

**GENERAL NOTES:**


- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. UNLESS NOTED OTHERWISE DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT, AND FIXTURE INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
- C. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS AND METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.
- D. NO EXHAUST SYSTEMS OR VENTS SHALL BE INSTALLED WITHIN 25'-0" RADIUS OF OUTSIDE AIR INTAKE(S).

**SHEET NOTES:**

- 1. PROVIDE FROST-PROOF ROOF HYDRANT (RH-1).
- 2. INSTRUMENT AIR INTAKE UP THRU ROOF. INSTALL 24" ABOVE ROOF AND TURN DOWN AND INSTALL INSECT SCREEN.
- 3. VACUUM EXHAUST UP THRU ROOF. INSTALL 24" ABOVE ROOF AND TURN DOWN AND INSTALL INSECT SCREEN.

**A1** ROOF PLAN - PLUMBING  
3/16" = 1'-0"

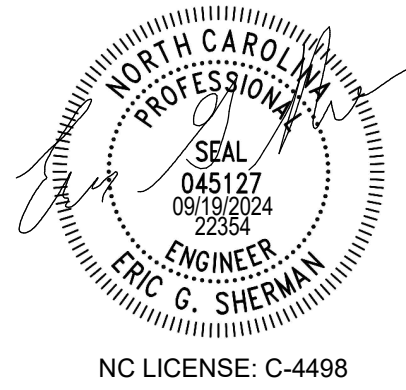
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ISSUE FOR:  
 CONSTRUCTION DOCUMENTS

REVISIONS:

Revision Number	Revision Description	Revision Date
2	MODIFICATION 2	09/19/2024

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A/E #: 22354

Novant ASC Leland  
 SHEET NAME  
**ROOF PLAN - PLUMBING**

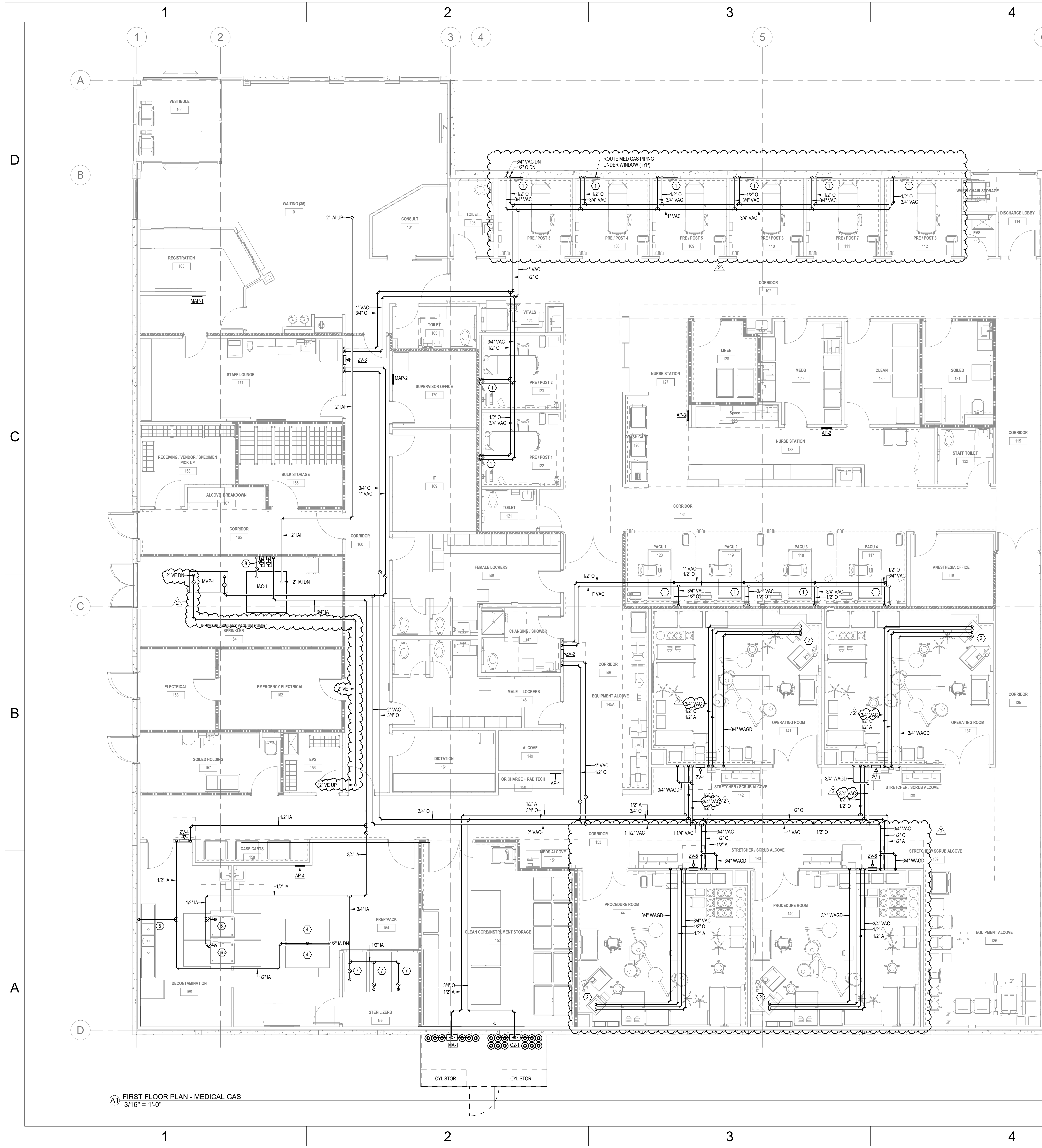
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**PD202**

