

CITY OF LEWISVILLE, TEXAS
OLD TOWN LEWISVILLE (OTL) GATEWAY MONUMENT
ISSUED FOR BID DOCUMENTS

12/30/2024



CITY OF LEWISVILLE, TX
151 WEST CHURCH STREET
LEWISVILLE, TX 75057

Kimley»Horn

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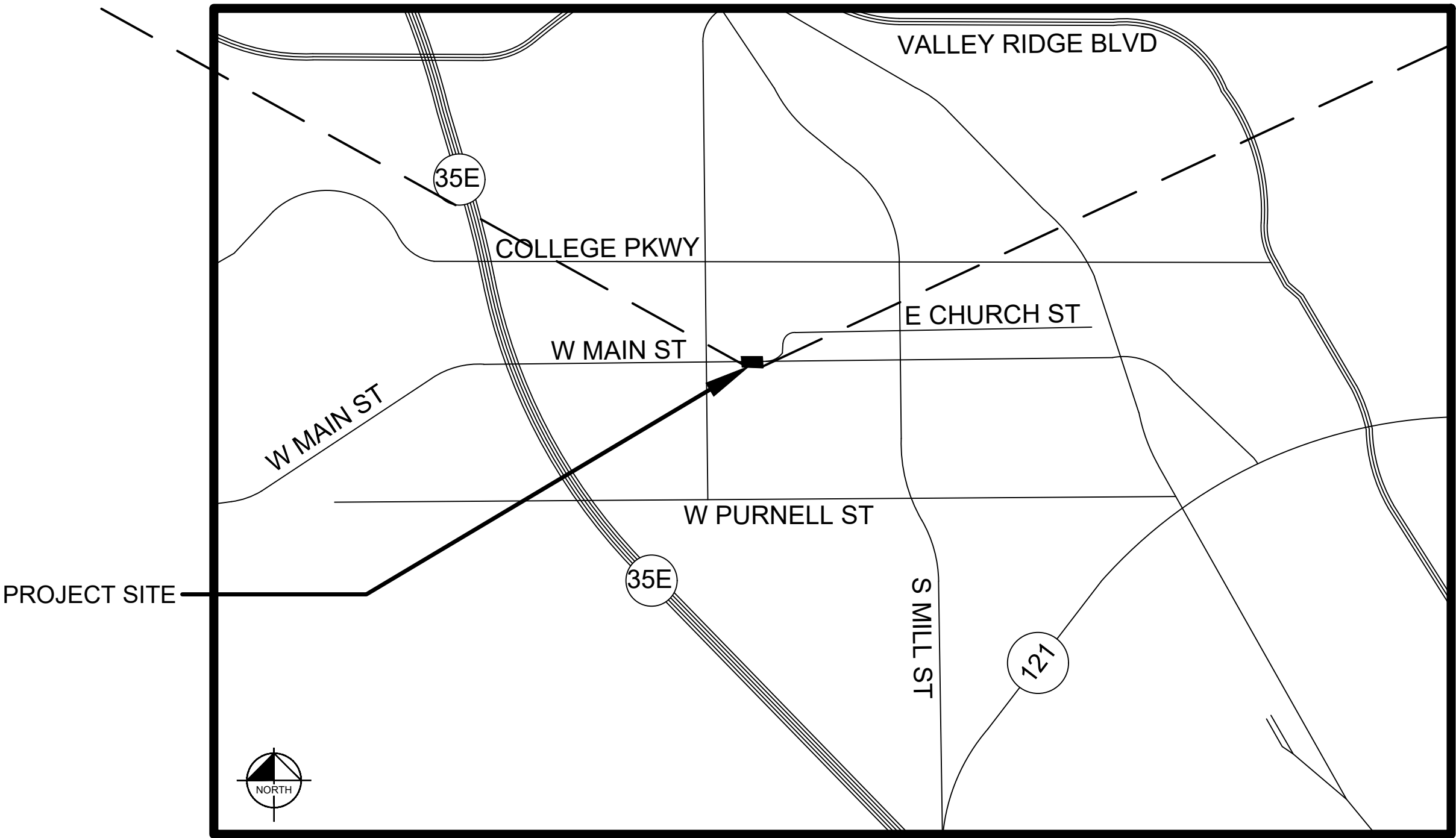
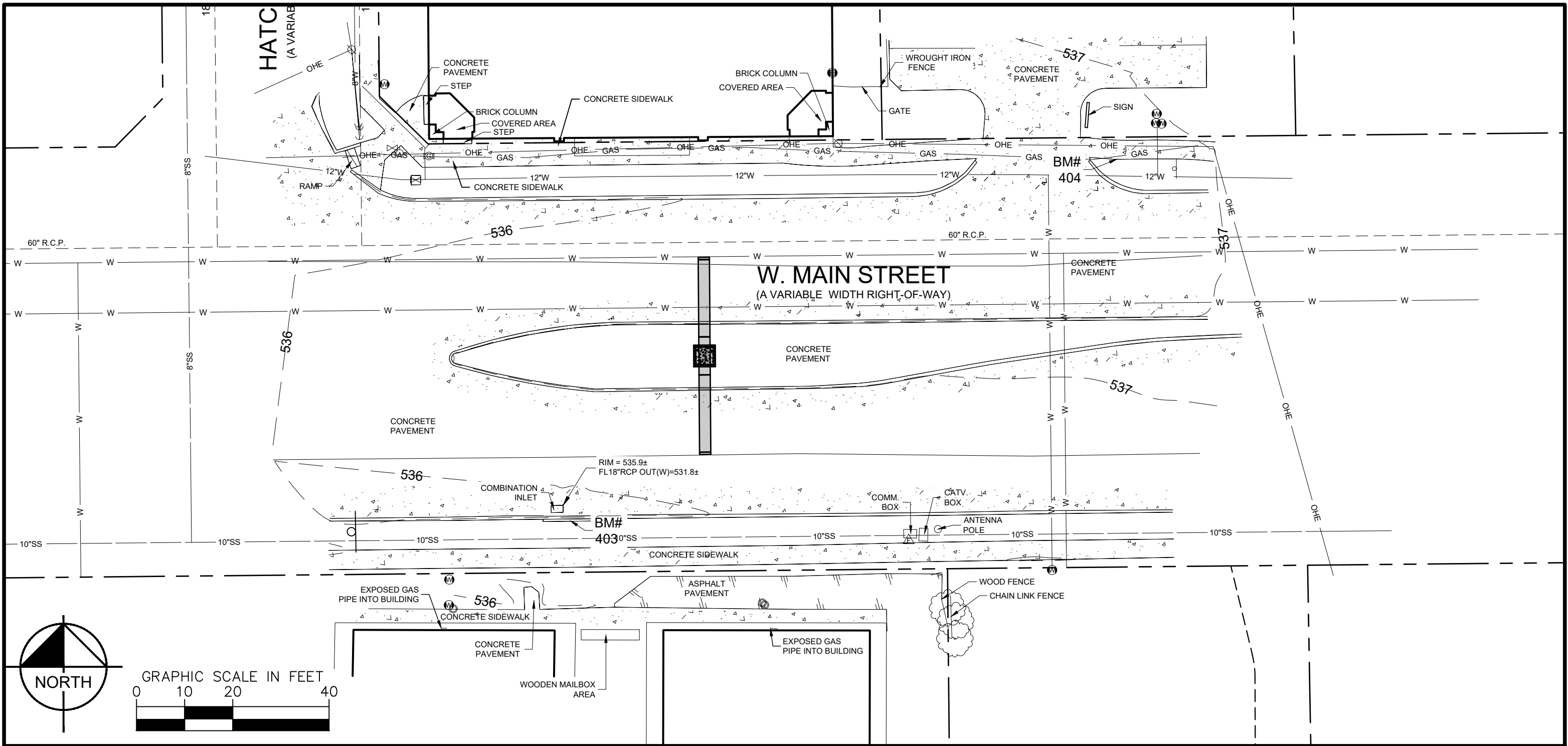
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VICINITY MAP NOT TO SCALE

SHEET INDEX

CONSTRUCTION DRAWINGS	DRAWINGS ISSUED									
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December 30, 2024, 02:17:04pm
K:\ARCH-LA\F-Projects\063025049 - Old Town Lewisville Gateway\CAD\Sheets\L1.01 SUMMARY OF ESTIMATES & QUANTITIES.dwg
Potted By: Updates, Kelle
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CITY OF LEWISVILLE GENERAL NOTES:

1. THE CITY OF LEWISVILLE'S INSPECTOR OVERTIME POLICY ALLOWS THE CONTRACTOR TO WORK FROM 7:00 A.M. TO 7:00 P.M., MONDAY THROUGH SATURDAY. ANY REQUEST TO WORK ON A SATURDAY MUST BE MADE PRIOR TO 12:00 P.M. ON THURSDAY AFTERNOON AND WILL REQUIRE A MINIMUM FOUR (4) HOUR CHARGE. THE CONTRACTOR SHALL PAY OVERTIME CHARGES OF \$45.00 PER HOUR TO THE CITY OF LEWISVILLE FOR WORK OUTSIDE THE NORMAL WORK WEEK (8:00 A.M. TO 5:00 P.M. MONDAY THROUGH FRIDAY). NO WORK IS ALLOWED ON SUNDAYS OR CITY HOLIDAYS WITHOUT WRITTEN APPROVAL FROM THE CITY ENGINEER OR DESIGNEE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A COPY OF THE BID PROPOSAL FOR ALL PUBLIC IMPROVEMENTS TO THE CITY OF LEWISVILLE AT THE PRE-CONSTRUCTION MEETING. THIS PROPOSAL SHALL INCLUDE UNIT COSTS, QUANTITIES, AND AMOUNTS.
3. THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING A 3.5% INSPECTION FEE TO THE CITY OF LEWISVILLE AT THE PRE-CONSTRUCTION MEETING FOR ALL PUBLIC IMPROVEMENTS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A TWO (2) YEAR, 100% MAINTENANCE BOND TO THE CITY OF LEWISVILLE FOR ALL PUBLIC IMPROVEMENTS (WATER, SANITARY SEWER, STORM DRAINAGE, PAVEMENT, SIDEWALK, SCREENING WALLS, TRAFFIC SIGNALS, PAVEMENT MARKINGS, AND EXCAVATION/FILL) WITHIN RIGHT-OF-WAYS OR EASEMENTS.
5. NO WATER JETTING IS ALLOWED FOR WATER, SANITARY SEWER, AND STORM SEWER DRAINAGE CONSTRUCTION.
6. ALL TRENCHES THAT ARE EXCAVATED TO A DEPTH IN EXCESS OF FIVE (5) FEET SHALL BE EXCAVATED AND MAINTAINED IN A MANNER THAT MEETS ALL OCCUPATION SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS. PRIOR TO THE EXCAVATION AND CONSTRUCTION OF THE TRENCH(ES) THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TWO (2) COPIES OF THE TRENCH SAFETY PLANS PREPARED BY A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH OSHA STANDARDS.
7. ALL EMBEDMENT AND BACKFILL SHALL BE WETTED TO APPROXIMATE OPTIMUM MOISTURE AND COMPACTED IN TWELVE (12) INCH LIFTS TO 95% STANDARD PROCTOR DENSITY. DENSITY TESTS SHALL BE OBTAINED FOR EACH LIFT AND FOR EACH 150 LINEAL FEET OF TRENCH OR INCREMENT THEREOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A COPY OF ALL GEOTECHNICAL LABORATORY REPORTS/TEST RESULTS TO THE CITY OF LEWISVILLE.
8. THERE SHALL BE NO FILLING IN THE FLOODPLAIN OR DUMPING WITHIN THE CITY OF LEWISVILLE WITHOUT AN APPROVED GRADING PLAN AND/OR FILL PERMIT.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING ALL FIELD CHANGES TO THE PLANS. THE PROJECT ENGINEER SHALL INCORPORATE THESE CHANGES IN "RECORD DRAWINGS".
10. . THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL DEVICES WHEN FIELD CONDITIONS WARRANT OR AS DIRECTED BY THE CITY OF LEWISVILLE OR THE ENGINEER.
11. THE PERMITTED OPERATOR SHALL SUBMIT COPIES OF THE NOTICE OF INTENT (N.O.I.) AND THE NOTICE OF TERMINATION (N.O.T.) TO THE CITY OF LEWISVILLE ENGINEERING DIVISION AS PART OF THE SUBMITTAL TO THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ).
12. THE CONTRACTOR SHALL REMOVE AND REPLACE ANY CONCRETE PAVEMENT (DRIVE APPROACHES/STREET PANELS) WITHIN FIVE (5) DAYS OF SAW CUTTING THE PAVEMENT. CONCRETE PAVEMENT SUBJECT TO VEHICULAR TRAFFIC SHALL HAVE A COMPRESSIVE STRENGTH OF 4,200 PSI AT 3 DAYS.
13. THE USE OF FLY ASH IS NOT ALLOWED IN THE CONCRETE MIX DESIGN.
14. ALL SUBGRADES FOR PUBLIC STREET IMPROVEMENTS SHALL BE TESTED FOR SULFATES PRIOR TO SUBGRADE TREATMENT. FILL MATERIALS CONTAINING SULFATES WILL NOT BE ALLOWED FOR USE WITHIN PUBLIC EASEMENTS OR RIGHT-OF-WAYS.
15. THE DEVELOPER IS RESPONSIBLE FOR PROVIDING A PRELIMINARY GEOTECHNICAL REPORT AT THE TIME OF THE SUBMITTAL OF THE CONSTRUCTION DRAWINGS. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR PROVIDING A GEOTECHNICAL REPORT UPON COMPLETION OF THE SUBGRADE TREATMENT FOR COMPARISON.
16. THE MAXIMUM P.I. ALLOWED FOR A TREATED SUBGRADE IS 25.
17. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR ALL THIRD PARTY COSTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT (I.E., INSPECTIONS, FLAGGERS, TRAFFIC CONTROL PERFORMED BY POLICE OFFICERS AND ETC.)

GENERAL NOTES:

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE PLANS, CITY (OR TOWN) STANDARD DETAILS AND SPECIFICATIONS, THE FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE CITY SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE MORE RESTRICTIVE SPECIFICATION AND DETAIL SHALL BE FOLLOWED.
2. THE CONTRACTOR SHALL COMPLY WITH CITY (OR TOWN) "GENERAL NOTES" FOR CONSTRUCTION, IF EXISTING AND REQUIRED BY THE CITY. FOR INSTANCES WHERE THEY CONFLICT WITH THESE KH GENERAL NOTES, THEN THE MORE RESTRICTIVE SHALL APPLY.
3. THE CONTRACTOR SHALL FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE AUTHORITIES' SPECIFICATIONS AND REQUIREMENTS.
4. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE EXISTING CONDITIONS.
5. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE PROVIDED BY THE TOPOGRAPHIC SURVEY PREPARED BY THE PROJECT SURVEYOR AND ARE BASED ON THE BENCHMARKS SHOWN. THE CONTRACTOR SHALL REFERENCE THE SAME BENCHMARKS.
6. THE CONTRACTOR SHALL REVIEW AND VERIFY THE EXISTING TOPOGRAPHIC SURVEY SHOWN ON THE PLANS REPRESENTS EXISTING FIELD CONDITIONS PRIOR TO CONSTRUCTION, AND SHALL REPORT ANY DISCREPANCIES FOUND TO THE OWNER, LANDSCAPE ARCHITECT, AND ENGINEER IMMEDIATELY.
7. IF THE CONTRACTOR DOES NOT ACCEPT THE EXISTING TOPOGRAPHIC SURVEY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY AT THEIR OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO THE OWNER, LANDSCAPE ARCHITECT, AND ENGINEER FOR REVIEW.
8. CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION SURVEYING AND STAKING.
9. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL CONTROL, INCLUDING BENCHMARKS PRIOR TO COMMENCING CONSTRUCTION OR STAKING OF IMPROVEMENTS. PROPERTY LINES AND CORNERS SHALL BE HELD AS THE HORIZONTAL CONTROL.
10. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS, ELEVATIONS, AND FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT, LANDSCAPE ARCHITECT AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE ARCHITECT, LANDSCAPE ARCHITECT, ENGINEER, AND IF APPLICABLE THE CITY AND OWNER. NO CONSIDERATION WILL BE GIVEN TO CHANGE ORDERS FOR WHICH THE CITY, ARCHITECT, ENGINEER, LANDSCAPE ARCHITECT, AND OWNER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM.
11. CONTRACTOR SHALL THOROUGHLY CHECK COORDINATION OF CIVIL, LANDSCAPE, MEP, AND OTHER PLANS PRIOR TO COMMENCING CONSTRUCTION. OWNER, LANDSCAPE ARCHITECT, AND ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO COMMENCING WITH CONSTRUCTION.
12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK TO HAVE THEM LOCATE THEIR EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION.
13. CONTRACTOR SHALL CALL TEXAS 811 AN ADEQUATE AMOUNT OF TIME PRIOR TO COMMENCING CONSTRUCTION OR ANY EXCAVATION.
14. CONTRACTOR SHALL USE EXTREME CAUTION AS THE SITE CONTAINS VARIOUS KNOWN AND UNKNOWN PUBLIC AND PRIVATE UTILITIES.
15. THE LOCATIONS, ELEVATIONS, DEPTH, AND DIMENSIONS OF EXISTING UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM AVAILABLE UTILITY COMPANY MAPS AND PLANS AND ARE CONSIDERED APPROXIMATE AND INCOMPLETE. IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO VERIFY THE PRESENCE, LOCATION, ELEVATION, DEPTH, AND DIMENSION OF EXISTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION SO THAT ADJUSTMENTS CAN BE MADE TO PROVIDE ADEQUATE CLEARANCES. THE ENGINEER AND LANDSCAPE ARCHITECT SHALL BE NOTIFIED WHEN A PROPOSED IMPROVEMENT CONFLICTS WITH AN EXISTING UTILITY.
16. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ANY ADJUSTMENTS AND RELOCATIONS OF EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, ADJUSTING EXISTING MANHOLES TO MATCH PROPOSED GRADE, RELOCATING EXISTING POLES AND GUY WIRES THAT ARE LOCATED IN PROPOSED DRIVEWAYS, ADJUSTING THE HORIZONTAL OR VERTICAL ALIGNMENT OF EXISTING UNDERGROUND UTILITIES TO ACCOMMODATE PROPOSED GRADE OR CROSSING WITH A PROPOSED UTILITY, AND ANY OTHERS THAT MAY BE ENCOUNTERED THAT ARE UNKNOWN AT THIS TIME AND NOT SHOWN ON THESE PLANS.
17. CONTRACTOR SHALL ARRANGE FOR OR PROVIDE, AT ITS EXPENSE, ALL GAS, TELECOMMUNICATIONS, CABLE, OVERHEAD AND UNDERGROUND POWER LINE, AND UTILITY POLE ADJUSTMENTS NEEDED.
18. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF FRANCHISE UTILITIES THAT ARE NECESSARY FOR ON-SITE AND OFF-SITE CONSTRUCTION, AND SERVICE TO THE PROPOSED DEVELOPMENT.
19. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGES DUE TO THE CONTRACTORS' FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES. THE OWNER, LANDSCAPE ARCHITECT, OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
20. BRACING OF UTILITY POLES MAY BE REQUIRED BY THE UTILITY COMPANIES WHEN TRENCHING OR EXCAVATING IN CLOSE PROXIMITY TO THE POLES. THE COST OF BRACING POLES WILL BE BORNE BY THE CONTRACTOR, WITH NO SEPARATE PAY ITEM FOR THIS WORK. THE COST IS INCIDENTAL TO THE PAY ITEM.
21. CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER LINES. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, FEDERAL AND UTILITY OWNER REGULATIONS PERTAINING TO WORK SETBACKS FROM POWER LINES.
22. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED CONSTRUCTION PERMITS, APPROVALS, AND BONDS PRIOR TO CONSTRUCTION.
23. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES A COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS, GEOTECHNICAL REPORT AND ADDENDA, PROJECT AND CITY SPECIFICATIONS, AND SPECIAL CONDITIONS, COPIES OF ANY REQUIRED CONSTRUCTION PERMITS, EROSION CONTROL PLANS, SWPPP AND INSPECTION REPORTS.
24. ALL SHOP DRAWINGS AND OTHER DOCUMENTS THAT REQUIRE LANDSCAPE ARCHITECT AND/OR ENGINEER REVIEW SHALL BE SUBMITTED BY THE CONTRACTOR SUFFICIENTLY IN ADVANCE OF CONSTRUCTION OF THAT ITEM, SO THAT NO LESS THAN 10 BUSINESS DAYS FOR REVIEW AND RESPONSE IS AVAILABLE.
25. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES, AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO USE OF THE FACILITY AND THE FINAL CONNECTION OF SERVICES.
26. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS.
27. CONTRACTOR'S BID PRICE SHALL INCLUDE ALL INSPECTION FEES.
28. ALL SYMBOLS SHOWN ON THESE PLANS (E.G. FIRE HYDRANT, METERS, VALVES, INLETS, ETC....) ARE FOR PRESENTATION PURPOSES ONLY AND ARE NOT TO SCALE. CONTRACTOR SHALL COORDINATE FINAL SIZES AND LOCATIONS WITH APPROPRIATE CITY INSPECTOR..
29. ALL CONSTRUCTION SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING SUBSEQUENT ADDENDA.
30. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL MATERIALS TESTING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND COMPLY WITH CITY STANDARD SPECIFICATIONS AND GEOTECHNICAL REPORT. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING MATERIALS. OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR MATERIALS TESTING.
31. ALL COPIES OF MATERIALS TEST RESULTS SHALL BE SENT TO THE OWNER, LANDSCAPE ARCHITECT, AND ENGINEER DIRECTLY FROM THE TESTING AGENCY.
32. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE MATERIALS, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS.
33. ALL CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS OUTSIDE OF THE WORK AREA WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR.
34. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, UTILITIES, MANHOLES, POLES, GUY WIRES, VALVE COVERS, VAULT LIDS, FIRE HYDRANTS, COMMUNICATION BOXES/PEDESTALS, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT NO COST TO THE OWNER.
35. THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PRIVATE PROPERTY OR PUBLIC IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO: FENCES, WALLS, SIGNS, PAVEMENT, CURBS, UTILITIES, SIDEWALKS, GRASS, TREES, LANDSCAPING, AND IRRIGATION SYSTEMS, ETC.... TO ORIGINAL CONDITION OR BETTER AT NO COST TO THE OWNER.
36. ALL AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY SITE CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITION OR BETTER, INCLUDING AS NECESSARY GRADING, LANDSCAPING, CULVERTS, AND PAVEMENT.
37. THE CONTRACTOR SHALL SALVAGE ALL EXISTING POWER POLES, SIGNS, WATER VALVES, FIRE HYDRANTS, METERS, ETC... THAT ARE TO BE RELOCATED DURING CONSTRUCTION.
38. CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES

- OF CONSTRUCTION, INCLUDING MAINTAINING EXISTING DITCHES OR CULVERTS FREE OF OBSTRUCTIONS AT ALL TIMES.
39. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER.
40. SITE SAFETY IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

41. THESE PLANS DO NOT EXTEND TO OR INCLUDE DESIGNS OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONTRACTOR OR ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE ENGINEER'S SEAL HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF ALL REQUIRED SAFETY PROCEDURES AND PROGRAMS.

42. SIGNS RELATED TO SITE OPERATION OR SAFETY ARE NOT INCLUDED IN THESE PLANS.

43. CONTRACTOR OFFICE, STAGING AREA, AND SITE ENTRANCE SHALL BE AGREED ON BY THE OWNER AND CONTRACTOR PRIOR TO BEGINNING OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ALL PERMITTING REQUIREMENTS FOR THE CONSTRUCTION OFFICE, TRAILER, STORAGE, AND STAGING OPERATIONS AND LOCATIONS.

44. LIGHT POLES, SIGNS, AND OTHER OBSTRUCTIONS SHALL NOT BE PLACED IN ACCESSIBLE ROUTES.

45. ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

46. TOP OF INLET ELEVATIONS OF ALL EXISTING AND PROPOSED MANHOLES SHALL BE COORDINATED WITH TOP OF PAVEMENT OR FINISHED GRADE AND SHALL BE ADJUSTED TO BE FLUSH WITH THE ACTUAL FINISHED GRADE AT THE TIME OF PAVING.

47. CONTRACTOR SHALL ADJUST ALL EXISTING AND PROPOSED VALVES, FIRE HYDRANTS, AND OTHER UTILITY APPURTENANCES TO MATCH ACTUAL FINISHED GRADES AT THE TIME OF PAVING.

48. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SEQUENCING AND PHASING, AND SHALL CONTACT THE APPROPRIATE CITY OFFICIALS, INCLUDING BUILDING OFFICIAL, ENGINEERING INSPECTOR, AND FIRE MARSHALL TO LEARN OF ANY REQUIREMENTS.

49. CONTRACTOR IS RESPONSIBLE FOR PREPARATION, SUBMITTAL, AND APPROVAL BY THE CITY OF A TRAFFIC CONTROL PLAN, IF REQUIRED, PRIOR TO THE START OF CONSTRUCTION, AND THEN THE IMPLEMENTATION OF THE PLAN.

50. CONTRACTOR SHALL KEEP A NEAT AND ACCURATE RECORD OF CONSTRUCTION, INCLUDING ANY DEVIATIONS OR VARIANCES FROM THE PLANS.

51. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT PLANS TO THE OWNER, LANDSCAPE ARCHITECT, ENGINEER, AND CITY IDENTIFYING ALL DEVIATIONS AND VARIATIONS FROM THESE PLANS MADE DURING CONSTRUCTION.

52. WRITTEN DIMENSIONS PREVAIL OVER SCALED DIMENSIONS. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.

53. ALL PROPOSED AND FINISHED GRADES ARE BASED UPON INFORMATION PROVIDED BY THE OWNER'S SURVEY AND/OR CIVIL ENGINEER. ANY DISCREPANCIES IN ACTUAL FIELD MEASUREMENTS ARE TO BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY.

54. PRIOR TO COMMENCEMENT OF HARDSCAPE CONSTRUCTION - ALL PIERS, FOOTINGS, AND WALLS ARE TO BE SURVEYED, LAID OUT, AND STAKED IN THE FIELD FOR REVIEW BY LANDSCAPE ARECHITECT. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DEMOLITION, ADJUSTMENTS, OR RECONSTRUCTION RESULTING FROM UNAUTHORIZED CONSTRUCTION ACTIVITIES.


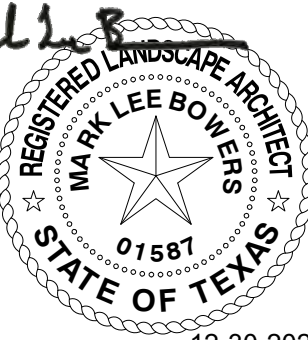
55. CONTRACTOR IS RESPONSIBLE FOR ALL QUANTITIES SHOWN IN THE DRAWINGS AND SPECIFICATIONS. ANY QUANTITIES ARE PROVIDED BY LANDSCAPE ARCHITECT ARE PROVIDED FOR CONVENIENCE ONLY. CONTRACTORS ARE TO BID THEIR OWN VERIFIED QUANTITIES. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.

56. EASEMENTS, SETBACKS, BUILDINGS, CURB AND GUTTER, AND UNDERGROUND UTILITIES HAVE BEEN SUPPLIED TO LANDSCAPE ARCHITECT BY THE PROJECT CIVIL ENGINEER. REFER TO CIVIL ENGINEER'S DRAWINGS FOR ADDITIONAL INFORMATION.



Know what's below.
Call before you dig.



