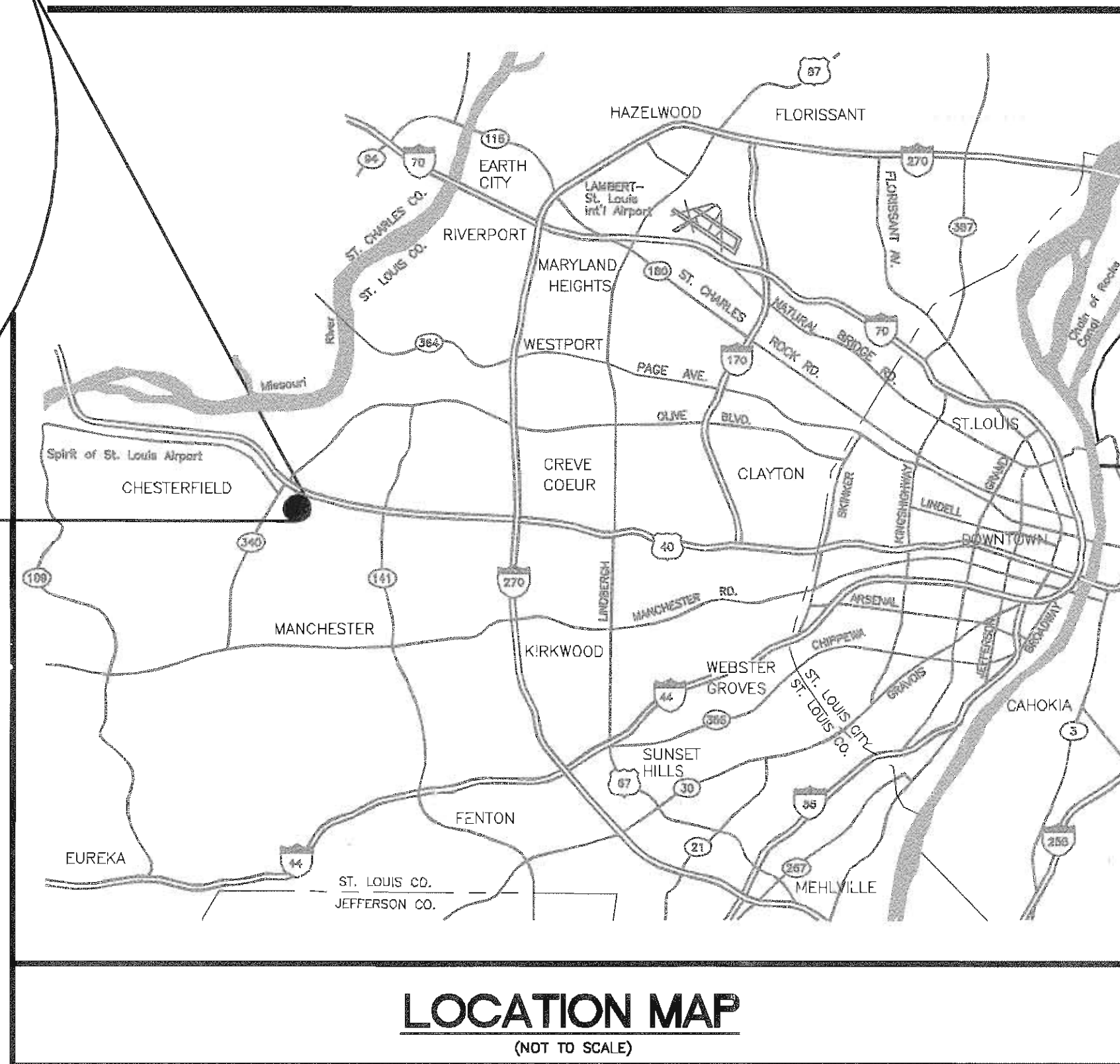
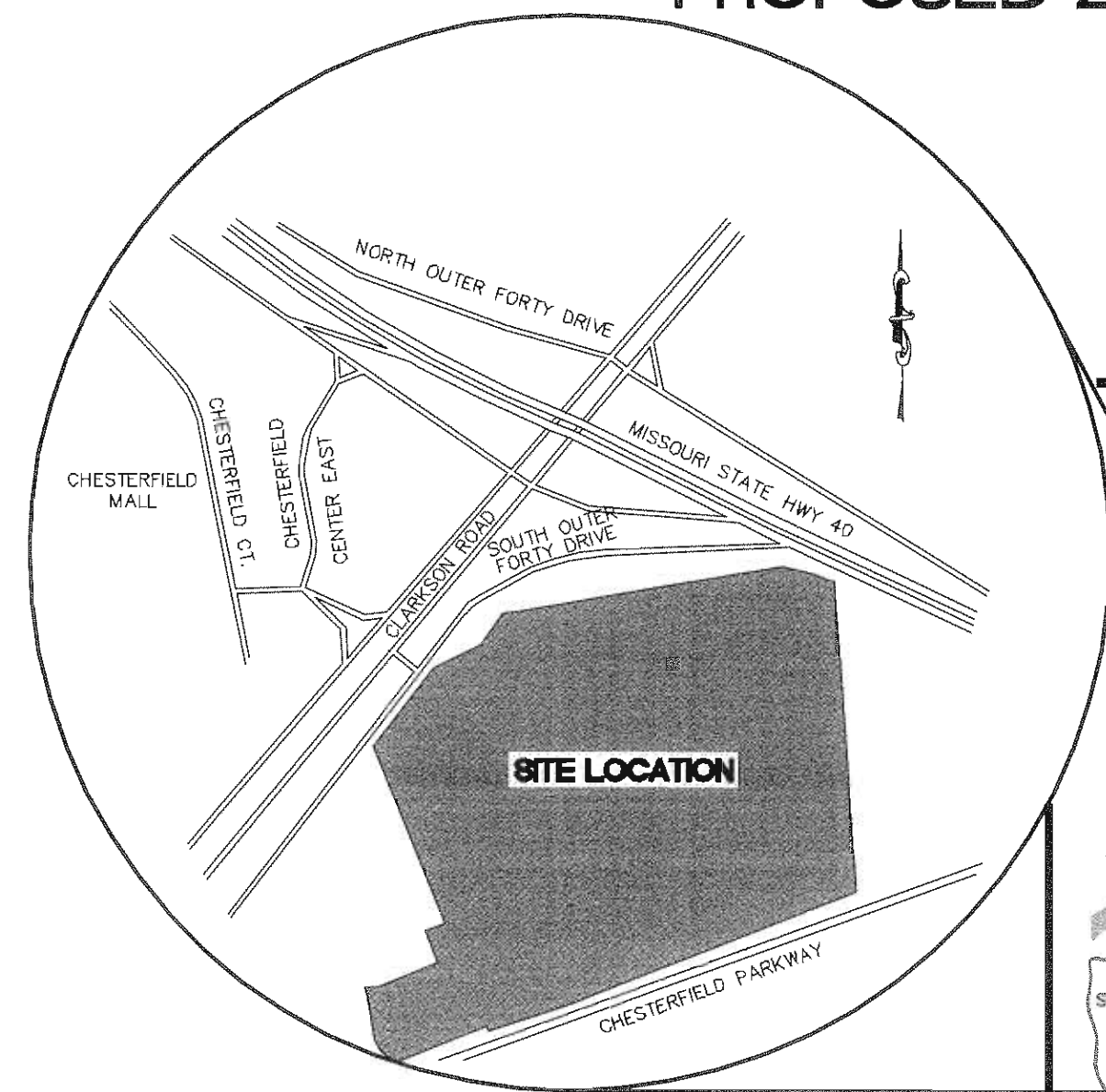


MERCY HEALTH CAMPUS PRELIMINARY PLAN FOR RE-ZONING

A TRACT OF LAND IN PART OF LOT 1 OF HUMPHREY'S ESTATE
AND LOT 1B OF ELBRIDGE PAYNE OFFICE PARK LOCATED IN
U.S. SURVEY 2002, TOWNSHIP 45 NORTH, RANGE 4 EAST OF THE
FIFTH PRINCIPAL MERIDIAN, CITY OF CHESTERFIELD, ST. LOUIS COUNTY, MISSOURI
CURRENT ZONING: "PC" - ORD. NO. 1,823 AND ORD. NO. 1722, "C8" - ORD. NO. 11,920 AND ORD. NO. 2,412
PROPOSED ZONING: "UC" URBAN CORE DISTRICT, ORD. NO. _____



LEGEND

ELECTRIC MANHOLE	
EXISTING SANITARY SEWER	
EXISTING STORM SEWER	
EXISTING TREE	
EXISTING BUILDING	
EXISTING CONTOUR	
SPOT ELEVATION	
EXISTING UTILITIES	
PROPOSED CONTOUR	
PROPOSED SPOT	
PROPOSED STORM SEWER	
PROPOSED SANITARY SEWER	
FIRE HYDRANT	
LIGHT STANDARD	
BUSH	
SIGN	
NOTES PARKING SPACES	
GUY WIRE	
POWER POLE	
WATER MANHOLE	
WATER VALVE	
DENOTES RECORD INFORMATION	
HANDICAPPED PARKING	
PHONE MANHOLE	
WATER LINE	
CONCRETE	
ASPHALT	
POLYVINYL CHLORIDE	
DENOTES WITH TRANSFORMER	
SANITARY	
SWALE	
CHAIN-LINK FENCE	
TRAFFIC FLOW	
SAWCUT	

