A/E ARCHITECT / ENGINEER AD AREA DRAIN AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE AG AIR GAP AP ACCESS PANEL AS AUTOMATIC SPRINKLER ASD ADJUSTABLE SPEED DRIVES ASD AUTOMATIC SPRINKLER DRAIN ASHRAE AMERICAN SOCIETY OF HEATING, REFRIGERATION, AIR CONDITIONING ENGINEERS ASME AMERICAN SOCIETY OF MECHANICAL ENGINEERS ASPE AMERICAN SOCIETY OF PLUMBING ENGINEERS ASR AUTOMATIC SPRINKLER RISER AV ACID VENT AW ACID WASTE B BFP REDUCED PRESSURE BACKFLOW PREVENTER BHP BRAKE HORSEPOWER BSP BLACK STEEL PIPE BT BATHTUB BTU BRITISH THERMAL UNIT BTUH BRITISH THERMAL UNIT BTUH BRITISH THERMAL UNIT PER HOUR C C C CENTIGRADE (CELSIUS) CA COMPRESSED AIR CGA COMPRESSED AS ASSOCIATION CFM CUBIC FEET PER MINUTE CI CAST IRON CO CLEANOUT CS CLINICAL SINK CV CONTROL VALVE	DCW DOMESTIC COLD WATER DFU DRAINAGE FIXTURE UNITS DHW DOMESTIC HOT WATER DHWR DOMESTIC HOT WATER RETURN DHWS DOMESTIC HOT WATER RETURN DHWS DOMESTIC HOT WATER SUPPLY DI DEIONIZED WATER DN DOWN DS DOWNSPOUT DW DISHWASHER DWG DRAWING DWH DOMESTIC WATER HEATER DWR DRINKING WATER RETURN DWS DRINKING WATER SUPPLY DWV DRAIN WASTE VENT E EL ELEVATION EMCS ENERGY MONOSERRAT AND CENTRAL SYSTEM EPA ENVIRONMENTAL PROTECTION AGENCY EPACT ENERGY POLICY ACT ESC ESCUTCHEON ESH EMERGENCY SHOWER ET EXPANSION TANK ETR EXISTING TO REMAIN EWH ELECTRIC WATER HEATER EWS EYE WASH STATION EWS/SH EYE WASH STATION EWS/SH EYE WASH ORENCH SHOWER EX. EXISTING F F FAHRENHEIT FCO FLOOR CLEANOUT FCW FILTERED COLD WATER FD FLOOR DRAIN FDC FIRE DEPARTMENT (HOSE) CONNECTION FFA FROM FLOOR ABOVE FFB FROM FLOOR BBLOW FM FLOOW METER FOP FUEL OIL PUMP FOR FUEL OIL RETURN FOS FUEL OIL SUPPLY FOV FUEL OIL SUPPLY FOR FUEL OIL SUP	GCO GRADE CLEANOUTS GPD GALLONS PER DAY GPH GALLONS PER HOUR GPM GALLONS PER HOUR GPM GALLONS PER MINUTE GPR GAS PRESSURE REGULATOR GPS GAS REGULATOR STATION GT GREASE TRAP GVTR GAS VENT THROUGH ROOF GW GREASE WASTE GWH GAS FIRED UNIT HEATER H H&CW HOT & COLD WATER HB HOSE BIBB HD HUB DRAIN HP HORSEPOWER HS HAND SINK HST HOT WATER STORAGE TANK (DOMESTIC) HWB HOT WATER BOILER HWCP HOT WATER CIRCULATING PUMP HWB HOT WATER CIRCULATING PUMP HWP HOT WATER CIRCULATING PUMP HWP HOT WATER ROUP HWP HOT WATER ROUP HWP HOT WATER CIRCULATING PUMP HW HOT WATER PUMP HYD HYDRANT I I ID INSIDE DIAMETER INC NOT INV INVERT IPC INTERNATIONAL PLUMBING CODE IRW IRRIGATION WATER INV INVERT IPC INTERNATIONAL PLUMBING CODE IRW IRRIGATION WATER INV INDIRECT WASTE IWH INSTANTANEOUS WATER HEATER IWR INDUSTRIAL WATER RETURN IWS INDUSTRIAL WATER SUPPLY OC ONC OD OUT OFD OVE	CHANICAL EQUIPMENT ROOM IHOLE MORANDUM OF UNDERSTANDING P SERVICE BASIN PICAL VACUUM RI RP RO ROUS OXIDE RMALLY CLOSED URAL GAS IN CONTRACT RMALLY OPEN MINAL I POTABLE WATER TO SCALE RO ROM SCH ROUS OXIDE RMAL SAN SMACN ROUS OXIDE RMALLY OPEN ROUS OXIDE RMALLY OPEN RMALY OPEN RMALLY OPEN RMALLY OPEN RMALLY OPEN RMALLY OPEN RMALLY OPEN RMALL	PRESSURE TEMPERATURE RELIEF VALVE POTABLE WATER INTENTIONALLY LEFT BLANK ROOF DRAIN ROOF DRAIN LEADER ROOF LEADER RECIRCULATION PUMP REVERSE OSMOSIS RAIN WATER LEADER SANITARY SEWER CNA SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION STANDARD CUBIC FEET PER MINUTE SOFTENED COLD WATER H STORM DRAIN MANHOLE SANITARY MANHOLE SUMP PUMP SPRINKLER LINE	T TCV TEMPERATURE CONTROL VALVE TD TEMPERATURE DIFFERENCE TD TRENCH DRAIN TDH TOTAL DYNAMIC HEAD TEMP TEMPERATURE TFA TO FLOOR ABOVE TFB TO FLOOR ABOVE TFB TO FLOOR SELOW TMV THERMOSTATIC MIXING VALVE TP TRAP PRIMER TSTAT THERMOSTAT TWR TEMPERED WATER RETURN TWS TEMPERED WATER SUPPLY TYP TYPICAL U UF UNDER FLOOR V V VENT VAC VACUUM VB VACUUM BREAKER VCO VACUUM CLEANER OUTLET VP VACUUM PUMP VS VENT STACK VSD VARIABLE SPEED DRIVE VTR VENT THROUGH ROOF W W WASTE WC WATER CLOSET WCO WALL CLEANOUT WG WATER GAGE WH WALL HYDRANT WH WASTE HEATER WHA WATER SIDE PRESSURE DROP WS WASTE STACK WSFU WATER SUPPLY FIXTURE UNITS	X X INTENTIONALLY LEFT BLANK Y YCO YARD CLEANOUT YH YARD HYDRANT Z Z INTENTIONALLY LEFT BLANK	ROOM TAG OWNER FURNISHED, CONTRACTOR INSTALLED EQUIPMENT DESIGNATION XX-1 PLUMBING EQUIPMENT DESIGNATION DETAIL NUMBER SHEET NUMBER SECTION NUMBER SHEET NUMBER SHEET NUMBER
EXISTING TO REMAIN EXISTING TO BE DEMOLISHED	CONNECT NEW TO E	— AV — ACID VENT —		ER RECIRC. ————————————————————————————————————	TURAL GAS ———MV———	- — MEDICAL VACUUM - — NITROGEN	SOFTENED COLD WATER (SCW) SS SANITARY SEWER STORM DRAIN
NEW PIPE BID DEDUCTION PLUMBING PIPING SYMBOLS ANCHOR BACKFLOW PREVENTER	DIRECTION OF PIPE PITCH (DOWN)	CD————————————————————————————————————	— — — — — — DOMESTIC HOT WATER — — — — FCW— — — FILTERED COLD WATER — — — FOD — — FUEL OIL DISCHARGE — FOS — FUEL OIL SUPPLY NONFREEZE WALL HYDRANT — —	ER — – — LA — – — LAB	ORATORY AIR ———————————————————————————————————	NON POTABLE WATER (NPW) ORAL EVACUATION OXYGEN	— — VE- — — MEDICAL VACUUM EXHAUST — — V- — — VENT — — 140° — 140° DOMESTIC HOT WATER (140°) — — — — — — — THERMOMETER — — — — UNION
NEW PIPE BID DEDUCTION PLUMBING PIPING SYMBOLS ANCHOR	DIRECTION OF FLOW DIRECTION OF PIPE	CD————————————————————————————————————	PIPE DROP	PRESSURE AND TEMPERATURE TEST PLUG	ORATORY AIR ———————————————————————————————————	NON POTABLE WATER (NPW) ORAL EVACUATION OXYGEN TEE	— V- — — VENT ————————————————————————————————————
BID DEDUCTION PLUMBING PIPING SYMBOLS ANCHOR BACKFLOW PREVENTER CAP	DIRECTION OF FLOW DIRECTION OF PIPE PITCH (DOWN) FLANGE CONNECTION CHECK VALVE GLOBE VALVE MANUAL OR AUTOMATIC AIR VENT	CD————————————————————————————————————	— FCW— - — FILTERED COLD WATER — FOD — FUEL OIL DISCHARGE FOS — FUEL OIL SUPPLY NONFREEZE WALL HYDRANT — PIPE RISER — PIPE DROP PLUMI SAFETY RELIEF VALVE THERMOSTATIC MIXING VALVE	PRESSURE AND TEMPERATURE TEST PLUG PRESSURE GAUGE PUMP	ORATORY AIR ———————————————————————————————————	NON POTABLE WATER (NPW) ORAL EVACUATION OXYGEN TEE TEE UP TEE DOW	— V- — — VENT ————————————————————————————————————

