

AS-BUILT NOTE:

THE CONTRACTOR SHALL KEEP ON SITE A CURRENT SET OF THE APPROVED CONSTRUCTION WORKING DRAWINGS AT ALL TIMES. THE CONTRACTOR SHALL MARK (IN RED INK) ALL APPROVED CHANGES INCURRED FOLLOWING PUBLIC WORKS DEPARTMENT APPROVAL OF THE INITIAL DRAWINGS. THESE CHANGES MAY BE INITIATED FROM FIELD CONDITIONS OR CHANGES MADE BY THE DESIGN ENGINEER OR THE PUBLIC WORKS ENGINEER. EXCEPT FOR MINOR FIELD ADJUSTMENTS, ALL CHANGES SHALL BE REVIEWED AND AGREED TO BY THE DESIGN ENGINEER AND THE PUBLIC WORKS ENGINEER PRIOR TO FINAL APPROVAL OF THE PROJECT. THE CONTRACTOR SHALL SUBMIT THE WORKING DRAWINGS TO THE ENGINEER OF RECORD (DESIGN ENGINEER) AFTER FINAL INSPECTION OF PROJECT TO SERVE AS A BASIS FOR DEVELOPEMNT OF FINAL AS-BUILT RECORD DRAWINGS.

ENGINEERING STATEMENT:

I HEREBY CERTIFY THAT I AM FAMILIAR WITH THE ADOPTED ORDINANCES AND REGULATIONS OF THE CITY OF OWASSO GOVERNING WATER FACILITIES, SEWER FACILITIES, STREETS, AND DRAINAGE FACILITIES; THAT THESE PLANS HAVE BEEN PREPARED UNDER MY DIRECT SUPERVISION; THE ABOVE AND THE FOREGOING PLANS COMPLY WITH ALL THE GOVERNING ORDINANCES AND THE ADOPTED STANDARDS OF THE CITY OF OWASSO TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF.

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Owasso 8th Grade Addition

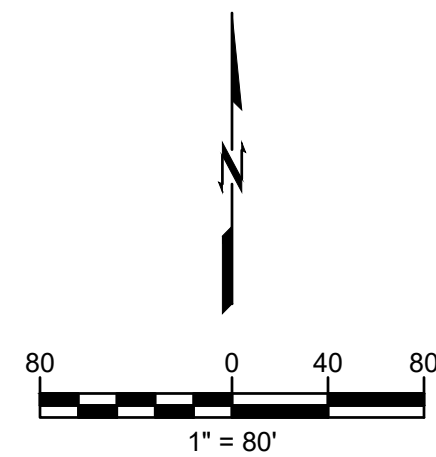
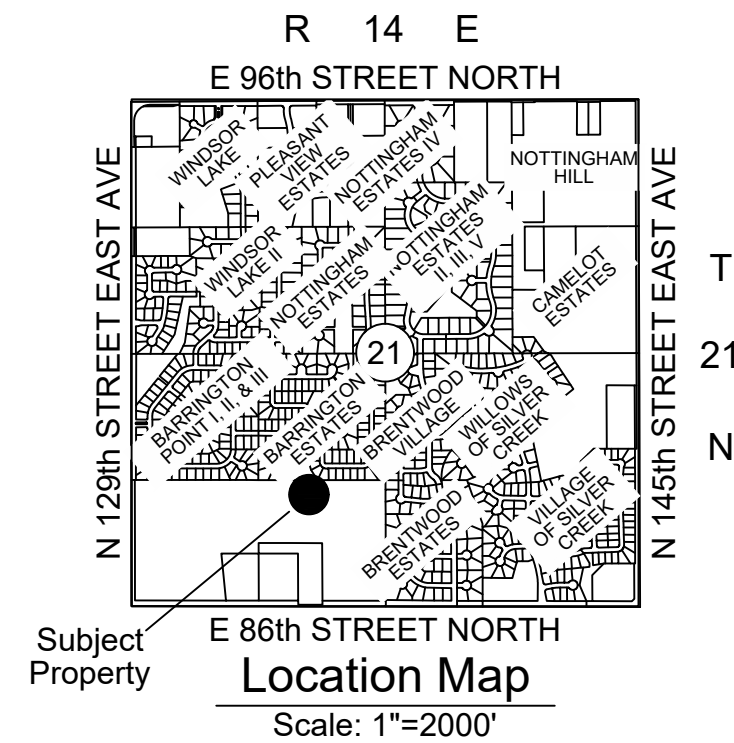
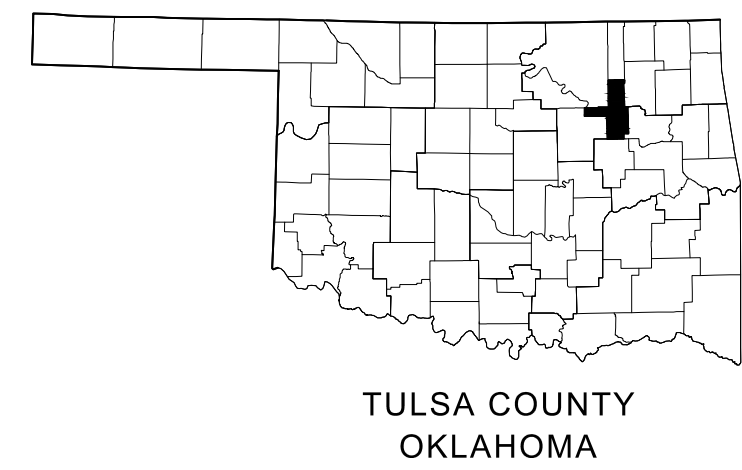
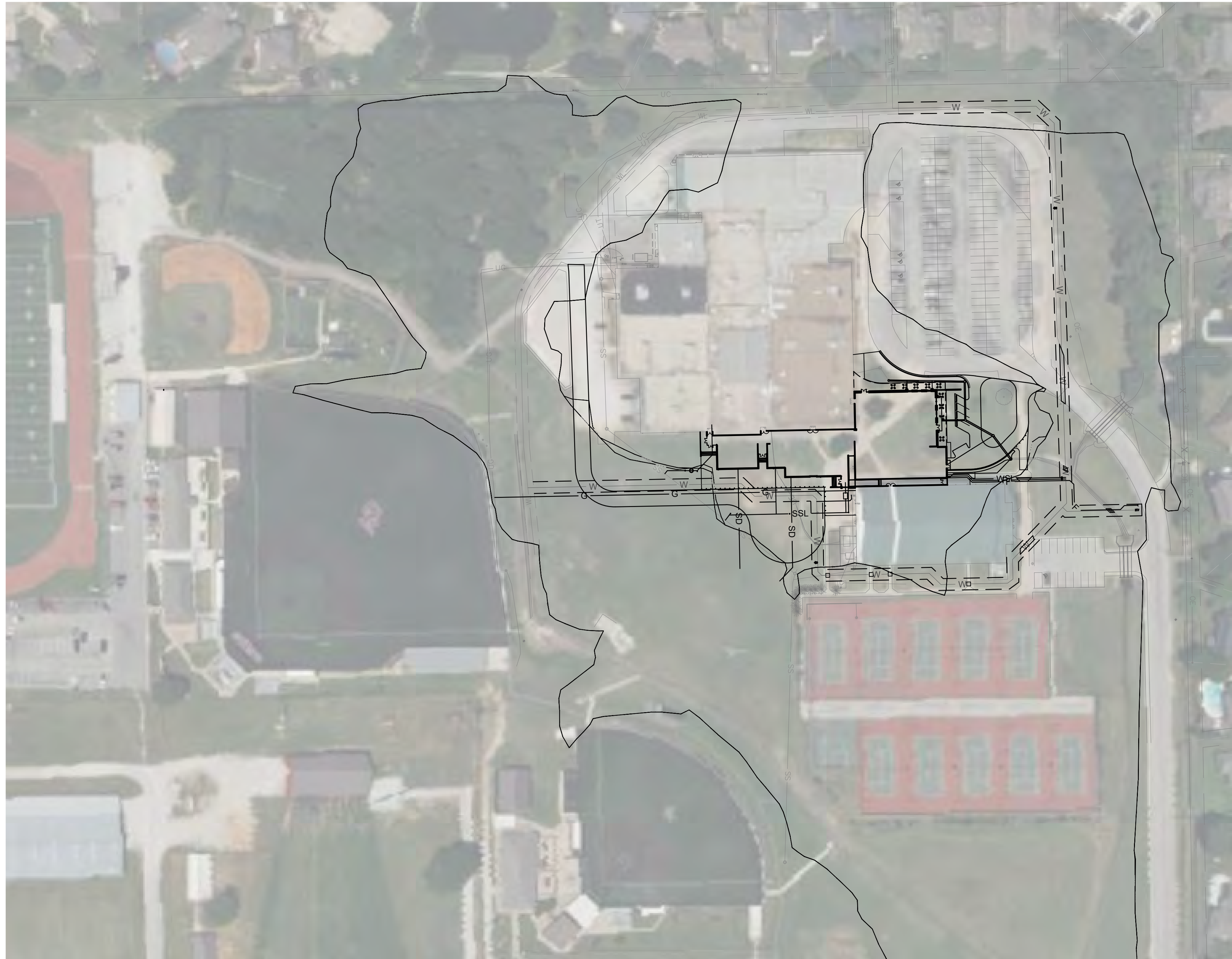
Owasso, Oklahoma

A TRACT OF LAND A PART OF OWASSO PUBLIC SCHOOLS, AN ADDITION TO THE CITY OF
OWASSO, TULSA COUNTY, OKLAHOMA

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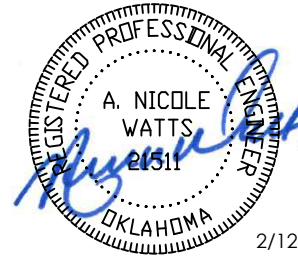
THE FOLLOWING STANDARD DRAWINGS FROM THE CITY OF OWASSO ENGINEERING SERVICES AND ODOT WILL BE REQUIRED:

STRT-07	CURB, GUTTER AND SIDEWALK
STRM-01	STORM SEWER PIPE INSTALL
STRM-20	SILT FENCE
WA-01	WATER PIPE INSTALLATION
WA-04	LONG WATER SERVICE (SINGLE)
WA-07	0.75 TO 2-INCH METER SETTING
WA-15	3-INCH AND LARGER METER
WA-17	MECHANICAL RESTRAINT FOR JOINTS

SAN-02	SEWER PIPE TABLE
SAN-07	SANITARY SEWER PIPE CONNECTOR
SAN-09	SANITARY SEWER SERVICE LINE UNDER PAVEMENT

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expires 6/30/2027

OWASSO 8th GRADE ADDITION

OWASSO PUBLIC
SCHOOLS

OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

11.25.2025

ISSUE DATE

COVER SHEET

C100

SHEET TITLE

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Know what's below.
Call before you dig.

CAUTION
NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES.

GENERAL NOTES:

- CONDUCT SITE CLEARING OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION. STREETS AND ROADWAYS SHALL BE THOROUGHLY CLEANED AND/OR SWEEP ON A DAILY BASIS OR MORE FREQUENTLY AS REQUIRED BY THE GOVERNING AUTHORITY. RESTORE DAMAGED IMPROVEMENTS TO ORIGINAL CONDITION AS ACCEPTABLE TO PARTIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL PROVIDE DUST CONTROL MEASURES IN ACCORDANCE WITH LOCAL AUTHORITIES.
- ALL STREET SURFACES, DRIVEWAYS, CULVERTS, ROADSIDE DRAINAGE DITCHES, AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED IN ACCORDANCE WITH THE SPECIFICATIONS.
- UNLESS SPECIFIED OTHERWISE, ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE STANDARDS, SPECIFICATIONS, AND REGULATIONS OF THE CITY OF OWASSO, OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY, AND STATE DEPARTMENT OF TRANSPORTATION, AND/OR THE APPROPRIATE LOCAL AUTHORITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, PERMIT FEES, LICENSES, LICENSE FEES, TAP FEES, ETC.
- ALL ELEVATIONS IN PAVED AREAS ARE TOP OF FINISHED PAVEMENT UNLESS OTHERWISE NOTED.
- RELOCATION OF ANY UTILITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROPRIATE UTILITY COMPANY AND/OR REGULATORY AGENCY. CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM ENGINEER BEFORE ANY UTILITY RELOCATION.
- NO DIMENSION MAY BE SCALED. REFER UNCLEAR ITEMS TO THE ENGINEER FOR INTERPRETATION.

EXCAVATION NOTIFICATION

- ALL CONTRACTORS SHALL NOTIFY UTILITY COMPANIES AND GOVERNMENT AGENCIES IN WRITING OF THE INTENT TO EXCAVATE NO LESS THAN 72 HOURS PRIOR TO SUCH EXCAVATION (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS).
- CONTRACTORS TO CALL 811 (OR VISIT CALL811.COM) TO REQUEST UTILITY LOCATES. ONCE COMPLETION OF MARKINGS HAS BEEN CONFIRMED BY THE CONTRACTOR, NO AUTOMATED OR MECHANICAL EQUIPMENT SHOULD BE USED WITHIN TWO FEET ON EITHER SIDE OF THE MARKINGS (OR ANOTHER MORE STRINGENT TOLERANCE AS DIRECTED), AND EXISTING FACILITIES MUST BE EXPOSED BY HAND.
- EXISTING UTILITY LOCATIONS SHOWN SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. LOCATIONS OF UNDERGROUND UTILITIES ON THESE DRAWINGS ARE APPROXIMATE ONLY AND BASED ON ACTUAL FIELD LOCATIONS OF VISIBLE STRUCTURES AND PLAN COMPUTATIONS.

UNANTICIPATED SOIL CONDITIONS

- IF UNSUITABLE BEARING MATERIALS ARE ENCOUNTERED AT THE SPECIFIED SUBGRADE DEPTHS, THE CONTRACTOR SHALL NOTIFY THE OWNER. SOIL SUBGRADES WHICH ARE UNSTABLE DUE TO INADEQUATE CONSTRUCTION, DEWATERING OR EXCESSIVE SUBGRADE DISTURBANCE ARE NOT DEEMED UNSUITABLE SOILS AND SHALL BE CORRECTED TO SUITABLE CONDITIONS AT THE CONTRACTORS EXPENSE.
- FILL SOIL THAT IS NOT WITHIN +/- 2% OPTIMUM MOISTURE FOR COMPACTION OF THE PARTICULAR MATERIAL IN PLACE AS DETERMINED BY THE OWNERS REPRESENTATIVE AND IS DISTURBED BY THE CONTRACTOR DURING CONSTRUCTION OPERATIONS SO THAT PROPER COMPACTION CANNOT BE REACHED SHALL NOT BE CONSTRUCTED AS UNSUITABLE BEARING MATERIAL AND SHALL BE CORRECTED TO SUITABLE CONDITIONS AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL FOLLOW A CONSTRUCTION PROCEDURE WHICH PERMITS VISUAL IDENTIFICATION OF FIRM NATURAL GROUND.
- SURFACE RUNOFF: SURFACE WATER ON AND AROUND THE SITE SHALL BE COLLECTED INTO LOCAL SUMPS BY MEANS OF TRENCHES, PIPES, ETC., AND PUMPED INTO THE STORM WATER SYSTEM. USE APPROPRIATE FILTRATION OR SEDIMENTATION TO PREVENT PUMPING OF SUSPENDED SOLIDS INTO THE STORM SEWER. A PERMIT MUST BE OBTAINED FOR SUCH PUMPING.
- DEWATERING OF TRENCHES AND EXCAVATIONS: TRENCHES AND EXCAVATIONS SHALL BE KEPT FREE OF STANDING WATER. AT ALL TIMES, PUMPING IS TO BEGIN AS SOON AS WATER BEGINS TO ACCUMULATE AND IS TO CONTINUE UNTIL WATER IS REMOVED.

SITE ACCESSIBILITY

- ALL FEATURES OF THIS PROJECT INCLUDING, BUT NOT LIMITED TO, SIDEWALKS, CURB RAMPS, ACCESSIBLE PARKING, AND ACCESSIBLE ROUTES SHALL COMPLY WITH THE APPLICABLE ACCESSIBILITY CODES [AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES; THE PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) PUBLISHED IN THE FEDERAL REGISTER AUGUST 2023; INTERNATIONAL BUILDING CODE (IBC); ICC A117.1; ETC.]
- WHERE SPATIAL LIMITATIONS OR EXISTING FEATURES WITHIN THE LIMITS OF THE PROJECT PREVENT FULL COMPLIANCE WITH THESE GUIDELINES, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER UPON DISCOVERY OF SUCH FEATURES. THE CONTRACTOR SHALL NOT PROCEED WITH ANY ASPECT OF THE WORK WHICH IS NOT IN FULL COMPLIANCE WITH THESE GUIDELINES WITHOUT PRIOR WRITTEN PERMISSION FROM THE ENGINEER. ANY WORK WHICH IS NOT PERFORMED WITHIN THESE GUIDELINES, FOR WHICH THE CONTRACTOR DOES NOT HAVE WRITTEN APPROVAL, SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- GENERAL SLOPE GUIDANCE:
 - CROSS SLOPES SHALL NOT EXCEED 1:50 (2.0%). PREFERRED SLOPE IS 1.5%.
 - RUNNING SLOPES SHALL NOT EXCEED 5% EXCEPT AT RAMPS. PREFERRED MAXIMUM SLOPE IS 4.5%.
 - RAMP RUNNING SLOPES SHALL NOT EXCEED 1:12 (8.3%). PREFERRED MAXIMUM SLOPE IS 7.8%.
 - SLOPES AT LANDINGS, ACCESSIBLE PARKING STALLS, AND ACCESSIBLE AISLES SHALL NOT EXCEED 2% IN ANY DIRECTION. PREFERRED MAXIMUM SLOPE IS 1.5%.
 - EXCEPTIONS WITHIN THE PUBLIC RIGHT-OF-WAY: WHERE THE ESTABLISHED ADJACENT STREET GRADE EXCEEDS 5%, RUNNING SLOPES PARALLEL TO THE STREET SLOPES SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET. CURB RAMP RUNNING SLOPE CAN EXCEED 8.3% TO LIMIT THE RESULTING RAMP LENGTH TO 15 FEET.

GEOTECHNICAL

- ALL WORK SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED BY GFAC ENGINEERING DATED 3 APRIL 2025.

SURVEY

- EXISTING BOUNDARY AND TOPOGRAPHIC INFORMATION ARE SHOWN PER THE FIELD SURVEY PERFORMED BY WALLACE DESIGN COLLECTIVE, PC. DATED 5 AUGUST 2024.

GENERAL EROSION CONTROL NOTES:

- ALL GRADING AND EROSION CONTROL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN, THE CITY OF OWASSO STANDARDS AND SPECIFICATIONS, AND STATE PERMITTING REQUIREMENTS.
- THE PERMITTEE SHALL BE RESPONSIBLE FOR NOTIFYING THE LAND OWNER AND EACH CONTRACTOR OR ENTITY (INCLUDING UTILITY CREWS AND CITY EMPLOYEES OR THEIR AGENTS) WHO WILL PERFORM WORK AT THE SITE OF THE EXISTENCE OF THE SWPPP AND WHAT ACTIONS OR PRECAUTIONS SHALL BE TAKEN WHILE ON-SITE TO MINIMIZE THE POTENTIAL FOR EROSION AND THE POTENTIAL FOR DAMAGING ANY BMP. THE PERMITTEE IS RESPONSIBLE FOR ANY DAMAGE A SUBCONTRACTOR MAY DO TO ESTABLISHED BMPS AND ANY SUBSEQUENT WATER QUALITY VIOLATION RESULTING FROM THE DAMAGE.
- ENSURE THE DESIGN, INSTALLATION, AND MAINTENANCE OF EFFECTIVE EROSION AND SEDIMENT CONTROLS TO MINIMIZE THE DISCHARGE OF POLLUTANTS. AT A MINIMUM, SUCH CONTROLS MUST BE DESIGNED, INSTALLED, AND MAINTAINED TO:
 - CONTROL STORMWATER VOLUME, VELOCITY, AND PEAK FLOW RATES WITHIN THE SITE TO MINIMIZE SOIL EROSION;
 - CONTROL STORMWATER DISCHARGES, INCLUDING BOTH PEAK FLOW RATES AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS AND TO MINIMIZE DOWNSTREAM CHANNEL AND STREAM BANK EROSION AND SCOUR;
 - MINIMIZE THE AMOUNT OF EXPOSED SOIL DURING CONSTRUCTION ACTIVITY;
 - MINIMIZE THE DISTURBANCE OF STEEP SLOPES;
 - MINIMIZE SEDIMENT DISCHARGES FROM THE SITE. DESIGN, INSTALL AND MAINTAIN EROSION AND SEDIMENT CONTROLS THAT ADDRESS FACTORS SUCH AS THE AMOUNT, FREQUENCY, INTENSITY AND DURATION OF PRECIPITATION, THE NATURE OF RESULTING STORMWATER RUNOFF, AND SOIL CHARACTERISTICS, INCLUDING THE RANGE OF SOIL PARTICLE SIZE EXPECTED TO BE PRESENT ON THE SITE.
 - PROVIDE AND MAINTAIN NATURAL BUFFERS AROUND SURFACE WATERS
 - DIRECT STORMWATER TO VEGETATED AREAS TO INCREASE SEDIMENT REMOVAL AND MAXIMIZE STORMWATER INFILTRATION AND FILTERING, UNLESS INFEASIBLE;
 - MINIMIZE SOIL COMPACTION AND PRESERVE TOPSOIL WHERE PRACTICABLE
- INSTALLATION OF BMPS NECESSARY TO PREVENT SOIL EROSION AND SEDIMENTATION AT THE DOWNGRAIDENT PROJECT BOUNDARY (E.G. BUFFERS, PERIMETER CONTROLS, EXIT POINT CONTROLS, STORM DRAIN INLET PROTECTION) MUST BE COMPLETE PRIOR TO THE START OF ALL PHASES OF CONSTRUCTION. BY THE TIME CONSTRUCTION ACTIVITY IN ANY GIVEN PORTION OF THE SITE BEGINS, DOWNGRAIDENT BMPS MUST BE INSTALLED AND OPERATIONAL TO CONTROL DISCHARGES FROM THE INITIAL SITE CLEARING, GRADING, EXCAVATING, AND OTHER EARTH-DISTURBING ACTIVITIES. ADDITIONAL BMPS SHALL BE INSTALLED AS NECESSARY THROUGHOUT THE LIFE OF THE PROJECT, FOLLOWING THE INSTALLATION OF THESE INITIAL BMPS, ALL BMPS NEEDED TO CONTROL DISCHARGES SHALL BE INSTALLED AND MADE OPERATIONAL PRIOR TO SUBSEQUENT EARTH DISTURBING ACTIVITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A STABILIZED CONSTRUCTION ENTRANCE AND FOR CLEANING OF VEHICLE WHEELS IN ACCORDANCE WITH THE CITY OF OWASSO STANDARDS AND SPECIFICATIONS.
- SILT FENCES: PLACEMENT OF SILT FENCES SHALL BE AS SHOWN ON THESE PLANS. FENCING WHICH BECOMES DAMAGED SHALL BE REPLACED PROMPTLY. DEPOSITS OF SILT WHICH BUILD UP BEHIND DIKES MAY BE DISKED ONTO THE SITE BEFORE PLACEMENT OF TEMPORARY COVER. AFTER TEMPORARY COVER IS PLACED OR AFTER LANDSCAPING COMMENCES, SILT SHALL BE REMOVED AND DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER.
- UNLESS LOCAL OR STATE REQUIREMENTS NECESSITATE MORE FREQUENT MONITORING, CONTRACTOR SHALL INSPECT EROSION CONTROL DEVICES EVERY 7 DAYS OR WITHIN 24 HOURS OF A STORM OF 0.5 INCHES OR MORE IN DEPTH (EXCLUSIVE OF HOLIDAYS). THE CONTRACTOR SHALL REPAIR DAMAGE, CLEAN OUT SEDIMENT, AND ADD ADDITIONAL CONTROL DEVICES AS NEEDED AS SOON AS POSSIBLE AFTER INSPECTION. DEFICIENCIES MUST BE CORRECTED WITHIN 7 DAYS.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL FINES ASSOCIATED WITH EROSION CONTROL VIOLATIONS.

TEMPORARY STABILIZATION:

- INITIATE THE INSTALLATION OF STABILIZATION MEASURES IMMEDIATELY IN ANY DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE OR WILL BE TEMPORARILY INACTIVE FOR 14 OR MORE CALENDAR DAYS ON ANY PORTION OF THE SITE.
- TEMPORARY STABILIZATION SHALL INCLUDE TEMPORARY SEEDING, GEOTEXTILES, MULCHES, AND/OR OTHER TECHNIQUES TO REDUCE OR ELIMINATE EROSION UNTIL EITHER FINAL STABILIZATION CAN BE ACHIEVED OR UNTIL FURTHER CONSTRUCTION ACTIVITIES TAKE PLACE TO RE-DISTURB THIS AREA.
- TEMPORARY STABILIZATION SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL AND STATE REQUIREMENTS.

FINAL STABILIZATION:

- FINAL STABILIZATION SHALL BE INSTALLED IN ACCORDANCE WITH THE LANDSCAPE PLANS AND LOCAL AND STATE REQUIREMENTS.
- UNLESS OTHERWISE INDICATED, ALL DISTURBED SOIL AREAS SHALL RECEIVE FOUR (4) INCHES OF TOPSOIL AND SHALL BE PERMANENTLY STABILIZED WITH SEED OR SOD.
- CONTRACTOR SHALL MAINTAIN PERENNIAL VEGETATION UNTIL UNIFORM COVER IS ESTABLISHED. UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS, THIS SHALL INCLUDE A MINIMUM OF 70% COVERAGE AND NO BARE AREAS OF 10 SQUARE FEET OR MORE.

GENERAL DEMOLITION NOTES:

- ALL CONCRETE AND ASPHALT NOTED FOR REMOVAL SHALL BE SAW CUT FULL DEPTH AND REMOVED OFF SITE.
- CONTRACTOR SHALL PROTECT ALL SURVEY CONTROL POINTS.
- CONTRACTOR SHALL REMOVE ALL WASTE MATERIALS OFF SITE.
- ALL EXISTING STRUCTURES, UNLESS OTHERWISE NOTED TO REMAIN, FENCING, TREES, ETC., WITHIN CONSTRUCTION AREA SHALL BE REMOVED & DISPOSED OF OFF SITE. ALL COST SHALL BE INCLUDED IN BASE BID.
- WITH PRIOR APPROVAL, CONTRACTOR MAY ESTABLISH AN ON-SITE STAGING AREA. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING STAGING AREA TO ITS ORIGINAL CONDITION. SECURITY OF STAGING AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ON-SITE VEGETATION SHALL BE PROTECTED AS NOTED. IN DESIGNATED PROTECTION AREAS WHERE THE CONTRACTOR DOES NOT PROTECT VEGETATION AS NOTED, CONTRACTOR SHALL RESTORE VEGETATION TO EXISTING CONDITION AT NO ADDITIONAL EXPENSE TO THE OWNER, TO THE SATISFACTION OF THE ARCHITECT.
- CONTRACTOR SHALL PROTECT ALL ABOVE GROUND UTILITY FEATURES NOT BEING REMOVED INCLUDING, BUT NOT LIMITED TO, MANHOLES, VALVES, AND INLETS. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE THE EXISTING STRUCTURE AS NECESSARY.
- TOPSOIL STOCKPILES AND DISTURBED PORTIONS OF THE SITE, WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 14 DAYS SHALL BE STABILIZED IMMEDIATELY WITH TEMPORARY SEED AND MULCH PER THE AUTHORITY HAVING JURISDICTION.
- CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL DURING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, LANE CLOSURES, DETOURS, ETC. BOTH VEHICULAR AND PEDESTRIAN.
- CONTRACTOR SHALL PROVIDE TEMPORARY UTILITY SERVICE IF REQUIRED.
- CONTRACTOR SHALL ENSURE CONSTRUCTION SITE HAS POSITIVE DRAINAGE THROUGHOUT THE DURATION OF CONSTRUCTION.
- REMOVE BUILDING IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO, FOOTINGS, UTILITIES, AND ALL BUILDING APPURTENANCES. COORDINATE WITH UTILITY PROVIDER(S) TO ENSURE ALL UTILITIES ARE SHUT OFF AND CAPPED PRIOR TO DEMOLITION. SERVICE LINES SHALL BE REMOVED AND CAPPED BACK TO MAIN UTILITY LINE, UNLESS NOTED OTHERWISE.
- PRIOR TO UTILITY DEMOLITION COORDINATE WITH AUTHORITY HAVING JURISDICTION.
- UTILITIES BEING REMOVED OR RELOCATED SHALL BE ISOLATED AND SERVICE DISCONNECTED PRIOR TO ANY DEMOLITION.
- NO UTILITY INTERRUPTIONS WILL BE ALLOWED WITHOUT CONSENT OF THE OWNER. CONTRACTOR SHALL NOTIFY THE OWNER AND ARCHITECT A MINIMUM OF FOUR WORKING DAYS PRIOR TO THE REQUESTED SHUT DOWN.

GENERAL SITE NOTES:

- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL MUNICIPAL REGULATIONS AND CODES, WHICHEVER IS MORE STRINGENT.
- ALL WORK AND MATERIALS SHALL COMPLY WITH O.S.H.A. STANDARDS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES' SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
- ALL DIMENSIONS AND COORDINATES ARE FROM FACE OF CURB UNLESS SHOWN OTHERWISE.
- RADII = 5'-0" UNLESS OTHERWISE INDICATED.

GENERAL PAVING NOTES:

- ALL MATERIALS, EXECUTION, AND TESTING TO CONFORM TO AHJ REQUIREMENTS (I.E. LOCAL OR STATE DOT STANDARDS AND SPECIFICATIONS).
- ALL PAVING AND EARTHWORK OPERATIONS SHALL CONFORM TO THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
- CONTRACTOR TO PROVIDE PRODUCT DATA SUBMITTALS INCLUDING, BUT NOT LIMITED TO, DESIGN MIXES, MATERIAL CERTIFICATES, AND MATERIAL TEST REPORTS FOR MATERIALS AND PRODUCTS ASSOCIATED WITH PAVING AND PAVEMENT MARKING OPERATIONS.
- CONTRACTOR SHALL DEVELOP AND IMPLEMENT PROPER TRAFFIC CONTROL IN CONFORMANCE WITH THE LATEST REVISION OF THE MUTCD. ACCESS FOR EMERGENCY VEHICLES AND LOCAL TRAFFIC SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- PAVEMENT SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND TO THE GRADES AND ELEVATIONS REQUIRED BY THE CONSTRUCTION DOCUMENTS.
- PAVEMENT CONTRACTOR TO INSPECT PAVEMENT SUBGRADE AND CORRECT ANY DEFICIENCIES PRIOR TO PAVING OPERATIONS.
- CONTRACTOR TO COORDINATE CONSTRUCTION TESTING UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS.
- THE PAVEMENT SECTIONS SHOWN IN DETAIL A / C800 ARE SHOWN FOR REFERENCE. ANY QUESTIONS REGARDING THE SUITABILITY OF THESE OR ALTERNATE PAVEMENTS SECTIONS, SPECIFIC PAVEMENT MAINTENANCE REQUIREMENTS, OR POTENTIAL PAVEMENT LIFE SHOULD BE DIRECTED TO A GEOTECHNICAL ENGINEER, AS THIS IS BEYOND WALLACE'S SCOPE OF SERVICES FOR THIS PROJECT.

ASPHALT PAVEMENT:

- CONSTRUCT JOINTS TO ENSURE A CONTINUOUS BOND BETWEEN ADJOINING PAVEMENT SECTIONS. OFFSET LONGITUDINAL JOINTS, IN SUCCESSIVE COURSES, A MINIMUM OF 6 INCHES AND TRANSVERSE JOINTS A MINIMUM OF 24 INCHES.
- WHERE DIFFERENT THICKNESS PAVEMENTS ABUT, PROVIDE A THICKENED EDGE ON THE THINNER PAVEMENT SECTION, WHICH TRANSITIONS TO THE THICKER PAVEMENT DEPTH ACROSS FOUR FEET.
- UNIFORM DENSITY REQUIREMENTS:
 - AVERAGE DENSITY: 96 PERCENT OF REFERENCE LABORATORY DENSITY ACCORDING TO ASTM D 6927 BUT NOT LESS THAN 94 PERCENT OR GREATER THAN 100 PERCENT, OR
 - AVERAGE DENSITY: 92 PERCENT OF REFERENCE MAXIMUM THEORETICAL DENSITY ACCORDING TO ASTM D 2041 BUT NOT LESS THAN 90 PERCENT OR GREATER THAN 96 PERCENT.
- INSTALLATION TOLERANCES:
 - PAVEMENT THICKNESS: BASE COURSE PLUS OR MINUS 1/2 INCH; SURFACE PLUS 1/4 INCH.
 - PAVEMENT SMOOTHNESS: BASE COURSE 1/4 INCH IN 10 FEET; SURFACE COURSE 1/8 INCH IN 10 FEET.

CONCRETE PAVEMENT:

- CONCRETE PLACEMENT TO CONFORM TO ACI 301 / 306 / 330 REQUIREMENTS.
- CONCRETE MATERIAL:
 - 28 DAY COMPRESSIVE STRENGTH: 4000 PSI MINIMUM
 - MAXIMUM W/C RATIO AT TIME OF PLACEMENT: 0.45
 - SUMP: 4 INCHES PLUS OR MINUS 1 INCH
 - AIR CONTENT: 6 PERCENT PLUS OR MINUS 1-1/2 PERCENT
- STEEL:
 - GRADE 60
 - COMPLY WITH CRSI'S "MANUAL OF STANDARD PRACTICE" FOR FABRICATION, PLACEMENT, AND SUPPORT.
- JOINTS:
 - FORM CONSTRUCTION, ISOLATION, AND CONTRACTION JOINTS WITH FACES PERPENDICULAR TO SURFACE PLANE OF CONCRETE, WHEN JOINING EXISTING PAVING, PLACE JOINTS TO ALIGN WITH PREVIOUSLY PLACED JOINTS UNLESS OTHERWISE INDICATED.
 - FORM ISOLATION JOINTS OF PREFORMED JOINT-FILLER STRIPS ABUTTING LIGHT STANDARD FOUNDATIONS, MANHOLES, INLETS, STRUCTURES, OR OTHER FIXED OBJECTS. EXTEND JOINT FILLERS THE FULL WIDTH AND DEPTH OF PAVEMENT.
 - CONTRACTION JOINT DEPTH TO BE 1/4 OF THE TOTAL CONCRETE THICKNESS.
 - JOINTS SHOULD EXTEND THROUGH ADJACENT CURB AND GUTTER.
- JOINT SPACING
 - JOINT SPACING SHALL NOT EXCEED 24 TO 30 TIMES THE PAVEMENT THICKNESS (E.G. 0.5" THICK CONCRETE X 30 = 15" MAXIMUM JOINT SPACING) WITH A MAXIMUM SPACING OF 15 FEET.
 - LAY OUT JOINTS TO FORM SQUARE PANELS. WHEN THIS IS NOT PRACTICAL, RECTANGULAR PANELS CAN BE USED, BUT THE LENGTH SHALL NOT BE MORE THAN 25% LONGER THAN THE WIDTH (E.G. A 15' LONG PANEL CANNOT BE LESS THAN 12' WIDE).
 - CONTRACTOR TO SUBMIT A JOINT LAYOUT PLAN FOR REVIEW AND APPROVAL PRIOR TO COMMENCING PAVING OPERATIONS. CONTRACTOR TO TAKE INTO ACCOUNT REVIEW TIME AND CHANGES PER ANY COMMENTS WHEN SCHEDULING THE SUBMISSION OF THE JOINT LAYOUT PLAN.
- REINFORCEMENT OF IRREGULARLY SHAPED PANELS OR MISMATCHED JOINTS
 - ON PANELS WITH RADII, ON PANELS THAT TAPER TO A SHARP ANGLE, AND/OR WHEN THE LENGTH TO WIDTH RATIO EXCEEDS 1.25, PROVIDE A MINIMUM OF 0.05 PERCENT STEEL IN BOTH DIRECTIONS ACROSS THE ENTIRE PANEL.
 - WHERE JOINT PATTERNS OF ABUTTING PAVEMENTS DO NOT MATCH AND ARE NOT SEPARATED BY AN EXPANSION JOINT, PROVIDE A MINIMUM OF 0.05 PERCENT STEEL IN THE PAVEMENT OPPOSITE OF THE MISMATCHED JOINT FOR A DISTANCE OF THREE FEET BACK FROM THE JOINT ALONG THE FULL WIDTH OF THE PANEL.
- WHERE DIFFERENT THICKNESS PAVEMENTS ABUT, PROVIDE A THICKENED EDGE ON THE THINNER PAVEMENT SECTION WHICH TRANSITIONS TO THE THICKER PAVEMENT DEPTH ACROSS FOUR FEET.
- PROVIDE MEDIUM TO FINE TEXTURED BROOM FINISH UNLESS OTHERWISE INDICATED ON THE PLANS.
- INSTALLATION TOLERANCES
 - ELEVATION: 1/4 INCH
 - THICKNESS: PLUS 3/8 INCH, MINUS 1/4 INCH
 - SURFACE: 1/4 INCH IN 10 FEET

PAVEMENT MARKINGS:

- ALLOW PAVING TO AGE A MINIMUM OF 30 DAYS BEFORE STARTING PAVEMENT MARKING OPERATIONS.
- PAVEMENT MARKING PAINT SHALL BE ACRYLIC, WATERBORNE EMULSION, LEAD AND CHROMATE FREE, READY MIXED, COMPLYING WITH FS TT-P-1952, TYPE II, WITH A DRYING TIME OF LESS THAN THREE MINUTES.
- COLOR TO MATCH EXISTING PAVEMENT STRIPING.

