

CITY PLAN COMMISSION STAFF REPORT

City of Kansas City, Missouri
City Planning & Development Department
www.kcmo.gov/cpc

September 20, 2022

Project Name Foley Equipment

Docket #12

Request

CD-CPC-2022-00132 Rezoning to UR/MPD

Applicant

Perla Diosdada Kimley-Horn

Owner

Craig Highfall Foley Equipment

Location 5701 E. 87th St Area About 30.26 acres

Zoning UR Council District 5th

County Jackson

School District Hickman Mills 140

Surrounding Land Uses

North: B3-2, B4-2, and UR, commercial

and multi-family uses.

South: UR, undeveloped land and

rock quarry

East: Interstate 435 **West:** UR, rock quarry

Major Street Plan

E 87th Street is classified as a four-lane thoroughfare requiring between 100-120 ft of right-of-way. No additional right-of-way dedication for E 87th Street is required.

Land Use Plan

The Hickman Mills Area Plan recommends Commercial and Open Space/Buffer land use for the subject property.

APPROVAL PROCESS



PROJECT TIMELINE

The application for the subject request was filed on 07/29/2022. Scheduling deviations from 2022 Cycle Q have occurred.

- The case was continued from 09/06/2022 to 09/20/2022 per the applicants request.

NEIGHBORHOOD AND CIVIC ORGANIZATIONS NOTIFIED

There are no registered neighborhood or homes associations tied to the subject site.

REQUIRED PUBLIC ENGAGEMENT

Public engagement as required by 88-505-12 does apply to this request. "Applicant hosted a meeting on 08/24/2022. A summary of the meeting is attached to the staff report, see Attachment #3.

EXISTING CONDITIONS

The 30.26-acre site is currently home to the Foley Equipment facility located at the southwest corner of I435 and E. 87th Street.

SUMMARY OF REQUEST + KEY POINTS

A request to approve a major amendment to an approved UR (Urban Redevelopment) Development Plan to construct two buildings and a fuel island on about 30.26 acres generally located at E. 87th Street and Interstate 435.

CONTROLLING + RELATED CASES

CD-CPC-2020-00058 – approval of a major amendment to a previously approved UR Plan per Ordinance No. 130144 to include stream re-alignment, a larger building to the west in the future, and building additions to the existing building on Lot 1 was approved by the CPC on June 1st, 2021 (Ordinance No. 210501).

CD-AA-2021-00105- approval of a UR final plan to amend the proposed orientation of the proposed building on Lot 2 and the defined layout of the employee parking.

PROFESSIONAL STAFF RECOMMENDATION

Docket #12 Recommendation

Approval with Conditions

PLAN REVIEW

Foley Equipment Company, located on the southwest corner of E. 87th Street and Interstate 435 is proposing a new "Return to Rent" (RTR) building, a new trench storage building, a new fuel island and additional concrete pavement on the site. Due to the large size of the overall site the above-mentioned buildings, fuel island and expansion of impervious surface area triggers a "major amendment" according to the Zoning and Development Code. The proposed development complies with the general operations and daily activities of what currently occurs at the Foley site. The applicant is also illustrating a future 8,000 square foot building addition on the west side of building #1. The applicant has submitted the approved landscape plan which was previously approved by the City Plan Commission on June 16, 2021 (Case No. CD-CPC-2020-00058).

PLAN ANALYSIS

The proposed industrial buildings and uses and permitted and the architectural materials and style match the existing buildings located on this site. The applicant will provide color elevations when the apply for their UR final plan prior to receiving a building permit. The proposed plan is not making any changes to the previously approved landscape plan. The existing landscape plan is primarily focused along the southside of E. 87th Street.

Standards	Applicability	Meets	More Information
Parking and Loading	Yes	Yes	
Standards (88-420)			
Landscape and Screening Standards (88-425)	Yes	Yes	
Outdoor Lighting Standards (88-430)	Yes	Yes	
Sign Standards (88-445)	Yes	Yes, subject to conditions	All signage shall comply with 88-445.
Pedestrian Standards (88-450)	Yes	Yes	

SPECIFIC REVIEW CRITERIA

Development Plans, Project Plan, or Site Plan (88-516-05)

In order to be approved, a development plan, project plan, or site plan must comply with all of the following criteria:

A. The plan must comply with all standards of the Zoning and Development Code and all other applicable city ordinances and policies;

The plan complies with all standards of the Code and all other applicable city ordinances and policies.

B. The proposed use must be allowed in the district in which it is located;

The proposed uses of the additional buildings and accessory uses to be constructed comply with the permitted uses of the existing UR (Urban Redevelopment) controlling plan.

- C. Vehicular ingress and egress to and from the site, and circulation within the site must provide for safe, efficient, and convenient movement of traffic not only within the site but on adjacent roadways;

 The plan as proposed does allow for safe, efficient and convenient movement of traffic not only within the site but also along E. 87th Street.
- D. The plan must provide for safe, efficient, and convenient non-motorized travel opportunities, being pedestrian and bicycle movement, on the subject site;

The proposed plan provides safe and efficient pedestrian and bicycle movement along E. 87th Street.

E. The plan must provide for adequate utilities based on City standards for the particular development proposed.

The plan does provide for adequate utilities based on City standards.

F. The location, orientation, and architectural features, including design and material, of buildings and other structures on the site must be designed to be compatible with adjacent properties.

The proposed buildings are of the same material and style of the existing buildings currently located on site.

G. Landscaping, berms, fences, and/or walls must be provided to buffer the site from undesirable views, noises, lighting, or other off-site negative influences and to buffer adjacent properties from negative influences that may be created by the plan.

The applicant shall provide consistent screening with shrubs of at least 4' in height along E. 87th Street.

H. The design of streets, drives, and parking areas within the project should result in a minimum of area devoted to asphalt or other impervious surfaces consistent with the needs of the project and city code requirements.

The overall site and uses found within it was previously approved by Council and does comply with City requirements.

 The plan must identify trees to be removed and trees to be preserved during the development of the subject property with the goal of saving trees that are not required to be removed for the development of the property.

No trees will be removed.

ATTACHMENTS

- 1. Conditions Report
- 2. Applicants Submittal
- 3. Public Engagement Materials

PROFESSIONAL STAFF RECOMMENDATION

City staff recommends **APPROVAL WITH CONDITIONS** as stated in the conditions report.

Respectfully Submitted,

Andrew Clarke Staff Planner

KANSAS CITY Planning & Dev

Plan Conditions

Report Date: September 15, 2022 Case Number: CD-CPC-2022-00132

Project: Foley Equipment

Condition(s) by City Planning and Development Department. Contact Andrew Clarke at (816) 513-8821 / Andrew.Clarke@kcmo.org with questions.

- 1. All dumpster, mechanical and utility equipment shall be screened pursuant to 88-425-08.
- 2. That all signage shall conform to 88-445 and shall require a sign permit prior to installation.
- 3. That Ordinance No. 210455, including all conditions provided therein, shall remain in full force and effect.
- 4. That the developer shall submit an affidavit, prepared by an engineer licensed in the State of Missouri, verifying that all outdoor lighting has been installed in accordance with approved plans and that lighting levels do not exceed that shown on the approved lighting plan at the property lines prior to Certificate of Occupancy.
- 5. The developer must include the approved landscape plan with revised plans prior to receiving a building permit.
- 6. The developer shall secure approval of a UR final plan from Development Management Division staff prior to building permit.
- 7. The applicant shall provide color elevations including details of building materials prior to ordinance request.

Condition(s) by Fire Department. Contact Michael Schroeder at (816) 513-4604 / michael.schroeder@kcmo.org with questions.

- 8. The project shall meet the fire flow requirements as set forth in Appendix B of the International Fire Code 2018. (IFC-2018 § 507.1)
- 9. Fire hydrant distribution shall follow IFC-2018 Table C102.1 and shall be installed and operable prior to the arrival of any combustible building materials onto the site. (IFC-2018 § 501.4 and 3312.1; NFPA -2013 § 8.7.2)
- 10. Required fire department access roads shall be an all weather surface. (IFC-2012: § 503.2.3) and Fire Department access roads shall be provided prior to construction/demolition projects begin. (IFC-2018 § 501.4 and 3310.1; NFPA 241-2013 § 7.5.5). Required fire department access roads shall designed to support a fire apparatus with a gross axle weight of 85,000 pounds. (IFC-2018: § 503.2.3)
- 11. Security gates which span across a fire access road shall provide a means for emergency operation. Electric gates shall require a siren sensor device typically referred to as a "yelp gate" (IFC-2018 § 503.6).

Condition(s) by Water Services Department. Contact Jerald Windsor at (816) 513-0413 / Jerald.Windsor@kcmo.org with questions.

12. The developer must submit water main extension drawings for new public fire hydrants along E 87th Street to meet 300' max spacing, prepared by a registered professional Engineer in Missouri to the main extension desk for review, acceptance and contracts per the KC Water Rules and Regulations for Water main extensions and Relocations.

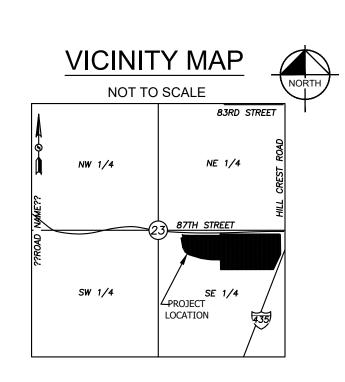
(https://www.kcwater.us/wp-content/uploads/2022/05/2022-Rules-and-Regulations-for-Water-Service-Lines-Final.pdf)

Condition(s) by Water Services Department. Contact Travis Kiefer at (816) 513-2139 / Travis.Kiefer@kcmo.org with questions.

- 13. The developer shall submit a final stream buffer plan to the Land Development Division for approval prior to issuance of any building permits and obtain permits for the Stream Buffer prior to removal of any mature riparian species within the buffer zones due to construction activities on the site, in accordance with the Section 88-415 requirements.
- 14. The developer must submit covenants, conditions and restrictions to the Land Development Division for review by the Law Department for approval and enter into covenant agreements for the maintenance of any private open space tracts with stream buffer zones or stormwater detention area tracts, prior to recording the plat.

FOLEY EQUIPMENT PHASE 2

SECTION 23, TOWNSHIP 48N, RANGE 33W CITY OF KANSAS CITY, JACKSON COUNTY, MISSOURI



LEGAL DESCRIPTION

FOLEY EQUIPMENT 1ST PLAT,
A REPLAT OF LOT 1, DEAN MACHINERY FIRST PLAT
AND A PORTION OF THE WEST ONE-HALF
OF THE SOUTHEAST QUARTER OF
SECTION 23, TOWNSHIP 48, RANGE 33 WEST
CITY OF KANSAS CITY, JACKSON COUNTY, MISSOURI

PROJECT TEAM

OWNER

FOLEY INDUSTRIES INC. 1550 S WEST STREET, WICHITA, KS 67213 EMAIL: CSHIGHFILL@FOLEYEQ.COM CONTACT: CRAIG S. HIGHFILL

CIVIL ENGINEER, LANDSCAPE ARCHITECT, AND LIGHTING

KIMLEY-HORN & ASSOCIATES, INC.
805 PENNSYLVANIA AVENUE, SUITE 150
KANSAS CITY, MO 64105
TEL: (816) 652-0350
PRIMARY CONTACT: MATTHEW KIST, P.E.
EMAIL: MATT.KIST@KIMLEY-HORN.COM
SECONDARY CONTACT: PERLA DIOSDADO, P.E.
EMAIL: PERLA.DIOSADO@KIMLEY-HORN.COM

