LEE'S SUMMIT JOINT OPERATIONS FACILITY

2 NE TUDOR RD LEE'S SUMMIT, MISSOURI 64086



PRELIMINARY DEVELOPMENT PLAN AUGUST 27, 2024

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HOEFER WELKER

HW PROJECT NO: 138191

OWNER

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FIRE PROTECTION ENGINEER

SMITH & BOUCHER 25618 W 103RD STREET OLATHE, KS 66061 P: 913.345.2127

STRUCTURAL ENGINEER

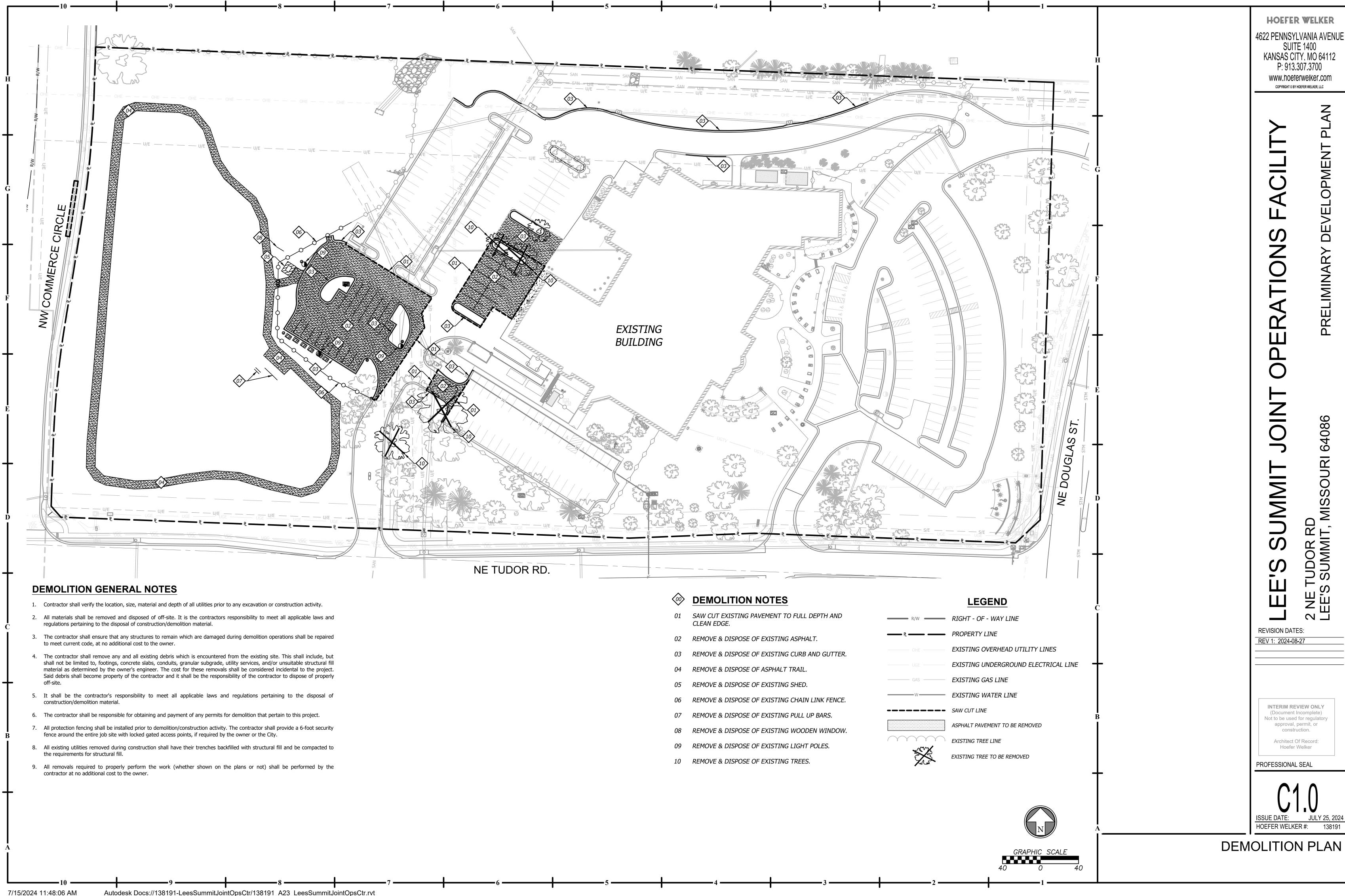
J&S STRUCTURAL ENGINEERS, PA 6640 WEST 143RD STREET #250 OVERLAND PARK, KS 66223 P: 913.549.4701

CIVIL ENGINEER

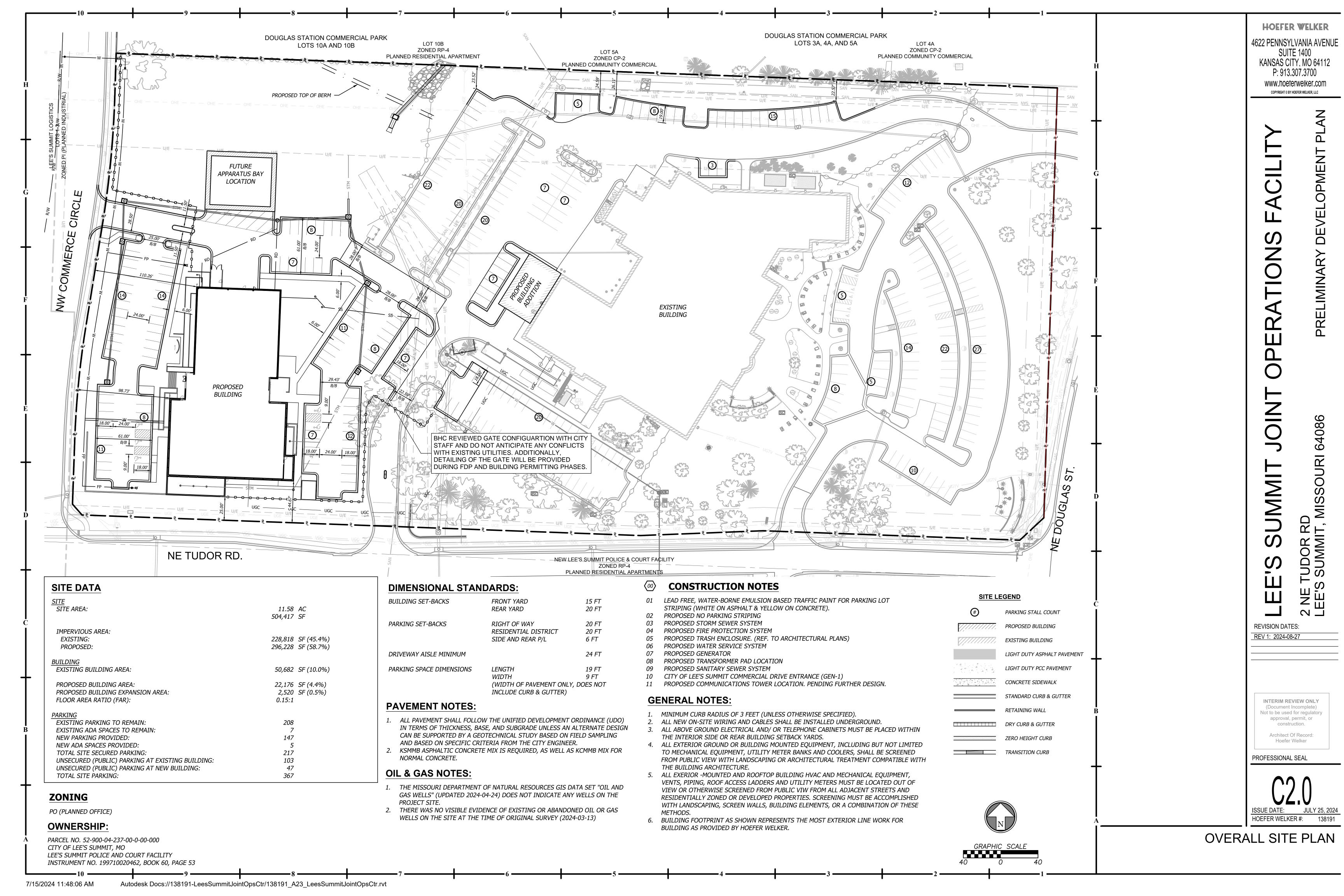
BHC 7101 COLLEGE BLVD SUITE 400 OVERALND PARK, KANSAS 66210 P: 913.663.1900

