		Equipment	nt Schedule		Rough-In	n Requirements						Equipment Schedule	Rough-In Requi			
Name Count	ACQ Description	Notes Spec	Hot Cold Water Water	RO Water Steam	Vacuum Air	Drain Data	Electrical Me	lechanical Other Comments	Name Cour	t ACQ De	/ /	Notes Spec Hot Cold Water Water	d		Mechanical Other	r Comment
B WIRE CART (RELO FROM SPD) 3 O WIRE CART (RELO FROM SPD) 9	EVV Storage cart. Relocate existing. EVV Storage cart. Relocate existing.								MAIL SORTER 1	Free-standing sort module with minir	num 39 slots, approximately 36" wide X sorter for 8 1/2"x11" documents, 3 slots	10 55 00				
	EVV Storage cart. Relocate existing. EVV Storage cart. Relocate existing.								MB 3648 4		Solid for 0 1/2 x 11 documents, 0 slots	10 11 23				
M SPD) 2 CAGED WIRE CART (RELO 4 M SPD)	EVV Storage cart. Relocate existing.								METAL CABINET (RELO FROM C-003) 1 MICROWAVE MIRROR (MR1) 1	EVV Storage cabinet. Relocate existing. N.I.C. Microwave, not in contract.				120V standard		
/	EVV Work bench. Relocate existing.								MIRROR (MR2)	Refer to Electrical.	ts of a 1/4" plate glass in a sturdy	10 28 00				
44 WORK BENCH (RELO FROM 1	EVV Work bench. Relocate existing.								MOP BUCKET 2	corrosion resistant frame with waterp	roof back. ion, approximately 35" high X 17" wide X					
STORAGE CABINET 1	CC 45-gal. Acid Storage Cabinet, reinforced double walls with 1-1/2" airspace on sides, top, bottom and door, upper and lower vents, three-point button latch									general hard surface floor maintenar	ce	40.00.00				
	with keylock and 2" raised, leakproof sill. high-density polyethylene trays for the shelves and for the bottom. Trays resist rust and corrosion while containing up to 1 gal. of spill. Locking tabs secures trays on shelves. Two								MOP/BROOM HOLDER 2 MOTORIZED CONVEYOR MODULE 9	CC Surface-mounted, stainless steel hol holders and 5 rag hooks. CC Basis of design: Steris SCS Conveyor	•	10 28 00	5/32" 1 1/.	2" Yes 100V, 1p, 60hz,		
	manual-closing doors. One shelf. 45-gal. Acid Storage Cabinet features reinforced double walls with 1-1/2" airspace on sides, top, bottom and door, upper and lower vents, a three-point								MOTORIZED CONVETCIX MODULE	Dasis of design. Stens 300 conveys	in Motorized Module.	117100	0,02	15A; 200-240V, 1p, 50/60hz, 15A;	1	
	button latch with keylock and a 2" raised, leakproof sill. For additional protection, the Cabinet includes high-density polyethylene trays for the								MOTORIZED WASHER TRAY RETURN 1	CC Pagin of degigns Storie SCS Convove	or Motorized Poture Door	11 71 00	5/32" 1 1/	200-480V, 3p, 50/60hz, 15A		
	shelves and for the bottom. Trays resist rust and corrosion while containing up to 1 gal. of spill. Locking tabs secures trays on shelves. Two manual-closing doors. One shelf.								O.R. CLOCK 4 PAA DEDICATED MONITOR 1	CC Basis of design: Steris SCS Conveyor CC GPS synchronized time system clock CC Dedicated Display for Paracetic Acid	to match O.R.	27 53 13	5/32" 1 1/2	2" Yes 120V, 1p, 15A Yes 120V		 Contractor's Option
STORAGE CABINET (RELO) 1 SUN HOOK 9	EVV 45-gal. Acid Storage Cabinet, relocated existing.		00						PAA DEDICATED MONITOR	Chemdaq	Monitoring system. Dasis of design.					existing Chemda components and
MATED ENDOSCOPE LEAK 1	 CC Hook, stainless steel, surface-mounted, satin finish. For hanging air gun when not in use. EVV Automated Endoscope Leak dedector. Relocated Existing Medivator Veriscan 		1/2" NPT 1/2" NPT		1/4"	1" OD @ Yes	NEMA 5-15R 120V, 4" o	ducted Mixing valve set at 95F								necessary to fully with new compor PAA monitoring s