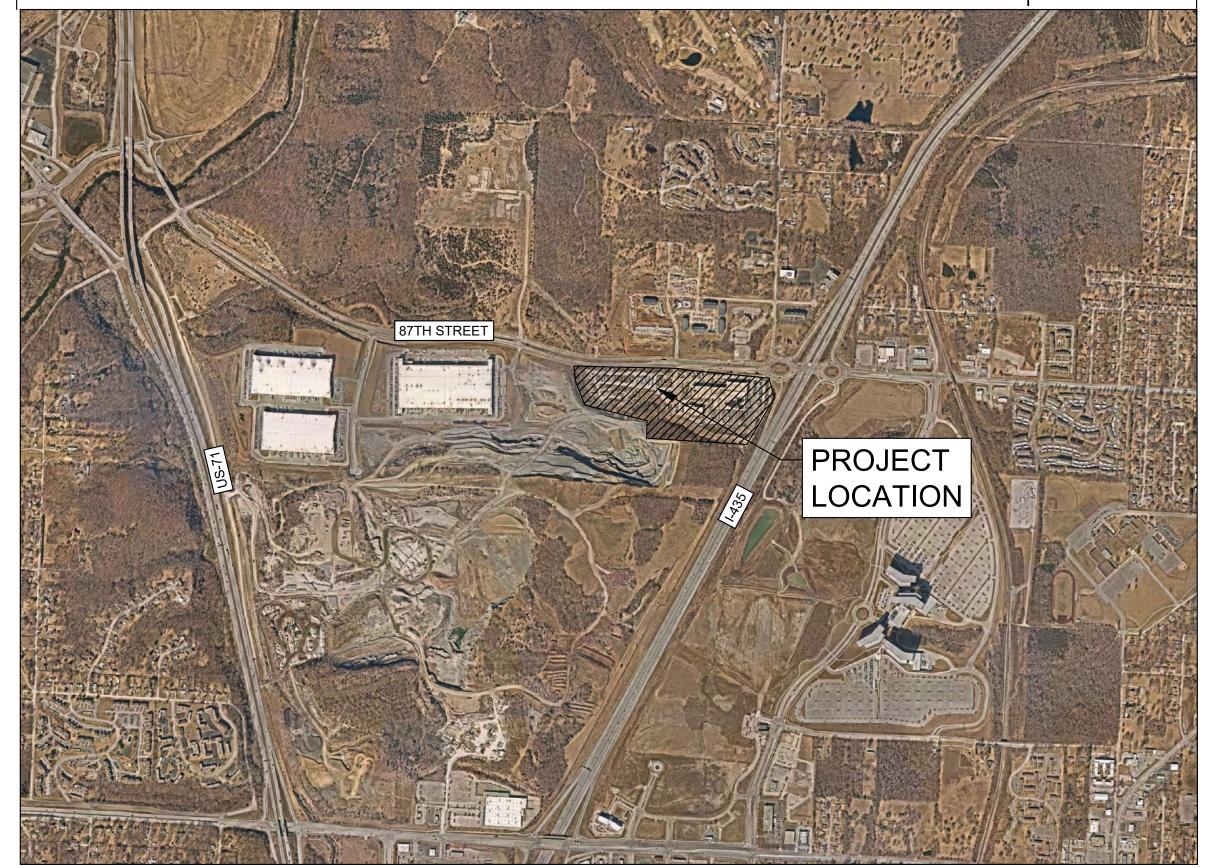
SURVEYOR

7101 COLLEGE BLVD., SUITE 400 OVERLAND PARK, KANSAS 66210 TEL: (913) 663-51900

ARCHITECT
ALLOY ARCHITECTURE
165 S. ROCK ISLAND. SUITE 200
WICHITA, KS 67202
PRIMARY CONTACT: JEFF MINAR, AIA
EMAIL: JMINAR@ALLOYARCHITECTURE.COM
PHONE: (316) 634-1111
SECONDARY CONTACT: DAVID RIFFEL
EMAIL: DRIFFEL@ALLOYARCHITECTURE.COM







Sheet List Table				
Sheet Number	Sheet Title			
C1	COVER SHEET			
C2	EXISTING CONDITIONS			
C3	GENERAL LAYOUT			
C4	SITE PLAN			
C5	GRADING PLAN			
C6	UTILITY PLAN			
C7	STREAM BUFFER PLAN			
C8	LOGISTICS PLAN			
E1	LIGHTING PLAN			
E2	LIGHTING DETAILS			
A3.1	BUILDING ELEVATIONS			
A3.5	BUILDING ELEVATIONS			
,				

TES, INC.

TE 150

No. REVISIONS

O9/02/22 KMR

D9/02/22 KMR

FMD (S 2020 KIMLEY—HORN AND ASSOCIATES, INC. 805 PENNSYLVANIA AVENUE, SUITE 150 KANSAS CITY, MO 64105 PHONE: 630—487—5550 WWW.KIMLEY—HORN.COM

DESIGNED BY:
DRAWN BY:
CHECKED BY:





OVER SHEET

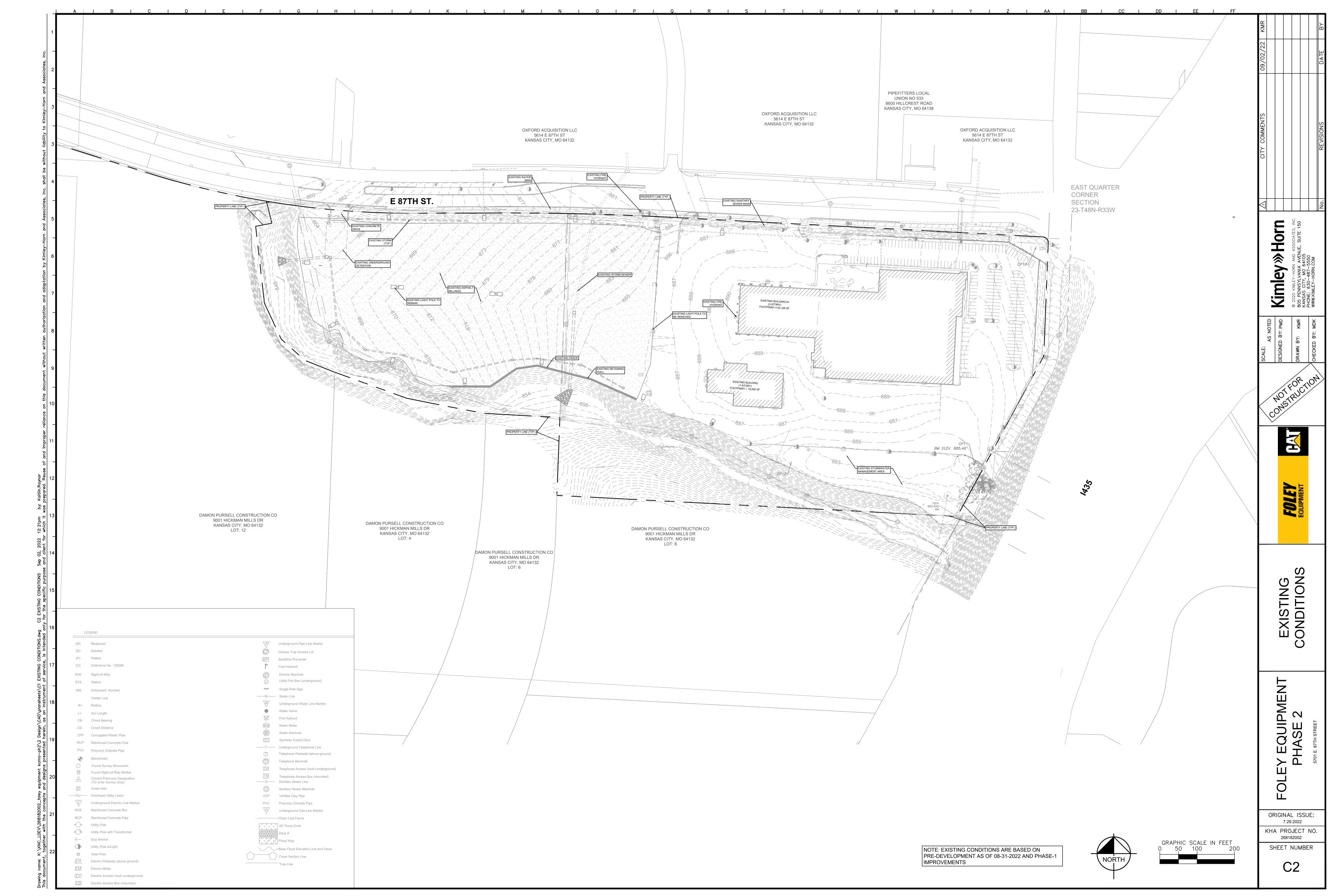
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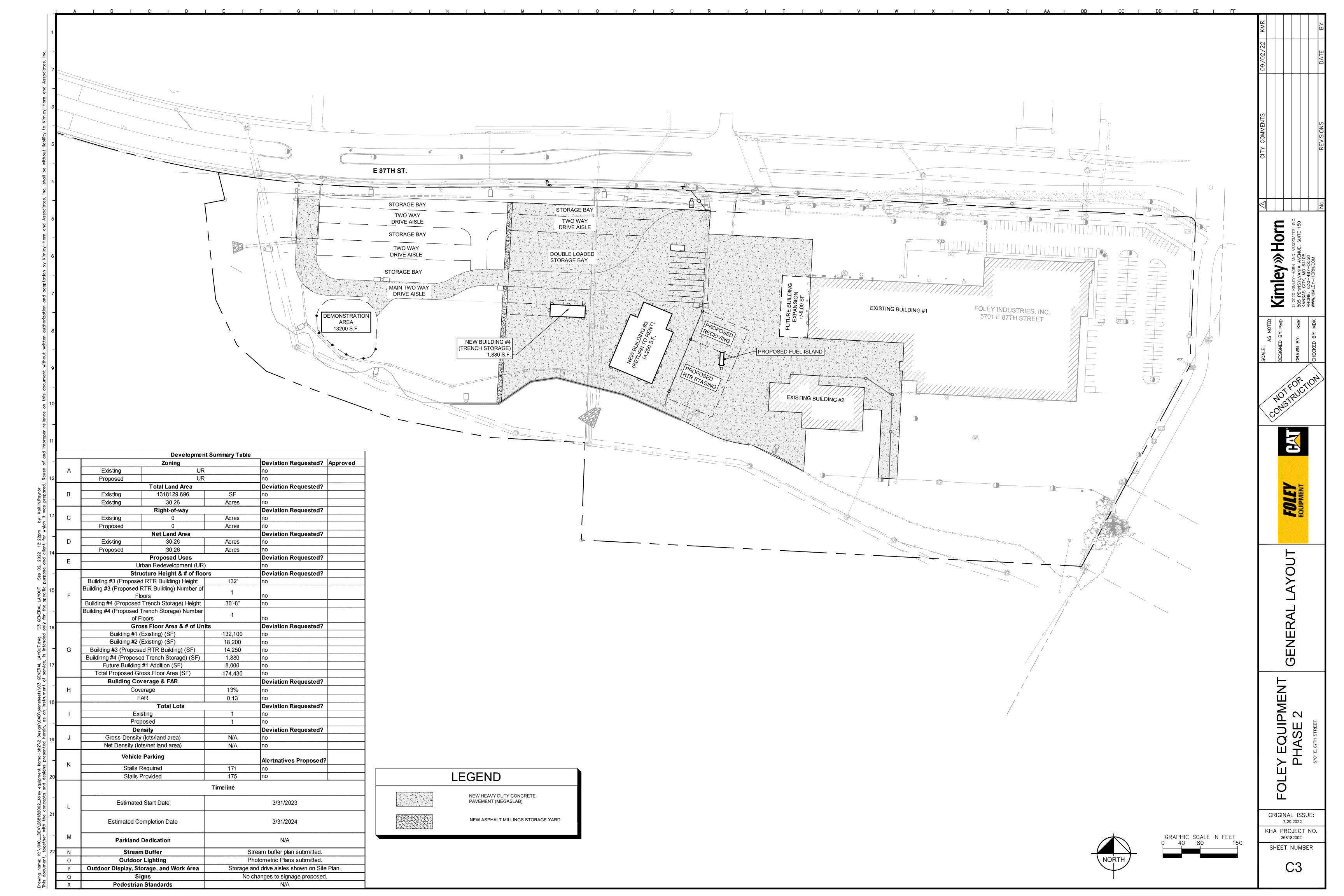
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7.29.2022

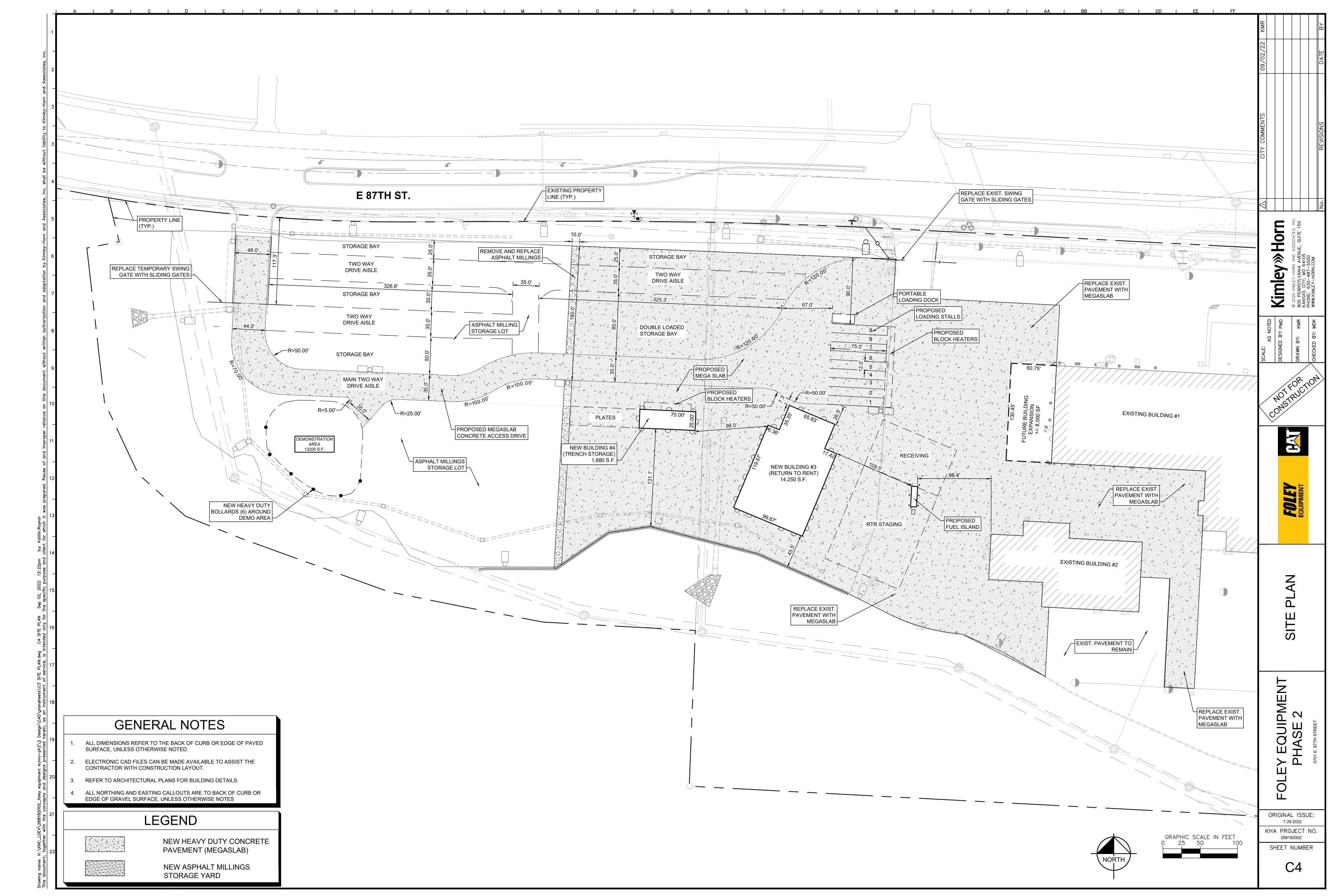
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268182002

