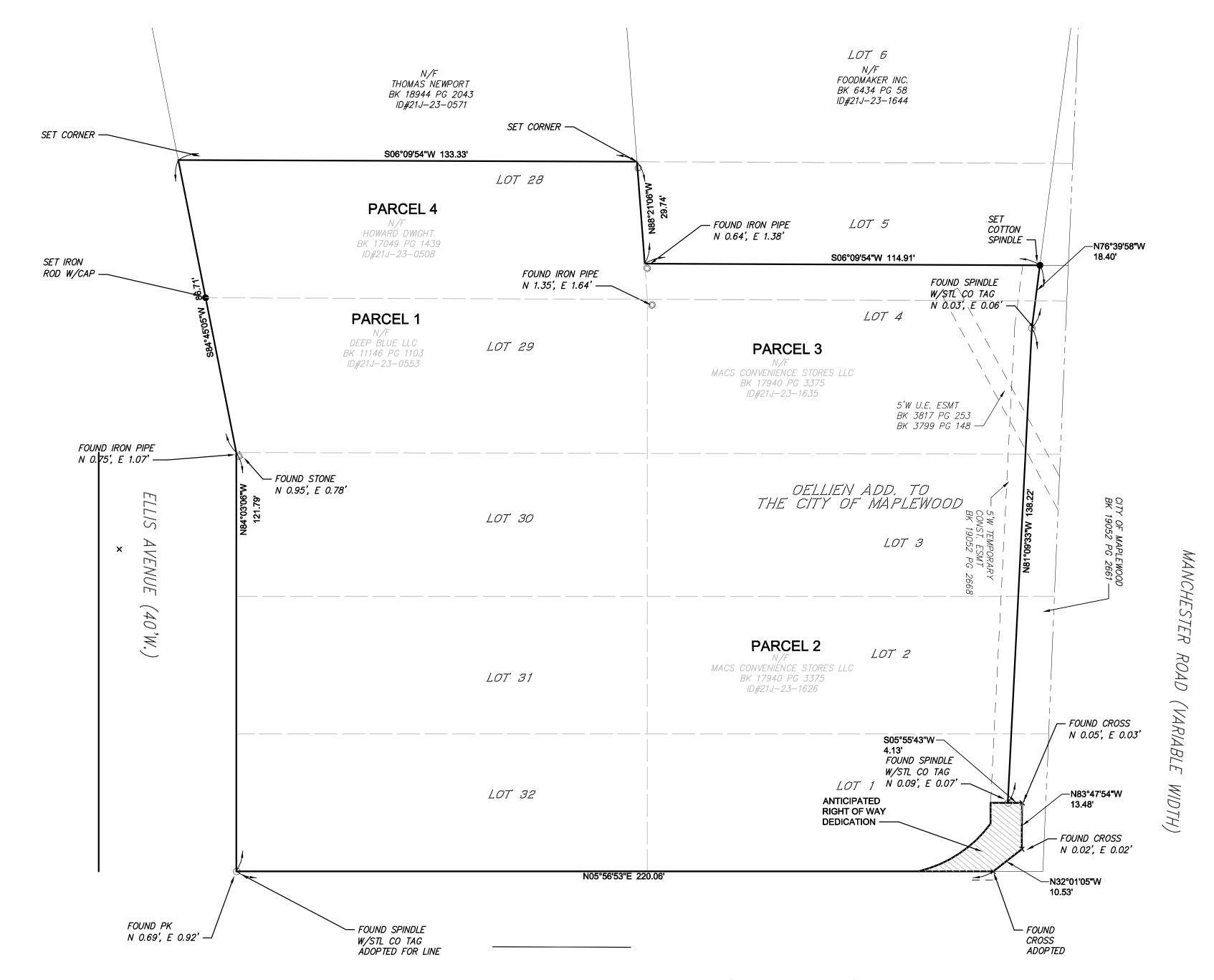
A TRACT OF LAND BEING PART OF LOTS 1-5 AND ALL OF LOTS 29-32 OF OELLIEN ADDITION TO THE CITY OF MAPLEWOOD TOWNSHIP 45 NORTH, RANGE 6 EAST,

0 10 20 40 SCALE: 1"-20" CITY OF MAPLEWOOD ST. LOUIS COUNTY, MISSOURI



BIG BEND ROAD (VARIABLE WIDTH)

SURVEY NOTES:

-Source of Title Information: First American Title Insurance Company, Commitment Number: LC-241235, amendment no. 1, dated August 19, 2014.

-Source of Bearing System Used: Assumed.

-Source of Deed: Macs Convenience Stores LLC as recorded in Deed Book 17940 page 3375 of the St. Louis County Records.

-By graphic plotting only, the property surveyed is within Zone "X" (areas determined to be outside 500-year floodplain), as per FIRM Community Panel No. 29189 C 0302 H, dated August 2, 1995.

-The site surveyed is within zoning districts AB, Arterial Business District and in SR, Single Family Residence, per the City of Maplewood website. AB Setbacks: Front-35 feet, except that if automobile parking space or driveways are not located between the public right of way and any principal or accessory buildings, the minimum required setback may be reduced to 20 feet. Gasoline pumps, air and water service and other fixtures used in connection with automobile service stations and any motor vehicle, mobile homes, trailers, equipment and boats stored or parked in the open shall be located not less than 15 feet from any public right of way. Side and Rear-None required, but if a side or rear yard is provided, no such yard shall be less than 5 feet. Maximum Height-50 feet.

SR Setbacks: Front-25 feet, Side-the combined side yard dimensions shall not be less than 15 feet with any side having a minimum of 5 feet. If the side yard faces a public right of way or private roadway, there shall be a side yard setback on the right of way side of the lot. The interior side yard of a corner lot shall be no less than 5 feet. Rear-30 feet. Maximum Height-to be determined by the zoning administrator.

-Property surveyed contains 44,522 square feet or 1.02 acres, more or less.

Parcel

Lot 29 of Oellien's Addition to Maplewood, in St. Louis County, Missouri, Fronting 45 feet 8 inches on the North line of Ellis Avenue, by a depth Northwardly on the East line of said Lot 7, 119 feet 6 inches, more or less, and on the West line of said Lot of 128 feet 5 inches, more or less, to the dividing line of said Block, bounded North by Lot No. 4, south by Ellis Avenue, East by Lot No. 30 and West by Lot No. 28 of said Block.

Known as 7517 Ellis Avenue, Maplewood, Mo.

Parcel 2:

Lots 1, 2, 3, 30, 31 and 32 of Oellien's Addition to Maplewood, in St. Louis County, Missouri, having aggregate front of 121 feet 3 inches on the Southern line of Manchester Road (now known as Manchester Boulevard), by a depth of Southwardly of 239 feet 8-1/2 inches on the West line of Lots 3 and 30 and of 234 feet 6 inches on the West line of Big Bend Road (now known as Big Bend Boulevard) to the North line of Ellis Avenue, on which they have a front of 121 feet 9-1/2 inches, EXCEPTING THEREFROM that part conveyed unto the City of Maplewood, Missouri for right-of-way purposes of Big Bend Boulevard and Manchester Boulevard as set forth in General Warranty Deed dated July 26, 2010 and recorded August 10, 2010 in Book 19052 page 2661.

Known as 2702 South Big Bend Boulevard, Maplewood, Mo.

Parcel 3:

Lot 4 and the Eastern 10 feet 2-1/4 inches of Lot 5 of Oellien's Addition to Maplewood, in St. Louis County, Missouri, according to the Plat thereof recorded in Plat Book 9 page 12 of the St. Louis County Records, together with a fronting 54 feet 11-3/4 inches on the South line of Manchester Boulevard by a depth Southwardly between parallel lines of 123 feet 3-3/4 inches, more or less, on the Western line and 120 feet 2-1/2 inches on the East line of the South line of said lots, having a width in the rear of 54 feet 11-3/4 inches, more or less, EXCEPTING THEREFROM that part conveyed unto the City of Maplewood, Missouri for right of way purposes of Big Bend Boulevard and Manchester Boulevard as set forth in General Warranty Deed dated July 26, 2010 and recorded August 10, 2010 in Book 19052 page 2661.

Known as 7518 Manchester Road (Boulevard), Maplewood, Mo.

Parcel 4:

Lot 28 of Oellien's Addition to Maplewood, in St. Louis County, Missouri, according to the Plat thereof recorded in Plat Book 9 page 12 of the St. Louis County Records.

Known as 7517 Ellis Avenue, Maplewood, Mo.

Being the same as

A tract of lane being all Lots 28 thru 32 and part of Lots 1 thru 5 of Oellien's Addition to Maplewood, in St. Louis County, Missouri, according to the Plat thereof recorded in Plat Book 9 page 12 of the St. Louis County Records and being further described as:

Beginning at the Southeast corner of said Lot 32, thence North 84 degrees 03 minutes 06 seconds West a distance of 121.79 feet; thence South 84 degrees 45 minutes 05 seconds West a distance of 86.71 feet to the Southwest corner of said Lot 28; thence along the West line of said Lot 28, North 06 degrees 09 minutes 54 seconds East a distance of 133.33 feet to the Northwest corner of said Lot 28; thence along the South line of said Lot 5, South 88 degrees 21 minutes 06 seconds East a distance of 29.74 feet; thence North 06 degrees 09 minutes 54 seconds East a distance of 114.91 feet to the South line of Manchester Road, variable width, as widened per Deed Book 19052 page 2673; thence along said South line, South 76 degrees 39 minutes 58 seconds East a distance of 18.40 feet; thence continuing along said South line, South 81 degrees 09 minutes 33 seconds East a distance of 138.22 feet; thence North 05 degrees 55 minutes 43 seconds East a distance of 4.13 feet; thence South 83 degrees 47 minutes 54 seconds East a distance of 13.48 feet; thence South 32 degrees 01 minutes 05 seconds East a distance of 10.53 feet to the West line of Big Bend Road, variable width; thence along said West line, South 05 degrees 56 minutes 54 seconds West a distance of 220.06 feet to the Point of Beginning and containing 44,522 square feet or 1.02 acres, more or less.

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	ノンプ	= `	THESE PLAN	NS AND SPECIFICATIONS SHALL NOT BE REPROF	AKE IHE PROPET	INESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF MCDONALD'S CORPORATION. AND SHALL NOT RE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.	Aut					
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		~	10801 MAS	10801 MASTIN BLVD., SUITE	400,	OVERLAND PARK, KS 66210	#00					
	ADDRESS		2707 BIG BEND ROAD MAPLEWOOD MISSOURI 63143	WOOD MISSOURI 6314.			137					

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PLAN APPROVAL	SIGNATURE (2 REQUIRED)						CO-SIGN SIGNATURES		
		REGIONAL MGR.	CONST. MGR.	TO T	PROJECI MANAGER	REAL ESTATE MGR.)	CONTRACTOR	OWNER
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PP-1

AS-CONST.

FG JOB NO 0110507.00

SITE ADDRESS

2707 BIG BEND MAPLEWOOD, MISSOURI 63143

PROPOSED AREA BREAKDOWN

4,385 SQUARE FEET RESTAURANT BUILDING AREA TOTAL BUILDING GROUND FLOOR AREA 4,385 SQUARE FEET (9.84%) PROPOSED PAVED AREA 31,448 SQUARE FEET (70.6%) 8,689 SQUARE FEET (19.56%) PROPOSED LANDSCAPE AREA

TOTAL LOT AREA

44,522 SQUARE FEET OR 1.02 ACRES

PROPOSED PARKING PROVIDED

27-9'x19' @ 60° + 2-9'x19' @60° HANDICAP STALLS + 1-9'x19' @ 90' = 30 SPACES

CURRENT OWNERS

DEEP BLUE LLC MAC'S CONVENIENCE HOWARD'S CARPET 7517 ELLIS AVE. STORES LLC CLEANING MAPLEWOOD, MO 63143 4080 W JONATHON 7519 ELLIS AVE. MOORE PIKE MAPLEWOOD, MO 63143 COLUMBUS, IN 47201 314-644-0619

DEVELOPER/FUTURE OWNER

McDONALD'S CORPORATION 10801 MASTIN BLVD OVERLAND PARK KS 66210 SUITE 400 913-217-3800

OUTBOUNDARY AND TOPO SURVEY BY

FARNSWORTH GROUP 20 ALLEN AVENUE SUITE 200 ST. LOUIS, MO 63119 314-962-7900 ATTN: MARC EDWARDS

EXISTING SITE ZONING = AB ARTERIAL BUSINESS PROPOSED ZONING = PUD TAX ID # 21J-23-1626 AVERAGE HEIGHT OF BUILDING PARAPET ±19' HEIGHT OF CAP ELEMENT $\pm 20'-3''$ NUMBER OF EMPLOYEES = 12SEATING CAPACITY 66 MAXIMUM. WILL DEPEND ON FINAL DECOR PACKAGE SELECTED

A TRACT OF LAND BEING

A TRACT OF LANE BEING ALL LOTS 28 THRU 32 AND PART OF LOTS THRU 5 OF OELLIEN'S ADDITION TO MAPLEWOOD. IN ST. LOUIS COUNTY. MISSOURI, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 9 PAGE 12 OF THE ST. LOUIS COUNTY RECORDS AND BEING FURTHER DESCRIBED AS:

BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT 32. THENCE NORTH 84 DEGREES 03 MINUTES 06 SECONDS WEST A DISTANCE OF 121.79 FEET: THENCE SOUTH 84 DEGREES 45 MINUTES 05 SECONDS WEST A DISTANCE OF 86.71 FEET TO THE SOUTHWEST CORNER OF SAID LOT 28; THENCE ALONG THE WEST LINE OF SAID LOT 28, NORTH 06 DEGREES 09 MINUTES 54 SECONDS EAST A DISTANCE OF 133.33 FEET TO THE NORTHWEST CORNER OF SAID LOT 28; THENCE ALONG THE SOUTH LINE OF SAID LOT 5, SOUTH 88 DEGREES 21 MINUTES 06 SECONDS EAST A DISTANCE OF 29.74 FEET; THENCE NORTH 06 DEGREES 09 MINUTES 54 SECONDS EAST A DISTANCE OF 114.91 FEET TO THE SOUTH LINE OF MANCHESTER ROAD, VARIABLE WIDTH, AS WIDENED PER DEED BOOK 19052 PAGE 2673; THENCE ALONG SAID SOUTH LINE, SOUTH 76 DEGREES 39 MINUTES 58 SECONDS EAST A DISTANCE OF 18.40 FEET; THENCE CONTINUING ALONG SAID SOUTH LINE, SOUTH 81 DEGREES 09 MINUTES 33 SECONDS EAST A DISTANCE OF 138.22 FEET; THENCE NORTH 05 DEGREES 55 MINUTES 43 SECONDS EAST A DISTANCE OF 4.13 FEET; THENCE SOUTH 83 DEGREES 47 MINUTES 54 SECONDS EAST A DISTANCE OF 13.48 FEET; THENCE SOUTH 32 DEGREES 01 MINUTES 05 SECONDS EAST A DISTANCE OF 10.53 FEET TO THE WEST LINE OF BIG BEND ROAD, VARIABLE WIDTH; THENCE ALONG SAID WEST LINE, SOUTH 05 DEGREES 56 MINUTES 54 SECONDS WEST A DISTANCE OF 220.06 FEET TO THE POINT OF BEGINNING AND CONTAINING 44,522 SQUARE FEET OR 1.02 ACRES, MORE OR LESS.

