

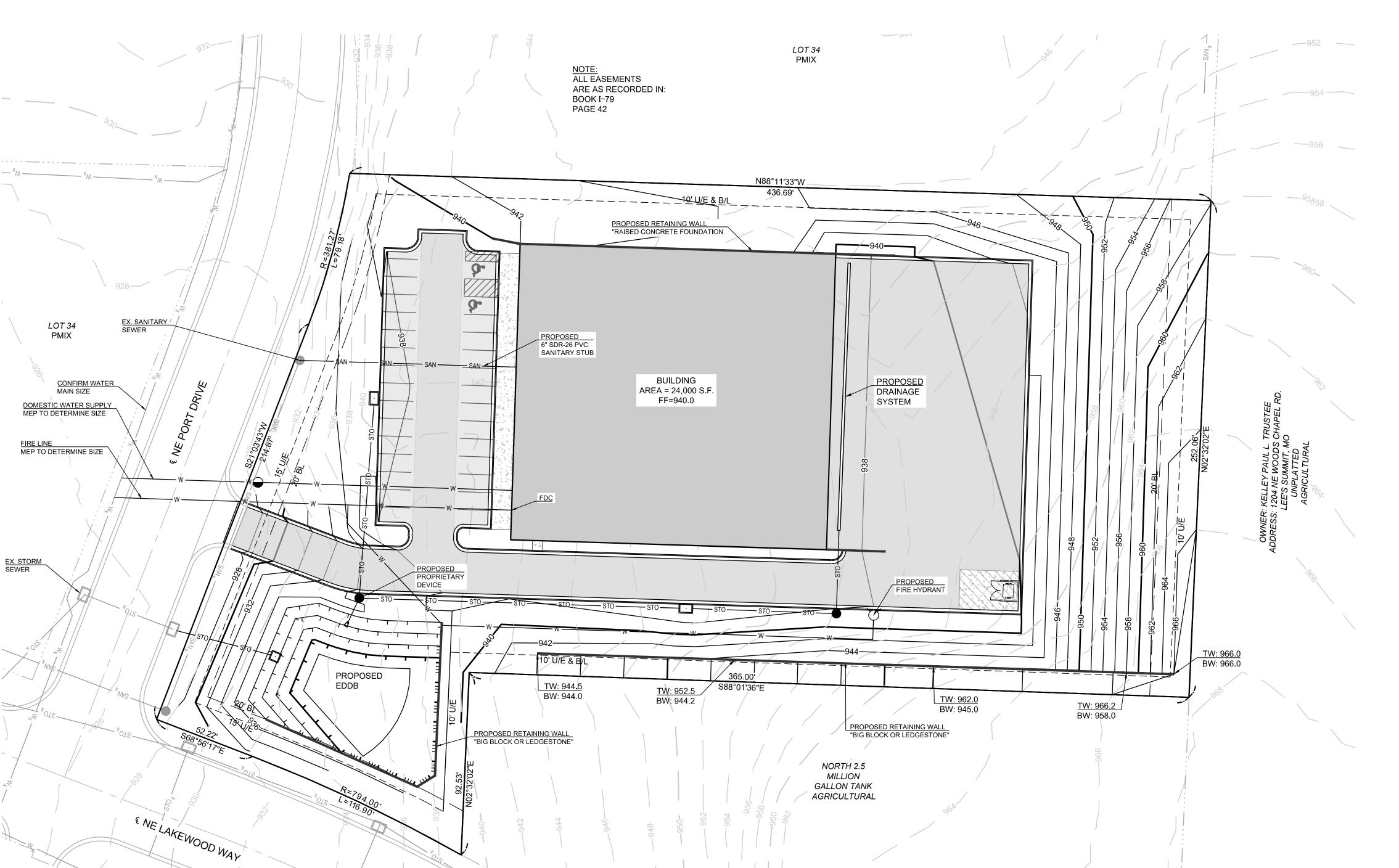
LAKEWOOD BUSINES PRELIMINARY DEVEL 410 EE'S

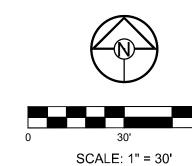
SITE PLAN

SHEET

GRADING NOTES:

- NO EDGE DRAINS OR UNDERDRAINS ARE INDICATED BEHIND THE CURBS. OWNER SHOULD CONSIDER THE INSTALLATION OF UNDERDRAINS DUE TO THE IRRIGATION OF GREENSPACE AREAS OF THE SITE.
- RECOMMEND A GEOTECHNICAL ENGINEER REVIEW ALL EARTHWORK ACTIVITY TO MAKE SURE RECOMMENDATIONS IN GEOTECHNICAL REPORT ARE FOLLOWED.
- 3. PRIOR TO PLACEMENT OF CURB AND GUTTER AND PAVEMENT, GEOTECHNICAL ENGINEER MUST APPROVE SUBGRADE IN WRITTEN FORM TO THE OWNER AND PROJECT ENGINEER.
- 4. ALL UTILITY INSTALLATIONS UNDER PAVED AREAS MUST BE COMPACTED AS PER THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER AND/OR GEOTECHNICAL REPORT.
- 5. ALL CONSTRUCTION SHALL COMPLY WITH THE CITY OF LEE'S SUMMIT TECHNICAL SPECIFICATIONS.
- 6. EXISTING TOPOGRAPHY SHOWN AS ESTABLISHED FROM BASE SURVEY PREPARED BY SUMMIT SURVEY COMPANY VERIFY GRADES PRIOR TO COMMENCEMENT OF GRADING AND CONSTRUCTION ACTIVITIES. NO ADDITIONAL MONEY WILL BE PAID FOR HAUL-IN OR HAUL-OFF OF MATERIAL.
- 7. ALL ROCK, CONCRETE, ASPHALT, TREE, BRUSH, ETC. TO BE REMOVED AS A PART OF THE PROJECT CONSTRUCTION SHALL BE DISPOSED OF BY THE GRADING CONTRACTOR AND SHALL BE A SUBSIDIARY OBLIGATION OF THE CONTRACT. THE GRADING CONTRACTOR IS ALSO RESPONSIBLE FOR ALL GRADING ON THE SITE INCLUDING THE MANIPULATION OF THE EXCESS DIRT MATERIAL THAT WAS LEFT ALONG THE SEWER TRENCHES. THE COST FOR THIS WORK WILL BE INCLUDED IN THE LUMP SUM FEE FOR GRADING.
- 8. ENTIRE PROJECT SHALL BE LEFT IN A MOWABLE CONDITION. ALL DISTURBED AREAS SHALL BE SEEDED & MULCHED AS PER PROJECT REQUIREMENTS. ALL DISTURBED AREAS WITHIN THE PUBLIC STREET RIGHT-OF-WAY SHALL BE SODDED IN COMPLIANCE WITH THE CITY OF LEE'S SUMMIT TECHNICAL SPECIFICATIONS AND MUNICIPAL CODE.
- 9. THE CONTRACTOR SHALL PROVIDE FOR POSITIVE DRAINAGE AWAY FROM BUILDINGS AND SIDEWALKS AT ALL TIMES.
- 10. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS. ANY PROPERTY CORNERS DISTURBED OR DAMAGED BY GRADING ACTIVITIES SHALL BE RESET BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF MISSOURI, AT THE CONTRACTOR'S EXPENSE.