FULLY SPRINKLERED 100% BID SET

VA U.S. Department of Veterans Affairs

Project Number 589-704 Veterans Health Administration

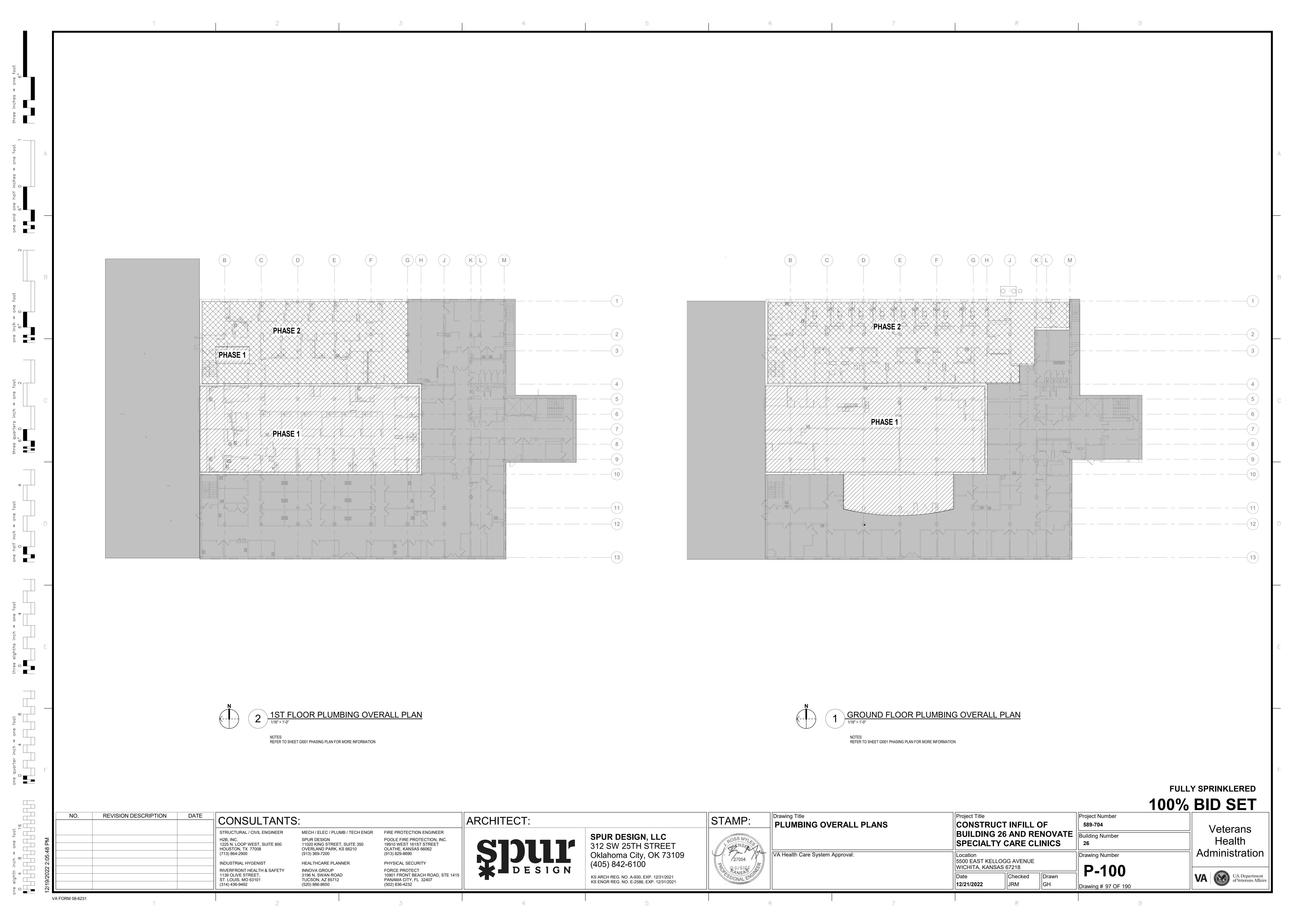
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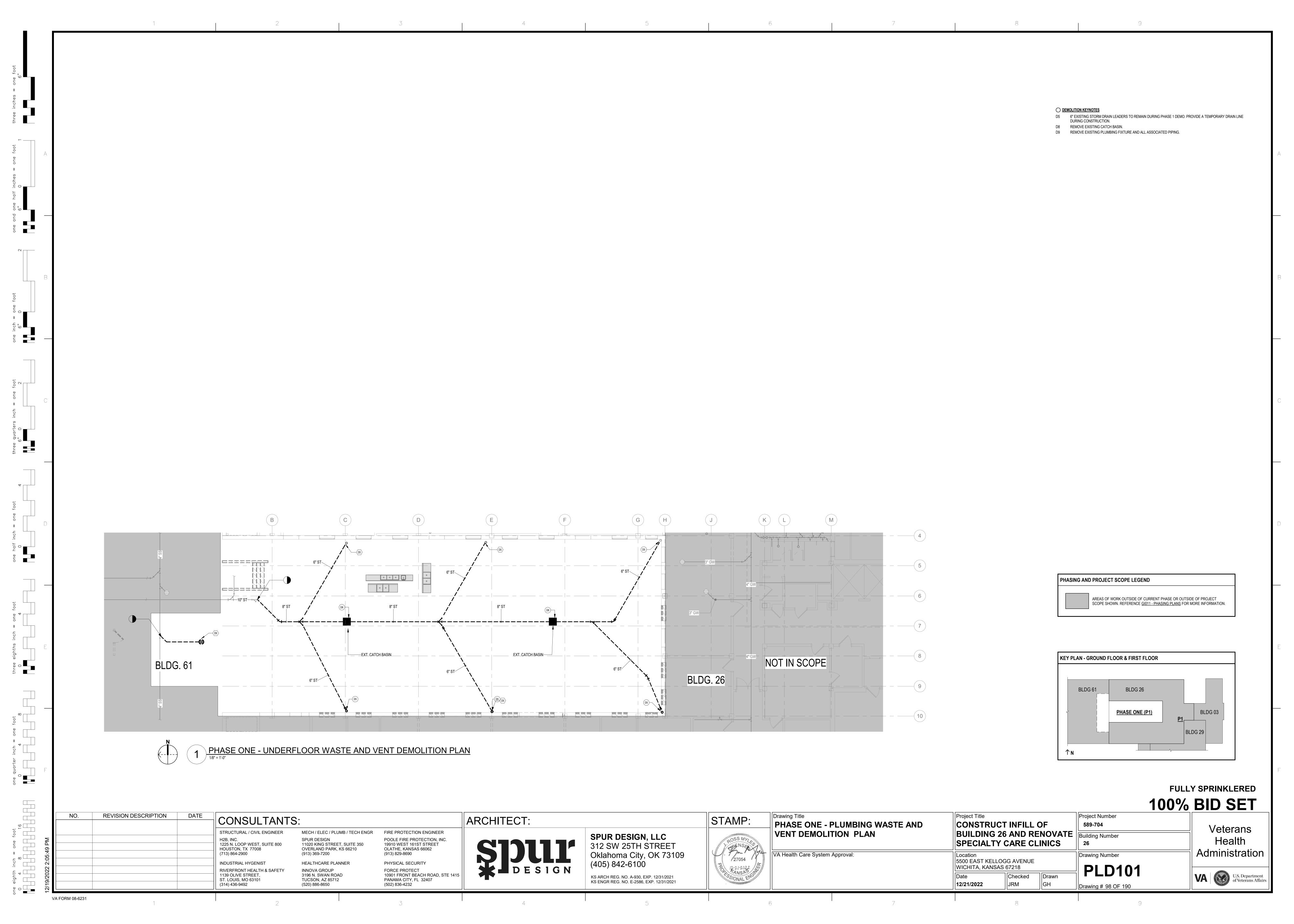
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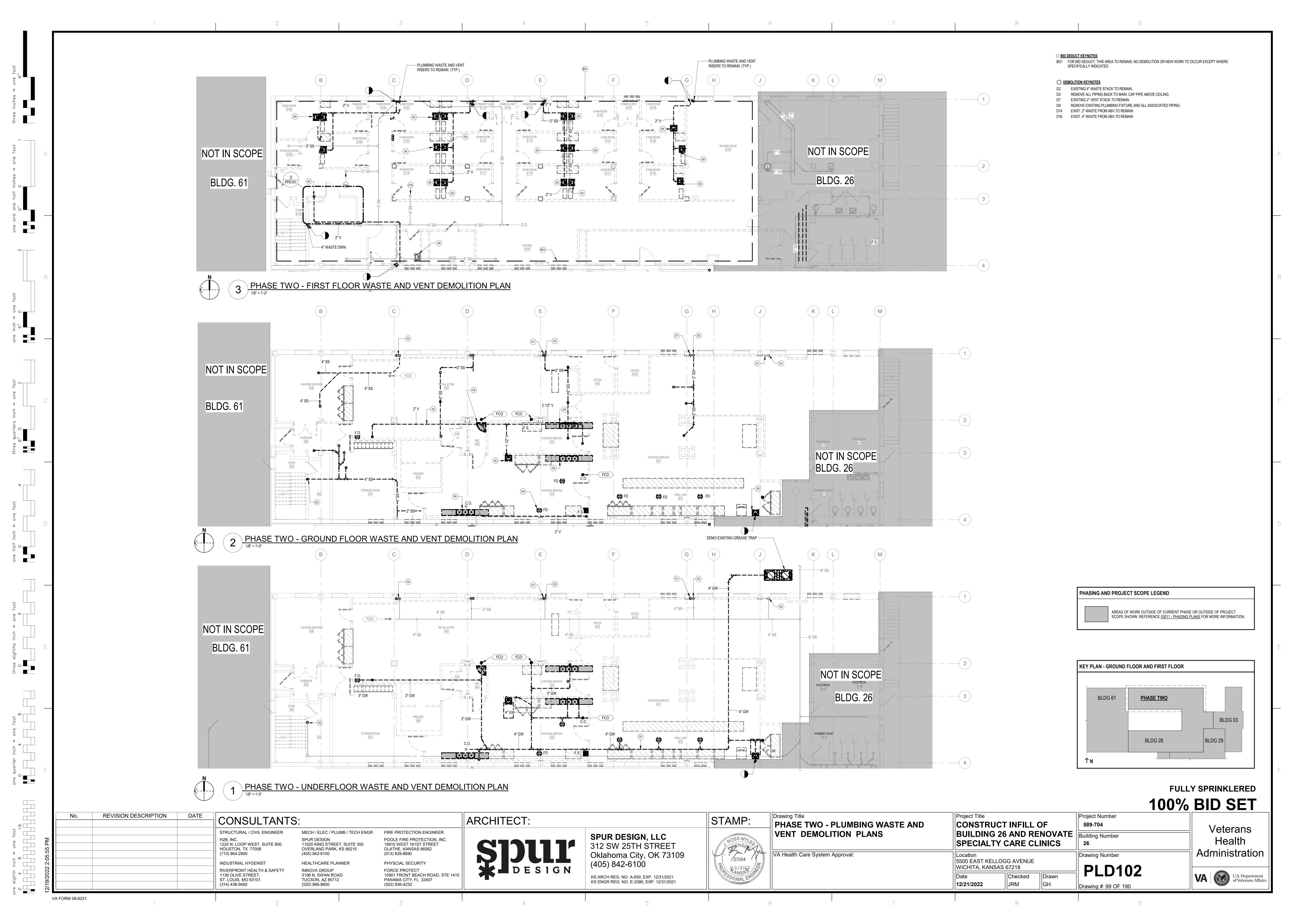
Drawing # 96 OF 190