CTOR					.,.	18" AFF	1p, 60hz, 15A, exh	haust	PAA DEDICATED PC 1	CC Dedicated CPU with UPS for Parace design: Chemdaq	tic Acid Monitoring System. basis of					Contractor's Opti
MATED ENDOSCOPE 2 COCESSOR (RELO)	Automated Endoscope Reprocessor for flexible endoscopes, dual chamber, for flexible endoscopes. Relocate existing Medivator Advantage Plus.		1/2" NPT 1/2" NPT	-	1/4"	1" OD @ Yes 18" AFF	NEMA 5-15R 120V, 4" of 1p, 60hz, 15A, exh	ducted Mixing valve set at 95F haust								components and necessary to fully
MATIC CART WASHER 2	CC Pit-mounted automatic cart washer. Basis of design: Belimed CS720 - (270/200).	11 71 0	00 3/4" NPT garden hose	1" NPT -	1/2"	2" copper	J-Box, 208v, 5 wire, 10" 3p, 60hz, 50A exh	" ducted 3/4" Connection to automated haust condensate detergent dispensing syster	m PAA DEDICATED PRINTER 1	CC Dedicated printer for Paracetic Acid	Monitoring System hasis of design:					with new compor PAA monitoring s
			connecti on			& 3" floor			PAPER TOWEL DISPENSER 12	Chemdaq VC Surface-mounted, hands-free roll pa	per towel dispenser. 11" x 9.5" x 15".	10 28 00				
CODE READER 1	VV Barcode reader. and built in microphone; AC/DC. Requires convenience outlet at point of use					drain Yes	120V standard		PASS-THROUGH MAIL SLOT 4		box to catch paperwork, non-locking.	10 55 00				
CODE SCANNER 4	when not using batteries. VV Hardware for electronic tracking of instruments and equipment.					Yes	120V standard		PASS-THROUGH WINDOW 2	Basis of design: Salsbury Industries CC Window for passing items from Deco Storage Areas. Basis of design: Niss	ntamination to Preparation and Sterile	08 56 80				
VASTE RECEPTACLE 1	VV Frame for an infectious waste collection bag. Made of heavy tubular stainless						outlet		PORTABLE SUCTION (RELO) 14 PROJECTION SCREEN, 1	EVV Portable suction machine. Relocate		26 00 00		120V in ceiling		
DGICAL INDICATOR 4	steel with heavy gauge welded steel platform. Holds 25" hamper bags. Mounted on ball bearing casters. For linen transport EVV Equipment for incubation of biological testing. Basis of design: 3M Attest						120V standard		CEILING-MOUNTED	doors with white box and white door. remote for control. Screen is recess	Includes a single wall switch and a ed above ceiling. For a classroom,	20 00 00		120V III Celling		
CKER, DOUBLE (RELO FROM 3	EVV Equipment for incubation of biological testing. Basis of design: 3M Attest Biological Indicator Incubator 116. EVV Storage cabinet. Relocate existing						120V standard outlet		PROJECTOR, CEILING-MOUNTED 1	conference room, or large auditoriun	r shall be ceiling-mounted with aspect			Yes 120V in ceiling		
3)	EVV Storage cabinet. Relocate existing.								RACK, 2-SHELF 4 REFRIGERATOR 1	ratio of 16:9 (COORDINATE CEILIN CC Rack for use with new and existing ratio. N.I.C. Refrigerator, top freezer, approximat	elocated washer disinfectors.	11 71 00		120V stabdard		
_)	EVV Storage cabinet. Relocate existing.								REFRIGERATOR 1 REMOTE VIDEO DISPLAY 2		ely 28" wide X 31" deep. Not in contract. acetic Acid Monitoring System. basis of			120V stabdard outlet		Contractor's Op
CKER, SINGLE (RELO FROM 2	EVV Storage cabinet. Relocate existing.									design: Chemdaq	<u> </u>					existing Chemda components and
_)	EVV Storage cabinet. Relocate existing.															necessary to full with new compo PAA monitoring
,	EVV Storage cabinet. Relocate existing.								SANITARY NAPKIN DISPOSAL UNIT 2	CC Sanitary napkin disposal unit, stainle Basis-of-design: Bobrick B-35303.	,	10 28 00				