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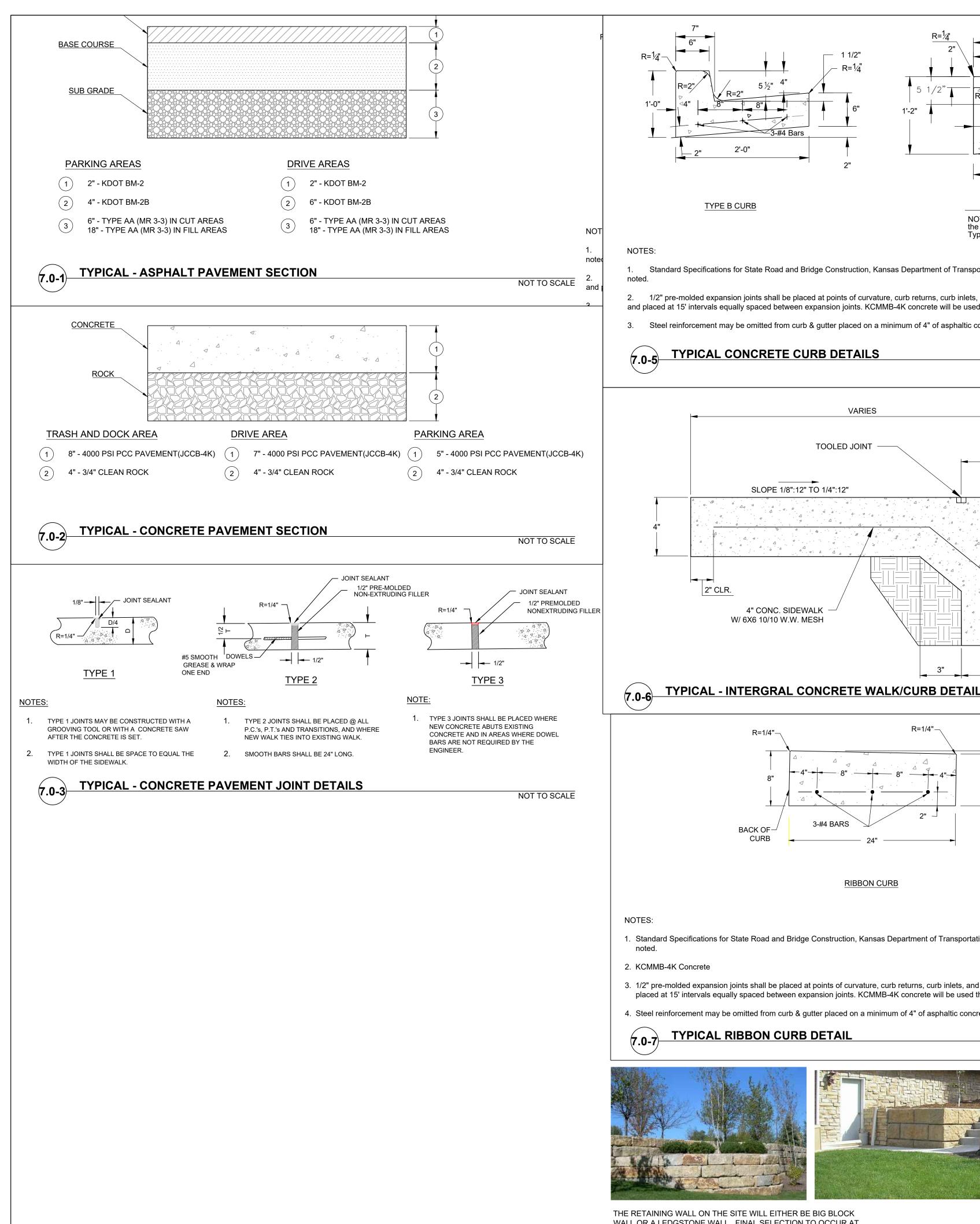
LAKEWOOD BUSINESS PARK - LOT 35
PRELIMINARY DEVELOPMENT PLANS
4101 NE LAKEWOOD WAY LEE'S SUMMIT,

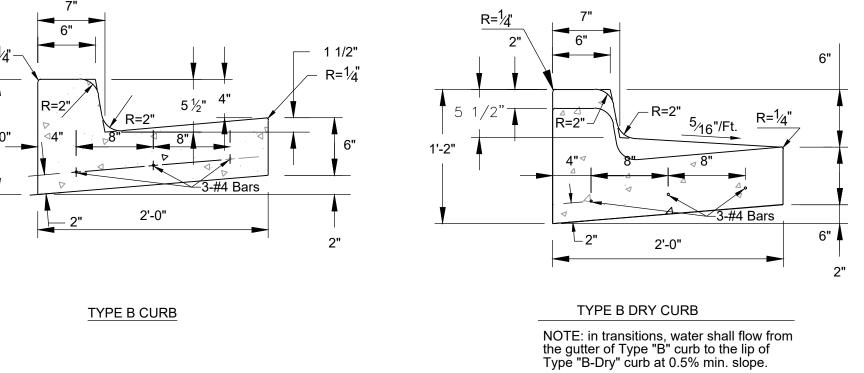
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GRADING PLAN

