

[illegible][illegible][illegible]

BLDC-202X-XXXXXX

BUILDING ADDRESS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OK 73112

- ☐ **FPAT REQUIRED**
- ☐ **EASEMENT(S) REQUIRED**
- ☐ **DRIVEWAY WIDTH APPROVAL**
- ☐ **STORM SEWER TAP PERMITS**
- ☐ **REVOCABLE PERMITS**

(PROJECT NO. _____)

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

M:\Projects\BRP\BRP24001\04-Production\Engineering\Sheets\BRP24001-GN1.dwg, 7/9/2024 8:57:23 AM, Jene Wick

GENERAL NOTES:

1. THE TERM MUNICIPALITY REFERS TO THE OKLAHOMA CITY.
2. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE MUNICIPALITY AND SHALL BE IN ACCORDANCE WITH THE MUNICIPAL STANDARD DETAILS AND SPECIFICATIONS FOR CONSTRUCTION. ALL WORK NOT COVERED IN THE CONTRACT DOCUMENTS AND MUNICIPAL STANDARD DETAILS AND SPECIFICATIONS FOR CONSTRUCTION SHALL BE GOVERNED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENT STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. EXISTING UTILITY LOCATIONS SHOWN ARE GENERALLY SCHEMATIC IN NATURE AND MAY NOT ACCURATELY REFLECT THE SIZE AND LOCATION OF EACH PARTICULAR UTILITY. EXISTING UTILITIES SHOWN HAVE BEEN BASED ON AVAILABLE RECORD DRAWINGS AND SURFACE APPURTENANCE FIELD TIES ONLY. SOME UTILITY LINES AND SURFACE LOCATIONS MAY NOT BE SHOWN. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ACTUAL FIELD LOCATIONS AND PROTECTION OF EXISTING UTILITIES WHETHER SHOWN OR NOT. THE CONTRACTOR SHALL ALSO ASSUME RESPONSIBILITY FOR REPAIRS TO EXISTING UTILITIES WHETHER SHOWN OR NOT, DAMAGED BY THE CONTRACTOR'S ACTIVITIES. DIFFERENCES IN HORIZONTAL OR VERTICAL LOCATIONS OF EXISTING UTILITIES SHALL NOT BE BASIS FOR ADDITIONAL COMPENSATIONS TO THE CONTRACTOR.
4. THE CONTRACTOR SHALL PROTECT EXISTING PROPERTY MONUMENTATION AND PRIMARY CONTROL. ANY SUCH POINTS WHICH THE CONTRACTOR BELIEVES WILL BE DESTROYED SHALL HAVE OFFSET POINTS ESTABLISHED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY MONUMENTATION DESTROYED BY THE CONTRACTOR SHALL BE REESTABLISHED AT CONTRACTORS EXPENSE BY A REGISTERED PROFESSIONAL LAND SURVEYOR.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO: A.) PREVENT ANY DAMAGES TO PRIVATE PROPERTY AND PROPERTY OWNER'S POLES, FENCES, SHRUBS, ETC. B.) PROTECT ALL UNDERGROUND UTILITIES. C.) NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO EXCAVATION IN ACCORDANCE WITH TEXAS LAW. D.) FIELD VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES IN THE VICINITY OF CONSTRUCTION ACTIVITIES PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY ENGINEER OF ANY UNIDENTIFIED POTENTIAL CONFLICTS THAT MAY EXIST BETWEEN THE EXISTING UTILITIES AND CONSTRUCTION PLANS.
6. ANY DAMAGES THAT MAY OCCUR TO REAL PROPERTY OR EXISTING IMPROVEMENTS, INCLUDING EXISTING PRIVATE AND PUBLIC LANDSCAPE IRRIGATION SYSTEMS, SHALL BE RESTORED BY THE CONTRACTOR TO AT LEAST THE SAME CONDITION THAT THE REAL PROPERTY OR EXISTING IMPROVEMENT WERE IN PRIOR TO THE DAMAGES. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR THE ADJUSTMENT OF SPRINKLER HEADS TO FINAL GRADE AND RELOCATION IF NECESSARY.
7. THE CONTRACTOR SHALL MAINTAIN DRAINAGE AT ALL TIMES DURING CONSTRUCTION. THE PONDING OF WATER IN STREETS, DRIVES, TRENCHES, ETC, WILL NOT BE ALLOWED. THE CONTRACTOR SHALL MAINTAIN EXISTING DRIVEWAYS ACCESS AT ALL TIME.
8. THE CONTRACTOR SHALL MAINTAIN EXISTING SANITARY SEWER AND WATER SERVICES AT ALL TIMES DURING CONSTRUCTION.
9. AREAS OF THE SITE THAT WILL UNDERLIE FILL SHALL BE SCARIFIED TO A DEPTH OF 8 INCHES, FILL SHALL BE PLACED IN LOOSE LIFTS NOT EXCEEDING 8 INCHES IN UNCOMPACTED THICKNESS. ALL FILL MATERIAL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY WITH A MOISTURE CONTENT FROM -3% TO +1% OF OPTIMUM OR PER GEOTECH RECOMMENDATION. FIELD DENSITY TESTS PER MUNICIPAL REQUIREMENTS.
10. THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS GOVERNING EXCAVATION. THE CONTRACTOR SHALL PROVIDE DETAILED PLANS AND SPECIFICATION FOR TRENCH SAFETY SYSTEMS THAT COMPLY WITH APPLICABLE LAWS GOVERNING EXCAVATION. THESE PLANS SHALL BE SEALED BY AN ENGINEER EXPERIENCED IN THE DESIGN OF TRENCH SAFETY SYSTEM, REGISTERED IN THE STATE OF TEXAS. THE CONTRACTOR SHALL SUBMIT COMPLETED TRENCH SAFETY PLANS TO THE MUNICIPALITY PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL ASPECTS OF WORK RELATED TO EXCAVATION. ALL EXCAVATIONS, TRENCHING AND SHORING OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE U.S. DEPARTMENT OF LABOR, OSHA, "CONSTRUCTION SAFETY AND HEALTH REGULATIONS".
11. WORK MAY NOT BE BACKFILLED OR COVERED UNTIL IT HAS BEEN INSPECTED BY THE MUNICIPALITY.
12. ALL EXCAVATION ON THE PROJECT IS UNCLASSIFIED.
13. ALL CURB AND GUTTER SHALL BE INTEGRAL WITH THE CONCRETE PAVEMENT.
14. CONTRACTOR SHALL COORDINATE THE PROTECTION OF EXISTING FRANCHISE UTILITIES AND APPURTENANCES INCLUDING EXISTING UTILITY POLES IN THE VICINITY OF CONSTRUCTION OPERATIONS WHETHER UTILITIES ARE SHOWN ON PLANS OR NOT. ANY DAMAGE INCURRED TO EXISTING FRANCHISE UTILITIES, APPURTENANCES, UTILITY POLES, LIGHT STANDARDS, ETC., BY CONSTRUCTION RELATED ACTIVITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
15. THE CONTRACTOR SHALL LOCATE AND RECORD EXISTING IRRIGATION SYSTEMS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL TEMPORARILY REMOVE AND CAP IRRIGATION SYSTEM AS NECESSARY FOR CONSTRUCTION AND SHALL REPLACE THE PORTION REMOVED WITH EQUIVALENT SYSTEMS. CONTRACTOR SHALL COORDINATE ANY IRRIGATION WORK WITH THE MUNICIPALITY AND PROPERTY OWNER'S REPRESENTATIVES.
16. THE CONTRACTOR MUST CEASE ALL CONSTRUCTION OPERATIONS IMMEDIATELY IF A SUSPECTED ARCHEOLOGICAL OBJECT/ARTIFACT IS UNCOVERED DURING CONSTRUCTION. THE CONTRACTOR MUST IMMEDIATELY CONTACT THE TEXAS HISTORICAL COMMISSION AND THE MUNICIPALITY. PROJECT WORK WILL NOT COMMENCE UNTIL PROPER PERMITS ARE IN PLACE AND PROVIDED TO THE MUNICIPALITY.
17. ALL PAVING DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
18. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE COMPLIANCE WITH ALL HANDICAPPED ACCESSIBILITY REQUIREMENTS INCLUDING SIGNAGE, TEXTURES, COLORING, MARKINGS, AND SLOPES OF ADA/TAS 2012 ACCESSIBLE ROUTES & RAMPS, AND PARKING SPACES.
19. ALL PIPE LENGTHS MEASURED FROM STATION TO STATION BASED ON THE CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.
20. CONTRACTOR SHALL NOTIFY ENGINEER IF ANY DISCREPANCIES ARISE.

21. THE TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) MUST APPROVE ANY WORK TO BE DONE IN THE STATE HIGHWAY RIGHT-OF-WAY. AN APPLICATION AND APPROPRIATE PLANS MUST BE SUBMITTED DIRECTLY TO TXDOT FOR REVIEW AND APPROVED BY THE MUNICIPALITY WHERE THE WORK WILL BE PERFORMED.
22. THE LOCATION OF UNDERGROUND FACILITIES INDICATED ON THE PLANS IS TAKEN FROM PUBLIC RECORDS. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAKE ARRANGEMENTS WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES PRIOR TO WORKING IN THE AREA TO CONFIRM THEIR EXACT LOCATION AND TO DETERMINE WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL UNDERGROUND FACILITIES. IF THE EXISTING UNDERGROUND UTILITIES ARE DAMAGED, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF REPAIRING THE UTILITY.
23. WHERE EXISTING UTILITIES, SERVICE LINES OR IRRIGATION LINES ARE CUT, BROKEN OR DAMAGED, THE CONTRACTOR SHALL REPLACE OR REPAIR THE UTILITIES, SERVICE LINES OR IRRIGATION LINES WITH THE SAME TYPE OF ORIGINAL MATERIAL AND CONSTRUCTION, OR BETTER, UNLESS OTHERWISE SHOWN OR NOTED ON THE PLANS, AT HIS OWN COST AND EXPENSE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AT ONCE OF ANY CONFLICTS IN GRADES AND ALIGNMENTS.
24. ALL EXCAVATIONS, TRENCHING AND SHORING OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE U.S. DEPARTMENT OF LABOR, OSHA, "CONST. SAFETY AND HEALTH REGULATIONS." VOL. 29, SUBPART P. PG. 128-137, AND ANY AMENDMENTS THERETO. THE CONTRACTOR SHALL PREPARE AND IMPLEMENT A TRENCH SAFETY PLAN FOR THIS PROJECT.
25. THE CONTRACTOR SHALL RESTORE ALL AREAS, ONSITE AND OFFSITE, DISTURBED BY CONSTRUCTION TO ORIGINAL CONDITION OR BETTER. RESTORED AREAS INCLUDE, BUT ARE NOT LIMITED TO: TRENCH BACKFILL, SIDE SLOPES, FENCES, CULVERT PIPES, DRAINAGE SWALES, STAGING AREAS, DRIVEWAYS, PRIVATE YARDS AND ROADWAYS. UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE DRAWINGS, RESTORATION SHALL INCLUDE HYDROMULCHING ALL DISTURBED AREAS WITH A SLOPE OF LESS THAN 20% (1:5) AND SODDING AREAS WITH A SLOPE OF 20% (1:5) OR GREATER. ESTABLISHMENT OF GRASS THROUGH PROPER WATERING IS LEFT UP TO THE CONTRACT'S MEANS AND METHODS, UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE/IRRIGATION DRAWINGS.
26. THE CONTRACTOR SHALL KEEP RECORDS FOR AS-BUILTS DRAWINGS AND SHALL SUBMIT MARK-UPS TO THE MUNICIPALITY INSPECTOR PRIOR TO SCHEDULING A FINAL WALK THROUGH INSPECTION.
27. PRIOR TO CONSTRUCTION, A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH REPRESENTATIVES FROM ALL CONTRACTORS, THE ENGINEER, AND THE MUNICIPALITY.
28. ALL CONSTRUCTION MUST ADHERE TO THE TREE PRESERVATION REQUIREMENTS OF THE MUNICIPALITY.
29. THE CONTRACTOR, AND HIS AGENTS, AND SUB-CONTRACTOR, ARE COMPLETELY RESPONSIBLE FOR THE VERIFICATION OF THE ACCURACY OF THE DIMENSION CONTROL FURNISHED HEREIN. THE OWNER, ENGINEER AND THEIR AGENTS, ARE NOT RESPONSIBLE FOR THE ACCURACY OF THE COORDINATES FURNISHED. THE CONTRACTOR IS REQUIRED TO VERIFY ALL COORDINATES FOR ACCURACY AND CONFIRM THE LOCATIONS OF ALL UTILITIES TO BE CONSTRUCTED, BOTH HORIZONTAL AND VERTICALLY. DISCREPANCIES FOUND BY THE CONTRACTOR SHALL BE REPORTED, IN WRITING, TO THE OWNER IMMEDIATELY FOR RECONCILIATION.
30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION OF STORM WATER POLLUTION PREVENTION PLAN (SWPPP) REQUIRED FOR THIS PROJECT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL PREPARE, IMPLEMENT AND MAINTAIN THE SWPPP IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT TCEQ AND NPDES GENERAL PERMIT AS DESCRIBED IN THE FEDERAL REGISTER, PAGES 36489 THROUGH 36519.

GENERAL NOTES FOR WATER IMPROVEMENTS

1. ALL WATER LINES SHALL BE PVC PIPE CONFORMING TO A.W.W.A. STANDARD C-900 DR-18 MINIMUM, WITH NSF SEAL, PRESSURE TESTED AND DISINFECTED IN ACCORDANCE WITH MUNICIPAL AND/OR NCTCOG STD. SPECS., UNLESS OTHERWISE NOTED WITHIN THE CONSTRUCTION PLANS.

GENERAL NOTES FOR PAVING IMPROVEMENTS

1. THE SUB GRADE SHALL BE PROOF ROLLED AND OBSERVED BY THE CONSTRUCTION INSPECTOR PRIOR TO AND AFTER SUB-GRADE STABILIZATION.
2. INDIVIDUAL WATER AND SEWER SERVICES AND WATER VALVES SHALL BE MARKED IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS.
3. THE CONTRACTOR SHALL PROCEED WITH PAVING NO MORE THAN SEVENTY-TWO (72) HOURS AFTER DENSITY/MOISTURE TESTS HAVE BEEN TAKEN AND PASSED BY A REGISTERED TESTING FIRM. COPIES OF THE TEST RESULTS SHALL BE FURNISHED TO THE MUNICIPALITY. IN THE EVENT PAVING OPERATIONS HAVE NOT COMMENCED WITHIN THE SEVENTY-TWO (72) HOUR LIMIT, A RETEST SHALL BE REQUIRED AT THE CONTRACTOR'S EXPENSE.
4. MANHOLE RIM ELEVATIONS, CLEAN-OUTS, VALVE BOXES, FIRE HYDRANTS, ETC. SHALL BE ADJUSTED TO FINISHED GRADE BY THE PAVING CONTRACTOR AT THE TIME OF PAVING.
5. THE PAVING CONTRACTOR SHALL INSTALL A BLUE REFLECTOR IN THE STREET OR FIRE LANE CENTERLINE AT THE LOCATION OF EACH FIRE HYDRANT.
6. THE CONTRACTOR SHALL PREPARE ALL TRAFFIC CONTROL PLANS AND SUBMIT TO THE MUNICIPALITY PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMITS FOR WORK WITHIN THE MUNICIPALITY. THE PLAN SHALL BE PREPARED IN ACCORDANCE WITH THE CURRENT EDITION OF THE M.U.T.C.D AND AS MODIFIED BY THE TXDOT SUPPLEMENT TO THE M.U.T.C.D. THE PLAN SHALL ADDRESS THE REQUIREMENTS FOR ALL SIGNS, BARRICADES, FLAGMEN, LIGHTS, HOURS OF CONSTRUCTION, AND OTHER DEVICES AS NECESSARY FOR SAFE TRAFFIC CONTROL.

GENERAL NOTES FOR SANITARY SEWER IMPROVEMENTS

1. SANITARY SEWER PVC PIPE SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS.
2. AFTER COMPLETION OF ALL SANITARY SEWER TESTING (I.E. MANDREL AND AIR) CONTRACTOR SHALL PERFORM A TELEVISION INSPECTION AND PROVIDE A VIDEOTAPE TO THE MUNICIPALITY. ALL MANHOLES SHALL BE

- VACUUM TESTED.
- ONE JOINT OF 150-PSI PRESSURE RATED PIPE SHALL BE INSTALLED AND CENTERED UNDER ALL PROPOSED WATER PIPE CROSSINGS.
- CONTRACTOR TO PLACE A 3/4" PLYWOOD FALSE BOTTOM IN ALL SANITARY SEWER MANHOLES BEFORE PAVING CONTRACTOR BEGINS WORK.
- ANY CONNECTION TIE-IN TO AN EXISTING MANHOLE MUST BE CORED.
- ALL CLEAN-OUTS TO BE PROVIDED PER MUNICIPAL REQUIREMENTS.

AMERICAN WITH DISABILITIES ACT REQUIREMENTS

1. THE MAXIMUM ALLOWED CROSS SLOPE ON ANY PROPOSED SIDEWALK OR TRAIL IS 2%.
2. THE MAXIMUM ALLOWED PATH OF TRAVEL SLOPE IS 5%, UNLESS OTHERWISE NOTED ON THESE PLANS. ANY SLOPE GREATER THEN 5%, AND LESS THAN 8.25%, MUST HAVE HANDRAILS. NO SLOPE GREATER THAN 8.25% SHALL BE ALLOWED.
3. SLOPES BETWEEN 5% AND 8.25% ARE CONSIDERED RAMPS. NO RAMP CAN EXCEED 30' IN LENGTH AND NO RAMP CAN EXCEED A GRADE CHANGE OF MORE THAN 2'-6". LANDINGS ARE REQUIRED IF EITHER OF THESE ARE EXCEEDED.
4. LANDINGS MAY NOT EXCEED 2% SLOPE IN ANY DIRECTION.
5. RAILINGS, IF REQUIRED, ARE TO EXTEND A MINIMUM OF 1' INTO THE LANDING AREA.
6. CURB RAMPS ARE REQUIRED AT THE END AT ALL CROSSWALKS. ALL CURB RAMPS ARE TO HAVE A MAXIMUM OF 6" OF RISE OVER THE 6' LENGTH OF THE RAMP. THE MAXIMUM ALLOWED CROSS SLOPE IS 2%.
7. TRUNCATED DOMES ARE TO BE INSTALLED AT THE BOTTOM OF EACH RAMP. THE DOMES ARE TO EXTEND THE FULL WIDTH OF THE PROPOSED RAMP AND MUST BE OF A CONTRASTING COLOR TO THE RAMP PAVEMENT, SIMILAR COLORS WILL NOT BE ACCEPTED.
8. ANY WALKWAY, SIDEWALK OR TRAIL, LESS THAN 5' IN WIDTH MUST HAVE A 5'X5' PASSING ZONE EVERY 200', OR LESS.
9. A PAVED ACCESSIBLE PARKING SPACE MUST INCLUDE:
 - 9.1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY PAINTED CONSPICUOUSLY ON THE SURFACE IN A COLOR THAT CONTRASTS THE PAVEMENT;
 - 9.2. THE WORDS "NO PARKING" PAINTED ON ANY SURFACE AISLE ADJACENT TO THE PARKING SPACE. THE WORDS MUST BE PAINTED:
 - 9.2.1. IN ALL CAPITAL LETTERS
 - 9.2.2. WITH A LETTER HEIGHT OS AT LEAST 12 INCHES AND A STROKE WIDTH OF AT LEAST 2 INCHES; AND
 - 9.2.3. CENTERED WITHIN EACH ACCESS AISLE ADJACENT TO THE PARKING SPACE; AND
 - 9.3. A SIGN IDENTIFYING THE CONSEQUENCES OF PARKING ILLEGALLY IN A PAVED ACCESSIBLE SPACE. THE SIGN MUST:
 - 9.3.1. AT A MINIMUM STATE "VIOLATORS SUBJECT TO FINE AND TOWING" IN A LETTER HEIGHT OF AT LEAST ONE INCH;
 - 9.3.2. BE MOUNTED ON A POLE, POST, WALL OR FREE STANDING BOARD;
 - 9.3.3. BE NO MORE THAT EIGHT INCHES BELOW A SIGN REQUIRED BY THE TEXAS ACCESSIBILITY STANDARDS, 502.6; AND
 - 9.3.4. BE INSTALLED SO THAT THE BOTTOM EDGE OF THE SIGN IS NO LOWER THAN 48 INCHES AND NO HIGHER THAN 80 INCHES ABOVE GROUND LEVEL.



McAdams

The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

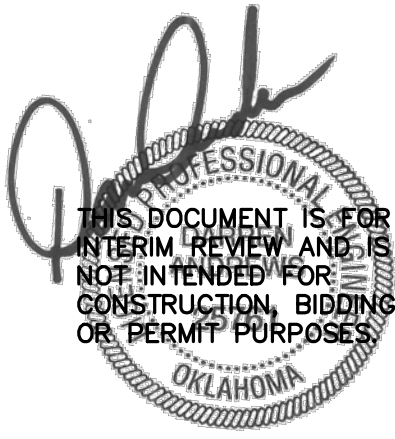
phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRakes PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



05/21/2024

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

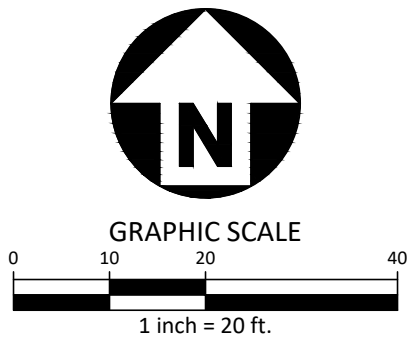
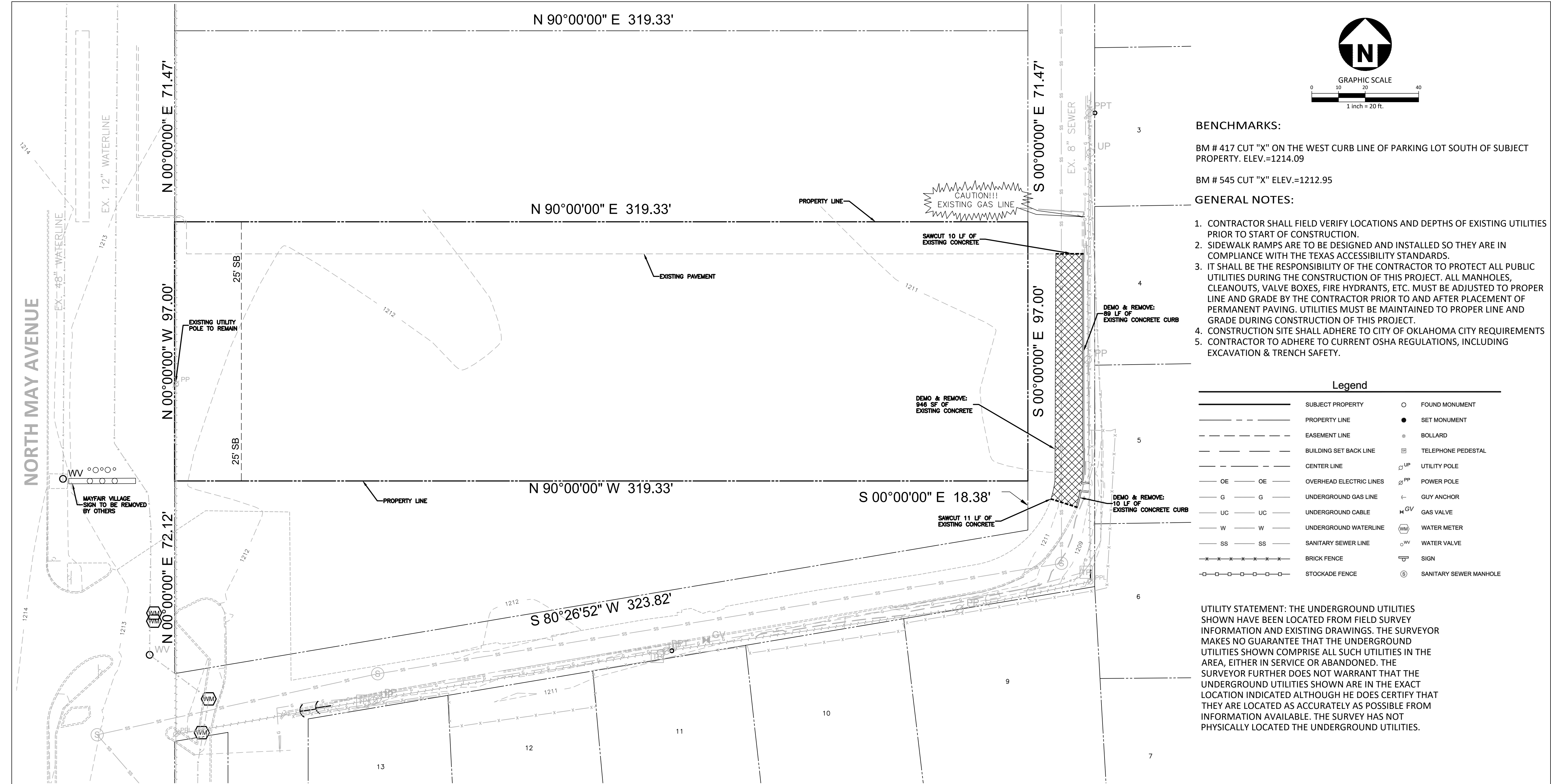
| | |
|-------------|------------------|
| PROJECT NO. | BRP24001 |
| FILENAME | BRP24001-GN1.DWG |
| CHECKED BY | TL |
| DRAWN BY | JW |
| SCALE | N.T.S. |
| DATE | 05/21/2024 |

SHEET

GENERAL NOTES

C1.01

M:\Projects\BRP\BRP24001\04-Production\Engineering\Sheets\BRP24001-EX1.dwg, 7/9/2024 8:57:42 AM, Jane Wick



BENCHMARKS:

BM # 417 CUT "X" ON THE WEST CURB LINE OF PARKING LOT SOUTH OF SUBJECT PROPERTY. ELEV.=1214.09

BM # 545 CUT "X" ELEV.=1212.95

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND DEPTHS OF EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION.
2. SIDEWALK RAMP ARE TO BE DESIGNED AND INSTALLED SO THEY ARE IN COMPLIANCE WITH THE TEXAS ACCESSIBILITY STANDARDS.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PUBLIC UTILITIES DURING THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, ETC. MUST BE ADJUSTED TO PROPER LINE AND GRADE BY THE CONTRACTOR PRIOR TO AND AFTER PLACEMENT OF PERMANENT PAVING. UTILITIES MUST BE MAINTAINED TO PROPER LINE AND GRADE DURING CONSTRUCTION OF THIS PROJECT.
4. CONSTRUCTION SITE SHALL ADHERE TO CITY OF OKLAHOMA CITY REQUIREMENTS
5. CONTRACTOR TO ADHERE TO CURRENT OSHA REGULATIONS, INCLUDING EXCAVATION & TRENCH SAFETY.

Legend

| | | | |
|--|-------------------------|--|------------------------|
| | SUBJECT PROPERTY | | FOUND MONUMENT |
| | PROPERTY LINE | | SET MONUMENT |
| | EASEMENT LINE | | BOLLARD |
| | BUILDING SET BACK LINE | | TELEPHONE PEDESTAL |
| | CENTER LINE | | UTILITY POLE |
| | OVERHEAD ELECTRIC LINES | | POWER POLE |
| | UNDERGROUND GAS LINE | | GUY ANCHOR |
| | UNDERGROUND CABLE | | GAS VALVE |
| | UNDERGROUND WATERLINE | | WATER METER |
| | SANITARY SEWER LINE | | WATER VALVE |
| | BRICK FENCE | | SIGN |
| | STOCKADE FENCE | | SANITARY SEWER MANHOLE |

UTILITY STATEMENT: THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEY HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.



McAdams

The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

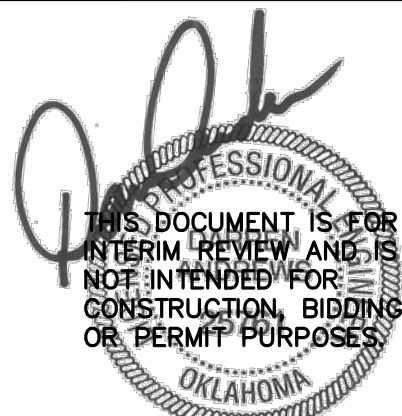
phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



05/21/2024

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

PROJECT NO. BRP24001
FILENAME BRP24001-EX1.DWG
CHECKED BY TL
DRAWN BY JW
SCALE 1"=20'
DATE 05/21/2024

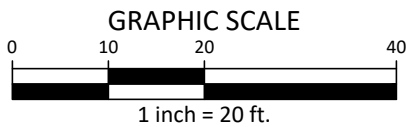
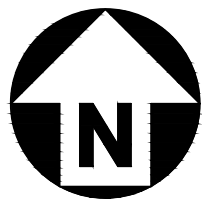
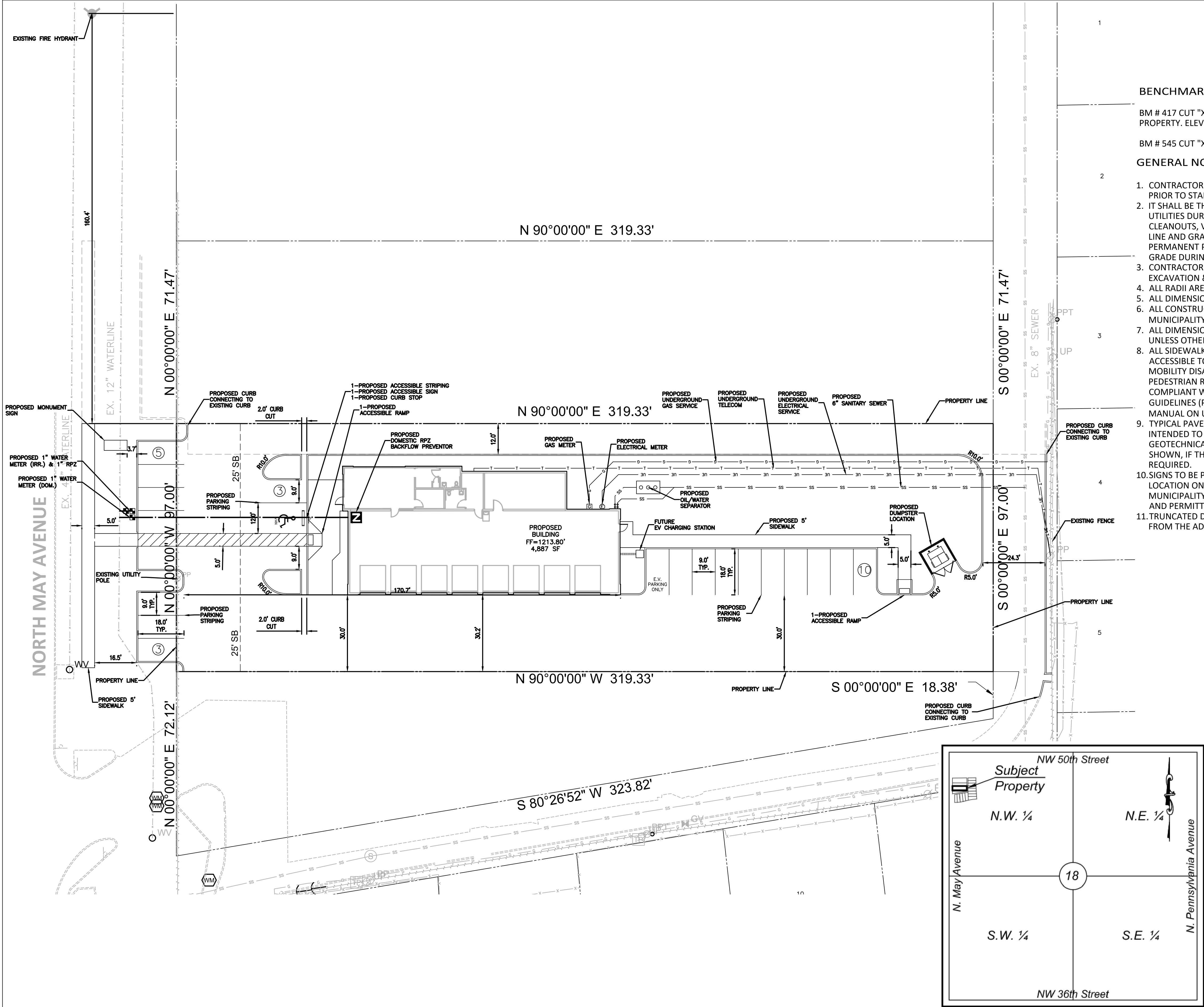
SHEET

**EXISTING CONDITIONS
& DEMOLITION PLAN**

C1.02



\\A\Projects\BRP\BRP24001\04-Production\Engineering\Sheets\BRP24001-S1.dwg, 7/10/2024 9:49:14 AM, Brent Dzwolak



BENCHMARKS:

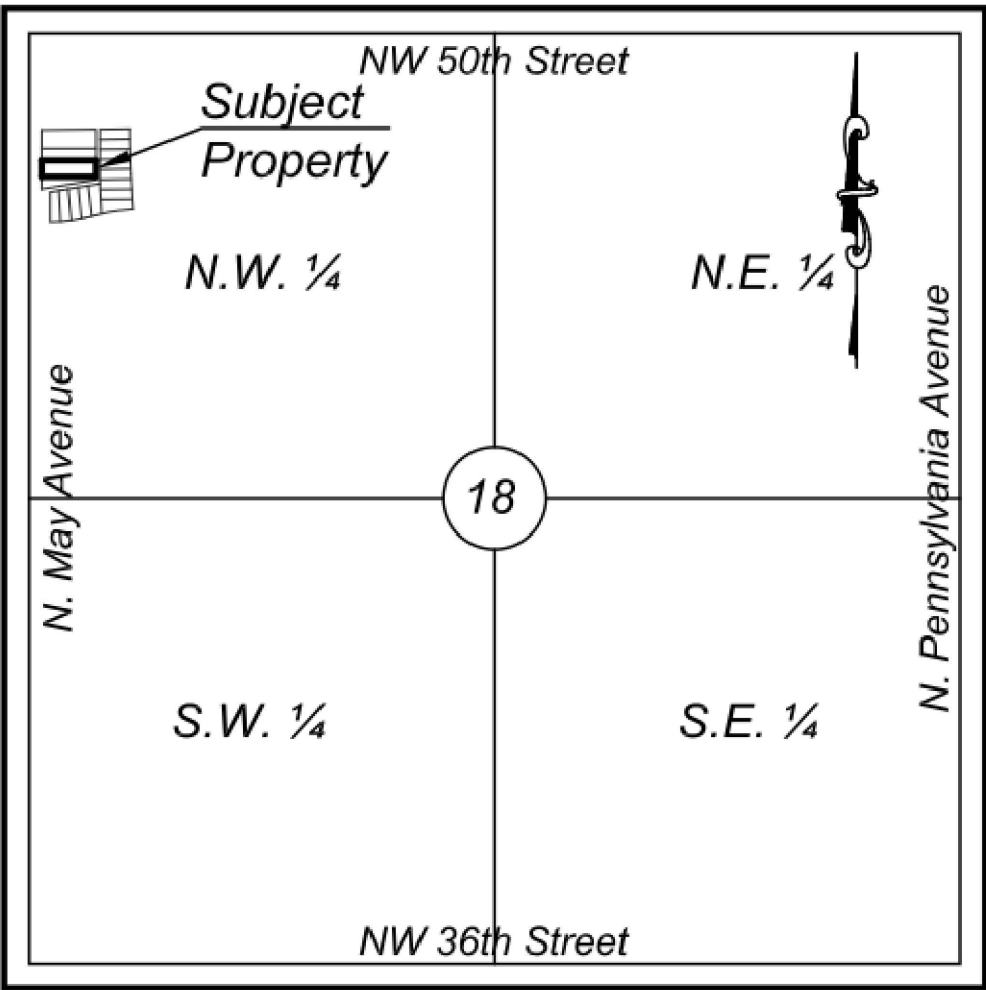
BM # 417 CUT "X" ON THE WEST CURB LINE OF PARKING LOT SOUTH OF SUBJECT PROPERTY. ELEV.=1214.09