BENCHMARKS

-BENCHMARK USED: ELEVATION= 448.40 FEET. ST. LOUIS COUNTY BENCHMARK #14-67 "L" ON SOUTHEAST CORNER OF CONCRETE BASE OF CONCRETE GÜARDRAIL OF MANCHESTER ROAD BRIDGE OVER BLACK CREEK: APPROXIMATELY 45' WEST OF THE CENTERLINE OF HANLEY ROAD AND 30' SOUTH OF THE CENTERLINE OF MANCHESTER ROAD -SITE BENCHMARK: ELEVATION= 517.14 FEET. "O" IN OPEN ON FIRE HYDRANT LOCATED AT THE SOUTHEAST CORNER OF SITE.

APPLICANT/PLAN PREPARATION:

FARNSWORTH GROUP PROFESSIONAL IN CHARGE BOB POLK 20 ALLEN AVE SU 200 ST. LOUIS, MO 63119 AT 314-962-7900 (PROJECT CONTACT JEFF BROCCO)

MAPLEWOOD, MISSOURI McDONALD'S PRELIMINARY DEVELOPMET PLAN PACKAGE

GENERAL NOTES

- 1. ALL DIMENSIONS ARE TO FRONT FACE OF CURB UNLESS NOTED OTHERWISE. 2. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND DIMENSIONS OF NEW EXIT PORCHES, RAMPS, PATIOS, PRECISE BUILDING DIMENSIONS AND
- 3. THE CONTRACTOR SHALL KEEP ALL ACCESS ROADS FREE FROM MUD AND DEBRIS AT ALL TIMES. 4. THE CONTRACTOR SHALL SAWCUT ALL EDGES OF EXISTING PAVEMENT THAT IS TO BE REMOVED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CREATE A SMOOTH
- WORKING EDGE AND TO PLACE BACKFILL AND PAVEMENT SUCH THAT SETTLEMENT DOES NOT OCCUR. 5. REFER TO SITE LAYOUT PLAN FOR DIMENSIONAL CONTROL OF NEW IMPROVEMENTS
- 6. ALL MATERIALS AND WORKMANSHIP ASSOCIATED WITH THE SITE IMPROVEMENTS SHAL COMPLY WITH THE LATEST STANDARDS AND SPECIFICATIONS OF THE CITY OF MAPLEWOOD. 7. PROPOSED UTILITIES ARE SHOWN IN SCHEMATIC ONLY. EXACT LOCATIONS SHALL BE
- DETERMINED TO ALLOW FOR THE MOST ECONOMICAL AND PRACTICAL INSTALLATION. 8. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO DETERMINE EXACT POINT OF SERVICE CONNECTION AT EXISTING UTILITY. REFER TO THE ARCHITECTURAL DRAWINGS FOR UTILITY SERVICE ENTRANCE LOCATIONS. SIZES. AND CIRCUITING.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES AND CONSTRUCTION COSTS RELATED TO INSTALLATION AND CONNECTION OF ALL UTILITIES
- FROM LOCAL UTILITY COMPANY SOURCE TO THE NEW FACILITY. 10. EXISTING UTILITIES SHOWN HEREON ARE FROM INFORMATION PROVIDED BY UTILITY COMPANIES AND MUST BE CONSIDERED AS APPROXIMATE. CONTRACTOR SHALL BE
- RESPONSIBLE FOR DETERVINING EXACT LOCATION PRIOR TO COMMENCING WORK. 11. ALL MATERIALS AND WORKMANSHIP ASSOCIATED WITH THE ELECTRIC SERVICE CONSTRUCTION SHALL COMPLY WITH THE LATEST STANDARDS AND SPECIFICATIONS OF THE LOCAL GOVERNING UTILITY.
- 12. ALL MATERIALS AND WORKMANSHIP ASSOCIATED WITH THE TELEPHONE SERVICE
- CONSTRUCTION SHALL COMPLY WITH THE LATEST STANDARDS AND SPECIFICATIONS OF THE LOCAL GOVERNING UTILITY
- 13. ALL MATERIALS AND WORKMANSHIP ASSOCIATED WITH THE SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH THE LATEST STANDARDS AND SPECIFICATIONS OF THE METROPOLITAN ST. LOUIS SEWER DISTRICT
- 14. BACKFILL ALL UTILITY TRENCHES UNDER PAVEMENT WITH GRANULAR MATERIAL. REFER TO DETAIL ON SD SHEETS. 15. ALL MATERIALS AND WORKMANSHIP ASSOCIATED WITH THE STORM SEWER CONSTRUCTION SHALL
- COMPLY WITH THE LATEST STANDARDS AND SPECIFICATIONS OF THE METROPOLITAN ST. LOUIS SEWER DISTRICT 16. REFER TO SHEET C1.2 FOR DIMENSIONS AND SHEET C1.3 FOR IDENTIFICATION OF EXISTING AND PROPOSED IMPROVEMENTS. 17. REFER TO SHEET C2.1 FOR GRADING AND C3.1 FOR ABOVE AND BELOW GROUND SEWERS AND UTILITIES.
- 18. REFER TO L SHEETS FOR LANDSCAPE MATERIALS, DETAILS AND IRRIGATION PERFORMANCE SPECIFICATIONS. 19. ALL LANDSCAPE AREAS SHALL BE ROUGH GRADED TO 6" BELOW TOP OF ALL WALKS AND
- TOP SOIL TO BE ADDED TO THE LEVEL OF THE WALKS OR CURBS. 20. FOUNDATION DIMENSIONS SHOWN ARE TO MAIN FOUNDATION WALLS AND DO NOT INCLUDE ANY
- 21. REFER TO ARCHITECTURAL BUILDING PLANS AND SPECIFICATIONS FOR EARTHWORK AND

CURBS, AFTER INITIAL GRADING TO SIX INCHES (6") BELOW SUBGRADE.

- COVPACTION REQUIREVENTS FOR ALL SLABS AND BUILDING FOUNDATIONS. 22. FINISH SPOT ELEVATIONS AND CONTOURS ARE SHOWN TO TOP OF NEW PAVEMENT, WALKS, SOD, ETC.
- (AND NOT FINISH ROUGH GRADE)
- 23. FINISH SPOT ELEVATIONS AT THE FACE OF CURBS ARE SHOWN TO TOP OF NEW PAVEMENT AT THE GUTTER LINE UNLESS OTHERWISE NOTED.
- 24. A LEVEL AREA OF 60" x 60" FRONT APPROACH OR 48" x 60" SIDE APPROACH IS REQUIRED OUTSIDE OF THE ENTRANCE DOORS FOR WHEELCHAIR MANUEVERABILITY. NO STEP AT ACCESSIBLE
- 24a. ALL EARTHWORK AND SITE PREPARATION SHALL BE DONE IN STRICT ACCORDANCE WITH THE RECOMMENDATIONS OF THE LATEST VERSION OF THE SUBSURFACE INVESTIGATION REPORT PREPARED BY SCI ENGINEERING INC. 130 WEST POINT BLVD ST. CHARLES MO 63301
- 25. ALL GRADING AND DRAINAGE SHALL CONFORM TO THE LATEST STANDARDS AND SPECIFICATIONS OF THE CITY OF MAPLEWOOD.
- 26. NO SLOPE SHALL EXCEED 3:1 MAXIMUM.
- 27. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR AT GROUNDBREAK. FINISH WALK AND CURB ELEVATIONS SHALL BE 6"ABOVE FINISH PAVEMENT. ALL LANDSCAPE AREAS SHALL BE ROUGH GRADED TO 6"BELOW TOP OF ALL WALKS AND CURBS. FINISH GRADING, LANDSCAPING, AND SPRINKLER SYSTEMS ARE BY THE OWNER/OPERATOR.
- 28. McDONALD'S ROAD SIGN AND BASE ARE BY THE SIGN CONTRACTOR. CONDUIT AND WIRING ARE BY THE GENERAL CONTRACTOR, BASES, ANCHOR BOLTS, CONDUIT, AND WRING FOR ALL OTHER SIGNS ARE BY THE GENERAL CONTRACTOR. CONDUIT. BASE & WIRING TO LOCATIONS SHOWN AT THE LOT PERIMETER FOR LOT LIGHTING IS BY THE GENERAL CONTRACTOR. LIGHTING FXTURES & POLES ARE BY THE OWNER/OPERATOR. BASES FOR FLAGPOLES ARE BY THE GENERAL CONTRACTOR. ANCHOR BOLTS ARE BY THE FLAGPOLE SUPPLIER.
- 29. LOT LIGHTING CONCRETE FOOTINGS TO CONFORM WITH THE SOILS REPORT RECOMMENDATIONS FOR THIS
- 30. WHERE NATURAL VEGETATION IS REMOVED DURING GRADING, VEGETATION SHALL BE REESTABLISHED IN SUCH A DENSITY AS TO PREVENT EROSION.
- 31. WHEN CLEARING AND/OR GRADING OPERATIONS ARE COMPLETED OR SUSPENDED FOR MORE THAN 30 DAYS, ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO RETAIN SOIL MATERIALS ON SITE. PROTECT VE MEASURES MAY BE REQUIRED BY THE DIRECTOR OF PUBLIC WORKS/CITY ENGINEER OR MoDNR SUCH AS PERMANENT SEEDING, PERIODIC WETTING, MULCHING, OR OTHER SUITABLE MEANS.
- 32. PROVIDE WEEPHOLES ON CURBS AT ALL LANDSCAPE AREAS LOCATIONS. EXSTING SIGN BASE TO BE ANALYZED BY OTHERS. FOR USE FOR NEW SIGNAGE AND IS NOT PART OF THESE PLANS. FUTURE McDONALD'S SIGNAGE PLANS SHALL BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- 33. STORM WATER PIPES, OUTLETS AND CHANNELS SHALL BE PROTECTED BY SILT BARRIERS AND KEPT FREE OF WASTE AND
- SILT AT ALL TIMES PRIOR TO FINAL SURFACE STABILIZATION AND/OR PAVING. 34. SILTATION FENCES SHALL BE INSPECTED PERIODICALLY FOR DAMAGE AND FOR THE AMOUNT OF SEDIMENT WHICH HAS
- ACCUMULATED. REMOVAL OF SEDIMENT WILL BE REQUIRED WHEN IT REACHES 1/2 THE HEIGHT OF THE SILTATION FENCE. 35. NOTIFY CITY OF MAPLEWOOD DEPARTMENT OF PUBLIC WORKS 48 HOURS PRIOR TO THE COMMENCEMENT OF
- GRADING AND/OR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. 36. PARKING ON NON-SURFACED AREAS IS PROHIBITED IN ORDER TO ELIMINATE THE CONDITION WHEREBY MUD FROM CONSTRUCTION AND EMPLOYEE VEHICLES IS TRACKED ONTO THE PAVEMENT CAUSING HAZARDOUS ROADWAY AND DRIVING
- CONDITIONS. CONTRACTOR SHALL KEEP ROAD CLEAR OF MUD AND DEBRIS. 37. ALL FILLS PLACED UNDER PROPOSED STORM AND SANITARY SEWER LINES AND/OR PAVED AREAS, INCLUDING TRENCH BACKFILLS WITHIN AND OFF THE ROAD RIGHT-OF-WAY, SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS
- DETERMINED BY THE "MODIFIED AASHTO T-180 COMPACTION TEST" (ASTM D-1557) FOR THE ENTIRE DEPTH OF THE FILL. 38. COMPACTED GRANULAR BACKFILL IS REQUIRED IN ALL TRENCH EXCAVATION WITHIN THE STREET RIGHT-OF-WAY AND UNDER ALL PAVED AREAS PER REGULATING SEWER AUTHORITY SPECIFICATIONS. ALL TESTS SHALL BE PERFORMED UNDER THE DIRECTION OF AND VERIFIED BY A SOILS ENGINEER CONCURRENT WITH GRADING AND BACKFILLING OPERATIONS. CONSTRUCTION TESTING SHALL BE REQUIRED BY THE CITY TO CONFRM COMPLIANCE WITH CITY OF MAPLEWOOD STANDARDS AND SPECIFICATIONS FOR THE FOLLOWING ITEMS OF WORK: COMPACTION OF SUBGRADE, COMPACTION OF GRANULAR BACKFILL AGGREGATE BASE MATERIALS, DENSITY TESTS FOR ASPHALT PAVEMENT, AND COMPRESSION TESTS FOR CONCRETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE CITY 24 HOURS PRIOR TO PERFORMING THESE ITEMS OF WOEK. A COPY OF THE OF ALL TEST RESULTS SHALL BE SUBMITTED TO THE CITY.
- 39. NO EXCAVATION SHALL BE MADE SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY ADJOINING PROPERTY OF ANY PUBLIC OR PRIVATE STREET WITHOUT SUPPORTING AND PROTECTING SUCH PUBLIC OR PRIVATE STREET OR PROPERTY FROM SETTLING, CRACKING OR OTHER DAMAGE.
- 40. CONCRETE AND ASPHALTIC CONCRETE SURFACES SHALL CONFORM TO THE APPROPRIATE SECTIONS OF THE PROJECT SPECIFIC ATIONS
- 41. ALL WATER MAINS, METERS, METER BOXES, VALVES AND APPURTANANCES SHALL COMPLY WITH THE LATEST STANDARDS AND SPECIFICATIONS OF MISSOURI AMERICAN WATER.
- 42. EXTERNAL GREASE TRAP REQUIRED. GREASE TRAP TO BE LOCATED IN AN ACCESSIBLE LOCATION FOR INSPECTION GREASE TRAP TO PROVIDE MEANS FOR VISUAL INSPECTION FROM ABOVE FOR BOTH THE INFLUENT AND EFFLUENT SIDES. SAMPLING TEE TO BE LOCATED ON PRIVATE LATERAL IN AN ACCESSIBLE LOCATION FOR SAMPLING. SAMPLING TEE SHALL BE LOCATED DOWNSTREAM OF GREASE TRAP AND ALL OTHER COMMERCIAL SANITARY LATERALS TO FACILITATE SAMPLING. SAMPLING TEES SHALL BE SHOWN ON THE PLANS AND SHALL NOT BE LOCATED IN DR VE THRU LANES OR WITHIN PARKING SPACES.
- 43. CONTRACTOR TO VERIFY EXISTING ELEVATIONS AT ALL ENDS OF PIPES. CONTACT ENGINEER IF ANY DESCREPENCIES
- 44. ALL REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS III UNLESS NOTED OTHERWISE.