GENERAL GRADING NOTES:

- CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED, INSPECTED, AND APPROVED BY LOCAL AUTHORITIES.
- ALL BENCHMARKS, CONTROL POINTS, PROPERTY MARKERS, AND RIGHT-OF-WAY MONUMENTS DISTURBED OR DESTROYED SHALL BE RESET UNDER THE SUPERVISION OF A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF OKLAHOMA. ALL SURVEYING COSTS SHALL BE THE CONTRACTORS'S.
- THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS BEFORE EXCAVATING.
- TOPSOIL SHALL BE STRIPPED TO A DEPTH WHERE SOIL IS FREE OF ROOTS AND VEGETATION.
- CIVIL ENGINEER WILL NOT INTERPRET SOILS REPORTS OR ACCEPT RESPONSIBILITY FOR ALTERNATIVE METHODS PROPOSED BY THE CONTRACTOR.
- UNDERCUTTING OF SOFT SPOTS AND PLACEMENT OF EARTHWORK IS GOVERNED FIRST BY THE GEOTECHNICAL REPORT. OBSERVATION AND TESTING SHALL BE PERFORMED BY A QUALIFIED GEOTECHNICAL ENGINEER TO VERIFY THAT THE SOFT SPOTS ARE PROPERLY OVEREXCAVATED AND REPLACED OR STABILIZED.
- IF EXCAVATED MATERIAL IS UNSUITABLE FOR COMPACTION, AS DETERMINED BY THE GEOTECHNICAL ENGINEER, THE CONTRACTOR SHALL FURNISH SUITABLE BORROW.
- STRIPPING, PROFFROLLING, SUBGRADE SCARIFICATION, COMPACTION, AND FILL CONSTRUCTION IN THE BUILDING AND PAVING AREAS SHALL BE PERFORMED ACCORDING TO THE GEOTECHNICAL REPORT. EMBANKMENT BENEATH BUILDING PADS OR FOR PAVING SUBGRADE SHALL BE PLACED IN LIFTS NOT EXCEEDING EIGHT (8) INCHES AND COMPACTED TO A MINIMUM OF 98% AND 95% STANDARD PROCTOR DENSITY, RESPECTIVELY. AT OPTIMUM MOISTURE CONTENT UNLESS OTHERWISE SPECIFIED THEREIN. CONTRACTOR SHALL PROVIDE WATER AS REQUIRED TO OBTAIN SPECIFIED COMPACTION.
- EXCAVATE TO INDICATED ELEVATIONS AND DIMENSIONS WITHIN A TOLERANCE OF PLUS OR MINUS 1 INCH. IF APPLICABLE, EXTEND EXCAVATIONS A SUFFICIENT DISTANCE FROM STRUCTURES FOR PLACING AND REMOVING CONCRETE FORMWORK, FOR INSTALLING SERVICES AND OTHER CONSTRUCTION, AND FOR INSPECTIONS.
- PAVING CONTRACTOR IS RESPONSIBLE TO REVIEW ALL FIELD ESTABLISHED GRADES PRIOR TO PLACEMENT OF MATERIALS SO AS TO PROVIDE POSITIVE DRAINAGE IN ALL CASES.
- CONTRACTOR SHALL COORDINATE AND PROVIDE ALL STAKING NECESSARY TO INSTALL CONDUITS SUFFICIENT FOR UTILITY AND IRRIGATION SERVICES WHETHER OR NOT SHOWN ON THE CIVIL ENGINEER'S PLANS.
- GRADES NOT OTHERWISE INDICATED ON THE PLANS SHALL BE UNIFORM LEVELS OR SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE GIVEN. ABRUPT CHANGES IN SLOPES SHALL BE WELL ROUNDED. THE CONTRACTOR IS RESPONSIBLE FOR POSITIVE SITE DRAINAGE.
- CONTRACTOR IS RESPONSIBLE TO MEET AND MATCH NEW PAVEMENT WITH EXISTING ADJACENT PAVEMENT AREAS. THE TRANSITION BETWEEN THIS SITE AND ADJACENT SITES MUST BE SMOOTH AND MONOLITHIC. ALL GRADING MUST MEET AND MATCH GRADES ON ALL SIDES.
- ACCESSIBLE ROUTES AND SIDEWALKS ARE NOT TO EXCEED 5% RUNNING SLOPE (EXCEPT AT RAMPS) AND 2% CROSS. ACCESSIBLE PARKING AND ACCESS AISLES NOT TO EXCEED 2% SLOPE IN ANY DIRECTION. ALL RAMPS SHALL COMPLY WITH THE APPLICABLE ACCESSIBLE DESIGN GUIDELINES.
- ALL CUT OR FILL SLOPES SHALL BE 3H:1V OR FLATTER UNLESS OTHERWISE NOTED.
- LANDSCAPE ISLANDS TO BE FILLED WITH SOIL SUITABLE FOR VEGETATION. THE CONTRACTOR WILL ENSURE THAT NO PONDING WILL OCCUR AT LANDSCAPE ISLANDS. ALL SURFACE WATER MUST DRAIN AROUND THE ISLAND WITH POSITIVE SLOPE. NO WATER SHALL BE TRAPPED.
- CONTRACTOR SHALL MEET AND MATCH TOP OF JUNCTION BOXES/MANHOLES OR CLEANOUTS WITH FINISHED PAVING GRADES. FINAL GRADES OF ABOVE SURFACE UTILITIES NOT IN PAVED AREAS, INCLUDING BUT NOT LIMITED TO JUNCTION BOX/MANHOLE LIDS, WATER METER LIDS, AND SEWER CLEANOUTS, ARE TO BE ADJUSTED BY THE UTILITY CONTRACTOR TO CONFORM TO LANDSCAPING SOD INSTALLATIONS.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL AND MEP PLANS FOR THE EXACT LOCATIONS AND DIMENSIONS OF ENTRY, EXIT PORCHES, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE LOCATIONS, AND DOWNSPOUTS.
- EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED. EXISTING PIPES ARE TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS AT THE COMPLETION OF THE PROJECT.
- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE THE EXISTING STRUCTURE AS NECESSARY.
- ALL STORM PIPE ENTERING CONCRETE STRUCTURES SHALL BE GROUTED TO ENSURE CONNECTION AT STRUCTURE IS WATER TIGHT.
- CONTRACTOR IS RESPONSIBLE FOR TEMPORARY ACCESS ROADS AND SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM BUILDING AND STRUCTURES FOR ALL GRASSED AND PAVED AREAS OF ENTIRE SITE THROUGHOUT CONSTRUCTION AND AVOID PONDING OR RUTTING. TEMPORARY DEWATERING, INCLUDING PUMPING, MAY BE REQUIRED AND SHALL BE INCLUDED IN THE SCOPE OF WORK.
- UNLESS OTHERWISE INDICATED, ALL DISTURBED SOIL AREAS SHALL RECEIVE FOUR (4) INCHES OF TOPSOIL AND SHALL BE PERMANENTLY STABILIZED WITH SEED OR SOD.
- REMOVE ALL TREES (INCLUDING ROOTBALLS), GRASS, WEEDS, ROOTS, AND OTHER DEBRIS FROM THE AREA TO BE EXCAVATED, FILLED, OR GRADED.
- EXISTING TREES WHERE INDICATED SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES. ALL TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING. ALL TREE PROTECTION FENCING TO BE INSPECTED DAILY AND ALL GRADING ACTIVITIES TO REMAIN OUTSIDE THE DRIP LINES.

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OWASSO
8th GRADE
ADDITION

OWASSO PUBLIC
SCHOOLS

OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL
CITY RESUBMITTAL

11.25.2025
02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

248010.01
ANW

PROJECT NO
CHECKED BY

GENERAL NOTES 1

C101

SHEET TITLE

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GENERAL UTILITY NOTES:

1. PRIOR TO CONSTRUCTION, LOCATION OF SITE UTILITIES SHALL BE VERIFIED BY CONTRACTOR WITH THE PROPER UTILITY COMPANY PROVIDING SERVICE. SERVICE LINES SHOWN FOR COORDINATION AND REFERENCE ONLY. CONTRACTOR SHALL COORDINATE WITH ALL SERVICE PROVIDERS (TELECOMMUNICATIONS, ELECTRIC, GAS, ETC.) PRIOR TO INSTALLING SERVICE LINES OR APPURTENANCES. CONTRACTOR IS TO COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
2. THIS PLAN DEPICTS THE INTENT OF PRIVATE AND FRANCHISE UTILITY ROUTINGS AS UNDERSTOOD DURING DESIGN PHASES OF THE PROJECT. IT IS THE OWNER/DEVELOPER'S RESPONSIBILITY TO NEGOTIATE ALL CONTRACTS FOR SERVICE WITH EACH INDIVIDUAL UTILITY COMPANY AND TO PROVIDE THE ENGINEER WITH ANY DOCUMENTS THAT MAY AFFECT THE LAYOUT.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES' INSPECTORS BEFORE CONNECTING TO ANY EXISTING LINE IN ACCORDANCE WITH LOCAL REQUIREMENTS.
4. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE SPECIFICATIONS OF THE LOCAL AUTHORITIES REGARDING TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
5. NOT ALL EXISTING UNDERGROUND UTILITIES MAY BE SHOWN ON THIS PLAN. THE EXACT LOCATIONS AND NOTIFICATIONS OF THE PROPER AGENCY ARE THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO CONSTRUCTION.
6. RESTRAINED JOINTS SHALL BE PROVIDED ON 4" AND LARGER WATER LINES AT ALL BENDS TEES AND FIRE HYDRANTS FOR A MINIMUM 2 JOINTS BOTH SIDES OF FITTING PER AWWA MINIMUM STANDARDS.
7. CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING PLANS FOR PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS. TERMINATE SERVICE PIPING 5' FROM BUILDING WALL UNTIL BUILDING PIPING SYSTEMS ARE INSTALLED. TERMINATE PIPING WITH VALVE AND CAP PLUG OR FLANGE AS REQUIRED FOR PIPING MATERIAL. MAKE CONNECTIONS TO BUILDING PIPING SYSTEMS WHEN THOSE SYSTEMS ARE INSTALLED.
8. REFER TO PLUMBING AND/OR FIRE PROTECTION SHEETS FOR FIRE LINE LEAD-IN LOCATION AND DETAIL. CONTRACTOR SHALL UTILIZE AWWA AND FACTORY MUTUAL TEST AND CERTIFICATIONS FOR ALL UNDERGROUND FIRE PROTECTION LINES AS A MINIMUM. LOCAL OR STATE AUTHORITIES MAY REQUIRE MORE STRINGENT TESTING WHICH SHALL BE PROVIDED BY THE GC IF REQUIRED.
9. FIRE LINE BACKFLOW PREVENTER (DOUBLE CHECK ASSEMBLY) SHALL BE LOCATED INSIDE THE BUILDING.
10. ALL PIPING SHALL BE INSTALLED WITH A MINIMUM OF 30" OF COVER, UNLESS NOTED OTHERWISE. ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS. UTILITY TRENCH DETAIL RE: J/C800. STORM TRENCH DETAIL RE: K/C800.
11. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING FOR CONTINUATION OF UTILITIES AT BUILDING.
12. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL CONDUITS (INCLUDING IRRIGATION SLEEVES) PRIOR TO PAVING WHETHER OR NOT SHOWN ON CIVIL PLANS. THE CONTRACTOR SHALL INSTALL ALL CONDUITS WITH A PULL STRING. ALL CONDUIT SHALL BE SCH. 40 PVC, UNLESS NOTED OTHERWISE.
13. CONSTRUCT CLAY TRENCH PLUG THAT EXTENDS AT LEAST 5 FEET OUT FROM THE FACE OF THE BUILDING EXTERIOR. THE PLUG MATERIAL SHALL CONSIST OF CLAY COMPACTED AT A WATER CONTENT AT OR ABOVE THE SOIL'S OPTIMUM WATER CONTENT. THE CLAY FILL SHALL BE PLACED TO COMPLETELY SURROUND THE UTILITY LINE AND BE COMPACTED TO AT LEAST 95% STANDARD PROCTOR DENSITY.
14. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE THE EXISTING STRUCTURE AS NECESSARY.
15. ALL STORM PIPE ENTERING CONCRETE STRUCTURES SHALL BE GROUTED WITH NON SHRINK GROUT TO ASSURE CONNECTION AT STRUCTURE IS WATER TIGHT.
16. PROVIDE SLEEVE WITH LINK-SEAL (OR APPROVED EQUAL) AT GRADE BEAM PENETRATION LOCATIONS (RE: STRUCTURAL FOR DETAIL).
17. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF ANY PROPOSED SIGN(S) AND INSTALLATION OF ANY SECURITY CAMERAS WITH OWNER'S CONSTRUCTION MANAGER. COORDINATE WITH ELECTRICAL SITE PLAN TO PROVIDE ALL CONDUIT NEEDED FOR DATA AND/OR POWER TO SITE SIGN(S), SECURITY CAMERAS, AND LIGHT POLES.
18. SANITARY SEWER CLEANOUTS SHALL BE PROVIDED FOR DRAINAGE PIPING IN ACCORDANCE WITH 2018 INTERNATIONAL PLUMBING CODE (IPC) SECTIONS 708.1.1 THROUGH 708.1.11. SEE DETAIL H/C800 FOR SANITARY SEWER CLEANOUT DETAIL.

GENERAL STORM SEWER NOTES

1. ALL PIPING SHALL BE INSTALLED WITH A MINIMUM OF 30" OF COVER, UNLESS NOTED OTHERWISE. ALL TRENCHING, PIPE LAYING AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS. UTILITY TRENCH DETAIL RE: J/C800. STORM TRENCH DETAIL RE: K/C800.
2. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE THE EXISTING STRUCTURE AS NECESSARY.
3. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED WITH NON SHRINK GROUT TO ASSURE CONNECTION AT STRUCTURE IS WATER TIGHT.
4. ALL STORM SEWER SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT CITY STANDARD CONSTRUCTION SPECIFICATIONS.
5. THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS BEFORE EXCAVATING.
6. THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS DEPARTMENT AT LEAST 24 HOURS PRIOR TO START OF CONSTRUCTION.
7. MANHOLES AND APPURTENANCE DETAILS SHALL BE APPROVED BY THE CITY ENGINEER BEFORE CONSTRUCTION IS STARTED.
8. ALL STORM SEWER MAIN PIPE SHALL BE HIGH-DENSITY POLYETHYLENE (HDPE), ADS N-12, OR EQUIVALENT, CORRUGATED, SMOOTH INTERIOR PLASTIC PIPE.
9. ALL STORM SEWER PIPE AND FITTINGS TO INTERIOR AREA INLETS SHALL BE POLYVINYL CHLORIDE (PVC), SDR 35, SOLID WALL PLASTIC PIPE.
10. IF REINFORCED CONCRETE PIPE (RCP) IS USED, IT SHALL CONFORM TO ASTM C-76 CLASS III, WALL "B", UNLESS OTHERWISE NOTED. OMNI-FLEX JOINTS SHALL BE REQUIRED ON ALL REINFORCED CONCRETE PIPE.
11. STORM SEWER BEDDING, BACKFILL, AND COMPACTION SHALL BE IN ACCORDANCE WITH CITY STANDARD DRAWINGS.
12. ALL STORM SEWER LINES NOT UNDER PAVING SHALL BE LAID IN TYPE A AGGREGATE BEDDING TO A MINIMUM DEPTH OF 12 INCHES ABOVE THE TOP OF PIPE. THE TRENCH MAY BE BACKFILLED WITH COMPACTED SOIL UPON APPROVAL BY THE INSPECTOR.
13. STORM SEWER LINES LOCATED UNDER PAVED STREETS SHALL BE LAID IN TYPE A AGGREGATE BEDDING AND THE TRENCH COMPLETELY FILLED TO SUBGRADE WITH TYPE A AGGREGATE COMPACTED TO 95% STANDARD PROCTOR DENSITY.
14. PIPE BACKFILL SHALL BE PLACED IN LIFTS NOT EXCEEDING EIGHT (8) INCHES, AND COMPACTED BY VIBRATORY PLATE OR OTHER METHOD APPROVED BY THE ENGINEER.
15. PAVING SUBGRADE SHALL BE RESTORED TO PROPER GRADE (+ OR - 0.1 FT) AND DENSITY AFTER PIPE IS BACKFILLED.
16. ALL PRECAST MANHOLES SHALL HAVE ADJUSTABLE TOP RIMS PROVIDING SIX (6) INCHES, PLUS OR MINUS, FOR ADJUSTMENT TO FINAL GRADES. ELEVATIONS SHOWN ON PLANS MAY BE ADJUSTED WHILE THE WORK IS IN PROGRESS TO CONFORM TO FINAL IN-PLACE PAVING AND LANDSCAPE GRADES.
17. THE UTILITY CONTRACTOR ASSUMES THE RISK OF ORDERING PRECAST CONCRETE COMPONENTS PRIOR TO FIELD STAKING AND REVIEW OF FIELD CONDITIONS AT THE TIME OF CONSTRUCTION.
18. VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL DISTURBED AREAS AS SOON AS THE WORK IS COMPLETED.

NOTE: ALL STORM SEWER IS PUBLIC UNLESS OTHERWISE NOTED HEREIN.

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ADDITION

OWASSO PUBLIC
SCHOOLS

OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL
CITY RESUBMITTAL

11.25.2025
02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

2408181.01
LSD
ANW

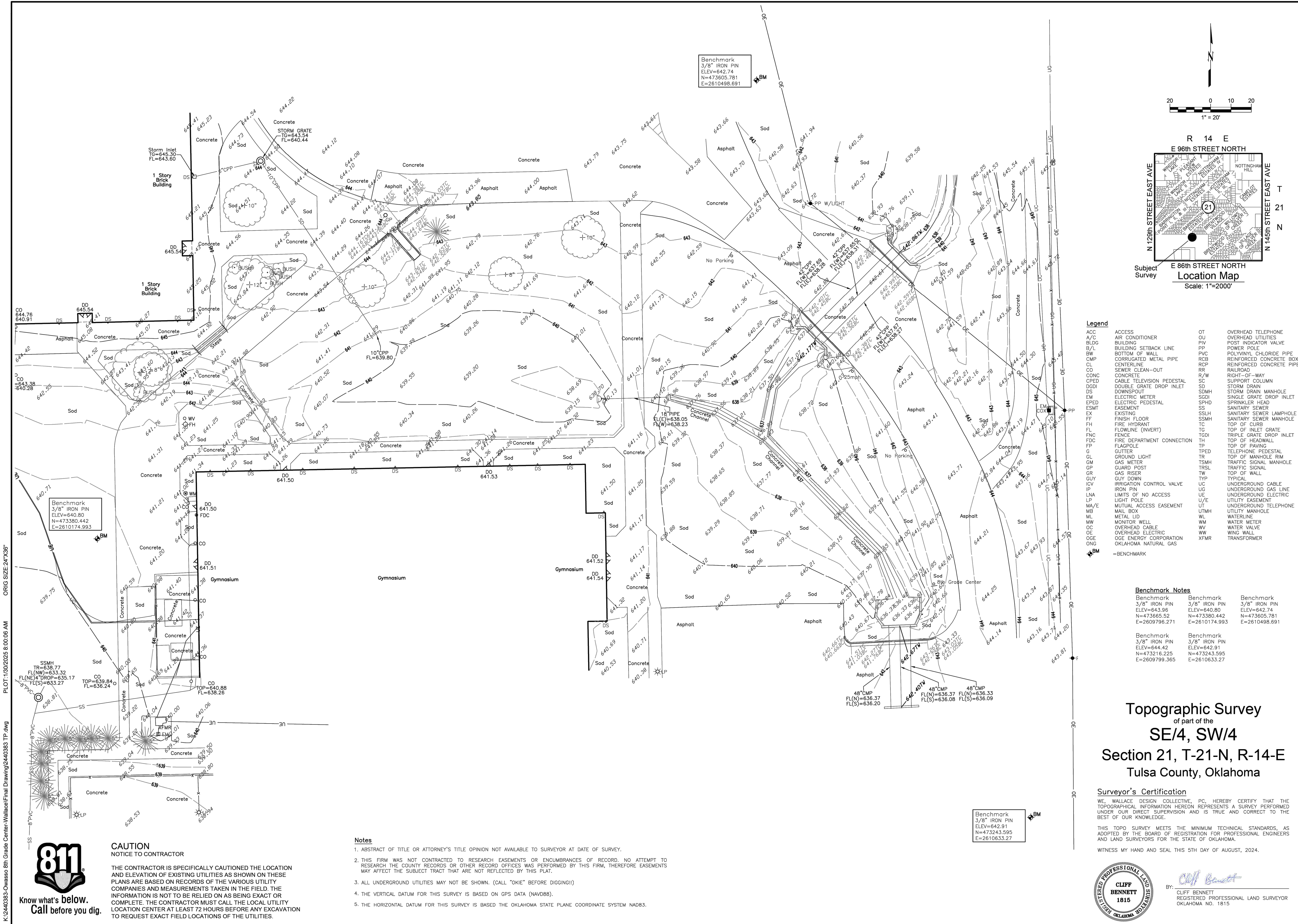
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GENERAL NOTES 2

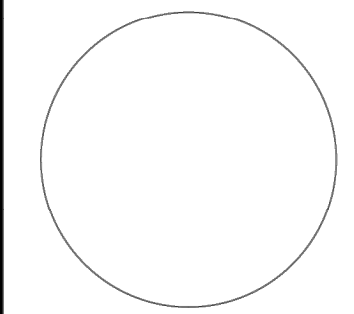
C102

SHEET TITLE

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Owasso 8th Grade Center

12901 E. 86th St. N., Owasso, Oklahoma

REV	DESCRIPTION	DATE	DATE
1	LAST SITE VISIT BY GCI	07/31/24	08/05/24
2	FIELD VISIT	01/27/25	
3	REV3/DESC	REV/DATE	
4	REV4/DESC	REV/DATE	
5	REV5/DESC	REV/DATE	

PROJECT NO. 2440383
SHEET NAME
TOPOGRAPHIC SURVEY
SHEET NO. 1 OF 3

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OWASSO 8th GRADE ADDITION

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

11.25.2025

ISSUE DATE

TOPOGRAPHIC
SURVEY 1

2440383.01
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C103

SHEET TITLE

SURVEY NOTE:
THIS SHEET IS FOR THE CONVENIENCE OF THE CONTRACTOR. IT IS INTENDED FOR GENERAL SURVEY INFORMATION ONLY. ORIGINAL SURVEY DRAWINGS AVAILABLE UPON REQUEST.
NOTE: SURVEY SCALED TO FIT PAGE.

K:\2440383-Owasso 8th Grade Center-Wallace\Final Drawing\2440383 TP.dwg PLOT:1/30/2025 8:01:28 AM ORIG SIZE 24"x36"



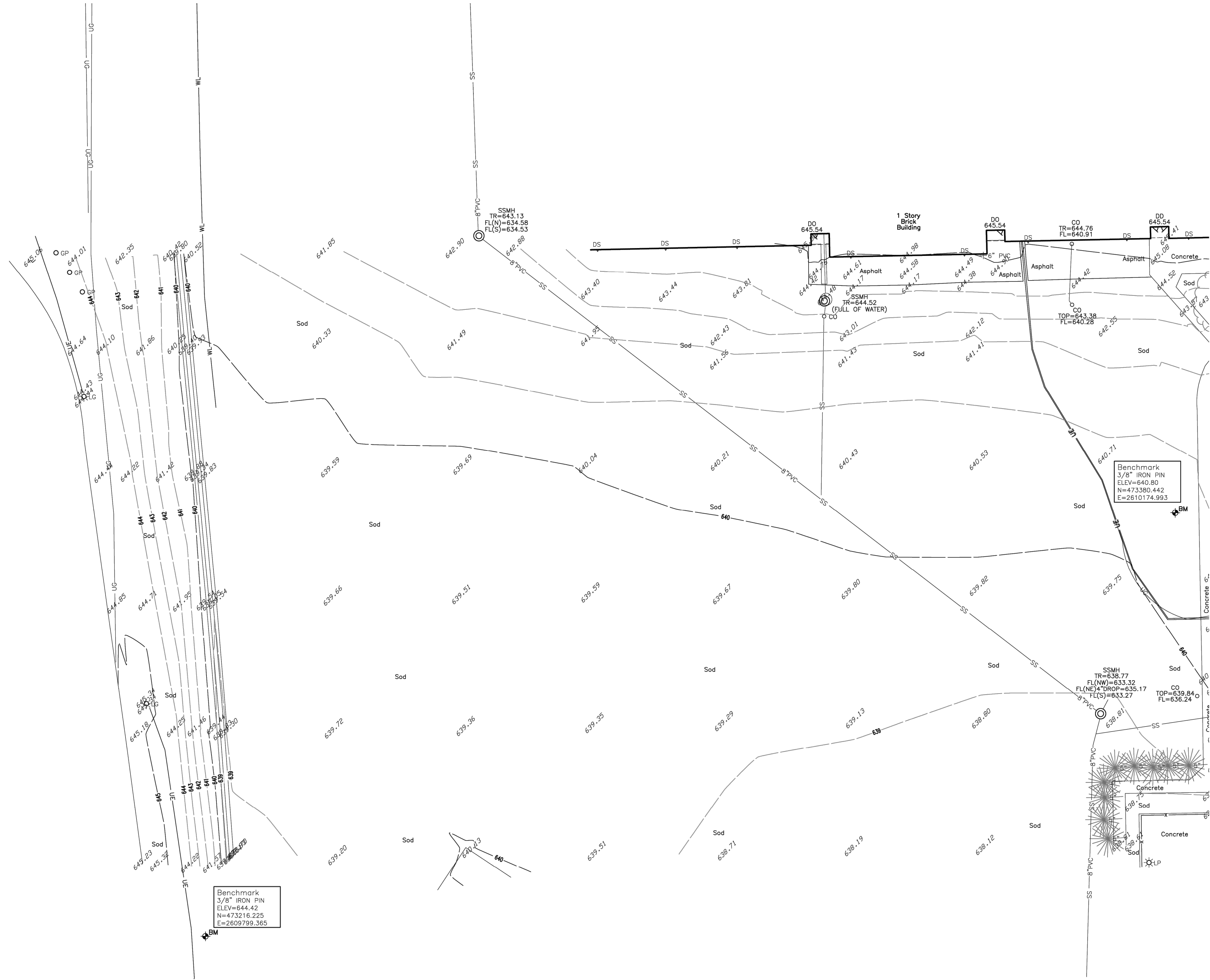
Know what's below.
Call before you dig.

CAUTION NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES.

Notes

1. ABSTRACT OF TITLE OR ATTORNEY'S TITLE OPINION NOT AVAILABLE TO SURVEYOR AT DATE OF SURVEY.
2. THIS FIRM WAS NOT CONTRACTED TO RESEARCH EASEMENTS OR ENCUMBRANCES OF RECORD. NO ATTEMPT TO RESEARCH THE COUNTY RECORDS OR OTHER RECORD OFFICES WAS PERFORMED BY THIS FIRM, THEREFORE EASEMENTS MAY AFFECT THE SUBJECT TRACT THAT ARE NOT REFLECTED BY THIS PLAT.
3. ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. (CALL "OKIE" BEFORE DIGGING!)
4. THE VERTICAL DATUM FOR THIS SURVEY IS BASED ON GPS DATA (NAVD83).
5. THE HORIZONTAL DATUM FOR THIS SURVEY IS BASED THE OKLAHOMA STATE PLANE COORDINATE SYSTEM NAD83.



Legend

ACC	ACCESS	OT	OVERHEAD TELEPHONE
A/C	AIR CONDITIONER	O/U	OVERHEAD UTILITIES
B/DG	BUILDING	PV	POST INDICATOR VALVE
B/L	BUILDING SETBACK LINE	PP	POWER POLE
BW	BOTTOM OF WALL	PVC	POLYVINYL CHLORIDE PIPE
CMP	CORRUGATED METAL PIPE	RCB	REINFORCED CONCRETE BOX
CL	CENTERLINE	RCP	REINFORCED CONCRETE PIPE
CO	SEWER CLEAN-OUT	R/W	RAILROAD
C/CONC	CONCRETE	SD	RIGHT-OF-WAY
CPED	CABLE TELEVISION PEDESTAL	SC	SUPPORT COLUMN
DDGI	DOUBLE GRATE DROP INLET	SD	STORM DRAIN
DS	DOWNSPOUT	SDMH	STORM DRAIN MANHOLE
EM	ELECTRIC METER	SGDI	SINGLE GRATE DROP INLET
EPED	ELECTRIC PEDESTAL	SPHD	SPRINKLER HEAD
ESMT	EASEMENT	SS	SANITARY SEWER
EX	EXISTING	SSLH	SANITARY SEWER LAMPHOLE
FF	FINISH FLOOR	SSMH	SANITARY SEWER MANHOLE
FH	FIRE HYDRANT	TC	TOP OF CURB
FL	FLOWLINE (INVERT)	TG	TOP OF INLET GRATE
FNC	FENCE	TGDI	TRIPLE GRATE DROP INLET
FND	FOUND	TH	TOP OF HEADWALL
FP	FLAGPOLE	TP	TOP OF PAVING
G	GUTTER	TPED	TELEPHONE PEDESTAL
GL	GROUND LIGHT	TR	TOP OF MANHOLE RIM
GM	GAS METER	TSMH	TRAFFIC SIGNAL MANHOLE
GP	GUARD POST	TRSL	TRAFFIC SIGNAL
GR	GAS RISER	TW	TOP OF WALL
GUY	GUY DOWN	TYP	TYPICAL
ICV	IRRIGATION CONTROL VALVE	UC	UNDERGROUND CABLE
IP	IRON PIN	UG	UNDERGROUND GAS LINE
LNA	LIMITS OF NO ACCESS	UE	UNDERGROUND ELECTRIC
LP	LIGHT POLE	U/E	UTILITY EASEMENT
MA/E	MUTUAL ACCESS EASEMENT	UT	UNDERGROUND TELEPHONE
MB	MAIL BOX	UTMH	UTILITY MANHOLE
ML	METAL LID	WL	WATERLINE
MW	MONITOR WELL	WM	WATER METER
OW	OVERHEAD CABLE	WV	WATER VALVE
OE	OVERHEAD ELECTRIC	WW	WING WALL
OGE	OGE ENERGY CORPORATION	XFMR	TRANSFORMER
ONG	OKLAHOMA NATURAL GAS		
BM	=BENCHMARK		

Benchmark Notes

Benchmark 3/8" IRON PIN ELEV=643.96 N=473380.442 E=2609796.271	Benchmark 3/8" IRON PIN ELEV=640.80 N=473380.442 E=2610174.993	Benchmark 3/8" IRON PIN ELEV=642.74 N=473380.781 E=2610498.691
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Benchmark 3/8" IRON PIN ELEV=644.42 N=473216.225 E=2609799.365	Benchmark 3/8" IRON PIN ELEV=642.91 N=473243.595 E=2610633.27
--	---

Topographic Survey of part of the SE/4, SW/4 Section 21, T-21-N, R-14-E Tulsa County, Oklahoma

Surveyor's Certification

WE, WALLACE DESIGN COLLECTIVE, PC, HEREBY CERTIFY THAT THE TOPOGRAPHICAL INFORMATION HEREON REPRESENTS A SURVEY PERFORMED UNDER OUR DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

THIS TOPO SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS, AS ADOPTED BY THE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS FOR THE STATE OF OKLAHOMA.

WITNESS MY HAND AND SEAL THIS 5TH DAY OF AUGUST, 2024.



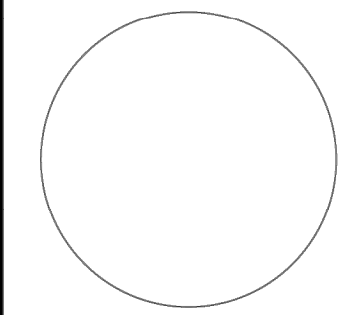
BY:

Cliff Bennett

CLIFF BENNETT
REGISTERED PROFESSIONAL LAND SURVEYOR
OKLAHOMA NO. 1815



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structural-civil-landscape-survey
123 north martin luther king jr. blvd.
tulsa, oklahoma 74103
918.584.5858
oklahoma ca #1460
exp: 6-30-25



Owasso 8th Grade Center

12901 E. 86th St. N., Owasso, Oklahoma

REV	DESCRIPTION	DATE
1	LAST SITE VISIT BY GCI	07/31/24
2	FIELD VISIT	01/27/25
3	REV3/DESC	REV3/DATE
4	REV4/DESC	REV4/DATE
5	REV5/DESC	REV5/DATE

DATE	08/05/24
PROJECT NO.	2440383
SHEET NAME	TOPOGRAPHIC SURVEY
SHEET NO.	2
OF 3	

SURVEY NOTE:
THIS SHEET IS FOR THE CONVENIENCE OF THE CONTRACTOR. IT IS INTENDED FOR GENERAL SURVEY INFORMATION ONLY. ORIGINAL SURVEY DRAWINGS AVAILABLE UPON REQUEST.
NOTE: SURVEY SCALED TO FIT PAGE.

the.stacy.group
architecture, interiors

8091 N. Owasso Expressway
Owasso, Oklahoma 74055
phone: 918.272.2622
web: stacy-group.com

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tulsa, oklahoma 74103
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oklahoma ca #1460
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OWASSO 8th GRADE ADDITION

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

11.25.2025

TOPOGRAPHIC
SURVEY 2

C104

K:\2440383-Owasso 8th Grade Center-Wallace\Final Drawing\2440383 TP.dwg PLOT:1/30/2025 8:02:42 AM ORIG SIZE:24"x36"



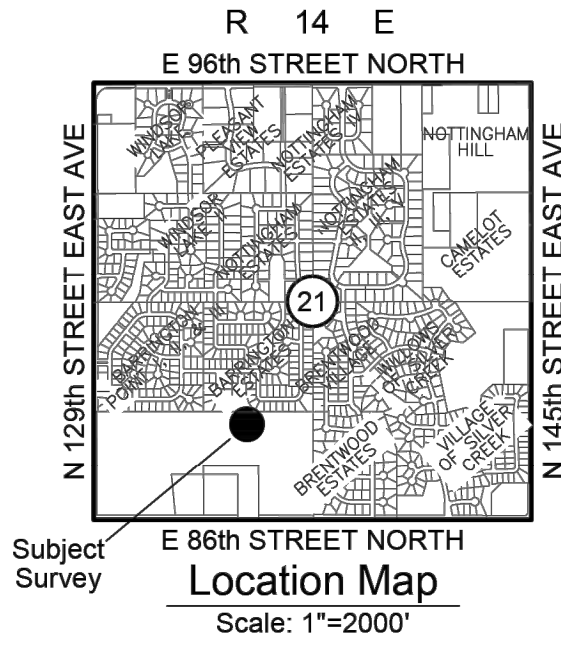
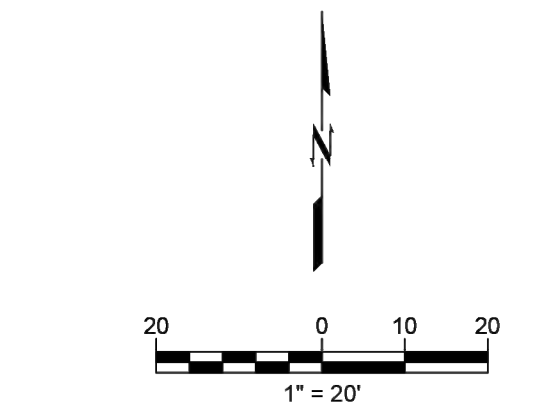
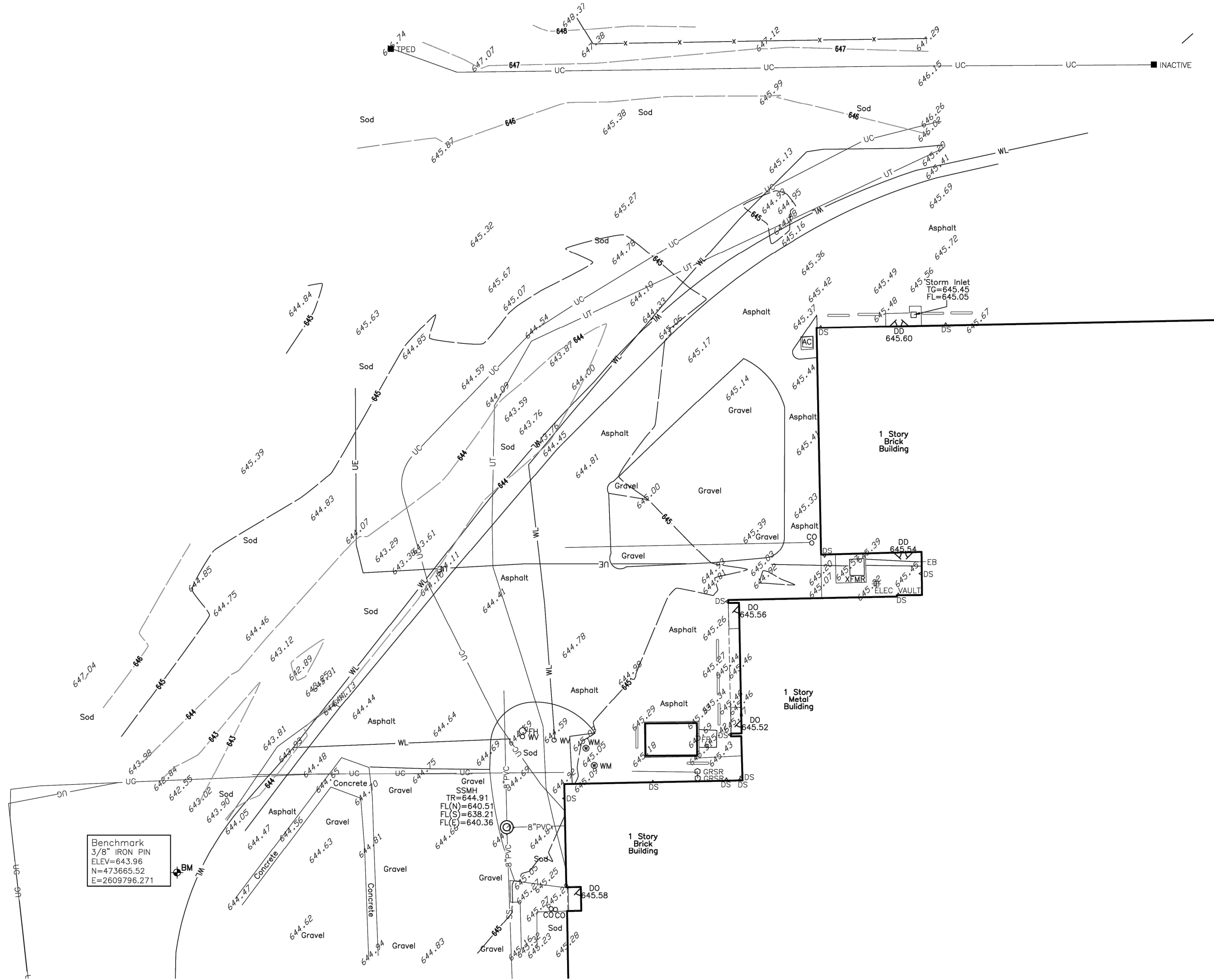
Know what's below.
Call before you dig.

CAUTION NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES.

Notes

1. ABSTRACT OF TITLE OR ATTORNEY'S TITLE OPINION NOT AVAILABLE TO SURVEYOR AT DATE OF SURVEY.
2. THIS FIRM WAS NOT CONTRACTED TO RESEARCH EASEMENTS OR ENCUMBRANCES OF RECORD. NO ATTEMPT TO RESEARCH THE COUNTY RECORDS OR OTHER RECORD OFFICES WAS PERFORMED BY THIS FIRM, THEREFORE EASEMENTS MAY AFFECT THE SUBJECT TRACT THAT ARE NOT REFLECTED BY THIS PLAN.
3. ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. (CALL "OKIE" BEFORE DIGGING!)
4. THE VERTICAL DATUM FOR THIS SURVEY IS BASED ON GPS DATA (NAVD88).
5. THE HORIZONTAL DATUM FOR THIS SURVEY IS BASED THE OKLAHOMA STATE PLANE COORDINATE SYSTEM NAD83.



Legend

ACC	ACCESS	OT	OVERHEAD TELEPHONE
A/C	AIR CONDITIONER	OU	OVERHEAD UTILITIES
BUD	BUILDING	PV	POST INDICATOR VALVE
B/L	BUILDING SETBACK LINE	PP	POWER POLE
BW	BOTTOM OF WALL	PVC	POLYVINYL CHLORIDE PIPE
CMP	CORRUGATED METAL PIPE	RCB	REINFORCED CONCRETE BOX
CL	CENTERLINE	RCR	REINFORCED CONCRETE PIPE
CO	CONCRETE	R/W	RIGHT-OF-WAY
CPED	CABLE TELEVISION PEDESTAL	SC	SUPPORT COLUMN
DDI	DOUBLE GRATE DROP INLET	SD	STORM DRAIN
DS	DOWNSPOUT	SDMH	STORM DRAIN MANHOLE
EM	ELECTRIC METER	SGDI	SINGLE GRATE DROP INLET
EPED	ELECTRIC PEDESTAL	SPHD	SPRINKLER HEAD
ESMT	EASEMENT	SS	SANITARY SEWER
EX	EXISTING	SSLH	SANITARY SEWER LAMPHOLE
FF	FINISH FLOOR	SSMH	SANITARY SEWER MANHOLE
FH	FIRE HYDRANT	TC	TOP OF CURB
FL	FLOWLINE (INVERT)	TG	TOP OF INLET GRATE
FNC	FENCE	TGDI	TRIPLE GRATE DROP INLET
FND	FOUND	TH	TOP OF HEADWALL
FP	FLAGPOLE	TP	TOP OF PAVING
G	GUTTER	TPED	TELEPHONE PEDESTAL
GL	GROUND LIGHT	TR	TOP OF MANHOLE RIM
GM	GAS METER	TSMH	TRAFFIC SIGNAL MANHOLE
GP	GUARD POST	TRSL	TRAFFIC SIGNAL
GR	GAS RISER	TW	TOP OF WALL
GUY	GUY DOWN	TYP	TYPICAL
ICV	IRRIGATION CONTROL VALVE	UC	UNDERGROUND CABLE
IP	IRON PIN	UG	UNDERGROUND GAS LINE
LNA	LIGHT POLE	UE	UNDERGROUND ELECTRIC
LP	LIMITS OF NO ACCESS	U/E	UTILITY EASEMENT
MA/E	MUTUAL ACCESS EASEMENT	UT	UNDERGROUND TELEPHONE
MB	MAIL BOX	UTMH	UTILITY MANHOLE
ML	METAL LID	WL	WATERLINE
MW	MONITOR WELL	WM	WATER METER
OC	OVERHEAD CABLE	WV	WATER VALVE
OE	OVERHEAD ELECTRIC	WW	WING WALL
OGE	OKLAHOMA NATURAL GAS	XFMR	TRANSFORMER
ONG	OKLAHOMA NATURAL GAS		

BM = BENCHMARK

Benchmark Notes

Benchmark 3/8" IRON PIN ELEV=643.96 N=473665.52 E=2609796.271	Benchmark 3/8" IRON PIN ELEV=640.80 N=473665.442 E=2610174.993	Benchmark 3/8" IRON PIN ELEV=642.74 N=473665.781 E=2610498.691
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Topographic Survey of part of the SE/4, SW/4 Section 21, T-21-N, R-14-E Tulsa County, Oklahoma

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WITNESS MY HAND AND SEAL THIS 5TH DAY OF AUGUST, 2024.



