

December 1, 2025

Barry Shelton Assistant City Manager City of McKinney 401 E. Virginia St. McKinney, TX 75069

RE: PROFESSIONAL FIRE PROTECTION ENGINEERING SERVICES MCKINNEY DOWNTOWN FIRE SPRINKLER PROJECT

Fire Sprinkler System Schematic Design

RFPE: P2025221

WHEREAS: This Professional Services Agreement is made and entered into between <u>City of McKinney</u> hereinafter referred to as "Client" and REED FIRE PROTECTION ENGINEERING, LLC (RFPE), a Texas limited liability corporation, 4201 Spring Valley Road, Suite 570, Dallas, Texas 75244, hereinafter referred to as "Engineer".

We are pleased to present this proposal for providing fire protection engineering basic services in connection with the above-referenced project. Our proposed Basic Services scope of services and associated fees are as follows:

I. Basic Services

A. SCHEMATIC DESIGN PHASE

It is our understanding that the City of McKinney wishes to protect Nine (9) Historic Buildings in downtown McKinney, Texas with fire sprinkler systems. The City of McKinney provided an Excel Spreadsheet which provided the data utilized for this proposal. Each building or potions thereof are privately owned. The existing buildings vary in occupancy, use, size, and height. The combined total square footage of project based on the data provided is 496,272sf. As of October 2025, there are 104 individual existing spaces are contemplated as part of this proposal. This proposal is limited to the following scope. Please see the attached information.

- 1. Block ID A1: 37,082SF
- 2. Block ID A2: 79,833SF
- 3. Block ID A3: 35,162SF
- 4. Block ID B1: 65,704SF
- 5. Block ID B3: 61,482SF
- 6. Block ID C1: 58,092SF
- 7. Block ID C2: 63,726SF
- 8. Block ID C3: 60,205SF
- 9. Block ID D2: 34,986SF

Total: 496,272SF

There are no existing AutoCAD as-built drawings for the existing buildings/spaces.

Reed Fire Protection Engineering understands that the City of McKinney requires as-built AutoCAD plan documentation for Nine (9) Historic Buildings which are approximately 496,272 sf for the purposes of fire sprinkler schematic design basic services as indicated below. In total, there are 104 spaces that will require asbuilt drawings. Most of the spaces are currently occupied and will require coordination and access to collect field data. The following Basic Services - Tasks are contemplated:

Task 1 — As-built documentation Data Collection

- 1. As-built documentation Data Collection and data processing:
 - a. Coordinate with clients for access to 104 separate spaces to collect *LiDAR data*. LiDAR documentation and drawings will be performed by a subconsultant; Halff.
 - b. LiDAR data will be collected and sent to Halff's office for processing on regular basis during the survey period.
 - c. RFPE to assist in coordinating with city to collect LiDAR data.
 - d. RFPE to perform survey of fire sprinkler riser locations, underground civil drawings, and associated information to determine sprinkler riser locations. Document existing sprinkler system riser locations.
 - e. Please note that this proposal is based on unimpeded access to all rooms and spaces for survey and to perform LiDAR scans. If access is denied, additional service, hourly rates and expenses will be applied until access is regained and work can commence. The building as-built AutoCAD drawings are limited to information specifically related to the fire sprinkler riser scope. Please note that this proposal excludes LiDAR scanning and documentation for plumbing, lighting, HVAC, inaccessible spaces (including above ceilings), building exteriors, and site-specific surveys, environmental assessments, other systems/equipment, or features.

Task 2 — As-built documentation

- 1. Creation of as-built AutoCAD plans for each Building:
 - a. RFPE will coordinate specific sequence of buildings to be completed with the City of McKinney.
 - b. Electronic files will be delivered in PDF and AutoCAD formats.
 - c. AutoCAD building drawings will include walls and interface with ceilings.
 - d. Existing riser locations and associated information will be delineated.

Task 3 —Fire Protection Sprinkler Schematic Design

- 1. Review City of McKinney Fire Code and Amendments related to existing downtown buildings fire sprinkler systems (See attached list and addresses).
- 2. Document codes, standards, and requirements for design of fire sprinkler systems in each subject building.
- 3. Review of existing historic downtown buildings to determine the basis of sprinkler design criteria.
- 4. Perform site survey of existing buildings to review possible locations of building sprinkler risers.
 - a. Review the possible required levels of sprinkler coverage.
 - b. Budgetary cost estimates
- 5. Review existing civil engineering drawings to determine access to fire sprinkler underground water supply.
- 6. Review possible fire protection riser locations.
 - a. Propose riser options for each building or multiple connected buildings.
 - b. Provide options for riser locations for review.
- 7. Review main pipe route options for each building or multiple connected buildings.
 - a. Review possible main pipe options for each building or multiple connected buildings.
 - b. Review possible control valve locations allowing buildings or areas to isolate and remain operational during building renovations.
 - c. Scope is limited to sprinkler main. Complete sprinkler design for each subject building is not contemplated in this design phase.
- 8. Produce Schematic Design (SD) fire protection scope documents, drawings, and necessary details.
- 9. Provide budgetary cost estimates for each Building ID.