KHA PROJECT 063025049	DATE 12/30/2024	SCALE AS SHOWN	DESIGNED BY IM	DRAWN BY KU	CHECKED BY MB	BY	DATE	REVISIONS	No.	PROJECT NO. 063025049 / BID NO. XXX-XXX
 © 2024 KIMLEY-HORN AND ASSOCIATES, INC. 2600 NORTH CENTRAL EXPRESSWAY SUITE 400, RICHARDSON, TX 75080 PHONE: 214-617-6635 WWW.KIMLEY-HORN.COM										
										
CITY OF LEWISVILLE OLD TOWN LEWISVILLE GATEWAY										
GENERAL NOTES										
SHEET NUMBER L1.01										

Plotted By: Updates, Katie December 30, 2024 02:17:42pm K:\RCH\LA\F-Projects\063025049 - Old Town Lewisville Gateway\CAD\Sheets\L1.02 SUMMARY OF ESTIMATES & QUANTITIES.dwg
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HARDSCAPE NOTES:

GRADING NOTES:

1. THE CONTRACTOR AND LANDSCAPE GRADING SUBCONTRACTOR SHALL VERIFY THE SUITABILITY OF EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE START OF CONSTRUCTION. THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
2. CONTRACTOR SHALL OBTAIN ANY REQUIRED GRADING PERMITS FROM THE CITY.
3. UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREA REFLECT TOP OF PAVEMENT SURFACE. IN LOCATIONS ALONG A CURB LINE, ADD 6-INCHES (OR THE HEIGHT OF THE CURB) TO THE PAVING GRADE FOR TOP OF CURB ELEVATION.
4. PROPOSED SPOT ELEVATIONS AND CONTOURS OUTSIDE THE PAVEMENT ARE TO TOP OF FINISHED GRADE.
5. PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN CASE OF DISCREPANCY.
6. ALL FINISHED GRADES SHALL TRANSITION UNIFORMLY BETWEEN THE FINISHED ELEVATIONS SHOWN.
7. CONTOURS AND SPOT GRADES SHOWN ARE ELEVATIONS OF TOP OF THE FINISHED SURFACE. WHEN PERFORMING THE GRADING OPERATIONS, THE CONTRACTOR SHALL PROVIDE AN APPROPRIATE ELEVATION HOLD-DOWN ALLOWANCE FOR THE THICKNESS OF PAVEMENT, SIDEWALK, TOPSOIL, MULCH, STONE, LANDSCAPING, RIP-RAP AND ALL OTHER SURFACE MATERIALS THAT WILL CONTRIBUTE TO THE TOP OF FINISHED GRADE. FOR EXAMPLE, THE LIMITS OF EARTHWORK IN PAVED AREAS IS THE BOTTOM OF THE PAVEMENT SECTION.
8. NO REPRESENTATIONS OF EARTHWORK QUANTITIES OR SITE BALANCE ARE MADE BY THESE PLANS. THE CONTRACTOR SHALL PROVIDE THEIR OWN EARTHWORK CALCULATION TO DETERMINE THEIR CONTRACT QUANTITIES AND COST. ANY SIGNIFICANT VARIANCE FROM A BALANCED SITE SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
9. ALL GRADING AND EARTHWORK SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING SUBSEQUENT ADDENDA.
10. ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. UNUSABLE EXCAVATED MATERIAL AND ALL WASTE RESULTING FROM SITE CLEARING AND GRUBBING SHALL BE REMOVED FROM THE SITE AND APPROPRIATELY DISPOSED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE.
11. BEFORE ANY EARTHWORK IS PERFORMED, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF THE PROJECT'S PROPERTY LINE AND SITE IMPROVEMENTS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR LINE AND GRADE CONTROL POINTS RELATED TO EARTHWORK.
12. CONTRACTOR TO DISPOSE OF ALL EXCESS EXCAVATION MATERIALS IN A MANNER THAT ADHERES TO LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. THE CONTRACTOR SHALL KEEP A RECORD OF WHERE EXCESS EXCAVATION WAS DISPOSED, ALONG WITH THE RECEIVING LANDOWNER'S APPROVAL TO DO SO.
13. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF TOPSOIL AT THE COMPLETION OF FINE GRADING. CONTRACTOR SHALL REFER TO PLANTING SOIL PLANS AND SPECIFICATIONS FOR TOPSOIL REQUIREMENTS.
14. CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING EXISTING DITCHES OR CULVERTS FREE OF OBSTRUCTIONS AT ALL TIMES.
15. NO EARTHWORK FILL SHALL BE PLACED IN ANY EXISTING DRAINAGE WAY, SWALE, CHANNEL, DITCH, CREEK, OR FLOODPLAIN FOR ANY REASON OR ANY LENGTH OF TIME, UNLESS THESE PLANS SPECIFICALLY INDICATE THIS IS REQUIRED.
16. REFER TO SITE PLAN FOR HORIZONTAL DIMENSIONS.
17. THE CONTRACTOR SHALL CLEAR AND GRUB THE SITE AND PLACE, COMPACT, AND CONDITION FILL PER THE PROJECT GEOTECHNICAL ENGINEER'S SPECIFICATIONS. THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.
18. CONTRACTOR IS RESPONSIBLE FOR ALL SOILS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL SOILS TESTING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND SHALL COMPLY WITH CITY STANDARD SPECIFICATIONS AND THE GEOTECHNICAL REPORT. SOILS TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING SOILS. THE OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR SOILS TESTING.
19. ALL COPIES OF SOILS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND LANDSCAPE ARCHITECT DIRECTLY FROM THE TESTING AGENCY.
20. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE SOILS, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS.
21. FOR WORK LOCATED WITHIN 5-FEET FROM THE BUILDING, CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT AND STRUCTURAL PLANS AND SPECIFICATIONS FILL, CONDITIONING, AND PREPARATION IN THE BUILDING PAD.
22. DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING, IF NONE IS CURRENTLY EXISTING.
23. CONTRACTOR SHALL ENSURE THAT SUFFICIENT POSITIVE SLOPE AWAY FROM THE BUILDING PAD IS ACHIEVED FOR ENTIRE PERIMETER OF THE PROPOSED BUILDING(S) DURING GRADING OPERATIONS AND IN THE FINAL CONDITION. IF THE CONTRACTOR OBSERVES THAT THIS WILL NOT BE ACHIEVED, THE CONTRACTOR SHALL CONTACT THE CIVIL ENGINEER AND LANDSCAPE ARCHITECT TO REVIEW THE LOCATION.
24. THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING WATER, OR BY OTHER MEANS APPROVED BY THE CITY, AT NO ADDITIONAL COST TO THE OWNER.
25. CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR ANY REQUIRED UTILITY ADJUSTMENTS AND/OR RELOCATIONS NEEDED FOR GRADING OPERATIONS AND TO ACCOMMODATE PROPOSED GRADE, INCLUDING THE UNKNOWN UTILITIES NOT SHOWN ON THESE PLANS. CONTRACTOR SHALL REFER TO THE GENERAL NOTES SECTION OF THESE PLANS FOR ADDITIONAL INFORMATION. .
26. CONTRACTOR SHALL FIELD VERIFY ALL PROTECTED TREE LOCATIONS, INDIVIDUAL PROTECTED TREE CRITICAL ROOT ZONES, AND PROPOSED SITE GRADING, AND NOTIFY THE CIVIL ENGINEER AND LANDSCAPE ARCHITECT OF ANY CONFLICTS WITH THE TREE PROTECTION PLAN PRIOR TO COMMENCING THE WORK.
27. AFTER PLACEMENT OF SUBGRADE AND PRIOR TO PLACEMENT OF PAVEMENT, CONTRACTOR SHALL TEST AND OBSERVE PAVEMENT AREAS FOR EVIDENCE OF PONDING AND INADEQUATE SLOPE FOR DRAINAGE. ALL AREAS SHALL ADEQUATELY DRAIN TOWARDS THE INTENDED STRUCTURE TO CONVEY STORMWATER RUNOFF. CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT IF ANY AREAS OF POOR DRAINAGE ARE DISCOVERED.
28. CONTRACTOR FIELD ADJUSTMENT OF PROPOSED SPOT GRADES IS ALLOWED, IF THE APPROVAL OF THE LANDSCAPE ARCHITECT IS OBTAINED.

SLOPE CRITERIA:

1. ALL SLOPES SHALL MEET FEDERAL AND STATE ACCESSIBILITY CODES.
2. BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA, TAS, AND FHA) EXIST TO AND FROM EVERY DOOR AND ALONG SIDEWALKS, ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND ACCESSIBLE ROUTES.
3. CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT TO VERIFY THAT ADA/TAS SLOPE REQUIREMENTS ARE PROVIDED. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA AND TAS SLOPE COMPLIANCE ISSUES.
4. MAXIMUM DESIGN CROSS SLOPES FOR ACCESSIBLE ROUTE ARE NOT TO EXCEED 1.5% AND IN NO CASE SHALL EXCEED 2%.
5. MAXIMUM DESIGN PAVEMENT RUNNING SLOPES FOR ACCESSIBLE ROUTES SHALL NOT EXCEED 4.5% AND IN NO CASE SHALL EXCEED 5%.
6. MAXIMUM DESIGN ACCESSIBLE RAMP FOR ACCESSIBLE ROUTES SHALL NOT EXCEED 7.5% AND IN NO CASE SHALL EXCEED 1 VERTICAL TO 12 HORIZONTAL.

EROSION CONTROL NOTES:

1. REFERENCE TRAFFIC CONTROL NARATIVE.
2. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF GRADING. REFERENCE EROSION CONTROL PLAN, DETAILS, GENERAL NOTES, AND SWPPP FOR ADDITIONAL INFORMATION AND REQUIREMENTS, PROVIDED BY THE CONTRACTOR.

HARDSCAPE NOTES:

1. ALL PAVING MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS, THE CITY STANDARD DETAILS AND SPECIFICATIONS, THE FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE CITY SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE MORE RESTRICTIVE SPECIFICATION/DETAIL SHALL BE FOLLOWED.
2. ALL PRIVATE ON-SITE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING ALL ADDENDA.
3. ALL PUBLIC PAVING AND PAVING SUBGRADE SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS.
4. CONTRACTOR IS RESPONSIBLE FOR ALL PAVING AND PAVING SUBGRADE TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL PAVING AND PAVING SUBGRADE TESTING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING PAVING AND SUBGRADE. OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR PAVING AND PAVING SUBGRADE TESTING.
5. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE PAVING AND PAVING SUBGRADE, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS.
6. DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING, IF NONE IS CURRENTLY EXISTING..
7. CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT TO MATCH EXISTING PAVEMENT WITH A SMOOTH, FLUSH, CONNECTION. IF PAVING HAS AN IRREGULAR PATTERN, ALL JOINTS EXCEEDING 1/4" IN WIDTH SHALL BE FLUSH WITH ADJACENT PAVING SURFACE.
8. REFER TO GEOTECHNICAL REPORT FOR PAVING JOINT LAYOUT PLAN REQUIREMENTS FOR PRIVATE PAVEMENT.
9. REFER TO CITY STANDARD DETAILS AND SPECIFICATIONS FOR JOINT LAYOUT PLAN REQUIREMENTS FOR PUBLIC PAVEMENT.
10. ALL REINFORCING STEEL SHALL CONFORM TO THE GEOTECHNICAL REPORT, CITY STANDARDS, AND ASTM A-615, GRADE 60, AND SHALL BE SUPPORTED BY BAR CHAIRS. CONTRACTOR SHALL USE THE MORE STRINGENT OF THE CITY AND GEOTECHNICAL STANDARDS.
11. ALL JOINTS SHALL EXTEND THROUGH THE CURB.
12. THE MINIMUM LENGTH OF OFFSET JOINTS AT RADIUS POINTS SHALL BE 2 FEET.
13. ALL SAWCUTS SHALL BE FULL DEPTH FOR PAVEMENT REMOVAL AND CONNECTION TO EXISTING PAVEMENT.
14. CONTRACTOR IS RESPONSIBLE FOR INSTALLING NECESSARY CONDUIT FOR LIGHTING, IRRIGATION, ETC. PRIOR TO PLACEMENT OF PAVEMENT. ALL CONSTRUCTION DOCUMENTS (CIVIL, MEP, LANDSCAPE, IRRIGATION, AND ARCHITECT) SHALL BE CONSULTED.
15. CONTRACTOR SHALL TAKE FIELD SLOPE MEASUREMENTS ON FINISHED SUBGRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT TO VERIFY THAT ADA/TAS SLOPE REQUIREMENTS ARE PROVIDED. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA AND TAS SLOPE COMPLIANCE ISSUES.

SIGNAGE NOTES:

1. ALL PROJECT SAFETY SIGNAGE, GRAPHICS, DIRECTIONAL SIGNAGE, AND WAYFINDING IS BY OTHERS AND IS NOT A PART OF THE SCOPE OF THESE DRAWINGS AND SPECIFICATIONS.



Know what's below.
Call before you dig.



KHA PROJECT 063025049	DATE 12/30/2024	SCALE AS SHOWN	DESIGNED BY IM	DRAWN BY KU	CHECKED BY MB	CITY OF LEWISVILLE OLD TOWN LEWISVILLE GATEWAY	GENERAL NOTES	SHEET NUMBER L1.02
<div><div><div>Kimley»Horn</div><div>© 2024 KIMLEY-HORN AND ASSOCIATES, INC. 2800 NORTH CENTRAL EXPRESSWAY SUITE 400, RICHARDSON, TX 75080 PHONE: 214-617-0535 WWW.KIMLEY-HORN.COM</div></div><div><div>11.18</div><div>MA RILEE BOWERS REGISTERED LANDSCAPE ARCHITECT STATE OF TEXAS 01587</div><div>12-30-2024</div></div></div>								
PROJECT NO. 063025049 / BID NO. XXX-XXX								

Plotted By:Urduja, Katie December 30, 2024 02:16:13pm K:\ARCH_L&P\Projects\063025049 - Old Town Lewisville Gateways\CAD\Sheets\L1.03 SUMMARY OF ESTIMATES & QUANTITIES.dwg
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QUANTITIES & ESTIMATES:

OTL GATEWAY MONUMENT

SITE WORK

ITEM	DESCRIPTION	QUANTITY	UNIT
General Conditions	Mobilization, bonding, perimiting, insurance, erosion control, etc	1.00	LS
Barricading and Traffic Control		1.00	LS
Project Sign		1.00	EA
Remove Concrete (Sawcut)	Approximately 14" Depth	42	LF
Remove Concrete (Median)	Approximately 14" Depth	12	SY
Concrete Washout		1	EA

HARDSCAPE - PAVING

ITEM	DESCRIPTION	QUANTITY	UNIT
Concrete Paving (Median) - 6" Thick	Standard Gray, broom finish, and base	10	SY

GATEWAY MONUMENT COLUMN AESTHETICS

ITEM	DESCRIPTION	QUANTITY	UNIT
Clay Brick Masonry		236	SF
Cast Stone Masonry		95	SF

GATEWAY MONUMENT STRUCTURAL

ITEM	DESCRIPTION	QUANTITY	UNIT
48" DRILLED SHAFT	48" CONCRETE DRILLED SHAFT	39	LF
PILE CAP	4.5' x 4.5' x 3.0' CONCRETE PILE CAP	2.50	CY
GATEWAY MONUMENT	METAL FABRICATION, FINISH, TEXAS STAR (2) AND TEXAS (2) PLAQUES, AND INSTALL	1	LS

GATEWAY MONUMENT ILLUMINATION & ELECTRICAL

ITEM	DESCRIPTION	QUANTITY	UNIT
CONDT (PVC) (SCH 40) (1")		155	LF
CONDT (PVC) (SCH 40) (2")		85	LF
CONDT (PVC) (SCH 40) (2") (BORE)		40	LF
ELEC CONDR (NO.10) INSULATED		160	LF
ELEC CONDR (NO.6) BARE		135	LF
ELEC CONDR (NO.6) INSULATED		830	LF
GROUND BOX TY A (122311)W/APRON		2	EA
GROUND BOX TY D (162922)		1	EA
EL SR TY D 120/240 100(NS) AL(E) PS (U)		1	EA
CORE LNT-65 & LFO-60 RGBW LED LIGHTS AND SYSTEM		1	LS
NEON LIGHTING		2	EA

NOTES:
ALL QUANTITIES ARE APPROXIMATE, CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES AND PROVIDING SUFFICIENT MATERIALS TO ACHIEVE THE DESIGN LAYOUT TO ALL ELEMENTS AS SHOWN.



PROJECT NO. 063025049 / BID NO. XXX-XXX

REVISIONS

No.	DATE	BY

Kimley»Horn

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2800 NORTH CENTRAL EXPRESSWAY
SUITE 400, RICHARDSON, TX 75080
PHONE: 214-617-0635
WWW.KIMLEY-HORN.COM

12-30-2024

REGISTERED LANDSCAPE ARCHITECT

MA R. LEE BOWERS

01587

STATE OF TEXAS

KHA PROJECT
063025049

DATE
12/30/2024

SCALE
AS SHOWN

DESIGNED BY
IM

DRAWN BY
KU

CHECKED BY
MB

CITY OF LEWISVILLE
OLD TOWN
LEWISVILLE GATEWAY

SUMMARY OF
ESTIMATES &
QUANTITIES

SHEET NUMBER
L1.03

Plotted By:Urduja, Katie December 30, 2024 02:16:53pm K:\RCH\LA\F\Projects\063025049 - Old Town Lewisville Gateway\CAD\Sheets\L1.03 SUMMARY OF ESTIMATES & QUANTITIES.dwg
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MATERIAL LEGEND:

PAVING

P-1

CONCRETE PAVING

COLOR: CITY STANDARD
FINISH: SMOOTH BROOM FINISH
CONTROL JOINTS: REF. PLAN DETAILS, JOINT PER CITY STANDARD DETAILS

EXPANSION JOINTS: PER CITY STANDARD DETAILS
JOINT SEALANT: COLOR TO MATCH CONCRETE
APPROVAL: SUBMITTAL, EJ SEALANT SAMPLE

MASONRY

TYPE: CLAY BRICK
COLOR: QUORUM
FINISH: SMOOTH
SIZE: 2 1/4" x 3 5/8" x 7 5/8"
INSTALL: PER DETAILS; VARIES
SUPPLIER: ACME, OR APPROVED EQUAL.
CONTACT: 817.332.4101
APPROVAL: SAMPLE, 4X4 DRYFIELD MOCKUP

MASONRY

TYPE: CAST STONE
COLOR: BEIGE
SIZE: VARIES, PER DETAILS & PLANS
INSTALL: PER DETAILS; VARIES
SUPPLIER: DALLAS CAST STONE, OR APPROVED EQUAL.
CONTACT: 800.745.1899
APPROVAL: SAMPLE

METALS

SIGN

PER PLANS, DETAILS, & NOTES
SUPPLIER: McNICHOLS, OR APPROVED EQUAL
CONTACT: 877.620.3352
APPROVAL: SAMPLE

STRUCTURAL COLUMN

REFER TO STRUCTURAL DETAILS

ILLUMINATION

NOTE:
LIGHTING IS SHOWN ON HARDSCAPE PLANS FOR LOCATION/DIMENSION CONTROL ONLY. FOR ADDITIONAL INFORMATION ON INSTALLATION,SPECIFICATIONS, AND DETAILS, REFERENCE ILLUMINATION PLANS.

SYMBOLS LEGEND:

GENERAL

CENTER LINE

LIMIT OF WORK

MATCHLINE

GRADE BREAKLINE

EXPANSION JOINT

CONTROL JOINT

POINT OF BEGINNING

DETAIL NUMBER
XXX / SHEET NUMBER

DETAIL
ENLARGEMENT
REFERENCE

MATERIAL REFERENCE

DETAIL NUMBER
SHEET NUMBER

DETAIL REFERENCE

ELEVATION REFERENCE

SECTION REFERENCE

ABBREVIATIONS

735.46
PROPOSED SPOT GRADE

735.46
EXISTING SPOT GRADE

TW

TOP OF WALL

BW

BOTTOM OF WALL

TF

TOP OF FOOTING

COL

TOP OF COLUMN

TS

TOP STEP

BS

BOTTOM STEP

TR

TOP OF RAMP

BR

BOTTOM OF RAMP

TC

TOP OF CURB

BC

BOTTOM OF CURB

TB

TOP OF BAND

TP

TOP OF PAVEMENT

TGr

TOP OF GRAVEL

TG

TOP OF GRADE

FL

FLOWLINE/INVERT ELEVATION

EJ

EXPANSION JOINT

CJ

CONTROL JOINT

CL

CENTER LINE

POB

POINT OF BEGINNING

Know what's below.
Call before you dig.

CAUTION
EXISTING UNDERGROUND
UTILITIES. CONTRACTOR TO
VERIFY EXACT LOCATION
PRIOR TO ANY TRENCHING
OR EXCAVATION.

REVISIONS

DATE

BY

No.

1

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KHA PROJECT

063025049

DATE

12/30/2024

SCALE

AS SHOWN

DESIGNED BY

IM

DRAWN BY

KU

CHECKED BY

MB

CITY OF LEWISVILLE
OLD TOWN
LEWISVILLE GATEWAY

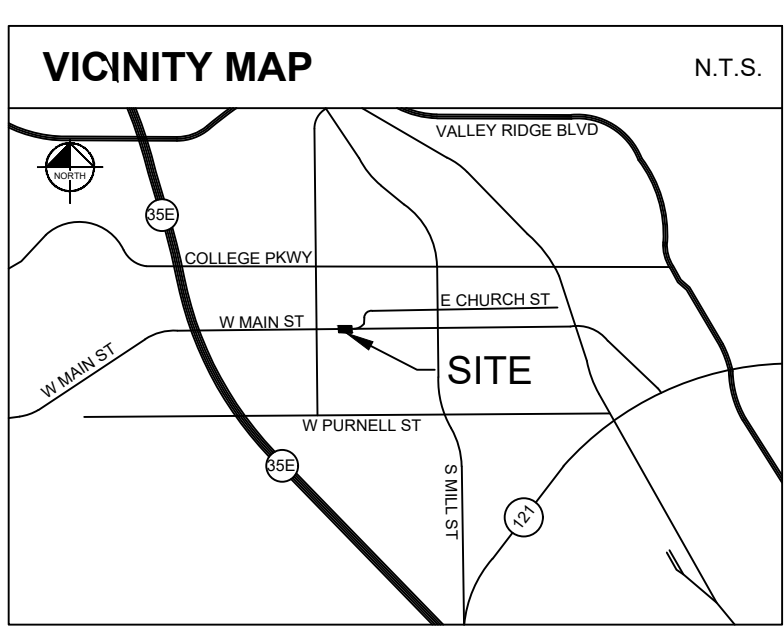
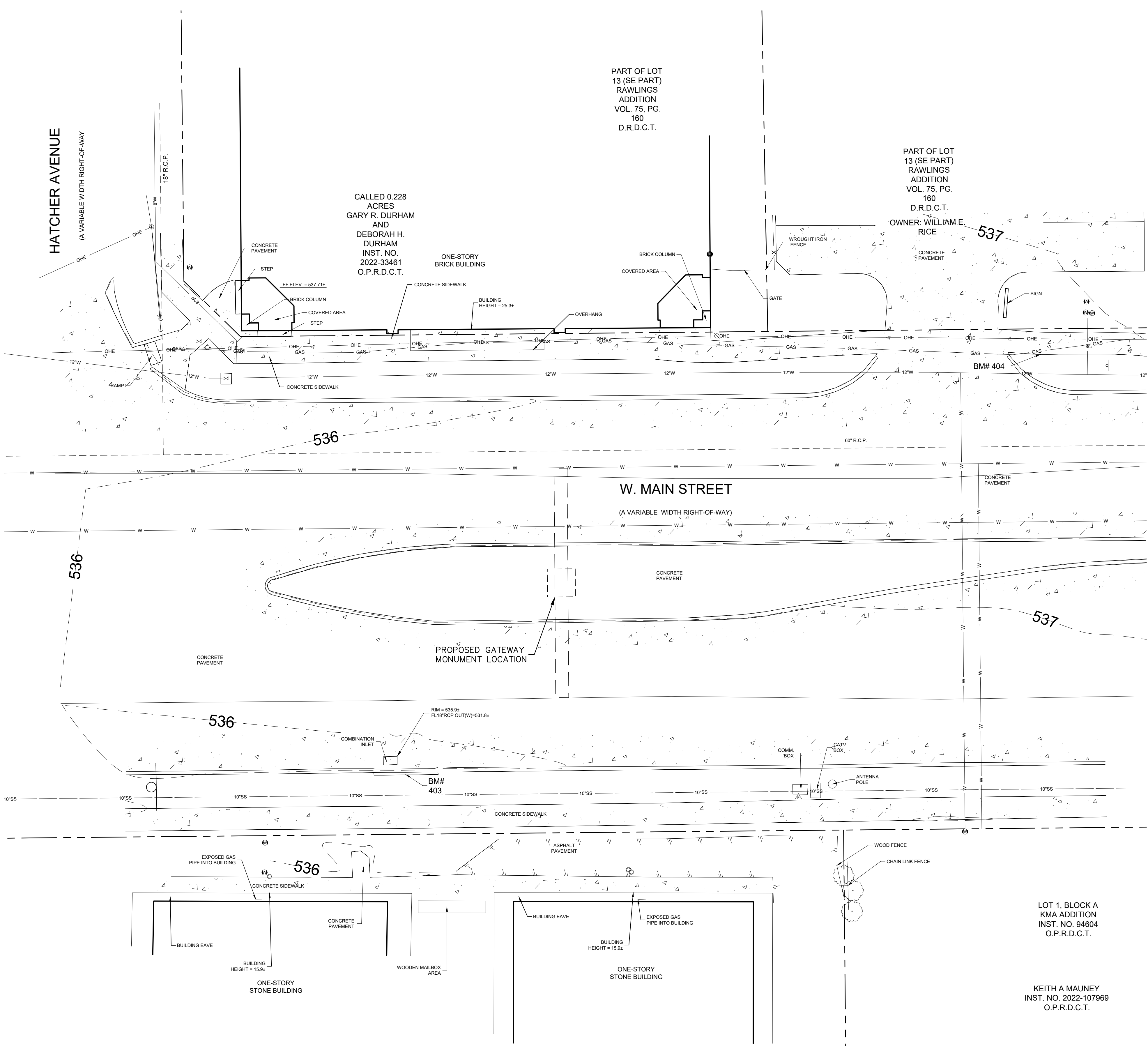
MATERIALS
LEGEND

SHEET NUMBER

L1.04

PROJECT NO. 063025049 / BID NO. XXX-XXX

December 30, 2024, 02:19:14pm K:\ARCH-LEAP\Projects\063025049 - Old Town Lewisville Gateway\CAD Sheets\L1.05 EXISTING CONDITIONS PLAN.dwg K:\ARCH-LEAP\Projects\063025049 - Old Town Lewisville Gateway\CAD Sheets\L1.05 EXISTING CONDITIONS PLAN.dwg
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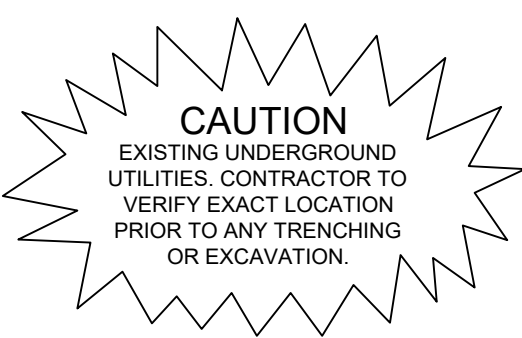
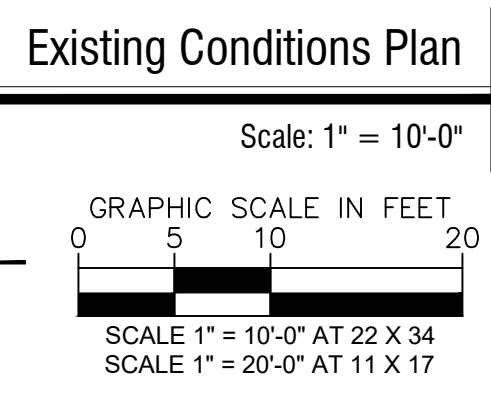


BENCHMARK LIST			
BM #401	CITY BENCHMARK NO. 11 - 3 1/4" ALUMINUM DISK MONUMENT STAMPED #11, LOCATED APPROXIMATELY 191' EAST OF THE N. CHARLES STREET & W. CHURCH STREET INTERSECTION, APPROXIMATELY 3.3' NORTHEAST OF ELECTRIC VAULT & 3.4' NORTHEAST OF A BUS SIGN. ELEV = 525.15		
BM #403	"X" CUT SET ON THE SOUTH SIDE OF A COMBINATION INLET ON THE SOUTH SIDE OF W. MAIN STREET ±65' EAST OF THE INTERSECTION OF W. MAIN STREET AND HATCHER AVENUE, ±76' WEST OF AN ANTENNA POLE AND ±50' EAST OF A "NO PARKING" SIGN. ELEV = 536.38		
BM #404	"X" CUT SET ON THE SOUTH SIDE OF A CONCRETE SIDEWALK ON THE NORTH SIDE OF W. MAIN STREET ±175' EAST OF THE INTERSECTION OF W. MAIN STREET AND HATCHER AVENUE, ±57' SOUTHEAST OF A POWERPOLE WITH TRANSFORMER AND ±10' SOUTHEAST OF A "KUZMICH LAW FIRM" SIGN. ELEV = 536.77		

- NOTES:
- THIS IS A MAP PREPARED FOR SITE IMPROVEMENT DESIGN PURPOSES ONLY. THIS IS NOT A LAND TITLE OR BOUNDARY SURVEY
 - BEARING SYSTEM BASED ON THE STATE PLANE COORDINATE SYSTEM OF 1983, TEXAS NORTH CENTRAL ZONE (4202), NORTH AMERICAN DATUM OF 1983 (2011).
 - UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON AVAILABLE RECORD INFORMATION PROVIDED, SURFACE INDICATIONS, SUCH AS MANHOLES AND TEXAS811 UTILITY LOCATE MARKINGS. THE LOCATIONS SHOWN ARE APPROXIMATE

LEGEND	
[Symbol]	ROOF DRAIN
[Symbol]	CABLE TV BOX
[Symbol]	CABLE TV HANDHOLE
[Symbol]	CABLE TV MANHOLE
[Symbol]	CABLE TV MARKER FLAG
[Symbol]	CABLE TV MARKER SIGN
[Symbol]	CABLE TV VAULT
[Symbol]	COMMUNICATIONS HANDHOLE
[Symbol]	COMMUNICATIONS MANHOLE
[Symbol]	COMMUNICATIONS MARKER FLAG
[Symbol]	COMMUNICATIONS MARKER SIGN
[Symbol]	COMMUNICATIONS VAULT
[Symbol]	ELEVATION BENCHMARK
[Symbol]	FLOW DIRECTION
[Symbol]	FIBER OPTIC BOX
[Symbol]	FIBER OPTIC HANDHOLE
[Symbol]	FIBER OPTIC MANHOLE
[Symbol]	FIBER OPTIC MARKER FLAG
[Symbol]	FIBER OPTIC MARKER SIGN
[Symbol]	FIBER OPTIC VAULT
[Symbol]	MONITORING WELL
[Symbol]	FUEL TANK
[Symbol]	GAS BOX
[Symbol]	GAS HANDHOLE
[Symbol]	GAS METER
[Symbol]	GAS MANHOLE
[Symbol]	GAS MARKER FLAG
[Symbol]	GAS SIGN
[Symbol]	GAS TANK
[Symbol]	GAS VAULT
[Symbol]	GAS VALVE
[Symbol]	GAS WELL
[Symbol]	TELEPHONE BOX
[Symbol]	TELEPHONE HANDHOLE
[Symbol]	TELEPHONE MANHOLE
[Symbol]	TELEPHONE MARKER FLAG
[Symbol]	TELEPHONE MARKER SIGN
[Symbol]	TELEPHONE VAULT
[Symbol]	PIPELINE BOX
[Symbol]	PIPELINE HANDHOLE
[Symbol]	PIPELINE METER
[Symbol]	PIPELINE MANHOLE
[Symbol]	PIPELINE MARKER FLAG
[Symbol]	PIPELINE MARKER SIGN
[Symbol]	PIPELINE VAULT
[Symbol]	PIPELINE VALVE
[Symbol]	PIPELINE MARKER SIGN
[Symbol]	PIPELINE VAULT
[Symbol]	PIPELINE VALVE
[Symbol]	ELECTRIC BOX
[Symbol]	FLOOD LIGHT
[Symbol]	GUY ANCHOR
[Symbol]	GUY ANCHOR POLE
[Symbol]	ELECTRIC MANHOLE
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[Symbol]	RAILROAD SIGN
[Symbol]	RAILROAD VAULT
[Symbol]	SIGN
[Symbol]	MARQUEE/BILLBOARD
[Symbol]	A/C UNIT
[Symbol]	BASKET BALL GOAL
[Symbol]	BORE LOCATION
[Symbol]	FLAG POLE
[Symbol]	GOAL POST
[Symbol]	GREASE TRAP
[Symbol]	IRRIGATION VALVE
[Symbol]	MAIL BOX
[Symbol]	NEWS STAND
[Symbol]	PHONE BOOTH
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[Symbol]	SANITARY SEWER BOX
[Symbol]	SANITARY SEWER CLEAN OUT
[Symbol]	SANITARY SEWER HANDHOLE
[Symbol]	SANITARY SEWER LIFT STATION
[Symbol]	SANITARY SEWER METER
[Symbol]	SANITARY SEWER MANHOLE
[Symbol]	SANITARY SEWER MARKER FLAG
[Symbol]	SANITARY SEWER MARKER SIGN
[Symbol]	SANITARY SEWER SEPTIC TANK
[Symbol]	SANITARY SEWER VAULT
[Symbol]	STORM SEWER BOX
[Symbol]	STORM SEWER DRAIN
[Symbol]	STORM SEWER HANDHOLE
[Symbol]	STORM SEWER METER
[Symbol]	STORM SEWER MANHOLE
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[Symbol]	STORM SEWER VAULT
[Symbol]	TRAFFIC BARRIER
[Symbol]	TRAFFIC BOLLARD
[Symbol]	TRAFFIC BOX
[Symbol]	TRAFFIC VAULT
[Symbol]	CROSS WALK SIGNAL
[Symbol]	TRAFFIC HANDHOLE
[Symbol]	TRAFFIC MANHOLE
[Symbol]	TRAFFIC MARKER SIGN
[Symbol]	TRAFFIC CAMERA
[Symbol]	TRAFFIC SENSOR
[Symbol]	TRAFFIC SIGNAL
[Symbol]	UNIDENTIFIED BOX
[Symbol]	UNIDENTIFIED HANDHOLE
[Symbol]	UNIDENTIFIED METER
[Symbol]	UNIDENTIFIED MANHOLE
[Symbol]	UNIDENTIFIED MARKER FLAG
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[Symbol]	WATER VAULT
[Symbol]	WATER VALVE
[Symbol]	AIR RELEASE VALVE
[Symbol]	WATER WELL
[Symbol]	IRISC 5/8" IRON ROD W/ "KHA" CAP SET
[Symbol]	IRFC IRON ROD WITH CAP FOUND
[Symbol]	PKS PK NAIL SET
[Symbol]	PKF PK NAIL FOUND
[Symbol]	IRF IRON ROD FOUND
[Symbol]	XS "X" CUT IN CONCRETE SET
[Symbol]	XF "X" CUT IN CONCRETE FOUND
[Symbol]	P.O.B. POINT OF BEGINNING
[Symbol]	P.O.C. POINT OF COMMENCING