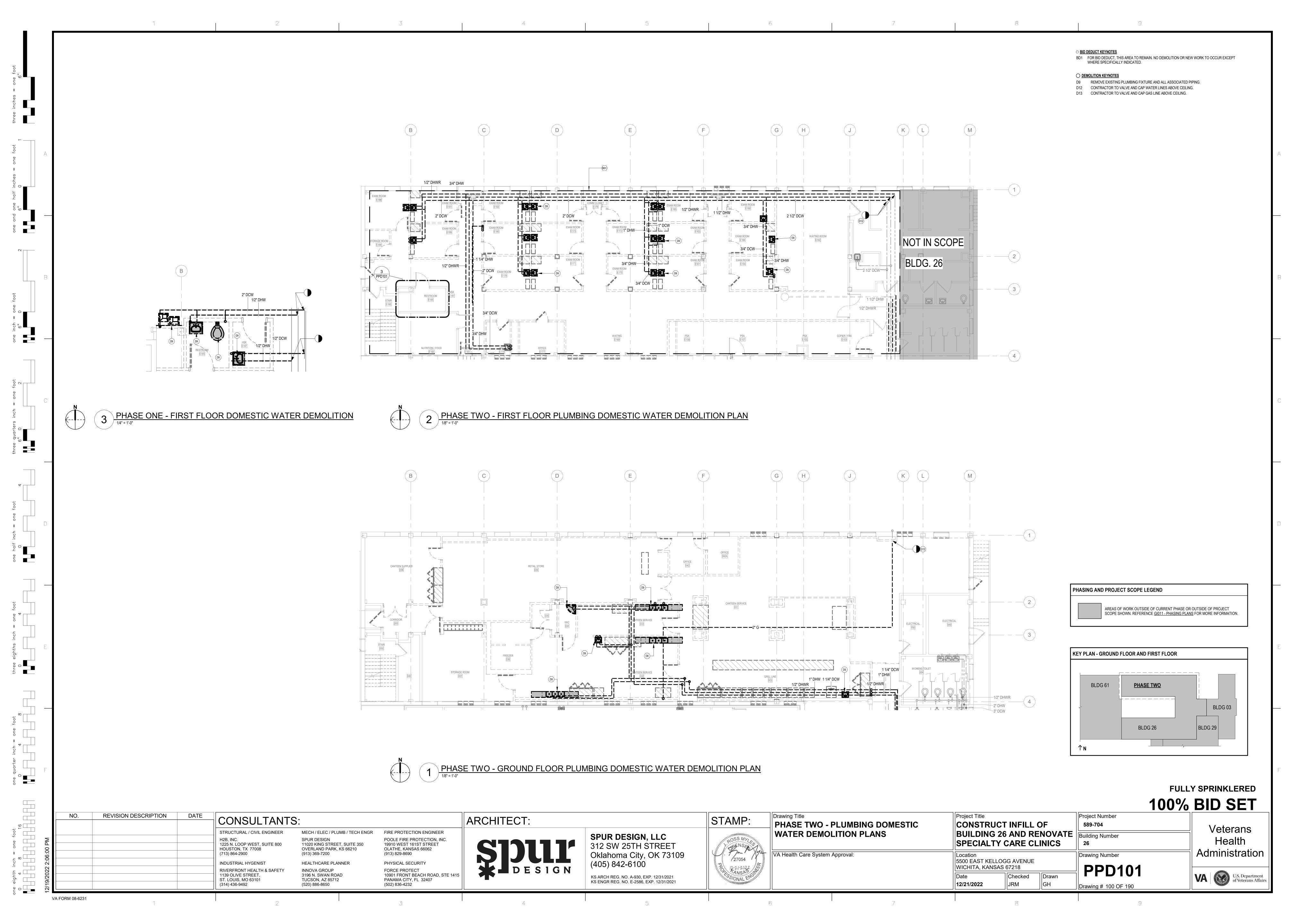
REVISION DESCRIPTION DATE Project Title Drawing Title ARCHITECT: STAMP: CONSULTANTS: PLUMBING LEGEND CONSTRUCT INFILL OF BUILDING 26 AND RENOVATE Building Number STRUCTURAL / CIVIL ENGINEER MECH / ELEC / PLUMB / TECH ENGR FIRE PROTECTION ENGINEER SPUR DESIGN, LLC H2B, INC. 1225 N. LOOP WEST, SUITE 800 HOUSTON, TX 77008 (713) 864-2900 SPUR DESIGN 11020 KING STREET, SUITE 350 OVERLAND PARK, KS 66210 (405) 842-6100 POOLE FIRE PROTECTION, INC. 19910 WEST 161ST STREET OLATHE, KANSAS 66062 (913) 829-8690 SPECIALTY CARE CLINICS 27054 L 312 SW 25TH STREET Oklahoma City, OK 73109 VA Health Care System Approval: Location 5500 EAST KELLOGG AVENUE (405) 842-6100 INDUSTRIAL HYGENIST HEALTHCARE PLANNER PHYSCIAL SECURITY WICHITA, KANSAS 67218 RIVERFRONT HEALTH & SAFETY 1139 OLIVE STREET, ST. LOUIS, MO 63101 (314) 436-9492 INNOVA GROUP 3196 N. SWAN ROAD TUCSON, AZ 85712 (520) 886-8650 FORCE PROTECT 10901 FRONT BEACH ROAD, STE 1415 PANAMA CITY, FL 32407 (502) 836-4232 Drawn KS ARCH REG. NO. A-930, EXP. 12/31/2021 KS ENGR REG. NO. E-2586, EXP. 12/31/2021 Checked 12/21/2022 JRM