BM # 545 CUT "X" ELEV.=1212.95

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND DEPTHS OF EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PUBLIC UTILITIES DURING THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, ETC. MUST BE ADJUSTED TO PROPER LINE AND GRADE BY THE CONTRACTOR PRIOR TO AND AFTER PLACEMENT OF PERMANENT PAVING. UTILITIES MUST BE MAINTAINED TO PROPER LINE AND GRADE DURING CONSTRUCTION OF THIS PROJECT.
3. CONTRACTOR TO ADHERE TO CURRENT OSHA REGULATIONS, INCLUDING EXCAVATION & TRENCH SAFETY.
4. ALL RADII ARE 3' UNLESS OTHERWISE NOTED.
5. ALL DIMENSIONS ARE TO FACE OF CURB.
6. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST LOCAL AND STATE MUNICIPALITY AND/OR ODOT STANDARDS AND SPECIFICATIONS AS APPLICABLE.
7. ALL DIMENSIONS SHOWN ON SITE PLAN ARE MEASURED TO FACE OF CURB UNLESS OTHERWISE NOTED.
8. ALL SIDEWALKS THAT CONNECT TO THE PUBLIC RIGHT-OF-WAY MUST BE ACCESSIBLE TO PERSONS WHO ARE BLIND, HAVE LOW VISION AND PEOPLE WITH MOBILITY DISABILITIES. EXISTING PEDESTRIAN ROUTES AND ALTERNATE PEDESTRIAN ROUTES DURING CONSTRUCTION WILL BE REQUIRED TO BE COMPLIANT WITH THE CURRENT PUBLIC RIGHTS OF WAY ACCESSIBILITY GUIDELINES (PROWAG), ADA STANDARDS FOR ACCESSIBLE DESIGN AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
9. TYPICAL PAVEMENT SECTION DETAILS ARE SHOWN WITHIN THIS PLAN SET AND INTENDED TO BE A MINIMUM PAVEMENT SECTION REQUIREMENT. THE CURRENT GEOTECHNICAL REPORT SHALL OVER-RIDE ALL TYPICAL PAVEMENT SECTIONS SHOWN, IF THE GEOTECHNICAL ENGINEER DEEMS A HEAVIER SECTION IS REQUIRED.
10. SIGNS TO BE PERMITTED BY SIGN COMPANY. SIGNS SHOWN FOR GENERAL LOCATION ONLY. SEPARATE APPROVALS, AND PERMITS MAY BE REQUIRED BY MUNICIPALITY. SIGN PLACEMENT, MATERIALS, ELEVATIONS, ELECTRICAL, DESIGN AND PERMITTING BY OTHERS.
11. TRUNCATED DOMES ABUTTING PAVEMENT SHALL BE A CONTRASTING COLOR FROM THE ADJACENT PAVEMENT.

| SITE DATA TABLE | |
|--|----------------------|
| JURISDICTION | |
| CITY OF OKLAHOMA | |
| ZONING | |
| C-3 COMMUNITY COMMERCIAL GENERAL | |
| REQUIRED BUILDING SETBACKS | |
| FRONT (W) | 25 FT |
| REAR (E) | 0 FT |
| SIDE (N) | 0 FT |
| SIDE (S) | 0 FT |
| SITE ACREAGE | |
| BREAKS PLUS | 30,975 SF / 0.711 AC |
| FLOOR AREA RATIO | |
| BREAKS PLUS BUILDING | 4,887 SF / 0.112 AC |
| IMPERVIOUS SURFACE RATIO | |
| SITE TOTAL SQUARE FOOTAGE | 30,975 SF |
| BUILDING COVERAGE | 4,887 SF / 15.77% |
| IMPERVIOUS AREA | 19,764 SF / 63.82% |
| PERVIOUS AREA | 6,324 SF / 20.41% |
| PARKING | |
| REQUIRED PARKING (1 SPACE PER 500 GFA) | 10 SPACES |
| REQUIRED ACCESSIBLE SPACES | 1 SPACE |
| PROVIDED STANDARD SPACES | 20 SPACES |
| PROVIDED ACCESSIBLE SPACES | 1 SPACE |



Vicinity Map
Section 18, Township 12N, Range 3W
Not To Scale



McAdams

The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

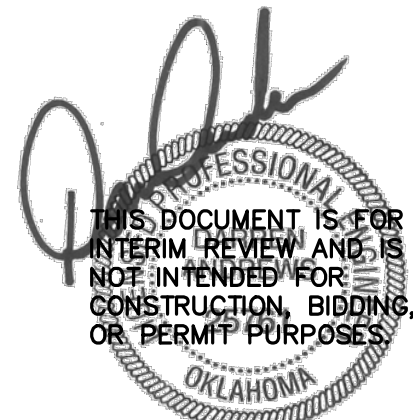
phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTH PARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



05/21/2024

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

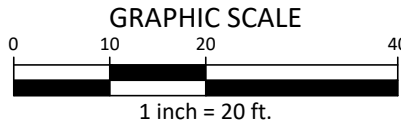
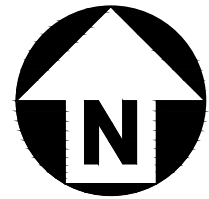
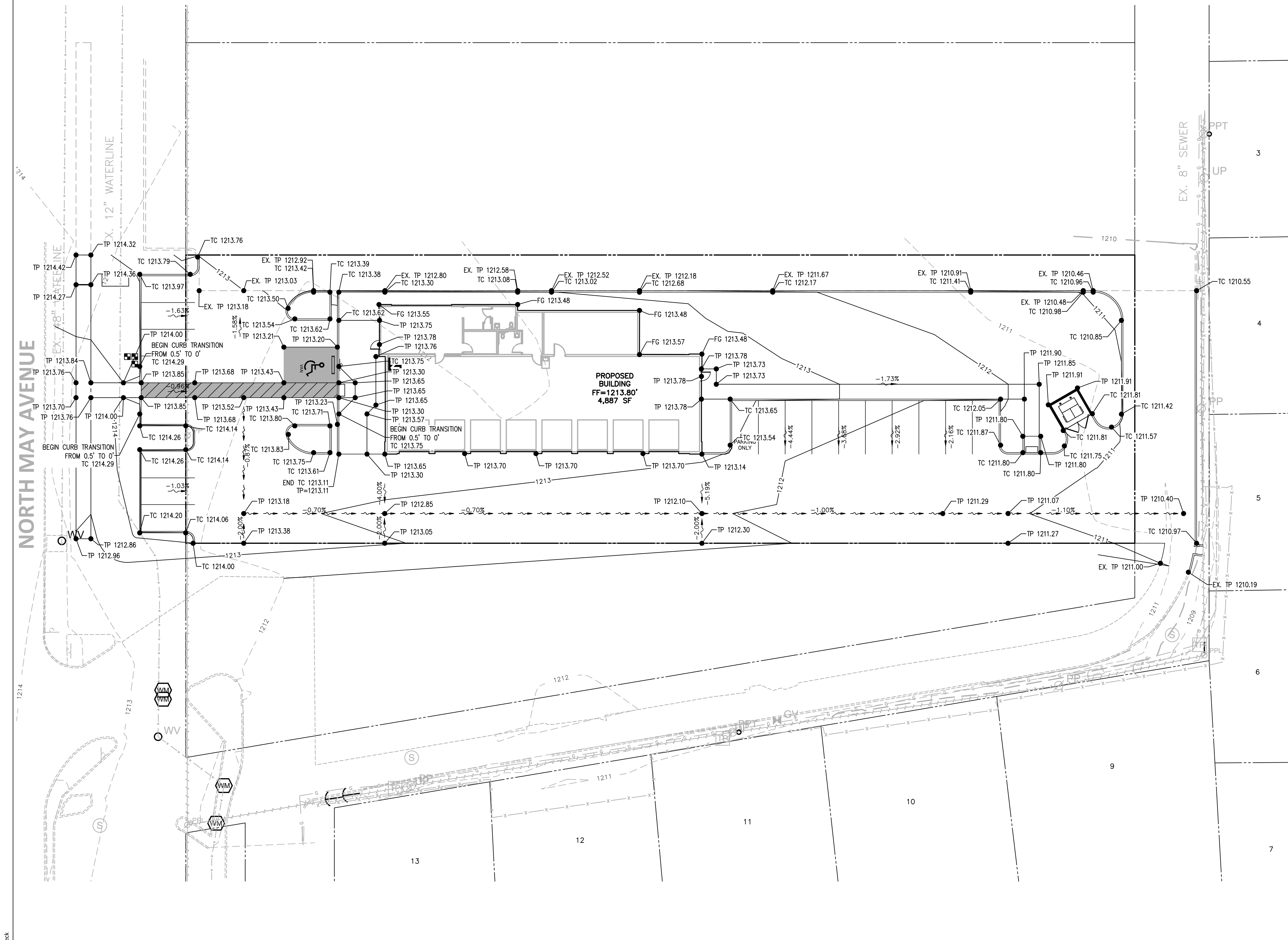
PROJECT NO. BRP24001
FILENAME BRP24001-S1.DWG
CHECKED BY TL
DRAWN BY JW
SCALE 1"=20'
DATE 05/21/2024

SHEET

SITE PLAN

C2.00

M:\Projects\BRP\BRP24001\DA Production\Engineering\Sheets\BRP24001-G1.dwg, 7/9/2024, 8:58:04 AM, Jack Wink



BENCHMARKS:

BM # 417 CUT "X" ON THE WEST CURB LINE OF PARKING LOT SOUTH OF SUBJECT PROPERTY. ELEV.=1214.09

BM # 545 CUT "X" ELEV.=1212.95

GENERAL GRADING NOTES:

1. CONTRACTOR SHALL REFER TO THE STORMWATER POLLUTION PREVENTION PLAN AND DETAILS FOR CONSTRUCTION SCHEDULING AND EROSION CONTROL MEASURES TO BE INSTALLED PRIOR TO EARTHMOVING ACTIVITIES.
2. TOPSOIL SHALL BE STRIPPED FROM ALL AREAS TO RECEIVE PAVING AND FROM WITHIN THE LIMITS OF PROPOSED BUILDINGS AND STRUCTURES. TOPSOIL SHALL BE STRIPPED TO THE DEPTH AS NOTED IN THE GEOTECHNICAL REPORT.
3. AFTER STRIPPING TOPSOIL, PROOFROLL AREAS TO BE FILLED WITH A MEDIUM WEIGHT ROLLER TO DETERMINE LOCATIONS OF ANY POCKETS OF UNSUITABLE MATERIAL. RECOMMENDATIONS FOR DRYING, AMENDING AND/OR REMOVAL OF ANY UNSUITABLE MATERIAL WITHIN THE PROPOSED PAVED AND/OR BUILDING AREAS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION BY THE OWNER'S GEOTECHNICAL TESTING REPRESENTATIVE.
4. TOPSOIL SHALL BE PLACED IN MOUNDING AREAS, NONSTRUCTURAL FILL AND/OR PLANTING AREAS TO A MINIMUM DEPTH OF 6". EXCESS TOPSOIL SHALL BE REMOVED FROM THE SITE.
5. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS. REFER TO GEOTECHNICAL REPORT AND/OR CONSULT WITH OWNER'S GEOTECHNICAL TESTING REPRESENTATIVE FOR RECOMMENDATIONS.
6. FILL MATERIAL SHALL CONSIST OF EARTH OBTAINED FROM CUT AREAS, BORROW PITS OR OTHER APPROVED SOURCES. EARTH SHALL BE FREE FROM ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES AND LARGE ROCKS. THE FILL MATERIAL SHALL BE PLACED IN LAYERS NOT TO EXCEED SIX INCHES FOLLOWING COMPACTION, PROPER MOISTURE CONTENT OF FILL MATERIAL WILL BE SUCH TO ACHIEVE SPECIFIED COMPACTION DENSITY. ALL FILL BENEATH PAVED AREAS, FLOOR SLABS AND FUTURE BUILDINGS SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY PER ASTM D-1557. FIELD COMPACTION TEST SHALL BE RUN ON EACH LIFT, K IN FILL SECTIONS, AND THE REQUIRED COMPACTION ON EACH LIFT SHALL BE IN ACCORDANCE WITH ARDOT.
7. MAXIMUM LAWN SLOPE IS 3:1.
8. THE PLANS SHOW THE LOCATION OF ALL KNOWN UTILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION ACCORDING TO INFORMATION PROVIDED BY THE VARIOUS UTILITY COMPANIES, PREVIOUS CONSTRUCTION PLANS AND AS EVIDENCED BY OBSERVATION OF ABOVE GROUND CONDITIONS BY THE SURVEYOR. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED.
9. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE MAINS, CONDUITS, SERVICE LINES, ETC. WITHIN THE CONSTRUCTION LIMITS. THE LOCATION AND PROTECTION OF UTILITY STRUCTURES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY COMPANY) IS THE EXPRESSED RESPONSIBILITY OF THE CONTRACTOR..
10. ALL GRADES AT BOUNDARY SHALL MEET EXISTING. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE. BUTT JOINTS SHALL BE PROVIDED AT TRANSITIONAL AREAS BETWEEN PROPOSED AND EXISTING PAVEMENT.
11. ANY PART OF SANITARY OR STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVEMENT TO BE BACKFILLED WITH GRANULAR MATERIAL.
12. ALL CONSTRUCTION ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH O.S.H.A. STANDARDS FOR WORKER SAFETY.
13. THE CONTRACTOR SHALL CONFIRM ALL EARTHWORK QUANTITIES PRIOR TO THE START OF CONSTRUCTION. IF AN EXCESS OR SHORTAGE OF EARTH IS ENCOUNTERED, THE CONTRACTOR SHALL CONFIRM WITH THE OWNER AND ENGINEER THE REQUIREMENTS FOR STOCKPILING, REMOVAL OR IMPORTING OF EARTH.
14. PROVIDE POSITIVE DRAINAGE WITHOUT PONDING IN ALL AREAS AFTER INSTALLATION. CONTRACTOR TO TEST FOR AND CORRECT ANY PONDING CONDITIONS. ANY AREAS THAT HOLD WATER MORE THAN 1/8" DEEP SHALL BE CUT OUT AND CORRECTED TO POSITIVE DRAINAGE AT NO COST TO THE OWNER/DEVELOPER OR ENGINEER.
15. ADA ACCESSIBLE PARKING SPACES, RAMPS, AND ROUTES SHALL BE IN ACCORDANCE WITH THE LATEST ADA STANDARDS FOR ACCESSIBLE DESIGN.
16. VERTICAL CURVES, WITH A MINIMUM LENGTH OF 50', SHALL BE USED WHERE POSSIBLE BETWEEN VERTICAL CHANGES IN DIRECTION (SLOPE) TO ALLOW FOR POSITIVE DRAINAGE AND SMOOTH TRANSITIONS.
17. CONTRACTOR TO INSTALL CONCRETE CRADLES WHEN THE VERTICAL SEPARATION (AS MEASURED FROM THE EXTERIOR OF THE PIPES) BETWEEN SANITARY SEWER FACILITIES, WATER MAIN, AND STORM SEWERS IS 18" OR LESS.
18. ALL DISTURBED AREA SHALL BE STABILIZED IN ACCORDANCE TO THE STORM WATER POLLUTION PREVENTION PLAN AND LANDSCAPE PLAN.
19. ADA CROSSWALK AND ALL SIDEWALKS MAXIMUM 2% CROSS SLOPE AND 5% RUNNING SLOPE.

ACCESSIBLE PARKING AREA
(2% MAX SLOPE IN ALL DIRECTIONS)



McAdams

The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

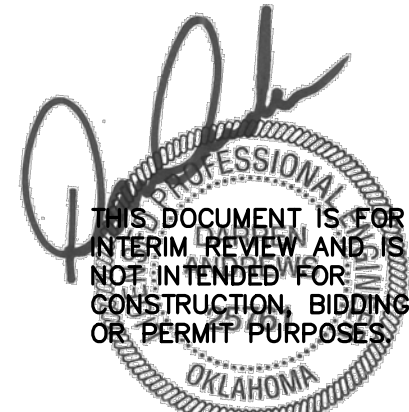
phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTH PARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRakes PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



05/21/2024

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

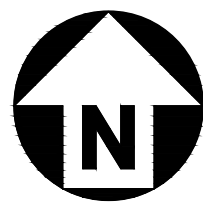
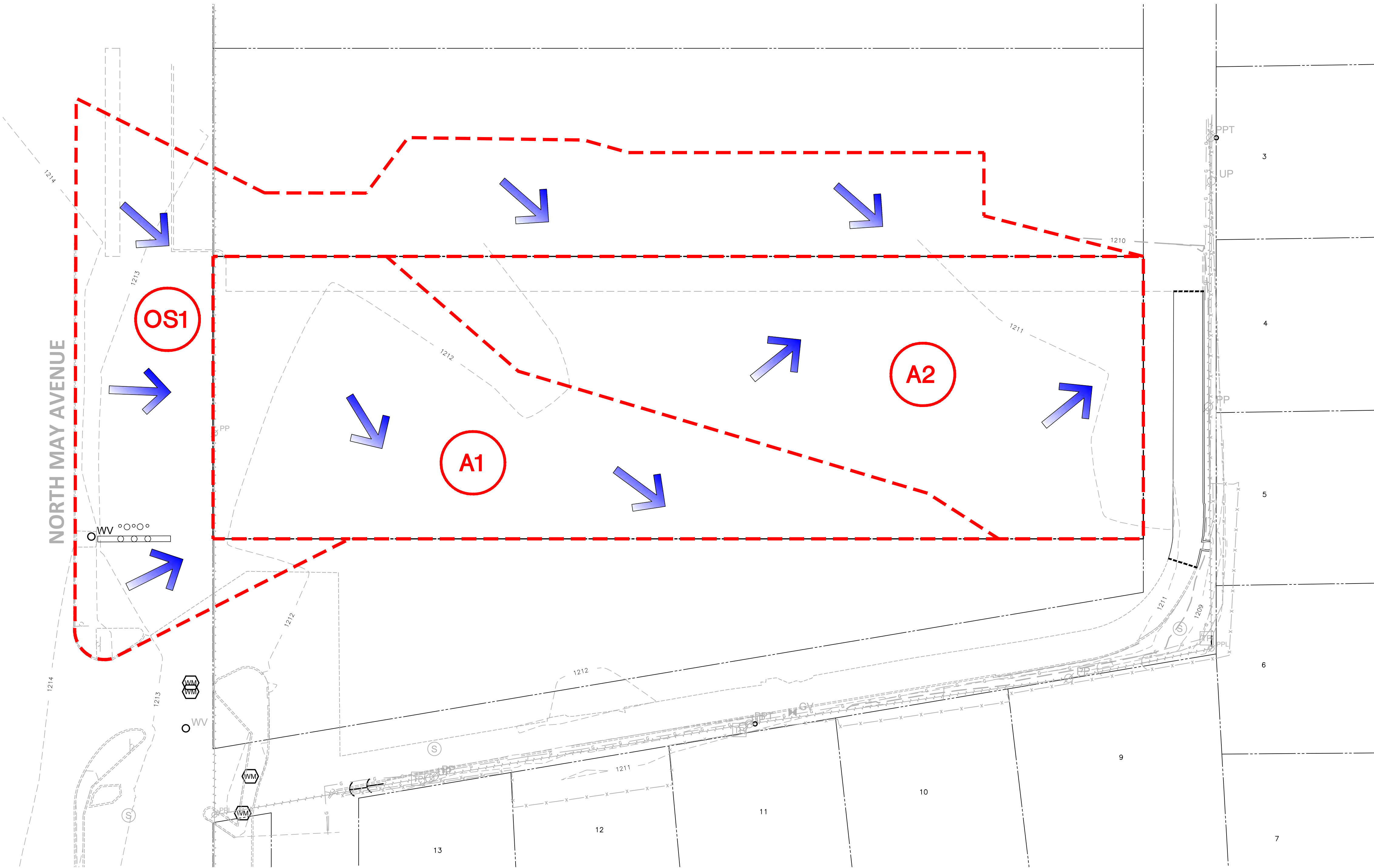
PROJECT NO. BRP24001
FILENAME BRP24001-G1.DWG
CHECKED BY TL
DRAWN BY JW
SCALE 1"=20'
DATE 05/21/2024

SHEET

GRADING PLAN

C3.00

M:\Projects\BRP24001\04-Production\Engineering\Sheets\BRP24001-EDAM1.dwg, 7/9/2024 8:58:12 AM, Jace Wreck



GRAPHIC SCALE
0 10 20 40
1 inch = 20 ft.

BENCHMARKS:

BM # 417 CUT "X" ON THE WEST CURB LINE OF PARKING LOT SOUTH OF SUBJECT PROPERTY. ELEV.=1214.09

BM # 545 CUT "X" ELEV.=1212.95



McAdams

The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

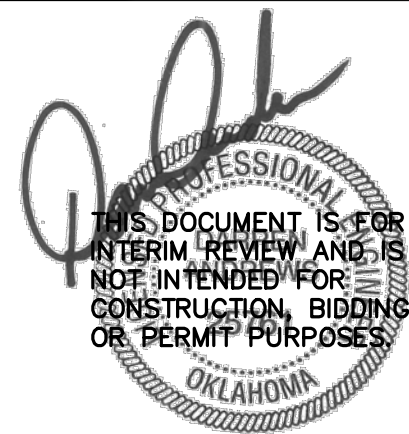
phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRakes PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



05/21/2024

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

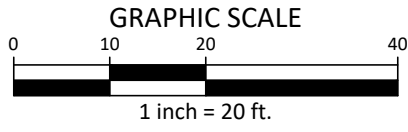
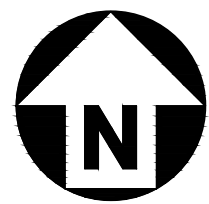
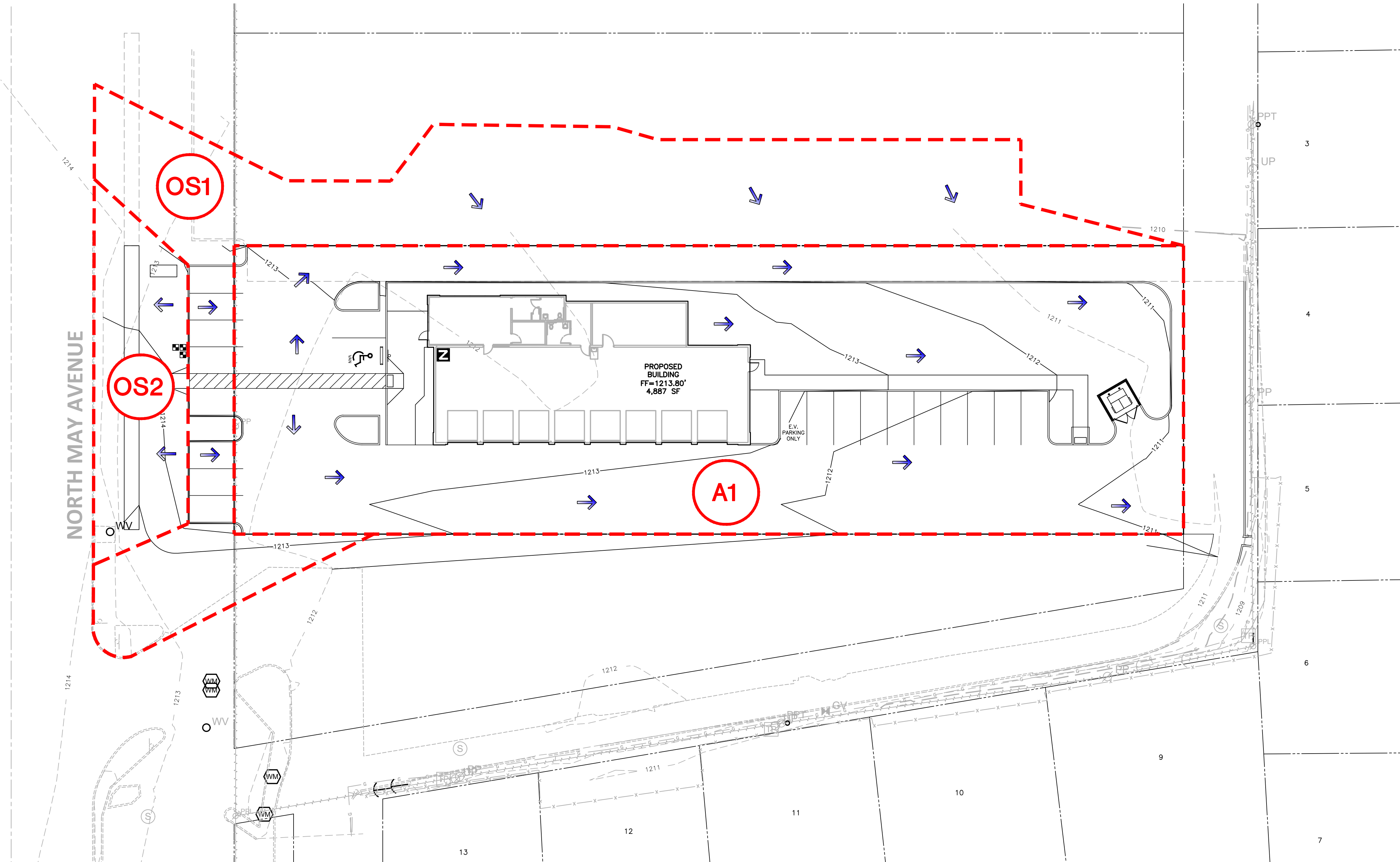
PROJECT NO. BRP24001
FILENAME BRP24001-EDAM1.DWG
CHECKED BY TL
DRAWN BY JW
SCALE 1"=20'
DATE 05/21/2024

SHEET

EXISTING DRAINAGE
AREA MAP

C3.01

M:\Projects\BRP\BRP24001\04-Production\Engineering\Sheets\BRP24001-PDAM1.dwg, 7/1/2024 8:58:21 AM, Jico Wreck



BENCHMARKS:

BM # 417 CUT "X" ON THE WEST CURB LINE OF PARKING LOT SOUTH OF SUBJECT PROPERTY. ELEV.=1214.09

BM # 545 CUT "X" ELEV.=1212.95



McAdams

The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

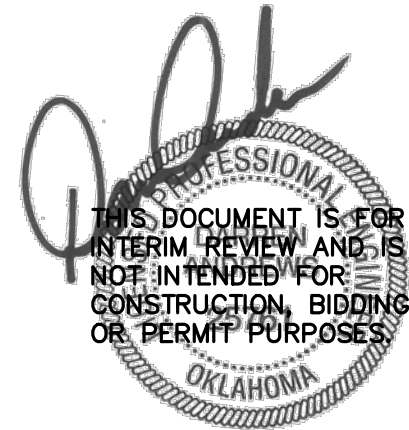
phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



05/21/2024

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

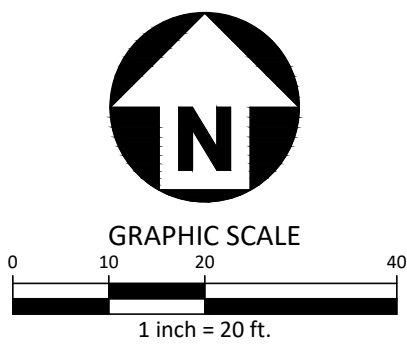
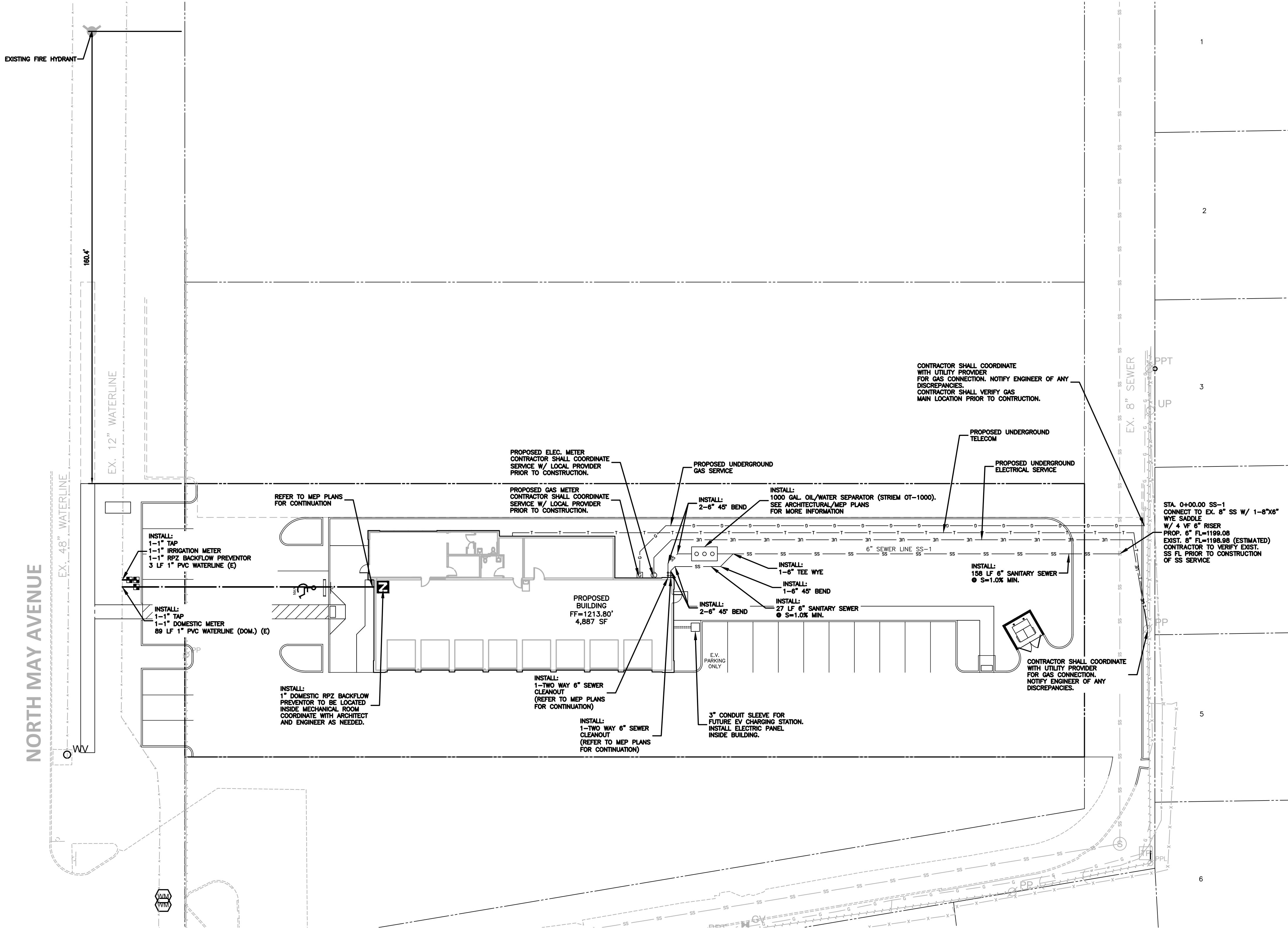
PROJECT NO. BRP24001
FILENAME BRP24001-PDAM1.DWG
CHECKED BY TL
DRAWN BY JW
SCALE 1"=20'
DATE 05/21/2024

SHEET

PROPOSED DRAINAGE
AREA MAP

C3.02

\\mcadams\Projects\BRP\BRP24001\04-Production\Engineering\Sheets\BRP24001-U1.dwg, 7/10/2024 9:46:05 AM, Remi Dzwolak



BENCHMARKS:

BM # 417 CUT "X" ON THE WEST CURB LINE OF PARKING LOT SOUTH OF SUBJECT PROPERTY. ELEV.=1214.09

BM # 545 CUT "X" ELEV.=1212.95

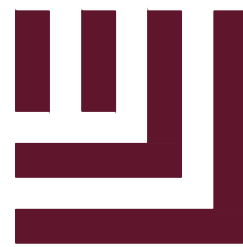
GENERAL NOTES:

1. ALL CONSTRUCTION AND MATERIALS TO MEET OR EXCEED OKLAHOMA CITY UTILITIES SPECIFICATIONS.
2. ATTENTION IS CALLED TO CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION.
3. ALL UTILITIES TO BE LOCATED PRIOR TO CONSTRUCTION
4. CONTRACTOR TO ADHERE TO CURRENT OSHA REGULATION, INCLUDING EXCAVATION & TRENCH SAFETY.
5. THE APPROXIMATE LOCATION OF KNOWN SURFACE AND SUBSURFACE STRUCTURES, PIPES, POWER GAS, PHONE, ETC. ARE SHOWN ON THE DESIGN DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF THE AFOREMENTIONED ITEMS, SHOWN OR NOT SHOWN.
6. CONTRACTOR TO CONFIRM LOCATION, CONDITION, INVERT OF EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION.
7. A FULL SET OF INTERIOR PLUMBING PLANS IS REQUIRED FOR CONSTRUCTION PLANS.
8. SAND OIL SEPARATOR (DESIGNED BY MEP) ONLY INTERCEPTS SEWAGE FROM HAND SINKS, AND DOES NOT INTERCEPT ANY OIL FROM ANY SERVICE BAYS.
9. SERVICE BAYS HAVE NO DRAINS. SERVICE BAYS ARE ENCLOSED BY CONCRETE WALLS PREVENTING ANY OIL SPILLS FROM REACHING EARTH MATERIAL. REFER TO ARCHITECTURAL AND MEP PLANS FOR MORE INFORMATION.
10. CITY OF OKLAHOMA CITY WILL PROVIDE AND INSTALL (2) 1" WATER METERS. AN INVOICE FOR THIS WORK WILL BE PROVIDED WHEN THE FINAL REVIEW IS COMPLETED AND CONSTRUCTION DRAWINGS ARE APPROVED.
11. ROUTING AND LOCATION OF FRANCHISE UTILITIES FROM ROW TO BUILDING ARE SUBJECT TO CHANGE PENDING FINAL DESIGN FROM FRANCHISE UTILITY COMPANIES.
12. VERIFY THE ELECTRICAL SPECIFICATIONS FOR ABOVE GROUND HEATED ENCLOSURES, SIGNS AND OTHER ITEMS NEEDING POWER. COORDINATE ANY ADDITIONAL DETAILS WITH THE PROJECT'S ELECTRICAL ENGINEER.
13. VERIFY THE PROPOSED LOCATION FOR ELECTRICAL SERVICE, TRANSFORMER PLACEMENT, AND REQUIREMENTS FOR PADS AND CLEARANCES WITH THE UTILITY PROVIDER. COORDINATE LEAD TIMES WITH THE POWER COMPANY WELL AHEAD OF CONSTRUCTION.
14. VERIFY GAS, TELEPHONE, AND COMMUNICATION REQUIREMENTS WITH THE OWNER AND UTILITY PROVIDERS BEFORE STARTING ANY CONSTRUCTION WORK.

NO SUBSURFACE UTILITY SURVEY (SUE) HAS BEEN PERFORMED FOR THE PREPARATION OF THESE PLANS. ADDITIONAL UNDERGROUND UTILITIES MAY BE IN THE AREA. CONTRACTOR SHALL NOTIFY "OKIE811" (811) OR 1-800-522-6543 AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR TO CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "OKIE811". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.



PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION



McAdams

The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

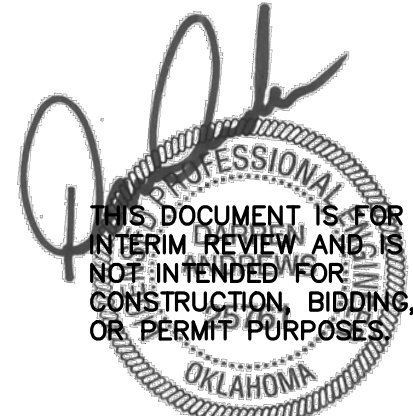
phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



05/21/2024

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

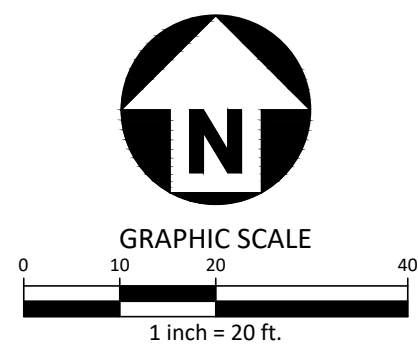
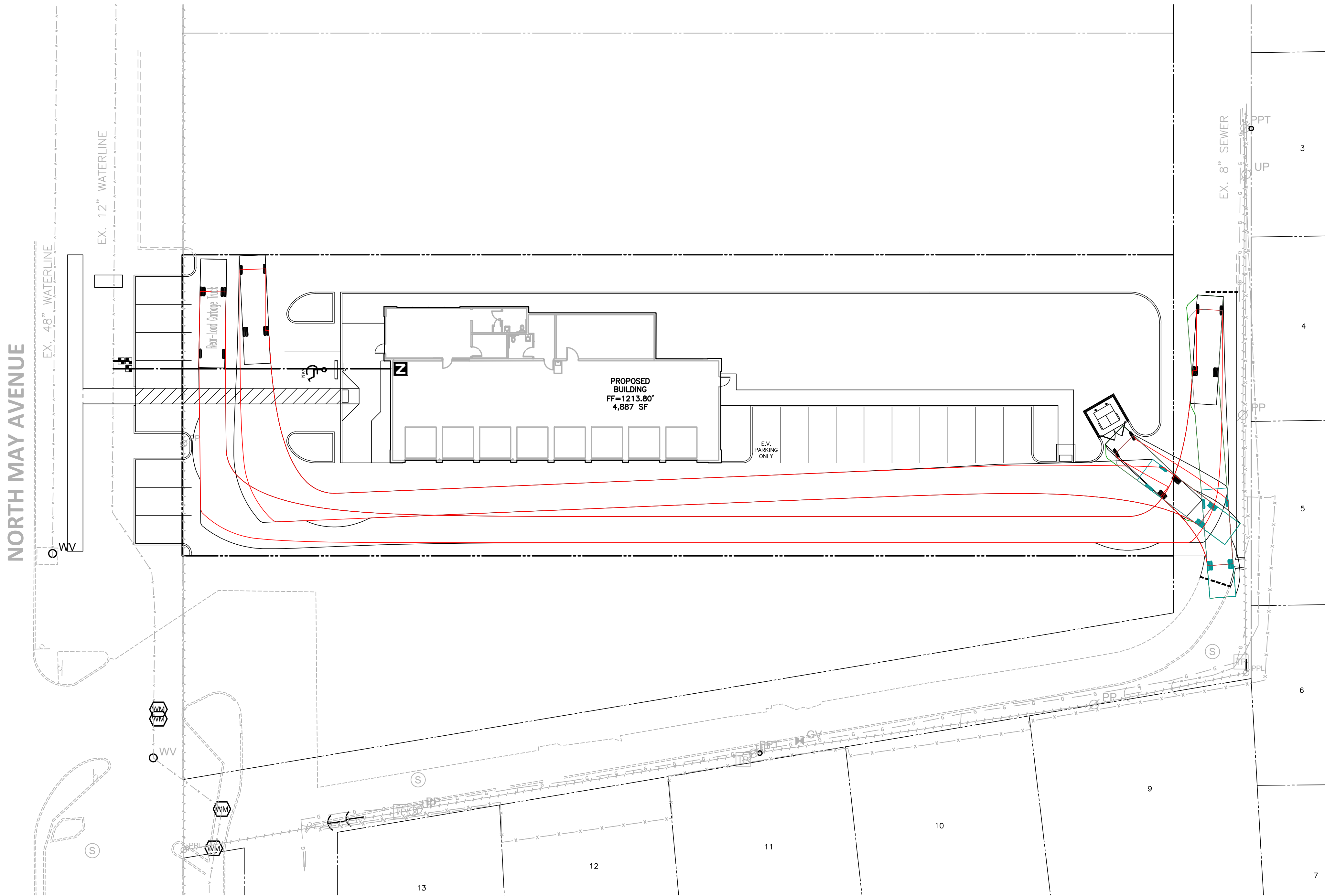
PROJECT NO. BRP24001
FILENAME BRP24001-U1.DWG
CHECKED BY TL
DRAWN BY JW
SCALE 1"=20'
DATE 05/21/2024

SHEET

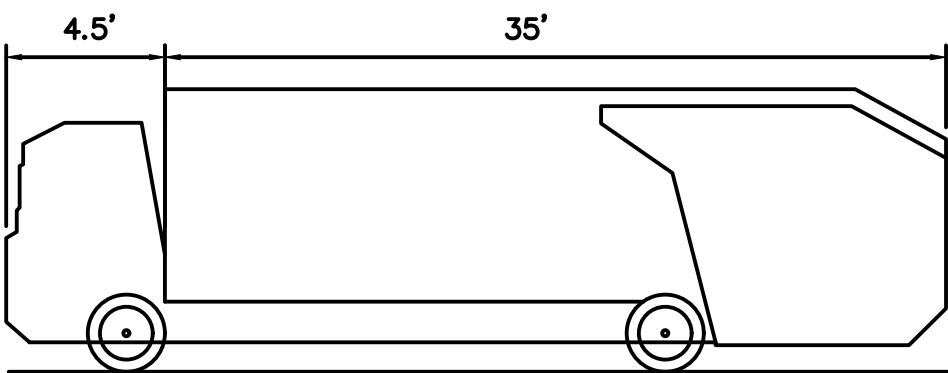
UTILITY PLAN

C4.00

M:\Projects\BRP\BRP24001\04-Production\Engineering\Sheets\BRP24001-DT1.dwg, 7/9/2024 8:58:50 AM, June Wick



Vehicle Used for Simulation



| | |
|-----------------------------|-----------|
| Rear-Load Garbage Truck | |
| Overall Length | 35.000 ft |
| Overall Width | 8.375 ft |
| Overall Body Height | 10.546 ft |
| Min Body Ground Clearance | 1.000 ft |
| Track Width | 8.375 ft |
| Lock-to-lock time | 6.00 s |
| Curb to Curb Turning Radius | 29.300 ft |



McAdams
The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056


phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



THIS DOCUMENT IS FOR
INTERIM REVIEW AND
NOT INTENDED FOR
CONSTRUCTION, BIDDING,
OR PERMIT PURPOSES.

05/21/2024

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

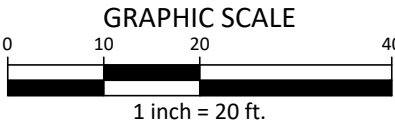
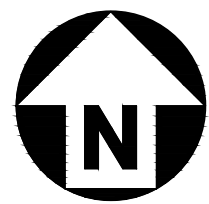
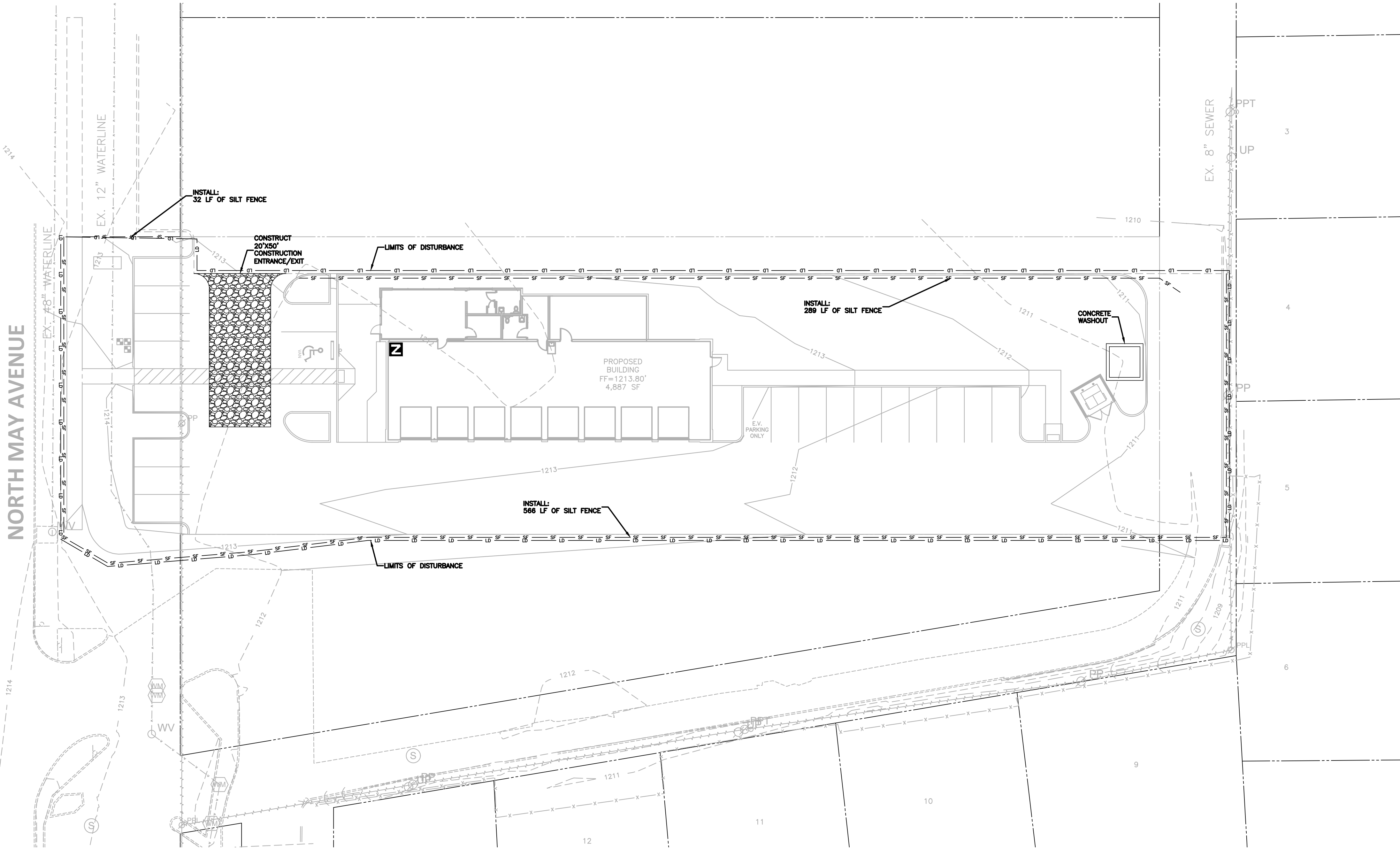
| | |
|-------------|------------------|
| PROJECT NO. | BRP24001 |
| FILENAME | BRP24001-DT1.DWG |
| CHECKED BY | TL |
| DRAWN BY | JW |
| SCALE | 1"=20' |
| DATE | 05/21/2024 |

SHEET

GARBAGE TURCK TURN
EXHIBIT

C5.00

\\Ms\Projects\BRP\BRP24001\04-Production\Engineering\Sheets\BRP24001-EC1.dwg, 7/9/2024 8:59:58 AM, Jane Wick



BENCHMARKS:





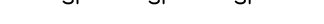
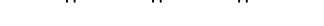


BM # 417 CUT "X" ON THE WEST CURB LINE OF PARKING LOT SOUTH OF SUBJECT PROPERTY. ELEV.=1214.09

BM # 545 CUT "X" ELEV.=1212.95

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND DEPTHS OF EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION.
2. SIDEWALK RAMPS ARE TO BE DESIGNED AND INSTALLED SO THEY ARE IN COMPLIANCE WITH THE TEXAS ACCESSIBILITY STANDARDS.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PUBLIC UTILITIES DURING THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, ETC. MUST BE ADJUSTED TO PROPER LINE AND GRADE BY THE CONTRACTOR PRIOR TO AND AFTER PLACEMENT OF PERMANENT PAVING. UTILITIES MUST BE MAINTAINED TO PROPER LINE AND GRADE DURING CONSTRUCTION OF THIS PROJECT.
4. CONSTRUCTION SITE SHALL ADHERE TO CITY OF BENTON STORM WATER REQUIREMENTS, AND SHALL MEET ALL APPLICABLE TCEQ STANDARDS FOR EROSION CONTROL MEASURES.
5. CONTRACTOR TO ADHERE TO CURRENT OSHA REGULATIONS, INCLUDING EXCAVATION & TRENCH SAFETY.
6. CONTRACTOR TO CLEAN UP FRONT ROW BETWEEN SITE AND EXISTING SIDEWALK. EXISTING DRAINAGE SWALE TO REMAIN.

EROSION CONTROL LEGEND

-  SILT FENCE OUTLET
-  INLET PROTECTION
-  INLET PROTECTION FOR EXISTING STRUCTURES
-  SILT FENCE
-  TREE PROTECTION FENCE
-  LIMITS OF DISTURBANCE
-  CONSTRUCTION ENTRANCE/EXIT
-  CONCRETE WASHOUT

DISTURBED ACREAGE=0.78 ACRES

EROSION AND SEDIMENTATION CONTROL NOTES:

1. ALL NEWLY CUT AND/OR FILLED AREAS LACKING ADEQUATE VEGETATION SHALL BE FERTILIZED AND SEEDED AS REQUIRED TO EFFECTIVELY PREVENT SOIL EROSION.
2. SILT FENCES, SILT SACKS, AND OTHER BEST MANAGEMENT PRACTICES SHALL BE USED AS SHOWN AND AS DIRECTED BY THE ENGINEER TO CONTROL SOIL EROSION.
3. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION CONTROL DURING CONSTRUCTION BY THE PLACEMENT OF SILT FENCES, SEDIMENT INLET TRAPS, AND OTHER BEST MANAGEMENT PRACTICES WHERE NECESSARY TO PREVENT DOWNSTREAM SILTATION OF ANY DITCHES, PIPES, DRAINAGE STRUCTURES, OR ADJACENT PROPERTIES. THE CONTROLS SHOWN ON THE PLAN ARE THE MINIMUM REQUIRED AND THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL EROSION CONTROL AS NECESSARY OR AS DIRECTED BY THE ENGINEER.
4. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE ADEQ STORM WATER CONSTRUCTION GENERAL PERMIT FOR ALL EROSION CONTROL DURING CONSTRUCTION ACTIVITIES.
5. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EROSION CONTROL DEVICES AND REPORTING ANY MAINTENANCE AS REQUIRED BY THE ADEQ STORM WATER CONSTRUCTION GENERAL PERMIT DURING CONSTRUCTION ACTIVITIES.
6. PROVISIONS SHALL BE MADE TO PROTECT DOWNSTREAM WATERCOURSES (I.E., STORM SEWER SYSTEMS, DITCHES, WETLANDS, ETC.) FROM SEDIMENT RUNOFF DEVELOPED FROM THE CONSTRUCTION PROCESS. PROVISIONS INCLUDE, BUT ARE NOT LIMITED TO, STRUCTURAL CONTROLS SUCH AS SILT FENCING, GEOTEXTILE FABRIC PROTECTION OF STORM SEWERS, HAY BALES, DIKES AND SANDBAG BERMS; AND/OR VEGETATION CONTROLS SUCH AS SEEDING OR EXISTING VEGETATIVE BUFFER STRIPS (MINIMUM 25 FEET WIDE).
7. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL INSTALL EROSION AND SEDIMENTATION CONTROLS AT LOCATIONS SHOWN ON PLANS.
8. ABSOLUTELY NO DIRT, MUD, DUST OR SEDIMENT SHALL MOVE INTO ANY STORM DRAIN APPURTENANCES AND PUBLIC STREETS.
9. CONTRACTOR SHALL PERFORM DAILY STREET CLEANING ON ROADS AND STREETS ADJACENT TO THE PROJECT WHICH ARE USED AS ACCESS ROUTES FOR CONSTRUCTION TRAFFIC IF DIRT AND MUD ARE NOT ADEQUATELY REMOVED FROM VEHICLES AT THE CONSTRUCTION EXIT. WASHING OF STREETS IS PROHIBITED.
10. LOCATE FUEL/MATERIAL STORAGE AREAS AWAY FROM STORM WATER CONVEYANCE SYSTEMS. USE A MINIMUM 60 MIL POLYETHYLENE LINER UNDER ABOVE GROUND STORAGE TANKS. USE 2 FOOT HIGH BERMS AROUND FUEL STORAGE AREAS.
11. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL ENVIRONMENTAL LAWS.
12. CONTRACTOR IS RESPONSIBLE FOR DISPOSING OF FUELS, MATERIALS AND CONTAMINATED EXCAVATIONS IN A LEGALLY APPROVED MANNER.
13. CONTRACTOR SHALL INSPECT ALL STRUCTURAL CONTROLS WITHIN 24 HOURS AFTER ANY STORM EVENT (THAT MEETS OR EXCEEDS 0.5 INCHES OF RAINFALL IN A 24 HOUR PERIOD). DURING PROLONGED RAINFALL EVENTS, CONTRACTOR SHALL INSPECT STRUCTURAL CONTROLS ON A DAILY BASIS. AT A MINIMUM, STRUCTURAL CONTROLS SHOULD BE INSPECTED ONCE EVERY CALENDAR WEEK. A QUALIFIED REPRESENTATIVE OF THE CONTRACTOR, AS APPROVED BY THE OWNER, SHALL PROVIDE THESE INSPECTIONS. SHOULD CONTROLS BECOME INEFFECTIVE, NECESSARY REPAIRS SHALL BE PERFORMED TO RETURN THE INTEGRITY OF THE STRUCTURAL CONTROLS.
14. CONTRACTOR SHALL MAINTAIN, REPAIR AND/OR REPLACE DAMAGED EROSION AND SEDIMENTATION CONTROL SYSTEMS THROUGHOUT THE DURATION OF THE CONTRACT.
15. CONTRACTOR WILL PROVIDE PROTECTED STORAGE AREAS FOR CHEMICALS, PAINTS, SOLVENTS, FERTILIZERS AND OTHER POTENTIALLY TOXIC MATERIALS.
16. EQUIPMENT STAGING AREA TO BE DESIGNATED BY CONTRACTOR AND APPROVED BY OWNER PRIOR TO CONSTRUCTION.
17. THE CONTRACTOR SHALL PROVIDE ALL EROSION CONTROL NECESSARY FOR UTILITY CONSTRUCTION, EVEN IF THE UTILITIES ARE OUTSIDE THE LIMITS OF GRADING OPERATIONS.
18. SEDIMENT WILL BE REMOVED FROM THE UPSTREAM FACE OF THE SILT FENCE AND SILT DIKE WHEN IT REACHES A MAXIMUM DEPTH OF 50% OF THE STRUCTURAL CONTROL'S CAPACITY. THE FENCE AND DIKE WILL BE REPLACED AS NECESSARY TO MAINTAIN A BARRIER.
19. THE CONTRACTOR SHALL SUBMIT PHASED EROSION CONTROL PLANS TO THE ENGINEER FOR REVIEW AS NEEDED TO CONTROL SEDIMENT AND EROSION DURING CONSTRUCTION.
20. TEMPORARY SEEDING MAY BE REQUIRED IN ADDITION TO PERMANENT SODDING TO ASSIST IN COMPLYING WITH THE CONSTRUCTION GENERAL PERMIT.

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION



McAdams

The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

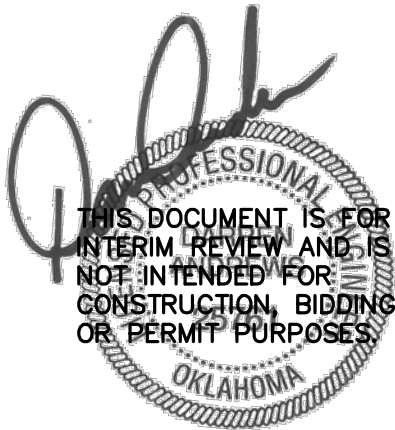
phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTH PARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRakes PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



05/21/2024

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

PROJECT NO. BRP24001
FILENAME BRP24001-EC1.DWG
CHECKED BY TL
DRAWN BY JW
SCALE 1"=20'
DATE 05/21/2024

SHEET

EROSION CONTROL
PLAN

C6.00

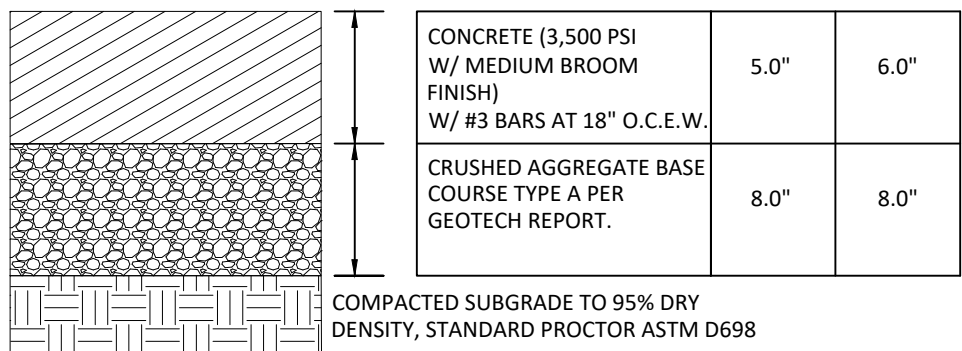
PAVEMENT LEGEND:

| | | |
|--|----|---|
| | CS | STANDARD DUTY CONCRETE PAVEMENT |
| | CH | HEAVY DUTY CONCRETE PAVEMENT |
| | CW | STANDARD SIDEWALK CONCRETE PER ODOT STANDARDS |
| | | STANDARD CURB |

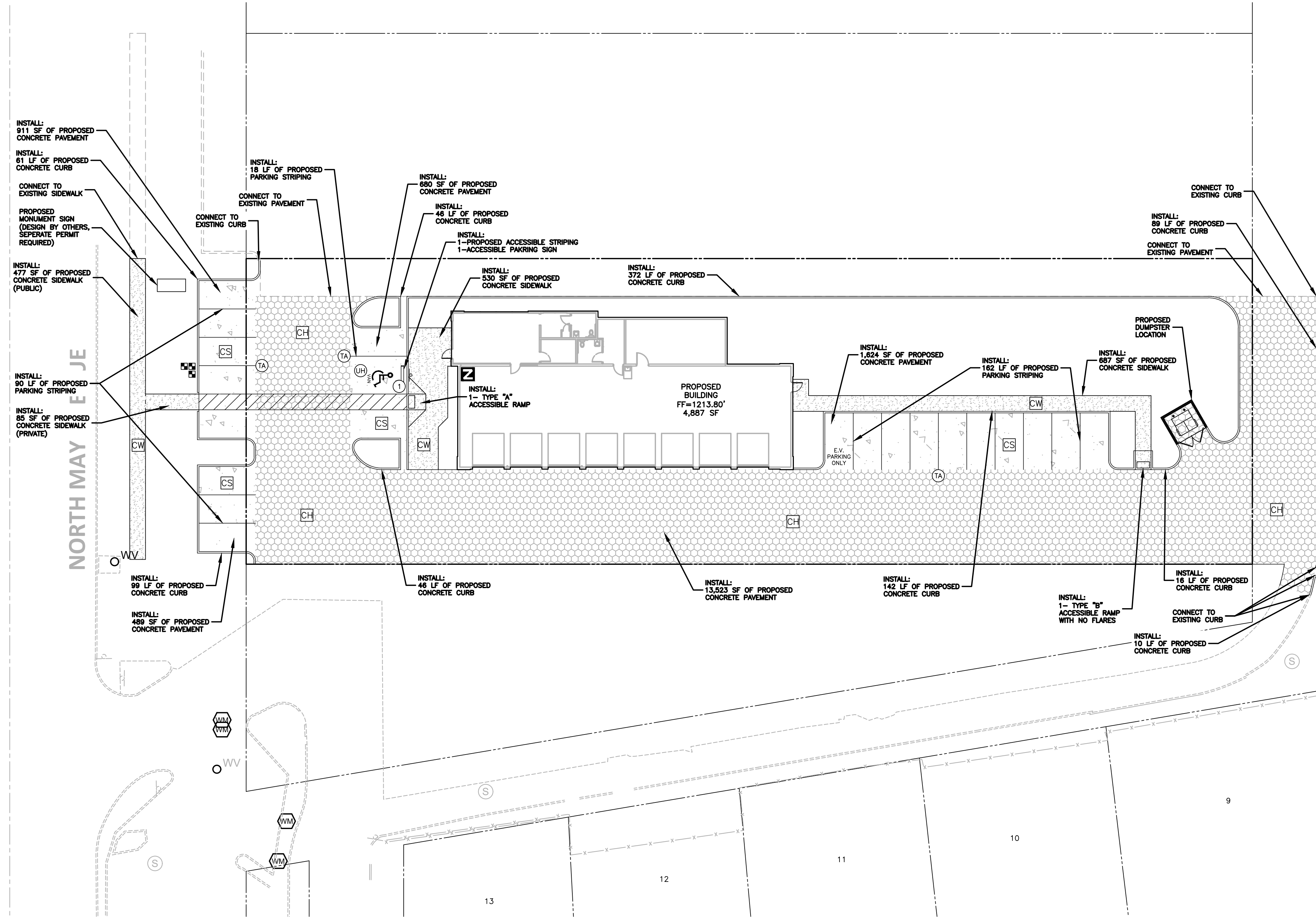
PAVEMENT MARKING LEGEND:

| LANE LINES/MARKINGS | |
|---------------------|--|
| (T2) | 24" WHITE STOPBAR |
| (T3) | 24" WHITE CROSSWALK LINE (HIGH VISIBILITY) |
| (TA) | 4" WHITE |
| (TD) | 8" WHITE CROSSWALK LINE |
| (TL) | 12" WHITE DIAGONAL |
| ARROWS/CHARACTERS | |
| (UH) | HANDICAP PARKING |
| (UC) | STRAIGHT ARROW |
| (UL) | LEFT ARROW |
| (UR) | RIGHT ARROW |

SIGN LEGEND:



CONCRETE PAVEMENT SECTIONS



BENCHMARKS:

BM # 417 CUT "X" ON THE WEST CURB LINE OF PARKING LOT SOUTH OF SUBJECT PROPERTY. ELEV.=1214.09

BM # 545 CUT "X" ELEV.=1212.95

GENERAL PAVEMENT AND MARKING NOTES:

- CONTRACTOR TO VERIFY CONCRETE PAD FOR TRANSFORMER. TRANSFORMER PAD SHALL BE STANDARD LIGHT DUTY CONCRETE UNLESS OTHERWISE REQUIRED BY POWER COMPANY.
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST OKLAHOMA COUNTY AND ODOT STANDARDS AND SPECIFICATIONS AS APPLICABLE.
- EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED/RESTORED TO THEIR ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER, BY THE CONTRACTOR RESPONSIBLE FOR THE DAMAGE.
- CONTRACTOR SHALL NOTIFY "OKIE811" (811) OR 1-800-522-6543 AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "OKIE811". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE UTILITY COMPANIES FOR ANY REQUIRED RELOCATIONS (I.E. POWER POLES, TELEPHONE PEDESTALS, WATER METERS, ETC.).
- PRIOR TO BEGINNING CONSTRUCTION BEYOND EROSION CONTROL MEASURES, THE GENERAL CONTRACTOR SHALL SCHEDULE AND ATTEND A PRE-CONSTRUCTION CONFERENCE WITH THE LOCAL AND STATE MUNICIPALITY AND OKIE811, AND A REPRESENTATIVE OF THE ENGINEER AND OWNER IF REQUIRED. THE PURPOSE OF THIS MEETING IS TO REVIEW THE SPECIFIC COMPONENTS OF THE PLAN AND OPERATION OF THE FACILITIES DURING CONSTRUCTION.
- ACCESSIBLE RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, LOCAL AND STATE MUNICIPALITY AND OKIE811.
- ALL SIDEWALKS THAT CONNECT TO THE PUBLIC RIGHT-OF-WAY MUST BE ACCESSIBLE TO PERSONS WHO ARE BLIND, HAVE LOW VISION AND PEOPLE WITH MOBILITY DISABILITIES. PEDESTRIAN EXISTING ROUTES AND ALTERNATE PEDESTRIAN ROUTES DURING CONSTRUCTION WILL BE REQUIRED TO BE COMPLIANT WITH THE PUBLIC RIGHTS OF WAY ACCESSIBILITY GUIDELINES (PROWAG), 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- TYPICAL PAVEMENT SECTION DETAILS ARE SHOWN ARE INTENDED TO BE A MINIMUM PAVEMENT SECTION REQUIREMENTS. THE CURRENT GEOTECHNICAL REPORT SHALL OVER-RIDE ALL TYPICAL PAVEMENT SECTIONS SHOWN, IF THE GEOTECHNICAL ENGINEER DEEMS A HEAVIER SECTION IS REQUIRED.
- EQUIPMENT AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED PROVIDED APPROVAL HAS BEEN OBTAINED FROM THE OWNER IN WRITING PRIOR TO ORDERING OR INSTALLATION. THE CONTRACTOR SHALL WAIVE ANY CLAIM FOR ADDITIONAL COST RELATED TO SUBSTITUTION OF ALTERNATE EQUIPMENT.
- IF UNFORESEEN CONDITIONS DEVELOP DURING CONSTRUCTION, REFER TO THE LATEST VERSION OF THE LOCAL AND STATE MUNICIPALITY AND OKIE811 STANDARDS AND CONTACT PUBLIC WORKS STAFF FOR FURTHER GUIDANCE.
- EXISTING UTILITIES AND STRUCTURES SHOWN, BOTH UNDERGROUND AND ABOVE GROUND, ARE BASED ON A FIELD SURVEY AND THE BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BEGINNING RELATED CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- SOIL UNDER BUILDINGS, PAVED AREAS AND WITHIN SLOPES GREATER THAN 3:1 (H:V) SHALL BE APPROVED, PLACED AND COMPACTED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
- PREPARING, GRADING, SHAPING, AND COMPACTION OF SUBGRADE SOILS SHOULD BE PERFORMED IN ACCORDANCE WITH OKIE811 STANDARD SPECIFICATIONS. PREPARING, GRADING, SHAPING, AND COMPACTION OF AGGREGATE BASE COURSE (ABC) STONE SHOULD BE PERFORMED IN ACCORDANCE WITH OKIE811 STANDARD SPECIFICATIONS. PLACEMENT AND COMPACTION OF THE BITUMINOUS CONCRETE SHOULD BE PERFORMED IN ACCORDANCE WITH OKIE811 STANDARD SPECIFICATIONS. PROPER SUBGRADE COMPACTION, ADHERENCE TO THE OKIE811 SPECIFICATIONS, AND COMPLIANCE WITH PROJECT PLANS AND SPECIFICATIONS ARE CRITICAL TO THE PERFORMANCE OF THE CONSTRUCTED PAVEMENT.
- THE CONTRACTOR MAY CHOOSE TO INSTALL INTERMEDIATE COURSES OF PAVEMENT TO STABILIZE THE SITE DURING CONSTRUCTION AT NO ADDITIONAL COST. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ADEQUATE THICKNESS REQUIRED FOR INTERMEDIATE PAVING. INCREASES IN THE DESIGN PAVEMENT SECTION TO FACILITATE INTERMEDIATE PAVING SHALL BE PROVIDED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGES TO SUBGRADE, INSTALLED BASE COURSE AND/OR INTERMEDIATE PAVING PRIOR TO PLACING SUBSEQUENT PAVEMENT LIFTS AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING PAVEMENT DURING ALL PHASES OF WORK. THE FINAL SURFACE OF PAVEMENT SHALL BE FREE OF ALL DEFECTS OR DAMAGE.
- THE CONTRACTOR SHALL ENSURE THAT THE POWER POLE IS NOT DAMAGED DURING SIDEWALK INSTALLATION.
- ALL STRIPING IN OKIE811 ROW SHALL BE THERMOPLASTIC.
- SIGNAGE TO BE PERMITTED SEPARATELY BY SIGN COMPANY.
- ALL RADI ARE 3' UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE TO FACE OF CURB.

McAdams
The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440
www.mcadamsco.com

CLIENT
EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

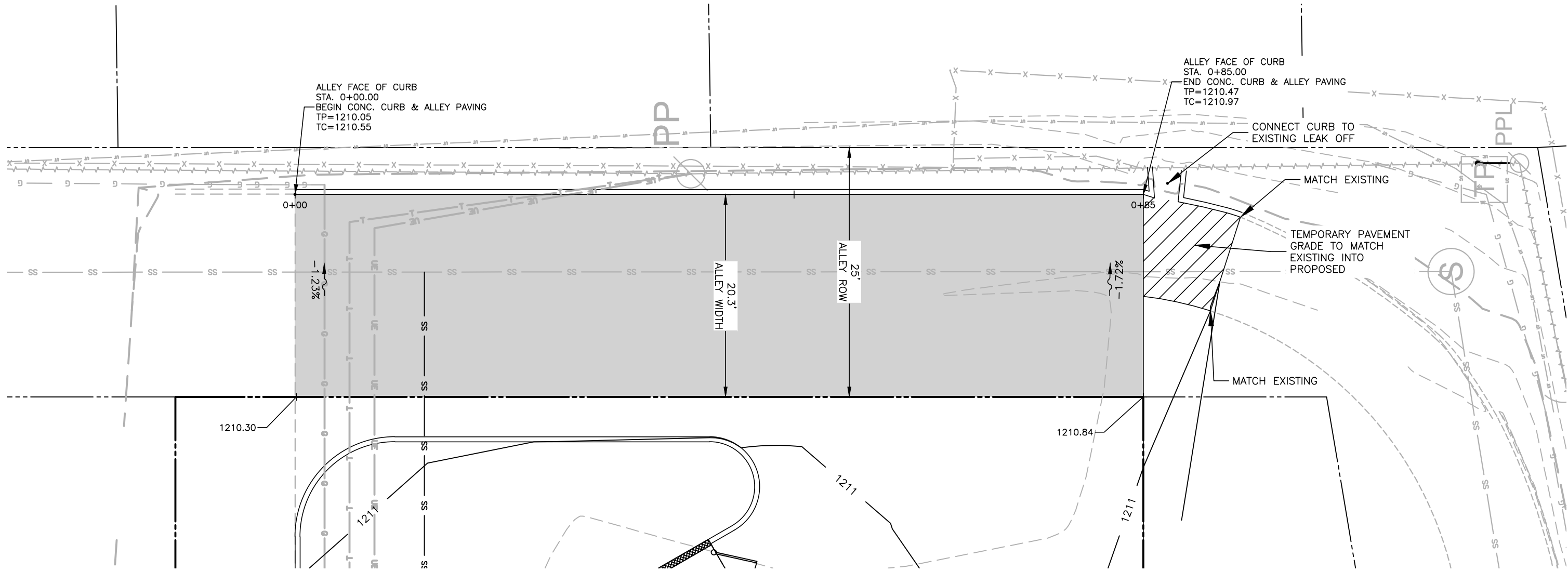
PLAN INFORMATION

PROJECT NO. BRP24001
FILENAME BRP24001-PV1.DWG
CHECKED BY TL
DRAWN BY JW
SCALE 1"=20'
DATE 05/21/2024

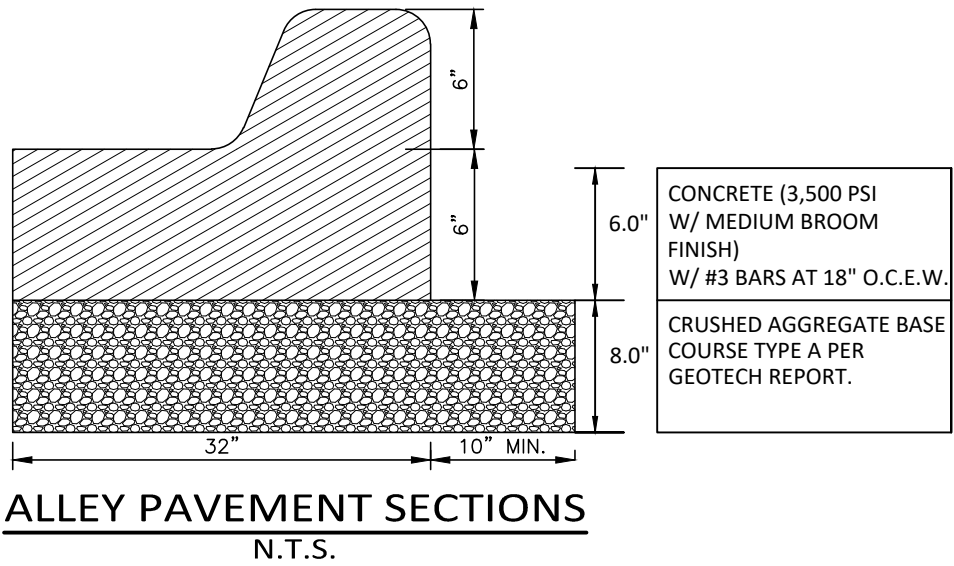
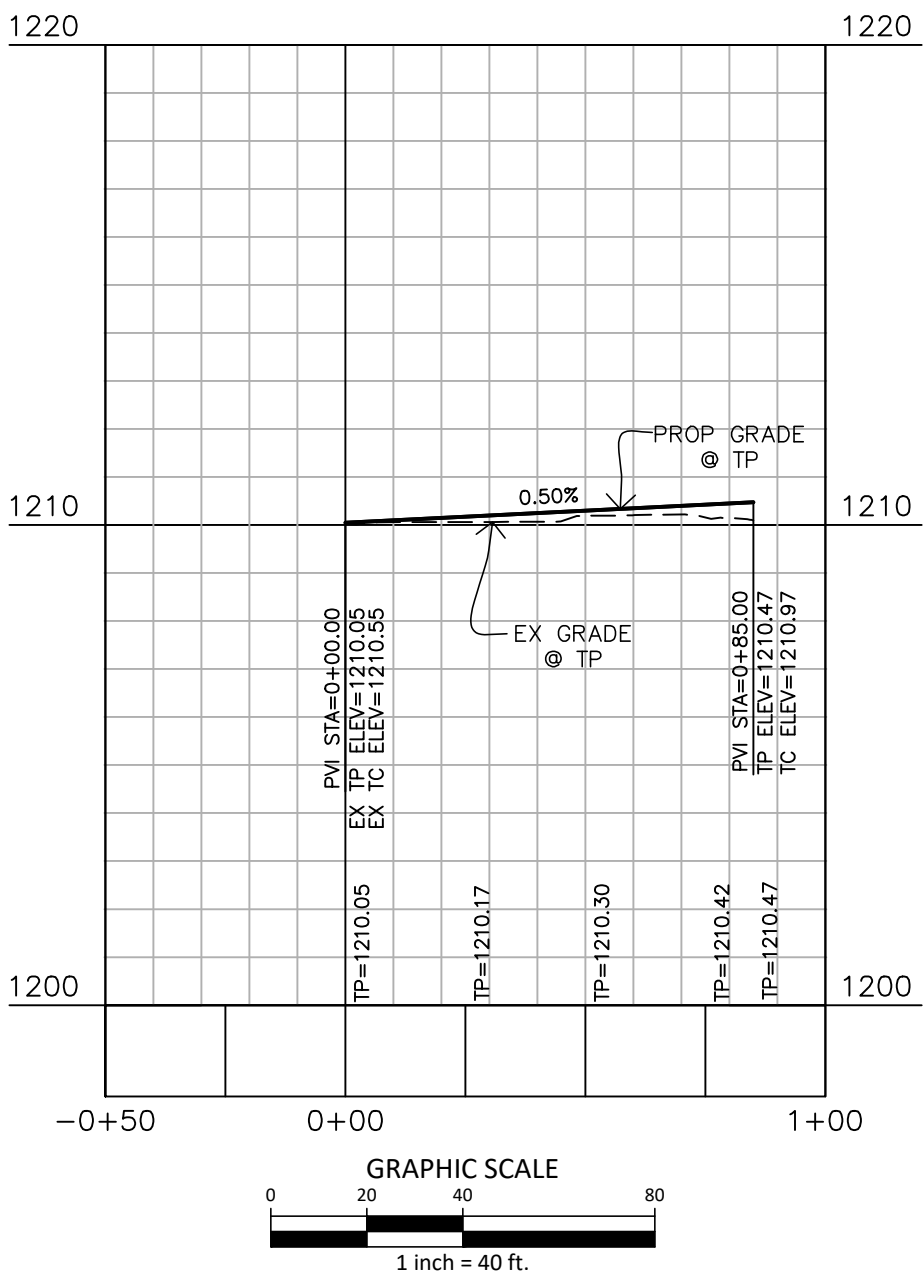
SHEET