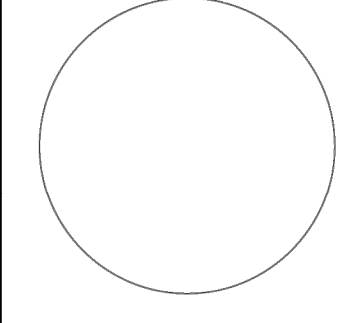
By:

Cliff Bennett

CLIFF BENNETT
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OKLAHOMA NO. 1815



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tulsa, oklahoma 74103
918.584.5858
oklahoma ca #1460
exp: 6-30-25



Owasso 8th Grade Center 12901 E. 86th St. N., Owasso, Oklahoma

REV	DESCRIPTION	DATE
1	LAST SITE VISIT BY GCI	07/31/24
2	FIELD VISIT	1/27/25
3	REV3DESC	REV3DATE
4	REV4DESC	REV4DATE
5	REV5DESC	REV5DATE

DATE 08/05/24
PROJECT NO. 2440383
SHEET NAME

TOPOGRAPHIC SURVEY
SHEET NO. 3 OF 3

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architecture, interiors

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expires 6/30/2027

OWASSO 8th GRADE ADDITION

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

11.25.2025

TOPOGRAPHIC
SURVEY 3

C105

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SF

LEGEND

SILT FENCE
RE: OWASSO STD. STRM-20

TEMPORARY SILT DIKE INLET PROTECTION
RE: ODOT STD TSD-2

STRAW WATTLES
RE: ODOT STD. R-8

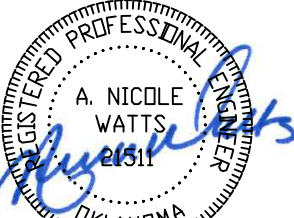
CONCRETE WASHOUT
RE: ODOT STD. R-13



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architecture, interiors

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2/12/2026

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OWASSO 8th GRADE ADDITION

OWASSO PUBLIC
SCHOOLS

OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL

CITY RESUBMITTAL

11.25.2025

02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

2480181.01
LSD
ANW

PROJECT NO.
DRAWN BY
CHKD BY

OVERALL EROSION
CONTROL PLAN

C200

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OWASSO 8th GRADE ADDITION

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

DEMOLITION &
PHASE I EROSION
CONTROL PLAN

2480181.01
ANNN

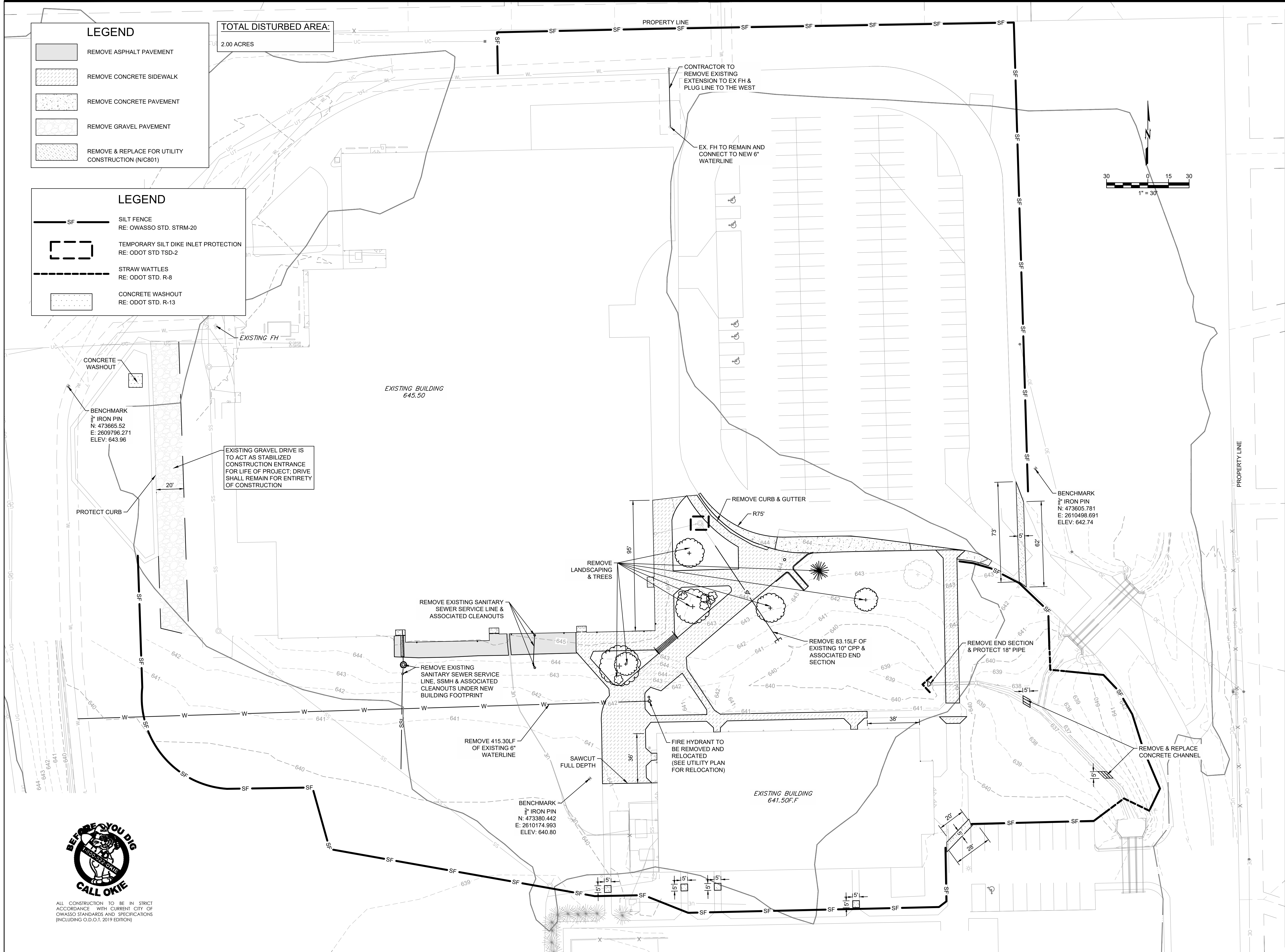
PROJECT NO.
DRAWN BY

CHECKED BY

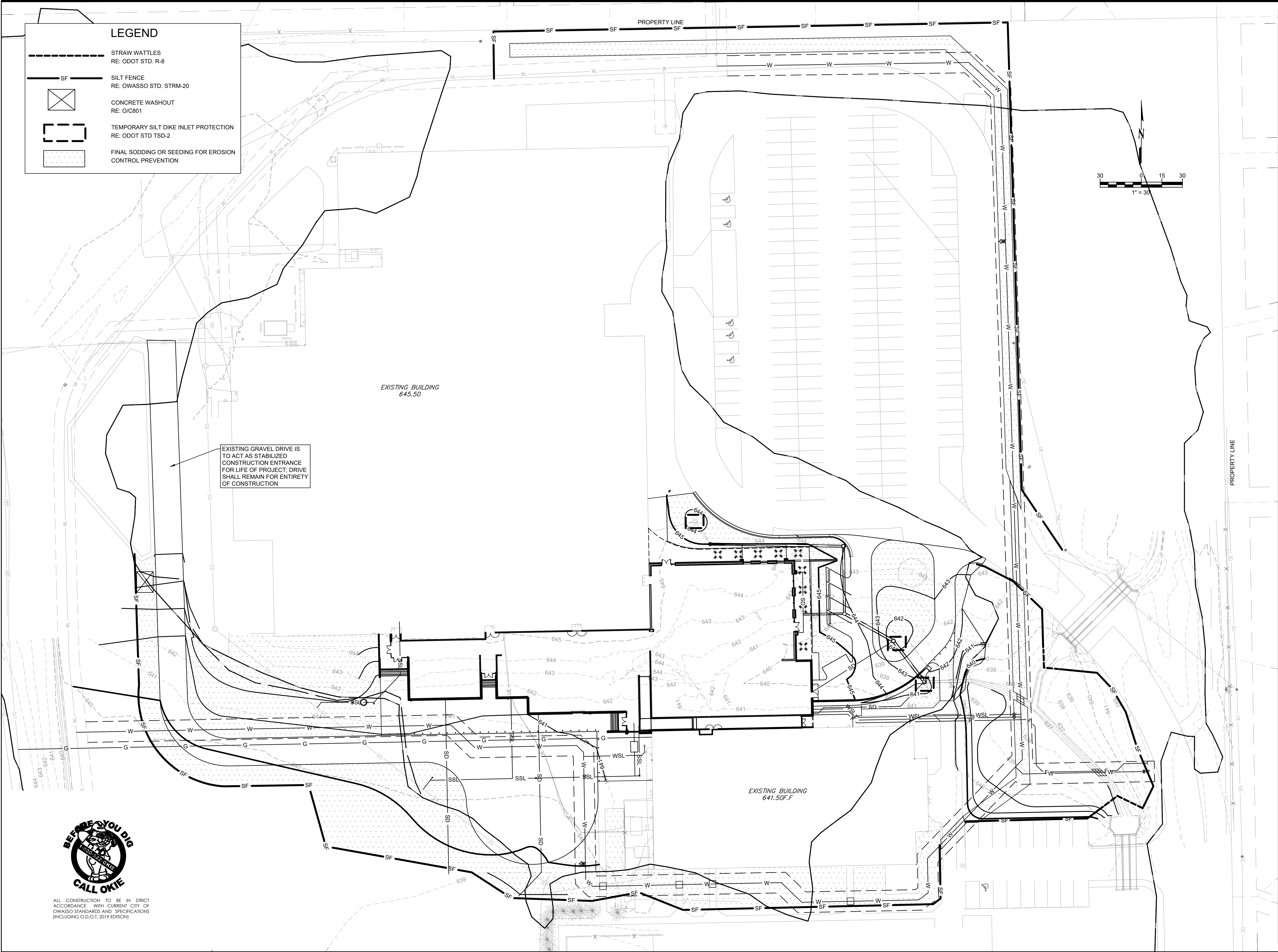
C201

SHEET TITLE

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LEGEND

STRAW WATTLES
RE: ODOT STD. R-8

SF

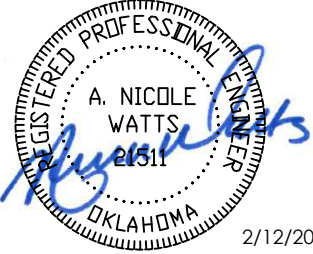
SILT FENCE
RE: OWASSO STD. STRM-20

X

CONCRETE WASHOUT
RE: OIC801

TEMPORARY SILT DIKE INLET PROTECTION
RE: ODOT STD TSD-2

FINAL SODDING OR SEEDING FOR EROSION
CONTROL PREVENTION



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918.584.5858
oklahoma ca #1460
expires 6/30/2027

OWASSO
8th GRADE
ADDITION

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

PHASE II EROSION
CONTROL PLAN

2480181.01 ERI
ANW PROJECT NO
DRAWN BY
CHK'D BY

C202

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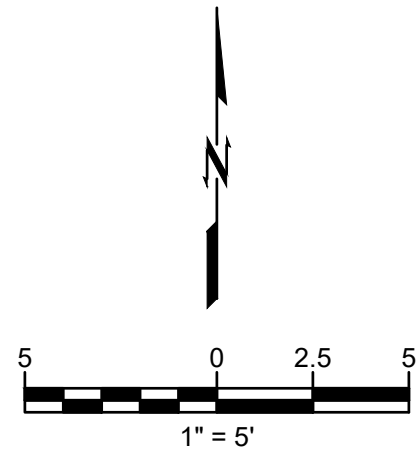
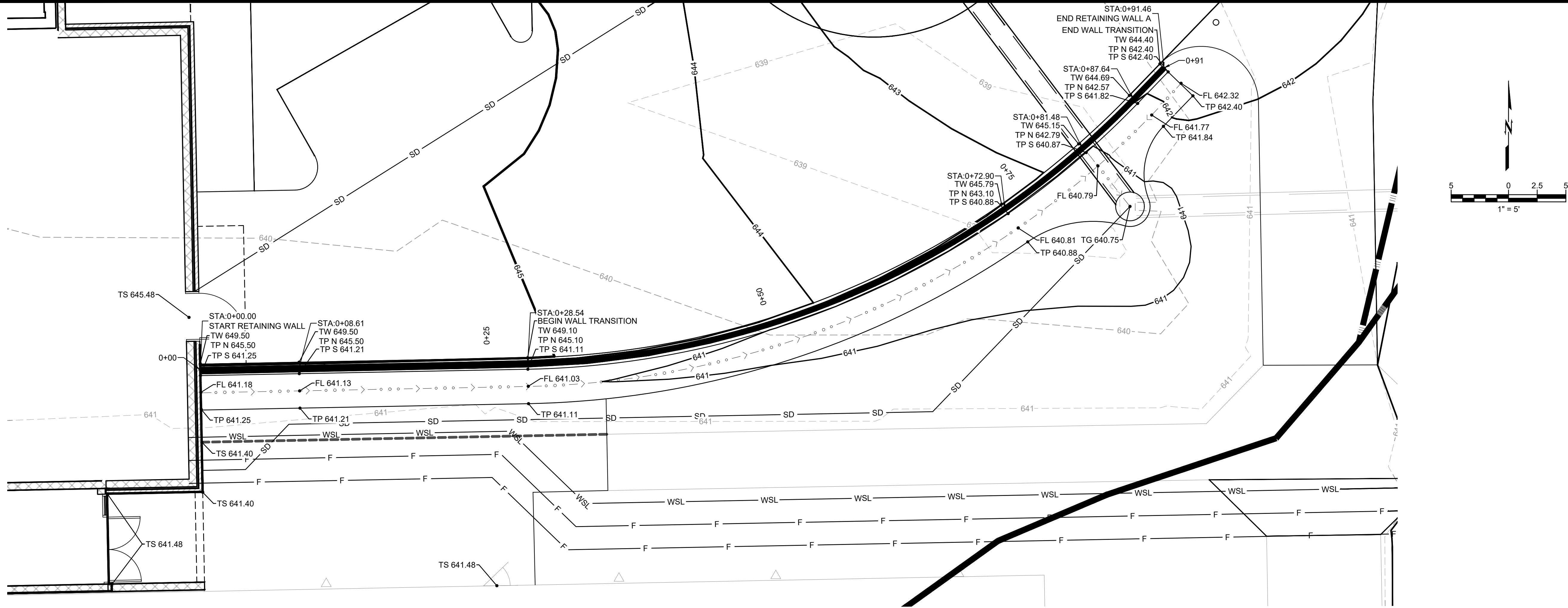


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OWASSO STANDARDS AND SPECIFICATIONS
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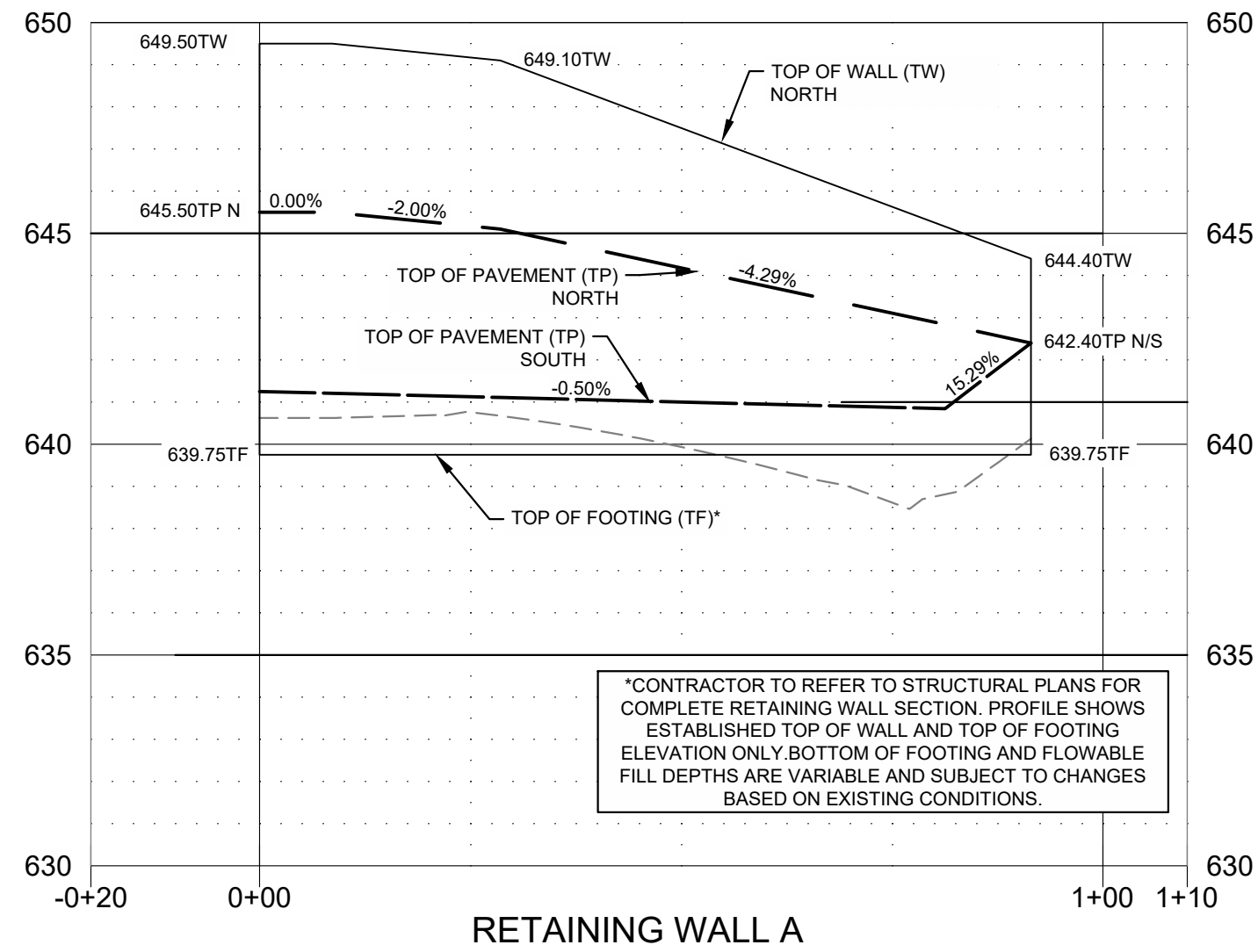
MEET TITLE

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A Retaining Wall A - Plan

Scale: 1" = 5'



B Retaining Wall A - Profile

Scale: V: 1"=2'; H: 1"=20'



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OWASSO 8th GRADE ADDITION

OWASSO PUBLIC
SCHOOLS

OWASSO, OK
2025

PROJECT

KEY PLAN

REVISIONS

CITY SUBMITTAL
CITY RESUBMITTAL

11.25.2025
02.12.2026

11.25.2025

ISSUE DATE

RETAINING WALL
PLAN

2408181.01
LSD
ANW
PROJECT NO.
DRAWN BY
CHECKED BY

C301

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COMPENSATORY STORAGE VOLUME ANALYSIS

NET 2D AREA: 34,422.42 SF
CUT W/ IN OWASSO FLOODZONE: 412.09 CY
FILL W/ IN OWASSO FLOODZONE: 154.16 CY
NET VOLUME: 257.93 CY (CUT)

*1.15 FILL FACTOR

VOLUME ANALYSIS LEGEND

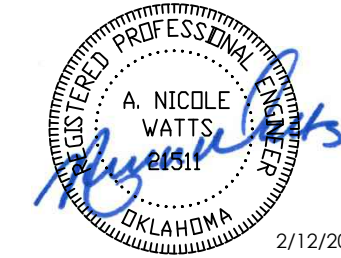
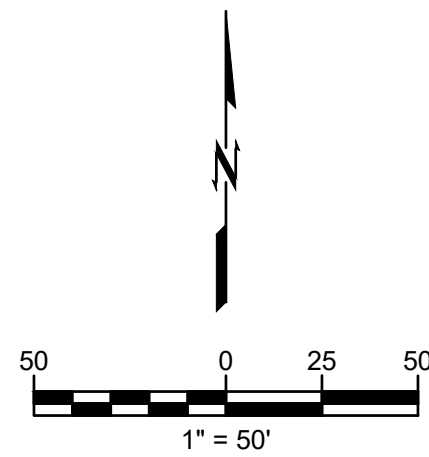
CUT SECTIONS
FILL SECTIONS

LEGEND

GRADING LIMITS
SLOPE LABEL
GRADING BREAK LINE
ACCESSIBLE ROUTE
PROPOSED MAJOR CONTOUR
PROPOSED MINOR CONTOUR
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
POINT OF ANALYSIS



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expires 6/30/2027

OWASSO
8th GRADE
ADDITION

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

PROJECT

KEY PLAN

REVISIONS

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

11.25.2025

ISSUE DATE

REVISED DETENTION
AREA &
COMPENSATORY
STORAGE

C302

SHEET TITLE

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STORM EVENT	RUNOFF SUMMARY (SCS)			
	EXISTING RUNOFF (CFS)	PROPOSED RUNOFF (CFS)	DIFFERENCE (CFS)	
	POA-1 (J07-04)	POA-1 (J07-04)	POA-1 (J07-04)	POA-1 (J07-04)
1 Year (100%)	135.8	131.0	-4.8	
2 Year (50%)	196.1	192.6	-3.5	
5 Year (20%)	382.1	381.9	-0.2	
10 Year (10%)	509.3	509.0	-0.3	
25 Year (4%)	667.1	666.8	-0.3	
50 Year (2%)	789.6	789.2	-0.4	
100 Year (1.0%)	920.5	919.6	-0.9	

*RUNOFF SUMMARY FLOWS ARE FROM THE CITY OF OWASSO MDP HEC-HMS MODEL UPDATED TO INCLUDE THE OWASSO 8TH GRADE PROJECT.

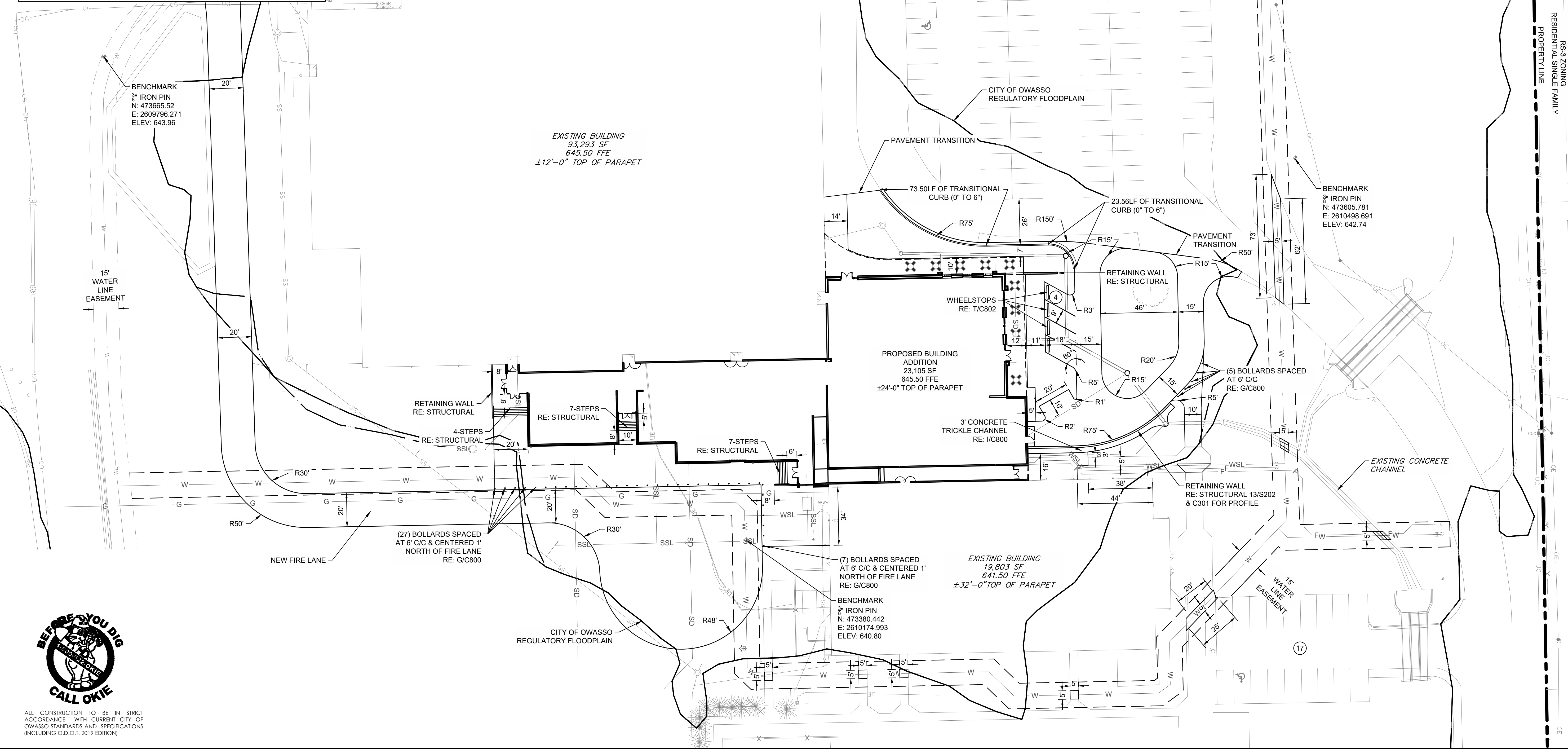
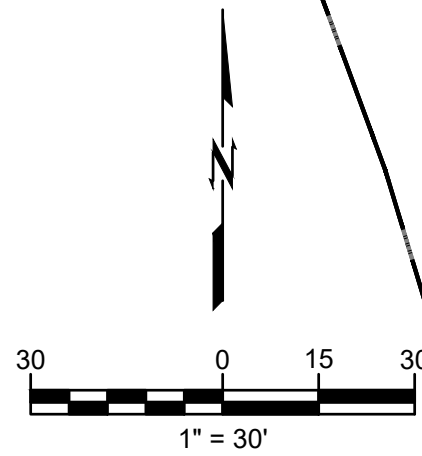
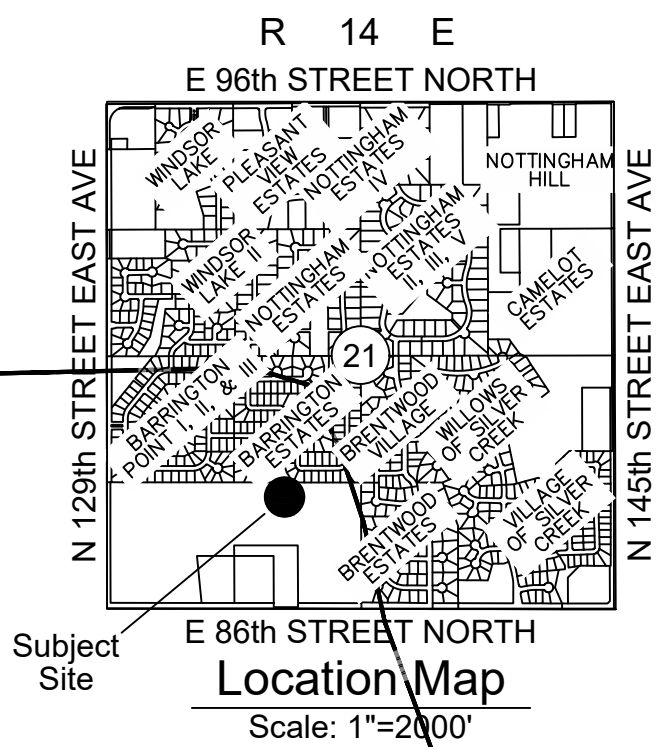
SITE DATA	
LAND AREA SUMMARY	
NET LAND AREA	332,803 SF (7.64 AC)
ZONING	
ZONING	PUBLIC FACILITIES (PF)
ADDRESS	
13901 EAST 86TH STREET NORTH	
BUILDING DATA	
EXISTING 8TH GRADE CENTER:	93,293 SF
EXISTING GYMNASIUM:	19,803 SF
PROPOSED ADDITION:	23,105 SF
TOTAL BUILDING:	136,201 SF
OFF-STREET PARKING REQUIREMENTS	
REQUIRE PARKING SPACES PROVIDED:	177
HANDICAP PARKING REQUIREMENTS	
REQUIRED:	6 HANDICAP SPACES
PROVIDE:	6 HANDICAP SPACES
IMPERVIOUS AREA	
TOTAL DISTURBED AREA:	87,120 SF (2.00 AC)
EXISTING IMPERVIOUS AREA:	310,557 SF (7.12 AC)
PROPOSED IMPERVIOUS AREA:	333,644 SF (7.65 AC)
NET INCREASE:	+ 23,086.80 SF
LEGAL DESCRIPTION	
S/2 SW LESS BEG SWC SE SE SW SW TH NW552.98 E388.06 N110 E660 S660 W POB & LESS W33 THEREOF FOR RD & LESS S60.01 E962.73 W995.73 THEREOF & LESS S60.01 E665.92 SE SW FOR RD SEC 21 21 14 62.602AC	
SECTION: 21 TOWNSHIP: 21 RANGE: 14	
FEMA FLOODPLAIN	
FIRM PANEL:	40143C0139L EFF. 10/15/12
	40143C0137K EFF. 08/02/09
DESIGNATION:	ZONE A

IMPERVIOUS AREA NOTE:

A DRAINAGE LETTER HAS BEEN PROVIDED TO THE CITY OWASSO WHICH PROVIDES AN ANALYSIS DEMONSTRATING THAT THERE IS NO SIGNIFICANT INCREASE IN THE 100-YEAR PEAK FLOWS AT EAST 86TH STREET NORTH AS THE STORMWATER LEAVES THE SITE. THE 100-YEAR FLOW AT JUNCTION J07-04 IS MODELED IN THE ECDMP HEC-RAS MODEL AS 970 CFS, SO THERE IS NO EXPECTED RISE IN IN THE MODELED WATER SURFACE ELEVATIONS AT AND DOWNSTREAM OF EAST 86TH STREET NORTH. THEREFORE, THERE ARE NO EXPECTED DOWNSTREAM ADVERSE EFFECTS DUE TO THIS PROPOSED DEVELOPMENT.

MISC. NOTES:

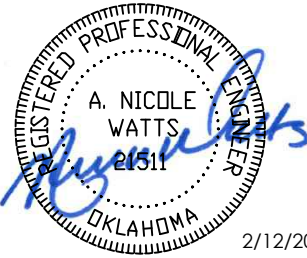
- ALL EXTERIOR LIGHTING FIXTURES SHALL BE FULL CUT-OFF AND SHIELDED
- ALL EXTERIOR HVAC EQUIPMENT SHALL BE FULLY SCREENED AS PER THE OWASSO ZONING CODE.



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architecture, interiors

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918.584.5858
oklahoma ca #1460
expires 6/30/2027

OWASSO 8th GRADE ADDITION

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

PROJECT

KEY PLAN

CITY COMMENTS 01.19.2026 11.25.2025
CITY RESUBMITAL 02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

OVERALL SITE
PLAN

2480361.01
ANW

PROJECT NO.
DRAWN BY

CHECKED BY

C400

SHEET TITLE

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LEGEND

HEAVEY DUTY ASPHALT PAVEMENT
RE: A/C800

CONCRETE PAVEMENT
RE: BB/C800

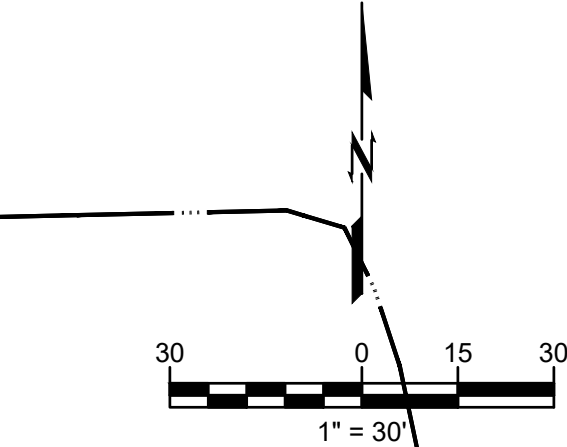
CONCRETE SIDEWALK
RE: E/C800

CONCRETE TRICKLE CHANNEL
RE: I/C800

GRAVEL PAVEMENT
RE: B/C800

REMOVE & REPLACE
UTILITY REHABILITATION
RE: N/C801

BENCHMARK
3/4" IRON PIN
N: 473665.52
E: 2609796.271
ELEV: 643.96



BENCHMARK
3/4" IRON PIN
N: 473380.442
E: 2610174.993
ELEV: 640.80

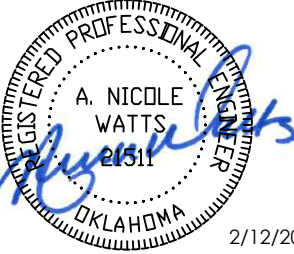
BENCHMARK
3/4" IRON PIN
N: 473605.781
E: 2610498.691
ELEV: 642.74



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the.stacy.group
architecture, interiors

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oklahoma ca #1460
expires 6/30/2027

OWASSO
8th GRADE
ADDITION

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL
CITY RESUBMITTAL

11.25.2025
02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

PAVING PLAN

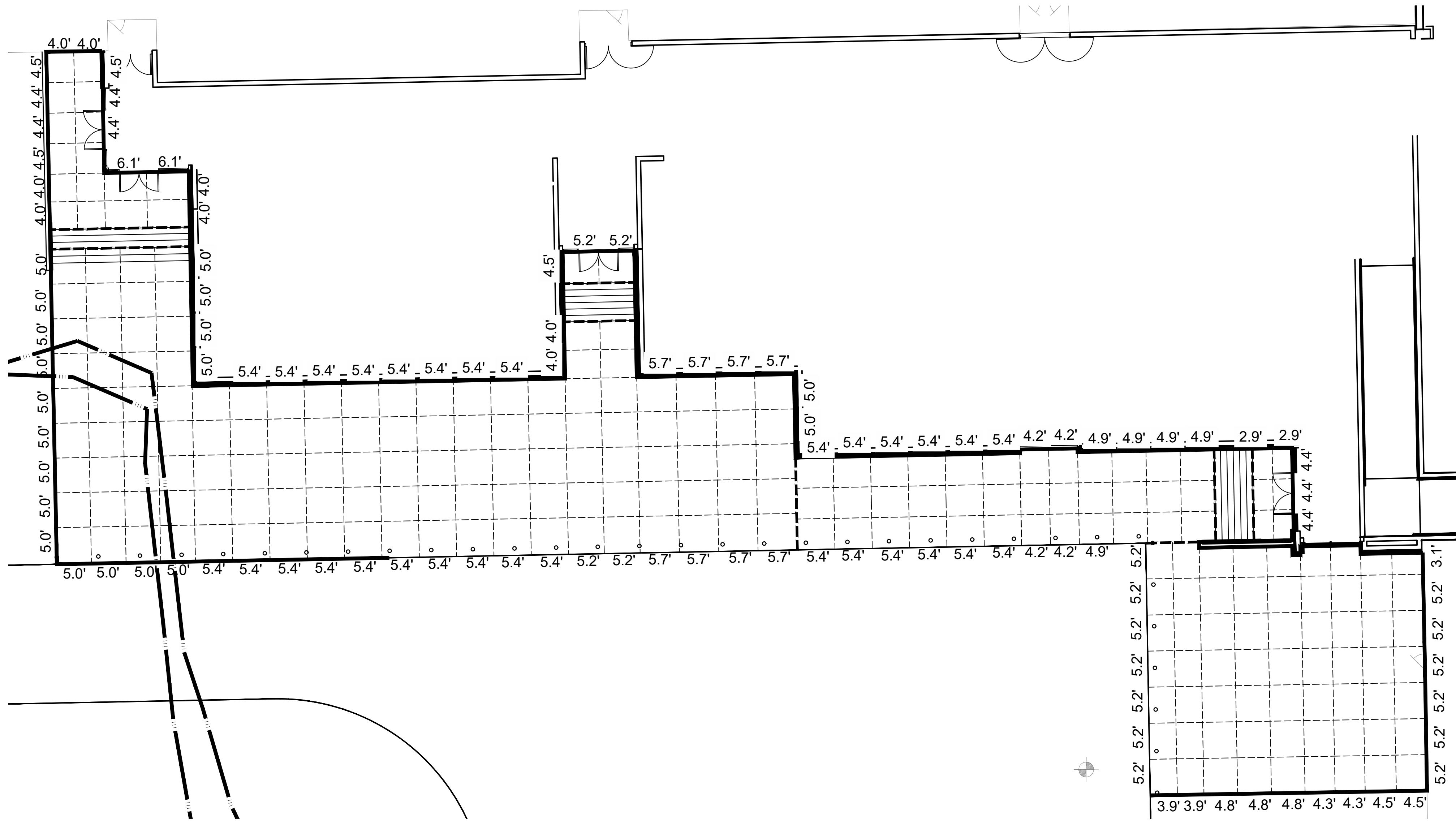
240381.01
LSD
ANW

PROJECT NO.
DRAWN BY
CHKD BY

C401

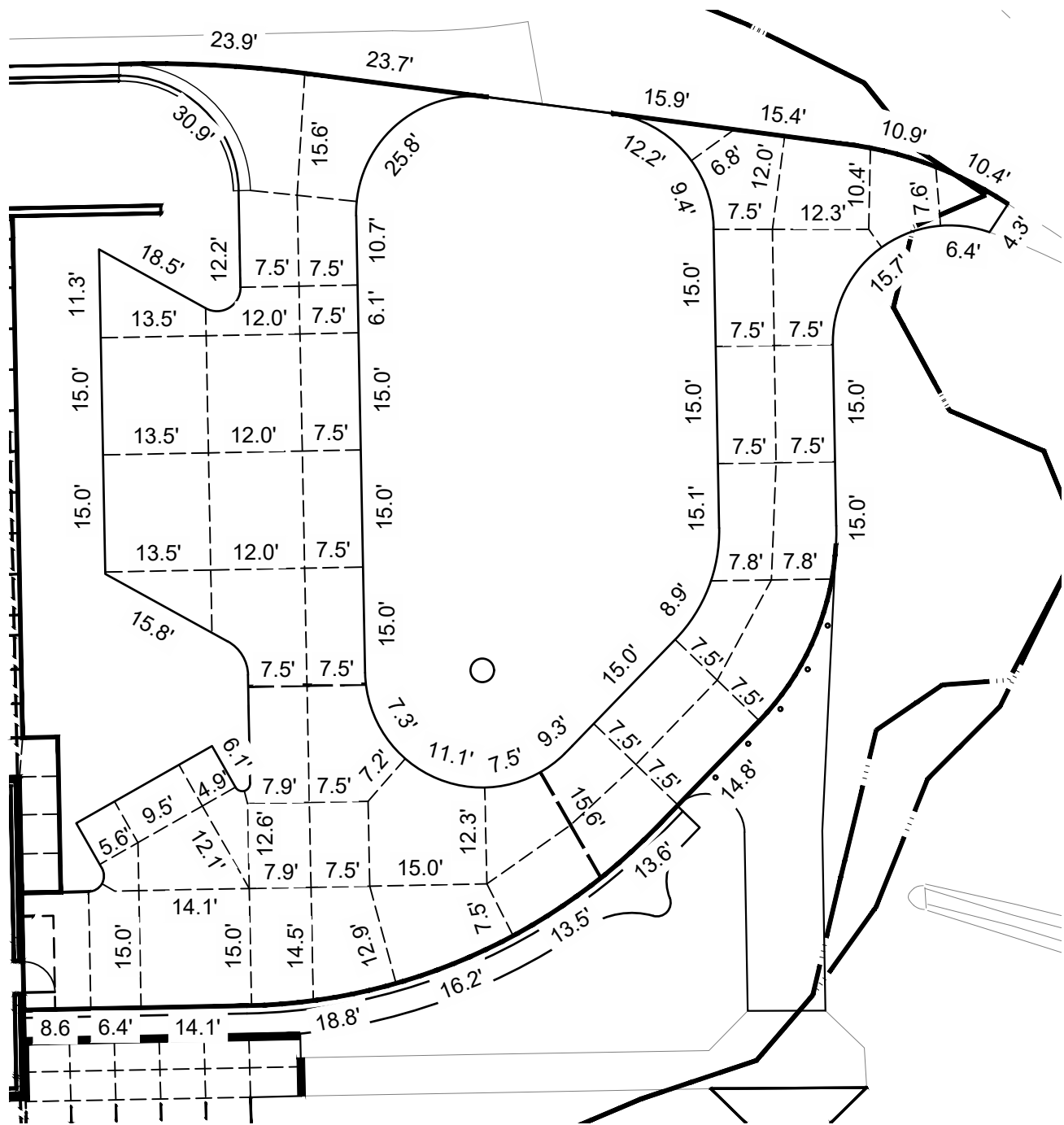
SHEET TITLE

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A South Entrance

Scale: 1" = 10'



B Proposed Parking Lot

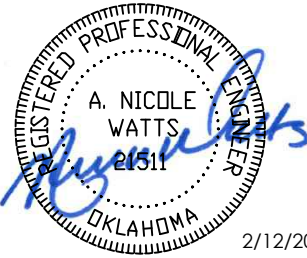
Scale: 1" = 20'

Line Legend	
	EXPANSION JOINT (C25/J)
	CONSTRUCTION JOINT (C25/K)
	CONTROL JOINT (C25/L)

- CURBS ARE SAWCUT IN 10' LENGTHS.
- SIDEWALK AND ALL PAVING TO RECEIVE A BROOM FINISH.

