LEGEND: - ACCESS EASEMENT BACK OF CURB BACK TO BACK BENCHMARK BUILDING LINE CO - CLEANOUT - TELEPHONE JUNCTION BOX - CURB AND GUTTER DRAINAGE EASEMENT - ELECTRICAL EASEMENT - ELEVATION FLOW LINE G/E GAS LINE EASEMENT - HIGH-DENSITY POLYETHYLENE LANDSCAPE EASEMENT MINIMUM SERVICEABLE FLOOR **ELEVATION** POLYVINYL CHLORIDE PROPERTY LINE - PUBLIC EASEMENT REINFORCED CONCRETE PIPE ROW or R/W - RIGHT-OF-WAY SANITARY SEWER EASEMENT SERVICE LINE - SIDEWALK TOP ELEVATION UTILITY EASEMENT WATER SURFACE ELEVATION WATERLINE EASEMENT **ASPHALT PAVEMENT - EXISTING** ASPHALT PAVEMENT - PROPOSED CONCRETE PAVEMENT - EXISTING **ASPHALT PAVEMENT - EXISTING** CONCRETE SIDEWALK - EXISTING CONCRETE SIDEWALK - PROPOSED CURB & GUTTER CURB & GUTTER - EXISTING TREELINE EXISTING LOT AND R/W LINES EXISTING PLAT LINES P/L PROPERTY LINES — SANITARY SEWER MAIN —— SANITARY SEWER MAIN - EXIST —— STO—— STORM SEWER STORM SEWER - EXISTING ---- CATV_x ---- CABLE TV - EXISTING ----- FOC_x ----- FIBER OPTIC CABLE - EXISTING ——Ty—— TELEPHONE LINE - EXIST. ELECTRIC LINE - EXISTING ---- OHP_y ---- OVERHEAD POWER LINE - EXIST ----- UGE, ----- UNDERGROUND ELECTRIC - EX. GAS LINE - EXISTING ─── W_x ─── WATERLINE - EXISTING LIGHT - EXISTING **EXISTING MANHOLE**

CLEANOUT

EXISTING SANITARY MANHOLE

EXISTING AREA INLET

EXISTING CURB INLET

EXISTING GRATE INLET

EXISTING JUNCTION BOX

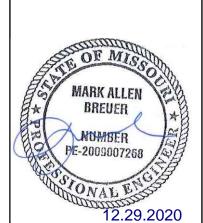
EXISTING STORM MANHOLE

PROPOSED SANITARY MANHOLE

TURN LANE IMPROVEMENTS **OAKVIEW PRIVATE INFRASTRUCTURE**

IN THE CITY OF LEE'S SUMMIT JACKSON COUNTY, MISSOURI

Sheet List Table Sheet Number Sheet Title COVER **GENERAL LAYOUT** C2.0 DEMO PLAN C3.0 TURN LANE PLAN TRAFFIC CONTROL PLAN C5.0 TRAFFIC CONTROL DETAILS PAVEMENT MARKING PLAN PAVEMENT MARKING DETAILS



CITY ENGINEER

PREPARED AND SUBMITTED BY:



SCHLAGEL & ASSOCIATES, P.A.

APPROVED FOR ONE YEAR FROM THIS DATE

OAK VIEW CAPITAL PARTNERS, LLC JONATHON D. BUCHANAN 201 HAWKS RIDGE TRAIL COLLEYVILLE, TX 76034 p (214) 460-8442

JBUCHANAN@OAKVIEWCP.COM



OWNER/DEVELOPER



APPROVED BY

PROJECT BENCHMARK:

ELEVATIONS BASED ON ALTA SURVEY BY R.L. BUFORD & ASSOCIATES PROVIDED BY OWNER. ALTA SURVEY ELEVATIONS BASED ON NATIONAL GEODETIC SURVEY MARKER NO JE1870.

ALTA SURVEY CONTROL BENCHMARK: CHISELED "=" ON NE CORNER OF CURB INLET NEAR THE SOUTHWESTERLY PROPERTY LINE OF THE PROPERTY. ELEV. 986.78'

> CONFORMING TO CONSTRUCTION RECORDS

> > DATE

EW FURN

COVER

SHEET

12-29-20

PROJECT LOCATION NW TUDOR NW CHIPMAN RD

LOCATION MAP

SCALE 1" = 2000'

EARTHWORK:

- 1. IT IS RECOMMENDED THAT A GEOTECHNICAL ENGINEER OBSERVE AND DOCUMENT ALL EARTHWORK
- CONTOURS HAVE BEEN SHOWN AT 1-FOOT OR 2-FOOT INTERVALS, AS INDICATED. GRADING SHALL CONSIST OF COMPLETING THE EARTHWORK REQUIRED TO BRING THE PHYSICAL GROUND ELEVATIONS OF THE EXISTING SITE TO THE FINISHED GRADE (OR SUB-GRADE) ELEVATIONS PROVIDED ON THE PLANS AS SPOT GRADES, CONTOURS OR OTHERS MEANS AS INDICATED ON THE PLANS.
- THE EXISTING SITE TOPOGRAPHY DEPICTED ON THE PLANS BY CONTOURING HAS BEEN ESTABLISHED BY AERIAL PHOTOGRAPHY AND FIELD VERIFIED BY G.P.S. OBSERVATION NEAR JULY 18TH. 2016. THE CONTOUR ELEVATIONS PROVIDED MAY NOT BE EXACT GROUND ELEVATIONS, BUT RATHER INTERPRETATIONS OF SUCH. ACCURACY SHALL BE CONSIDERED TO BE SUCH THAT NOT MORE THAN 10 PERCENT OF SPOT ELEVATION CHECKS SHALL BE IN ERROR BY MORE THAN ONE-HALF THE CONTOUR INTERVAL PROVIDED, AS DEFINED BY THE NATIONAL MAP ACCURACY STANDARDS. ANY QUANTITIES PROVIDED FOR EARTHWORK VOLUMES ARE ESTABLISHED USING THIS TOPOGRAPHY CONTOUR ACCURACY, AND THEREFORE THE INHERENT ACCURACY OF ANY EARTHWORK QUANTITY IS ASSUMED FROM THE TOPOGRAPHY ACCURACY PROPOSED CONTOURS ARE TO APPROXIMATE FINISHED GRADE.
- UNLESS OTHERWISE NOTED, PAYMENT FOR EARTHWORK SHALL INCLUDE BACKFILLING OF THE CURB AND GUTTER, SIDEWALK AND FURTHER MANIPULATION OF UTILITY TRENCH SPOILS. THE SITE SHALL BE LEFT IN A MOWABLE CONDITION AND POSITIVE DRAINAGE MAINTAINED THROUGHOUT.
- UNLESS OTHERWISE NOTED, ALL EARTHWORK IS CONSIDERED UNCLASSIFIED. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR ROCK OR SHALE EXCAVATION, UNLESS SPECIFICALLY STATED
- PRIOR TO EARTHWORK ACTIVITIES, PRE-DISTURBANCE EROSION AND SEDIMENT CONTROL DEVICES SHALL BE IN PLACE PER THE STORM WATER POLLUTION PREVENTION PLAN AND/OR THE EROSION AND SEDIMENT CONTROL PLAN PREPARED FOR THIS SITE.
- ALL TOPSOIL SHALL BE STRIPPED FROM ALL AREAS TO BE GRADED AND STOCKPILED ADJACENT TO THE SITE AT AN AREA SPECIFIED BY THE PROJECT OWNER OR HIS APPOINTED REPRESENTATIVE. VEGETATION TRASH, TREES, BRUSH, TREE ROOTS AND LIMBS, ROCK FRAGMENTS GREATER THEN 6-INCHES AND OTHER DELETERIOUS MATERIALS SHALL BE REMOVED AND PROPERLY DISPOSED OF OFFSITE OR AS DIRECTED BY
- UNLESS OTHERWISE SPECIFIED IN THE GEOTECHNICAL REPORT, ALL FILLS SHALL BE PLACED IN MAXIMUM 6-INCH LIFTS AND COMPACTED TO 95-PERCENT OF MAXIMUM DENSITY AS DEFINED USING A STANDARD PROCTOR TEST (AASHTO T99/ASTM 698)
- SUBGRADE FOR BUILDING PAD SHALL INCLUDE A MINIMUM OF 18-INCHES OF LOW VOLUME CHANGE (LVC) MATERIAL, OR AS IDENTIFIED IN THE SITE SPECIFIC GEOTECHNICAL REPORT FILL MATERIALS SHALL BE PER GEOTECHNICAL REPORT AND SHALL NOT INCLUDE ORGANIC MATTER, DEBRIS
- OR TOPSOIL. ALL FILLS PLACED ON SLOPES GREATER THAN 6:1 SHALL BE BENCHED. 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REDISTRIBUTING THE TOPSOIL OVER PROPOSED TURF AND
- LANDSCAPED AREAS TO A MINIMUM DEPTH OF 6-INCHES BELOW FINAL GRADE. 14. ALL AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE. UNLESS NOTED OTHERWISE THE FOLLOWING
- **GRADES SHALL APPLY:** A. TURF AREAS – 2.5% MINIMUM, 4H:1V MAXIMUM
- B. PAVED AREAS 1.2% MINIMUM, 5% MAXIMUM 15. A.D.A. PARKING STALLS SHALL NOT BE SLOPED GREATER THEN 2% IN ANY DIRECTION AND CONSTRUCTED PER A.D.A. REQUIREMENTS.
- 16. ALL DISTURBED AREAS SHALL BE FERTILIZED, SEEDED AND MULCHED IMMEDIATELY AFTER EARTHWORK ACTIVITIES HAVE CEASED. SEEDING SHALL BE PER THE EROSION AND SEDIMENT CONTROL PLAN AND/OR LANDSCAPE PLAN. IF NOT SPECIFIED SEEDING SHALL BE PER APWA SECTION 2400, LATEST EDITION. UNLESS OTHERWISE NOTED, SEEDING SHALL BE SUBSIDIARY TO THE CONTRACT PRICE FOR EARTHWORK AND GRADING ACTIVITIES.
- 17. ALL DISTURBED AREAS IN THE RIGHT-OF-WAY SHALL BE SODDED.
- 18. UNDERDRAINS ARE RECOMMENDED FOR ALL PAVED AREAS ADJACENT TO IRRIGATED TURF AND LANDSCAPED BEDS.
- 19. CONTRACTOR SHALL ADHERE TO THE REPORTING REQUIREMENTS OUTLINED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THIS PROJECT. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE PROPERLY MAINTAINED AND KEPT CLEAN OF SILT AND DEBRIS AND IN GOOD WORKING ORDER. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED.