III. SUMMARY

1. Basic Services Fee

The fee for basic services will be a lump sum as listed below, *including reimbursable expenses*. The fee for basic services does not include additional services described in this proposal. Invoices will be issued monthly based on project progress, with payment due Net 30 days.

BASIC SERVICES		FEE
Task 1 - As-Built Documentation Data Collection		\$ 125,450.65
Task 2 - As-Built Documentation AutoCAD Creation		\$ 101,282.00
Task 3 - Fire Sprinkler Schematic Design		\$ 194,042.35
Task 3 Block ID - A1: 37,082SF	\$ 14,499.06	
Task 3 Block ID - A2: 79,833SF	\$ 31,214.70	
Task 3 Block ID - A3: 35,162SF	\$ 13,748.34	
Task 3 Block ID - B1: 65,704SF	\$ 25,690.26	
Task 3 Block ID - B3: 61,482SF	\$ 24,039.46	
Task 3 Block ID - C1: 58,092SF	\$ 22,713.97	
Task 3 Block ID - C2: 63,726SF	\$ 24,916.87	
Task 3 Block ID - C3: 60,205SF	\$ 23,540.16	
Task 3 Block ID - D2: 34,986SF	\$ 13,679.53	
TOTAL FEE		\$ 420,775.00

Services not listed in Basic Services above are specifically excluded from the scope of RFPE services.

2. Additional Services

Additional services required by the client which arise, and are not outlined above, are to be compensated on an hourly basis or negotiated on a sum fee plus expenses.

Des	cription	Units	Proposed Rate
Per	sonnel		
1	Principal	Per Hour	\$ 325.00
2	Project Manager	Per Hour	\$ 295.00
3	Senior Designer/Life Safety Consultant	Per Hour	\$ 275.00
4	Fire Protection Graduate Engineer / EIT	Per Hour	\$ 250.00
5	Fire Protection Designer	Per Hour	\$ 195.00
6	Clerical	Per Hour	\$ 105.00

3. Estimated Schedule

TASK	ANTICIPATED SCHEDULE	ESTIMATED DAYS
Task 1 - As-Built Documentation Data Collection	Block ID – A1: 37,082SF	8
	Block ID - A2: 79,833SF	10
	Block ID - A3: 35,162SF	8
	Block ID – B1: 65,704SF	10
	Block ID – B3: 61,482SF	10
	Block ID - C1: 58,092SF	8
	Block ID - C2: 63,726SF	8
	Block ID - C3: 60,205SF	8
	Block ID - D2: 34,986SF	8
	Task 1 - TOTAL	78
	Task 1 - TOTAL	78

Task 1 - 2 - 3	ESTIMATED TOTAL DAYS	286
	Task 3-TOTAL	135
	Block ID - D2: 34,986SF	10
	Block ID - C3: 60,205SF	15
	Block ID - C2: 63,726SF	20
	Block ID - C1: 58,092SF	15
	Block ID - B3: 61,482SF	15
	Block ID - B1: 65,704SF	20
	Block ID - A3: 35,162SF	10
	Block ID - A2: 79,833SF	20
Task 3 - Fire Sprinkler Schematic Design	Block ID - A1: 37,082SF	10
	THORE TO THE	70
	Task 2 -TOTAL	73
	Block ID - D2: 34,986SF	5
	Block ID - C3: 60,205SF	8
	Block ID - C1: 58,092SF Block ID - C2: 63,726SF	8
	Block ID - B3: 61,482SF	8
	Block ID - B1: 65,704SF	10
	Block ID - A3: 35,162SF	8
	Block ID - A2: 79,833SF	10
Task 2 - As-Built Documentation AutoCAD Creation	Block ID – A1: 37,082SF	8

IV. COMPENSATION

*Schedule is estimated and subject to change

Basis of Compensation

Reed Fire Engineering's compensation for the above services is a lump sum in the amount(s) stated in Section III above for the services identified in Basic Services and Task(s). This budget does not include applicable sales tax on services. If this budget figure is exceeded, Reed Fire Protection Engineering may request modification of this Agreement. Services not listed in Basic Services above are specifically excluded from the scope of RFPE services. RFPE assumes no responsibility to perform services not listed in Basic Services above. Progress payments will be invoiced monthly. Outstanding balances are due 30 days from receipt of invoice.

