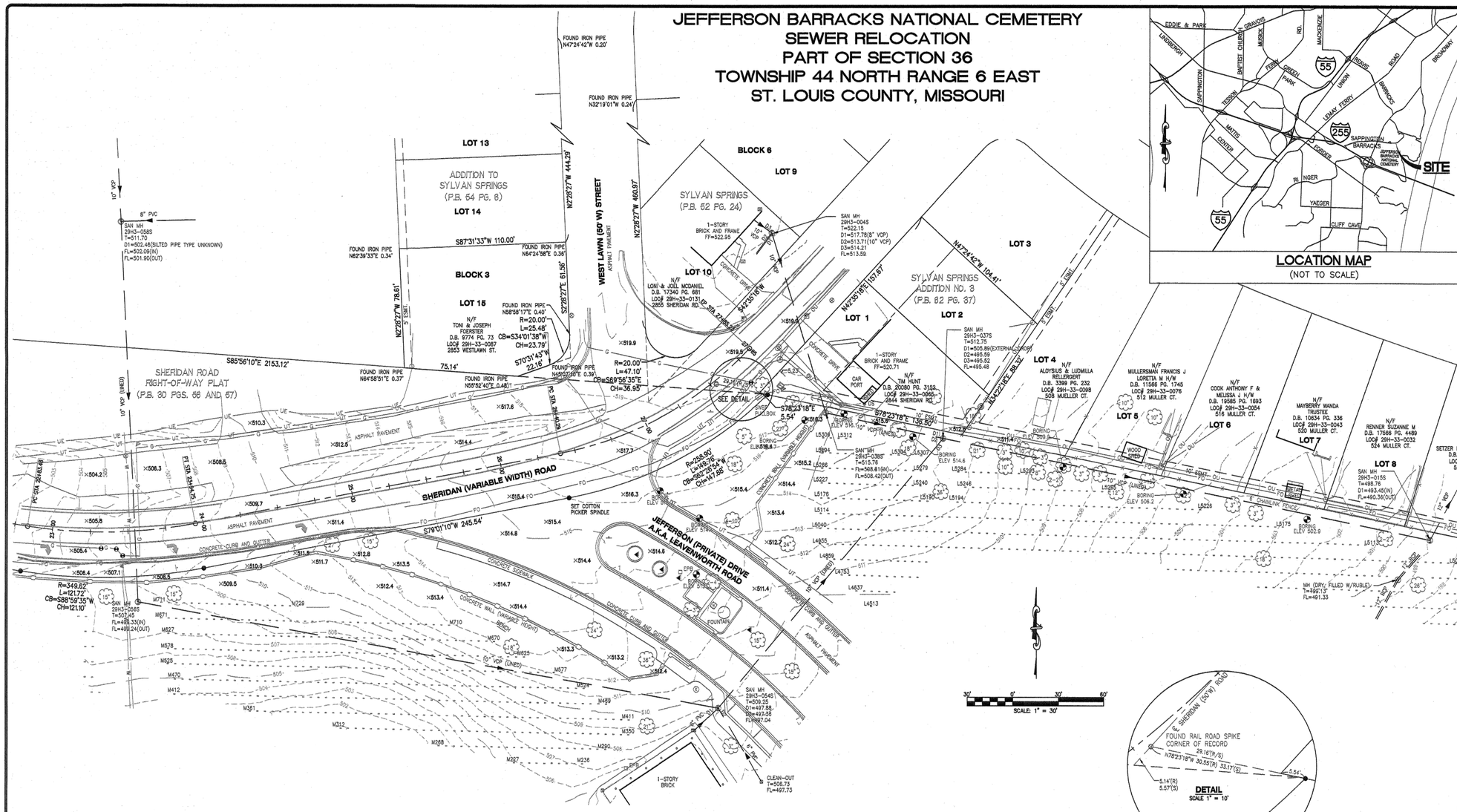
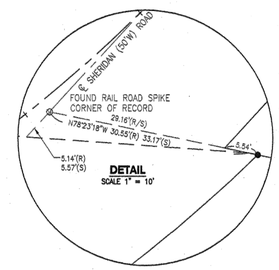
JEFFERSON BARRACKS NATIONAL CEMETERY
SEWER RELOCATION
PART OF SECTION 36
TOWNSHIP 44 NORTH RANGE 6 EAST
ST. LOUIS COUNTY, MISSOURI



