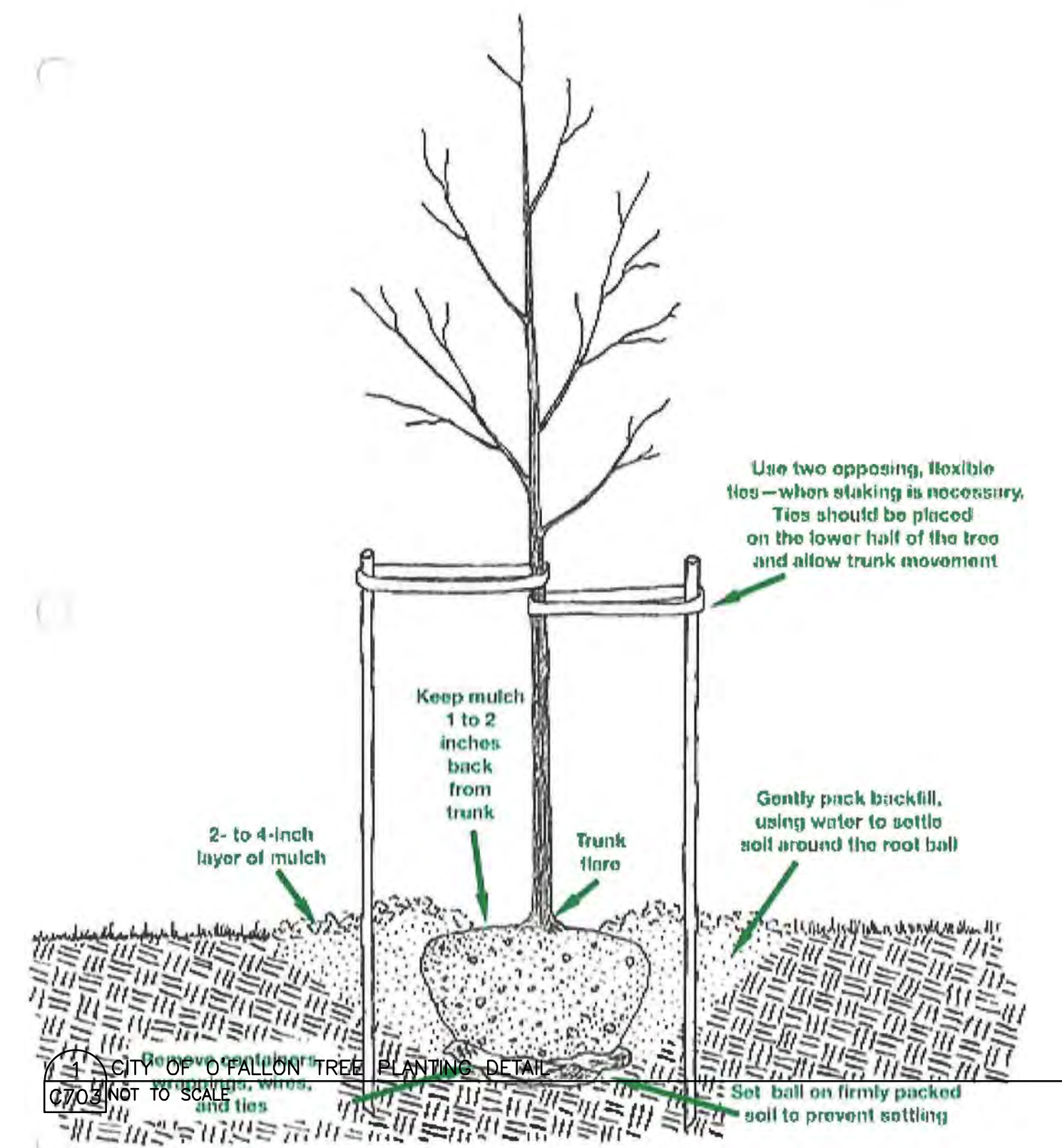


GENERAL PLANTING NOTES:

- CONTRACTOR RESPONSIBLE FOR ALL PLANTS SHOWN ON PLAN. QUANTITIES ARE FOR CONVENIENCE ONLY.
- SPACE PLANTS AS SHOWN ON PLAN OR IN PLANT LIST. ADJUST AS NECESSARY TO MEET EXISTING CONDITIONS.
- STAKE AND GUY TREES AS PER LOCALLY ACCEPTED PRACTICE AND ANSI STANDARDS. CONTRACTOR RESPONSIBLE FOR DAMAGE TO PLANTS BECAUSE OF IMPROPER GUYING.
- ALL STRAPPING AND TOP 2/3 OF WIRE BASKET MUST BE CUT AWAY AND REMOVED FROM ROOT BALL PRIOR TO BACKFILLING PLANTING PIT. REMOVE TOP 1/3 OF THE BURLAP FROM ROOT BALL.
- FOR NEW PLANTING AREAS, REMOVE ALL PAVEMENT, GRAVEL SUB-BASE AND CONSTRUCTION DEBRIS, REMOVE COMPACTED SOIL AND ADD 24" NEW TOPSOIL OR TILL AND AMEND THE TOP 24" OF EXISTING SOIL TO MEET TOPSOIL PLANTING MIX STANDARDS FOR TREES.
- ALL PLANTS AND PLANTING AREAS ARE TO HAVE A WEED BARRIER FABRIC AND TO BE MULCHED WITH CLEAN SHREDDED BARK TO A MINIMUM DEPTH OF 3". MULCH TREES TO 3'-0" BEYOND TRUNK MINIMUM AND TO BED LINES AS SHOWN. KEEP MULCH OFF THE TRUNKS OF TREES.
- LARGE MATURING TREES MAY NOT BE PLANTED WHERE THERE ARE OVERHEAD DISTRIBUTION OR TRANSMISSION LINES. IF TREES CONFLICT WITH POWER LINES OR SIGNS, CALL OWNER'S REPRESENTATIVE TO RESOLVE BEFORE PLANTING.
- ADJUST TREE PLANTING LOCATIONS TO AVOID UNDERGROUND UTILITIES. PLANT 15' FROM ALL UNDERGROUND UTILITIES (GAS, WATER, PHONE, AND ELECTRICAL LINES).
- ATTENTION LANDSCAPER: NOTIFY OWNER'S REPRESENTATIVE OF ANY SIGN, POWER LINE, OR OTHER CONFLICTS BEFORE PLANTING NEW TREES. LARGE MATURING TREES MUST BE A MINIMUM 25 TO 30 FROM THE OVERHEAD DISTRIBUTION OR TRANSMISSION LINES. IF TREES CONFLICT WITH POWER LINES OR SIGNS, CALL URBAN FORESTER TO RESOLVE BEFORE PLANTING.
- ALL PLANTING BED AREAS TO HAVE 3-4" OF WOOD MULCH. MULCH TO BE PROVIDED BY LOCAL AREA.

