SHEET LIST:

CONSTRUCTION PLANS FOR:

SHEET NO. PAGE NO. SHEET NAME GENERAL QUANTITIES & GENERAL NOTES G1-01 ABBREVIATIONS AND SYMBOLS G1-02 ARCHITECTURAL A0-01 SITE PLAN A1-01 DEMOLITION FLOOR PLAN FLOOR/CEILING PLAN A1-02 DEMOLITION ROOF PLAN A1-03 ROOF PLAN A1-04 BUILDING ELEVATIONS A2-01 ROOF DETAILS A2-02 SECTION DETAILS A2-03

A2-04

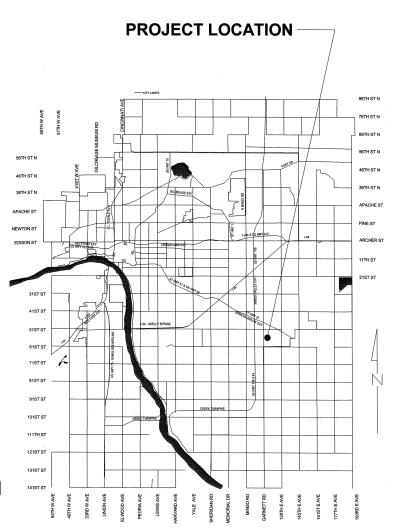
STOREFRONT DETAILS

EXTERIOR RENOVATION WATER DISTRIBUTION SATELLITE OFFICE

5605 SOUTH GARNETT ROAD TULSA, OKLAHOMA

PROJECT NUMBER: SP 22-14 ACCOUNT NO.: 203310017Z_•BUILDINGS.7400

CITY OF TULSA, OK ENGINEERING SERVICES DEPARTMENT



UTILITY COORDINATION:

		NUMBER	NOTIFIED
CIT	Y OF TULSA UTILITY COORDINATOR	918-596-9649	
WA	TER DESIGN	918-596-9566	
WA	STEWATER DESIGN	918-596-9564	
TRA	ANSPORTATION DESIGN	918-596-9636	
TRA	AFFIC ENGINEERING DESIGN	918-596-9741	
STO	ORMWATER DESIGN	918-596-9498	
PS	O/AEP	918-250-6257	
OK	LAHOMA NATURAL GAS COMPANY	918-831-8261	
AT8	&T	918-576-2142	
MC	· .	918-325-0187	
CO	X COMMUNICATIONS	918-286-4716	
EAS	SYTEL COMMUNICATIONS	918-523-8025	
PAI	RKS DEPARTMENT	918-596-2406	
BUI	ILDING MAINTENANCE & OPERATIONS	918-596-9389	
PEI	RMITTING	918-596-9456	
SPI	ECIAL PROJECTS DESIGN	918-596-9512	

Know what's below Call before you dig.

48 HOURS BEFORE YOU DIG... CALL OKIE: 1-800-522-6543

LOCATIONS OF UNDERGROUND UTILITY LINES WERE OBTAINED FROM THE UTILITY OWNERS AND HAVE BEEN SHOWN TO THE EXTENT KNOWN. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS WERE TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS EXACT OR COMPLETE. IT SHALL BE THE CONTRACTIONS RESPONSIBILITY TO CALL "OKIE" 48 HOURS PRIOR TO ANY EXCAVATION TO DETERMINE AND VERIFY THE EXACT LOCATION, AND DEPTH OF ALL EXISTING UTILITIES AND TO NOTITY THE ENGINEER OF ANY DISCREPANCIES HEREIN, PRIOR TO FURTHER CONSTRUCTION.

ARCHITECT:



ARCHITECTURE | CIVIL | STRUCTURAL

C.A. 0049 (ARCH) RENEWAL DATE: 06-30-2025 C.A. 00262 (PE) RENEWAL DATE: 06-30-2024

1623 E. 6TH ST. TULSA, OK 74120 918.835.9588 hammock@bklinc.com

PREPARED BY:

JENNIFER HAMMOCK PROJECT MANAGER BKL, INCORPORATED

PREPARED FOR:

CITY OF TULSA, WATER DISTRIBUTION

BID DOCUMENTS

09/08/2023



Ju Wr

10/10/23

department of city experience director



10.24.2023

ECTOR

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ITEM NO	SPEC SECTION	DESCRIPTION	QUANTITY	UNIT	PAY ITEM NOTES
1		GENERAL REQUIREMENTS	1	EA	GENERAL REQUIREMENTS: GENERAL CONDITIONS AND MISCELLANEOUS DIRECT AND INDIRECT PROJECT COSTS REQUIRED BY THE CONTRACT DOCUMENTS BUT NOT LISTED AS A SPECIFIC UNIT PRICE PAY ITEM IN THE PROPOSAL. INCLUDES, BUT IS NOT LIMITED TO: GENERAL CONDITIONS COVERING MISCELLANEOUS NON-STAFFING COSTS DIRECTLY RELATED TO THE PROJECT, SUCH AS JOB TRAILER, MOBILIZATION, PERMIT FEES (OTHER THAN BUILDING PERMIT PROVIDED BY CITY OF TULSA), TEMPORARY UTILITIES, PERMANENT UTILITY CONNECTION FEES, BARRIERS, SCAFFOLDING, EQUIPMENT RENTAL, CLEANING AND DUMPSTERS, ETC. EACH UNIT PRICE WILL BE DEEMED TO INCLUDE AN AMOUNT CONSIDERED BY THE CONTRACTOR TO BE ADEQUATE TO COVER CONTRACTOR'S OVERHEAD AND PROFIT FOR EACH SEPARATELY IDENTIFIED ITEM.
2	12100	OWNERS ALLOWANCE	1	ALLOW	ALLOWANCE FOR UNFORESEEN CONDITIONS REQUIRING ADDITIONAL WORK NOT IN THE CONTRACT DOCUMENTS, USED ONLY AT THE DISCRETION OF THE OWNER, IN STRICT ACCORDANCE WITH THE REFERENCED SPECIFICATION SECTION
3	024119	REMOVAL OF CONCRETE PAVEMENT	105	SF	DEMOLITION OF EXISTING SIDEWALK TO PREPARE FOR NEW DRAINAGE WORK
4	024119	REMOVAL OF EXISTING PIPE	5	LF	DEMOLITION OF EXISTING DRAIN PIPE AS IT LEAVES THE BUILDING AND ENTERS BELOW GRADE.
5	033000	TRENCH AND SIDEWALK	4	CY	INSTALLATION OF NEW TRENCH DRAINS FOR DAYLIGHTING ROOF DRAINS ALONG EXISTING SIDEWALKS
6	074113.16	STANDING SEAM METAL ROOF	701	SF	STANDING SEAM METAL ROOF PANEL SYSTEM AS SPECIFIED, INCLUDING METAL ROOF COMPONENTS OVER ICE AND WATER SHIELD, ISO INSULATION, ADHERED TO EXISTING METAL STRUCTURE, INCLUDES FLASHINGS, COUNTERFLASHING, ROOFING SPECIALTIES, INCLUDES ALL LABOR AND MATERIALS REQUIRED FOR INSTALLATION OF A FULLY WARRANTIED AND WATERPROOF METAL ROOF SYSTEM ACCORDINGLY. NO ADDITIONAL MATERIAL OR LABOR COST ALLOWED FOR MISCELLANEOUS COMPONENTS OF THE COMPLETED ROOFING SYSTEM
7	053100	STEEL DECK REPLACE	1,050	SF	PREPARE DAMAGED METAL DECK WITH OVERLAY OF 22 GAGE METAL (AS INSTRUCTED BY ARCHITECT)
8	053100	STEEL DECK REPAIR	1,050	SF	TREAT RUSTED METAL DECK WITH RUST PENETRATING SEALER
9	054000	STEEL STUDS	210	LF	REPLACEMENT OF RUSTED STUDS IN EXTERIOR WING WALLS, FRAMING FOR SCUPPER REWORK
10	061000	ROUGH CARPENTRY	420	LF	REMOVE EXISTING DAMAGED WOOD AND NAILERS AND REPLACE WITH NEW TREATED LUMBER OF APPROPRIATE SIZE.
11	070150.19	PREPARATION FOR RE-ROOFING	7,211	6F	REMOVE EXISTING ROOFING SYSTEM IN PREPARATION FOR NEW, INCLUDES REMOVAL AND DISPOSAL OF EXISTING ROOFING AND WATERPROOFING SYSTEM DOWN TO THE STRUCTURAL DECK, PARAPETS AND OTHER SUBSTRATES. INCLUDES EXISTING ABANDONDED EQUIPMENT PLATFORMS, MECHANICAL EQUIPMENT, CURBS, AND OTHER OBJECTS INTERFERING WITH NEW CONSTRUCTION AND INDICATED TO BE REMOVED. CONTRACTOR SHALL EXAMINE EXISTING SUBSTRATE(S) AND ADJACENT MATERIALS FOR RUST, DRY ROT AND OTHER DAMAGE WHICH COULD HINDER THE SUCCESSFUL APPLICATION OF NEW ROOFING SYSTEM. CONTACT ARCHITECT IMMEDIATELY UPON DISCOVERY OF DAMAGE.
12	075423	TPO ROOFING SYSTEM	6,510	SF	THERMOPLASTIC POLYOLEFIN (TPO) SINGLE-PLY MEMBRANE ROOFING SYSTEM WITH 20 YEAR NDL WARRANTY, ROOFING SYSTEM INCLUDES, SINGLE-PLY MEMBRANE 60 MIL FLEECE- BACKED TPO, FULLY ADHERED TO 1/2" COVERBOARD, OVER TAPERED AND NON-TAPERED INSULATION (R-25 MIN) FASTENED TO DECK AS SHOWN ON DRAWINGS: MEMBRANE FLASHINGS, SHEET METAL FLASHINGS AND COUNTER-FLASHINGS, ROOF SPECIAL TIES, COPINGS AND CURS. INCLUDES ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED FOR A COMPLETED INSTALLATION OF A FULLY WARRANTED AND WATERFOOF MEMBRANE ROOFING SYSTEM. CONTRACTOR SHALL CONFIRM THEIR OWN QUANTITIES AND BID THE ENTIRE ROOF SYSTEM ACCORDINGLY. NO ADDITIONAL MATERIAL OR LABOR COST ALLOWED FOR VERTICAL FLASHING OR OTHER COMPONENTS OF THE COMPLETED ROOFING SYSTEM.

GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT CITY OF TULSA STANDARDS AND THE STANDARD SPECIFICATIONS FOR SPECIAL PROJECT CONSTRUCTION.
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS GOVERNING SAFETY. HEALTH AND SANITATION. THE CONTRACTOR SHALL PROVIDE ALL SAFEGUARDS, SAFETY DEVICES, AND PROTECTIVE EQUIPMENT AND TAKE ANY OTHER NEEDED ACTIONS ON AS THEIR OWN RESPONSIBILITY TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACT.
- ALL PUBLIC FEATURES OF THIS PROJECT RENOVATION SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT, ACCESSIBILITY GUIDELINES, AND THE INTERIM FINAL RULES FOR PUBLIC RIGHT-OF-WAY, PUBLISHED IN THE FEDERAL REGISTRY, TUESDAY, SEPTEMBER 3, 2002. WHERE SPATIAL LIMITATIONS OR EXISTING FEATURES WITHIN THE LIMITS OF THE PROJECT PREVENT FULL COMPLIANCE WITH THIS ACT, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT UPON DISCOVERY OF SUCH FEATURES. THE CONTRACTOR SHALL NOT PROCEED WITH ANY ASPECT OF THE WORK, WHICH IS NOT IN FULL COMPLIANCE WITH THE ADA WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER. ANY WORK, WHICH IS NOT PERFORMED WITHIN THE GUIDE LINES OF THE ADA, FOR WHICH THE CONTRACTOR DOES NOT HAVE WRITTEN APPROVAL, SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- AREAS DISTURBED BY THE CONSTRUCTION OUTSIDE THE LIMITS OF THE CONSTRUCTION SHALL BE RETURNED TO THEIR PREVIOUS CONDITION AT CONTRACTOR'S EXPENSE AS DIRECTED BY ENGINEER. ORANGE PROTECTIVE FENCING SHALL BE INSTALLED AROUND THE DRIP LINE OF ALL TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION AND STAGING AREA.
- ALL AREAS DISTURBED WITHIN AND BEYOND THE LIMIT OF CONSTRUCTION LINE SHALL BE RE-VEGETATED.
 IN ORDER TO ALLEVIATE DUST CONDITIONS DURING GRADING OR SIMILAR OPERATIONS AND BEFORE WORK IS COMPLETED, THE CONTRACTOR SHALL SPRINKLE GRADING AT INTERVALS APPROVED BY THE OWNER'S REPRESENTATIVE. COST OF SPRINKLING TO BE INCLUDED IN PRICE BID FOR OTHER ITEMS OF WORK.
- RAMP SLOPES SHALL NOT EXCEED 12:1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES INFLICTED TO THE EXISTING UNDERGROUND UTILITIES WITHIN THE PROJECT AREA AS A RESULT OF DIGGING, TRENCHING, BORING, ETC.. DEPTH OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. PRIOR TO DIGGING, THE CONTRACTOR SHALL CALL THE CITY OF TULSA TO VERIFY UTILITIES SHOWN ON DRAWINGS AND FOR A LIST OF ALL UNDERGROUND FACILITIES REGISTERED IN
 - THE AREA OF CONSTRUCTION LISTED WITH THE FOLLOWING AGENCIES:
 A. THE "OKIE" NOTIFICATION CENTER 1-800-522-6543,
- FACILITIES MAINTENANCE 918-527-0209
- CONTRACTOR SHALL GIVE THE NOTIFICATION CENTER OF THE OKLAHOMA ONE-CALL SYSTEM, INC., NOTICE OF ANY EXCAVATION NO SOONER THAN TEN DAYS OR LATER THAN 48 HOURS, EXCLUDING SATURDAYS, SUNDAYS, LEGAL HOLIDAY PRIOR TO COMMENCEMENT OF WORK,
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL ENVIRONMENTAL PROTECTION AGENCY (EPA) AND
- OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ) REQUIREMENTS FOR STORM WATER MANAGEMENT FOR THIS PROJECT. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

 COORDINATE THE CONSTRUCTION STAGING AREA WITH THE OWNER'S REPRESENTATIVE. IF REQUIRED THE AREA SHALL
- BE STABILIZED WITH AGGREGATE BASE TO A DEPTH OF 6". THE GRAVEL IS TO BE REMOVED AT THE COMPLETION OF PROJECT. ALL COSTS TO BE INCLUDED IN LINE ITEM MOBILIZATION, DEMOBILIZATION, AND MISCELLANEOUS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE INCURRED TO THE EXISTING SIDEWALK, LIGHTING, AND
- AMENITIES DURING CONSTRUCTION IF CAUSED BY CONSTRUCTION ACTIVITIES PERFORMED BY THE CONTRACTOR OF THEIR SUBCONTRACTORS
- WHERE IT IS NECESSARY TO CROSS CURBING, PROTECTION AGAINST DAMAGE SHALL BE PROVIDED BY THE CONTRACTOR AND ANY DAMAGE TO THE ROADWAY PAVEMENT, CURBS, SIDEWALKS, VEGETATION, OR DRIVEWAYS CAUSED BY THE CONTRACTOR'S OPERATION SHALL BE REPLACED AT THE CONTRACTOR'S SOLE EXPENSE.
- FOR ITEMS PROVIDED "BY OTHERS" PROVIDE AND INSTALL BLOCKING AND POWER/DATA AS REQUIRED. COORDINATE
- CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD

