

1215 LONNIE ABBOTT BLVD
PONTOTOC COUNTY: SE¼ OF THE NW¼ OF
SECTION 27, TOWNSHIP 4 NORTH, RANGE 6
EAST, INDIAN PRINCIPAL MERIDIAN
ADA, OK



OWNER/APPLICANT:
BRAKES PLUS LLC
1880 SOUTH DRIVE,
BIRMINGHAM, AL 35244

CIVIL ENGINEER:
OLSSON, INC.
11600 BROADWAY EXTENSION
SUITE 300
OKLAHOMA CITY, OK 73114
CONTACT: SCOTT DARR
PH: (405)242.6600

OLSSON, INC.
11600 BROADWAY EXTENSION
SUITE 300
OKLAHOMA CITY, OK 73114
CONTACT: CHASE GARTEN
PH: (405) 242.6600

ARCODEV ARCHITECTS PC
45 SPYGLASS DRIVE
LITTLETON, CO 80123
CONTACT: NORM HERMAN
PH: (303)881.8925

WATER:
CITY OF ADA UTILITIES
DEPARTMENT
231 S. TOWNSEND STREET
ADA, OK 74820
PH: (580)436.6300

CITY OF ADA UTILITIES
DEPARTMENT
231 S. TOWNSEND STREET
ADA, OK 74820
PH: (580)436.6300

CITY OF ADA UTILITIES
DEPARTMENT
231 S. TOWNSEND STREET
ADA, OK 74820
PH: (580)436.6300

SUMMIT UTILITIES
STEVE TAYLOR
PH: (866)275.5265

PEOPLE'S ELECTRIC
COOPERTIVE
PH: (580)332.3031

COX
PH: 1-(800)234.3993

AT&T
PH: (580)436.8255



THE LOCATION OF UNDERGROUND UTILITIES DEPICTED ON THESE DRAWINGS ARE BASED ON VISUAL SURFACE EVIDENCE AND/OR AS-BUILT DRAWINGS PROVIDED BY OTHERS AND, THEREFORE, MAY NOT REPRESENT ALL UTILITIES PRESENT OR THEIR ACTUAL LOCATIONS. IT IS THE CONTRACTORS RESPONSIBILITY FOR COORDINATING WITH INDIVIDUAL UTILITY OWNERS TO ASCERTAIN THE EXACT LOCATION OF EXISTING UTILITIES AT SPECIFIC POINTS OF CONNECTION AND FOR NOTIFYING AHJ PRIOR TO ANY EXCAVATION ON SITE.



SCALE: 1"=1000'

SECTION 27, TOWNSHIP 4 NORTH,
RANGE 6 EAST, INDIAN PRINCIPAL MERIDIAN

Sheet List Table	
Sheet Number	Sheet Title
C0.0	COVER SHEET
C0.1	GENERAL NOTES
C0.2	EXISTING CONDITIONS & DEMOLITION PLAN
C0.3	EXISTING DRAINAGE AREA
C0.4	PROPOSED DRAINAGE AREA
C1.0	SITE PLAN
C2.0	GRADING PLAN
C2.1	EROSION CONTROL PLAN
C2.2	EROSION CONTROL PLAN
C3.0	UTILITY PLAN
C3.1	PUBLIC WATER MAIN EXTENSION P+P
C4.0	CONSTRUCTION DETAILS
C4.1	CONSTRUCTION DETAILS CONT.
C4.2	CONSTRUCTION DETAILS CONT.
L1.0	LANDSCAPE PLAN

A tract of land located in the SE/4 of the NW/4 of Section 27, Township 4 North, Range 6 East, Pontotoc County, Oklahoma, more particularly described as follows:

Commencing at the Southeast corner of the NW/4 of said Section 27; thence N00°01'20"E along the East line of said NW/4 a distance of 120.00 feet to the point of beginning;

thence N89°49'26" W a distance of 222.79 feet; thence N00°01'20"E a distance of 98.10 feet; thence N89°49'26" W a distance of 25.00 feet; thence N00°01'20"E a distance of 197.37 feet; thence N68°40'48" W a distance of 46.55 feet; thence N00°01'20"E a distance of 91.84 feet to a point on the South right-of-way line of Lonnie Abbott Industrial Boulevard; thence along said right-of-way line in a Northeasterly direction along a curve to the right having a radius of 5649.58 feet, a chord bearing of N85°00'49"E, an arc distance of 292.31 feet to a point on the East line of said NW/4; thence S00°01'20" W a distance of 430.41 feet to the point of beginning.

C-2 PUD - PLANNED UNIT DEVELOPMENT PER CITY OF ADA ZONING MAP ACCESSED BY OLSSON
ON APRIL 12, 2024

NGS GEOID MODEL - GEOID18 (CONUS) REFERENCED TO THE
NORTH AMERICAN VERTICAL DATUM OF 1988 - US SURVEY FEET

5/8" REBAR W/RED CAP
ELEVATION: 989.34'
N: 532803.0440
E: 2370202.9770

5/8" REBAR W/RED CAP
ELEVATION: 976.70'
N: 53258..4520
E: 2370487.8160

THE SITE IS LOCATED IN ZONE X - AREA
OF MINIMAL FLOODING
MAP NUMBER: 4012C0195D
EFFECTIVE DATE: JULY 17, 2012

F:\2024\02001-02500\024-02476\40-Design\AutoCAD\Final Plans\Sheets\SDN\C_TTL01_02402476.dwg
DATE: Nov 01, 2024 3:51pm USER: jgegoux

GENERAL NOTES:

1. ALL IMPROVEMENTS SHALL BE IN STRICT ACCORDANCE THE CITY OF ADA, OKLAHOMA STANDARDS AND SPECIFICATIONS, AND THE REQUIREMENTS OF ANY OTHER ENTITIES HAVING JURISDICTION OVER THESE IMPROVEMENTS. IN THE CASE OF A DISCREPANCY BETWEEN THE ABOVE REQUIREMENTS, THE MOST STRINGENT REQUIREMENTS SHALL BE FOLLOWED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE ALL PERMITS AND PROVIDE ALL BONDS REQUIRED FOR THIS WORK INCLUDING, BUT NOT LIMITED TO, UTILITY CONNECTIONS, BUILDING AND SITE CONSTRUCTION. THE CONTRACTOR SHALL PAY ALL PERMIT FEES, DUMP FEES AND OTHER ASSOCIATED FEES REQUIRED TO SUCCESSFULLY COMPLETE THE PROJECT AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL NOT START THE WORK UNTIL ALL PERMITS HAVE BEEN OBTAINED FROM THE JURISDICTIONAL AUTHORITIES. THE ENGINEER AND THE JURISDICTIONAL AUTHORITIES SHALL BE NOTIFIED BY THE CONTRACTOR 48 HOURS BEFORE START OF CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY THE CITY OF ADA, UTILITY SERVICE COMPANIES AND/OR ANY OTHER AUTHORITIES HAVING JURISDICTION SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND FINAL CONNECTION OF SERVICES.
5. ALL WASTE OR SPOIL SHALL BE TAKEN TO A CITY APPROVED SITE OR SPREAD IN AREAS OUTSIDE OF THE STREET RIGHTS-OF-WAY AS DIRECTED BY THE OWNER AND ENGINEER.
6. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGE TO EXISTING PROPERTY, UTILITIES AND STRUCTURES OUTSIDE THE SCOPE OF WORK AND REPAIR SAME AT HIS OWN EXPENSE.
7. CONTRACTOR AND ALL RELATED CONSTRUCTION ACTIVITIES AREA REQUIRED TO MAINTAIN NORMAL NOISE LEVELS AND ALL EQUIPMENTS AND VEHICLES ARE REQUIRED TO BE PROPERLY MUFFLED.
8. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURFACE AND UNDERGROUND FACILITIES DURING ALL PHASES OF WORK. LOCATION OF ALL UNDERGROUND FACILITIES ARE APPROXIMATE AND FOR THE CONTRACTOR'S GUIDANCE ONLY.
9. UNDERGROUND FACILITIES, WHETHER INDICATED OR NOT, SHALL BE LOCATED AND FLAGGED BY THE UTILITIES AT THE REQUEST OF THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OR THE NOTIFICATION CENTER OF OKLAHOMA ONE CALL "CALL OKIE" TO MARK OR FLAG THE LOCATION OF THEIR FACILITIES IN THE FIELD (1-800-522-6543 OR 811) NO SOONER THAN TEN DAYS NOR LATER THAN 48 HOURS (EXCLUDING SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS) PRIOR TO EXCAVATION.
10. THE CONTRACTOR SHALL REPAIR, AT HIS EXPENSE, ANY DAMAGES TO EXISTING LOCATED FACILITIES CAUSED DIRECTLY OR INDIRECTLY BY HIS OPERATION.
11. BEFORE PROCEEDING, THE CONTRACTOR SHALL SATISFY HIMSELF THAT A CONFLICT DOES NOT EXISTING AND THAT THE UNDERGROUND WORK CAN BE PERFORMED AS SHOWN ON THE PLANS. IF, IN THE OPINION OF THE CONTRACTOR, A CONFLICT DOES EXIST, HE SHALL IMMEDIATELY NOTIFY THE ENGINEER WHO WILL MAKE THE FINAL DETERMINATION FOR RESOLVING THE CONFLICT.
12. THE CONTRACTOR IS TO VERIFY FIELD CONDITIONS AND NOTIFY OWNER AND ENGINEER OF ANY DISCREPANCIES PRIOR TO START OF WORK.
13. THE CONTRACTOR SHALL NOTIFY ALL ADJACENT PROPERTY OWNERS 48 HOURS PRIOR TO STARTING ANY WORK WHICH WILL AFFECT THEIR ACCESS. NOTIFICATION SHALL INCLUDE DURATION OF IMPACT, TELEPHONE NUMBER AND NAME OF PERSON TO CONTACT. COPIES OF NOTIFICATION SHALL BE FURNISHED TO AND APPROVED BY THE OWNER PRIOR TO DISTRIBUTION TO ADJACENT PROPERTY OWNERS.
14. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES, WORKING SIGNS, LIGHTS, FLASHERS AND FLAG PERSONS AS REQUIRED BY THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" TO PROVIDE FOR THE SAFETY OF WORKERS AND THE PUBLIC AT LARGE. TEMPORARY FENCING SHALL BE INSTALLED AROUND ANY OPEN AREAS OF THE SITE.
15. ALL DEBRIS AND SOILS, DERIVED FROM THE CONTRACTOR'S OPERATIONS, FOUND IN THE PUBLIC RIGHT-OF-WAY OR CAUSING NUISANCE TO OPERATIONS, SHALL BE CLEANED AND REMOVED ON A DAILY BASIS, WHEN NOTIFIED BY THE AUTHORITY HAVING JURISDICTION OR THE OWNER'S REPRESENTATIVE.
16. THE CONTRACTOR SHALL SATISFACTORILY CLEAN THE AREA OF ALL RUBBISH, EXCESS MATERIAL, MUD AND DEBRIS AND ALL PARTS OF THE WORK AREA SHALL BE LEFT IN A NEAT AND PRESENTABLE CONDITION. ALL DISTURBED AREAS SHALL BE RESTORED TO A LEVEL AND SMOOTH SURFACE PRIOR TO ACCEPTANCE OF THE WORK. DEBRIS, ETC. SHALL BE DISPOSED OF AT AN APPROVED FACILITY IN A LEGAL MANNER.
17. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY, COUNTY, STATE AND FEDERAL REGULATIONS, CODES AND O.S.H.A. STANDARDS.
18. EXISTING INFORMATION SHOWN ON THIS PLAN IS REPRESENTED BASED ON SURVEY COMPLETED BY OLSSON, INC. (405) 242-6600.
19. CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL BUILD ELEMENTS, INCLUDING BUT NOT LIMITED TO SIDEWALKS, PARKING SPACES AND ACCESS RAMPS COMPLY WITH THE CITY OF ADA ADA STANDARD REQUIREMENTS. CONTRACTOR SHALL NOTIFY THE ENGINEER OR ENGINEER'S DESIGNEE FOR ANY DISCREPANCIES BETWEEN DESIGN INFORMATION AND THE CITY OF ADA STANDARD REQUIREMENTS PRIOR TO CONSTRUCTION.
20. CONSTRUCTION ACTIVITIES THAT RESULT IN LAND DISTURBANCE OF EQUAL TO OR GREATER THAN ONE ACRE, OR LESS THAN ONE (1) ACRE IF THEY ARE PART OF A LARGER COMMON PLAN OF DEVELOPMENT OR SALE THAT TOTALS AT LEAST ONE (1) ACRE MUST ALSO OBTAIN A PERMIT FROM ODEQ (FORM 606-002A) (NOI) FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY.
21. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL BOUNDARY CORNERS AND SECTION CORNERS. ANY BOUNDARY CORNER AND/OR SECTION CORNER DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE RESET BY A LAND SURVEYOR LICENSED IN THE STATE OF OKLAHOMA, AT THE CONTRACTOR'S EXPENSE.
22. ALL ELEVATIONS SHOWN ON THE CONSTRUCTION DOCUMENTS ARE BASED UPON NORTH-AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), HORIZONTAL DATUM NAD 83, OKLAHOMA STATE PLANE NORTH - US FOOT, UNLESS OTHERWISE NOTED.
23. CONTRACTOR TO COORDINATE CONSTRUCTION ACTIVITY WITH ANY ADJACENT PROJECTS AND NOTIFY OWNER AND ENGINEER OF DISCREPANCIES BETWEEN THESE PLANS AND WORK NECESSARY.
24. PRIOR TO CONSTRUCTION, CONTRACTOR MUST CONTACT CITY OF ADA PUBLIC WORKS DEPARTMENT TO SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL.