CONSTRUCTION DOCUMENTS

Novant ASC Leland

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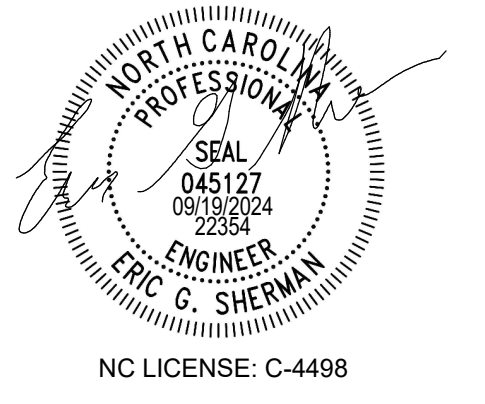


- GENERAL NOTES:**
- COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
  - UNLESS NOTED OTHERWISE DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT, AND FIXTURE INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
  - THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS AND METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.
  - ALL MEDICAL GAS WORK SHALL CONFORM TO NFPA 99.
  - PLUMBING CONTRACTOR SHALL ROUGH-IN AND COORDINATE FINAL CONNECTIONS TO OWNER PROVIDED EQUIPMENT.
  - REFER TO ARCHITECTS DOCUMENTS FOR EXACT HEIGHT AND LOCATION OF THE MEDICAL GAS OUTLETS AND SLIDES.
  - MEDICAL GAS CEILING MOUNTED COLUMNS PROVIDED BY OTHERS. PLUMBING CONTRACTOR SHALL ROUGH-IN AND CONNECT PIPING TO COLUMNS.
  - MEDICAL GAS HEADWALLS PROVIDED BY OTHERS. PLUMBING CONTRACTOR SHALL ROUGH-IN AND CONNECT PIPING TO HEADWALL OUTLETS.
  - TYPICAL MEDICAL GAS OUTLET TYPE SHALL BE DISS.

- SHEET NOTES:**
- TYPICAL PRE/POST AND PACU MEDICAL GAS OUTLET COUNT: 1 - OXYGEN, 1 - VACUUM, 1 - SLIDE
  - TYPICAL MEDICAL GAS OUTLET COUNT AT MEDICAL GAS CEILING COLUMNS: 2 - OXYGEN, 3 - VACUUM, 1 - MEDICAL AIR, AND 1 - WAGD. NITROUS OXIDE PROVIDED BY ANESTHESIA CART
  - NOT USED
  - PREPACK TABLES SHALL HAVE TWO 1/2" INSTRUMENT AIR DROPS. PROVIDE 1/2" AIR TO AIR GUN. AIR SHALL CONNECT TO INSTRUMENT AIR COMP. VERIFY AIR PRESSURE WITH OWNER. PROVIDE AIR PRESSURE REGULATORS. PROVIDE QUICK CONNECTS FOR OWNERS EQUIPMENT. COORDINATE AIR DROP LOCATION WITH OWNER PRIOR TO INSTALLATION.
  - AMSCO REPROCESSING SINK - PROVIDE 1/2" AIR TO AIR GUN. AIR SHALL CONNECT TO INSTRUMENT AIR COMP. AIR SHALL BE SET AT 30 PSI DYNAMIC. PROVIDE AIR PRESSURE REGULATORS. COORDINATE AIR DROP LOCATION.
  - AMSCO 7053P - PROVIDE 1/2" AIR. AIR PRESSURE SHALL BE BETWEEN 80-125 PSI DYNAMIC. PROVIDE AIR PRESSURE REGULATORS.
  - AMSCO 800 MEDIUM STEAM STERILIZER - PROVIDE 1/2" AIR. AIR PRESSURE SHALL BE BETWEEN 80-100 PSI DYNAMIC. PROVIDE AIR PRESSURE REGULATORS.
  - INSTALL HIGH PRESSURE TO MEDIUM PRESSURE AIR REGULATORS TO ADJUST AIR PRESSURE FROM INSTRUMENT AIR COMPRESSOR. OUTGOING PRESSURE FROM COMPRESSOR IS 200 PSIG.