PAVING PLAN

C7.00



ALLEY FACE OF CURB

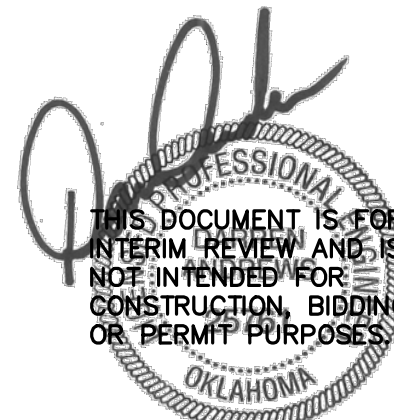


- BENCHMARKS:**
- BM # 417 CUT "X" ON THE WEST CURB LINE OF PARKING LOT SOUTH OF SUBJECT PROPERTY. ELEV.=1214.09
- BM # 545 CUT "X" ELEV.=1212.95
- GENERAL PAVEMENT AND MARKING NOTES:**
- CONTRACTOR TO VERIFY CONCRETE PAD FOR TRANSFORMER. TRANSFORMER PAD SHALL BE STANDARD LIGHT DUTY CONCRETE UNLESS OTHERWISE REQUIRED BY POWER COMPANY.
 - ALL CONSTRUCTION SHALL CONFORM TO THE LATEST OKLAHOMA COUNTY AND ODOT STANDARDS AND SPECIFICATIONS AS APPLICABLE.
 - EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED/RESTORED TO THEIR ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER, BY THE CONTRACTOR RESPONSIBLE FOR THE DAMAGE.
 - CONTRACTOR SHALL NOTIFY "OKIE811" (811) OR 1-800-522-6543 AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "OKIE811". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
 - CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE UTILITY COMPANIES FOR ANY REQUIRED RELOCATIONS (I.E. POWER POLES, TELEPHONE PEDESTALS, WATER METERS, ETC.).
 - PRIOR TO BEGINNING CONSTRUCTION BEYOND EROSION CONTROL MEASURES, THE GENERAL CONTRACTOR SHALL SCHEDULE AND ATTEND A PRE-CONSTRUCTION CONFERENCE WITH THE LOCAL AND STATE MUNICIPALITY AND OKIE811, AND A REPRESENTATIVE OF THE ENGINEER AND OWNER IF REQUIRED. THE PURPOSE OF THIS MEETING IS TO REVIEW THE SPECIFIC COMPONENTS OF THE PLAN AND OPERATION OF THE FACILITIES DURING CONSTRUCTION.
 - ACCESSIBLE RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, LOCAL AND STATE MUNICIPALITY AND OKIE811.
 - ALL SIDEWALKS THAT CONNECT TO THE PUBLIC RIGHT-OF-WAY MUST BE ACCESSIBLE TO PERSONS WHO ARE BLIND, HAVE LOW VISION AND PEOPLE WITH MOBILITY DISABILITIES. PEDESTRIAN EXISTING ROUTES AND ALTERNATE PEDESTRIAN ROUTES DURING CONSTRUCTION WILL BE REQUIRED TO BE COMPLIANT WITH THE PUBLIC RIGHTS OF WAY ACCESSIBILITY GUIDELINES (PROWAG), 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 - TYPICAL PAVEMENT SECTION DETAILS ARE SHOWN ARE INTENDED TO BE A MINIMUM PAVEMENT SECTION REQUIREMENTS. THE CURRENT GEOTECHNICAL REPORT SHALL OVER-RIDE ALL TYPICAL PAVEMENT SECTIONS SHOWN, IF THE GEOTECHNICAL ENGINEER DEEMS A HEAVIER SECTION IS REQUIRED.
 - EQUIPMENT AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED PROVIDED APPROVAL HAS BEEN OBTAINED FROM THE OWNER IN WRITING PRIOR TO ORDERING OR INSTALLATION. THE CONTRACTOR SHALL WAIVE ANY CLAIM FOR ADDITIONAL COST RELATED TO SUBSTITUTION OF ALTERNATE EQUIPMENT.
 - IF UNFORESEEN CONDITIONS DEVELOP DURING CONSTRUCTION, REFER TO THE LATEST VERSION OF THE LOCAL AND STATE MUNICIPALITY AND OKIE811 STANDARDS AND CONTACT PUBLIC WORKS STAFF FOR FURTHER GUIDANCE.
 - EXISTING UTILITIES AND STRUCTURES SHOWN, BOTH UNDERGROUND AND ABOVE GROUND, ARE BASED ON A FIELD SURVEY AND THE BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BEGINNING RELATED CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
 - SOIL UNDER BUILDINGS, PAVED AREAS AND WITHIN SLOPES GREATER THAN 3:1 (H:V) SHALL BE APPROVED, PLACED AND COMPACTED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
 - PREPARING, GRADING, SHAPING, AND COMPACTION OF SUBGRADE SOILS SHOULD BE PERFORMED IN ACCORDANCE WITH OKIE811 STANDARD SPECIFICATIONS. PREPARING, GRADING, SHAPING, AND COMPACTION OF AGGREGATE BASE COURSE (CABC) STONE SHOULD BE PERFORMED IN ACCORDANCE WITH OKIE811 STANDARD SPECIFICATIONS. PLACEMENT AND COMPACTION OF THE BITUMINOUS CONCRETE SHOULD BE PERFORMED IN ACCORDANCE WITH OKIE811 STANDARD SPECIFICATIONS. PROPER SUBGRADE COMPACTION, ADHERENCE TO THE OKIE811 SPECIFICATIONS, AND COMPLIANCE WITH PROJECT PLANS AND SPECIFICATIONS ARE CRITICAL TO THE PERFORMANCE OF THE CONSTRUCTED PAVEMENT.
 - THE CONTRACTOR MAY CHOOSE TO INSTALL INTERMEDIATE COURSES OF PAVEMENT TO STABILIZE THE SITE DURING CONSTRUCTION AT NO ADDITIONAL COST. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ADEQUATE THICKNESS REQUIRED FOR INTERMEDIATE PAVING. INCREASES IN THE DESIGN PAVEMENT SECTION TO FACILITATE INTERMEDIATE PAVING SHALL BE PROVIDED AT NO ADDITIONAL COST.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGES TO SUBGRADE, INSTALLED BASE COURSE AND/OR INTERMEDIATE PAVING PRIOR TO PLACING SUBSEQUENT PAVEMENT LIFTS AT NO ADDITIONAL COST.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING PAVEMENT DURING ALL PHASES OF WORK. THE FINAL SURFACE OF PAVEMENT SHALL BE FREE OF ALL DEFECTS OR DAMAGE.
 - THE CONTRACTOR SHALL ENSURE THAT THE POWER POLE IS NOT DAMAGED DURING SIDEWALK INSTALLATION.
 - ALL STRIPING IN OKIE811 ROW SHALL BE THERMOPLASTIC.
 - SIGNAGE TO BE PERMITTED SEPARATELY BY SIGN COMPANY.
 - ALL RADI ARE 3' UNLESS OTHERWISE NOTED.
 - ALL DIMENSIONS ARE TO FACE OF CURB.

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHSPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE CONSTRUCTION PLANS 4900 NORTH MAY AVENUE OKLAHOMA CITY, OKLAHOMA, 73112



05/21/2024

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

| | |
|-------------|------------------|
| PROJECT NO. | BRP24001 |
| FILENAME | BRP24001-PV2.DWG |
| CHECKED BY | TL |
| DRAWN BY | JW |
| SCALE | 1"=10' |
| DATE | 05/21/2024 |

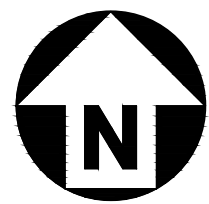
SHEET

PUBLIC PAVING PLAN & PROFILE

C7.01

M:\Projects\BRP\BRP24001\04-Production\Engineering\Sheets\BRP24001-PV3.dwg, 7/9/2024 8:59:51 AM, Jace Wick

NORTH MAY AVENUE



GRAPHIC SCALE
0 10 20 40
1 inch = 20 ft.

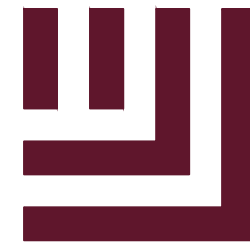
BENCHMARKS:

BM # 417 CUT "X" ON THE WEST CURB LINE OF PARKING
LOT SOUTH OF SUBJECT PROPERTY. ELEV.=1214.09

BM # 545 CUT "X" ELEV.=1212.95

GENERAL PAVEMENT AND MARKING NOTES:

1. CONTRACTOR TO VERIFY CONCRETE PAD FOR TRANSFORMER. TRANSFORMER PAD SHALL BE STANDARD LIGHT DUTY CONCRETE UNLESS OTHERWISE REQUIRED BY POWER COMPANY.
2. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST OKLAHOMA COUNTY AND ODOT STANDARDS AND SPECIFICATIONS AS APPLICABLE.
3. EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED/RESTORED TO THEIR ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER, BY THE CONTRACTOR RESPONSIBLE FOR THE DAMAGE.
4. CONTRACTOR SHALL NOTIFY "OKIE811" (811) OR 1-800-522-6543 AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "OKIE811". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
5. CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE UTILITY COMPANIES FOR ANY REQUIRED RELOCATIONS (I.E. POWER POLES, TELEPHONE PEDESTALS, WATER METERS, ETC.).
6. PRIOR TO BEGINNING CONSTRUCTION BEYOND EROSION CONTROL MEASURES, THE GENERAL CONTRACTOR SHALL SCHEDULE AND ATTEND A PRE-CONSTRUCTION CONFERENCE WITH THE LOCAL AND STATE MUNICIPALITY AND OKIE811, AND A REPRESENTATIVE OF THE ENGINEER AND OWNER IF REQUIRED. THE PURPOSE OF THIS MEETING IS TO REVIEW THE SPECIFIC COMPONENTS OF THE PLAN AND OPERATION OF THE FACILITIES DURING CONSTRUCTION.
7. ACCESSIBLE RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, LOCAL AND STATE MUNICIPALITY AND OKIE811.
8. ALL SIDEWALKS THAT CONNECT TO THE PUBLIC RIGHT-OF-WAY MUST BE ACCESSIBLE TO PERSONS WHO ARE BLIND, HAVE LOW VISION AND PEOPLE WITH MOBILITY DISABILITIES. PEDESTRIAN EXISTING ROUTES AND ALTERNATE PEDESTRIAN ROUTES DURING CONSTRUCTION WILL BE REQUIRED TO BE COMPLIANT WITH THE PUBLIC RIGHTS OF WAY ACCESSIBILITY GUIDELINES (PROWAG), 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
9. TYPICAL PAVEMENT SECTION DETAILS ARE SHOWN ARE INTENDED TO BE A MINIMUM PAVEMENT SECTION REQUIREMENTS. THE CURRENT GEOTECHNICAL REPORT SHALL OVER-RIDE ALL TYPICAL PAVEMENT SECTIONS SHOWN, IF THE GEOTECHNICAL ENGINEER DEEMS A HEAVIER SECTION IS REQUIRED.
10. EQUIPMENT AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED PROVIDED APPROVAL HAS BEEN OBTAINED FROM THE OWNER IN WRITING PRIOR TO ORDERING OR INSTALLATION. THE CONTRACTOR SHALL WAIVE ANY CLAIM FOR ADDITIONAL COST RELATED TO SUBSTITUTION OF ALTERNATE EQUIPMENT.
11. IF UNFORESEEN CONDITIONS DEVELOP DURING CONSTRUCTION, REFER TO THE LATEST VERSION OF THE LOCAL AND STATE MUNICIPALITY AND OKIE811 STANDARDS AND CONTACT PUBLIC WORKS STAFF FOR FURTHER GUIDANCE.
12. EXISTING UTILITIES AND STRUCTURES SHOWN, BOTH UNDERGROUND AND ABOVE GROUND, ARE BASED ON A FIELD SURVEY AND THE BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BEGINNING RELATED CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
13. SOIL UNDER BUILDINGS, PAVED AREAS AND WITHIN SLOPES GREATER THAN 3:1 (H:V) SHALL BE APPROVED, PLACED AND COMPACTED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
14. PREPARING, GRADING, SHAPING, AND COMPACTION OF SUBGRADE SOILS SHOULD BE PERFORMED IN ACCORDANCE WITH OKIE811 STANDARD SPECIFICATIONS. PREPARING, GRADING, SHAPING, AND COMPACTION OF AGGREGATE BASE COURSE (ABC) STONE SHOULD BE PERFORMED IN ACCORDANCE WITH OKIE811 STANDARD SPECIFICATIONS. PLACEMENT AND COMPACTION OF THE BITUMINOUS CONCRETE SHOULD BE PERFORMED IN ACCORDANCE OKIE811 STANDARD SPECIFICATIONS. PROPER SUBGRADE COMPACTION, ADHERENCE TO THE OKIE811 SPECIFICATIONS, AND COMPLIANCE WITH PROJECT PLANS AND SPECIFICATIONS ARE CRITICAL TO THE PERFORMANCE OF THE CONSTRUCTED PAVEMENT.
15. THE CONTRACTOR MAY CHOOSE TO INSTALL INTERMEDIATE COURSES OF PAVEMENT TO STABILIZE THE SITE DURING CONSTRUCTION AT NO ADDITIONAL COST. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ADEQUATE THICKNESS REQUIRED FOR INTERMEDIATE PAVING. INCREASES IN THE DESIGN PAVEMENT SECTION TO FACILITATE INTERMEDIATE PAVING SHALL BE PROVIDED AT NO ADDITIONAL COST.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGES TO SUBGRADE, INSTALLED BASE COURSE AND/OR INTERMEDIATE PAVING PRIOR TO PLACING SUBSEQUENT PAVEMENT LIFTS AT NO ADDITIONAL COST.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING PAVEMENT DURING ALL PHASES OF WORK. THE FINAL SURFACE OF PAVEMENT SHALL BE FREE OF ALL DEFECTS OR DAMAGE.
18. THE CONTRACTOR SHALL ENSURE THAT THE POWER POLE IS NOT DAMAGED DURING SIDEWALK INSTALLATION.
19. ALL STRIPING IN OKIE811 ROW SHALL BE THERMOPLASTIC.
20. SIGNAGE TO BE PERMITTED SEPARATELY BY SIGN COMPANY.
21. ALL RADI ARE 3' UNLESS OTHERWISE NOTED.
22. ALL DIMENSIONS ARE TO FACE OF CURB.



McAdams

The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

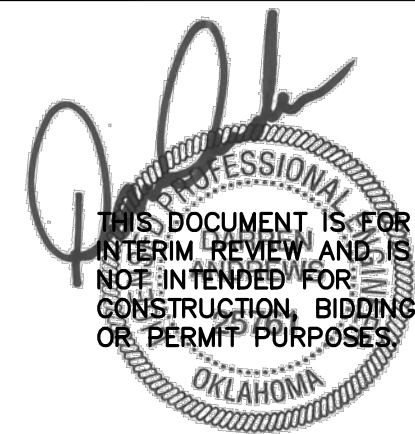
phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTH PARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



05/21/2024

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

PROJECT NO. BRP24001
FILENAME BRP24001-PV3.DWG
CHECKED BY TL
DRAWN BY JW
SCALE 1"=20'
DATE 05/21/2024

SHEET

**DIMENSIONAL
CONTROL PLAN**

C7.02



phone 972. 436. 9712

fax 972. 436. 9715

TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112

THIS DOCUMENT IS FOR
INTERIM REVIEW AND IS
NOT INTENDED FOR
CONSTRUCTION, BIDDING
OR PERMIT PURPOSES.

05/21/2024

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
|-----|------|-------------|

1

2

3

4

5
6

D

PLAN INFORMATION

PROJECT NO. BRP2400

FILENAME BRP24001-D1.DWG

CHECKED BY

DRAWN BY

DRAWN BY
DATE

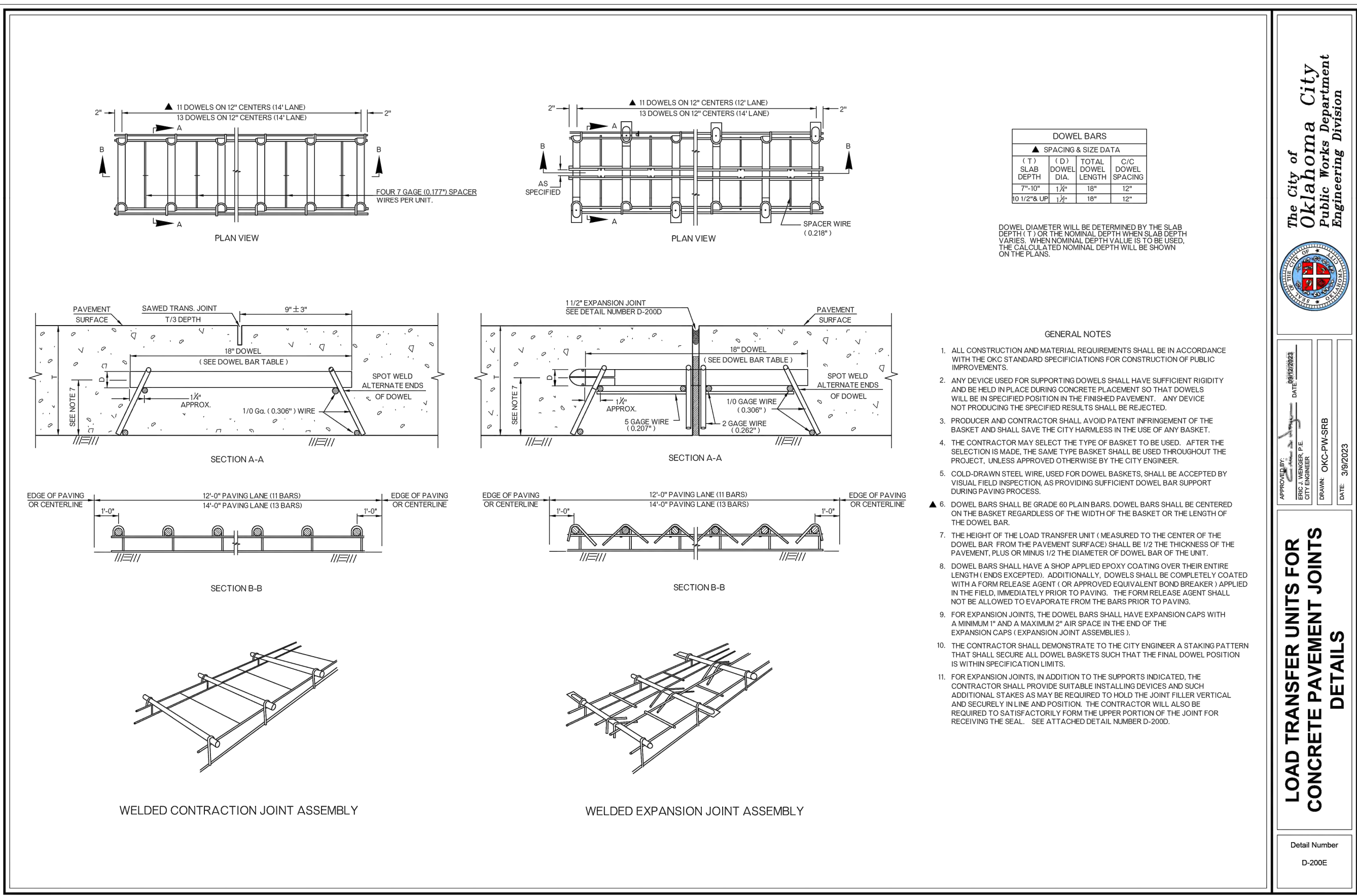
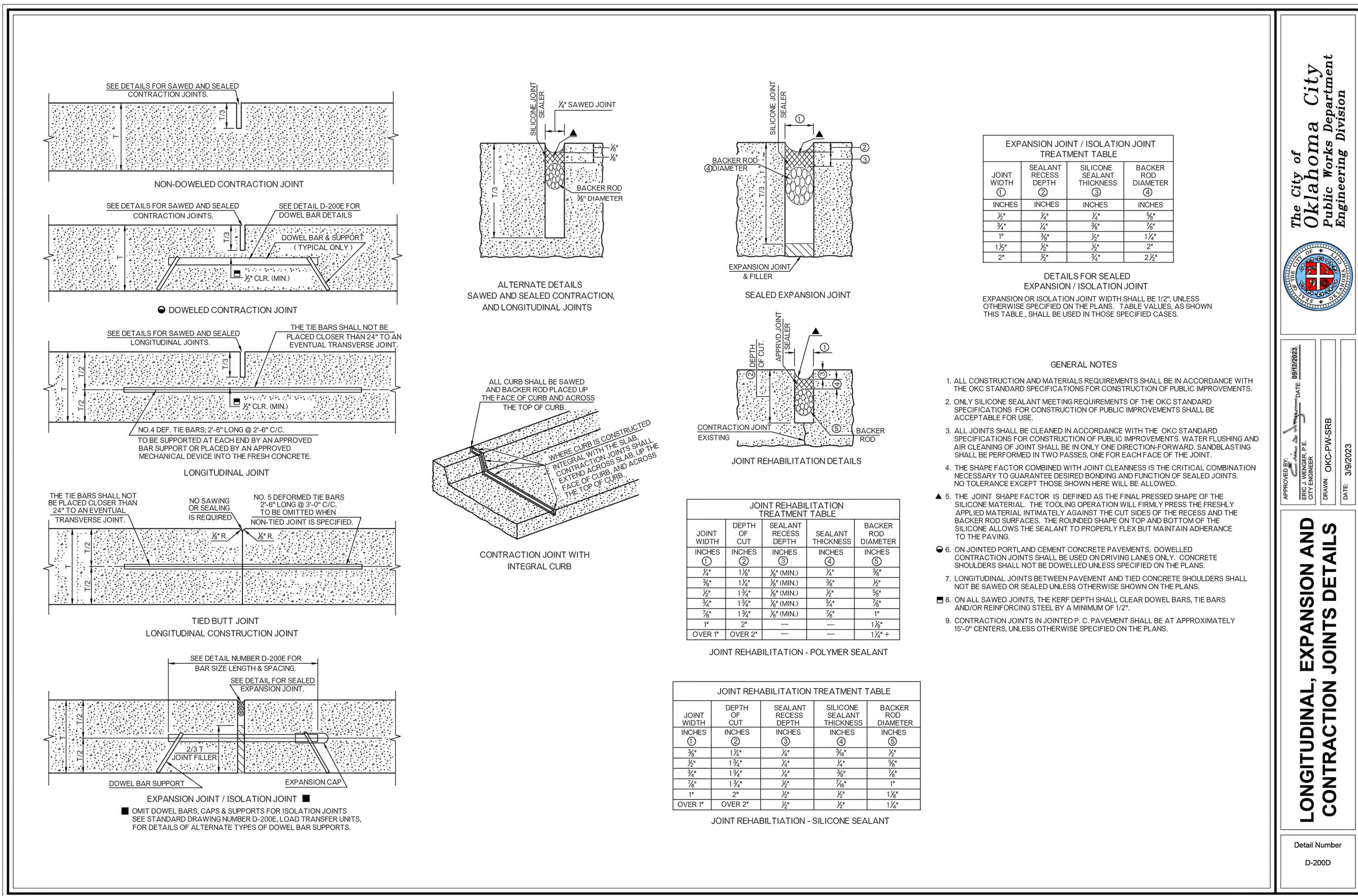
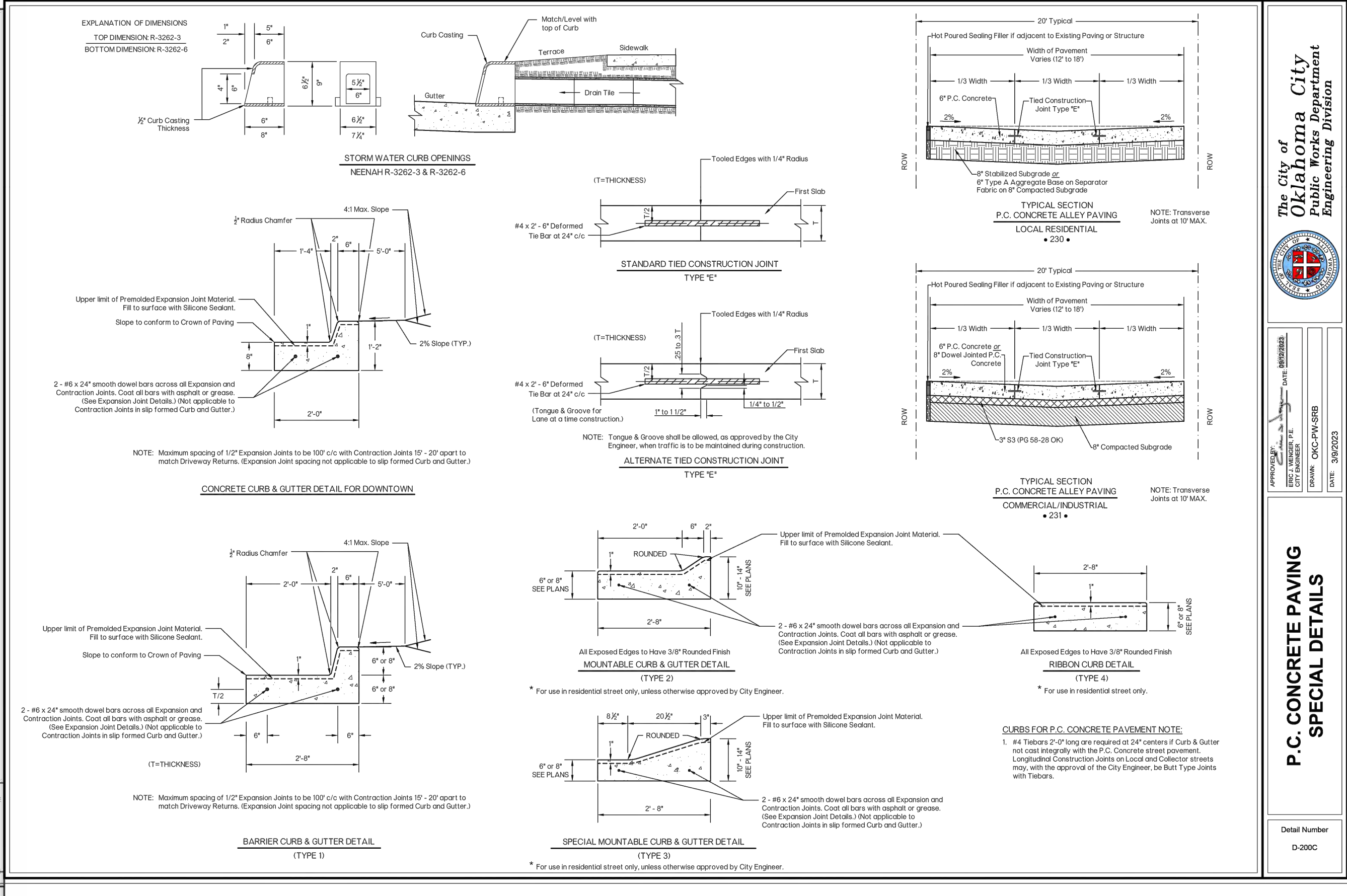
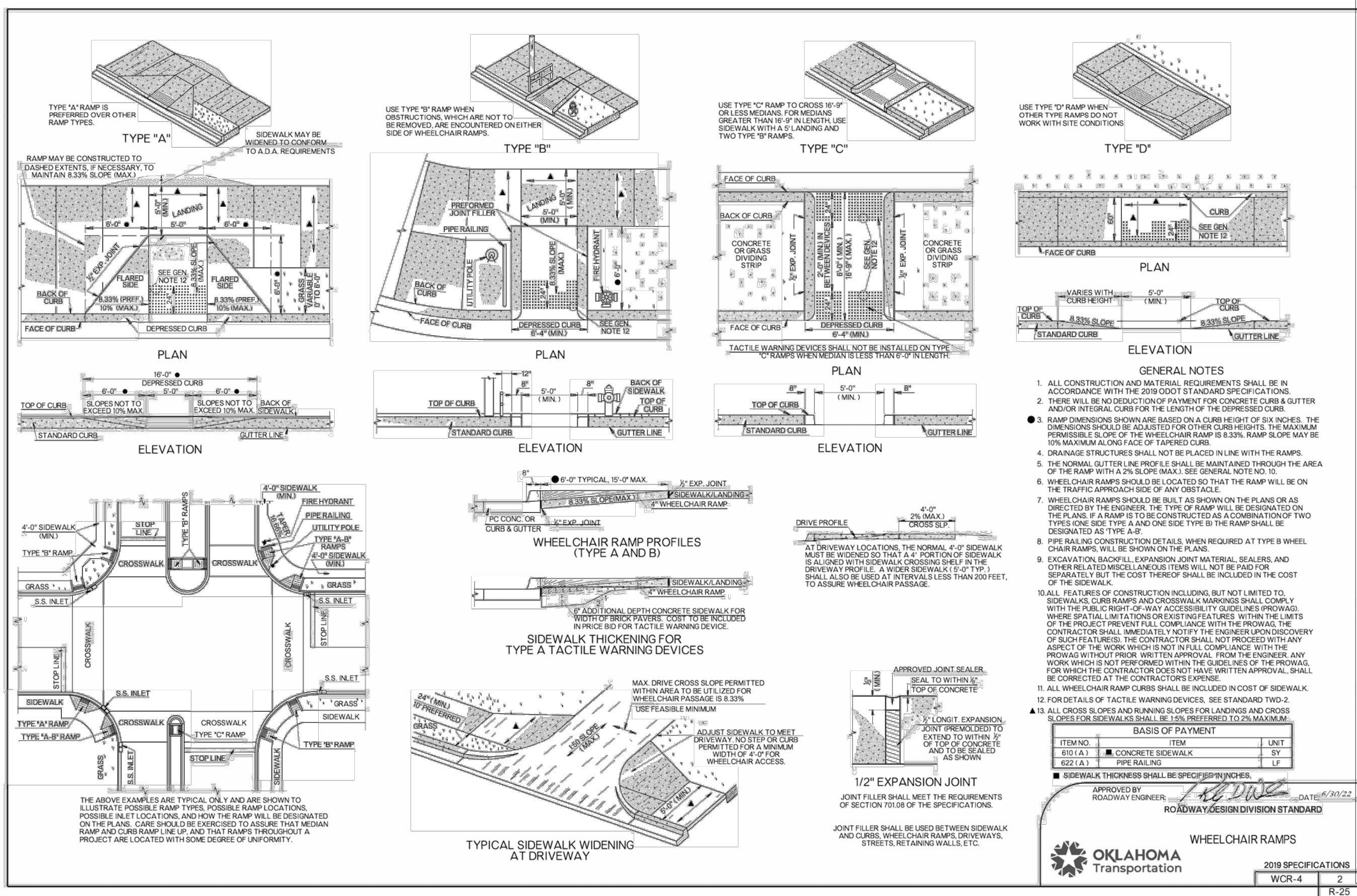
SCALE

DATE _____

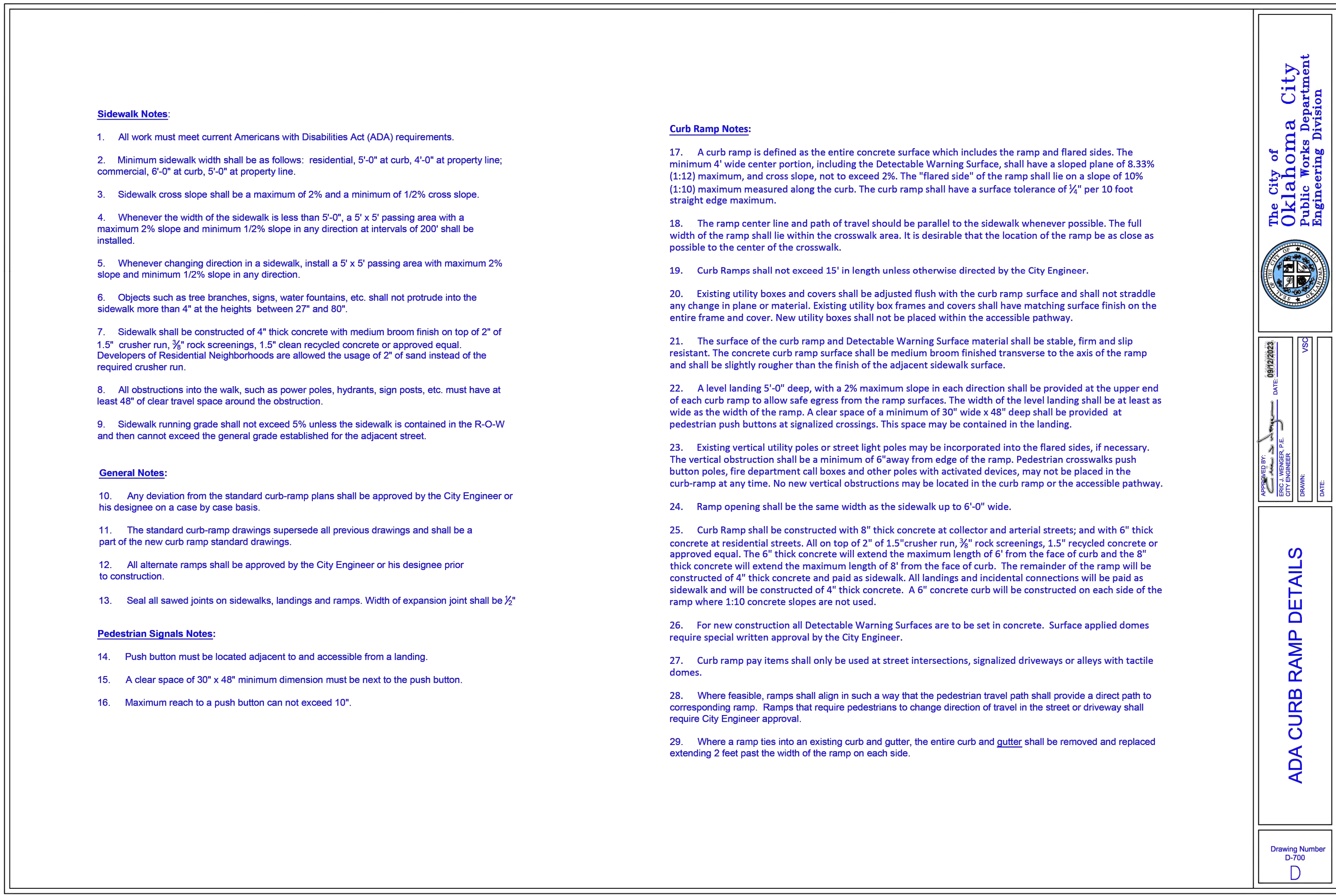
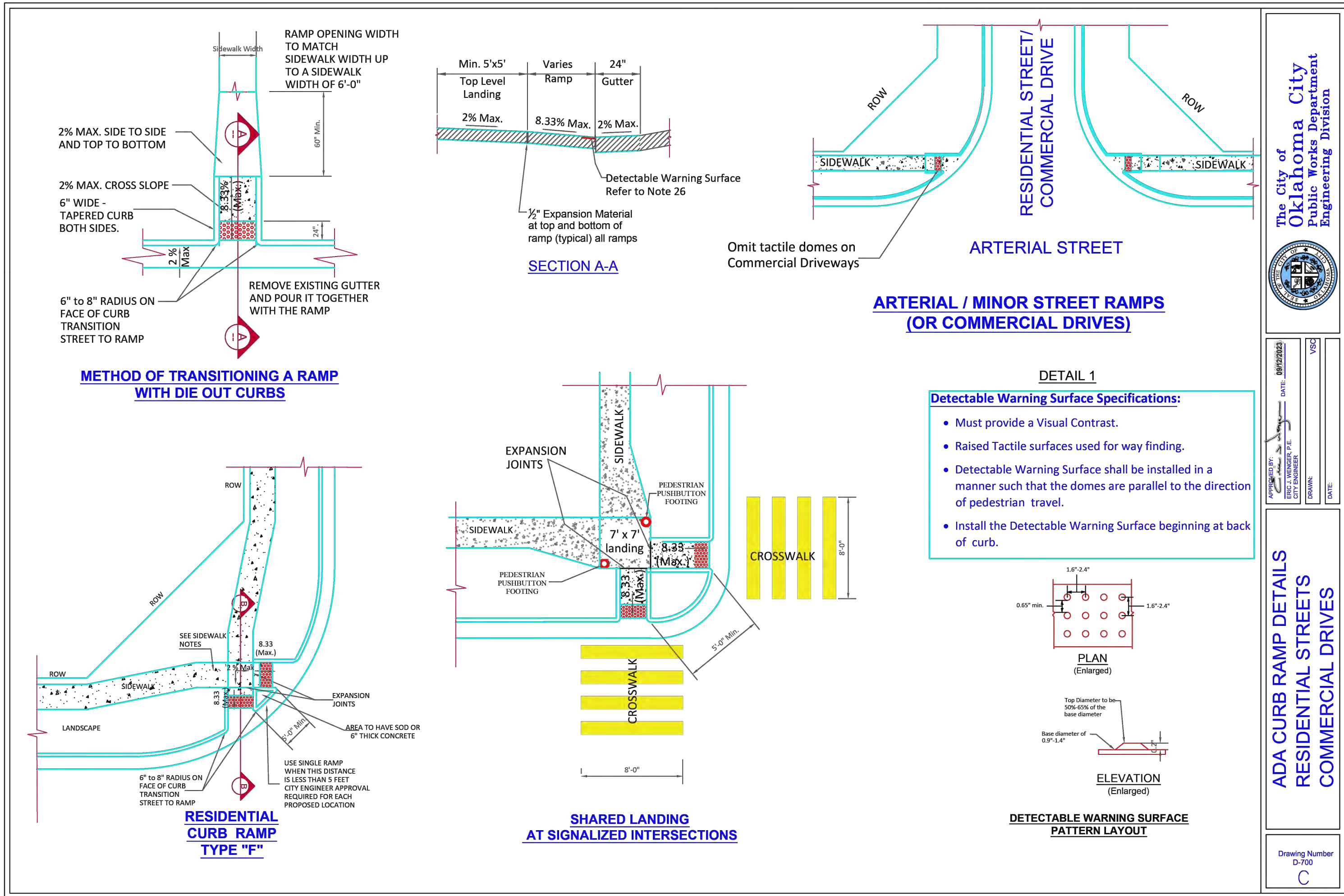
SHEET

STANDARD CONSTRUCTION DETAILS

C8.00



PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION



McADAMS

The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

phone 972. 436. 9712
fax 972. 436. 9715

TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

RNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112

THIS DOCUMENT IS FOR
INTERIM REVIEW AND IS
NOT INTENDED FOR
CONSTRUCTION, BIDDING
OR PERMIT PURPOSES.