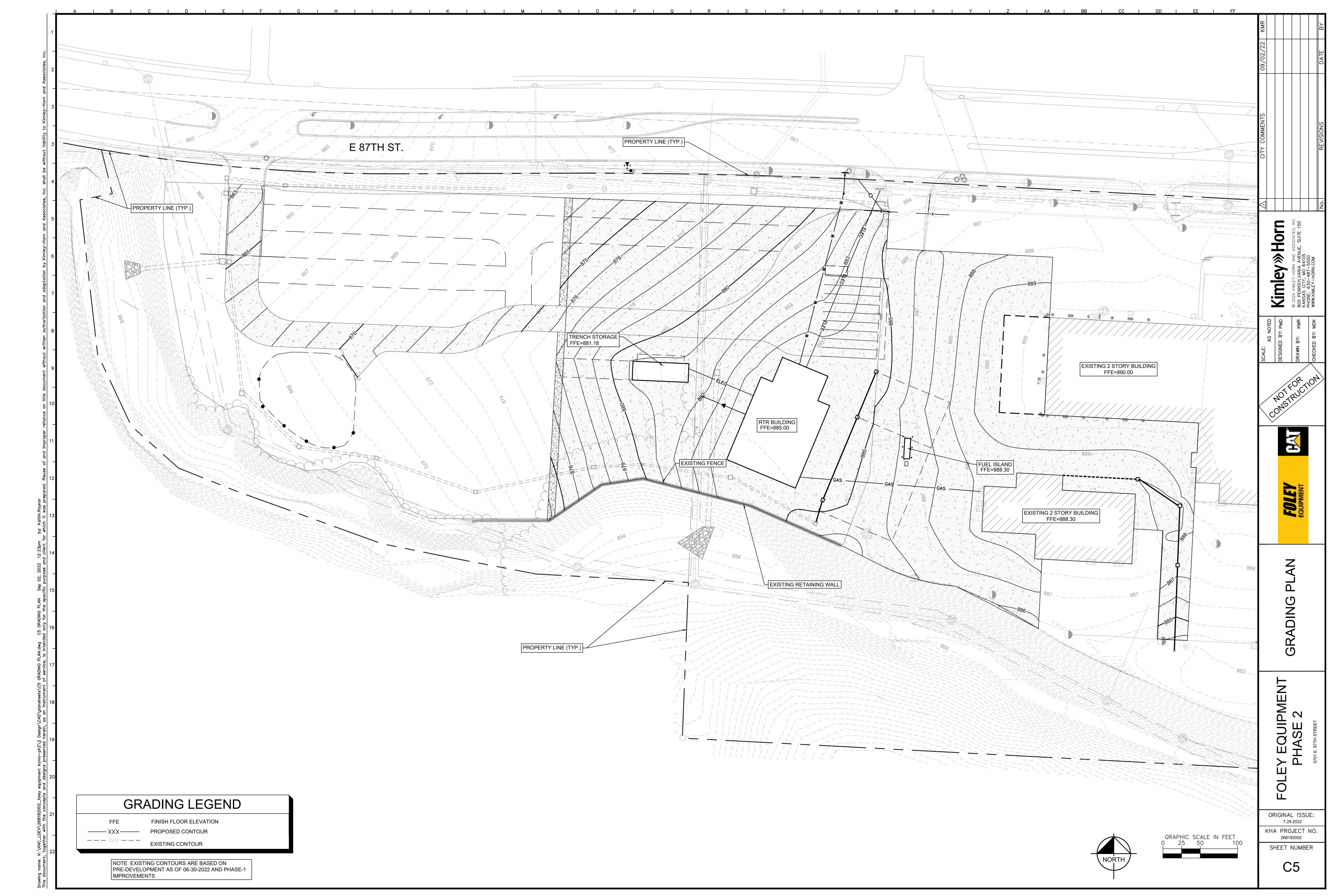
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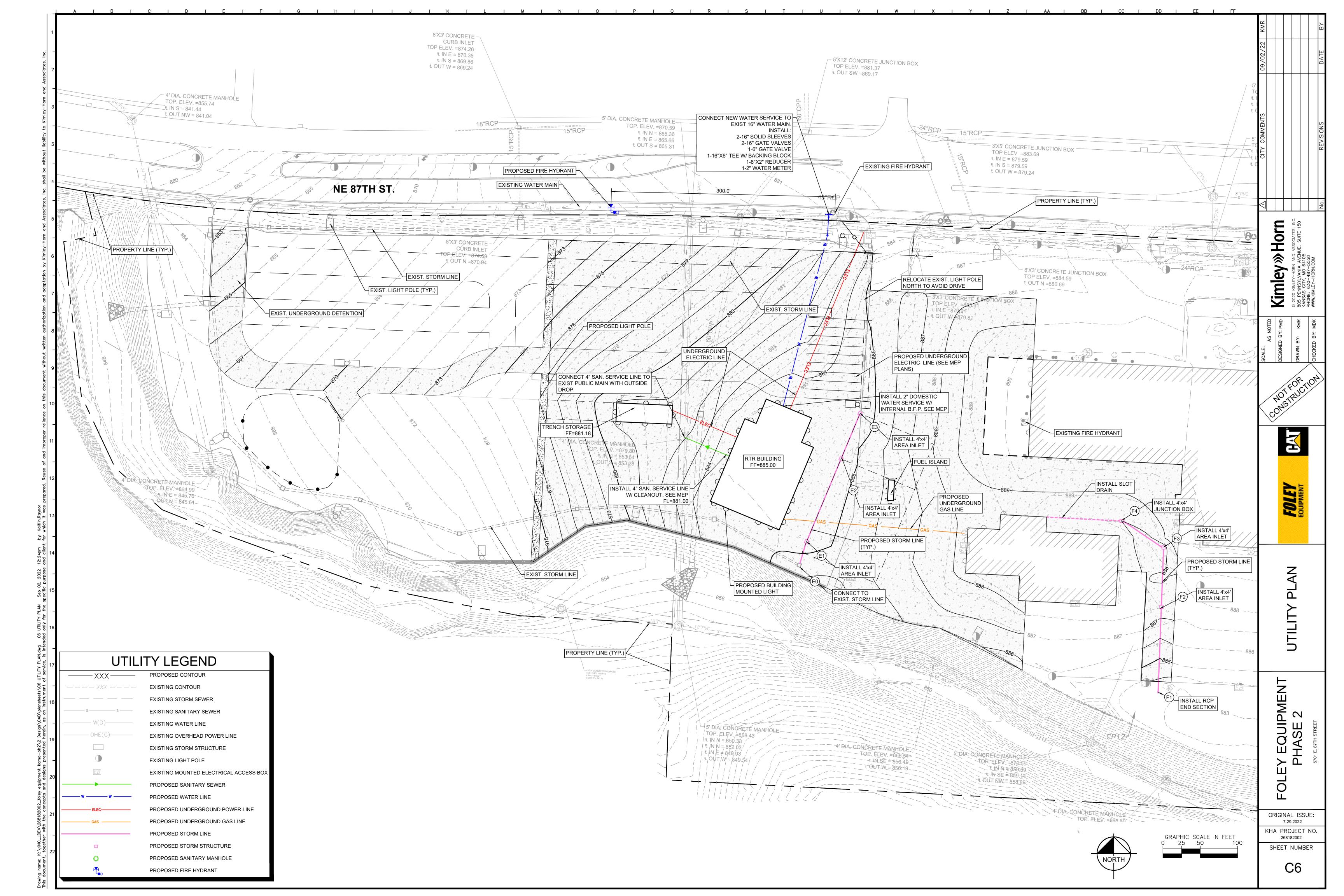
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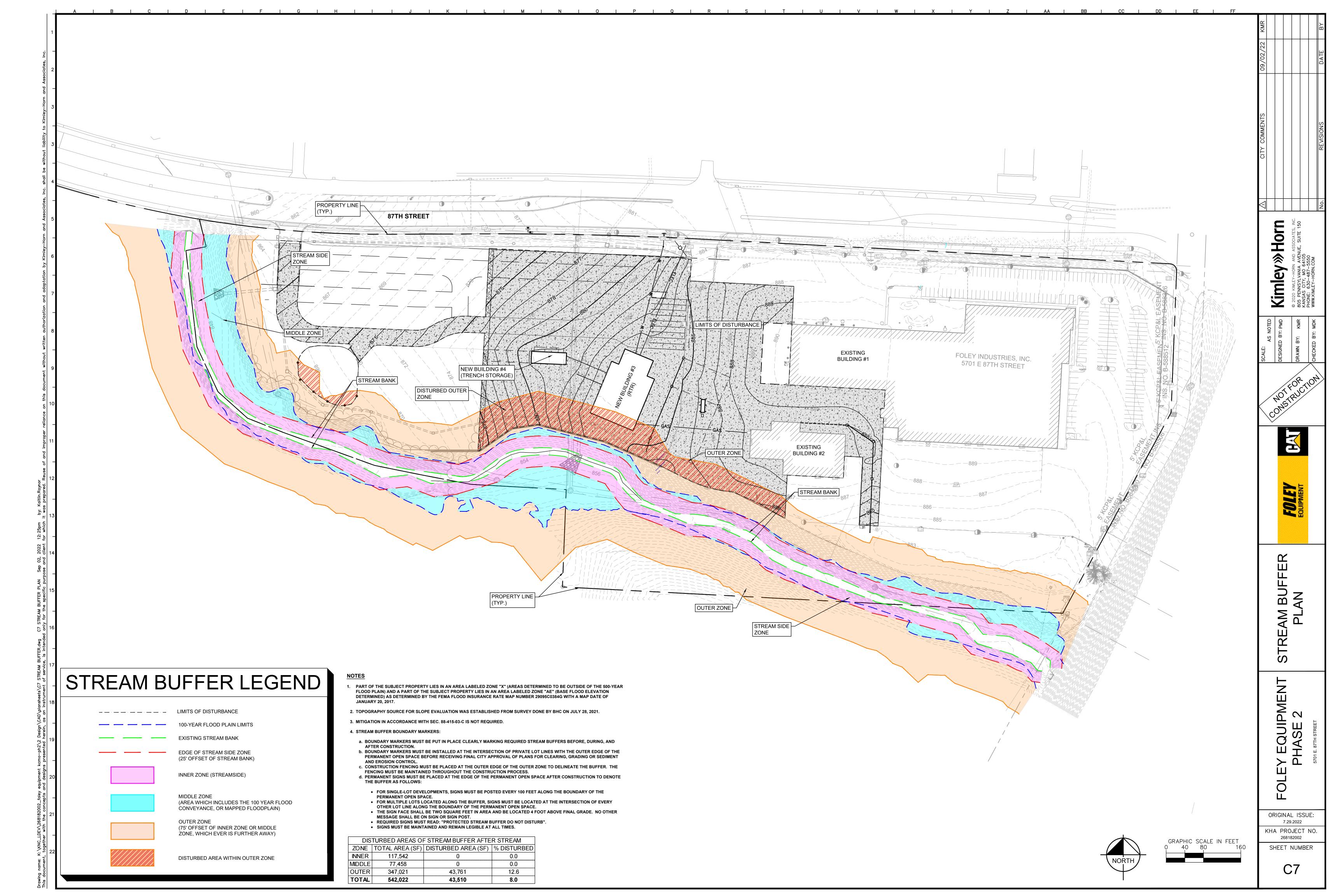