SHEET

2



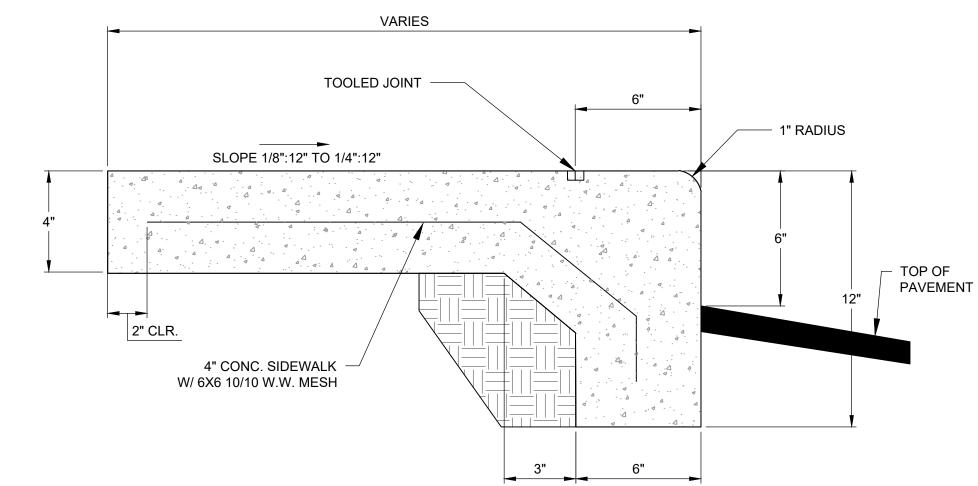


Standard Specifications for State Road and Bridge Construction, Kansas Department of Transportation, latest edition, are incorporated except as otherwise

1/2" pre-molded expansion joints shall be placed at points of curvature, curb returns, curb inlets, and at 250' centers. Contraction joints shall be 2" deep, and placed at 15' intervals equally spaced between expansion joints. KCMMB-4K concrete will be used throughout unless noted otherwise.

Steel reinforcement may be omitted from curb & gutter placed on a minimum of 4" of asphaltic concrete.

NOT TO SCALE



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NOT TO SCALE

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WALL OR A LEDGSTONE WALL. FINAL SELECTION TO OCCUR AT FINAL PLAN.

VARIABLE R.O.W. LINE SLOPE: 1.0-2.0% **TOWARDS CURB**

NOTES:

JOINTS SHALL BE FORMED AT RIGHT ANGLES TO THE ALIGNMENT OF THE SIDEWALK AND TO THE DEPTHS INDICATED BELOW.

2. THE SIDEWALK SHALL BE MARKED OFF INTO SQUARE STONES BY CONTRACTION JOINTS. CONTRACTION JOINTS SHALL BE ONE-EIGHTH (1/8) INCH WIDE BY ONE (1) INCH DEEP AND MAY BE FORMED BY TOOLING OR BY USE OF A CONCRETE SAW.

3. EXPANSION JOINTS SHALL BE FORMED BY A ONE-HALF (1/2) INCH THICK PREFORMED JOINT FILLER, EXTENDING THE FULL DEPTH OF THE SLAB, AND SECURED SO THAT THEY ARE NOT MOVED BY DEPOSITING AND COMPACTING THE CONCRETE AT THESES JOINTS. 3/4" JOINT FILLER WILL BE USED WHEN SPACING EXCEEDS 100'.

EXPANSION JOINTS SHALL BE PLACED WHERE SIDEWALK ABUTS OTHER STRUCTURES AND SHALL NOT BE SPACED MORE THAN 50 FEET APART ON STRAIGHT RUNS FOR HAND LAID SIDEWALK AND NOT MORE THAN 200 FEET APART ON STRAIGHT RUNS FOR MACHINE LAID SIDEWALKS.