05/21/2024

REVISIONS

| Nº. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

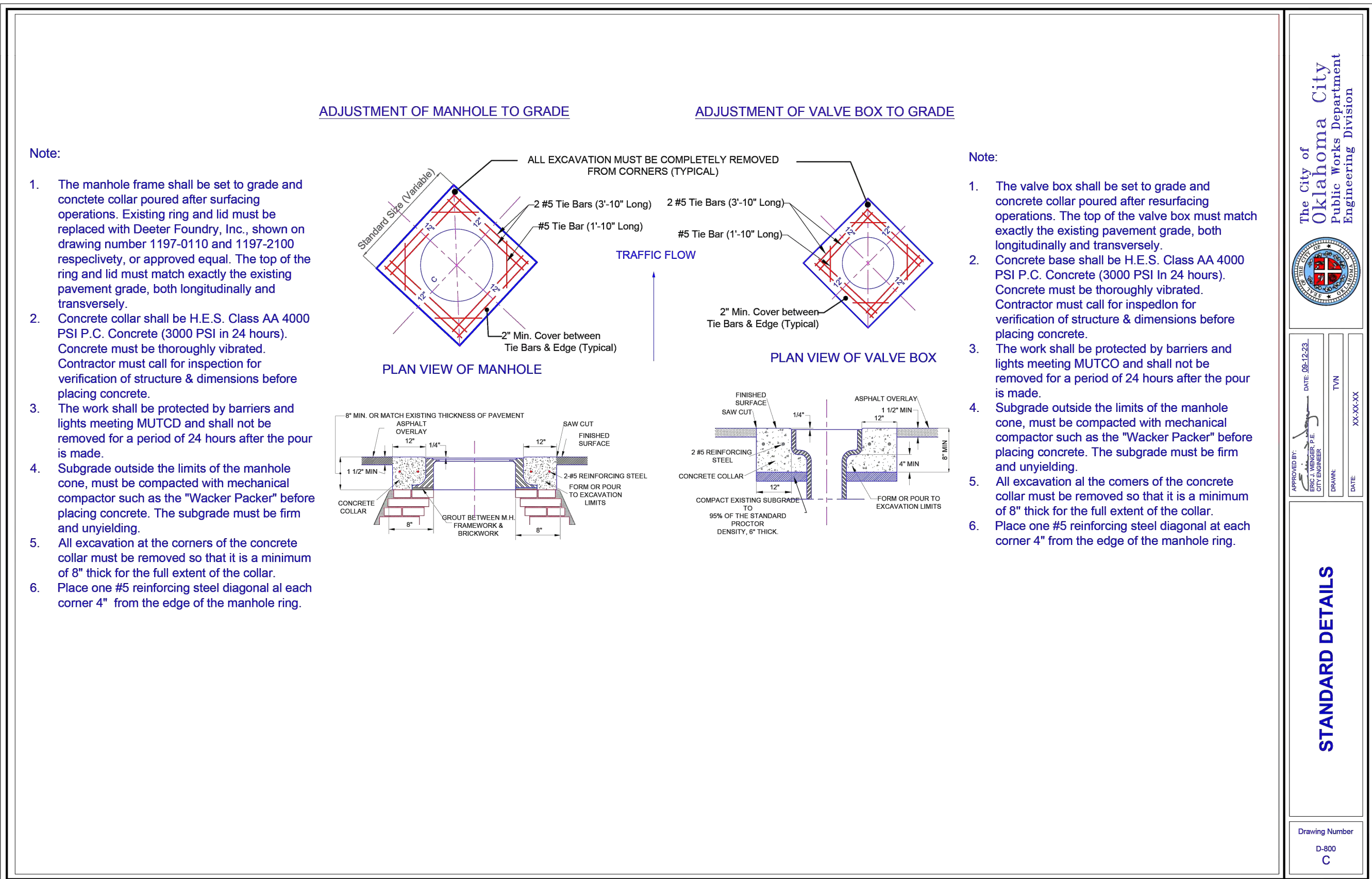
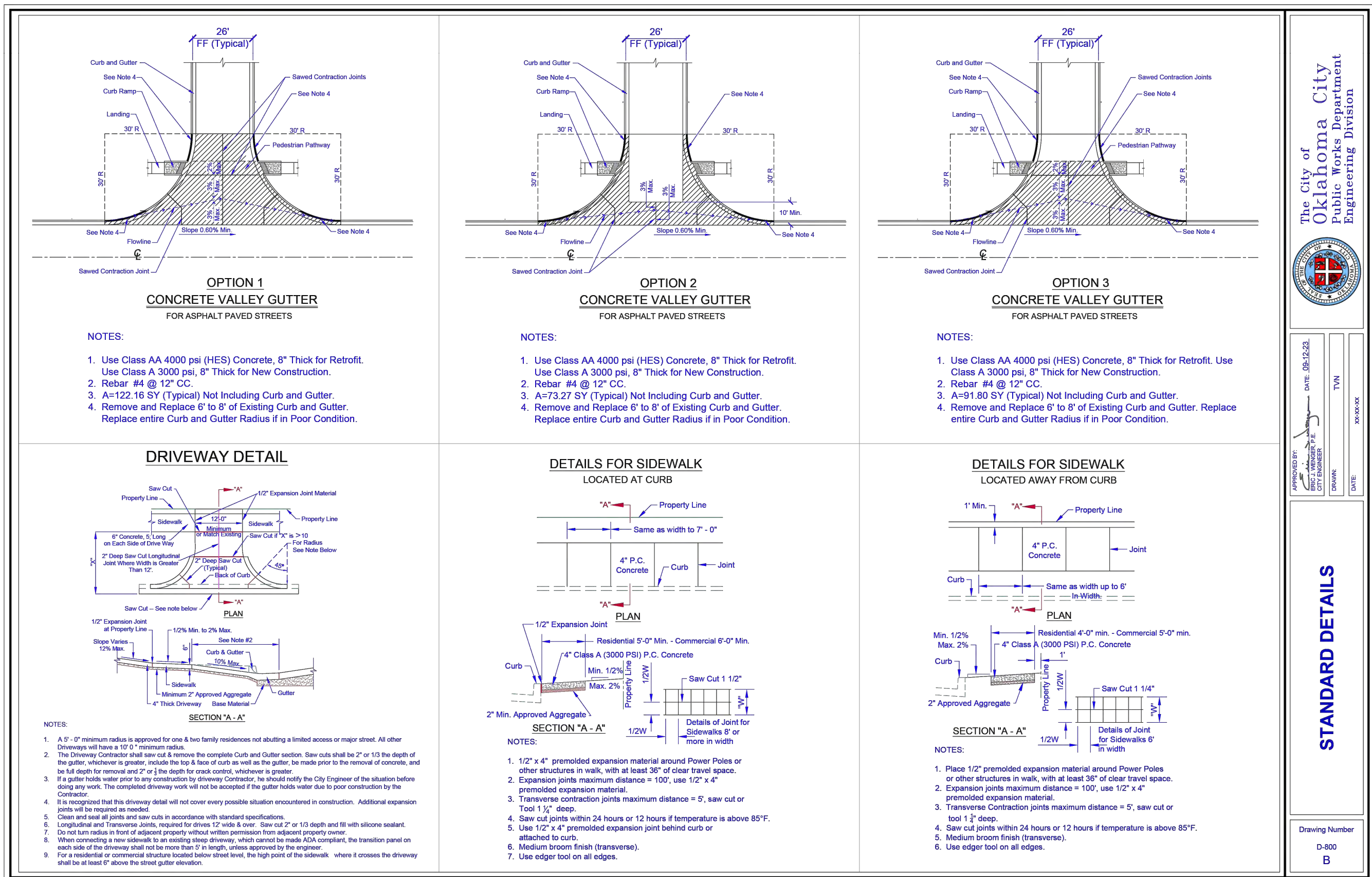
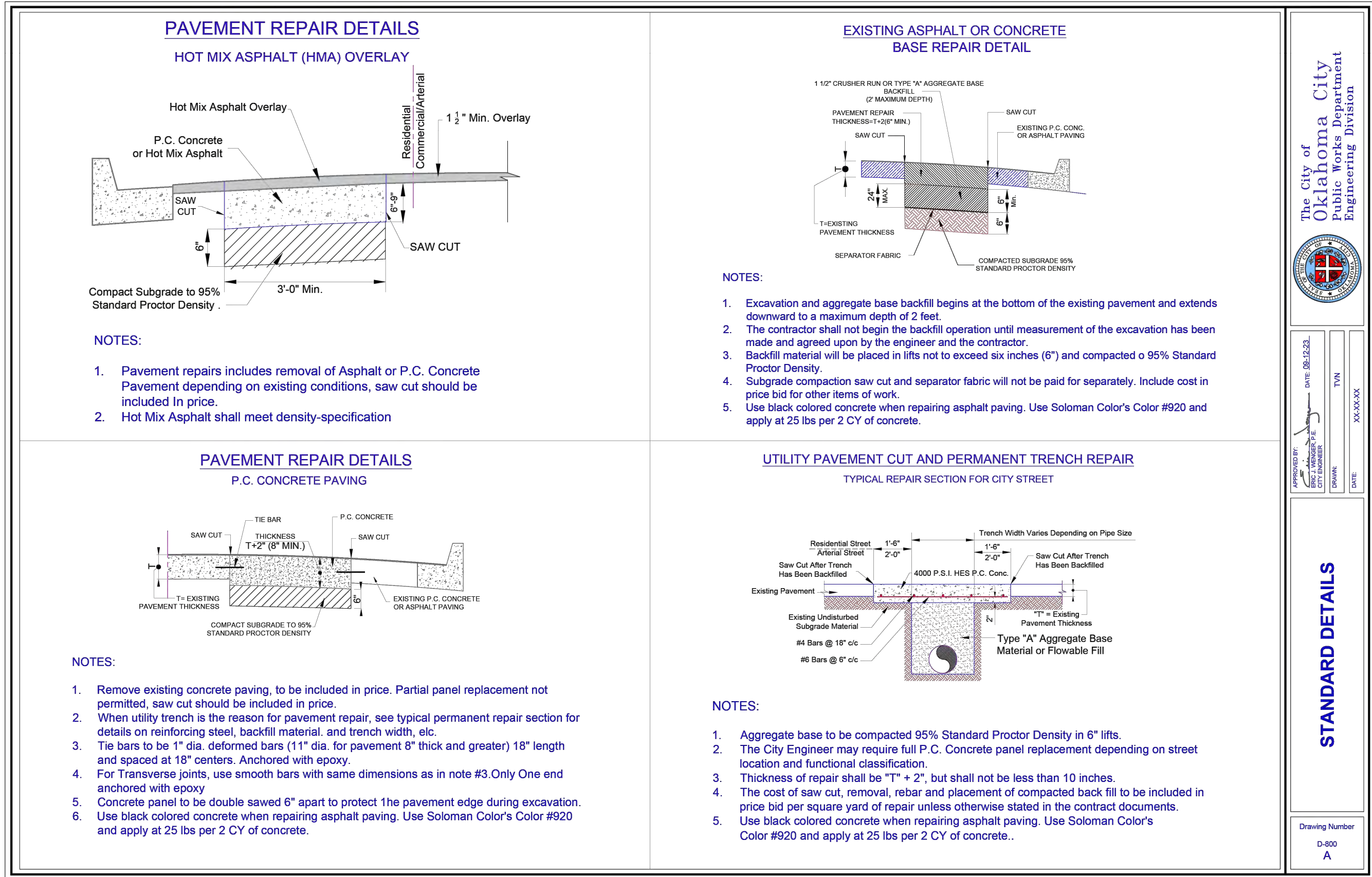
PLAN INFORMATION

| | |
|-------------|-----------------|
| PROJECT NO. | BRP24001 |
| FILENAME | BRP24001-D1.DWG |
| CHECKED BY | TL |
| DRAWN BY | JW |
| SCALE | N.T.S. |
| DATE | 05/21/2024 |

SHEET

STANDARD CONSTRUCTION DETAILS

C8.01



CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112

REVISIONS

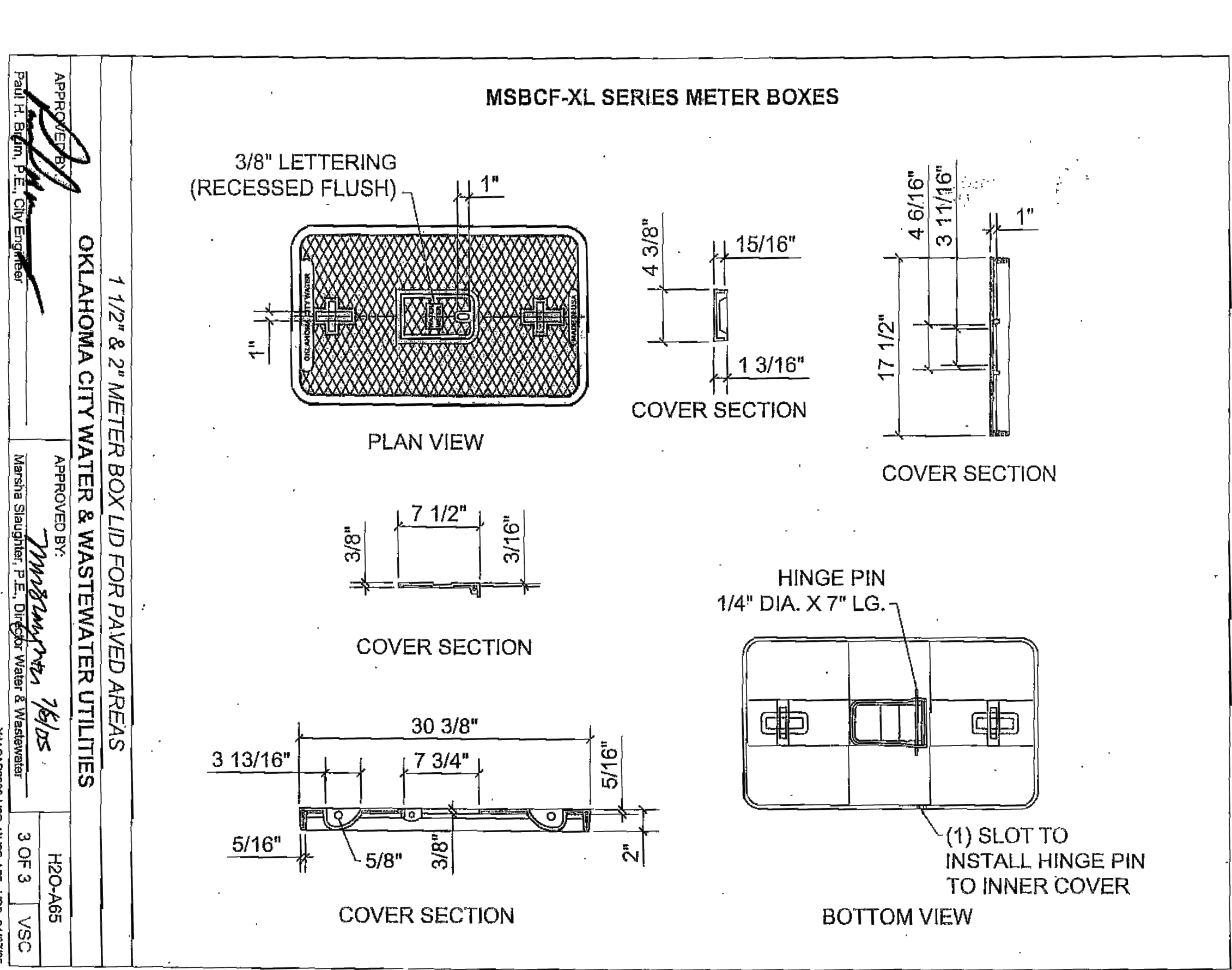
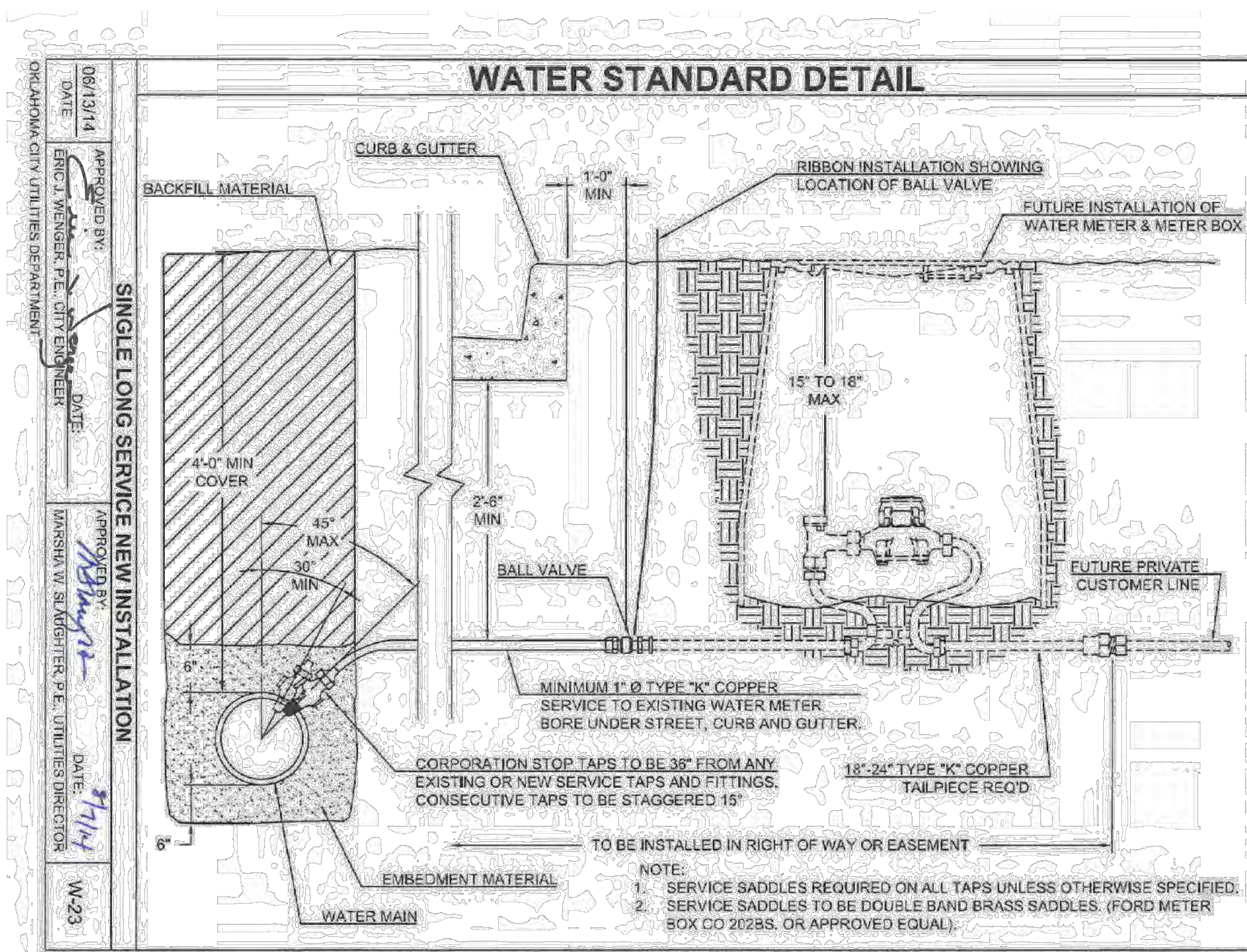
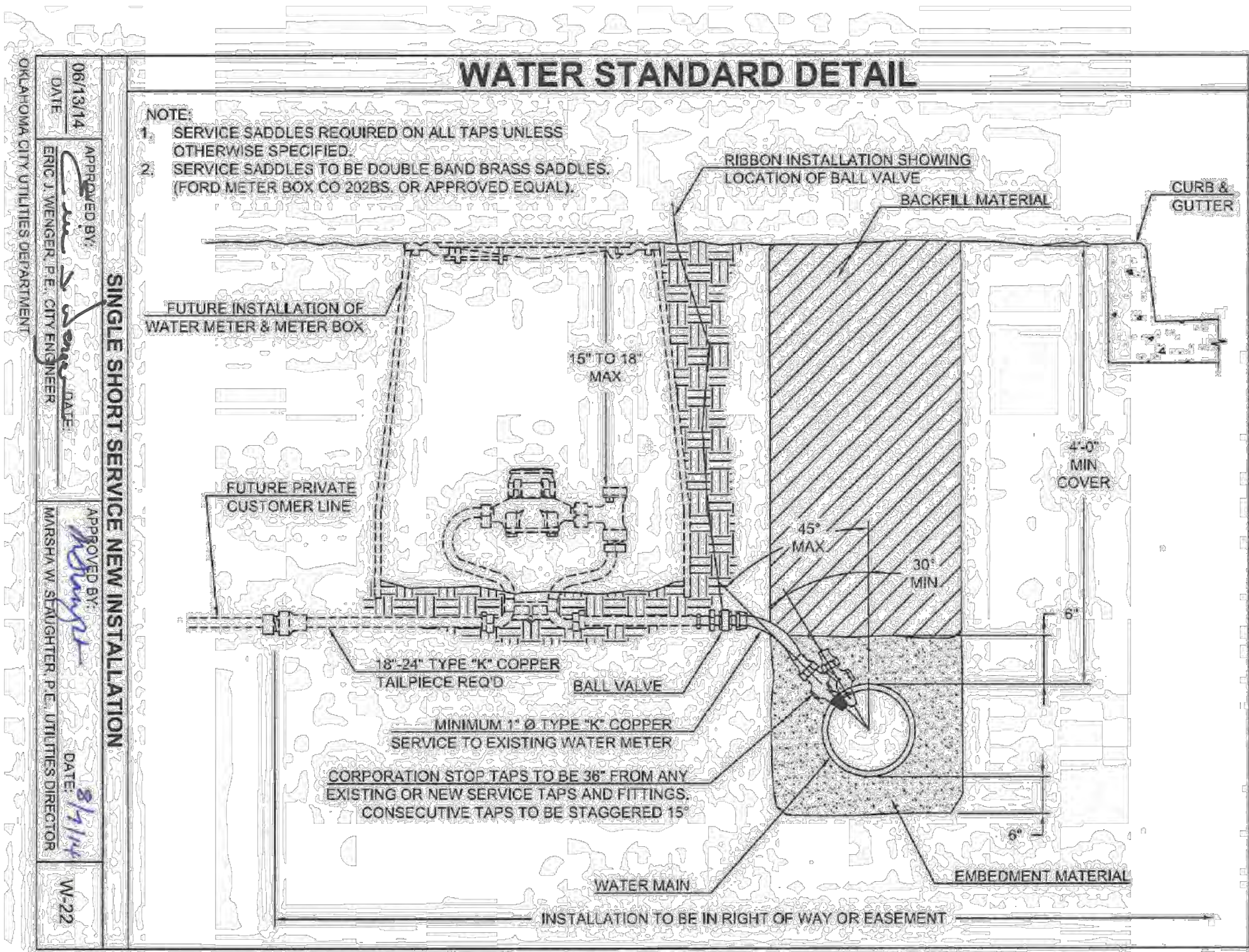
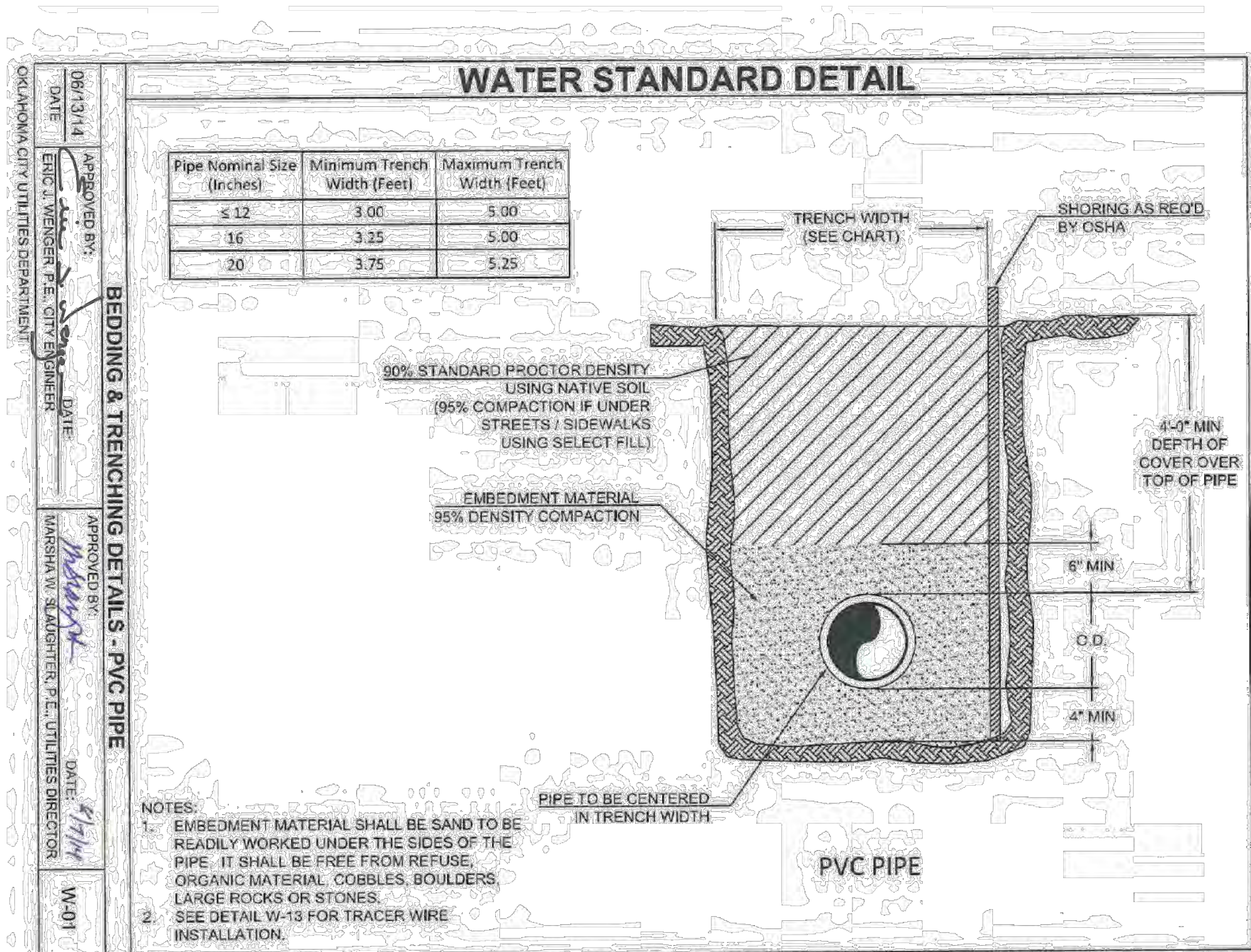
| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

PROJECT NO. BRP24001
FILENAME BRP24001-D1.DWG
CHECKED BY TL
DRAWN BY JW
SCALE N.T.S.
DATE 05/21/2024

SHEET

M:\Projects\BRP\BRP24001\04-Production\Engineering\Sheets\BRP24001-D1.dwg, 7/9/2024 9:02:34 AM, Jarc Wick



McADAMS
The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

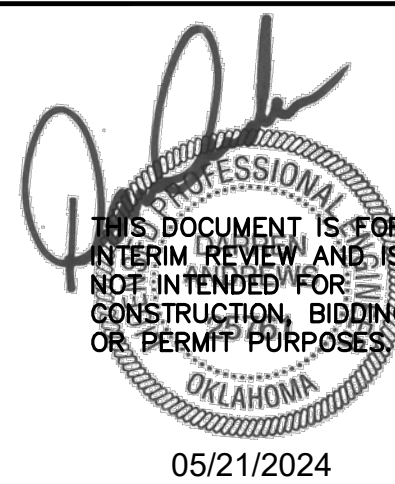
phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTH PARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

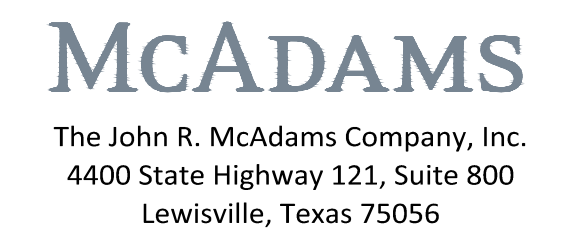
PLAN INFORMATION

PROJECT NO. BRP24001
FILENAME BRP24001-D1.DWG
CHECKED BY TL
DRAWN BY JW
SCALE N.T.S.
DATE 05/21/2024

SHEET

**STANDARD
CONSTRUCTION DETAILS**
C8.03

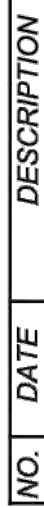
Plot Path: Z:\STANDARD DETAILS\2014\SEWERWORKING\SAW-STNDS\2014-SIGNED.DWG
 PLOTTED: Friday, March 28, 2014
 User: [Engineering] Sheets\BPE24001-01.dwg, 7/9/2014 9:00:42 AM, Jane Weick



www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI



**SANITARY SEWER
STANDARD DETAILS**

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112

THIS DOCUMENT IS FOR
INTERIM REVIEW AND IS
NOT INTENDED FOR
CONSTRUCTION, BIDDING
OR PERMIT PURPOSES.

05/21/2024

REVISIONS

| REVISIONS | | |
|-----------|------|-------------|
| NO | DATE | DESCRIPTION |

PLAN INFORMATION

| | |
|-------------|-----------------|
| PROJECT NO. | BRP24001 |
| FILENAME | BRP24001-D1.DWG |
| CHECKED BY | TL |
| DRAWN BY | JW |
| SCALE | N.T.S. |
| DATE | 05/21/2024 |

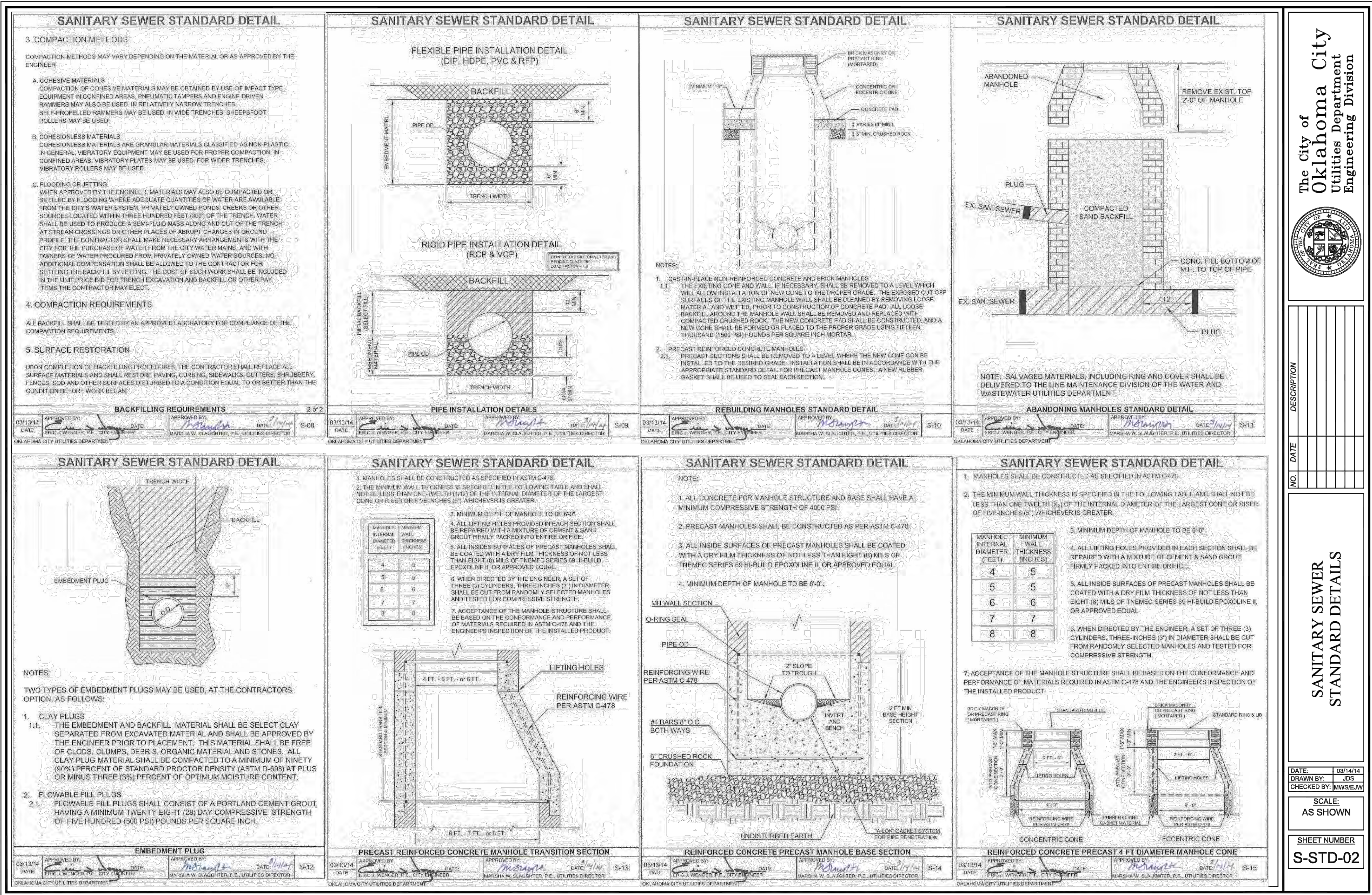
SHEET

STANDARD CONSTRUCTION DETAILS

C8.04

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

MA\Projects\BRP\BRP24001\04 Production\Engineering\Sheets\BRP24001-D1.dwg, 2/9/2024 9:00:49 AM, Jaci Wick
PLOTTED: Friday, March 28, 2014 3:10:47 PM
FILE PATH: Z:\STANDARD DETAILS & WATER METER SPECIFICATIONS\UPDATED STANDARD DETAILS 2014\SEWERWORKING\SAN-SEW-STD05-2014-SIGNED.DWG



McADAMS

The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTH PARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112

PROFESSIONAL SEAL

THIS DOCUMENT IS FOR
INTERIM REVIEW AND IS
NOT INTENDED FOR
CONSTRUCTION, BIDDING,
OR PERMIT PURPOSES.