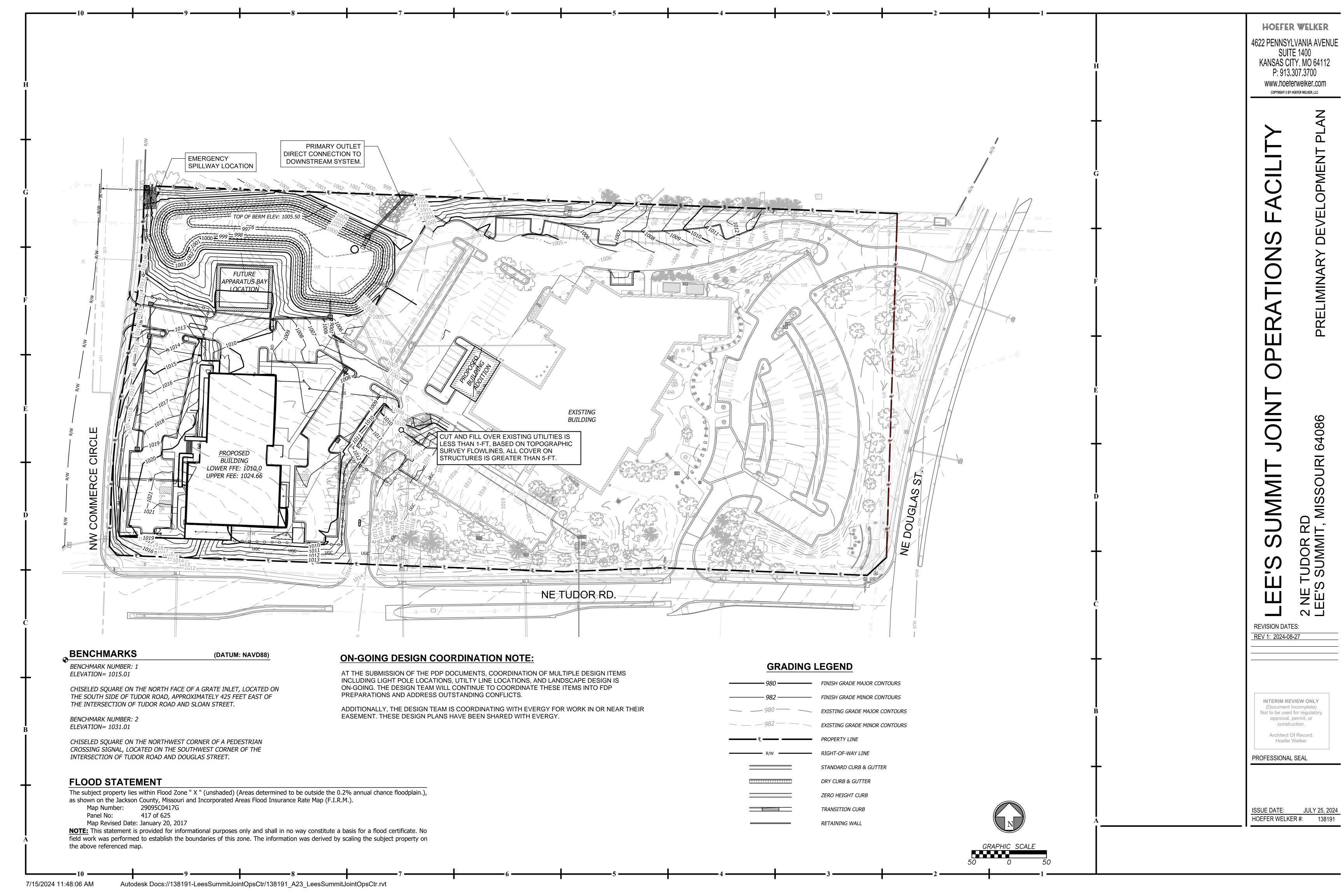
LANDSCAPE ARCHITECT

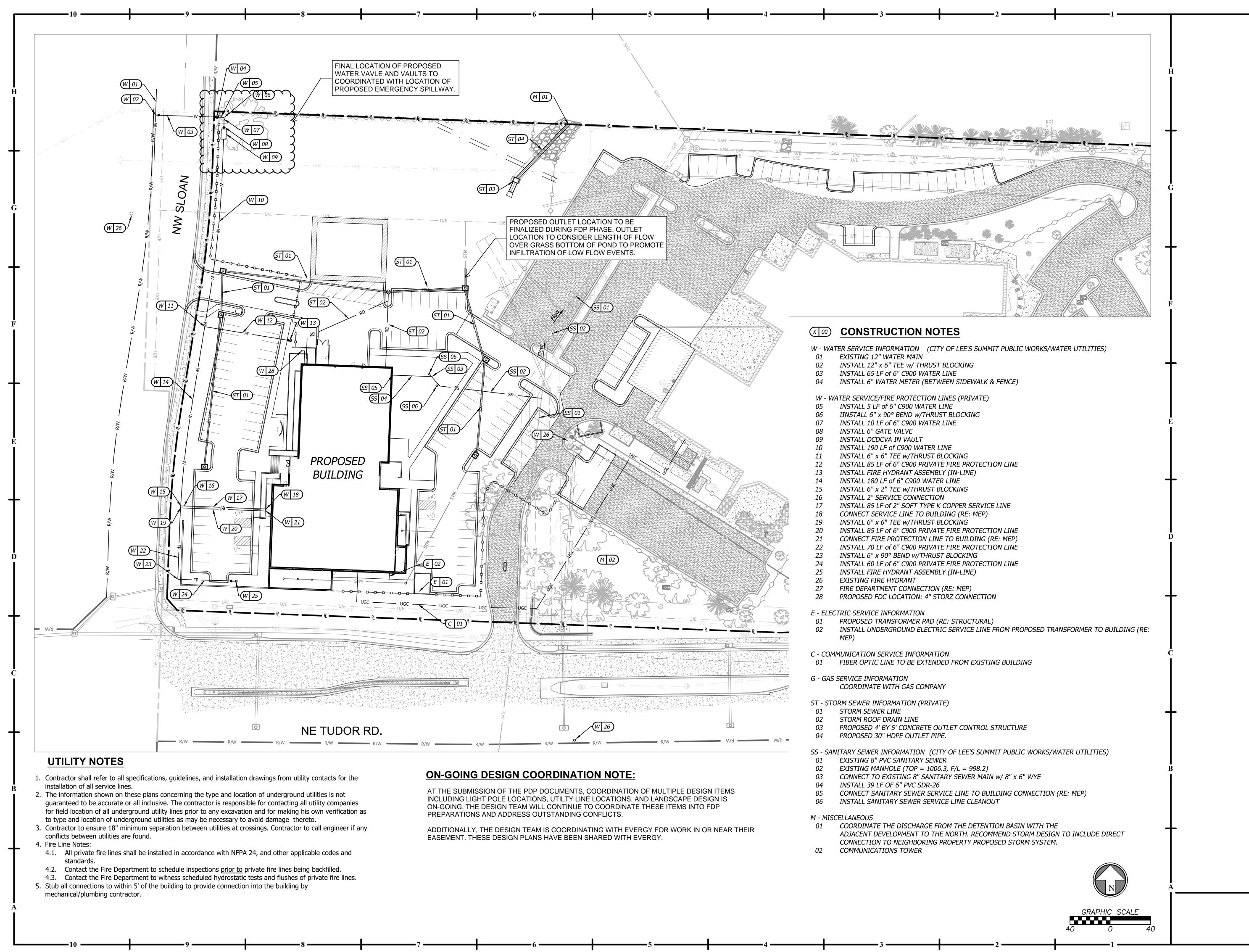
LANDWORKS STUDIO 102 S. CHERRY STREET, 2ND FLOOR OLATHE, KS 66061



Autodesk Docs://138191-LeesSummitJointOpsCtr/138191_A23_LeesSummitJointOpsCtr.rvt