SHEET INDEX

1	TITLE SHEET
2	PROPERTY EXHIBIT
3	EXISTING CONDITIONS PLAN
4	PRELIMINARY PLAN
5-5.1	SITE SECTIONS
6	AERIAL EXHIBIT WITH CURRENT ZONING
1-1.1	TREE STAND DELINEATION PLAN

GENERAL NOTES

- BOUNDARY AND TOPOGRAPHIC SURVEY PREPARED BY STOCK AND ASSOCIATES.
- ALL UTILITIES SHOWN HAVE BEEN LOCATED BY THE ENGINEER FROM AVAILABLE RECORDS. THEIR LOCATION SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR HAS THE RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES, PRIOR TO CONSTRUCTION, TO HAVE EXISTING UTILITIES FIELD LOCATED.
- NO GRADE SHALL EXCEED 3:1 SLOPE.
- GRADING AND STORM WATER PER M.S.D. AND THE CITY OF CHESTERFIELD
- NO STEP ALLOWED AT ACCESSIBLE ENTRANCE DOORS.
- ADEQUATE EASEMENTS SHALL BE DEDICATED FOR UTILITY RELOCATION

Property Description

A tract of land being part of Lot 1 of Thomas K. Humphrey Estate Subdivision and part of Lot 1-B of the Re-subdivision of Lot 1 of Elbridge Payne Office Park, according to the plat thereof as recorded in Plat Book 202 page 58 of the St. Louis County Records, located in part of U.S. Survey 2002, Township 45 North, Range 4 East of the Fifth Principal Meridian, City of Chesterfield, St. Louis County, Missouri, being more particularly described as follows:

BEGINNING at a found 3/4 inch iron pipe marking the intersection of the West line of above said Lot 1 of Thomas K. Humphrey Estate Subdivision and said eastern right-of-way line of Missouri Route "D" Relocated and Missouri Route "AA" (340), also being the located on the west line of a tract of land as conveyed to Chesterfield Center Corporation, by instrument recorded in Book 12820 Page 2849 of the St. Louis County records; thence along said eastern right-of-way line the following courses and distances: North 42 degrees 27 minutes 06 seconds East, 313.14 feet, North 67 degrees 45 minutes 17 seconds East, 170.00 feet, North 39 degrees 41 minutes 17 seconds East, 125.00 feet, North 84 degrees 28 minutes 27 seconds East, 314.80 feet, South 70 degrees 04 minutes 45 seconds East, 100.00 feet and South 67 degrees 12 minutes 53 seconds East, 74.15 feet the northwestern corner of a tract of land as conveyed to Mlake 5, LLC by instrument recorded in Book 18847, Page 1469 of above said records; thence along said eastern right-of-way line of Chesterfield Parkway East, variable width; thence along said northern right-of-way line, South 72 degrees 24 minutes 10 seconds West, 978.31 feet to a point of curvature to the right; along said curve having a radius of 283.79 feet, an arc length of 289.93 feet, and a chord which bears South 75 degrees 20 minutes 09 seconds West, 289.81 feet; North 17 degrees 30 minutes 03 seconds West, 17.33 feet; South 72 degrees 31 minutes 02 seconds West, 246.65 feet to the beginning of a curve to the right; thence along said curve having a radius of 98.50 feet, an arc length of 174.70 feet, and a chord which bears North 54 degrees 35 minutes 41 seconds West, 152.69 feet to a point of tangency, said point also being located on the eastern right-of-way line of Elbridge Payne Road, variable width; thence along said eastern right-of-way line North 03 degrees 47 minutes 03 seconds West, 113.29 feet to the beginning of a curve to the left; thence along said curve having a radius of 290.50 feet, an arc length of 28.24 feet, and a chord which bears North 06 degrees 38 minutes 15 seconds West, 28.23 feet to the Northwest corner of above said Lot 1-B; thence along the northern line of Lot 1-B the following courses and distances: North 80 degrees 34 minutes 45 seconds East, 46.02 feet; North 72 degrees 30 minutes 01 seconds East, 200.00 feet; North 17 degrees 29 minutes 59 seconds West, 107.00 feet and North 72 degrees 30 minutes 01 seconds East, 61.00 feet to the Northeast corner of said Lot 1-B, said point also being located on the western line of a tract of land as conveyed to Chesterfield Village, Inc. by instrument recorded in Book 11234, page 4 of above said records; thence along said western line North 17 degrees 30 minutes 03 seconds West, 262.99 feet to the northwestern corner of said Chesterfield Village, Inc. tract, said point also being the southwestern corner of above said Chesterfield Center Corporation tract; thence along the west line of said Chesterfield Center Corporation tract, North 17 degrees 30 minutes 03 seconds West, 364.70 feet to the Point of Beginning and containing 1,744,145 square feet of 40.040 acres more or less according to calculations performed by Stock & Associates Consulting Engineers, Inc. on January 24, 2012.

PERTINENT DATA

OWNER	= MERCY HEALTH
D.B.	= 19776, PG. 1338
SITE ADDRESS	= 15564 SOUTH OUTER 40 ROAD
PROPOSED ZONING	= "UC"-URBAN CORE DISTRICT
SITE ACREAGE (TO BE ZONED)	= 40.040 Acres ±
FIRE DISTRICT	= MONARCH
SEWER DISTRICT	= M.S.D.
WATER SHED	= CREVE COEUR CREEK
WATER SERVICE	= MISSOURI-AMERICAN WATER COMPANY
GAS SERVICE	= LAGLEDE GAS COMPANY
ELECTRIC SERVICE	= AMEREN UE ELECTRIC COMPANY
PHONE SERVICE	= AT&T

ABBREVIATIONS

W	= WATER	DB	= DEED BOOK
E	= ELECTRIC	PB	= PLAT BOOK
OE	= OVERHEAD ELECTRIC	PG	= PAGE
UE	= UNDERGROUND ELECTRIC	(-W)	= RIGHT-OF-WAY WIDTH
G	= GAS	(REC)	= RECORD INFORMATION
T	= TELEPHONE CABLE	FT	= FEET
T.B.R.	= TO BE REMOVED	N/F	= NOW OR FORMERLY
T.B.R.&R.	= TO BE REMOVED AND REPLACED	FND.	= FOUND
U.I.P.	= USE IN PLACE	SO	= SQUARE
T.B.A.	= TO BE ADJUSTED	C.O.	= CLEANOUT
B.C.	= BACK OF CURB	M.H.	= MANHOLE
F.C.	= FACE OF CURB	A.I.	= AREA INLET
TW	= TOP OF WALL	C.I.	= CURB INLET
BW	= BOTTOM OF WALL	G.I.	= GRATE INLET
PVMT	= PAVEMENT	Y.D.	= YARD DRAIN
ASPH	= ASPHALT	P.V.C.	= POLYVINYL CHLORIDE PIPE
CONC	= CONCRETE	R.C.P.	= REINFORCED CONCRETE PIPE
GRND	= GROUND	V.C.P.	= VETRIFIED CLAY PIPE
FG	= FINISHED GRADE	FL	= FLOWLINE
FF	= FINISHED FLOOR	TS	= TAILSTAKE
LL	= LOWER LEVEL	ELEV	= ELEVATION
TYP	= TYPICAL	PROP	= PROPOSED
TC	= TOP OF CURB	EXIST	= EXISTING
O.C.	= ON CENTER	EX	= EXISTING
E.W.	= EACH WAY	RD	= ROOF DRAIN
		M.L.D.	= MAJOR LAND DISTURBANCE

NOTE:
TRAILS SHOWN FOR
CONCEPT ONLY. TRAILS TO
BE SHOWN ON APPROPRIATE
SITE DEVELOPMENT PLAN.

ST. LOUIS COUNTY BENCHMARK

12-185 - ELEV. 646.88
STANDARD ALUMINUM DISK STAMPED SL-31, SET
ALONG THE WEST SIDE OF ELBRIDGE DRIVE, ADDRESS
THE NORTH DRIVE OF FIRST NATIONAL BANK, APPROX.
100' SOUTH OF STRECKER RD. & MCBRIDE POINTE DR.

SURVEYOR'S CERTIFICATION

This is to certify that Stock and Associates Consulting Engineers, Inc. has prepared this Preliminary Plan from an actual survey. The information shown is a correct representation of all existing and proposed land divisions.