GENERAL NOTES-CONTINUED

- 45. ALL POLYVINYLCHLORIDE PIPE (PVC) SHALL BE SDR 35 UNLESS NOTED OTHERWISE 46. THE SEWER CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH THE FIELD VERIFICATION OF THE SEWER GRADE, OR REMOVAL AND REPLACEMENT OF THE SEWER PIPE OR ASSOCIATED APPURTENANCES.
- 47. INLET TOPS MUST MATCH SLOPE OF THE ADJOINING PAVEMENT.
- 48. ALL SEWERS SHALL BE INSTALLED WITH 3' MIN. COVER UNLESS NOTED OTHERWISE. 49. THICKEN EDGE OF ASPHALT PER SITE DETAILS WHEREVER ASPHALT PAVEMENT ADJOINS CONCRETE PAVEMENT.
- 50. THE CONTRACTOR SHALL FURNISH, MAINTAIN AND REMOVE TRAFFIC CONTROL DEVICES FOR THE PURPOSE OF REGULATING, WARNING AND DIRECTING TRAFFIC DURING ALL PHASES OF CONSTRUCTION IN/ADJACENT TO ROADWAYS. USE OF ALL FLAGVEN, BARRICADES, WARNING SIGNS, ETC. SHALL CONFORV TO GUIDELINES ESTABLISHED IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. IF CONSTRUCTION SIGNAGE AND TRAFFIC CONTROL MEASURES ARE DEEVED DURING CONSTRUCTION TO BE INADEQUATE/INSUFFICENT, THE CITY RESERVES THE RIGHT TO DIRECT AT THE CONTRACTOR'S
- EXPENSE THE ADDITION, OR MODIFICATION OF DEVICES/SIGNAGE. 51. ACCESS DRIVES SHALL BE KEPT OPEN TO TRAFFIC DURING ALL PHASES OF CONSTRUCTION OF IMPROVEMENTS. NO DRIVING LANE SHALL BE CLOSED WITHOUT WRITTEN PERMISSION FROM THE OVERALL PROPERTY OWNER.
- 52. APPROVAL OF THIS PLAN BY THE CITY DOES NOT CONSTITUTE AUTHORITY TO CONDUCT CONSTRUCTION OPERATIONS OR ENCROACH ON ADJACENT PROPERTY FOR ANY REASON. IS THE OWNER'S RESPONSIBILITY TO SECURE PERMISSION AND/OR OBTAIN ALL NECESSARY EASEMENTS FROM AFFECTED PROPERTY OWNERS FOR ANY OFF-SITE WORK.
- 53. A MINIMUM VERTICAL CLEARANCE OF 18 INCHES, OUTSIDE OF PIPE TO OUTSIDE OF PIPE, SHALL BE MAINTAINED AT ALL WATER MAIN AND SANITARY SEWER CROSSINGS. IF CONDITIONS NOT MEETING THIS REQUIREMENT ARE ENCOUNTERED DURING CONSTRUCTION, CONTRACTOR SHALL STOP WORK MMEDIATELY AND CONTACT THE OWNER AND THE CITY FOR DIRECTION.
- 54. ALL METHODS AND MATERIALS FOR CONSTRUCTION OF STORM AND SANITARY SEWERS SHALL BE IN ACCORDANCE WITH THE METROPOLITAN ST. LOUIS SEWER DISTRICT.

ABBREVIATIONS

BLDG

COR

CO

PB

SF

ST

TW

BW

TYP

P.O.B.

R.O.W.

CONC

ASPHALT

BUILDING

CORNER

CONCRETE

CLEANOUT

FLOW LINE

MANHOLE

PLAT BOOK

PLAT BOOK

SQUARE FEET

TOP OF WALL

BOTTOM OF CURB

BOTTOM OF WALL

STORM

TYPICAL

UTILITY

NORTH

SOUTH

EAST

WEST

SANITARY

GUTTER

HANDICAP STALL MARKER

McDONALDS DIRECTIONAL SIGN

PARKING STALL INDICATOR

DEMOLITION KEYED NOTE

HARDSCAPE KEYED NOTE

FIBER OPTIC CABLE MARKER

UTILITY KEYED NOTE

GRATE TOP MANHOLE

MONITORING WELL

TELEPHONE MANHOLE

GAS METER

D TRAFFIC SIGNAL

MAIL BOX

MATCH EXISTING

WIDE

POINT OF BEGINNING

ROOF-OFO NE RETE/CURB

DEED BOOK

55. ALL HANDICAPPED APPURTENANCES, INCLUDING STRIPING, SIGNING, RAMPS, RAILS, DETECTORS ECT. MUST COMPLY WITH THE LATEST IBC CHAPTER 11 AND ICC/ANSI

FLOOD PLAIN NOTE

STORM INLET

GRATE INLET

GAS VALVE

FIRE HYDRANT

WATER METER

WATER VALVE

UTILITY POLE

UTILITY POLE

GAS VALVE

AREA LIGHT

STREET LIGHT

ELECTRIC MANHOLE

SANITARY MANHOLE

STORM MANHOLE

DECIDUOUS TREE

EVERGREEN TREE

FINISH GRADE SPOT

POWER POLE WITH

EXISTING SPOT ELEVATION

TRANSFORMER

ELEVATION

ANTENNA

BOLLARD

BOREHOLE

TELEPHONE PEDESTAL

TRANSFORMER

ELECTRIC METER

GAS DRIP

GUY WIRE

W/TRANSFORMER

TRAFFIC PULLBOX

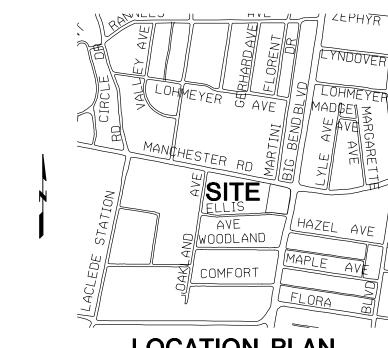
SANITARY MANHOLE

SANITARY MANHOLE

LIGHT STANDARD

CLEANOUT

-BY GRAPHIC PLOTTING ONLY, THE PROPERTY SURVEYED IS WITHIN ZONE "X" (AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN), AS PER FIRM COMMUNITY PANEL NO. 29189 C 0302 H, DATED AUGUST 2, 1995.



LOCATION PLAN

	<u>LINEWORK</u>	
	EX UNDERGROUND TELEPHONE LINE	<i>T</i>
E	EX UNDERGROUND ELECTRIC	
ST	EX STORM SEWER ST	- ST
	EX WATER MAIN EX SANITARY SEWER	W
SA OE	EX OVERHEAD ELEC OF EX GAS MAIN	- SA
	EX GAS MAIN EX OVERHEAD TELEPHONE	
- ·	<i>OT OT</i> X	=
	EX CABLE TV LINE EX CONTOUR 5' INTERVAL	TV —
499	EX CONTOUR 1' INTERVAL	
500	FINISH CONTOUR EROSION CONTROL BARRIER	

500	EX CONTOUR 5' INTERVAL
499	EX CONTOUR 1' INTERVAL
500	FINISH CONTOUR EROSION CONTROL BARRIER
IRR	NEW SLEEVE FOR IRRIGATION LINES NEW SANITARY SEWER
	NEW WATER SERVICE
	NEW GAS SERVICE
F	NEW ELECTRIC SERVICE
	NEW TELEPHONE SERVICE
	NEW STORM SEWER

CLIEFT INDEV

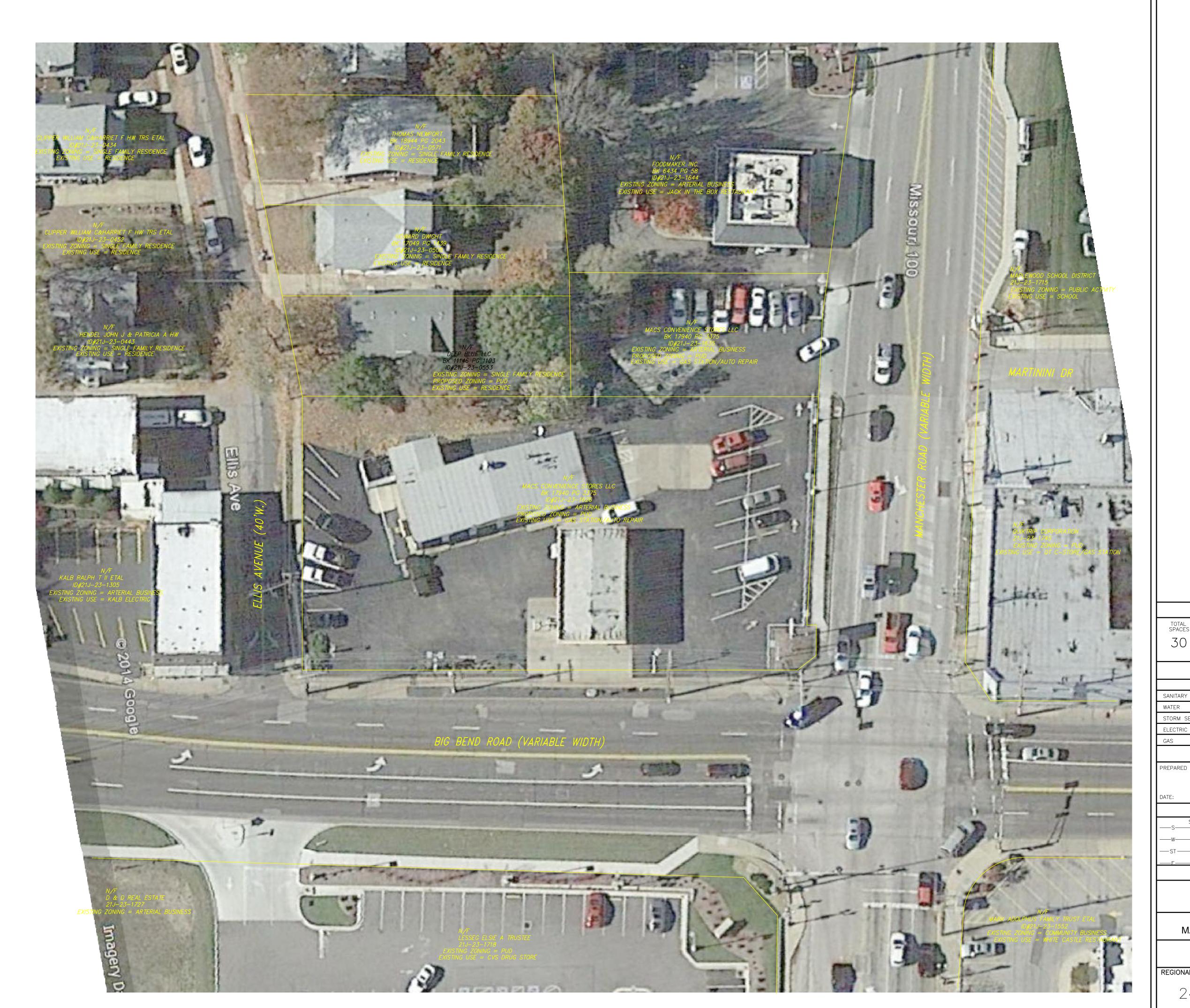
<u>SHEET</u>	<u>INDEX</u>
C0.0	COVER SHEET
SUV-1	ALTA SURVEY
C1.0	ZONING AREA PLAN
C1.1	LAYOUT PLAN
C1.1a	LAYOUT DETAIL PLAN
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C2.1	GRADING PLAN
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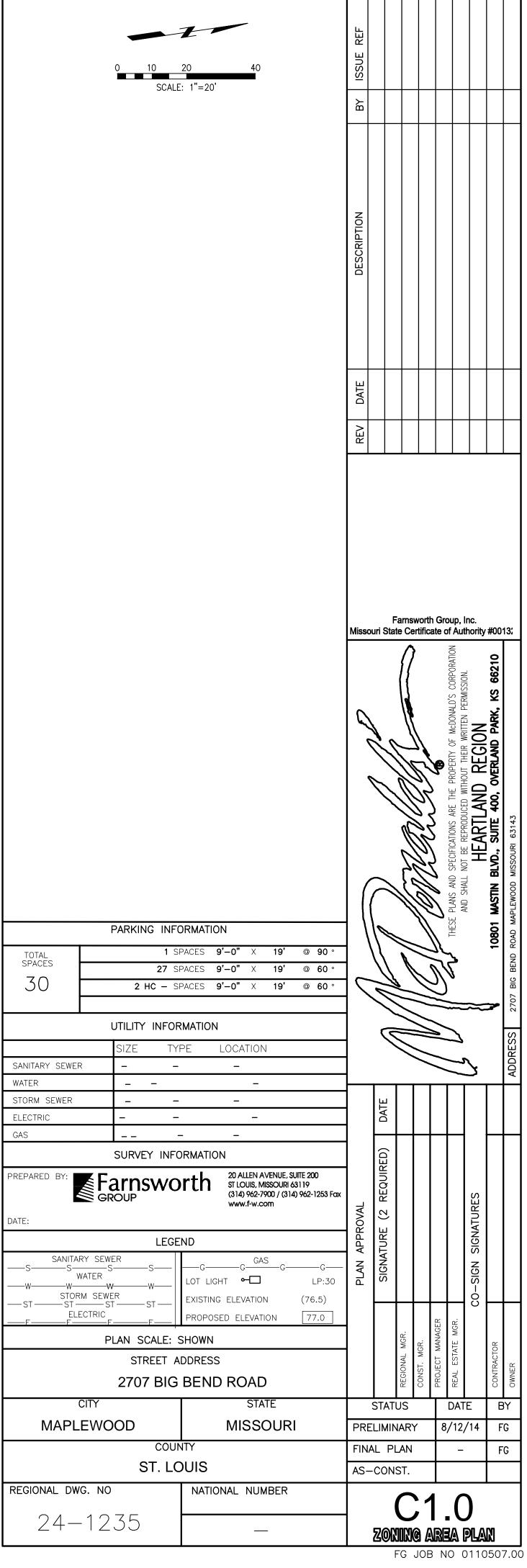
Farnsworth Group, Inc. Missouri State Certificate of Authority #0013;

8/12/14 PRELIMINARY FINAL PLAN AS-CONST.