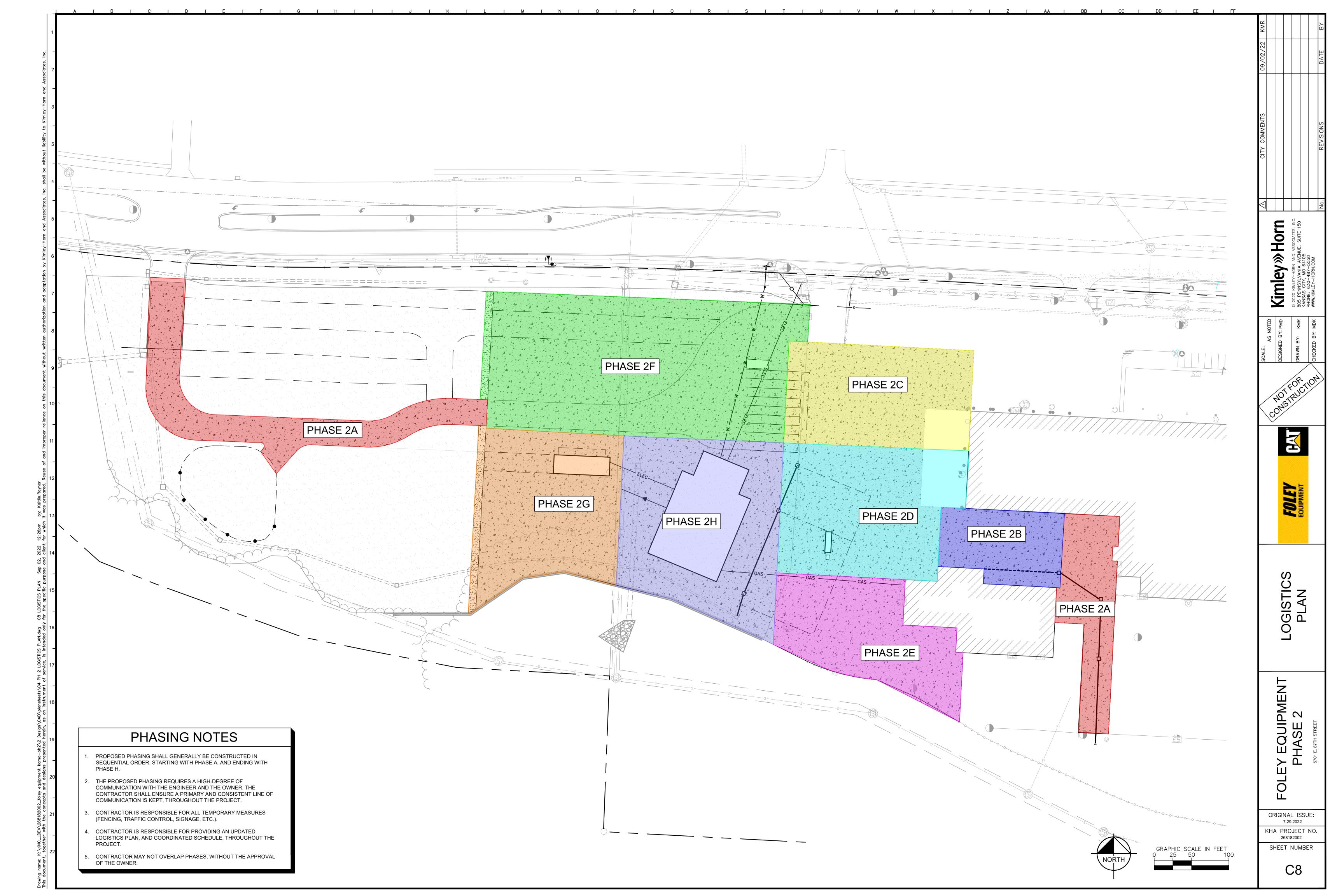


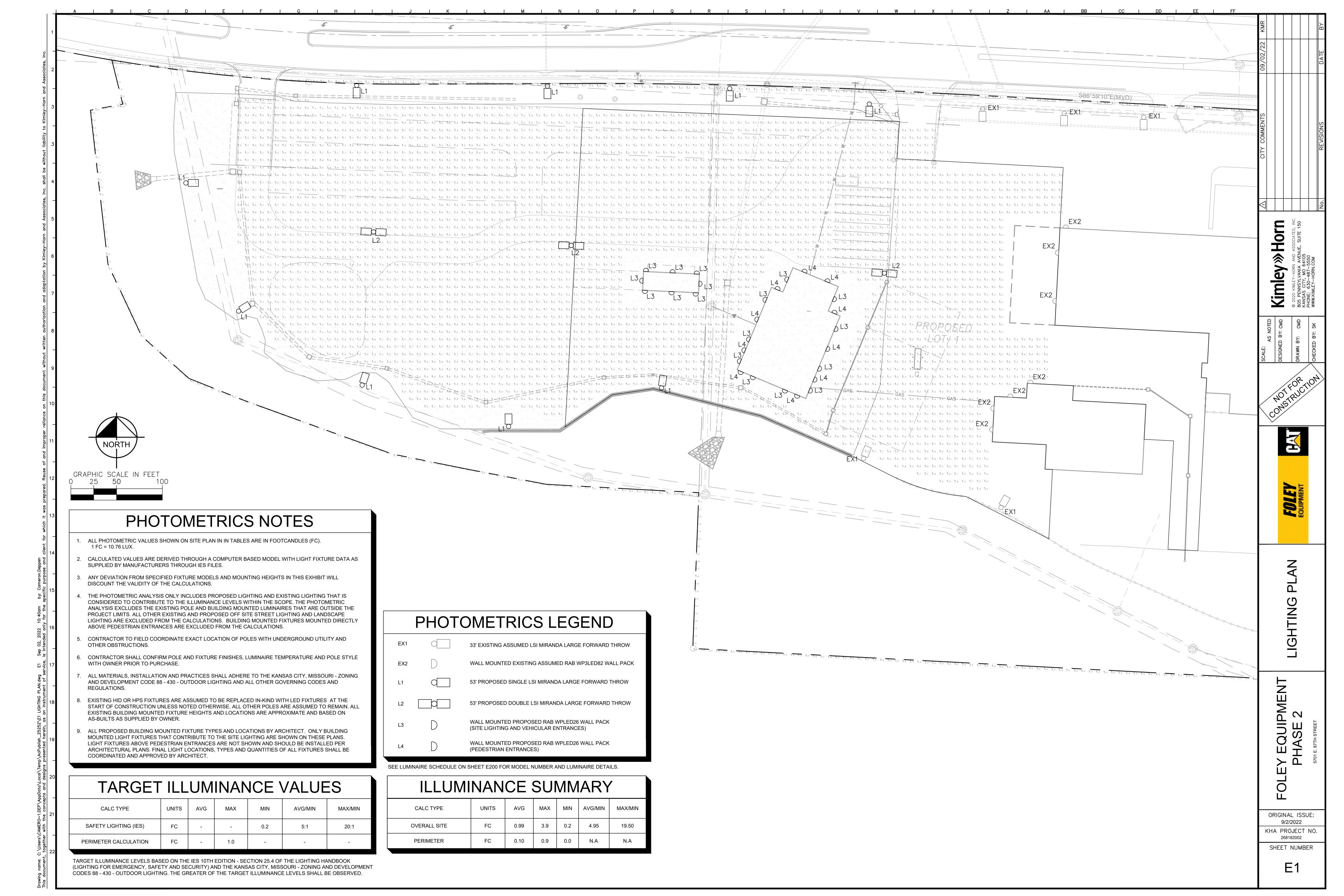


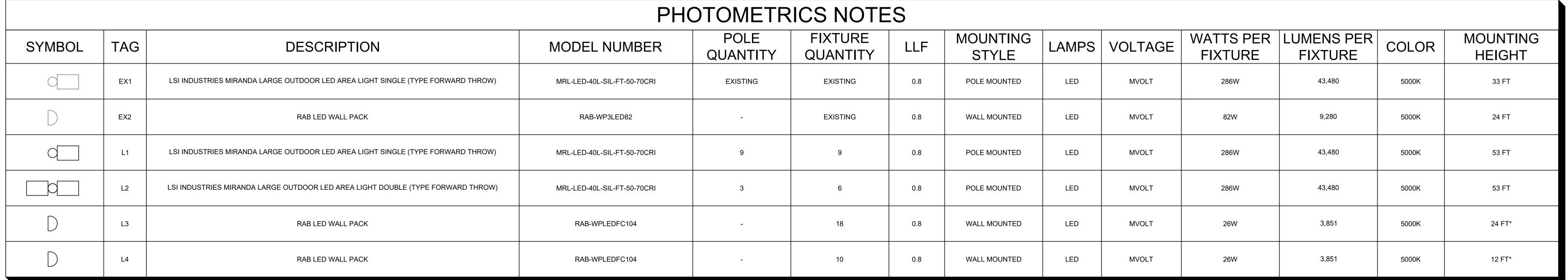






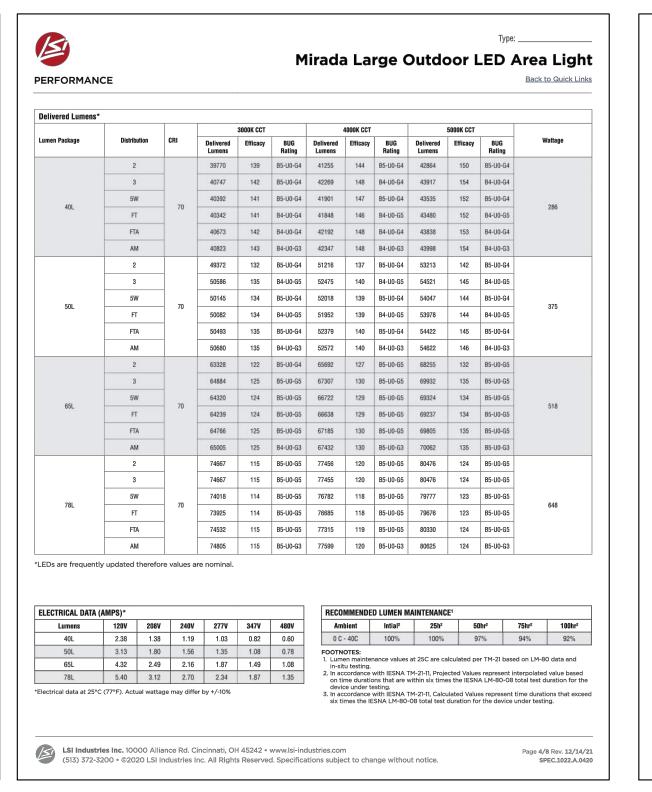


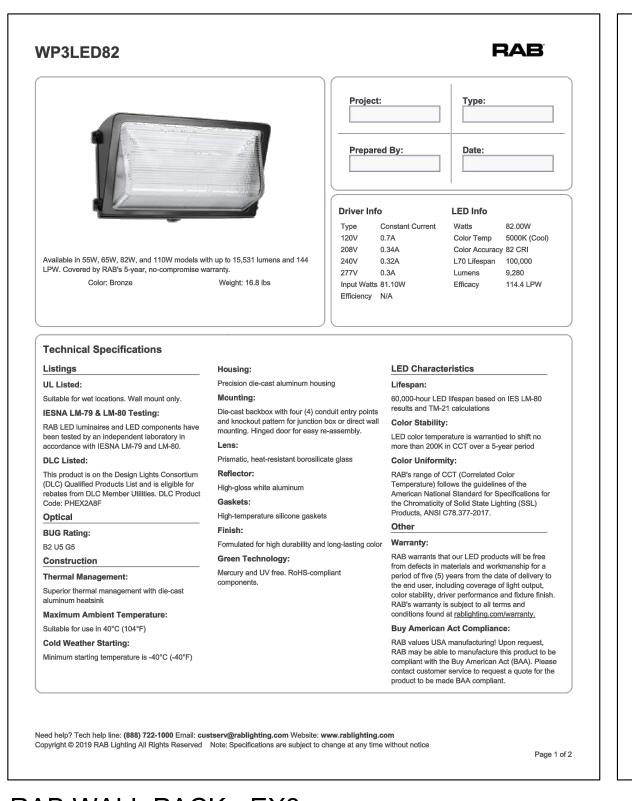


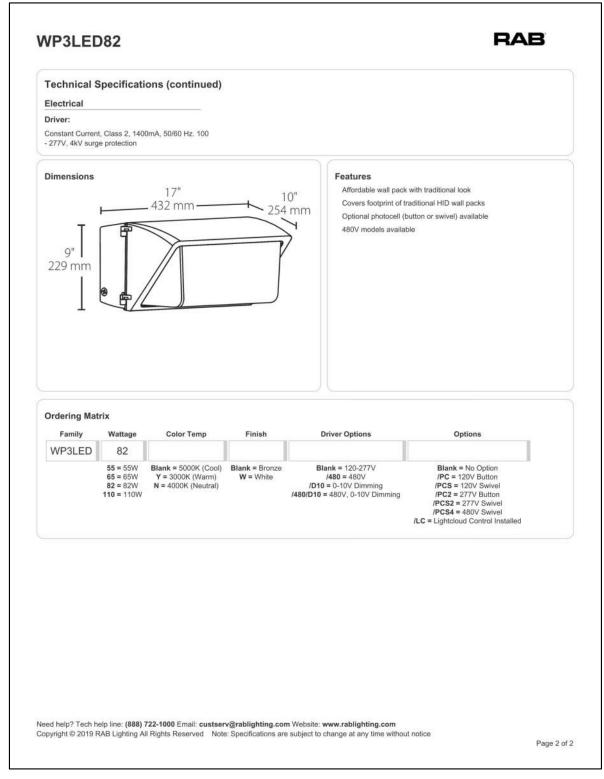






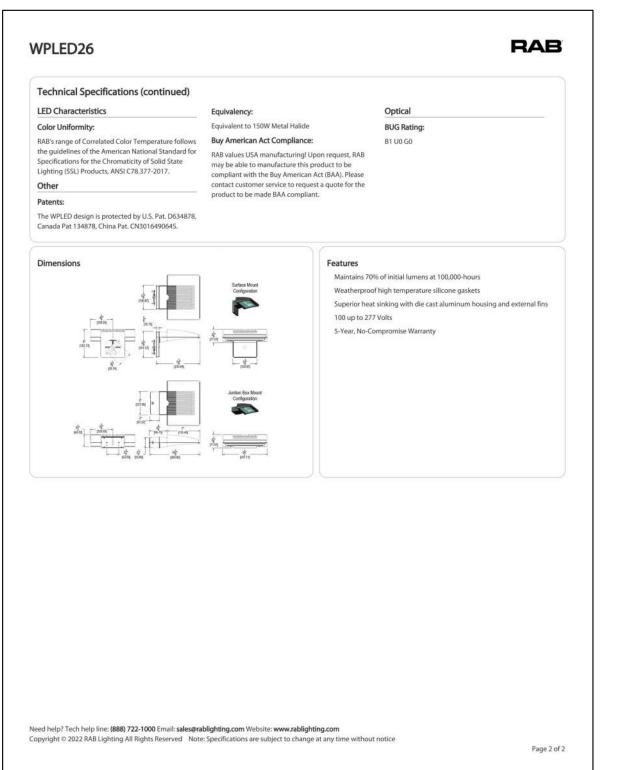






LSI LIGHTING MIRANDA LARGE (MRL) - EX1, EX2, L1, L2





RAB WALL PACK - EX3

ORIGINAL ISSUE:
9/2/2022
KHA PROJECT NO.
268182002
SHEET NUMBER

E2

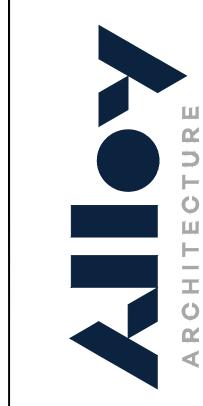
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RAB WALL PACK - L3 (SITE LIGHTING AND VEHICULAR ENTRANCES)