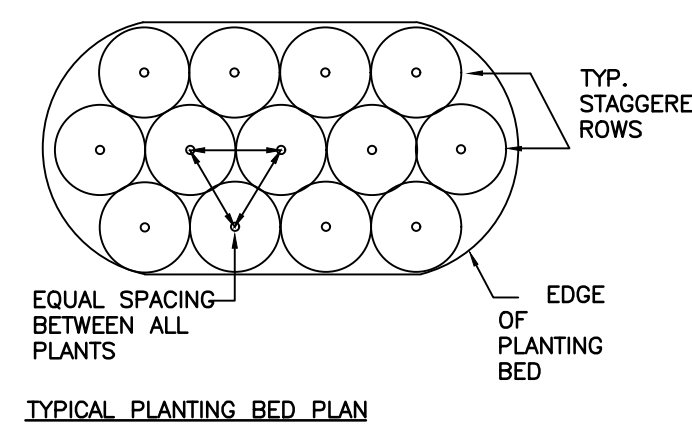
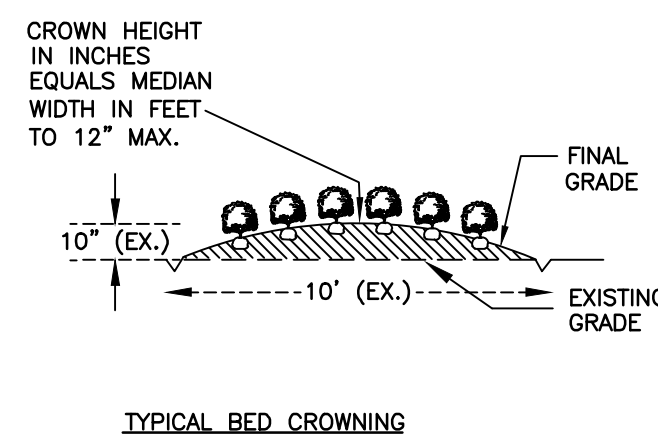
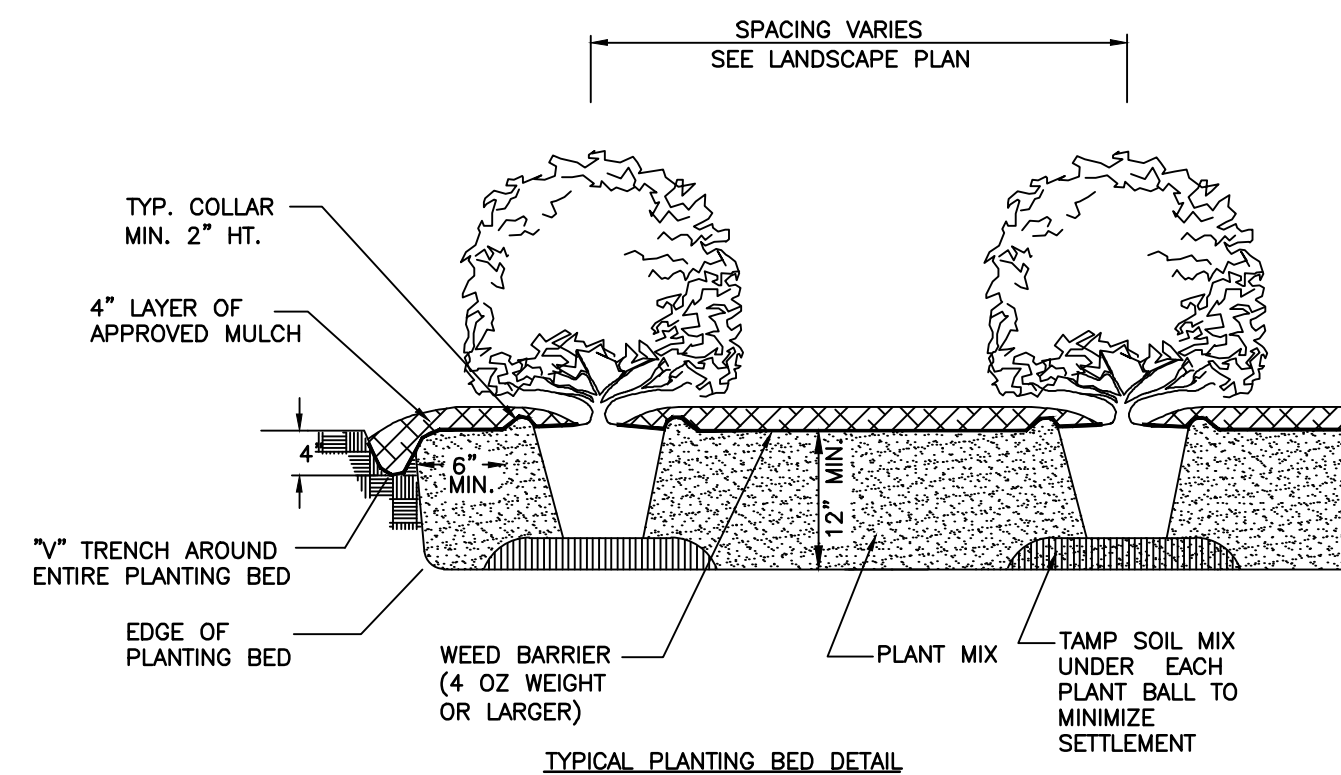
NOTES:

- OPTIMAL TIME FOR PLANTING TREES IS THE FALL OR EARLY SPRING, WHEN THE TREE IS DORMANT. PLANTING TREES AT OTHER TIMES IS DISCOURAGED DUE TO INCREASED STRESS ON THE TREE. IF YOU HAVE ANY QUESTIONS ON PLANTING TIMES CONTACT THE O'FALLON PARKS AND RECREATION DEPARTMENT.
- THE HOLE SHOULD BE DUG WITH THE WIDTH THREE (3) TIMES THE SPREAD OF THE ROOT BALL NO DEEPER THAN THE ROOT BALL. HOLES SHOULD HAVE SLANTED SIDES AND BE ROUGHED WITH A SHOVEL.
- TREES WILL BE PLANTED NO DEEPER THAN THE ORIGINAL ROOT FLARE. DO NOT CONFUSE A GRAFT UNION FOR THE ROOT FLARE. IN CLAY SOILS TREES CAN BE PLANTED SLIGHTLY HIGH. EXCAVATION AND SOIL REPLACEMENT MAY BE NECESSARY WHERE THERE IS OVERLAY COMPACTED SUBSOIL AND EXCESSIVE AMOUNTS OF GRAVEL.
- REMOVE TREE FROM POT OR CUT AWAY TWINE OR ROPE FROM STEM AND WIRE BASKET BELOW GROUND LEVEL. WHEN POSSIBLE, ROLL BACK BURLAP FROM TOP AND CUT OFF TOP ONE-THIRD (1/3) OF THE WIRE BASKET. ALWAYS REMOVE ALL PLASTIC TWINE AND ARTIFICIAL BURLAP.
- STRAIGHTEN TREE AND COMPLETELY BACKFILL HOLE WITH EXISTING SOIL. AVOID USING EXCESSIVE AMOUNTS OF ORGANIC MATTER. BE WATERED IN.
- APPLY WATER TO SETTLE THE SOIL AND ELIMINATE ANY VOIDS. AT THIS TIME A SOLUTION OF ROOT STIMULATOR (NOT FERTILIZER) CAN BE WATERED IN.
- CHOP UP ANY DIRT CLODS; ADD SOIL IF NEEDED.
- PLACE A TWO (2) TO FOUR (4) INCH LAYER OF MULCH AROUND THE TREE IN A MINIMUM THREE (3) FOOT RADIUS. MAKE SURE THAT THE MULCH IS NOT MOUNDED AGAINST THE BASE OF THE TREE TRUNK.



NOTES:

- SCAFFRY ROOT MASS OF CONTAINERIZED PLANT MATERIAL.
- INSTALL WEED BARRIER FABRIC TO ALL PLANT BEDS. WEED BARRIER SHALL BE MINIMUM 4 OZ WEIGHT OR LARGER.
- INSTALL CONTAINERIZED PLANTS AT FINISHED GRADE.
- TAMP PLANTING MIX FIRMLY AS PIT IS FILLED AROUND EACH PLANT BALL.
- OMIT COLLAR AROUND EACH SHRUB WHEN IRRIGATION SYSTEM IS PRESENT.
- SOAK EACH PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION.



2 SHRUB PLANTING BED
C703 NOT TO SCALE

NPDES PERMIT — THE FOLLOWING STABILIZATION SCHEDULE SHALL APPLY:
THIS PROJECT SHALL ABIDE BY CHANGES IN THE NPDES PERMIT (NCG01), WHICH WENT INTO EFFECT AUGUST 3, 2011 AND INCLUDE (BUT NOT LIMITED TO) THE FOLLOWING:

SITE AREA DESCRIPTION	STABILIZATION TIMEFRAME	STABILIZATION TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED
SLOPES 3:1 OR FLATTER	14 DAYS	7-DAYS FOR SLOPES GREATER THAN 50' IN LENGTH
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE (EXCEPT FOR PERIMETERS AND HOW ZONES)

TEMPORARY SEEDING SPECIFICATION

SEEDING MIXTURE:
SPECIES RATE (lb/acre)
RYE (grain) 120

SEEDING DATES:
AUG 15 TO DEC 30

SOIL AMENDMENTS:
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2000 lb/ac GROUND AGRICULTURAL LIMESTONE AND 750 lb/ac 10-10-10 FERTILIZER.

MULCH:
APPLY 4000lb/ac STRAW. ANCHOR STRAW BY TACKLING w/ ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK w/ BLADES SER NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE:
RE-FERTILIZE IF GROWTH IS NOT FULLY ADEQUATE, RE-SEED, RE-FERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

CUT/FILL SLOPES SEEDING SPECIFICATIONS — STEEPER THAN 3:1

SEEDING MIXTURE:
SPECIES RATE (lb/acre)
TALL FESCUE 100
SERICEA LESPENDEZA 30
KOBLE LESPENDEZA 10

NURSE PLANTS:
BETWEEN MAY 1 AND AUG 15, ADD 10lb/ac GERMAN MILLET OR 15 lb/ac SUDAGRASS. PRIOR TO MAY 1 OR AFTER AUG 15, ADD 40 lb/ac RYE (GRAIN). IT MAY BE BENEFICIAL TO PLANT THE GRASSES IN LATE SUMMER AND OVERSEED THE LESPENDEZAS IN MARCH.