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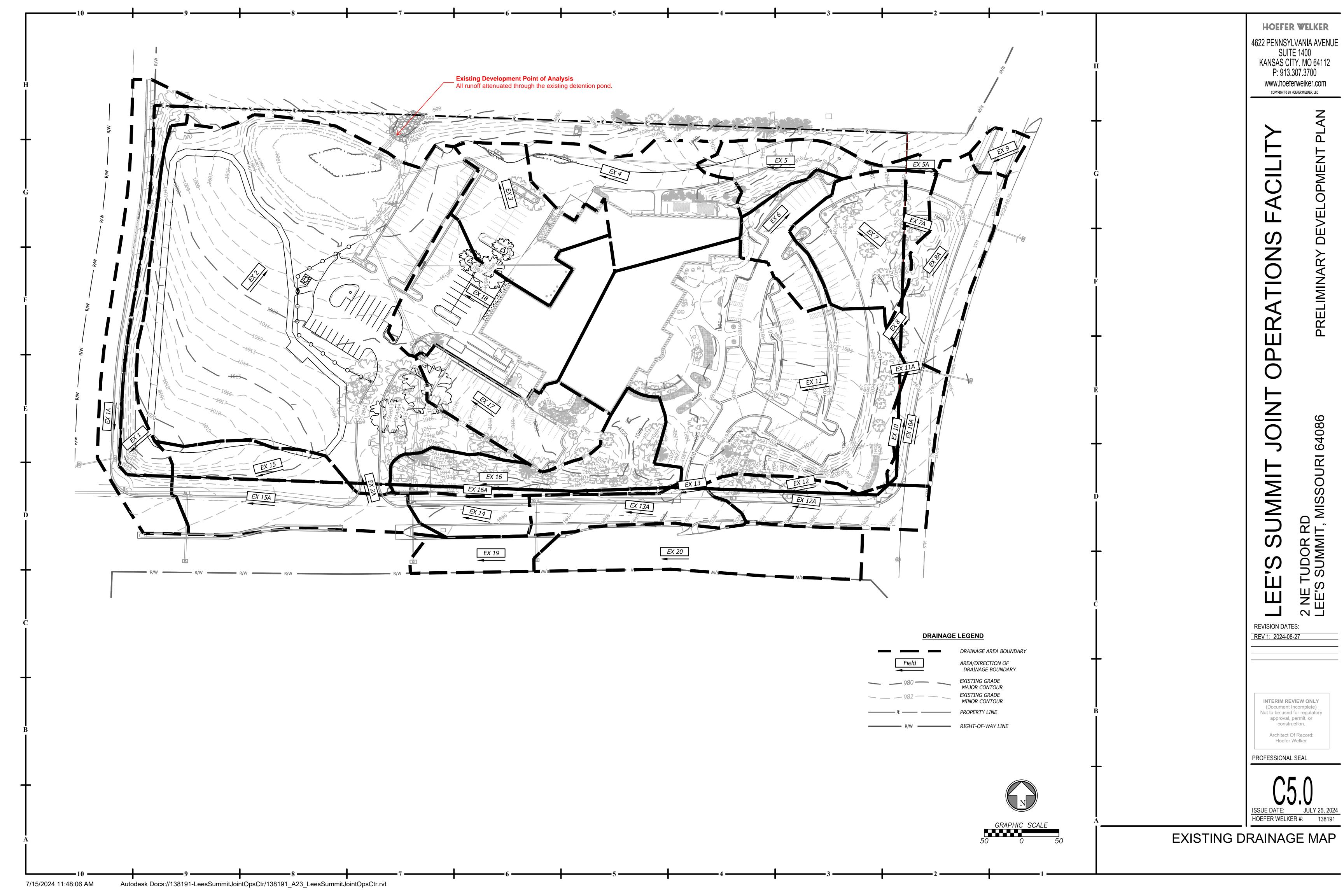
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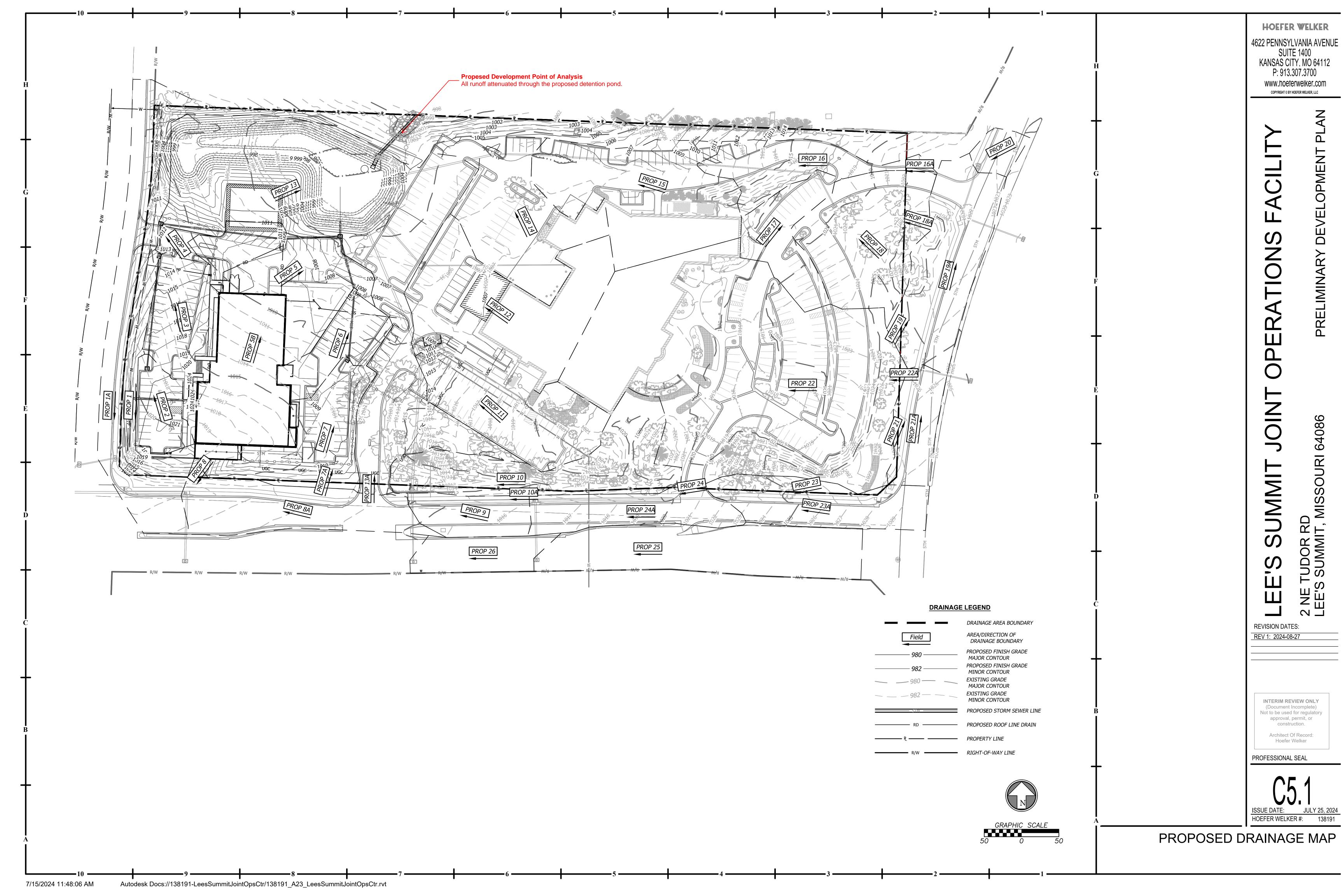
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UTILITY PLAN