GENERAL NOTES

2 SECTIONAL OVERHEAD DOOR

(3) HOLLOW METAL DOOR, PAINTED.

(4) ALUMINUM STOREFRONT SYSTEM

5 CONCRETE TILT-UP PANEL, PAINTED

6 PRE-FINISHED METAL COPING CAP

7 PRE-MANUFACTURED CANOPY

8 METAL PANEL SYSTEM

9 WALL-PACK FIXTURE

9 ROOF-TOP UNIT

1. WALL DIMENSIONS ARE TO FACE OF CONCRETE, FACE OF MASONRY, AND FACE OF METAL STUD UNLESS NOTED OTHERWISE.

2. SEE CIVIL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION AND COORDINATION OF UTILITIES.

KEYED ELEVATION NOTES

1) 6"Ø GALVANIZED STEEL PIPE BOLLARD, PAINTED - REF. DETAIL X/A-1.1

alloy architecture.com 165 S. ROCK ISLAND, SUITE 200 WICHITA, KS 67202 p: 316.634.1111

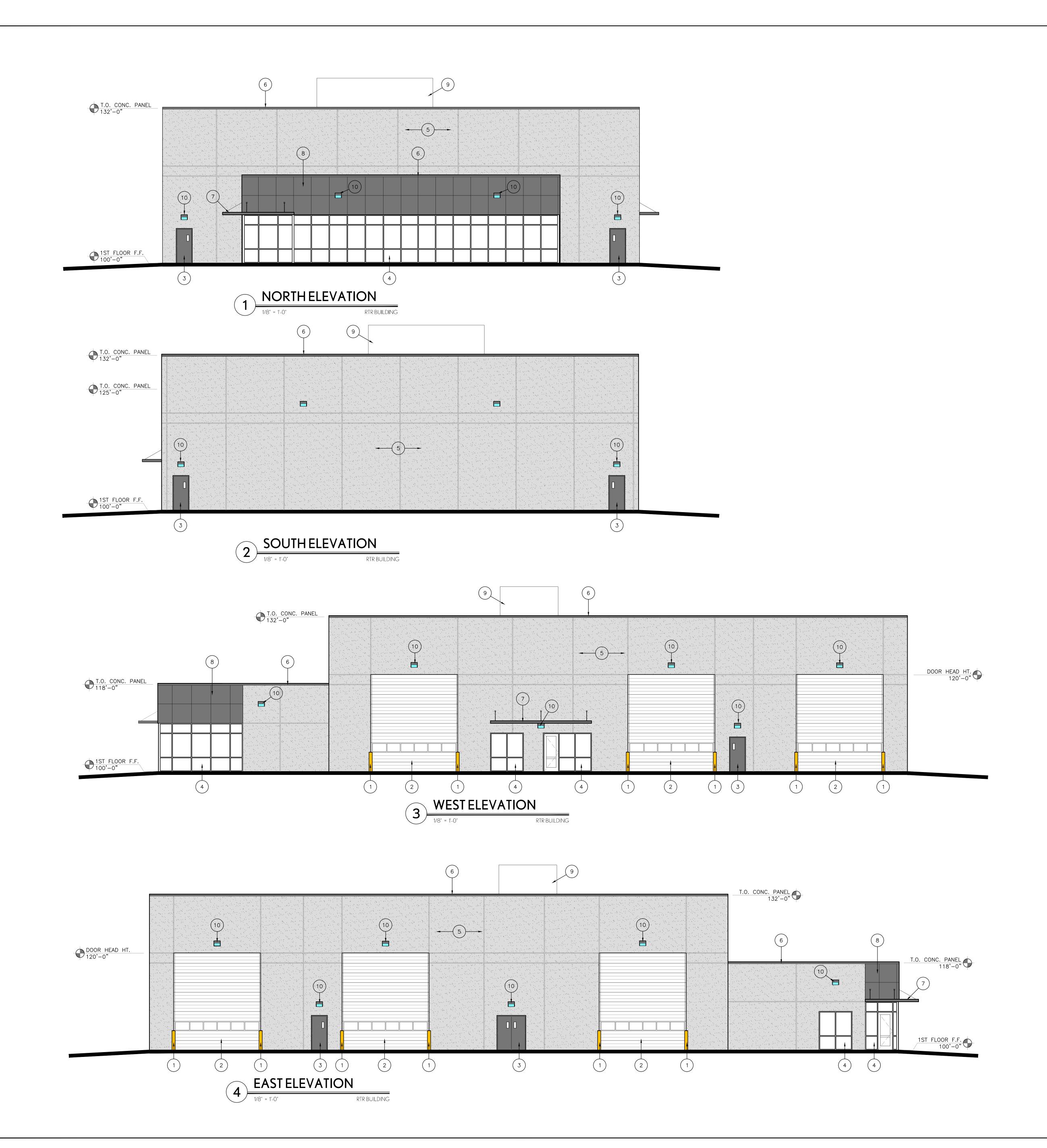


PROJECT NUMBER 22108

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8. VERTICAL METAL PANEL SYSTEM

9. WALL-PACK FIXTURE

- 1. 24" SQUARE X 8'-0" TALL CONCRETE PEDESTALS.
- 4. PRE-FINISHED BREAK-METAL TRIM
- 5. W36X150 BEAM.

GENERAL NOTES

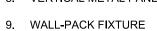
ALL STRUCTURAL MEMBER SIZING IS APPROXIMATE AT SCHEMATIC DESIGN PHASE. ACTUAL DESIGN SIZES WILL BE DETERMINED BY THE STRUCTURAL ENGINEER IN CONSTRUCTION DOCUMENTS TO FOLLOW.

SECTION NOTES

- 1. 24" SQUARE X 8'-0" TALL CONCRETE PEDESTALS.
- 2. 8' X 8' TUBE STEEL COLUMN.
- 3. W36X150 BEAM.
- 4. 3" METAL DECK SPANNING 5'-0"
- 5. 16" PURLIN BEAMS AT 5'-0" O.C. 6. STANDING SEAM METAL ROOF
- 7. 6" X 6" GUTTER
- 8. 6" X 6" DOWNSPOUT
- 9. CONCRETE SPLASHBLOCK 10. GRAVEL - REFERENCE CIVIL ENGINEERING PLANS
- 11. EXTENT OF MEGASLAB REFERENCE CIVIL ENGINEERING PLANS
- 12. ABOVE GROUND 12" WIDE CONCRETE STEM WALL

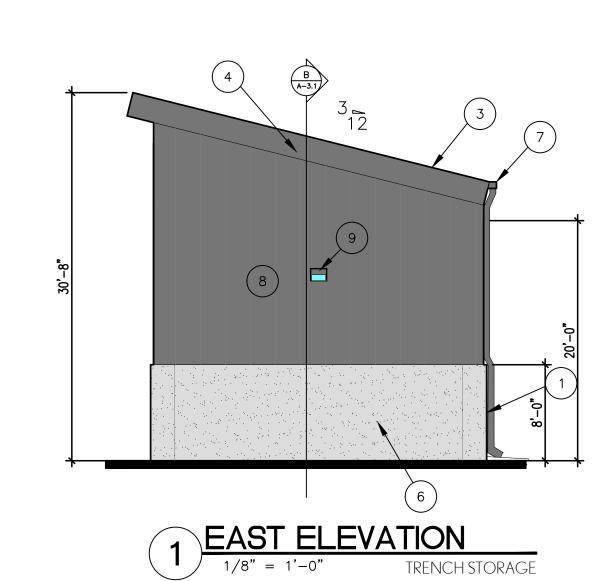
ELEVATION NOTES

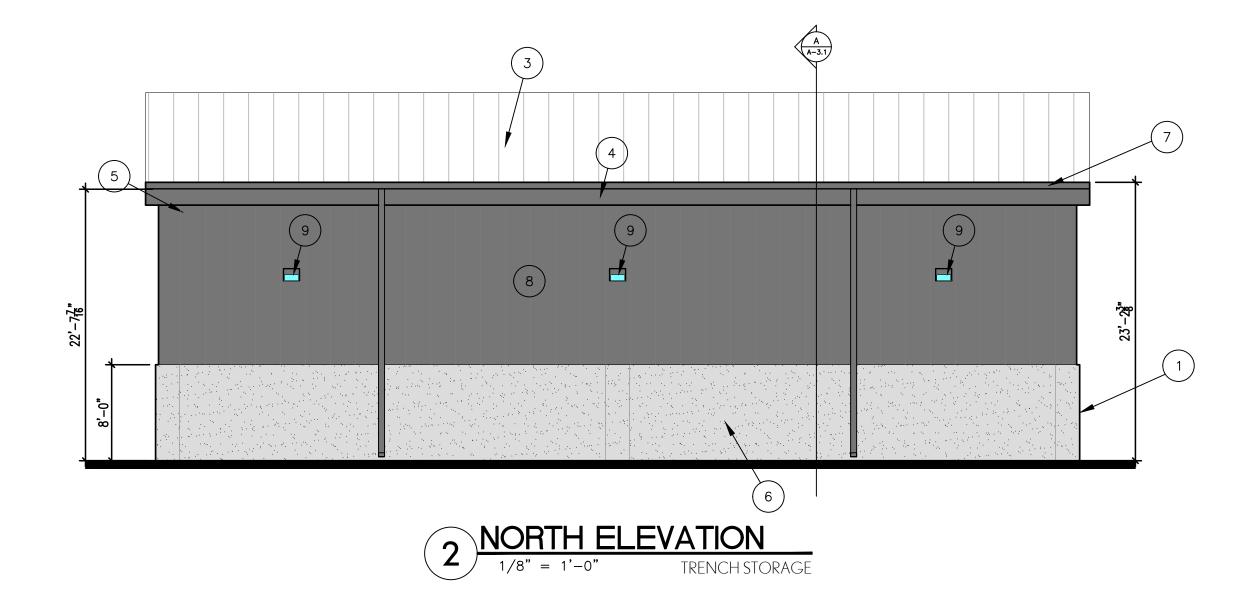
- 2. 8' X 8' TUBE STEEL COLUMN. 3. STANDING SEAM METAL ROOF
- 6. ABOVE GROUND 12" WIDE CONCRETE STEM WALL
- 7. 6" X 6" GUTTER AND DOWNSPOUT SYSTEM