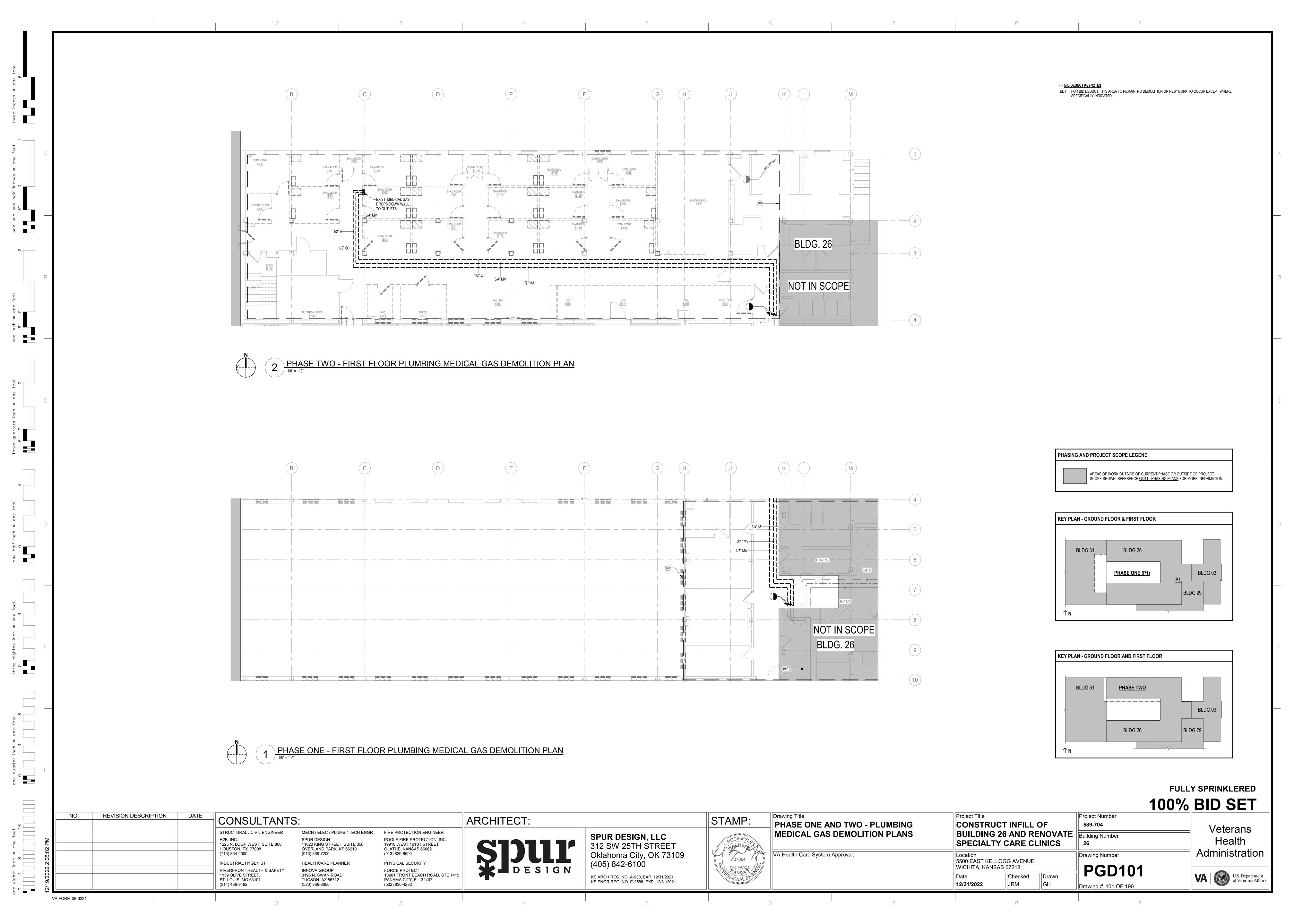
VA FORM 08-6231

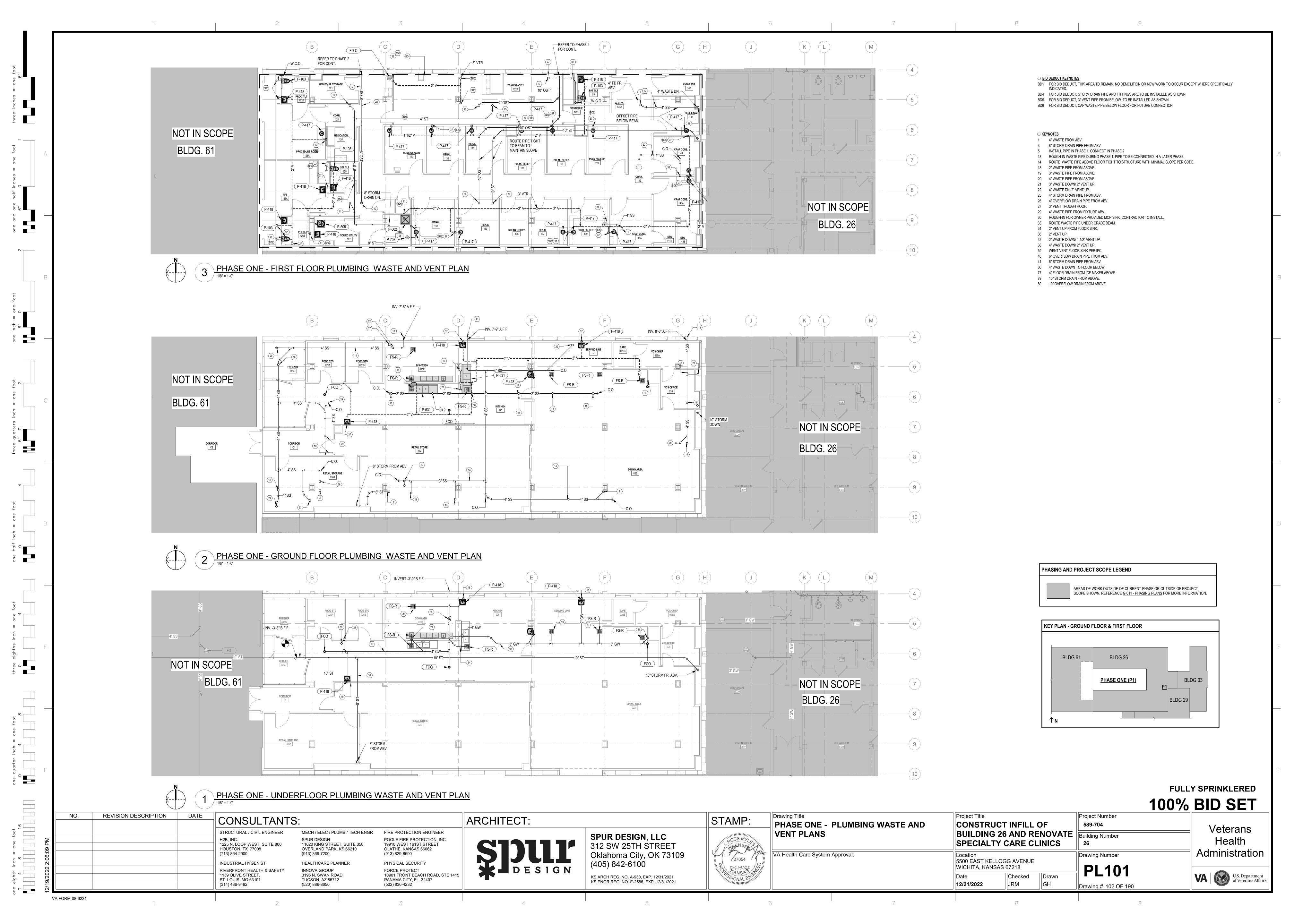


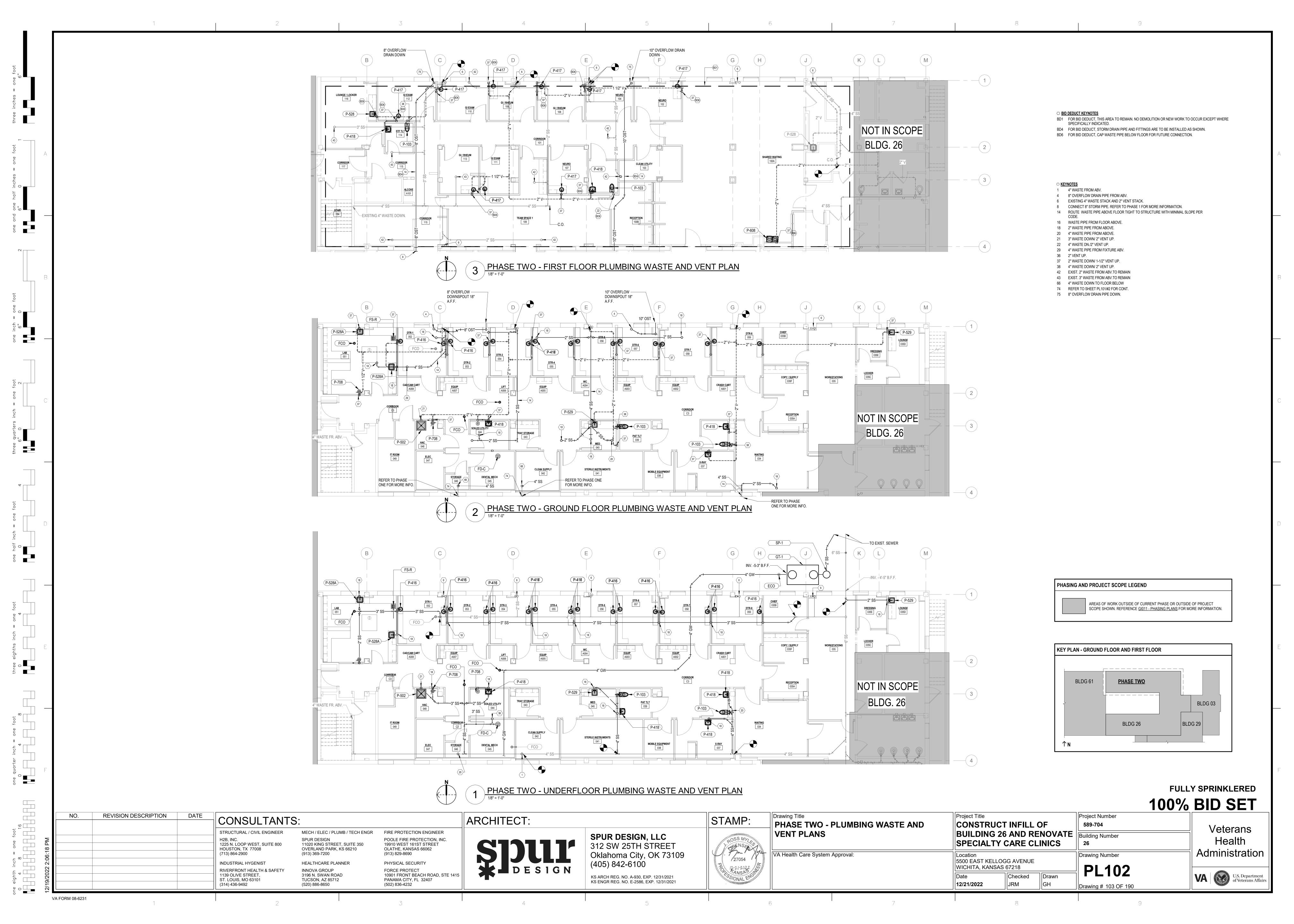




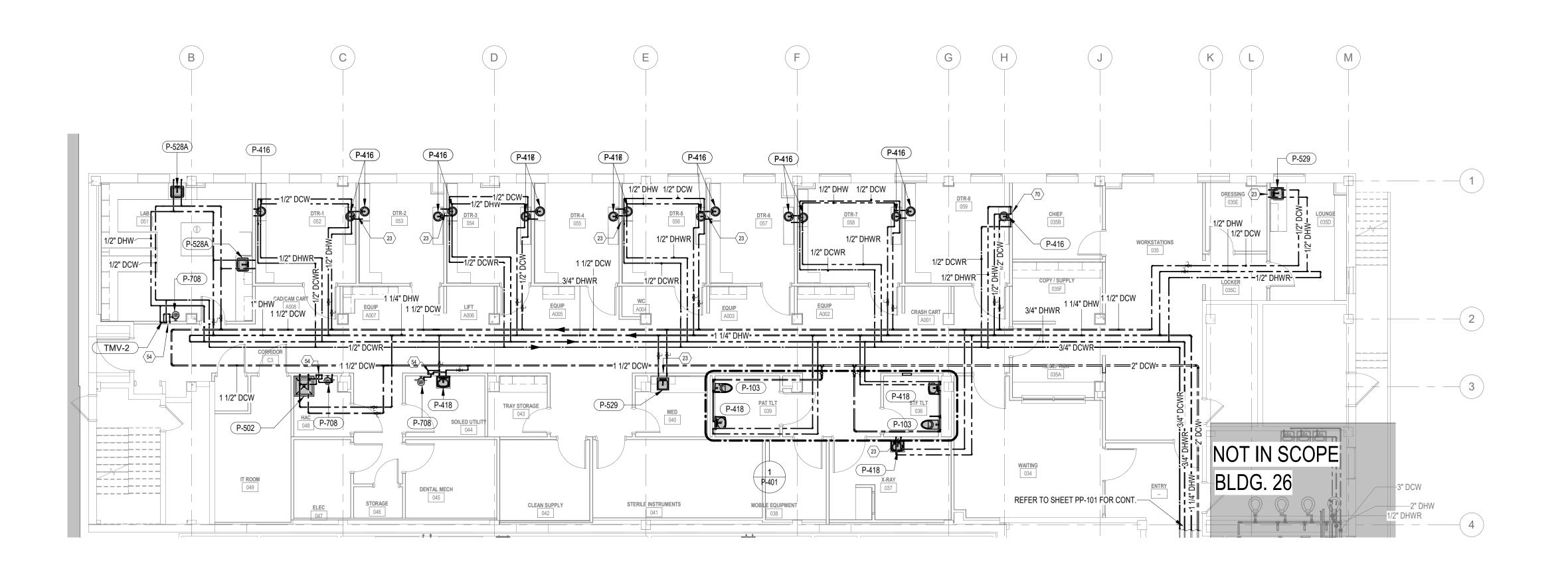








CONNECT EXISTING HOT WATER LOOP-SHARED WAITING NOT IN SCOPE 2 1/2" DCW BLDG. 26 REFER TO SHEET PP-101 -FOR CONT. PHASE TWO - FIRST FLOOR PLUMBING DOMESTIC WATER PLAN



PHASE TWO - GROUND FLOOR PLUMBING DOMESTIC WATER PLAN
1/8" = 1'-0"

BD1 FOR BID DEDUCT, THIS AREA TO REMAIN. NO DEMOLITION OR NEW WORK TO OCCUR EXCEPT WHERE

54 ROUTE 1/2" DHW & DCW DOWN TO TMV FOR P-708 EMERGENCY EYEWASH.

○ BID DEDUCT KEYNOTES

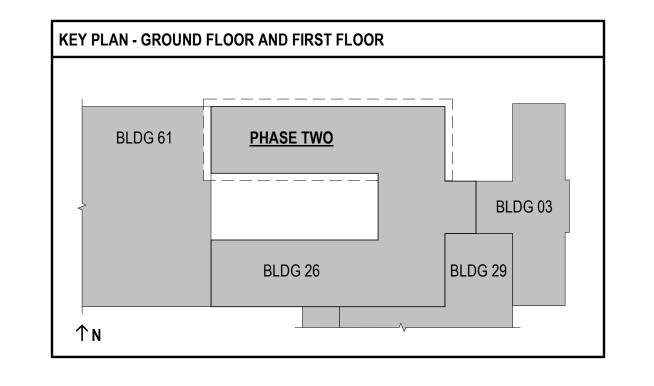
SPECIFICALLY INDICATED.

23 1/2" DHW/DCW DN TO FIXTURE. 52 1" DCW TO WATER CLOSET (TYP.)

70 1/2" DHW/DCW AND 1/2" DHWR/DCWR TO FIXTURE.

71 0.25 GPM AUTO BALANCE VALVE (TYP.)

PHASING AND PROJECT SCOPE LEGEND AREAS OF WORK OUTSIDE OF CURRENT PHASE OR OUTSIDE OF PROJECT SCOPE SHOWN. REFERENCE GI011 - PHASING PLANS FOR MORE INFORMATION.