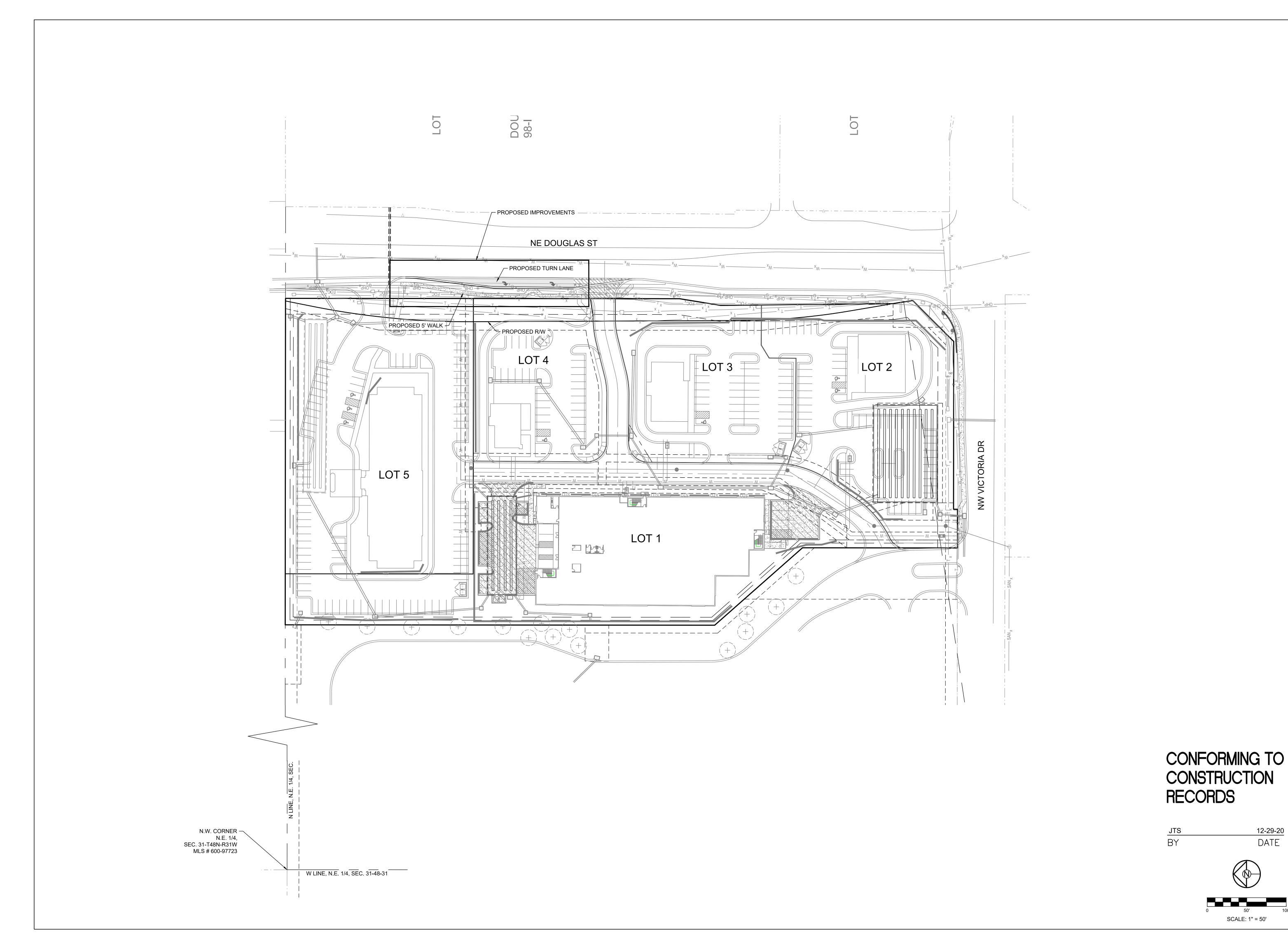
GENERAL NOTES:

- ALL CONSTRUCTION TO FOLLOW THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813.
- ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE ENGINEERING DEPARTMENT OF THE CITY OF LEE'S SUMMIT, MISSOURI
- LINEAL FOOT MEASUREMENTS SHOWN ON THE PLANS ARE HORIZONTAL MEASUREMENTS, NOT SLOPE MEASUREMENTS. ALL PAYMENTS SHALL BE MADE ON HORIZONTAL MEASUREMENTS.
- NO GEOLOGICAL INVESTIGATION HAS BEEN PERFORMED ON THE SITE. THE UTILITY LOCATIONS SHOWN ON THESE PLANS ARE TAKEN FROM UTILITY COMPANY RECORDS AND
- THE CONTRACTOR SHALL ADHERE TO THE PROVISIONS OF THE SENATE BILL NUMBER 583, 78TH GENERAL ASSEMBLY OF THE STATE OF MISSOURI. THE BILL REQUIRES THAT ANY PERSON OR FIRM DOING EXCAVATION ON PUBLIC RIGHT OF WAY DO SO ONLY AFTER GIVING NOTICE TO, AND OBTAINING INFORMATION FROM, UTILITY COMPANIES. STATE LAW REQUIRES 48 HOURS ADVANCE NOTICE. THE CONTRACTOR MAY ALSO UTILIZE THE FOLLOWING TOLL FREE PHONE NUMBER PROVIDED BY "MISSOURI ONE CALL SYSTEM, INC.": 1-800-DIG-RITE. THIS PHONE NUMBER IS APPLICABLE ANYWHERE WITHIN THE STATE OF MISSOURI. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE COMPANIES
- WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION TO BE PERFORMED. PRIOR TO ORDERING PRECAST STRUCTURES, SHOP DRAWING SHALL BE SUBMITTED TO THE DESIGN
- THE CONTRACTOR SHALL PROTECT ALL MAJOR TREES FROM DAMAGE. NO TREE SHALL BE REMOVED WITHOUT PERMISSION OF THE OWNER, UNLESS SHOWN OTHERWISE.
- CLEARING AND GRUBBING OPERATIONS AND DISPOSAL OF ALL DEBRIS THEREFROM SHALL BE PERFORMED
- BY THE CONTRACTOR IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES. 10. ALL WASTE MATERIAL RESULTING FROM THE PROJECT SHALL BE DISPOSED OF OFF-SITE BY THE
- CONTRACTOR, OR AS DIRECTED BY THE OWNER.

UTILITIES

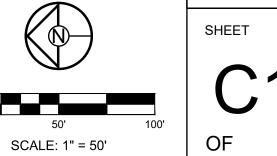
CONNECTION TO ANY EXISTING MAIN.

- EXISTING UTILITIES HAVE BEEN SHOWN TO THE GREATEST EXTENT POSSIBLE BASED UPON INFORMATION PROVIDED TO THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE RESPECTIVE UTILITY COMPANIES AND FIELD LOCATING UTILITIES PRIOR TO CONSTRUCTION AND IDENTIFYING ANY POTENTIAL CONFLICTS. ALL CONFLICTS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ANY REQUIRED UTILITY RELOCATIONS. UTILITIES DAMAGED THROUGH THE NEGLIGENCE OF THE CONTRACTOR SHALL BE REPAIRED.
- CONTRACTOR SHALL VERIFY FLOW-LINES AND STRUCTURE TOPS PRIOR TO CONSTRUCTION, AND SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES. PROVIDE SHOP DRAWINGS FOR ALL PRECAST AND MANUFACTURED UTILITY STRUCTURES FOR REVIEW BY THE ENGINEER PRIOR TO CONSTRUCTION OF THE
- STRUCTURES. UTILITY SEPARATION: WATERLINES SHALL HAVE A MINIMUM OF 10 FEET HORIZONTAL AND 2 FEET VERTICAL SEPARATION FROM ALL SANITARY AND STORM SEWER LINES. IF MINIMUM SEPARATIONS CAN NOT BE OBTAINED, CONCRETE ENCASEMENT OF THE SANITARY OR STORM SEWER LINE SHALL BE REQUIRED 10
- FEET IN EACH DIRECTION OF THE CONFLICT. PAYMENT FOR TRENCHING, BACKFILLING, PIPE EMBEDMENT, FLOWABLE FILL, BACKFILL MATERIALS, CLEAN UP, SEEDING, SODDING AND ANY OTHER ITEMS NECESSARY FOR THE CONSTRUCTION OF THE UTILITY LINE
- SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE UTILITY INSTALLATION. 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING RESPECTIVE UTILITY COMPANIES 48-HOURS IN ADVANCE FOR THE INSPECTION OF ANY PROPOSED UTILITY MAIN EXTENSION OR SERVICE LINE OR SERVICE
- TRENCH SPOILS SHALL BE NEATLY PLACED ONSITE ADJACENT TO THE TRENCH. AND COMPACTED TO PREVENT SATURATION AND EXCESS SEDIMENT RUNOFF. UNSUITABLE MATERIALS, EXCESS ROCK AND SHALE, ASPHALT, CONCRETE, TREES, BRUSH ETC, SHALL BE PROPERLY DISPOSED OF OFFSITE, MATERIALS MAY BE WASTED ONSITE AT THE DIRECTION OF THE OWNER OR HIS APPOINTED REPRESENTATIVE.