DEMOLITION NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A DEMOLITION PERMIT FROM THE CITY PRIOR TO STARTING DEMOLITION ACTIVITIES. CONTRACTOR SHALL PAY ALL COSTS ASSOCIATED WITH THE DEMOLITION PERMIT.
 2. THE CONTRACTOR SHALL CONFORM WITH ALL APPLICABLE CODES (LOCAL, STATE AND FEDERAL) FOR DEMOLITION, DUST CONTROL, EROSION CONTROL AND DISPOSAL OF DEMOLITION MATERIAL AND DEBRIS.
 3. EXISTING UNDERGROUND LINES HAVE BEEN SHOWN TO THE EXTENT KNOWN. THE EXACT LOCATIONS AND NOTIFICATIONS OF THE PROPERTY AGENCY IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO ANY EXCAVATION.
 4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL EXISTING UTILITIES, PAVEMENT AND OTHER IMPROVEMENTS NOT SCHEDULED FOR REMOVAL. ANY DAMAGE TO EXISTING UTILITIES AND/OR PAVED STREETS CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 5. THE CONTRACTOR SHALL PROPERLY DISPOSE OF ALL UNSUITABLE MATERIALS AND DEBRIS ENCOUNTERED OR GENERATED BY THE REMOVAL OPERATIONS, INCLUDING CONCRETE, ASPHALT, OIL, BRICK, ROCK, PIPES, ETC. NO UNSUITABLE MATERIAL, SUCH AS DETERMINED BY THE OWNER'S REPRESENTATIVE, SHALL BE USED FOR BACKFILLING OR EMBANKMENT CONSTRUCTION. THE COST FOR DISPOSAL OF THE UNSUITABLE MATERIAL SHALL BE SUBSIDIARY TO THE PROJECT.
 6. STORM WATER POLLUTION PREVENTION PLAN BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED PRIOR TO ANY REMOVALS.
 7. CONTRACTOR SHALL FULL DEPTH SAW CUT WITH A DIAMOND EDGE SAW BLADE ALL LOCATIONS WHERE PAVEMENT TO BE REMOVED ABUTS PAVEMENT TO REMAIN.
 8. ALL DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE HAULED OFF-SITE AND PROPERTY DISPOSED OF. THE OWNER SHALL HAVE FIRST RIGHTS TO ANY MATERIALS THAT HE DEEMS SALVAGEABLE. MISCELLANEOUS STRUCTURES, CONCRETE, RUBBLE AND OTHER ITEMS SHALL BE REMOVED COMPLETELY OR DEMOLISHED TO 3' BELOW EXISTING GRADE.
- SITE LAYOUT NOTES:
1. ALL DIMENSIONS ARE TO THE FACE OF CURB OR EDGE OF PAVEMENT, AND ALL BUILDING DIMENSIONS ARE TO THE OUTSIDE FACE OF WALL, UNLESS OTHERWISE NOTED.
 2. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.
 3. ALL PAVING MATERIALS & CONSTRUCTIONS METHODS SHALL BE IN ACCORDANCE WITH CITY OF ADA STANDARD DRAWINGS AND SPECIFICATIONS.
 4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THE ACCURACY AND LOCATION OF SITE BOUNDARY AND DIMENSIONS. ANY DISCREPANCIES DISCOVERED BETWEEN FIELD VERIFIED LOCATIONS AND PLAN LOCATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD FOR RESOLUTION PRIOR TO PROCEEDING.
 5. A DIAMOND EDGE SAW BLADE SHALL BE USED FOR CUTTING ALL REQUIRED CONTRACTION AND LONGITUDINAL PAVEMENT JOINTS.
 6. CONTRACTOR SHALL BE RESPONSIBLE FOR LAYOUT OF CONCRETE PAVEMENT JOINT SPACING OF JOINTS, LOCATION OF EXPANSION JOINTS, CONTROL JOINTS AND CONTRACTION JOINTS. MAXIMUM PANEL SIZE SHALL BE 12' X 12'. CONTRACTOR SHALL SUBMIT SHOP DRAWING OF JOINTING PLAN FOR APPROVAL PRIOR TO CONSTRUCTION.
 7. THE PORTLAND CEMENT CONCRETE FOR PAVEMENT SHALL BE IN ACCORDANCE WITH THE CITY OF ADA STANDARD SPECIFICATIONS. CONCRETE SHALL HAVE A MINIMUM DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
 8. CONCRETE FOR INLETS, CURB AND GUTTER, SIDEWALKS AND MANHOLES SHALL BE IN ACCORDANCE WITH THE CITY OF ADA STANDARD SPECIFICATIONS.
 9. PAVEMENT JOINTS SHALL BE IN ACCORDANCE WITH ODOT STANDARD SPECIFICATION USING MATERIAL CONFORMING TO ASTM DESIGNATION 1190, STANDARD SPECIFICATION FOR JOINT AND CRACK SEALANTS, HOT-APPLIED.

GRADING NOTES:

1. NEW CONTOURS DENOTE TOP OF FINISHED PAVING OR GRADED AREA AS INDICATED. ALL SPOT ELEVATIONS ARE TO FINISHED GRADE, UNLESS NOTED OTHERWISE. SUBTRACT PAVEMENT THICKNESS FOR SUBGRADE ELEVATIONS.
2. NOTIFY ENGINEER IF EXISTING GROUND CONDITIONS VARY FROM THOSE SHOWN ON PLANS.
3. PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREAS. NO PONDING OF WATER SHALL BE ALLOWED. THE CONTRACTOR SHALL GRADE ALL AREAS TO POSITIVELY DRAIN AWAY FROM BUILDINGS.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DEWATER AND STABILIZE ANY SOFT SOILS AS NEEDED TO REACH OPTIMUM SOIL CONDITIONS.
5. ALL DISTURBED AREAS SHALL BE SODDED. CONTRACTOR SHALL BE RESPONSIBLE FOR SODDED AREAS UNTIL GROWTH IS ESTABLISHED.
6. BUILDING SITES ARE SHOWN FOR GRADING INFORMATION ONLY. REFER TO GEOTECHNICAL REPORT FOR SUBGRADE AND FOUNDATION PREPARATION DIRECTIONS.
7. TOPSOIL SHALL BE STRIPPED, STOCKPILED ON-SITE AND SPREAD AFTER GRADING OPERATIONS. TOPSOIL SHALL BE SPREAD TO A DEPTH NOT EXCEEDING 6 INCHES AND COORDINATED WITH THE LANDSCAPE PLANS AND SPECIFICATIONS.
8. CONTRACTOR SHALL PROVIDE WATER AS REQUIRED TO OBTAIN SPECIFIED COMPACTION.
9. DENSITY TESTING WILL BE PROVIDED BY THE CONTRACTOR. ANY FAILING TEST SHALL BE RE-TESTED AT THE CONTRACTOR'S EXPENSE UNTIL PASSING TESTS ARE OBTAINED.
10. THE EARTHWORK CONTRACTOR IS ULTIMATELY RESPONSIBLE TO IMPORT OR EXPORT MATERIAL AS NECESSARY TO ACHIEVE THE GRADES SHOWN ON THE CIVIL ENGINEER'S DOCUMENTS.
11. OFF-SITE BORROW SOILS SHALL BE EVALUATED AND APPROVED BY THE OWNER PRIOR TO USE ON THE SITE. ALL PROPOSED FILL SOILS SHALL BE TESTED AND APPROVED PRIOR TO PLACEMENT.

GRADING NOTES:

12. ALL DIMENSIONS OR ELEVATIONS MARKED TO MATCH EXISTING SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER OF ANY CONFLICTS WITH THE DRAWINGS PRIOR TO CONSTRUCTION.
13. THE CONTRACTOR IS RESPONSIBLE TO ENSURE ALL EXCAVATIONS ARE MADE IN ACCORDANCE WITH CURRENT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) CONSTRUCTION STANDARDS. IN ADDITION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILIAR WITH OSHA STANDARDS AND REGULATIONS PERTAINING TO ALL ASPECTS OF THE WORK INCLUDING ENTERING CONFINED SPACES.
14. ALL COMPACTION FOR EARTHWORK OPERATIONS AND SUBGRADE PREPARATION FOR PAVEMENT, DRIVEWAY, AND SIDEWALK CONSTRUCTION SHALL CONFORM TO THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT.
15. SUITABLE FILL MATERIALS SHALL BE FREE OF ORGANIC OR OTHER DELETERIOUS MATERIALS AND SHALL HAVE A MAXIMUM PARTICLE SIZE LESS THAN 2 INCHES. IF FINE GRAINED SILT OR CLAY SOIL IS USED FOR FILL, CLOSE MOISTURE CONTROL WILL BE REQUIRED TO ACHIEVE THE RECOMMENDED COMPACTION.
16. WHEN RUBBLE IS ENCOUNTERED, IT SHALL BE OVER-EXCAVATED AND REMOVED, AND LAWFULLY DISPOSED OF. THE OVER-EXCAVATED AREAS SHALL BE RE-FILLED WITH STRUCTURAL FILL.