<u>TYPICAL CONCRETE SIDEWALK DETAIL</u>

NOT TO SCALE



35

LAKEWOOD BUSINESS PRELIMINARY DEVEL

SUMMIT

LAKEW

101

AGEL

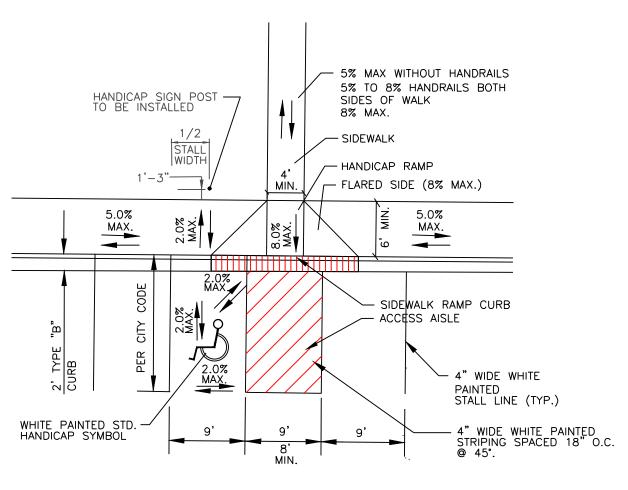
\$100 FINI PAINT 'TRAFFIC YELLOW' HANDICAPPED PARKING SYMBOL

HANDICAP SIGN (SEE PLAN FOR LOCATION)

NOTE:SYMBOL TO BE CENTERED IN PARKING SPACE AND ORIENTED AS ILLUSTRATED ON PLANS.

HANDICAP SYMBOL & SIGNAGE DETAILS

NOT TO SCALE



TYPICAL VAN ACCESSIBLE SPACE AND ACCESS AISLE

NOT TO SCALE

DETAIL SHEET

SHEET

PLAN REVIEW/BID SET

Koreanspice Viburnum

5 gal.

Cont.

NOTES:

1. UTILITY INFORMATION SHOWN IS DESIGNED LOCATION OR LOCATIONS BASED ON UTILITY LOCATES. AS BUILT LOCATIONS MAY VARY. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO COMMENCING LANDSCAPE INSTALLATION. NOTIFY THE LANDSCAPE ARCHITECT OF ANY CONFLICTS OR OBSTRUCTIONS.

2. QUANTITIES INDICATED ON THE PLAN ARE FOR CONVENIENCE ONLY. CONTRACTOR SHALL VERIFY ALL PLANT QUANTITIES PRIOR TO PLANTING. NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. THE PLAN QUANTITIES AND NUMBER OF SYMBOLS SHALL SUPERSEDED QUANTITIES IN THE SCHEDULE

3. ALL PLANT MATERIAL SHALL COMPLY WITH THE CITY OF LEE'S SUMMIT STANDARDS AND ANSI A60.1 THE AMERICAN STANDARD FOR NURSERY STOCK.

4. ALL TREES SHALL MEET THE SIZE REQUIREMENTS OF THE LEE'S SUMMIT ORDINANCE. ALL TREES SHALL BE CALLIPERED AND UNDERSIZED TREES SHALL BE REJECTED. 5. ALL SHRUBS TO BE UTILIZED FOR SCREENING SHALL BE 24" HEIGHT AT TIME OF PLANTING.

6. ALL PLANTING BEDS CONTAINING SHRUBS, GROUND COVER, PERENNIALS, ANNUALS SHALL BE IN A PLANTING BED WITH 3" MIN. DEPTH OF MULCH AND A "V-CUT" EDGE.

7. ALL TREES SHALL HAVE A MIN. 3 FT. DIA. AREA THAT HAS 3" MIN. DEPTH OF WOOD MULCH.

8. ALL TURF AREAS SHALL BE SODDED UNLESS INDICATED ON THE PLANS. 9. ANY DEVIATION FROM THE APPROVED LANDSCAPE PLAN SHALL REQUIRE WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT AND THE CITY OF LEE'S SUMMIT, PRIOR TO INSTALLATION. 10. THE LANDSCAPE ARCHITECT AND OWNER SHALL APPROVE GRADES AND CONDITION OF SITE PRIOR TO

SODDING OPERATIONS. 11. INSTALLATION AND MAINTENANCE OF LANDSCAPING SHALL COMPLY WITH THE CITY OF LEE'S SUMMIT STANDARDS 12. ALL PLANT MATERIAL SHALL BE INSTALLED TO ALLOW A MINIMUM CLEARANCE BETWEEN PLANT AND