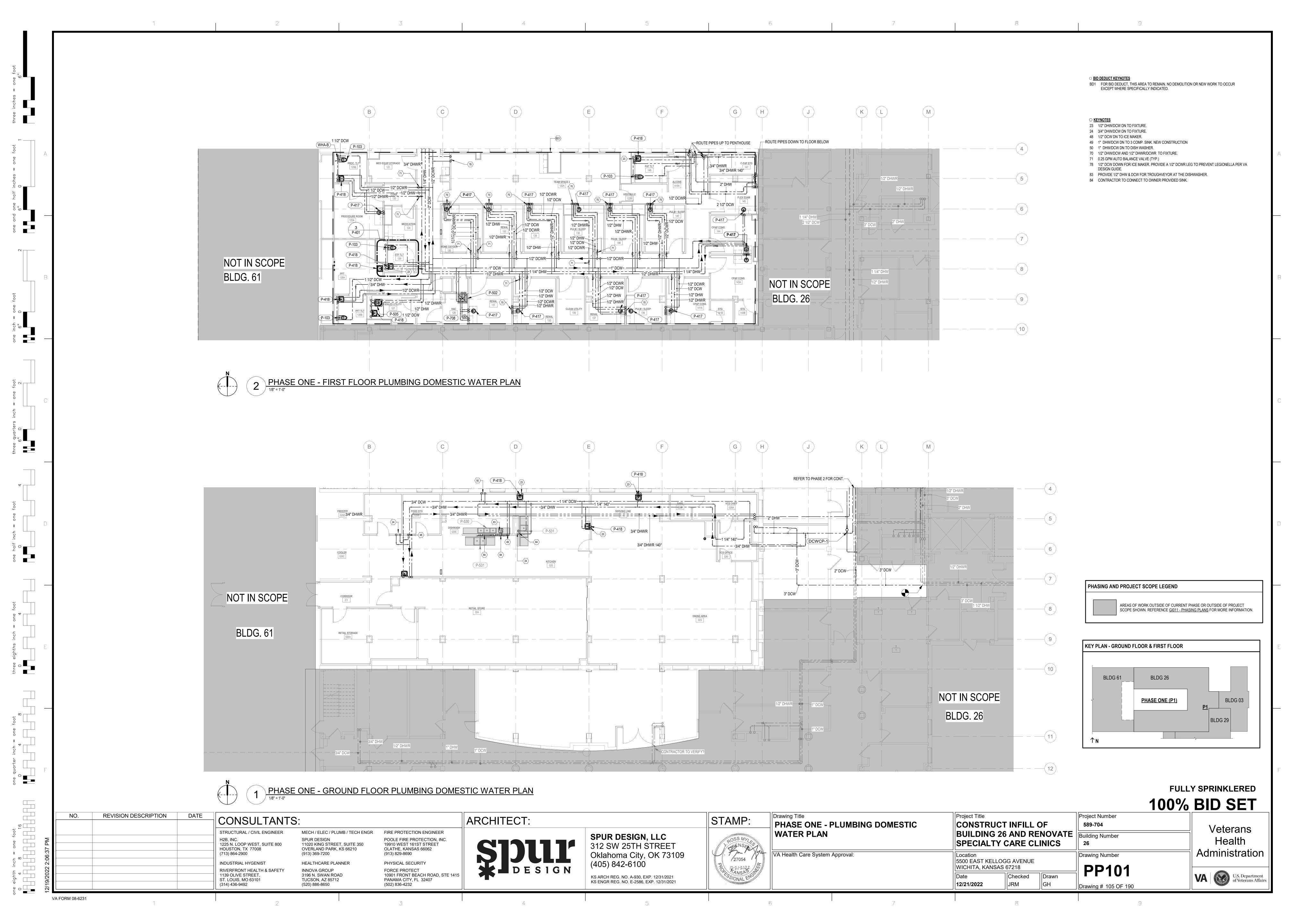


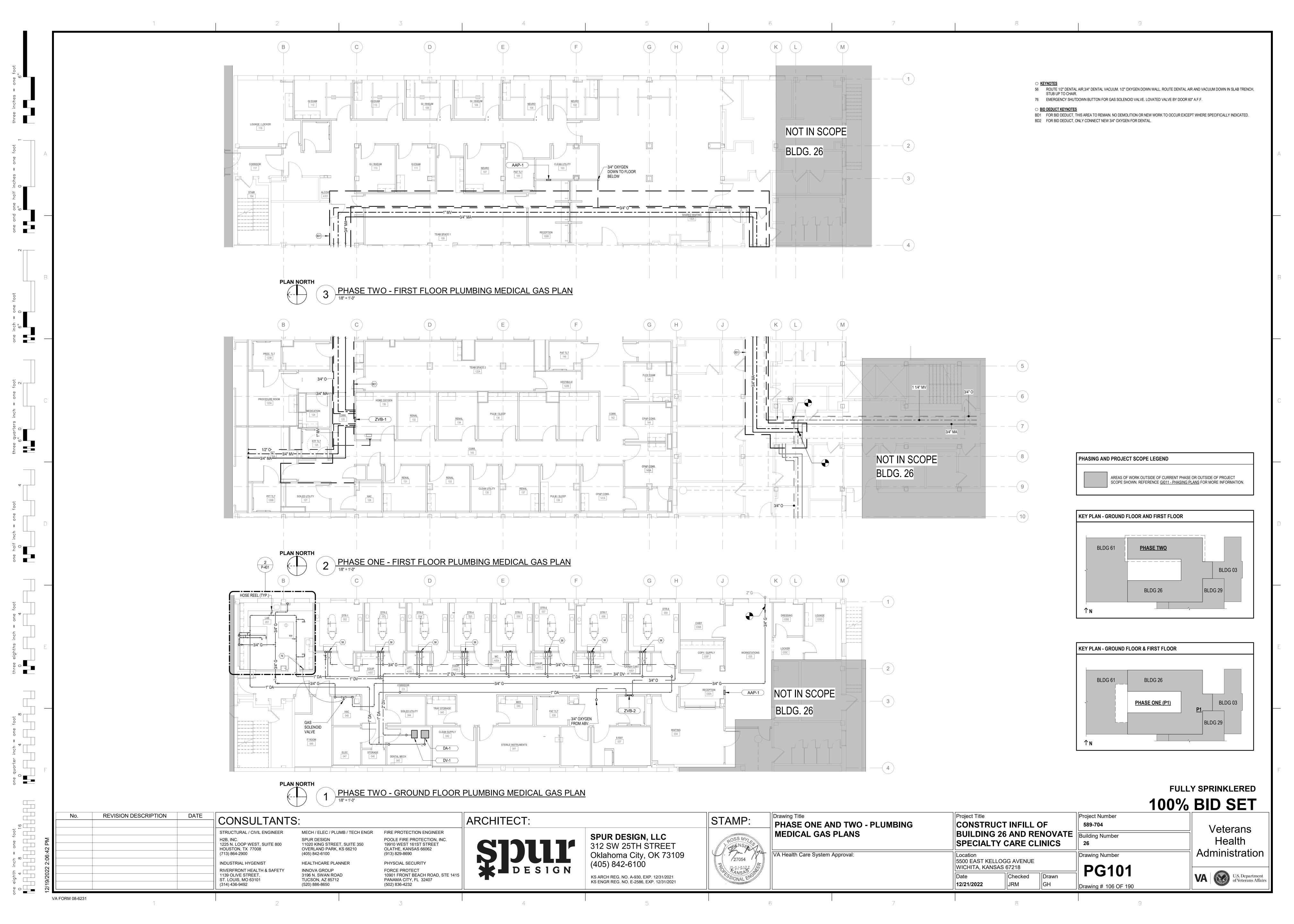
FULLY SPRINKLERED

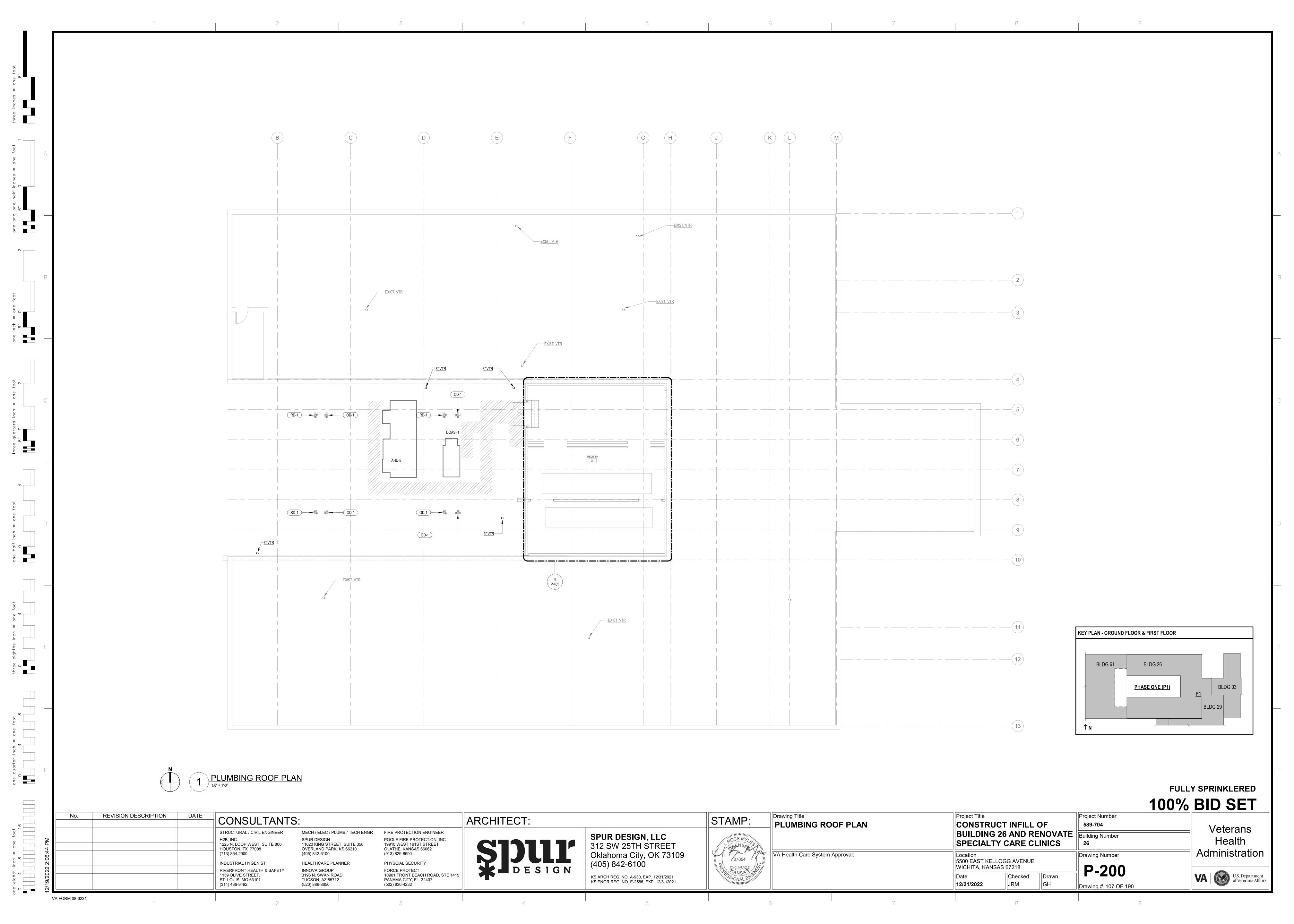
100% BID SET

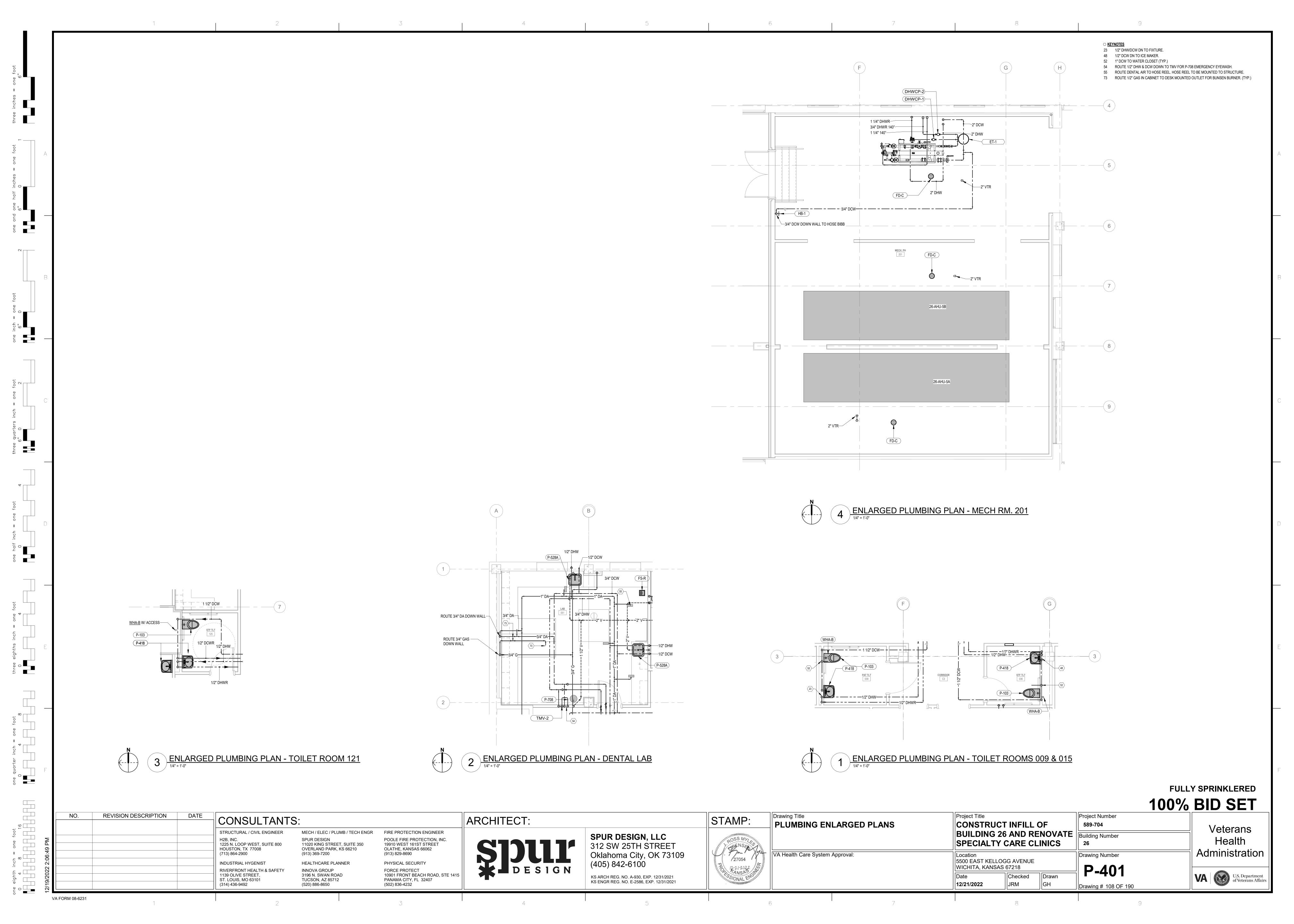
REVISION DESCRIPTION DATE Project Title Drawing Title Project Number ARCHITECT: STAMP: **CONSULTANTS:** PHASE TWO - PLUMBING DOMESTIC CONSTRUCT INFILL OF 589-704 Veterans BUILDING 26 AND RENOVATE Building Number **WATER PLAN** STRUCTURAL / CIVIL ENGINEER MECH / ELEC / PLUMB / TECH ENGR FIRE PROTECTION ENGINEER SPUR DESIGN, LLC Health POOLE FIRE PROTECTION, INC. 19910 WEST 161ST STREET H2B, INC. SPUR DESIGN SPECIALTY CARE CLINICS 312 SW 25TH STREET 11020 KING STREET, SUITE 350 1225 N. LOOP WEST, SUITE 800 27054 HOUSTON, TX 77008 OVERLAND PARK, KS 66210 OLATHE, KANSAS 66062 Administration Oklahoma City, OK 73109 (713) 864-2900 (913) 369-7200 (913) 829-8690 VA Health Care System Approval: Drawing Number Location 5500 EAST KELLOGG AVENUE (405) 842-6100 INDUSTRIAL HYGENIST HEALTHCARE PLANNER PHYSICAL SECURITY **PP102** WICHITA, KANSAS 67218 FORCE PROTECT 10901 FRONT BEACH ROAD, STE 1415 PANAMA CITY, FL 32407 (502) 836-4232 INNOVA GROUP 3196 N. SWAN ROAD RIVERFRONT HEALTH & SAFETY VA U.S. Department of Veterans Affairs 1139 OLIVE STREET, KS ARCH REG. NO. A-930, EXP. 12/31/2021 KS ENGR REG. NO. E-2586, EXP. 12/31/2021 Drawn Checked TUCSON, AZ 85712 (520) 886-8650 ST. LOUIS, MO 63101 ı|JRM 12/21/2022 (314) 436-9492 Drawing # 104 OF 190