LINE TYPE LEGEND	
[Line Style]	BOUNDARY LINE
[Line Style]	ADJACENT PROPERTY LINE
[Line Style]	EASEMENT LINE
[Line Style]	BUILDING LINE
[Line Style]	WATER LINE
[Line Style]	SANITARY SEWER LINE
[Line Style]	SD STORM SEWER LINE
[Line Style]	GAS UNDERGROUND GAS LINE
[Line Style]	OVERHEAD UTILITY LINE
[Line Style]	UG UNDERGROUND ELECTRIC LINE
[Line Style]	UGT UNDERGROUND TELEPHONE LINE
[Line Style]	FENCE
[Line Style]	CONCRETE PAVEMENT
[Line Style]	ASPHALT PAVEMENT



PROJECT NO. 063025049 / BID NO. XXX-XXX

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REGISTERED LANDSCAPE ARCHITECT

MA R. LEE BOWERS

01587

STATE OF TEXAS

12-30-2024

KHA PROJECT 063025049

DATE 12/30/2024

SCALE AS SHOWN

DESIGNED BY IM

DRAWN BY KU

CHECKED BY MB

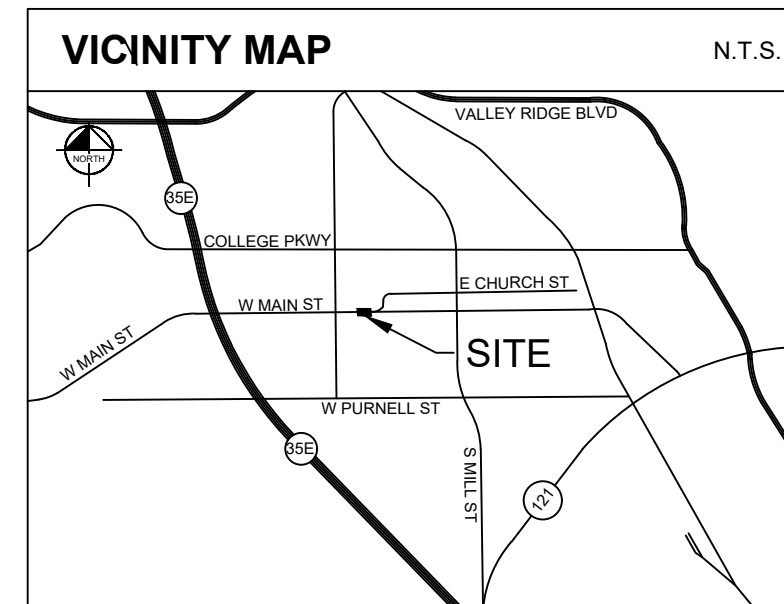
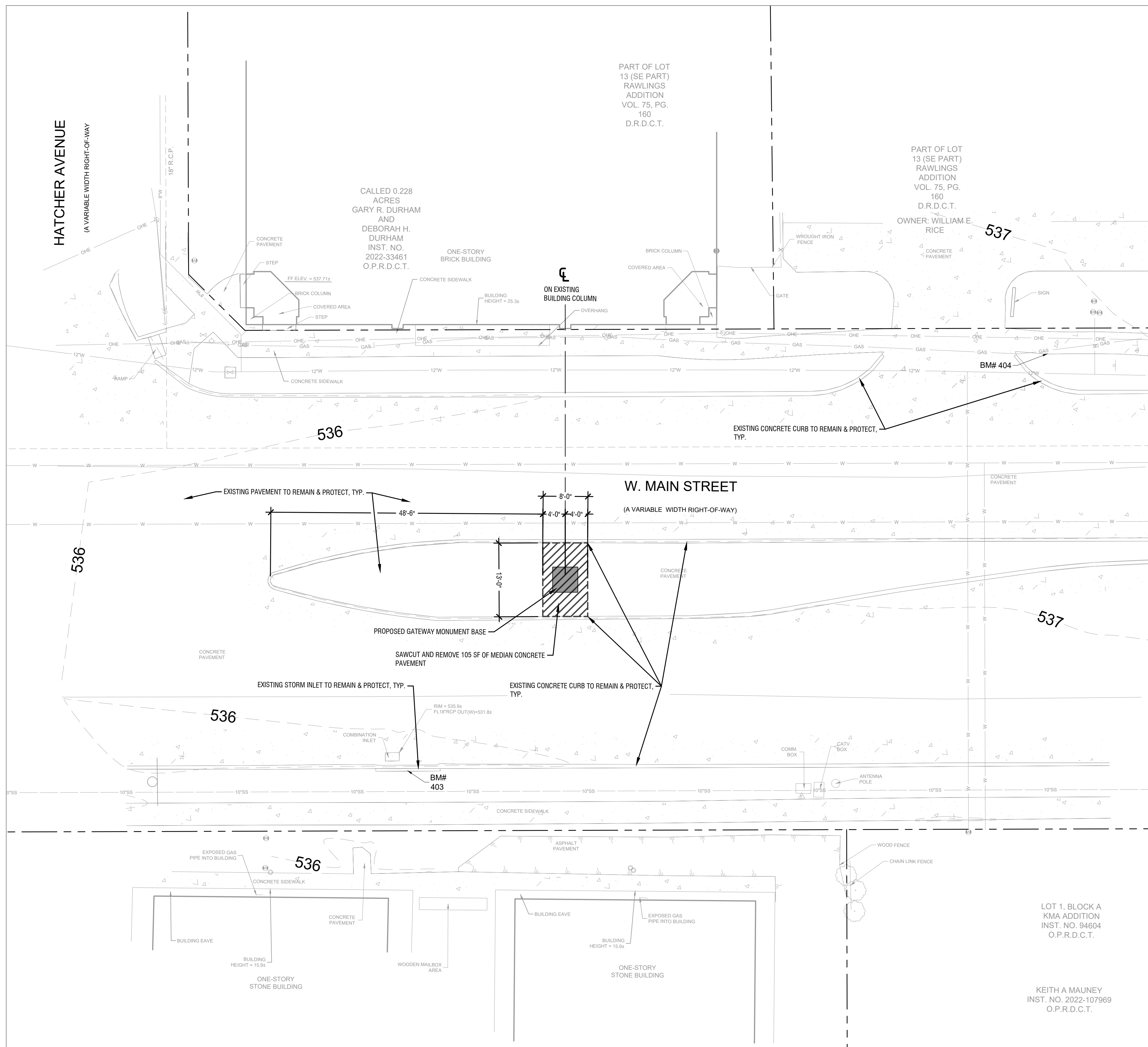
CITY OF LEWISVILLE

OLD TOWN

LEWISVILLE GATEWAY

EXISTING CONDITIONS PLAN

SHEET NUMBER L1.05



BENCHMARK LIST

BM #401
CITY BENCHMARK NO. 11 - 3 1/4" ALUMINUM DISK MONUMENT
STAMPED #11, LOCATED APPROXIMATELY 191' EAST OF THE N
CHARLES STREET & W. CHURCH STREET INTERSECTION
APPROXIMATELY 3.3' NORTHEAST OF ELECTRIC VAULT & 3.4'
NORTHEAST OF A BUS SIGN.
ELEV = 525.15

BM #403
 " ☒ " CUT SET ON THE SOUTH SIDE OF A COMBINATION INLET ON
 THE SOUTH SIDE OF W. MAIN STREET ±65' EAST OF THE
 INTERSECTION OF W. MAIN STREET AND HATCHER AVENUE, ±76'
 WEST OF AN ANTENNA POLE AND ±50' EAST OF A "NO PARKING"
 SIGN.ELEV = 536.38

BM #404
 "☒" CUT SET ON THE SOUTH SIDE OF A CONCRETE SIDEWALK
 ON THE NORTH SIDE OF W. MAIN STREET ±175' EAST OF THE
 INTERSECTION OF W. MAIN STREET AND HATCHER AVEUNE, ±57'
 SOUTHEAST OF A POWERPOLE WITH TRANSFORMER AND ±10'
 SOUTHEAST OF A "KUZMICH LAW FIRM" SIGN.
 ELEV = 536.77

LEGEND

— — 537 — — EXISTING CONTOUR



SAWCUT AND REMOVE
CONCRETE

--	--

PROPOSED GATEWAY
MARKER BASE
(4.5'X4.5')

REMOVAL NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES WITH THE CITY, AND THE VARIOUS UTILITY COMPANIES. ANY UTILITIES WHICH ARE DAMAGED BY THE CONTRACTOR SHALL BE PROMPTLY REPAIRED AT NO ADDITIONAL EXPENSE TO THE OWNER. SHOULD ANY MODIFICATIONS BE REQUIRED, CONTACT THE OWNER IMMEDIATELY, PRIOR TO MAKING THE CHANGE. CALL TEXAS ONE TO MARK AND LOCATE UTILITIES

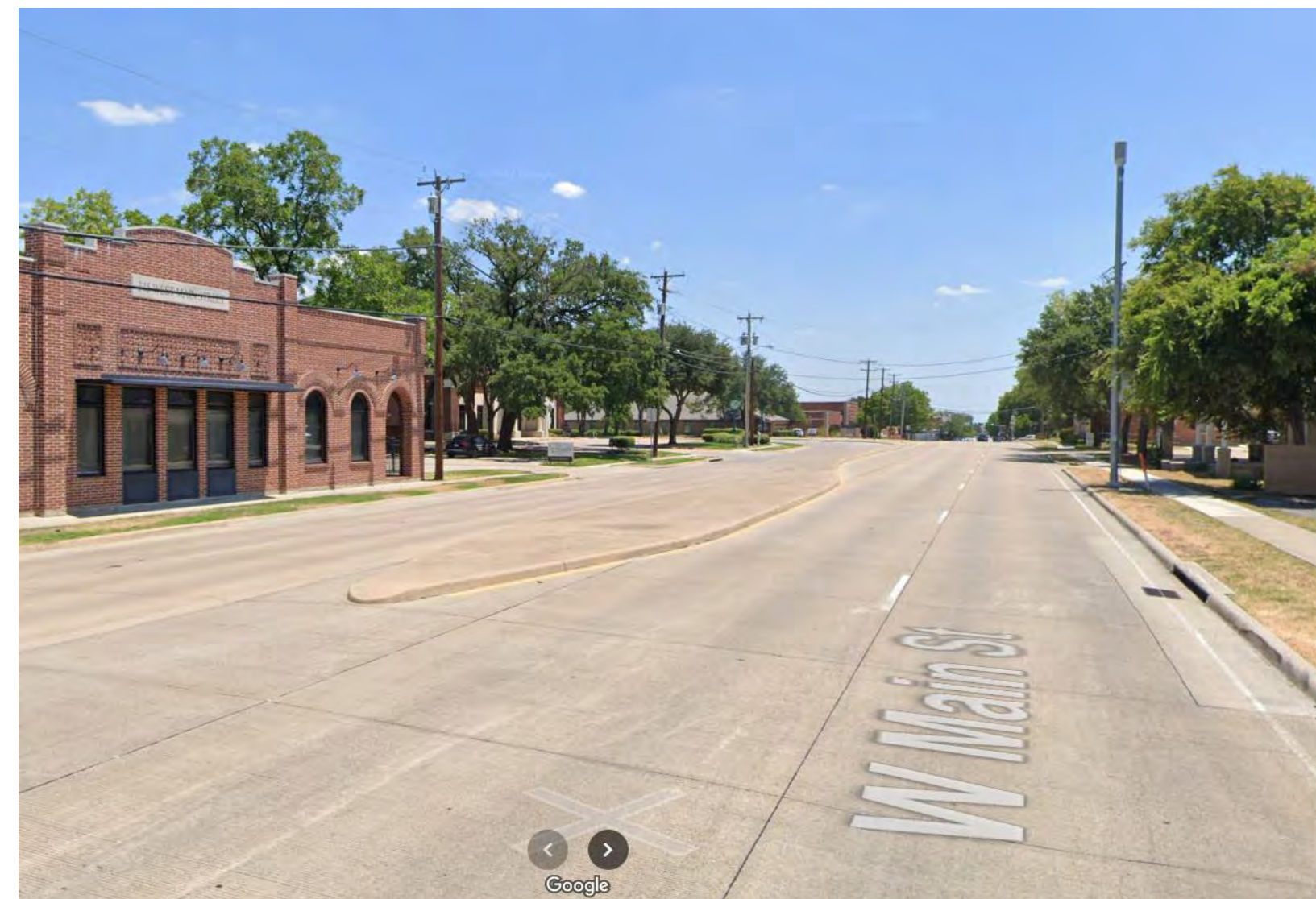
THE CONTRACTOR SHALL COORDINATE THE LIMITS OF
REMOVAL WORK WITH THE OWNER

ALL REMOVAL ITEM DEBRIS (UNLESS OTHERWISE NOTED)
BECOMES THE PROPERTY OF THE CONTRACTOR AND MUST BE
REMOVED FROM THE SITE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING THE EXISTING PAVING AND SAW CUTTING, AND REMOVAL OF EXISTING PAVING AS REQUIRED AT THE TIE-INS

QUANTITIES ARE APPROXIMATE AND PROVIDED ONLY FOR REFERENCE. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALL FINAL QUANTITIES AS REQUIRED TO COMPLETE THE PROJECT AS PER THE PLANS AND SPECIFICATIONS

CONTRACTOR WILL BE RESPONSIBLE FOR ANY UNDERGROUND
UTILITY DEMOLITION AND MISCELLANEOUS SAW CUTTING AND
TIE-INS AT EXISTING PAVING AND UTILITIES



Main Street to the East

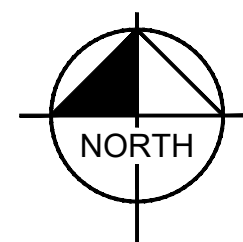
Scale: NTS



Know what's below.
Call before you dig.



CAUTION
EXISTING UNDERGROUND
UTILITIES. CONTRACTOR TO
VERIFY EXACT LOCATION
PRIOR TO ANY TRENCHING
OR EXCAVATION.



GRAPHIC SCALE IN FEET

0 5 10 20

SCALE 1" = 10'-0" AT 22 X 34
SCALE 1" = 20'-0" AT 11 X 17

Demolition & Preservation Plan

Scale: 1" = 10'-0"

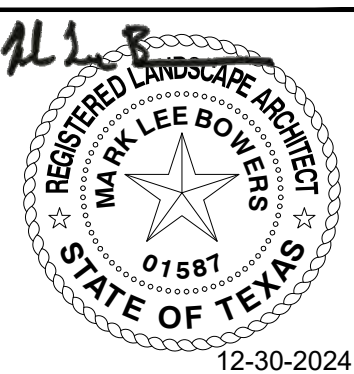
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PROJECT NO 063025049 / BID NO XXXX-XXX	
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KHA PROJECT 063025049
DATE 12/30/2024
SCALE AS SHOWN
DESIGNED BY IM
DRAWN BY KU
CHECKED BY MB

**CITY OF LEWISVILLE
OLD TOWN
LEWISVILLE GATEWAY**

DEMOLITION & PRESERVATION PLAN

SHEET NUMBER
L1.06

Plotted By:Urduja, Katie December 30, 2024 02:20:16pm K:\RCH\LA+P\Projects\063025049 - Old Town Lewisville Gateway\CAD\Sheets\L1.03 SUMMARY OF ESTIMATES & QUANTITIES.dwg
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TRAFFIC CONTROL NOTES

- THESE NOTES PERTAIN TO TRAFFIC CONTROL MEASURES ALONG MAIN STREET, HATCHER AVENUE AND W CHURCH STREET. THE CONTRACTOR SHALL PROVIDE, CONSTRUCT, AND MAINTAIN BARRICADES AND SIGNS IN ACCORDANCE WITH THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AASHTO, CITY OF LEWISVILLE DESIGN CRITERIA MANUAL, AND THE TRAFFIC CONTROL NARRATIVE INCLUDED IN THE PLANS.
- CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF TEXAS FOR REVIEW PRIOR TO CONSTRUCTION.
- MINIMUM REQUIREMENTS FOR TRAFFIC CONTROL SHALL INCLUDE:
 - MAINTAINING ACCESS TO ALL CROSS STREETS.
 - A MINIMUM OF ONE LANE OF EASTBOUND AND ONE LANE WESTBOUND TRAFFIC ALONG MAIN STREET SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE NOTED.
 - THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL BUSINESS LOCATIONS AT ALL TIMES DURING CONSTRUCTION.
 - CONTRACTOR SHALL MAINTAIN EMERGENCY VEHICLE ACCESS TO ALL ADDRESSES IN THE PROJECT AREA AT ALL TIMES. CONTRACTOR SHALL COORDINATE WITH THE CITY REGARDING EMERGENCY SERVICE ACCESS PRIOR TO PLANNED LANE, ROADWAY OR INTERSECTION CLOSURES.
 - TRAFFIC CONTROL MEASURES THAT AFFECT EXISTING SIGNAL OPERATIONS SHALL BE PROHIBITED, UNLESS APPROVED BY THE CITY PRIOR TO IMPLEMENTATION.
- DAILY LANE CLOSURES FOR WORK ON MAIN STREET MAY BE IMPLEMENTED BETWEEN THE HOURS OF 7:00 A.M. TO 7:00 P.M., MONDAY THROUGH FRIDAY, PROVIDED THE CLOSURES DO NOT PROHIBIT ONE-LANE OF EASTBOUND AND ONE-LANE WESTBOUND TRAFFIC. ANY REQUEST TO WORK ON A SATURDAY MUST BE MADE PRIOR TO 12:00 P.M. ON THURSDAY AFTERNOON TO THE CITY. NO LONG TERM LANE CLOSURES WILL BE ALLOWED WITHOUT CITY APPROVAL. WORK SHALL BE DONE ONLY DURING THE HOURS APPROVED BY THE CITY UNLESS WRITTEN APPROVAL FOR EXTENDED HOURS IS OBTAINED FROM THE CITY.
- CONTRACTOR SHALL NOTIFY THE CITY OF LEWISVILLE AT LEAST 48 HOURS IN ADVANCE OF IMPLEMENTING TRAFFIC CONTROL MEASURES AT INTERSECTIONS.
- EXISTING PEDESTRIAN ROUTES SHALL BE MAINTAINED AT ALL TIMES OR DETOURED AROUND THE WORK ZONE. PEDESTRIAN TRAFFIC CONTROL SHALL INCLUDE ADVANCED WARNING AND APPROPRIATE SAFETY FEATURES IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AASHTO AND CITY GUIDELINES. PEDESTRIAN ROUTES SHALL BE INCLUDED WITH THE CONTRACTOR'S SUBMITTED TEMPORARY TRAFFIC CONTROL PLAN.
- OTHER CONSTRUCTION IMPACTING TRAFFIC PATTERNS IN THE PROJECT AREA MAY TAKE PLACE DURING THIS PROJECT. CONTRACTOR SHALL COORDINATE ANY NECESSARY LANE CLOSURES WITH OTHER WORK TO MAINTAIN TRAFFIC FLOW, ENSURE SAFETY, AND MINIMIZE THE INCONVENIENCE TO THE TRAVELING PUBLIC.
- ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE REMOVED AS SOON AS PRACTICAL WHEN THEY ARE NO LONGER NEEDED. WHEN WORK IS SUSPENDED FOR SHORT PERIODS OF TIME AT THE END OF THE WORKDAY, TEMPORARY TRAFFIC CONTROL DEVICES THAT ARE NO LONGER APPROPRIATE SHALL BE REMOVED OR COVERED.
- ALL EXISTING SIGNS THAT ARE IN CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SETUP SHALL BE REMOVED OR COVERED SO THAT THEY ARE NOT VISIBLE.
- CONTRACTOR SHALL PROVIDE TEMPORARY SIGN ADJUSTMENTS DURING CONSTRUCTION.
- ALL WORK REQUIRED UNDER THIS CONSTRUCTION CONTRACT SHALL BE FULLY COMPLETED AND READY FOR ACCEPTANCE IN ACCORDANCE WITH THE CONTRACT TIME STATED IN THE CONSTRUCTION CONTRACT.
- WORK WITHIN THE ROADWAY SHALL BE CONSTRUCTED IN ONE PHASE OF WORK AS DESCRIBED IN THE TRAFFIC CONTROL NARRATIVE. CONTRACTOR SHALL RECEIVE THE CITY'S APPROVAL BEFORE INITIATING WORK. ALL TRAFFIC CONTROL MEASURES SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT. CONTRACTOR MAY, AT HIS OPTION, SUBMIT AN ALTERNATE CONSTRUCTION PHASING NARRATIVE FOR CITY REVIEW AND APPROVAL. ANY ALTERNATE PHASING SHALL BE SUBMITTED PRIOR TO THE PRE-CONSTRUCTION MEETING.

EROSION CONTROL NOTES

- EROSION CONTROL DEVICES FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF LAND DISTURBING ACTIVITIES ON THE PROJECT.
- ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED DURING SITE PREP IN ACCORDANCE WITH THE CITY OF LEWISVILLE CONSTRUCTION STANDARDS.
- THE CITY OF LEWISVILLE CONSTRUCTION STANDARDS APPLY WHETHER INDICATED ON THESE PLANS OR NOT.
- ALL PROPER EROSION CONTROL SHALL BE IN PLACE PRIOR TO THE DISTURBANCE OF ANY EXISTING SURFACE.
- ALL DISTURBED AREAS SHALL BE STABILIZED PRIOR TO FINAL ACCEPTANCE.
- REMOVE EROSION CONTROL DEVICES BEFORE OPENING ROADWAY TO TRAFFIC.

TRAFFIC CONTROL NARRATIVE

CONSTRUCTION

CONSTRUCTION OF THE OLD TOWN LEWISVILLE GATEWAY MONUMENT IN THE MEDIAN NEAR W MAIN STREET AND HATCHER AVENUE WILL BE PERFORMED IN ONE PHASE.

- PLACE TEMPORARY CHANNELIZING DEVICES TO CLOSE INSIDE LANES AND ADVANCED SIGNAGE AS NEEDED TO MAINTAIN ONE LANE OF TRAFFIC BOTH WESTBOUND AND EASTBOUND ON W MAIN STREET. PROVIDE A 12' TRAVEL LANE WITH A MINIMUM 4' STRIPED WIDTH (16' TOTAL MINIMUM) FOR EMERGENCY ACCESS.
- CONSTRUCT THE OLD TOWN LEWISVILLE GATEWAY MONUMENT PER PLANS.
- REMOVE ALL TEMPORARY SIGNS AND CHANNELIZING DEVICES AFTER COMPLETION.

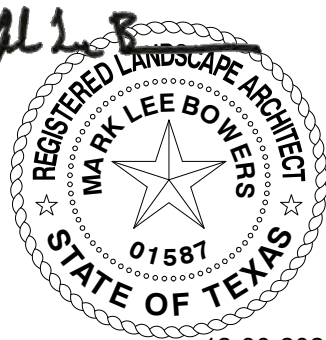


TRAFFIC
CONTROL
NARRATIVE

SHEET NUMBER
L1.07

CITY OF LEWISVILLE
OLD TOWN
LEWISVILLE GATEWAY

KHA PROJECT	063025049
DATE	12/30/2024
SCALE	AS SHOWN
DESIGNED BY	IM
DRAWN BY	KU
CHECKED BY	MB



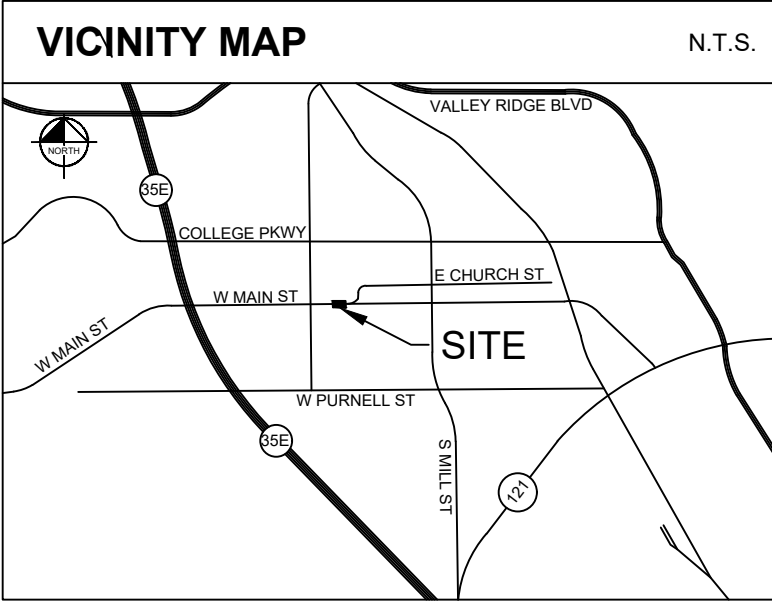
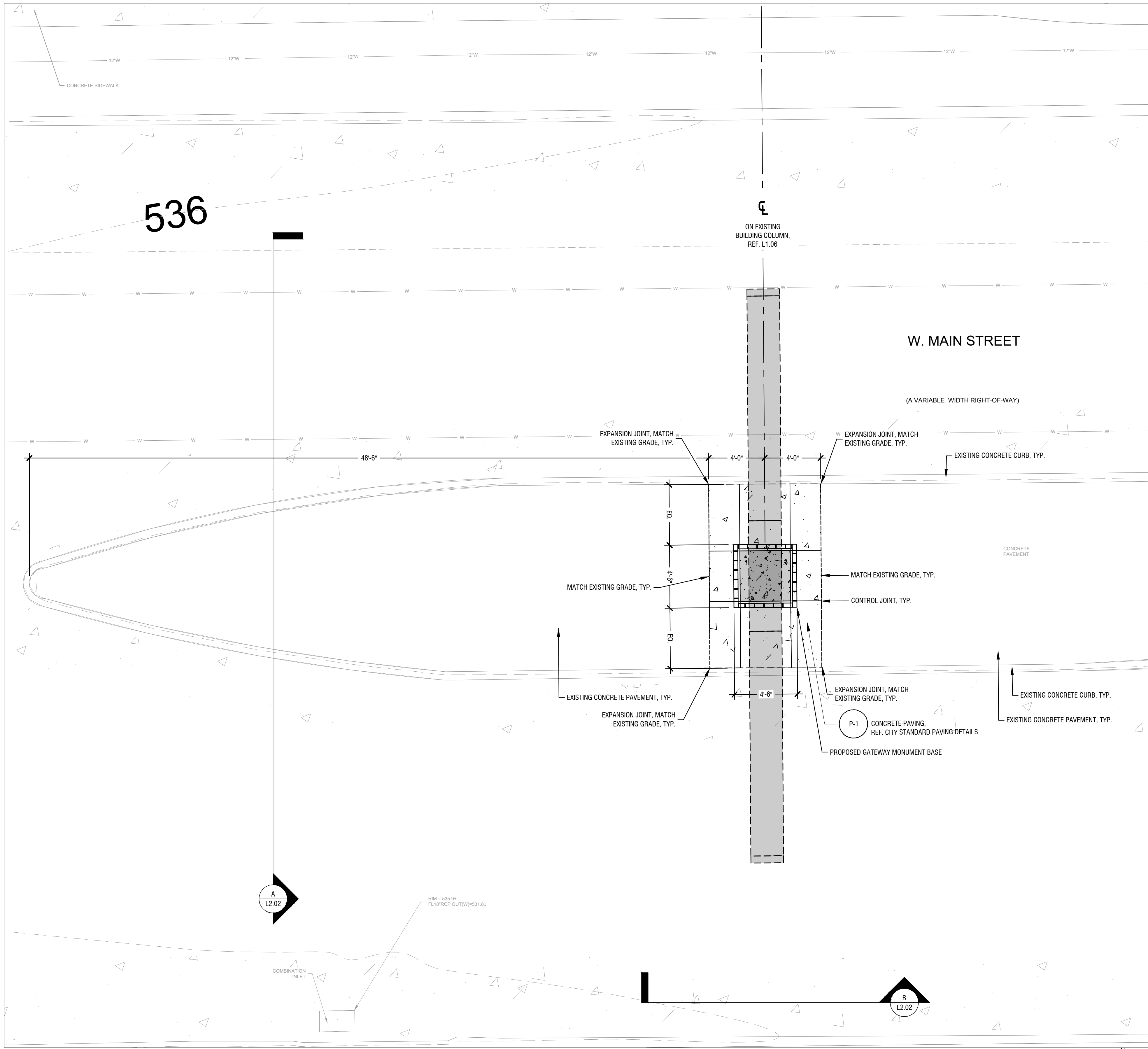
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No.						
REVISIONS						
DATE						
BY						

PROJECT NO. 063025049 / BID NO. XXX-XXX

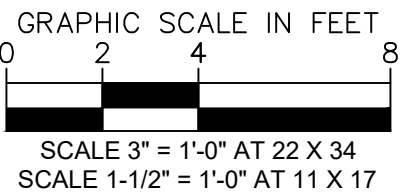
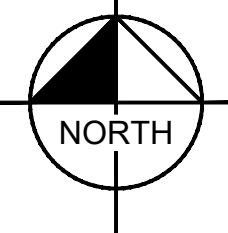
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BENCHMARK LIST			
BM #401	CITY BENCHMARK NO. 11 - 3 1/4" ALUMINUM DISK MONUMENT STAMPED #11, LOCATED APPROXIMATELY 191' EAST OF THE N. CHARLES STREET & W. CHURCH STREET INTERSECTION, APPROXIMATELY 3.3' NORTHEAST OF ELECTRIC VAULT & 3.4' NORTHEAST OF A BUS SIGN. ELEV = 525.15		
BM #403	"X" CUT SET ON THE SOUTH SIDE OF A COMBINATION INLET ON THE SOUTH SIDE OF W. MAIN STREET ±65' EAST OF THE INTERSECTION OF W. MAIN STREET AND HATCHER AVENUE, ±76' WEST OF AN ANTENNA POLE AND ±50' EAST OF A "NO PARKING" SIGN. ELEV = 536.38		
BM #404	"X" CUT SET ON THE SOUTH SIDE OF A CONCRETE SIDEWALK ON THE NORTH SIDE OF W. MAIN STREET ±175' EAST OF THE INTERSECTION OF W. MAIN STREET AND HATCHER AVENUE, ±57' SOUTHEAST OF A POWERPOLE WITH TRANSFORMER AND ±10' SOUTHEAST OF A "KUZMICH LAW FIRM" SIGN. ELEV = 536.77		