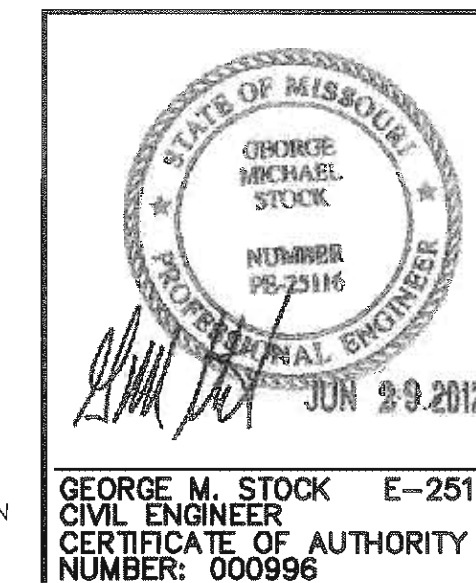
STOCK AND ASSOCIATES CONSULTING ENGINEERS INC.
L.S. No. 222-D
\\STOCKSrv01\Users\joseph.fischer\SEAL-Dan-20120412.tif

STOCK AND ASSOCIATES CONSULTING ENGINEERS, INC. AND THE UNDERSIGNED ENGINEER HAVE NO RESPONSIBILITY FOR SERVICES PROVIDED BY OTHERS TO IMPLEMENT THE IMPROVEMENTS SHOWN ON THIS PLAN AND ALL OTHER DRAWINGS WHERE THE UNDERSIGNED ENGINEER'S SEAL APPEARS. THE CONSTRUCTION MEANS AND METHODS ARE THE SOLE RESPONSIBILITY OF THE OWNER AND CONTRACTOR. STOCK AND ASSOCIATES CONSULTING ENGINEERS, INC. HAS NO RESPONSIBILITY TO VERIFY FINAL IMPROVEMENTS AS SHOWN ON THIS PLAN UNLESS SPECIFICALLY ENGAGED AND

UTILITY NOTE

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS, RECORDS AND INFORMATION, AND THEREFORE DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NON-EXISTENCE, SIZE, TYPE, NUMBER, OR LOCATION OF THESE FACILITIES, STRUCTURES AND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS. THE UNDERGROUND FACILITIES, STRUCTURES, AND 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 COMPLIANCE WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319 RSMo.

CITY P&Z # 02-2012
M.S.D. P# -
BASE MAP # 18S, 19S



- 06/29/2012 - REVISED PER CLIENT AND CITY DISCUSSION
- 05/23/2012 - REVISED PER CLIENT AND CITY DISCUSSION
- 04/12/2012 - REVISED PER CLIENT AND CITY DISCUSSION
- 04/02/2012 - REVISED LAYOUT PER CITY ISSUES LETTER DATE 03/20/2012
- 03/21/2012 - REVISED BUILDING LAYOUT

TITLE SHEET

MERCY HEALTH CAMPUS

STOCK & ASSOCIATES
Consulting Engineers, Inc.

257 Chesterfield Business Parkway
St. Louis, MO 63005
PH (636) 530-9100
FAX (636) 530-9130
e-mail: general@stockassoc.com
Web: www.stockassoc.com

DRAWN BY: J.M.B.	DATE: 02/01/2012	DESIGNED BY: G.M.S.	DATE: 02/01/2012	DATE JOB NUMBER: 211-4821	SHEET: 1 of 6
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PREPARED FOR:
Mercy Health System
14528 South Outer Forty, Suite 100
Chesterfield, MO 63017
PH. (314) 628-3575

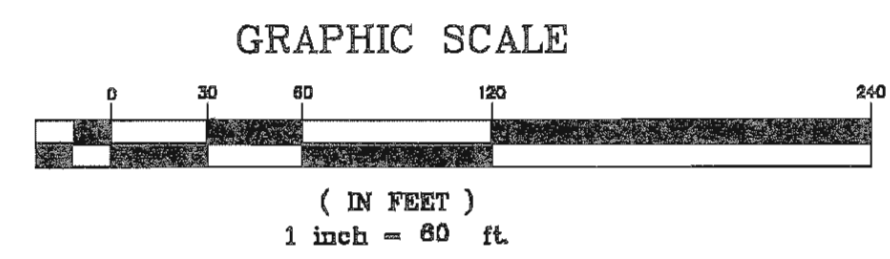
CLAYCO
THE ART & SCIENCE OF BUILDING
CLAYCO INC.
2199 Inverhill Business Center Drive
St. Louis, MO 63114
PH 314.429.5100 FX 314.429.3185

FORUM
THE ART & SCIENCE OF BUILDING
FORUM STUDIO
2199 Inverhill Business Center Drive
St. Louis, MO 63114
PH 314.429.1010 FX 314.429.7770

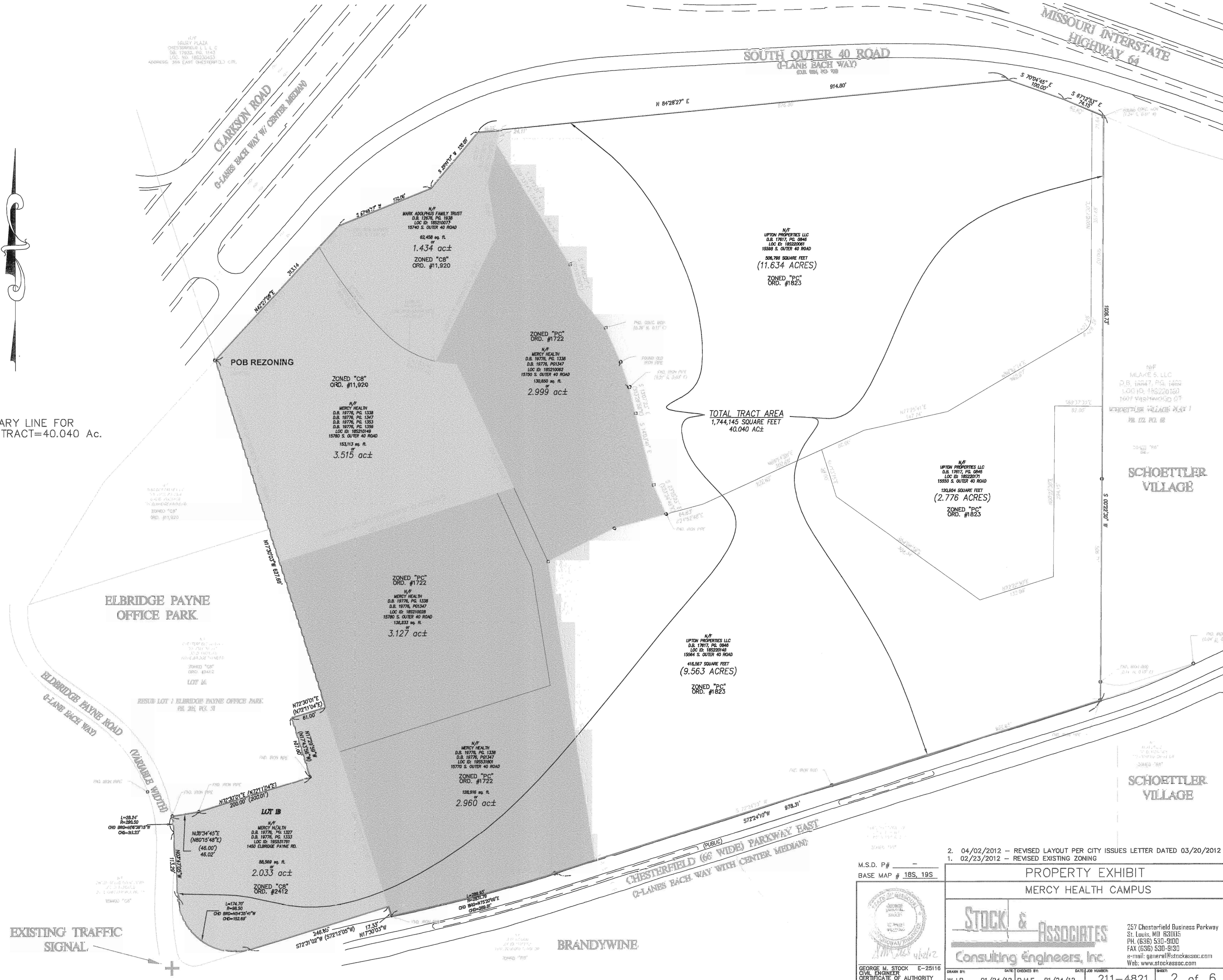
DosterUllom, LLC
16090 Swingley Ridge Road, Suite 620
Chesterfield, MO 63017
PH. (636) 532-0042

BERNARDIN · LOCHMUELLER & ASSOCIATES, INC.
411 North 10th Street - St. Louis, Missouri 63121-1335
PHONE 314.621.3395

N/F
URLEY PLAZA
CHESTERFIELD, MO, L.L.C.
D.B. 178332, PG. 1143
LOC. ID. 18520453
ADDRESS: 304 EAST CHESTERFIELD CIR.



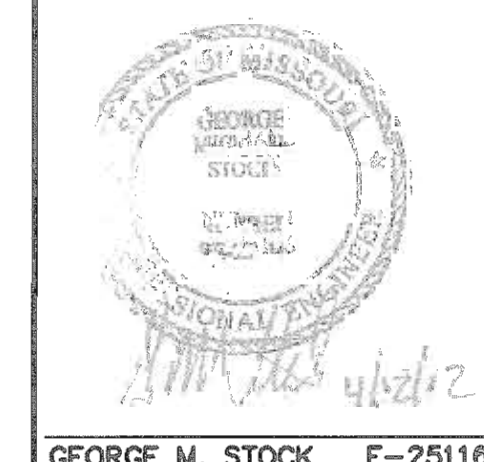
BOUNDARY LINE FOR
TOTAL TRACT=40.040 Ac.