Reed Fire Protection Engineering is honored to partner with the City of McKinney in the crucial effort to preserve and safeguard its Historic Downtown.

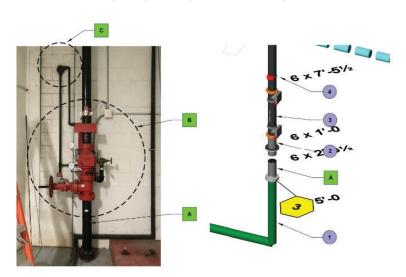


ED Place	ID 000 14 4	dhe	oitus suu	nitre of	o oitre et t	oit	2 citus city lait.	tot citus	living are later	ion
FD_Block	ID geo_id_1 R-0856-002-015A-1	dba_name HARRISON & HULL	situs_num 112	situs_str	e situs_st_1 VIRGINIA	PKWY	2 situs_city situs_s MCKINNEY TX	75069	3284	1
	R-0856-002-017A-1	BEVCAP MANAGEMENT LLC	120	W	VIRGINIA	ST	MCKINNEY TX	75069	6400	2
	R-0856-002-013B-1 R-0856-002-010D-1	TYLER KINGSTON MERCANTILE COURTYARD	104/106	W	VIRGINIA HERNDON	ST	MCKINNEY TX MCKINNEY TX	75069 75069	1280	0
	R-0856-002-014B-1	COURTYARD		W	HERNDON	ST	MCKINNEY TX	75069	0	0
	R-0856-002-0160-1 R-0856-002-014A-1	PARKING LOT PARKING LOT	112	W	HERNDON VIRGINIA	ST	MCKINNEY TX MCKINNEY TX	75069 75069	0	0
	R-0856-002-014C-1	APRICOT LANE	110	W	VIRGINIA	ST	MCKINNEY TX	75069	3256	2
	R-0856-002-017B-1 R-0856-002-013A-1	CAPEL & CO REAL ESTATE STONEWOOD CREATIONS	114	W	VIRGINIA VIRGINIA	ST	MCKINNEY TX MCKINNEY TX	75069 75069	2156	<u>1</u>
	R-0856-002-010A-1	HARVEST / 3 STORY	215/217	N	KENTUCKY	ST	MCKINNEY TX	75069	9738	1
	R-0856-002-010C-1	MCKINNEY HAT CO	213	N	KENTUCKY	ST	MCKINNEY TX MCKINNEY TX	75069	1200	1
	R-0856-002-012B-1 R-0856-002-012C-1	MIRUKU CREAMERY PETALS & VINES	207 205 A/B	N N	KENTUCKY	ST	MCKINNEY TX	75069 75069	1690	1
	R-0856-002-013C-1	BIRDS & WORDS/CASA BENEDETTA	100	W	VIRGINIA	ST	MCKINNEY TX	75069	2510	1
	R-0856-002-011C-1 R-0856-003-018A-1	TRAVIS USSERY/WALLS OF CLAY SQUARE BURGER	209	N N	KENTUCKY	ST	MCKINNEY TX	75069 75069	2376 5440	1
	R-0856-003-018B-1	LIFE & STYLE/ROCKIN AB	113	N	KENTUCKY	ST	MCKINNEY TX	75069	12968	2
	R-0856-003-025A-1 R-0856-003-024B-1	MULTIPLE DEVILED EGG CO	119 111	W	VIRGINIA VIRGINIA	ST	MCKINNEY TX MCKINNEY TX	75069 75069	12425 912	3
	R-0856-003-022A-1	LANDON WINERY	103	N	KENTUCKY	ST	MCKINNEY TX	75069	7736	2
	R-0856-003-026A-1	PRO REL SOCCER SHOP	120	W	LOUISIANA	ST	MCKINNEY TX	75069	1700	1
	R-0856-003-026B-1 R-0856-003-020C-1	THE GRAND HOTEL RICKS CHOPHOUSE/ GELATO CAFE/ GRAND HOTEL	114/116 107	W N	LOUISIANA KENTUCKY	ST	MCKINNEY TX MCKINNEY TX	75069 75069	16000 19760	2
	R-0856-003-024A-1	ART STUDIO	115	W	VIRGINIA	ST	MCKINNEY TX	75069	1600	1
	R-0856-003-020B-1 R-0856-004-031A-1	TWO SKILLETS MCKINNEY KNITTERY/DOWNTOWN DRY GOODS	109	W	I OUISIANA	ST	MCKINNEY TX MCKINNEY TX	75069 75069	1292 3700	1
	R-0856-004-027A-1	LAST ART GALLERY	103/105	W	LOUISIANA	ST	MCKINNEY TX	75069	7992	2
	R-0856-004-029C-1	CADILLAC PIZZA	112	S W	KENTUCKY	ST	MCKINNEY TX	75069	2000	1
	R-0856-004-033A-1 R-0856-004-027B-1	RAYFIELD SALON HOMEOLOGY	101	W	LOUISIANA	ST	MCKINNEY TX MCKINNEY TX	75069 75069	3615 10347	2