LEGEND	
	PROP PAVEMENT

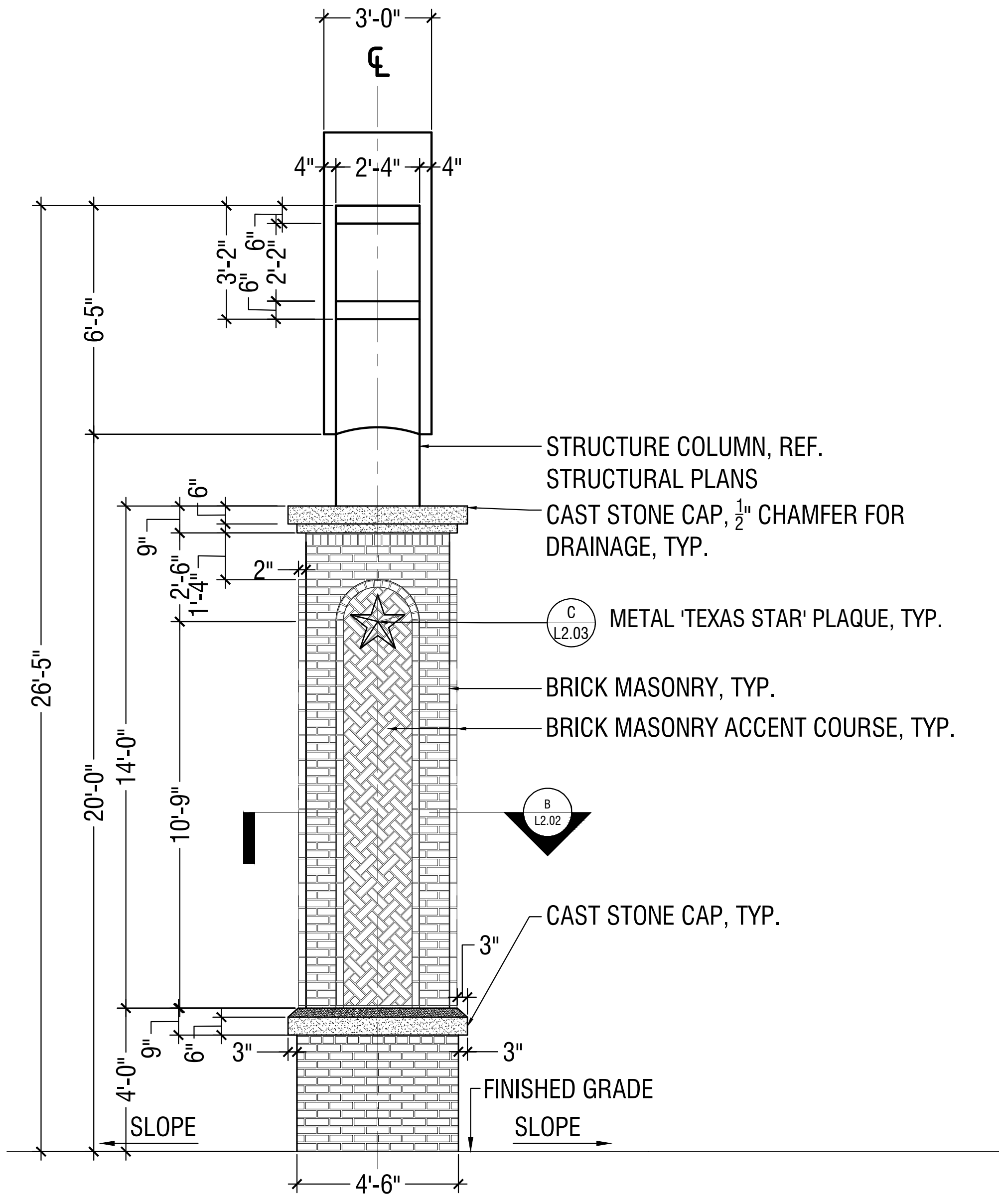
KHA PROJECT 063025049	DATE 12/30/2024	SCALE AS SHOWN	DESIGNED BY IM	DRAWN BY KU	CHECKED BY MB		 © 2024 KIMLEY-HORN AND ASSOCIATES, INC. 2800 NORTH CENTRAL EXPRESSWAY SUITE 400, RICHARDSON, TX 75080 PHONE: 214-617-0535 WWW.KIMLEY-HORN.COM	PROJECT NO. 063025049 / BID NO. XXX-XXX
CITY OF LEWISVILLE OLD TOWN LEWISVILLE GATEWAY							GATEWAY SITE PLAN	SHEET NUMBER L2.01



Plotted By: Urdiales, Katie December 30, 2024 02:20:53pm K:\ARCH-LA+P\Projects\063025049 - Old Town Lewisville Gateway\CAD\Sheets\L2.02 SITE DETAILS.dwg K:\ARCH-LA+P\Projects\063025049 - Old Town Lewisville Gateway\CAD\Sheets\L2.02 SITE DETAILS.dwg
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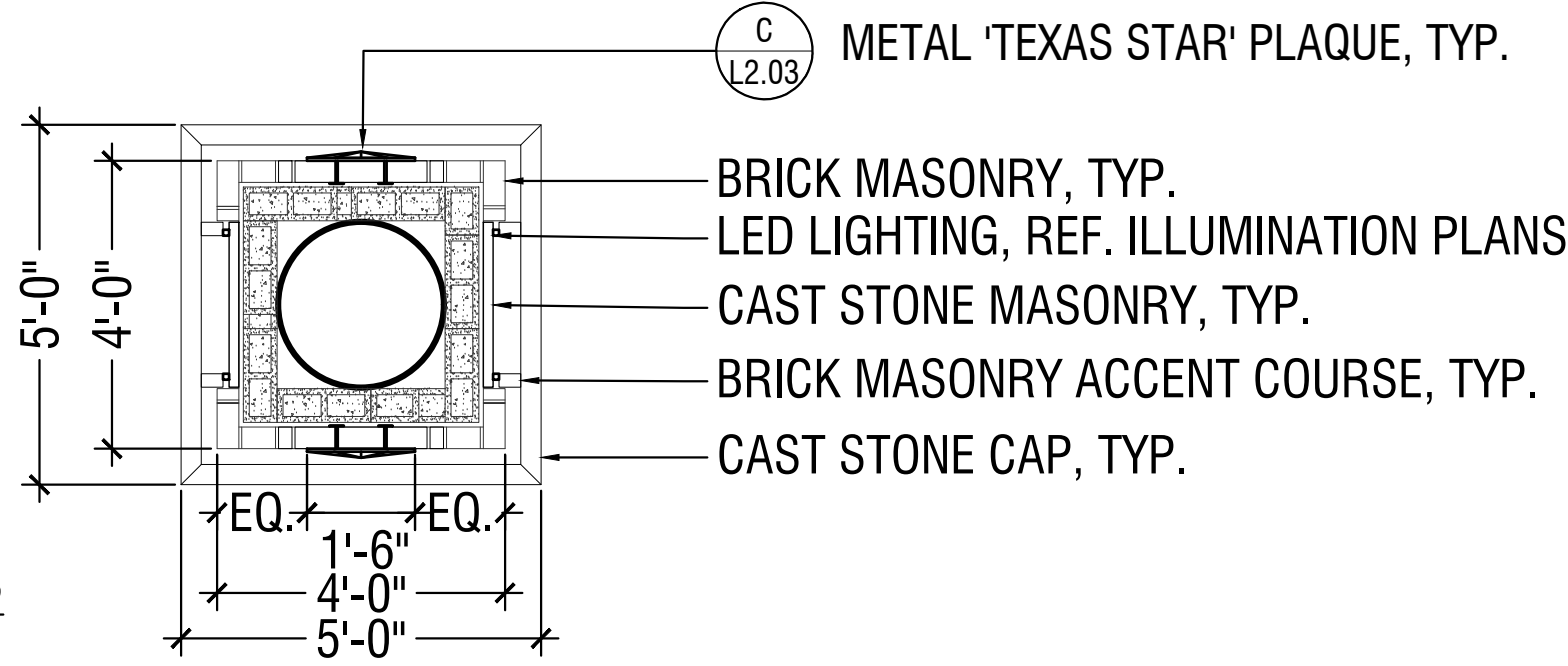
STRUCTURE NOTE:

- ALL STRUCTURAL RAW STEEL SHALL BE HOT DIP GALVANIZED AND POWDER COAT FINISH.
- SUBMIT ALL MATERIAL FOR APPROVAL



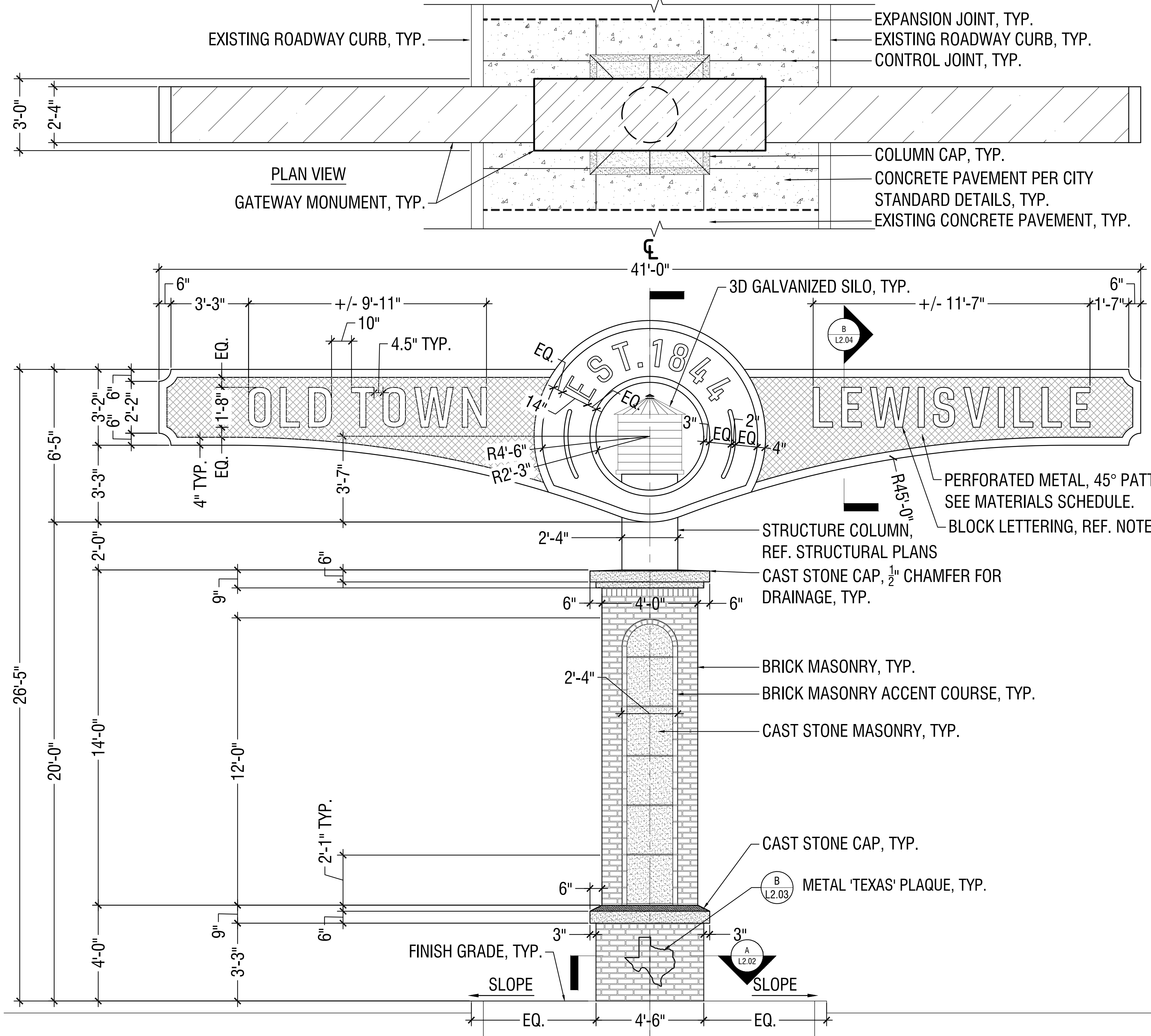
ELEVATION B

PLAN SECTION B



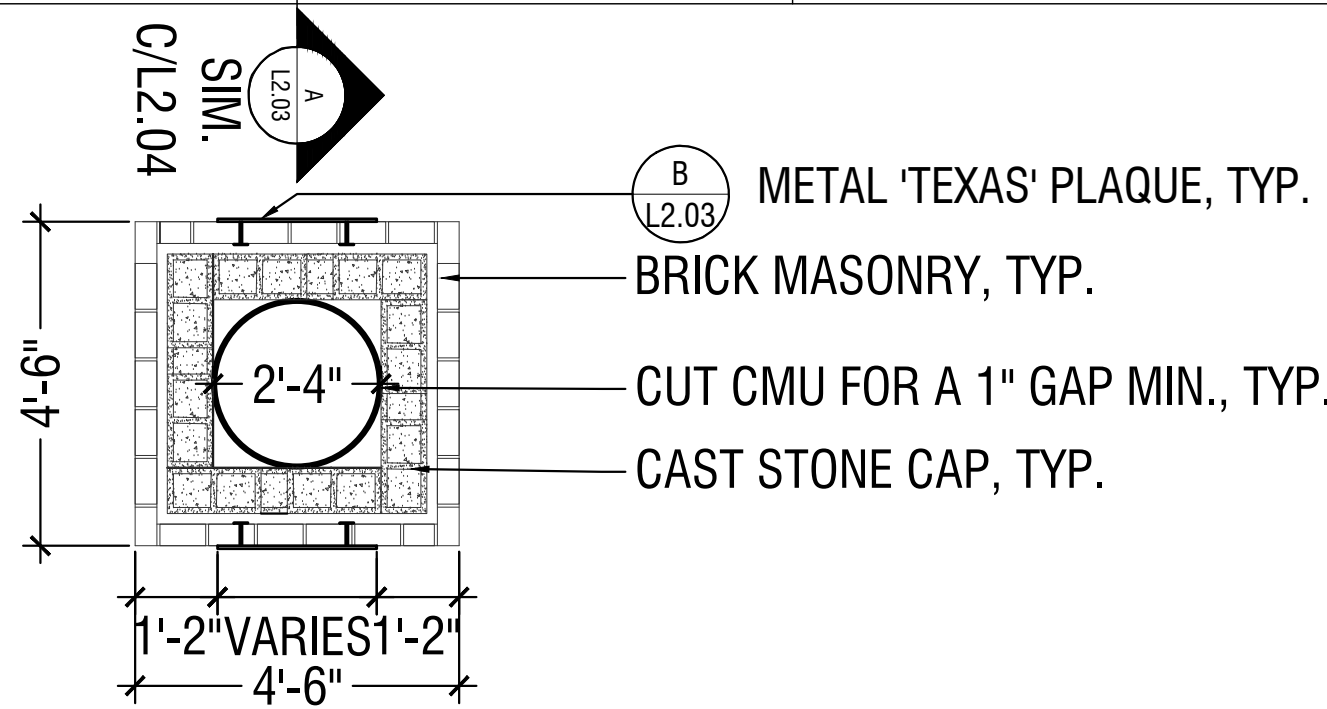
Gateway Monument Elevation

Scale: 3/8" = 1'-0"





ELEVATION A

PLAN SECTION A



Gateway Monument Elevation

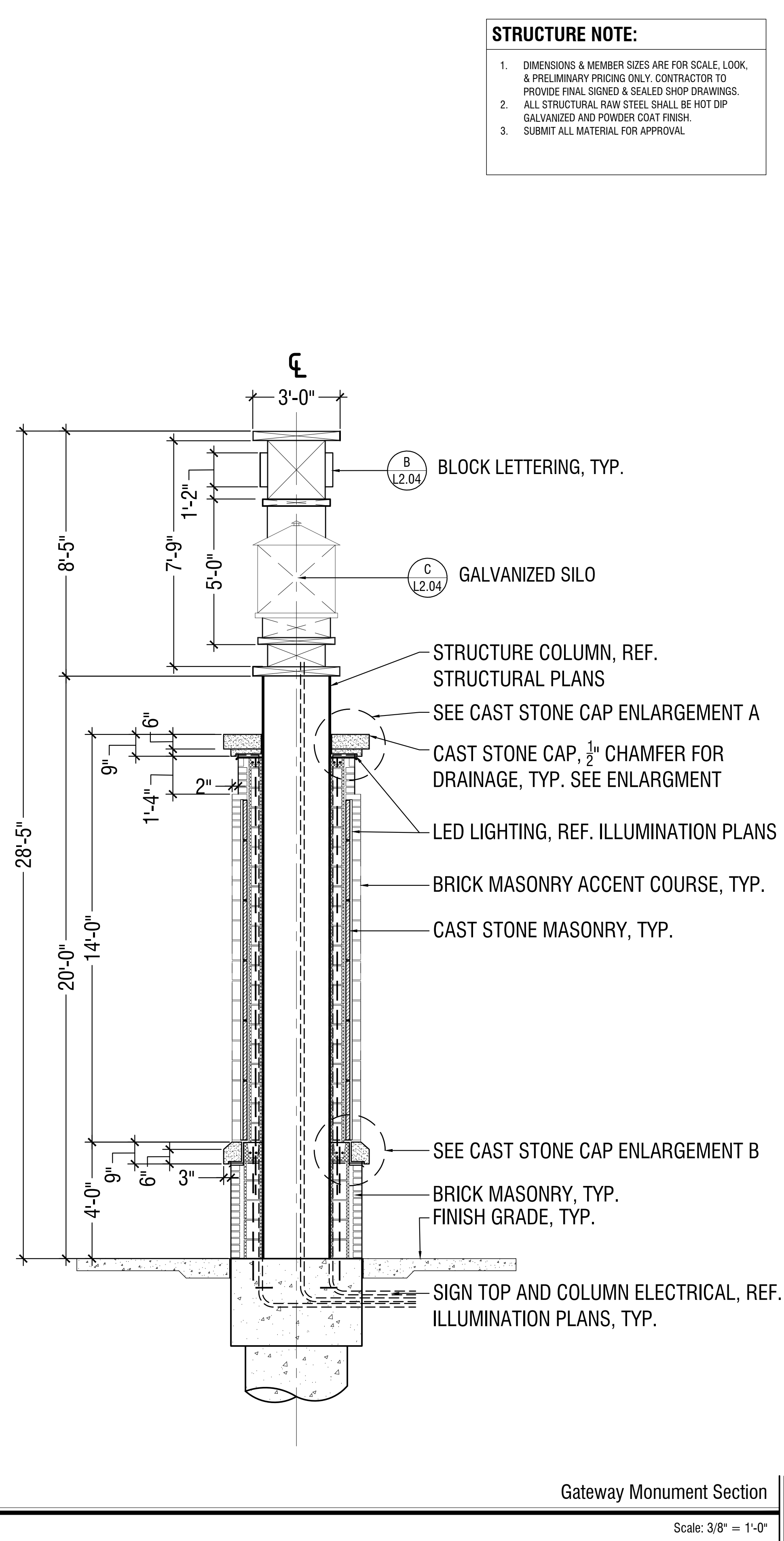
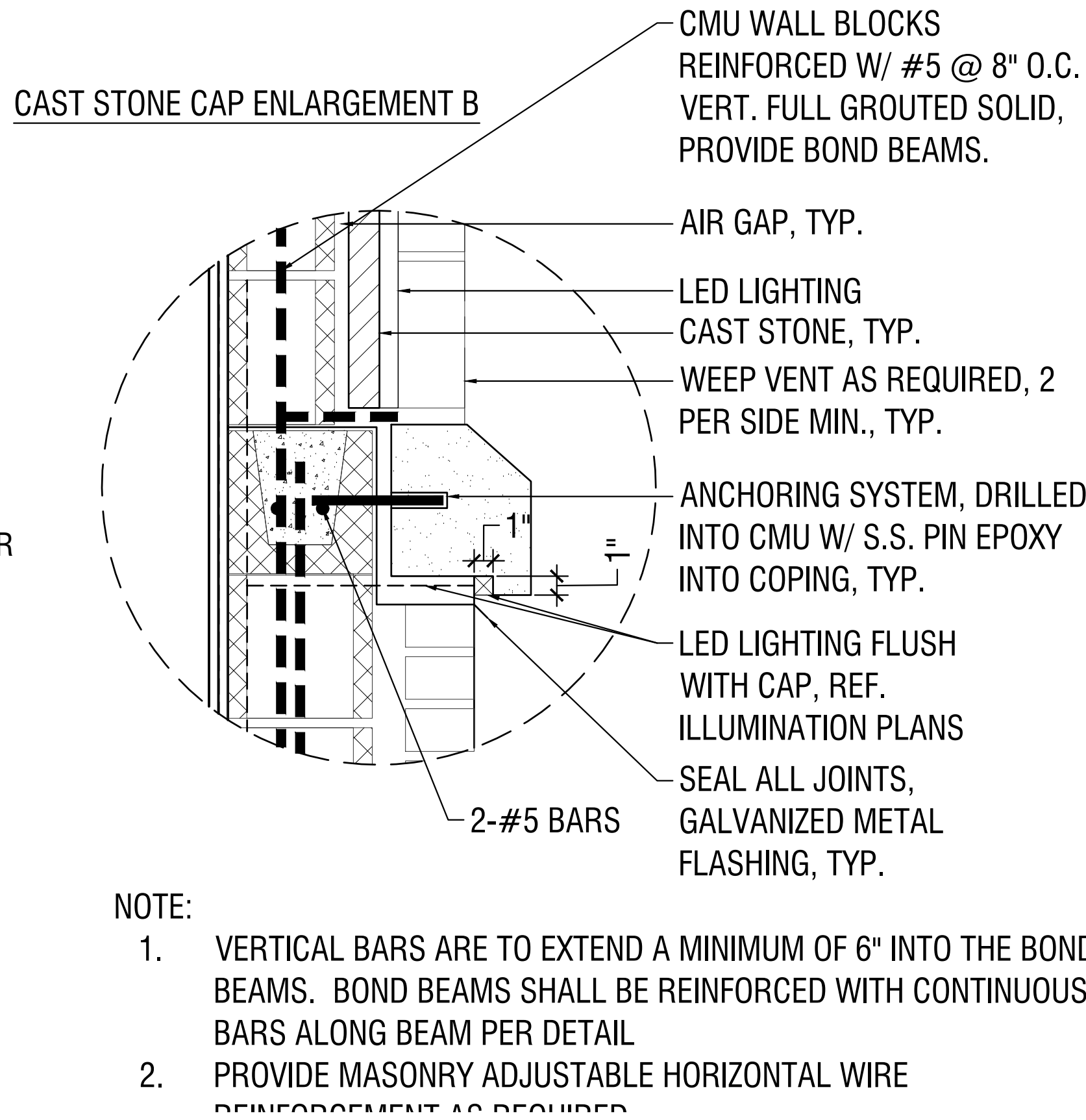
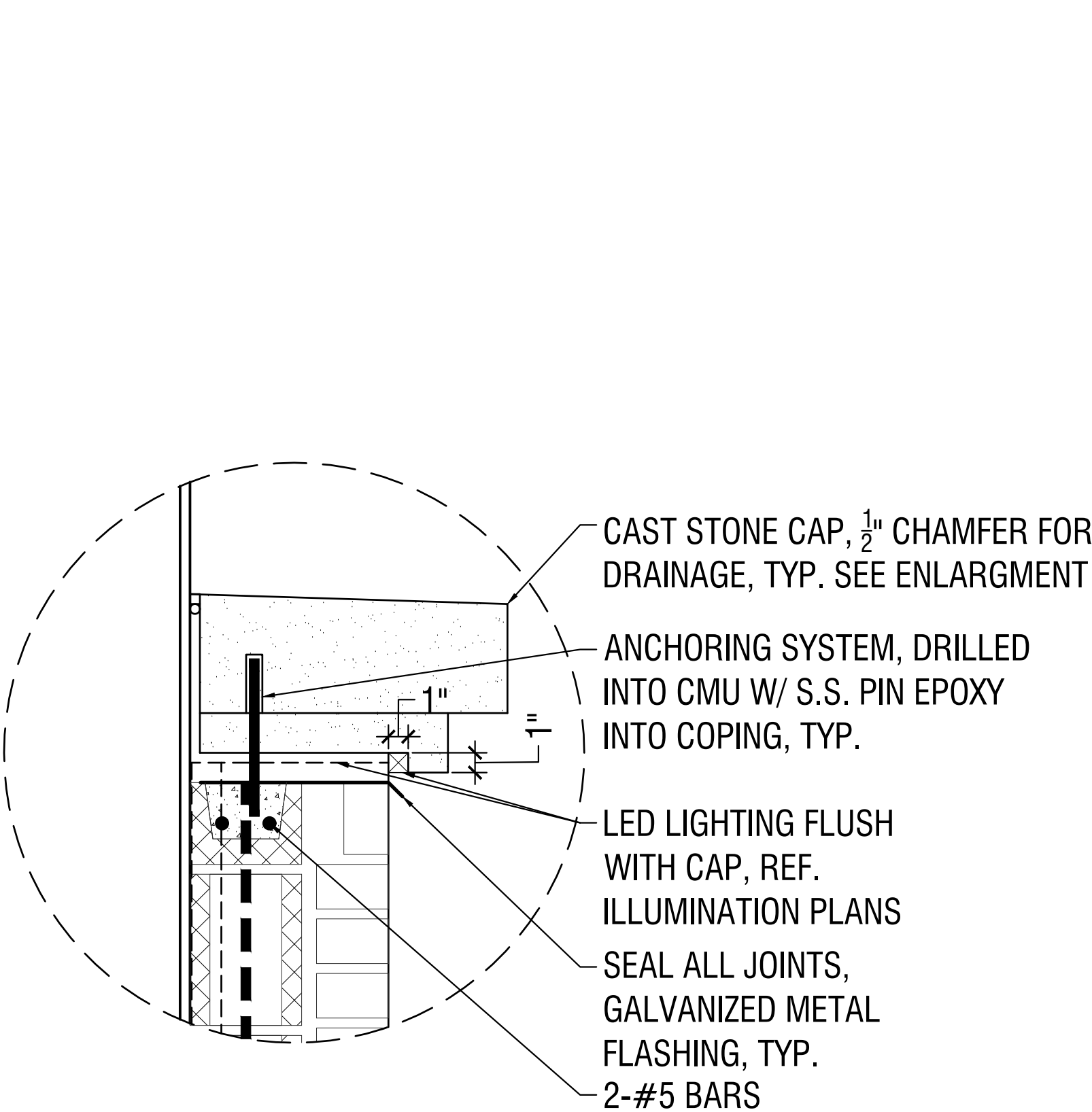
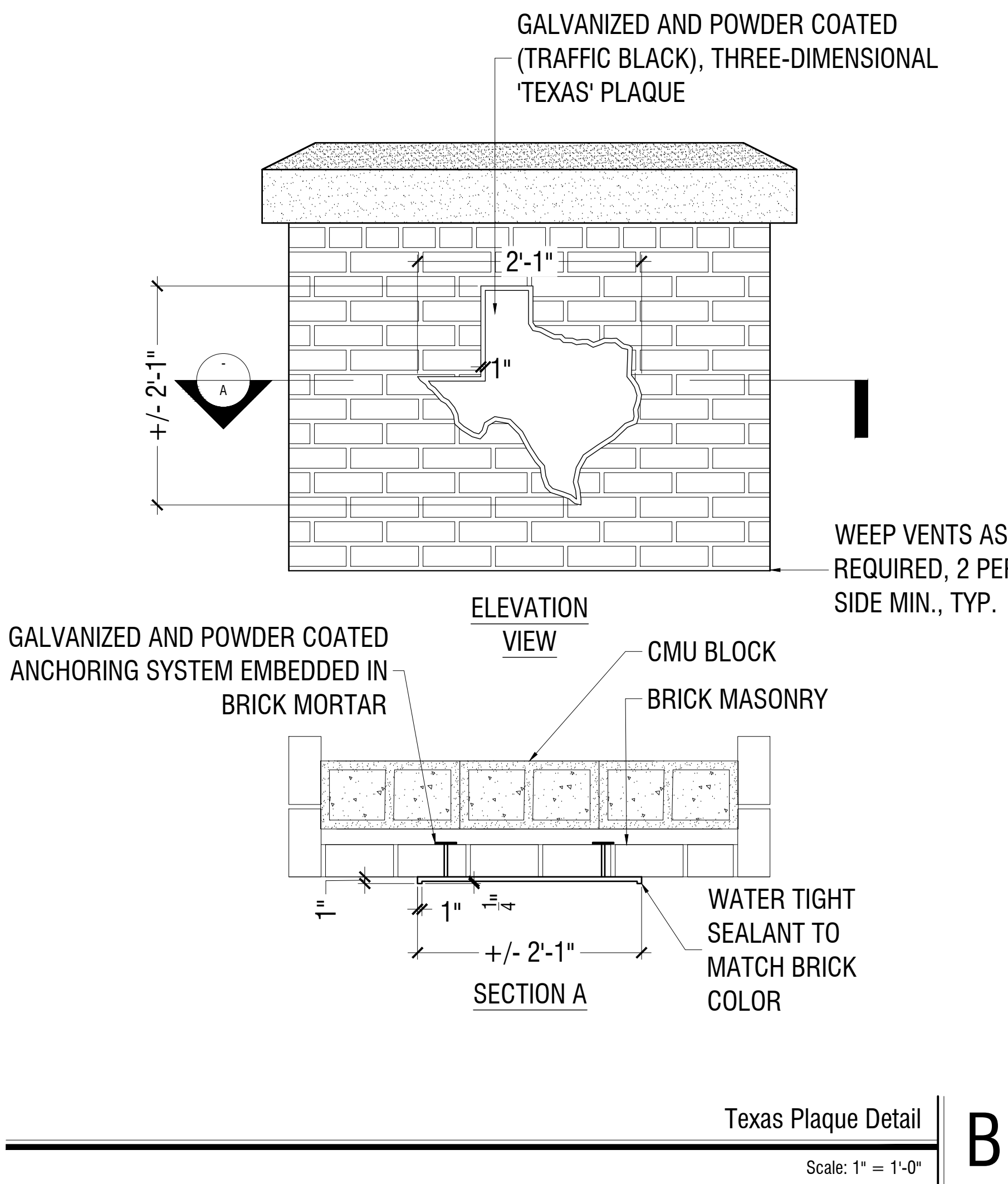
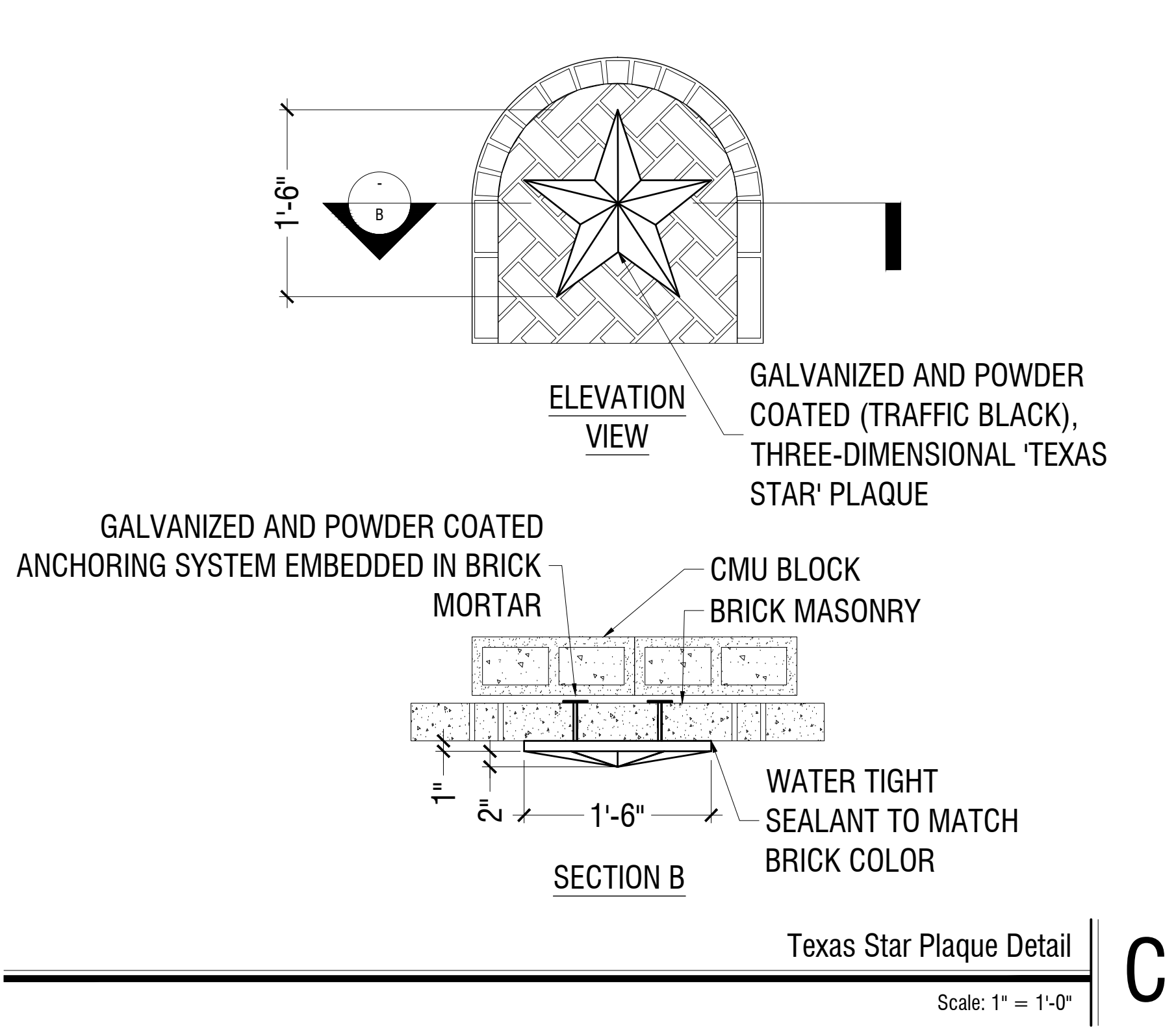
Scale: 3/8" = 1'-0"