EXISTING TRAFFIC SIGNAL

- 2. 04/02/2012 - REVISED LAYOUT PER CITY ISSUES LETTER DATED 03/20/2012
- 1. 02/23/2012 - REVISED EXISTING ZONING

M.S.D. P# -
BASE MAP # 18S, 19S



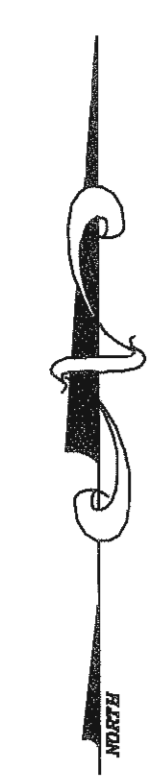
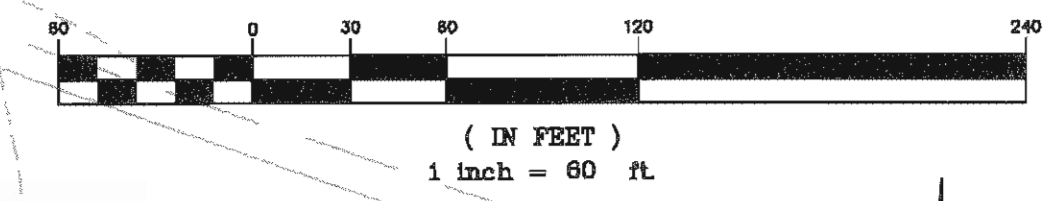
GEORGE M. STOCK
CIVIL ENGINEER
OFFICIAL STATE OF MISSOURI
NUMBER: 000000000

PROPERTY EXHIBIT
MERCY HEALTH CAMPUS

STOCK & ASSOCIATES
Consulting Engineers, Inc.

257 Chesterfield Business Parkway
St. Louis, MO 63105
PH. (636) 530-9100
FAX (636) 530-9130
e-mail: general@stockassoc.com
Web: www.stockassoc.com

DRAWN BY: W.J.P. DATE: 01/24/12 CHECKED BY: D.M.E. DATE: 01/24/12 SHEET: 2 of 6



DRURY PLAZA
CHESTERFIELD, L.L.C.
DB: 7825-06-1143
LOC. NO. 18520433
ADDRESS: 355 EAST CHESTERFIELD CTR.

SOUTH OUTER 40
(DB 6314, PG 728)

NO RIGHT OF DIRECT ACCESS
(O.S. 6314, PG. 728)

I-64/HWY 40

CLARKSON RD (NORTH BOUND)
(SOUTH BOUND)

**"SCHOETTLER VILLAGE
PLAT ONE"**
P.B. 192, PG. 168

SCHOETTLER VALLEY DRIVE

EX
STRUCTURE
(T.B.R.)

MLAKE S L.L.C.
D.B. 16317-PC 1469
LOC. ID: 185226160

CHESTERFIELD
D.B. 7748-PC 215
LOC. ID: 185211186
ADDRESS: BRIDGE PARKWAY RD

ELBRIDGE PAYNE
(PUBLIC)

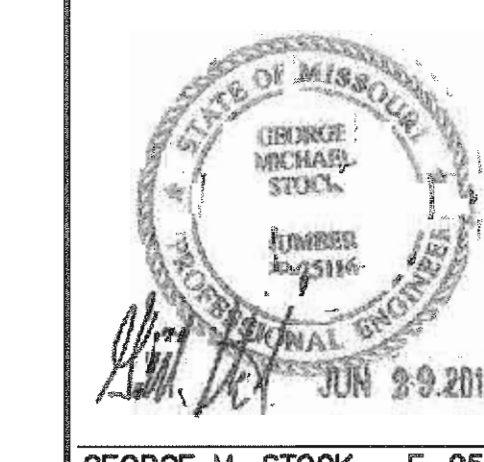
CHESTERFIELD PKWY EAST
(PUBLIC - 66')

BRANDYWINE

5. 06/29/2012 - REVISED PER CLIENT AND CITY DISCUSSION
4. 05/23/2012 - REVISED PER CLIENT AND CITY DISCUSSION
3. 04/12/2012 - REVISED PER CLIENT AND CITY DISCUSSION
2. 04/02/2012 - REVISED LAYOUT PER CITY ISSUES LETTER DATE 03/20/2012
1. 03/21/2012 - REVISED BUILDING LAYOUT

M.S.D. P# -
BASE MAP # 18S, 19S

EXISTING CONDITIONS PLAN
MERCY HEALTH CAMPUS

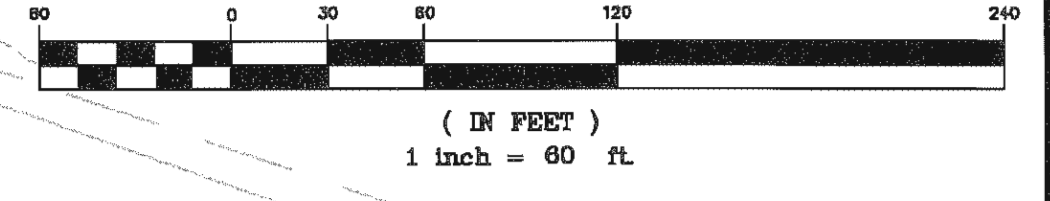


Stock & Associates
Consulting Engineers, Inc.

257 Chesterfield Business Parkway
St. Louis, MO 63005
PH (636) 530-9100
FAX (636) 530-9130
e-mail: general@stockassoc.com
Web: www.stockassoc.com

GEORGE M. STOCK CIVIL ENGINEER CERTIFICATE OF AUTHORITY NUMBER: 000996	E-25116	DRAWN BY: J.M.B.	CHECKED BY: G.M.S.	DATE: 02/01/2012	JOB NUMBER: 211-4821	SHEET: 3 of 6
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SOUTH OUTER 40 WILL REQUIRE UPGRADE TO STANDARD ROAD SECTION.

CAMPUS DRIVE AND POTENTIAL C-D ROAD SUBJECT TO MODOT APPROVAL

RELOCATED I-64 RAMP
EXISTING OUTER ROAD
PROPOSED C-D ROAD
INTERIM CONNECTION

CONCEPTUAL PAVEMENT LIMITS (TYP.)

"SCHOETTLER VILLAGE PLAT ONE"
P.B. 192, PG. 168

SCHOETTLER VALLEY DRIVE

LEGEND

MONARCH TREES.....

CLARKSON RD (NORTH BOUND)
(SOUTH BOUND)

CAMPUS DRIVE

PROPOSED SURFACE PARKING AND OPENSOURCE

OPENSOURCE
PR. TRAILS (TYP.)

PROPOSED MULTI-STORY BUILDING

PROPOSED RETENTION LAKE
N.P.=610
100 YR HW=616

PROPOSED MULTI-STORY GARAGE 'C'

CAMPUS DRIVE EAST

CAMPUS DRIVE CONNECTOR

PR. ELBRIDGE PAYNE CUL-DE-SAC

PROPOSED MULTI-STORY GARAGE 'A'

OPENSOURCE

PROPOSED MULTI-STORY BUILDING

PROPOSED MULTI-STORY BUILDING

PR. STORM

PROPOSED MULTI-STORY GARAGE 'B'

SOUTH OUTER 40 AREA
MAX. HEIGHT 725 MSL
PARKWAY AREA
MAX. HEIGHT 700 MSL

CONCEPTUAL PAVEMENT LIMITS (TYP.)

CAMPUS DRIVE WEST

PROPOSED MULTI-STORY BUILDING

OPENSOURCE

PR. TRAILS

OPENSOURCE

PROPOSED MULTI-STORY BUILDING

OPENSOURCE

PROPOSED RETENTION LAKE
N.P.=590
100 YR HW=596

PR. SANITARY

OPENSOURCE

PR. TRAILS

ELBRIDGE PAYNE (PUBLIC)

CAMPUS DRIVE WEST ENTRANCE

PROPOSED MULTI-STORY BUILDING

OPENSOURCE

PR. TRAILS (TYP.)

CHESTERFIELD PKWY EAST
(Public - 64' W)

CAMPUS DRIVE EAST ENTRANCE
750' TO EXISTING SIGNAL AT SCHOETTLER VALLEY DRIVE

OFF-SITE SANITARY EXTENSION IN EXISTING EASEMENT

NOTE:
TRAILS SHOWN FOR CONCEPT ONLY. TRAILS TO BE SHOWN ON APPROPRIATE SITE DEVELOPMENT PLAN.