UTILITY NOTES:

- THE FOLLOWING IS A MINIMUM DEPTH OF COVER OVER THE UTILITY PIPES. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE COVER WITH THE JURISDICTIONAL AUTHORITY: WATER – 36", SANITARY–36".
2. EXISTING UTILITIES SHOWN ON THESE PLANS ARE NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING LOCATION OF THESE UTILITIES BEFORE COMMENCING EXCAVATIONS.
3. THE CONTRACTOR SHALL COMPLY WITH CURRENT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) CONSTRUCTION STANDARDS AND MAINTAIN VIABLE TRENCH SAFETY SYSTEMS AT ALL TIMES.
4. THE CONTRACTOR SHALL COORDINATE WITH THE CITY FOR INSPECTION OF PRIVATE WATER AND SEWER CONNECTION.
5. CONTRACTOR TO COORDINATE THE INSTALLATION OF UTILITY SERVICES WITH UTILITY COMPANIES BEFORE THE INSTALLATION OF PAVEMENT, SIDEWALKS, CURB & GUTTER, AND OTHER PERMANENT FEATURES.
6. THE CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING THE NECESSARY APPROVALS, PERMITS AND INSPECTIONS; PAYING REQUIRED FEES AND POSTING ANY REQUIRED BONDS, PRIOR TO BEGINNING ANY DEMOLITION OR CONSTITUTION.
7. THE UTILITY CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF EXCESS TRENCHING MATERIAL FROM THE SITE OR STOCKPIILING ACCEPTABLE MATERIAL FOR ROUGH GRADING.
8. 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.
9. CONTRACTOR SHALL NOTIFY APPROPRIATE UTILITY COMPANIES TO COORDINATE CONNECTIONS AND RELOCATIONS. ALL CONNECTION COSTS, CONNECTION FEES, OR RELOCATED FEES WILL BE PAID BY THE CONTRACTOR.
10. ALL VALVES, FITTINGS, AND WATER LINE DISINFECTION SHALL CONFIRM THE CITY OF ADA STANDARD SPECIFICATIONS.
11. TRENCH BACKFILL SHALL BE FREE OF BRICK, STONE OR CONCRETE RUBBLE, AND ANY TRASH, DEBRIS, ORGANIC MATERIAL OR ANY OTHER MATERIAL DETERMINED BY THE ENGINEER TO BE UNSUITABLE. ALL UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR.
12. THE TRENCHES SHALL BE KEPT FREE OF WATER AT ALL TIMES AND THE TRENCH LIMITS SHALL BE MAINTAINED AS DETAILED BY THE PLANS. THE COST OF ALL DEWATERING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
13. ALL STORM, SANITARY, AND WATER UTILITIES SHALL BE CONSTRUCTED AND TESTED PER THE CITY OF ADA STANDARD SPECIFICATIONS, AND THE SPECIFICATIONS AND REQUIREMENTS OF ANY OTHER ENTITIES HAVING JURISDICTION OVER THESE IMPROVEMENTS. IN THE CASE OF A DISCREPANCY BETWEEN THE ABOVE REQUIREMENT, THE MOST STRINGENT REQUIREMENT SHALL BE FOLLOWED.
14. PRIVATE HIGH DENSITY POLYETHYLENE PIPE (HDPE) FOR STORM SEWERS SHALL COMPLY WITH THE FOLLOWING:
 1. AASHTO M294 TYPE S CORRUGATED EXTERIOR AND SMOOTH INTERIOR.
 2. MINIMUM PIPE STIFFNESS AT 5% DEFLECTION ACCORDING TO ASTM D2142.
 3. ASTM D3550 MINIMUM RESIN CELL CLASSIFICATION 335420C.
 4. INTEGRAL BELL AND SPIGOT JOINTS WITH ELASTOMERIC SEALS COMPLYING WITH ASTM F477.
 5. MINIMUM 5% DEFLECTION OF THE AVERAGE INSIDE DIAMETER BY TESTING AFTER INSTALLATION.
15. POLYVINYL CHLORIDE (PVC) FOR STORM SEWERS SHALL COMPLY WITH THE FOLLOWING:
 1. TYPES OF PIPES:
 - A. CORRUGATED EXTERIOR, SMOOTH INTERIOR: ASTM F949.
 - B. SOLID WALL: ASTM D3034 OR ASTM F679.
 - C. CLOSED PROFILE: ASTM F1803.
 - D. COMPOSITE: ASTM D2680.
 2. PVC PLASTIC MEETING ASTM D1784, CELL CLASSIFICATION 12454.
 3. MINIMUM PIPE STIFFNESS OF 46 PSI.
 4. INTEGRAL BELL AND SPIGOT JOINTS WITH ELASTOMETRIC SEALS ACCORDING TO ASTM D3212 AND ASTM F477.
16. POLYVINYL CHLORIDE (PVC) CONDUIT SHALL COMPLY WITH THE FOLLOWING:
 1. PIPE MATERIAL: SCHEDULE 40 CONDUIT IN ACCORDANCE WITH UL-651.
 2. SOLVENT CEMENT TO JOIN CONDUIT: ASTM D 2564.
17. ALL PRIVATE WATER SERVICE MAINS AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 24 (IFC 507.2.1)

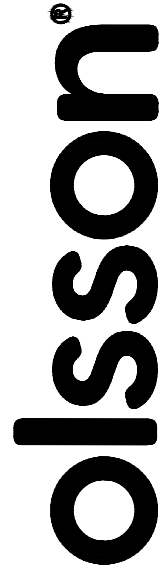
EROSION CONTROL NOTES:

- ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE EXECUTION OF ANY DEMOLITION OR GRADING WORK AND SHALL BE MAINTAINED BY THE GRADING CONTRACTOR FOR THE DURATION OF THE PROJECT.
2. THE CONSTRUCTION ENTRANCE SHALL BE THE FIRST CONSTRUCTION WORK ON THE PROJECT.
3. THE CONTRACTOR SHALL CONSTRUCT AS A MINIMUM ONE STABILIZED CONSTRUCTION ENTRANCE. IF ADDITIONAL INGRESS OR EGRESS TO THE CONSTRUCTION SITE IS REQUIRED, THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THESE ADDITIONAL STABILIZED ENTRANCES WITH THE CONSTRUCTION MANAGER. USAGE OF NON-STABILIZED POINTS FOR INGRESS AND EGRESS WILL NOT BE PERMITTED. THE STABILIZED ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY AND PAVED DRIVING LANES. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS WARRANT. REPAIR OF THE ENTRANCE(S) OR CLEANING OF THE RIGHT-OF-WAY AND PAVED DRIVING LANES THAT HAVE BEEN SOILED SHALL BE PERFORMED BY THE CONTRACTOR AT HIS OWN EXPENSE, SATISFACTORY TO THE CONSTRUCTION MANAGER. WHEN NECESSARY, VEHICLE WHEELS AND TIRES SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING ONTO PUBLIC RIGHT-OF-WAY AND PUBLIC STREETS. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE.
4. UNDERGROUND UTILITIES – SEDIMENT BARRIERS WILL BE UTILIZED AS REQUIRED TO BOUND THE DOWN SLOPE SIDE OF UTILITY CONSTRUCTION AND SOIL STOCKPILES.
5. FINAL GRADING – SEDIMENT BARRIERS WILL BE MAINTAINED DOWN SLOPE FROM DISTURBED SOIL DURING THIS OPERATION AND REMOVED UPON COMPLETION OF ON-SITE STABILIZATION.
6. SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE REMOVED FOLLOWING CONSTRUCTION OR UPON PERMANENT STABILIZATION OF THE DISTURBED AND GRADED AREAS, WHICHEVER OCCURS LAST.
7. THE ACTUAL SCHEDULE FOR IMPLANTING POLLUTANT CONTROL MEASURES WILL BE DETERMINED BY PROJECT CONSTRUCTION PROGRESS. DOWN SLOPE PROTECTIVE MEASURES MUST ALWAYS BE IN PLACE BEFORE SOIL IS DISTURBED.
8. SEDIMENT FILTER, SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED PER LOCAL JURISDICTIONAL REQUIREMENTS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION & SEDIMENT CONTROL MEASURES AND PRACTICES THROUGHOUT THE PROJECT. ANY AND ALL FINES ASSOCIATED WITH EROSION CONTROL VIOLATIONS WILL BE THE CONTRACTOR'S RESPONSIBILITY.
10. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
11. SEDIMENT FILTERS AND SEDIMENT FENCES SHALL BE INSPECTED AND MAINTAINED NO LESS THAN WEEKLY OR WITHIN 24 HOURS OF A RAINFALL EVENT OF 0.5 INCHES OR MORE. MAINTENANCE SHALL INCLUDE BUT LIMITED TO SEDIMENT REMOVAL, BARRIER REPAIR AND/OR REPLACEMENT.
12. SEDIMENT COLLECTED BEHIND THE SEDIMENT FILTERS AND SILT FENCES SHALL BE REMOVED WHEN SEDIMENT REACHES ONE THIRD THE HEIGHT OF THE BARRIER.
13. THE CONTRACTOR SHALL PROVIDE ANY FURTHER EROSION CONTROL MEASURES IN ADDITION TO THOSE LISTED TO ENSURE THAT SILT WILL NOT LEAVE THE PROJECT CONFINES.
14. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED WITH A HEALTHY STAND OF PERMANENT VEGETATION.
15. THE CONTRACTOR SHALL ENSURE THAT ALL DRAINAGE STRUCTURES, FLUMES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
16. ALL EROSION CONTROL DEVICES SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS AND DESIGN CRITERIA OF THE ENGINEERING DIVISION, DEPARTMENT OF PUBLIC WORKS, CITY OF ADA, OKLAHOMA AND THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY, STORM WATER QUALITY DIVISION, MOST CURRENT EDITIONS.
17. AT ANY TIME DURING CONSTRUCTION THE CITY ENGINEER MAY REQUIRE ADDITIONAL EROSION/SILTATION CONTROL MEASURES TO BE INSTALLED IN ORDER TO ADDRESS PROBLEM SITUATIONS OBSERVED ON THE SITE. WHEN REQUIRED SUCH MEASURES SHALL BE INSTALLED WITHIN 48 HOURS OF THE CITY ENGINEER'S VERBAL OR WRITTEN ORDER.
18. CONTRACTOR IS RESPONSIBLE FOR THE PHASING, MOVING, ADDING, REMOVING, AND REPLACING OF SILT FENCE AND ANY SAFETY FENCE IN SUCH A WAY AS TO MAINTAIN PERIMETER SEDIMENTATION CONTROL AND PUBLIC SAFETY AT ALL TIMES THROUGHOUT CONSTRUCTION.
19. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A WALKABLE SIDEWALK FREE OF SEDIMENT AND DEBRIS DURING CONSTRUCTION



—CAUTION—

THE LOCATION OF UNDERGROUND UTILITIES DEPICTED ON THESE DRAWINGS ARE BASED ON VISUAL SURFACE EVIDENCE AND/OR AS-BUILT DRAWINGS PROVIDED BY OTHERS AND, THEREFORE, MAY NOT REPRESENT ALL UTILITIES PRESENT OR THEIR ACTUAL LOCATIONS. IT IS THE CONTRACTORS RESPONSIBILITY FOR COORDINATING WITH INDIVIDUAL UTILITY OWNERS TO ASCERTAIN THE EXACT LOCATION OF EXISTING UTILITIES AT SPECIFIC POINTS OF CONNECTION AND FOR NOTIFYING AHJ PRIOR TO ANY EXCAVATION ON SITE.



11600 Broadway Extension
Suite 300
Oklahoma City, OK 73114

olsson.com
TEL 405.242.6600
FAX 405.242.6601
Olsson - Engineering
Oklahoma COA #2483