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OWASSO 8th GRADE ADDITION

OWASSO PUBLIC
SCHOOLS

OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL
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11.25.2025
02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

JOINT LAYOUT
PLAN 1

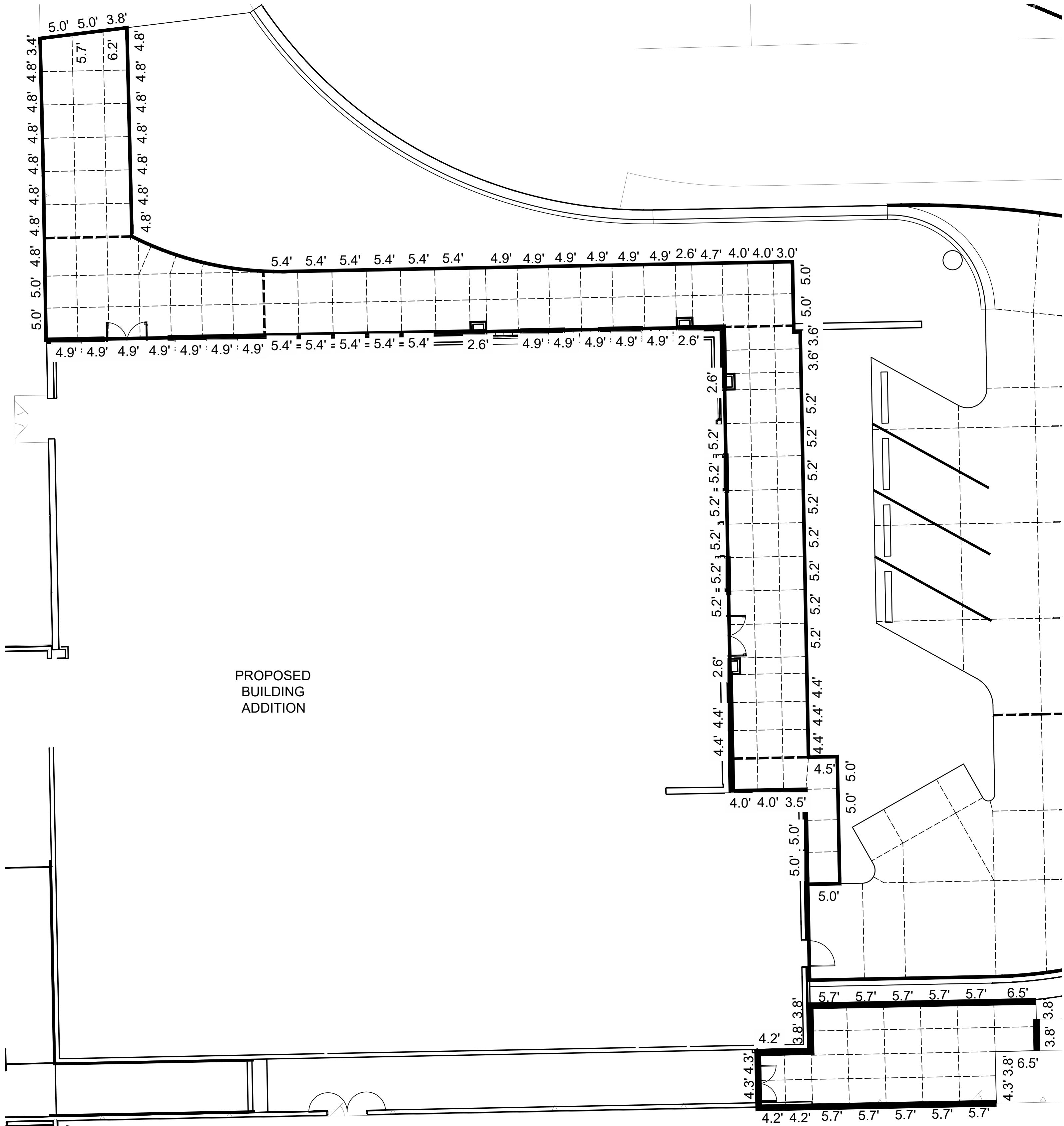
2408181.01
L&J
ANW

PROJECT NO.
DRAWN BY
CHK'D BY

C402

SHEET TITLE

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A East Entrance

Scale: 1" = 10'

Line Legend

- EXPANSION JOINT (C25/J)
- CONSTRUCTION JOINT (C25/K)
- CONTROL JOINT (C25/L)

- CURBS ARE SAWCUT IN 10' LENGTHS.
- SIDEWALK AND ALL PAVING TO RECEIVE A BROOM FINISH.

the.stacy.group

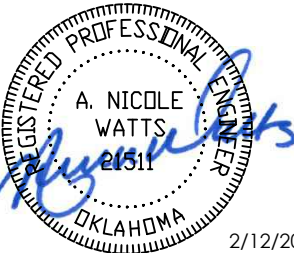
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OWASSO
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11.25.2025

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240301.01
LEG
ANW

PROJECT NO
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JOINT LAYOUT
PLAN 2

C403

SHEET TITLE

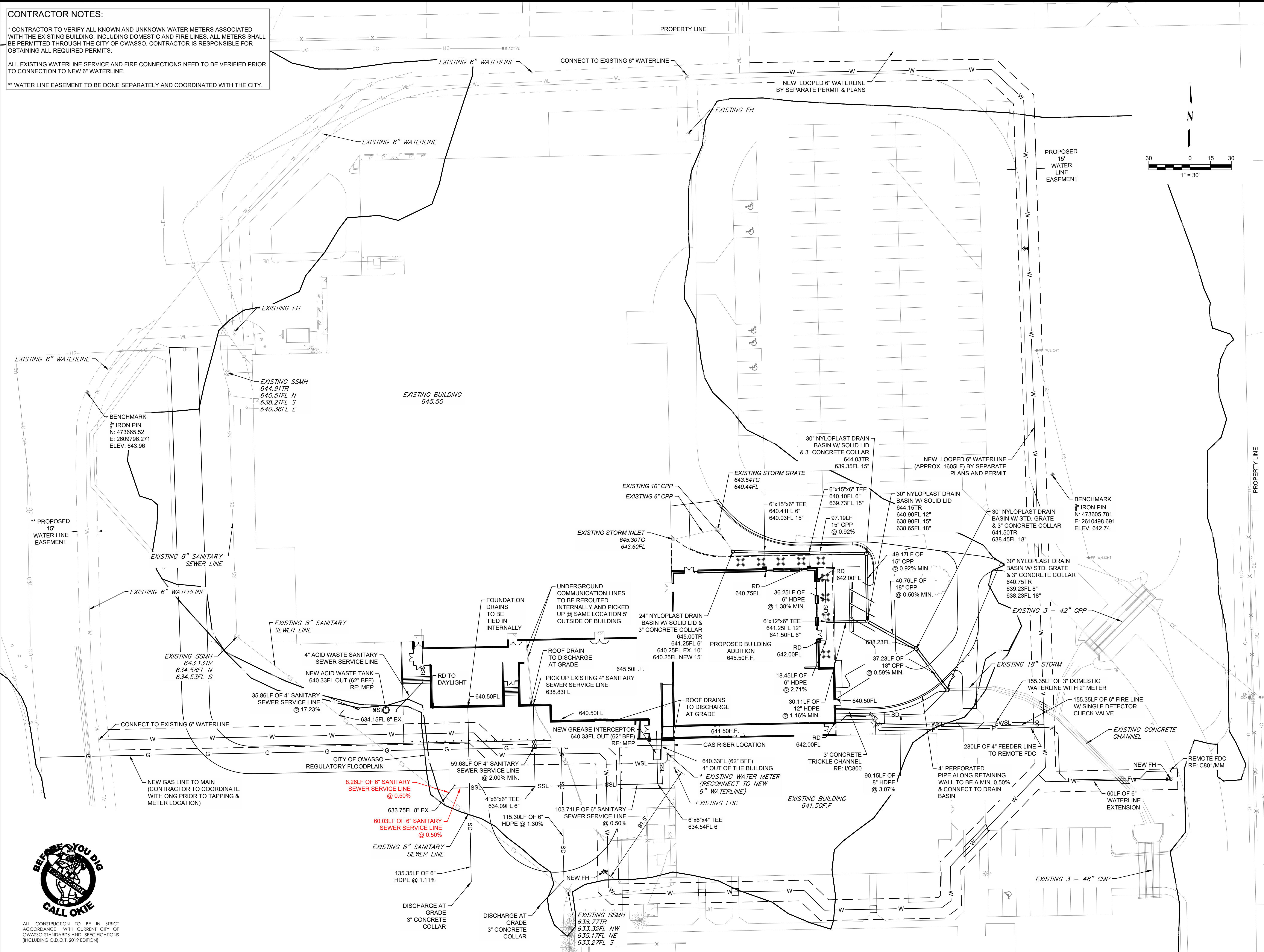
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CONTRACTOR NOTES:

* CONTRACTOR TO VERIFY ALL KNOWN AND UNKNOWN WATER METERS ASSOCIATED WITH THE EXISTING BUILDING, INCLUDING DOMESTIC AND FIRE LINES. ALL METERS SHALL BE PERMITTED THROUGH THE CITY OF OWASSO. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.

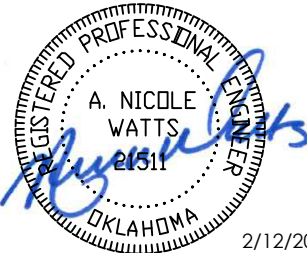
ALL EXISTING WATERLINE SERVICE AND FIRE CONNECTIONS NEED TO BE VERIFIED PRIOR TO CONNECTION TO NEW 6" WATERLINE.

** WATER LINE EASEMENT TO BE DONE SEPARATELY AND COORDINATED WITH THE CITY.



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OWASSO 8th GRADE ADDITION

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

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CITY SUBMITTAL 11.25.2025
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11.25.2025

ISSUE DATE

OVERALL UTILITY
PLAN

248038.01 E
ANN
PROJECT NO
DRAWN BY
CHECK BY

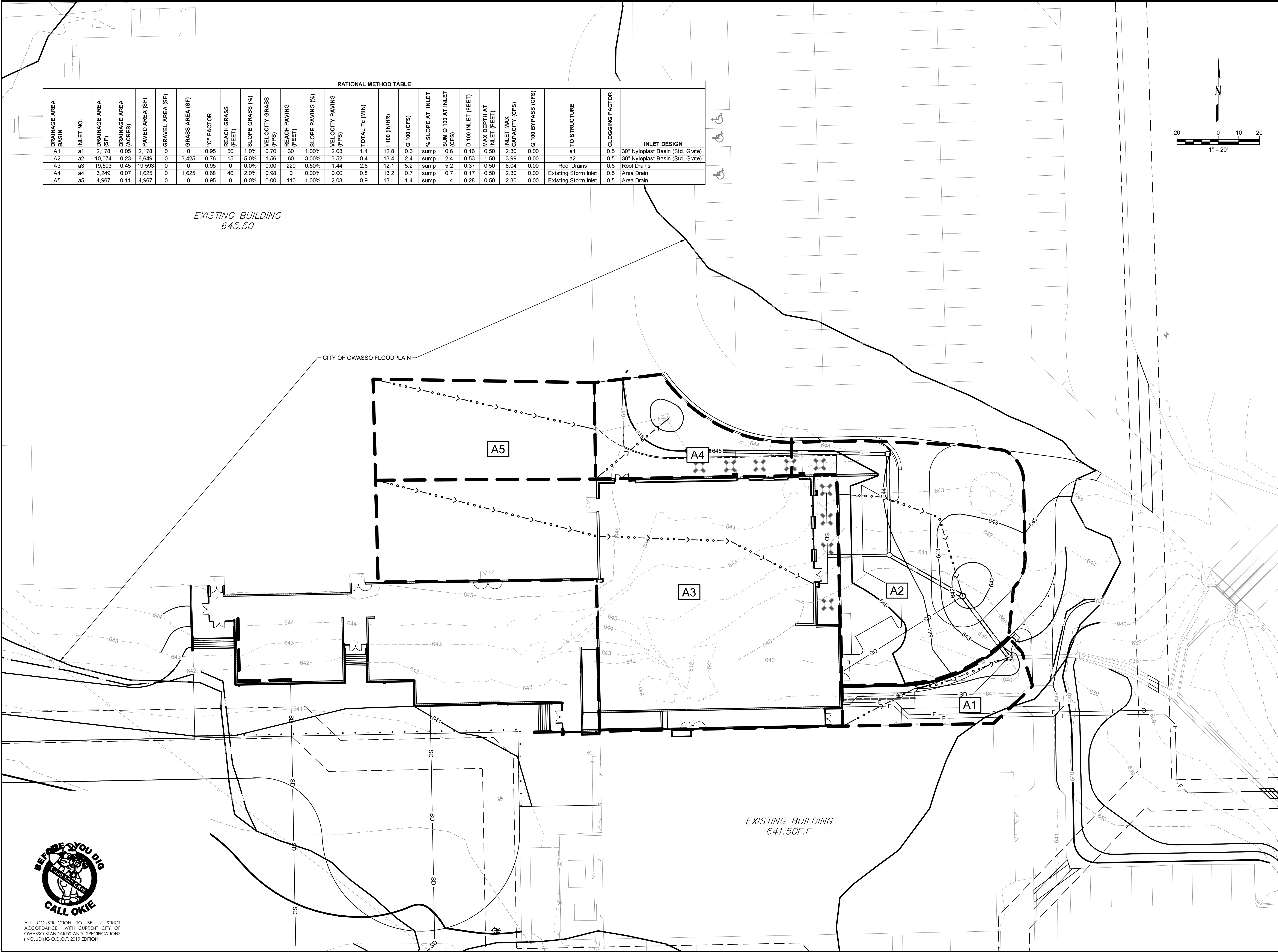
C600

SHEET TITLE

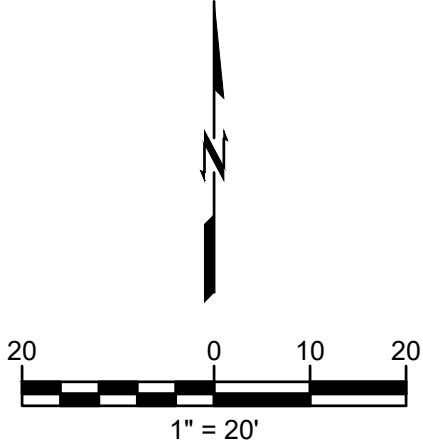
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RATIONAL METHOD TABLE																			
DRAINAGE AREA BASIN	INLET NO.	DRAINAGE AREA (SF)	DRAINAGE AREA (ACRES)	PAVED AREA (SF)	GRAVEL AREA (SF)	GRASS AREA (SF)	'C' FACTOR	REACH GRASS (FEET)	SLOPE GRASS (%)	VELOCITY GRASS (FPS)	REACH PAVING (FEET)	SLOPE PAVING (%)	VELOCITY PAVING (FPS)	TOTAL Tc (MIN)	100 (IN/HR)	Q 100 (CFS)	% SLOPE AT INLET	SUM Q 100 AT INLET (CFS)	D 100 INLET (FEET)
A1	a1	2,178	0.05	2,178	0	0	0.95	50	1.0%	0.70	30	1.00%	2.03	1.4	12.8	0.6	sump	0.6	0.16
A2	a2	10,074	0.23	6,648	0	3,425	0.76	15	5.0%	1.56	60	3.00%	3.52	0.4	13.4	2.4	sump	2.4	0.53
A3	a3	19,593	0.45	19,593	0	0	0.95	0	0.0%	0.00	220	0.50%	1.44	2.6	12.1	5.2	sump	5.2	0.37
A4	a4	3,249	0.07	1,625	0	1,625	0.68	46	2.0%	0.98	0	0.00%	0.00	0.8	13.2	0.7	sump	0.7	0.17
A5	a5	4,967	0.11	4,967	0	0	0.95	0	0.0%	0.00	110	1.00%	2.03	0.9	13.1	1.4	sump	1.4	0.28
																		TO STRUCTURE	
																		CLOGGING FACTOR	
																		INLET DESIGN	
																		a1	0.5
																		a2	0.5
																		Roof Drains	0.6
																		Existing Storm Inlet	0.5
																		Existing Storm Inlet	0.5
																		Area Drain	



EXISTING BUILDING
645.50

CITY OF OWASSO FLOODPLAIN

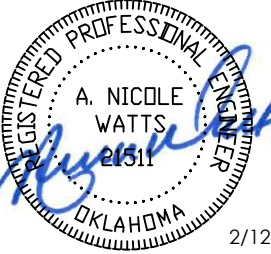
EXISTING BUILDING
641.50F.F



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OWASSO
8th GRADE
ADDITION

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

240818.01
10/11/2025
ANW

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DRAWN BY
CHK'D BY

DRAINAGE MAP

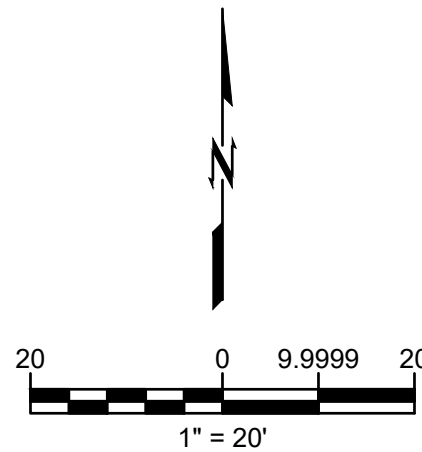
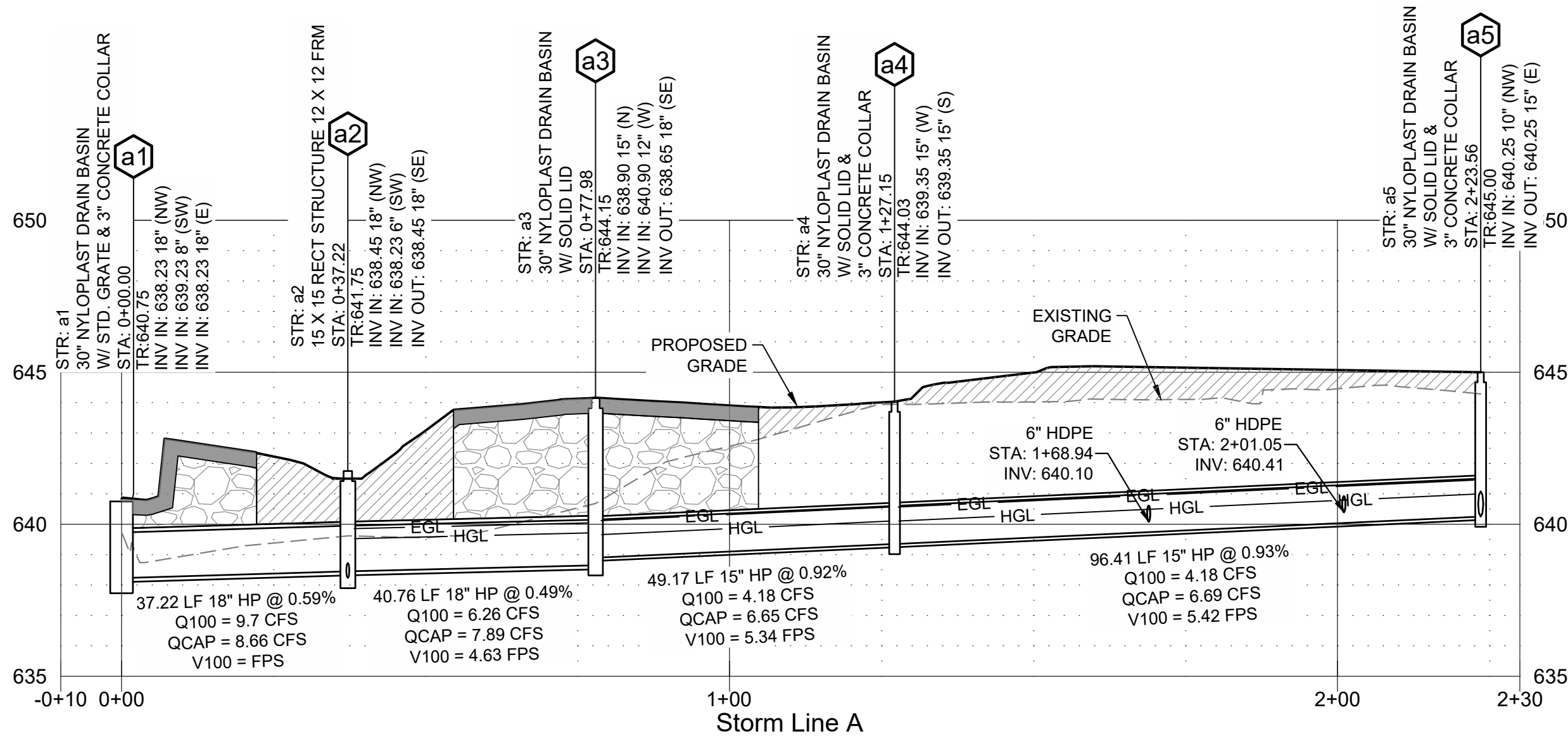
C302

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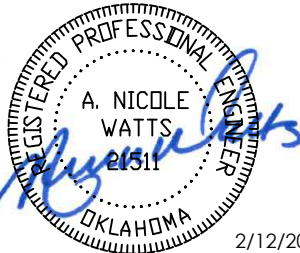
LEGEND

- DOT TYPE "A" AGGREGATE BACKFILL COMPACTED TO 95% STANDARD PROCTOR DENSITY UNDER PAVED DRIVING SURFACE FULL DEPTH OF TRENCH (TYP)
- COMPACT ALL FILL TO 95% STANDARD PROCTOR DENSITY
- PAVEMENT REFER TO PAVING PLANS FOR TYPE
- EGL — ENERGY GRADE LINE
- HGL — HYDRAULIC GRADE LINE
- MATCH LINE

PROFILE SCALES:
HORZ: 1" = 20'
VERT: 1" = 4'

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OWASSO 8th GRADE ADDITION

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2025

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02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

2480381.01
EGL
ANW

PROJECT NO.
DRAWN BY
CHKD BY

STORM PROFILE

C601

SHEET TITLE

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LEGEND

--- LAY OF A FIRE HOSE

FIRE LINE STRIPE - SHOW 'NO PARKING - FIRE LANE' MARKING. FIRE LANES SHALL BE MARKED BY PAINTING LINES OF RED TRAFFIC PAINT SIX INCHES (6") IN WIDTH TO SHOW THE BOUNDARIES OF THE LANE. THE WORDS 'NO PARKING FIRE LANE' SHALL APPEAR IN FOUR INCH (4") WHITE LETTERS AT TWENTY-FIVE FEET (25') INTERVALS ON THE RED BORDER MARKINGS ALONG BOTH SIDES OF THE FIRE LANES. CURBS SHALL BE PAINTED IN RED TRAFFIC PAINT FROM THE TOP SEAM OF THE CURB TO A POINT EVEN WITH THE DRIVING SURFACE AND LETTERED IN THE SAME MANNER AS THE FLAT STRIPING. IFC 503.3, 503.7.2.1, 503.7.3.3, AND APPENDIX D.

CITY OF OWASSO
FIRE DEPARTMENT
11931 E 116 ST N, COLLINSVILLE, OK 74021

SUBMITTAL
THIS CHECK IS TO PROVIDE INFORMATION AND FOR GENERAL CONFORMANCE WITH THE CITY'S ADOPTED CODES, STANDARDS AND AHJ REQUIREMENTS. THE REVIEWER ASSUMED NO LIABILITY FOR THE DESIGN PRESENTED HEREIN.

- ☐ NO EXCEPTION TAKEN
☐ CORRECT AS NOTED
☐ CORRECT AS NOTED - RESUBMIT
☐ REJECTED - RESUBMIT

BY: _____
DATE: _____

OFD TURNING MOVEMENT
FIRE TRUCK

EXISTING 6" WATERLINE

415LF

EXISTING FH

NEW LOOPE 6" WATERLINE
BY SEPARATE PERMIT & PLANS

PROPOSED
15'
WATER
LINE
EASEMENT

NEW LOOPE 6" WATERLINE
(APPROX. 1605LF) BY SEPARATE
PLANS AND PERMIT

550LF BETWEEN FIRE HYDRANTS

** PROPOSED
15'
WATER
LINE
EASEMENT

EXISTING 6" WATERLINE

NEW FIRE LANE

EXISTING FDC

NEW FH
REMOTE FDC
RE: C801/MM

60LF OF 6"
WATERLINE
EXTENSION

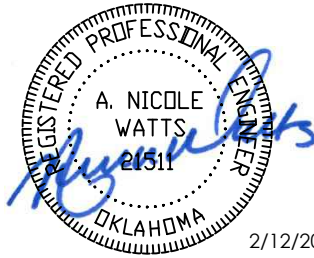
400LF



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FIRE
DEPARTMENT
PLAN

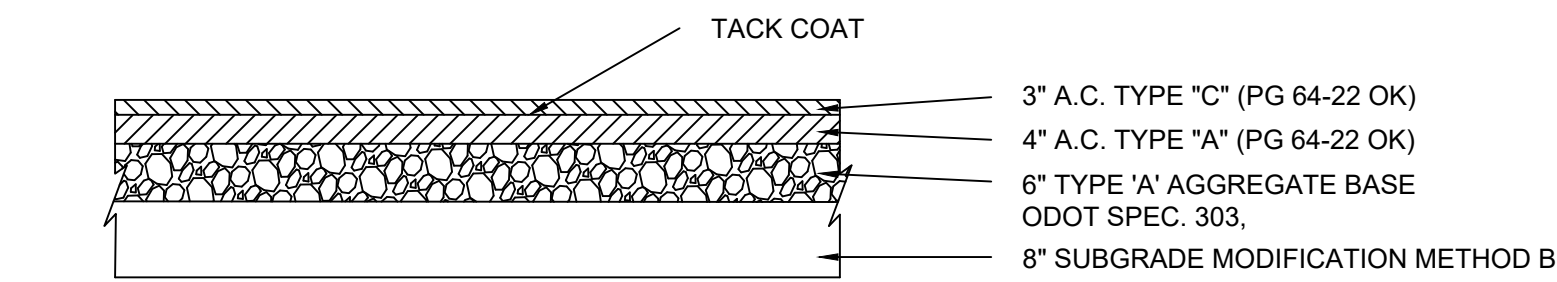
2480181.01
L&S
ANW

PROJECT NO.
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CHKD BY

C601

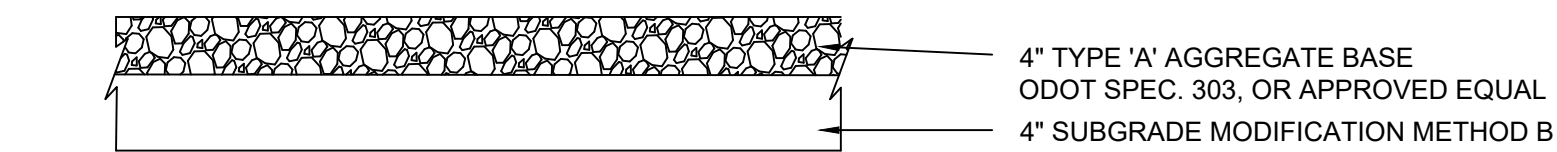
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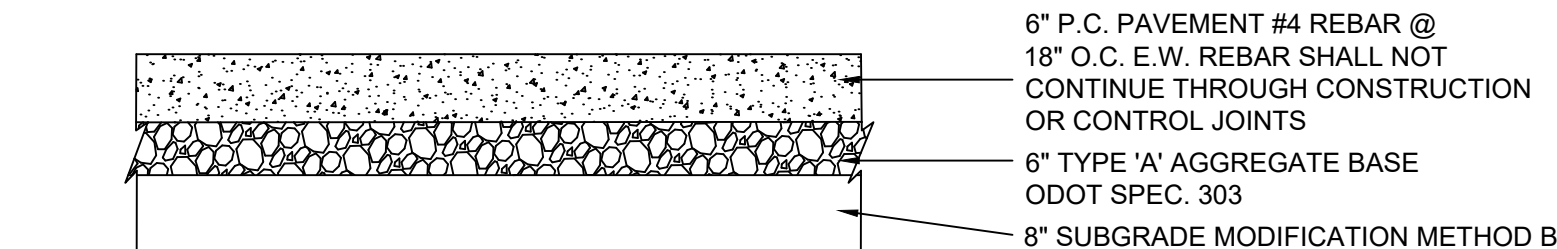
A Asphalt Pavement Typical

Scale: NONE



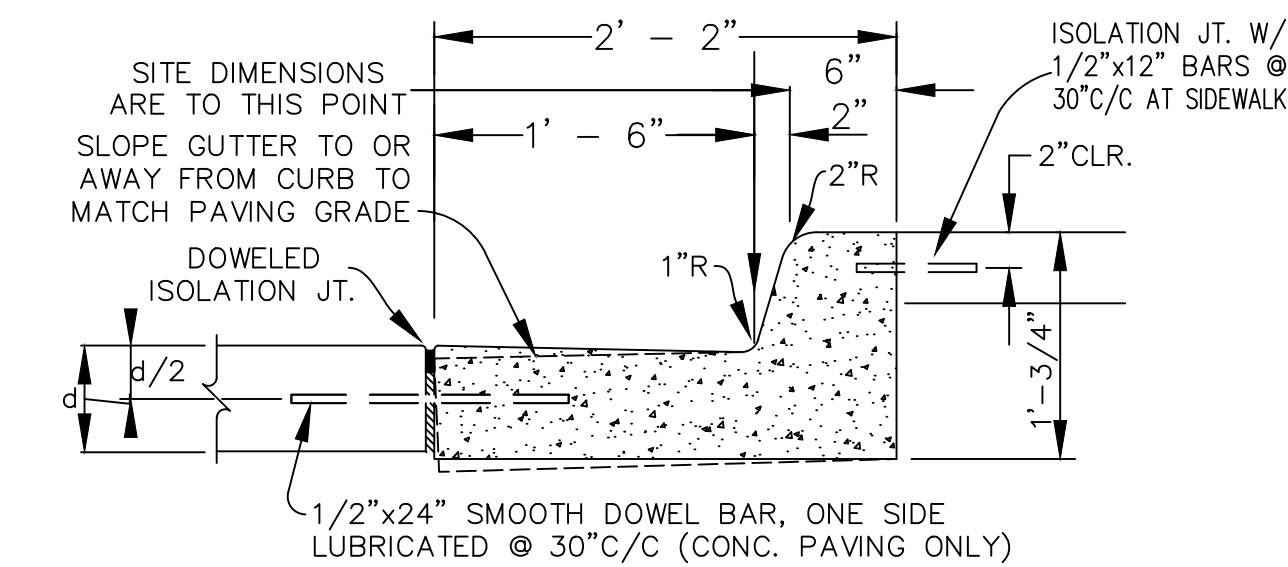
B Gravel Pavement

SCALE: NTS



BB Concrete Pavement

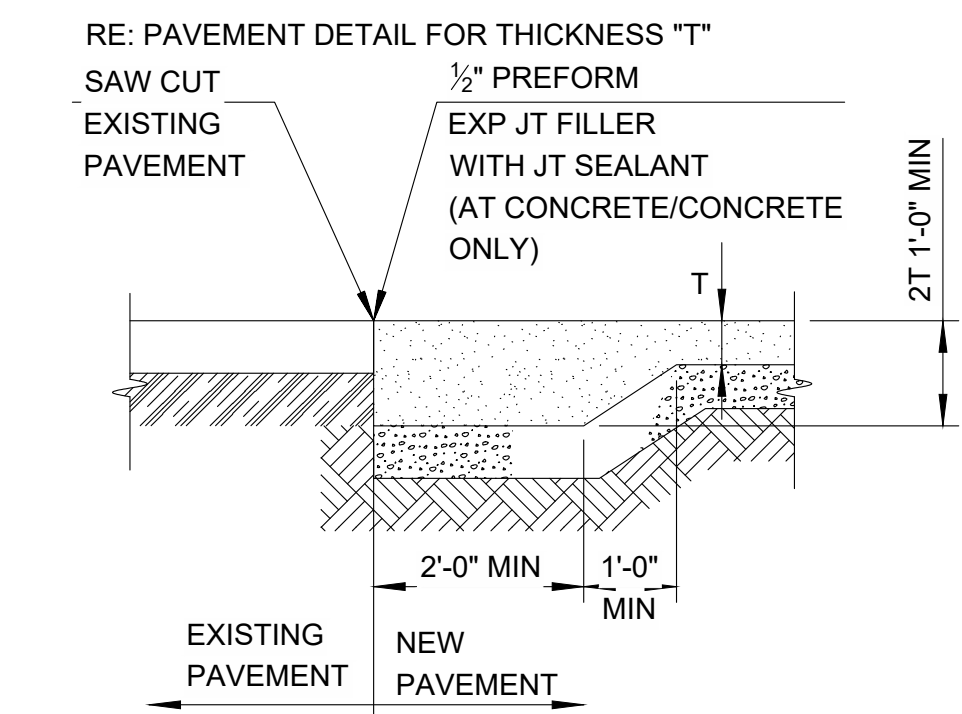
SCALE: NTS



NOTE: SAWCUT CONTRACTION JOINTS AT 15 FT. MAX SPACING. CONSTRUCT DOWELED ISOLATION JOINTS AT ALL POINTS OF CURVE NOT TO EXCEED 90 FT. MAX. SPACING.

CONCRETE FOR CURB & GUTTER SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 3500 PSI AND SHALL BE AIR-ENTRAINED AT SIX PERCENT (6%) \pm 1%.

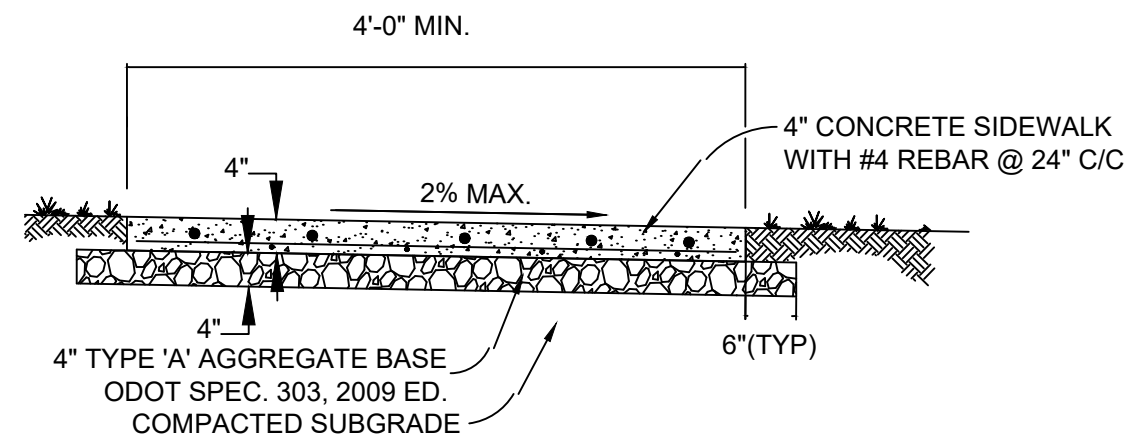
C Integral Concrete Curb & Gutter



D Pavement Transition



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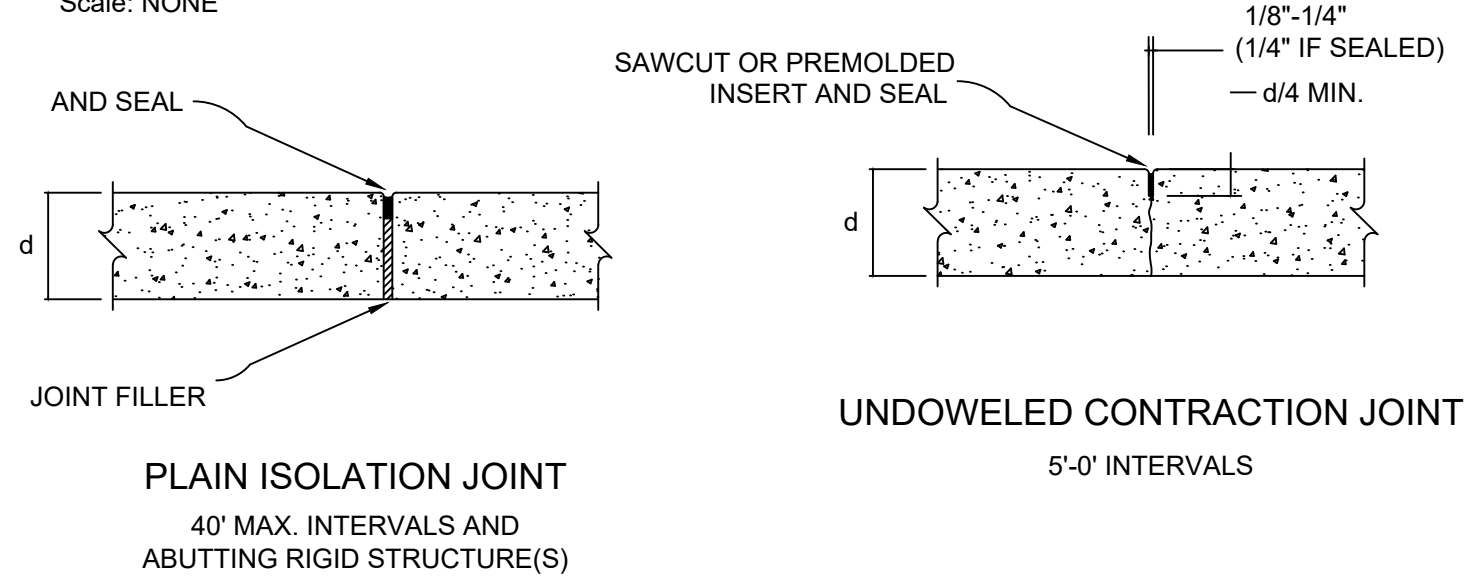
MAXIMUM SPACING FOR EXPANSION JOINTS SHALL BE 40 FEET.