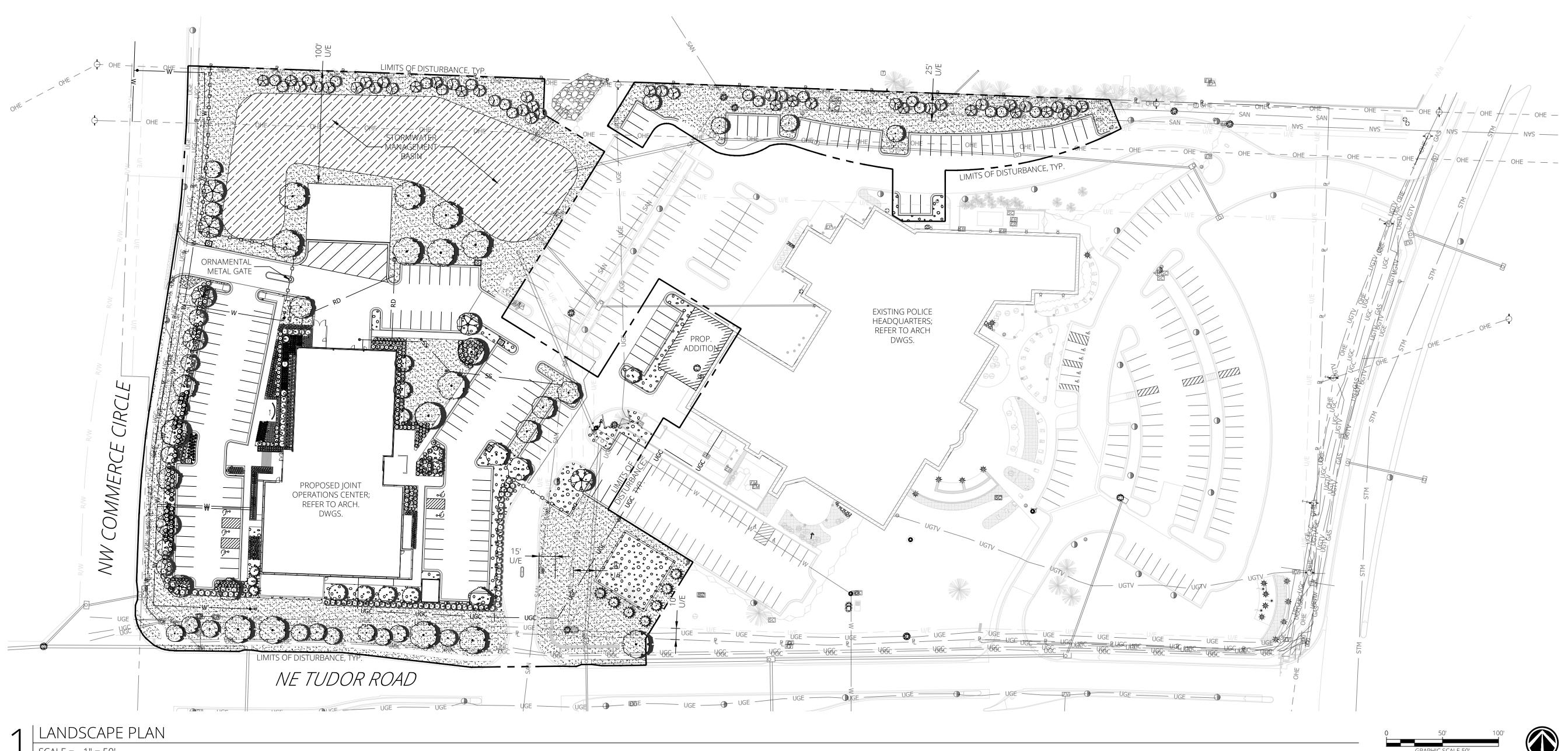




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LANDSCAPE PLAN



LANDSCAPE CODE SUMMARY

STREET FRONTAGE TREES (8.790.A.1)

REQUIRED: 1 TREE PER 30 FEET OF STREET FRONTAGE NE TUDOR ROAD = 438 FEET / 30 = 15 TREES NW COMMERCE CIRCLE = 502 FEET / 30 = 17 TREES

PROVIDED: NE TUDOR ROAD = 15 TREES NW COMMERCE CIRCLE = 17 TREES

STREET FRONTAGE SHRUBS (8.790.A.2)

REQUIRED: 1 SHRUB PER 20 FEET OF STREET FRONTAGE NE TUDOR ROAD = 314 FEET / 20 = 16 SHRUBS NW COMMERCE CIRCLE = 502 FEET / 20 = 26 SHRUBS

PROVIDED: NE TUDOR ROAD = 23 SHRUBS NW COMMERCE CIRCLE = 40 SHRUBS

OPEN YARD SHRUBS (8.790.B.1)

REQUIRED: 2 SHRUBS PER 5,000 SQUARE FEET OF TOTAL LOT AREA 241,175 SF / 5,000 * 2 = 96 SHRUBS

PROVIDED: 239 SHRUBS

OPEN YARD TREES (8.790.B.3)

REQUIRED: 1 TREE PER 5,000 SQUARE FEET OF TOTAL LOT AREA 241,175 SF / 5,000 = 48 TREES

PROVIDED: 48 TREES

PARKING LOT SCREENING (8.820.C.1)

REQUIRED: HEDGE OF 12 SHRUBS / 40 LINEAR FEET 392 LINEAR FEET / 40 * 12 = 118 SHRUBS

PROVIDED: 118 SHRUBS

MINIMUM BUFFER / SCREEN (8.890)