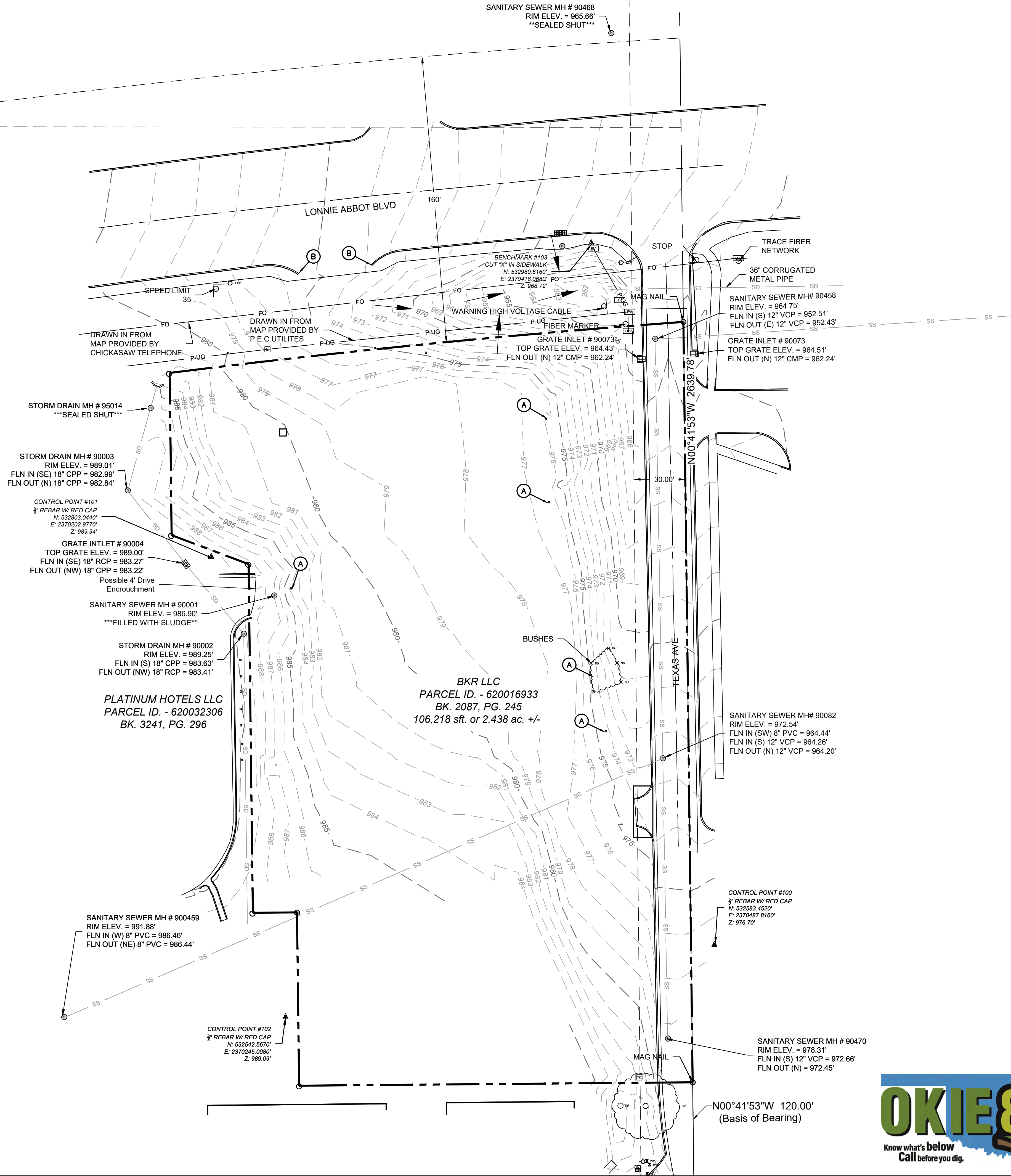
GENERAL NOTES

BRAKES PLUS
SW CORNER OF LONNIE ABBOT BLVD AND N TEXAS AVE

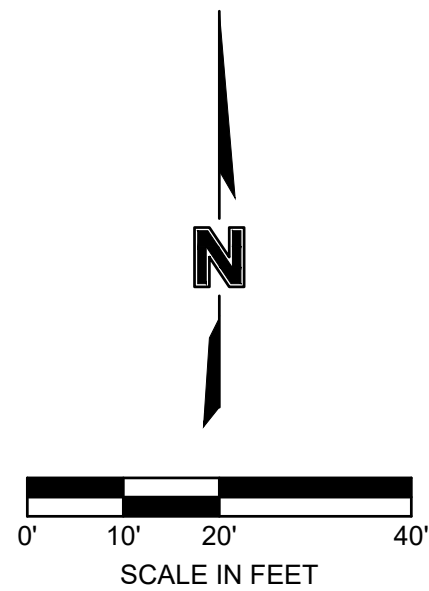
ADA OK

drawn by: _____
checked by: _____
designed by: _____
QA/QC by: _____
project no.: 024-0247
date: 11.04.2021

SHEET
C0.1

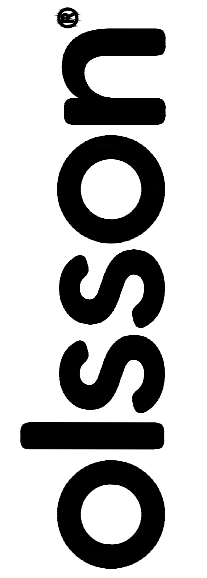


- LEGEND**
- # B-II EXCEPTION
 - △ CONTROL POINT
 - DECIDUOUS TREE
 - [E] ELECTRIC BOX
 - [EV] ELECTRIC VAULT
 - FOUND MONUMENT (SEE DESCRIPTION)
 - [G] GRATE INLET
 - ⚙ LIGHT POLE
 - ⊙ STORM DRAIN MANHOLE
 - SET 3\"/>
 - FOUND 3\"/>
 - SIGN
 - ⊙ SANITARY SEWER MANHOLE
 - [TP] TELEPHONE PEDESTAL
 - [TEV] TELEPHONE VAULT
 - BOUNDARY LINE
 - PROPERTY LINE
 - STATUTORY R/W LINE
 - EASEMENT LINE
 - FIBER OPTIC LINE
 - UNDERGROUND ELECTRIC
 - SANITARY SEWER LINE
 - STORM DRAIN LINE
 - ROADWAY CENTERLINE
 - (A) REMOVE EXISTING TREES AND BUSHES
 - (B) REMOVE EXISTING CURB AND GUTTER
 - (B) REMOVE & REPLACE FOR WATERLINE INSTALLATION
 - FLOW DIRECTION ARROW




—CAUTION—

THE LOCATION OF UNDERGROUND UTILITIES DEPICTED ON THESE DRAWINGS ARE BASED ON VISUAL SURFACE EVIDENCE AND/OR AS-BUILT DRAWINGS PROVIDED BY OTHERS AND, THEREFORE, MAY NOT REPRESENT ALL UTILITIES PRESENT OR THEIR ACTUAL LOCATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR COORDINATING WITH INDIVIDUAL UTILITY OWNERS TO ASCERTAIN THE EXACT LOCATION OF EXISTING UTILITIES AT SPECIFIC POINTS OF CONNECTION AND FOR NOTIFYING AHJ PRIOR TO ANY EXCAVATION ON SITE.



11600 Broadway Extension
Suite 300
Oklahoma City, OK 73114
olsson.com
TEL 405.242.6600
FAX 405.242.6601
Olsson - Engineering
Oklahoma COA #2483



BY: _____
REVISIONS DESCRIPTION: _____
DATE: _____
REV. NO.: _____

REVISIONS

EXISTING CONDITIONS & DEMOLITION PLAN

BRAKES PLUS

SW CORNER OF LONNIE ABBOT BLVD AND N TEXAS AVE

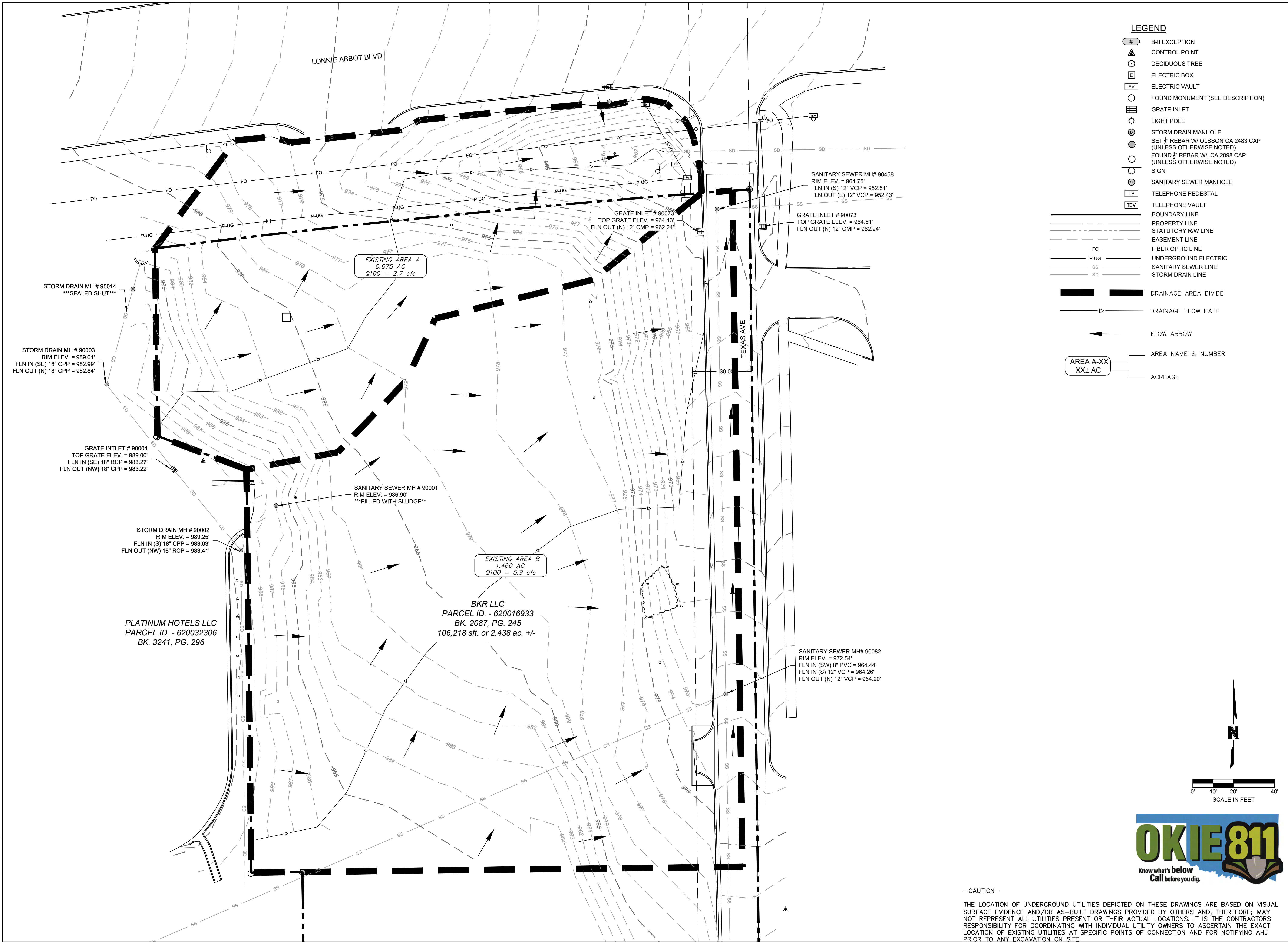
ADA, OK

2024

drawn by: _____
checked by: _____
designed by: _____
QA/QC by: _____
project no.: 024-02476
date: 11.04.2024

SHEET
C0.2

F:\2024\02001-02500\024-02476\40-Design\AutoCAD\Final Plans\Streets\SDNC_EXC01_02402476.dwg
DATE: Nov 01, 2024 3:52pm USER: jrggoux



11600 Broadway Extension
Suite 300
Oklahoma City, OK 73114

olsson.com
TEL 405.242.6600
FAX 405.242.6601

Olsson - Engineering
Oklahoma COA #2483

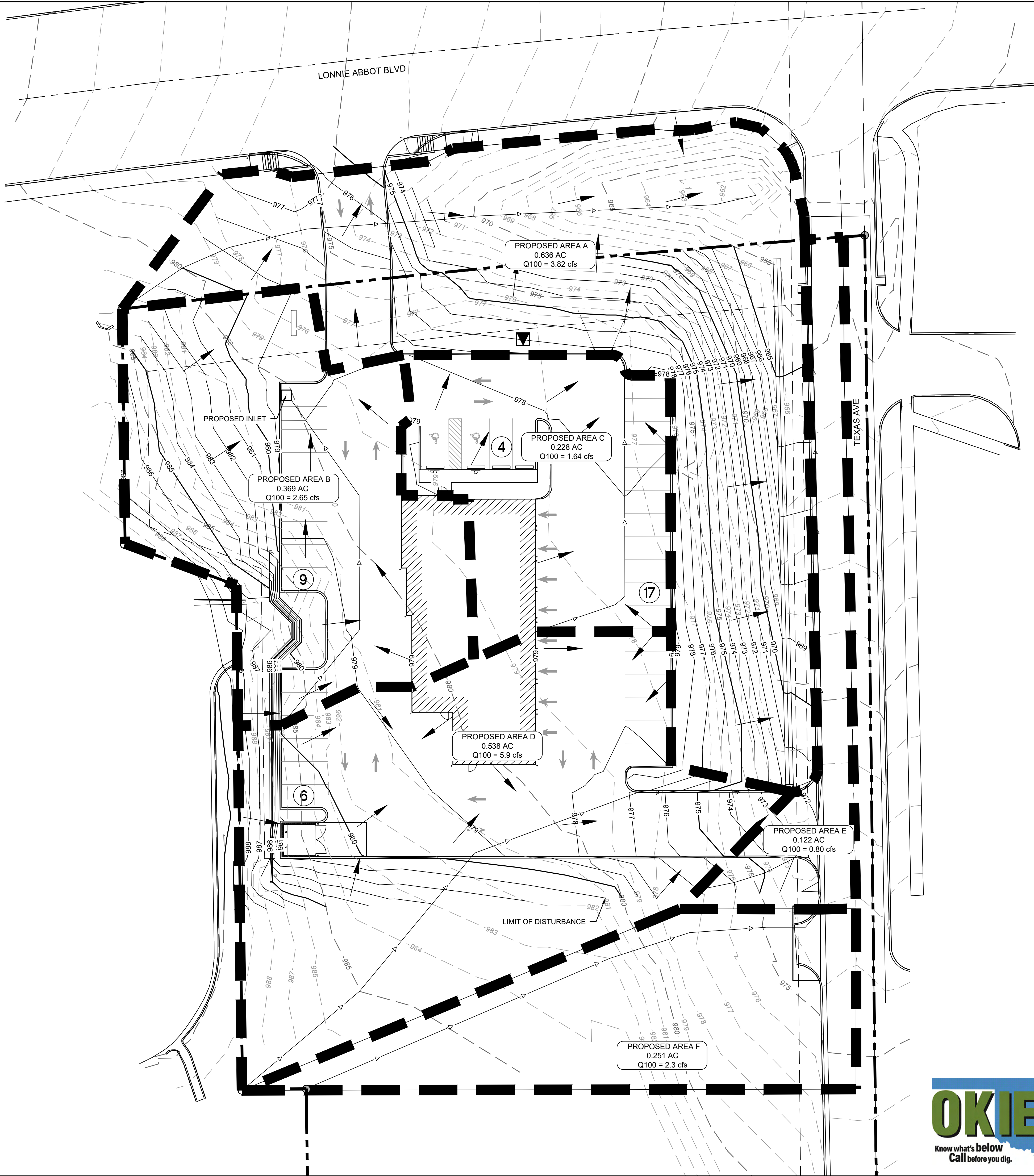
BY	
REVISIONS DESCRIPTION	
DATE	
REV. NO.	