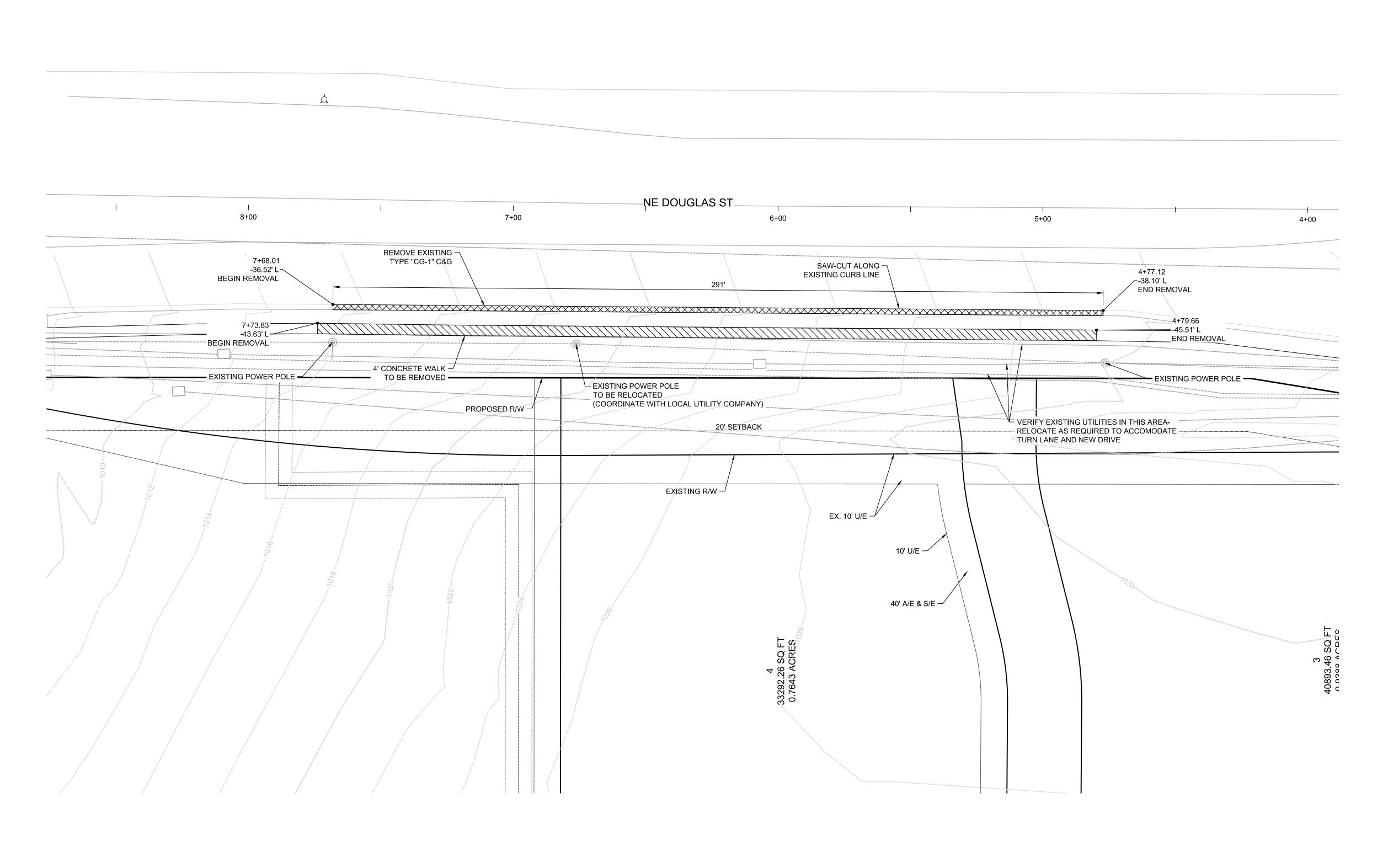
OAKVIEW PRIVATE INFRASTRUCTURE TURN LANE IMPROVEMENTS

GENERAL LAYOUT

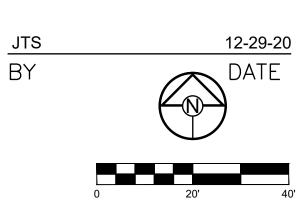