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EXISTING DETENTION TO BE UPGRADED MSD P# 10525

PROPOSED RETENTION LAKE
N.P.=632
100 YR HW=638

OPENSOURCE

PR. SANITARY

PROPOSED SIGNALIZED INTERSECTION ELBRIDGE PAYNE RD

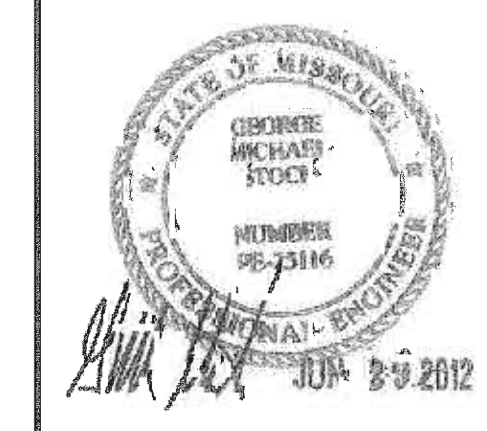
PROPOSED PATHWAY ON THE PARKWAY PER CITY DETAILS + STANDARDS

EXISTING SIGNAL TO BE UPGRADED FOR ADA COMPLIANCE

BRANDYWINE

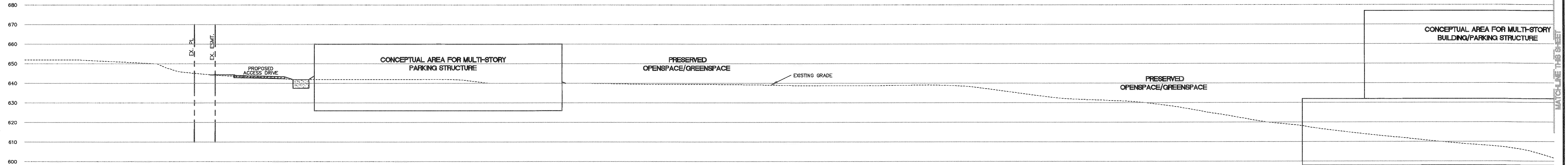
M.S.D. P#
BASE MAP # 18S, 19S

PRELIMINARY PLAN
MERCY HEALTH CAMPUS

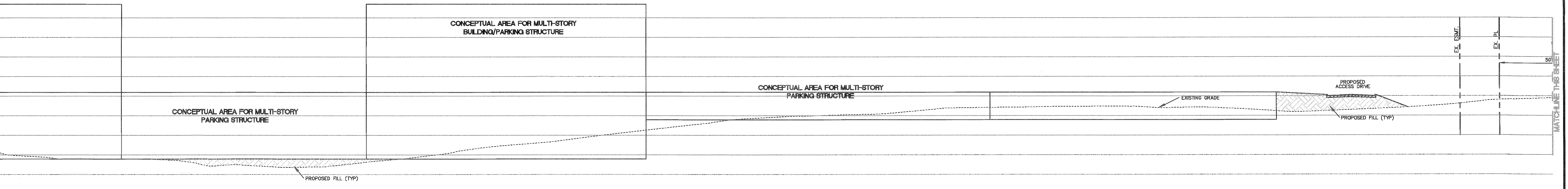


Stock & Associates
Consulting Engineers, Inc.

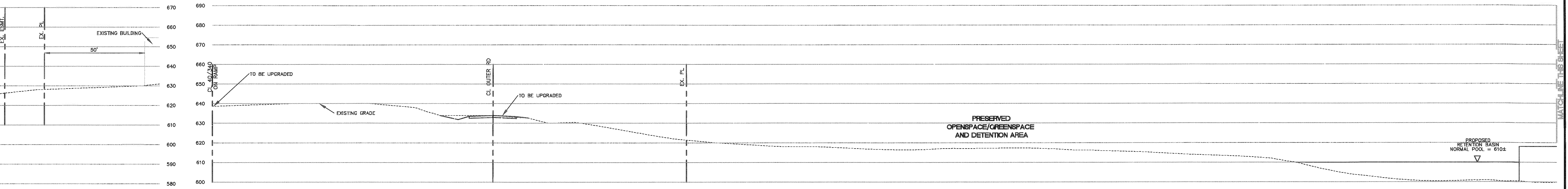
257 Chesterfield Business Parkway
St. Louis, MO 63005
PH: (635) 531-9100
FAX: (635) 531-9130
e-mail: general@stockassoc.com
Web: www.stockassoc.com



SITE SECTION A-A
SCALE 1"=20'

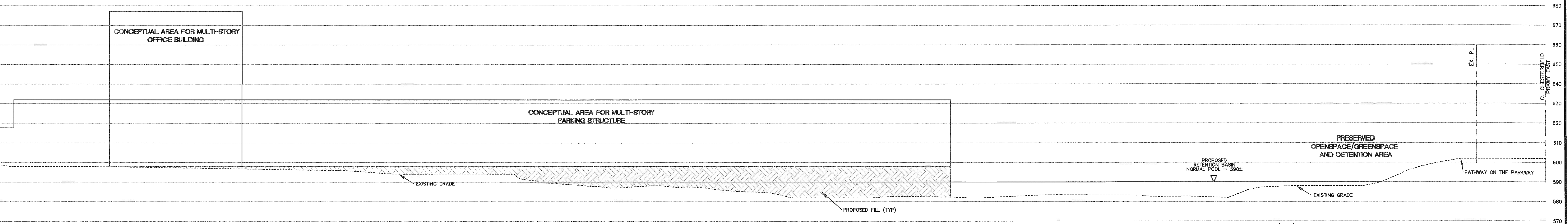


SITE SECTION A-A
SCALE 1"=20'



SITE SECTION A-A
SCALE 1"=20'

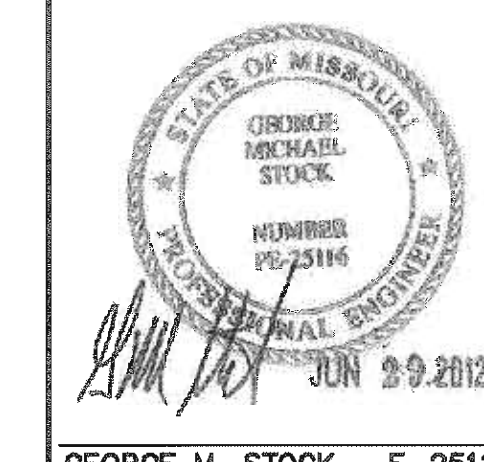
SITE SECTION B-B
SCALE 1"=20'



SITE SECTION B-B
SCALE 1"=20'

5. 06/29/2012 - REVISED PER CLIENT AND CITY DISCUSSION
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1. 03/21/2012 - REVISED BUILDING LAYOUT

M.S.D. P# -
BASE MAP # 18S, 19S



GEORGE M. STOCK E-25116
CIVIL ENGINEER
CERTIFICATE OF AUTHORITY
NUMBER: 000996

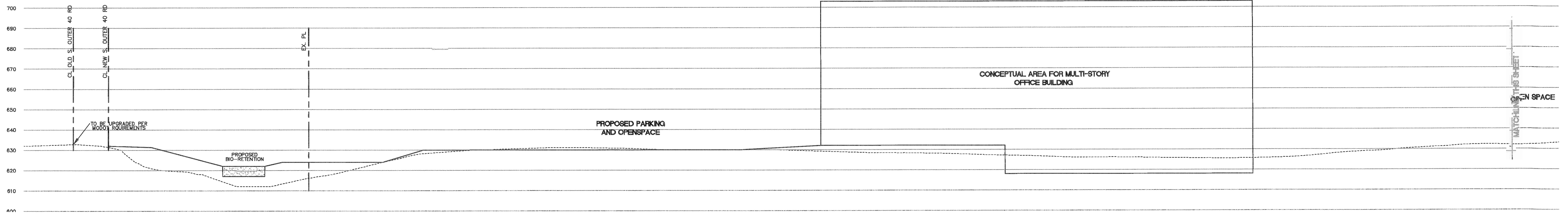
SITE SECTIONS
MERCY HEALTH CAMPUS

STOCK & ASSOCIATES
Consulting Engineers, Inc.