05/21/2024

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

PROJECT NO. BRP24001
FILENAME BRP24001-D1.DWG
CHECKED BY TL
DRAWN BY JW
SCALE N.T.S.
DATE 05/21/2024

SHEET

**STANDARD
CONSTRUCTION DETAILS**

C8.05

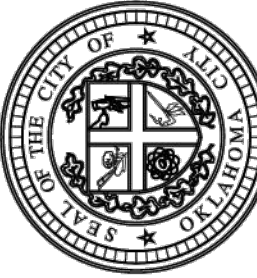
| SANITARY SEWER STANDARD DETAIL | | SANITARY SEWER STANDARD DETAIL | | SANITARY SEWER STANDARD DETAIL | | SANITARY SEWER STANDARD DETAIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------------|----------------------------------|---------------------------------|--------------------------------|---|--------------------------------|---|---|---|---|---|---|---|---|--|---|--|---------------------------------|--|---|---|-----------------|----|-------------|-----|-----------------|-----|-----------------|-----|--------------|-----|---------------|-----|---------------|-----|-------------------|-----|-------------------|-----|---|--|--|-----------|------------|--------|--|---------|---------|---------|--|--|---|--|---|--|
| <p>1. MANHOLES SHALL BE CONSTRUCTED AS SPECIFIED IN ASTM C-478.</p> <p>2. THE MINIMUM WALL THICKNESS IS SPECIFIED IN THE FOLLOWING TABLE AND SHALL NOT BE LESS THAN ONE-TWELTH (1/12) OF THE INTERNAL DIAMETER OF THE LARGEST CONE OR RISER OR FIVE INCHES (5") WHICHEVER IS GREATER.</p> <table><thead><tr><th>MANHOLE INTERNAL DIAMETER (FEET)</th><th>MINIMUM WALL THICKNESS (INCHES)</th></tr></thead><tbody><tr><td>4</td><td>5</td></tr><tr><td>5</td><td>5</td></tr><tr><td>6</td><td>6</td></tr><tr><td>7</td><td>7</td></tr><tr><td>8</td><td>8</td></tr></tbody></table> <p>3. ALL LIFTING HOLES PROVIDED IN EACH SECTION SHALL BE REPAIRED WITH A MIXTURE OF CEMENT AND SAND GROUT FIRMLY PACKED INTO ENTIRE ORIFICE.</p> <p>4. ALL INSIDE SURFACES OF PRECAST MANHOLES SHALL BE COATED WITH A DRY FILM THICKNESS OF NOT LESS THAN EIGHT (8) MILS OF TNEC SERIES 89 HI-BUILD EPOXYLINE II, OR APPROVED EQUAL.</p> <p>5. WHEN DIRECTED BY THE ENGINEER, A SET OF THREE (3) CYLINDERS, THREE INCHES (3") IN DIAMETER SHALL BE CUT FROM RANDOMLY SELECTED MANHOLES AND TESTED FOR COMPRESSIVE STRENGTH.</p> <p>6. ACCEPTANCE OF THE MANHOLE STRUCTURE SHALL BE BASED ON THE CONFORMANCE AND PERFORMANCE OF MATERIALS REQUIRED IN ASTM C-478 AND THE ENGINEER'S INSPECTION OF THE INSTALLED PRODUCT.</p> <p>PRECAST MANHOLE WALL DETAIL</p> <p>03/13/14 DATE: ERIC J. WENGER, P.E., CITY ENGINEER APPROVED BY: MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR OKLAHOMA CITY UTILITIES DEPARTMENT</p> | | MANHOLE INTERNAL DIAMETER (FEET) | MINIMUM WALL THICKNESS (INCHES) | 4 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | <p>1. MANHOLE TOPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C-478 LIFTING HOOPS SHALL BE CONSTRUCTED AS PER MANUFACTURER'S RECOMMENDATION.</p> <p>2. ALL INSIDE SURFACES OF PRECAST FLAT TOP SHALL BE COATED WITH A DRY FILM THICKNESS OF NOT LESS THAN EIGHT (8) MILS OF TNEC 89 HI-BUILD EPOXYLINE II, OR APPROVED EQUAL.</p> <p>3. WHEN DIRECTED BY THE ENGINEER, A SET OF THREE (3) CYLINDERS, THREE INCHES (3") IN DIAMETER SHALL BE CUT FROM RANDOMLY SELECTED MANHOLE TOPS AND TESTED FOR A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.</p> <p>4. ACCEPTANCE OF THE MANHOLE TOP STRUCTURE SHALL BE BASED ON THE CONFORMANCE AND PERFORMANCE OF MATERIALS REQUIRED IN ASTM C-478 AND THE ENGINEER'S INSPECTION OF THE INSTALLED PRODUCT.</p> <p>PRECAST REINFORCED CONCRETE FLAT SLAB MANHOLE TOP</p> <p>03/13/14 DATE: ERIC J. WENGER, P.E., CITY ENGINEER APPROVED BY: MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR OKLAHOMA CITY UTILITIES DEPARTMENT</p> | | <p>1. ALL PIPE CLAMPS SHALL BE STAINLESS STEEL.</p> <p>2. NEOPRENE EPDM BLENDED COMPOUND BOOT SHALL MEET ASTM C-923.</p> <table><thead><tr><th colspan="2">SUGGESTED PIPE TO SCHEDULE (IN)</th></tr><tr><th>A</th><th>B</th></tr></thead><tbody><tr><td>3 1/2" - 4 1/2"</td><td>7"</td></tr><tr><td>5 1/2" - 7"</td><td>10"</td></tr><tr><td>7 1/2" - 8 1/2"</td><td>12"</td></tr><tr><td>8 1/2" - 9 1/2"</td><td>14"</td></tr><tr><td>9 1/2" - 11"</td><td>16"</td></tr><tr><td>10 1/2" - 12"</td><td>18"</td></tr><tr><td>12" - 13 1/2"</td><td>20"</td></tr><tr><td>14 1/2" - 16 1/2"</td><td>24"</td></tr><tr><td>18 1/2" - 21 1/2"</td><td>30"</td></tr></tbody></table> <p>MANHOLE PIPE CONNECTION FOR CAST IN PLACE MANHOLES</p> <p>03/13/14 DATE: ERIC J. WENGER, P.E., CITY ENGINEER APPROVED BY: MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR OKLAHOMA CITY UTILITIES DEPARTMENT</p> | | SUGGESTED PIPE TO SCHEDULE (IN) | | A | B | 3 1/2" - 4 1/2" | 7" | 5 1/2" - 7" | 10" | 7 1/2" - 8 1/2" | 12" | 8 1/2" - 9 1/2" | 14" | 9 1/2" - 11" | 16" | 10 1/2" - 12" | 18" | 12" - 13 1/2" | 20" | 14 1/2" - 16 1/2" | 24" | 18 1/2" - 21 1/2" | 30" | <p>1. GENERAL -- Cast iron rings, tops, covers, grating and all cast iron fitting shall be sound, true to form and thickness, and neatly finished and shall fit together in a satisfactory manner. Castings shall be clean, uniform and white without blow or sand holes, deposit, hard spots, shrinkage distortion or any other surface defects which would impair serviceability. Casting surfaces shall be smooth and well-cleaned by shot blasting or other approved cleaning method. Plugging or filling holes or other defects shall not be permitted. Parting lines and pouring gates shall be removed. Sharp edges resulting from fabrication shall be dulled by acceptable method to ensure safety in handling. Casting shall conform to the requirements of the Standard Specification for Grey Iron Fittings ASTM A-48, Class "30 B" for rings and "35 B" for covers and the approved Standard Details for Manhole Rings and Covers.</p> <p>All rings and covers shall be accurately and carefully placed. All rings shall be beaded in a substantial layer of mortar, shall have a full bearing and shall be set to the exact grade. Unless otherwise shown, top of covers shall be flush with or slightly above the surrounding surface. When each cover is placed in any position on the ring, the side play shall not exceed one-eighth (1/8") inch in any direction.</p> <p>2. RINGS -- Rings may be manufactured in accordance with the Standard Detail for Reversible Manhole Rings.</p> <p>3. COVERS --</p> <p>A. GENERAL -- Manhole covers may be manufactured in accordance with the appropriate Standard Details for Vented or Non-Vented Covers.</p> <p>B. COATINGS -- When called for on the plans or specified, the underside of all manhole covers shall be given one (1) coat of asphalt varnish after visual inspection and approval on the job site.</p> <p>C. APPLICATION -- All lids (covers) in street right-of-way shall be non-vented and include rain guard inflow protectors.</p> <p>4. CASTING WEIGHTS -- The minimum weight of casting will be not less than shown below:</p> <table><thead><tr><th></th><th>Ring Only</th><th>Cover Only</th><th>Totals</th></tr></thead><tbody><tr><td></td><td>200 LBS</td><td>150 LBS</td><td>350 LBS</td></tr></tbody></table> <p>MANHOLE LID / RING GENERAL NOTES</p> <p>03/13/14 DATE: ERIC J. WENGER, P.E., CITY ENGINEER APPROVED BY: MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR OKLAHOMA CITY UTILITIES DEPARTMENT</p> | | | Ring Only | Cover Only | Totals | | 200 LBS | 150 LBS | 350 LBS | <p>1. FINISH EXCESS IRON AND FINIS. MACHINE SEATING SURFACES FLAT TO NOTE DIMENSIONS.</p> <p>2. FILLETS SHALL BE 1/4" UNLESS OTHERWISE SPECIFIED.</p> <p>3. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE IN INCHES.</p> <p>REVERSIBLE MANHOLE RING</p> <p>03/13/14 DATE: ERIC J. WENGER, P.E., CITY ENGINEER APPROVED BY: MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR OKLAHOMA CITY UTILITIES DEPARTMENT</p> | | <p>1. FINISH EXCESS IRON AND FINIS. MACHINE SEATING SURFACES FLAT TO NOTE DIMENSIONS.</p> <p>2. FILLETS SHALL BE 1/4" UNLESS OTHERWISE SPECIFIED.</p> <p>3. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE IN INCHES.</p> <p>VENTED MANHOLE COVER</p> <p>03/13/14 DATE: ERIC J. WENGER, P.E., CITY ENGINEER APPROVED BY: MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR OKLAHOMA CITY UTILITIES DEPARTMENT</p> | | <p>1. FINISH EXCESS IRON AND FINIS. MACHINE SEATING SURFACES FLAT TO NOTE DIMENSIONS.</p> <p>2. FILLETS SHALL BE 1/4" UNLESS OTHERWISE SPECIFIED.</p> <p>3. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE IN INCHES.</p> <p>VENTED MANHOLE COVER</p> <p>03/13/14 DATE: ERIC J. WENGER, P.E., CITY ENGINEER APPROVED BY: MARSHA W. SLAUGHTER, P.E., UTILITIES DIRECTOR OKLAHOMA CITY UTILITIES DEPARTMENT</p> | |
| MANHOLE INTERNAL DIAMETER (FEET) | MINIMUM WALL THICKNESS (INCHES) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUGGESTED PIPE TO SCHEDULE (IN) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 1/2" - 4 1/2" | 7" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 1/2" - 7" | 10" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 1/2" - 8 1/2" | 12" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 1/2" - 9 1/2" | 14" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 1/2" - 11" | 16" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 1/2" - 12" | 18" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12" - 13 1/2" | 20" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 1/2" - 16 1/2" | 24" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 1/2" - 21 1/2" | 30" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Ring Only | Cover Only | Totals | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 200 LBS | 150 LBS | 350 LBS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

| SANITARY SEWER STANDARD DETAILS | |
|---------------------------------|----------|
| DATE: | 03/14/14 |
| DRAWN BY: | JDS |
| CHECKED BY: | MWS/EJW |
| SCALE: AS SHOWN | |
| SHEET NUMBER S-STD-03 | |

| SANITARY SEWER STANDARD DETAIL | | SANITARY SEWER STANDARD DETAIL | | SANITARY SEWER STANDARD DETAIL | | SANITARY SEWER STANDARD DETAIL | |
|---|--|---|--|---|--|--|--|
| | | | | | | <p>1. EXTERNAL CONNECTIONS FOR NEW CONSTRUCTION</p> <p>a. WYE BRANCHES -- For new construction there shall be installed wye branches of size and type shown on the plans with six (6") inch openings at locations shown on the plans or as described by the Engineer.</p> <p>b. ELECTRO FUSION BONDED SADDLES -- For new construction using "Trenchless Construction" technology with HDPE pipe, service connections shall be installed with an electro fusion bonded saddle.</p> <p>2. EXTERNAL CONNECTION TO EXISTING MAIN -- Connections to existing main may be accomplished as follows:</p> <p>a. SADDLES -- Connections may be made by excavating the existing main and cutting a hole using approved equipment and installing a saddle. Sewer service connections constructed with saddles shall include straps, a one-eighth (1/8") degree bend, and a closure piece. When existing main has been rehabilitated by trenchless method of construction, the saddle connection shall be made to the pipe/liner.</p> <p>b. TEES -- Connections may be made by removing a section of existing pipe and installing a wye branch. Fittings and closure assembly shall be used to make the connection and shall be supplied in a normal diameter or six (6") inches. The external connection shall be considered complete when backfilling and surface restoration is complete. Service connections constructed with wye branches shall include a one-eighth (1/8") degree bend, elbow, and when required, a closure piece.</p> <p>3. RISER</p> <p>a. INSTALLATION -- The pipe may be installed in one of four ways shown on "Service Connection Details." Vertical installation is only approved if approved by the City Engineer.</p> <p>b. SIZE AND MATERIAL -- The riser pipe shall be four inch (4") PVC.</p> <p>4. LOCATOR TAPE -- A locator tape, green in color stating "CAUTION -- SANITARY SEWER RISER BURIED BELOW" shall be attached to the sanitary sewer riser and extended to a minimum of two (2') feet above the ground, the tape shall be three (3") inch wide DuraTac as manufactured by THOR Enterprises, Inc., of Sun Prairie, Wisconsin or approved equal.</p> | |
| <p>GENERAL NOTES:</p> <p>1. FINISH EXCESS IRON AND FINISH MACHINE SEATING SURFACES FLAT TO NOTE DIMENSIONS.</p> <p>2. FILLETS SHALL BE 1/4" UNLESS OTHERWISE SPECIFIED.</p> <p>3. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE IN INCHES.</p> | | <p>GENERAL NOTES:</p> <p>1. FINISH EXCESS IRON AND FINISH MACHINE SEATING SURFACES FLAT TO NOTE DIMENSIONS.</p> <p>2. FILLETS SHALL BE 1/4" UNLESS OTHERWISE SPECIFIED.</p> <p>3. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE IN INCHES.</p> | | <p>GENERAL NOTES:</p> <p>1. FINISH EXCESS IRON AND FINISH MACHINE SEATING SURFACES FLAT TO NOTE DIMENSIONS.</p> <p>2. FILLETS SHALL BE 1/4" UNLESS OTHERWISE SPECIFIED.</p> <p>3. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE IN INCHES.</p> | | <p>GENERAL NOTES:</p> <p>1. FINISH EXCESS IRON AND FINISH MACHINE SEATING SURFACES FLAT TO NOTE DIMENSIONS.</p> <p>2. FILLETS SHALL BE 1/4" UNLESS OTHERWISE SPECIFIED.</p> <p>3. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE IN INCHES.</p> | |
| <p>NON-VENTED MANHOLE COVER</p> <p>1 of 2</p> <p>03/13/14 DATE: 03/13/14 APPROVED BY: [Signature] DATE: 3/11/14 S-24</p> <p>OKLAHOMA CITY UTILITIES DEPARTMENT</p> | | <p>NON-VENTED MANHOLE COVER</p> <p>2 of 2</p> <p>03/13/14 DATE: 03/13/14 APPROVED BY: [Signature] DATE: 3/11/14 S-25</p> <p>OKLAHOMA CITY UTILITIES DEPARTMENT</p> | | <p>SERVICE CONNECTION INSTALLATION</p> <p>03/13/14 DATE: 03/13/14 APPROVED BY: [Signature] DATE: 3/11/14 S-26</p> <p>OKLAHOMA CITY UTILITIES DEPARTMENT</p> | | <p>SERVICE CONNECTION INSTALLATION</p> <p>03/13/14 DATE: 03/13/14 APPROVED BY: [Signature] DATE: 3/11/14 S-27</p> <p>OKLAHOMA CITY UTILITIES DEPARTMENT</p> | |
| <p>SANITARY SEWER STANDARD DETAIL</p> <p>1 of 2</p> <p>03/13/14 DATE: 03/13/14 APPROVED BY: [Signature] DATE: 3/11/14 S-28</p> <p>OKLAHOMA CITY UTILITIES DEPARTMENT</p> | | <p>SANITARY SEWER STANDARD DETAIL</p> <p>2 of 2</p> <p>03/13/14 DATE: 03/13/14 APPROVED BY: [Signature] DATE: 3/11/14 S-29</p> <p>OKLAHOMA CITY UTILITIES DEPARTMENT</p> | | | | | |
| <p>BORE AND ENCASEMENT DETAIL</p> <p>1 of 2</p> <p>03/13/14 DATE: 03/13/14 APPROVED BY: [Signature] DATE: 3/11/14 S-28</p> <p>OKLAHOMA CITY UTILITIES DEPARTMENT</p> | | <p>BORE AND ENCASEMENT DETAIL</p> <p>2 of 2</p> <p>03/13/14 DATE: 03/13/14 APPROVED BY: [Signature] DATE: 3/11/14 S-29</p> <p>OKLAHOMA CITY UTILITIES DEPARTMENT</p> | | | | | |

The City of
Oklahoma City
Utilities Department
Engineering Division



DESCRIPTION

NO. DATE

SANITARY SEWER
STANDARD DETAILS

DATE: 03/14/14
DRAWN BY: JDS
CHECKED BY: MWS/EJW

SCALE:
AS SHOWN

SHEET NUMBER
S-STD-04

McADAMS
The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

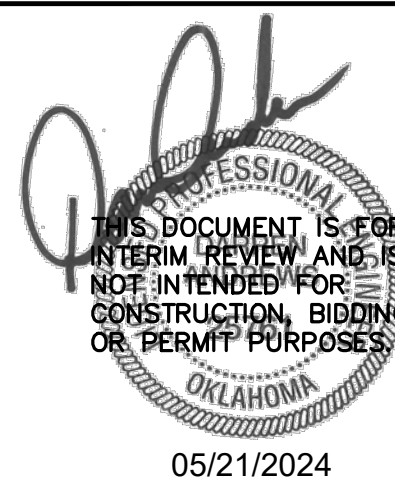
phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTH PARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

PROJECT NO. BRP24001
FILENAME BRP24001-D1.DWG
CHECKED BY TL
DRAWN BY JW
SCALE N.T.S.
DATE 05/21/2024

SHEET

STANDARD
CONSTRUCTION DETAILS
C8.07

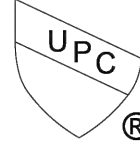
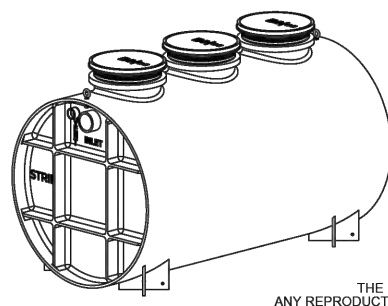
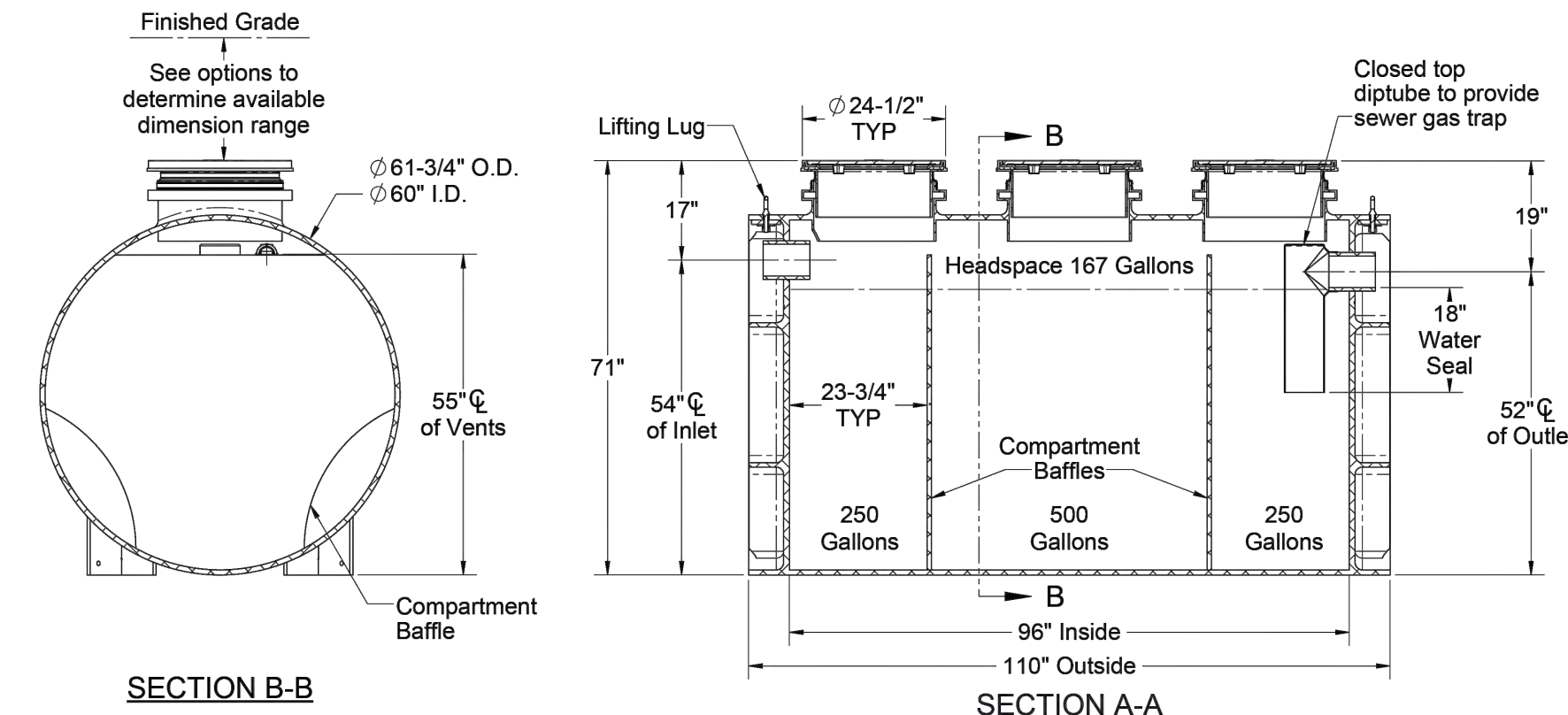
M:\Projects\BRP\BRP24001\04-Production\Engineering\Sheets\BRP24001-D1.dwg, 7/9/2024 9:01:05 AM, Jace Wreck

- SPECIFICATIONS**
- 6" Plain End inlet/outlet shown, 3" Plain End vents standard.
 - Max flow rate: 314 GPM.
 - Liquid capacity: 1000 gallons (133 cu. ft.).
 - Oil capacity: 370 gallons.
 - Solids capacity: 477 gallons.
 - Unit weight: 1324 lbs.
 - Maximum operating temperature 140°F continuous.

- NOTES**
- For gravity drainage applications only.
 - Do not use for pressure applications.
 - Cover placement allows full access to tank for proper maintenance.
 - Lifting lug set for easy install.

ENGINEER SPECIFICATION GUIDE

Striem oil separator model OT-1000 shall be lifetime guaranteed and made in the USA. Separator shall be constructed of polyethylene with 7/8" nominal wall thickness. Separator shall be manufactured for below-grade installation. Field-adjustable riser system is available as an option to bring manhole covers to grade. Separator flow rate shall be 314 GPM. Separator liquid holding capacity shall be 1000 gallons and oil capacity shall be 370 gallons. Solids capacity shall be 477 gallons. Covers shall be H20 rated pickable cast iron. Separator shall be certified to IAPMO IGC 183-2016 and carry a UPC listing.



PO IS NON-CANCELABLE
ORDER IS NON-RETURNABLE

| | |
|---------------|---|
| MODEL NUMBER: | OT-1000 |
| DESCRIPTION: | OIL TANKER™ POLYETHYLENE OIL SEPARATOR 1000 GALLON CAPACITY |
| DWG BY: | ENG |
| DATE: | 1/10/2024 |
| REV: | 1 |

| |
|--|
| SPECIFICATION SHEET |
| Striem Kansas City, KS Tel: 913-222-1500 orders@striemco.com www.striemco.com Made in the U.S.A |



| |
|--|
| OPTIONS |
| Connection Options (Plain End Only) |
| Inlet / Outlet <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> 8" |
| Riser Options From Factory: Up to 5" <input type="checkbox"/> Up to 24": SR24 (3) <input type="checkbox"/> Up to 39": LR24 (3) <input type="checkbox"/> Up to 43": SR24 (6) <input type="checkbox"/> Up to 58": SR24 (3) + LR24 (3) <input type="checkbox"/> Up to 72": LR24 (6) <input type="checkbox"/> Up to 90": SR24 (3) + LR24 (6) <input type="checkbox"/> Up to 106": LR24 (9) - OR - <input type="checkbox"/> CPRK (3): 11" - 106" (See specification for more detail.) |
| Additional Options <input type="checkbox"/> HDK-5: High Water Table Hold Down Kit <input type="checkbox"/> SS: Slick Stick™ Oil Level Monitoring System* *Monitoring system will raise covers by 3". |



McAdams

The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

phone 972. 436. 9712

fax 972. 436. 9715

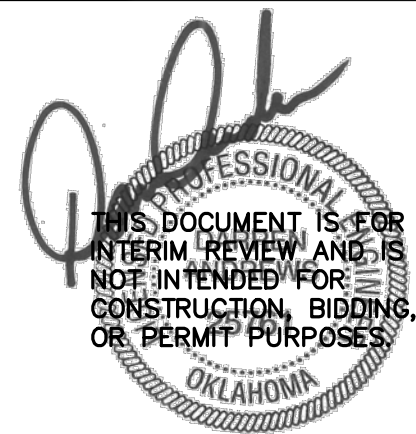
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



05/21/2024

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

| | |
|-------------|-----------------|
| PROJECT NO. | BRP24001 |
| FILENAME | BRP24001-D1.DWG |
| CHECKED BY | TL |
| DRAWN BY | JW |
| SCALE | N.T.S. |
| DATE | 05/21/2024 |

SHEET

**STANDARD
CONSTRUCTION DETAILS**

C8.08

\\M:\Projects\BRP\BRP24001\04-Production\Engineering\Sheets\BRP24001-LS1.dwg, 7/9/2024 9:01:21 AM, Jico Wicks

PLANTING SPECIFICATIONS:

- GENERAL
- REFER TO CIVIL DRAWINGS FOR NOTES AND DETAILS ON SITE GRADING AND EROSION AND SEDIMENT CONTROL. REFER TO SEEDING AND SODDING NOTES FOR TURF GRASS INSTALLATION.
 - CONTRACTOR TO SUBMIT A LIST OF PLANT MATERIALS AND SOURCES FOR REVIEW BY LANDSCAPE ARCHITECT PRIOR TO PURCHASE AND INSTALLATION. CONTRACTOR TO COORDINATE ANY DISCREPANCIES OR SUBSTITUTIONS WITH LANDSCAPE ARCHITECT.
 - DURING DELIVERY, STORAGE AND HANDLING, CONTRACTOR TO PROTECT AND MAINTAIN PLANT LIFE UNTIL PLANTED. PROVIDE PROTECTIVE COVERING OVER ALL PLANTINGS DURING TRANSPORT. ADEQUATELY PROTECT PLANTS FROM DRYING OUT, EXPOSURE OF ROOTS TO SUN, WIND OR EXTREMES OF HEAT AND COLD TEMPERATURES. IF PLANTING IS DELAYED MORE THAN 24 HOURS AFTER DELIVERY, STORE PLANTS IN LOCATION PROTECTED FROM SUN AND WIND AND PROVIDE ADEQUATE WATER TO THE ROOT BALL PACKAGE. PLANT MATERIAL DAMAGED AS A RESULT OF DELIVERY, STORAGE OR HANDLING WILL BE REJECTED.
 - PLANTS, INCLUDING TREES, SHRUBS, GROUNDCOVERS, VINES AND ORNAMENTAL GRASSES, TO BE INSTALLED BETWEEN THE FOLLOWING DATES:
SPRING PLANTING SEASON: MARCH 15 TO JUNE 1
FALL PLANTING SEASON: SEPTEMBER 15 TO DECEMBER 1

- PROCEED WITH PLANTING ONLY WHEN EXISTING AND FORECASTED WEATHER CONDITIONS PERMIT. PLANT TREES AND SHRUBS AFTER FINAL GRADES ARE ESTABLISHED AND BEFORE PLANTING LAWNS. PROTECT LAWN AREAS TO REMAIN AND PROMPTLY REPAIR DAMAGE CAUSED BY PLANTING OPERATIONS.
- CONTRACTOR SHALL CAREFULLY EXAMINE THE CIVIL, RECORD AND SURVEY DRAWINGS TO BECOME FAMILIAR WITH EXISTING UNDERGROUND CONDITIONS BEFORE DIGGING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF ALL SURFACE AND SUBSURFACE CONDITIONS, AND TO NOTIFY THE LANDSCAPE ARCHITECT OF ANY CIRCUMSTANCES THAT WOULD NEGATIVELY IMPACT UNDERGROUND CONDITIONS OR THE HEALTH OF THE PLANTINGS.

- PRODUCTS
- TREE AND SHRUB MATERIAL: FURNISH NURSERY-GROWN, TYPICAL OF THEIR SPECIES OR VARIETY, WITH NORMAL GROWTH HABIT, WELL-DEVELOPED BRANCH STRUCTURE, HEALTHY FOLIAGE, AND VIGOROUS ROOT SYSTEMS IN ACCORDANCE WITH AVAILABLE REQUIREMENTS IN ANSIZ60.1 "AMERICAN STANDARD FOR NURSERY STOCK". PLANTS SHALL BE FREE FROM DEFECTS OR DAMAGE, INCLUDING BUT NOT LIMITED TO, DISFIGURING KNOTS, SUNSCALD INJURIES, FROST CRACKS, ABRASION OF THE BARK, PLANT DISEASES, INSECT EGGS, BORERS, FIRE ANTS, AND ALL FORMS OF INVESTITATION.
 - SOIL: ASTM D 5268 TOPSOIL, pH RANGE OF 5.5 TO 7, A MINIMUM OF 6 PERCENT ORGANIC MATERIAL CONTENT; FREE OF STONES 1 INCH OR LARGER IN ANY DIMENSION AND OTHER EXTRANEOUS MATERIALS HARMFUL TO PLANT GROWTH.

- SOIL AMENDMENTS:
 - ORGANIC COMPOST: WELL-COMPOSTED, STABLE AND WEED-FREE ORGANIC MATTER, pH RANGE OF 5.5 TO 8; MOISTURE CONTENT 35 TO 55 PERCENT BY WEIGHT; 100 PERCENT PASSING THROUGH 3/4" SIEVE; SOLUBLE SALT CONTENT OF 5 TO 10 DECISIMENS/M; NOT EXCEEDING 0.3 PERCENT INERT CONTAMINANTS AND FREE OF SUBSTANCES TOXIC TO PLANTINGS.
 - INORGANIC SOIL AMENDMENTS: COMMERCIAL GRADE, FREE OF TOXIC MATERIALS.
- FERTILIZER: GRANULAR OR PELLET SLOW-RELEASE FERTILIZER CONSISTING OF 50 PERCENT WATER-INSOLUBLE NITROGEN, PHOSPHORUS AND POTASSIUM IN THE COMPOSITION AS DIRECTED BY SOIL ANALYSIS TESTING.
- ORGANIC MULCH: SHREDDED HARDWOOD IN NATURAL BROWN COLOR; 3" MAXIMUM SIZE IN LONGEST DIMENSION; FREE FROM DELETERIOUS MATERIALS AND SUITABLE FOR A TOP DRESSING OF TREES AND SHRUBS.
- STAKES AND GUYS: DEEPROOT ARBORITE STAKING AND GUYING MATERIAL OR APPROVED EQUAL.

WARRANTY AND MAINTENANCE:

- WARRANTY
- INSTALLER SHALL REPAIR OR REPLACE ANY PLANTINGS THAT FAIL IN MATERIALS, WORKMANSHIP, OR GROWTH WITHIN ONE YEAR AFTER THE DATE OF SUBSTANTIAL COMPLETION. FAILURES INCLUDE BUT ARE NOT LIMITED TO:
- DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR DEFECTS RESULTING FROM LACK OF ADEQUATE MAINTENANCE, NEGLECT OR ABUSE BY OWNER, OR INCIDENTS THAT ARE BEYOND THE CONTRACTOR'S CONTROL.
 - STRUCTURAL FAILURES INCLUDING PLANTINGS FALLING OR BLOWING OVER.
- PLANTS THAT DO NOT MEET THESE REQUIREMENTS SHALL BE DEFINED AS DEFECTIVE. ANY DEFECTIVE PLANTS SHALL BE REMOVED IMMEDIATELY UPON NOTIFICATION BY THE LANDSCAPE ARCHITECT AND REPLACED WITHOUT COST TO THE OWNER AS SOON AS WEATHER CONDITIONS PERMIT AND WITHIN THE SPECIFIED PLANTING PERIOD.

- MAINTENANCE
- INITIAL MAINTENANCE SHALL BE PROVIDED IMMEDIATELY AFTER EACH AREA IS PLANTED AND CONTINUE UNTIL SUBSTANTIAL COMPLETION. MAINTENANCE PERIODS SHALL BE PROVIDED FOR ALL PLANT MATERIAL SHALL BE PROVIDED FOR ONE YEAR AT A MINIMUM AND SHALL INCLUDE:
- TREE AND SHRUB MAINTENANCE: MAINTAIN PLANTINGS BY PRUNING, CULTIVATING, WATERING, WEEDING, FERTILIZING, RESTORING PLANTING SAUCERS, AND RESETTING TO PROPER GRADES OR VERTICAL POSITION AS REQUIRED TO ESTABLISH HEALTHY, VIABLE PLANTINGS. SPRAY OR TREAT AS REQUIRED TO KEEP TREES AND SHRUBS FREE TO INSECTS AND DISEASE. TREES AND SHRUBS TO BE PRUNED TO RESTORE NATURAL SHAPE TYPICAL OF THEIR SPECIES OR VARIETY IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES AND APPLICABLE REQUIREMENTS IN ANSIZ60.1 "AMERICAN STANDARD FOR NURSERY STOCK".
 - GROUNDCOVER AND PLANT MAINTENANCE: MAINTAIN AND ESTABLISH PLANTINGS BY WATERING, WEEDING, FERTILIZING, MULCHING, AND OTHER OPERATIONS AS REQUIRED TO ESTABLISH HEALTHY, VIABLE PLANTINGS.
 - PROTECT EXTERIOR AREAS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS, OPERATIONS BY OTHER CONTRACTORS AND TRADES, AND OTHERS. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIODS. TREAT, REPAIR OR REPLACE DAMAGED PLANTINGS.