CONCRETE FOR SIDEWALK SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 3500 PSI AND SHALL BE AIR-ENTRAINED AT SIX PERCENT (6%) \pm 1%.

CONCRETE SIDEWALK THROUGH DRIVEWAY MUST BE MIN. 6\"/>

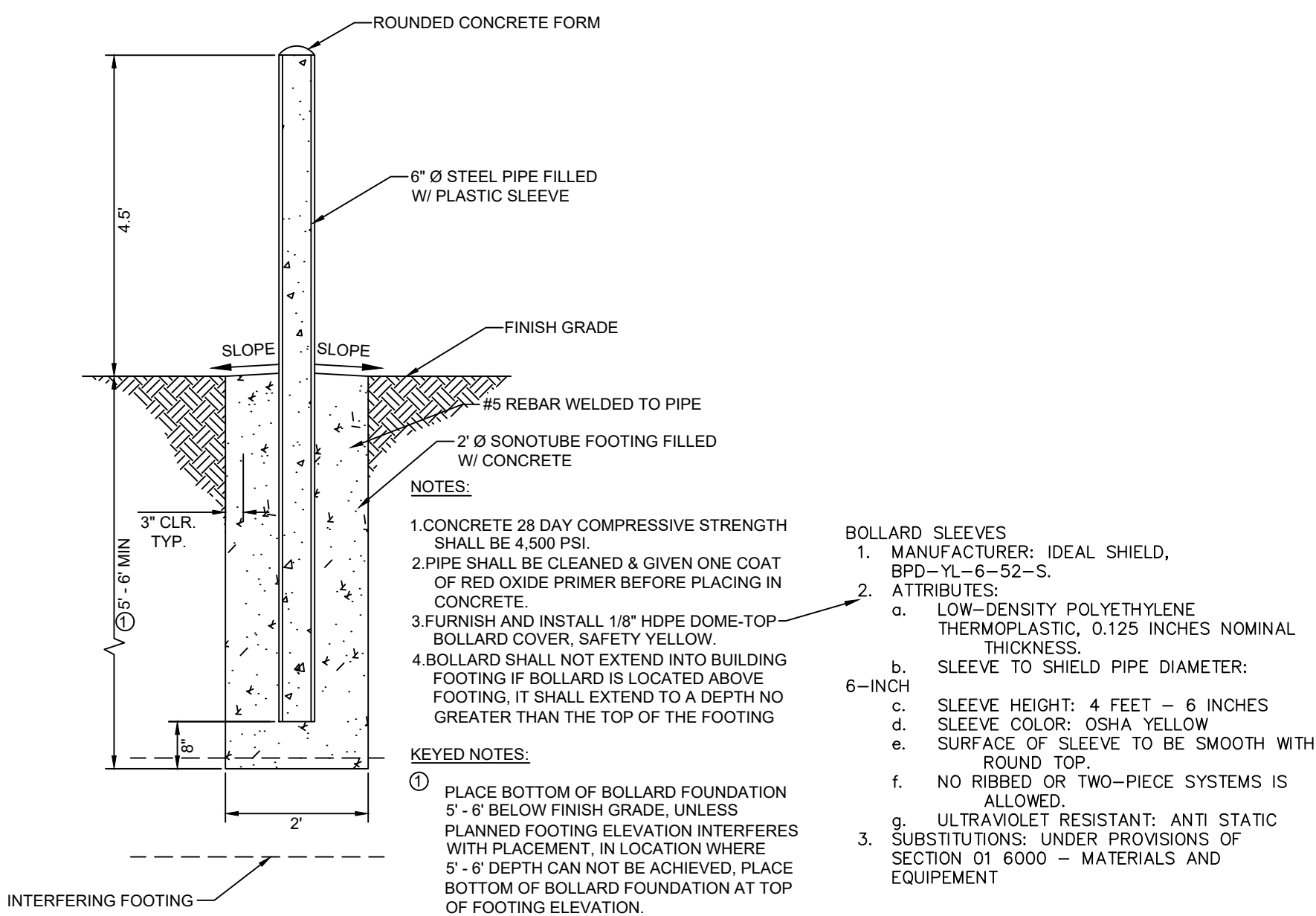
E Concrete Sidewalk Detail

Scale: NONE



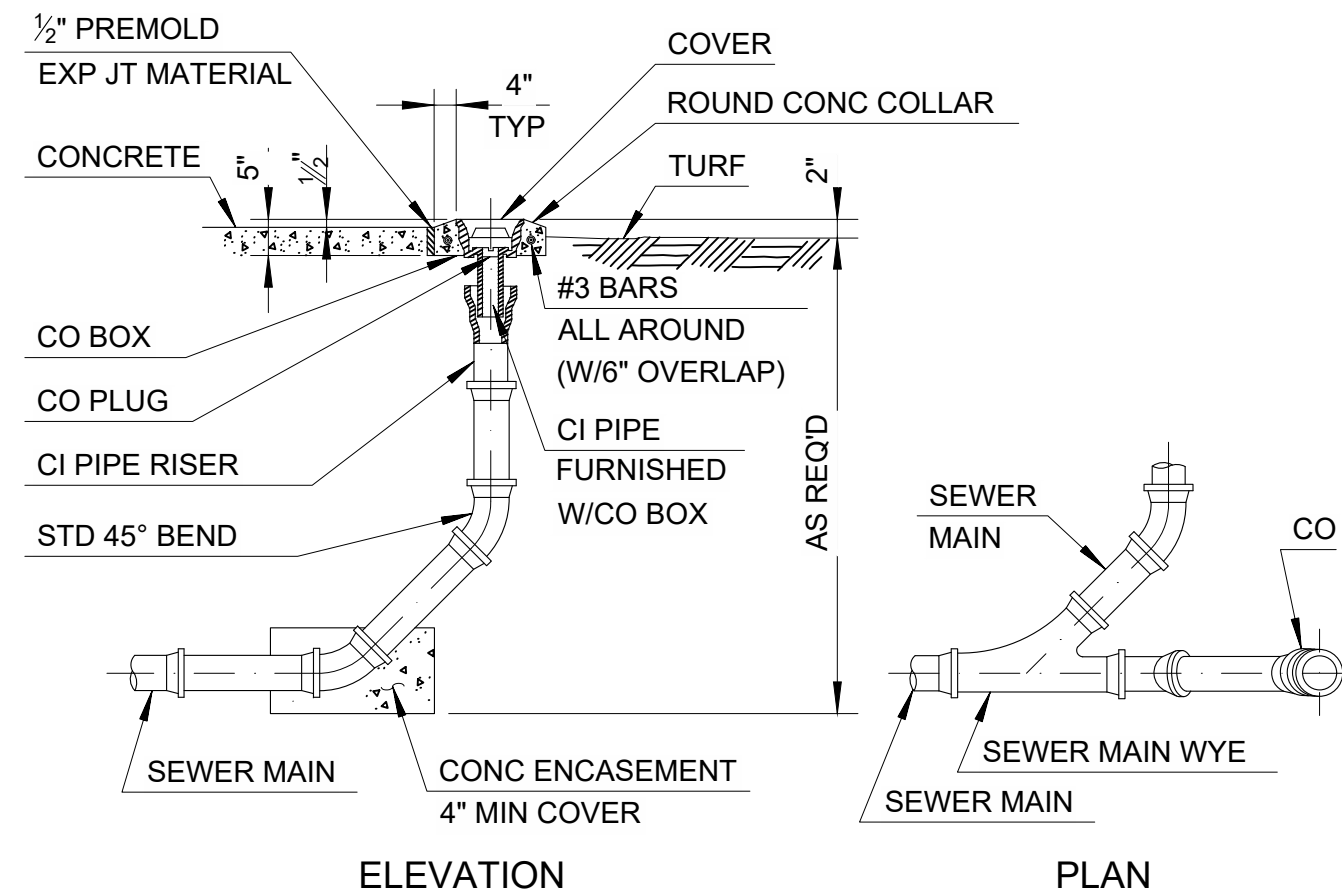
F Sidewalk Joint Details

Scale: NONE



G Pipe Bollard Detail

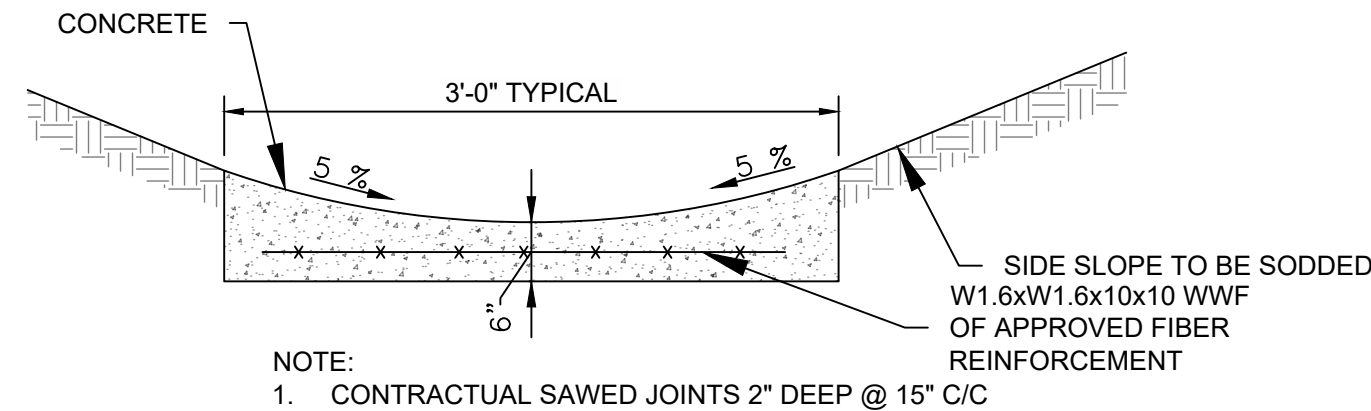
Scale: NONE



H Sanitary Sewer Clean-out

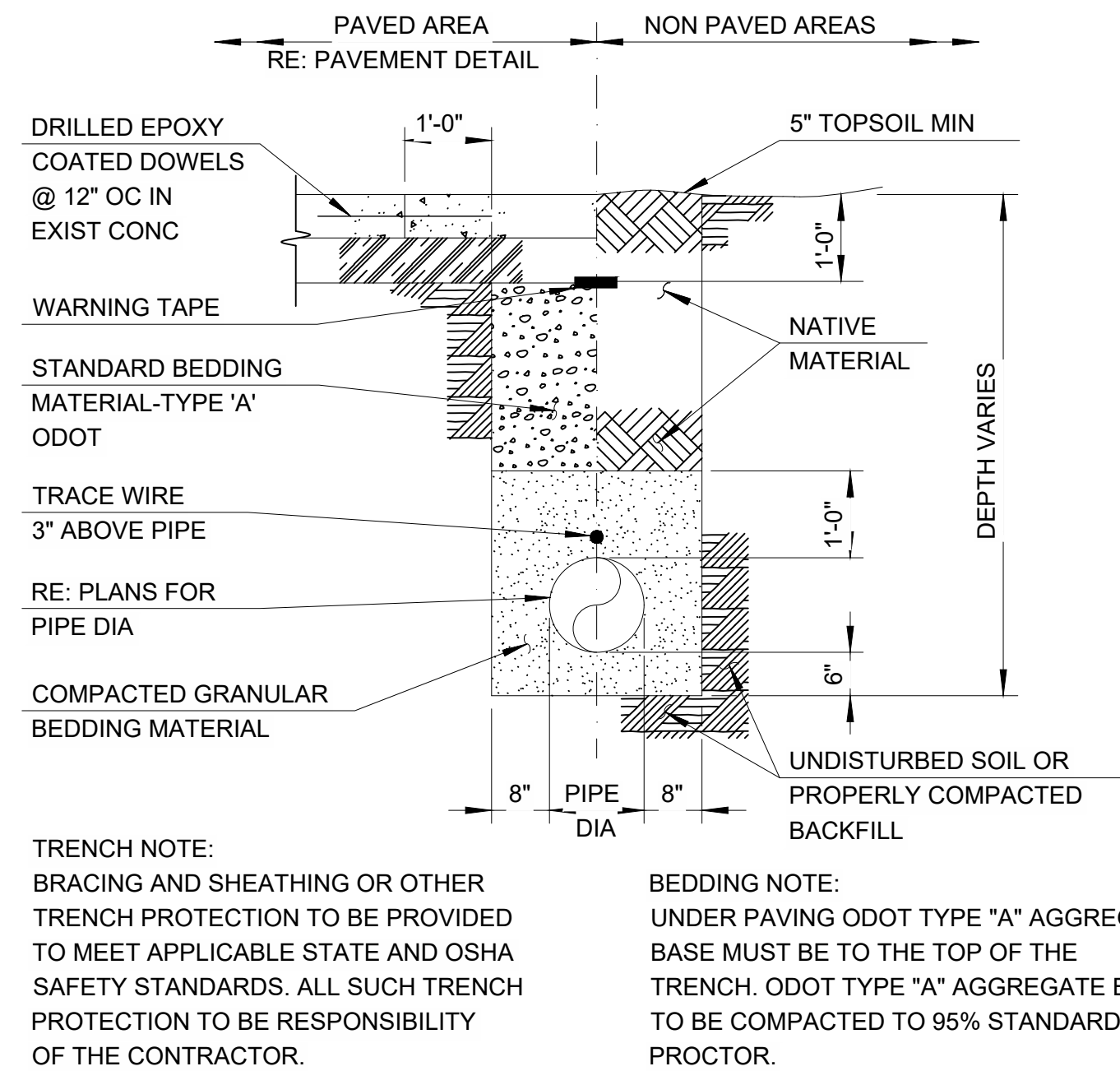
Scale: NONE

NOTE: SANITARY SEWER CLEANOUTS SHALL BE PROVIDED FOR DRAINAGE PIPING IN ACCORDANCE WITH 2018 INTERNATIONAL PLUMBING CODE (IPC) SECTIONS 708.1.1 THROUGH 708.1.11.



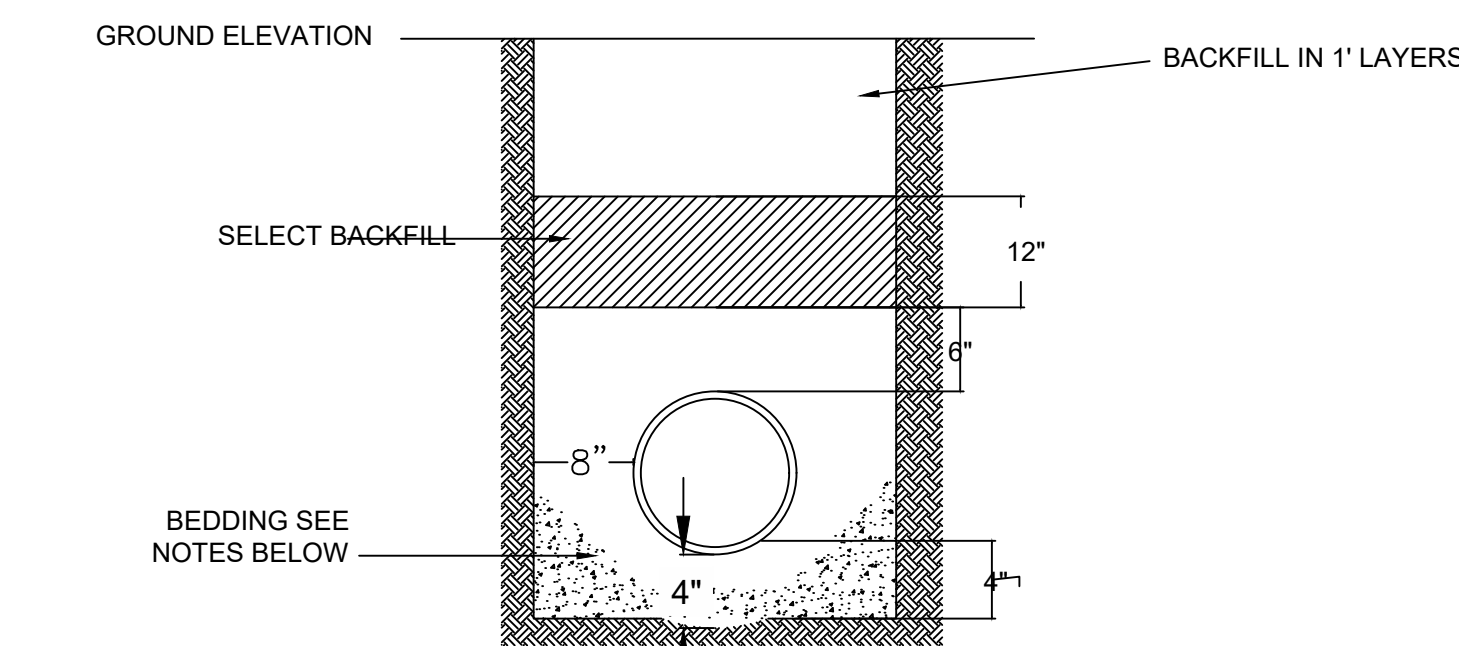
I Concrete Trickle Channel

Scale: NONE



J Pipe Trench - All Pipes Except Storm Sewer

Scale: NONE



- NOTE:
- BEDDING SHALL BE SAND, COMPACTED TO 95% STANDARD PROCTOR DENSITY BY MAPPING AND VIBRATING. COMPACTION SHALL BE FIELD TESTED BY INDEPENDENT LABORATORY TO INSURE 95% PROCTOR DENSITY. CONTRACTOR SHALL BEAR ALL COST OF TESTING.
 - AS AN ALTERNATIVE, BEDDING MAY BE A CLEAN CRUSHED STONE, 1/2\"/>

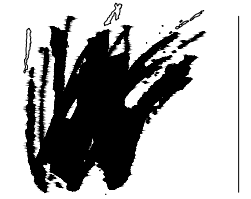
K Pipe Bedding for Storm Sewer

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11.25.2025

REVISIONS

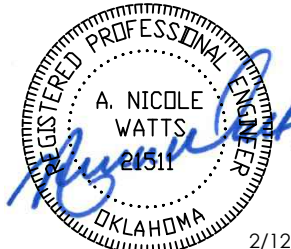
ISSUE DATE

DETAIL SHEET 1

C800

SHEET TITLE

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expires 6/30/2027

OWASSO 8th GRADE ADDITION

OWASSO PUBLIC
SCHOOLS

OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL
CITY RESUBMITTAL

11.25.2025
02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

DETAIL SHEET 2

C801

SHEET TITLE

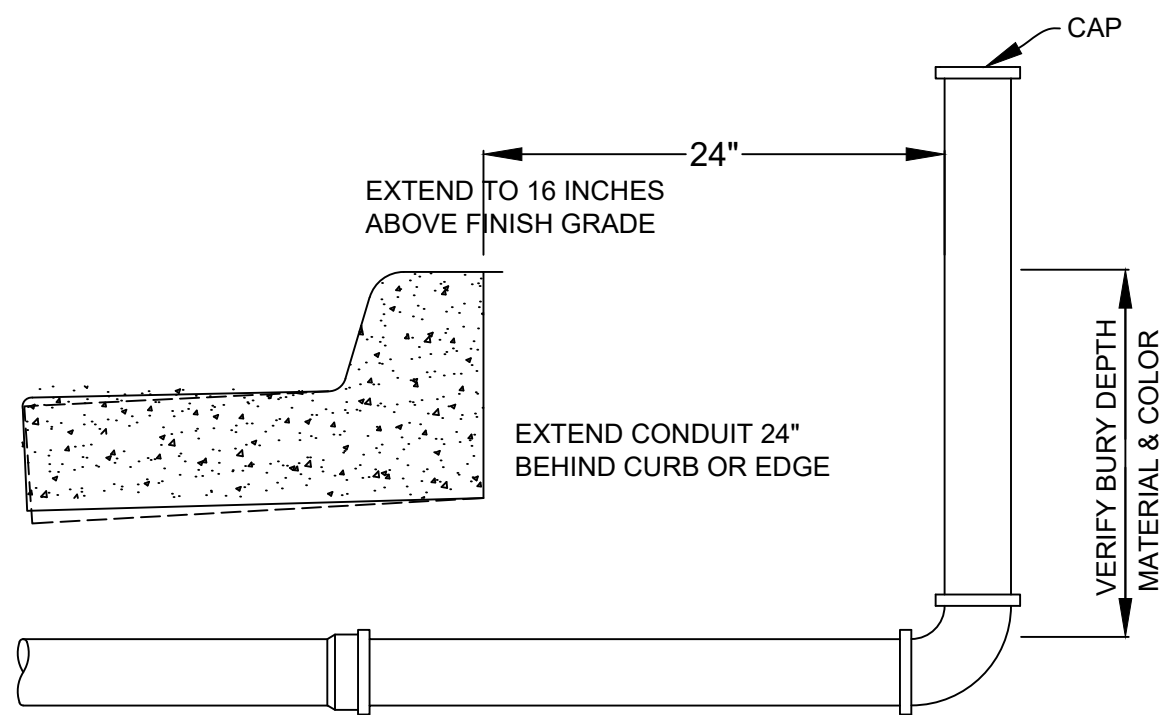
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PAVING NOTES

1. ALL MATERIALS AND CONSTRUCTION, EXCEPT AS NOTED, SHALL BE IN STRICT ACCORDANCE WITH THE 2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND SUPPLEMENTS THERETO. SUPPLEMENTS TO THE STANDARD SPECIFICATIONS GOVERN OVER THE STANDARD SPECIFICATIONS.
2. CONTRACTOR SHALL CLEAN ASPHALT PAVEMENT SURFACE AND REMOVE LOOSE MATERIAL PRIOR TO APPLYING THE TACK COAT. TACK COAT SHALL BE IN ACCORDANCE WITH SECTION 407 OF THE STANDARD SPECIFICATIONS.
3. UPON REQUEST, A ONE QUART TACK COAT SAMPLE FROM THE CONTRACTOR'S TACK COAT TRUCK SHALL BE DELIVERED BY THE CONTRACTOR TO THE INSPECTOR 24 HOURS PRIOR TO APPLICATION. OIL CONTENT MUST BE 23% OR GREATER.
4. MINIMUM TACK APPLICATION RATE IS 0.1 GAL./SQ. YD. EQUIPMENT HEATER, AGITATOR AND SPRAY BAR SHALL BE OPERABLE. CONTRACTOR SHALL BROOM OFF EXCESS TACK. TACK SHALL BE COMPLETELY CURED BEFORE LAYING ASPHALT.
5. ASPHALT TEMPERATURE SHALL NOT EXCEED 350 $\frac{3}{4}$ % F OR MAXIMUM DESIGN TEMPERATURE AT PLANT DISCHARGE.
6. AMBIENT TEMPERATURE AT LAYDOWN SHALL BE IN ACCORDANCE WITH SPECIFICATION NO. 411.04(F). SURFACE MUST BE DRY.
7. ASPHALT TEMPERATURE AT LAYDOWN SHALL BE A MAXIMUM OF 325 $\frac{3}{4}$ % F AND A MINIMUM OF 285 $\frac{3}{4}$ % F.
8. PAVING OPERATION SHALL BE CONTINUOUS WITH A STEADY FLOW OF TRUCKS.
9. CONTRACTOR SHALL ESTABLISH ROLLING PATTERN BY TRACKING DENSITIES WITH A NUCLEAR GAUGE. CONTRACTOR SHALL VERIFY PATTERN WITH TESTING LABORATORY. EXTRACTION/GRADATION SAMPLES SHALL BE TAKEN DAILY.
10. CONTRACTOR SHALL FURNISH WITH QUALIFIED OPERATORS, A BREAKDOWN ROLLER (STEEL), A PNEUMATIC ROLLER (RUBBER TIRE) AND A FINISH ROLLER (STEEL). ROLLER SPRAY SYSTEMS SHALL BE OPERABLE AT ALL TIMES DURING THE PERFORMANCE OF THE WORK.
11. CONTRACTOR SHALL ROLL OUT AND COMPACT ASPHALT MATERIAL ABOVE 180 $\frac{3}{4}$ % F ASPHALT TEMPERATURE.
12. CONTRACTOR SHALL TAKE THREE (3) CORINGS FOR EACH DAYS PRODUCTION OR EVERY 500 TONS. LOCATIONS TO BE DESIGNATED BY THE ENGINEER.
13. CONTRACTOR SHALL APPLY A TACK COAT TO THE FACE OF THE GUTTER PRIOR TO PLACEMENT OF PAVING.
14. WHERE NEW PAVEMENTS ARE TO BE CONSTRUCTED, THE EXISTING ASPHALT CONCRETE, CONCRETE, ANY UNDERLYING GRANULAR BASE, ANY SURFACE VEGETATION AND TOPSOIL SHALL BE REMOVED FULL-DEPTH. AFTER REMOVING THE SURFACE MATERIALS AND COMPLETING ANY REQUIRED CUTS, THE EXPOSED SUBGRADE SHALL BE PROOFROLLED, UNDER THE OBSERVATION OF THE ENGINEER, ACCORDING TO THE REQUIREMENTS OF SECTION 203 OF THE DOT SPECIFICATIONS.
15. ANY SOFT OR UNSTABLE SOILS IDENTIFIED DURING THE PROOFROLLING PROCEDURE SHALL BE OVEREXCAVATED FULL-DEPTH AND REPLACED WITH APPROVED ENGINEERED FILL, IF THEY CANNOT BE STABILIZED IN PLACE.
16. EXPOSED SUBGRADE MUST BE COMPACTED TO NO LESS THAN 95% OF THE MATERIAL'S MAXIMUM LABORATORY DRY DENSITY DETERMINED IN ACCORDANCE WITH ASTM D-698 (AASHTO T-99). THE RECOMMENDED MOISTURE CONTENT SHALL BE MAINTAINED IN THE COMPACTED SUBGRADE AND FILLS UNTIL FILLS ARE COMPLETE AND PAVEMENTS CONSTRUCTED.
17. FOR FLOWABLE FILL BEDDING AND BACKFILL ALTERNATIVES REFER TO STD. 730 AND 731.
18. SAW CUTS SHALL BE FULL DEPTH OF THE PAVEMENT.

BEDDING AND BACKFILL NOTES

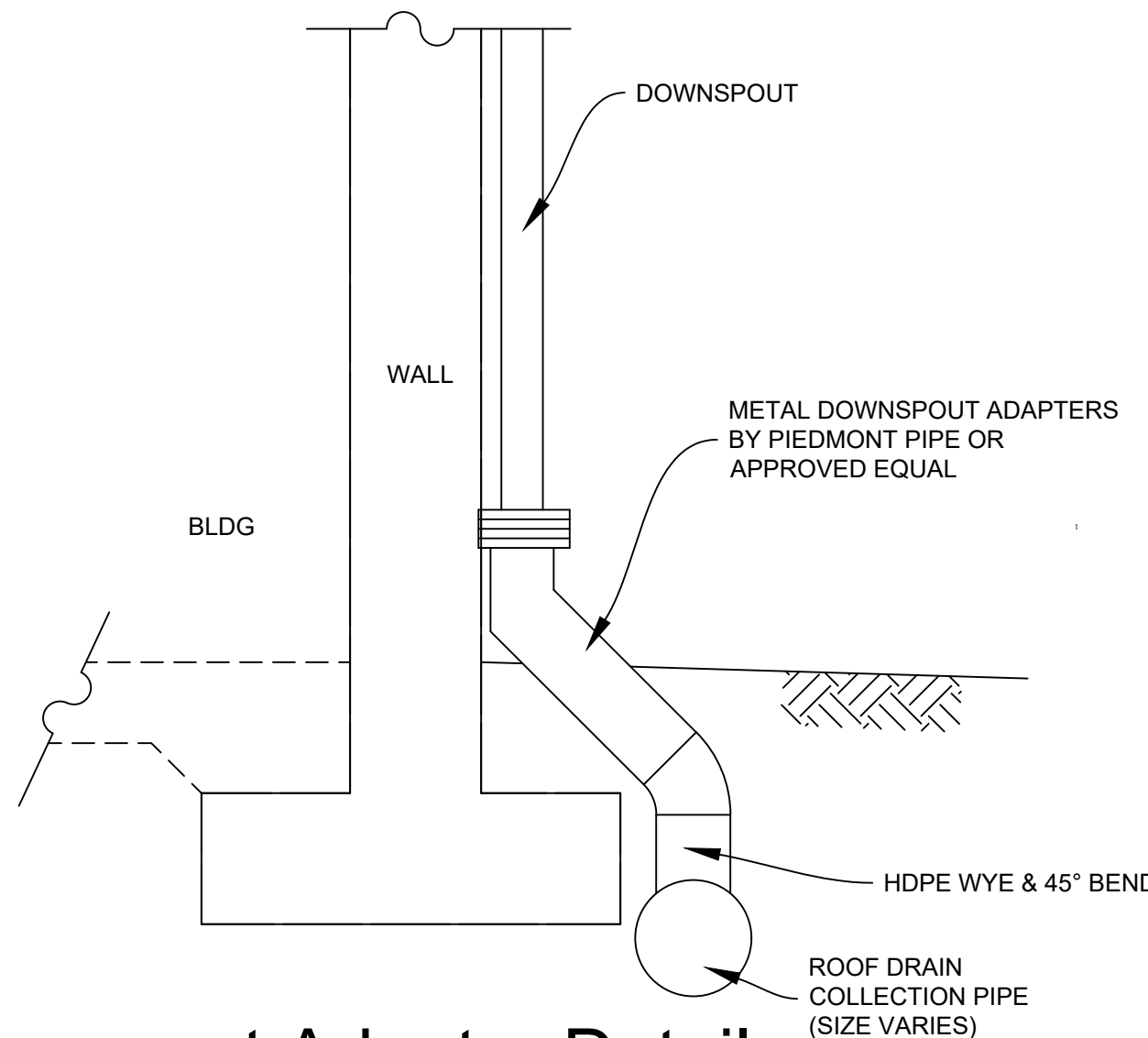
1. BEDDING AND BACKFILL SHALL BE TYPE "A" CRUSHED STONE (3-1/2" CRUSHER RUN)
2. BEDDING MATERIAL WITHIN 4 IN. OF PIPE SHALL BE COMPACTED 3/4" TO NO. 4 CRUSHED STONE (GRAD #67). SHOULDER BEDDING BENEATH THE PIPE HAUNCHES.
3. PLACE BACKFILL IN HORIZONTAL LAYERS NOT TO EXCEED 8" LOOSE THICKNESS. COMPACT WITH MECHANICAL TAMPER TO NO LESS THAN 95% STANDARD PROCTOR DENSITY AS MEASURED BY NUCLEAR DENSITY METHOD.



ELECTRICAL CONDUIT FOR PSO TO BE 4" GRAY SCHEDULE 40 PVC.
TELEPHONE CONDUIT FOR SWB TO BE 4" WHITE SDR 35 PVC.
CABLE TELEVISION CONDUIT FOR TCI TO BE 4" WHITE SDR 35 PVC.

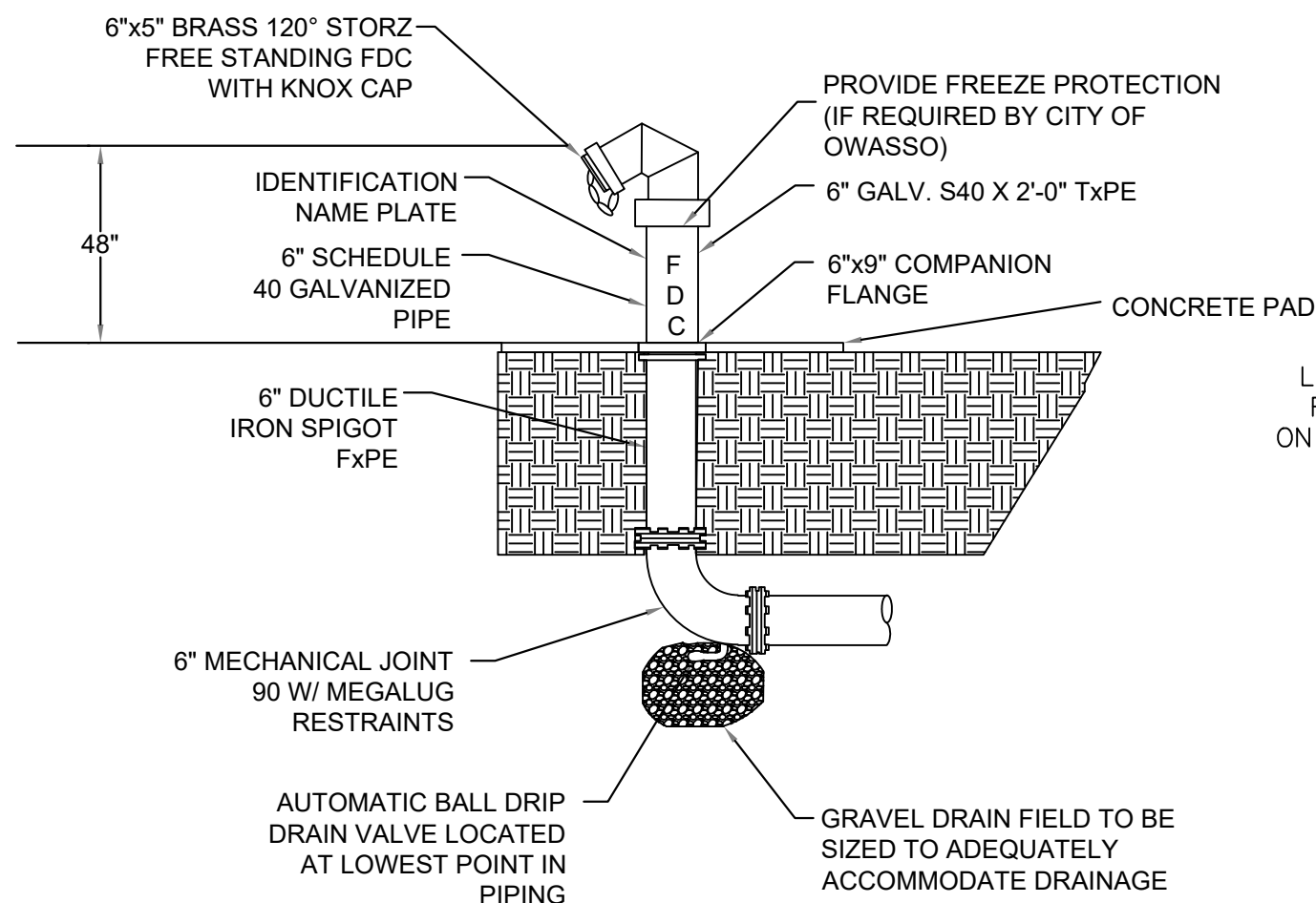
L Conduit Under Paving Detail

Scale: NONE



M Downspout Adapter Detail

Scale: NONE

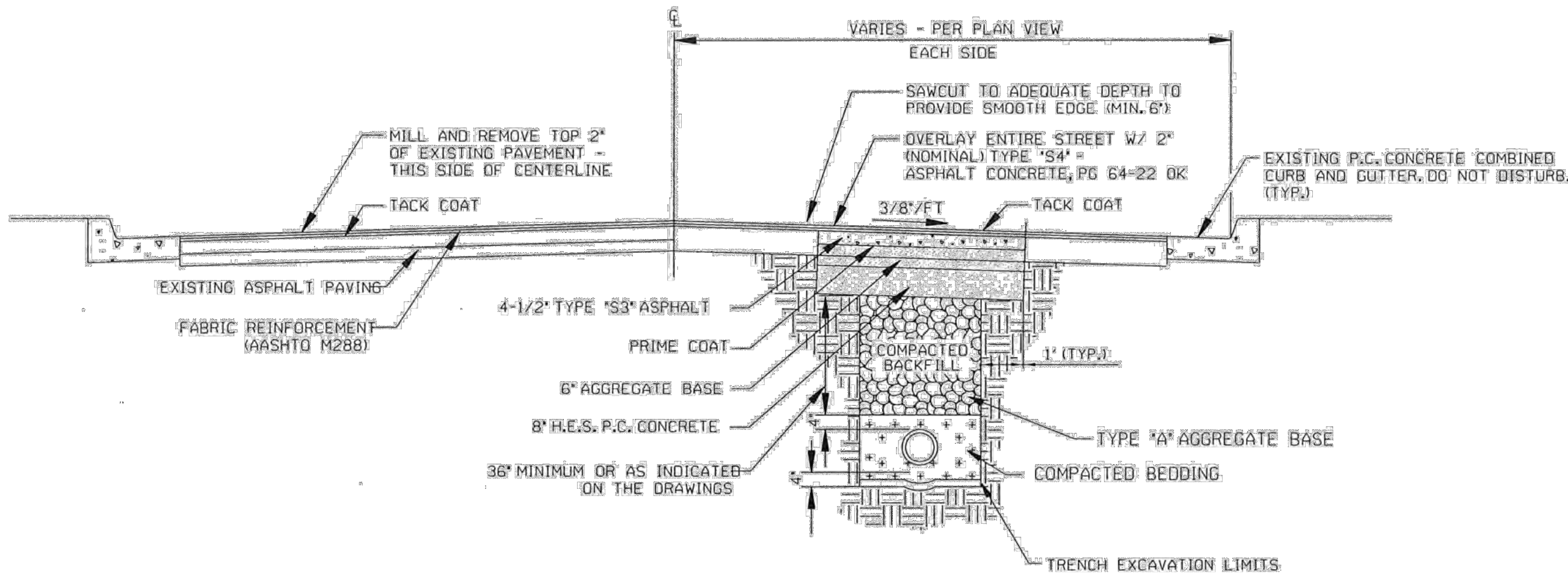


MM Remote FDC

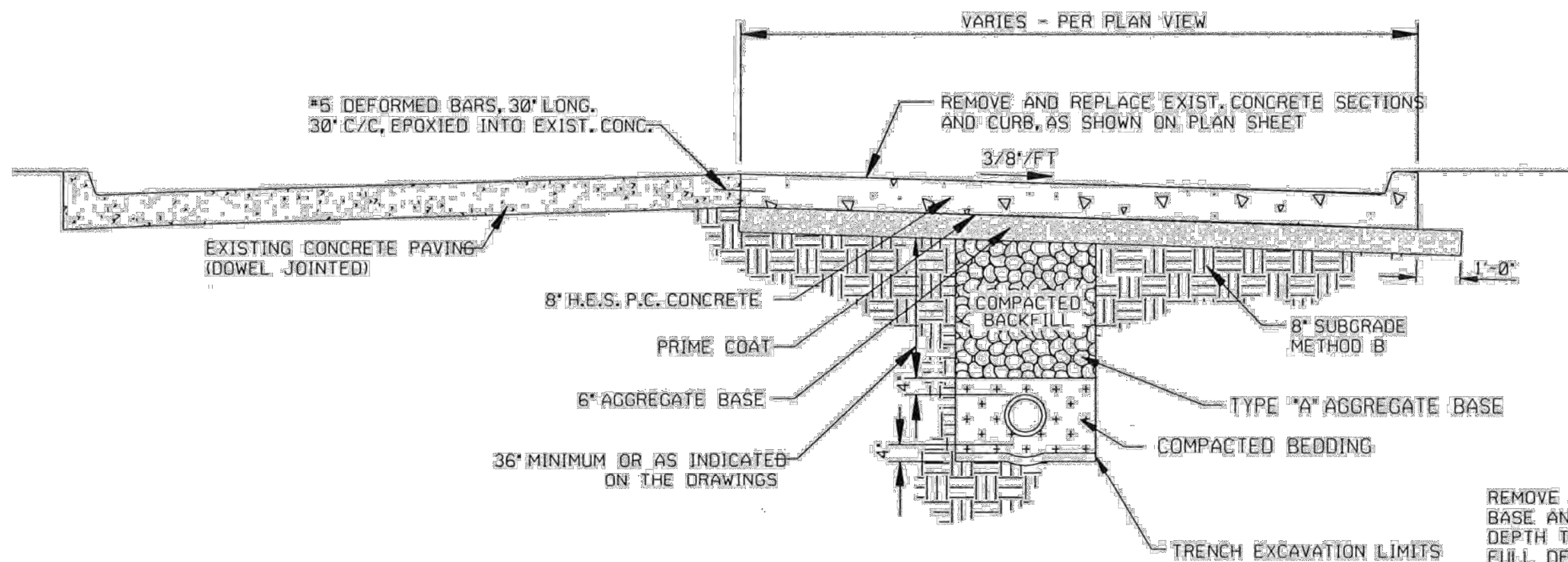
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ALL CONSTRUCTION TO BE IN STRICT ACCORDANCE WITH CURRENT CITY OF OWASSO STANDARDS AND SPECIFICATIONS (INCLUDING O.D.O.T. 2019 EDITION)