REQUIRED: NORTHWEST = MEDIUM IMPACT SCREEN - TYPE B

1 SHADE TREE PER 1,000 SQUARE FEET = 6 SHADE TREES 1 ORNAMENTAL TREE PER 500 SQUARE FEET = 12 ORNAMENTAL TREES

1 EVERGREEN TREE PER 300 SQUARE FEET = 20 EVERGREEN TREES 1 SHRUB PER 200 SQUARE FEET = 30 SHRUBS

PROVIDED: 30 SHRUBS

REQUIRED: NORTHEAST = LOW IMPACT SCREEN - TYPE B

1 SHADE TREE PER 1,000 SQUARE FEET = 6 SHADE TREES 1 ORNAMENTAL TREE PER 500 SQUARE FEET = 12 ORNAMENTAL TREES

1 EVERGREEN TREE PER 500 SQUARE FEET = 20 EVERGREEN TREES

1 SHRUB PER 500 SQUARE FEET = 30 SHRUBS

PROVIDED: 30 SHRUBS

LANDSCAPE NOTES

- 1. CONTRACTOR SHALL LOCATE ALL UTILITIES BEFORE COMMENCING WORK. CONTACT THE MISSOURI ONE CALL SYSTEM AT 1-800-DIG-RITE OR 811 TO FILE A LOCATE REQUEST PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE TO UTILITIES RESULTING FROM
- LANDSCAPE OPERATIONS. ANY UTILITIES SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY AND MAY OR MAY NOT DEPICT THE ACTUAL LOCATION OF SERVICES. 2. QUANTITIES OF MATERIALS SHOWN ON THE LANDSCAPE PLAN TAKE PRECEDENCE OVER QUANTITIES SHOWN ON THE PLANT SCHEDULE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON THE LANDSCAPE PLAN PRIOR TO BIDDING.
- 3. REPORT ANY DISCREPANCIES IN THE LANDSCAPE PLAN TO THE LANDSCAPE ARCHITECT, PRIOR TO PURCHASING MATERIALS OR STARTING CONSTRUCTION.
- 4. ALL DISTURBED AREAS NOT COVERED BY BUILDING OR PAVEMENT SHALL BE BROUGHT TO FINISH GRADE AND SODDED IN TURF-TYPE TALL FESCUE OR OTHER APPROPRIATE GROUND COVERS, AS DEPICTED ON SHEET L1.01.
- 5. CONTRACTOR SHALL PROVIDE OWNER'S REPRESENTATIVE WITH SOIL TEST ANALYSIS REPORTS FOR EACH SAMPLE OF EXISTING SOIL, TOPSOIL, COMPOST, AND PLANTING SOIL MIX PRIOR TO PLANTING PREPARATION. ANALYSES SHALL BE CONDUCTED BY A QUALIFIED SOIL-TESTING LABORATORY AND INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING PARAMETERS: PARTICLE SIZE ANALYSIS (% DRY WEIGHT), USDA SOIL TEXTURE, pH AND BUFFER pH, ORGANIC CONTENT (% DRY WEIGHT), MOISTURE CONTENT (% WET WEIGHT), PHYSICAL CONTAMINANTS (% DRY WEIGHT), AND NUTRIENT LEVELS (NITROGEN, PHOSPHORUS, POTASSIUM).
- 6. ALL PLANT MATERIAL SHALL BE WELL-FORMED AND DEVELOPED IN GOOD CONDITION, HEALTHY AND DISEASE-FREE, AND BE TYPICAL OF THE SPECIES. PLANTS SHALL COMPLY WITH ACCEPTABLE STANDARDS AS SET FORTH IN THE LATEST EDITION OF THE "AMERICAN STANDARD FOR NURSERY STOCK."
- 7. PLANTS DESIGNATED AS CONTAINER GROWN SHALL HAVE BEEN GROWN IN POTS, CANS OR BOXES FOR A MINIMUM OF SIX MONTHS AND A MAXIMUM OF TWO YEARS. THESE PLANTS SHALL BE REMOVED FROM CONTAINERS BEFORE PLANTING. PLANTS THAT APPEAR ROOT-BOUND SHALL BE REJECTED.
- 8. APPLY A 3" LAYER OF 1-3" DIAMETER DECORATIVE GRAVEL OVER NONWOVEN GEOTEXTILE FABRIC IN ALL PLANTING BEDS ADJACENT TO THE BUILDING AND A 3" LAYER OF SHREDDED BARK MULCH AROUND ANY TREES OTHERWISE PLACED WITHIN TURF AREAS. IN BOTH CASES, MULCH SHOULD NOT COME IN CONTACT WITH PLANT TRUNKS OR STEMS.
- 9. ALL TURF AREAS SHALL BE SEPARATED FROM THE BUILDING FOUNDATION WALL BY AN AGGREGATE MOW STRIP 18 INCHES IN WIDTH, 6 INCHES IN DEPTH, AND CONSISTING OF 1-3" DIAMETER DECORATIVE GRAVEL.
- 10. ALL PLANTING BEDS AND AGGREGATE MOW STRIPS MUST BE SEPARATED FROM TURF AREAS WITH STEEL LANDSCAPE EDGING. PROVIDE "BORDER KING STEEL LANDSCAPE EDGING" MANUFACTURED BY BORDER CONCEPTS, INC., OR APPROVED EQUAL. REFER TO SHEET L1.02, DETAIL #5.
- 11. CONTRACTOR SHALL USE AN APPROVED TREE GUYING SYSTEM. TREE GUYING TO BE FLAT WOVEN POLYPROPYLENE MATERIAL, 3/4-INCH-WIDE, WITH A TENSILE STRENGTH OF 900 LBS. HOSE AND WIRE WILL NOT BE ACCEPTED. SUBJECT TO COMPLIANCE WITH THESE REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING PRODUCTS, OR APPROVED EQUAL:
 - a. "ARBORTIE GREEN" MANUFACTURED BY DEEP ROOT PARTNERS, LP
 - b. "LEONARD TREE TIE WEBBING GREEN" MANUFACTURED BY A.M. LEONARD, INC.
- 12. TURF SOD SHALL BE CERTIFIED TURF GRASS SOD COMPLYING WITH TURFGRASS PRODUCERS INTERNATIONAL'S "GUIDELINE SPECIFICATIONS FOR TURFGRASS SODDING." SOD SHALL BE TURF-TYPE TALL FESCUE HARVESTED FROM A SOD FARM LOCATED WITHIN 100 MILES OF THE PROIECT SITE. SOD SHALL BE WELL ROOTED, 2-YEAR OLD STOCK HARVESTED IN ROLLS AND FERTILIZED 2-3 WEEKS PRIOR TO CUTTING. ALL SOD SHALL BE MACHINE CUT AND VIGOROUSLY GROWING (NOT DORMANT). MAXIMUM TIME FROM STRIPPING TO PLANTING SHALL BE 24 HOURS. THE SOD SHALL CONTAIN A GROWTH OF NOT MORE THAN TEN (10%) PERCENT OF OTHER GRASSES AND CLOVERS, SHALL BE FREE FROM ALL PROHIBITED AND NOXIOUS WEEDS AND SHALL BE THREE-FOURTHS (¾") INCH TO ONE AND
- 13. THE CONTRACTOR SHALL PROVIDE ALL WATER, WATERING DEVICES AND LABOR NEEDED TO IRRIGATE PLANT MATERIALS UNTIL PROVISIONAL ACCEPTANCE OF THE PROJECT. THE CONTRACTOR SHALL SUPPLY ENOUGH WATER TO MAINTAIN THE PLANT'S HEALTHY CONDITION.

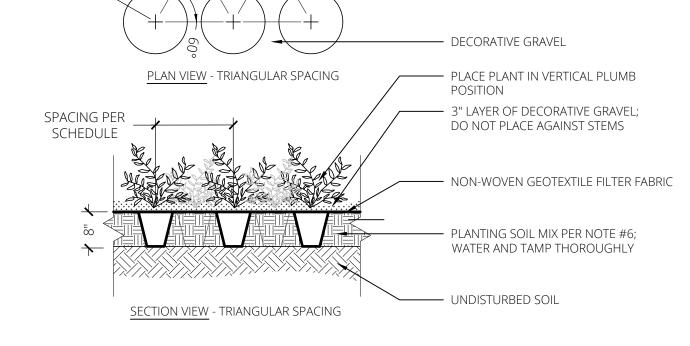
ON-FOURTH (1- ¼") INCH THICK. SOD SHALL BE CUT IN STRIPS NOT LESS THAN 18 INCHES WIDE AND THREE (3) FEET LONG.



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| EVERGREEN TREE PLANTING

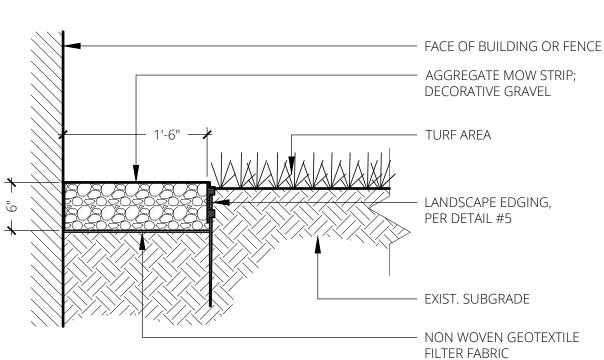
SPACING PER SCHEDULE



✓ PERENNIAL PLANTING SCALE = 1/2" = 1'-0"

— SPREAD —

SCALE = 1/4" = 1'-0"



FACE OF BUILDING OR FENCE

6 AGGREGATE MOW STRIP

SCALE = 1" 1'-0"