	R-0856-004-031B-1	THE STANDARD MCKINNEY	107/111/115	W	LOUISIANA	ST	MCKINNEY TX	75069	7508	2
	R-0856-004-030A-1 R-0856-001-009A-1	BALAYAGE BAR	216	S N	KENTUCKY	ST	MCKINNEY TX MCKINNEY TX	75069 75069	1890	1
	R-0856-001-009B-1	HABITAT PLANTS & COFFEE/WHITE ROCK SOAP GALLERY	214	N	KENTUCKY	ST	MCKINNEY TX	75069	3420	1
	R-0856-001-001B-1 R-0856-001-004A-1	BARRONS THE RITZ	115 103	E	VIRGINIA VIRGINIA	ST ST	MCKINNEY TX MCKINNEY TX	75069 75069	7200 18606	3
	R-0856-001-004A-1 R-0856-001-004B-1	RED HEN/THE ART SHOP	103	E	VIRGINIA	ST	MCKINNEY TX	75069	3160	2
	R-0856-001-0080-1	LOCAL YOCAL	213	N	TENNESSEE	ST	MCKINNEY TX	75069	4620	1
	R-0856-001-002A-1 R-0856-001-007E-1	LAYERED	111	E	VIRGINIA	ST	MCKINNEY TX	75069	5000	2
	R-12264-000-2070-1	NATIVE	207	N	TENNESSEE	ST	MCKINNEY TX	75069	2872	2
	R-0856-001-007D-1	CVAITUR FLUOT	107	-	VIDCINIA	ST	MOKINIEK TV	75069	0	0
	R-0856-001-003A-1 R-0856-001-001A-1	CYNTHIA ELLIOT MAIMEE LOU	113	E	VIRGINIA VIRGINIA	ST	MCKINNEY TX MCKINNEY TX	75069	4560	2
	R-0856-001-003B-1	SHARLA'S	109	E	VIRGINIA	ST	MCKINNEY TX	75069	4862	2
	R-0856-001-007C-1 R-12264-000-2095-1	LAURA TYE PHOTOGRAPHY/TYE REALTY GROUP/FANCY SHOP	209 1/2	N	TENNESSEE	ST	MCKINNEY TX	75069	4238	3
	R-12264-000-2110-1	THE MAGIC NEEDLE	211	N	TENNESSEE	ST	MCKINNEY TX	75069	2241	2
	R-0856-005-042A-1 R-0856-005-040D-1	OLD COLLIN COUNTY PRISON SPICE & TEA	115	S	KENTUCKY	ST	MCKINNEY TX MCKINNEY TX	75069 75069	6000 1120	2
	R-0856-005-038A-1	CENTRO ON THE SQUARE	112	E	LOUISIANA	ST	MCKINNEY TX	75069	7000	2
	R-0856-005-035B-1	UPTOWN	102	E	LOUISIANA	ST	MCKINNEY TX	75069	9400	2
	R-0856-005-043C-1 R-0856-005-038B-1	*2024- VACANT REMODELING* ARABELLAS	114/116	S	TENNESSEE LOUISIANA	ST	MCKINNEY TX MCKINNEY TX	75069 75069	1890 9197	1
	R-0856-005-040E-1	VACANT	112	S	TENNESSEE	ST	MCKINNEY TX	75069	460	1
	R-0856-005-035A-1 R-0856-005-043D-1	SPOONS TATE ACCIDENT LAW	100	E	LOUISIANA TENNESSEE	ST	MCKINNEY TX MCKINNEY TX	75069 75069	9185 1350	2
	R-0856-005-0370-1	BALISE SALON	110	E	LOUISIANA	ST	MCKINNEY TX	75069	15880	3
	R-0856-008-061B-1	HOMEPIECES/LITTLES	203	E	VIRGINIA	ST	MCKINNEY TX	75069	5913	2
	R-0856-008-063A-1 R-0856-008-064A-1	CITY OF MCKINNEY UTILITY BLDG CITY OF MCKINNEY	210 216	N N	TENNESSEE TENNESSEE	ST	MCKINNEY TX MCKINNEY TX	75069 75069	16898 1560	2
	R-0856-008-065F-1	GATHER	207	Ē	VIRGINIA	ST	MCKINNEY TX	75069	9000	2
	R-0856-008-065E-1	ANTIQUE MALL	213	E	VIRGINIA VIRGINIA	ST ST	MCKINNEY TX MCKINNEY TX	75069 75069	15572 5149	2
	R-0856-008-061A-1 R-0856-008-061C-1	WILLOW HOUSE COCKTAIL CREAMERY	205	E	VIRGINIA	ST	MCKINNEY TX	75069	4000	2
	R-0856-007-059C-1	THE BEARMARKET	217	E	LOUISIANA	ST	MCKINNEY TX	75069	3680	2