TYPICAL SECTION ASPHALT PAVEMENT REMOVAL AND REPLACEMENT W/ OVERLAY



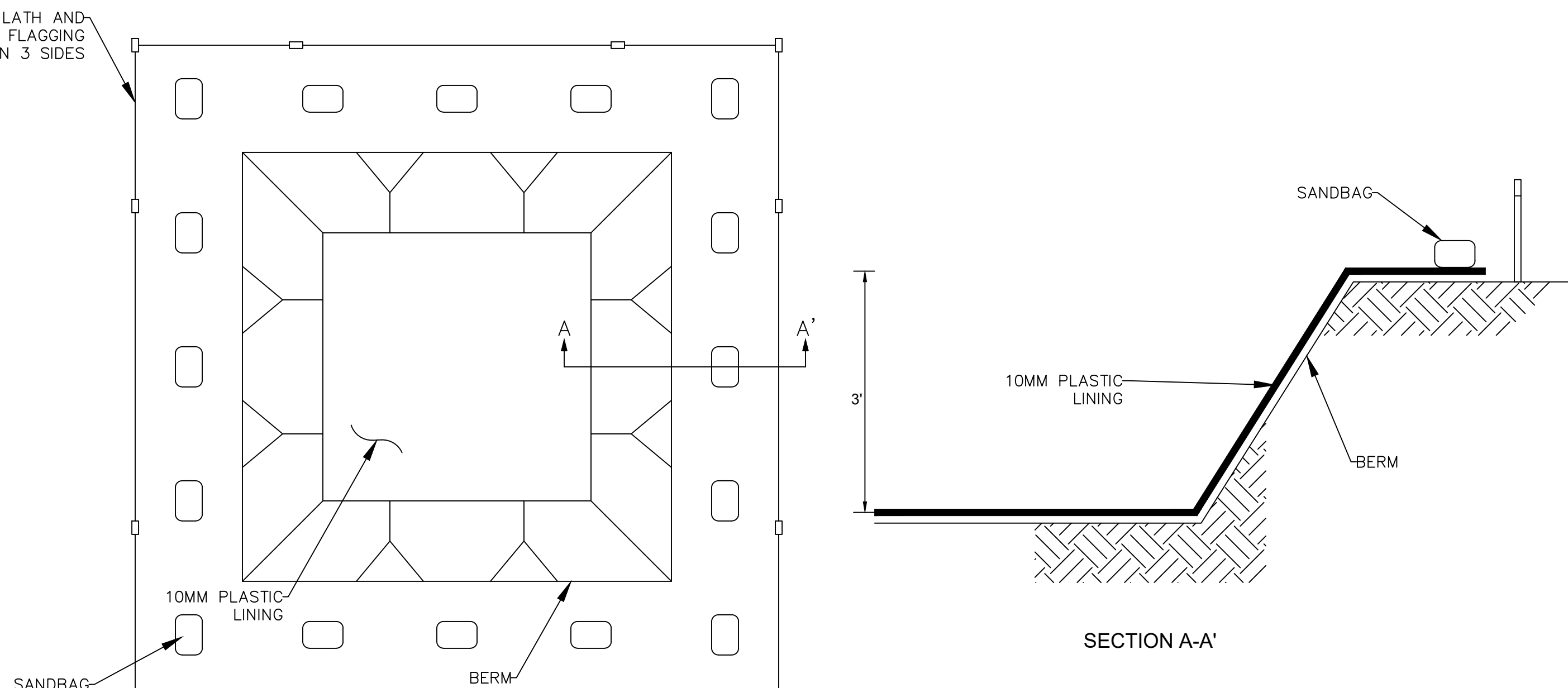
TYPICAL SECTION CONCRETE PAVEMENT REMOVAL AND REPLACEMENT W/ CURBED AREAS

REMOVE EXISTING CONCRETE PAVEMENT, BASE AND SUBGRADE TO SUFFICIENT DEPTH TO ALLOW CONSTRUCTION OF FULL DEPTH REPLACEMENT SECTION ABOVE UTILITY TRENCH - THIS SIDE OF CENTERLINE

- NOTE:
1. ACTUAL LAYOUT DETERMINED IN THE FIELD.
 2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

N Remove & Replace Utility Rehabilitation

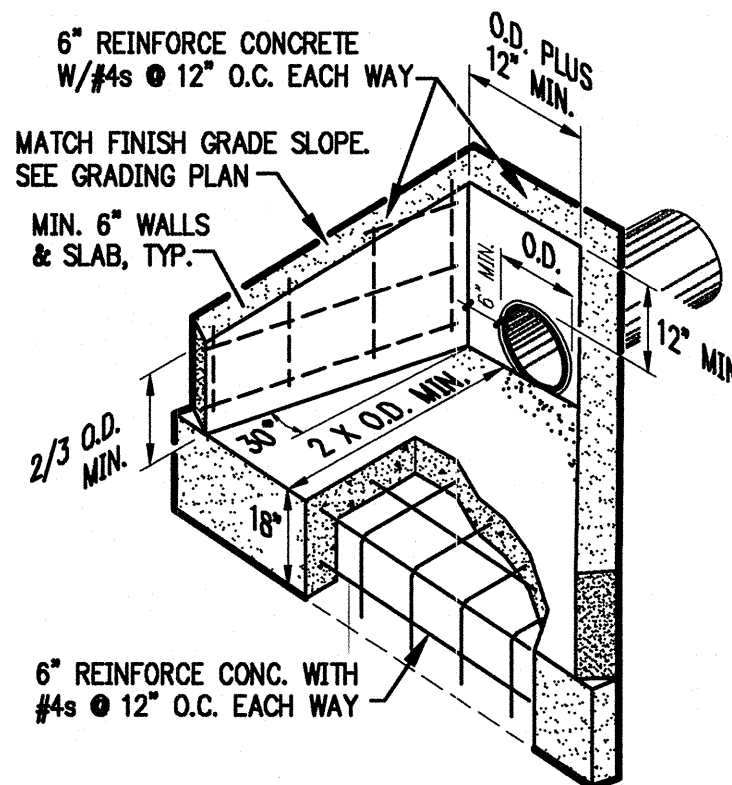
Scale: NONE



O Concrete Washout

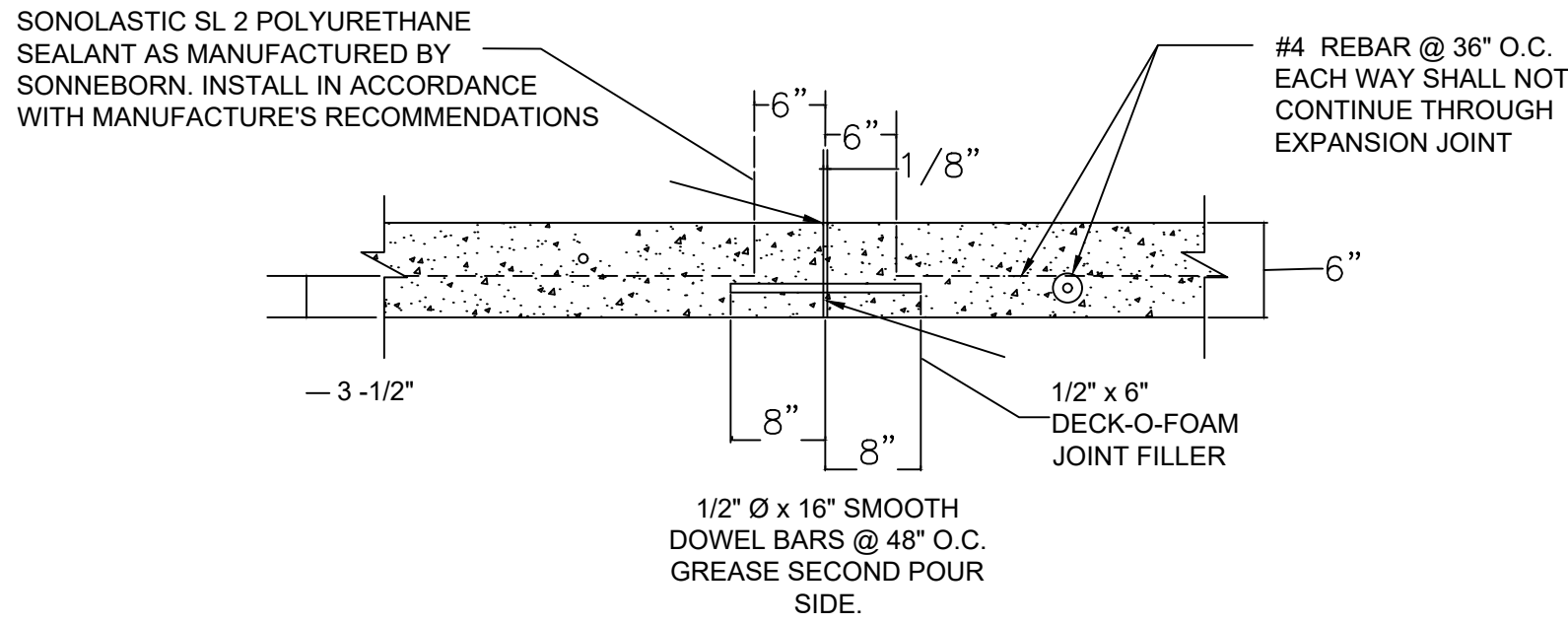
Scale: NONE

1. PROVIDE 3/4" CHAMFER ON ALL EXPOSED EDGES UNLESS ADJACENT TO SIDEWALKS OR OTHER CONCRETE SURFACES.
2. BASE AND INLET WALLS TO BE POURED MONOLITHICALLY.
3. PIPES MAY ENTER BOX FROM ANY ANGLE OR ELEVATION APPROVED BY THE ENGINEER.
4. ALL #4 & #5 REINFORCING BARS TO BE GRADE 60 AND HAVE 1-1/2" MINIMUM COVER. >#5, 2" COVER.
5. CONCRETE SHALL BE CLASS B, 3500#, 4%-7% A.E.
6. CONTRACTOR SHALL PROVIDE APPROVED PEDESTRIAN SAFETY RAILS AND VEHICULAR GUARD RAILS WHERE NECESSARY OR REQUIRED BY LOCAL, STATE AND FEDERAL CODES.



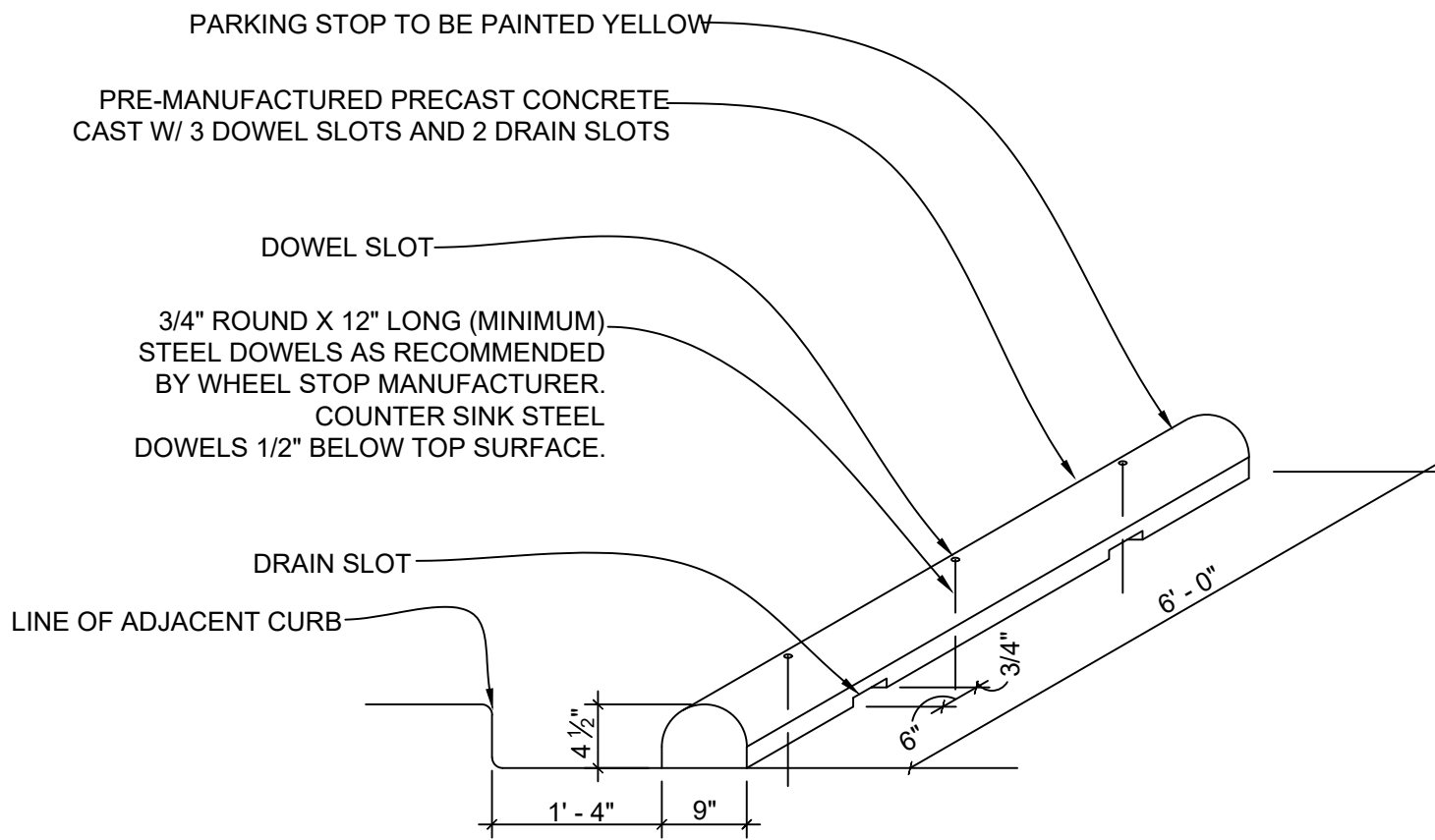
p Headwall

Scale: NONE



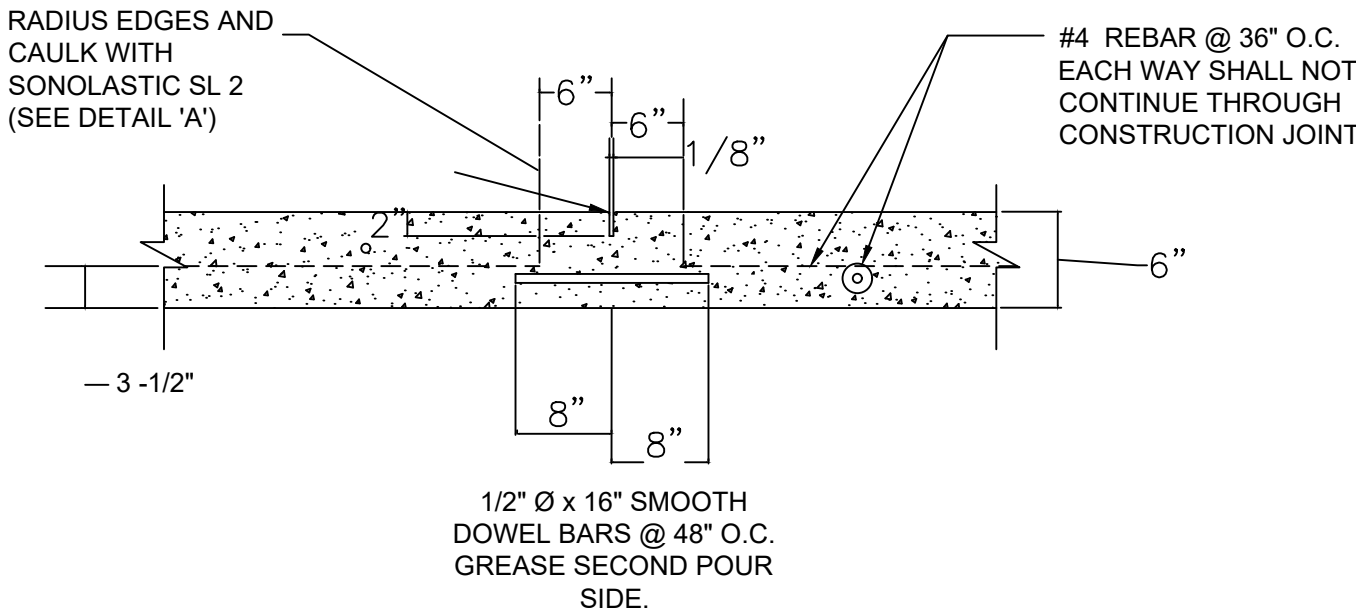
Q Concrete Expansion Joint - Detail "A"

Scale: NONE



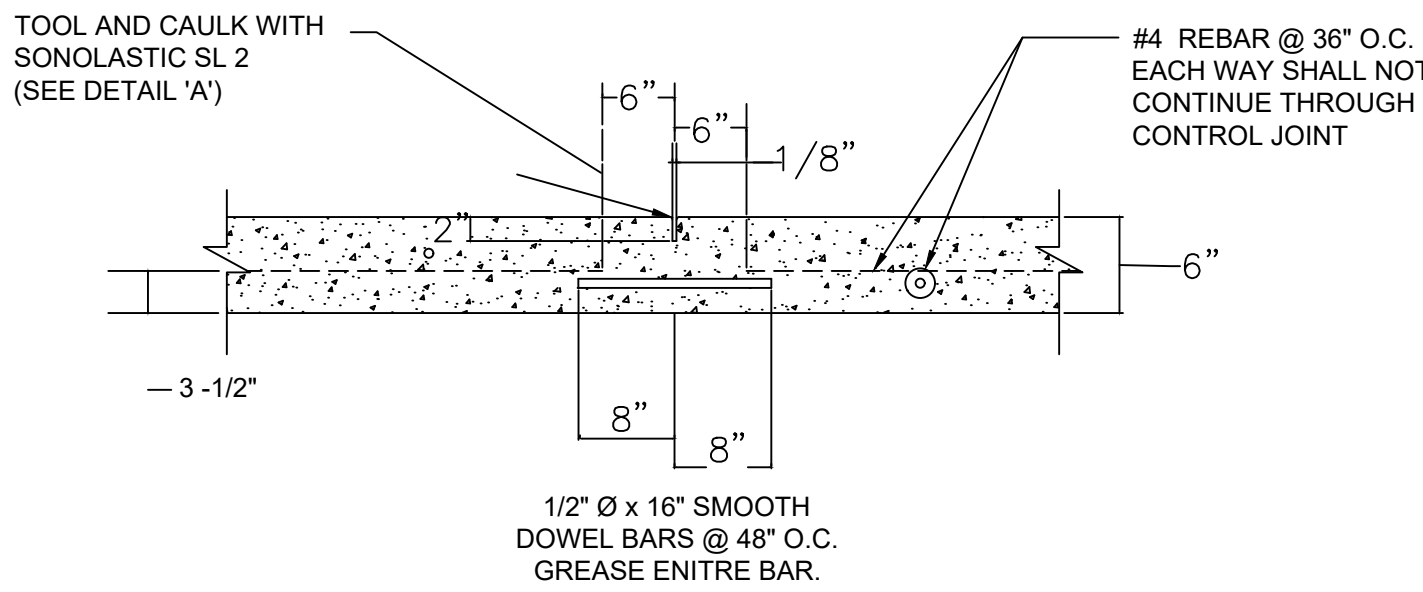
T Wheel Stop

Scale: NONE



R Concrete Construction Joint - Detail "B"

Scale: NONE



S Concrete Control Joint - Detail "C"

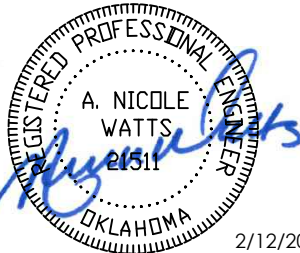
Scale: NONE



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expires 6/30/2027

OWASSO 8th GRADE ADDITION

OWASSO PUBLIC
SCHOOLS

OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL
CITY RESUBMITTAL

11.25.2025
02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

240301.01
L20
ANW

PROJECT NO
DRAWN BY
CHECKED BY

DETAIL SHEET 3

C802

SHEET TITLE

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LANDSCAPE GRADING & TOPSOIL

- 1. TOPSOIL: REUSE FROM STOCKPILE AND PROVIDE NEW TOPSOIL AS NEEDED.
- 2. IMPORTED TOPSOIL: FRIABLE LOAM, TYPICAL OF CULTIVATED TOPSOILS LOCALLY; FREE OF SUBSOIL, ROOTS, GRASS, EXCESSIVE AMOUNT OF WEEDS, STONE, AND FOREIGN MATTER; ACIDITY RANGE (PH) OF 6.0 TO 7.0; CONTAINING A MINIMUM OF 2 PERCENT AND A MAXIMUM OF 5 PERCENT ORGANIC MATTER. TOPSOIL SHALL NOT BE DELIVERED OR USED FOR PLANTING WHILE IN A FROZEN OR MUDDY CONDITION. TOPSOIL SHALL CONFORM TO THE FOLLOWING GRAIN SIZE DISTRIBUTION FOR MATERIAL PASSING THE #10 SIEVE:

U.S.SIEVE SIZE	PERCENT PASSING	
	MINIMUM	MAXIMUM
10	100	--
18	85	100
35	70	95
60	50	85
140	36	63
270	32	52
0.002MM	3	8

- 3. SUBMIT SOURCE AND ANALYSIS OF TOPSOIL FOR BACKFILL. TEST TO BE PERFORMED BY ACCREDITED SOILS LABORATORY. SUBMITS SOILS TEST AND RECOMMENDATIONS FOR AMENDMENTS INCLUDING ADJUSTING SOIL pH TO A VALUE BETWEEN 6.0 AND 7.0.
- 4. ELIMINATE UNEVEN AREAS AND LOW SPOTS. REMOVE DEBRIS, ROOTS, BRANCHES, STONES, IN EXCESS OF 1 INCH IN SIZE. REMOVE SUB-GRADE CONTAMINATED WITH PETROLEUM PRODUCTS.
- 5. SCARIFY SUB-GRADE TO DEPTH OF 6 INCHES WHERE TOPSOIL IS SCHEDULED. REMOVE DEBRIS THAT IS BROUGHT TO THE SURFACE IN EXCESS OF 1 INCH IN SIZE.
- 6. REVIEW SUB-GRADE SCARIFICATION WITH OWNER'S REPRESENTATIVE PRIOR TO COMMENCING PLACEMENT OF TOPSOIL.
- 7. USE TOPSOIL IN RELATIVELY DRY STATE. PLACE DURING DRY WEATHER.
- 8. FINE GRADE TOPSOIL OR PLANTING MIX ELIMINATING ROUGH OR LOW AREAS. MAINTAIN LEVELS, PROFILES, AND CONTOURS OF SUB-GRADE.
- 9. REMOVE STONE, ROOTS, GRASS, WEEDS, DEBRIS, AND FOREIGN MATERIAL WHILE SPREADING.
- 10. MANUALLY SPREAD TOPSOIL OR PLANTING MIX AROUND TREES, PLANTS, AND STRUCTURES, TO PREVENT DAMAGE.
- 11. LIGHTLY COMPACT PLACED TOPSOIL.
- 12. REMOVE SURPLUS SUBSOIL AND TOPSOIL FROM SITE.
- 13. LEAVE STOCKPILE AREA AND SITE CLEAN AND RAKED, READY TO RECEIVE LANDSCAPING.
- 14. TOP OF TOPSOIL OR PLANTING MIX TOLERANCES: PLUS OR MINUS 1/2 INCH.
- 15. REQUIRED TOPSOIL DEPTH FOR LANDSCAPE AREAS:
 - A. LAWN AREAS: 6 INCHES MINIMUM TOPSOIL.
 - B. PLANTING BEDS (SHRUBS, GROUND COVER, ETC.): 12 INCHES MINIMUM TOPSOIL.

SODDING

- 1. SOD: CULTIVATED GRASS SOD; WITH STRONG FIBROUS ROOT SYSTEM, FREE OF STONES, BURNED OR BARE SPOTS, AND WEEDS.
- 2. VERIFY THAT PREPARED SOIL BASE IS READY TO RECEIVE THE WORK OF THIS SECTION.
- 3. SUBMIT GRASS SPECIES AND LOCATION OF SOD SOURCE FOR APPROVAL.
- 4. DELIVER SOD ON PALLETS. PROTECT EXPOSED ROOTS FROM DEHYDRATION.
- 5. DO NOT DELIVER MORE SOD THAN CAN BE LAID WITHIN 24 HOURS.
- 6. COORDINATE THE WORK OF THIS SECTION WITH INSTALLATION OF UNDERGROUND SPRINKLER SYSTEM AND PLANT MATERIAL AS APPLICABLE.
- 7. MAINTAIN SODDED AREAS IMMEDIATELY AFTER PLACEMENT UNTIL GRASS IS WELL ESTABLISHED, HAS ACHIEVED COMPLETE COVERAGE, AND EXHIBITS A VIGOROUS GROWING CONDITION OR UNTIL DATE OF SUBSTANTIAL COMPLETION WHICHEVER IS LONGER. MAINTENANCE PERIOD SHALL INCLUDE MINIMUM OF TWO MOWINGS.
- 8. FINISH GRADE AREAS TO BE SODDED SO THAT THE SURFACE IS SMOOTH AND IS APPROXIMATELY 1 INCH BELOW ADJOINING SIDEWALKS AND OTHER PAVED SURFACES.
- 9. REMOVE ALL WEEDS AND GRASSES FROM AREAS TO BE SODDED.
- 10. PLANTING SURFACE SHALL BE MADE FRIABLE BY APPROVED METHOD OF SCARIFICATION. PREPARED SURFACE SHALL BE FLOATED SMOOTH AND FREE OF BUMPS AND DEPRESSIONS. REMOVE STONES AND FOREIGN MATTER OVER 2 INCHES IN DIAMETER FROM TOP 2 INCHES OF SOD BED. PLANT IMMEDIATELY THEREAFTER, PROVIDED THE BED HAS REMAINED IN A FRIABLE CONDITION AND HAS NOT BECOME MUDDY OR HARD. IF IT HAS BECOME HARD, TILL TO A FRIABLE CONDITION AGAIN.
- 11. APPLY FERTILIZER NO MORE THAN 48 HOURS BEFORE LAYING SOD.
- 12. LIGHTLY WATER TO AID THE DISSIPATION OF FERTILIZER.
- 13. PRIOR TO LAYING SOD, INCORPORATE SOIL AMENDMENTS SUCH AS LIME AND SULPHUR AT RATES RECOMMENDED BY SOILS TESTS TO A 4 INCH DEPTH.
- 14. FINISHED SODDING TO BE SMOOTH AND FREE OF BUMPS AND DEPRESSION. SURFACE TO BE FLUSH WITH ADJOINING GRASS AREAS IF ANY. PLACE TOP ELEVATION OF SOD APPROXIMATELY 1/2 INCH BELOW ADJOINING EDGING, PAVING AND CURBS. GRADE PLANTING SURFACE AS NECESSARY TO ACCOMPLISH ABOVE.
- 18. ON SLOPES 4 INCHES PER FOOT AND STEEPER, LAY SOD PERPENDICULAR TO SLOPE AND SECURE EVERY ROW WITH WOODEN PEGS AT MAXIMUM 2 FEET ON CENTER. DRIVE PEGS FLUSH WITH SOIL PORTION OF SOD.
- 19. WATER SODDED AREAS DEEPLY IMMEDIATELY AFTER INSTALLATION.
- 20. AFTER SOD AND SOIL HAVE DRIED SUFFICIENTLY, ROLL SODDED AREAS TO INSURE GOOD BOND BETWEEN SOD AND SOIL AND TO REMOVE MINOR DEPRESSIONS AND IRREGULARITIES.
- 21. SODDED AREAS TO BE VIGOROUSLY GROWING AT TIME OF FINAL ACCEPTANCE OR IF INSTALLATION OCCURS DURING DORMANCY WARRANTY TO EXTEND THROUGH FIRST MONTH OF FOLLOWING GROWING SEASON. AT CONCLUSION OF INITIAL WARRANTY PERIOD REPLACE DEAD OR UNHEALTHY SOD.
- 22. MOW GRASS AT REGULAR INTERVALS TO MAINTAIN AT A MAXIMUM HEIGHT OF 2-1/2". DO NOT CUT MORE THAN 1/3 OF GRASS BLADE AT ANY ONE MOWING.
- 23. NEATLY TRIM EDGES AND HAND CLIP WHERE NECESSARY.
- 24. IMMEDIATELY REMOVE CLIPPINGS AFTER MOWING AND TRIMMING.
- 25. WATER SUFFICIENTLY TO INSURE ESTABLISHMENT AND MAINTAIN VIGOROUS APPEARANCE.
- 26. ROLL AND/OR TOPDRESS SURFACE AS NEEDED TO REMOVE MINOR DEPRESSIONS OR IRREGULARITIES.
- 27. CONTROL GROWTH OF WEEDS. APPLY HERBICIDES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. REMEDY DAMAGE RESULTING FROM IMPROPER USE OF HERBICIDES.
- 28. IMMEDIATELY REPLACE SOD IN AREAS WHICH SHOW DETERIORATION OR BARE SPOTS. ANY AREAS THAT HAVE HAD TOPSOIL WASHED AWAY SHALL BE FILLED TO MATCH SPECIFIED GRADE WITH TOPSOIL BEFORE RESODDING.
- 29. PROTECT SODDED AREAS WITH WARNING SIGNS DURING MAINTENANCE PERIOD.
- 30. APPLY APPROVED FERTILIZER AT RATE TO PROVIDE 1-1/2 POUNDS OF ACTUAL NITROGEN PER 1000 SQUARE FEET EVERY 25 DAYS DURING GROWING SEASON.
- 31. FOR THE PURPOSE OF ESTABLISHING AN ACCEPTABLE STANDARD, NO BARE AREAS WILL BE PERMITTED.

PLANTING

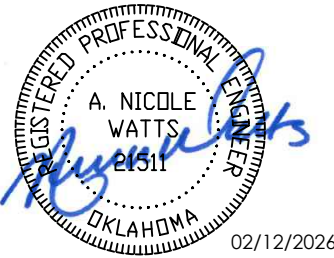
- 1. WORK REQUIRED IN THIS SECTION TO BE PERFORMED BY EXPERIENCED PERSONNEL UNDER DIRECTION OF A SKILLED FOREMAN.
- 2. CONTRACTOR SHALL LOCATE ALL MATERIALS AND BE RESPONSIBLE FOR CONFORMANCE WITH REQUIREMENTS OF THIS SECTION. ALL PLANTS NOT MEETING REQUIREMENTS SHALL BE REJECTED.
- 3. PLANT MATERIAL SUBMITTAL AND QUALITY ASSURANCE:
 - A. ALL PLANT MATERIAL TO BE REVIEWED BY THE LANDSCAPE ARCHITECT AND OR THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO DELIVERY/INSTALLATION.
 - B. AT THE DISCRETION OF THE LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE, TREES TO BE REVIEWED AT LOCAL GROWING OR NURSERY. CONTRACTOR SHALL SCHEDULE REVIEW OF PLANT MATERIAL IN SUCH A MANNER THAT NO SINGLE REVIEW PERIOD WILL EXCEED ONE WORKING DAY WITH A MAXIMUM OF TWO REVIEW PERIODS. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION AND COORDINATION WITH ALL PARTIES PRIOR TO SCHEDULING.
 - C. CONTRACTOR SHALL SUBMIT IMAGES OF ACTUAL NURSERY STOCK PLANT MATERIAL INTENDED FOR USE ON PROJECT FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT NO LESS THAN (2) TWO WEEKS BEFORE COMMENCING WORK.
- 4. ALL PLANT MATERIAL SHALL BE TRUE TO NAME, IN GOOD HEALTH, FREE OF DISEASE AND INSECTS, EXCELLENT IN FORM AND IN CONFORMANCE WITH ANSI Z60. SPECIES AND SIZE IDENTIFIED ON PLANT LIST. ALL PLANTER MATERIALS TO BE NURSERY GROWN.
- 5. B&B PLANTS TO BE MOVED WITH SOLID BALLS WRAPPED IN BURLAP. PLANTS TO BE LIFTED ONLY BY BALL OR CONTAINER
- 6. DELIVER PLANT MATERIALS IMMEDIATELY PRIOR TO PLACEMENT. KEEP PLANT MATERIALS NOT IMMEDIATELY INSTALLED MOIST AND PROTECT FROM FREEZING BY COVERING BALL OR CONTAINER WITH MULCH. ANY PLANTS NOT PLANTED WITHIN 2 DAYS OF DELIVERY ARE TO BE HEELED-IN IN A VERTICAL POSITION, ROOT BALLS FULLY ENCOMPASSED BY MULCH AND A TEMPORARY WATERING SYSTEM INSTALLED.
- 7. WARRANT ALL PLANTS TO BE LIVING, HEALTHY SPECIMENS FOR A PERIOD OF ONE YEAR COMMENCING UPON DATE OF SUBSTANTIAL COMPLETION. WARRANTY PERIOD SHALL TERMINATE ONLY IF PLANTS HAVE BEEN IN FULL LEAF FOR 30 DAYS AT END OF WARRANTY PERIOD. TERMINATION OF WARRANTY PERIOD SHALL BE EXTENDED AS NECESSARY TO COMPLY. ALL MATERIALS TO BE IN VIGOROUS CONDITION AT END OF WARRANTY PERIOD.
- 8. IMMEDIATELY REMOVE DEAD PLANTS AND PLANTS NOT IN A VIGOROUS CONDITION AND REPLACE AS SOON AS WEATHER CONDITIONS PERMIT. EACH REPLACEMENT SHALL BE COVERED WITH ONE YEAR WARRANTY COMMENCING AT TIME OF PLANTING. REPLACEMENTS TO MATCH ADJACENT PLANTS OF THE SAME SPECIES IN SIZE AND FORM.
- 9. CONTRACTOR TO BEGIN MAINTENANCE OF PLANT MATERIAL IMMEDIATELY AFTER PLANTING AND CONTINUE UNTIL DATE OF SUBSTANTIAL COMPLETION.
- 10. MAINTENANCE SHALL INCLUDE MEASURES NECESSARY TO ESTABLISH AND MAINTAIN PLANTS IN A VIGOROUS AND HEALTHY GROWING CONDITION. INCLUDE THE FOLLOWING:
 - A. CULTIVATION AND WEEDING OF PLANT BEDS AND TREE PITS. WHEN HERBICIDES ARE USED FOR WEED CONTROL, APPLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. REMEDY DAMAGE RESULTING FROM USE OF HERBICIDES.
 - B. WATERING SUFFICIENT TO MAINTAIN OPTIMUM MOISTURE LEVEL.
 - C. PRUNING, INCLUDING REMOVAL OF DEAD OR BROKEN BRANCHES, AND TREATMENT OF PRUNE WOUNDS.
 - D. DISEASE AND INSECT CONTROL.
 - E. MAINTAINING PLANTS IN AN UPRIGHT, PLUMB POSITION, AND REPAIR OF SETTLING.
 - F. MAINTENANCE OF WRAPPINGS, GUYS, TURNBUCKLES AND STAKES. ADJUST TURNBUCKLES OR OTHERWISE KEEP
 - G. GUY WIRES TIGHT. REPAIR OR REPLACE ACCESSORIES WHEN REQUIRED.
- 11. MULCH: DOUBLE GROUND HARDWOOD BARK MULCH EQUAL TO THAT PRODUCED BY FOSTER BROTHERS, WOOD PRODUCTS INC. www.fosterbros.com. SUBMIT TYPE AND SOURCE FOR APPROVAL BY OWNER'S REPRESENTATIVE.
- 12. FERTILIZER: OSMOCOTE SLOW RELEASE 18-6-12
- 13. SOIL ACIDIFIER: EQUAL TO TIGER 90 CR ORGANIC SULPHUR 0-0-0-90
- 14. COMPOST: BACK TO EARTH COMPOSTED COTTON BURRS AS SUPPLIED BY SOIL MENDER PRODUCTS, LP www.soilmender.com
- 15. METAL EDGING: 3/16 INCH x 4 INCH STEEL LANDSCAPE EDGING WITH STEEL STAKES AS MANUFACTURED BY COL-MET, 3333 MILLER PARK SOUTH, GARLAND, TEXAS 75042, PHONE 972/494-3900, WWW.COLMET.COM. EDGING TO BE SET VERTICAL WITH TOP EDGE 1 INCH ABOVE FINISHED GRADE.
- 16. WRAPPING MATERIALS: HEAVY PAPER MANUFACTURED FOR TREE WRAPPING PURPOSE.
- 17. GREEN METAL FENCE POSTS (3 PER TREE) - 8 FOOT HEIGHT.
- 18. HARDWARE (CABLES, WIRE, EYE BOLTS, AND TURNBUCKLES): NONCORROSIVE; OF SUFFICIENT STRENGTH TO WITHSTAND WIND PRESSURE.
- 19. TIE STRAPS: SOFT POLYPROPYLENE MATERIAL EQUAL TO ARBORTIE, BY DEEP ROOT PARTNERS, L.P., 31 LANGSTON ST., SUITE 4, SAN FRANCISCO, CA, 94103, 1-800-277-7668.
- 20. REMOVE ALL WEEDS AND GRASSES FROM PLANTING BEDS. BERMUDA GRASS, IF PRESENT, TO BE EXTERMINATED BY APPROVED MEANS OR ALL SOIL REMOVED TO 6 INCH DEPTH AND REPLACED WITH TOPSOIL FREE OF BERMUDA GRASS.
- 21. STAKE TREE LOCATIONS AND PLACE SHRUBS, VINES, AND GROUND COVERS FOR REVIEW AND FINAL ORIENTATION BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- 22. OUTLINE BED EDGES FOR APPROVAL BY OWNER'S REPRESENTATIVE.
- 23. EXCAVATE FOR PLANT MATERIALS. TREE PITS SHALL BE 8" IN DIAMETER. CIRCLE TO BE CENTERED ON TREE AND TRUE IN FORM. SLOPE CUT EDGE TO 6" DEPTH AND BOTTOM OF PIT TO DEPTH REQUIRED TO ACCOMMODATE TREE ROOTBALL. SHRUB PITS SHALL BE 12 INCHES GREATER IN DIAMETER THAN ROOT BALL. TOPSOIL FROM EXCAVATION MAY BE RETAINED FOR BACKFILL IF IT IS FRIABLE AND FREE OF ROCK AND CLODS GREATER THAN 2" IN DIA. REMOVE ALL SUBSOIL, ROCK, AND DEBRIS FROM SITE.
- 24. SET TREES WITH TOP OF ROOT BALL 3 INCHES ABOVE SURROUNDING GRADE, AND OTHER PLANT MATERIALS 1 INCHES ABOVE SURROUNDING GRADE, AFTER SETTLEMENT.
- 25. REMOVE CONTAINERS FROM CONTAINER-GROWN STOCK. SET PLANTS IN CENTER OF PITS AND BACKFILL WITH TOPSOIL IN 6 INCH LAYERS. PULL AWAY ROPES, WIRES, ETC. FROM THE TOP OF THE BALL.
- 26. REMOVE ANY SOIL FROM THE TOP OF THE ROOTBALL, TO THE LEVEL OF THE ROOT FLARE.
- 27. THOROUGHLY WATER SOIL WHEN THE HOLE IS HALF FULL, AND AGAIN WHEN FULL.
- 28. APPLY 1/2 POUND FERTILIZER EVENLY OVER CULTIVATED AREA AROUND EACH TREE AND 1 POUND PER 100 SQUARE FEET TO SHRUB AND GROUND COVER PLANTINGS.
- 29. AFTER PLANTING TREES, FORM A 3' DIAMETER RIDGE OF TOPSOIL AROUND EDGE OF EXCAVATION TO RETAIN WATER.