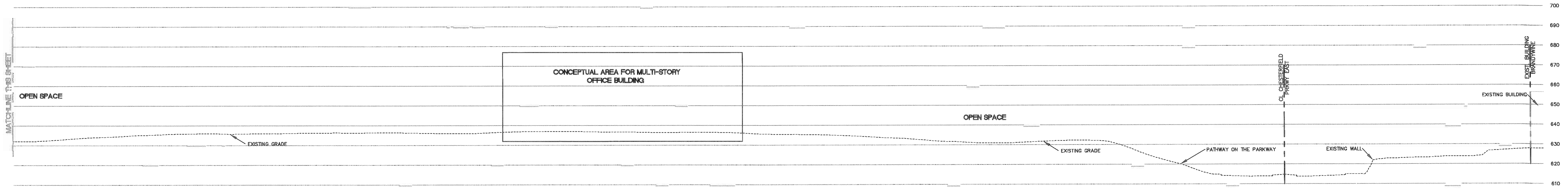
257 Chesterfield Business Parkway
St. Louis, MO 63005
PH (314) 531-9100
FAX (314) 530-9130
e-mail: general@stockassoc.com
Web: www.stockassoc.com

DRAWN BY: J.M.B.	DATE: 02/01/2012	CHECKED BY: G.M.S.	DATE: 02/01/2012
JOB NUMBER: 211-4821		SHEET: 5 of 6	

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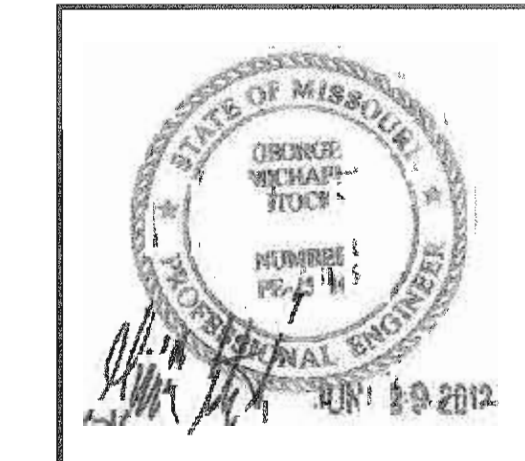
SITE SECTION C-C
SCALE 1"=20'



SITE SECTION C-C
SCALE 1"=20'

5. 06/23/2012 - REVISED PER CLIENT AND CITY DISCUSSION
4. 05/23/2012 - REVISED PER CLIENT AND CITY DISCUSSION
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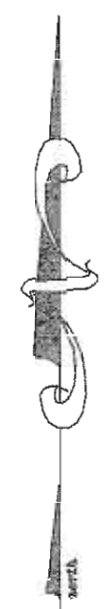
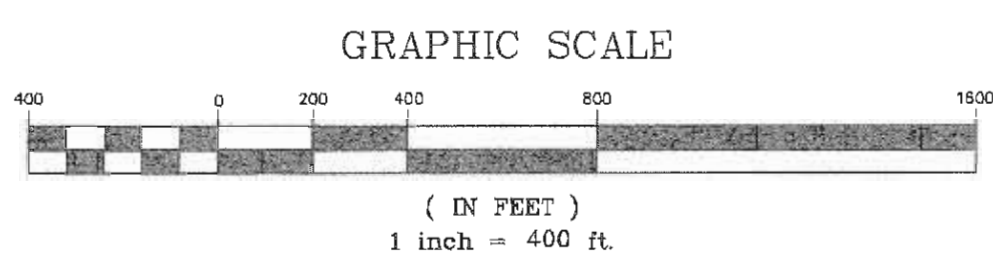
M.S.D. P# -
BASE MAP # 18S, 19S



GEORGE M. STOCK E-25116
CIVIL ENGINEER
CERTIFICATE OF AUTHORITY
NUMBER: 000996

SITE SECTIONS			
MERCY HEALTH CAMPUS			
Stock & Associates		257 Chesterfield Business Parkway St. Louis, MO 63005 PH. (636) 530-9100 FAX (636) 530-9130 e-mail: general@stockassoc.com Web: www.stockassoc.com	
Consulting Engineers, Inc.			
DRAWN BY:	DATE CHECKED BY:	DATE JOB NUMBER:	SHEET:
J.M.B.	G.M.S.	02/01/2012	211-4821

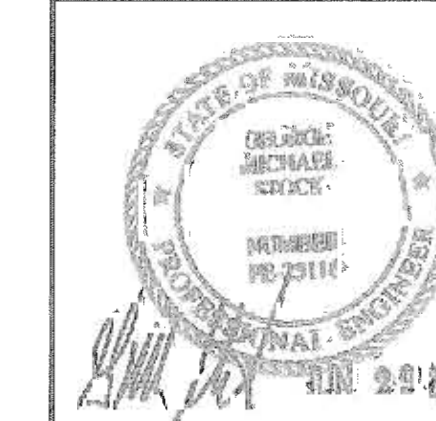
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- 2. 04/02/2012 - REVISED LAYOUT PER CITY ISSUES LETTER DATED 03/20/2012
- 1. 02/23/2012 - REVISED EXISTING ZONING

M.S.D. P# _____
BASE MAP # 18S. 19S

AERIAL EXHIBIT WITH CURRENT ZONING
MERCY HEALTH CAMPUS



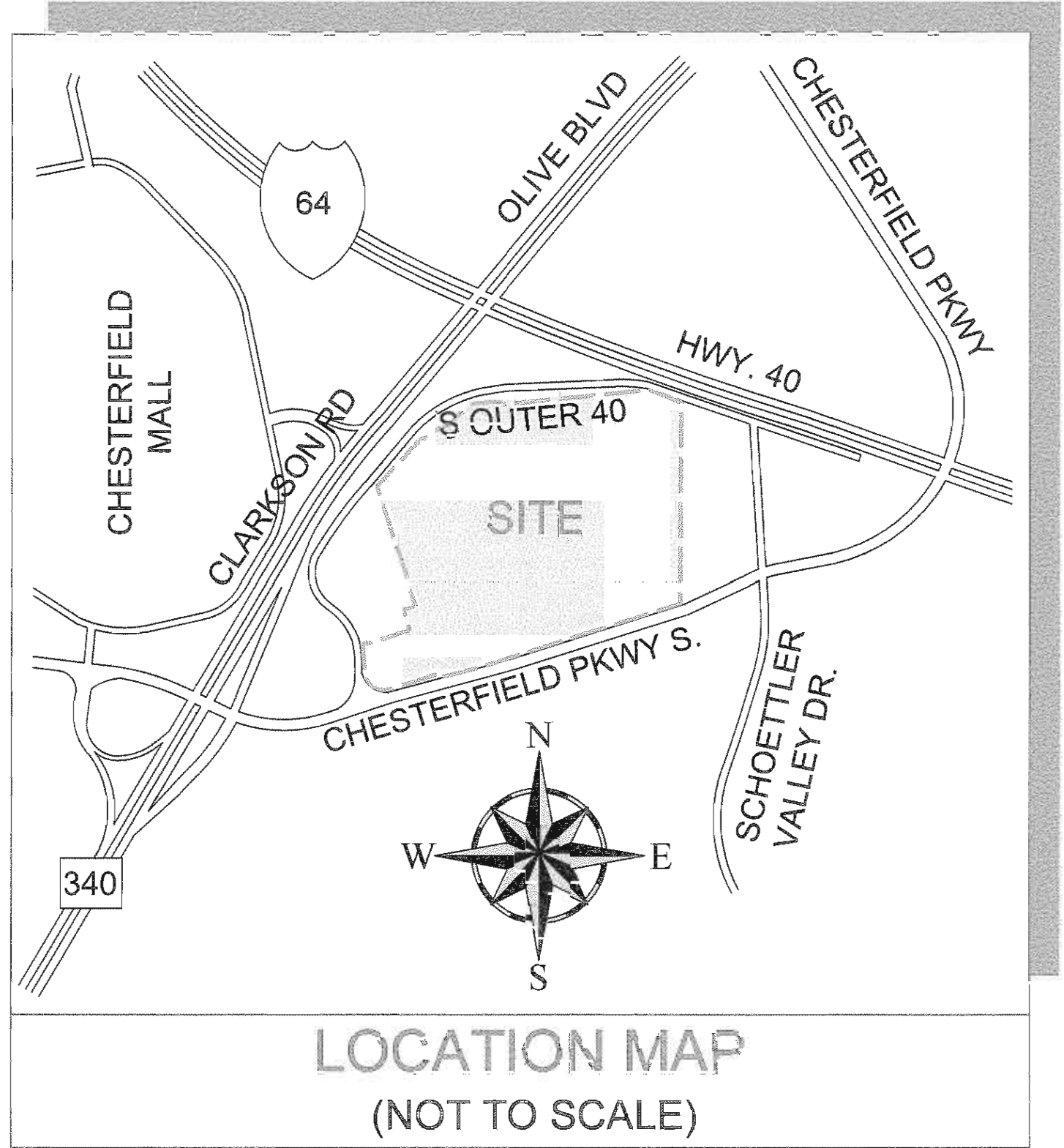
GEORGE M. STOCK E-25116
CIVIL ENGINEER
CERTIFICATE OF AUTHORITY
NUMBER: 000996

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DATE: 02/01/2012	BY: G.M.S.	DATE: 02/01/2012	PROJECT: 211-4821	SHEET: 6 of 6
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WOODLAND NARRATIVE