ITEM NO	SPEC SECTION	DESCRIPTION	QUANTITY	UNIT	PAY ITEM NOTES
13	072419	WATER DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM	6,787	SF	EXTERIOR SHEATHING, MOISTURE BARRIER, INSULATION BOARD, REINFORCING MESH, BASE COAT, FINISH COAT
14	076200	SHEET METAL FLASHING AND TRIM	746	SF	BASE DETAIL AND CAP FLASHING
15	077200	ROOF HATCH	1	EA	FURNISH AND INSTALL NEW ROOF HATCH, MATCH EXISTING ROOF HATCH DIMENSIONS, NEW HATCH TO HAVE LADDER-UP SAFETY POST & GUARDRAIL SYSTEM
16	076200	OVERFLOW SCUPPERS	4	EA	INSTALL OVERFLOW SCUPPER PER TPO MFR'S INSTRUCTIONS
17	077129	MANUF. ROOF EXPANSION JOINT COVER	53	LF	MATERIALS AND LABOR ASSOCIATED WITH THE INSTALLATION OF ROOF EXPANSION JOINT COVER
18	077200	MANUFACTURED ROOF CURBS	2	EA	REPLACE EXISTING MANUFACTURED ROOF CURBS WITH NEW, WHICH SHALL BE SIZED APPROPRIATELY TO FIT EXISTING RTU'S AND DECK OPENING, PROVIDE 8" MIN., HEIGHT ABOVE NEW ROOF MEMBRANE ONCE IT IS IN PLACE.
19	079200	SEALANTS AND CAULKING	525	LF	REMOVE EXISTING JOINT SEALANTS AS REQUIRED AND INDICATED. CLEAN, PRIME AND PREPARE SURFACES FOR NEW JOINT SEALANT APPLICATION. PROVIDE ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED FOR A COMPLETE INSTALLATION
20	084113	STOREFRONTS AND ALUM OPENINGS	258	SF	INSTALLING STOREFRONT, FLASHINGS AND SEALANTS PER DRAWINGS, SPECIFICATIONS AND, MANUFACTURERS DETAILS.
21	099113	EXTERIOR PAINTING	1	SYS	ALL LABOR AND MATERIAL ASSOCIATED WITH PAINTING NOTED ON DRAWINGS
22	099000	ACOUSTICAL CEILINGS	100	EA	REPLACE WATER DAMAGED CEILING TILES AND LIGHT LENSES WITH NEW, MATCH EXISTING.
23	220000	PLUMBING WORK	53	LF	MISCELLANEOUS WORK ON PLUMBING, WATER, GAS, DRAINAGE AS INDICATED ON DRAWINGS AND SPECIFICATIONS
24	DIV 22	AREA DRAINS/CATCH BASINS	4	EA	ALL WORK ASSOCIATED WITH INSTALLING AREA DRAINS AND STORM DRAINS, INCLUDES MATERIALS AND LABOR NECESSARY FOR CURB CUTS
25	DIV 22	DOWNSPOUT NOZZLE	4	EA	(3) 4" & (1) 6" DOWNSPOUT NOZZLES
26	230000	MECHANICAL WORK	2	EA	MECHANICAL WORK FOR RTU'S, AND ALL LABOR AND MATERIALS REQUIRED
27	260000	ELECTRICAL WORK	2	EA	ALL LABOR, EQUIPMENT AND MATERIALS REQUIRED TO DISCONNECT AND RECONNECT ELECTRICAL SERVICES TO ROOFTOP EQUIPMENT AS NECESSARY FOR THE PROPER INSTALLATION OF ROOFING SYSTEM, PRICE TO INCLUDE REPLACEMENT OF ELECTRICAL COMPONENTS WHICH ARE FOUND TO BE NO LONGER SERVICEABLE, NEW POURABLE SEALANT PANS, BOOTS, CONDUIT SUPPORTS, ETC. IN ORDER TO RESTORE CIRCUITS TO PROPER OPERATION AS QUICKLY AS POSSIBLE
28	320000	SITEWORK	4	EA	REPAINT BOLLARDS AND GAS VALVE



EXTERIOR RENOVATION. WATER DISTRIBUTION SATELLITE OFFICE

PROJECT NO. SP 22-14

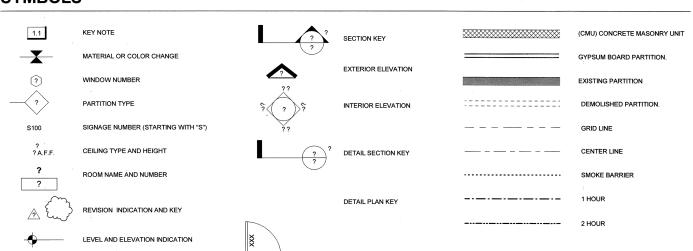
CITY OF TULSA, OKLAHOMA ENGINEERING SERVICES DEPARTMENT

BKL, INCORPORATED ENGINEERS & ARCHITECTS

	SHEET NAME: QUANTITIES & GENERAL NOTES				SHEET NO. G1-01		
			FILE:	DRAW	NG:		
			VERTICAL:	DESIGN MANAGER			CITY ENGINEER
				RECOMMENDED:		10/62	'
			HORIZONTAL:	FIELD MGR.	Zem		
				LEAD ENGR.		10/9/23	
		-	PROFILE SCALE	PROJ. MGR.	MAF	A (2)	
			1/8" = 1'-0"	SURVEY			
EVISION	BY	DATE	44011 41.011	DESIGNED	KDR		
			PLAN SCALE:	DRAWN	ABS		APPROVED