AT ALL PARKING ISLANDS AND PERIMETERS. 13. AFTER COMPLETE INSTALLATION OF ALL PLANT MATERIAL AND SOD THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT THAT THE WORK IS COMPLETE AND READY FOR REVIEW. THE LANDSCAPE ARCHITECT SHALL REVIEW THE LANDSCAPE INSTALLATION TO DETERMINE COMPLIANCE WITH THE APPROVED PLANS. WHEN THE LANDSCAPE INSTALLATION MEETS THE REQUIREMENTS OF THE APPROVED PLAN, THE LANDSCAPE ARCHITECT SHALL PROVIDE A SIGNED AND SEALED LETTER TO THE CITY STATING

ADJACENT PAVEMENT OF 1 FT. FOR PERENNIALS AND GROUNDCOVER AND 1.5 FT. FOR SHRUBS. A 2 FT.

CLEARANCE(4 FEET FROM BACK OF CURB TO THE CENTER OF SHRUB)FOR CAR OVERHANG IS REQUIRED

THAT ALL LANDSCAPE PLANTINGS HAVE BEEN INSTALLED PER THE APPROVED PLAN. 14. ALL EXTERIOR GROUND OR BUILDING MOUNTED EQUIPMENT (MECHANICAL, ELECTRICAL AND/OR TELEPHONE CABINETS), TRANSFORMERS, AIR CONDITIONING UNITS, ETC. SHALL BE SCREENED FROM PUBLIC VIEW BY INSTALLING FIVE SEA GREEN JUNIPERS EVENLY SPACED AROUND THE PERIMETER. FINAL LOCATION OF ANY EQUIPMENT SHALL BE DETERMINED AND VERIFIED WITH THE FINAL DESIGN AND

PERMITTING OF THE PROJECT. 15. ALL ROOFTOP EQUIPMENT SHALL BE SCREENED FROM PUBLIC VIEW WITH AN ARCHITECTURAL TREATMENT COMPATIBLE WITH THE BUILDING AND INTEGRAL TO THE OVERALL APPEARANCE OF THE LANDSCAPE DATA LOT 1 ONLY

STREET FRONTAGE LANDSCAPE

LAKEWOOD WAY TREES REQUIRED(1 PER 30')(160.55'/30') LAKEWOOD WAY TREES PROVIDED

PORT DRIVE TREES REQUIRED(1 PER 30')(286.13'/30') PORT DRIVE TREES PROVIDED LAKEWOOD WAY SHRUBS REQUIRED(1 PER 20')(160.55'/20')

LAKEWOOD WAY SHRUBS PROVIDED PORT DRIVE SHRUBS REQUIRED(1 PER 20')(286.13'/20') PORT DRIVE SHRUBS PROVIDED

SITE LANDSCAPE REQUIRED

14 TREES TREES REQUIRED (1 PER 5,000 S.F OF OPEN SPACE)(127630.8-57499.2/5000) 14 TREES TREES PROVIDED

SHRUBS REQUIRED (2 PER 5,000 S.F. OF LOT AREA)(292,504.83-24,500/5000X2) 28 SHRUBS 58 SHRUBS(58 FOR PARKING LOT SCREEN) SHRUBS PROVIDED

PARKING LOT LANDSCAPE

LANDSCAPE AREA REQUIRED(5% OF PARKING AREA)(9499.0X.05) LANDSCAPE AREA PROVIDED

TREES REQUIRED(1 PER ISLAND) TREES PROVIDED SCREENING(2.5 FT. HT ALONG ENTIRE FRONTAGE ADJ. TO STREET) 650.0 S.F 4 TREES 4 TREES 43 SHRUBS PARKING LOT