- W1 - 0.04 acres**
A small area of green ash with overstory that ranges from 5-8" DBH.
- W2 - 2.04 acres**
A mixture of older planted trees and native trees that have grown in to fill in what was once a savanna-like setting. Species is a variety of evergreens (white pine, scotch pine, Norway spruce, and Austrian pine) with overstory diameters ranging from 6-12" and mixed hardwoods (sycamore, elms, black locust, and silver maple) that range from 14" and larger in diameter. Most of the evergreens are mostly in a state of serious decline.
- W3 - 0.73 acre**
A young stand of elm, sweetgum, maple, and oak with overstory diameters ranging from 6-14". A few remnant larger diameter (12-24" DBH) trees include sycamore, pin oak, and silver maple.
- W4 - 0.56 acre**
A young stand of elm, sweetgum, maple, and oak with overstory diameters ranging from 6-14". A few remnant larger diameter (12-24" DBH) trees include sycamore, pin oak, and silver maple.
- W5 - 0.49 acre**
A young stand of black locust and elm with overstory diameters ranging from 8-10". A few remnant larger diameter (12-24" DBH) trees include sycamore, pin oak, and silver maple.
- W6 - 1.25 acres**
A high quality upland hardwood white oak stand with a small component of black oak, elm, and hackberry. The average overstory diameter is 18".
- W7 - 0.37 acre**
A high quality upland hardwood white oak stand with a small component of black oak, elm, and hackberry. The average overstory diameter is 12".
- W8 - 1.52 acres**
A young stand of black locust, sycamore, and elm with overstory diameters ranging from 8-10". A few remnant larger diameter (12-24" DBH) trees include sycamore, pin oak, and silver maple.
- W9 - 3.20 acres**
An undisturbed upland hardwood forest with an overstory of mostly white oak, with some red oak, black oak, and hickory. The average overstory diameter is 18". The understory consists of serviceberry, dogwood, redbud and regeneration-sized oak and hickory.
- W10 - 0.25 acre**
A stand of black locust and elm with overstory diameters ranging from 8-12". A few scattered larger diameter (12-24" DBH) trees include sycamore and silver maple.
- W11 - 3.67 acres**
A mixture of older planted trees and native trees that have grown in to fill in what was once a pastured area and slopes toward the north lake. Planted trees include evergreens (white pine, scotch pine, Norway spruce, and Austrian pine) with diameters ranging from 6-24" and hardwoods planted along the roadways that range from 14" to 28" in diameter. Most of the evergreens are declining. The historic open areas between the remnant evergreen plantings are now filled with 6-10" DBH elm, oak, and maple.
- W12 - 1.21 acres**
This stand contains an overstory of euonymus vine-covered, large-diameter black locust that range from 12-26" DBH. Other species include elm, oaks, and sycamore.
- W13 - 0.11 acre**
A row of Norway spruce 8-16" DBH growing along the north boundary have been severely trimmed to accommodate overhead wires. Several scotch and Austrian pines are dead from a pine wilt nematode infestation.
- W14 - 1.23 acres**
A mixture of older planted trees and native trees that have grown in to fill in what was once a pastured area. Planted trees include evergreens (white pine, scotch pine, Norway spruce, and Austrian pine) with diameters ranging from 6-24" and hardwoods planted along the roadways that range from 14" to 28" in diameter. Most of the evergreens are declining. The historic open areas between the remnant evergreen plantings are now filled with 6-10" DBH elm, oak, and maple.
- W15 - 0.22 acre**
A successional area (once pastureland) that is now filled with 6-10" DBH elm, oak, and maple.
- W16 - 3.23 acres**
A remnant upland forest area that now forms a border (buffer) along some of the assembled tracts and also surrounds small fields. Overstory is mixed hardwoods with areas of planted white pine (diameter ranges from 8-26") and sweetgum (diameter ranges from 8-22").
- W17 - 0.30 acre**
A grouping of silver maple trees in an old field with an overstory diameter that ranges from 20-13" DBH.
- W18 - 0.06 acre**
A row of Scotch pine along Chesterfield Parkway in fair to poor condition that range from 6-10" DBH.
- W19 - 0.04 acre**
A grouping of white pine trees in an old field with an overstory diameter that ranges from 14-18" DBH.
- W20 - 0.13 acre**
A grouping of silver maple trees in an old field with an overstory diameter that ranges from 18-20" DBH.
- W21 - 0.05 acre**
A grouping of white pine trees in an old field with an overstory diameter that ranges from 14-18" DBH.
- W22 - 0.06 acre**
A grouping of black locust trees in an old field with an overstory diameter that ranges from 8-10" DBH.

 = Approximate study area (40 acres)
21 = Mapped tree and tree number
15 = Mapped monarch tree and tree number
24 = Mapped tree with canopy spread for trees in non-woodland areas
 = Woodlands (20.69 acres)
 = Non-woodlands (14.57 acres)
 = Water (ponds, lakes)
 = Roads

Woodland Canopy Area	20.66 acres
Non-Woodland Canopy Area	2.03 acres
Total Canopy On-Site	22.69 acres

Prepared by

DAVEY
RESOURCE GROUP
A Division of The Davey Tree Expert Company

Prepared for

STOCK & ASSOCIATES
Consulting Engineers, Inc.

Tree Stand Delineation
Mercy Site
40 Acres, I-64 and Clarkson Road
Chesterfield, Missouri

Tree Stand Delineation prepared by:
Skip Kincaid, ISA Board Certified
Master Arborist (MW-0155BM)

Skip Kincaid

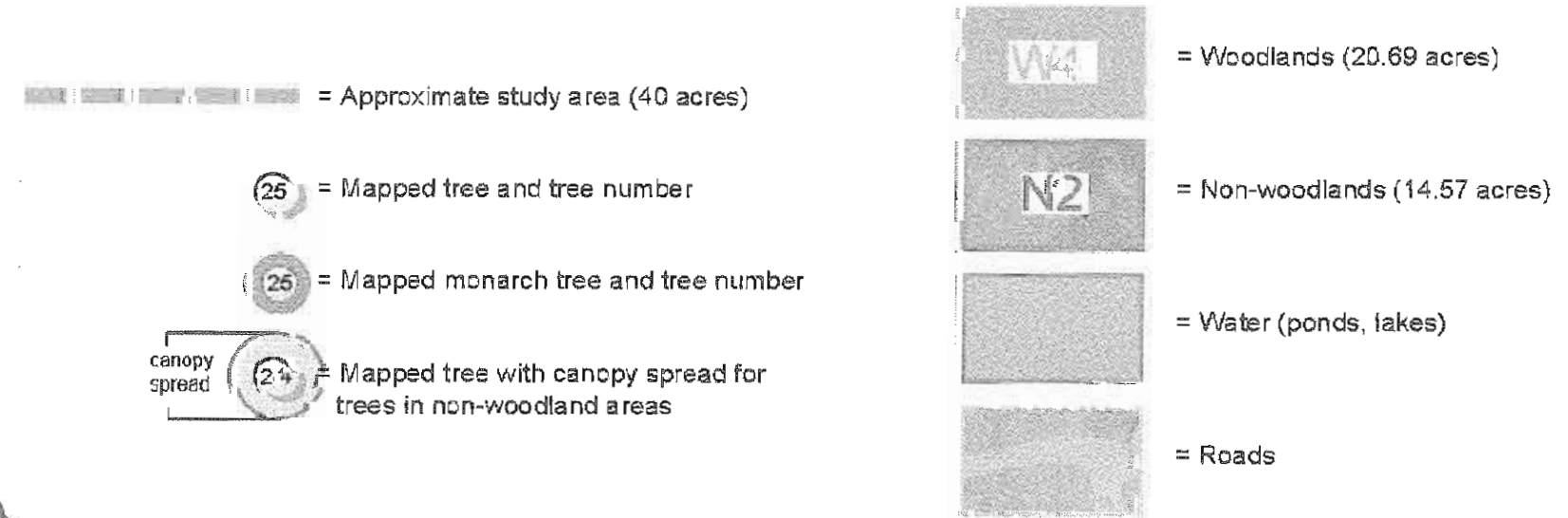
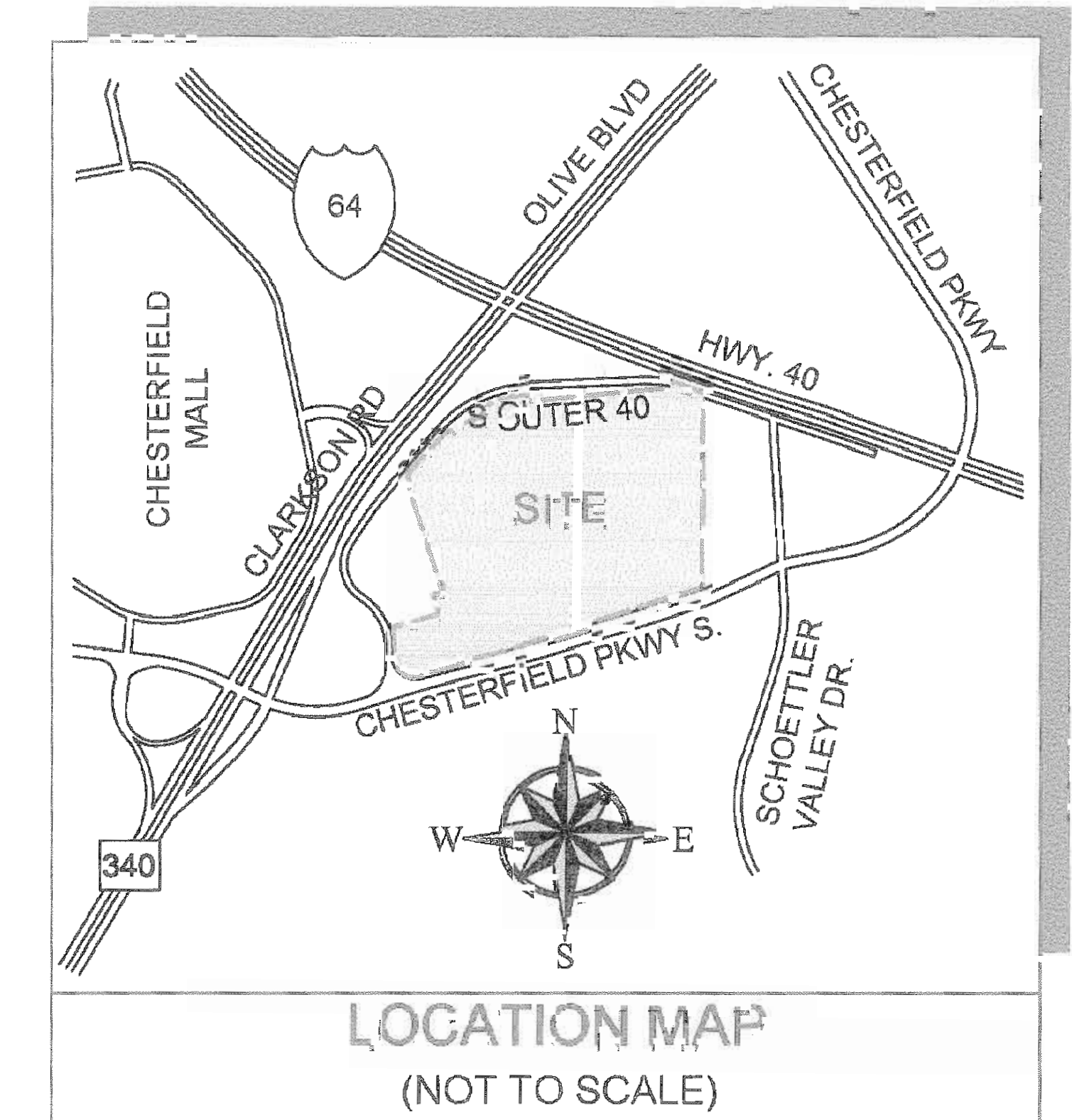
Tree data used to produce this map were collected on January 16, 17, and 18, 2012