LOCATION MAP
(NOT TO SCALE)



DETAIL
SCALE 1" = 10'

LEGEND

BENCHMARK	CURB INLET	SIGN	CONCRETE SURFACE
FOUND IRON PIPE	GRATED INLET	DOUBLE POST SIGN	RIP RAP SURFACE
FOUND IRON ROD	STORM MANHOLE	MAILBOX	STORM SEWER
FOUND CROSS	AREA INLET	LIGHT STANDARD	WATER LINE (UNDERGROUND)
FOUND ANCHOR	GRATE MANHOLE	YARD LIGHT	ELECTRIC LINE (UNDERGROUND)
FOUND RIGHT OF WAY MARKER	FLARED END SECTION	ELECTRIC PULL BOX	ELECTRIC LINE (OVERHEAD)
SET IRON ROD "COLE LS-2660"	DRAINAGE PIPE	ELECTRIC METER	OVERHEAD UTILITY
TREE STUMP	DOWN SPOUT	ELECTRIC BOX	GAS LINE (UNDERGROUND)
BUSH	SANITARY MANHOLE	ELECTRIC MANHOLE	TELEPHONE LINE (UNDERGROUND)
TREE	CLEANOUT	ELECTRIC SLICE BOX	FIBER OPTIC LINE
SPRINKLER CONTROL BOX	MANHOLE	ELECTRIC TRANSFORMER	SANITARY SEWER
WATER MANHOLE	HANDICAP STRIPING	ELECTRIC OUTLET	FENCE LINE
FIRE HYDRANT	PARKING STALLS	AIR CONDITIONING UNIT	TRAFFIC LIGHTS
WATER VALVE	COMMUNICATION MANHOLE	TRAFFIC SIGNAL POLE	M711 M715 HEAD STONES
WATER METER	CABLE SPLICE BOX	TRAFFIC SIGN POLE	
WATER FAUCET	COMMUNICATION SPLICE BOX	TRAFFIC CONTROL BOX	
MONITORING WELL	FIBER OPTIC SIGN	TRAFFIC PULL BOX	
BOLLARD	GAS METER	PARKING METER	
UTILITY POLE	GAS VALVE	GATE CONTROL BOX	
GUY WIRE	GAS DRIP	BOREHOLE	

PROJECT BENCHMARK:

ELEVATIONS FOR THIS SURVEY WERE ESTABLISHED USING THE MODOT VRS SYSTEM. STATION MO8I, ELEVATION OF 459.85 US FEET, WAS USED ON OCTOBER 05, 2012.

GENERAL NOTES:

1. ALL BEARINGS AND DISTANCES ARE RECORDED (R), UNLESS OTHERWISE NOTED.
2. BASIS OF BEARING: BASED UPON THE MODOT VRS (GPS) NETWORK, HORIZONTAL AND VERTICAL. USING THE MoDOT GNSS NETWORK STATION ST LOUIS VRS BASE STATION MoSI WITH THE FOLLOWING GRID METER VALUES NORTHING=302843.567 EASTING=253367.358 ELEVATION=140.192 (NAD 83(CORS 96)2002.2).
3. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
4. SOURCE OF RECORD: SHERIDAN ROAD RIGHT OF WAY PLAT RECORDED IN PLAT BOOK 30 PAGES 66 AND 67 OF THE ST LOUIS COUNTY RECORDS.
5. CORNER OF RECORD: RAIL ROAD SPIKE LOCATED ON THE CENTER OF SHERIDAN AS DEPICTED ON SYLVAN SPRINGS ADDITION NO. 3 AS RECORDED IN PLAT BOOK62 PAGE 37 OF THE ST. LOUIS COUNTY RECORDS.
6. HEAD STONES ARE GROUPED BY LETTERS DESIGNATED NUMERICALLY SHOWN IS THE FIRST AND LAST NUMBER OF THAT ROW AS FIELD LOCATED. (EXAMPLE: M711, M729 SHOWN, WOULD BE HEAD STONES M711, M712, M713... THRU M729)
7. METROPOLITAN SEWER DISTRICT WAS CONTACTED BY PHONE IN REGARDS TO EXISTING SEWER EASEMENTS EFFECTING ARES SURVEYED. NO EASEMENTS WERE FOUND.