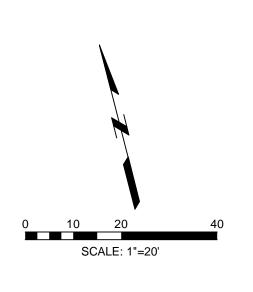
DATE

Cover Sheet FG JOB NO 0110507.00





COMFORT



S 76*39'58" E-

CITY OF MAPLEWOOD

BK 19052 PG 2673 -

— — — CONC WALK = = =

JACK-N+BOX

1-STORY

STUCÇO

FOUND IRON PIPE N 0.64', E 1.38'

R.R. TIE

RET WALL -

- 7'H PRIVACY

FENCE

LOT 28

PARCEL 4

HOWARD DWIGHT

ID#21J-23-0508

CONC STEPS

TO BASEMENT

ENCLOSED

1-STORY

STUCCO

RESIDENCE

PORCH -

3K 17049 PG 1439`

FOODMAKER INC.

BK 6434 PG 58

ID#21J-23-1644

S 88°21'06" E

29.74'

FOUND IRON PIPE

LOT 27

4'H CHAIN

THOMAS' NEWPORT

BK 18944 PG 2043

ID#21J-23-0571

1-STORY

BRICK

RESIDENCE

CONC

SET IRON

ROD W/CAP =

- FOUND IRON PIPE

N 0.14', W 0.24'

LINK FENCE

N 0.22', E 1.80'

R.R. TIE

RET WALL

SEWER MH

TOP=505.95

COULD NOT OPEN -

- FOUND SPINDLE

W/STL CO TAG

PARCEL 3

MACS CONVENIÉNCE STORES LLC

BK 17940 PG 3375 ID#21J-23-1635

< 4'H CHAIN

· FOUND IRON RIPE

N 1,35', E 1.64

PARCEL 1

DEEP BLUE LLC

BK 11146 PG 1103

ID#21J-23-0553

-STORY

BRICK

RESIDENCE

TOP=519.38

FL=511.68 —

FF=525.09

O'L*OT 2*9

LINK FENCE

BK 3817 PG 253

BK 3799 PG 148

ALTA/ACSM LAND TITLE SURVEY

A TRACT OF LAND BEING PART OF LOTS 1-5 AND ALL OF LOTS 29-32 OF OELLIEN ADDITION TO THE CITY OF MAPLEWOOD TOWNSHIP 45 NORTH, RANGE 6 EAST, CITY OF MAPLEWOOD ST. LOUIS COUNTY, MISSOURI

TOP=506.59
COULD NOT OPEN MANCHESTER ROAD (VARIABLE WIDTH)

CITY OF MAPLEWOOD

BK 19052 PG 2661 -

TOP=506.25

FL=501.95

CONST. ESMT

BK 19052 PG 2668

RET WALL

► FOUND IRON PIPE

N 0.75', E 1.07'

ELLIS AVENUE (40'W.)

1—STÓRY BLOCK

FF⊨*511.59*

7'H PRIVACY

CONC CURB

BENCHMARK

"O" IN OPEN ON

STM INLET

TOP=514.48

FL=511.60 —

FIRE HYDRANT

EL=517.14 ---

OEXLIENX ADD. TO

S 83°47′54" E¬

N 05°55'43" E N 0.05', E 0.03'

FOUND SPINDLE

Ņ 0.09', E 0.07'

PARCEL 2

MACS CONVENIENCE STORES LLC BK 17940 PG 3375

ID#21J-23-1626

COLUMN (TYP) -

EDGE OF

COULD NOT OPEN

- FOUND CROSS

MARQUEE

ISLAND (TYP)

GŘĂTE INLET

TOP=509.81

- OVERHEAD FL=508.6'

BAY DOOR FULL OF DIRT -

N 0.02', E 0.02'

TOP=507.42

— GRATE INLET

TOP=506.59

FL=504.34

10.53'

ADOPTED

COULD NOT OPEN

TOP=508.35

COULD NOT OPEN

This is to certify that at the request of McDonald's Corporation, we have on the 2nd day of October, 2014 made a Survey in accordance with the Current Minimum Standards for Property Boundary Surveys of the Missouri Board of Architects, Professional Engineers and Land Surveyors and the Missouri Department of Natural Resources, Division of Geology and Land Survey and in a manner consistent with the degree of care and skill ordinarily exercised by members of the same profession currently practicing and in similar circumstances on a tract being part of U.S. Survey 2037 and 2939, Township 45 North, Range 6 East in the County of St. Louis, Missouri and that the results of said Survey are represented upon this plat. The property surveyed is an Urban class property as defined in said Standards. This Survey was made upon the ground, under my direct supervision and made in accordance with the "Minimum Standard Detail

Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA and NSPS in 2011, and includes Items 1-6b, 7a, 8, 9, 11b and 13 of Table A thereof. Pursuant to the Accuracy Standards as adopted by ALTA and NSPS and in effect on the date of this certification, undersigned further certifies that in my professional opinion, as a land surveyor registered in the State of Missouri, the Relative Positional Accuracy of this survey does not exceed that which is specified therein.

I also hereby certify to McDonald's Corporation, McDonald's USA LLC, McDonald's Real Estate Company and First American Title Insurance Company, that this plan has been compiled from a survey actually made on the ground under my supervision during the month of October, 2014, that it is correct and complies with the requirements provided by McDonald's Corporation.

Farnsworth Group, Inc., By: Marc V. Edwards, P.L.S. (AGENT)

Marc V. Edwards, P.L.S. - 2360 (AGENT)

Surveyed by: K. Brown Survey No. 0110507.01

SURVEY NOTES

-Source of Title Information: First American Title Insurance Company, Commitment Number: LC-241235, amendment no. 1, dated

-Source of Bearing System Used: Assumed.

-Source of Deed: Macs Convenience Stores LLC as recorded in Deed Book 17940 page 3375 of the St. Louis County Records. -By graphic plotting only, the property surveyed is within Zone "X" (areas determined to be outside 500-year floodplain), as per

FIRM Community Panel No. 29189 C 0302 H, dated August 2, 1995. -The site surveyed is within zoning districts AB, Arterial Business District and in SR, Single Family Residence, per the City of Maplewood website. AB Setbacks: Front-35 feet, except that if automobile parking space or driveways are not located between the public right of way and any principal or accessory buildings, the minimum required setback may be reduced to 20 feet.

Gasoline pumps, air and water service and other fixtures used in connection with automobile service stations and any motor

public right of way. Side and Rear-None required, but if a side or rear yard is provided, no such yard shall be less than 5 feet.

vehicle, mobile homes, trailers, equipment and boats stored or parked in the open shall be located not less than 15 feet from any

SR Setbacks: Front-25 feet, Side-the combined side yard dimensions shall not be less than 15 feet with any side having a minimum of 5 feet. If the side yard faces a public right of way or private roadway, there shall be a side yard setback on the right of way side of the lot. The interior side yard of a corner lot shall be no less than 5 feet. Rear-30 feet. Maximum Height-to be determined by the zoning administrator.

-Property surveyed contains 44,522 square feet or 1.02 acres, more or less.

-Several manholes located in Manchester Road and Big Bend Road could not be opened due to the heavy traffic.

-Pavement encroaches over Parcel 3 and 4, as shown.

Exceptions from Schedule B Section II

#1-8, 11, 12, 14, 16-17 are non-survey.

#9-Easements, restrictions and setback lines as per plat, recorded in Plat Book 9 page 12 and restrictions and conditions according to deed recorded in Book 570 page 373 and Book 202 page 405. No easement shown on Plat Book 9 page 12. Restrictions in Book 570 page 373 and Book 202 page 405 apply.

#10-Easement to Union Electric as recorded in Book 3799 page 148 and Book 3817 page 253. Applies and affects as shown.

#13-Easement granted by the City of Maplewood recorded in Book 19052 page 2668. Applies and affects as shown.

#15-Building lines, easements as recorded in Plat Book 9 page 12. Applies and affects as shown.

PROPERTY DESCRIPTION FROM THE ABOVE REFERENCED COMMITMENT:

Lot 29 of Oellien's Addition to Maplewood, in St. Louis County, Missouri, Fronting 45 feet 8 inches on the North line of Ellis Avenue, by a depth Northwardly on the East line of said Lot 7, 119 feet 6 inches, more or less, and on the West line of said Lot of 128 feet 5 inches, more or less, to the dividing line of said Block, bounded North by Lot No. 4, south by Ellis Avenue, East by Lot No. 30 and West by Lot No. 28 of said Block.

Known as 7517 Ellis Avenue, Maplewood, Mo.

Parcel 2:

Lots 1, 2, 3, 30, 31 and 32 of Oellien's Addition to Maplewood, in St. Louis County, Missouri, having aggregate front of 121 feet 3 inches on the Southern line of Manchester Road (now known as Manchester Boulevard), by a depth of Southwardly of 239 feet 8-1/2 inches on the West line of Lots 3 and 30 and of 234 feet 6 inches on the West line of Big Bend Road (now known as Big Bend Boulevard) to the North line of Ellis Avenue, on which they have a front of 121 feet 9-1/2 inches, EXCEPTING THEREFROM that part conveyed unto the City of Maplewood, Missouri for right-of-way purposes of Big Bend Boulevard and Manchester Boulevard as set forth in General Warranty Deed dated July 26, 2010 and recorded August 10, 2010 in Book 19052 page 2661.

Known as 2702 South Big Bend Boulevard, Maplewood, Mo.

Parcel 3:

Lot 4 and the Eastern 10 feet 2-1/4 inches of Lot 5 of Oellien's Addition to Maplewood, in St. Louis County, Missouri, according to the Plat thereof recorded in Plat Book 9 page 12 of the St. Louis County Records, together with a fronting 54 feet 11-3/4 inches on the South line of Manchester Boulevard by a depth Southwardly between parallel lines of 123 feet 3-3/4 inches, more or less, on the Western line and 120 feet 2-1/2 inches on the East line of the South line of said lots, having a width in the rear of 54 feet 11-3/4 inches, more or less, EXCEPTING THEREFROM that part conveyed unto the City of Maplewood, Missouri for right of way purposes of Big Bend Boulevard and Manchester Boulevard as set forth in General Warranty Deed dated July 26, 2010 and recorded August 10, 2010 in Book 19052 page 2661.

Known as 7518 Manchester Road (Boulevard), Maplewood, Mo.

Parcel 4:

SEWER MH

FOUND SPINDLE

TOP=513.89

FL=509.49

- SEWER MH

TOP=513.36

IN (NW) FL=507.9

IN (SW) FL=507.6

IN (W) FL=507.4

IN (S) FL=508.5

IN (S) FL=507.8

OUT (N) FL=502.9

ADOPTED FOR LINE

TOP=511.72

COULD NOT OPEN

Lot 28 of Oellien's Addition to Maplewood, in St. Louis County, Missouri, according to the Plat thereof recorded in Plat Book 9 page 12 of the St. Louis County Records.

Known as 7517 Ellis Avenue, Maplewood, Mo.

Being the same as:

A tract of lane being all Lots 28 thru 32 and part of Lots 1 thru 5 of Oellien's Addition to Maplewood, in St. Louis County, Missouri, according to the Plat thereof recorded in Plat Book 9 page 12 of the St. Louis County Records and being further described as:

Beginning at the Southeast corner of said Lot 32, thence North 84 degrees 03 minutes 06 seconds West a distance of 121.79 feet; thence South 84 degrees 45 minutes 05 seconds West a distance of 86.71 feet to the Southwest corner of said Lot 28; thence along the West line of said Lot 28, North 06 degrees 09 minutes 54 seconds East a distance of 133.33 feet to the Northwest corner of said Lot 28; thence along the South line of said Lot 5, South 88 degrees 21 minutes 06 seconds East a distance of 29.74 feet; thence North 06 degrees 09 minutes 54 seconds East a distance of 114.91 feet to the South line of Manchester Road, variable width, as widened per Deed Book 19052 page 2673; thence along said South line, South 76 degrees 39 minutes 58 seconds East a distance of 18.40 feet; thence continuing along said South line, South 81 degrees 09 minutes 33 seconds East a distance of 138.22 feet; thence North 05 degrees 55 minutes 43 seconds East a distance of 4.13 feet; thence South 83 degrees 47 minutes 54 seconds East a distance of 13.48 feet; thence South 32 degrees 01 minutes 05 seconds East a distance of 10.53 feet to the West line of Big Bend Road, variable width; thence along said West line, South 05 degrees 56 minutes 54 seconds West a distance of 220.06 feet to the Point of Beginning and containing 44,522 square feet or 1.02 acres, more or less.

-BENCHMARK USED: Elevation= 448.40 feet. St. Louis County Benchmark #14-67 "L" on southeast corner of concrete base of concrete guardrail of Manchester Road bridge over Black Creek; approximately 45' west of the centerline of Hanley Road and 30' south of the centerline of Manchester Road

-SITE BENCHMARK: Elevation= 517.14 feet. "O" in open on fire hydrant located at the southeast corner of site.

-The location of existing underground facilities, structures and utilities, if and when shown, have been plotted from available surveys and records and do not necessarily reflect the actual existence, nonexistence, size, type, number or location, therefore these locations must be considered approximate. There may be others, the existence of which is presently not known. The contractor shall be responsible for verifying the actual location of all utilities, shown or not shown, and said utilities shall be located in the field prior to any project construction.