EXISTING DRAINAGE AREA	2024
BRAKES PLUS	
SW CORNER OF LONNIE ABBOT BLVD AND N TEXAS AVE	
ADA, OK	

drawn by:	
checked by:	
designed by:	
QA/QC by:	
project no.:	024-02476
date:	11.04.2024

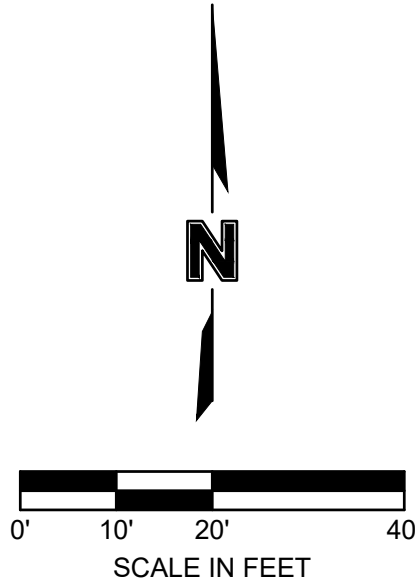
SHEET
C0.3

F:\2024\02001-02500\024-02476\40-Design\AutoCAD\Final Plans\Streets\SDNC_EXC01_02402476.dwg
DATE: Nov 01, 2024 3:52pm USER: jgrogux



LEGEND

- # B-II EXCEPTION
- △ CONTROL POINT
- DECIDUOUS TREE
- E ELECTRIC BOX
- EV ELECTRIC VAULT
- FOUND MONUMENT (SEE DESCRIPTION)
- GRATE INLET
- ☆ LIGHT POLE
- ⊗ STORM DRAIN MANHOLE
- SET 3/4" REBAR W/ OLSSON CA 2483 CAP (UNLESS OTHERWISE NOTED)
- FOUND 3/4" REBAR W/ CA 2098 CAP (UNLESS OTHERWISE NOTED)
- SIGN
- ⊗ SANITARY SEWER MANHOLE
- TP TELEPHONE PEDESTAL
- TEV TELEPHONE VAULT
- BOUNDARY LINE
- PROPERTY LINE
- STATUTORY R/W LINE
- EASEMENT LINE
- FIBER OPTIC LINE
- P-UG UNDERGROUND ELECTRIC
- SS SANITARY SEWER LINE
- SD STORM DRAIN LINE
- DRAINAGE AREA DIVIDE
- DRAINAGE FLOW PATH
- FLOW ARROW
- AREA A-XX
XX± AC AREA NAME & NUMBER
ACREAGE



—CAUTION—
THE LOCATION OF UNDERGROUND UTILITIES DEPICTED ON THESE DRAWINGS ARE BASED ON VISUAL SURFACE EVIDENCE AND/OR AS-BUILT DRAWINGS PROVIDED BY OTHERS AND, THEREFORE, MAY NOT REPRESENT ALL UTILITIES PRESENT OR THEIR ACTUAL LOCATIONS. IT IS THE CONTRACTORS RESPONSIBILITY FOR COORDINATING WITH INDIVIDUAL UTILITY OWNERS TO ASCERTAIN THE EXACT LOCATION OF EXISTING UTILITIES AT SPECIFIC POINTS OF CONNECTION AND FOR NOTIFYING AHJ PRIOR TO ANY EXCAVATION ON SITE.

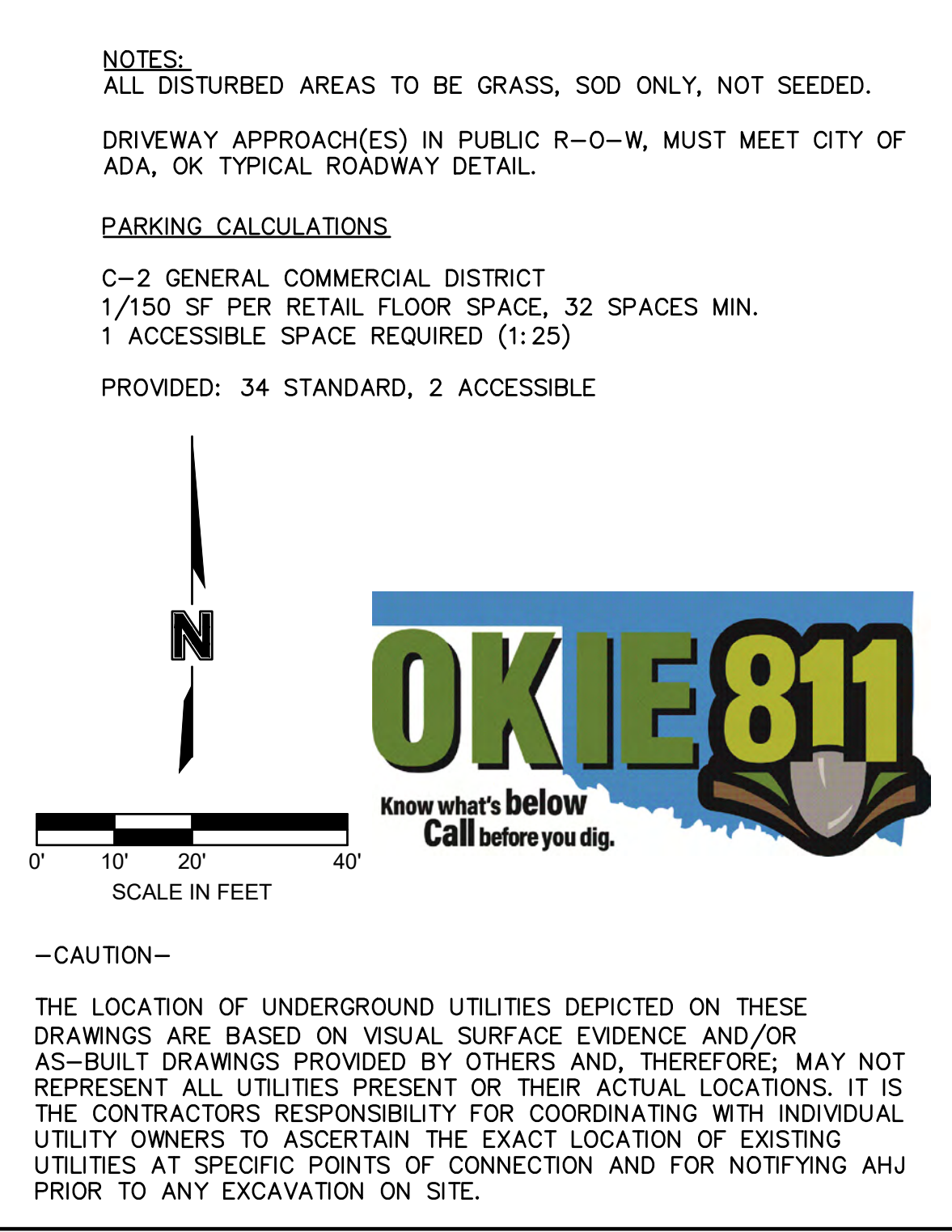
11600 Broadway Extension
Suite 300
Oklahoma City, OK 73114
olsson.com
TEL 405.242.6600
FAX 405.242.6601
Olsson - Engineering
Oklahoma COA #2483

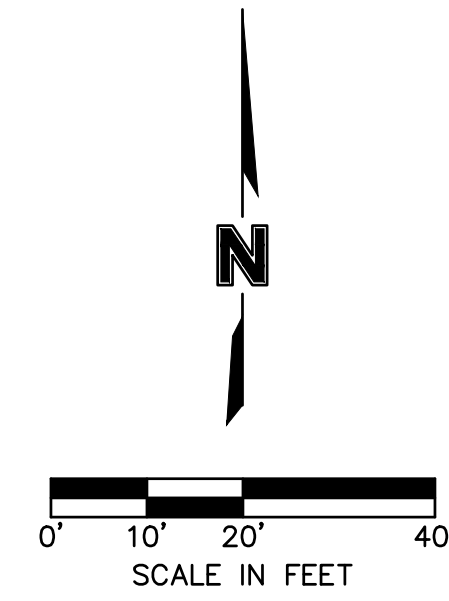
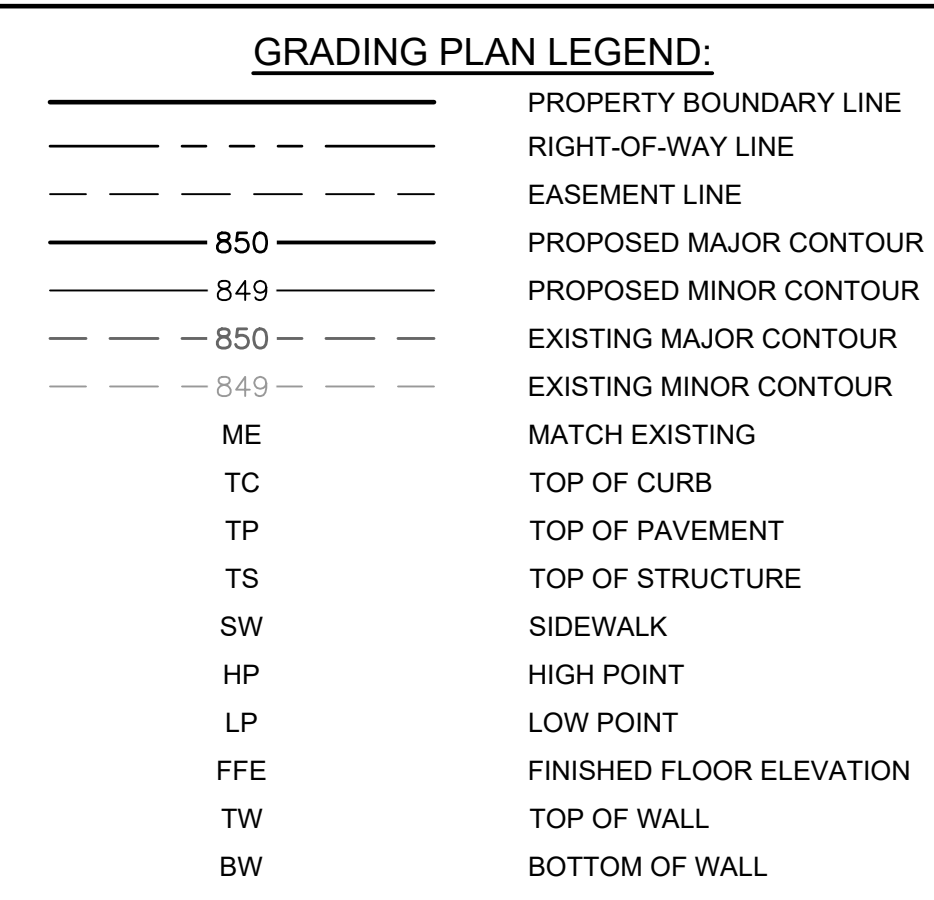
BY	
REVISIONS DESCRIPTION	
DATE	
REV. NO.	