Tree Stand Delineation mapping prepared by: Ken Christensen, ISA Board Certified Arborist (A-0690)

TREE DATA - Mercy Site - Chesterfield, MO - January 20, 2012

Map ID	Common Name	Diameter (inches @ 4.5')	Canopy Spread (feet)	Condition Rating	Monarch Tree?	Woodland Tree?	Comments
1	Ash, Green	8	25	Fair	No	No	
2	Ash, Green	11	20	Poor	No	No	
3	Ash, Green	7	20	Fair	No	No	
4	Ash, Green	11	30	Fair	No	No	
5	Ash, Green	10	25	Fair	No	No	
6	Ash, Green	8	25	Fair	No	No	
7	Ash, Green	10	25	Fair	No	No	
8	Ash, Green	11	25	Fair	No	No	
9	Ash, Green	8	20	Fair	No	No	
10	Ash, Green	9	20	Fair	No	No	
11	Maple, Silver	8	25	Fair	No	No	DUAL STEM
12	Oak, Pin	18	30	Fair	No	No	
13	Sycamore, American	13	45	Fair	No	No	
14	Pine, White	23	55	Fair	Yes	Yes	
15	Maple, Silver	7	15	Fair	No	No	
16	Cottonwood, Eastern	15	35	Fair	No	No	
17	Cottonwood, Eastern	14	40	Fair	No	No	
18	Ash, Green	14	25	Fair	No	No	
19	Ash, Green	23	55	Fair	No	No	
20	Pine, White	28	35	Fair	Yes	Yes	
21	Maple, Sugar	28	55	Poor	No	No	
22	Pine, White	20	40	Fair	Yes	Yes	
23	Pine, White	20	50	Fair	Yes	Yes	
24	Maple, Silver	15	30	Fair	No	No	
25	Pine, White	24	30	Fair	Yes	Yes	
26	Oak, Pin	35	65	Fair	Yes	Yes	
27	Bald Cypress	14	25	Fair	No	No	
28	Mimosa	13	40	Fair	No	No	MULTI STEM
29	Walnut, Black	26	55	Fair	Yes	Yes	
30	Bald Cypress	33	45	Good	Yes	Yes	
31	Oak, Pin	28	75	Fair	Yes	Yes	
32	Oak, Pin	28	60	Fair	Yes	Yes	
33	Oak, Pin	24	55	Fair	Yes	No	
34	Oak, Pin	36	75	Fair	No	No	
35	Walnut, Black	25	55	Fair	Yes	No	
36	Oak, Pin	37	60	Fair	No	No	
37	Pine, White	24	50	Fair	Yes	Yes	
38	Oak, Shingle	35	75	Fair	Yes	No	
39	elm, American	34	80	Poor	No	No	
40	Spruce, Colorado Blue	8	15	Poor	No	No	
41	Magnolia, Saucer	12	35	Fair	No	No	MULTI STEM
42	Locust, Black	27	30	Fair	No	No	
43	Pine, White	21	35	Fair	Yes	Yes	
44	Pine, White	24	45	Fair	Yes	Yes	
45	Pine, White	20	25	Fair	Yes	Yes	
46	American holly	5	15	Fair	No	No	
47	Oak, Pin	38	80	Poor	No	No	
48	Oak, Pin	30	60	Fair	No	No	
49	American holly	8	15	Fair	No	No	
50	Pine, White	30	40	Poor	Yes	Yes	
51	Maple, Sugar	15	30	Poor	No	No	
52	Pine, White	27	40	Fair	No	No	
53	Pine, White	25	30	Fair	Yes	Yes	DUAL STEM
54	Maple, Sugar	18	40	Fair	No	No	
55	Maple, Sugar	15	35	Fair	No	No	
56	Spruce, Colorado Blue	10	20	Fair	No	No	
57	Maple, Sugar	14	30	Fair	No	No	
58	American holly	6	10	Fair	No	No	DUAL STEM

59	Spruce, Colorado Blue	14	30	Good	No	No	
60	Maple, Red	35	55	Good	Yes	No	
61	Maple, Sugar	16	30	Poor	No	No	
62	Pine, White	20	30	Fair	Yes	No	
63	Beech, American	24	45	Fair	Yes	Yes	
64	Maple, Red	23	45	Fair	No	No	
65	Locust, Black	15	35	Poor	No	No	
66	Oak, Pin	35	70	Fair	Yes	No	
67	Pine, White	15	30	Fair	No	No	
68	Maple, Sugar	14	45	Fair	No	No	
69	Pine, White	12	20	Fair	No	No	
70	Crabapple, Spp.	7	20	Fair	No	No	
71	Pear, Aristocrat Callery	9	20	Fair	No	No	
72	Pine, White	20	30	Fair	Yes	Yes	
73	Bald Cypress	25	55	Fair	Yes	No	
74	Ginkgo	18	35	Poor	No	No	
75	Oak, Pin	22	45	Fair	No	No	
76	Maple, Sugar	21	40	Fair	No	No	
77	Pine, White	33	45	Fair	Yes	No	
78	Pine, White	28	55	Fair	Yes	Yes	
79	Walnut, Black	26	45	Fair	No	No	
80	Pine, White	20	45	Fair	Yes	Yes	
81	Pine, White	22	55	Fair	Yes	Yes	
82	Maple, Sugar	18	45	Fair	No	No	
83	Sweetgum, American	22	60	Fair	No	No	
84	Oak, Pin	33	60	Fair	No	No	
85	Sweetgum, American	21	65	Fair	No	No	
86	Pine, White	21	30	Fair	Yes	Yes	
87	Oak, Pin	38	65	Fair	No	No	
88	Pine, White	23	35	Fair	Yes	Yes	
89	American holly	6	20	Fair	No	No	
90	Oak, Shingle	39	65	Fair	Yes	Yes	
91	Hackberry, Common	34	65	Good	Yes	No	
92	Oak, Pin	44	65	Fair	No	No	
93	Locust, Black	32	30	Poor	No	No	
94	Locust, Black	30	35	Fair	No	No	
95	Locust, Black	27	30	Fair	No	No	
96	Walnut, Black	14	35	Fair	No	No	
97	Locust, Black	18	25	Poor	No	No	
98	Locust, Black	28	40	Fair	No	No	
99	Locust, Black	22	35	Poor	No	No	
100	Locust, Black	26	20	Poor	No	No	
101	Locust, Black	24	35	Fair	No	No	
102	Locust, Black	25	25	Poor	No	No	
103	Locust, Black	25	30	Poor	No	No	
104	Sycamore, American	36	60	Fair	Yes	No	
105	Sycamore, American	32	65	Fair	Yes	No	
106	Sycamore, American	40	80	Fair	Yes	Yes	
107	Locust, Black	9	30	Fair	No	No	
108	Tree of Heaven	18	45	Fair	No	No	
109	Oak, Shingle	18	60	Fair	Yes	No	
110	Tree of Heaven	9	25	Poor	No	No	
111	Tree of Heaven	10	20	Poor	No	No	
112	Walnut, Black	13	35	Poor	No	Yes	
113	Spruce, Norway	25	35	Fair	No	Yes	



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