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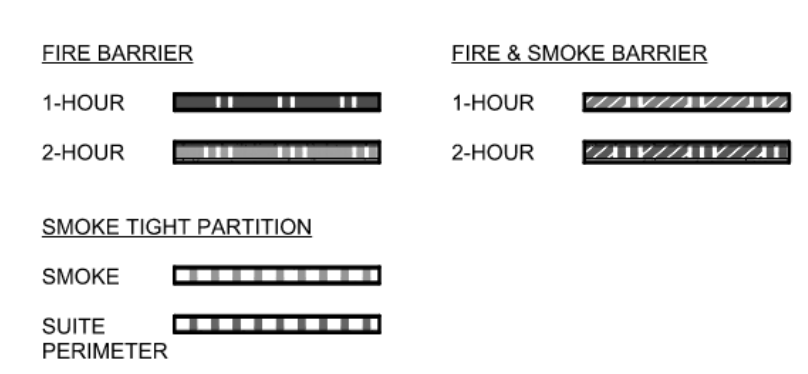
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SES PROJECT # 22354

**A1 FIRST FLOOR PLAN - MEDICAL GAS**  
3/16" = 1'-0"

Novant ASC Leland

SHEET NAME  
**FIRST FLOOR PLAN - MEDICAL GAS**

SHEET NUMBER  
**PG201**

CONSTRUCTION DOCUMENTS

Novant ASC Leland

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WATER HEATER SCHEDULE														
MARK	STORAGE CAPACITY	STORAGE WATER TEMPERATURE [°F]	RECOVERY @ 100°F RISE [GPH]	DISTRIBUTION WATER TEMPERATURE [°F]	MAXIMUM SYSTEM FLOW [GPM]	ELECTRICAL DATA						REMARKS		
						KW	FLA	VOLTAGE	PHASE	DISCONNECT BY	SCCR		MANUFACTURER	MODEL
WH-1	120	140	147	120	203	36	43.3	480 V	3	ELECTRICAL	10.9	AO SMTH	DRE-120-36	(1)(2)(3)(4)(5)

- REMARKS:
- PROVIDE WITH RELIEF VALVE, DIELECTRIC CONNECTIONS, THERMOMETERS ON INLET / OUTLET, AND EXPANSION TANK.
  - PROVIDE WITH HOT WATER CIRCULATION PUMP WITH TIMECLOCK / AQUASTAT.
  - PROVIDE WITH ASSE 1017 MIXING VALVE STATION RATED FOR MINIMUM TO MAXIMUM FLOW RATE SCHEDULED. SYSTEM SHALL INTEGRATE WITH BAS, LAWLOR OR APPROVED EQUAL.
  - MOUNT ON 4" HOUSING/KEEPING PAD.
  - "SCCR" - VALUE INDICATED IS AVAILABLE SHORT CIRCUIT CURRENT (SCC) IN KILOAMPS AT THE EQUIPMENT BASED ON PRELIMINARY DESIGN PHASE CALCULATIONS. EQUIPMENT SCCR SHALL BE MINIMUM 120% OF THE AVAILABLE SCC. RATING SHALL BE ADJUSTED IF REQUIRED BASED ON FINAL SCC CALCULATION. EQUIPMENT INDICATED WITH 5 KA SCCR. REVIEW SCCR WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT.