PROPOSED DRAINAGE AREA	BRAKES PLUS SW CORNER OF LONNIE ABBOT BLVD AND N TEXAS AVE ADA, OK	2024
------------------------	--	------

drawn by: _____
checked by: _____
QA/QC by: _____
project no.: 024-02476
date: 11.04.2024


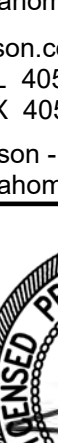
SHEET
C0.4



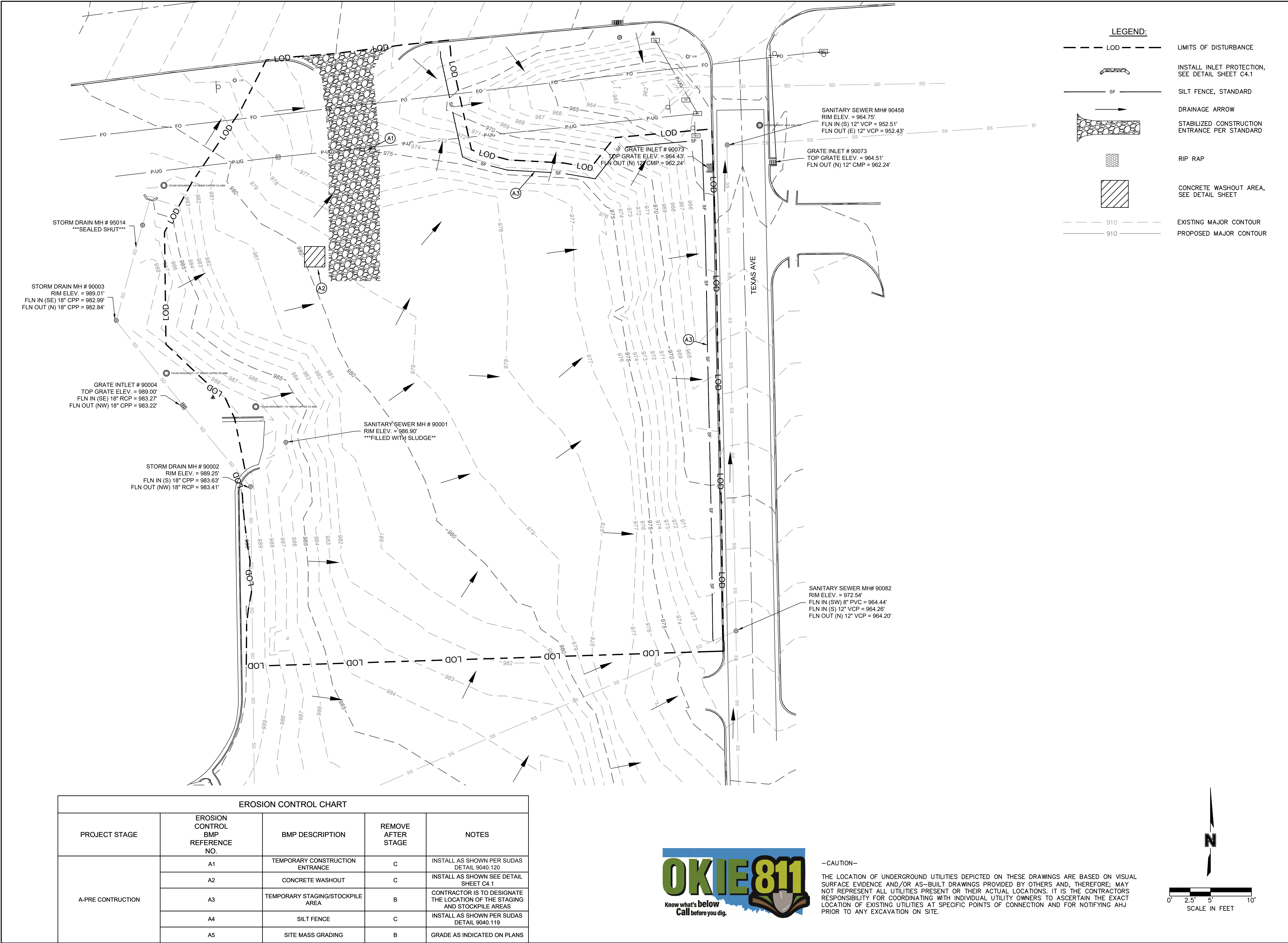


—CAUTION—

THE LOCATION OF UNDERGROUND UTILITIES DEPICTED ON THESE DRAWINGS ARE BASED ON VISUAL SURFACE EVIDENCE AND/OR AS-BUILT DRAWINGS PROVIDED BY OTHERS AND, THEREFORE, MAY NOT REPRESENT ALL UTILITIES PRESENT OR THEIR ACTUAL LOCATIONS. IT IS THE CONTRACTORS RESPONSIBILITY FOR COORDINATING WITH INDIVIDUAL UTILITY OWNERS TO ASCERTAIN THE EXACT LOCATION OF EXISTING UTILITIES AT SPECIFIC POINTS OF CONNECTION AND FOR NOTIFYING AHJ PRIOR TO ANY EXCAVATION ON SITE.

	
11600 Broadway Extension Suite 300 Oklahoma City, OK 73114 olsson.com TEL: 405.242.6600 FAX: 405.242.6601 Olsson - Engineering Oklahoma COA #2483	
	
BY	
REVISIONS DESCRIPTION	
DATE	
REV. NO.	
GRADING PLAN	
BRAKES PLUS	
SW CORNER OF LONNIE ABBOT BLVD AND N TEXAS AVE	
ADA, OK	2024
drawn by: _____ checked by: _____ designed by: _____ QA/QC by: _____ project no.: _____ 024-02476 date: _____ 11.04.2024	
SHEET C2.0	

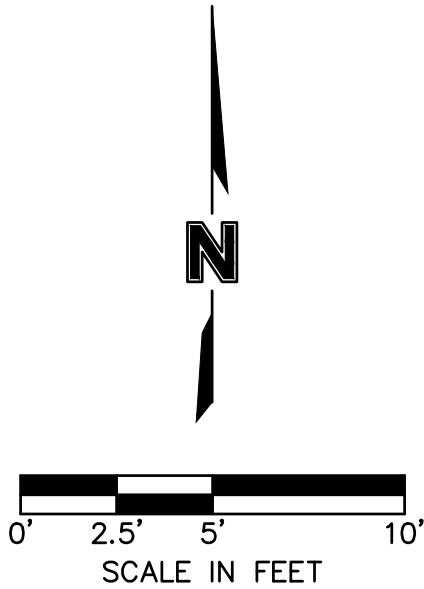
F:\2024\02001-02500\024-02476\40-Design\AutoCAD\Final Plans\Streets\SDNIC_ERC01_02402476.dwg
DATE: Nov 01, 2024 3:53pm USER: jrggoux



EROSION CONTROL CHART				
PROJECT STAGE	EROSION CONTROL BMP REFERENCE NO.	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES
A-PRE CONSTRUCTION	A1	TEMPORARY CONSTRUCTION ENTRANCE	C	INSTALL AS SHOWN PER SUDAS DETAIL 9040.120
	A2	CONCRETE WASHOUT	C	INSTALL AS SHOWN SEE DETAIL SHEET C4.1
	A3	TEMPORARY STAGING/STOCKPILE AREA	B	CONTRACTOR IS TO DESIGNATE THE LOCATION OF THE STAGING AND STOCKPILE AREAS
	A4	SILT FENCE	C	INSTALL AS SHOWN PER SUDAS DETAIL 9040.119
	A5	SITE MASS GRADING	B	GRADE AS INDICATED ON PLANS



—CAUTION—
THE LOCATION OF UNDERGROUND UTILITIES DEPICTED ON THESE DRAWINGS ARE BASED ON VISUAL SURFACE EVIDENCE AND/OR AS-BUILT DRAWINGS PROVIDED BY OTHERS AND, THEREFORE, MAY NOT REPRESENT ALL UTILITIES PRESENT OR THEIR ACTUAL LOCATIONS. IT IS THE CONTRACTORS RESPONSIBILITY FOR COORDINATING WITH INDIVIDUAL UTILITY OWNERS TO ASCERTAIN THE EXACT LOCATION OF EXISTING UTILITIES AT SPECIFIC POINTS OF CONNECTION AND FOR NOTIFYING AHJ PRIOR TO ANY EXCAVATION ON SITE.



- LEGEND:**
- LOD --- LIMITS OF DISTURBANCE
 - INSTALL INLET PROTECTION, SEE DETAIL SHEET C4.1
 - SF — SILT FENCE, STANDARD
 - DRAINAGE ARROW
 - STABILIZED CONSTRUCTION ENTRANCE PER STANDARD
 - RIP RAP
 - CONCRETE WASHOUT AREA, SEE DETAIL SHEET
 - 910 --- EXISTING MAJOR CONTOUR
 - 910 — PROPOSED MAJOR CONTOUR

11600 Broadway Extension
Suite 300
Oklahoma City, OK 73114
olsson.com
TEL 405.242.6600
FAX 405.242.6601
Olsson - Engineering
Oklahoma COA #2483

BY	
REVISIONS DESCRIPTION	
DATE	
REV. NO.	

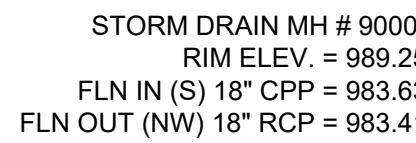
EROSION CONTROL PLAN

BRAKES PLUS
SW CORNER OF LONNIE ABBOT BLVD AND N TEXAS AVE
ADA, OK

2024

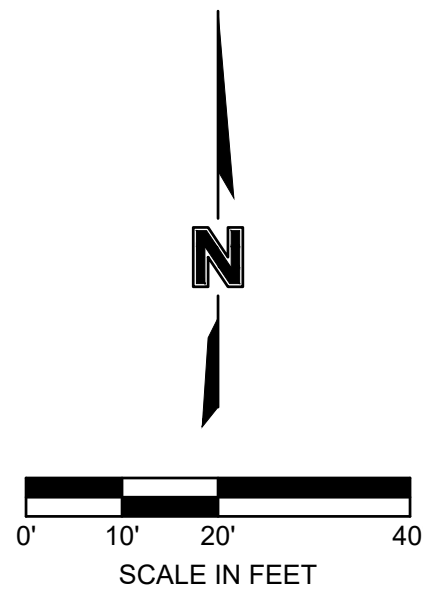
drawn by: _____
checked by: _____
designed by: _____
QA/QC by: _____
project no.: 024-02476
date: 11.04.2024

SHEET
C2.1

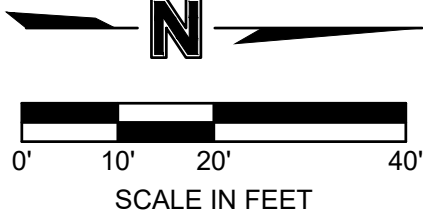


OKIE 811
Know what's **below**
Call before you dig.

THE LOCATION OF UNDERGROUND UTILITIES DEPICTED ON THESE DRAWINGS ARE BASED ON VISUAL SURFACE EVIDENCE AND/OR AS-BUILT DRAWINGS PROVIDED BY OTHERS AND, THEREFORE, MAY NOT REPRESENT ALL UTILITIES PRESENT OR THEIR ACTUAL LOCATIONS. IT IS THE CONTRACTORS RESPONSIBILITY FOR COORDINATING WITH INDIVIDUAL UTILITY OWNERS TO ASCERTAIN THE EXACT LOCATION OF EXISTING UTILITIES AT SPECIFIC POINTS OF CONNECTION AND FOR NOTIFYING AHJ PRIOR TO ANY EXCAVATION ON SITE.