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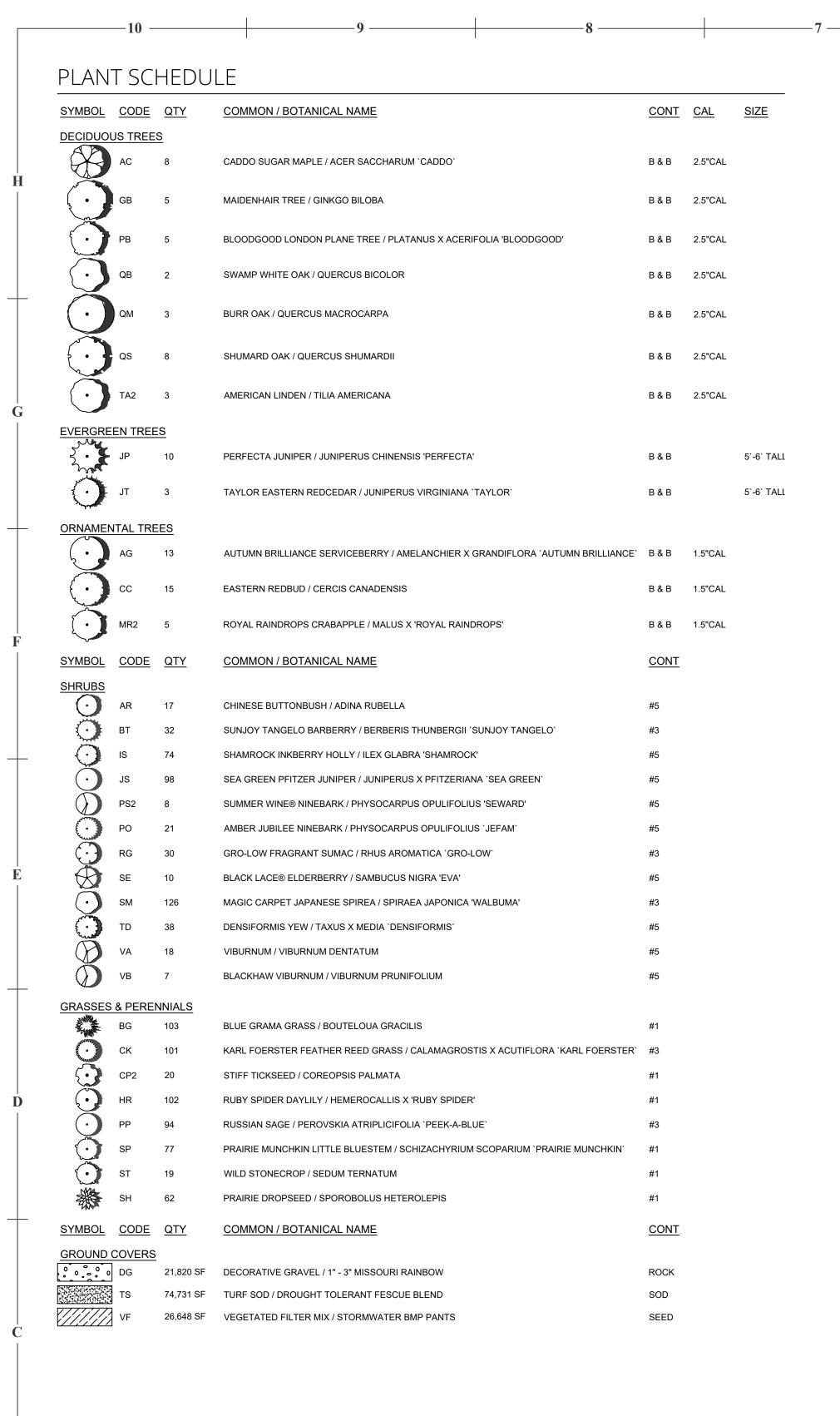
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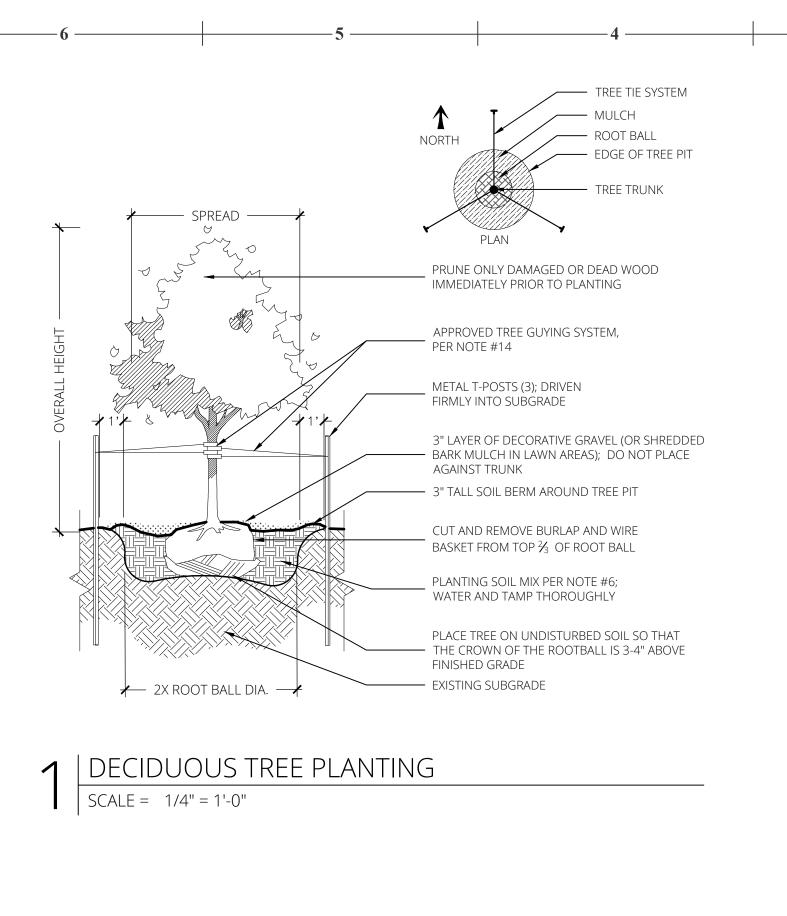
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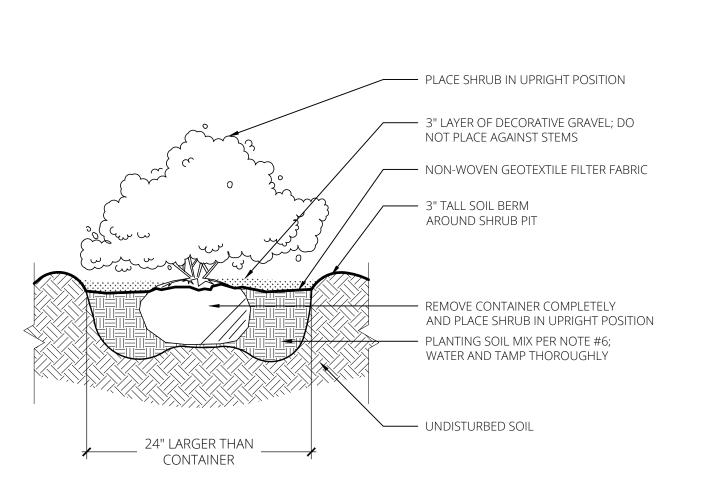
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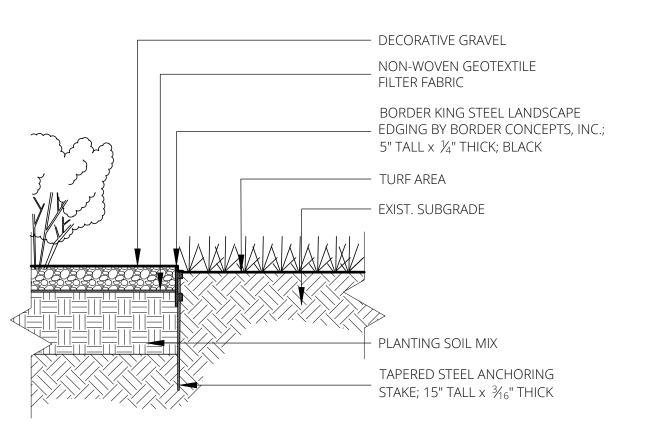
LANDSCAPE SCHEDULE & DETAILS