SURVEYOR'S CERTIFICATION

THIS IS TO CERTIFY TO ANDERSON ENGINEERING THAT AT THEIR REQUEST DURING THE MONTH OF OCTOBER 2012, COLE AND ASSOCIATES, INC., HAS PREPARED A BOUNDARY SURVEY TO ESTABLISH A PORTION OF THE SOUTH RIGHT OF SHERIDAN ROAD AS SHOWN, BEING PART OF SECTION 36 TOWNSHIP 44 NORTH RANGE 6 EAST. THIS PLAT AND MAP ARE BASED ON A BOUNDARY SURVEY COMPLETED BY COLE AND ASSOCIATES INC. THIS BOUNDARY PLAT AND THE SURVEY ON WHICH IT IS BASED WERE EXECUTED IN ACCORDANCE WITH THE CURRENT MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS AS ESTABLISHED BY THE MISSOURI DEPARTMENT OF NATURAL RESOURCES, HE MISSOURI BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS AND LAND SURVEYORS, AND MEETS THE REQUIREMENTS OF AN URBAN (U) SURVEY, AS DEFINED THEREIN.
COLE & ASSOCIATES INC. L.S. 268-D

PROJECT NO. 12-0095

DANIEL J. HUCK, PLS
MISSOURI CERT. NO. L.S. 2008000723
DATED: 1/17/2014

STATE OF MISSOURI DANIEL J. HUCK NUMBER PLS2008000723 PROFESSIONAL LAND SURVEYOR

CALL 48 HOURS BEFORE DIGGING
Utilities Underground Location Center
DIAL 811
811
Know what's below, Call before you dig.

DEVELOPER/OWNER: ANDERSON ENGINEERING
13605 1ST AVENUE NORTH, SUITE 100
PLYMOUTH, MN 55441
763-412-4000

THE PROFESSIONAL INDEX, SIGNATURE AND PERSONAL SEAL APPEAR HEREON. THIS DOCUMENT WAS PREPARED FOR THE SPECIFIC USE OF THE CLIENT NAMED HEREON. PURSUANT TO SECTION 327.411 RSMo, WE RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, PLATS, REPORTS OR OTHER INSTRUMENTS OF SERVICE NOT BEARING OUR SEALED, IF THE, SUBMITTED TO PERSONNEL, RELATING TO, OR INTENDED TO BE RELATED TO, ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE RETERS.

NO	REVISION DESCRIPTION	DATE
	UPDATED PROJECT BENCHMARK	01-16-2014
	CLIENT COMMENTS AND CORRECTION	11-06-2012

JBNC SEWER RELOCATION
SHERIDAN ROAD
JEFFERSON BARRACKS NATIONAL CEMETERY

RIGHT-OF-WAY AND TOPOGRAPHICAL SURVEY

cole + ST. LOUIS
10777 Sunset Office Dr.
St. Louis, MO 63127
314.984.9807 tel
314.984.0807 fax
CIVIL ENGINEERING / SURVEYING / PLANNING / LANDSCAPE ARCHITECTURE
Cole & Associates, Inc.

DESIGN/CALC BY	
DRAWN BY	TDE
CHECKED BY	TDW
DRAWING SCALE	1" = 30'
DATE	10-18-2012
Job Number	12-0095
Sheet Number	1 OF 1

MSD P.NO. 00297300-00 BASE MAP: 29H3

P-0029720-00
BASE MAP 29H3

BID DOCUMENTS

Revisions:	Date

CONSULTANTS:

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MISSOURI.
PRINT NAME: GARY R. JOHNSON, P.E.
SIGNATURE:
DATE March 28, 2012 LICENSE NUMBER P.E. 2012005390

ARCHITECT/ENGINEERS:

ANDERSON ENGINEERING
ENGINEERING • ARCHITECTURE • LAND SURVEYING
ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE

Anderson Engineering of Minnesota, LLC
13605 1st Avenue North
Suite 100
Plymouth, MN 55441
763-412-4000 (o) 763-412-4090 (f)
www.ae-mn.com

Drawing Title	Project Title	Project Number
EXISTING CONDITIONS	SEWER RELOCATION	852CM3037
Approved: Project Director	Location: ST. LOUIS, MO	Drawing Reference Number
	Date: 3-28-16 / Checked: AMT / Drawn: PSH	Drawing Number: B-1
		Dwg. 2 OF 17

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231