3)	EVV Storage cabinet. Relocate existing.								SEMI-AUTOMATED CONVEYOR 1 MODULE	CC basis-of-design: Steris SCS Conveyo	or - Motorized.	11 71 00	5/32" 1 1/2	2" Yes 120V, 1p, 15A		
CKER, TRIPLE (RELO FROM 2 .) CKER, TRIPLE (RELO FROM 3	EVV Storage cabinet. Relocate existing.								SHELVING 4 SHOWER CURTAIN AND ROD 5		eter satin finish stainless steel shower	10 28 00				
DBOARD RECYCLING BIN 1	EVV Storage cabinet. Relocate existing. VV Container for recycling cardboard.								SINGLE GARMENT HOOK 13	CC Hook, garment, single, stainless stee		10 28 00				
CART (RELO) 62	EVV Sterilizable loading cart. For use with cart loading sterilizers and washers to process, transport and store goods. Relocate existing.									wall plate. For general purpose use items of apparel	throughout the facility to hang various					
MICAL DISPENSING UNIT 2	VV Chemical dispensing unit for accurate dilution of cleaning chemicals. Basis of design: Ecolab EnCompass.		garden hose				120V standard outlet at 48" AFF		SNEEZEGUARD SPLATTER SHEILD 1	endoscopes with compressed air. B	, for protection from splatter when drying asis of design: Triumph buffet shield and				linear slot exhaust	linear slot exhau
6 G	VV Clock, battery, 12" diameter. Round surface, easy to read numbers with sweep second hand. Wall-mounted unit for use when impractical to install a fully-synchronized clock system. Battery operated, batteries not included								SOAP DISPENSER 12	breath guard. 20" high X 32" wide VV VA standard soap dinspenser as furi	, , ,	3/4" NF				backsplash
SED CASE TRANSFER CART 2 D FROM SPD)	EVV Case cart. Relocate existing.								STEAM GUN 1	10' detergent hose, detergent tank, t	ed with a 10' high pressure steam hose, wo nylon brushes, and one stainless steel	11 71 00 3/4" NF	PT 3/4" NPT			
EE BREWER 1	N.I.C. Coffee brewer. Not in contract.						120V standard			brush. Provides choice of steam only detergent, and hot water only. For us	y, steam and detergent, hot water and se to clean moisture-resistant items that					
/EYOR EXTENSION MODULE 6	CC Basis-of-design Steris SCS Conveyor - Lift Gate Short Extension (Non-powered).	11 71 0			5/32"	1 1/2" Yes			STEAM STERILIZER 1	otherwise might require hand scrubb CC Floor-mounted, through the wall, pre	vacuum steam sterilizer for the	11 71 00 3/4" NF	PT 3/4" NPT 1/4" NPT 2" C			
RGENT DISPENSING KIT, 4 JAL	VV Manual dispenser of multi-enzymatic low foaming detergent, kit includes wall pump, rack, and misc tubing	coordinate blocking requirements for mounting rack	,0							sterilization of medical instrumentation Evolution-NA Medium Steam Sterilization Heat to match existing.	on. basis of design: Steris Amsco er/Single Hinged Door/Recessed/Steam			50-60hz, 16A		
RGENT DISPENSING SYSTEM, 2 MATED	EVV (Existing to be relocated) Automated detergent dispensing system of enzymatic and solid neutral detergents. Mounting rail and tubing to be	coordinate blocking requirements for	1/2" or 3/4"				120V AC	conduit for detergent tubing provided b	STEAM STERILIZER (RELO) 2	EVC Floor-mounted, through the wall, pre sterilization of medical instrumentation	on. Existing relocated Steris Amsco	3/4" NF	PT 3/4" NPT 1/4" NPT 2" C	DD 208/240V, 3p, 50-60hz, 16A		
	provided by vendor. Contractor to provide conduit above ceiling for tubing to be fed through.							tubing	STEAM STERILIZER TRANSFER 2	Heat. CC Loading Car & Transfer Carriage for	er/Single Hinged Door/Recessed/Steam	11 71 00				