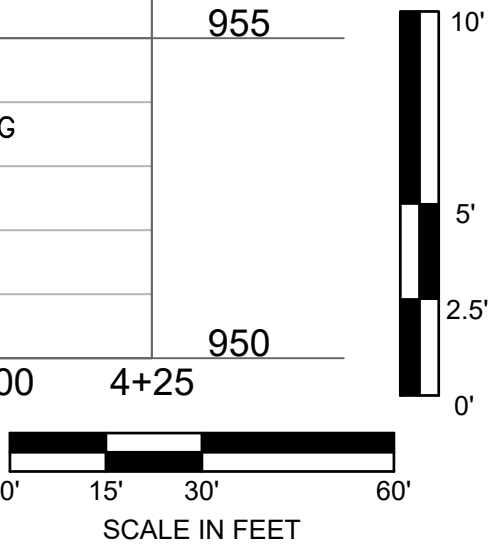


SHEET
C2.2



---	---	PROPERTY BOUNDARY LINE
---	---	PROPERTY LOT LINE
---	SD	EXISTING STORM SEWER
---	SS	EXISTING SANITARY SEWER
---	P-OH	EXISTING OVERHEAD POWER
---	G	EXISTING UNDERGROUND CABLE
---	CATV	EXISTING CABLE LINE
---	FO	EXISTING FIBER OPTIC
---	SD	PROPOSED STORM SEWER
---	P-UG	PROPOSED ELECTRIC LINE

- NO FLOOR DRAINS IN BUILDING, MOP SINK TIED TO OIL/WATER SEPARATOR WITHIN BUILDING. REFERENCE MEP PLANS.
- CONTRACTOR TO FIELD VERIFY EXISTING WATER MAIN CONNECTION POINT AND DEPTH



—CAUTION—

THE LOCATION OF UNDERGROUND UTILITIES DEPICTED ON THESE DRAWINGS ARE BASED ON VISUAL SURFACE EVIDENCE AND/OR AS-BUILT DRAWINGS PROVIDED BY OTHERS AND, THEREFORE, MAY NOT REPRESENT ALL UTILITIES PRESENT OR THEIR ACTUAL LOCATIONS. IT IS THE CONTRACTORS RESPONSIBILITY FOR COORDINATING WITH INDIVIDUAL UTILITY OWNERS TO ASCERTAIN THE EXACT LOCATION OF EXISTING UTILITIES AT SPECIFIC POINTS OF CONNECTION AND FOR NOTIFYING AHJ PRIOR TO ANY EXCAVATION ON SITE.

11600 Broadway Extension
Suite 300
Oklahoma City, OK 73114
olsson.com
TEL 405.242.6600
FAX 405.242.6601
Olsson - Engineering
Oklahoma COA #2483

[illegible]

PUBLIC WATER MAIN EXTENSION P+P

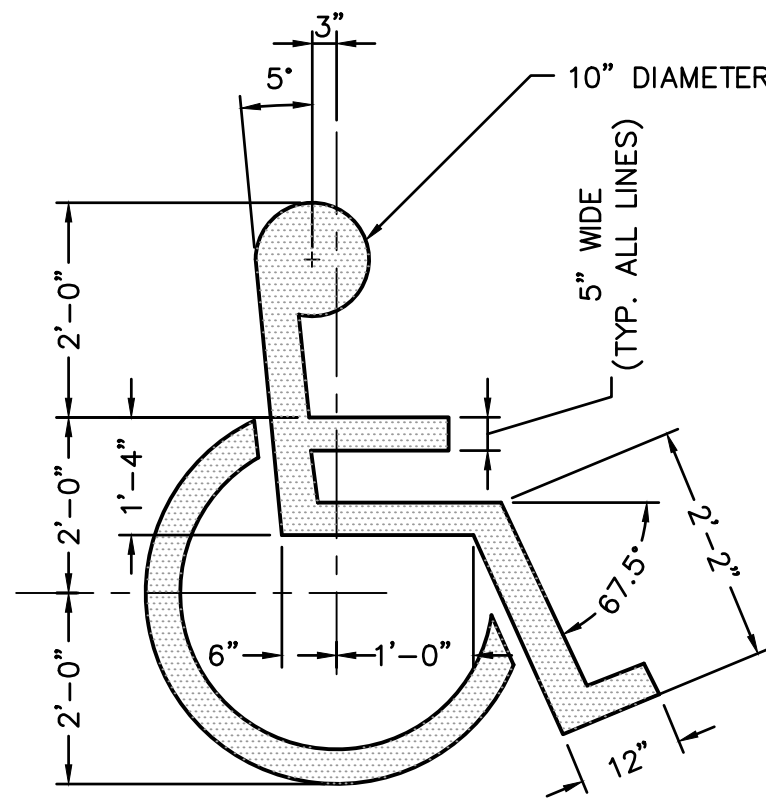
BRAKES PLUS

SW CORNER OF LONNIE ABBOT BLVD AND N TEXAS AVE

ADA OK

drawn by: _____
checked by: _____
designed by: _____
QA/QC by: _____
project no.: 024-0247
date: 11.04.2021

SHEET
C3.1



Technical drawing of a mechanical part with the following dimensions:

- Overall width: 24"
- Overall height: 12"
- Top left corner radius: $R1/2"$
- Top edge offset from left: 6"
- Top edge offset from right: 2"
- Top edge radius: $R 1 \frac{1}{2}"$
- Top edge slope: $5/8"/FT.$
- Right side corner radius: $R1/6"$
- Bottom edge offset from left: 4"
- Bottom edge offset from right: 8"
- Bottom edge offset from right: 8"

1/2" RADIUS TOOLED
JOINT 1 1/4" DEEP (TYP)

PLAN VIEW

1/4" THICKNESS PREMOLDED EXPANSION JOINT FILLER SPACED @ 35" O.C. MAX. EXTEND JOINT FILLER FULL DEPTH OF SIDEWALK

VARIES* VARIES*

4" (TYP.)

SECTION A-A

NOTE:

1. REINFORCEMENT WILL BE No. 3 BARS 24" O.C. EACH WAY MAX. SPACING, OR 6 x 6 - W1.4 X W1.4 WWF
2. NON-SLIP BROOM FINISH FREE OF TROWEL MARKS EXCEPT FOR EDGING TOOL.

1. ALL WORK MUST MEET CURRENT AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS.
2. MINIMUM SIDEWALK WIDTH SHALL BE PER PLAN. SIDEWALK CROSS SLOPE SHALL BE A MAXIMUM OF 2%
3. WHENEVER THE WIDTH OF THE SIDEWALK IS LESS THAN 5'-0" A 5'X5' PASSING AREA WITH A MAXIMUM 2% SLOPE AND MINIMUM 1% SLOPE IN ANY DIRECTION AT INTERVALS OF 200' SHALL BE INSTALLED.
4. WHENEVER THE WIDTH OF THE SIDEWALK IS GREATER THAN 5'-0" A 5'X5' PASSING AREA WITH MAXIMUM 2% SLOPE AND MINIMUM 1% SLOPE IN ANY DIRECTION.
5. OBJECTS SUCH AS TREE BRANCHES, SIGNS, WATER FOUNTAINS, ETC. SHALL NOT PROTRUDE INTO THE SIDEWALK MORE THAN 4" AT THE HEIGHTS BETWEEN 27" AND 80".
6. SIDEWALK SHALL BE CONSTRUCTED OF 4" THICK CONCRETE ON TOP OF 2" OF 1 1/2" CRUSHER RUN, 3/4" ROCK SCREENINGS, 1 1/2" CLEAN RECYCLED CONCRETE OR APPROVED EQUAL.
7. ALL OBSTRUCTIONS INTO THE WALK, SUCH AS POWER POLES, HYDRANTS, SIGN POSTS, ETC. MUST HAVE AT LEAST 48" OF CLEARANCE ABOVE THE WALK SURFACE.
8. SIDEWALK RUNNING GRADE SHALL NOT EXCEED 5% UNLESS THE SIDEWALK IS CONTAINED IN THE R-O-W AND THEN CANNOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREETS.

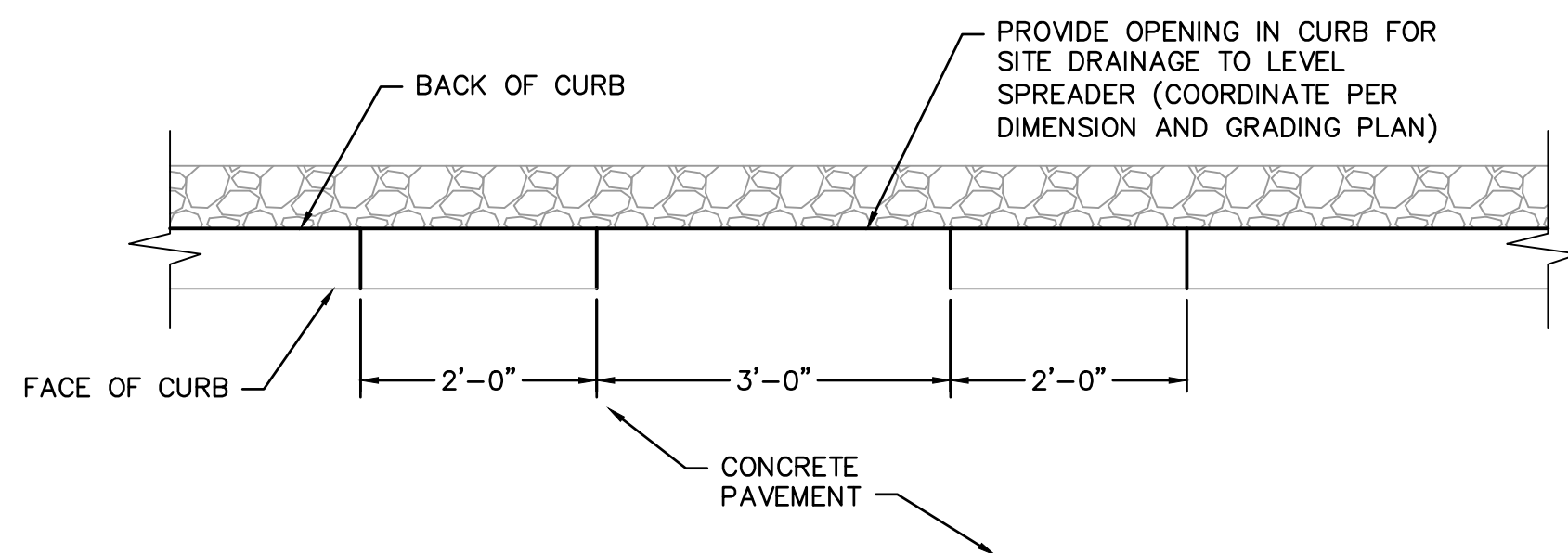
9. ALL JOINTS ARE TO BE SEALED, TO BE THOROUGHLY CLEANED BY HYDROBLASTING AND/OR SAND BLASTING METHODS. THE JOINTS ARE TO BE FREE FROM ALL DUST COATINGS, ANY CONTAMINATES, AND FREE FROM ALL MOISTURE THAT COULD INTERFERE WITH THE PROPER FACTORY BONDING OF THE JOINT SEALANT. MATERIAL THE JOINT WILL BE BLOWN OUT WITH DRY COMPRESSED AIR IMMEDIATELY PRIOR TO APPLYING SEALANT.
10. CONSTRUCTION EQUIPMENT AND OTHER VEHICLES AND PEDESTRIANS THAT MAY CAUSE DAMAGE TO THE JOINTS SHALL BE KEPT AWAY FROM THE JOINTS UNTIL AFTER THE JOINTS HAVE BEEN PROPERLY TACK FREE.
11. USE 1/2" BY 4" EXPANSION JOINT MATERIAL ALONG SIDEWALK CURB AND ALONG BUILDING.
12. USE 1/2" BY 4" EXPANSION JOINT MATERIAL AROUND POLES OR OTHER OBSTRUCTIONS IN WALK AND FOR JOINTS SHOWN AS EXPANSION JOINTS ON THE PLAN VIEW OF THE SITE.
13. SAW OUT JOINTS WITHIN 24 HOURS.
14. SIDEWALK EXPANSION JOINTS ARE NOT DOWELED.