PLANTING INSTALLATION:

- EXAMINATION AND PREPARATION
- INSTALLER TO EXAMINE AREAS TO RECEIVE EXTERIOR PLANTS FOR COMPLIANCE WITH REQUIREMENTS AND CONDITIONS AFFECTING INSTALLATION AND PERFORMANCE. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
 - PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES, AND LAWNS AND EXISTING PLANTINGS FROM DAMAGE CAUSED BY PLANTING OPERATIONS. REFER TO CIVIL DRAWINGS FOR EROSION AND SEDIMENT CONTROL MEASURES.
 - LAY OUT INDIVIDUAL TREE AND SHRUB LOCATIONS PER PLANTING PLAN. OBTAIN LANDSCAPE ARCHITECT'S ACCEPTANCE OF LAYOUT BEFORE PLANTING AND MAKE MINOR ADJUSTMENTS AS NEEDED.

- PLANTING BED ESTABLISHMENT
- VERIFY SITE GRADING PRIOR TO DIGGING. LOOSEN SUBGRADE TO A MINIMUM DEPTH OF 8 INCHES. REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, RUBBISH AND OTHER EXTRANEOUS MATTER. APPLY TOP SOIL, FERTILIZER, LIME AND SOIL AMENDMENTS AND THOROUGHLY BLEND PLANTING SOIL MIX TO CREATE ACCEPTABLE PLANTING SOIL AS DESCRIBED THROUGHOUT AND INDICATED ON DRAWINGS.
 - EXCAVATE CIRCULAR PITS AND TRENCHES WITH SIDES SLOPED INWARD, LEAVING THE CENTER AREA RAISED SLIGHTLY TO SUPPORT THE ROOT BALL AND ASSIST IN DRAINAGE. EXCAVATE APPROXIMATELY THREE TIMES AS WIDE AS BALL DIAMETER FOR BALLED AND BURLAPPED AND CONTAINER-GROWN STOCK. SCARIFY PIT OR TRENCH WALLS.

- TREE, SHRUB, VINE, ORNAMENTAL GRASS AND GROUNDCOVER PLANTING
- SET BALLED AND BURLAPPED OR CONTAINER-GROWN STOCK PLUMB AND CENTER OF PIT OR TRENCH WITH ROOT BALL 1 INCH ABOVE ADJACENT FINISHED GRADES.
 - REMOVE WIRE AND PALLETS ENTIRELY FROM ROOT BALL. REMOVE BURLAP FROM TOPS OF ROOT BALLS AND PARTIALLY FROM SIDES BUT DO NOT REMOVE FROM UNDER ROOT BALL.
 - PLACE PLANTING SOIL MIX AROUND ROOT BALL IN LAYERS, TAMPING TO SETTLE MIX AND ELIMINATE VOIDS AND AIR POCKETS. WHEN PIT IS APPROXIMATELY ONE-HALF BACKFILLED, WATER THOROUGHLY BEFORE PLACING REMAINDER OF BACKFILL. WATER AGAIN AFTER PLACING AND TAMPING FINAL LAYER OF PLANTING SOIL MIX.
 - APPLY 3-INCH MINIMUM AVERAGE THICKNESS OF ORGANIC MULCH EXTENDING 12 INCHES BEYOND EDGE OF PLANTING PIT OR TRENCH OR TO EDGE OF BEDLINE. DO NOT PLACE MULCH WITH 3 INCHES OF ROOT FLARE, TRUNK OR STEMS.
 - PRUNE, THIN AND SHAPE TREES AND SHRUBS ACCORDING TO STANDARD HORTICULTURAL PRACTICE AND TO RETAIN NATURAL CHARACTER. DO NOT CUT TREE LEADERS. REMOVE ONLY INJURED OR DEAD BRANCHES FROM FLOWERING TREES.
 - INSTALL GUYING AND STAKING PER MANUFACTURER'S SPECIFICATIONS. REMOVE GUY WIRES AND STAKES AFTER TWO PLANTING ESTABLISHMENT SEASONS.
 - DISPOSAL: REMOVE SURPLUS SOIL AND WASTE MATERIAL, INCLUDING EXCESS SUBSOIL, UNSUITABLE SOIL, TRASH, AND DEBRIS, AND LEGALLY DISPOSE OF ANY OWNERS' PROPERTY.

IRRIGATION SPECIFICATIONS:

- GENERAL
- PROVIDE A COMPLETE AND OPERATING LAWN SPRINKLER INSTALLATION AS SHOWN ON THE PLANS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING ITEMS:
 - PIPE AND FITTINGS
 - SPRINKLER HEADS
 - CONTROL SYSTEM AND CONNECTION TO ELECTRICAL SUPPLY
 - TRENCHING, INSTALLATION OF SYSTEM, CONNECTION TO WATER SOURCE, TESTING, AND BACKFILLING

- GENERAL CONDITIONS SPECIFICALLY FOR LANDSCAPE IRRIGATION
- THE CONTRACTOR WILL FLAG THE LOCATION OF ALL HEADS, ELECTRIC VALVES, QUICK COUPLER VALVES, GATE VALVES, AUTOMATIC CONTROLLERS, BACKFLOW PREVENTERS, ETC., PRIOR TO CONSTRUCTION FOR THE REPRESENTATIVE'S APPROVAL. THE CONTRACTOR SHALL REPORT TO THE REPRESENTATIVE ANY DEVIATIONS BETWEEN THE IRRIGATION PLAN, SPECIFICATIONS, AND TO THE SITE. FAILURE TO DO SO PRIOR TO THE INSTALLATION OF EQUIPMENT (WHICH SUBSEQUENTLY REQUIRES REPLACEMENT OR RELOCATION OF THE EQUIPMENT) WILL RESULT IN THE WORK BEING DONE AT THE CONTRACTOR'S EXPENSE.
 - ALL LOCAL, MUNICIPAL AND STATE LAWS, ORDINANCES, CODES AND REGULATIONS RELATING TO, OR GOVERNING OF ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS AND WILL BE CARRIED OUT BY THE CONTRACTOR. THE CONTRACTOR MUST HAVE A VALID LICENSE, AS ISSUED BY THE TEXAS BOARD OF IRRIGATORS, MUST CARRY SUFFICIENT INSURANCE COVERAGE, AND MUST BE ACTIVE IN IRRIGATION INSTALLATION FOR A MINIMUM OF 5 YEARS.
 - ANY PERMITS NEEDED FOR CONSTRUCTION OF THE WORK INCLUDED IN THIS CONTRACT, WHICH IS REQUIRED BY ANY LEGALLY CONSTITUTED AUTHORITY HAVING JURISDICTION, SHALL BE OBTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL PAY FOR ALL COSTS IN CONNECTION WITH ANY INSPECTIONS OR EXAMINATIONS REQUIRED BY THESE AUTHORITIES. THE REPRESENTATIVE WILL BE NOTIFIED WHEN THESE INSPECTIONS ARE REQUIRED. ANY NECESSARY WORK NEEDED TO BE DONE BY THE CONTRACTOR AS A RESULT OF THESE INSPECTIONS WILL BE PERFORMED AT THE CONTRACTOR'S EXPENSE. COPIES OF ALL PERMITS AND INSPECTIONS REPORTS SHALL BE FORWARDED TO THE REPRESENTATIVE.

- GUARANTEE AND MAINTENANCE
- MATERIAL AND WORKMANSHIP SHALL BE FULLY GUARANTEED FOR ONE YEAR AFTER THE DATE OF SUBSTANTIAL COMPLETION INSPECTION; REPLACEMENT OF DEFECTIVE MATERIAL OR REPAIR OF WORK SHALL BE DONE AT NO EXPENSE TO THE OWNER DURING THE FIRST YEAR, EXCEPT FOR REPAIRS OR REPLACEMENTS NECESSITATED BY DAMAGE OF ANY KIND NOT OF THE CONTRACTOR'S MAKING. ANY REIMBURSEMENT FOR REPAIRS MUST HAVE PRIOR APPROVAL OF THE REPRESENTATIVE.

- SUBSTITUTIONS
- THE SPRINKLER SYSTEM HAS BEEN DESIGNED ACCORDING TO THE OPERATING CHARACTERISTICS OF THE SPECIFIED EQUIPMENT. THEREFORE, NO SUBSTITUTIONS OF EQUIPMENT WILL BE ALLOWED EXCEPT WITH WRITTEN APPROVAL.

- PRODUCTS
- POLYVINYL CHLORIDE PIPE
- POLYVINYL CHLORIDE PIPE (HEREINAFTER REFERRED TO AS PVC PIPE) SHALL HAVE BEEN MANUFACTURED IN ACCORDANCE WITH THE PRODUCT STANDARDS AS FOLLOWS: PRODUCT STANDARD P5-22 TO SHALL APPLY AND BE THE GOVERNING AUTHORITY AS APPLICABLE TO MAIN LINE PIPING AND SHALL BE SDR-21 (CLASS 200) SPECIFICATION, 2 1/2" AND SMALLER MAIN LINE AND LATERAL LINE PIPING WILL BE SOLVENT WELD JOINTS.
- PIPE FITTINGS
- 2 1/2" AND SMALLER PIPE FITTINGS SHALL BE PVC SCHEDULE 40, AS MANUFACTURED BY THE LASCO COMPANY, OR EQUAL. ALL PVC FITTINGS SHALL BE OF THE SAME MATERIAL AS THE PVC PIPE SPECIFIED AND SHALL BE COMPATIBLE WITH THE PVC PIPE FURNISHED. ONLY SOLVENT RECOMMENDED BY THE MANUFACTURER OF THE PVC PIPE AND THE MANUFACTURER OF THE PVC FITTINGS SHALL BE USED.

- WIRE
- ALL VALVE WIRING SHALL BE 14 GAUGE COPPER SINGLE-CONDUCTOR WIRE WITH 4/64" VINYL INSULATION AS APPROVED FOR DIRECT UNDERGROUND BURIAL IN 30 VOLT AC OR LESS SERVICE BY THE NATIONAL ELECTRICAL CODE. WHERE VALVE WIRED FROM TWO OR MORE CONTROLLERS ARE IN THE SAME DITCH, WIRE ARE TO BE COLOR CODED. THIS COLOR CODING TO BE NOTED ON RECORD DRAWINGS.

- EXPANSION COILS
- EXPANSION COILS, WHICH ARE TO CONSIST OF APPROXIMATELY 10 WRAPS OF WIRE AROUND 1" PIPE, WILL BE PROVIDED ON EACH WIRE APPROXIMATELY EVERY 100 FEET. WIRES ARE TO BE BUNDLED AND TAPED TOGETHER EVERY 10 FEET. PROVIDE EXPANSION COIL AT EACH ELECTRIC VALVE INSIDE THE VALVE BOX.

- WIRE SPLICES
- ALL WIRE SPLICES SHALL BE MADE WITH A MECHANICAL CONNECTOR AND WATERPROOFED ACCORDING TO THE MANUFACTURER'S SPECIFICATION. THE WIRE SPUCE SHALL BE SPEAR'S "DRY SPLICE", 3M "SCOTCH LOCK", OR 3M DBY WIRE SPUCE. ALL WIRE SPLICES SHALL BE IN VALVE BOXES, AND NOT DIRECTLY BURIED OR UNDERGROUND SPLICES WILL BE ACCEPTED.

- EXECUTION
- INSTALLATION GENERAL
- BEFORE INSTALLATION IS STARTED, THE CONTRACTOR SHALL PLACE A FLAG WHERE EACH SPRINKLER HEAD, QUICK COUPLER VALVE, AND ELECTRIC VALVES ARE TO BE LOCATED IN ACCORDANCE WITH THE PLANS. THE FLAGGING SHALL BE APPROVED BY THE REPRESENTATIVE BEFORE THE INSTALLATION IS STARTED. SHOULD A DISCREPANCY IN THE PLANS BECOME APPARENT AT THIS TIME, SUCH DISCREPANCY SHALL BE POINTED OUT TO THE REPRESENTATIVE. WORK MUST NOT PROCEED UNTIL THE REPRESENTATIVE APPROVES ANY DESIGN CHANGES MADE NECESSARY BY SUCH DISCREPANCY. SHOULD SUCH CHANGES CREATE EXTRA COST TO THE CONTRACTOR, APPROVAL OF THE CONTRACTOR OR EXTRA COMPENSATION SHALL BE OBTAINED IN WRITING FROM THE REPRESENTATIVE BEFORE COMMENCING WORK. SHOULD SUCH CHANGES CREATE A SAVINGS IN COST TO THE CONTRACTOR, A WRITTEN REDUCTION IN THE CONTRACT PRICE SHALL BE APPROVED BY THE REPRESENTATIVE IN WRITING BEFORE COMMENCING WORK.
 - THE CONTRACTOR IS CAUTIONED TO PROVIDE ADEQUATE PROTECTION TO THOSE USING THE SITE. PROVIDE BARRICADES AS NECESSARY.
 - ALL MATERIAL SHALL BE INSTALLED IN STRICT ACCORDANCE TO THE MANUFACTURER'S INSTALLATION SPECIFICATIONS THAT SHALL BE CONSIDERED A SUPPLEMENT TO THE SPECIFICATIONS.
 - PIPING LAYOUT INDICATED IS DIAGRAMMATIC ONLY. ROUTE PIPING TO AVOID PLANTS AND STRUCTURES. PROVIDE FULL AND COMPLETE COVERAGE.
 - REVIEW LAYOUT REQUIREMENTS WITH OTHER EFFECTED WORK. COORDINATE LOCATIONS OF SLEEVES (UNDER PAVING) TO ACCOMMODATE SYSTEM.

- EXCAVATION, BACKFILL, AND PROTECTION OF PLANT MATERIALS
- ALL EXCAVATION IN THIS CONTRACT SHALL BE UNCLIMBERED AND IS TO INCLUDE EARTH, LOOSE ROCK, ROCK, OR ANY COMBINATION THEREOF, IN WET OR DRY STATE. ALL TRENCHES SHALL BE BACKFILLED WITH THE MATERIAL REMOVED, EXCEPT THAT NO ROCK OR DEBRIS THAT CAN DAMAGE THE PIPE SHALL BE USED AS BACKFILL. IN THIS CASE, THE SPECIAL BACKFILL SPECIFICATIONS SHALL TAKE PRECEDENCE OVER THIS GENERAL SPECIFICATION (SEE 3.07). ALL TRENCH BACKFILL SHALL BE WATER-TESTED AND COMPACTED IN ORDER TO PREVENT AFTER SETTLING. USE ONLY THE MINIMUM AMOUNT OF WATER NECESSARY TO SETTLE DITCHES. FLOODING DITCHES WITHOUT COMPACTION WILL NOT BE PERMITTED. ALL TRENCHES AND ADJOINING AREAS SHALL BE HAND RAKED TO FINISH GRADE. REMOVE ROCKS, EXCESS DIRT, AND DEBRIS FROM THE SITE.

- PIPE INSTALLATION
- MAIN LINE PIPING: PIPE SHALL BE INSTALLED IN A 4" WIDE (MINIMUM) TRENCH WITH A MINIMUM OF 18" COVER.
 - LATERAL PIPING: ALL PVC LATERAL LINE PIPING SHALL BE SOLVENT WELD TYPE. INSTALL IN 4" WIDE (MINIMUM) TRENCH DEEP ENOUGH TO ALLOW FOR INSTALLATION OF SPRINKLER HEADS AND VALVES, BUT IN NO CASE LESS THAN 12" OF COVER FOR ROTARY AND/OR SPRAY ZONE LATERALS.
 - PVC PIPE INSTALLATION ALL LUMBER, RUBBISH, AND LARGE ROCKS (OVER 2" IN DIAMETER) SHALL BE REMOVED FROM THE LINE TO PREVENT UNEVEN SETTLEMENT. PIPE SHALL HAVE A FIRM UNIFORMED BEARING FOR THE ENTIRE LENGTH OF EACH PIPE LINE TO PREVENT UNEVEN SETTLEMENT. WEDGING OR BLOCKING OF PIPE WILL NOT BE PERMITTED. PAD THE TRENCHES WITH SAND IF THE TRENCH IS ROCKY. NEVER LAY PVC PIPE WHERE THERE IS WATER IN THE TRENCH. NEVER LAY PVC PIPE WHEN THE TEMPERATURE IS 32 DEGREES F. OR BELOW. MAXIMUM 2 PIPES PER TRENCH, WITH 1" HORIZONTAL CLEARANCE BETWEEN PIPES.
 - PVC PIPE AND FITTING ASSEMBLY: CONTRACTOR SHALL USE ONLY THE SOLVENT SUPPLIED AND RECOMMENDED BY THE MANUFACTURER OF THE PVC PIPE TO BE INSTALLED ON THIS PROJECT SITE TO MAKE ANY SOLVENT WELDED JOINTS. THE PIPE AND FITTINGS SHALL BE THOROUGHLY CLEANED OF DIRT, DUST AND MOISTURE BEFORE APPLYING SOLVENT. PVC PIPE AND FITTINGS SHALL BE CLEANED WITH PVC PRIMER OR SANDER'S CLOTH BEFORE SOLVENT WELDING. THE CONTRACTOR SHALL MAKE SOLVENT WELDS WITH A NON-SYNTHETIC BRISTLY BRUSH. WHERE THREADED PVC CONNECTIONS ARE REQUIRED, USE THREADED PVC ADAPTERS INTO WHICH THE PIPE MAY BE WELDED. TEFLON TAPE WILL BE USED ON THREADS.

- AUTOMATIC CONTROLLER
- AUTOMATIC CONTROLLER SHALL BE SUPPLIED IN ACCORDANCE WITH THE MATERIALS LIST AND SHALL BE LOCATED AS SHOWN ON THE PLAN. CONTRACTOR SHALL PROVIDE SERVICE INTO THE CONTROLLERS AS PART OF THIS CONTRACT.
- ELECTRIC VALVES
- ELECTRIC REMOTE VALVES SHALL BE SUPPLIED IN ACCORDANCE WITH THE SPECIFICATIONS VALVES SHALL BE INSTALLED DEEP ENOUGH SO THAT THERE WILL BE AT LEAST 10" OF COVER FOR THE VALVE SUPPLIED SHALL BECOME PART OF THESE SPECIFICATIONS. A GREEN PLANT TOP SHALL BE INSTALLED ON THE VALVE BOX FLUSH WITH THE FINAL GRADE. PLACE 6" OF GRAVEL UNDER EACH VALVE BEFORE INSTALLING VALVE BOX.

- HEAD INSTALLATION
- PIPING AND BACKFILL OF BACKFILL SHALL BE SPECIALLY TAMPED UNDER THE HEAD FLANGE AND AROUND THE HEAD FOR A DISTANCE OF ONE FOOT BY A SUITABLE MEANS, AFTER TRENCH BACKFILL HAS DRIED FROM WATER SETTLING. THE PURPOSE IS TO ELIMINATE LOOSE HEADS IN THE GROUND THAT WOULD MOVE WHEN RUN OVER WITH MOWERS THEREBY CREATING A POSSIBLE SOURCE OF DAMAGE. ALL SPRINKLER HEADS SHALL BE LOCATED 4" FROM BACK OF VEHICULAR CURB USING A FULL SWING JOIN WITH SCHEDULE 40 PVC. NEVER LOCATE PVC PIPE WHERE 80 PNC NIPPLES. THE TOP OF THE HEAD SHALL BE NO MORE THAN 1/4" ABOVE FINISHED GRADE. ADJUST PARTIAL CIRCLE ARCS AS REQUIRED TO COMPLETE COVERAGE.

- FINAL CLEAN-UP
- UPON COMPLETION OF THE WORK AND BEFORE ACCEPTANCE AND FINAL PAYMENT WILL BE MADE, THE CONTRACTOR SHALL CLEAN AND REMOVE FROM THE SITE OF THE WORK, HIS SURPLUS AND DISCARDED MATERIALS, TEMPORARY STRUCTURES AND DEBRIS OF EVERY KIND. HE SHALL LEAVE THE SITE OF THE WORK IN A NEAT AND ORDERLY CONDITION EQUAL THE SITE SHALL BE DISPOSED AT LOCATIONS SATISFACTORY TO THE REPRESENTATIVE.

- SYSTEM DEMONSTRATION
- INSTRUCT OWNERS PERSONNEL IN OPERATION AND MAINTENANCE OF SYSTEM, INCLUDING ADJUSTING OF SPRINKLER HEADS. USE OPERATION AND MAINTENANCE MANUAL AS BASIS FOR DEMONSTRATION.

CONCRETE PAVING SPECIFICATIONS:

- GENERAL
- THIS SECTION INCLUDES THE FOLLOWING:
 - WALKWAYS
 - CONTRACTOR TO SUBMIT PRODUCT DATA FOR EACH TYPE OF PRODUCT AND DESIGN MIXTURES.
 - CONTRACTOR TO BUILD MOCKUPS OF FULL-THICKNESS SECTIONS OF CONCRETE PAVING TO DEMONSTRATE TYPICAL SURFACE FINISH, TEXTURE, AND COLOR; CURING; AND STANDARD OF WORKMANSHIP. MOCKUPS SHALL BE NO LESS THAN 96 INCHES BY 96 INCHES. APPROVED MOCKUPS MAY BECOME PART OF THE COMPLETED WORK IF APPROVED BY OWNER AND LANDSCAPE ARCHITECT.
 - PROTECT CONCRETE WORK FROM PHYSICAL DAMAGE OR REDUCED STRENGTH THAT COULD BE CAUSED BY HOT TEMPERATURES OR COLD TEMPERATURES, INCLUDING FROST AND FREEZING.

- PRODUCTS
- CONCRETE MATERIALS
 - PORTLAND CEMENT: ASTM C 150, TYPE I OR II, GRAY, SUPPLEMENT WITH FLY ASH MEETING ASTM C 618.
 - NORMAL WEIGHT AGGREGATE: ASTM C 33, WITH COARSE AGGREGATE AS FOLLOWS: CLASS 4M MAXIMUM SIZE 3/4 INCH, COARSE AGGREGATE, UNIFORMLY GRADED. PROVIDE FROM SINGLE SOURCE.
 - WATER: ASTM C 94/C 94M.
 - AIR ENTRAINING ADMIXTURE: ASTM C 260. ADD ADMIXTURE AT MANUFACTURER'S PRESCRIBED RATE. AIR CONTENT 6 PERCENT FOR 3/4 INCH MAXIMUM AGGREGATE.
 - CHEMICAL ADMIXTURE: ASTM C 494/C 494 M, OF TYPE SUITABLE FOR APPLICATION, CERTIFIED BY MANUFACTURER TO BE COMPATIBLE WITH OTHER ADMIXTURES AND TO CONTAIN NOT MORE THAN 0.1 PERCENT WATER-SOLUBLE CHLORIDE IRON BY MASS OF CEMENTIOUS MATERIAL.
 - FORMS: PLYWOOD, METAL, OR OTHER APPROVED PANEL-TYPE MATERIAL TO PROVIDE FULL-DEPTH, CONTINUOUS, STRAIGHT AND SMOOTH EXPOSED SURFACES. FORM RELEASE AGENT COMMERCIALY FORMULATED THAT WILL NOT BOND WITH, STAIN OR ADVERSELY AFFECT CONCRETE SURFACES.
 - STEEL REINFORCEMENT
 - PLAIN-STEEL WELDED WIRE REINFORCEMENT: ASTM A 185 FABRICATED FROM STEEL WIRE INTO FLAT SHEETS.
 - REINFORCING BARS: ASTM A 615/A 615M, GRADE 60, DEFORMED.
 - PLAIN STEEL WIRE: ASTM A 82 AS DRAWN
 - BAR SUPPORTS: BOLSTERS, CHAIRS, SPACERS AND OTHER DEVICES FOR SPACING, SUPPORTING AND FASTENING REINFORCING BARS, WELDED WIRE REINFORCEMENT, AND DOWELS IN PLACE. MANUFACTURE BAR SUPPORTS ACCORDING TO CRSI'S "MANUAL OF STANDARD PRACTICE". EQUIP WIRE BAR SUPPORTS WITH SAND PLATES OR HORIZONTAL RUNNERS WHERE BASE MATERIAL WILL NOT SUPPORT CHAIR LEGS.
 - CURING MATERIALS:
 - ABSORPTIVE COVER: AASHTO M 182, CLASS 2, BURLAP CLOTH.
 - MOISTURE RETAINING COVER: ASTM C 171, POLYETHYLENE FILM OR WHITE BURLAP-POLYETHYLENE SHEET.
 - WATER: POTABLE.
 - EVAPORATION RETARDER: WATERBORNE, NON MOLECULAR FILM FORMING, MANUFACTURED FOR APPLICATION TO FRESH CONCRETE.
 - CLEAR WATERBORNE MEMBRANE-FORMING CURING COMPOUND: ASTM C309, TYPE 1, CLASS B, DISSIPATING.
 - WHITE WATERBORNE MEMBRANE-FORMING CURING COMPOUND: ASTM C 309, TYPE 2, CLASS B.
 - EXPANSION AND ISOLATION JOINT FILLER STRIPS: ASTM D 1751, ASPHALT-SATURATED CELLULOSIC FIBER.
 - CONCRETE MIXTURES
 - PREPARE DESIGN MIXES TO ACI 211.1 AND ACI 301 FOR EACH TYPE AND STRENGTH OF NORMAL-WEIGHT CONCRETE. USE QUALIFIED INDEPENDENT TESTING AGENCY FOR PREPARING AND REPORTING PROPOSED MIX DESIGNS FOR THE TRIAL BATCH METHOD.
 - PROPORTION MIXES TO PROVIDE CONCRETE WITH THE FOLLOWING PROPERTIES:
 - 1.1.1. COMPRESSIVE STRENGTH (28 DAYS) HEAVY DUTY: 4000 PSI
 - 1.1.2. COMPRESSIVE STRENGTH (28 DAYS) LIGHT DUTY: 3500 PSI
 - 1.1.3. MAXIMUM WATER-CEMENTIOUS MATERIALS RATIO: 0.45
 - 1.1.4. SLUMP LIMIT: 4 INCHES
 - CONCRETE MIXING: READY MIX CONCRETE. MEASURE, BATCH AND MIX CONCRETE MATERIALS AND CONCRETE ACCORDING TO ASTM C 94/C 94M AND ASTM C 1116.

- INSTALLATION
- PREPARATION: PROOF-ROLL SUBBASE WITH GEOTECHNICAL ENGINEER IN ATTENDANCE TO CHECK FOR UNSTABLE AREAS AND VERIFY NEED FOR ADDITIONAL COMPACTION. PROCEED WITH PAVEMENT ONLY AFTER NONCONFORMING CONDITIONS HAVE BEEN CORRECTED. PROOF ROLL WITHIN 72 HOURS OF CONCRETE PLACEMENT. FINAL OKAY OF SUBGRADE BY GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF CONCRETE. REMOVE LOOSE MATERIAL FROM COMPACTED SUBBASE IMMEDIATELY BEFORE PLACING CONCRETE.
 - FORMWORK: SET, BRACE AND SECURE GUIDE FORMS AND GUIDES FOR PAVEMENT TO REQUIRED LINES, GRADES AND ELEVATIONS. INSTALL FORMS TO ALLOW FOR CONTINUOUS PROGRESS OF WORK SO NO FORMS CAN REMAIN IN PLACE AT LEAST 24 HOURS AFTER CONCRETE PLACEMENT. CLEAN FORMS AFTER EACH USE.
 - STEEL REINFORCEMENT: COMPLY WITH CRSI'S "MANUAL OF STANDARD PRACTICE" FOR FABRICATING REINFORCEMENTS WITH RECOMMENDATIONS IN CRSI'S "PLACING REINFORCING BARS" FOR PLACING AND SUPPORTING REINFORCEMENT. MAINTAIN MINIMUM COVER TO REINFORCEMENT.
 - JOINTS AND SCORE LINES: CONSTRUCT EXPANSION JOINTS, CONTROL JOINTS AND SCORE LINES TO LINE WITH FACES PERPENDICULAR TO SURFACE PLANE OF CONCRETE. STRAIGHTNESS, LOCATION AND TYPE APPROVED BY LANDSCAPE ARCHITECT.
 - EXPANSION JOINTS: AS INDICATED ON PLANS AND DETAILS.
 - INSTALL DOWEL BARS AND SUPPORT ASSEMBLIES WHERE INDICATED.
 - CONTROL JOINTS: SAW CUT AS INDICATED ON PLANS AND DETAILS.
 - CONCRETE FINISHING: BEFORE PLACEMENT, INSPECT FORMWORK AND STEEL REINFORCEMENT. COMPLY WITH ACI 304R FOR MEASURING, MIXING, TRANSPORTING AND PLACING CONCRETE.
 - CONCRETE FINISHING: MEDIUM TO COARSE TEXTURED BROOM FINISH. PROVIDE A COARSE FINISH BY STRATING FLOAT-FINISHED CONCRETE SURFACE 1/16 TO 1/8 INCH DEEP WITH A STIFF-BRISTLED BROOM PERPENDICULAR TO LINE OF TRAFFIC.
 - TOLERANCES:
 - ELEVATION: 1/4 INCH
 - THICKNESS: PLUS 3/8 INCH, MINUS 1/4 INCH
 - SURFACE: GAP BELOW 10-FOOT-LONG, UNEVELED STRAIGHTEDGE NOT TO EXCEED 1/4 INCH
 - JOINT AND SCORING SPACING: 1/2 INCH
 - CONTRACTION JOINT DEPTH: PLUS 1/4 INCH, NO MINUS
 - JOINT WIDTH: PLUS 1/8 INCH, NO MINUS
 - JOINT AND SCORING LINES SHOULD BE IN STRAIGHT ALIGNMENT
 - REPAIRS AND PROTECTION: REMOVE AND REPLACE CONCRETE PAVEMENT THAT IS BROKEN, DAMAGED OR DEFECTIVE. EXCLUDE TRAFFIC FROM PAVEMENT FOR AT LEAST 14 DAYS AFTER PLACEMENT. MAINTAIN CONCRETE FREE OF STAINS, DISCOLORATION, DIRT AND OTHER FOREIGN MATERIAL.

PERMANENT SODDING SCHEDULE:

- | | | |
|--|---|--|
| SEEDING DATE 2025 - OCT (BEST) FEB - APR 15 (POSSIBLE) | SOD MIXTURE LOCALLY GROWN BUFFALO GRASS | PAD SIZES MIN. 48 INCHES x 30 INCHES MAX. 5% DEVIATION IN SIZE BROKEN PADS UNACCEPTABLE |
|--|---|--|

- PRODUCT
- PROVIDE STRONGLY ROOTED SOD, FREE OF WEEDS AND UNDESIRABLE NATIVE GRASSES. MACHINE CUT OR PAD THICKNESS OF 3/4 INCH, EXCLUDING TOP GROWTH AND THATCH. SOD SHALL BE HEALTHY AND GREEN WITH NO DEAD OR DISCOLORED SPOTS LARGER THAN 6".

- SUBMITTALS
- SUBMIT DATA FOR SOD AND SOURCE.

- DELIVERY, STORAGE, HANDLING
- DELIVER SOD ON PALLETS IN ROLLS. DO NOT DELIVER MORE SOD THAN CAN BE LAID WITH 24 HOURS.

- SOIL AMENDMENTS
- FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 4,000 LB/AC GROUND AGRICULTURE LIMESTONE AND 1000 LB/AC 10-10-10 FERTILIZER.

- MAINTENANCE
- INSPECT AND REPAIR SOD AS NEEDED. REFERTILIZE IN LATE WINTER OF THE FOLLOWING YEAR; USE SOIL TESTS OR APPLY 150 LB/AC 10-10-10 FERTILIZER, MOW REGULARLY TO A HEIGHT OF 2.4 INCHES.

PERMANENT SODDING INSTALLATION:

- EXAMINATION AND PREPARATION
- INSTALLER TO EXAMINE AREAS TO RECEIVE PERMANENT SEEDING FOR COMPLIANCE WITH REQUIREMENTS AND CONDITIONS AFFECTING INSTALLATION AND PERFORMANCE. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
 - REFER TO CIVIL DRAWINGS FOR EROSION AND SEDIMENT CONTROL MEASURES.

- SOD BED ESTABLISHMENT
- VERIFY SITE GRADING PRIOR TO INSTALLATION. ELIMINATE UNEVEN AREAS AND LOW SPOTS AND ENSURE POSITIVE DRAINAGE.
 - LOOSEN SUBGRADE TO A MINIMUM DEPTH OF 4 TO 6 INCHES. REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, RUBBISH AND OTHER EXTRANEOUS MATTER. APPLY TOP SOIL, FERTILIZER, LIME AND SOIL AMENDMENTS AND THOROUGHLY BLEND PLANTING SOIL MIX TO CREATE ACCEPTABLE PLANTING SOIL AS DESCRIBED THROUGHOUT AND INDICATED ON DRAWINGS.
 - RAKE SOIL SURFACE SMOOTH PRIOR TO SODDING. SOIL SURFACE SHALL BE REASONABLY FREE OF LARGE CLODS, STONES GREATER THAN 3/4 INCH IN THE LONGEST DIMENSION, AND OTHER MATERIAL WHICH WILL INTERFERE WITH PLANT ESTABLISHMENT.
 - INSTALL EDGING AT PERIPHERY OF SODDED AREAS IN STRAIGHT LINES TO CONSISTENT DEPTH.

- LAYING SOD
- MOISTEN PREPARED SURFACE IMMEDIATELY PRIOR TO LAYING SOD.
 - LAY SOD WITHIN 24 FROM TIME OF STRIPING.
 - LAY SOD TIGHT TO FORM A SOLID MASS WITH NO OPEN JOINTS VISIBLE AND NO STRETCHING OR OVERLAPPING. STAGGER END JOINTS 12 INCHES MINIMUM. LEAVE A 36 INCH RADIUS AROUND ALL TREE TRUNKS FOR MULCH. WORK SIFTED SOIL INTO MINOR CRACKS BETWEEN PIECES OF SOD. REMOVE EXCESS TO AVOID SMOTHERING OF ADJACENT GRASS.
 - SOD ROLL LENGTH SHALL RUN PERPENDICULAR TO ALL SLOPE FALL LINES. PIN OR STAKE SOD STRIPS THAT ARE PLANTED ON SLOPES GREATER THAN 3:1 (33 PERCENT).
 - SOD SHALL LAY FLUSH WITH PAVING, CURBS AND IRRIGATION HEADS AND ONE INCH BELOW THE TOP OF STEEL EDGING.
 - WATER SOD THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING.
 - AFTER SECOND WATERING AND WHEN SOIL AND SOD ARE MOIST, ROLL SOD LIGHTLY AS SOON AS POSSIBLE AFTER ITS LAID.
 - ADD TOPSOIL ALONG EXPOSED EDGES TO MATCH ADJACENT GRADE. FEATHER TOPSOIL OUT APPROXIMATELY ONE FOOT FROM EDGE OF SOD.

- SOD MAINTENANCE
- MOW GRASS AT REGULAR INTERVALS. DO NOT CUT MORE THAN 1/3 OF GRASS BLADE AT EACH MOWING. PERFORM FIRST MOWING WHEN SEEDLINGS ARE 40 PERCENT HIGHER THAN DESIRED HEIGHT.
 - IMMEDIATELY REMOVED CLIPPINGS AFTER MOWING. DO NOT LET CLIPPINGS LAY IN CLUMPS.
 - WATER TO PREVENT SOD AND SOIL FROM DRYING OUT.
 - INSPECT AND REPAIR ACCORDING TO THE SOD SCHEDULE.