BLE GARMENT HOOK 13	CC Hook, Garment, Double, Stainless Steel, Surface Mounted, satin finish. Equipped with a concealed mounting bracket that is secured to a concealed wall plate. For general purpose use throughout the facility to hang various	10 28 0	0						CARRIAGE STEAM STERILIZER TRANSFER 2 STEAM STERILIZER TRANSFER 4	relocated. EVV Loading Car & Transfer Carriage for						
TRIC STEAM GENERATOR 1	items of apparel EVC Relocated existing Amsco Eagle Power Electric Steam Generator - 180 kW	11 71 0	00 1/2" NPT	1"		1"	power: 480V, 3p,		CARRIAGE (RELO) STERILE DRYING CABINET (RELO) 1	VV Sterile drying cabinet. Relocate exist	ing Olympic Model 44 which does not				4" exhaust	
D)							217A 180kw. Control: 120V, 1p,		STERILE DRYING CABINET, 3	have optional rear doors. CC Basis of design: Olympic Model 44 v	rith rear doors and side venting option.	11 71 00			4" exhaust	
DSCOPE PROCESSING SYSTEM 1	EVV Endoscope Processing System. Relocate existing Steris Reliance.		5/8" (2) 1/2"		1/ <u>4</u> "	1 1/2" Yes	60hz, 15A. Pump: 120V, 1p, 15A J-box: 208V, 3p,		PASS-THROUGH STORAGE SHELVING 4 THERMAL SPECIALTY PRINTER 1	CC Wire storage shelving with adjustable VV Printer for thermal labels.	e shelves.			1700watts 120V standard		
						163	30A. 120V, 1p for printer		THERMAL SPECIALTY PRINTER 1 TOILET TISSUE DISPENSER 4 TOWEL BAR 5	VV Printer for thermal labels. VV Wall-mounted toilet tissue dispenser CC 18" towel bar		10 28 00 10 28 00	 	12UV SIANGARG		
BATOR 1	Abatement system for the prevention of Ethylene Oxide discharge into the atmosphere. Basis of design to be compatible with existing relocated 3M Steri-Vac Model 50	11 71 0	00		1/4"		230V, 1p, 40A, w/ UPS 6"		TRANSFER CART 3 TRASH CAN 6	CC 18" towel bar CC Universal Transfer cart for washer/di VV VA standard 44 gallon round trash c	,	11 71 00	 			
BATOR (RELO) 1	Steri-Vac Model 50 EVC Abatement system for the prevention of Ethylene Oxide discharge into the atmosphere. Relocate existing 3M Steri-Vac model 50.	11 71 0	JO		1/4"		230V, 1p, 40A, w/ 6" UPS		TRASH CART 1	VV VA standard 44 gallon round trash c VV Heavy duty trash cart, 42" H X 74" W rubber roller bearing wheels, two swi	X 34" D with two solid non-marking					
TERILIZER (RELO) 2	EVC Ethylene Oxide sterilizer. Relocate existing 3M Steri-Vac 8XL sterilizer.	11 71 0	00		1/4"	Yes	220V, 1p, 50-60hz, 4" 15A, NEMA 6-15,	3/8" EtO vent	ULTRASONIC CLEANER 1	mechanism. CC Freestanding instrument washer that	cleans with sonic energy. Basis of	11 71 00 1/2" NPT 1/2" NF	PT 1/2" 1/2" NPT 1 1/2			
TERILIZER CARRIER (RELO) 2	EVV Loading car and transfer carriage. Relocate existing.						w/ UPS		ULTRASONIC CLEANER (RELO) 1	design: match existing relocated Ste EVC Freestanding instrument washer that existing Steris Caviwave Ultrasonic Company of the statement of the statement washer that existing steris caviwave under the statement of the stateme	ris Caviwave Ultrasonic Cleaning System cleans with sonic energy. Relocate	1/2" NPT 1/2" NF	PT 1/2" 1/2" NPT 1 1/2	60hz, 35A 4" 208/240V, 3p, 60hz, 35A		
5	CC Fire Extinguisher Cabinet. Refer to fire rating of partitions for fire rating requirement of recessed or semi-recessed models	10 44 1							WALL MOUNTED TEE PROBE 1 SOAKER (RELO)	existing Steris Caviwave Ultrasonic (EVC Tee Probe Soaker. Relocate existing 610-724, 610-725, 610-723.	•			see elec		
MABLE STORAGE CABINET 1	CC Cabinet, storage, safety, built-in, vented safety storage cabinet. Basis of design: C&H Relius Solutions Manual Doors 43"w x 18"d x 65"h. This unit requires ventilation as a part of the HVAC system.	10 51 1	13				2"		WALL MOUNTED TELEPHONE 3 WALL-MOUNT, COMBINATION 8	VV Wall-mounted telephone CC Mounting bracket for flatscreen compared telephone	outer monitor, medium-sized CPH	12 51 70				