	R-0856-007-057C-1 R-0856-007-052A-1	LAW OFFICES ORISONS	212 102	L N	VIRGINIA TENNESSEE	ST	MCKINNEY TX MCKINNEY TX	75069 75069	4800 1720	1 2
	R-0856-007-058G-1	THE HOUSE OF GEMS	213	E	LOUISIANA	ST	MCKINNEY TX	75069	4416	2
	R-0856-007-0550-1 R-0856-007-058E-1	AMBROSIA/PATINA GREEN/GOODIES TEXAS THE URBAN LOFT	114/116 209	N	TENNESSEE LOUISIANA	ST	MCKINNEY TX MCKINNEY TX	75069 75069	15598 4364	2
	R-0856-007-058E-1 R-0856-007-060B-1	FONTINA RISTORANTE	216	E	VIRGINIA	ST	MCKINNEY TX	75069	5296	2
	R-0856-007-052C-1	BOHO MOONCHILD APPLE BOULEVARD	207	E	LOUISIANA	ST	MCKINNEY TX MCKINNEY TX	75069	1600	2
	R-0856-007-058F-1 R-0856-007-052B-1	THE CELT	211 100	E N	LOUISIANA TENNESSEE	ST	MCKINNEY TX MCKINNEY TX	75069 75069	4094 3593	2
	R-0856-007-053B-1	ME & MRS JONES	104	N	TENNESSEE	ST	MCKINNEY TX	75069	3200	2
	R-0856-007-054A-1 R-0856-007-053A-1	ROSES & LAVANDA I Y OUTFITTERS	112	N N	TENNESSEE	ST	MCKINNEY TX MCKINNEY TX	75069 75069	3016 4080	2
	R-0856-007-059B-1	MOM & POPCORN	215	E	LOUISIANA	ST	MCKINNEY TX	75069	3840	2
	R-0856-007-057D-1	THE CANINE COOKIE COMPANY	208	E	VIRGINIA JOHNSON	ST	MCKINNEY TX	75069	429	1
	R-0856-006-049A-1 R-0856-006-051B-1	MYCON GENERAL CONTRACTORS VACANT	214	E	LOUISIANA	ST	MCKINNEY TX MCKINNEY TX	75069 75069	12708	3
	R-0856-006-044B-1	THE MENAGERIE	117	S	TENNESSEE	ST	MCKINNEY TX	75069	1089	1
	R-0856-006-045A-1 R-0856-006-048D-1	THE EMPORIUM THE HORSE'S AXE	107 212	E	TENNESSEE LOUISIANA	ST	MCKINNEY TX MCKINNEY TX	75069 75069	2200 5600	2
	R-0856-006-046A-1	DOOZIES CORNER	200	E	LOUISIANA	ST	MCKINNEY TX	75069	4726	2
	R-0856-006-045C-1	RED ZEPPELIN	206	E	LOUISIANA	ST	MCKINNEY TX	75069 75069	5168	2
	R-0856-006-048B-1 R-0856-006-045B-1	NEIGHBOR BOOKS PALACE BARBER SHOP	208	E	LOUISIANA	ST	MCKINNEY TX MCKINNEY TX	75069 75069	15480 3780	1
	R-0856-006-044A-1	THE FOX DEN	113	S	TENNESSEE	ST	MCKINNEY TX	75069	1080	1
	R-0856-006-044C-1 R-0856-006-045D-1	THE MENAGERIE GROOVY COOP	117 109	S	TENNESSEE TENNESSEE	ST	MCKINNEY TX MCKINNEY TX	75069 75069	1356 1440	1
	R-0856-006-045E-1	GROOVY COOP	111	S	TENNESSEE	ST	MCKINNEY TX	75069	1170	1
	R-0856-021-137B-1 R-0856-021-138B-1	DOUG & LYNDAS SKI SHOP DOUG & LYNDAS SKI SHOP	225	E	LOUISIANA	ST	MCKINNEY TX MCKINNEY TX	75069 75069	2250 4500	1
	R-0856-021-135A-1	MY FAVORITE ROOM	218	E	VIRGINIA	ST	MCKINNEY TX	75069	2500	1
	R-0856-021-137C-1	DOUG & LYNDAS SKI SHOP	227	E	LOUISIANA	ST	MCKINNEY TX	75069	4500	1
	R-0856-021-136C-1 R-0856-021-135C-1	PARKING LOT HUGS CAFE/BAY WILLOW DESIGN	222/224	F	VIRGINIA VIRGINIA	ST	MCKINNEY TX MCKINNEY TX	75069 75069	4500	1
	R-0856-021-135B-1	MY FAVORITE ROOM	220	E	VIRGINIA	ST	MCKINNEY TX	75069	2250	1
	R-0856-021-1340-1	MULTIPLE DOUG AND LINDAS PARKING LOT	221	E	LOUISIANA	ST	MCKINNEY TX MCKINNEY TX	75069 75069	14150	2
	R-0856-021-139A-1									