ALARM PANEL SCHEDULE												
MARK	LOCATION		V	O	A	CO2	N	N2O	WAGD	IA	REMARKS	
	ROOM NAME	ROOM NUMBER										
AP-1	ON CHARGE + RAD TECH	150	X		X				X		(1)(2)	
AP-2	NURSE STATION	133	X	X							(1)(2)	
AP-3	NURSE STATION	127	X	X							(1)(2)	
AP-4	PREFAB	154							X		(1)(2)	
MAP-1	REGISTRATION	103	X	X	X				X		(1)(2)	
MAP-2	SUPERVISOR OFFICE	170	X	X	X				X		(1)(2)	

- REMARKS:
- CONTRACTOR SHALL PROVIDE ANY AND ALL NECESSARY INTERCONNECTIONS FOR A COMPLETE AND OPERABLE SYSTEM. INTERCONNECTIONS MAY INCLUDE BUT ARE NOT LIMITED TO POWER WIRING, COMMUNICATIONS WIRING, PIPING, SUPPORTS, ETC.
  - CONTRACTOR SHALL PROVIDE ALL APPURTENANCES REQUIRED FOR A COMPLETE OPERATING AND NFPA 99 COMPLIANT SYSTEM. APPURTENANCES INCLUDE BUT ARE NOT LIMITED TO SENSORS, DEMAND CHECK VALVES, GAUGES, IDENTIFICATION LABELS, ETC. REFER TO PLANS, DETAILS, AND SPECIFICATIONS FOR FURTHER INFORMATION.

ZONE VALVE SCHEDULE												
MARK	LOCATION		O	V	A	CO2	N	N2O	WAGD	IA	REMARKS	
	ROOM NAME	ROOM NUMBER										
ZV-1	STRETCHER / SCRUB ALCOVE	142	1/2	3/4	1/2				3/4		(1)(2)	
ZV-1	STRETCHER / SCRUB ALCOVE	138	1/2	3/4	1/2				3/4		(1)(2)	
ZV-2	CORRIDOR	145	3/4	1							(1)(2)	
ZV-3	CORRIDOR	160	3/4	1							(1)(2)	
ZV-4	CORRIDOR	143	1/2	3/4	1/2				3/4		(1)(2)	
ZV-5	STRETCHER / SCRUB ALCOVE	143	1/2	3/4	1/2				3/4		(1)(2)	
ZV-6	STRETCHER / SCRUB ALCOVE	139	1/2	3/4	1/2				3/4		(1)(2)	

- REMARKS:
- CONTRACTOR SHALL PROVIDE ANY AND ALL NECESSARY INTERCONNECTIONS FOR A COMPLETE AND OPERABLE SYSTEM. INTERCONNECTIONS MAY INCLUDE BUT ARE NOT LIMITED TO PIPING, SUPPORTS, ETC.
  - CONTRACTOR SHALL PROVIDE ALL APPURTENANCES REQUIRED FOR A COMPLETE OPERATING AND NFPA 99 COMPLIANT SYSTEM. APPURTENANCES INCLUDE BUT ARE NOT LIMITED TO SENSORS, DEMAND CHECK VALVES, GAUGES, IDENTIFICATION LABELS, ETC. REFER TO PLANS, DETAILS, AND SPECIFICATIONS FOR FURTHER INFORMATION.

BOTTLE GAS MANIFOLD SCHEDULE												
MARK	SERVICE	TYPE	DELIVERY PRESSURE	TOTAL NUMBER OF BOTTLES	NUMBER OF BANKS	DISTRIBUTION SYSTEM PIPE CONNECTION SIZE	MANUFACTURER	MODEL	ELECTRICAL DATA			REMARKS
									VOLTAGE	PHASE	DISCONNECT BY	
MA-1	MEDICAL AIR	HIGH PRESSURE	55	6	2	1"	BEACON MEDAES	MNE-3X3-AR-A-T	120 V	1	ELECTRICAL	
O2-1	OXYGEN	HIGH PRESSURE	55	12	4	1"	BEACON MEDAES	MNE-6X6-O2-A-T	120 V	1	ELECTRICAL	