ABBREVIATIONS: .. ELEVATOR .. ENCLOSED, ENCLOSURE .. END TO END .. ENGINEER .. ENTRY, ENTRANCE .. ENTRY MAT CHANNEL ... CIRCLE, CIRCULAR ... CLEAN OUT ... CLEAR, CLEARANCE HTR.... HVAC... HVY..... HT..... HPT.... HC.... HM.... HSS.... HORZ... .. HEATER . HEATING, VENTILATION, & AIR CONDITIONING .. HEAVY ABOVE ABOVE FINISH FLOOR . METAL . MEZZANINE . MILLWORK .. MINIMUM . QUANTITY . QUARRY TILE TACKBOARD TELEPHONE ACOUSTICAL ACOUSTICAL CEILING TILEADA SHOWER SEAT TV..... TEMP. THK.... TRHD. THRU. TELEVISION . HEIGHT . HIGH POINT . HOLLOW CORE R. RAD..... RADIUS TEMPERED THICK MIRROR MIRROR UNIT RECEIVER RECEPTACLE ADD..... ADDL.... ADH..... ADJ...... ADMIN... RECEPT... THRESHOLD ADDENDUM ADDITIONAL COLD ROLLED HOLLOW METAL RECESSED COL.... C-FRZ.. C-FRG.. .. COLUMN . COMMERCIAL FREEZER . COMMERCIAL REFRIGERATOR . COMPARTMENT HOLLOW STRUCTURAL SECTIONS MODEL, MODULE RE. REF... REFERENCE . REFRIGERATOR TINTED GLASS EQ..... EQMT TINTED GLASS TOILET TOILET TISSUE (ROLL) DISPENSER TOILET TISSUE (ROLL) DISPENSER TOP AND BOTTOM TOP AND BOTTOM TOP OF TOP OF BEAM TOP OF BEAM TOP OF MULLION TOP OF STEEL TOP OF WALL TOWEL BAR TRACK TREAD ADJUSTABLE . EQUIPMENT MONO MONOLITHIC RFGR.... REG.... REBAR... REINF.... REQ... RESIL... RESI.... RET... RET... REV... RT... ESCAPE ESCALATOR ETHYLENE PROPYLENE DIENE MONOMER ESC.... ESCL... EPDM.. EXC.... HB..... HOSP.. HW..... . MOP/BROOM HOLDER UNIT W/ SHELF ADMINISTRATION HOSE BIB REGISTER REGULATOR COMPT... COMPR. C-FRG... A/C..... AHU.... AIR CONDITIONING AIR HANDLING UNIT . HOSPITAL . HOT WATER MOUNT, MOUNTED .. COMPARTMENT .. COMPRESSED, COMPRESSOR .. COMMERCIAL REFRIGERATOR MULL.. .. REINFORCE, REINI .. REPRODUCE .. REQUIRE (D) .. RESILIENT .. RESISTANT .. RETAINING WALL .. RETURN .. REVISE, REVISION EXCAVATE AL..... ALUM... ALT..... ANCH... ALUMINUM ALUMINUM COMMERCIAL FREEZER EXHAUST FAN EXIST... ALTERNATE CONCRETE EXISTING ICE MACHINE NATURAL ANCHOR CONCRETE MASONRY UNIT EXPAN EXPANSION . IMPREGNATE . INCANDESCENT NEOPRENE NITROGEN INCAND ANCHOR BOLT COMPOSITE METAL PANEL EXPANSION JOINT ... ANCHOR BOLT ... ANGLE ... ANGUZED ... APPROXIMATE ... ARCHITECT, ARCHITECTURAL ... ARCHITECT-ENGINEER ... AREA DRAIN ... ASBESTOS ... ASPHALT ... ASSEMBLY ... AUTOMATIC EXP JT.... ...CONDITION ...CONNECTION ...CONNECTION ...CONTRACTOR PROVIDED / CONTRACTOR INSTALLED ...CONTRACTOR PROVIDED AND INSTALLED ...CONTROL JOINT ...CONTINUE, CONTINUOUS ...CONTROL CONTINUE ...CONTROL SOME ...CONVENIENCE ...CON CONDITION EXPANSION JOINT INCINERATOR EXPOSED INCH, INCHES TION COEFFICIENT ... INDUSTRIAL ... INFORMATION ... INSIDE DIAMETER ... INSULATE, INSULATION ... INTERIOR, INTERNAL ... INVERT ... ISOLATION .. NOMINAL .. NON-SLIP .. NORTH .. NOT APPLICABLE .. NOT IN CONTRACT .. NOT TO SCALE .. NUMBER APPRO ARCH... A/E..... AD..... ASB.... ASP.... ASSY... AUTO... EIFS......EXTERIOR INSULATION FINISH SYSTEM EB, EXB.....EXPANSION BOLT . RIGHT HAND . RIGHT HAND REVERSE TREAD TREATED ... FABRIC WALL COVERING ... FABRICATE, FABRICATED, FABRIC ... FACE BRICK ... FACE OF STUD ... FACE TO FACE ... FASTENER ... FIBERGLASS ... FIELD VERIEY ROBE HOOK TUBULAR STEEL TYPICAL . ROOF TOP UNIT UNDERCOUNTER ROOF HATCH UC... UG... JANITOR ... CORRIDOR, CORRUGATED ... COUNTER ... COUNTER FLASHING .. OFFICE .. ON CENTER . OPENING . OPPOSITE .. OPPOSITE HAND .. ORIGINAL .. OUTSIDE DIAMETER BABY CHANGING STATION OC..... OPNG. OPP.... OH..... ORIG... . ROUGH OPENING UL..... UNF... UH..... UNO.. UR.... UNDERWRITERS LABORATORIES, INC. BD...... BDRM.. BEL..... BK...... BKT..... JST...... JOIST JCT...... JUNCTION JB, J-BOX.. JUNCTION BOX . BOARD . BEDROOM RUBBER BASE FIELD VERIF UNIT HEATER CS...... CRS..... CUBE... SNDU...... SS..... SCHED.... SCW..... SLNT..... SANITARY-NAPKIN DISPOSAL UNIT COUNTERSUNK FINISH FLOOR UNLESS NOTED OTHERWISE . COURSES . SANITARY SEWER . SCHEDULE, SCHEDULED FIRE ALARM FIRE DEPARTMENT CONNECTION FIRE EXTINGUISHER FIRE EXTINGUISHER ON WALL BRACKET KIT..... KD..... K/O.... KOP... ...CUBICAL .. CURTAINWALL OD..... O/O..... O/A.... OFRD. UTILITY SCREW(S) SEALANT SEAT COVER DISPENSER SEPARATE SHEATHING SHEET SHEET INIYL SHELF, SHELVES SHOWER CURTAIN, ROD, AND HOOKS SHOWER ROD SIMILAR SINGLE PLY SINK UNIT - SINGLE SINK UNIT - DOUBLE BUILDING LINE CW..... KNOCK DOWN OUT TO OUT BL..... BLDG... BUILDING .. CURTAIN TRACK OVERALL VS... VACUUM SLIDE ...VACUUM SLIDE ...VALVE ...VALVE BOX ...VARIES, VARIABLE ...VARIABLE INTENSITY CONTROL ...VERIFY IN FIELD ...VERIT THROUGH ROOF ...VERTICAL ...VESTIBULE ...VINYL BLK...... BLOCK, BLOCK BM..... BEAM BNCHMK... BENCH MARK BLOCK, BLOCKING KNOCK OUT PANEL OVERELOW ROOF DRAIN DP...... DBA..... DEMO... DEPT.... DTL..... DIAGM... DIAGL DAMP PROOFING FIRE EXTINGUISHER IN WALL CABINET FIRE HOSE VALVE CABINET O/H.... OVERHEAD OWNER FURNISH/OWNER INSTALL LABORATORY DEFORMED BAR ANCHOR DEMOLISH DEMOLITION LAM.... LAND.. LAV..... HLAV... BY OWNER FIRE RATED LAMINATE LAMINATED OWNER FURNISH/CONT BOTTOM OF DECK DEPARTMENT LANDING BOTTOM OF MULLION DETAIL FIXTURE LAVATORY ... PAINT ... PAINT STAIN ... PAINT STAIN ... PANEL ... PANEL ... PAPER TOWEL DISPENSER ... PAPER TOWEL DISPENSERWASTE ... RECEPTACLE ... PARAGRAPH ... PARAICLE ... PARTICLE BOARD ... PARTICLE ... PARTICLON ... PARTICLON PNT.... PNTD. PTS.... PNL.... PTD.... PTWD. BOTTOM BOTTOM BOTTOM BRICK PAVER BACKER ROD BATH STATION PULL CORD ... DIAGRAM FLEX. FLEXIBLE LAVATORY, HANDICAPPED .. LEFT . LEFT HAND .. LEFT HAND REVERSE .. LIGHT FLOOR DRAIN ..VINYL VINYL TILE .. DIMENSION .. DITTO .. DIVISION .. DOCK BUMPER FLOOR MOUNTED PLASTIC TOILET PARTITION . VINYL COMPOSITION TILE LT..... LTG.... LGMF... LWTC. LIN... LIQ... LQ... LKS... LOC... LKR... LG... LLH... LUV... LOUV... LP... LBR... LBR... VCT.... VWC... VOL.... FLOOR MOUNTED I ...FLUORESCENT ...FOOD WELL ...FOOT, FEET ...FOOTING ...FOUNDATION ...FRAME, FRAMING ...FURNISH ...FURRED, FURRING . LIGHT . LIGHTING . LIGHTING . LIGHT GAUGE METAL FRAMING . LIGHT WEIGHT . LIGHT WEIGHT CONCRETE . LINEAR . LINEAR DIFFUSER BENT BITUMINOUS BATHROOM BETWEEN BUTT JOINT BEVELED 2SU..... 3SU..... SDISH. . VINYL WALL COVERING . VOLUME BTM. BTRN BTW. BUT... ... DOOR DOOR DOUBLE ... DOWN ... DOWNSPOUT ... DRAIN ... DRAWING ... DRAWING ... DRAWINGS WSCT. WAINSCOT SC..... SDSF. SOLID CORE SOLID SURFACE WCAB. .. WALL CABINET .. WARM-AIR DRYERS SOUND ATTENUATING FIRE BATTS SAFB.. WAD...... W RCPT.. LIQUID LOCAL KEY SWITCH LOCATION PEDESTAL, PEDESTRIAN FS..... FURR SOUND TRANSMISSION COFFFICIENT WASTE RECEPTACLE PERFORATE (D) PERPENDICULAR WATER CLOSET CARBON DIOXIDE CO2... CPT... CO.... CSG.. PERP...... PERPENDICULÁR PC WKST.. PERSONAL COMPUTER WORKSTATION SPANDREL WATER HEATER .. GALVANIZED . GALVANIZED IRON LOCKER SPEC... SPECIFICATION (S WATER PROOFING CASED OPENING .. EACH ... EACH WAY PC..... PIECE PLAS, PL... PLASTER SQUARE WATER RESISTANT . LONG . LONG LEG HORIZONTAL .. LONG LEG VERTICAL SQ......SQFT, SF. STAG....SST....STD....STA....STL...STIFF....STIFF....STIR....STIR....STIR....STIR....STIR....STIR....STIR....STIR....STIR....STIR....STIR....STIR....STIR....STIR....STIR....STIR....STIR....STIR....STIR... CASING CAST IRON GAS GAUGE SQUARE FOOT PLAM.... PLASTIC LAMINATE WELDED WIRE FABRI ELAST.... ELASTIC, ELASTOMERIC ELECTRIC GENERAL CONTRACTOR . PLATE . PLATFORM . PLUMBING LOUVER LOW POINT STAINLESS STEEL CEILING ELAST. CLG HUNG PLASTIC TLT PARTITION ELEC... GLASS FIBER REINFORCED CONCRETE GLASS, GLAZED, GLAZING ... WHEEL CHAIR ... WIDE FLANGE ... WIDE WIDTHWINDOW ... WIRE GLASS . STANDARD . STATION . STEEL . STIFFENER . STIFREUP . STONAGE . STORAGE . STORAGE . STOREFRONT . STORM DRAIN . STRUCTURE, STRUCTURAL SUIPPLY SUIPPORT ELECTRIC WATER COOLER CSS.... CEM... CTR.... CEILING SUPPORT SYSTEM CEMENT GRAB BARS LUXURY VINYL TILE PLWD. PTS.... PLYWOOD PNEUMATIC TUBE STATION CENTER MACH... MAN.... MH..... MFR.... GRANITE MACHINE ... POINT ... POINT ... POLISH ... POUNDS PER SQUARE FOOT ... POWER ... PRECAST CONCRETE ... PRE-ENGINEERED METAL BUILDING ... PREFABRICATED ... PREFABRATION ... PRINTER ... PRODUCTION CENTER TO CENTER CERAMIC GROUND GROUT MANUAL . WITH . WITHOUT STOR..... STORFT. GYPSUM BOARD MANUFACTURER .WOOD WROUGHT IRON GYPSUM BOARD MANUFACTURE ... GLASS-MAT GYPSUM SHEATHING BOARD MARKER BOARD MASONRY XT.... . X-RAY TRACK SUPPORT SUPPLY, SUPPOR SURFACE HDCP HANDICAP HANDRAIL HAND SINK HARDWARE SURGICAL LIGHT . YARD . YIELD POINT SUSPEND (ED) PRODUCTION PROJECT, PROJECTOR PROJECTION SCREEN SCG. SW... SYM. . SUSPENDED CEILING GRID YIELD STRENGTH