GROUP 20 ALLEN AVENUE, SUITE 200

ST LOUIS, MISSOURI 63119 (314) 962-7900 / info@f-w.com

www.f-w.com

Engineers | Architects | Surveyors | Scientists # Date: Description:

10/3/14 Added new lot. revised title

Farnsworth Group, Inc. Missouri State Certificate of Authority #000299

PROJECT:

McDONALD'S USA, LLC L/C #24-1235

MAPLEWOOD McDONALD'S

2707 BIG BEND RD MAPLEWOOD, MO 63143

Date:		05	5-13-14
Design/Dra	wn:		REV
Reviewed:			MVE
Book No.:	303/40	Field:	KE

SHEET TITLE:

ALTA/ACSM **LAND TITLE SURVEY**

SHEET NUMBER:

0110507.01

LOCATION MAP ABBREVIATIONS CONCRETE DEED BOOK

OVERHEAD ELECTRIC OVERHEAD UTILITY POINT OF BEGINNING POINT OF COMMENCEMENT

SYMBOLS

P.O.B.

P.O.C RET

STORM INLET GRATE INLET STREET LIGHT PARKING LIGHT POWER POLE FIRE HYDRANT COMBINED MANHOLE

COMMUNICATIONS PEDESTAL COMMUNICATIONS MANHOLE WATER METER WATER VALVE BOLLARD/POST GAS VALVE ELECTRIC METER GAS METER ELECTRIC HANDHOLE

ELEVATION

EXISTING

FRAME

GARAGE

MANHOLE

PLAT BOOK

RETAINING

SANITARY

STORM

TYPICAL

WIDTH

NORTH

SOUTH

EAST

WEST

SQUARE FEET

FLOW LINE

TRAFFIC SIGNAL PARKING COUNT STORM LINE SANITARY LINE OVERHEAD UTILITY

FIBER OPTIC LINE WATER LINE GAS LINE

 \sim

DENOTES ASPH PAVEMENT DENOTES CONC PAVEMENT

DENOTES BRICK PAVEMENT

DENOTES CONC WALK

UTILITIES:

LACLEDE GAS COMPANY

SEWER:

