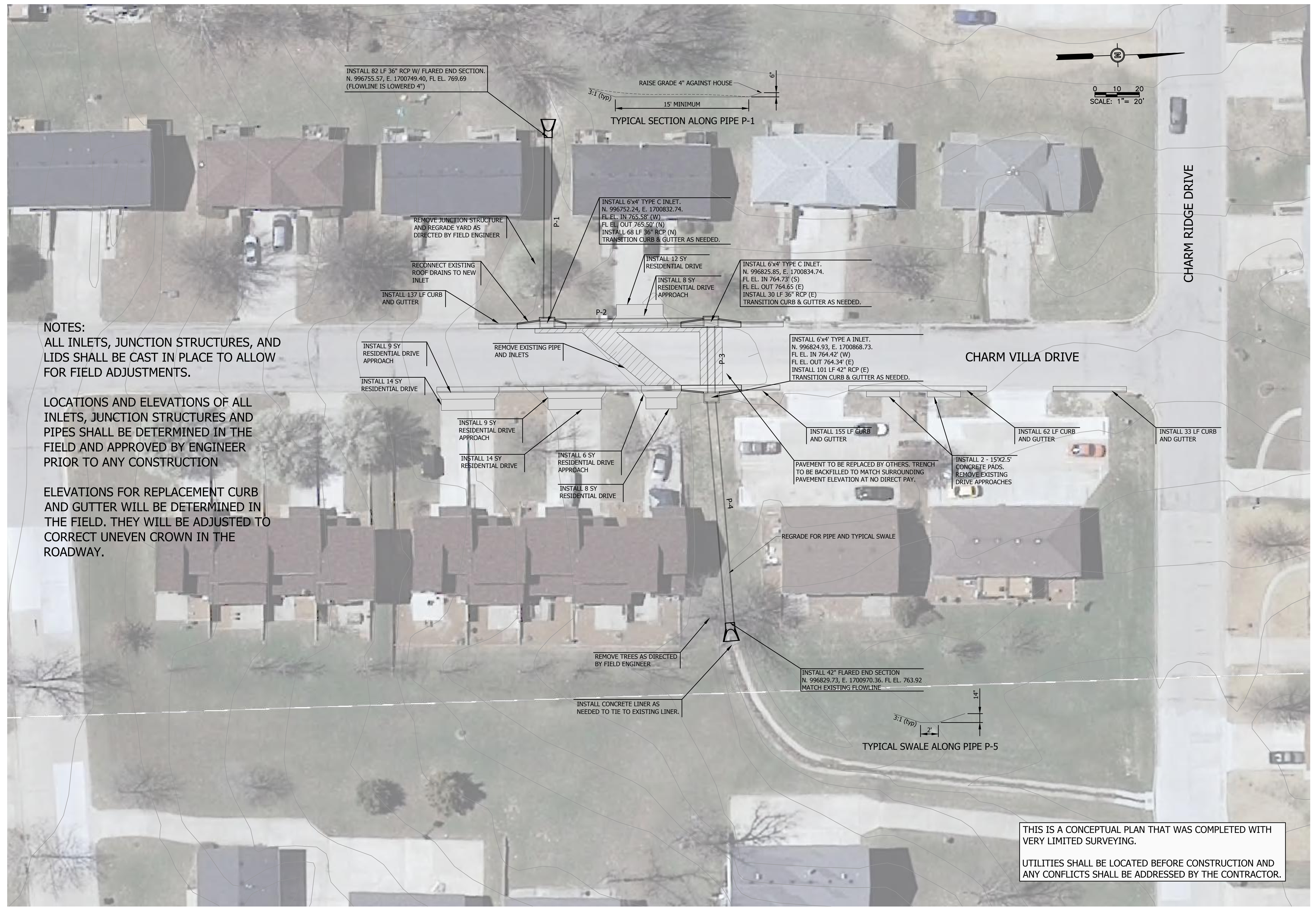
- 1. EXPANSION JOINTS SHALL BE INSTALLED AT CURB RETURN RADIUS POINTS AND AT DRIVE APPROACHES, THESE 1/2" FELT EXPANSION JOINTS SHALL HAVE 5/8" x 18" SMOOTH DOWELS, THESE DOWELS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
- 2. CONTROL JOINTS MAY BE SAWED, OR PRE-FORMED.
- 3. CURB PAN CAN BE CONSTRUCTED AT 2.0% CROSS SLOPE WITH ASPHALT UNDER PROPOSED CURB.
- * ASSUMED 4 7/16" FROM EDGE OF PAVEMENT TO BACK OF CURB ELEVATION. IF DIFFERENT, BACK OF CURB AND DEPENDENT ELEVATIONS SHOULD BE ADJUSTED ACCORDINGLY.

BARTLETT & WEST
 1719 BOUTHROD DR., SUITE 100 - JEFFERSON CITY, MO 65109-4000
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 MISSOURI CERTIFIED #010107 - ENGINEERING
 WWW.BARTLETTWEST.COM

GENERAL NOTES
 CHARM VILLA DRIVE
 STORMWATER IMPROVEMENT PROJECT
 COLE COUNTY, MISSOURI

SEALED DATE: 7/7/17
 DESIGNED BY: AKJ
 DRAWN BY: JAG
 APPROVED BY: TCK
 DESIGN PROJ: 15937.002
 DATE: JULY 2017
 DRAWING NO: 2
 SHEET NO: 2 of 3

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NOTES:
 ALL INLETS, JUNCTION STRUCTURES, AND LIDS SHALL BE CAST IN PLACE TO ALLOW FOR FIELD ADJUSTMENTS.

LOCATIONS AND ELEVATIONS OF ALL INLETS, JUNCTION STRUCTURES AND PIPES SHALL BE DETERMINED IN THE FIELD AND APPROVED BY ENGINEER PRIOR TO ANY CONSTRUCTION

ELEVATIONS FOR REPLACEMENT CURB AND GUTTER WILL BE DETERMINED IN THE FIELD. THEY WILL BE ADJUSTED TO CORRECT UNEVEN CROWN IN THE ROADWAY.

THIS IS A CONCEPTUAL PLAN THAT WAS COMPLETED WITH VERY LIMITED SURVEYING.
 UTILITIES SHALL BE LOCATED BEFORE CONSTRUCTION AND ANY CONFLICTS SHALL BE ADDRESSED BY THE CONTRACTOR.

#	DATE	DESCRIPTION

BARTLETT & WEST
 1719 BOUTHRODGE DR., SUITE 100 - JEFFERSON CITY, MO 65109-4000
 PHONE 573.634.3181 - FAX 573.634.7904
 MISSOURI CERTIFICATE # 00107 - ENGINEERING
 WWW.BARTLETTWEST.COM

PLAN
 CHARM VILLA DRIVE
 STORMWATER IMPROVEMENT PROJECT
 COLE COUNTY, MISSOURI

SEALED DATE:	7/7/17
DESIGNED BY:	AKJ
DRAWN BY:	JAG
APPROVED BY:	TCK
DESIGN PROJ:	15937.002
DATE:	JULY 2017
DRAWING NO:	3
SHEET NO:	3 of 3

Drawing Name: V:\Proj\159000\15937\15937.002\AutoCad\Plan Set\15937.002_Plan.dwg Layout Name: Layout1 Plotted on: 7/7/2017 11:09:02 AM
 Last edit: on: Jul 6, 2017 by: AK01272

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