SYMBOLS



NEW DOOR AND NUMBER

EXISTING DOOR AND NUMBER

F

DRAWING KEY, INDICATION AND SCALE

PLAN NORTH ARROW

MATERIALS

PROPERTY LINE

CONCRETE	ALUMINUM
CONCRETE MASONRY UNIT	RIGID INSULATION
BRICK	INSULATION BATT
GYPSUM, PLASTER, MORTAR	BLOCKING
EARTH	BLOCKING - SHIM
AGGREGATE BASE	PLYWOOD
STEEL	MMM wood

.. SYMMETRICAL



EXTERIOR RENOVATION. WATER DISTRIBUTION SATELLITE OFFICE

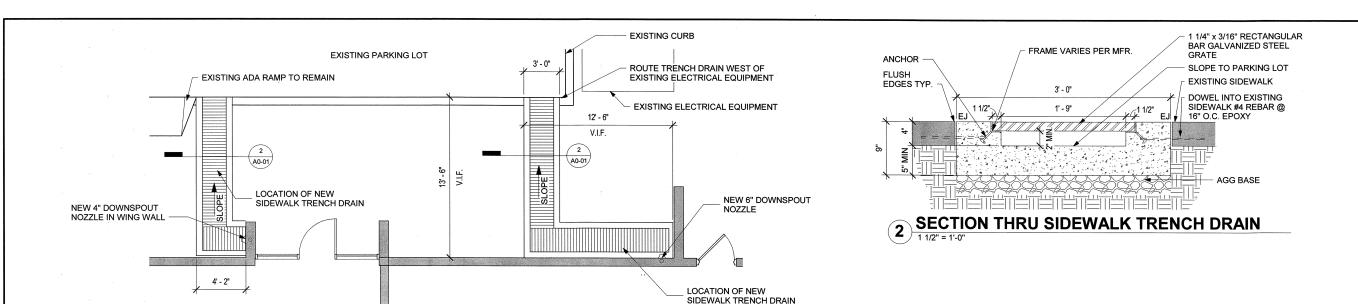
PROJECT NO. SP 22-14

CITY OF TULSA, OKLAHOMA ENGINEERING SERVICES DEPARTMENT

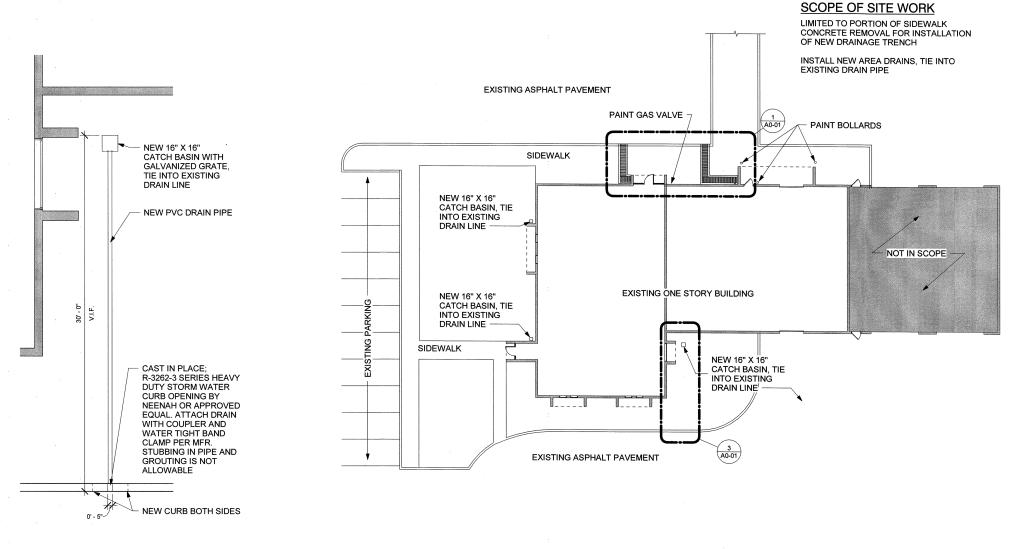
PLANS AND ESTIMATES PREPARED BY

BKL, INCORPORATED ENGINEEDO & ADOLUTEOTO

				ENGINEERS & ARCHITECTS					
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NO	REVISION	BY	DATE	As indicated	DESIGNED	KDR			
				As indicated	SURVEY				
			-	PROFILE SCALE	PROJ. MGR.	NA	MAS		
					LEAD ENGR.	SHK	10/9/25		
				HORIZONTAL:	FIELD MGR.	Zou	w/23		
					RECOMMENDED	:			
				VERTICAL:	DESIGN MANAGER			CITY ENGINEER	
				FILE:	DRAWII	NG:			
				SHEET NAME:		SHEET NO.			
				SYMBOL	IATIONS . .S	G1-02			



1 ENLARGED SIDEWALK PLAN



JENNIFER PHAMMOCK PRO

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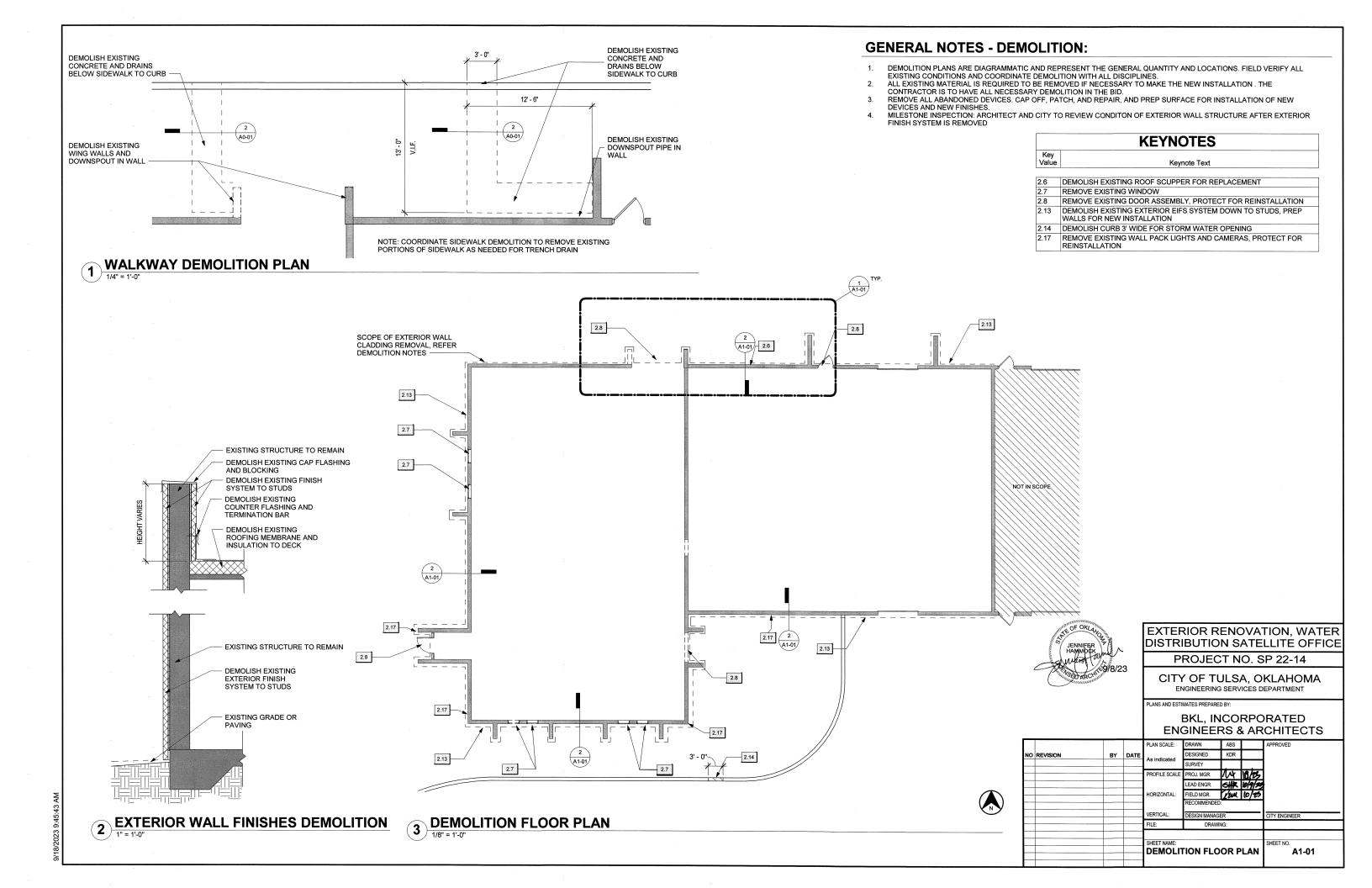
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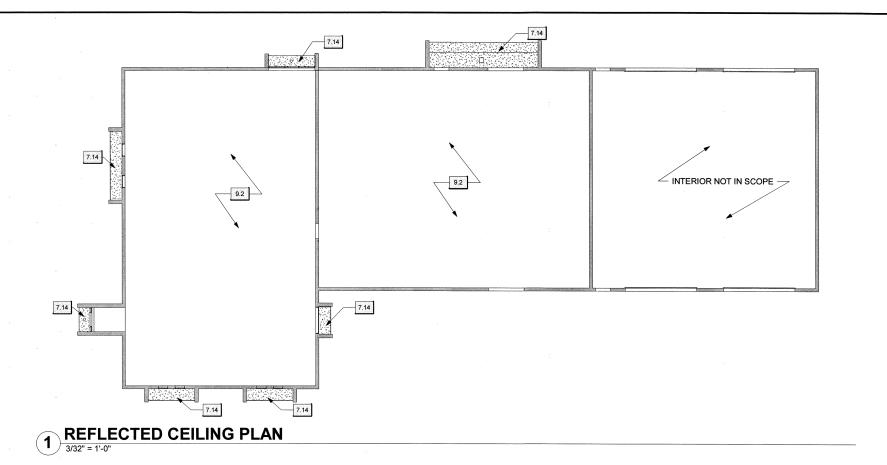
BKL, INCORPORATED ENGINEERS & ARCHITECTS