GATEWAY MONUMENT DETAILS		CITY OF LEWISVILLE OLD TOWN LEWISVILLE GATEWAY		<div><div>KHA PROJECT 063025049</div><div>DATE 12/30/2024</div><div>SCALE AS SHOWN</div><div>DESIGNED BY IM</div><div>DRAWN BY KU</div><div>CHECKED BY MB</div></div>		<div><div>12-30-2024</div><div></div></div>		<div><div><div><div>© 2024 KIMLEY-HORN AND ASSOCIATES, INC. 2800 NORTH CENTRAL EXPRESSWAY SUITE 400, RICHARDSON, TX 75080 PHONE: 214-617-0535 WWW.KIMLEY-HORN.COM</div></div></div></div>				<div><div>No.</div><div>REVISIONS</div><div>DATE</div><div>BY</div></div>	

A



B

Plotted By: urdiles, Katie December 30, 2024 02:20:55pm K:\ARCH-LA\F\Projects\063025049 - Old Town Lewisville Gateway\CAD\Sheets\L2.03 SITE DETAILS.dwg K:\ARCH-LA\F\Projects\063025049 - Old Town Lewisville Gateway\CAD\Sheets\L2.02 SITE DETAILS.dwg
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STRUCTURE NOTE:

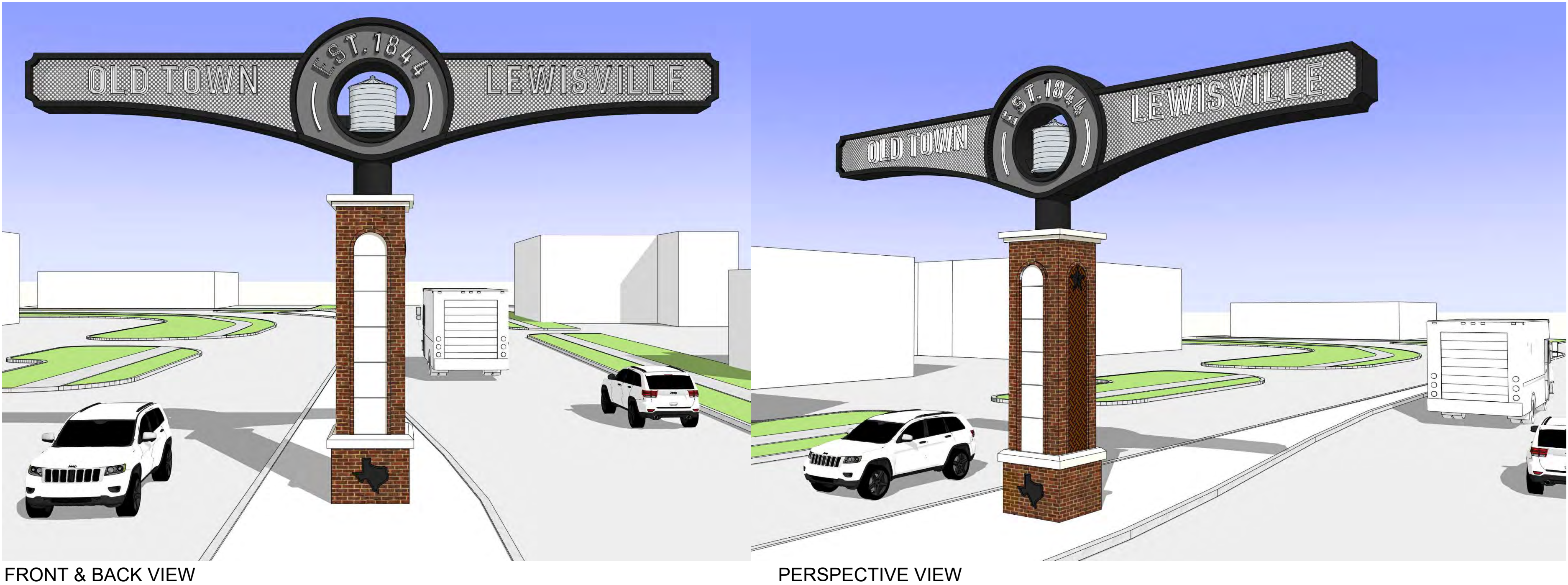
- DIMENSIONS & MEMBER SIZES ARE FOR SCALE, LOOK, & PRELIMINARY PRICING ONLY. CONTRACTOR TO PROVIDE FINAL SIGNED & SEALED SHOP DRAWINGS.
- ALL STRUCTURAL RAW STEEL SHALL BE HOT DIP GALVANIZED AND POWDER COAT FINISH.
- SUBMIT ALL MATERIAL FOR APPROVAL

GATEWAY MONUMENT DETAILS		CITY OF LEWISVILLE OLD TOWN LEWISVILLE GATEWAY		<div>KHA PROJECT 063025049</div> <div>DATE 12/30/2024</div> <div>SCALE AS SHOWN</div> <div>DESIGNED BY IM</div> <div>DRAWN BY KU</div> <div>CHECKED BY MB</div>		<div>12-30-2024</div> <div></div>		<div>ALL R</div> <div></div> <div>© 2024 KIMLEY-HORN AND ASSOCIATES, INC. 2800 NORTH CENTRAL EXPRESSWAY SUITE 400, RICHARDSON, TX 75080 PHONE: 214-617-0535 WWW.KIMLEY-HORN.COM</div>				<div>No.</div> <div>REVISIONS</div> <div>DATE</div> <div>BY</div>	

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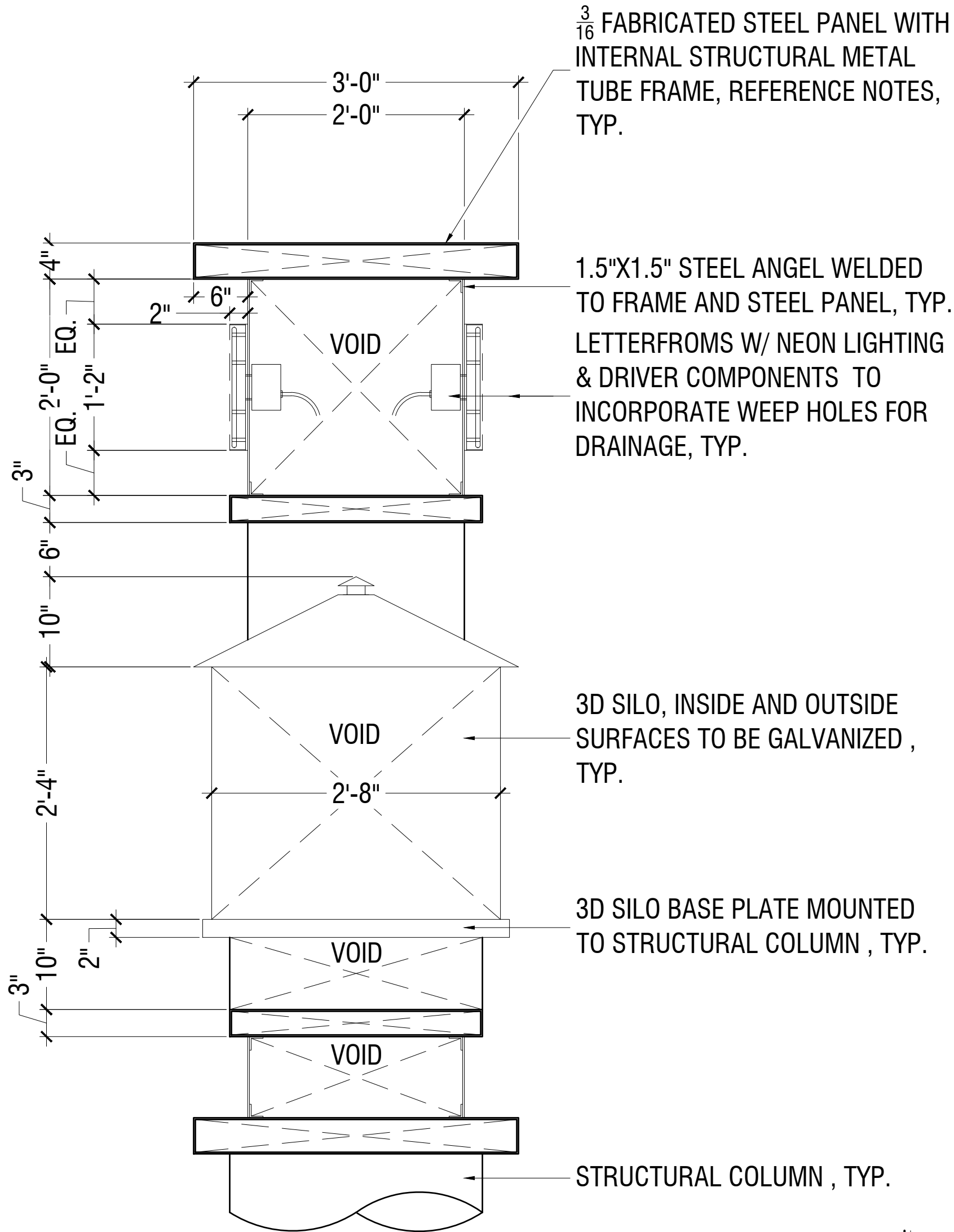
GENERAL NOTES:

- A. STRUCTURAL STEEL:** FABRICATED STEEL FORM WITH INTERNAL METAL FRAME. WELDED AND MECHANICAL CONSTRUCTION (NO ADHESIVE) OF STEEL PANELS AND PERFORATED MESH TO FRAME. NON-CORROSIVE HARDWARE TO BE PAINT FINISHED TO MATCH SURROUNDING AREA. BOTTOM AND PERFORATED MESH PANELS CONFIGURED TO BE REMOVABLE FOR INSTALLATION AND SERVICING. INCORPORATE SHELF INSIDE ASSEMBLY FOR POWER SUPPLY AND NEON LIGHTING CONTROL. POWDER COAT 'POWDURA 5000 OR EQUAL FINISH ALL INTERIOR AND EXTERIOR SURFACES, 'TRAFFIC BLACK.' CONCEALED CONNECTION TO CONCRETE BASE/FOOTING. INCORPORATE WATER WEEP HOLES AS REQUIRED.
- PERFORATED METAL MESH: MCNICHOLS PERFORATED METAL OR EQUAL, MILL FINISH, 11 GAUGE MIN. $\frac{3}{8}$ " SQUARE ON 1" STRAIGHT CENTERS. $\frac{1}{4}$ " BAR WIDTH, 1.0 HOLES PER SQUARE INCH, MINIMUM SOLID MARGINS BOTH SIDES OF SHEET PARALLEL TO LENGTH OF SHEET WITH 50-56% OPEN AREA. POWER COATING AND FINISH PER STRUCTURAL STEEL. ELEVATION PATTERN AT 45 DEGREE.
- B. LETTERFORMS 'OLD TOWN LEWISVILLE':** 3" DEEP FABRICATED ALUMINUM LETTERFORMS (0.125" BACK, AND 0.080" RETURNS). INTERNAL STRUCTURE AS REQUIRED. NEON ILLUMINATED. WELDED CONSTRUCTION, TIGHT SEAMLESS APPEARANCE AT ALL JOINTS. INSIDE SURFACES TO BE PAINTED WITH LIGHT-ENHANCING WHITE COATING. POWDER COAT 'POWDURA 5000 OR EQUAL FINISH ALL SURFACES, 'MATHEWS MP 32071 WHITE WONDER (WHITE).' CONCEALED MECHANICAL MOUNT FLUSH TO PERFORATED MESH, POSITIONING AS INDICATED. INCORPORATE WATER WEEP HOLES AS REQUIRED.
- TYPOGRAPHY: GINESO-CONDENSED BOOK, SIZED AS INDICATED, OPTICALLY KERNED, TRACKING SET TO 85%.
- LETTERFORMS 'EST. 1844' & ACCENT RADIAL LINE:** 2" DEEP FABRICATED ALUMINUM LETTERFORMS (0.125" BACK, AND 0.080" RETURNS). INTERNAL STRUCTURE AS REQUIRED. NEON ILLUMINATED. WELDED CONSTRUCTION, TIGHT SEAMLESS APPEARANCE AT ALL JOINTS. INSIDE SURFACES TO BE PAINTED WITH LIGHT-ENHANCING WHITE COATING. POWDER COAT 'POWDURA 5000 OR EQUAL FINISH ALL SURFACES, 'MATHEWS MP 32071 WHITE WONDER (WHITE).' CONCEALED MECHANICAL MOUNT FLUSH TO PERFORATED MESH, POSITIONING AS INDICATED. INCORPORATE WATER WEEP HOLES AS REQUIRED.
- TYPOGRAPHY: GINESO-CONDENSED BOOK, SIZED AS INDICATED, OPTICALLY KERNED, TRACKING SET TO 85%.
- C. 3D SILO:** INTERNAL AND MOUNTING STRUCTURE AS REQUIRED. WELDED CONSTRUCTION, TIGHT SEAMLESS APPEARANCE AT ALL JOINTS. INSIDE AND EXTERIOR SURFACES TO BE GALVANIZED. CONCEALED MECHANICAL MOUNT TO STRUCTURAL COLUMN AND BASE PLATE, POSITIONING AS INDICATED. SILO MAY BE UTILIZED AS WEATHER TIGHT CABINET FOR NEON LIGHTING EQUIPMENT HOUSING. INCORPORATE WATER WEEP HOLES AS REQUIRED.SIZED AS INDICATED.
- D. ILLUMINATION:** PER ILLUMINATION PLANS AND NOTES.
- E. CONTRACTOR TO COORDINATE WITH GATEWAY MONUMENT FABRICATOR ON FOOTING INSTALLATION AND REQUIREMENTS.
- F. CONTRACTOR SHALL SUBMIT GATEWAY MONUMENT SHOP AND FOUNDATION DRAWINGS BY A LICENSED ENGINEER (TEXAS) FOR REVIEW TO THE PROJECT LANDSCAPE ARCHITECT/ENGINEER AND CITY FOR APPROVAL.
- G. MODEL VIEW DRAWINGS ARE A PICTORIAL REPRESENTATION OF THE GATEWAY MONUMENT AND STEEL ONLY.
- H. ALL DIMENSIONS AND HEIGHTS MUST BE FIELD AND SHOP DRAWING VERIFIED PRIOR TO ANY FINAL DESIGN, FABRICATION OR INSTALLATION WORK.



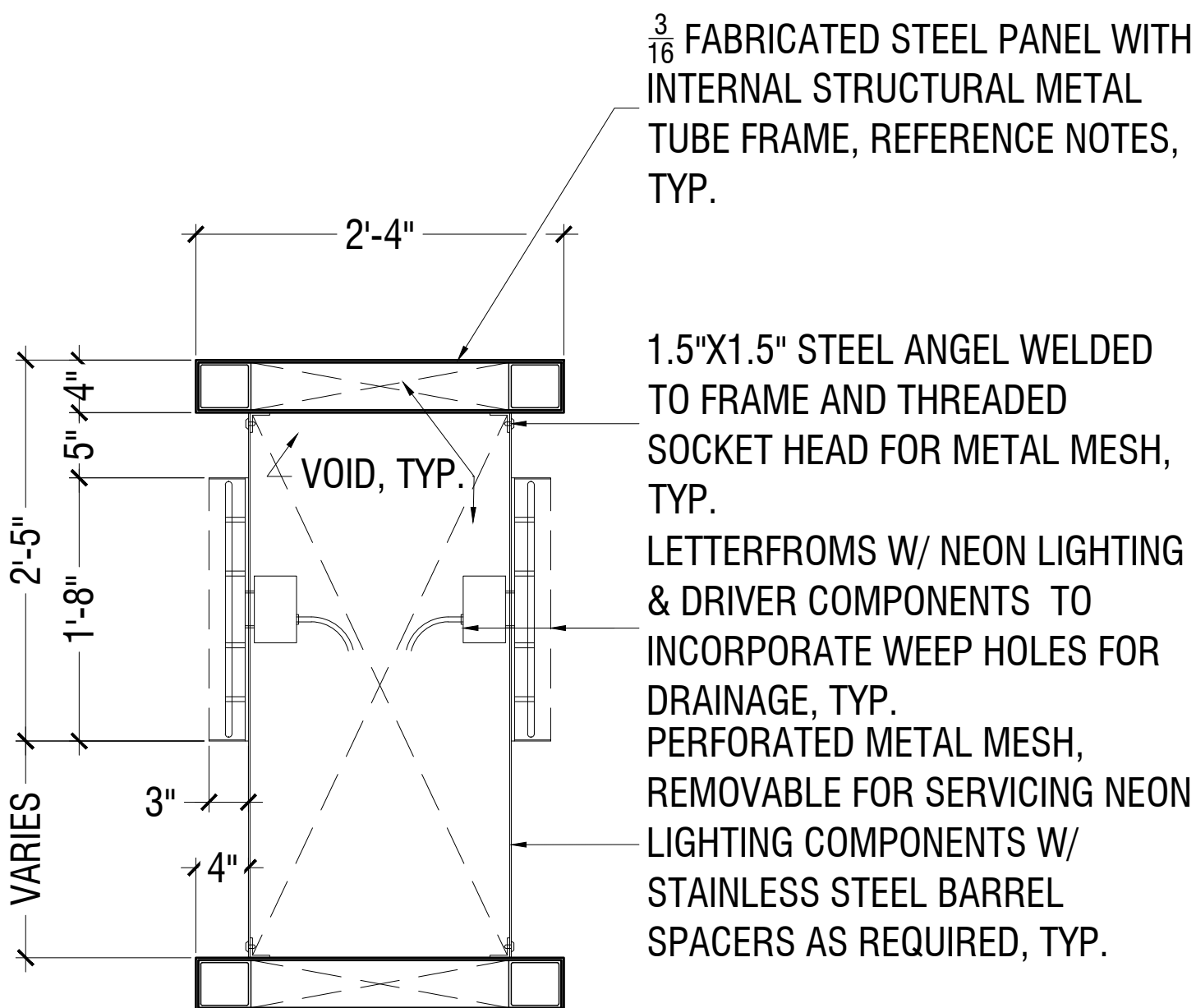
Gateway Monument Model Views

Scale: NTS



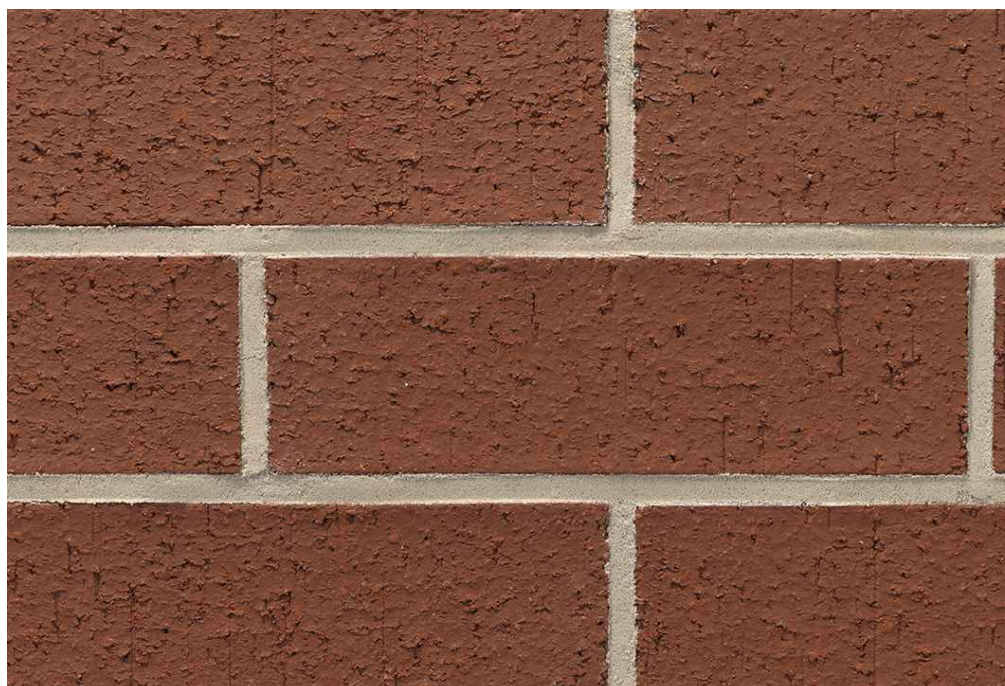
3D Galvanized Silo

Scale: 1" = 1'-0"

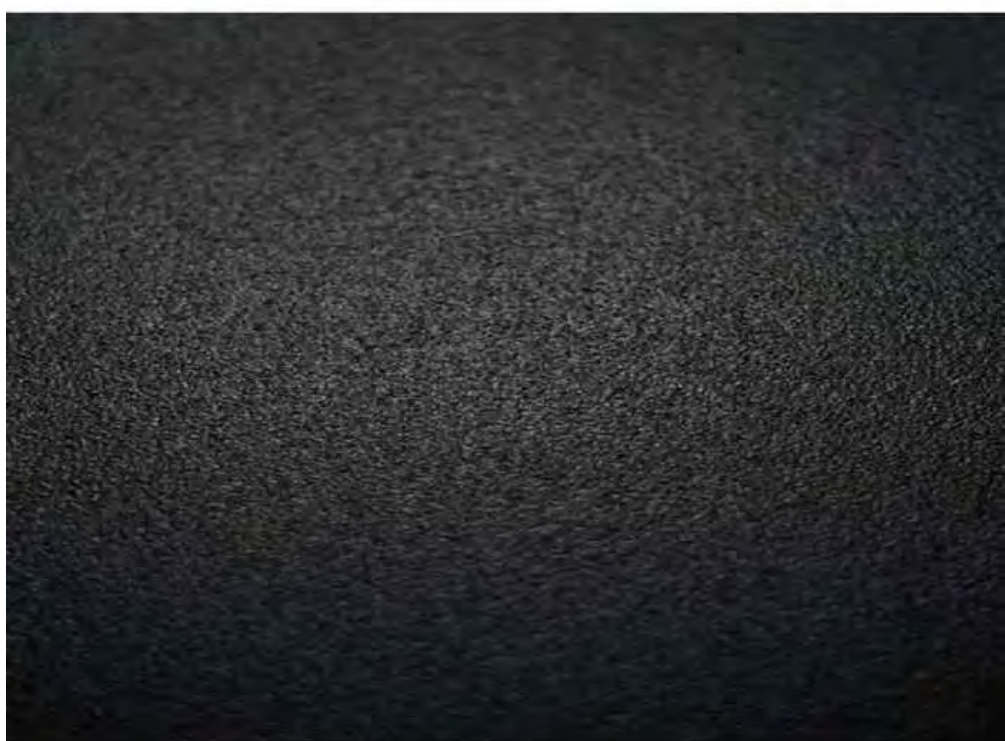


Block Lettering

Scale: 1" = 1'-0"



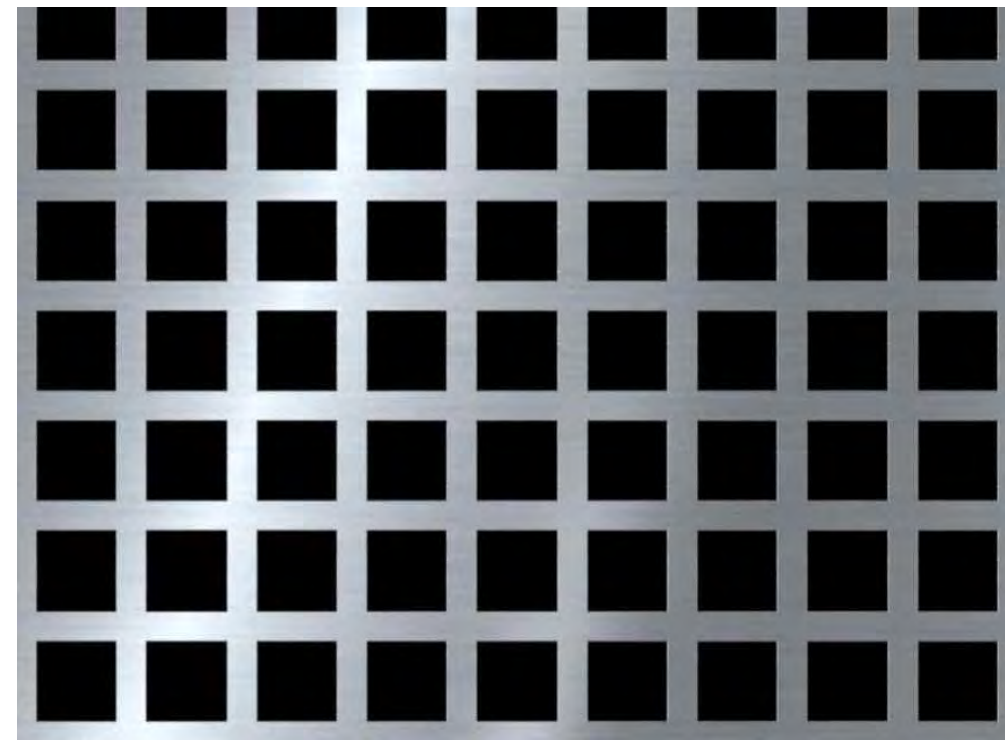
CLAY BRICK (DTP 673 29-136-01-27 QUORUM BY ACME BRICK OR EQUAL)



POWDER COATED METAL (TRAFFIC BLACK)



CAST STONE (BEIGE)



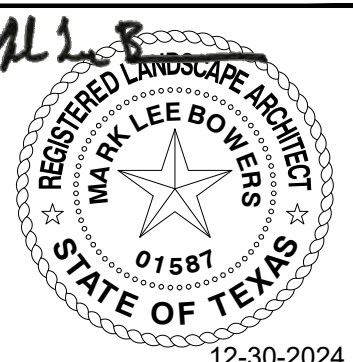
PERFORATED METAL (TRAFFIC BLACK)