SEEDING DATES:
BEST POSSIBLE
AUG 25 — SEPT 15 AUG 20 — OCT 25
FEB 15 — MAR 20 FEB 1 — APRIL

SOIL AMENDMENTS:
APPLY LIME AND FERTILIZER ACCORDING TO SOIL TEST, OR APPLY 4000 lb/ac GROUND AGRICULTURAL LIMESTONE AND 1200 lb/ac 10-10-10 FERTILIZER.

MULCH:
APPLY 4000 lb/ac GRAIN STRAW OR EQUIVALENT COVER OF ANOTHER SUITABLE MULCHING MATERIAL. ANCHOR MULCH BY TACKLING w/ ASPHALT, ROVING OR NETTING. NETTING IS THE PREFERRED ANCHORING METHOD ON STEEP SLOPES.

MAINTENANCE:
MOW NO MORE THAN ONCE A YEAR, RE-FERTILIZE IN THE SECOND YEAR UNLESS GROWTH IS FULLY ADEQUATE. RE-SEED, RE-FERTILIZE, RE-MULCH DAMAGED AREAS IMMEDIATELY.

DITCH/OPEN AREA PERMANENT SEEDING SPECIFICATION

SEEDING MIXTURE:
SPECIES RATE (lb/ac)
TALL FESCUE 250 (6 lb/1000 sq ft)
KENTUCKY BLUEGRASS 50 (1 lb/1000 sq ft)

NURSE PLANTS:
BETWEEN MAY 1 AND AU 15, ADD 10 lb/ac GERMAN MILLET OR 15 lb/ac SUDAGRASS. PRIOR TO MAY 1 OR AFTER AUG 15, ADD 40 lb/ac RYE (GRAIN).

SOIL AMENDMENTS:
APPLY LIME AND FERTILIZER ACCORDING TO SOIL TEST, OR APPLY 4000 lb/ac GROUND AGRICULTURAL LIMESTONE AND 1200 lb/ac 10-10-10 FERTILIZER.

MULCH:
USE CHANNEL LINING MATERIAL TO COVER THE BOTTOM OF DITCHES. THE LINING SHOULD EXTEND ABOVE THE HIGHEST CALCULATED DEPTH OF FLOW. ON CHANNEL SIDE SLOPES ABOVE THE HEIGHT, AND IN DRAINAGES NOT REQUIRING TEMPORARY LININGS, APPLY 4000 lb/ac GRAIN STRAW AND ANCHOR STRAW BY STAPLING NETTING OVER THE TOP.

MULCH AND ANCHORING MATERIALS MUST NOT BE ALLOWED TO WASH DOWN SLOPE WHERE THEY CAN CLOG DRAINAGE DEVICES.

MAINTENANCE:
INSPECT AND REPAIR MULCH FREQUENTLY. RE-FERTILIZE IN LATE WINTER ACCORDING TO SOIL TESTS OR APPLY 150 lb/ac 10-10-10 FERTILIZER (3 lb/1000 sq ft). MOW REGULARLY TO A HEIGHT OF 2" TO 4".

NOTES:

- REFER TO SHEET C001 FOR GENERAL NOTES AND ABBREVIATIONS.
- CONTRACTOR SHALL REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION SET FOR OTHER PERTINENT INFORMATION. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.

McDONALD'S CONSTRUCTION PLAN
A TRACT OF LAND BEING LOT 4 OF BRYAN ROAD COMMERCIAL, PLAT 1ST RECORDED AS DOCUMENT 2023R-038185 IN THE ST CHARLES COUNTY RECORDS, BEING IN THE SOUTHWEST QUARTER OF FRACTIONAL SECTION 30, TOWNSHIP 47 NORTH, RANGE 3 EAST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF O'FALLON, ST. CHARLES COUNTY, MISSOURI

Civil & Environmental Consultants, Inc.
3000 Little Hills Expressway, Suite 102
St. Charles, MO 63301
314-866-4566 • 866-250-3679
www.cecfinc.com



PATRICK T. BENNETT
(MO PE# 2002003134)
PROFESSIONAL CIVIL ENGINEER
*HAND SIGNATURE ON FILE

ML	GAS	FTB	338-366
DRAWN BY:	CHECKED BY:	APPROVED BY:	PROJECT NO:

Developer / Owner Information
McDONALD'S RESTAURANT
NSN 43008 (024-1305)
962 BRYAN ROAD
O'FALLON, MISSOURI

LANDSCAPE DETAILS

P+Z No. 24-001803
Approval Date 04/08/2024
Permit No.

Page No.
C701