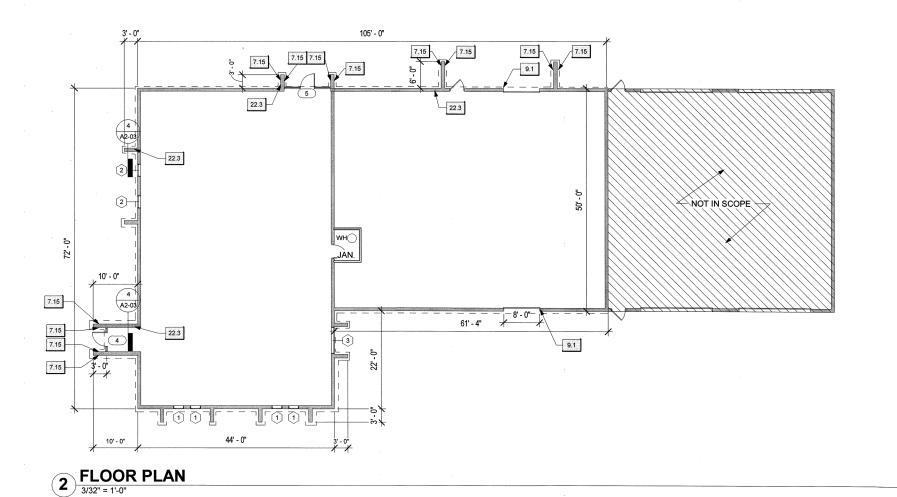
				LIVOINTELINO & ANOTHITEOTO					
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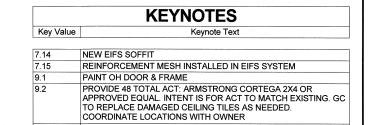
3 EAST DRAIN

4 PARTIAL SITE PLAN









INSTALL NEW DOWNSPOUT PIPE FROM ROOF DRAIN TO DOWNSPOUT NOZZLE



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PROJECT NO. SP 22-14

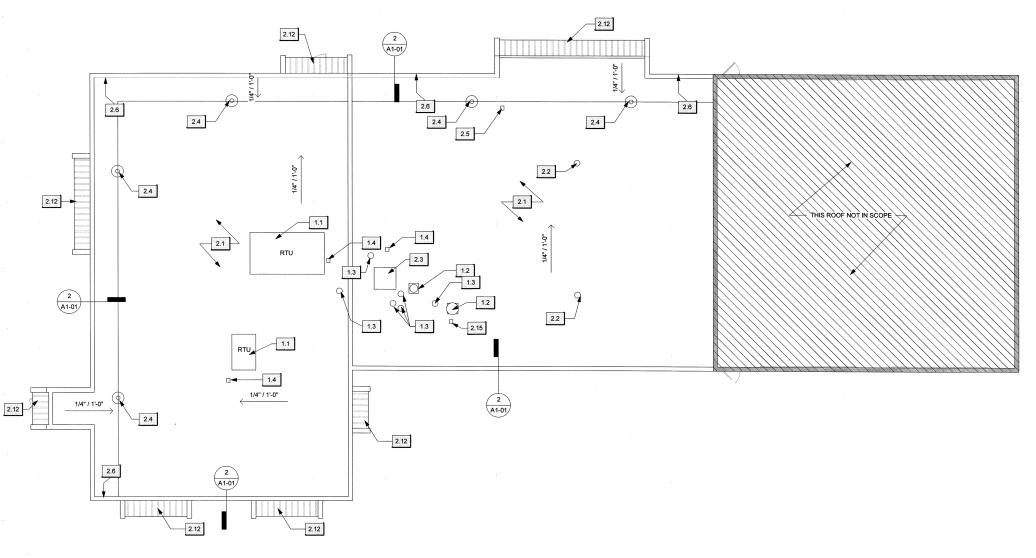
CITY OF TULSA, OKLAHOMA ENGINEERING SERVICES DEPARTMENT

NS AND ESTIMATES PREPARED BY:

BKL, INCORPORATED ENGINEERS & ARCHITECTS

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				PLAN SCALE:	DRAWN	ABS		APPROVED		
10	REVISION	BY	DATE	3/32" = 1'-0"	DESIGNED	KDR				
				3/32 = 1-0	SURVEY					
-				PROFILE SCALE	PROJ. MGR.	NA	10/13			
					LEAD ENGR.	SHK	10/9/23			
_				HORIZONTAL:	FIELD MGR.	22M	10/23			
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				VERTICAL:	DESIGN MANAG	GER		CITY ENGINEER		
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_			-	SHEET NAME:		SHEET NO.				
				FLOOR/C	EILING	A1-02				
				<u> </u>						







1.1	DEMOLISH EXISTING ROOF CURB, PROTECT RTU FOR REINSTALLATION
1.2	DEMOLISH EXISTING ROOF CURB, PROTECT MECHANICAL UNIT FOR REINSTALLATION
1.3	EXISTING PLUMBING PENETRATION TO REMAIN
1.4	EXISTING ELECTRICAL PENETRATION TO REMAIN
2.2	DEMOLISH EXISTING VENT FOR REPLACEMENT
2.4	DEMOLISH EXISTING ROOF DRAIN FOR REPLACEMENT
2.5	DEMOLISH EXISTING SEALANT POCKET
2.6	DEMOLISH EXISTING ROOF SCUPPER FOR REPLACEMENT
2.15	DEMOLISH EXISTING CHANNEL STRUT SUPPORTING FUSED DISCONNECT



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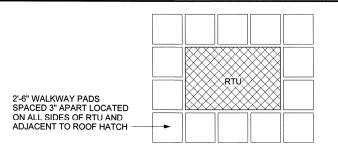
CITY OF TULSA, OKLAHOMA ENGINEERING SERVICES DEPARTMENT

BKL, INCORPORATED ENGINEERS & ARCHITECTS

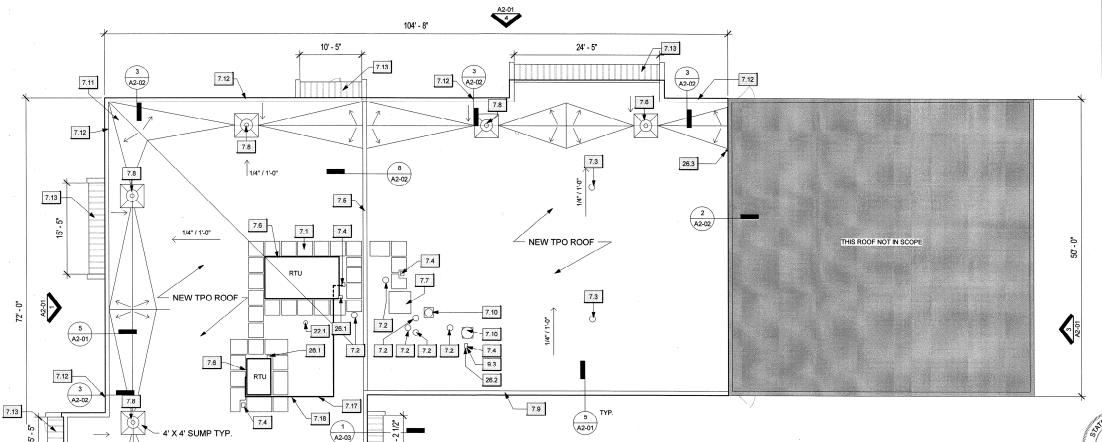
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			-	SHEET NAME:				SHEET NO.	
				DEMOLITION ROOF PLAN				A1-03	
			-	1					