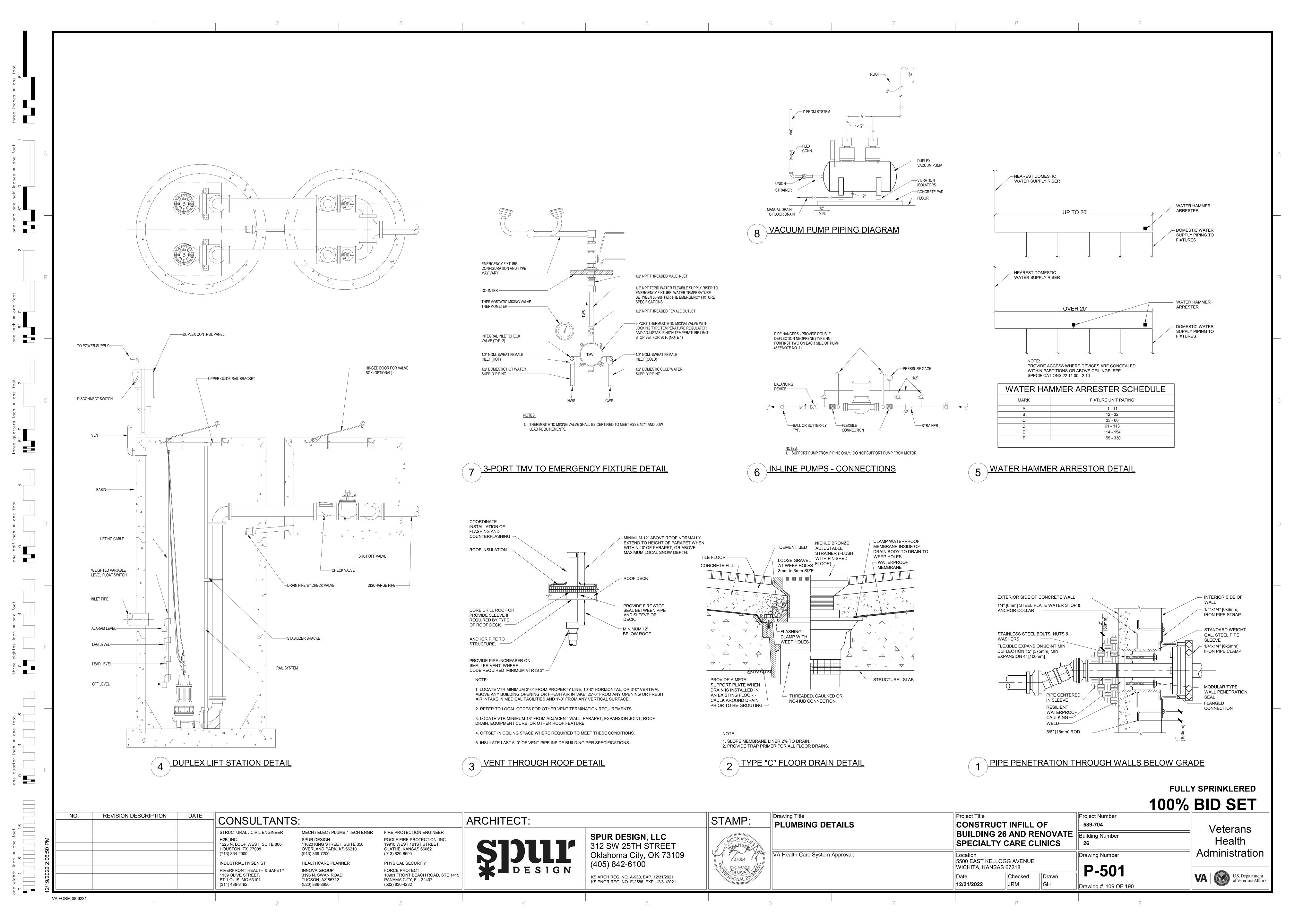
VA FORM 08-6231

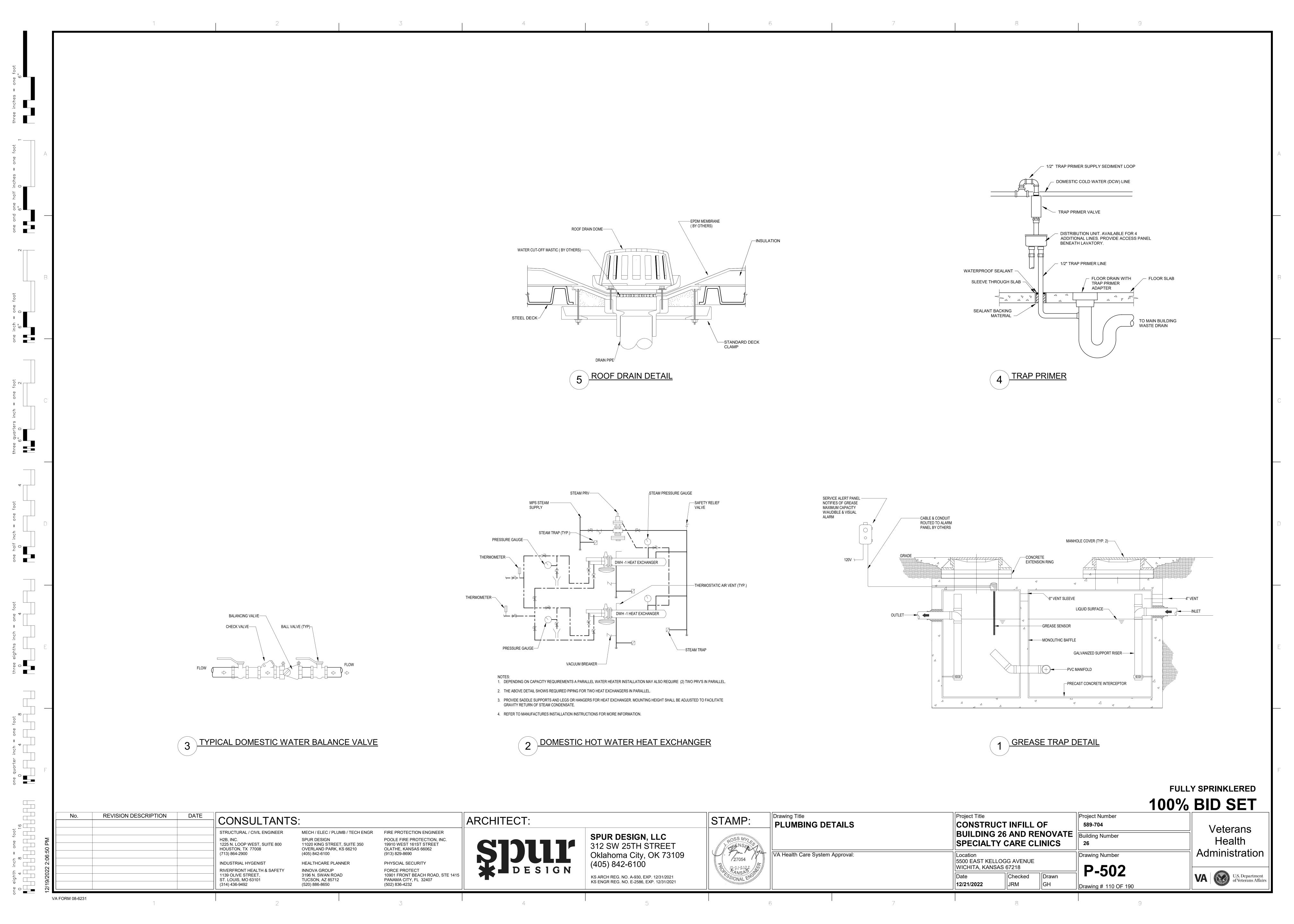












PLUMBING FIXTURE SCHEDULE WASTE FIXTURE WATER FIXTURE MANUFACTURER VENT (IN) UNITS AFWALL Millenium Flowwise Wall hung, sensor operated flush valve, elongated bowl, wall outlet. Sloan Regal 111-1.28 XL. Bemis Commercial Model 1655SSCT open elongated heavy duty plastic. Provide a zurn ZN1209-N4 narrow wall carrier or equal. American Standard Dental Sink American Standard Round 19" drop-in sink, first quality vitreous china with manual faucet. Provide point of use mixing valve. Exam Room Sink Round 19" drop-in sink, first quality vitreous china with manual faucet. Provide point of use mixing valve. American Standard Kentucky Straight back, first quality vitreous china with punching for sensor control faucet. Provide point of use mixing valve set to 110°. Lavatory, Public American Standard TNC24-TF2 Service Sink Acorn Engineering Square front, corner terrazzo mop basin, flat white. Includes integral stainless steel drain assembly. Clinic Service Sink 9504.999.020 Floor mount, Flushinfg Rim with Guards. Manual flush valve with foot pedeals. American Standard Waiting Room Sink LRAD191965PD Single compartment stainless steel sink, drop-in, self-rimming, ledge-type, connected with a drain and provided with a mixing faucet. Single compartment stainless steel sink, drop-in, self-rimming, ledge-type, connected with a plater trap and provided with a mixing faucet. Elkay LRAD191965PD Breakroom Sink Elkay D11719 Single compartment stainless steel sink, drop-in, self-rimming, ledge-type, connected with a drain and provided with a mixing faucet. EAGLE GROUP Dish Wash Sink FN2060 - 30-14/3 Free Standing Stainless Steel Three compartment prep-sink. with wall mount faucet. Provide a spray faucet. Shown for reference only, sink provided by owner. EAGLE GROUP FN2040-2-24 Free Standing Stainless Steel two compartment prep-sink. with wall mount faucet. Shown for reference only, sink is provided by owner Prep-Sink Electric Water Cooler Elkay LMABFTL8WS Drinking fountain, with bottle filler wall hung eye wash bubbler, with mixing valve located in cabinet near by. Mixed temperature range 60° -100° for tepid water Emergency Eye & Face Wash Acorn Safety

	PUMP SCHEDULE									
	BASIS OF DESIGN CONNECTION ELECTRICAL DATA									
MARK	MANUFACTURER	MODEL NO.	BODY MATERIAL	FLOW (GPM)	HEAD (FT)	TYPE	CONNECTION SIZE	HP	VOLTS/ PH	NOTES
DCWCP-1	Taco	034e	C.I. Body	13	25	Flanged	1"	1/4	208 V	SEE NOTES 1-4
DHWCP-1	Taco	034e	C.I. Body	13	25	Flanged	1"	1/4	208 V	SEE NOTES 1-4
DHWCP-2	Taco	007e	C.I. Body	3	5	Flanged	3/4"	1/25	110 V	SEE NOTES 1-4
SP-1	ZOELLER	912-1082/M264	C.I. Body	45	15	Threaded	2"	1/2	115 V	SEE NOTES 2 & 3

SUPPORT PUMP FROM STRUCTURE WITH VERTICAL SUPPORTS INDEPENDENT FROM PIPING.
 DISCONNECT SWITCH FURNISHED BY DIVISION 26 CONTRACTOR.

3. STARTER FURNISHED BY DIVISION 26 CONTRACTOR.

4. RECIRCULATION PUMP IS ON AND TO RUN CONTINUOUSLY.

	PLUMBING EQUIPMENT SCHEDULE GREASE TRAP							
	BASIS OF DESIGN GREASE CAP.							
MARK	DESCRIPTION	MANUFACTURER	MANUFACTURER MODEL NO. (LBS) Length (L) Width (W) Height (H) NOTES					
GT-1								

MEDICAL GAS DEVICE SCHEDULE								
			VALVES I	NCLUDED				
MARK	DEVICE	BASIS OF DESIGN (MANUFACTURER / MODEL)	AIR	VACUUM	OXYGEN	NITROGEN	NIT. OXIDE	Comments
AAP-1	AREA ALARM	BEACON MEDAES / M3-A10-0						SEE NOTES 1-5
WO	Wall Outlet	BEACON MEDAES / Note - 4	Х	Х	X			SEE NOTES 1-5