JOINT SEALERS FOR SIDEWALKS SHALL CONFORM TO THE FOLLOWING:

(1) LOW MODULUS SILICON JOINT SEALANT, MACHINE EXTRUDED OR APPLIED BY GUN. GREY IN COLOR.

JOINT SEALERS FOR PARKING LOT PAVEMENT SHALL CONFORM TO THE FOLLOWING:

(1) LOW MODULUS SILICON JOINT SEALANT, MACHINE EXTRUDED OR APPLIED BY GUN. FOR SLAB, SEALANT SHALL BE DOW CORNING 890 SL, DOW CORNING 888 OR EQUAL (JOINT MUST BE TOOLED). FOR CURBS, SEALANT SHALL BE DOW CORNING 888 OR EQUAL (JOINT MUST BE TOOLED).



#3 DOWELS @ 18" O.C.

SLOPE AWAY

WALK

ZIP STRIP TYPE
EXPANSION JOINT
WITH POURABLE
CAULK

BUILDING
SLAB

PARTIAL ELEVATION

THREADED PVC CLEANOUT PLUG

HEAVY DUTY FRAME AND BRASS CAP
W/ LETTERS "C.O." CAST IN COVER

GRADE SURFACE AWAY FROM CLEANOUT

1" IN GRASSY AREA
0" IN PAVED AREA

ADJUSTABLE HEAD

9"

9"

6" MIN. 2500 PSI P.C.
CONCRETE COLLAR
REINFORCED w/ #3 BARS

NOTE: SEE APPLICABLE DETAIL
FOR BACKFILL AND BEDDING
INSTRUCTION.

SIZE OF RISER PIPE PER LOCAL CODES

45° BEND

BACKFILL
PER BEDDING DETAIL

DIRECTION OF FLOW

10" (MIN.)

WYE

PLUG WYE IF SERVICE LATERAL
DOES NOT CONTINUE

SEE PLAN FOR PIPE SIZE, TYPE, AND ELEVATION

Diagram illustrating the layout of a concrete ramp and landing area, showing dimensions and labels:

- Top Section:** Labeled "BACK OF CURB" on both sides. The width is marked as **6' MIN.**
- Ramp Section:** Labeled **1:12 MAX RAMP DOWN** with an upward arrow indicating the slope direction.
- Landing Section:** Labeled **2.0% MAX LANDING** with a downward arrow indicating the slope direction.
- Bottom Section:** Labeled **CONCRETE**.
- Overall Width:** The total width of the concrete area is marked as **5' MIN.** at the bottom.
- Reference:** A label **REF. PLAN** is shown at the bottom center.

DIE OUT CURB RAMP

SEE BREAK AWAY CHANNEL
— POST WHEN PIPE BOLLARD
IS NOT REQUIRED.



11600 Broadway Extension
Suite 300
Oklahoma City, OK 73114
olsson.com
TEL 405.242.6600
FAX 405.242.6601
Olsson - Engineering
Oklahoma COA #2483

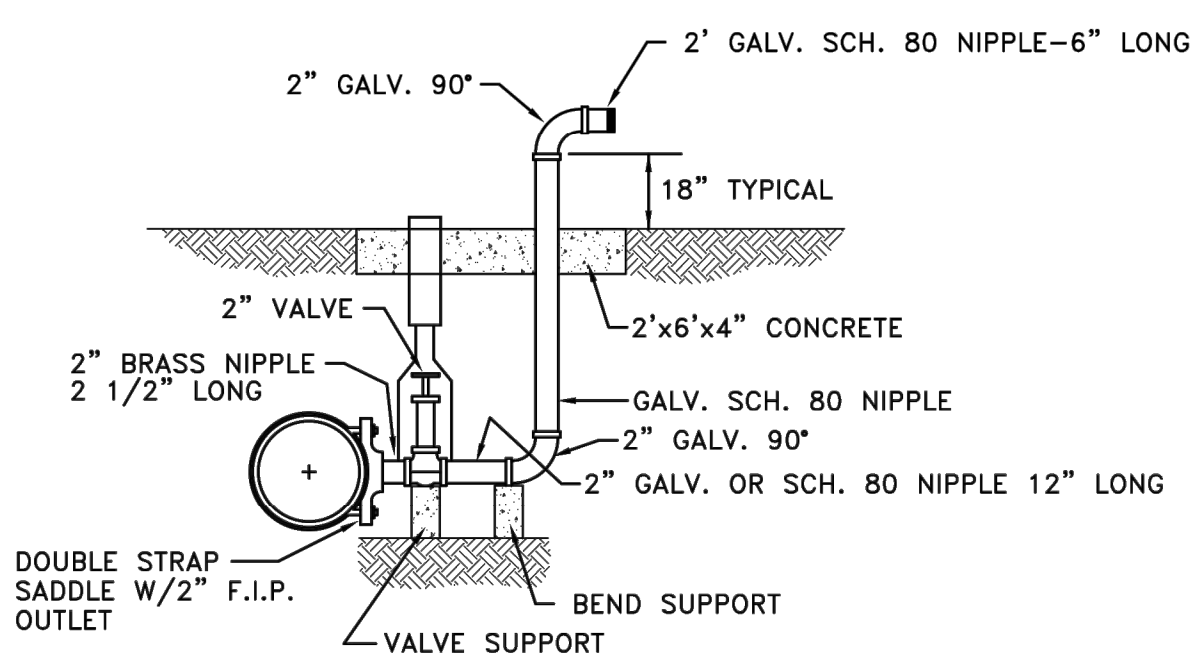
[illegible]

CONSTRUCTION DETAILS	BRAKES PLUS SW CORNER OF LONNIE ABBOT BLVD AND N TEXAS AVE	00004
----------------------	---	-------

drawn by: _____
checked by: _____
designed by: _____
QA/QC by: _____
project no.: _____ 024-0247 _____
date: _____ 11.04.202 _____

SHEET
C4.0

F:\2024\02001-02500\024-02476\40-Design\AutoCAD\Final Plans\Sheets\SDN\C_DTL01_02402476.dwg
DATE: Nov 01, 2024 3:54pm USER: lqgqoux



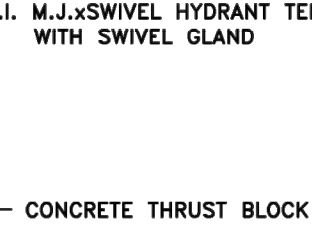
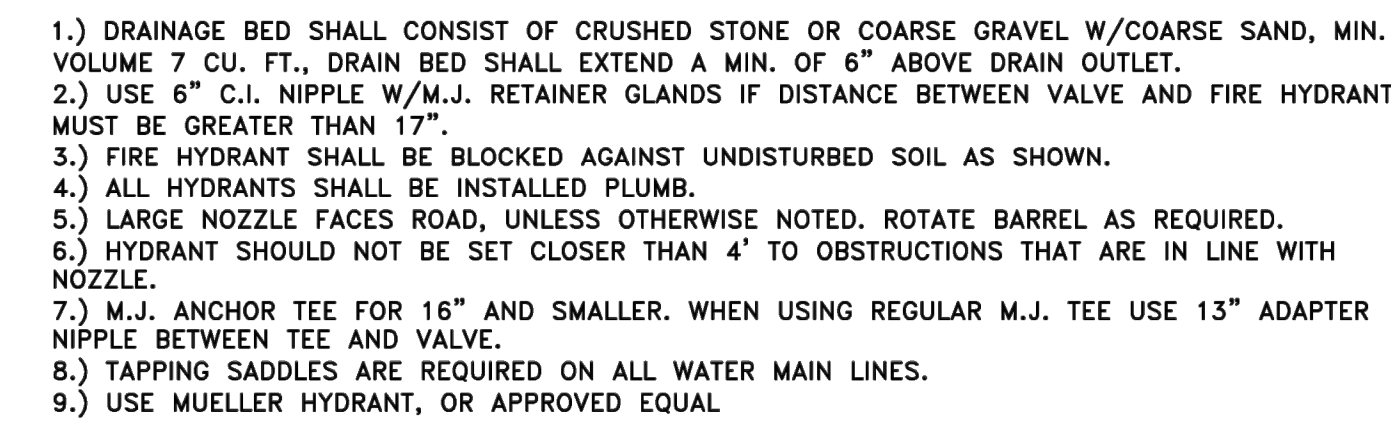
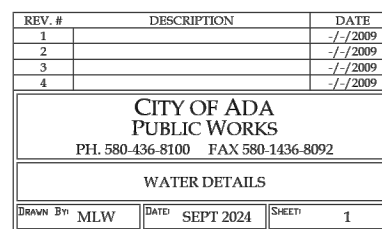
1. ADJUSTABLE VALVE BOXES SHALL BE INSTALLED ON ALL B.O. VALVES.

N.T.S.

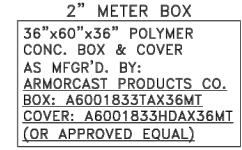
NOTES:

1. GALV. SADDLES, STRAPS & BOLTS SHALL BE TAR COATED.
2. WHEN TAPPING MAIN, USE 1-7/8" BIT.
3. TAPPED TEES MAY BE USED ON CONNECTION TO NEW MAINS WHEN APPROVED BY OWNER.
4. ADJUSTABLE VALVE BOXES SHALL BE INSTALLED ON ALL B.O. VALVES.

N.T.S.



N.T.S.



NOTES

GENERAL NOTES:

1. CONTRACTOR SHALL CONSTRUCT AND INSTALL ALL EQUIPMENT FOR THE CONCRETE METER VAULT AND APPURTENANCES IN ACCORDANCE WITH CITY STANDARDS AND ACCEPTANCE BY THE CITY OF ADA.
2. CONCRETE TO BE 3,000 PSI MINIMUM.
3. PROVIDE SUMP PUMP AND ELECTRICAL SERVICE INSTEAD OF PVC DRAIN IN CIRCUMSTANCES WHERE UNABLE TO GRAVITY DRAIN VAULT.
4. BYPASS LINE MAY NOT BE REQUIRED DEPENDING ON APPLICATION IN ACCORDANCE WITH LATEST FIRE OR PLUMBING CODES.

GENERAL NOTE:

- CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, APPURTENANCES, AND METER BOXES TO THE CITY OF ADA PUBLIC WORKS FOR INSPECTION AND INSTALLATION IN ACCORDANCE WITH CITY STANDARDS AND ACCEPTANCE BY THE CITY OF ADA. PRIOR TO CONSTRUCTION OF ANY SERVICE, THE CITY OF ADA LINE MAINTENANCE SUPERVISOR, OR HIS SUPERVISOR, MUST BE NOTIFIED. THE CITY OF ADA WILL MAKE ALL UTILITY CONNECTIONS TO EXISTING PUBLIC UTILITIES AND SHALL INSPECT ALL UTILITY CONNECTIONS TO PRIVATE MAINLINES. THE LINE MAINTENANCE SUPERVISOR MAY REQUIRE ANY UNAUTHORIZED UTILITY CONNECTIONS TO BE EXCAVATED FOR INSPECTION.

CITY OF ADA
City of Ada-Engineering Dept
Ph: 500-435-5300x555

BRAKES PLUS
SW CORNER OF LONNIE ABBOT BLVD AND N TEXAS AVE

ADA, OK

2024

Y

REVISIONS DESCRIPTION

DATE _____

REVISIONS

11600 Broadway Extension
Suite 300
Oklahoma City, OK 73114
olsson.com
TEL 405.242.6600
FAX 405.242.6601
Olsson - Engineering
Oklahoma COA #2483

olsen®

11600 Broadway Extension
Suite 300
Oklahoma City, OK 73114

olsson.com
TEL 405.242.6600
FAX 405.242.6601

Olsson - Engineering
Oklahoma COA #2483

Professional Engineer Seal for Scott C. Darr, License No. 29208, State of Oklahoma.

Y

REVISIONS DESCRIPTION

DATE _____

REVISIONS

2024

ADA, OK

SHEET
C4.1