1) DEMOLITION ROOF PLAN

1/8" = 1'-0"



WALK PAD LAYOUT



KEYNOTES Key Value Keynote Text WALK PAD, TYPICAL PIPE PENETRATION, PROVIDE NEW BOOTS INSTALL NEW FLUE PER MFR. POURABLE SEALANT POCKET MFR STANDARD EXPANSION JOINT COVER NEW RTU CURB INSTALL NEW ROOF HATCH INSTALL NEW OWNER SUPPLIED ROOF DRAINS PER MFR. 7.9 NEW PARAPET COPING TYP. REINSTALL MECHANICAL EQUIPMENT INSTALL TAPERED INSULATION TO CREATE POSITIVE DRAINAGE, TYP. THRU-WALL SECONDARY ROOF SCUPPER 16"W X 6"H. REFER ELEVATION NEW STANDING SEAM METAL ROOF 7.17 PAINT EXISTING GAS LINES SAFETY YELLOW. 7.18 INSTALL NEW PIPE SUPPORTS AS NEEDED REPAINT FUSED DISCONNECT WHITE 22.1 NEW ROOF MOUNTED FROST-PROOF ROOF HYDRANT, MODEL SRH-MS, WOODFORD MANUFACTURING OR APPROVED EQUAL, COORDINATE EXACT LOCATION IN FIELD FURNISH AND INSTALL 125V 20A DUPLEX WP GFCI WITH CAST ALUMINUM WEATHERPROOF WHILE-IN-USE COVER, CONNECT TO CIRCUIT CURRENTLY SERVING RECEPTACLE IN HOT WATER TANK ROOM BELOW. ROUTE CONDUIT AND WIRE THROUGH ROOF AND ATTACH OUTLET TO RTU. INSTALL NEW CHANNEL STRUTS TO SUPPORT FUSED DISCONNECT INSTALL 1 1/2" WEATHERHEAD FOR FUTURE RELOCATION OF NETWORKING CABLES

ROOFING GENERAL NOTES:

1. EXISTING RTU CURBS ARE TO BE REPLACED, EXISTING CURB ADAPTERS ARE TO BE REUSED.

- 2.COORDINATE RE-ROOFING OPERATIONS TO PREVENT WATER INFILTRATION INTO BUILDING DURING CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGES TO CONTENTS OF THE BUILDING
- 3. TAPERED INSULATION PLAN IS DIAGRAMMATIC. GC. TO PROVIDE SUBMITTAL TO THE ARCHITECT.
- 4. PATCH DECK AND INSULATION AT REMOVED EQUIPMENT



EXTERIOR RENOVATION, WATER DISTRIBUTION SATELLITE OFFICE

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				VERTICAL:	DESIGN MANAGER			CITY ENGINEER
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F				SHEET NAME: ROOF PL	.AN	SHEET NO. A1-04		
				<u> </u>				***************************************

ROOF PLAN



4' X 4' SUMP TYP.

10' - 5"

1/4" / 1'-0"

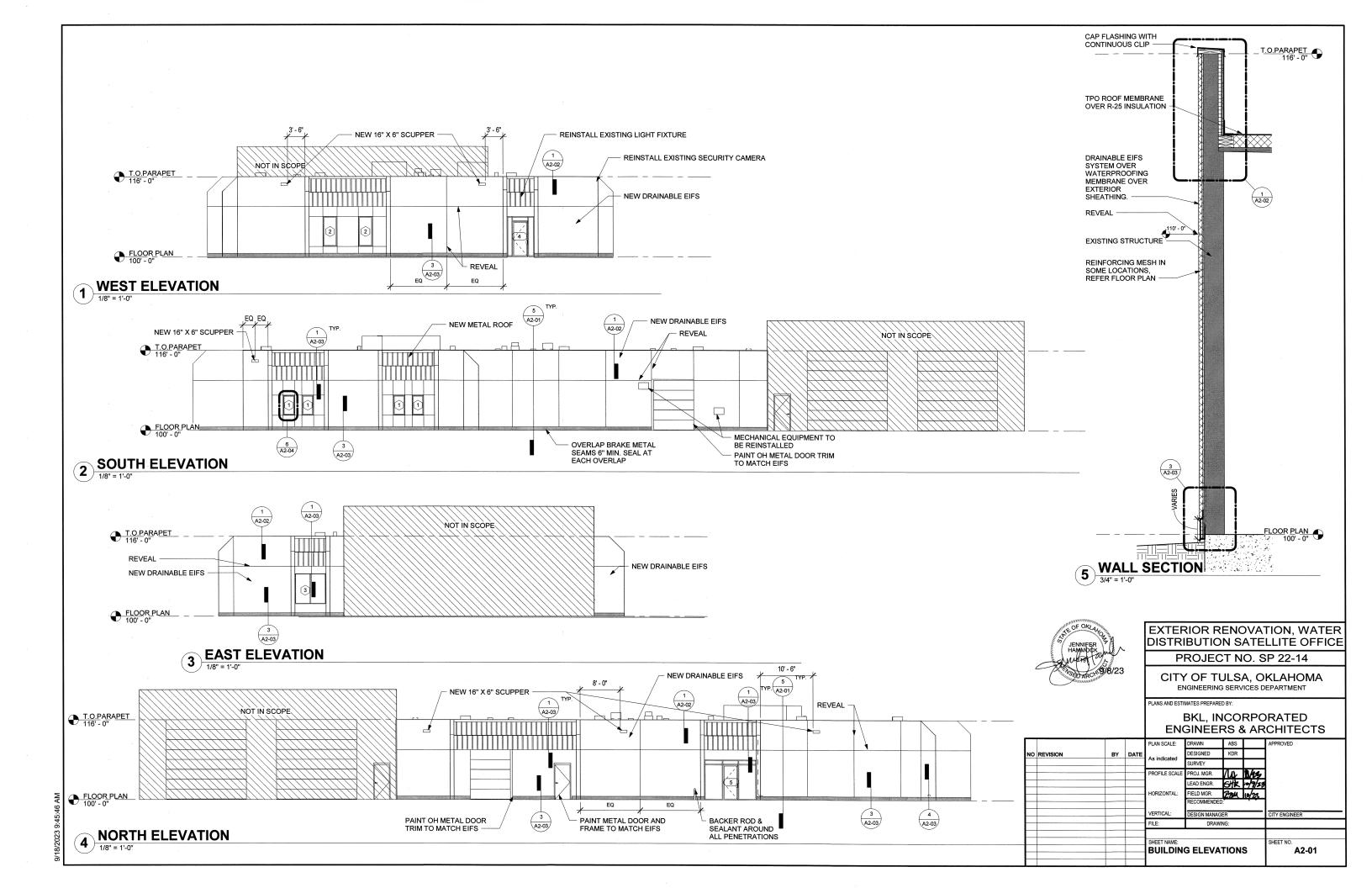
7.13

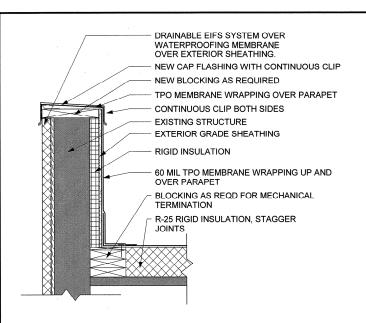
44' - 0"

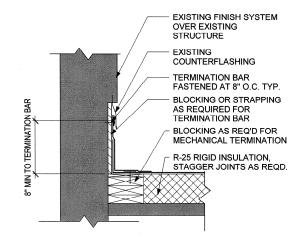
7.13

10' - 5"

7.13





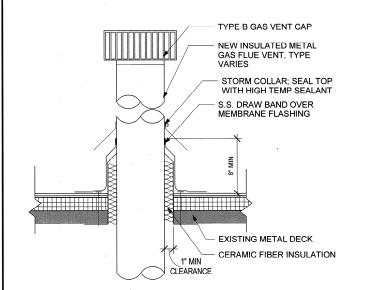


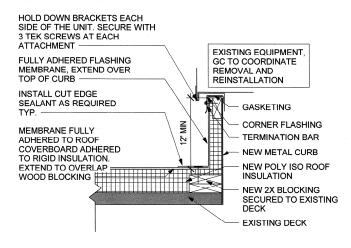
FULLY ADHERED TPO OVER SUBSTRATE NEW PREFINISHED METAL SCUPPER 6" H X 16" W BLOCKING AS REQD - R-25 RIGID INSULATION, STAGGER JOINTS AS