SITE FURNISHING SPECIFICATIONS:

- GENERAL
- CONTRACTOR TO SUBMIT PRODUCT DATA FOR FURNISHINGS INDICATED.
- INSTALLATION
- COMPLY WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED. COMPLETE FIELD ASSEMBLY OF SITE FURNISHINGS WHERE REQUIRED.
 - UNLESS OTHERWISE INDICATED, INSTALL SITE FURNISHINGS AFTER LANDSCAPING AND PAVING HAVE BEEN COMPLETED.
 - INSTALL SITE FURNISHINGS LEVEL, PLUMB, TRUE, AND SECURELY ANCHORED AT LOCATIONS INDICATED ON DRAWINGS.
 - POST SETTING: SET CAST-IN SUPPORT POSTS IN CONCRETE FOOTING WITH SMOOTH TOP, SHAPED TO SHED WATER. PROTECT PORTION OF POSTS ABOVE FOOT FROM CONCRETE SPLATTER. VERIFY THAT POSTS ARE SET PLUMB OR AT CORRECT ANGLE AND ARE ALIGNED AND AT CORRECT HEIGHT AND SPACING. HOLD POSTS IN POSITION DURING PLACEMENT AND FINISHING OPERATIONS UNTIL CONCRETE IS SUFFICIENTLY CURED.
 - POSTS SET INTO VOIDS IN CONCRETE: FORM OR CORE-DRILL HOLES FOR INSTALLING POSTS IN CONCRETE TO DEPTH RECOMMENDED IN WRITING BY MANUFACTURER OF SITE FURNISHINGS AND 3/4 INCH LARGER THAN OUTSIDE DIAMETER OF POST. CLEAN HOLES OF LOOSE MATERIAL, INSERT POSTS, AND FILL ANNUAL SPACE BETWEEN POST AND CONCRETE WITH NONSHRINK, NONMETALLIC GROUT OR ANCHORING CEMENT, MIXED AND PLACED TO COMPLY WITH ANCHORING MATERIAL MANUFACTURER'S WRITTEN INSTRUCTIONS, WITH TOP SMOOTHED AND SHAPED TO SHED WATER.
 - PIPE SLEEVES: USE STEEL PIPE SLEEVES PRESET AND ANCHORED INTO CONCRETE FOR INSTALLING POSTS. AFTER POSTS HAVE BEEN INSERTED INTO SLEEVES, FILL ANNUAL SPACE BETWEEN POST AND SLEEVE WITH NONSHRINK, NONMETALLIC GROUT OR ANCHORING CEMENT, MIXED AND PLACED TO COMPLY WITH ANCHORING MATERIAL MANUFACTURER'S WRITTEN INSTRUCTIONS, WITH TOP SMOOTHED AND SHAPED TO SHED WATER.
 - AFTER COMPLETING SITE FURNISHING INSTALLATION, INSPECT COMPONENTS. REMOVE SPOTS, DIRT AND DEBRIS. REPAIR DAMAGED FINISHES TO MATCH ORIGINAL FINISH OR REPLACE COMPONENT.

UNIT PAVING SPECIFICATIONS:

- GENERAL
- THIS SECTION INCLUDES THE FOLLOWING:
 - CONCRETE PAVERS
 - STEEL EDGE RESTRAINTS
 - CONTRACTOR TO SUBMIT PRODUCT DATA FOR MATERIALS OTHER THAN WATER AND AGGREGATES AND SAMPLES FOR UNIT PAVERS.
 - CONTRACTOR TO BUILD MOCKUPS FOR EACH FORM AND PATTERN OF UNIT PAVER. APPROVED MOCKUPS MAY BECOME PART OF THE COMPLETED WORK IF APPROVED BY OWNER AND LANDSCAPE ARCHITECT.
 - DO NOT USE FROZEN MATERIALS OR BUILD ON FROZEN SUBGRADE OR SETTING BEDS.

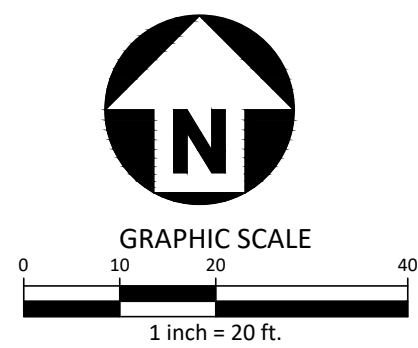
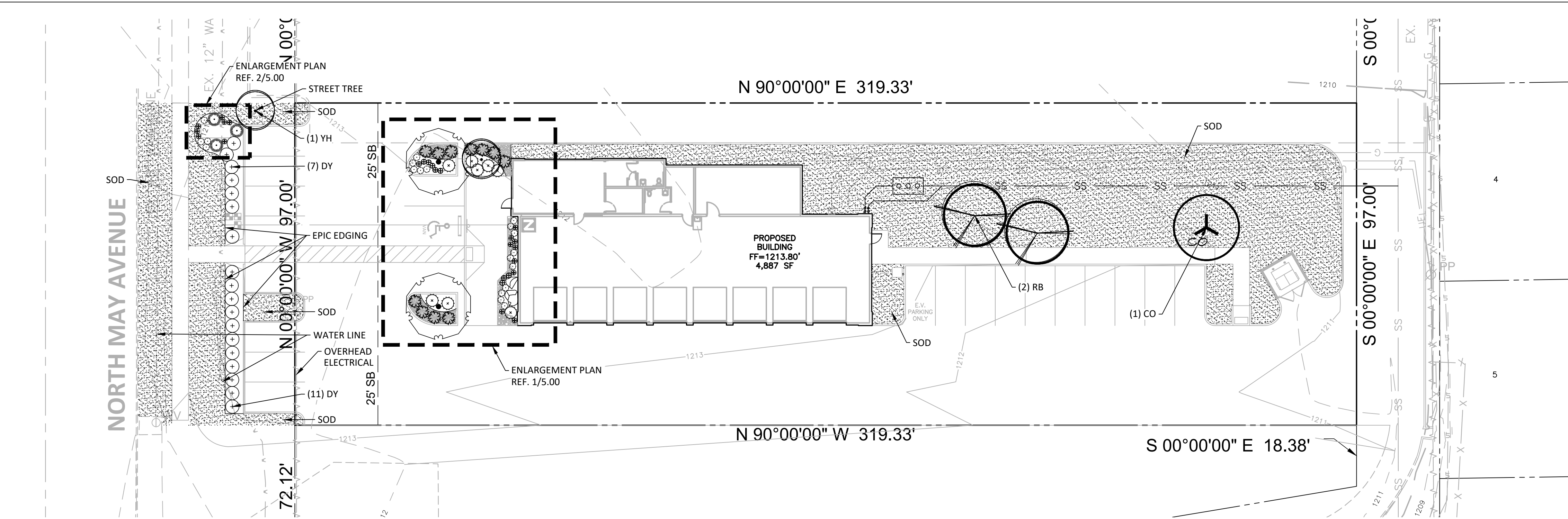
- PRODUCTS
- CONCRETE PAVERS: SOLID PAVING UNITS COMPLYING WITH ASTM C936 AND RESISTANT TO FREEZING AND THAWING WHEN TESTED ACCORDING TO ASTM C 67, MADE FROM NORMAL-WEIGHT AGGREGATES, WITH A COMPRESSIVE STRENGTH NOT LESS THAN 5000 PSI.
 - PROVIDE PRODUCT AS INDICATED ON DRAWINGS OR APPROVED EQUAL.
 - THICKNESS, FACE SIZE, FACE SHAPE AND COLOR AS INDICATED ON DRAWINGS OR APPROVED EQUAL.

- ACCESSORIES
- STEEL EDGE RESTRAINTS: GALVANIZED STEEL EDGING 3/16 INCH THICK BY 4 INCHES HIGH WITH LOOPS PRESSED FROM OR WELDED TO FACE TO RECEIVE STAKES AT 36 INCHES ON CENTER, AND GALVANIZED STEEL STAKES 15 INCHES LONG FOR EACH LOOP. COLOR AS SELECTED BY LANDSCAPE ARCHITECT FROM MANUFACTURER'S FULL RANGE.
 - AVAILABLE MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, MANUFACTURERS OFFERING PRODUCTS INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
 - BORDER CONCEPTS, INC.
 - COLLIER METAL SPECIALTIES, INC.
 - JO RUSSELL COMPANY
 - RYERSON, J.T. & SON, INC.
 - SURE-LOC EDGING CORPORATION

- AGGREGATE SETTING BED-MATERIALS:
 - GRADED AGGREGATE FOR BASE: SOUND, CRUSHED STONE OR GRAVEL COMPLYING WITH ASTM D2940, BASE MATERIAL.
 - SAND FOR LEVELING COURSE: SOUND, SHARP, WASHED, NATURAL SAND OR CRUSHED STONE COMPLYING WITH GRADATION REQUIREMENTS IN ASTM C 33 FOR FINE AGGREGATE.
 - SAND FOR JOINTS: POLYMERIC SAND. MEETING CONCRETE PAVER MANUFACTURER'S RECOMMENDATIONS. COLOR AS INDICATED ON DRAWINGS.
 - MORTAR FOR JOINTS AND LEVELING BED: MEETING PAVER MANUFACTURER'S RECOMMENDATIONS. COLOR AS INDICATED ON DRAWINGS.

- INSTALLATION
- MIX PAVERS FROM SEVERAL PALLETS OR CUBES, AS THEY ARE PLACED, TO PRODUCE UNIFORM BLEND OF COLORS AND TEXTURES.
 - CUT UNIT PAVERS WITH MOTOR-DRIVEN MASONRY SAW EQUIPMENT TO PROVIDE PATTERN INDICATED AND TO FIT ADJOINING WORK NEATLY. USE FULL UNITS WITHOUT CUTTING WHERE POSSIBLE. FOR CONCRETE PAVERS, A BLOCK SPLITTER MAY BE USED.
 - JOINT PATTERN AS INDICATED ON DRAWINGS.
 - TOLERANCES: DO NOT EXCEED 1/16 INCH UNIT-TO-UNIT OFFSET FROM FLUSH (UPPAGE) NOR 1/8 INCH IN 24 INCHES AND 1/4 INCH IN 10 FEET FROM LEVEL, OR INDICATED SLOPE, FOR FINISHED SURFACE OF PAVING.
 - PROVIDE EDGE RESTRAINTS AS INDICATED. INSTALL EDGE RESTRAINTS BEFORE PLACING UNIT PAVERS.
 - AGGREGATE SETTING BED APPLICATIONS:
 - COMPACT SOIL SUBGRADE UNIFORMLY TO AT LEAST 95 PERCENT OF ASTM D 698 LABORATORY DENSITY.
 - PLACE AGGREGATE BASE, COMPACT BY TAMPING WITH PLATE VIBRATOR, AND SCREEN TO DEPTH INDICATED.
 - PLACE LEVELING COURSE AND SCREEN TO A THICKNESS OF 1 INCH, TAKING CARE THAT MOISTURE CONTENT REMAINS CONSTANT AND DENSITY IS LOOSE AND CONSTANT UNTIL PAVERS ARE SET AND COMPACTED.
 - TREAT LEVELING COURSE WITH HERBICIDE TO INHIBIT GROWTH OF GRASS AND WEEDS.
 - SET PAVERS AT MINIMUM JOINT WIDTH OF 1/16 INCH AND A MAXIMUM OF

M:\Projects\BRP\BRP24001\04-Production\Engineering\Sheets\BRP24001-LS1.dwg, 7/9/2024 9:01:25 AM, Jace Wreck



McADAMS
The John R. McAdams Company, Inc.
4400 State Highway 121, Suite 800
Lewisville, Texas 75056

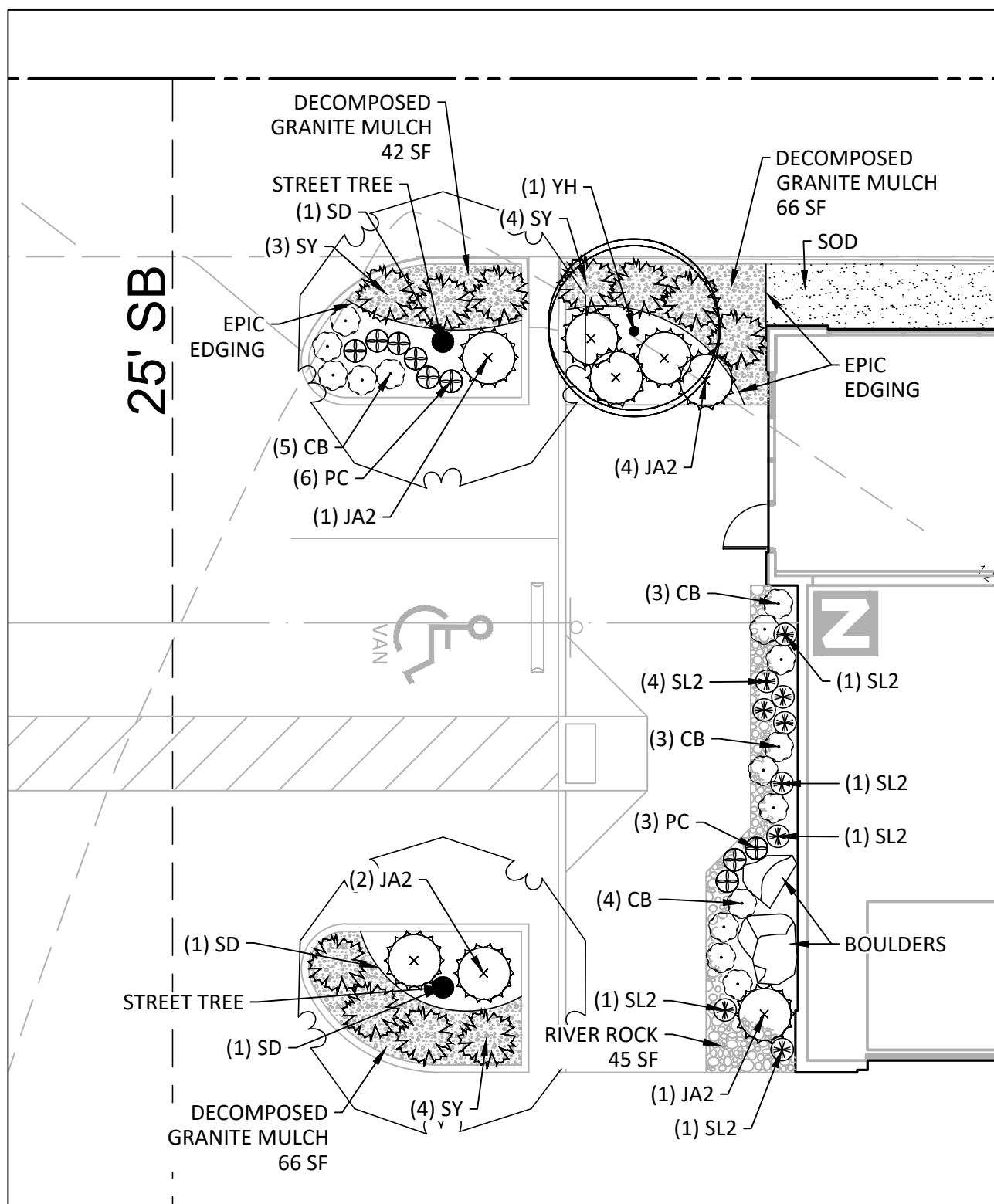
phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

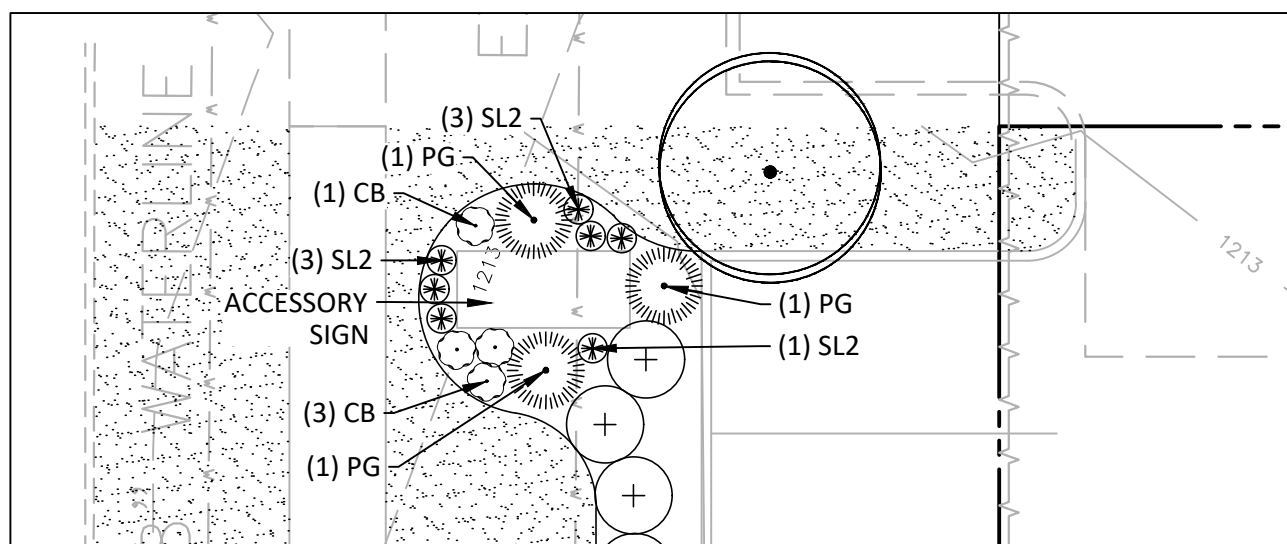
EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



01 PLAN ENLARGEMENT

SCALE: 1"=10'-0"



02 PLAN ENLARGEMENT

SCALE: 1"=10'-0"

| Points Table | | |
|-------------------------|---|--------|
| DESCRIPTION OF PROPERTY | Developed Area | 30.975 |
| | Required Parking Spaces | 11 |
| REQUIREMENTS | Proposed Parking Spaces | 21 |
| | Site Points: One point of landscaping for each 200 square feet of Developed Area. | 154.88 |
| CALCULATION OF POINTS | Parking Lot Points: Two points of landscaping for each required parking space. | 22 |
| | One point for each additional parking space. | 10 |
| Total Points Required | | 186.88 |

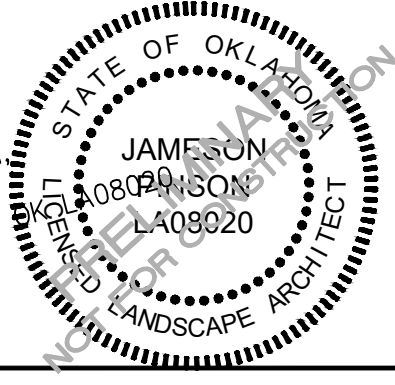
| TABLE 11250.1: POINT VALUES FOR VARIOUS PLANTINGS | | | | | |
|---|---|---|---------------------------|---------------------------|-----------------|
| Type of Plant Material | Minimum Size (at time of planting) | | Point Value | Plant QTY. Provided | Points Provided |
| | Deciduous Trees | Evergreen Trees | | | |
| Large Tree | 8-inch or greater caliper | 22 ft. and over | 26 | 0 | 0 |
| | 7-inch caliper | 19--21 ft. height | 24 | 0 | 0 |
| | 6-inch caliper | 16--18 ft. height | 22 | 0 | 0 |
| | 5-inch caliper | 13--15 ft. height | 20 | 0 | 0 |
| | 4-inch caliper | 11--12 ft. height | 18 | 0 | 0 |
| Medium Tree | 3-inch caliper | 9--10 ft. height | 15 | 3 | 45 |
| | 2-inch caliper | 7--8 ft. height | 12 | 0 | 0 |
| | Single Trunk: 1-inch caliper | 5--6 ft. height | 9 | 4 | 36 |
| Ornamental Tree | Multiple Trunk (minimum 3 trunks): Smallest trunk 1-inch caliper | 5--6 ft. height | 9 | 0 | 0 |
| Large Shrub/Perennial | 5 gallon and 24-inch height at planting | | 3 | 37 | 111 |
| | Medium Shrub/Perennial | 3 gallon and 12-inch height at planting | 2 | 3 | 6 |
| | Small Shrub/Perennial | 2 gallon and 8-inch height at planting | 1 | 0 | 0 |
| Groundcover/Perennial | 1 gallon | | 1/4 | 44 | 22.0 |
| | 4-inch pots | | 1/4 | 0 | 0 |
| Existing Significant Tree | 6-inch caliper (\$ 59-11400 (Existing Tree Credits)) | | 22 to 50 | 0 | 0 |
| Landscaped Berm | 30-inch height; 10-foot length; 3:1 slope | | 1 per 5 L.F. | 0 | 0 |
| Turf Grass | Turf Grass in ROW is Excluded | | 1/4 per s.y. | 656 | 46.72 |
| Points Required= | | | 186.88 | | |
| Points Provided= | | | | PTS. Met | 250.44 |
| Accessory Sign Points Required= | | | 2 | | |
| | | | Max. / Min. PTS. Required | Max. / Min. PTS. Provided | |
| A minimum of 60 percent of Site Points shall be used for landscaping in front and side yards. | | | 112.13 | 124.00 | PTS. Met |
| A minimum of 25 percent of required points shall be used for evergreen plantings. | | | 46.72 | 81.75 | PTS. Met |
| A maximum of 25 percent of required points may be used for turf grass. Turf located within the street right-of-way is excluded. | | | 46.72 | 46.72 | PTS. Met |
| A maximum of 15 percent of required Site Points may be used for Perennial plantings. | | | 28.03 | 22.00 | PTS. Met |
| A maximum of 25 percent of required landscape points may be claimed within the street right-of-way. | | | 46.72 | 46.72 | PTS. Met |
| Streetscape Buffer | | | Required | Provided | |
| 1 medium tree for each 40 linear feet of abutment | | L.F. | 97 | 2.43 | 3 |
| | | | | | QTY. Met |
| Accessory Sign Points Required = 2 PTS. / SF | | | | | |
| | | SF | 75.2 | 37.60 | 37.60 |
| | | | | | QTY. Met |

Irrigation Note: An automatic irrigation system with an equipped rain/freeze sensor must be provided for all required landscape areas.

| MATERIAL SCHEDULE | | | | |
|-------------------|-------|--------------------|-------------------|-------------------------------|
| SYMBOL | QTY | MATERIAL | TYP. | REMARKS |
| | 74 SF | DECOMPOSED GRANITE | HUMMA SCREENINGS | MINICK MATERIALS 405-789-2068 |
| | 45 SF | RIVER ROCK | SWEETWATER COBBLE | MINICK MATERIALS 405-789-2068 |
| | 2 | BOULDERS | COWBOY | MINICK MATERIALS 405-789-2068 |

| PLANT SCHEDULE | | | | | | | | | |
|-----------------------------|------|----------|---|--------|-----------|-----------|----------|-----------------------|--------|
| SYMBOL | CODE | QTY | COMMON / BOTANICAL NAME | CAL | HEIGHT | | | REMARKS | POINTS |
| TREES | | | | | | | | | |
| | CO | 1 | Chickapin Oak Quercus muhlenbergii | 3" min | 10' - 12' | | | STRONG CENTRAL LEADER | 15 |
| | SD | 2 | Western Soapberry Sapindus saponaria var. drummondii | 3" | 10' - 12' | | | STRONG CENTRAL LEADER | 30 |
| ORNAMENTAL TREES | | | | | | | | | |
| | RB | 2 | Eastern Redbud Cercis canadensis | 2" min | 7' - 8' | | | STRONG CENTRAL LEADER | 18 |
| | YH | 2 | Yaupon Holly Ilex vomitoria | 30 GAL | 7' - 8' | | | STRONG CENTRAL LEADER | 9 |
| SYMBOL | CODE | QTY | COMMON / BOTANICAL NAME | CONT | HEIGHT | SPREAD | SPACING | REMARKS | |
| SHRUBS | | | | | | | | | |
| | JA2 | 8 | Andorra Juniper Juniperus horizontalis 'Andorra' | 5 gal | 8" min | 18" min | 48" o.c. | | 24 |
| | DY | 18 | Dwarf Yaupon Ilex vomitoria 'Nana' | 5 gal | 24" - 36" | 24" min | 48" o.c. | UNIFORM, FULL | 46.72 |
| | SY | 11 | Soft Leaf Yucca Yucca pendula | 5 gal | 18" - 24" | 18" - 24" | 48" o.c. | | 33 |
| ORNAMENTAL GRASSES + SEDGES | | | | | | | | | |
| | SL2 | 16 | Little Bluestem Sichzachyrium scoparium | 1 gal | 12" min | 12" min | 18" o.c. | | 6.0 |
| PERENNIALS | | | | | | | | | |
| | CB | 19 | Berlandier's Sundrops Calylophus berlandieri | 1 gal | 9" min | 12" min | 24" o.c. | | 11.5 |
| | PG | 3 | Gaura Gaura lindheimeri | 3 gal | 18" min | 18" min | 48" o.c. | | 6.0 |
| | PC | 9 | Purple Coneflower Echinacea purpurea | 1 gal | 12" | 12" o.c. | 18" o.c. | | 4.5 |
| SYMBOL | CODE | QTY | COMMON / BOTANICAL NAME | CONT | | | SPACING | REMARKS | |
| GROUND COVERS | | | | | | | | | |
| | BD2 | 8,114 sf | Buffalo Grass Bouteloua dactyloides | Sod | | | | | 46.72 |

PRELIMINARY PLANS
THIS DOCUMENT IS FOR INTERIM REVIEW
AND IS NOT INTENDED FOR CONSTRUCTION
BIDDING, OR PERMIT PURPOSES
JAMESON PINSON LANDSCAPE ARCHITECT
DATED 7/9/2024



REVISIONS

NO. DATE DESCRIPTION

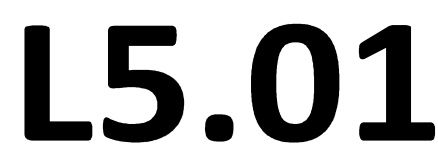
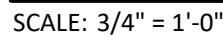
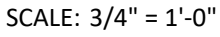
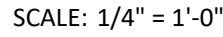
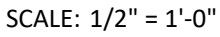
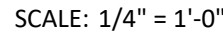
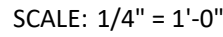
PLAN INFORMATION

PROJECT NO. BRP24001
FILENAME BRP24001-LS1.DWG
CHECKED BY JEB
DRAWN BY JEB
SCALE 20 SCALE
DATE 05/21/2024

SHEET

LANDSCAPE PLAN

L5.00





THE UTILITIES AS SHOWN ON THIS DRAWING WERE DEVELOPED FROM THE INFORMATION AVAILABLE. THIS IS NOT IMPLIED NOR INTENDED TO BE THE COMPLETE INVENTORY OF UTILITIES IN THIS AREA. IT IS THE CLIENT'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE.

Zoning

Zoning Report by: American National, LLC
Project Name: N May Ave - TOPO
Project Number: 20240381
Dated: March 8, 2024
Property Address: 4900 N. May Avenue
Zoning Classification: C-3 Community Commercial District

Site Requirements

Minimum Lot Size: 12,000 SF
Minimum Lot Width: 50'
Maximum Building Height: 1 Story or 20'
Abutting R-1 or within 35': 2 Stories or 35'
Within 35'-150' of R-1: 6 Stories
More than 150' from R-1: 6 Stories

Setback Requirements

Front: 25'
Side: None
Rear: None

Benchmark

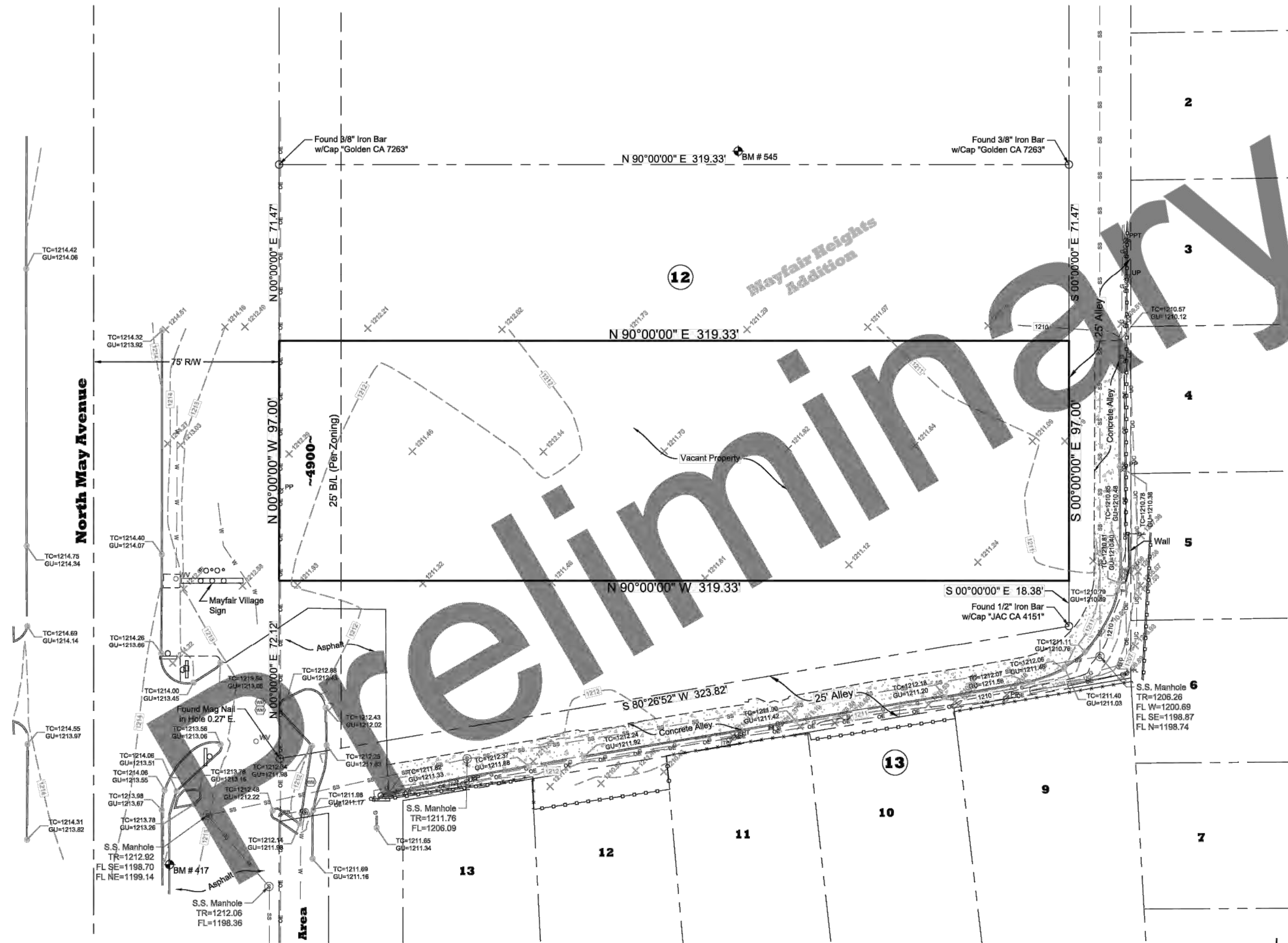
OKC GPS Sta. No. 320
2" diameter aluminum cap located approximately 700 feet East of the centerline of Meridian Avenue, 70 feet West of Amelia Avenue and 30 feet South of the centerline of NW 36th Street.
Elev.= 1280.17

BM # 417
Cut "X" on the West curb line of parking lot South of subject property.
Elev.=1214.09

BM # 545
Cut "X"
Elev.=1212.95

Plat of Survey

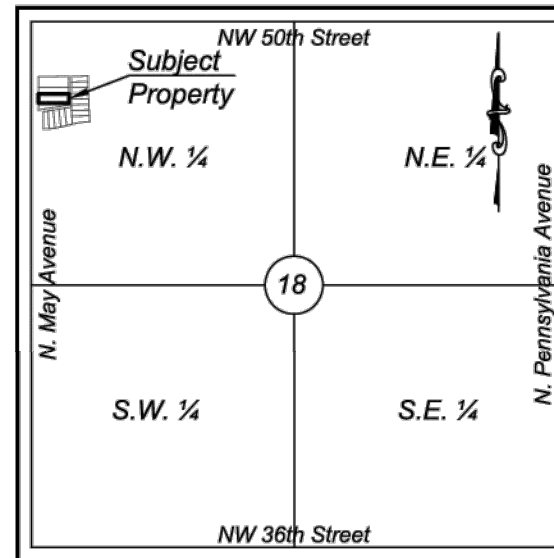
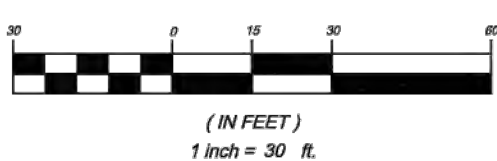
Part of the Northwest Quarter of Section 18, Township 12 North, Range 3 West City of Oklahoma City, Oklahoma County, Oklahoma



Legend

| | | | |
|-------------|-------------------------|---|------------------------|
| — | SUBJECT PROPERTY | ○ | FOUND MONUMENT |
| --- | PROPERTY LINE | ● | SET MONUMENT |
| - - - - | EASEMENT LINE | ≡ | BOLLARD |
| - - - - | BUILDING SET BACK LINE | ≡ | TELEPHONE PEDESTAL |
| - - - - | CENTER LINE | ○ | UTILITY POLE |
| — OE — OE — | OVERHEAD ELECTRIC LINES | ⊙ | POWER POLE |
| — G — G — | UNDERGROUND GAS LINE | — | GUY ANCHOR |
| — UC — UC — | UNDERGROUND CABLE | ⊙ | GAS VALVE |
| — W — W — | UNDERGROUND WATERLINE | ⊙ | WATER METER |
| — SS — SS — | SANITARY SEWER LINE | ⊙ | WATER VALVE |
| — x — x — | BRICK FENCE | ⊙ | SIGN |
| — o — o — | STOCKADE FENCE | ⊙ | SANITARY SEWER MANHOLE |

GRAPHIC SCALE



Vicinity Map
Section 18, Township 12N, Range 3W
Not To Scale

Legal Description

Legal Description

Surveyor's Notes

- This Survey meets the requirements of the Oklahoma Minimum Standards for the Practice of Land Surveying, effective November 1, 2020, by the Board of Licensure for Professional Engineers and Land Surveyors.
- Date of Field Work: March 8, 2024
- This Survey was performed without the benefit of a Title Commitment. Surveyor not liable for Easements contained in abstract or by title search performed by the title company that may or may not cross the subject property.

Surveyor's Certificate

I, Curtis Lee Hale, a Licensed Land Surveyor, do hereby certify that a careful survey has been made under my supervision on the above described property as shown on the annexed plat hereto and there are no encroachments except if shown hereon. This Survey was made for the above stated purpose only and no other responsibility is hereby assumed. Dated at Oklahoma City, Oklahoma on this ____ day of ____, 2024.

Curtis Lee Hale, LS 1084



Date

| NO. | REVISION/ISSUE | DATE |
|-----|----------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |

CLIENT
American National, LLC
3465 S. Arlington Road, Suite E183
Akron, Ohio 44312
(330)-294-1077

Land Surveying and Planning
1601 SW 89th Street, Building C, Suite 200
OKLAHOMA CITY, OKLAHOMA 73159
P.O. Box 686-0724 - Box 4050 681-4881
C.A.: 819 - Exp. June 30, 2025
www.halesurvey.com

PROJECT NAME
Mayfair Heights Addition
Part of Block 12
4900 North May Avenue
Oklahoma City, Oklahoma
Plat of Survey

PROJECT NO. 6986.1
FILE 6986-1.dwg
DATE 3/11/2024
DRAWN BY JMS
CHECKED BY CWA
FIELD CREW ML, AS

SHEET
1
OF 1



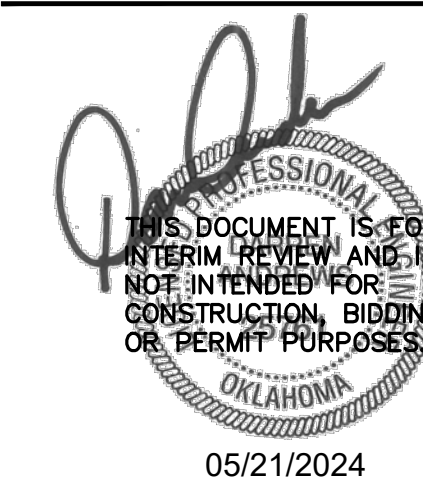
phone 972. 436. 9712
fax 972. 436. 9715
TBPE: 19762 TBPLS: 10194440

www.mcadamsco.com

CLIENT

EXPRESS OIL CHANGE & TIRE ENGINEERS
1880 SOUTHPARK DRIVE
BIRMINGHAM, ALABAMA 35244
(205) 533-1724
ASHLEY BERNATSKI

BRAKES PLUS - MAY AVENUE
CONSTRUCTION PLANS
4900 NORTH MAY AVENUE
OKLAHOMA CITY, OKLAHOMA, 73112



REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

PLAN INFORMATION

PROJECT NO. BRP24001
FILENAME BRP24001-PLAT1.DWG
CHECKED BY TL
DRAWN BY JW
SCALE N.T.S.
DATE 05/21/2024

SHEET

PLAT

V1.00