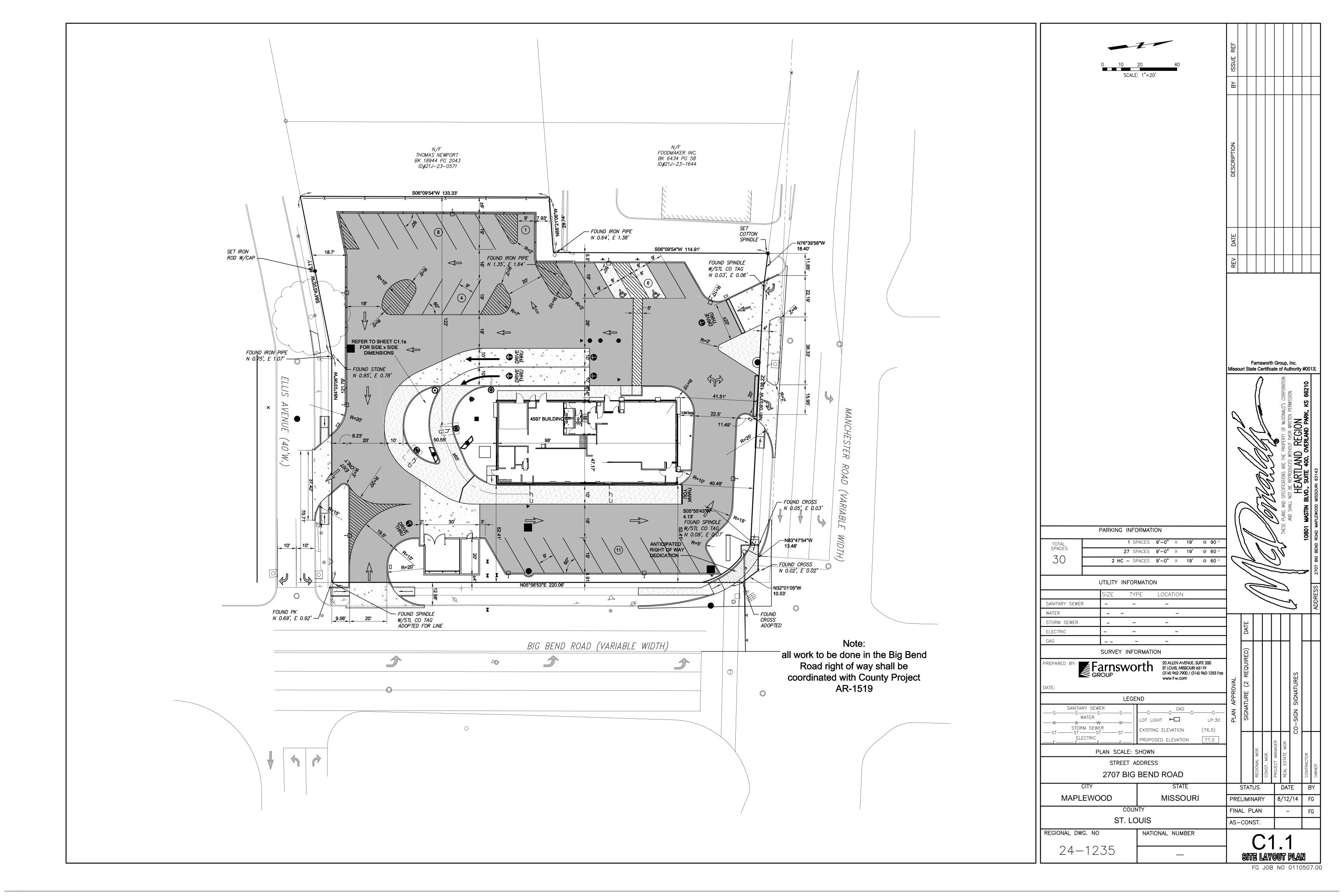
1-800-552-7583

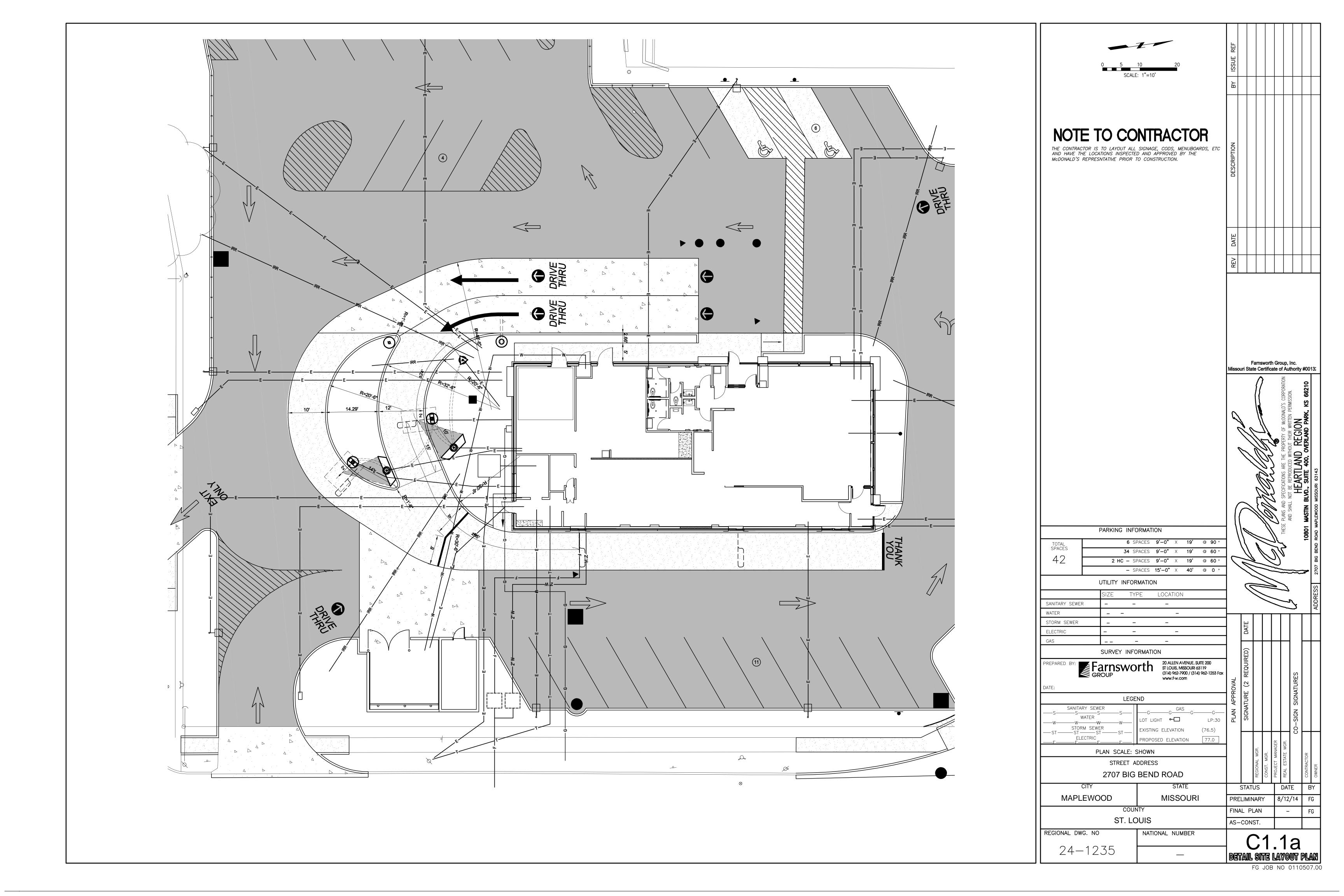
MISSOURI AMERICAN WATER 1-866-430-0820

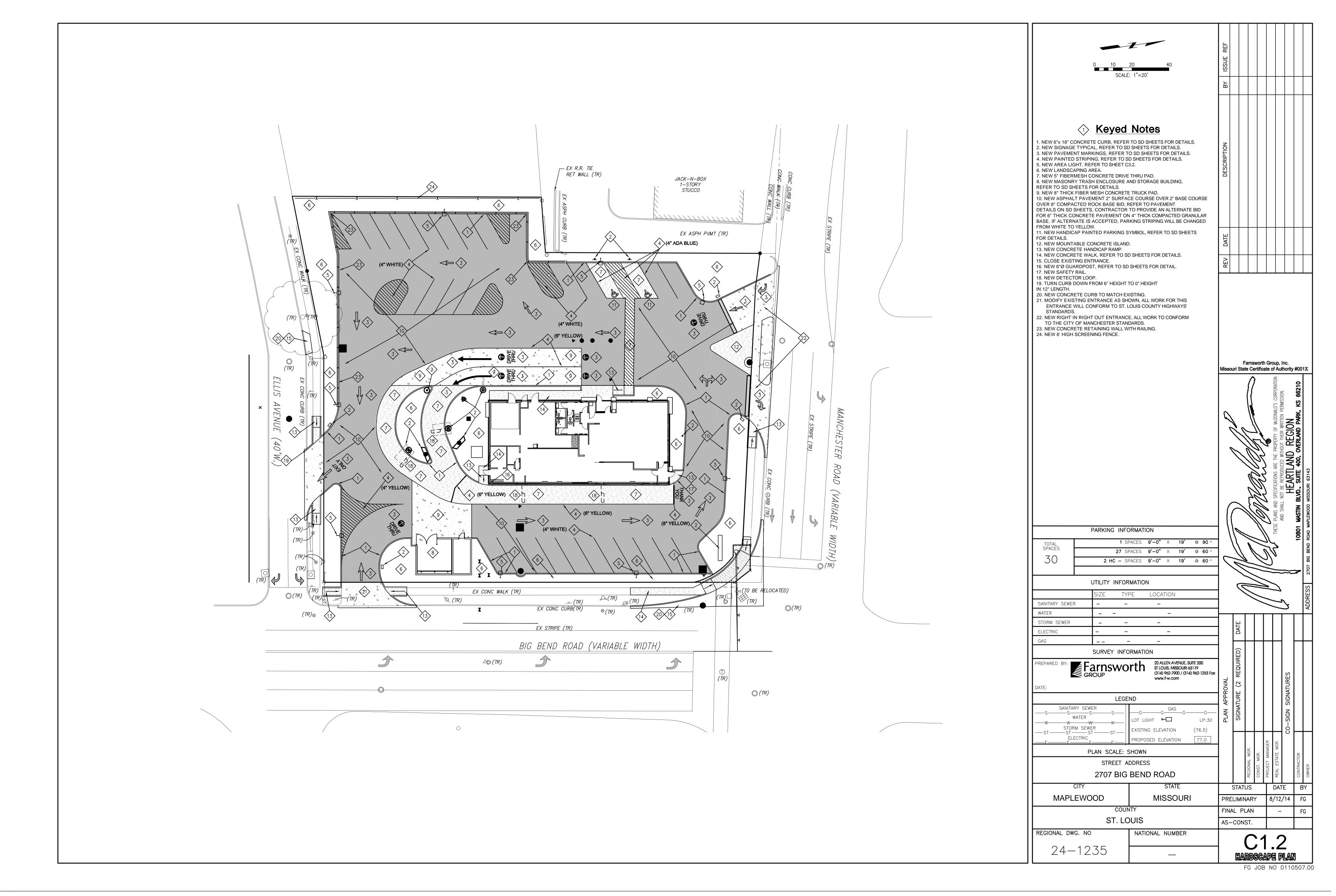
ELECTRIC: AMEREN UE 1-314-621-6960

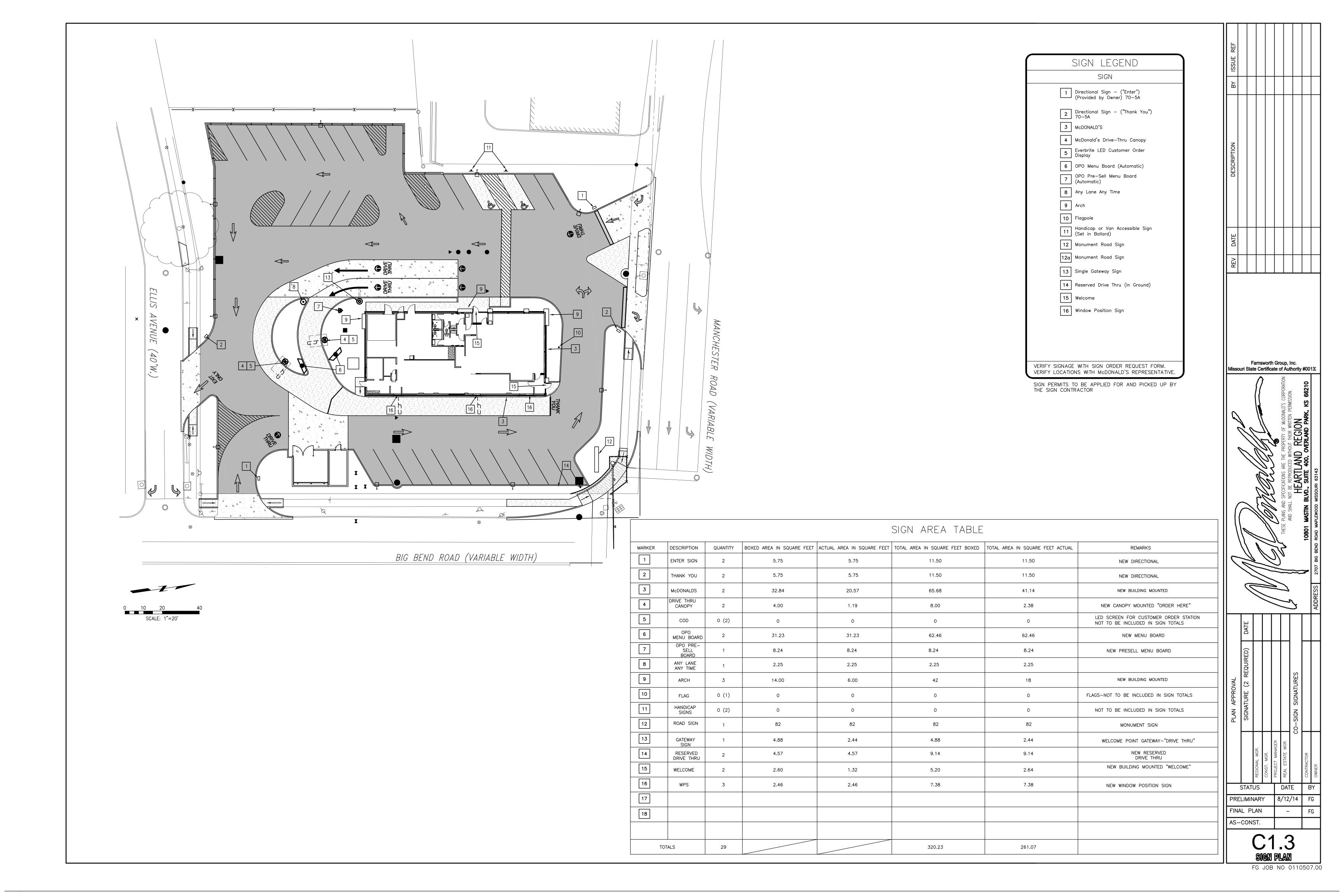
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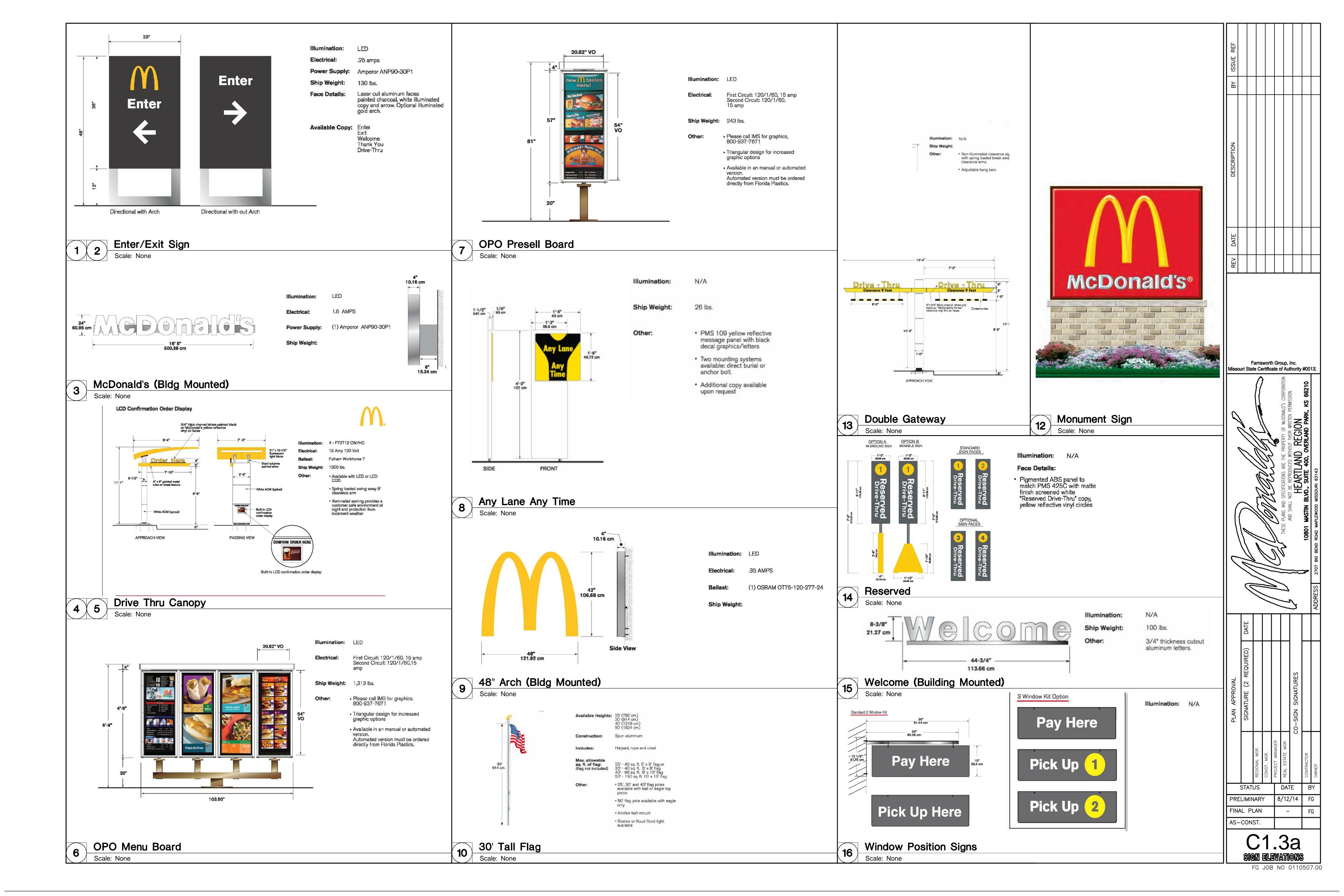
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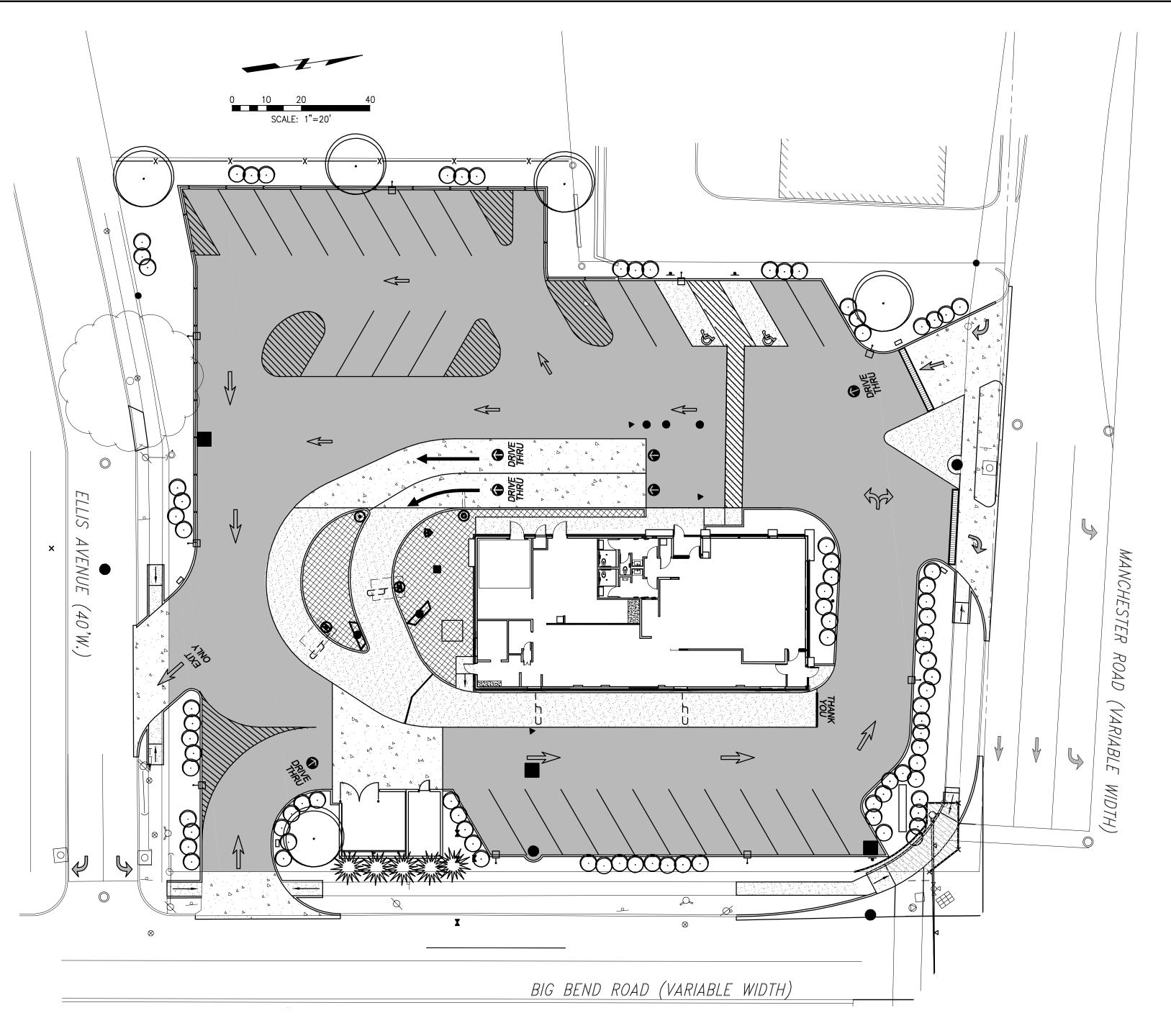


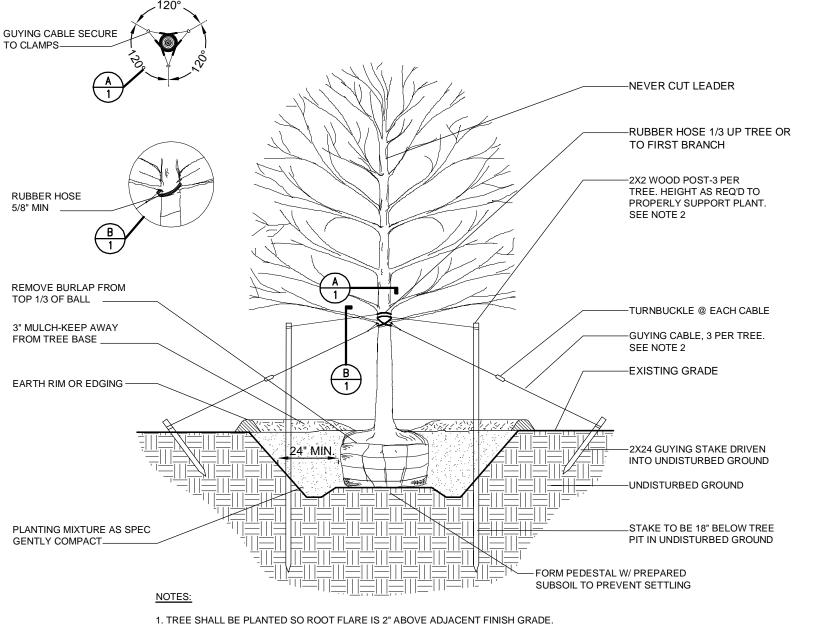


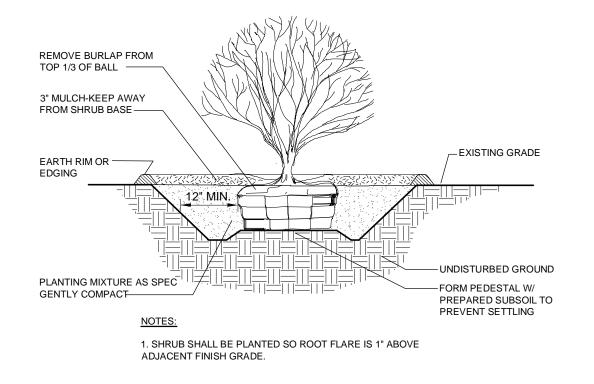
















DENOTES NEW ORNAMENTAL TREE



DENOTES NEW LOW SHRUB



DENOTES MULCH/ANNUALS

PLANTING GENERAL NOTES

GENERAL:

1. (SITE CONDITIONS) - THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES

ON THE CONTRACTOR SHALL FIELD CONDITIONS TO THE OWNER'S REPRESENTATIVE REFORE PROCEEDING WITH BETWEEN CONSTRUCTION DOCUMENTS AND ACTUAL FIELD CONDITIONS TO THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH

2. (DETAILS) - ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSIDERED TO APPLY TO SIMILAR CONDITIONS ELSEWHERE.

3. (WARRANTY/REPLACEMENTS) - PROVIDE A ONE YEAR WRITTEN WARRANTY ON ALL PLANT MATERIAL. WARRANTY INCLUDES REPLACING ANY PLANT WHICH IS 25% OR MORE DEAD, DISEASED, OR DISFIGURED ONCE DURING THE WARRANTY PERIOD. PLANTS THAT ARE IDENTIFIED AS BEING REPLACED SHALL BE REMOVED IMMEDIATELY FROM THE SITE BY THE CONTRACTOR. REPLACEMENT PLANTS SHALL BE INSTALLED AS SOON AS THEY ARE AVAILABLE, PROVIDED THE WEATHER AND SEASON ARE CORRECT FOR INSTALLATION. UPON NOTICE TO REPLACE PLANT MATERIAL THE CONTRACTOR SHALL PROVIDE THE OWNER A SCHEDULE FOR THE REPLACEMENTS TO TAKE PLACE. SHOULD THE CONTRACTOR FAIL TO REMOVE AND REPLACE THE PLANT MATERIAL PER THAT SCHEDULE THE OWNER RESERVES THE RIGHT TO USE FUNDS BEING HELD TO OBTAIN THE SERVICES OF ANOTHER CONTRACTOR AND HAVE THE WORK COMPLETED.