12-29-20

DATE



CONFORMING TO CONSTRUCTION RECORDS

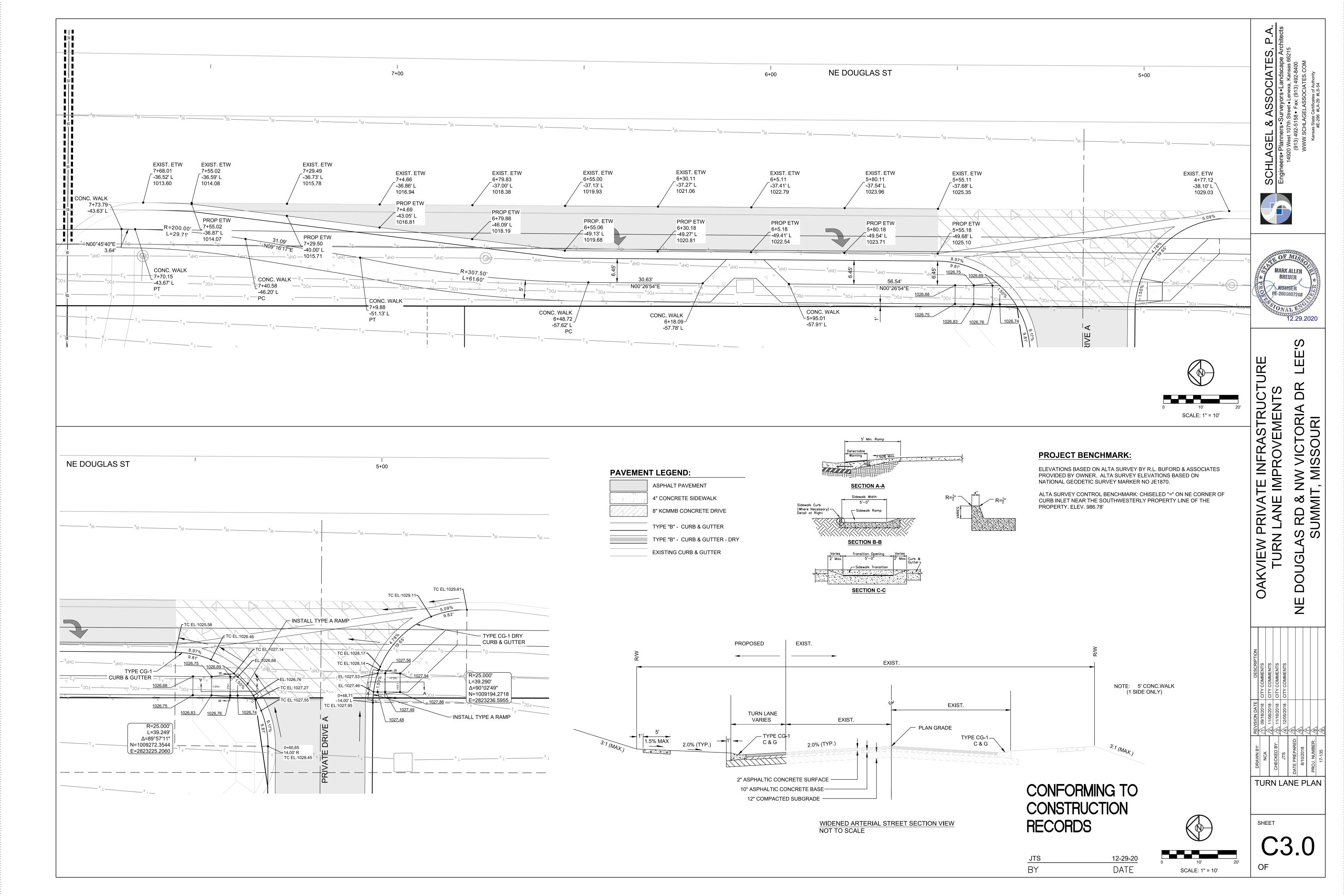


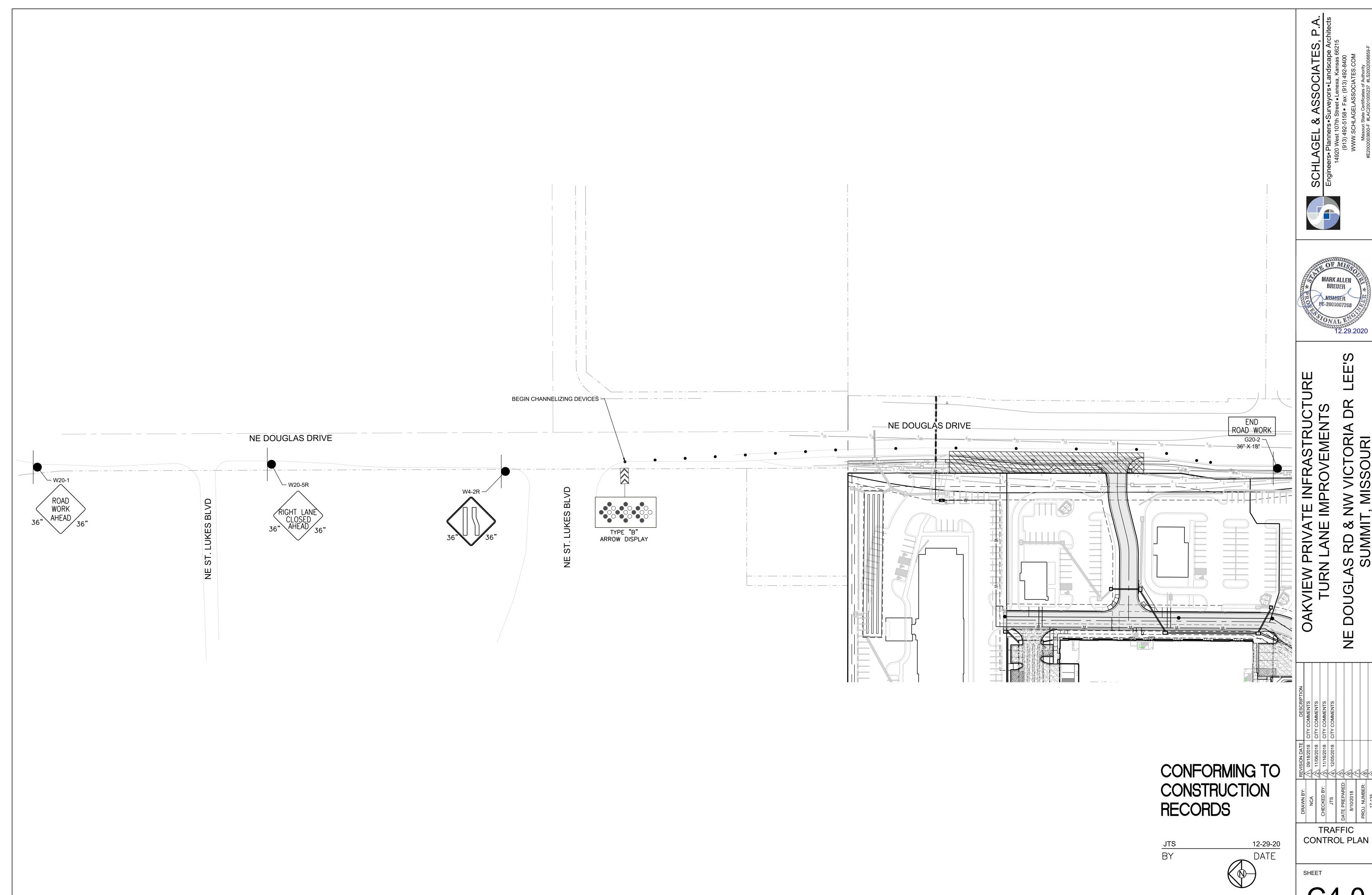
SCALE: 1" = 20'