B BAR (GB) 5 B BAR SET (GB-18, GB-36, GB-42) 4	CC 36" x 12" Grab bar for shower use.	10 28 0							WALL-MOUNT, CPU 1	keyboard and mouse. Basis of desig CC Wall-mount for medium-sized CPU.	n: Ergotron Styleview HD Combo (black).	12 51 70				
UE. (UD-10, UD-30, UD-42) 4	CC A 1-1/4" diameter, satin finish stainless steel, peened gripping surface, toilet room grab bar configuration with concealed mounting flanges. Grab bar shall comply with barrier-free accessibility guidelines for structural strength. For	10 28 0							WALL-MOUNT, PIVOT 1	CC Tilt mounting bracket for (1) 32" flat-scheduling. Basis of design: Ergotro	n TM Tilting Wall Mount.	12 51 70				
	typical water closet applications in toilet stalls and rooms where ADA (American's With Disabilities Act) requirements must be met. Grab bar set consists of 36" rear grab bar, 42" side grab bar, and 18" side mounted vertical								WALL-MOUNT, TILTING 2	CC Pivot mounting bracket (1) for CCTV Basis of design: Ergotron 200 Series	, (1) for flatscreen computer monitor.	12 51 70				
SEALER, LARGE (RELO) 1	grab bar per ANSI grab bar requirements Fig 604.5.1 EVV Portable plastic bag heat sealing machine. Relocate existing Packworld USA				1/4"		115V, 1p, 60hz,		WALL-MOUNTED ART WORK 1 WALL-MOUNTED CLOSED CIRCUIT 1 TELEVISION SCREEN, 15" FLAT	VV Art Work, decorative, with frame. VV Closed circuit television monitor links room in the Surgery Suite.	ed to camera in Soiled Case Cart Holding			see see elec		
SEALER, MEDIUM 1	PW3124. VV Portable plastic bag heat sealing machine. Relocate existing Packworld USA PW3124.						115V, 1p, 601/2, 15A @10" AFF 115V, 1p, 50-60hz,		PANEL WALL-MOUNTED FLAT SCREEN 1	vv Monitor for display of surgery schedu	iling.			gy see see elec		
SEALER, SMALL 4	VV Portable plastic bag heat sealing machine.						5A 115V, 1p, 50-60hz,		MONITOR 32"					technolo gy		
-DENSITY SHELVING 45	CC Top-track high-density wire shelving units. Basis of design: Metro Top-Track High-Density Storage System.						DA		WALL-MOUNTED TEE PROBE 1 DISINFECTOR (FUTURE)	N.I.C. Future wall-mounted automated TEE Medical TD100.			PT 4/0"	see elec		
SEKEEPING CART 2	VV Janitor's Cart, 38" high X 66" wide X 20" deep with 25 gallon heavy duty collection bag. Accomodations for locking vault and janitorial support items								WASHER DISINFECTOR (RELO) 2 WASHER/DISINFECTOR 1	EVC relocate existing Steris Reliance Syn Door/Steam Heat.		1/2" NPT 1/2" NF 11 71 00 1/2" NPT 1/2" NF		60hz, 27A	1/2" condens	Connection to a detergent disper
OGEN PEROXIDE STERILIZER 1	(broom, dust pan, chemicals, mop and mop bucket, not included). N.I.C. Floor-mounted, low-temperature hydrogen peroxide gas plasma sterilizer,						208V, 3p		WASHER/DISINFECTOR 1 WASTEBASKET 23	Double Door/Steam Heat to match e	: Reliance Synergy Washer/Disinfector - xisting ately 18" high X 16" diameter. This metal	11 71 00 1/2" NPT 1/2" NF		2" Yes 208V, 3p, 4W, 60hz, 27A	1/2" condens	Connection to a detergent disper
JRE) ROGEN PEROXIDE STERILIZER 1	basis of design: Sterrad 100NX to match existing. Not in contract. EVV Floor mounted, low temperature hydrogen peroxide gas plasma sterilizer.						208V, 3p			unit is used to collect and temporarily patient rooms, administrative areas	store small quantities of paper refuse in					