4. (DISCREPANCIES) - IF THERE ARE DISCREPANCIES BETWEEN PLANT QUANTITIES ON THE PLANS AND THE PLANT SCHEDULE USE THE QUANTITIES FROM THE PLAN. ALL QUANTITIES ARE FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE TO BUILD WHAT IS SHOWN ON THE PLANS IF THERE ARE ANY DISCREPANCIES IN THE LABELING.

5. (LAYOUT) - SCALE FROM THE DRAWING AND STAKE THE LOCATIONS OF ALL SPADE EDGING, SHADE TREES, AND FLOWERING TREES AND RECEIVE OWNER APPROVAL PRIOR TO INSTALLATION.

1. (SITE CONDITIONS) - THE CONTRACTOR SHALL FAMILIARIZE HIM OR HERSELF WITH THE SCOPE OF WORK, SOIL, LOCATION OF UTILITIES, AND WATER CONDITIONS BEFORE PROCEEDING WITH THE WORK.

2. (GRADING) - FINISH GRADES IN PLANTING BEDS ARE TO BE SMOOTH AND PROVIDE POSITIVE DRAINAGE PRIOR TO PLANT, SHREDDED

3. (SITE PREPARATION) - REMOVE ALL EXISTING LAWN, PLANT MATERIAL, AND OTHER MATERIALS ON SITE PRIOR TO FORMING PLANTING BEDS AND ESTABLISHING NEW LAWN.

4. (CONSTRUCTION DAMAGE) - CONTRACTOR IS TO PREVENT DAMAGE TO CURBS AND PAVEMENTS ADJACENT TO CONSTRUCTION.

1, (SUBSTITUTIONS) - PLANT SUBSTITUTIONS WILL NOT BE ACCEPTABLE UNLESS APPROVED BY THE LANDSCAPE ARCHITECT.

2. (LAYOUT/SPACING) - PLANT SPACING WILL BE SCALED ON PLAN UNLESS NOTED OTHERWISE.

3. (BED FINISHING) - SPREAD PRE-EMERGENCE HERBICIDE AND THREE INCHES OF SHREDDED HARDWOOD MULCH IN ALL PLANTING BEDS.

4. (PLANT QUALITY) - ALL PLANTS SHALL BE NORMAL HEALTH, HEIGHT, LEAF DENSITY, AND SPREAD AS DEFINED BY THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1 LATEST AVAILABLE EDITION, OR THE AMERICAN ASSOCIATION OF NURSERYMEN.

5. (EDGING) - ALL PLANT BEDS ABUTTING LAWN AREAS ARE TO BE SEPARATED BY SPADE CUT EDGING. 6. (PLANT SIZES) - THE SIZES INDICATED IN THE PLANT SCHEDULE ARE THE MINIMUM REQUIRED AT THE TIME OF PLANTING.

TURF 1. ALL TURF AREAS SHALL BE TREATED WITH A DROUGHT TOLERANT BLUEGRASS BLEND SOD.

2. SPREAD TOPSOIL TO A DEPTH OF 4", FINE FINISH GRADE, FERTILIZE (10-10-10 AT 5 LBS/1,000 SF), AND SOD.

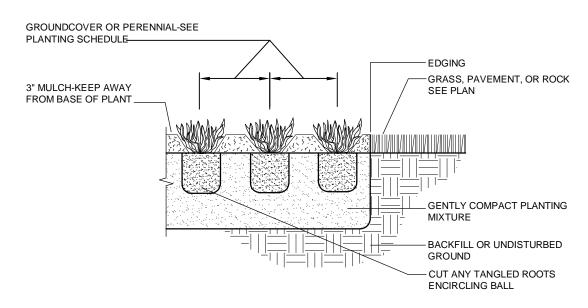
3. SODDED LAWN PLANTING TIMES: APRIL 1 TO JUNE 1 OR AUGUST 15 TO NOVEMBER 1.

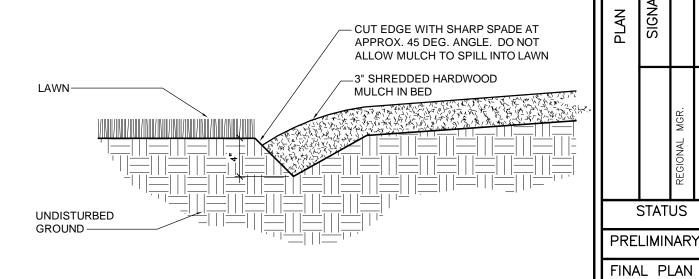
4. MAINTAIN SODDED LAWN BY WEEDING, WATERING (SEE TURF NOTE 5), AND ROLLING AS REQUIRED TO GROW A HEALTH LAWN FOR 30 DAYS AFTER SUBSTANTIAL COMPLETION. AT END OF MAINTENANCE PERIOD LAWN WILL BE REVIEWED BY OWNER'S REPRESENTATIVE. CONTRACTOR IS TO CORRECT LAWN AS TO SATISFACTION OWNER'S REPRESENTATIVE.

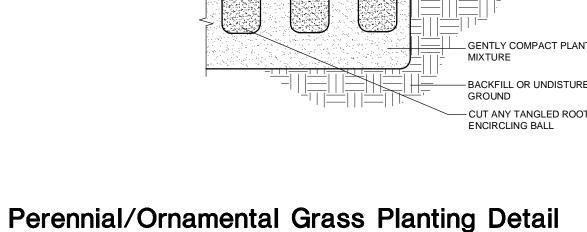
5. SCHEDULE WATERING TO PREVENT WILTING, PUDDLING, EROSION, AND DISPLACEMENT OF SOD. LAY OUT TEMPORARY WATERING SYSTEM TO AVOID WALKING OVER MUDDY OR NEWLY PLANTED AREAS. SATURATE LAWNS WITH FINE WATER SPRAY WITHIN 4 HOURS OF PLANTING. WATER WITH FINE SPRAY AT A MINIMUM RATE OF 1 INCH PER WEEK UNLESS RAINFALL PRECIPITATION IS ADEQUATE SO TURF IS UNIFORMLY MOIST TO A DEPTH OF FOUR INCHES. IF IRRIGATION SYSTEM IS FULLY OPERATIONAL AT TIME OF PLANTING, IRRIGATION SYSTEM MAY USED TO FULFILL MAINTENANCE WATERING REQUIREMENTS.

6. SATISFACTORY SODDED TURF: AT END OF MAINTENANCE PERIOD, A HEALTHY, WELL-ROOTED, EVEN-COLORED, VIABLE TURF HAS BEEN ESTABLISHED, FREE OF WEEDS, OPEN JOINTS, BARE AREAS, AND SURFACE IRREGULARITIES.

1. (PLANT MATERIAL) - MAINTAIN ALL PLANT MATERIAL PER SPECIFICATIONS. THIS INCLUDES THE 60 DAY MAINTENANCE PERIOD AFTER THE DATE OF SUBSTANTIAL COMPLETION. UPON RECEIVING SUBSTANTIAL COMPLETION OF THE WORK THE CONTRACTOR SHALL PREPARE A WRITTEN MAINTENANCE SCHEDULE FOR THE NEXT 60 DAYS AND REVIEW IT WITH THE OWNER. SHOULD THE CONTRACTOR FAIL TO PROVIDE THIS SCHEDULE OR PERFORM THE MAINTENANCE OF THE PLANT MATERIAL THE OWNER RESERVES THE RIGHT TO USE FUNDS BEING HELD TO OBTAIN THE SERVICES OF ANOTHER CONTRACTOR AND HAVE THE WORK COMPLETED. SAID 60 DAY MAINTENANCE PERIOD DOES NOT OPERATE DURING TIMES OF YEAR WHEN PLANT LIFE IS DORMANT THEREFORE NOT ESTABLISHING. IF MAINTENANCE PERIOD IS INTERRUPTED BY WINTER CONDITIONS, THE REMAINDER OF THE 60 DAYS SHALL RESUME THE FOLLOWING SPRING WHEN PLANTS AND LAWNS HAVE COME OUT OF DORMANCY.