TOTAL SF 496272

Reed Fire Protection Engineering recognizes the unique complexities of working within McKinney's Historic District. We draw upon our deep experience in similar existing, occupied structures, providing illustrative examples of sprinkler riser and main details from past projects below. To ensure project accuracy and efficiency, our firm utilizes industry-standard fire protection design software, ensuring seamless transition from detailed design to the construction phase.

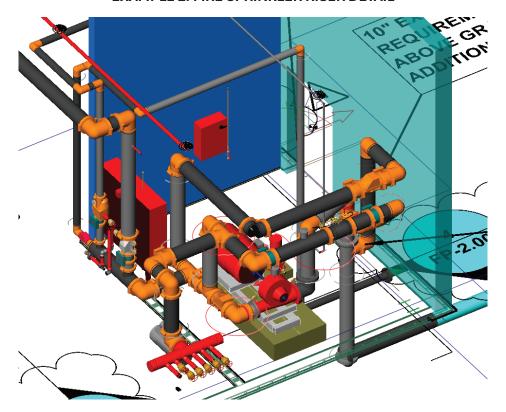
EXAMPLE 1: EXISTING FIRE SPRINKLER RISER DETAIL



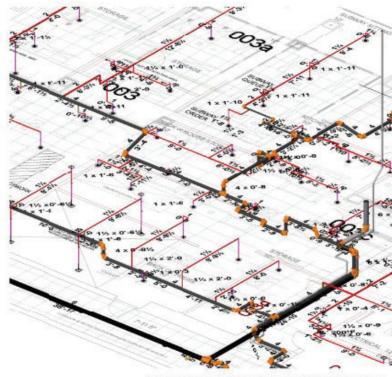


Key Note Size		Description
A	6	Existing Pipe to Remain
В	6	Demo existing 6" Valves, Fittings, Trim, Switches, etc on Bldg. C.
С	NA	Demo existing Water Motor Gong and Replace with New Fire Alarm Horn Strobe wire to existing fire alarm system.
1	6	Existing Underground Fire Line Lead-In to Remain
2	6	New 6" Flanged x Grooved sch. 40 spool piece
3	6	New 6" UL/USC listed Ames Maxim Series 300 with electronically supervised valves. Wire to existing fire alarm system.
4	6	New 6" waterflow switch. Wire to existing fire alarm system. Cut existing sipe to retrofit as needed.

EXAMPLE 2: FIRE SPRINKLER RISER DETAIL



EXAMPLE 3: FIRE SPRINKLER MAIN DETAIL



ISOMETRIC VIEW OF LOWER LEVEL

SCALE: NONE







Lidar Based As-Builts

Your secret weapon for successful renovation and adaptive reuse projects!

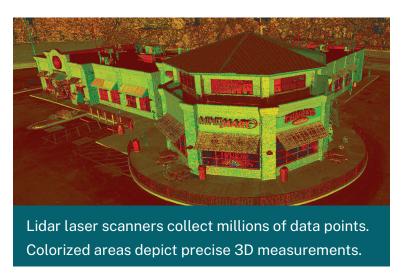
Working Within An Existing Footprint

To work successfully within the limitations of an existing facility, you must first know what the limitations are. Lidar based as-builts provide comprehensive, accurate facility/site data for reliable visualization, planning and design to help you make the most of the available space. Moreover, collaboration is enhanced because all disciplines and project stakeholders can virtually visit the project site from a desktop device.

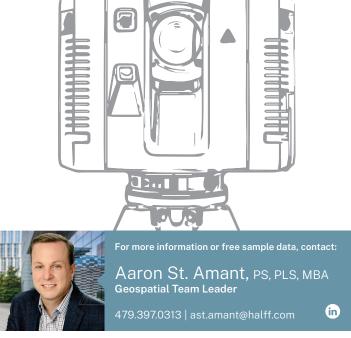
What Can Be Measured?