O) ROGEN PEROXIDE STERILIZER, 1 NTER TOP (FUTURE)	Relocate existing Sterrad 100NX. N.I.C. Countertop low-temperature hydrogen peroxide gas plasma sterilizer, Basis of design: Sterrad NX. Not in contract.	f					120V standard		WATER FILTRATION SYSTEM 1	CC Water filtration system.		see see plumbing plumbi drawings drawing	ing	see electrical drawings		
NTER TOP (FUTURE) PAD (RELO) 3 VATER DISPENSER 1	EVV Hypo pad. Relocate existing. VV Floor-mounted ice/water dispenser. Basis of design: Follett, Model		3/8" NPT		 	(2) 3/4"	outlet NEMA 5-20, 115V,		WIRE RACK (RELO FROM C-003) 2 WIRE RACK (RELO FROM POOL) 6	EVV Storage rack. Relocate existing.		arawings drawing	.go			
	Floor-mounted ice/water dispenser. Basis of design: Follett, Model 50FB400A. EVV Isolation cart. Relocate existing.		3/8" NP1				NEMA 5-20, 115V, 60hz, 20A		WIRE RACK (RELO FROM POOL) 6 WRAP RACK 2	EVV Storage rack. Relocate existing. VV Storage for sterilization wrap. Basis of WSA-WR to match existing	of design: Metro sterile wrap rack model					
	EVV IV poles. Relocate existing.						Wiremold at docking area -		WRAP RACK (RELO) 2	3	te existing Metro sterile wrap rack model					
LDDINTED							Confirm specs with Elec		Note: Rough-in data is based on basis-of-design	models. Confirm actual requirements with manuf	acturer of equipment selected to be installed.	1 1		FIIII	Y SPRIN	\IKI FPF
L PRINTER 6 N HAMPER 6	 VV Basis of design: Zebra Technologies VV Small linen collection hamper, to match size of model in existing SPD, 14"x18"x28"h 						120V standard		ACQUISITION (ACQ) Legend: VV = VA Furnished/VA Installed							
NIFYING LIGHT 8	14"x18"x28"h VV Appropriate lighting and magnification for instrument inspection.						120V standard		CC = Contractor Furnished/Contractor Installed EVV = Existing Equipment, VA Furnished/VA ins	alled				ONSTRUCTI	ION DO)(/ F
1	1							TT .	EVC = Existing Equipment, VA furnished/Contract NIC = Not in Contract, furnished and installed at	tor Installed (Contractor to remove and relocate) a later date						
	CONSULTANTS:								ARCHITECT/ENGINEER	S:	Drawing Title		Project Title RELOCATE STERILE PROCESS	Project Number 589-321		Office
	STRUCTURAL ENGINEER (SPD): M GREGORY P. LUTH & ASSOCIATES, INC. K	MECHANICAL/ELECTRICAL:	TANTE STIGHT	ACOUSTICAL ENGINEER	R:	FIRE SPRINKL	ER: LTANTS INCORPORATED			THE SEAL (S) AND SIGNATURE(S)	EQUIPMENT SCHEDULE AN FABRICATIONS SCHEDULE		AND DISTRIBUTION	Building Number	; <mark>r</mark>	Construc
	3350 SCOTT BOULEVARD, BUILDING 48 # SANTA CLARA, CA 95054 S	14 SUNNEN DRIVE ST. LOUIS, MO 63141	,ETANIO - 01. LUUIS	ACOUSTICONTROL 1709 WASHINGTON AVE ST LOUIS, MO 56103	E, LOFT 300	2043 WOODLA ST. LOUIS, MIS	ND PARKWAY, SUITE 300 SSOURI 63146		CHRISTNER	THE SEAL (S) AND SIGNATURE(S) APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED, AND WE EXPRESSLY DISCLAIM ANY		<u>-</u>		1		and Facil
		COA #: W00470734		ESTIMATING:		COA#: 000419				RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS,	Approved: Approved: Approved:	Approved: Approved:	Location	Drawing Number		Managen
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	KPFF CONSULTING ENGINEERS - ST. LOUIS 3 1630 DES PERES RD # 100	PLUMBING/FIRE PROTECTION 03RD ENGINEERING GROUF 935 ARSENAL STREET BT. LOUIS, MO 63118		KWAME BUILDING GROU 1204 WASHINGTON AVE ST. LOUIS, MO 63103	UP E. SUITE 200				ARCHITECTS DESIGNERS PLANNERS LANDSCAPE ARCHITE	ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS	Medical Center Director Chief of O.R. Chief of SPD				402	

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