DEMO PLAN

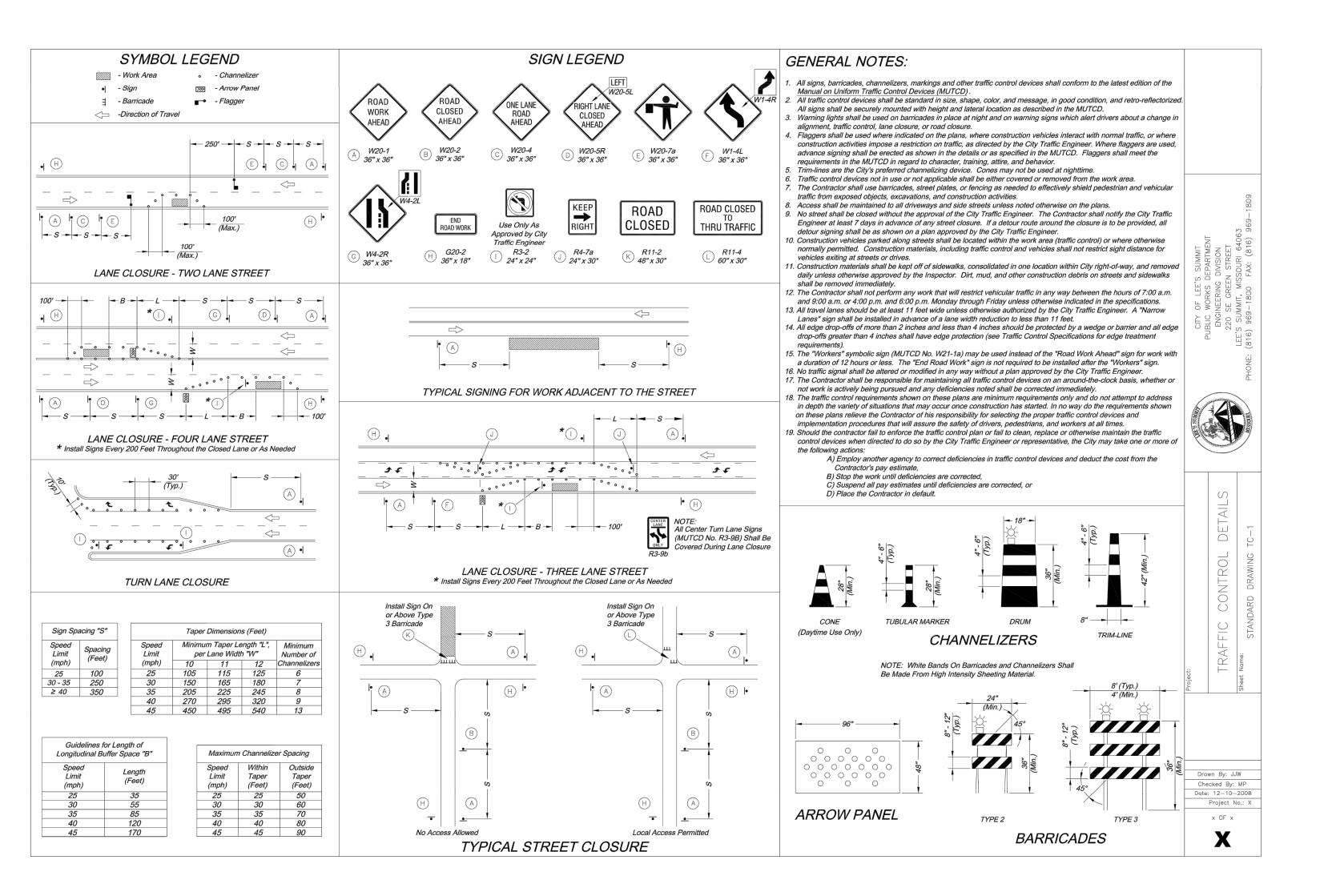
OAKVIEW PRIVATE INFRASTRUCTURE TURN LANE IMPROVEMENTS

PE-2009007268





SCALE: 1" = 60'



NFRASTRUCTURE ROVEMENTS

MARK ALLEN

BREUER

PE-2009007268

OAKVIEW PRIVATE IN TURN LANE IMPI S RD & SUMMI

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	DESCRIPTION	CITY COMMENTS	CITY COMMENTS	CITY COMMENTS	CITY COMMENTS					
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CONFORMING TO CONSTRUCTION RECORDS

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CONTROL DETAILS

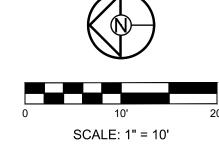
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	DATE	OF

NOTES:

- ALL RIGHT-TURN ARROW SYMBOLS SHALL BE PREFORMED THERMOPLASTIC.
- 2. 4" SOLID WHITE LINE SHALL BE HIGH BUILD PAINT.