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OWASSO
8th GRADE
ADDITION

OWASSO PUBLIC
SCHOOLS

OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL
CITY RESUBMITTAL

11.25.2025
02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

240818.01
KAD
JDB

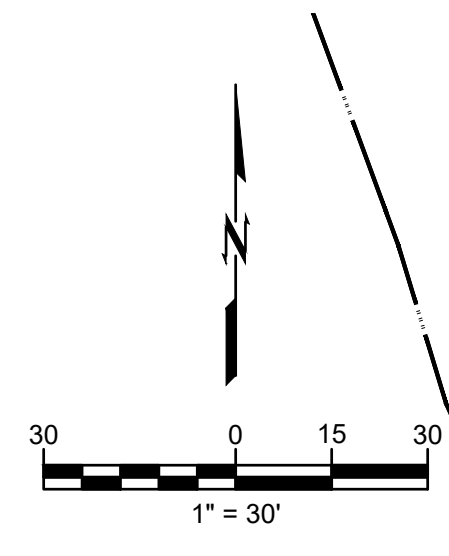
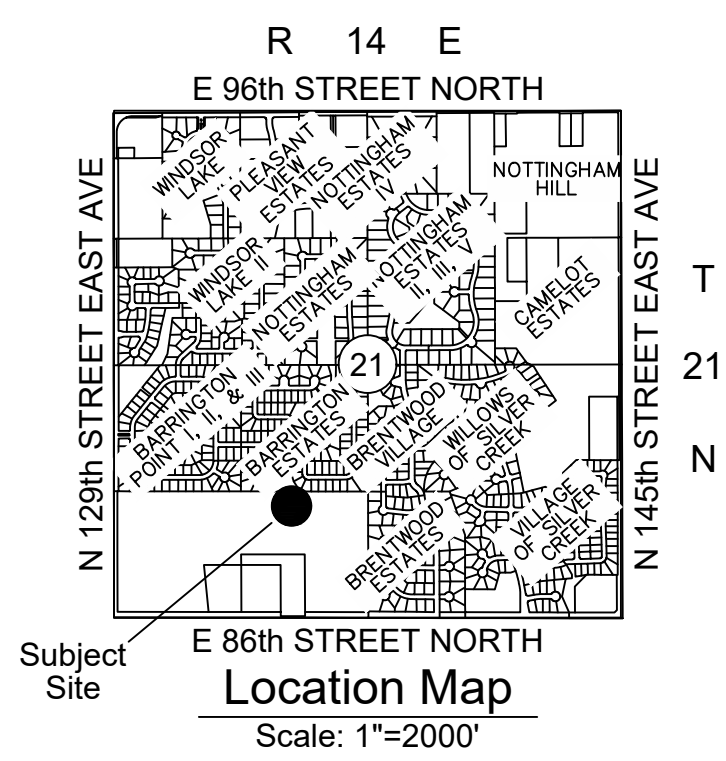
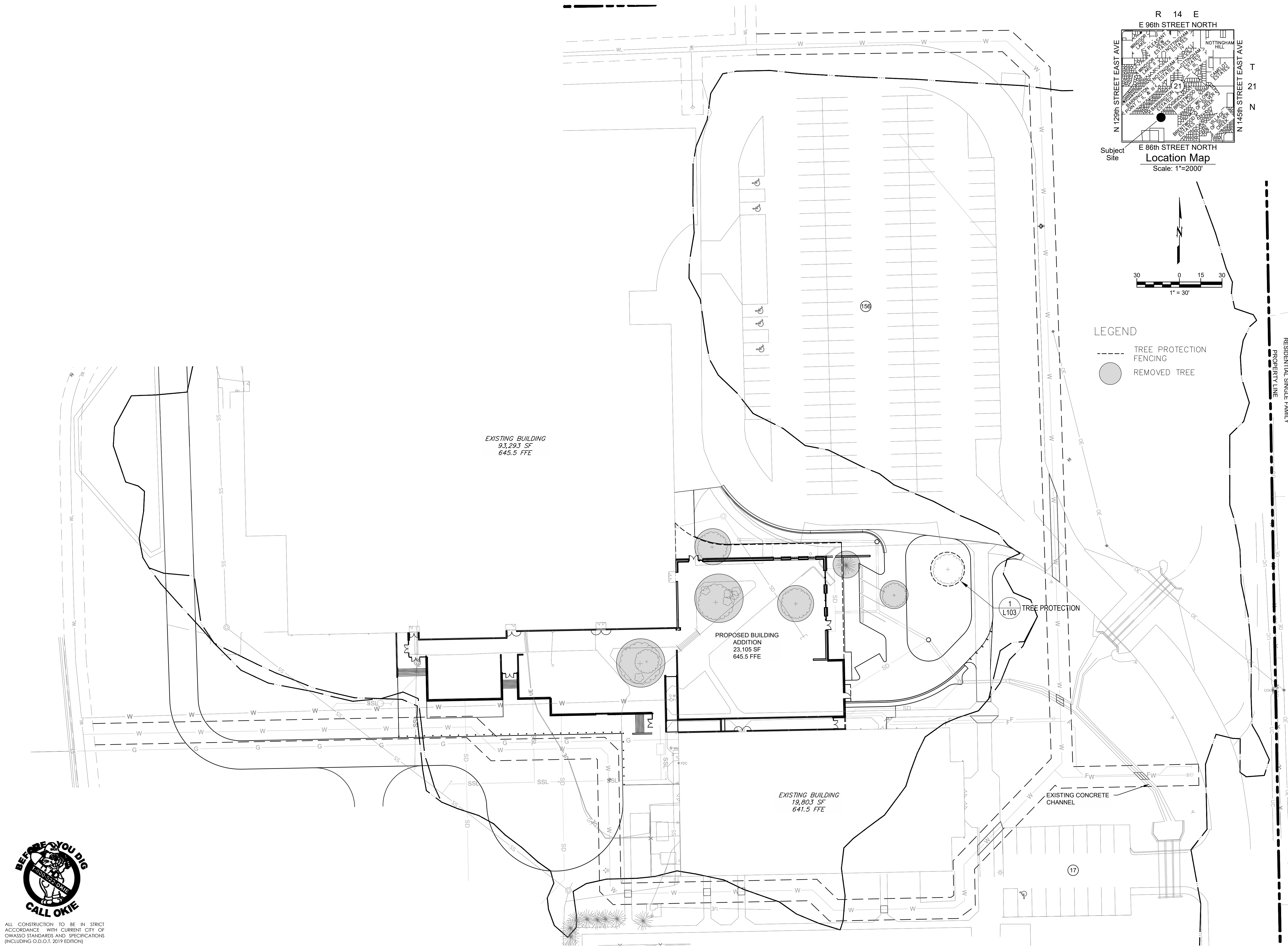
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CHECKED BY

LANDSCAPE
SPECIFICATIONS

L001

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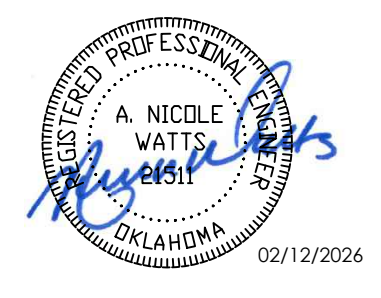
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- LEGEND
- TREE PROTECTION FENCING
 - REMOVED TREE

RS-3 ZONING
RESIDENTIAL SINGLE FAMILY
PROPERTY LINE

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OWASSO 8th GRADE ADDITION

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

LANDSCAPE
DEMOLITION

240818101
KAD
JHB
PROJECT NO
DRAWN BY
CHECK BY

L101

SHEET TITLE

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SITE DATA	
LAND AREA SUMMARY	
NET LAND AREA	332,803 SF (7.64 AC)
ZONING	
ZONING	PUBLIC FACILITIES (PF)
ADDRESS	
13901 EAST 86TH STREET NORTH	
BUILDING DATA	
EXISTING 8TH GRADE CENTER:	93,293 SF
EXISTING GYMNASIUM:	19,803 SF
PROPOSED ADDITION:	23,105 SF
TOTAL BUILDING:	136,201 SF
OFF-STREET PARKING REQUIREMENTS	
REQUIRE PARKING SPACES PROVIDED:	177
HANDICAP PARKING REQUIREMENTS	
REQUIRED:	6 HANDICAP SPACES
PROVIDE:	6 HANDICAP SPACES
IMPERVIOUS AREA	
TOTAL DISTURBED AREA:	87,120 SF (2.00 AC)
EXISTING IMPERVIOUS AREA:	310,557 SF (7.12 AC)
PROPOSED IMPERVIOUS AREA:	333,644 SF (7.65 AC)
NET INCREASE:	+ 23,086.80 SF
LEGAL DESCRIPTION	
S/2 SW LESS BEG SWC SE SE SW SW TH NW552.98 E388.06 N110 E660 S660 W POB & LESS W33 THEREOF FOR RD & LESS S60.01 E962.73 W995.73 THEREOF & LESS S60.01 E665.92 SE SW FOR RD SEC 21 21 14 62.602AC	
SECTION: 21 TOWNSHIP: 21 RANGE: 14	
FEMA FLOODPLAIN	
FIRM PANEL:	40143C0139L EFF. 10/15/12 40143C0137K EFF. 08/02/09
DESIGNATION:	ZONE A

LEGEND

- SOLID SOD BERMUDA
- TREE PROTECTION FENCING
- TREE GATOR® OR EQUIVALENT BAG

NOTE

1. TREES SHALL BE WATERED DURING THE TWO YEAR MAINTENANCE PERIOD AFTER WHICH GATORBAGS® MAY BE REMOVED.

PLANT LIST

KEY	QUAN	UNIT	NAME	SIZE	ROOT BALL	REMARKS
PIS CHI	6	EA.	PISTACIA CHINENSIS CHINESE PISTACHE	6-8" H 2" CP	B&B	MATCHED

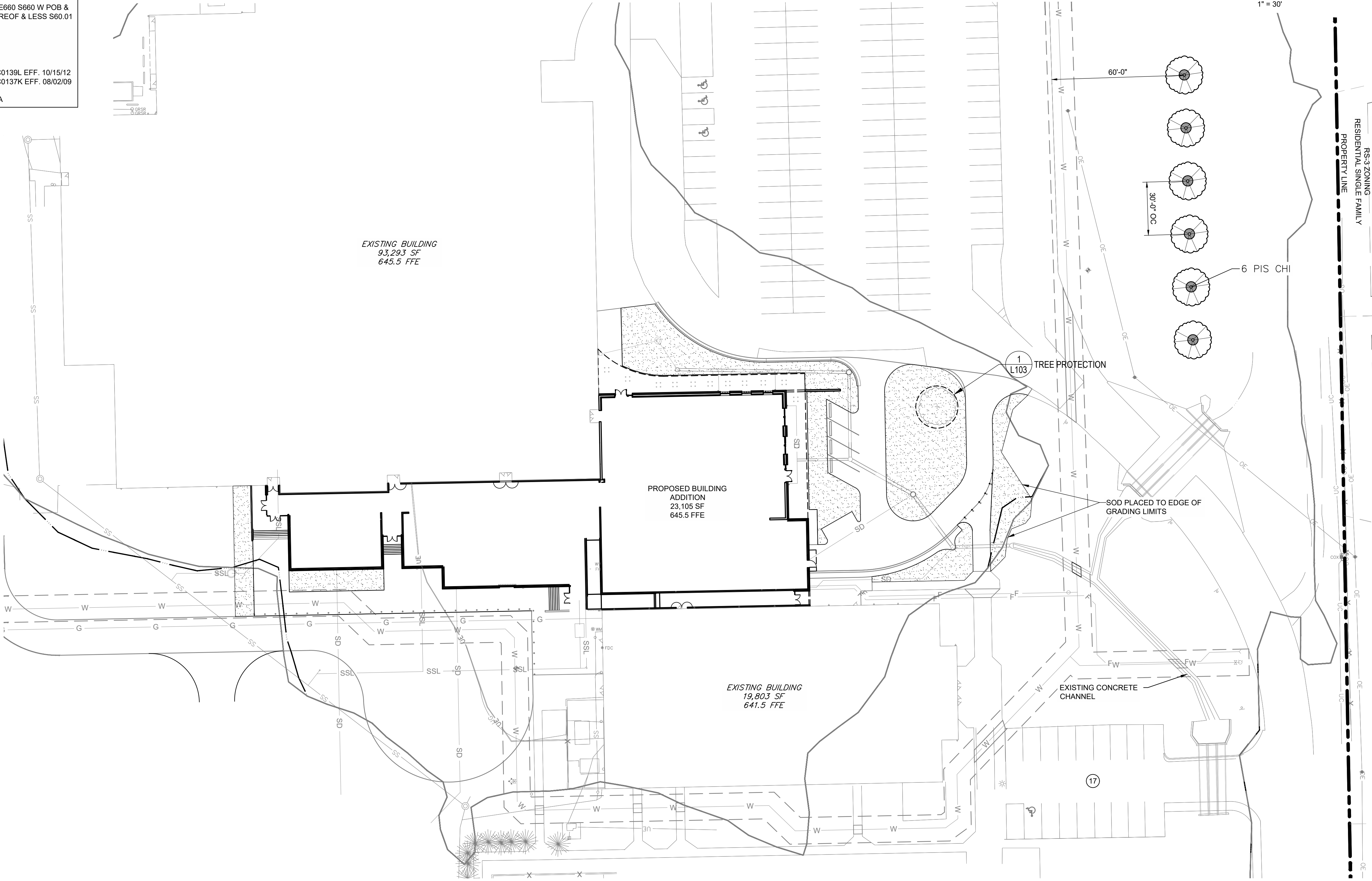
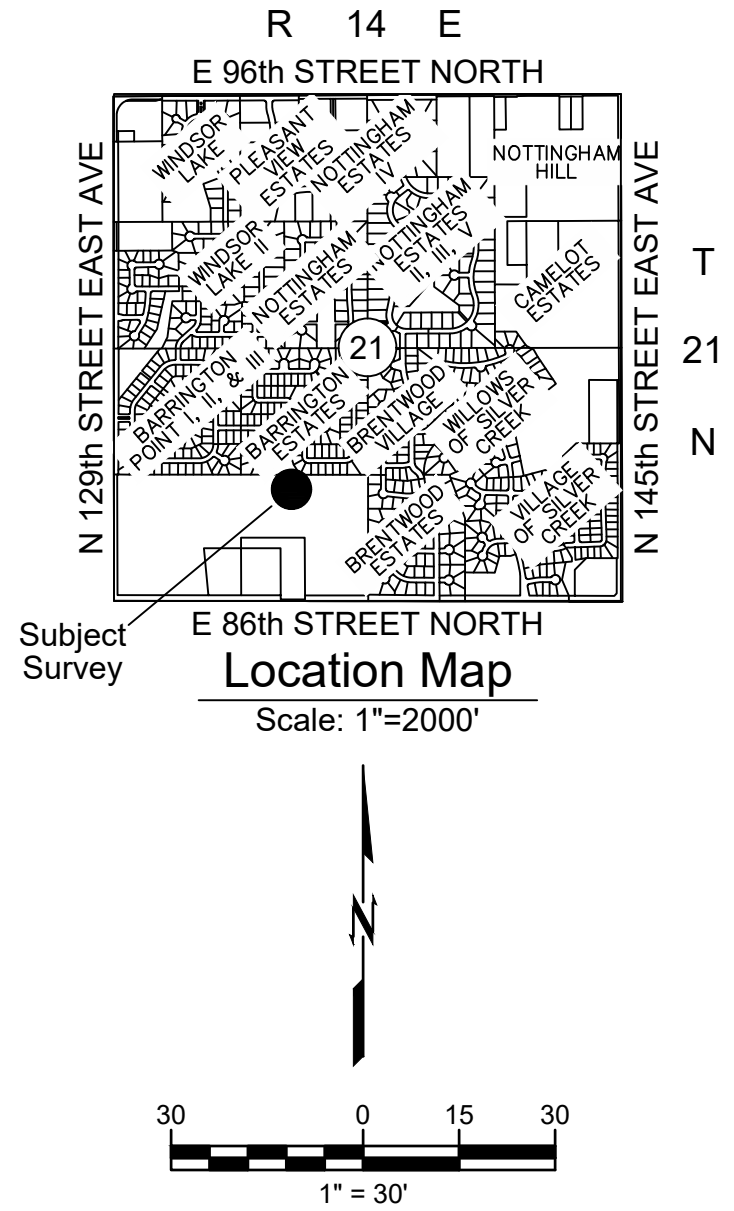
- B&B: BALLED AND BURLAP, H: HEIGHT, CP: CALIPER, C: CONTAINER, MT: MULT-TRUNK, FTG: FULL TO GROUND
- O.C.: INDICATES APPROXIMATE SPACING TO BE EQUAL ON CENTER. SHALL BE CONSIDERED GENERAL GUIDELINE ONLY AND MAY BE MODIFIED TO SUIT ON-SITE CONDITIONS.
 - MATCHED: SIZE AND OTHER PHYSICAL CHARACTERISTICS TO BE SIMILAR. ALL DIMENSIONS TO BE WITHIN 5% RANGE.
 - QUANTITIES ON PLANT LIST ARE FOR CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS SHOWN ON PLANTING PLANS AND COVERAGE OF ALL AREAS DELINEATED. WHEN DISCREPANCIES OCCUR BETWEEN PLANT LIST AND PLANTING PLANS, THE PLANS ARE TO SUPERSEDE THE PLANT LIST.
 - 4" CALIPER TREES AND LARGER TO BE LIMBED 6" MINIMUM TO FIRST BRANCH WITH NO VISIBLE PRUNING MARKS ALLOWED UNLESS OTHERWISE NOTED.
 - ALL TREES TO HAVE A SINGLE CENTRAL LEADER UNLESS OTHERWISE NOTED.

CITY OF OWASSO
LANDSCAPE REQUIREMENT

- REQUIREMENTS
- TAC NOTE: REPLACE ANY LOST LANDSCAPE MATERIAL WITH NEW MATERIAL, IN ACCORDANCE WITH COMMENTS FROM THE DECEMBER 17, 2025 TAC MEETING.
- LOST TREES: 6 TREES LOST DUE TO CONSTRUCTION OF THE NEW ADDITION.
- PROVIDED: 6 TREES

PLANTING NOTES

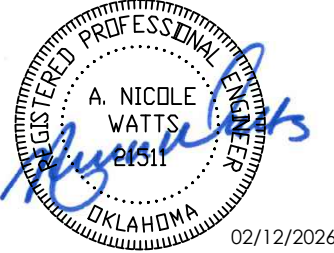
- CONTRACTOR TO ASCERTAIN LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO EXCAVATION AND BE RESPONSIBLE FOR DAMAGE RESULTING FROM PLANTING OPERATIONS. REPAIRS SHALL BE MADE AT NO COST TO THE OWNER.
- ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN ON THE SURVEY. CONTACT THE LOCAL UTILITY LOCATION SERVICES PRIOR TO COMMENCING CONSTRUCTION OPERATIONS.
- ALL AREAS NOTED AS "LAWN" ON PLAN, AND ALL OTHER AREAS ON SITE WHICH ARE NOT OTHERWISE DESIGNATED AND ARE DAMAGED BY CONSTRUCTION, ARE TO BE PLANTED WITH SOLID SOD BERMUDA GRASS.
- ALL PLANTING BEDS THAT ABOUT LAWN AREAS TO BE BORDERED BY STEEL EDGING.
- FINISH GRADE FOR SHRUB, GROUND COVER, AND LAWN AREAS SHALL BE HELD 1" BELOW TOP OF ADJACENT PAVEMENT AND CURBS UNLESS OTHERWISE NOTED ON DRAWINGS.
- FIELD STAKE LOCATIONS OF PROPOSED TREES FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO DELIVERY OF TREES.
- FOR ADDITIONAL PLANTING REQUIREMENTS REFER TO SPECIFICATIONS.
- BY SUBMITTING A BID, THE CONTRACTOR ACKNOWLEDGES HAVING VISITED THE SITE AND BECOME FAMILIAR WITH THE CONDITIONS RELATED TO THE INSTALLATION OF SITE IMPROVEMENTS.
- GATORBAGS® OR EQUIVALENT SHALL BE USED TO WATER THE TREES.
- THE OWNER SHALL BE RESPONSIBLE FOR THE WATERING AND MAINTENANCE OF THE NEWLY PLANTED TREES
- GATORBAGS® SHALL BE FILLED 2X PER WEEK WHEN THERE IS LESS THAN 1" OF RAINFALL IN A ONE WEEK PERIOD
- TREES SHALL BE WATERED FOR A TWO YEAR MAINTENANCE PERIOD AFTER WHICH GATORBAGS® MAY BE REMOVED.
- SHRUBS SHALL BE HAND WATERED BY THE OWNER DURING PERIODS OF DRY WEATHER WHEN THERE IS LESS THAN 1" OF RAINFALL IN A ONE WEEK PERIOD.
- ALL TREES TO BE PLACED 5 FEET HORIZONTALLY FROM BURIED UTILITY LINES
- ALL PLANT MATERIAL TO BE MAINTAINED BY THE PROPERTY OWNER. PROPERTY OWNER IS RESPONSIBLE FOR THE REPLACEMENT OF ANY DEAD PLANT MATERIAL.
- ALL PLANT MATERIAL TO BE INSTALLED PRIOR TO ISSUANCE OF A CERTIFICATED OF OCCUPANCY



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oklahoma ca #CA03146
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OWASSO
8th GRADE
ADDITION

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

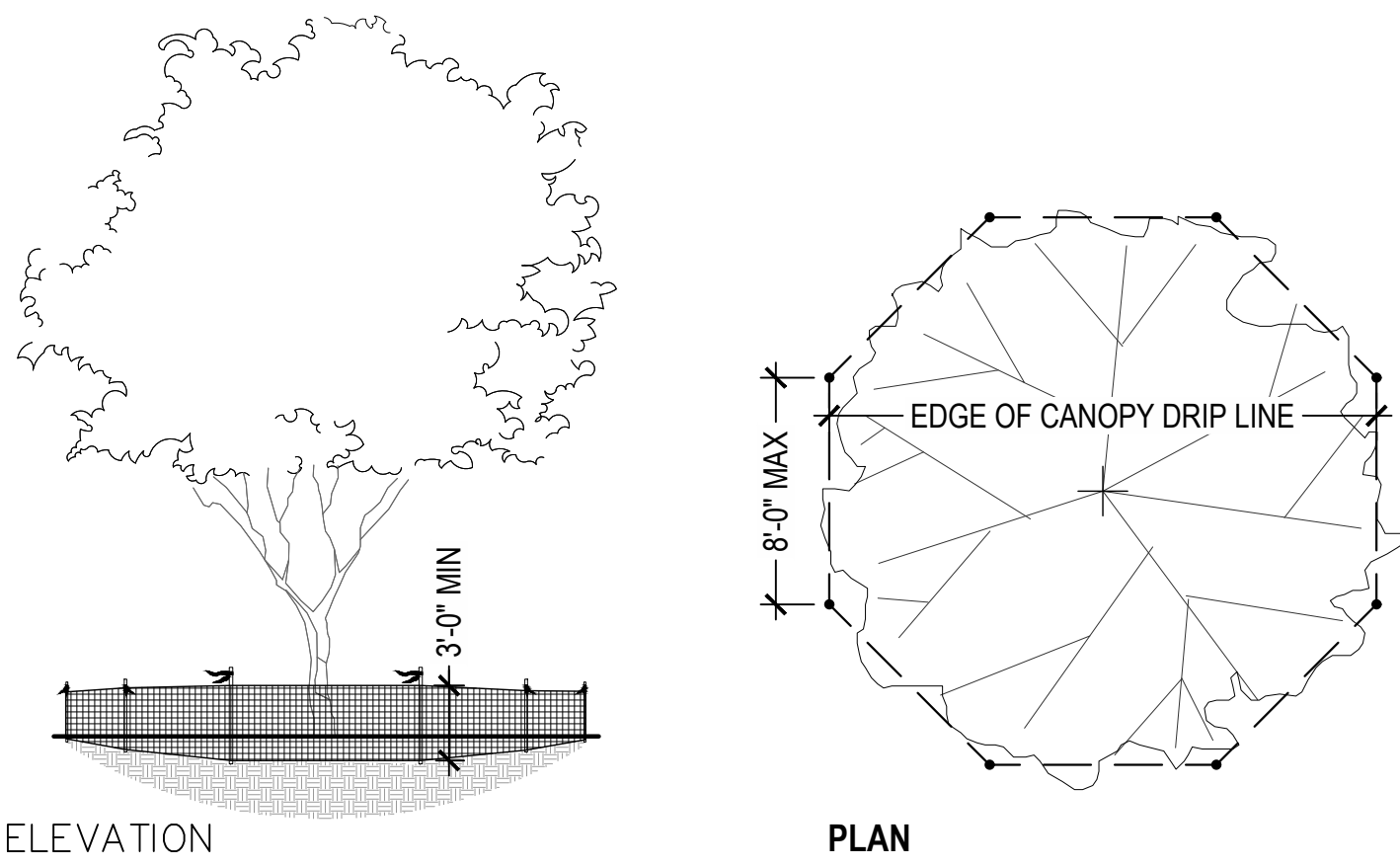
LANDSCAPE
PLAN

2480381.01 PROJECT NO.
KAT DRAWN BY
JBB CHECKED BY

L102

SHEET TITLE

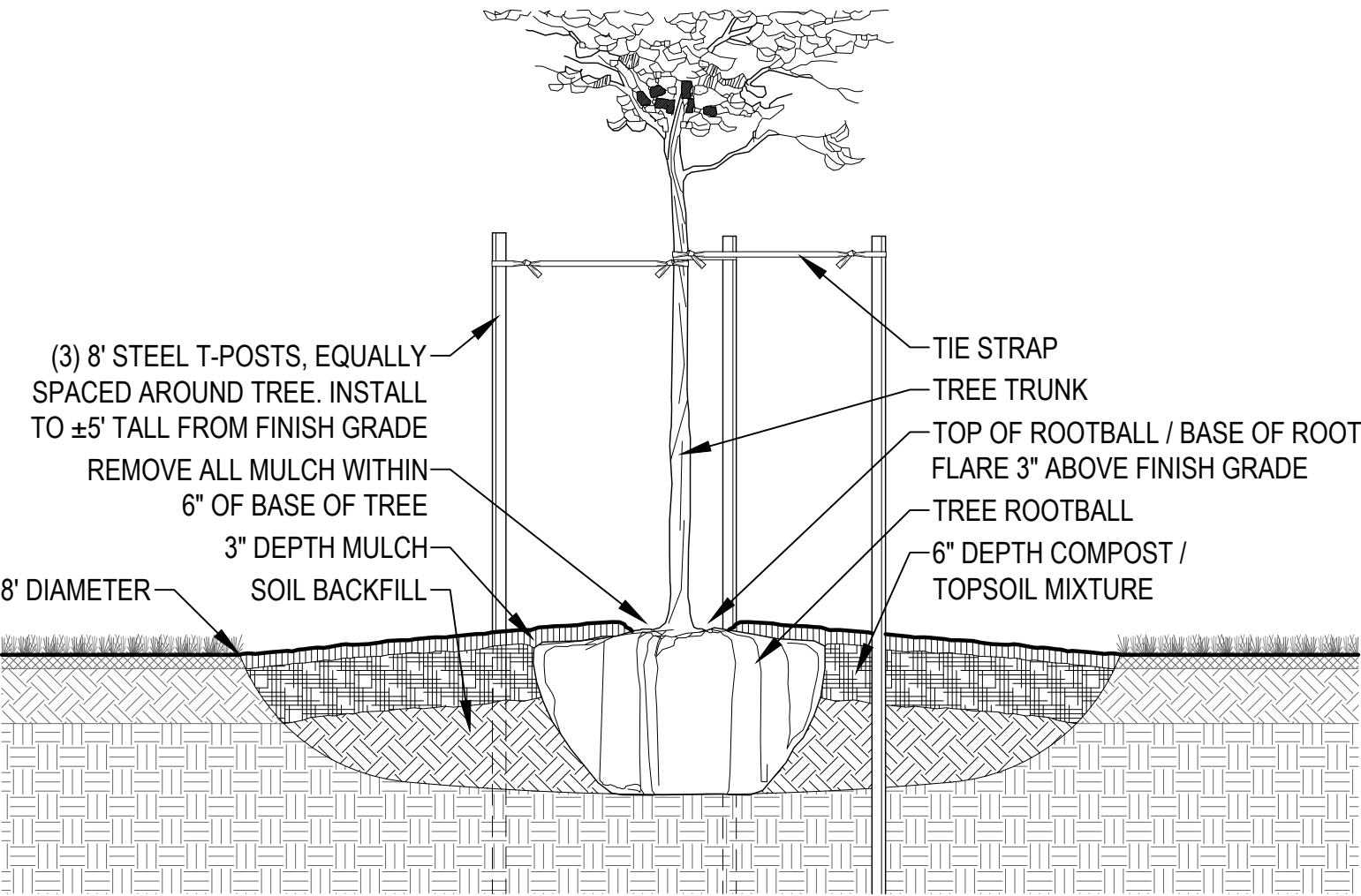
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- NOTES
1. REFER TO LANDSCAPE PLANS FOR LOCATIONS AND EDGE CONDITIONS.
 2. TREE PROTECTION FENCING TO REMAIN IN PLACE DURING ALL CONSTRUCTION OPERATIONS AND BUT MODIFIED IN THE FIELD AS LITTLE AS POSSIBLE FOR WORK WITHIN AREA.
 3. CONTRACTOR TO NOTIFY OWNER WHEN FENCE IS DOWN OR WORK IS TO BE DONE WITHIN AREA.
 4. TREE PROTECTION FENCING TO BE HIGH VISIBILITY MATERIAL SUCH AS ORANGE SAFETY FENCING OR RIGID MATERIAL SUCH AS CHAINLINK OR WIRE MESH FENCING.
 5. SAFETY FLAGGING TO BE INSTALLED AT THE TOP OF EACH FENCE POST.
 6. FENCE TO BE 3'-0" MINIMUM HEIGHT WITH POSTS SPACED NO MORE THAN 8'-0" O.C.

1 TYPICAL TREE PROTECTION FENCING

NTS



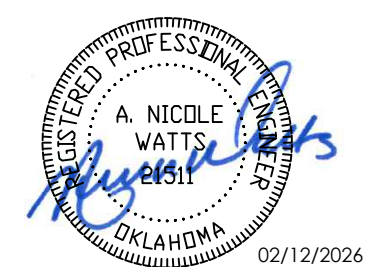
- NOTES
1. REFER TO LANDSCAPE PLANS FOR LOCATIONS AND EDGE CONDITIONS.
 2. CONTRACTOR TO REMOVE ALL ROPE, BURLAP, AND TOP HOLDING RINGS FROM TOP OF ROOTBALL.
 3. EXCAVATED SOIL MAY BE USED FOR BACKFILL IF IT IS FRIABLE AND FREE OF ROCKS AND CLOUDS OVER 2" DIAMETER. PROVIDE ADDITIONAL TOPSOIL IF NEEDED FOR TOPSOIL/COMPOST MIX AT SURFACE.
 4. COMPOST TO BE EQUAL TO BACK TO EARTH COMPOSTED COTTON BURS AND BE INCORPORATED INTO UPPER 6" OF BACKFILL BY APPROVED MEANS AT THE RATE OF 8 CUBIC FEET (4-2CF BAGS) FOR EACH TREE.
 5. TIE STRAP TO BE EQUAL TO (ARBORTIE) AS SUPPLIED BY DEEPROOT www.deeproot.com CONTRACTOR TO USE (ARBORKNOT) TIE METHOD TO PRODE EXPANDING, GIRDLE FREE ATTACHMENT TO TREE.

2 TYPICAL TREE PLANTING

NTS



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exp. date 06/30/27

OWASSO 8th GRADE ADDITION

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

240818101
KJW
JIB

PROJECT NO
DRAWN BY
CHECKED BY

DETAIL SHEET 2

L103

SHEET TITLE

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AS-BUILT NOTE:

THE CONTRACTOR SHALL KEEP ON SITE A CURRENT SET OF THE APPROVED CONSTRUCTION WORKING DRAWINGS AT ALL TIMES. THE CONTRACTOR SHALL MARK (IN RED INK) ALL APPROVED CHANGES INCURRED FOLLOWING PUBLIC WORKS DEPARTMENT APPROVAL OF THE INITIAL DRAWINGS. THESE CHANGES MAY BE INITIATED FROM FIELD CONDITIONS OR CHANGES MADE BY THE DESIGN ENGINEER OR THE PUBLIC WORKS ENGINEER. EXCEPT FOR MINOR FIELD ADJUSTMENTS, ALL CHANGES SHALL BE REVIEWED AND AGREED TO BY THE DESIGN ENGINEER AND THE PUBLIC WORKS ENGINEER PRIOR TO FINAL APPROVAL OF THE PROJECT. THE CONTRACTOR SHALL SUBMIT THE WORKING DRAWINGS TO THE ENGINEER OF RECORD (DESIGN ENGINEER) AFTER FINAL INSPECTION OF PROJECT TO SERVE AS A BASIS FOR DEVELOPEMNT OF FINAL AS-BUILT RECORD DRAWINGS.

ENGINEERING STATEMENT:

I HEREBY CERTIFY THAT I AM FAMILIAR WITH THE ADOPTED ORDINANCES AND REGULATIONS OF THE CITY OF OWASSO GOVERNING WATER FACILITIES, SEWER FACILITIES, STREETS, AND DRAINAGE FACILITIES; THAT THESE PLANS HAVE BEEN PREPARED UNDER MY DIRECT SUPERVISION; THE ABOVE AND THE FOREGOING PLANS COMPLY WITH ALL THE GOVERNING ORDINANCES AND THE ADOPTED STANDARDS OF THE CITY OF OWASSO TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF.

CONTACT LIST

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OKLAHOMA NATURAL GAS
KYMBERLY CRUDE
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kymberly.cude@ongas.com
PHONE: (918) 831-8386

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TULSA, OK 74136
PHONE: (918) 596-6588

COX COMMUNICATIONS
ROBERT DREW
11811 EAST 51ST STREET
TULSA, OK 74145
PHONE: (918) 286-4657

WATERLINE PLANS

Owasso 8th Grade Addition

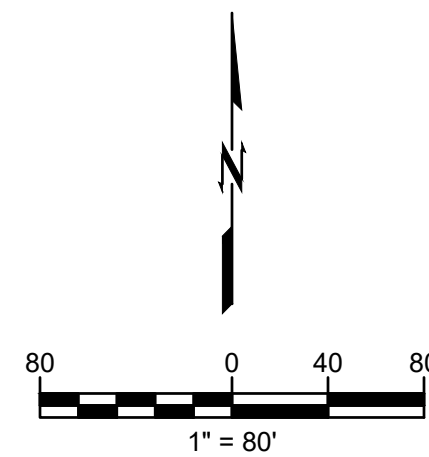
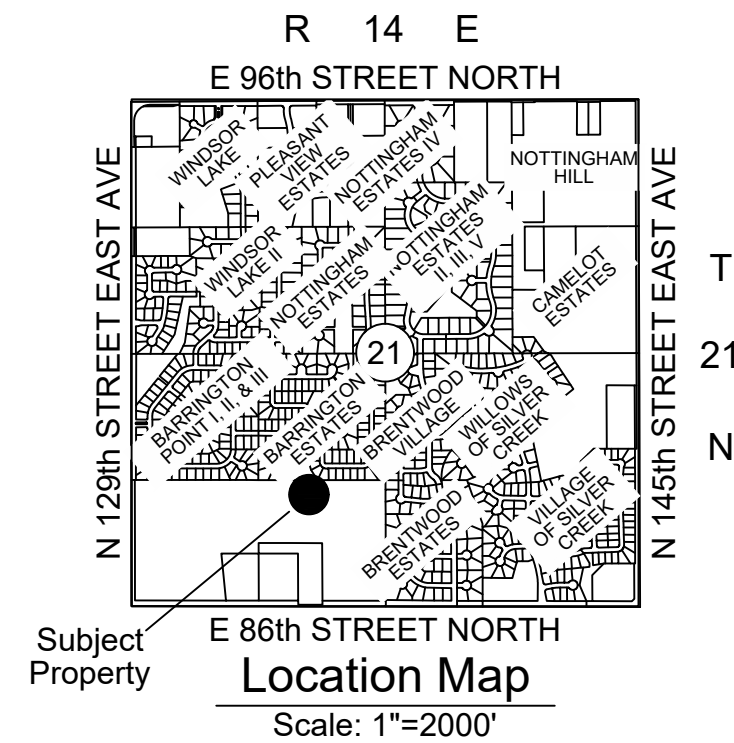
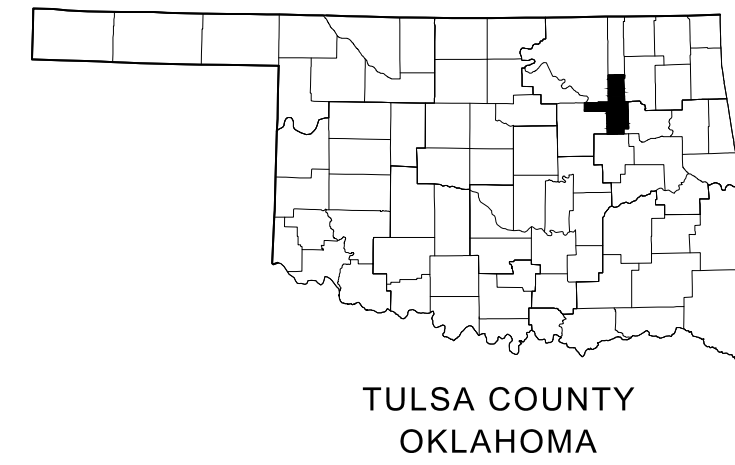
Owasso, Oklahoma

A TRACT OF LAND A PART OF OWASSO PUBLIC SCHOOLS, AN ADDITION TO THE CITY OF OWASSO, TULSA COUNTY, OKLAHOMA

DEVELOPER:
Owasso Public Schools
Dist No I-11
1510 N Ash
Owasso, OK 74055
Phone: (918) 272-5367
Contact: Mark Knowlton

ENGINEER:
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SHEET INDEX

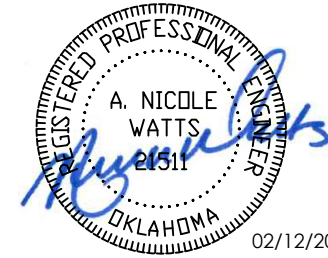
INDEX	SHEET NO.	SHEET TITLE
W100 -	1	COVER SHEET
W101 -	2	TOPOGRAPHIC SURVEY 1
W102 -	3	TOPOGRAPHIC SURVEY 2
W103 -	4	TOPOGRAPHIC SURVEY 3
W104 -	5	OVERALL WATERLINE PLAN
W105 -	6	WATERLINE A PROFILE 1
W106 -	7	WATERLINE A PROFILE 2

THE FOLLOWING STANDARD DRAWINGS FROM THE CITY OF OWASSO ENGINEERING SERVICES AND ODOT WILL BE REQUIRED:

WA-01	WATER PIPE INSTALLATION
WA-02	INSTALLATION OF 3WAY FIRE HYDRANT
WA-04	LONG WATER SERVICE (SINGLE)
WA-07	0.75 TO 2-INCH METER SETTING
WA-14	VALVE BOX
WA-15	3-INCH AND LARGER METER
WA-17	MECHANICAL RESTRAINT FOR JOINTS

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OWASSO 8th GRADE ADDITION

WATERLINE PLANS

OWASSO PUBLIC
SCHOOLS

OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL
CITY RESUBMITTAL

11.25.2025
02.12.2026

REVISIONS

11.25.2025

ISSUE DATE

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ANN

PROJECT NO.
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COVER SHEET

W100

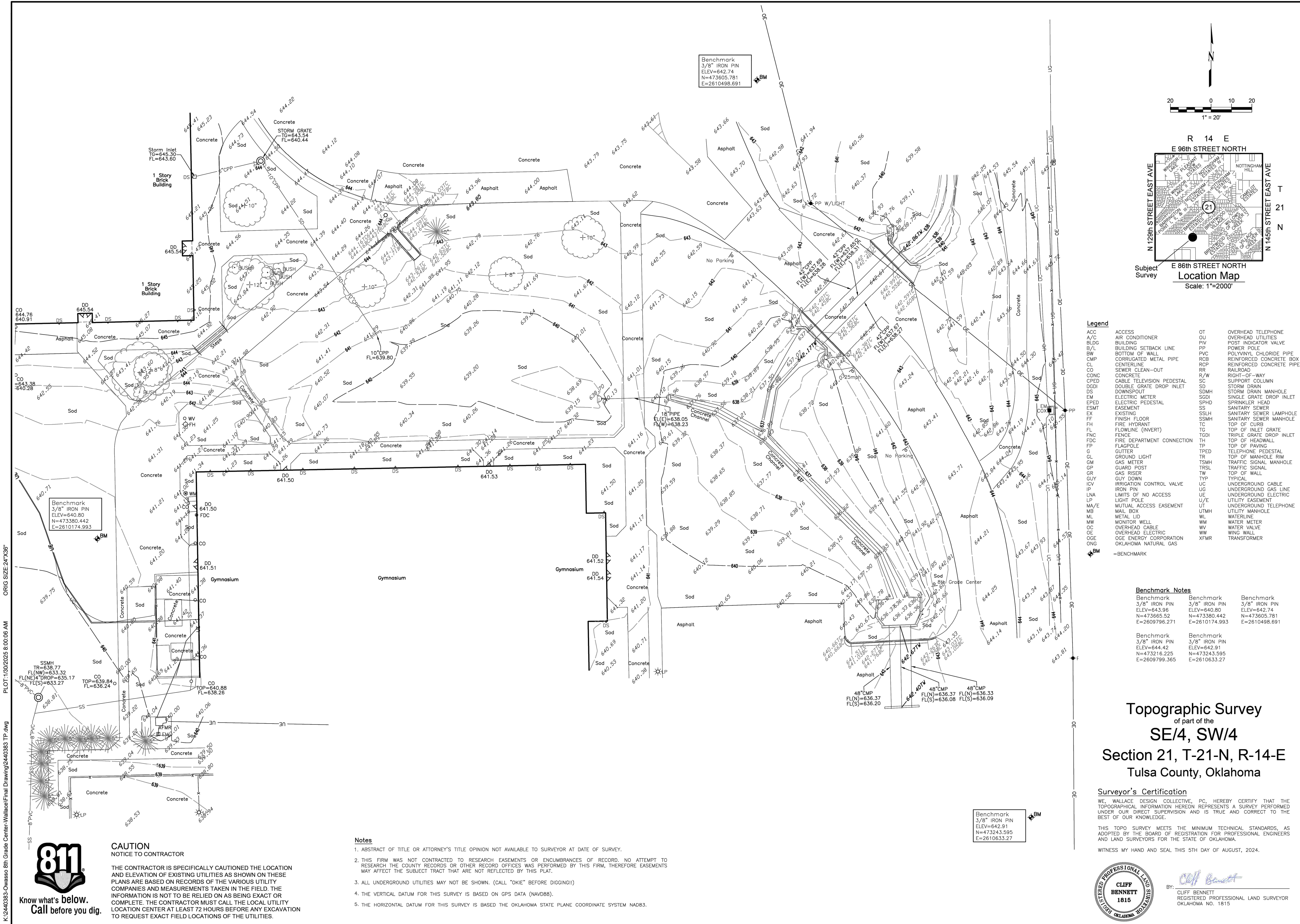
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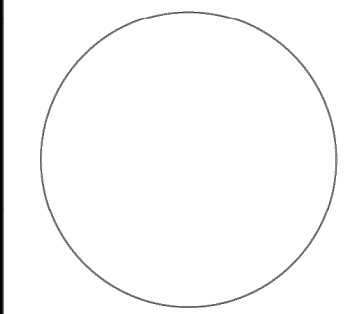


CAUTION
NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES.