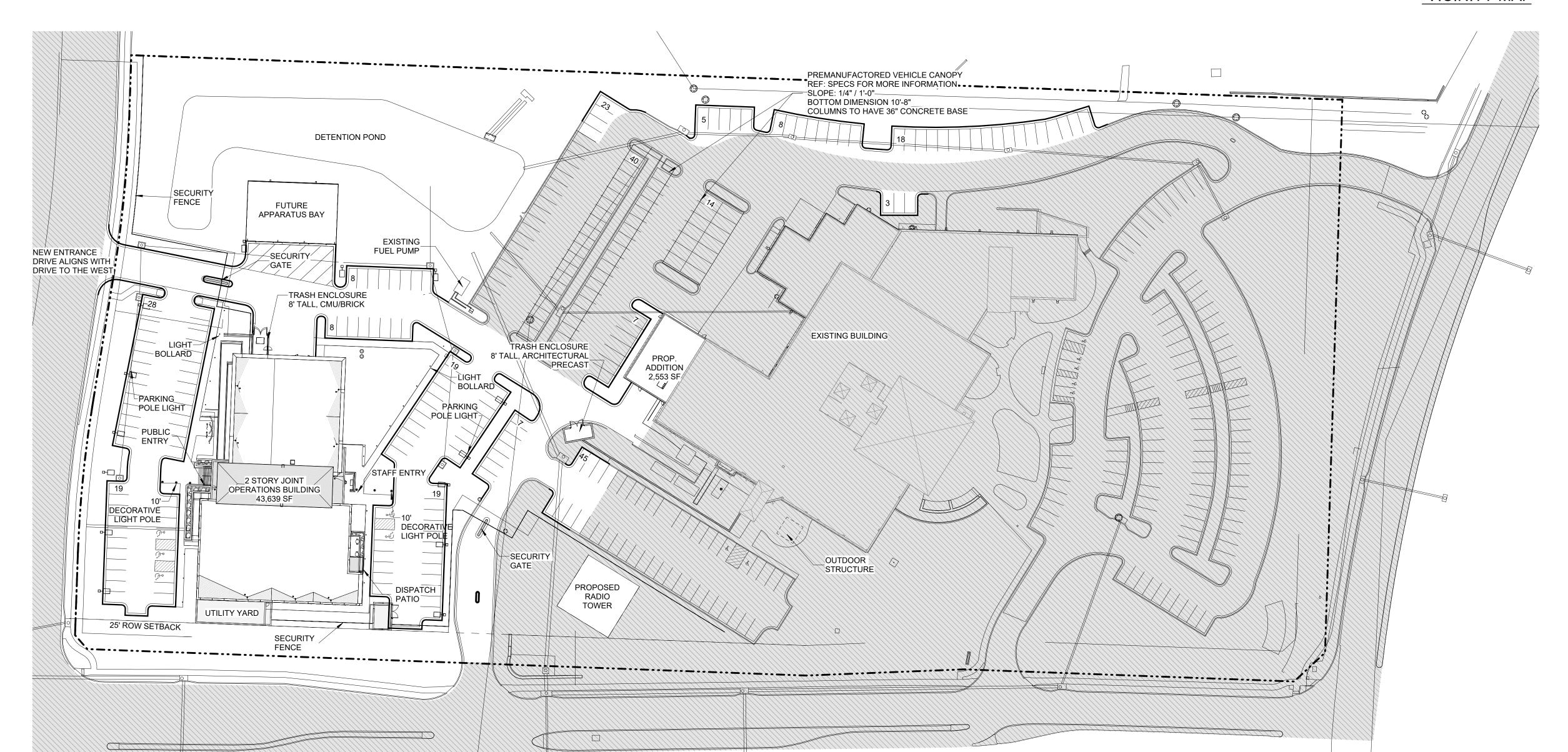


3 | SHRUB PLANTING | SCALE = 1/2" = 1'-0"



5 | LANDSCAPE EDGING | SCALE = 1" = 1'-0"

VICINITY MAP



ARCHITECTURAL SITE PLAN
1" = 50'-0"

NOTE: ALL EXTERIOR LIGHTING SHALL COMPLY WITH THE STANDARDS UNDER ARTICLE 8 OF THE CITY'S UNIFED DEVELOPMENT ORDINANCE (UDO) SECTIONS 8.220, 8.230, 8.250, 8.260, AND 8.270

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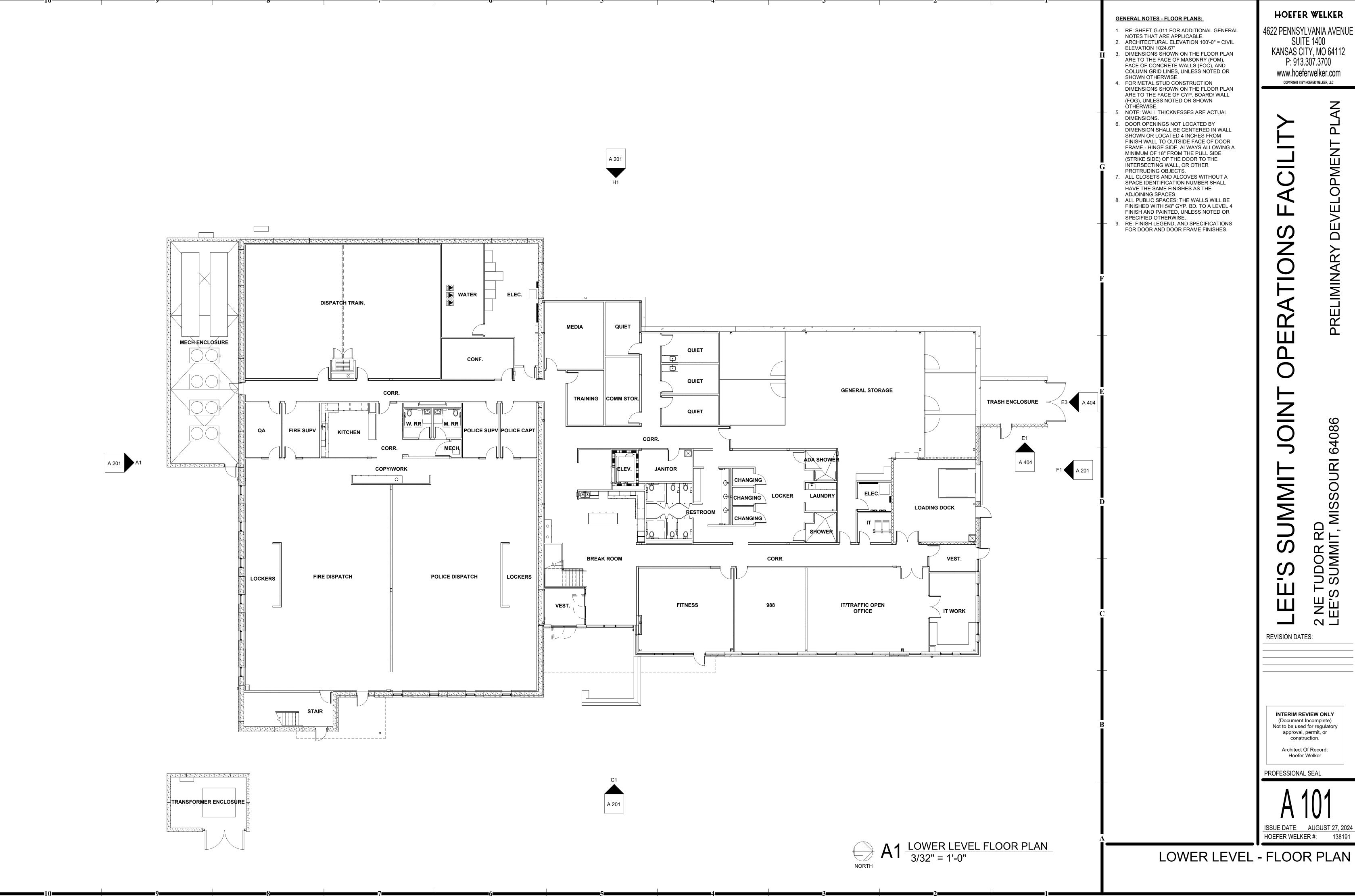
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ARCHITECTURAL SITE PLAN



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1. RE: SHEET G-011 FOR ADDITIONAL GENERAL NOTES THAT ARE APPLICABLE. 2. ARCHITECTURAL ELEVATION 100'-0" = CIVIL

3. DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF MASONRY (FOM). FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.

4. FOR METAL STUD CONSTRUCTION DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF GYP. BOARD/ WALL (FOG), UNLESS NOTED OR SHOWN

5. NOTE: WALL THICKNESSES ARE ACTUAL

6. DOOR OPENINGS NOT LOCATED BY DIMENSION SHALL BE CENTERED IN WALL SHOWN OR LOCATED 4 INCHES FROM FINISH WALL TO OUTSIDE FACE OF DOOR FRAME - HINGE SIDE, ALWAYS ALLOWING A MINIMUM OF 18" FROM THE PULL SIDE (STRIKE SIDE) OF THE DOOR TO THE INTERSECTING WALL, OR OTHER PROTRUDING OBJECTS.