Anything within the line-of-sight of the scanner, including:

- Interior and exterior architectural details including walls, ceilings, floors, doors, windows, stairwells, millwork, countertops, racks, shelves, plumbing fixtures and lighting fixtures
- MEP elements, HVAC equipment, piping, plumbing, fire and security systems
- Structural details, including columns, beams, bar joists, connection points, plenum spaces and roof tops
- Industrial processing and manufacturing equipment, assets and racking systems
- Parking areas and drives, docking areas, signage, sidewalks, fencing and landscaping













Deliverables

2D CAD plans

- Floor layout and square footage
- Reflected ceiling plans (includes lighting if specified)
- Interior elevations (specified locations)
- Exterior elevations
- Floor deformation analysis
- Roof plans
- HVAC/structural layout above ceiling

3D Models (Revit®)

- Architectural
- Structural
- Mechanical
- Electrical
- Plumbing
- Fire Protection



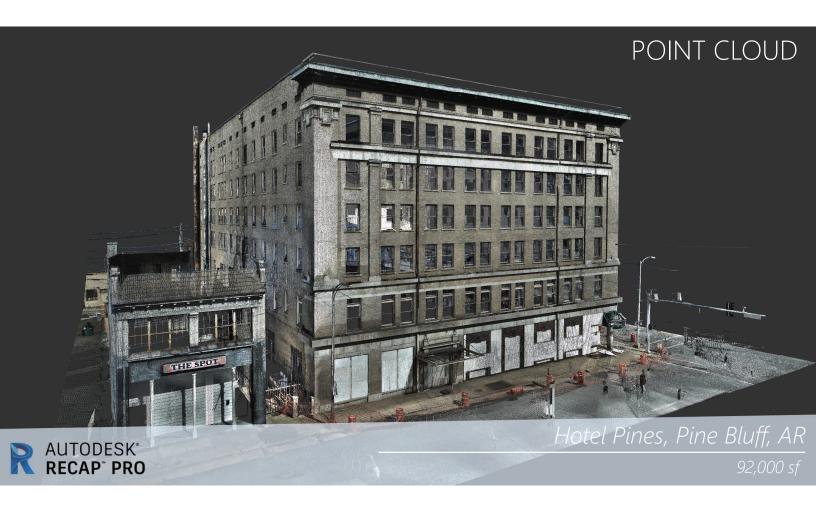


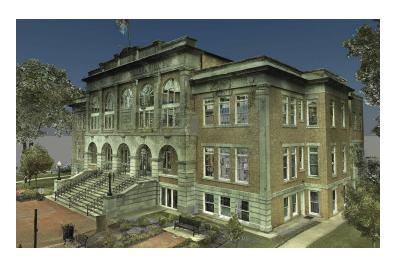
We improve lives and communities by turning ideas into reality.