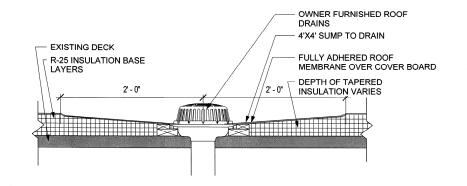








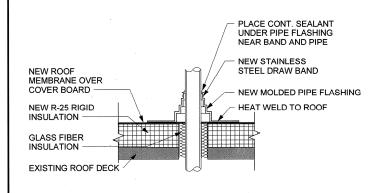


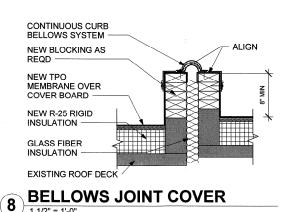


FLUE PENETRATION

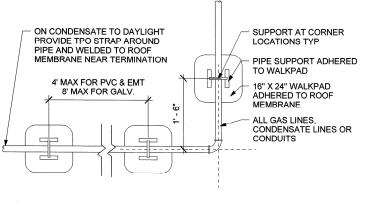


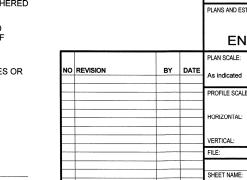
ROOF DRAIN





1 1/2" = 1'-0"





EXTERIOR RENOVATION, WATER DISTRIBUTION SATELLITE OFFICE PROJECT NO. SP 22-14

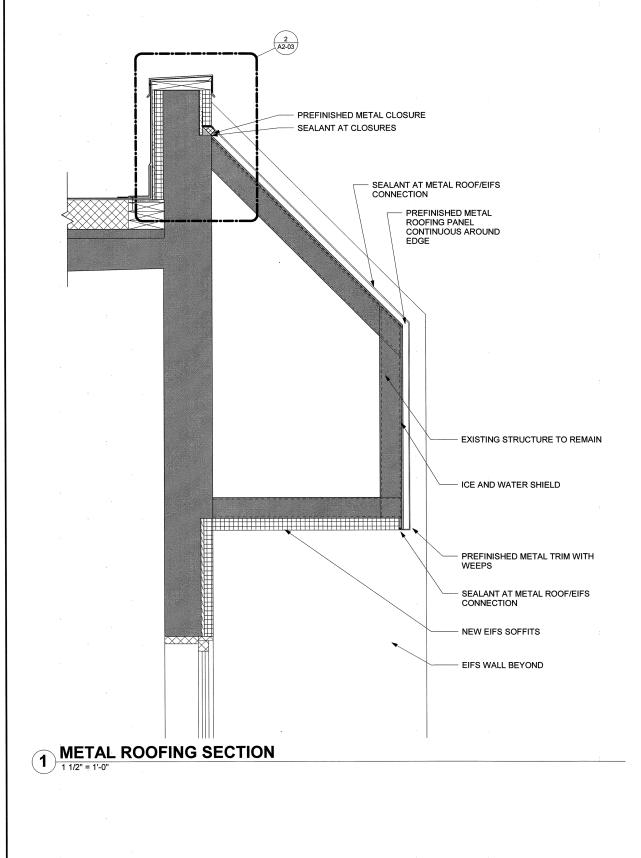
> CITY OF TULSA, OKLAHOMA ENGINEERING SERVICES DEPARTMENT

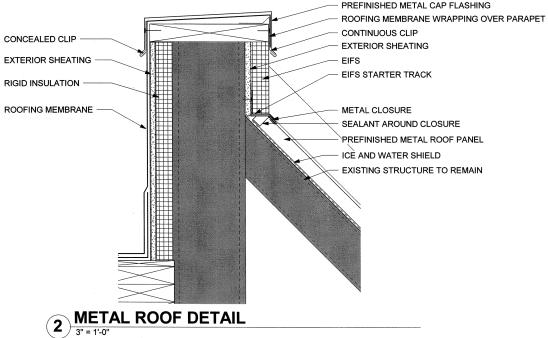
BKL, INCORPORATED

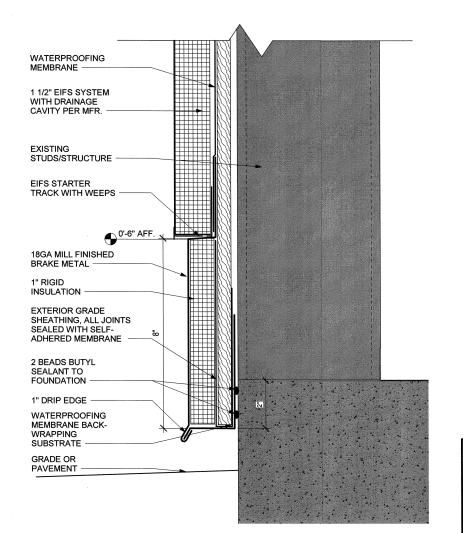
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_				KOOF DE	IAILS	AZ-02			
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PLUMBING PENETRATION

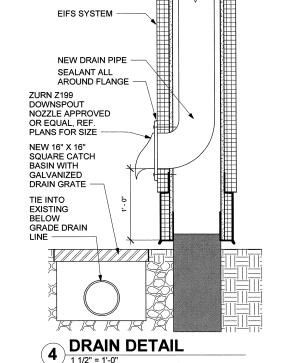
PIPE SUPPORT LAYOUT













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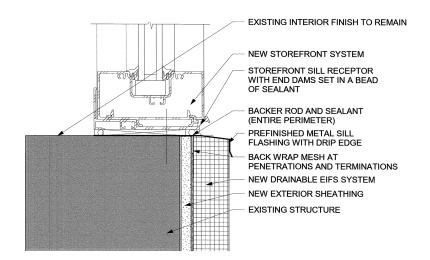
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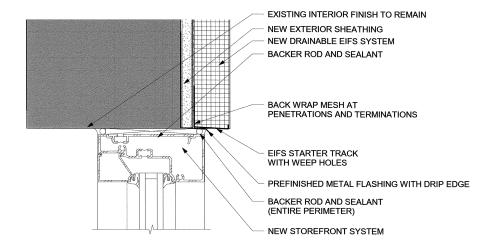
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		SHEET NAME: SECTION	DETAILS	SHEET NO. A2-03		

118/2023 9:45:47 AM

				DOO	R SCH	EDULE		
DOOR NUMBER			DOOR	·	FF	AME	HARDWARE	NOTES
	WIDTH	HEIGHT	MATERIAL	FINISH	MATERIAL	FINISH		
4	3' - 0"	7' - 0"	ALUM	BLK ANOD	ALUM	BLK ANOD	1	
5	3' - 0"	7' - 0"	ALUM	BLK ANOD	ALUM	BLK ANOD	1	

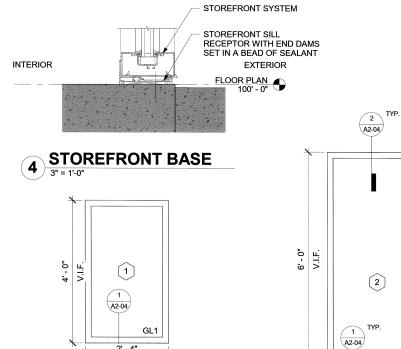






STOREFRONT HEAD

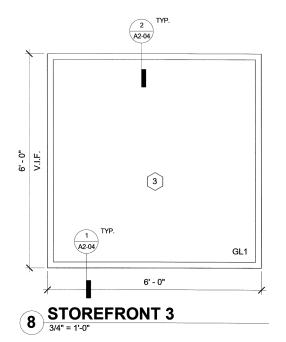


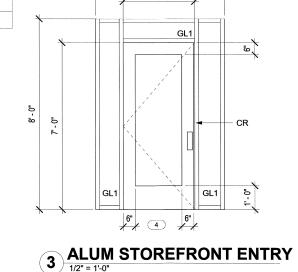


GL1

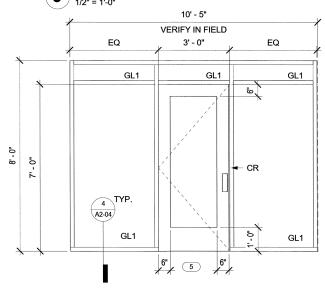
2' - 10"

STÖREFRONT 2





5' - 5" VERIFY DIMENSION IN FIELD 3' - 0"



ALUM. STOREFRONT ENTRY



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\vdash				STOREF	RON1 DE	IAIL	S	A2-04

NOTE: REFER TO SPECIFICATION FOR GLAZING TYPES

6 STOREFRONT 1