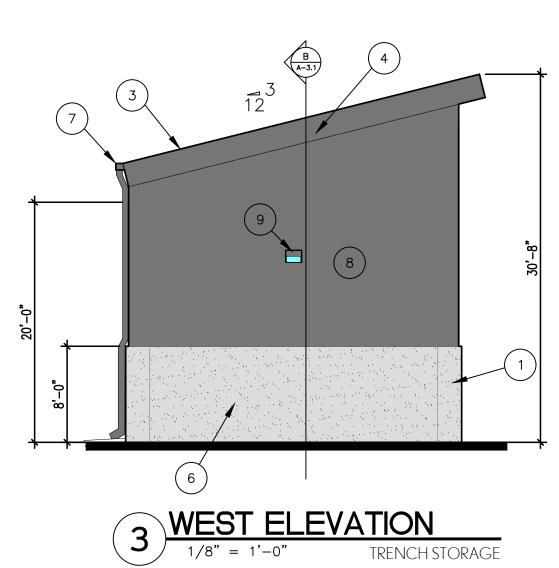


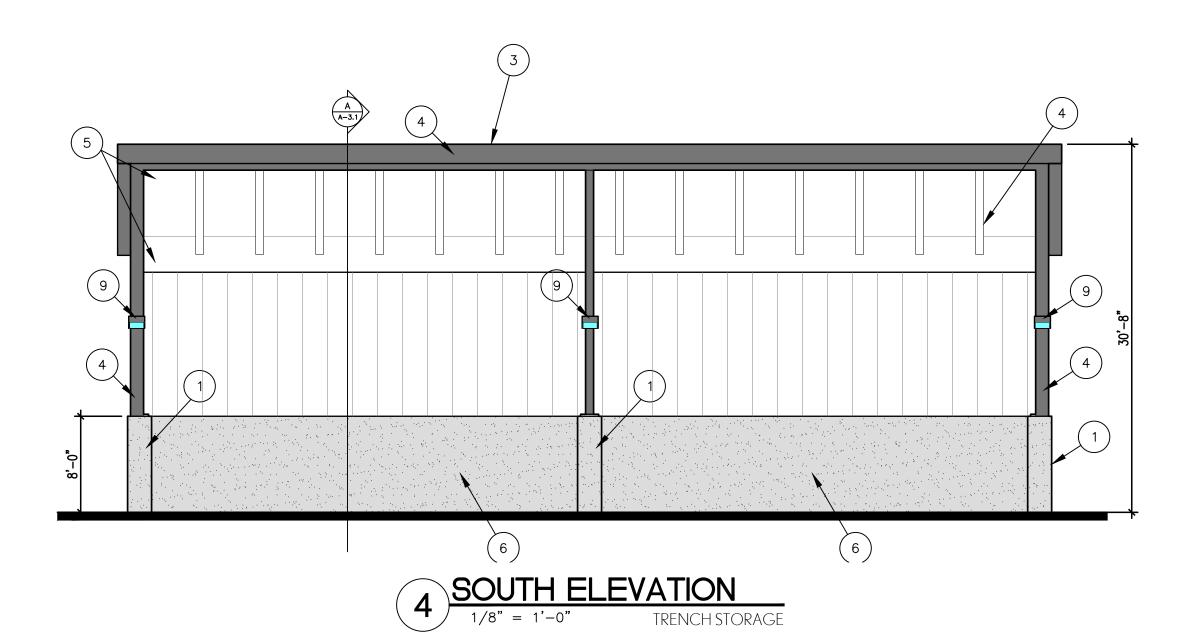


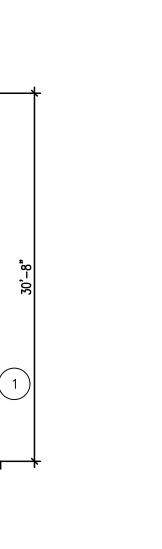
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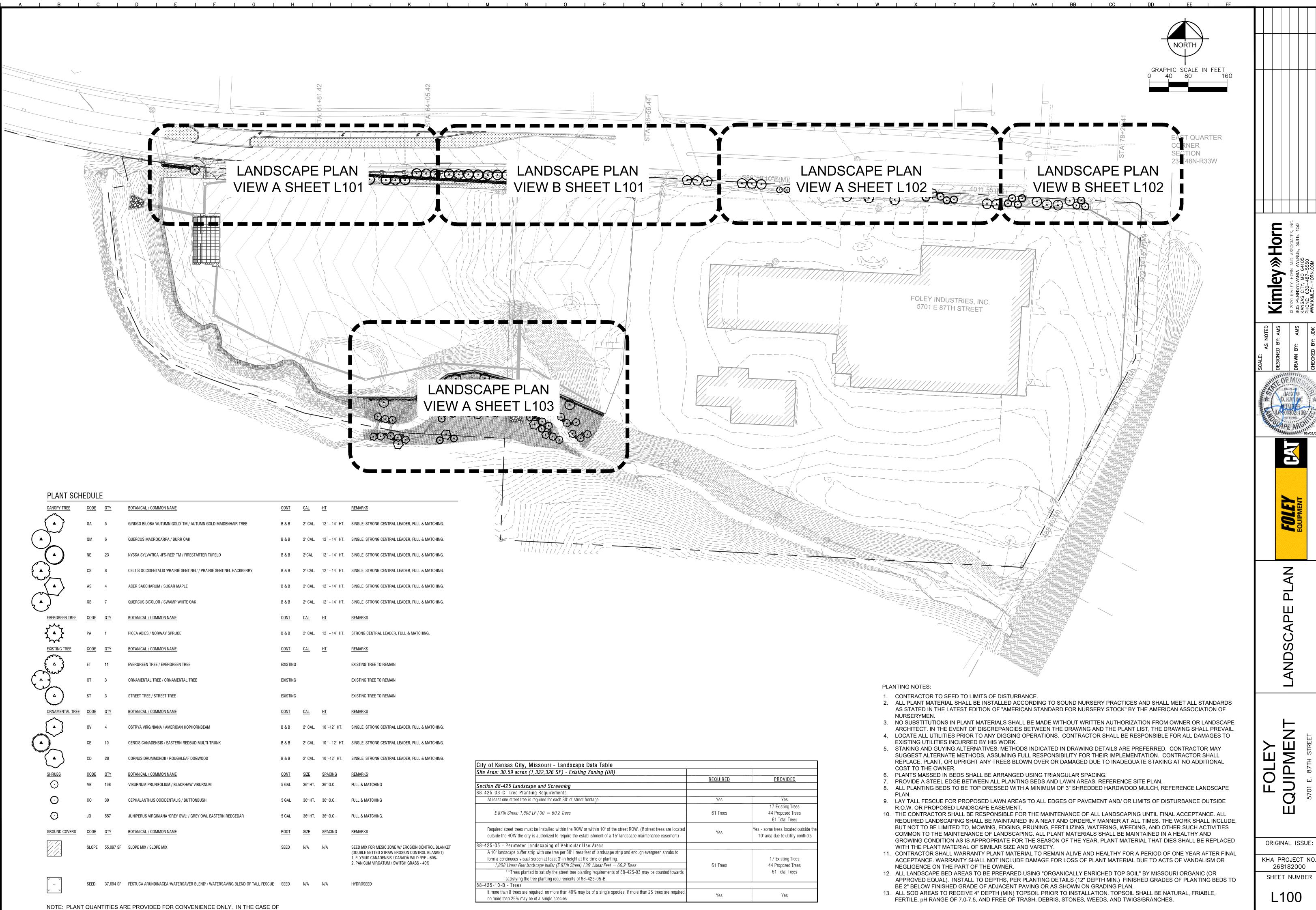