St. Scholastica Monastery, Fort Smith, AF







Benton County Courthouse, Bentonville, AR
15,500 sf

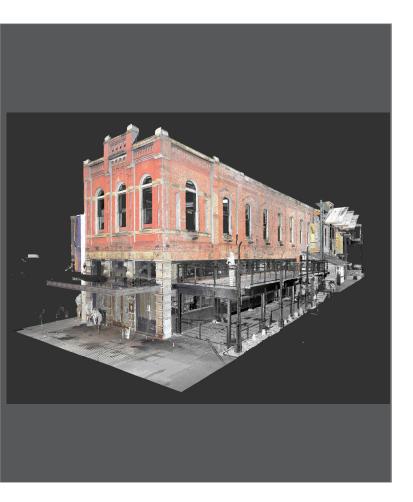
Maple Terrace Apartments, Dallas, TX

421,000 sf





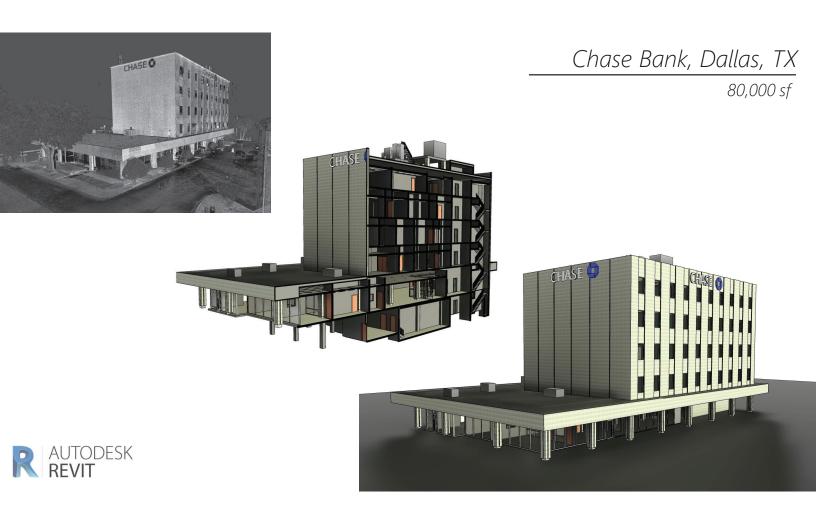


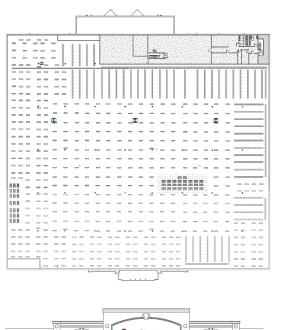




1525 Main Street, Downtown Dallas, TX

4,464 sf















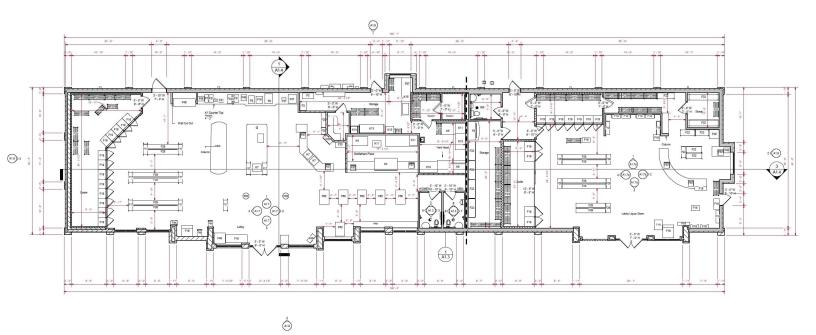




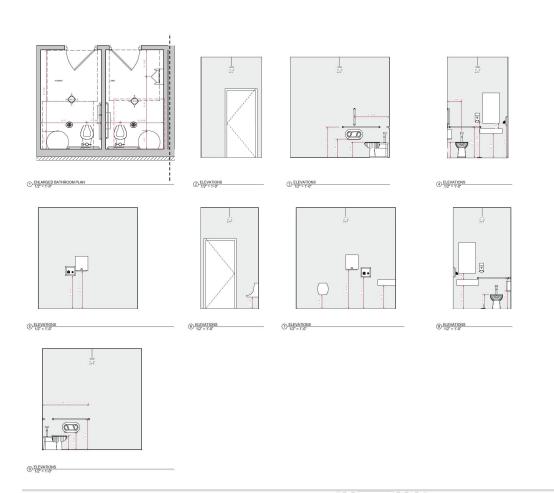
Burlington Coat Factory, Roanoke, VA

250,000 sf





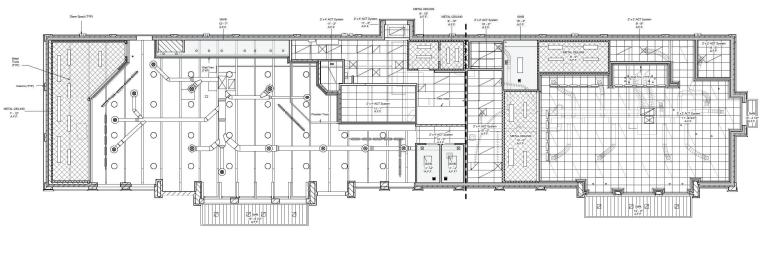
The Point Convenience, Fort Smith, AR 7,000 sf



Oakcrest Market #11 415 Garrison Ave Fort Smith, AR

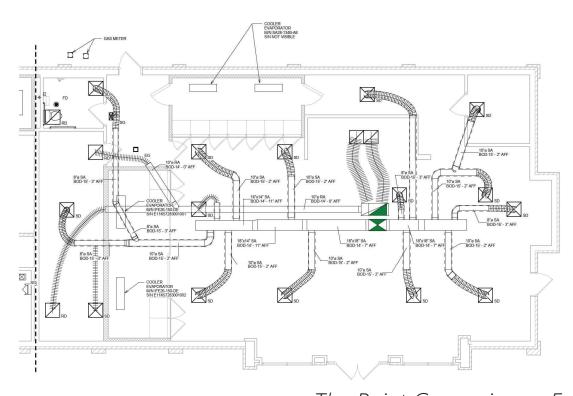
PROJECT: AVO. 0478955 CREATOR: ZH, MA VERIFIED: SS DATE: 05/12/24

BATHROOM ELEVATIONS
A1.3



REFLECTED CEILING PLAN
1/8" = 1'-0"

The Point Convenience, Fort Smith, AR 7,000 sf





The Point Convenience, Fort Smith, AR 7,000 sf