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OWASSO 8th GRADE ADDITION

WATERLINE PLANS

OWASSO PUBLIC
SCHOOLS

OWASSO, OK
2025

PROJECT

Owasso 8th Grade Center

12901 E. 86th St. N., Owasso, Oklahoma

REV	DESCRIPTION	DATE	DATE
1	LAST SITE VISIT BY GCI	07/31/24	08/05/24
2	FIELD VISIT	01/27/25	PROJECT NO. 2440383
3	REV3/DESC	REVDATE	SHEET NAME
4	REV4/DESC	REVDATE	TOPOGRAPHIC SURVEY
5	REV5/DESC	REVDATE	SHEET NO. 1 OF 3

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

11.25.2025

TOPOGRAPHIC
SURVEY 1

2440383.01 E81
ANN
PROJECT NO. 2440383
DRAWN BY
CHECKED BY

W101

SHEET TITLE

SURVEY NOTE:
THIS SHEET IS FOR THE CONVENIENCE OF THE CONTRACTOR. IT IS INTENDED FOR GENERAL SURVEY INFORMATION ONLY. ORIGINAL SURVEY DRAWINGS AVAILABLE UPON REQUEST.
NOTE: SURVEY SCALED TO FIT PAGE.

K:\2440383-Owasso 8th Grade Center-Wallace\Final Drawing\2440383 TP.dwg PLOT:1/30/2025 8:01:28 AM ORIG SIZE 24"x36"



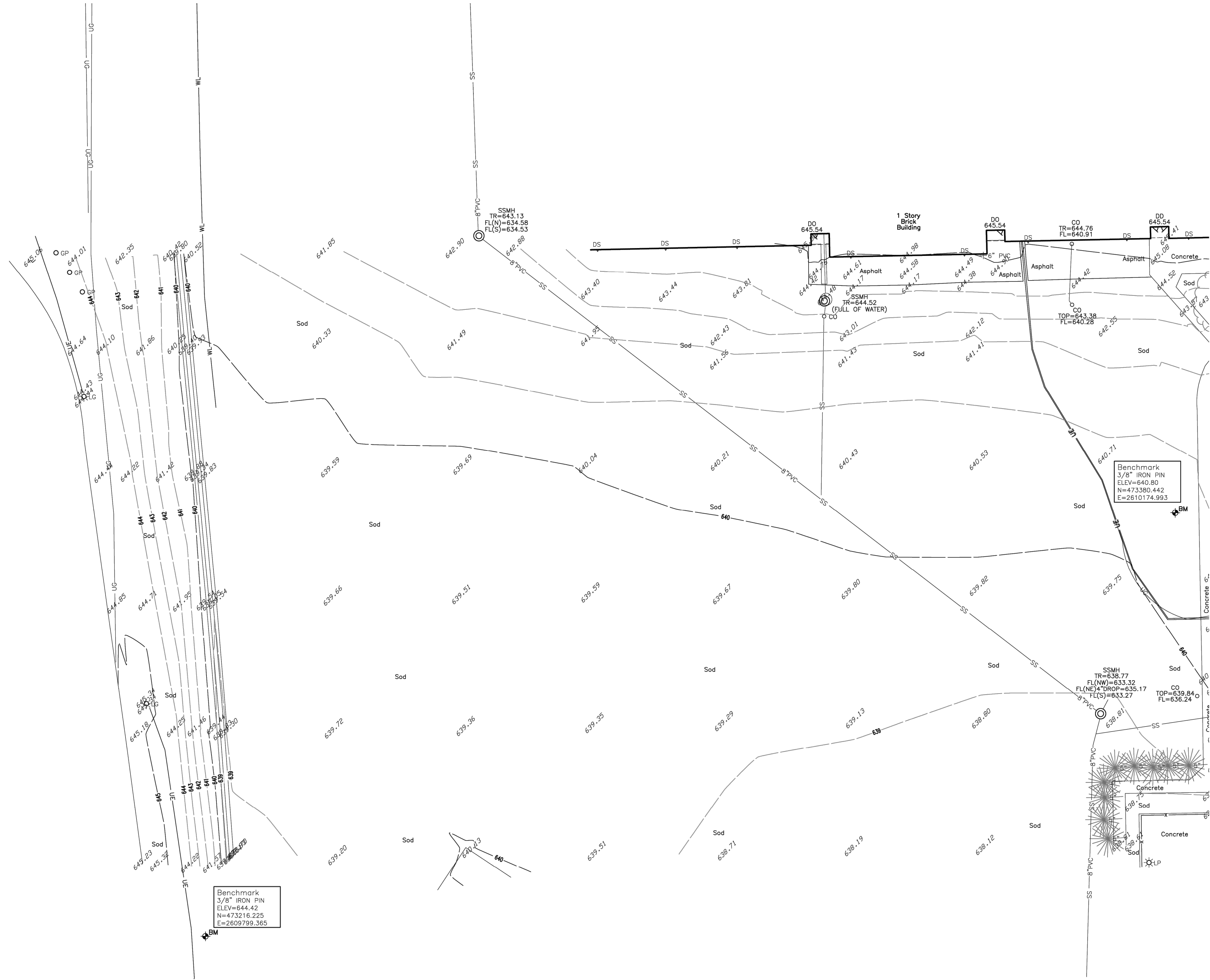
Know what's below.
Call before you dig.

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Notes

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3. ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. (CALL "OKIE" BEFORE DIGGING!)
4. THE VERTICAL DATUM FOR THIS SURVEY IS BASED ON GPS DATA (NAVD83).
5. THE HORIZONTAL DATUM FOR THIS SURVEY IS BASED THE OKLAHOMA STATE PLANE COORDINATE SYSTEM NAD83.



Legend

ACC	ACCESS	OT	OVERHEAD TELEPHONE
A/C	AIR CONDITIONER	O/U	OVERHEAD UTILITIES
BLDG	BUILDING	PV	POST INDICATOR VALVE
B/L	BUILDING SETBACK LINE	PP	POWER POLE
BW	BOTTOM OF WALL	PVC	POLYVINYL CHLORIDE PIPE
CMP	CORRUGATED METAL PIPE	RCB	REINFORCED CONCRETE BOX
CL	CENTERLINE	RCP	REINFORCED CONCRETE PIPE
CO	SEWER CLEAN-OUT	R/W	RIGHT-OF-WAY
CONEC	CONCRETE	SC	SUPPORT COLUMN
CPED	CABLE TELEVISION PEDESTAL	SD	STORM DRAIN
DDGI	DOUBLE GRATE DROP INLET	SDM	STORM DRAIN MANHOLE
DS	DOWNSPOUT	SDGI	SINGLE GRATE DROP INLET
EM	ELECTRIC METER	SPHD	SPRINKLER HEAD
EPED	ELECTRIC PEDESTAL	SS	SANITARY SEWER
ESMT	EASEMENT	SSH	SANITARY SEWER LAMPHOLE
EX	EXISTING	SSMH	SANITARY SEWER MANHOLE
FF	FINISH FLOOR	TC	TOP OF CURB
FL	FIRE HYDRANT	TG	TOP OF INLET GRATE
FL	FLOWLINE (INVERT)	TGDI	TRIPLE GRATE DROP INLET
FNC	FENCE	TH	TOP OF HEADWALL
FND	FOUND	TP	TOP OF PAVING
FP	FLAGPOLE	TPED	TELEPHONE PEDESTAL
G	GUTTER	TR	TOP OF MANHOLE RIM
GL	GROUND LIGHT	TSMH	TRAFFIC SIGNAL MANHOLE
GM	GAS METER	TRSL	TRAFFIC SIGNAL
GP	GUARD POST	TW	TOP OF WALL
GR	GAS RISER	TYP	TYPICAL
GUY	GUY DOWN	UC	UNDERGROUND CABLE
ICV	IRRIGATION CONTROL VALVE	UG	UNDERGROUND GAS LINE
IP	IRON PIN	UE	UNDERGROUND ELECTRIC
LNA	LIMITS OF NO ACCESS	U/E	UTILITY EASEMENT
LP	LIGHT POLE	UT	UNDERGROUND TELEPHONE
MA/E	MUTUAL ACCESS EASEMENT	UTMH	UTILITY MANHOLE
MB	MAIL BOX	WL	WATERLINE
ML	METAL LID	WM	WATER METER
MW	MONITOR WELL	WV	WATER VALVE
OE	OVERHEAD CABLE	WW	WING WALL
OGE	OVERHEAD ELECTRIC	XFMR	TRANSFORMER
ONG	OKLAHOMA NATURAL GAS		

Benchmark Notes

Benchmark 3/8" IRON PIN ELEV=643.96 N=473365.52 E=2609796.271	Benchmark 3/8" IRON PIN ELEV=640.80 N=473365.442 E=2610174.993	Benchmark 3/8" IRON PIN ELEV=642.74 N=473605.781 E=2610498.691
---	--	--

Benchmark 3/8" IRON PIN ELEV=644.42 N=473216.225 E=2609799.365	Benchmark 3/8" IRON PIN ELEV=642.91 N=473243.595 E=2610633.27
--	---

Topographic Survey of part of the SE/4, SW/4 Section 21, T-21-N, R-14-E Tulsa County, Oklahoma

Surveyor's Certification

WE, WALLACE DESIGN COLLECTIVE, PC, HEREBY CERTIFY THAT THE TOPOGRAPHICAL INFORMATION HEREON REPRESENTS A SURVEY PERFORMED UNDER OUR DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

THIS TOPO SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS, AS ADOPTED BY THE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS FOR THE STATE OF OKLAHOMA.

WITNESS MY HAND AND SEAL THIS 5TH DAY OF AUGUST, 2024.



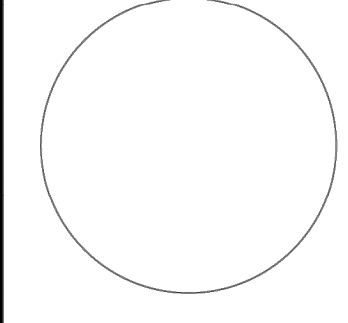
BY:

Cliff Bennett

CLIFF BENNETT
REGISTERED PROFESSIONAL LAND SURVEYOR
OKLAHOMA NO. 1815



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123 north martin luther king jr. blvd.
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918.584.5858
oklahoma ca#1460
exp: 6-30-25



Owasso 8th Grade Center

12901 E. 86th St. N., Owasso, Oklahoma

REV	DESCRIPTION	DATE
1	LAST SITE VISIT BY GCI	07/31/24
2	FIELD VISIT	01/27/25
3	REV3/DESC	REV3/DATE
4	REV4/DESC	REV4/DATE
5	REV5/DESC	REV5/DATE

DATE	08/05/24
PROJECT NO.	2440383
SHEET NAME	TOPOGRAPHIC SURVEY
SHEET NO.	2
OF 3	

SURVEY NOTE:
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NOTE: SURVEY SCALED TO FIT PAGE.

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OWASSO 8th GRADE ADDITION WATERLINE PLANS

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

11.25.2025

TOPOGRAPHIC
SURVEY 2

W102

K:\2440383-Owasso 8th Grade Center-Wallace\Final Drawing\2440383 TP.dwg PLOT:1/30/2025 8:02:42 AM ORIG SIZE:24"x36"



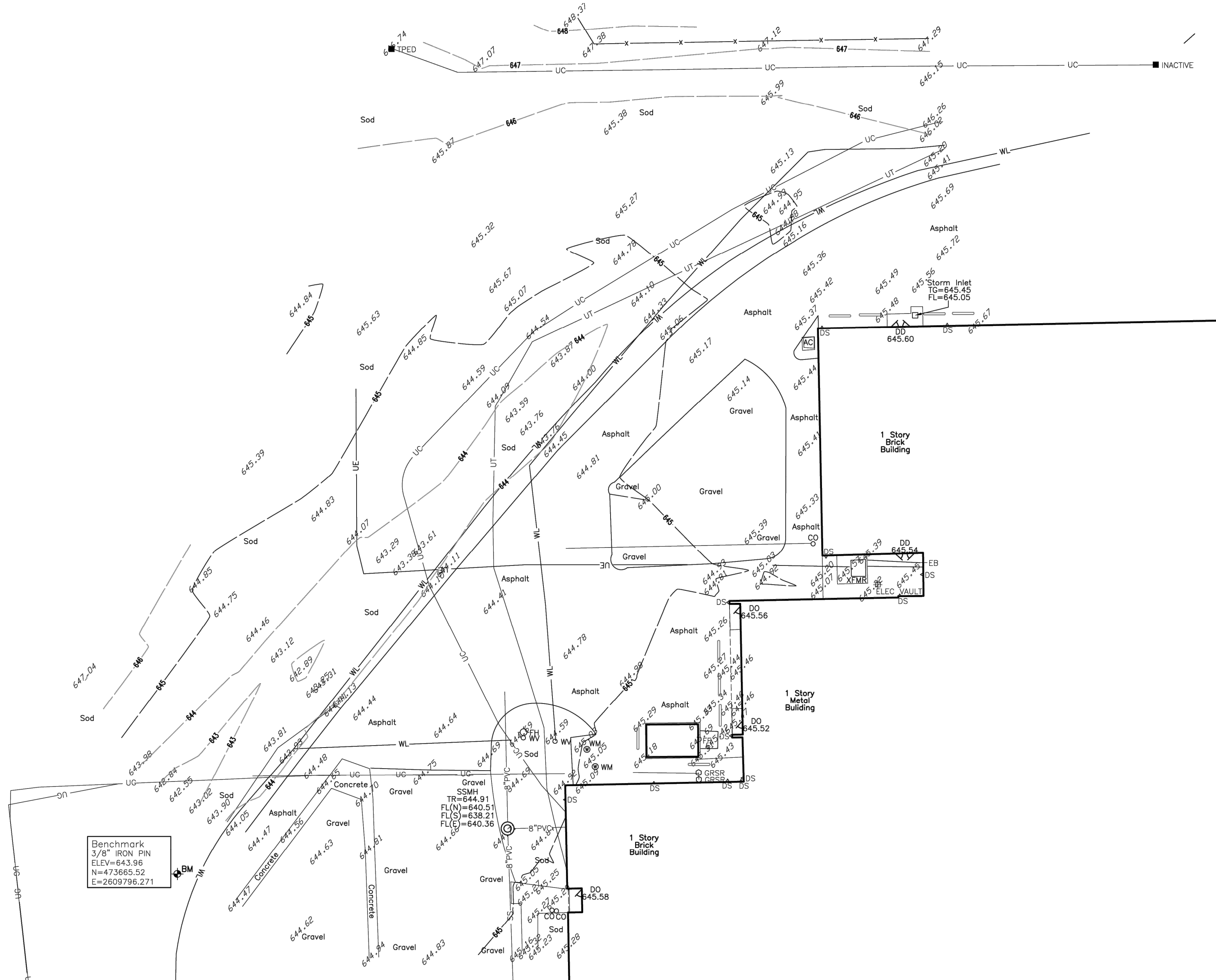
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5. THE HORIZONTAL DATUM FOR THIS SURVEY IS BASED THE OKLAHOMA STATE PLANE COORDINATE SYSTEM NAD83.



Topographic Survey of part of the SE/4, SW/4 Section 21, T-21-N, R-14-E Tulsa County, Oklahoma

Surveyor's Certification

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WITNESS MY HAND AND SEAL THIS 5TH DAY OF AUGUST, 2024.



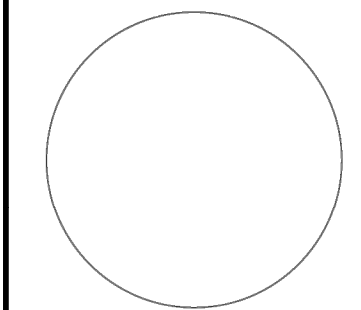
BY:

CLIFF BENNETT
REGISTERED PROFESSIONAL LAND SURVEYOR
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Owasso 8th Grade Center

12901 E. 86th St. N., Owasso, Oklahoma

REV	DESCRIPTION	DATE
1	LAST SITE VISIT BY GCI	07/31/24
2	FIELD VISIT	1/27/25
3	REV3DESC	REV3DATE
4	REV4DESC	REV4DATE
5	REV5DESC	REV5DATE

TOPOGRAPHIC SURVEY

3 OF 3

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OWASSO 8th GRADE ADDITION

WATERLINE PLANS

OWASSO PUBLIC
SCHOOLS

OWASSO, OK
2025

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

11.25.2025

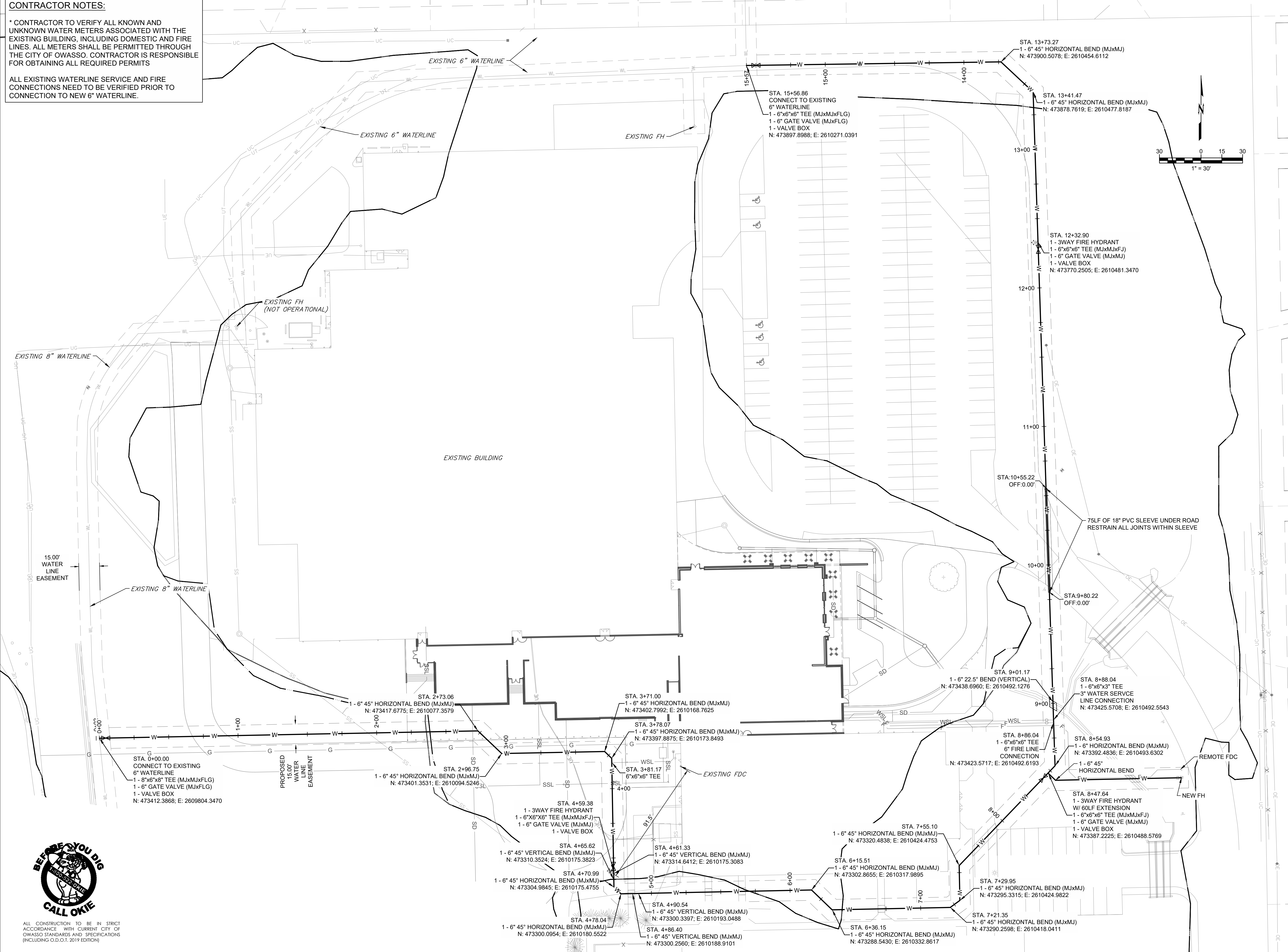
TOPOGRAPHIC
SURVEY 3

W103

CONTRACTOR NOTES:

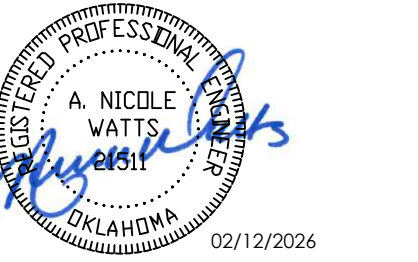
* CONTRACTOR TO VERIFY ALL KNOWN AND UNKNOWN WATER METERS ASSOCIATED WITH THE EXISTING BUILDING, INCLUDING DOMESTIC AND FIRE LINES. ALL METERS SHALL BE PERMITTED THROUGH THE CITY OF OWASSO. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS

ALL EXISTING WATERLINE SERVICE AND FIRE CONNECTIONS NEED TO BE VERIFIED PRIOR TO CONNECTION TO NEW 6" WATERLINE.



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oklahoma ca #1460
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OWASSO 8th GRADE ADDITION

WATERLINE PLANS

OWASSO PUBLIC
SCHOOLS
OWASSO, OK
2025

PROJECT

KEY PLAN

REVISIONS

ISSUE DATE

PROJECT NO.

DRAWN BY

CHECKED BY

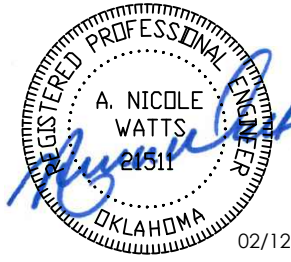
SHEET TITLE

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W104



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OWASSO 8th GRADE ADDITION

WATERLINE PLANS

OWASSO PUBLIC
SCHOOLS

OWASSO, OK
2025

PROJECT

KEY PLAN

CITY SUBMITTAL 11.25.2025
CITY RESUBMITTAL 02.12.2026

REVISIONS

11.25.2025

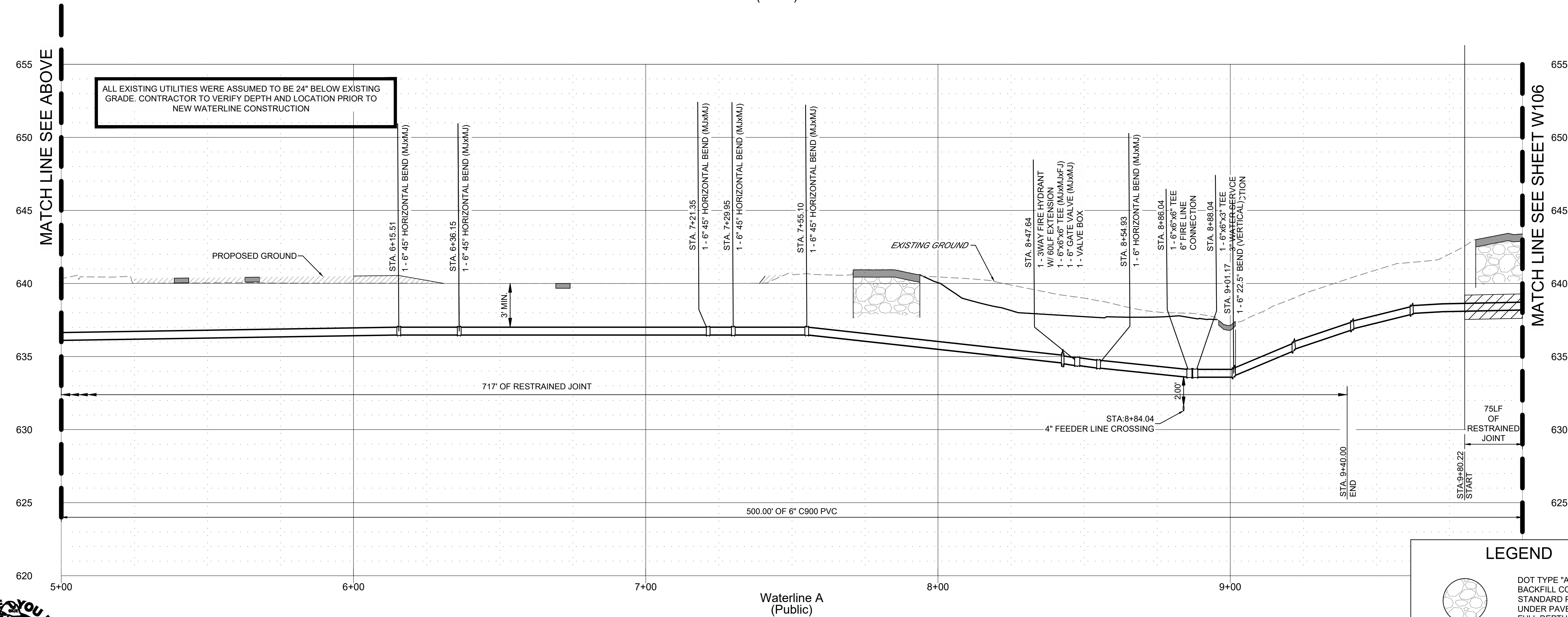
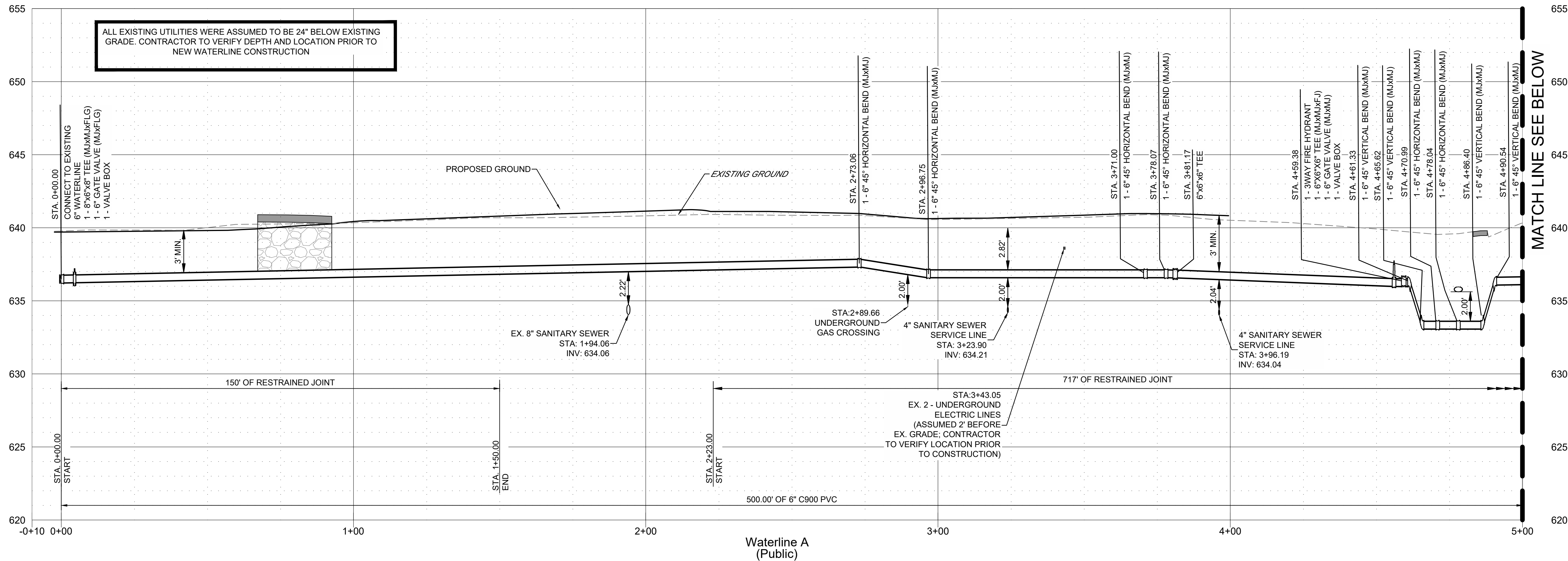
ISSUE DATE

WATERLINE A
PROFILE 1

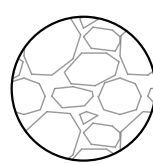
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SHEET TITLE

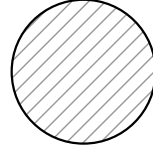
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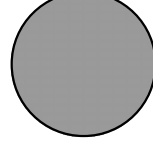
LEGEND



DOT TYPE "A" AGGREGATE
BACKFILL COMPACTED TO 95%
STANDARD PROCTOR DENSITY
UNDER PAVED DRIVING SURFACE
FULL DEPTH OF TRENCH (TYP)



COMPACT ALL FILL TO 95%
STANDARD PROCTOR DENSITY
PRIOR TO PLACING UTILITIES

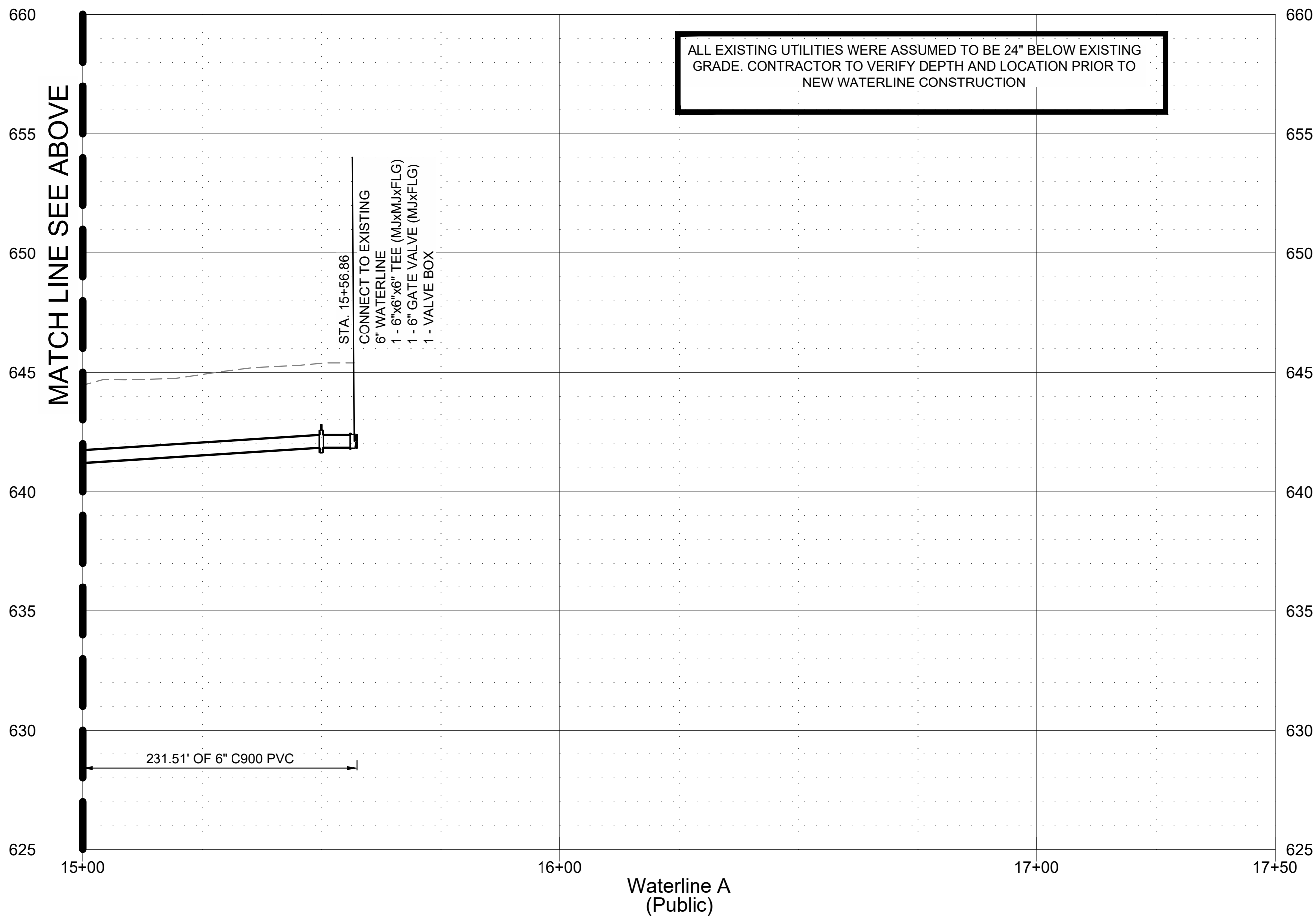
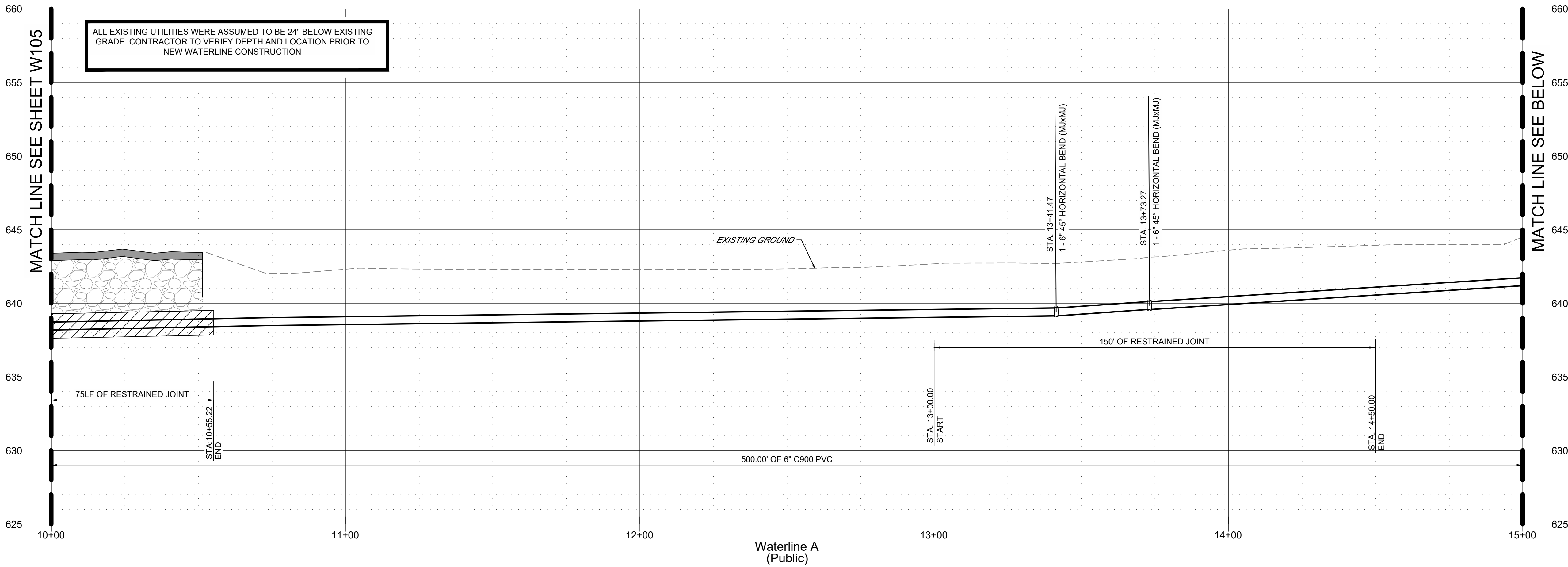


PAVEMENT REFER TO PAVING
PLANS FOR TYPE

PROFILE SCALES:
HORZ: 1" = 20'
VERT: 1" = 4'



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LEGEND

DOT TYPE "A" AGGREGATE BACKFILL COMPACTED TO 95% STANDARD PROCTOR DENSITY UNDER PAVED DRIVING SURFACE FULL DEPTH OF TRENCH (TYP)

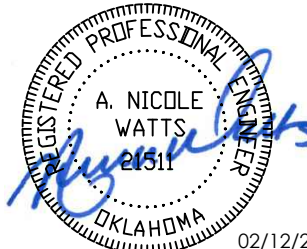
COMPACT ALL FILL TO 95% STANDARD PROCTOR DENSITY PRIOR TO PLACING UTILITIES

PAVEMENT REFER TO PAVING PLANS FOR TYPE

PROFILE SCALES:
HORZ: 1" = 20'
VERT: 1" = 4'

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expires 6/30/2027

**OWASSO
8th GRADE
ADDITION**

WATERLINE PLANS

OWASSO PUBLIC
SCHOOLS

OWASSO, OK
2025

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11.25.2025

WATERLINE A
PROFILE 2

W106



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