Gateway Monument Materials

Scale: NTS

Kimley»Horn

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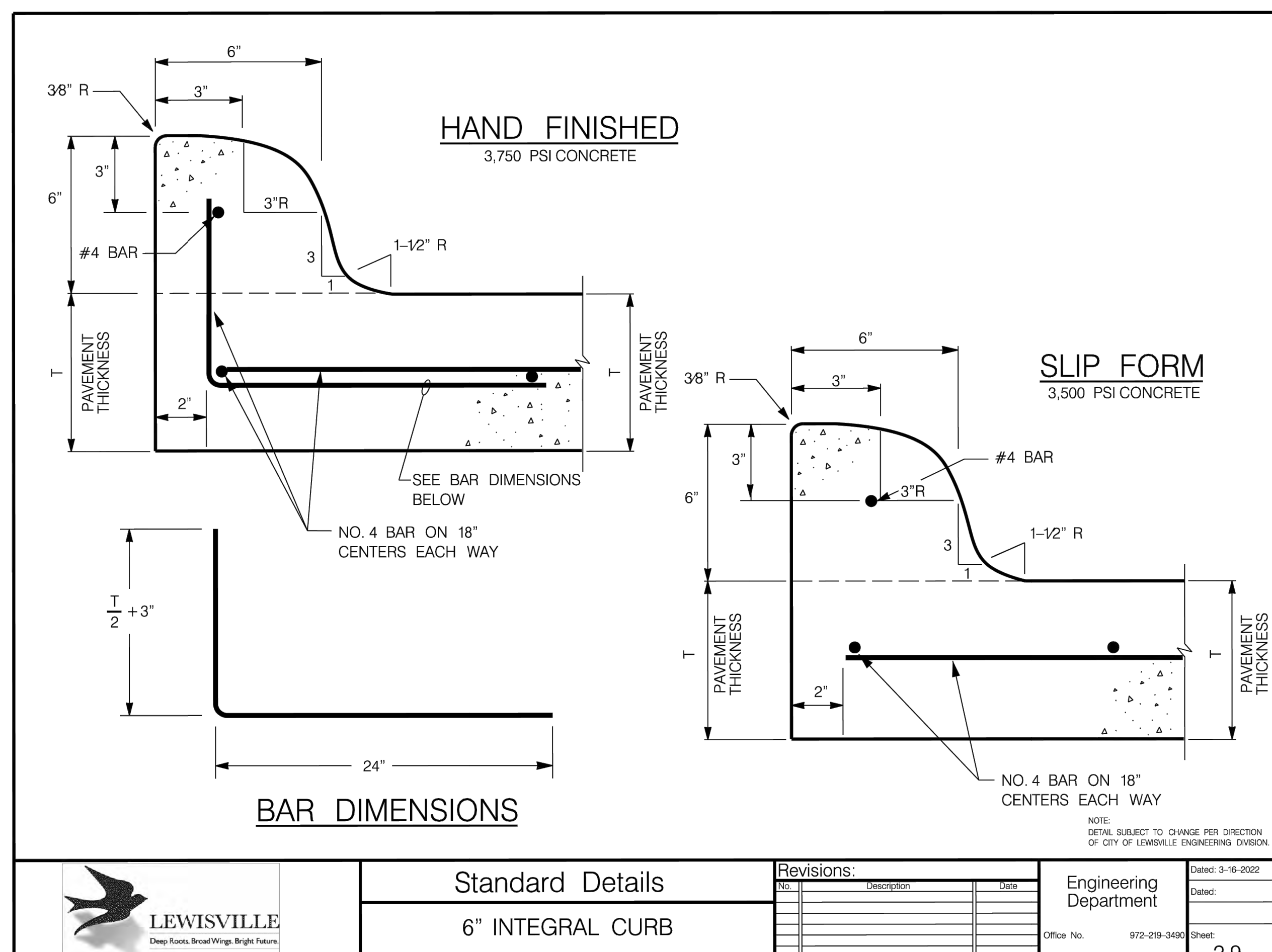
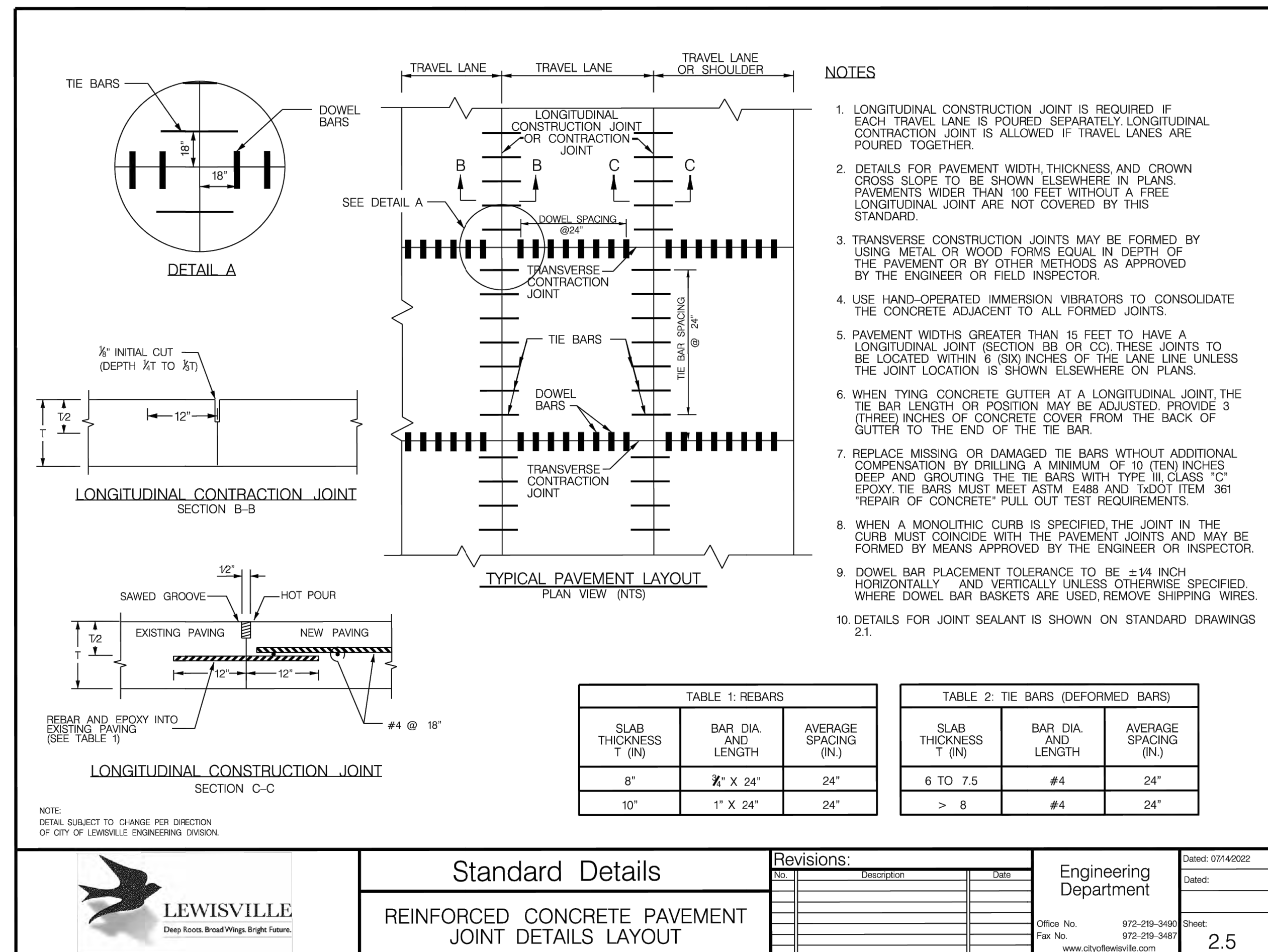
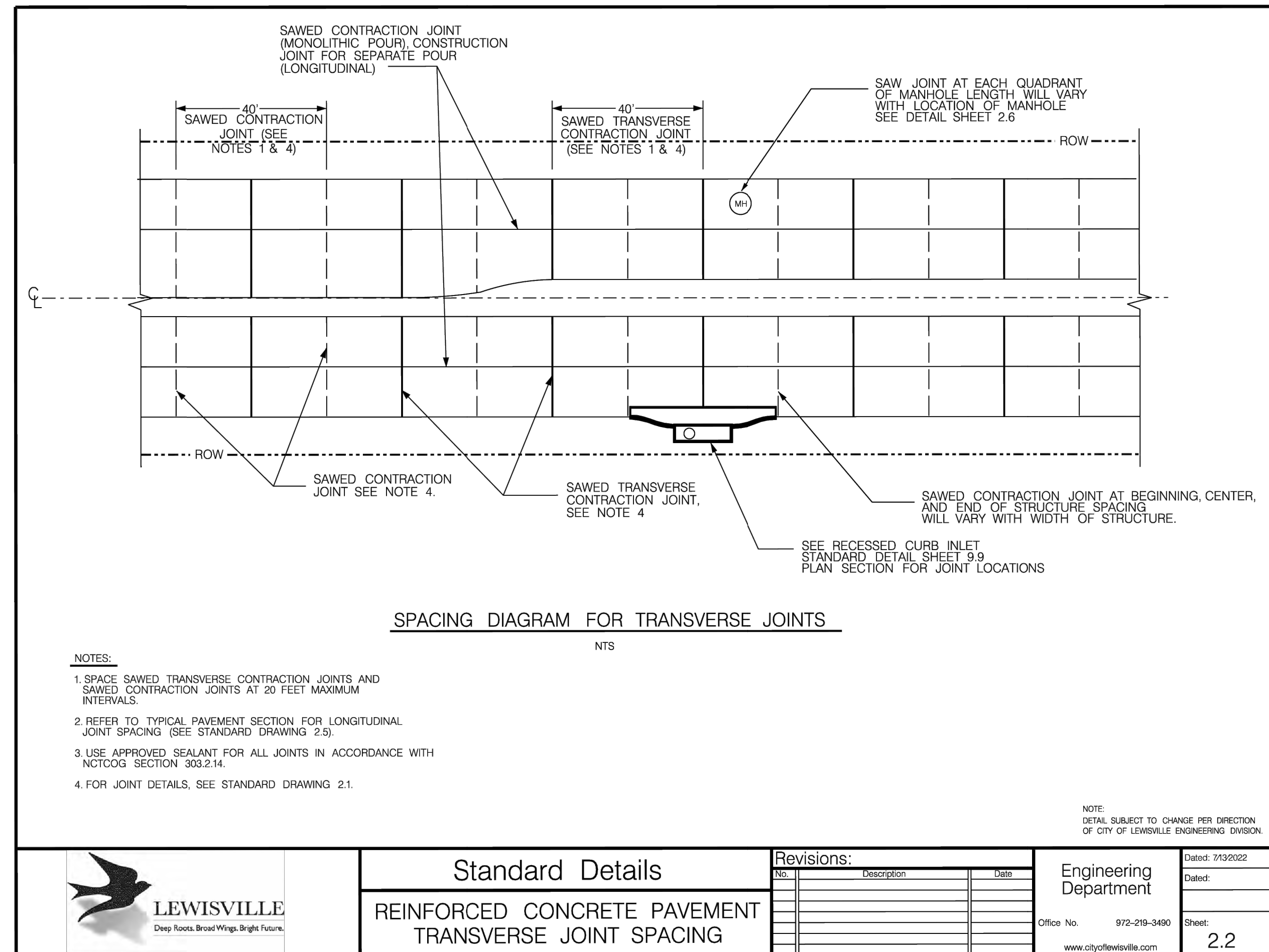
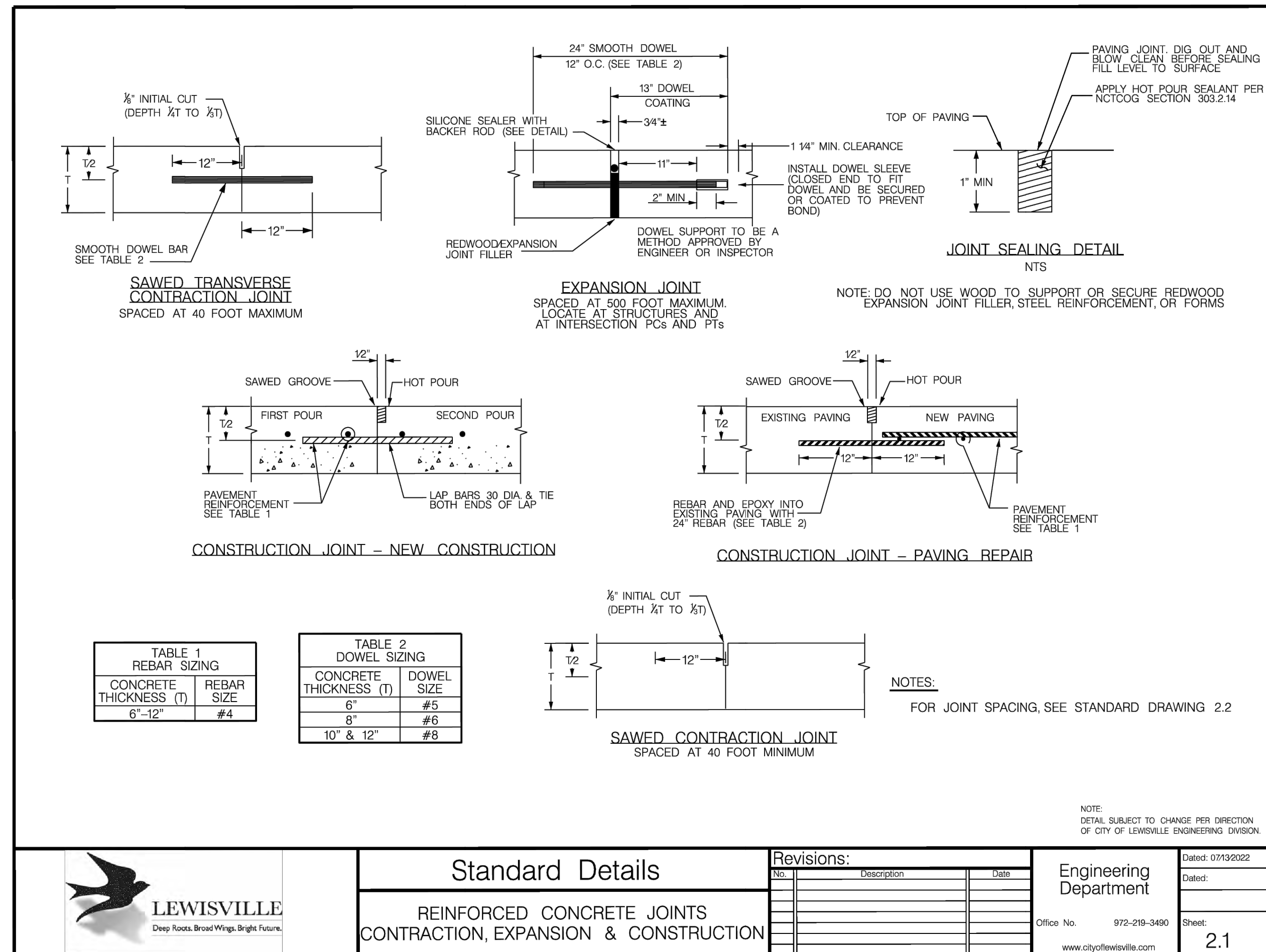
KHA PROJECT	063025049
DATE	12/30/2024
SCALE	AS SHOWN
DESIGNED BY	IM
DRAWN BY	KU
CHECKED BY	MB

CITY OF LEWISVILLE
OLD TOWN
LEWISVILLE GATEWAY

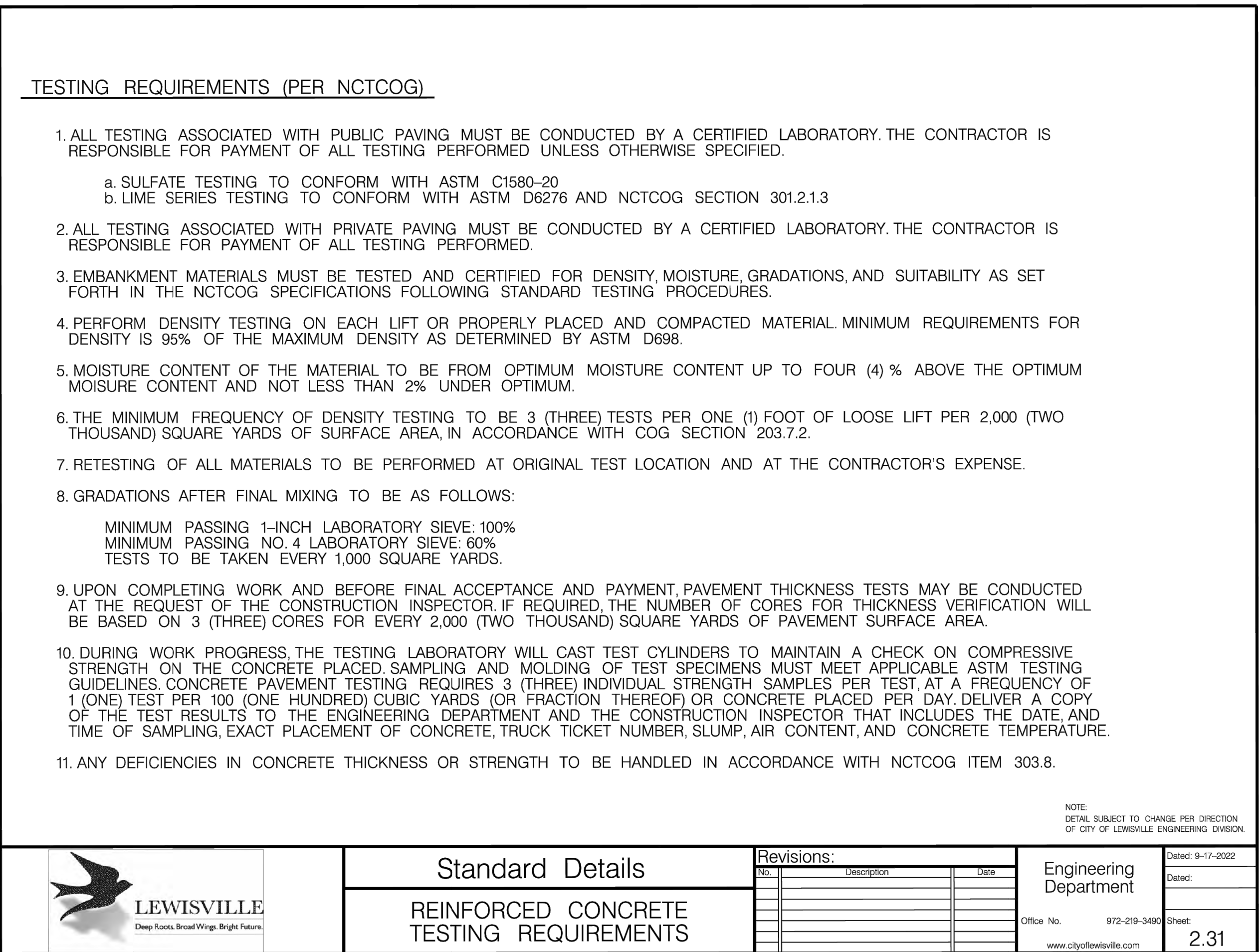
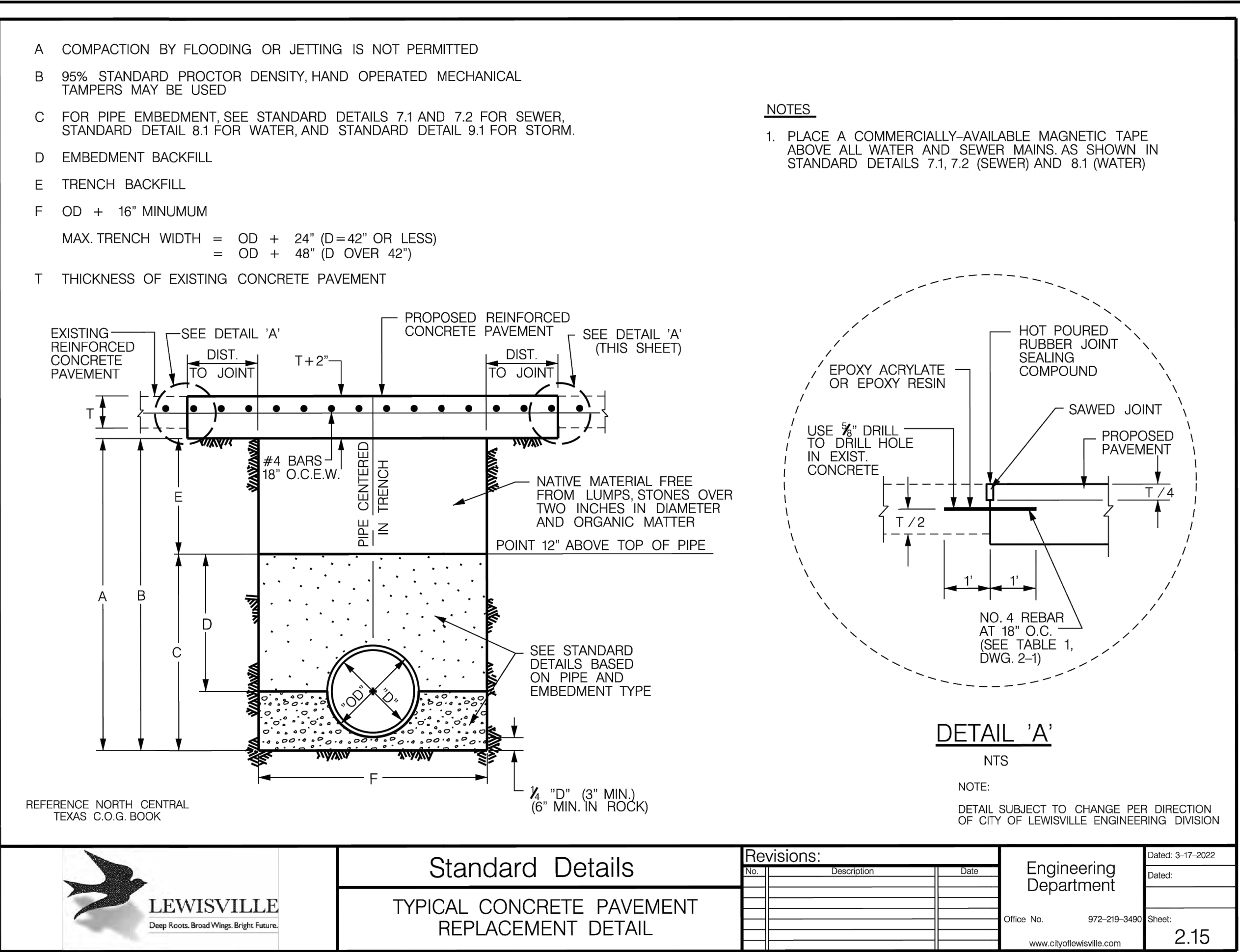
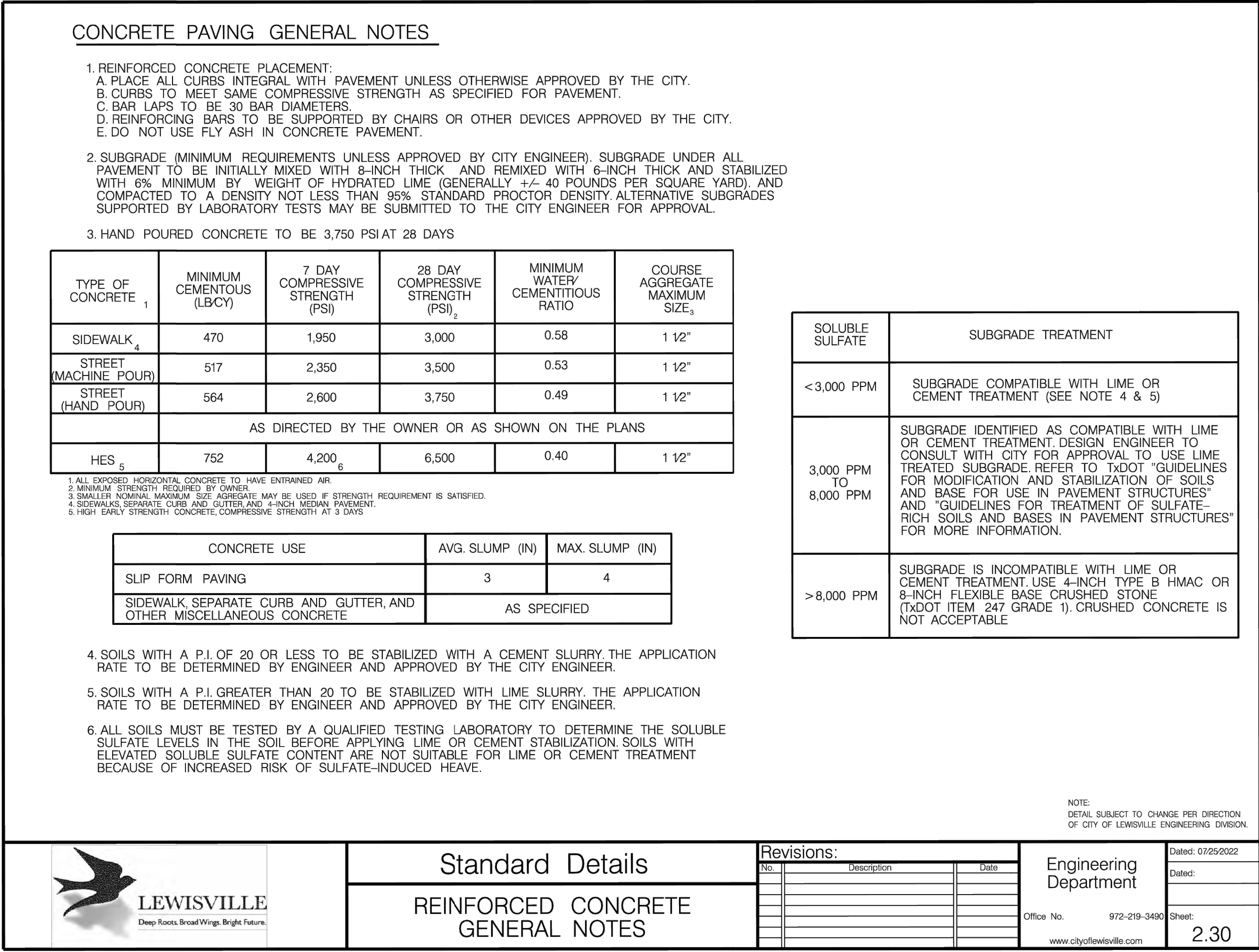
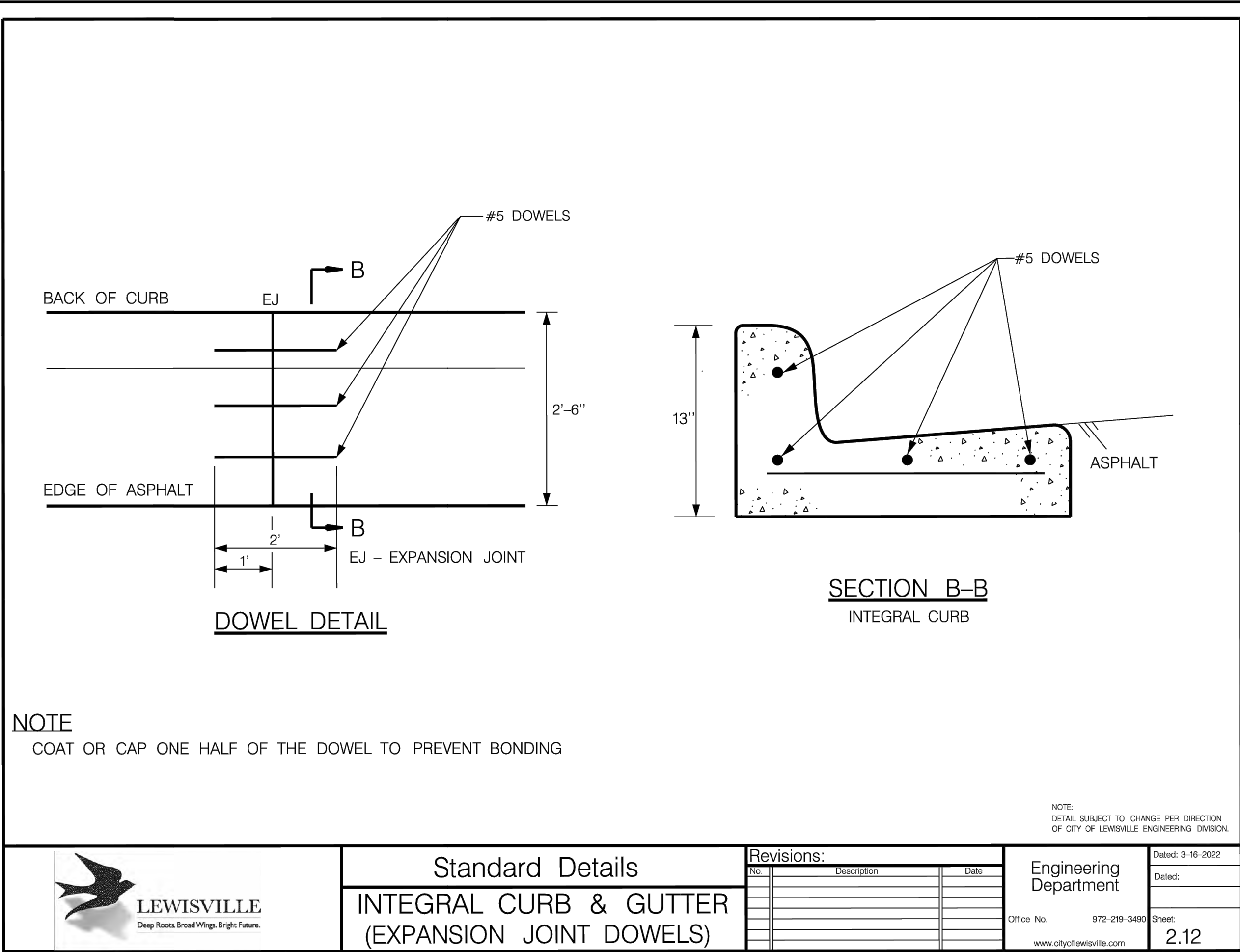
GATEWAY
MONUMENT
DETAILS

SHEET NUMBER
L2.04

PROJECT NO. 063025049 / BID NO. XXX-XXX



Plotted By: urdiles, Kelle December 30, 2024, 02:21:25pm K:\ARCH\LA+P\Projects\063025049 - Old Town Lewisville Gateways\CAD\Sheets\COL_TOT_DETALS.dwg
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KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
063025049	12/30/2024	AS SHOWN	IM	KU	MB

**CITY OF LEWISVILLE
OLD TOWN
LEWISVILLE GATEWAY**

**CITY STANDARD
PAVING DETAILS**

SHEET NUMBER
L2.06

PROJECT NO. 063025049 / BID NO. XXX-XXX

Plotted By:Urduja, Katie, December 30, 2024, 02:21:47pm, K:\RCH_L\A+E\Projects\063025049 - Old Town, Lewisville Gateway\CAD\Sheets\L3.01, ILLUMINATION PLAN.dwg, This document, together with the concepts and designs presented herein, is an instrument of service, is intended only for the specific purpose and client to which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Corridor Name	Elec. Service	Sheet No.	Electrical Service Description (see ED (5) - 14)	Service Conduit	Service Conductors	Safety Switch	Main Ckt. Bkr.	Lighting Contactor Amps	Panelbd/ Loadcenter	Circuit No.	Branch Ckt. Bkr.	Branch Circuit Amps	KVA Load
WOODSBORO WAY	ES01	L3.01	ELEC SERV TY D (120/240)100(NS)AL(E)PS(U)	2"	3/#2	N/A	2P/100	4P/30	100	A-COLUMN LEDs	2P/20	2	6.3
										B-NEON 1	1P/20	16	
										C-NEON 2	1P/20	16	
										D-NEON 3	1P/20	16	
										E-LED CONTROLLER	1P/20	0.2	

ES01 - SUMMARY OF CONDUIT AND CONDUCTORS													
RUN NO	RUN LENGTH	CIRCUIT	CONDUIT			CONDUCTORS		CONDUCTORS				CONDUCTORS	
			2 IN. PVC SCH 40 TRENCH	2 IN. PVC SCH 40 BORE	1 IN. PVC SCH 40 TRENCH	ELEC CONDR (NO. 10) INSULATED		ELEC CONDR (NO. 6) BARE		ELEC CONDR (NO. 6) INSULATED		LED POWER FEED ***	
						QA	LENGTH	QA	LENGTH	QA	LENGTH	QA	LENGTH
1	10	-	10					BY TNMP*					
2	10	A**	10			2	20						
		B,C,D						1	15	6	95		
3	30	A**	30			2	60						
		B,C,D						1	35	6	215		
4	40	A**		40		2	80						
		B,C,D						1	45	6	275		
5****	30	A			30							1	30
	30	A			30							1	30
	30	A			30							1	30
	30	A			30							1	30
	35	B,C,D	35		35			1	40	6	245		
TOTALS			85	40	155		160		135		830		120

THERE WILL BE NO EXTRA COMPENSATION IF CONTRACTOR CHOOSES TO BORE CONDUIT RATHER THAN TRENCH.
LIGHTING CONDUIT SHOWN IN THE PLANS IS SCHEMATIC. CONTRACTOR SHALL VERIFY ULTIMATE CONDUIT LOCATION.
*CONTRACTOR SHALL COORDINATE WITH TNMP REGARDING UNDERGROUND SERVICE FEED FROM TRANSFORMER TO PEDESTAL ELECTRICAL SERVICE.
TNMP TO INSPECT AND APPROVE CONDUIT PRIOR TO BEING COVERED BY CONTRACTOR.
**CIRCUIT A CABLE IN CONDUIT RUNS 2 - 4 ARE TO POWER CORE LED DRIVER LOCATED INSIDE THE TY D GROUND BOX.
***POWER FEED FROM THE DRIVER TO THE CORE LNT-65 AND LFO-60 LEDS SUBSIDIARY TO THE FIXTURE.
****CONDUIT AND CONDUCTORS SHOWN IN RUN 5 REPRESENT THE LENGTH NEEDED FROM THE GROUND BOX TO THE BASE OF THE COLUMN AND INSIDE OF THE COLUMN.