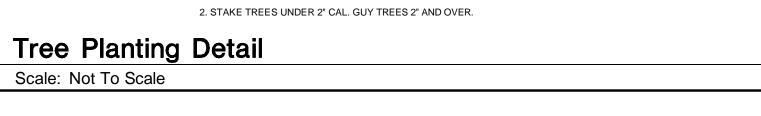






Scale: Not To Scale

Spaded Edge Detail Scale: Not To Scale

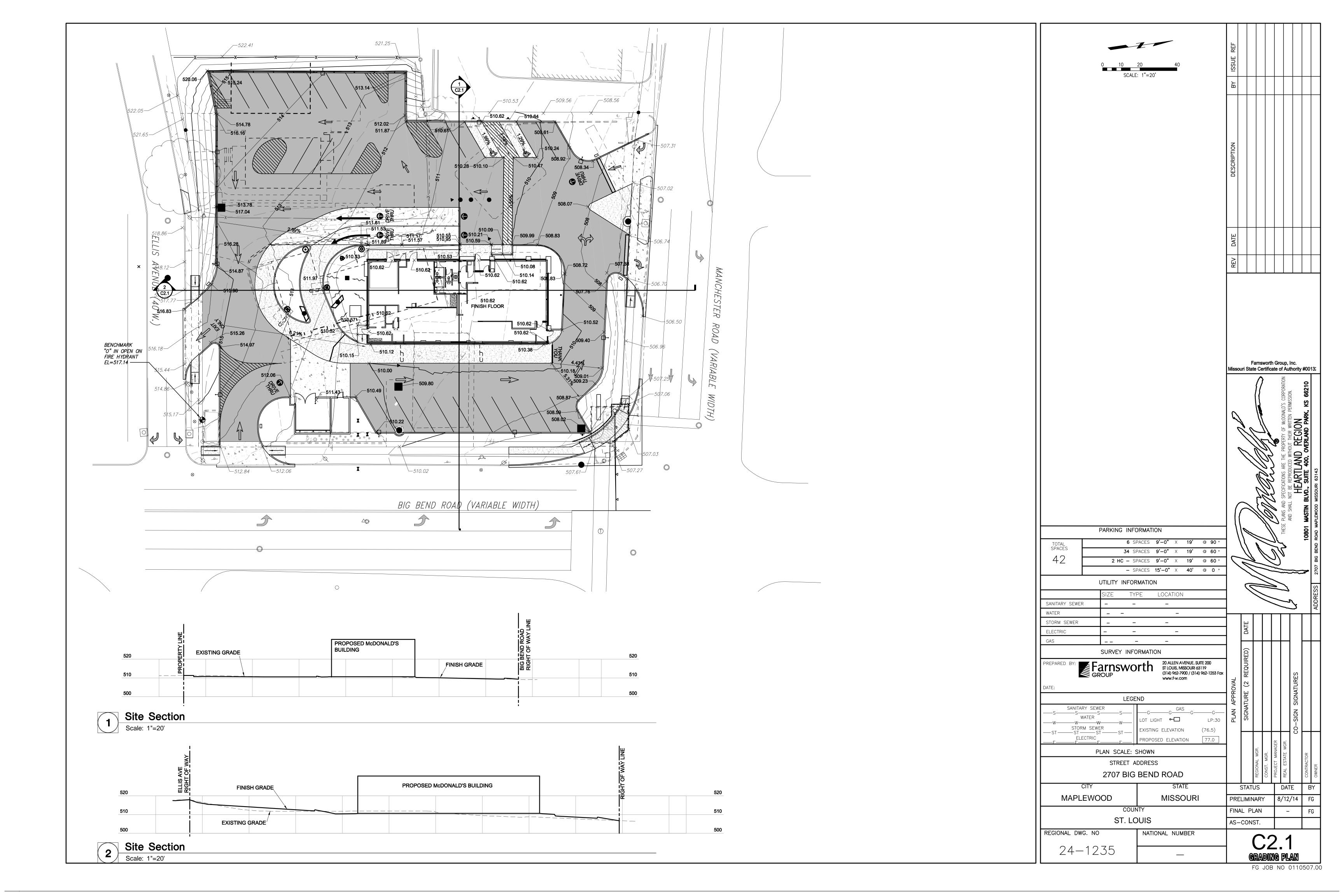


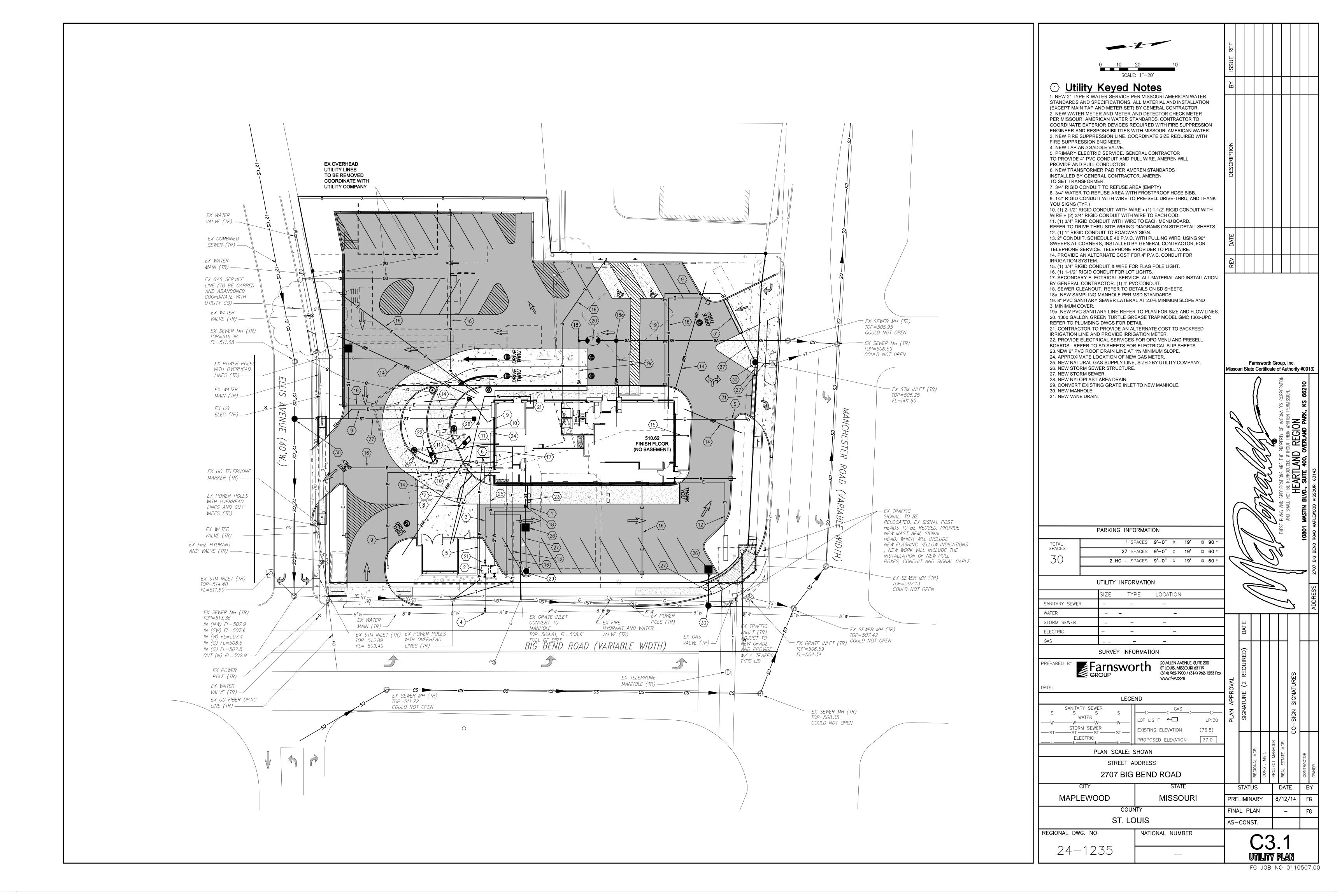


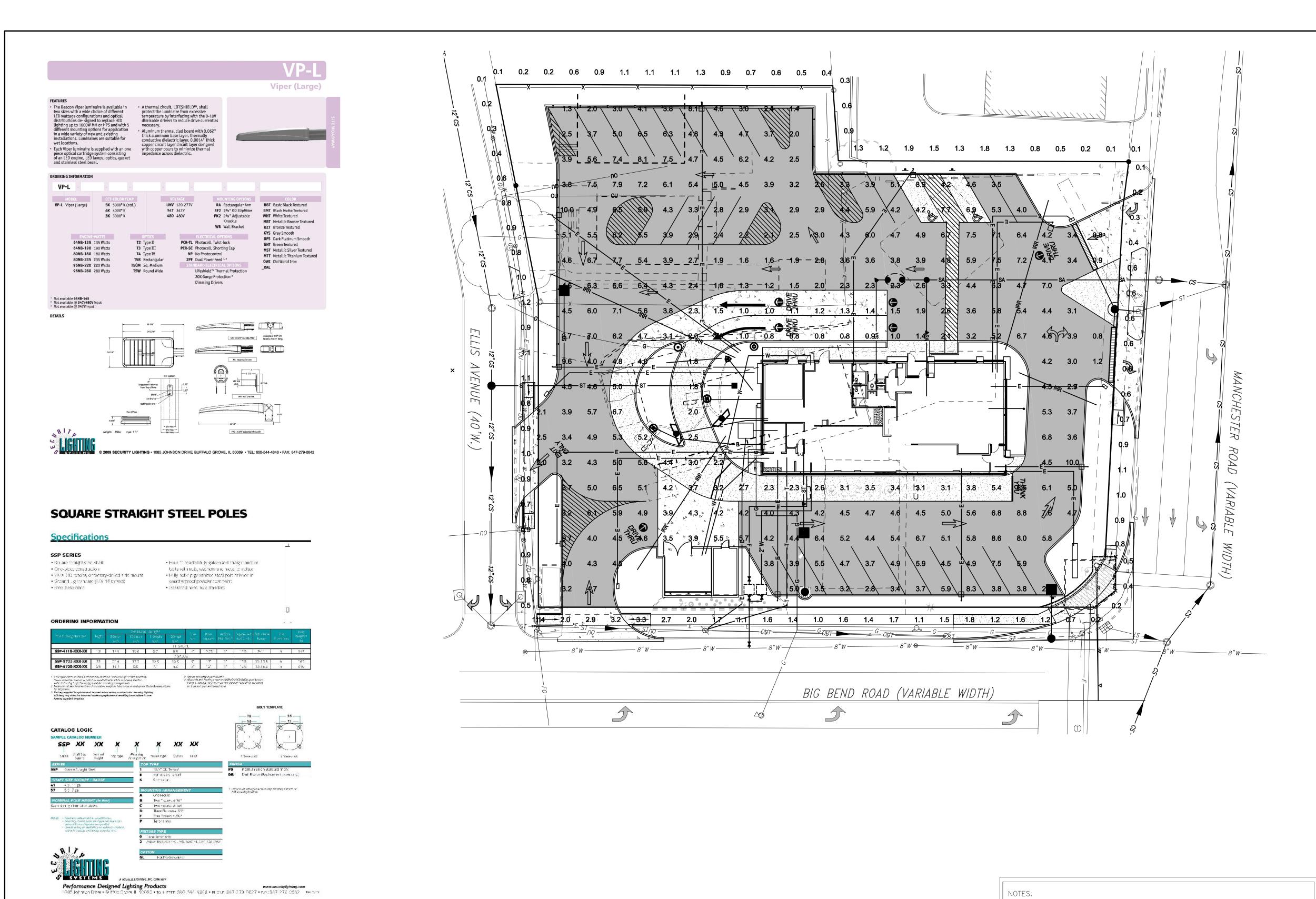
AS-CONST.

Farnsworth Group, Inc.

Missouri State Certificate of Authority #0013







THIS LAYOUT MAY NOT MEET TITLE 24 OR LOCAL ENERGY REQUIREMENTS. IF THIS LAYOUT NEEDS TO BE TITLE 24 COMPLIANT OR MEET OTHER ENERGY REQUIREMENTS, PLEASE CONSULT FACTORY WITH SPECIFIC DETAILS REGARDING PROJECT REQUIREMENTS SO THAT REVISIONS MAY BE MADE TO THE DRAWING.

THIS LIGHTING PATTERN REPRESENTS ILLUMINATION LEVELS CALULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.

FIXTURE TYPE:	SYMBOL	FIXTURE QUANTITY	CONFIG	QUANTITY	TENON TOP FITTERS	QUANTITY	EPA	MOUNTING HEIGHT	LLF	POLE TYPE:	QUANTITY	WIND LOAD	ALLOWED EPA
VP-L-96NB-280-5k-T4-UNV-RA-**	⊶	9	SGL	9	TTFVIPER	9	1.00	21'	0.87	SSP-4118-GL-**-TT (4")	9	90mph	13.8

PROJECT WIND LOAD CRITERIA BASED ON: ASCE 7-10 WIND SPEEDS (3-SEC PEAK GUST MPH) 50 YEAR MEAN RECURRENCE INTERVAL

1. THE FOOTCANDLE LEVELS AS SHOWN ARE BASED ON THE FOLLOWING CRITERIA. ANY SUBSTITUTIONS IN SPECIFIED FIXTURES OR CHANGES TO LAYOUT WILL AFFECT LIGHTING LEVELS SHOWN AND WILL NOT BE THE RESPONSIBILITY OF SECURITY LIGHTING.

2. THE CONTRIBUTION OF THE SOFFIT / BUILDING LIGHTING IS NOT REFLECTED ON THE DRAWING UNLESS SOFFIT / BUILDING LIGHTING IS SPECIFIED IN THE FIXTURE SCHEDULE BELOW.

4. FINAL ADJUSTMENTS TO AIMING ANGLE/DIRECTION OF FIXTURES MAY BE REQUIRED TO ELIMINATE LIGHT TRESPASS OR GLARE ONTO ADJOINING PROPERTIES OR ROADWAYS.

UNLESS OTHER	RWISE SPECIFIED	, ALL DIMENSIONS ARE IN I	NCHES	
NOTES:				
SCALE 1" = 20' 0"	DATE	NEXT ASSEMBLY	REF. DRWGS.	
DRAWN BY MJW	12/03/14			Performance Designed Lighting Products 1085 Johnson Dr., Buffalo Grove, Illinois 60089
CHECKED BY				1-800-544-4848
APPROVED BY				POINT-BY-POINT FOOTCANDLE PLOT FOR
APPROVED BY		FINISH		- McDONALD'S - 2707 BIG BEND BOULEVARD
APPROVED BY				MAPLEWOOD, MO
SHOP ORDER	1	MATERIAL		DRAWING NUMBER
PROJECT NO.				1PCP29764

PARKING INFORMATION	TOTAL SPACES 30 2 UTILIT SIZE SANITARY SEWER - WATER - STORM SEWER - ELECTRIC - GAS SURV PREPARED BY: Farn GROUP DATE: SANITARY SEWER - STORM	27 SPACE 2 HC - SPACE TY INFORMA TYPE VEY INFORM ISWORT LEGEND VEY INFORM ISWORT COUNTY	ES 9'-0" X ES 9'-0" X ATION LOCATION	19' @ 60 19' @ 60 ENUE, SUITE 200 SOURI 63119 30 / (314) 962-1253 Th G-G-G-LP:3 (76.5) N 77.0	Fax APPROVAL BLAN APPROVAL	SIGNATURE (2 REQUIRED)	US NARY	PROJECT	PA REAL ESTATE MGR.	ы co-sign	10801 V SOURCE STATE STA
PARKING INFORMATION 1004	TOTAL SPACES 30 2 UTILIT SIZE SANITARY SEWER - WATER - STORM SEWER - ELECTRIC - GAS SURV PREPARED BY: Farn GROUP DATE: SANITARY SEWER - STORM SEWER - SURV PREPARED BY: Farn GROUP DATE: SANITARY SEWER - STORM SEWE	27 SPACE 2 HC - SPACE TY INFORMA TYPE VEY INFORM ISWORT LEGEND	ES 9'-0" X ES 9'-0" X ATION LOCATION	19' @ 60 19' @ 60 ENUE, SUITE 200 SOURI 63119 30 / (314) 962-1253 m G-G-G-LP:3 (76.5)	APPROVAL	SIGNATURE (2 REQUIRED)			REAL ESTATE MGR.	CO-SIGN	CONTRACTOR 4DDESC 2007 2007 2007 2007 2007 2007 2007 200
PAVED SURFACE READINGS Average	TOTAL SPACES 30 2 UTILIT SIZE SANITARY SEWER - WATER - STORM SEWER - ELECTRIC - GAS SURV	27 SPACE 2 HC — SPACE TY INFORMA TYPE — — — — VEY INFORM	ES 9'-0" X ES 9'-0" X TION LOCATION MATION 20 ALLEN AV ST LOUIS, MIS (314) 962-790	19' @ 60 19' @ 60 ENUE, SUITE 200 SOURI 63119 00 / (314) 962-1253	Fax	REQUIRED)				≫	1080
PAVED SURFACE READINGS Average 4.3 Maximum 10.0 Minimum 0.8 AvgMin 5.24 Maximum 12.20 PROPERTY LINE READINGS Average 3.3 Minimum 0.34 Maximum 3.3 Minimum 0.44 Maximum 3.3 Minimum 0.44 Maximum 3.3 Minimum 0.44 Maximum 3.3 Minimum 0.44 Maximum 0.44 Maximum 0.44 Maximum 0.44 Maximum 0.45 Maximum 0.44 Maximum 0.45 Maximum 0.44 Maximum 0.45 Ma	TOTAL SPACES 30 2 UTILIT SIZE SANITARY SEWER - WATER -	27 SPACI 2 HC — SPACI	ES 9'-0" X ES 9'-0" X	19' @ 60						≈ 	1080
PAVED SURFACE READINGS Average 4.3 Maximum 10.0 Max.Min 5.34 Max.min 12.50 PROPERTY LINE READINGS Average 1.0 Maximum 3.3 Minimum 0.3 Average 1.0 Maximum 3.3 Minimum 0.3 Average 1.0 Maximum 3.3 Minimum 0.3 Average 1.0 Missouri State Certificate of Authority #0013 Average 1.0 Missouri State Certificate of Authority #0013 PARKING INFORMATION PARKING INFORMATION PARKING INFORMATION 1 SPACES 27 SEASCS 9-0" X 19" 0.60 2 10- SPACES 9-0" X 19" 0.60 2 10- SPACES 9-0" X 19" 0.60 2 10- SPACES 9-0" X 19" 0.60 A 9 0.1 Average 1.0 Missouri State Certificate of Authority #0013 Average 1.0	TOTAL SPACES	27 SPAC	ES 9'-0" X	19' @ 60						~	1080
PAVED SURFACE READINGS Average 4.3 Maximum 10.0 Minimum 0.8 AvgaMin 5.34 Max.Min 12.50 PROPERTY LINE READINGS Average 1.0 Maximum 3.3 Max.Min 9.64 Max.Min 33.00 Fameworth Group, Inc. Missouri State Certificate of Authority #0013 Fameworth Group, Inc. Missouri State Certificate of Authority #0013 Fameworth Group, Inc.	PARKI	=			\	1 13		//	崖		NOT MAS
PAVED SURFACE READINGS Average 4.3 Maximum 10.0 Minimum 0.8 Avg:Min 5.34 Max:Min 12.50 PROPERTY LINE READINGS Average 1.0 Maximum 3.3 Minimum 0.1 Avg:Min 9.64 Max:Min 33.00		ING INFORM	MATION		Misso	ouri Sta	Farnsworte Certification (Control of Control	ificate	PLANS AND SPECIFICATIONS ARE THE PROPERTY OF MCDONALD'S CORPORATION IN AND SHALL MOT BE BEDROPLICED WITHOUT THEIR WRITTEN DEPARTMENT OF BEDROOM	thority	BLVD., SUITE 400, OVERLAND PARK, KS 66210
PAVED SURFACE READINGS Average 4.3 Maximum 10.0 Minimum 0.8 Avg:Min 5.34 Max:Min 12.50 PROPERTY LINE READINGS Average 1.0 Maximum 3.3 Minimum 0.1 Avg:Min 9.64											
PAVED SURFACE READINGS Average 4.3 Maximum 10.0 Minimum 0.8	Ave Max Mini Avg	erage ximum imum g:Min	1.0 3.3 0.1 9.64								
SCALE: 1"=20'	Avg Max	erage ximum imum g:Min x:Min	4.3 10.0 0.8 5.34 12.50		ESCRIPTION						
	Ave	/ED SUDEA					+				-+