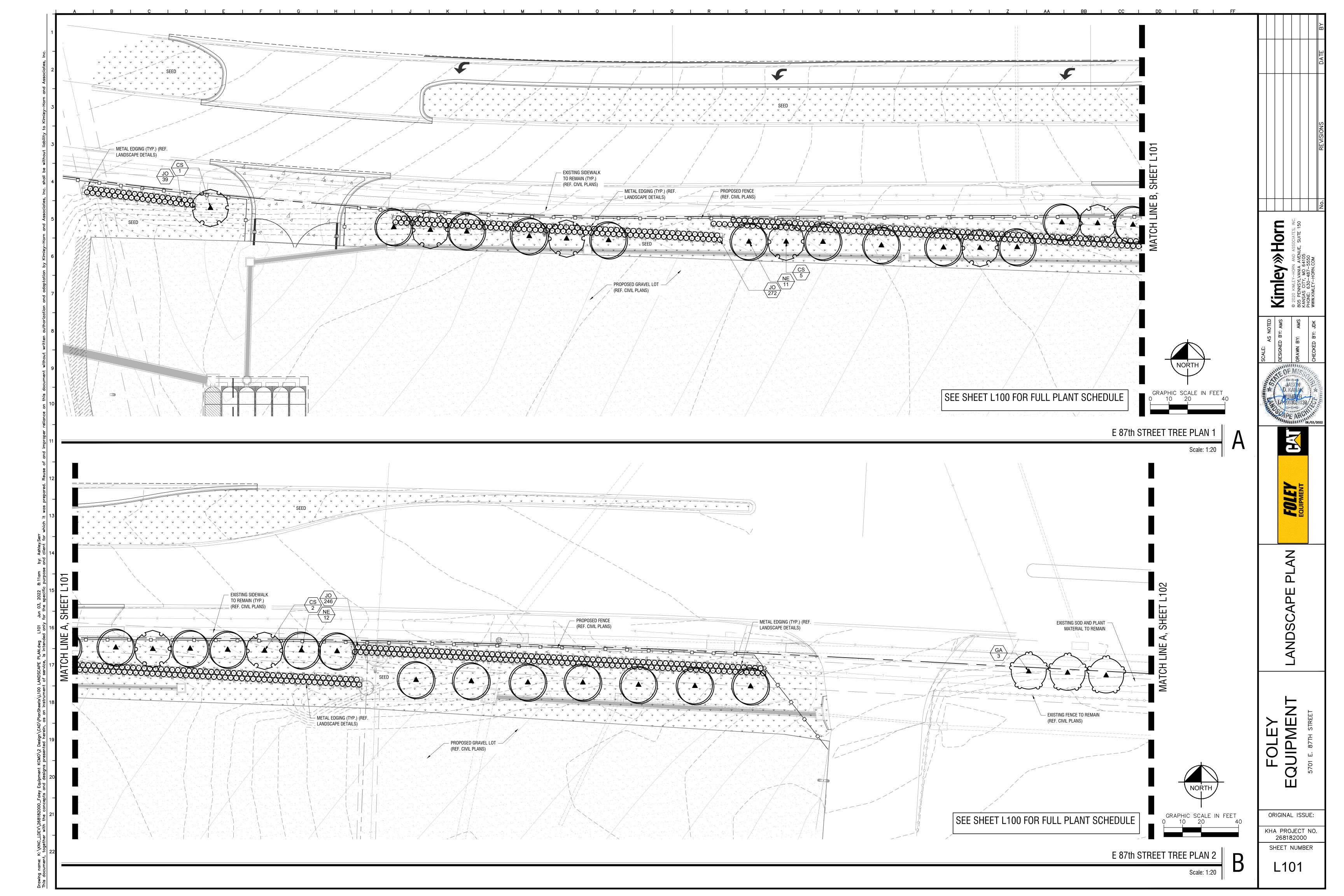


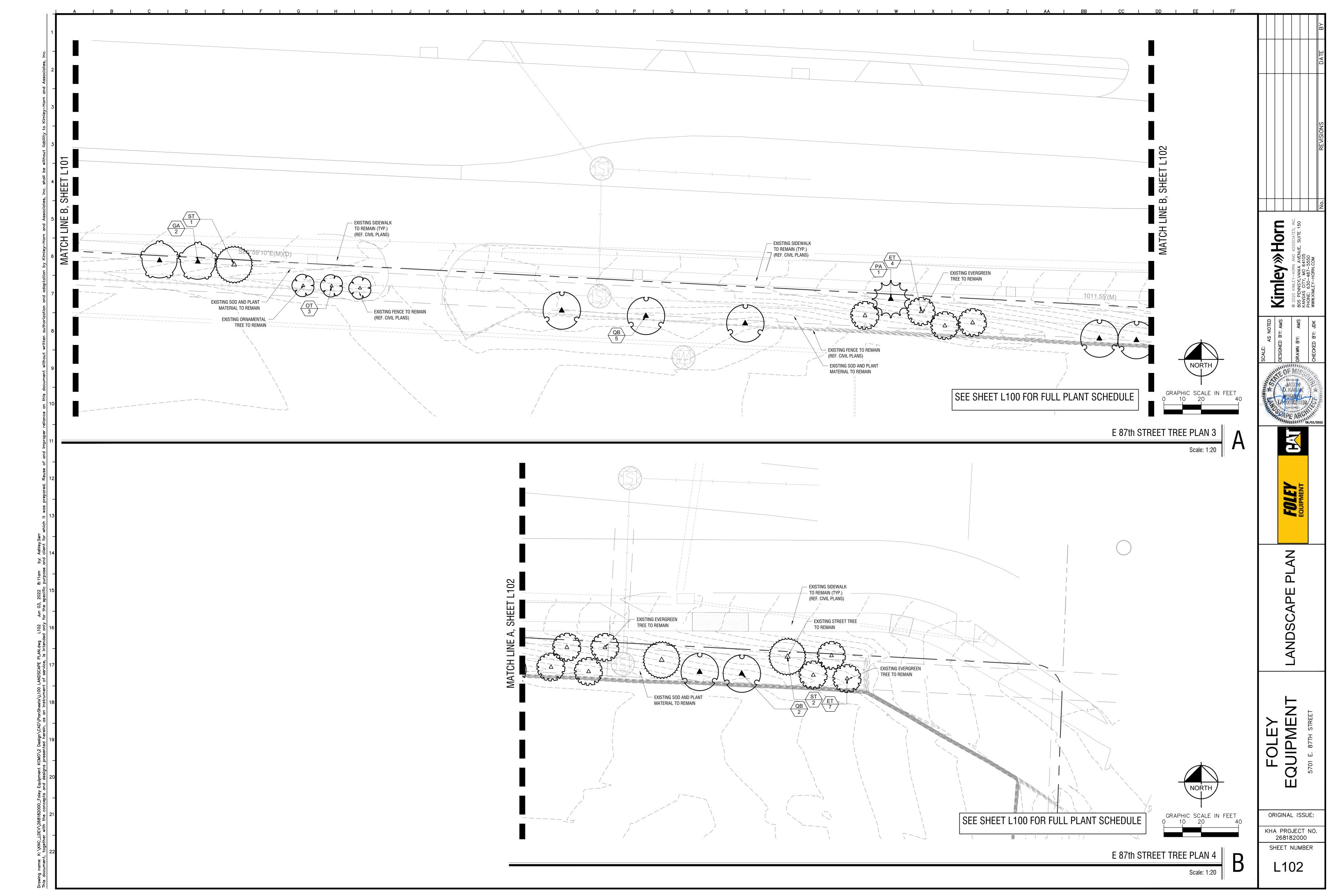




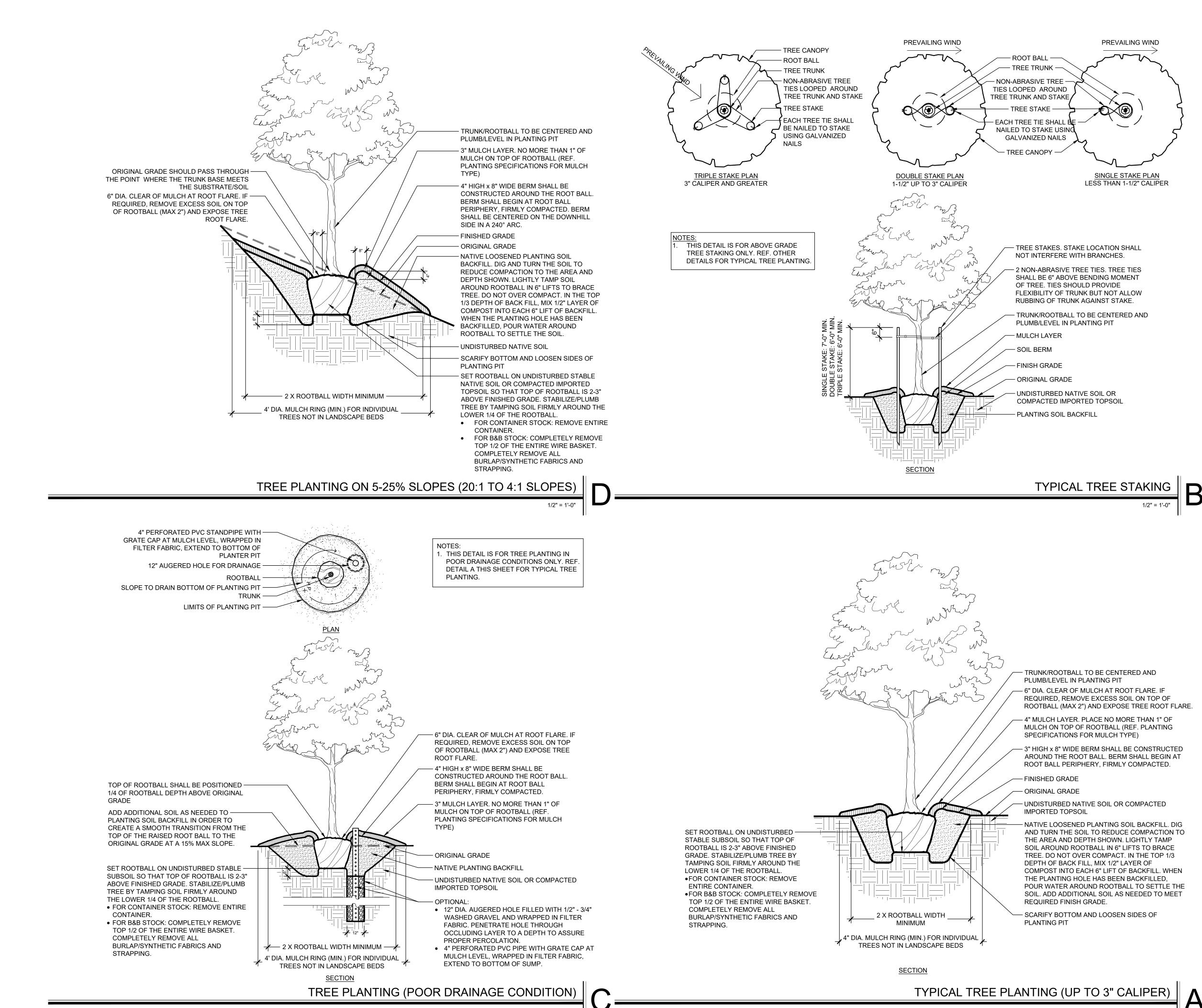
A DISCREPANCY, THE DRAWING SHALL TAKE PRECEDENCE.

L100









L200

ORIGINAL ISSUE:

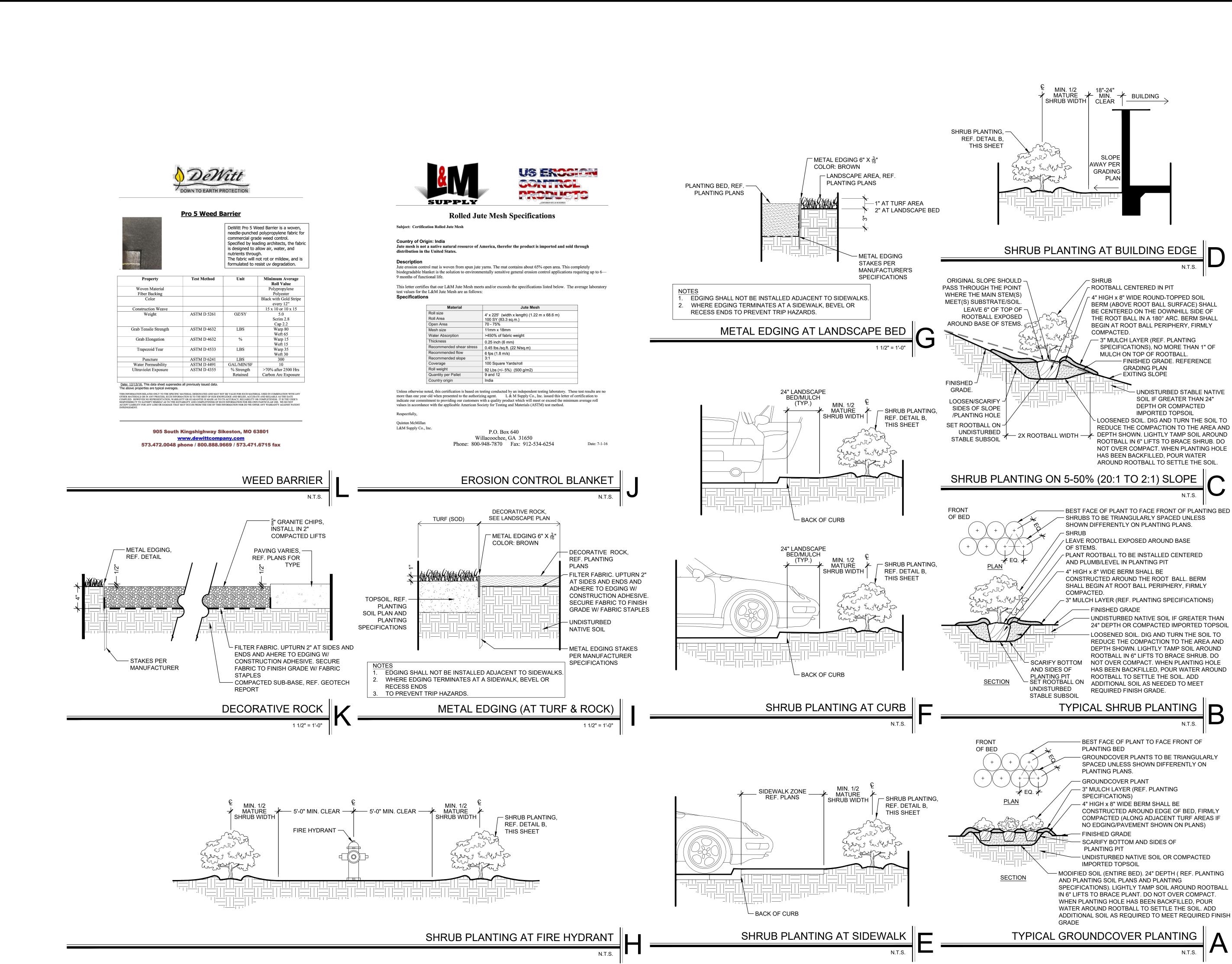
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FOLEY



EQUIPMENT OF \03/2

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SCAPE TAILS

FOLEY UIPMENT

ORIGINAL ISSUE:

KHA PROJECT NO. 268182000 SHEET NUMBER

L201

GENERAL LANDSCAPE SPECIFICATIONS AND NOTES

A. SCOPE OF WORK

- 1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS HEREIN SPECIFIED.
- 2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER.

B. PROTECTION OF EXISTING STRUCTURES

ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.

C. PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO
TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT
OPERATION, MATERIAL STOCKPILING, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR
PARKING INSIDE THE DRIP-LINE AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS
MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED WHERE HEAT WILL
DAMAGE ANY PLANT. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN
AND/ OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE
HUNDRED DOLLARS (\$100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN
ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND
AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE
GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE

D. MATERIALS

HERBICIDE

MATERIALS LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL. UPON SUBMITTALS' APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.

(12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.

MATERIAL SUBMITTAL

MULCH PRODUCT DATA

TOPSOIL MIX AMENDMENT MIX/ PRODUCT DATA/ TEST RESULTS

PRODUCT DATA

PLANTS PHOTOGRAPHS OF ONE (1) OF EACH SPECIES (OR TAGGED IN NURSERY)

FERTILIZER PRODUCT DATA

INOCULATE PRODUCT DATA

STAKING/GUYING FOR ALTERNATE TO DETAILS: SEND PRODUCT DATA, DETAIL CLIENT-REQUESTED TAGGING MAY SUBSTITUTE PHOTOS.

2. PLANT MATERIALS INDICATE SIZES (HEIGHT/WIDTH) AND QUALITY PER SPEC.

- A. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS.
 NOMENCLATURE SHALL CONFORM TO STANDARDIZED PLANT NAMES, 1942 EDITION. ALL
 NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR
 NURSERY PLANTS, LATEST EDITION, PUBLISHED BY THE AMERICAN STANDARD NURSERY
 STOCK. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, SOUND, WELL-BRANCHED, AND FREE
 OF DISEASE AND INSECTS, INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT
 SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL
 MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY
 REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE
 NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY WITH
 APPROVAL FROM OWNER OR OWNER'S REPRESENTATIVE. NO SUBSTITUTIONS SHALL BE
- MADE WITHOUT WRITTEN PERMISSION FROM THE OWNER'S REPRESENTATIVE.

 B. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.
- C. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY; SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

E. SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX)

- 1. ALL PLANTING BED PIT BACKFILL AREAS TO BE PREPARED USING COMPOST, SHARP SCREENED SAND AND EXPANDED SHALE BY MISSOURI ORGANIC OR APPROVED EQUAL. TILL SOIL AMENDMENTS INTO EXISTING SOIL TO DEPTHS PER PLANTING DETAILS (6" DEPTH MIN). FINISHED GRADES OF PLANTING BEDS TO BE 1" BELOW FINISHED GRADE OF ADJACENT CONCRETE MOW STRIP OR AS SHOWN ON GRADING PLAN. PLANTING BED PIT SOIL SHALL BE A MIXTURE OF APPROXIMATELY 50% WEED-FREE EXISTING SOIL, 35% COMPOST, 10% EXPANDED SHALE, AND 5% SCREENED SHARP SAND. 98.5% OF THE PLANTING BED PIT SOIL PARTICLES WILL PASS THROUGH A 1/2 INCH SCREEN AND 99% OR MORE SHALL PASS THROUGH A 3/4 INCH SCREEN. COLOR TO BE A MEDIUM BROWN WITH A WEIGHT OF 1900-2250 LBS. PER CUBIC YARD (DEPENDING ON THE MOISTURE CONTENT).
- 2. ALL SOD AND SEED AREAS TO BE PREPARED USING COMPOST AND SHARP SCREENED SAND, BY MISSOURI ORGANIC OR APPROVED EQUAL. TILL SOIL AMENDMENTS INTO EXISTING SOIL TO DEPTHS PER PLANTING DETAILS (2" DEPTH MIN.). TOPSOIL SHALL BE A MIXTURE OF APPROXIMATELY 50% WEED-FREE EXISTING SOIL, 40% COMPOST, AND 10% SHARP SCREENED SAND. TOPSOIL SHALL BE NATURAL, FRIABLE, FERTILE, pH RANGE OF 7.0-7.5 WITH 25% (MIN) ORGANIC MATERIAL, AND FREE OF TRASH, DEBRIS, STONES, WEEDS AND TWIGS/BRANCHES. THE PARTICLE SIZES SHALL BE SUCH THAT 98.5% OF THE TOPSOIL WILL PASS THROUGH A 1/2 INCH SCREEN AND 99% OR MORE SHALL PASS THROUGH A 3/4 INCH SCREEN. TOPSOIL SHALL BE REVIEWED/APPROVED BY OWNER/LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. CONTRACTOR TO SUBMIT SAMPLES IN 1 GAL. (MIN) CONTAINER.
- 3. THE CONTRACTOR SHALL REESTABLISH ANY ADDITIONAL DISTURBED AREAS NOT SHOWN ON THE PLANS WITH A FULL COVERING OF SOD OR SEED. THE CONTRACTOR SHALL PROVIDE 2" DEPTH (MIN) PREPARED TOPSOIL TILLED INTO EXISTING SOIL IN ALL AREAS TO RECEIVE SEED OR SOD AT NO ADDITIONAL COST.
- 4. TREE PLANTING PITS SHALL BE BACKFILLED WITH COMPOST BY MISSOURI ORGANIC OR APPROVED EQUAL AND NATIVE SOIL. THE TOP 1/3 OF EACH TREE PIT SHALL RECEIVE BACKFILL MATERIAL OF 80% WEED FREE NATIVE SOIL AND 20% COMPOST. THE BOTTOM 2/3 OF EACH TREE PIT SHALL RECEIVE BACKFILL MATERIAL OF 100% WEED FREE NATIVE SOIL.
- 5. EXISTING SOIL USED IN PLANT BACKFILL AND TOPSOIL PREP SHALL BE REASONABLY FREE OF STONES, LIME, LUMPS OF CLAY, ROOTS AND OTHER FOREIGN MATTER. EXISTING SOIL SHALL HAVE A MINIMUM ORGANIC COMPOSITION OF 25% AND THE ACIDITY SHALL BE BETWEEN 7.0 AND 8.0 ph. CONTRACTOR SHALL SUBMIT A 1 GAL. MINIMUM SAMPLE OF THE EXISTING SOIL TO AN APPROVED TESTING FACILITY TO VERIFY COMPOSITION, ACIDITY AND ORGANIC CONTENT.
- 6. IF SOIL FAILS TO ACHIEVE THE AFOREMENTIONED pH AND ORGANIC COMPOSITION QUANTITIES, THE CONTRACTOR SHALL TILL AN ADEQUATE AMOUNT OF COMPOST IN TO THE EXISTING SOIL UNTIL IT MEETS THE REQUIREMENTS PRIOR TO COMBINING WITH OTHER SPECIFIED SOIL AMENDMENTS.
- CONTRACTOR TO SUBMIT SAMPLES OF SOIL MIXTURE AND AMENDMENTS FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.
 WHERE LIME STABILIZED SOIL IS ENCOUNTERED, LAWN AREAS SHALL BE EXCAVATED TO A
- B. WHERE LIME STABILIZED SOIL IS ENCOUNTERED, LAWN AREAS SHALL BE EXCAVATED TO A DEPTH OF 12", PLANT BEDS SHALL BE EXCAVATED TO A DEPTH OF 24", AND TREE PITS SHALL BE EXCAVATED TO A DEPTH OF 36", AND BACKFILLED WITH CLEAN NATIVE SOIL (E.5) AND APPROVED PLANTING SOIL (E.1-4).

F. WATER

WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN AN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE OBTAINED ON THE SITE, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC.. ALL COSTS FOR WATER SUPPLY AND WATERING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE. IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.

*WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

G. FERTILIZER

CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED.

*FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

H. MULCH

MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A DEPTH OF THREE (3) INCHES FOR ALL PLANTINGS AS NOTED. MULCH AT ALL PLANTING BEDS SHALL BE TRIPLE-SHREDDED HARDWOOD MULCH.

I. DIGGING AND HANDLING

- PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO SITE SHALL BE SPRAYED WITH AN ANTITRANSPIRANT PRODUCT ("WILTPRUF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.
- 2. BALLED AND BURLAPPED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS BALLED AND BURLAPPED OR CONTAINER GROWN SHALL NOT BE HANDLED BY STEMS.
- 3. EXCAVATION OF TREE PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES, HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB BASES.

J. CONTAINER GROWN STOCK

- 1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION.
- 2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.
- 3. PLANT ROOTS BOUND IN CONTAINERS ARE NOT ACCEPTABLE.
- 4. SUBSTITUTION OF NON-CONTAINER GROWN MATERIAL FOR MATERIAL EXPLICITLY SPECIFIED TO BE CONTAINER GROWN WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL IS OBTAINED FROM THE OWNER OR OWNER'S REPRESENTATIVE.

K. COLLECTED STOCK

WHEN THE USE OF COLLECTED STOCK IS PERMITTED AS INDICATED BY THE OWNER OR OWNER'S REPRESENTATIVE, THE MINIMUM SIZES OF ROOTBALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE NEXT LARGER SIZE OF NURSERY GROWN STOCK OF THE SAME VARIETY.

L. NATIVE STOCK

PLANTS COLLECTED FROM WILD OR NATIVE STANDS SHALL BE CONSIDERED NURSERY GROWN WHEN THEY HAVE BEEN SUCCESSFULLY RE-ESTABLISHED IN A NURSERY ROW AND GROWN UNDER REGULAR NURSERY CULTURAL PRACTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED ADEQUATE ROOT AND TOP GROWTH TO INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE NURSERY ROW.

M. MATERIALS LIST

QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST QUANTITY, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION PRIOR TO BIDDING OR INSTALLATION. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE

N. FINE GRADING

- FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS OTHERWISE NOTED.
- 2. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. THIS CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.
- ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES.

O. PLANTING PROCEDURES

- 1. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, HE SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.
- 2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL NATIONAL ONE CALL 811 TO LOCATE UTILITIES.

- 3. SUBGRADE EXCAVATION: CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED ROCK AND ROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36". CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF ROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND ADEQUATE PERCOLATION CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE PLANTING DETAIL THAT ADDRESSES POOR DRAINAGE.
- 4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS HEREIN SPECIFIED AND REQUIRED. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY/GROWING SITE.
- 5. GENERAL: COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ON-SITE SHALL NOT REMAIN UNPLANTED FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES, METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.
- 6. ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACKFILLED WITH THE PREPARED PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER PERCOLATION. IF POOR PERCOLATION EXISTS, UTILIZE "POOR DRAINAGE CONDITION" PLANTING DETAIL. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN
- 7. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.
- 8. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION E OF THESE SPECIFICATIONS.
- 9. TREES SHALL BE SET WITH ROOT BALL CENTERED IN PLANTING PIT WITH ROOT FLARE 2" ABOVE ADJACENT SOIL ELEVATION. SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE TOP OF ROOT BALL SHALL BE EVEN WITH TOP OF PLANTING BED. PLANTING SOIL MIXTURE SHALL BE BACKFILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).
- 10. AMEND PINE AND OAK PLANT PITS WITH ECTOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. ALL OTHER PLANT PITS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. PROVIDE PRODUCT INFORMATION SUBMITTAL FOR SOILNOC SRT ADVANCED MYCORRHIZAL INOCULUM (OR EQUAL) PRIOR TO INOCULATION.
- 11. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET. ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE, ONLY WITH MULCH. ALL BURLAP, ROPE, WIRES, BASKETS, ETC., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.
- 12. PRUNING: TREES SHALL BE PRUNED, AT THE DIRECTION OF THE OWNER OR OWNER'S REPRESENTATIVE, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT. ALL PRUNING TO BE PERFORMED BY LICENSED ARBORIST, IN ACCORDANCE WITH ANSI A-300.
- 13. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 12", REMOVE AND DISPOSE ALL DEBRIS AND MIX TO ACHIEVE SOIL MIXTURE AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.
- 14. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.
- 15. MULCHING: PROVIDE A THREE INCH (MINIMUM) LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER, VINE BED, AND TREE PIT PLANTED UNDER THIS CONTRACT.
- 16. HERBICIDE WEED CONTROL: ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER. (AS ALLOWED BY JURISDICTIONAL AUTHORITY)

P. LAWN SODDING/ SEEDING

- 1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.
- 2. LAWN BED PREPARATION: ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, DEBRIS, HAVE SOIL PREPARED PER SECTION E, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
- 3. SOIL PREPARATION: ALL SOIL TO BE PREPARED PER SECTION E.

SODDING:

- A. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.
- B. THE SOD SHALL BE CERTIFIED TO MEET AMERICAN STANDARD FOR NURSERY STOCK SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.

- C. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A 24 INCH STONE OR MULCH STRIP SHALL BE PROVIDED REFER TO DETAILS. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.
- D. CONTRACTOR SHALL REFERENCE PLANTING SCHEDULE FOR SEEDING VARIETY AND RATES.
- E. IF SEED INSTALLATION FALLS BETWEEN SEPTEMBER 16TH AND MARCH 14TH, THE CONTRACTOR SHALL INSTALL EITHER SOD OR A COLD SEASON VARIETY SEED MIX, SUCH AS WINTER RYE. IF A COOL SEASON VARIETY MIX IS INSTALLED BETWEEN SEPTEMBER 16TH AND MARCH 14TH, THE CONTRACTOR SHALL RESEED THE AREA WITH THE ORIGINAL SPECIFIED SEED MIX PER THE PLANS AND SPECIFICATIONS BETWEEN MARCH 15TH AND SEPTEMBER 15TH.
- 1. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.

2. LAWN MAINTENANC

- A. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"X12") UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRADING IF NECESSARY).
- B. CONTRACTOR RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.
- C. CONTRACTOR SHALL REESTABLISH 95% (MIN) COVERAGE FOR ALL DISTURBED AREAS OF VEGETATION WITHIN 60 DAYS OF SUBSTANTIAL COMPLETION. CONTRACTOR SHALL PROVIDE SEED AND/OR SOD THAT MATCHES THE ADJACENT LAWN AREA.

Q. CLEANUP

UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE BROOM-CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

R. PLANT MATERIAL MAINTENANCE

ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. MAINTENANCE AFTER THE CERTIFICATION OF ACCEPTABILITY SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS IN THIS SECTION. CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE TO COVER LANDSCAPE AND IRRIGATION MAINTENANCE FOR A PERIOD OF 90 CALENDAR DAYS COMMENCING AFTER ACCEPTANCE.

S. FINAL INSPECTION AND ACCEPTANCE OF WORK

FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.

T. WARRANTY

- 1. THE LIFE AND SATISFACTORY CONDITION OF ALL 1 GALLON AND LARGER PLANT MATERIAL INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.
- 2. THE LIFE AND SATISFACTORY CONDITION OF ALL OTHER PLANT MATERIAL (INCLUDING SOD) INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.
- 3. REPLACEMENT: ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED UNDER "PLANTING", AT NO ADDITIONAL COST TO THE OWNER.
- 4. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE MAINTENANCE, THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE.

No. REVISIONS DATE

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805 PENNSYLVANIA AVENUE, SUITE 150
KANSAS CITY, MO 64105
KANSAS CITY, MO 64105
WHONE: 630-487-5550

DESIGNED BY: AMS
DRAWN BY: AMS
CHECKED BY: JDK



FOLEY EQUIPMENT

> LANDSCAPE SPECIFICATION

UIPMENT

ORIGINAL ISSUE:

KHA PROJECT NO. 268182000

L300



August 3, 2022

VIA U.S. MAIL

RE: Foley Equipment Phase 2 – UR Development Plan Amendment 07-29-2022

Dear Property Owner:

We represent Foley Equipment Company and are contacting you regarding their property located at 5701 East 87th Steet, in Kansas City, Jackson County, Missouri. We submitted an application to the City Plan Commission for approval of an UR Development Plan Amendment. Approval of the application will allow for the development of the property for a new "Return to Rent" (RTR) Building, a new Trench Storage Building, a new fuel island, and associated concrete pavement, at the existing facility located at southwest corner of 87th Street and Interstate 435.

You are receiving this notice in accordance with city code that requires a public meeting with neighborhoods for certain types of development projects and that all property owners within 300 feet are invited. This public meeting is an opportunity for you to come learn more about the UR Development Plan Amendment and discuss these plans with the owner's representatives. You can read more about the process requirements at kcmo.gov/publicengagement. If you would like further information on this proposed project, please visit Kansas City's planning and permitting system, Compass KC, at Compasskc.kcmo.org. You may search by project type and address number to find project details. (Case Number Plan Number: CD-CPC-2022-00132)

This neighborhood meeting will be held at Marlborough Community Center (8200 The Paseo Boulevard, Kansas City, MO 64123) on Wednesday, August 24, 2022, from 6:00 pm to 7:00 pm. We anticipate the application will be heard by the City Plan Commission at 9:00 AM on September 6, 2022.

Questions or concerns can be addressed to Matt Kist via email or phone listed below.

Sincerely,

Matt Kist, P.E. Kimley-Horn

Matt.Kist@Kimley-Horn.com

816-652-0350

cc: Craig Highfill Perla Diosdado

Andrew Clarke (via email Andrew.Clarke@kcmo.org)

City Planning and Development (publicengagement@kcmo.org)



CITY PLANNING & DEVELOPMENT

Public Meeting Summary Form

Project Case # CD-CPC-2022-00132

Meeting Date: 08/24/2022

Meeting Location: Malborough Community Center

Meeting Time (include start and end time): 6:00 PM-7:00 PM

Additional Comments (optional):

· Landscape (heavy landscape)
· min standards

. Sind Landscape Plan to Ryan Companies

- · 87 th Street Finish Paving, currently not uprept
- . All concrete yard Finish
- · Trathe Impact Study - merge midwest submitted, Tarnelle - Patricia Teneser

- Send Traffic Study to Ryan Companies

ouvhead lower, lights.

Meeting Sign-In Sheet

Project Name and Address

Foley Equipment Phase 2

5701 E 87th St. Kansas City, MO 64132

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