ILLUMINATION QUANTITIES

SHEET NUMBER
L3.02

CITY OF LEWISVILLE
OLD TOWN
LEWISVILLE GATEWAY

KHA PROJECT
063025049


DATE
12/30/2024

SCALE
AS SHOWN


DESIGNED BY
CL

DRAWN BY
RK

CHECKED BY
CL



Carlye Lide

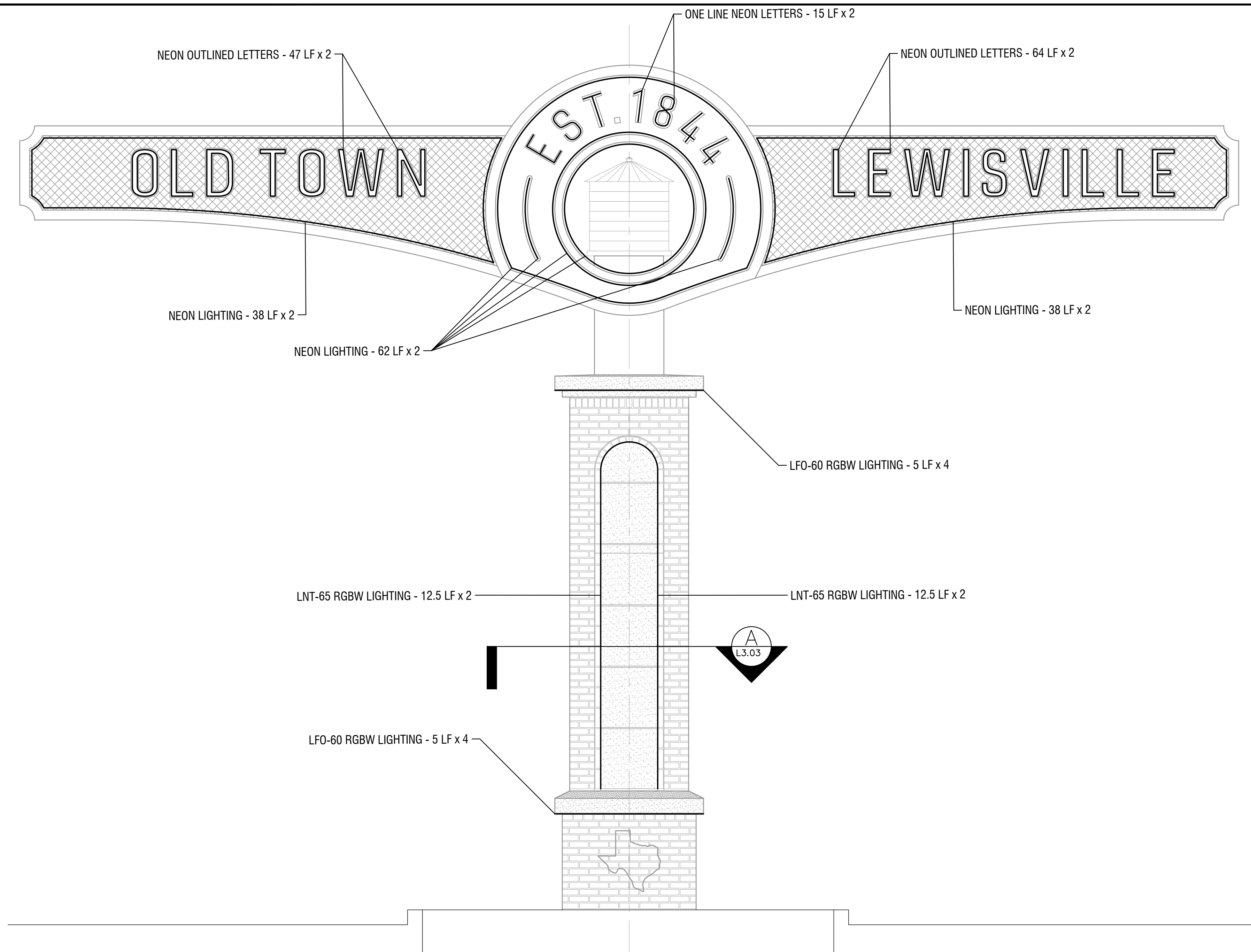
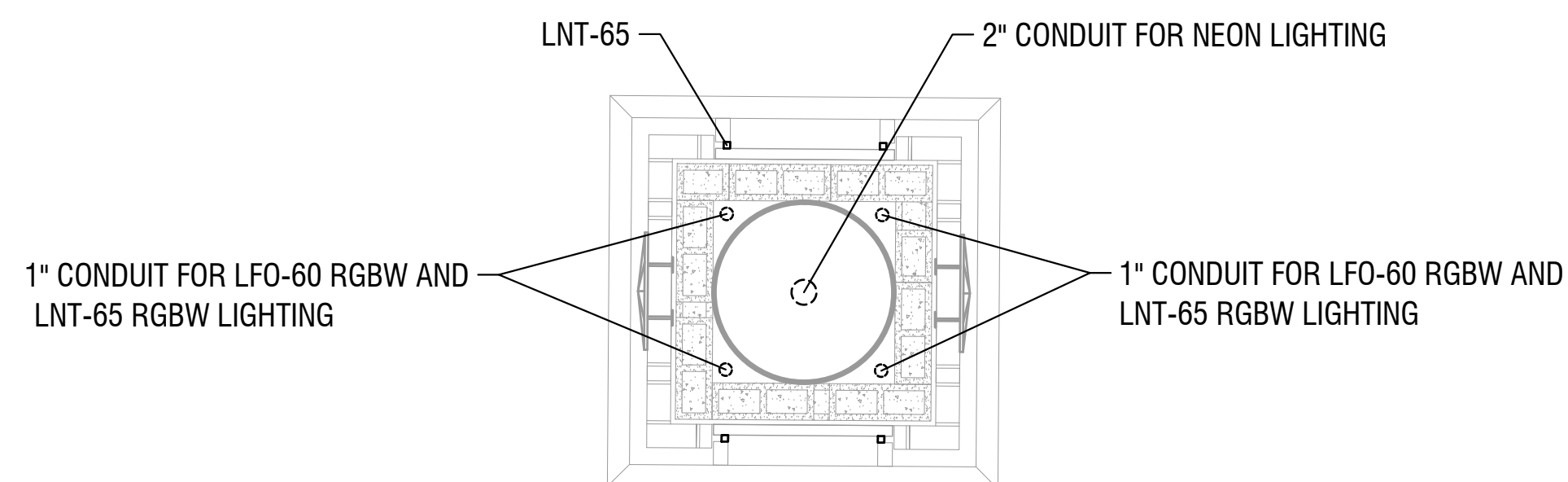
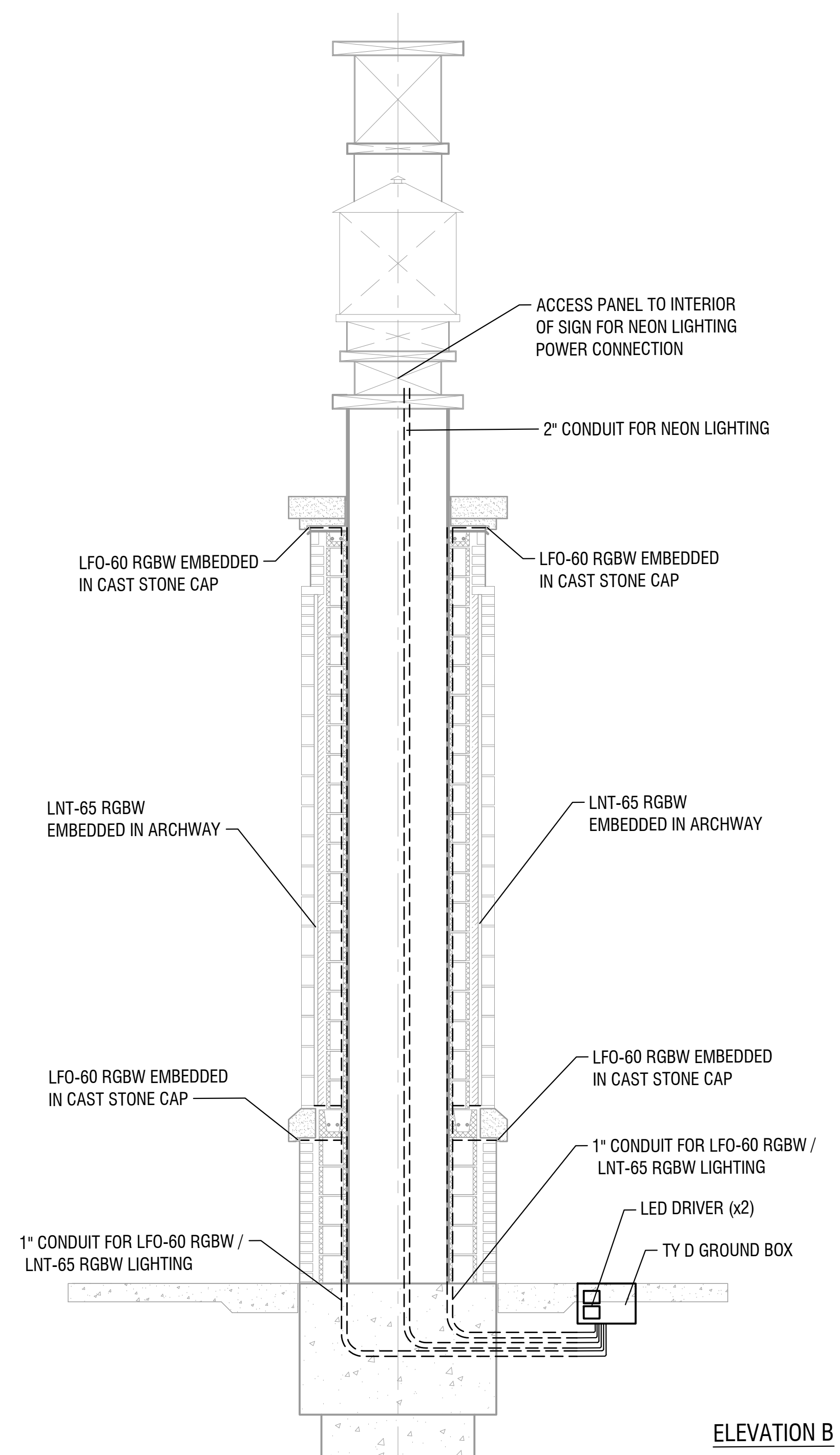


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REVISIONS

No.	DATE	BY

PROJECT NO. 063025049 / BID NO. XXXX-XXX

ELEVATION A

PLAN SECTION A

ILLUMINATION DETAILS	CITY OF LEWISVILLE OLD TOWN LEWISVILLE GATEWAY				<div>KHA PROJECT 063025049</div> <div>DATE 12/30/2024</div> <div>SCALE AS SHOWN</div> <div>DESIGNED BY CL</div> <div>DRAWN BY RK</div> <div>CHECKED BY CL</div>	<div> <i>Carlye Lide</i></div> <div> © 2024 KIMLEY-HORN AND ASSOCIATES, INC. 2600 NORTH CENTRAL EXPRESSWAY SUITE 400, RICHARDSON, TX 75080 PHONE: 214-617-0535 WWW.KIMLEY-HORN.COM</div>	No.	REVISIONS	DATE	BY

December 30, 2024, 02:21:54pm K:\ARCH-LEAF\Projects\063025049 - Old Town, Lewisville Gateway\CAD\Sheets\L3.01 ILLUMINATION PLAN.dwg
Plotted By:Urdules, Katie
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LED FIXTURE EMBEDDED IN ARCHWAY

LNT-65 RGBW

4.5W IP67/68 COLOR CHANGING + WHITE NEON SERIES

LNT-65 RGBW is a high performance flexible LED fixture designed as a neon replacement. Suitable for indoor and outdoor applications, the LNT-65 RGBW can bend around contours or tight radiuses without being damaged. It allows for easy installation with its factory sealed terminators and self-locking male and female barrel connectors.

SPECIFICATIONS

INPUT VOLTAGE	24V DC Constant Voltage
POWER CONSUMPTION	4.5W per Ft.
LUMEN OUTPUT	190 Lm/ Ft.
LED CHIP	NICHIA
CRI	88+
COLOR TEMPERATURE	RGB+27K/ RGB+40K
DIMMING	Through RGB controller
MAXIMUM RUN LENGTH	32 Ft.
CUTTABLE	Every 83.33mm (3.28 in)
STORAGE TEMPERATURE	-40°F (-40°C) to 176°F (80°C)
OPERATING TEMPERATURE	-4°F (-20°C) to 113°F (45°C)
BEAM ANGLE	160°
HUMIDITY	0-95% Non Condensing
IP RATING	IP67/ IP68
CERTIFICATIONS	UL Listed, UL-676 (IP68)
LUMEN MAINTENANCE	50,000 Hrs.



FEATURES

- High color consistency and smooth illumination
- Multiple CCT options available
- Bottom, Side and End Feed options
- UL-676 Pool Submersible (IP68 model)
- Waterproof/ Underwater Submersible

	F	VB	RGBW30K	24	45 (x4)	EF	HW50 (X2)
MODEL	LENS	SURFACE	COLOR TEMP	VOLT	LENGTH	POWER FEED	FEED LENGTH
LNT-65	F Flat	HB Horizontal Bend VB Vertical Bend	RGBW27K RGB+2700K RGBW40K RGB+4000K	24 24V DC	Please refer to page 5-6 for exact lengths with corresponding ordering codes.	BF Bottom Feed SFL Side Feed Left SFR Side Feed Right EF End Feed	HW3 3 Ft. Power Feed HW10 10 Ft. Power Feed HW15 15 Ft. Power Feed HW30 30 Ft. Power Feed HW50 50 Ft. Power Feed

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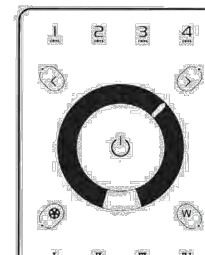
LNT-65 RGBW

4.5W IP67/68 COLOR CHANGING + WHITE NEON SERIES

DMX CONTROLLERS

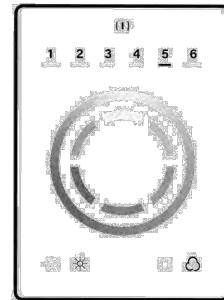
RGB CT600
MULTI-FUNCTION RGBW WALL CONTROLLER

INPUT VOLTAGE	5V DC, 1A
OUTPUT SIGNAL	RF 2.4GHZ + DMX512
CONTROL	4 ZONES
COLOR OPTIONS	Black/ White
WORKING TEMP	-20°C ~ 40°C
DIMENSIONS	LxWxH (5.19"x7.08"x1.38")



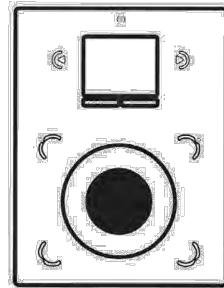
RGB-SCW4
WIFI DMX WALL CONTROLLER

INPUT VOLTAGE	5 - 10V DC, 0.6A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC
COLOR OPTIONS	Black/ White
CONNECTIONS	USB/ 8dry contact ports/ Open drain output (for relay)
MEMORY	Built-in Flash
WORKING TEMP	-10°C ~ 43°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")



RGB-SDE3
WIFI DMX WALL CONTROLLER

INPUT VOLTAGE	6V DC, 0.6A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC/ Tablet/ Smartphone
COLOR OPTIONS	Black/ White
CONNECTIONS	USB/ Ethernet/ RS232/ Clock/ 8dry contact ports/ 5V output relay
MEMORY	MicroSD Card
WORKING TEMP	-20°C ~ 40°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")



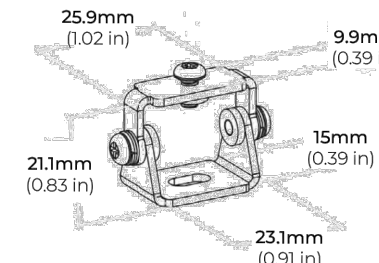
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LNT-65 RGBW

4.5W IP67/68 COLOR CHANGING + WHITE NEON SERIES

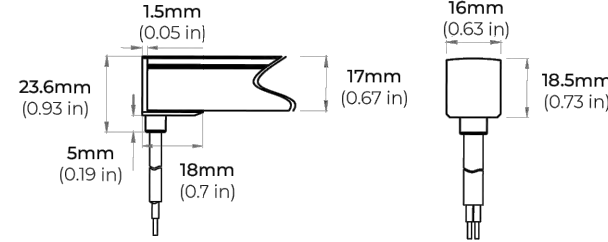
COMPATIBLE ACCESSORIES

LNT65-BKT-ADJ
ADJUSTABLE BRACKET

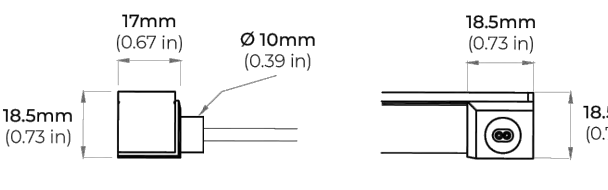


POWER FEED

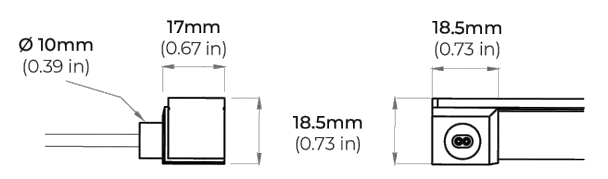
BF
BOTTOM FEED



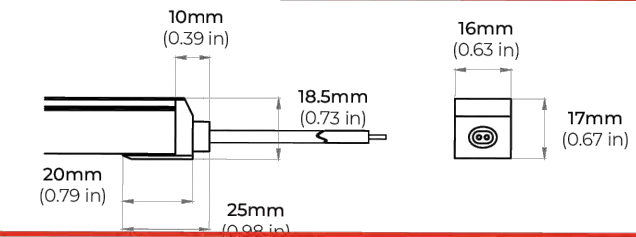
SFL
SIDE FEED LEFT



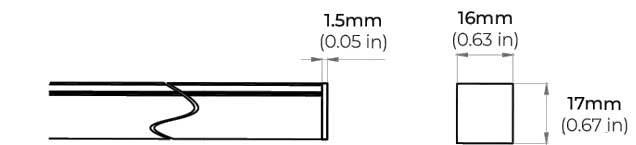
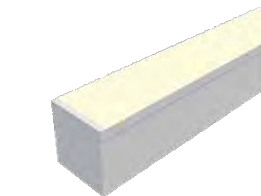
SFR
SIDE FEED RIGHT



EF
END FEED



LNT65-EC
END CAP



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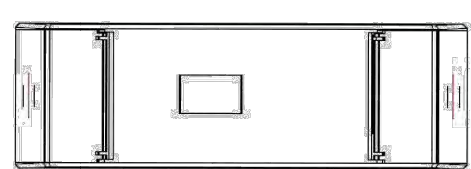
LNT-65 RGBW

4.5W IP67/68 COLOR CHANGING + WHITE NEON SERIES

DMX DECODERS

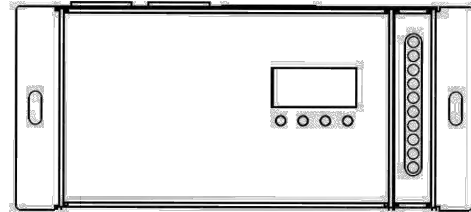
RGB-DMX-4C-RJ45
4-CHANNEL DMX DECODER

INPUT VOLTAGE	12V-24V DC
OUTPUT CURRENT	5A X 4CH
OUTPUT WATTAGE	60W(12V), 120W(24V)
OUTPUT CHANNELS	4
DIMENSIONS	LxWxH (7"x1.77"x0.75")



RGB-DMX-5C-XLR
5-CHANNEL DMX DECODER

INPUT VOLTAGE	12V-24V DC
OUTPUT CURRENT	8A X 5CH
OUTPUT WATTAGE	5 x (96W ~ 192W)
OUTPUT CHANNELS	5
DIMENSIONS	LxWxH (6.45"x2.87"x1.5")

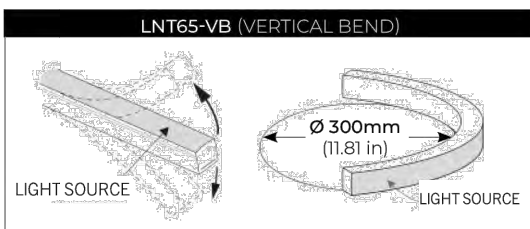
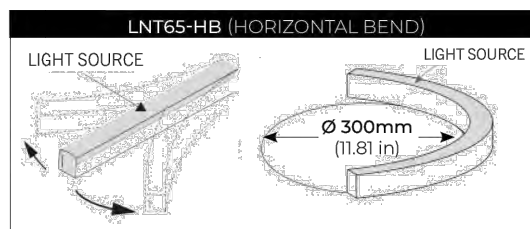
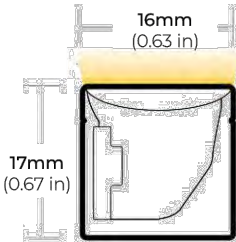


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LNT-65 RGBW

4.5W IP67/68 COLOR CHANGING + WHITE NEON SERIES

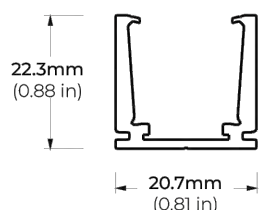
DIMENSIONS



COMPATIBLE ACCESSORIES

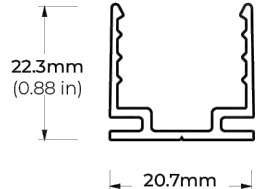
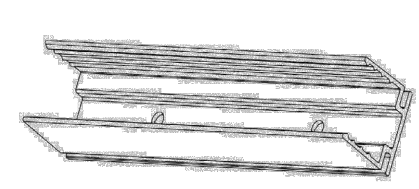
SELF LOCKING ALUMINUM PROFILE

LNT65-AC2
2" PROFILE



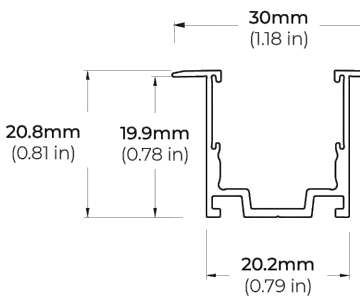
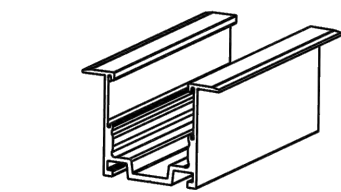
PLASTIC PROFILE

LNT65-PC39
39" PROFILE



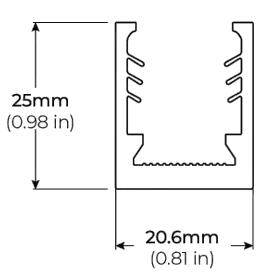
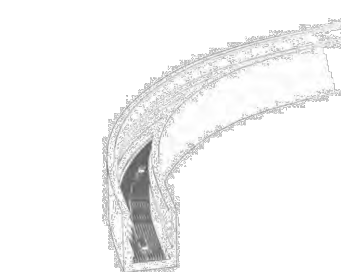
RECESSED PROFILE

LNT65-R539
39" PROFILE



FLEXIBLE PROFILE

LNT65-SPX39-WH
39" PROFILE (WHITE)



LNT65-SPX39-BK
39" PROFILE (BLACK)

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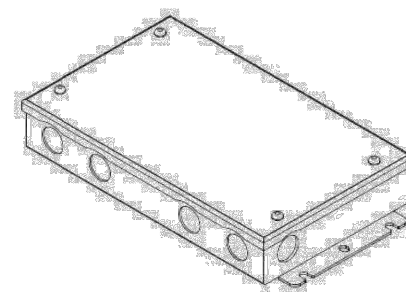
LNT-65 RGBW

4.5W IP67/68 COLOR CHANGING + WHITE NEON SERIES

NON-DIMMING DRIVERS (COMPATIBLE WITH ALL SYSTEMS)

PSHK SERIES
NON-DIMMING CONSTANT VOLTAGE WITH JUNCTION BOX

PSHK-30W-24V	CLASS 2	6.5" X 3.6" X 1.02"
PSHK-60W-24V	CLASS 2	7.4" X 3.62" X 1.02"
PSHK-90W-24V	CLASS 2	8.66" X 3.66" X 1.61"
PSHK-150W-24V		10.24" X 4.06" X 1.81"
PSHK-200W-24V		10.24" X 4.06" X 1.81"
PSHK-288W-24V	CLASS 2	11.85" X 4.25" X 1.82"
PSHK-300W-24V		10.24" X 4.25" X 1.81"



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KHA PROJECT	063025049	DATE	12/30/2024	SCALE	AS SHOWN	DESIGNED BY	CL	DRAWN BY	RK	CHECKED BY	CL
CITY OF LEWISVILLE	ILLUMINATION	DETAILS									
OLD TOWN											
LEWISVILLE GATEWAY											
SHEET NUMBER	L3.04										

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Plotted By: urdiales, Katie December 30, 2024 02:22:02pm K:\ARCH-LA+P\Projects\063025049 - Old Town Lewisville Gateway\CAD Sheets\L3.01 ILLUMINATION PLAN.dwg
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LED FIXTURE EMBEDDED IN CAST STONE CAP

LFO-60 RGBW

5.8W INDOOR/ OUTDOOR COLOR CHANGING LED STRIP



Project _____
Location _____
Quote/ Ref # _____

LFO-60 RGBW is an indoor and outdoor flexible LED Strip that features the smallest, most discreet optical linear design. Easy to mount and install to nearly any surface and easily adaptable to almost any indoor or outdoor application. Its miniature optics are ideal for grazing, wall washing, cove and other architectural or accent lighting applications. Its silicone encapsulation makes it durable to withstand harsh elements. Available in different color temperatures and field cuttable.



SPECIFICATIONS

INPUT VOLTAGE 24V DC
POWER CONSUMPTION 5.8W/ Ft.
(2.4W/ Ft. ~ RGB) | 2.4W/ Ft. ~ White)
LUMEN OUTPUT 320 Lm/ Ft.
(140 Lm/ Ft. ~ RGB) | 170 Lm/ Ft. ~ White)
NO. OF LEDs 14 LEDs per Ft.
BEAM ANGLE 30°/ 45°/ 60°/ 30° x 50° Asymmetric
COLOR TEMPERATURE RGB27K/ RGB30K/ RGB40K
DIMMING/ CONTROL Through RGBW Controller
MAXIMUM RUN LENGTH 32 Ft.
FIELD CUTTABLE Every 6.0 in (152.4mm)
IP RATING IP67 Outdoor/ Wet Rated
LUMEN MAINTENANCE 50,000 Hrs.
CERTIFICATIONS UL Listed
OPERATING TEMPERATURE -22°F (-30°C) to +122°F (+50°C)

FEATURES

- 5.8W per Ft.
- 320 Lm/ Ft.
- Flexible, silicone encapsulation
- Field Cuttable*
- Dimmable
- UL Listed

*Indoor installation only



	RGB30K	5 Ft. (x8)	3050	24
MODEL	COLOR TEMP	LENGTH	OPTICS	VOLTAGE
LFO-60	RGB27K	1XX per Ft.	30	24
	2700K ~ RGB		30°	
	RGB30K		45	
	3000K~RGB		45°	
	RGB40K		60	
	4000K~RGB		60°	
			3050	
		30° x 50°		
		ASY		
			Asymmetric	
		*1 = Custom length per Ft. (cuttable every 6")		
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LFO-60 RGBW

5.8W INDOOR/ OUTDOOR COLOR CHANGING LED STRIP

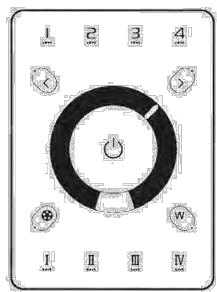


DMX CONTROLLERS

RGB CT600
MULTI-FUNCTION RGBW WALL CONTROLLER

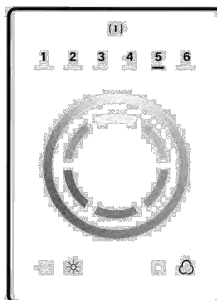
INPUT VOLTAGE 5V DC, 1A
OUTPUT SIGNAL RF 2.4GHz + DMX512
CONTROL 4 ZONES
COLOR OPTIONS Black/ White
WORKING TEMP -20°C ~ 40°C
DIMENSIONS LxWxH (5.19"x7.08"x1.38")

LFO-60 RGBW LEDs to share
1 DMX Controller with the
LNT-65 RGBW fixtures



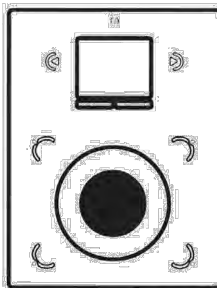
RGB-SCW4
WIFI DMX WALL CONTROLLER

INPUT VOLTAGE 5-10V DC, 0.6A
OUTPUT SIGNAL DMX512 (x2)
PROGRAMMABILITY PC/ MAC
COLOR OPTIONS Black/ White
CONNECTIONS USB/ Bdry contact ports/ Open drain output (for relay)
MEMORY Built-in Flash
WORKING TEMP -10°C ~ 45°C
DIMENSIONS LxWxH (5.75"x4.17"x0.43")



RGB-SDE3
WIFI DMX WALL CONTROLLER

INPUT VOLTAGE 6V DC, 0.6A
OUTPUT SIGNAL DMX512 (x2)
PROGRAMMABILITY PC/ MAC/ Tablet/ Smartphone
COLOR OPTIONS Black/ White
CONNECTION USB/ Ethernet/ RS232/ Clock/ Bdry contact ports/ 5V output relay
MEMORY MicroSD Card
WORKING TEMP -20°C ~ 40°C
DIMENSIONS LxWxH (5.75"x4.17"x0.43")



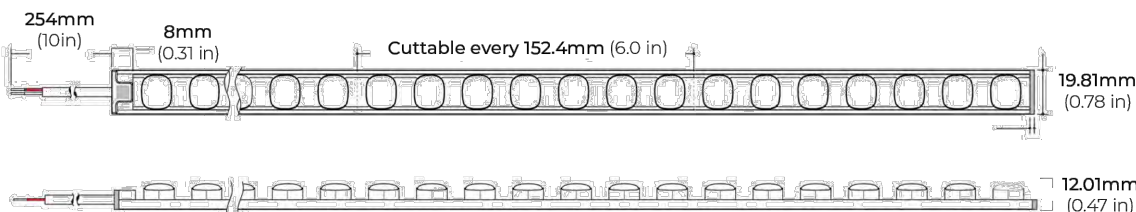
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LFO-60 RGBW

5.8W INDOOR/ OUTDOOR COLOR CHANGING LED STRIP



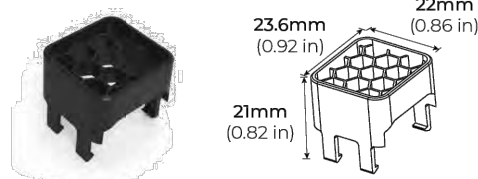
DIMENSIONS



ACCESSORIES

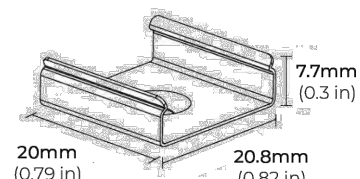
LFO-60-SDLV
SYMMETRICAL LOUVER

* Sold Separately per Ft.