CONFORMING TO CONSTRUCTION **RECORDS**

12-29-20 DATE



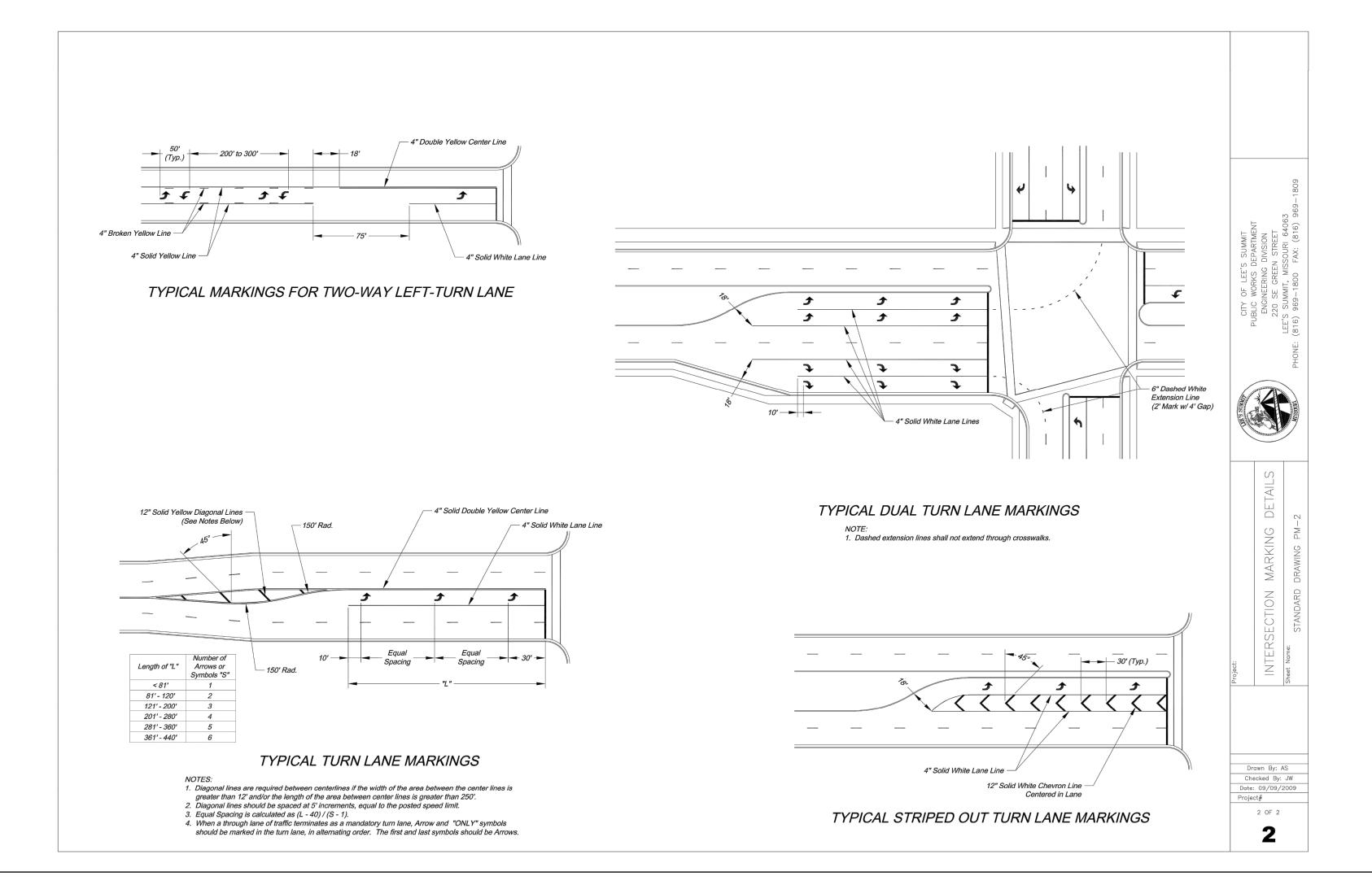




OAKVIEW PRIVATE INFRASTRUCTURE TURN LANE IMPROVEMENTS

PAVEMENT MARKING PLAN

SHEET



OAKVIEW PRIVATE INFRASTRUCTURE TURN LANE IMPROVEMENTS NE DOUGLAS RD & NW VICTORIA DR LEI

MARK ALLEN

CONFORMING TO CONSTRUCTION RECORDS

JTS	12-29-20
BY	DATE

PAVEMENT MARKING DETAILS

C7.0