ZVB-1	ZONE VALVE BOX	BEACON MEDAES / Notes - 1-6	Х	Х	Χ			SEE NOTES 1-5
ZVB-2	ZONE VALVE BOX	BEACON MEDAES / Notes - 1-6			X			SEE NOTES 1-5

1. PROVIDE COMPLETE INSTALLATION OF SYSTEMS PER NFPA 99 REQUIREMENTS AND MANUFACTURES RECOMMENDATIONS.

2. INSTALL ITEMS PER ARCHITECTURAL LOCATIONS AND ELEVATIONS LOCATED ON DRAWINGS. 3. DEVICES SHALL BE COMPATIBLE WITH EXISTING SITE FACILITIES. CONTRACTOR TO VERIFY AT SITE.

4. WALL OUTLETS SHALL BE QUICK-CONNECT PIN TYPE. MATCH WITH EXISTING, VERIFY AT SITE. 5. ZONE VALVE BOXES SHALL BE SAME SIZE AS PIPE THEY SERVE.

WATER HEATER SCHEDULE							
	BASI	S OF DESIGN					
MARK	MANUFACTURER	MODEL	GPM	INPUT (MBH)	CW TEMP. (F)	HW TEMP. (F)	
WH-1	ARMSTRONG	FRT66550	52	3250	40	140	

	EXPANSION TANK SCHEDULE (ET)								
	BASIS OF DESIGN TANK CAPACITY ACCEPTANCE MIN. MAX. MIN. PRESSURE MARK (MANUFACTURER/MODEL) (GAL) (GAL) TEMP.(°F) TEMP.(°F) (PSIG) NOTES								
ſ	ET-1	1 Taco / CBX254-125 67 34 55 140 150							

DENTAL AIR COMPRESSOR SCHEDULE							
	BASIS OF DESIGN	MOTOR		ELECTRICAL			
MARK	(MANUFACTURER/MODEL)	HP	DISCH. PRESS. RANGE	MCA (A)	VOLTS	NOTES	
DA-1	A-DEC / SC-10	2.5	86-106 psi	29	240		

DENTAL VACUUM SCHEDULE							
	BASIS OF DESIGN	MOTOR		ELECTRICAL			
MARK	(MANUFACTURER/MODEL)	HP	CAPACITY (CFM)	MCA (A)	VOLTS	NOTES	
DV-1	A-DEC / DV-10	3.4	74 cfm @ 8 Hg	22	240		

WATER HAMMER ARRESTOR				
PDI SYMBOL	FIXTURE UNITS			
A	1 - 11			
В	12 - 32			
С	33 - 60			
D	61 - 113			
E	114 - 154			
L .				

DENTAL ALARM PANEL SCHEDULE					
LOCATION	TYPE OF PANEL	GAGES	SERVICE INDICATOR LIGHTS		
DENTAL RECEPTION - ROOM 004A	AREA ALARM PANEL	YES	OXYGEN LINE PRESSURE LOW OXYGEN LINE PRESSURE HIGH TEST BUTTON		

MEDICAL ALARM PANEL SCHEDULE						
LOCATION	TYPE OF PANEL	GAGES	SERVICE INDICATOR LIGHTS			
RECEPTION AREA - ROOM 100B	AREA ALARM PANEL	YES	MEDICAL AIR (MA) DEW POINT HIGH MA FILTER PRESS DROP HIGH MA HIGH TEMP SHUTDOWN MA, O LINE PRESSURE LOW MA,O LINE PRESSURE HIGH TEST BUTTON			

FULLY SPRINKLERED

100% BID SET

REVISION DESCRIPTION DATE ST. LOUIS, MO 63101 (314) 436-9492

CONSULTANTS: STRUCTURAL / CIVIL ENGINEER H2B, INC. 1225 N. LOOP WEST, SUITE 800 HOUSTON, TX 77008 (713) 864-2900 (913) 369-7200 INDUSTRIAL HYGENIST INNOVA GROUP 3196 N. SWAN ROAD TUCSON, AZ 85712 (520) 886-8650 RIVERFRONT HEALTH & SAFETY 1139 OLIVE STREET,

MECH / ELEC / PLUMB / TECH ENGR FIRE PROTECTION ENGINEER SPUR DESIGN 11020 KING STREET, SUITE 350 OVERLAND PARK, KS 66210 POOLE FIRE PROTECTION, INC. 19910 WEST 161ST STREET OLATHE, KANSAS 66062 (913) 829-8690 HEALTHCARE PLANNER PHYSICAL SECURITY

ARCHITECT:

SPUR DESIGN, LLC 312 SW 25TH STREET Oklahoma City, OK 73109 (405) 842-6100

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MP:	Drawing PLUN
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27054	VA Healtl
1-21-2022 HE TANSAS (R)	

MBING SCHEDULES alth Care System Approval:

Project Title CONSTRUCT INFILL OF BUILDING 26 AND RENOVATE Building Number SPECIALTY CARE CLINICS Location 5500 EAST KELLOGG AVENUE

Checked

JRM

Drawn

||GH

WICHITA, KANSAS 67218

12/21/2022

Project Number 589-704 Drawing Number P-601

Drawing # 111 OF 190

Veterans Health Administration

VA U.S. Department of Veterans Affairs

VA FORM 08-6231

one eighth inch = one foot

0 4 8 16

FORCE PROTECT 10901 FRONT BEACH ROAD, STE 1415 PANAMA CITY, FL 32407 (502) 836-4232

KS ARCH REG. NO. A-930, EXP. 12/31/2021 KS ENGR REG. NO. E-2586, EXP. 12/31/2021