6 TREES

10 TREES

8 SHRUBS

15 SHRUBS

475.0 S.F

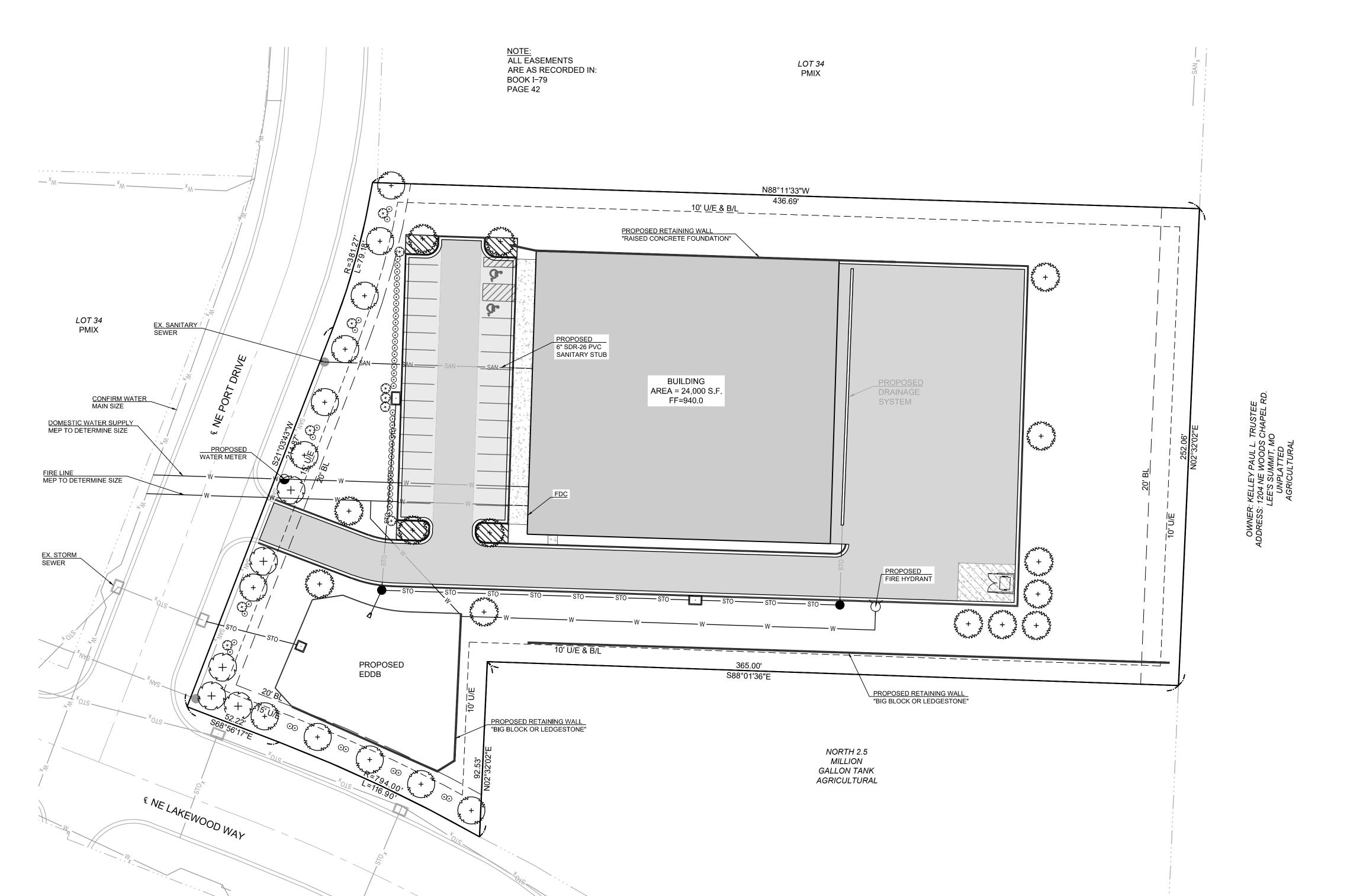
6 NEW TREES

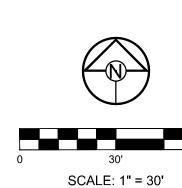
11 NEW TREES

8 SHRUBS(PARKING LOT SCREEN)

15 SHRUBS(PARKING LOT SCREEN)

LANDSCAPING BED





LAKEWOOD BUSINESS PRELIMINARY DEVEL .101 .EE.

LANDSCAPE PLAN

SHEET

OF