7. ALL CLOSETS AND ALCOVES WITHOUT A SPACE IDENTIFICATION NUMBER SHALL HAVE THE SAME FINISHES AS THE ADJOINING SPACES.

8. ALL PUBLIC SPACES: THE WALLS WILL BE FINISHED WITH 5/8" GYP. BD. TO A LEVEL 4 FINISH AND PAINTED, UNLESS NOTED OR SPECIFIED OTHERWISE.

9. RE: FINISH LEGEND, AND SPECIFICATIONS FOR DOOR AND DOOR FRAME FINISHES.

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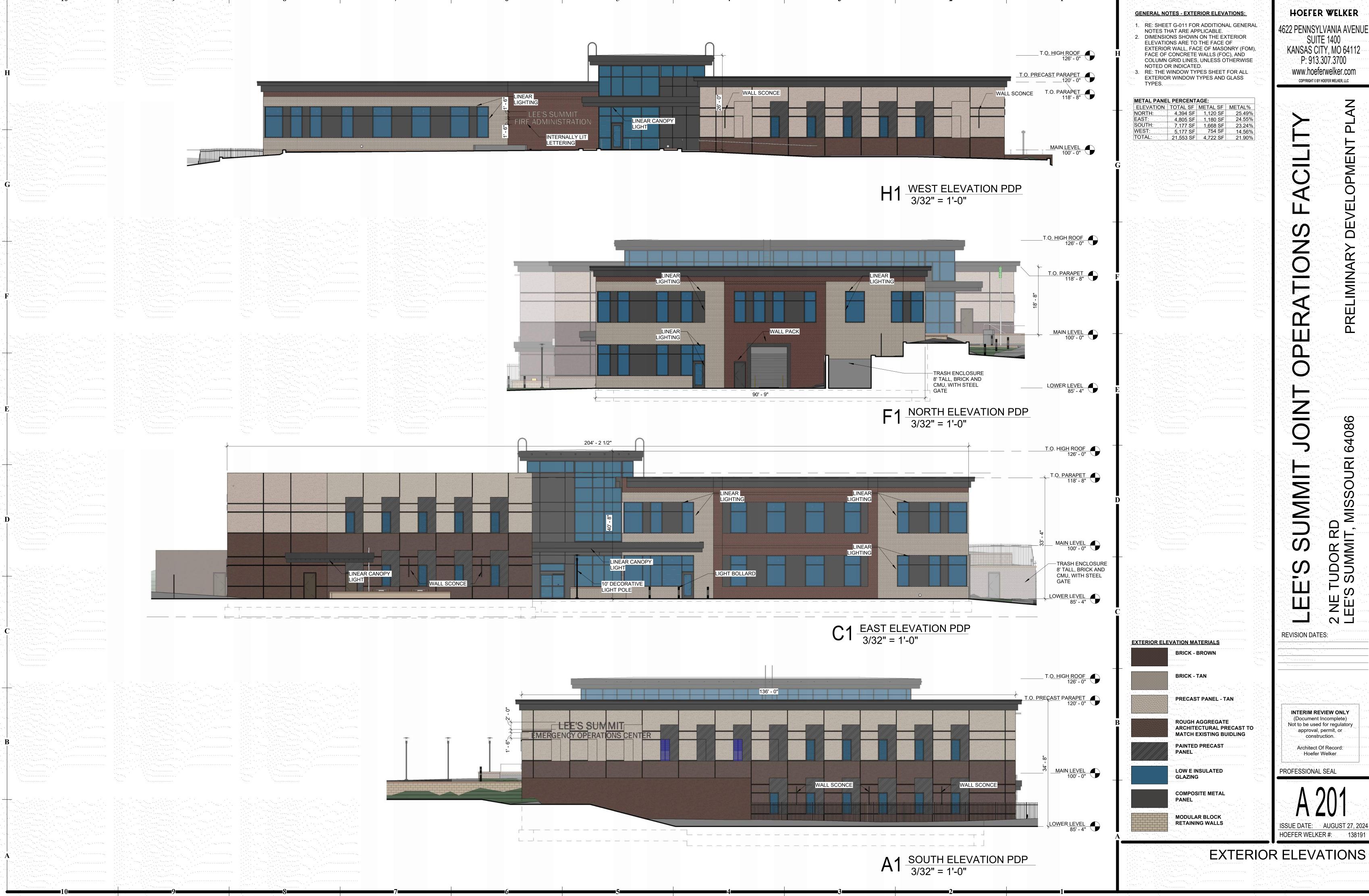
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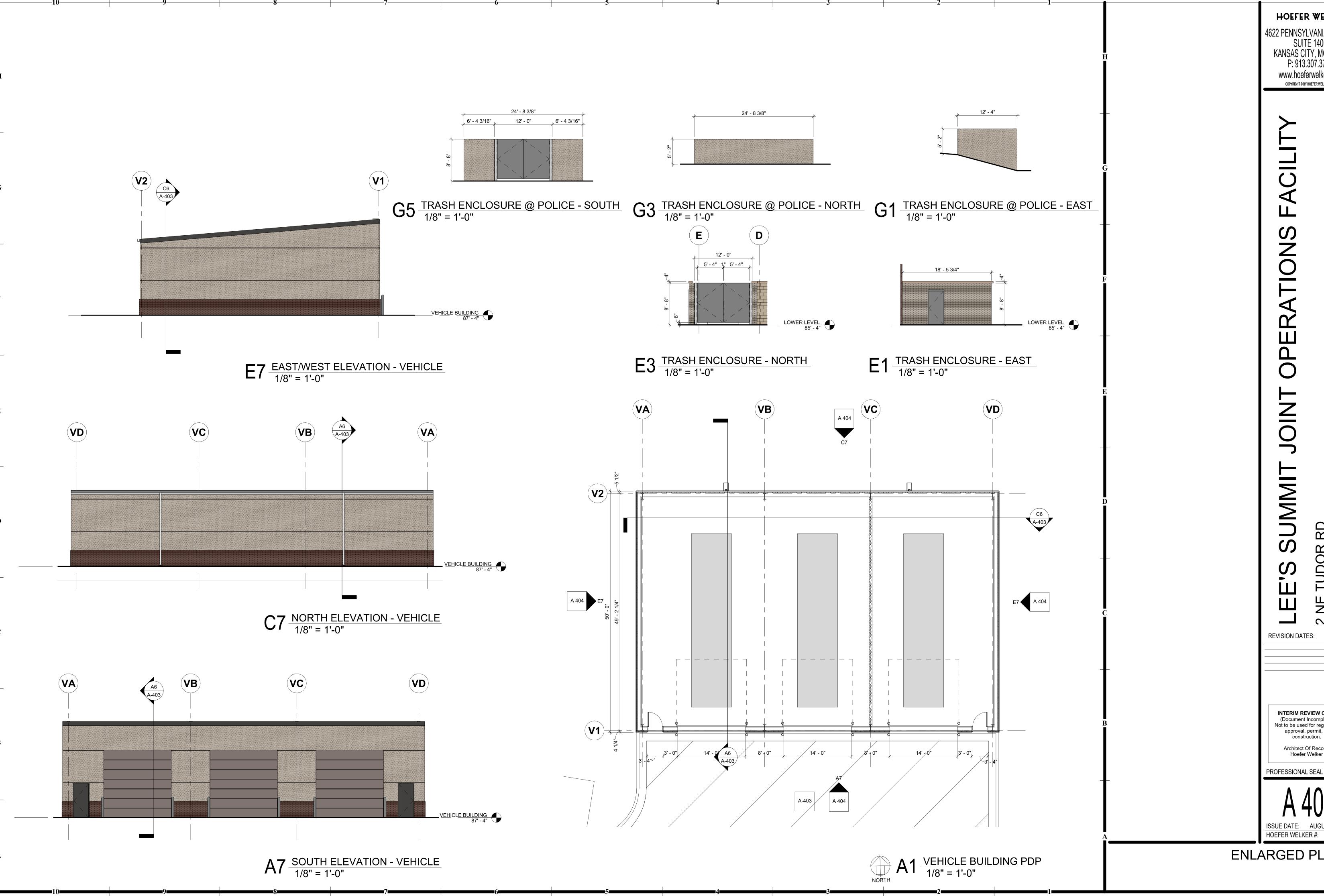
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MAIN LEVEL - FLOOR PLAN





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ENLARGED PLANS