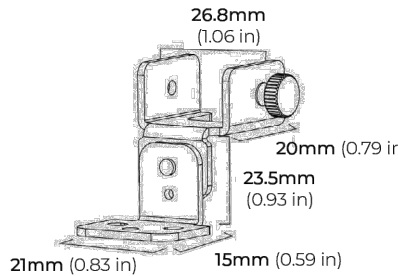


LFO-60-MB
MOUNTING BRACKET

0.82" X 0.79" X 0.3"



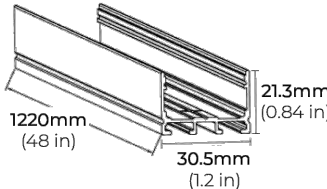
LFO-60-ASB
ADJUSTABLE BRACKET



LFO-60-AC48
STANDARD ALUMINUM PROFILE

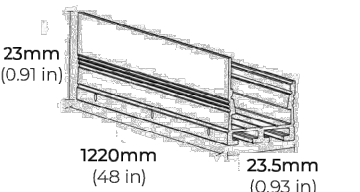
1.2" X 0.84" X 48"

* Comes with clear lens



LFO-60-CS48
CLARE SHIELD ALUMINUM PROFILE

0.93" X 0.91" X 48"



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LFO-60 RGBW

5.8W INDOOR/ OUTDOOR COLOR CHANGING LED STRIP



NON-DMX CONTROLLERS (CONTINUED)

RGB-CT840
BLUETOOTH TOUCH PANEL WALL CONTROLLER

INPUT VOLTAGE 12-24V DC
ZONES 4
CONTROL MODE RGB | RGBW
WIRELESS PROTOCOL Bluetooth 5.0 SIG Mesh
WORKING TEMP -20°C ~ 55°C
DIMENSIONS LxWxH (4.7"x3"x1.2")

* Paired with RGB-CT800-RC (Sold Separately)



RGB-CT800-RC
BLUETOOTH CONSTANT VOLTAGE LED RECEIVER

INPUT VOLTAGE 12V | 24V
OUTPUT CURRENT 4Ax5CH / 5Ax4CH (20A Max)
POWER CAPACITY 240W (12V) | 480W (24V)
PROGRAMMABILITY iOS and Android
WORKING TEMP -20°C ~ 55°C
DIMENSIONS LxWxH (6.9 x1.7 x 1.2")

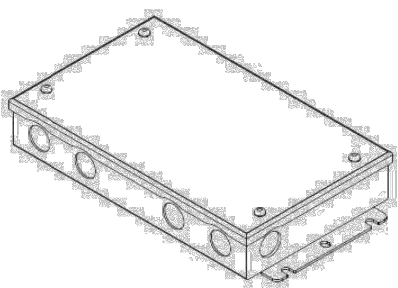
* Paired with RGB-CT840 (Sold Separately)



NON-DIMMING DRIVERS (COMPATIBLE WITH ALL SYSTEMS)

PSHK SERIES
NON-DIMMING CONSTANT VOLTAGE WITH JUNCTION BOX

PSHK-30W-24V	CLASS 2	6.5" X 3.6" X 1.02"
PSHK-60W-24V	CLASS 2	7.4" X 3.62" X 1.02"
PSHK-96W-24V	CLASS 2	8.66" X 3.66" X 1.161"
PSHK-150W-24V		10.24" X 4.06" X 1.181"
PSHK-200W-24V		10.24" X 4.06" X 1.181"
PSHK-288W-24V	CLASS 2	11.85" X 4.25" X 1.182"
PSHK-300W-24V		10.24" X 4.25" X 1.181"



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LFO-60 RGBW

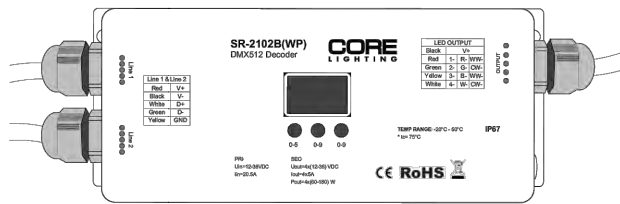
5.8W INDOOR/ OUTDOOR COLOR CHANGING LED STRIP



DMX DECODERS

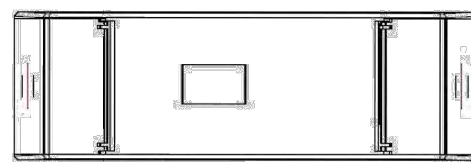
RGB-DMX-4C-WP
4-CHANNEL RGB DMX DECODER

INPUT 12V-36V DC
OUTPUT VOLTAGE 12V-36V DC
OUTPUT AMPS 5A per Channel
OUTPUT CHANNELS 4 Channels
OUTPUT WATTAGE 4 x (167W ~ 333W)
DIMENSIONS LxWxH (7"x3"x1.5")



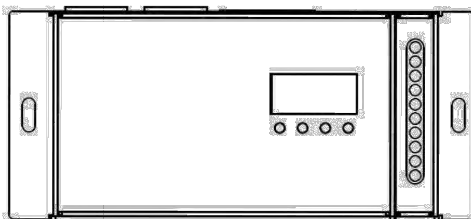
RGB-DMX-4C-RJ45
4-CHANNEL DMX DECODER

INPUT VOLTAGE 12V-24V DC
OUTPUT CURRENT 8A X 4CH
OUTPUT WATTAGE 4 x (96W ~ 288W)
OUTPUT CHANNELS 4
DIMENSIONS LxWxH (7"x1.77"x0.75")



RGB-DMX-5C-XLR
5-CHANNEL DMX DECODER

INPUT VOLTAGE 12V-24V DC
OUTPUT CURRENT 8A X 5CH
OUTPUT WATTAGE 5 x (96W ~ 192W)
OUTPUT CHANNELS 5
DIMENSIONS LxWxH (6.45"x2.87"x1.5")



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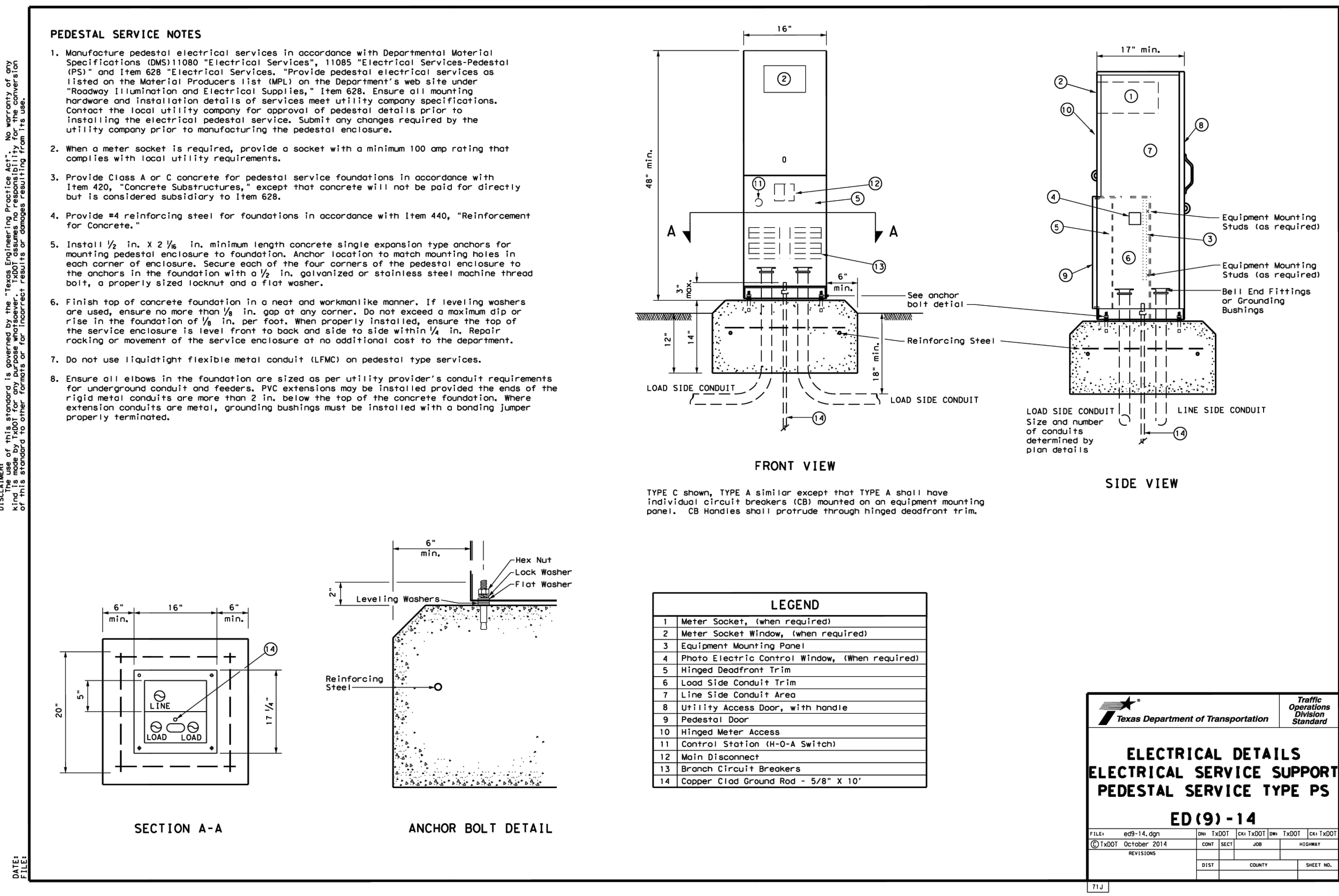
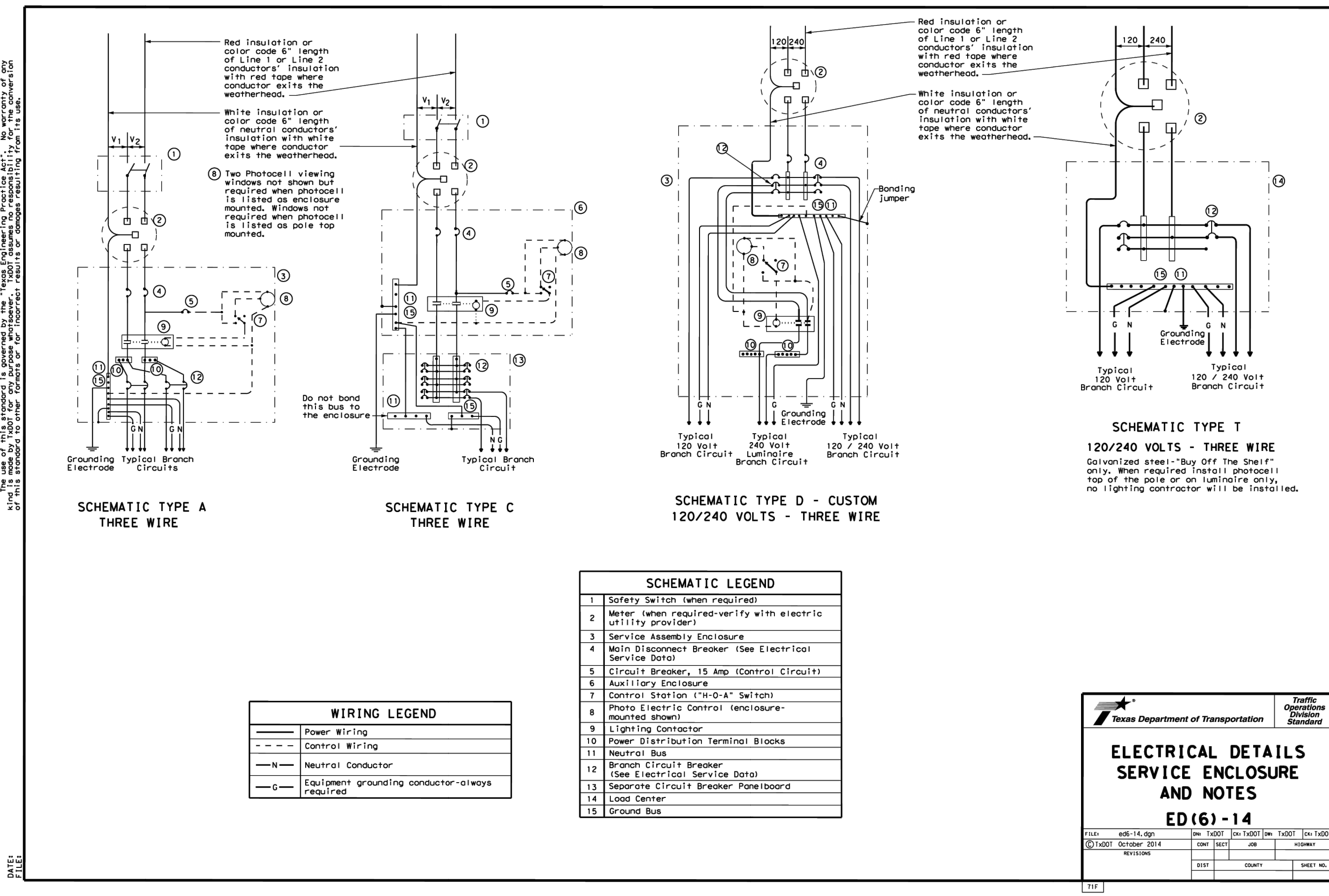
PROJECT	DATE	REVISIONS	BY
KHA PROJECT 063025049	12/30/2024		
SCALE AS SHOWN			
DESIGNED BY CL			
DRAWN BY RK			
CHECKED BY CL			
CITY OF LEWISVILLE OLD TOWN LEWISVILLE GATEWAY			
ILLUMINATION DETAILS			
SHEET NUMBER L3.05			
PROJECT NO. 063025049 / BID NO. XXX-XXX			

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CITY OF LEWISVILLE OLD TOWN LEWISVILLE GATEWAY	ILLUMINATION STANDARDS	SHEET NUMBER L3.07	KHA PROJECT 063025049	DATE 12/30/2024	SCALE AS SHOWN	DESIGNED BY CL	DRAWN BY RK	CHECKED BY CL		
			PROJECT NO. 063025049 / BID NO. XXX-XXX							
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GENERAL NOTES

- ALL NOTES ARE PART OF THE PROJECT REQUIREMENTS BUT ARE NOT INTENDED TO REPLACE THE PROJECT SPECIFICATIONS. IN CASE OF CONFLICTS BETWEEN THE REQUIREMENTS OF THE SPECIFICATIONS AND THESE NOTES, THE MORE STRINGENT REQUIREMENT, AS INDICATED BY THE ENGINEER, SHALL GOVERN.
- THESE DOCUMENTS, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, ARE INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATIONS BY KIMLEY-HORN MUST BE WITHOUT LIABILITY TO KIMLEY-HORN.
- IT IS UNDERSTOOD THAT THE CONSULTANT MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, AS TO FINDINGS, DESIGNS, RECOMMENDATIONS, SPECIFICATIONS, OPINION, OR PROFESSIONAL ADVICE, EXCEPT THAT THESE INSTRUMENTS OF SERVICE HAVE BEEN PREPARED IN ACCORDANCE WITH THE CURRENT GENERALLY ACCEPTED PROFESSIONAL ENGINEER PRACTICES.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SAFETY AND CONSTRUCTION PROCEDURES.
- SEE LANDSCAPE SHEETS FOR THE LOCATION OF STRUCTURAL ELEMENTS, SITE FEATURES, UNDERGROUND UTILITIES AND SITE WORK LOCATIONS. VERIFY LOCATIONS FOR ALL UNDERGROUND UTILITIES BEFORE PROCEEDING WITH FOUNDATION EXCAVATION. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL FRANCHISE AND CITY UTILITIES PRIOR TO CONSTRUCTION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITY LINES FROM ALL DAMAGE THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL PROTECT THE WORK, ADJACENT PROPERTY, AND THE PUBLIC.
- NOTIFY THE ENGINEER IMMEDIATELY OF ANY EXISTING FOUNDATION CONDITIONS OR DETAILS THAT ARE IN CONFLICT WITH THOSE INDICATED AND SHOWN IN THE DRAWINGS.
- ALL NON-STRUCTURAL ELEMENTS INDICATED ON THE STRUCTURAL DRAWINGS HAVE BEEN SHOWN IN GENERAL TO THE RELATIONSHIP TO THE STRUCTURAL ELEMENTS ONLY. ACCORDINGLY, THEY MUST NOT BE ASSUMED TO BE ACCURATE AND REFERENCE MUST BE MADE TO THE APPROPRIATE CONSULTANT(S), PLANS, AND SPECIFICATIONS.

DIMENSIONS

- BEFORE STARTING WORK, CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER OF RECORD.
- THE CONTRACTOR MUST REFER TO THE ENGINEER OF RECORD FOR THEIR INSTRUCTIONS FOR ANY DIMENSION NOT GIVEN ON OR OBTAINABLE FROM THE CONSTRUCTION DRAWINGS. THE CONTRACTOR MUST NOT USE SCALE TO OBTAIN OR VERIFY ANY DIMENSION SHOWN ON THE CONSTRUCTION DRAWINGS.

FOUNDATIONS AND EARTHWORK

- THE GEOTECHNICAL INVESTIGATION AND STRUCTURE DESIGN IS BASED UPON SOILS REPORT PROJECT NUMBER DE24-121 DATED OCTOBER 24, 2024 BY ALLIANCE GEOTECHNICAL GROUP, INC.
- ALL FOUNDATIONS, EARTHWORK, EXCAVATION, BACKFILL, AND SUBGRADE DRAINAGE SHALL BE SUBJECT TO OBSERVATION BY GEOTECHNICAL ENGINEER, DESIGNATED BY CONTRACTOR, WHOSE APPROVAL IS REQUIRED PRIOR TO PLACEMENT OF CONCRETE FOUNDATIONS. COORDINATE SCHEDULES TO FACILITATE OBSERVATION.

CONCRETE AND RELATED ITEMS

- ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS, AND BRIDGES, 2024 EDITION AND THE 2017 EDITION OF THE PUBLIC WORKS CONSTRUCTION STANDARDS - NORTH CENTRAL TEXAS BY THE NORTH CENTRAL TEXAS COUNCIL AND GOVERNMENTS ("NCTCOG SPECIFICATIONS").
- LOCATION OF ALL JOINTS SHALL BE AS SHOWN.
- CONCRETE MIX DESIGN SHALL BE IN ACCORDANCE WITH TXDOT ITEM 421, HYDRAULIC CEMENT CONCRETE. PROVIDE CONCRETE CLASS 'C' (f'c= 3,600 PSI). ALL MIX DESIGNS SHALL BE SUBMITTED FOR APPROVAL.
- ALL REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 IN ACCORDANCE WITH TXDOT ITEM 440, REINFORCEMENT FOR CONCRETE. SUBMIT CERTIFICATION FOR ALL REINFORCING STEEL.
- MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE 2" UNLESS NOTED OTHERWISE. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH SHALL HAVE A MINIMUM CONCRETE COVER OF 3".
- CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING AND BRACING ALL WORK INCLUDING THE PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING STRUCTURES AND UTILITIES PRIOR TO THE START OF CONSTRUCTION.
- ALL CONTINUOUS BARS SHALL HAVE CLASS "B" TENSION LAP SPLICES IN ACCORDANCE WITH TXDOT ITEM 440, REINFORCEMENT FOR CONCRETE.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS AND SHALL NOTIFY ENGINEER IF ANY DISCREPANCIES ENCOUNTER.
- ALL NON-SHRINK GROUT SHALL HAVE A MINIMUM 28 DAYS COMPRESSIVE STRENGTH OF 5,000 PSI, AND SHALL COMPLY THE REQUIREMENTS OF ASTM C109, ASTM C939, ASTM C1090, AND ASTM C1107, WHEN APPLICABLE.
- ACI STANDARD HOOKS MUST BE USED UNLESS OTHERWISE NOTED, RE: TABLE 1 ON THIS SHEET.
- DRILLED SHAFT CONSTRUCTION SHALL BE IN ACCORDANCE WITH TXDOT STANDARDS AND RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL ENGINEERING REPORT.
- CONTRACTOR SHALL REVIEW THE GEOTECHNICAL ENGINEERING REPORT FOR THE REQUIREMENTS REGARDING CASING AND TEMPORARY CASING.

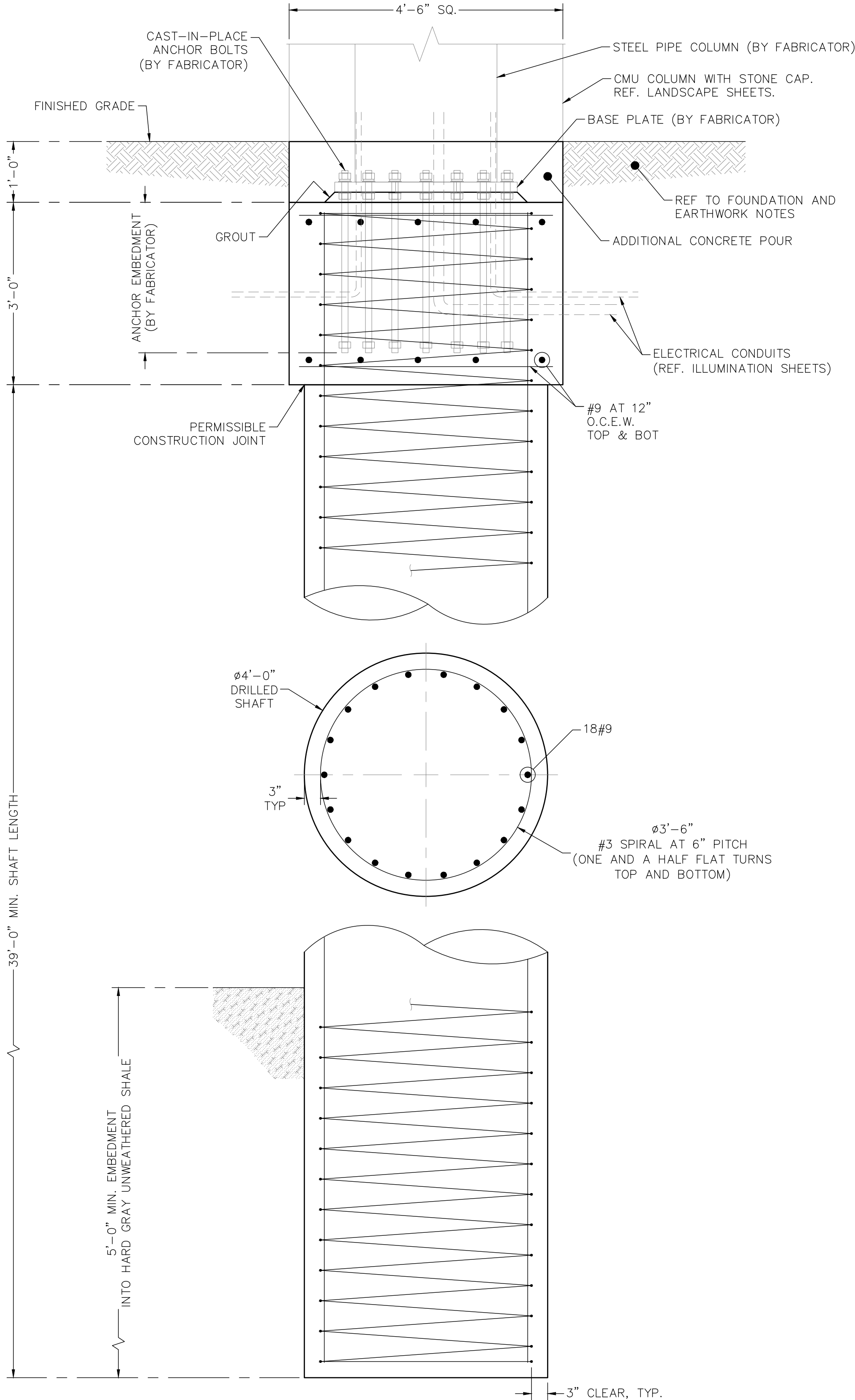


TABLE 1 - HOOK AND LAP SPLICE LENGTHS		
BAR SIZE	HOOK LENGTH	SPLICE LENGTH
#3	0'-6"	2'-0"
#4	0'-9"	2'-9"
#5	1'-0"	3'-5"
#6	1'-4"	4'-1"
#8	2'-0"	6'-9"
#9	2'-6"	7'-7"

BY

DATE

REVISIONS

No.

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PHONE: 214-617-0535
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12/30/2024

STATE OF TEXAS

MARCO PEREZ

152470

PROFESSIONAL ENGINEER

KHA PROJECT

063025049

DATE

11/22/2024

SCALE

AS SHOWN

DESIGNED BY

MP

DRAWN BY

AZK

CHECKED BY

BCS

CITY OF LEWISVILLE

OLD TOWN

LEWISVILLE GATEWAY

GATEWAY MONUMENT

FOUNDATION DETAILS

SHEET 1 OF 2

SHEET NUMBER

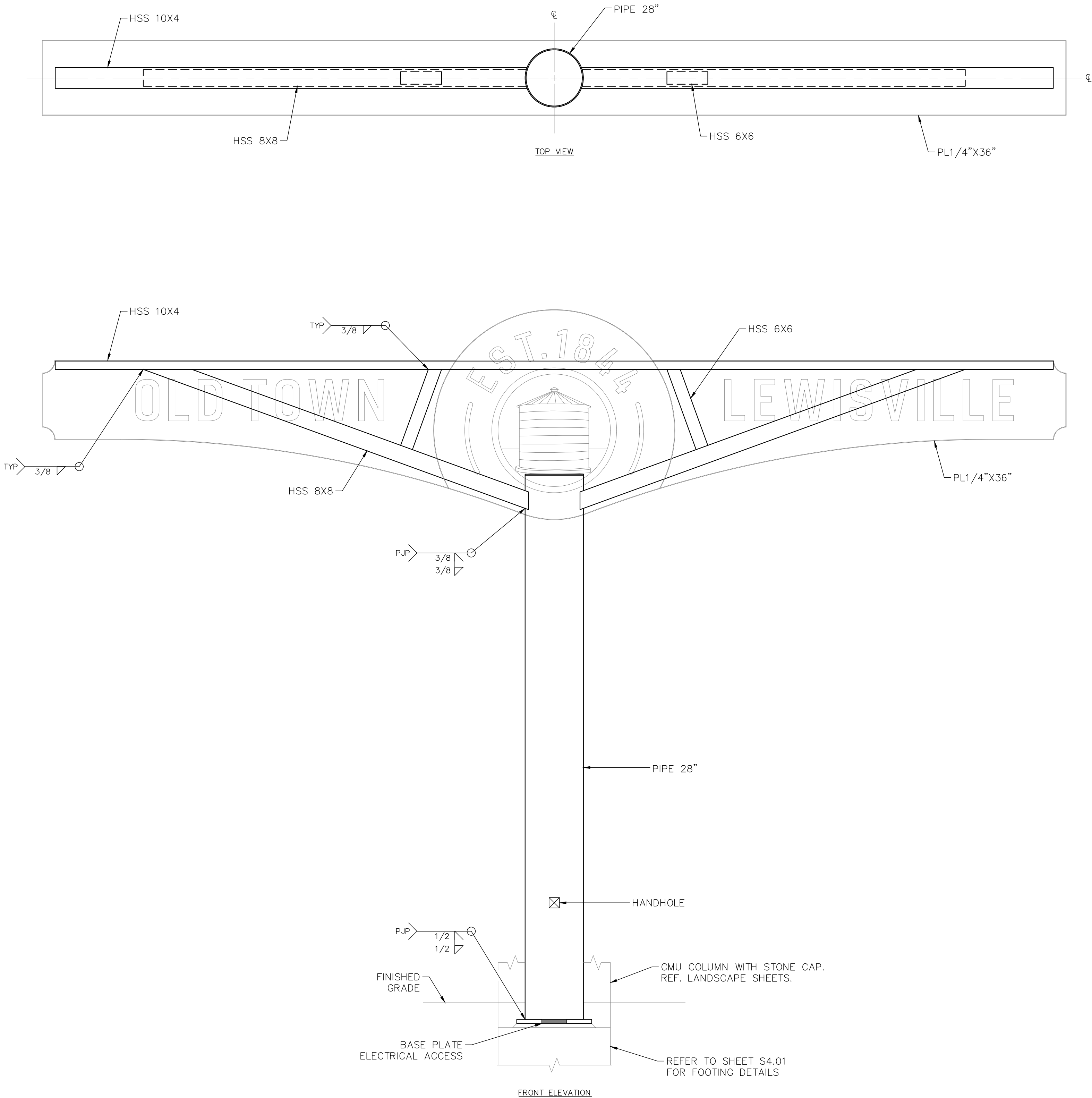
S4.01

PROJECT NO. 063025049 / BID NO. XXX-XXX

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STRUCTURAL NOTES:

1. REFERENCES TO TXDOT SHALL BE THE TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS, AND BRIDGES, 2024 EDITION.
2. DESIGN OF THE GATEWAY MONUMENT AND ANY ASSOCIATED WELDS AND CONNECTIONS ARE PROVIDED BY THE MANUFACTURER AND ARE NOT RESPONSIBILITY OF KIMLEY-HORN AND ASSOCIATES.
3. ALL STEEL SHALL BE IN ACCORDANCE WITH TXDOT ITEM 441, STEEL STRUCTURES.
4. ALL STEEL SECTIONS SHALL CONFORM TO ASTM A500 GR. C OR ASTM A53 GR. B.
5. ALL PLATES SHALL CONFORM TO ASTM A572 GR. 50.
6. CONTRACTOR RESPONSIBLE TO FIELD VERIFY INSTALLATION TOLERANCES ARE MET PRIOR TO INSTALLING ANCHOR BOLTS.
7. CONTRACTOR SHALL UTILIZE A TEMPLATE FOR ANCHOR BOLTS LAYOUT AND HOLE LOCATION.
8. STEEL SIGN AND FRAME SHALL BE DESIGNED BY FABRICATOR TO DISTRIBUTE ALL LOADS TO THE EXTERIOR CONNECTIONS DETAILED ON THESE PLANS. KIMLEY-HORN IS NOT RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THE STEEL SIGN AND FRAME ITSELF.
9. ALL HIGH STRENGTH BOLTS SHALL COMPLY WITH ASTM F3125 GR. A325 TYPE 1. ALL NUTS SHALL COMPLY WITH ASTM A563DH, AND WASHERS SHALL COMPLY WITH F436. ALL STRUCTURAL BOLTS, NUTS, AND WASHERS SHALL BE HOT-DIPPED GALVANIZED.
10. ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION.
11. STEEL DESIGN FOR BASE PLATE IS IN ACCORDANCE WITH THE LATEST EDITION OF AISC AND AWS.
12. ALL WELDS SHALL BE MADE BY CERTIFIED WELDERS AND SHALL BE SHOP WELDED.
13. ALL MATERIAL FOR THIS PROJECT SHALL BE GALVANIZED IN ACCORDANCE WITH TXDOT ITEM 455. ALL GALVANIZING SHALL BE IN ACCORDANCE WITH ASTM A 123. ALL FIELD REPAIR SHALL BE ZINC-BASED BAR SOLDER IN ACCORDANCE WITH TXDOT ITEM 445.3.D.1.A AND ASTM A780-09.
14. THE CONTRACTOR SHALL ENSURE THAT STEEL CONNECTIONS ARE POSITIONED TO FACILITATE THE EFFICIENT TRANSPORTATION OF THE STRUCTURE'S INDIVIDUAL COMPONENTS.
15. REFER TO LANDSCAPE PLANS FOR THE ARCHITECTURAL DETAILS AND REQUIREMENTS OF THE GATEWAY MONUMENT.
16. REFER TO ILLUMINATION PLANS FOR THE GATEWAY MONUMENT'S ELECTRICAL DETAILS AND REQUIREMENTS, INCLUDING INTERNAL WIRING. THE CONTRACTOR SHALL ENSURE THAT THE STEEL STRUCTURE PROVIDES A CLEAR PATH FOR ELECTRIC WIRING.
17. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FROM A LICENSED FABRICATION ENGINEER (TEXAS) FOR REVIEW TO THE PROJECT ENGINEER AND CITY.
18. ALL METAL SHALL BE POWDER COATED, PAINTED "TRAFFIC BLACK" COLOR, AND DELIVERED TO SITE.



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S4.02 GATEWAY MONUMENT STRUCTURAL DETAIL
SCALE: 3/8" = 1'-0"

KHA PROJECT 063025049	DATE 11/22/2024	SCALE AS SHOWN	DESIGNED BY MP	DRAWN BY AZK	CHECKED BY BCS	12/30/2024		 © 2024 KIMLEY-HORN AND ASSOCIATES, INC. 2800 NORTH CENTRAL EXPRESSWAY SUITE 400, RICHARDSON, TX 75080 PHONE: 214-617-0635 WWW.KIMLEY-HORN.COM	No.	REVISIONS	DATE	BY
GATEWAY MONUMENT STRUCTURAL DETAILS SHEET 2 OF 2									PROJECT NO. 063025049 / BID NO. XXX-XXX			
CITY OF LEWISVILLE OLD TOWN LEWISVILLE GATEWAY									S4.02			