- REMARKS:
- CONTRACTOR SHALL PROVIDE ANY AND ALL NECESSARY INTERCONNECTIONS FOR A COMPLETE AND OPERABLE SYSTEM. INTERCONNECTIONS MAY INCLUDE BUT ARE NOT LIMITED TO PIPING, SUPPORTS, ETC.
  - CONTRACTOR SHALL PROVIDE ALL APPURTENANCES REQUIRED FOR A COMPLETE OPERATING AND NFPA 99 COMPLIANT SYSTEM. APPURTENANCES INCLUDE BUT ARE NOT LIMITED TO SENSORS, DEMAND CHECK VALVES, VALVES, FLEXIBLE CONNECTIONS, RELIEF VALVES, VENT PIPING, GAUGES, ETC. REFER TO PLANS, DETAILS, AND SPECIFICATIONS FOR FURTHER INFORMATION.
  - EQUIPMENT SHALL BE FURNISHED WITH A CONTROL PANEL, CAPABLE OF INTERFACING WITH THE BUILDING AUTOMATION SYSTEM. DDC CONTRACTOR SHALL PROVIDE INTEGRATION OF EQUIPMENT WITH DDC SYSTEM. REFER TO CONTROLS SCHEMATIC FOR FURTHER INTEGRATION REQUIREMENTS.

PUMP SCHEDULE													
MARK	FLOW [GPM]	TOTAL HEAD [FT]	TYPE OF FLUID	SUCTION / DISCHARGE SIZE [IN]	HP	FLA	VOLTAGE	PHASE	DISCONNECT BY	SCCR	MANUFACTURER	MODEL	REMARKS

- REMARKS:
- PERFORMANCE BASED ON FLUID AND CONDITIONS INDICATED IN THIS SCHEDULE.
  - PROVIDE WITH THE FOLLOWING ACCESSORIES: DISCONNECT, SUCTION DIFFUSER, CHECK VALVE, VENTURI FLOW MEASURING DEVICE, FLEXIBLE CONNECTORS, UNIONS, AND TEMPERATURE AND PRESSURE GAUGES ON EACH CONNECTION.
  - PROVIDE AQUASTAT, TIMER, FLEX CONNECTORS, DISCONNECT, ECOM MOTOR AND CONTROLLER.
  - ALL WETTED COMPONENTS SHALL BE NSF 61 AND NSF 372 COMPLIANT.
  - PROVIDE BACNET INTERFACE.
  - "SCCR" - VALUE INDICATED IS AVAILABLE SHORT CIRCUIT CURRENT (SCC) IN KILOAMPS AT THE EQUIPMENT BASED ON PRELIMINARY DESIGN PHASE CALCULATIONS. EQUIPMENT SCCR SHALL BE MINIMUM 120% OF THE AVAILABLE SCC. RATING SHALL BE ADJUSTED IF REQUIRED BASED ON FINAL SCC CALCULATION. EQUIPMENT INDICATED WITH 5 KA MAY BE PROVIDED WITH 5 KA SCCR. REVIEW SCCR WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT.

PRESSURE REDUCING VALVE SCHEDULE							
MARK	SERVICE	SIZE [IN]	REGULATING OR REDUCING VALVE		MANUFACTURER	MODEL	REMARKS
			INLET PRESSURE	OUTLET PRESSURE			
PRV-1	DOMESTIC COLD WATER	2-1/2	80	70	WATTS	LP223-S-B	(1)(2)

- REMARKS:
- CAPACITIES BASED ON CONDITIONS INDICATED IN SCHEDULE.
  - PROVIDE WITH THE FOLLOWING ACCESSORIES: INLET AND OUTLET PRESSURE GAUGES, INLET STRAINERS, FULL SIZE BIPASS, AND ISOLATION VALVES.

PLUMBING FIXTURE SCHEDULE												
MARK	TYPE	DESCRIPTION	PIPING CONNECTIONS				REMARKS					
			COLD WATER	HOT WATER	WASTE	VENT						
CS-1	CLINICAL SINK	AMERICAN STANDARD WALL HUNG CLINIC SERVICE SINK, MODEL 951299.020, WHITE VITREOUS CHINA WALL FLUSHING RIM, BLOW OUT OPERATION WITH 1-1/2" TOP SPUD, 25-30" RIM HEIGHT, FLUSH VALVE: SLOAN WES 111, MANUAL DUAL FLUSH, 1-1/2" TOP SPUD, 1.6 GPF.	1 1/4"	1 1/2"	4"	2"						
EWC-1	ELECTRIC WATER COOLER	ELKAY MODEL LPR82K, SWIRL FLO BLEVEL ADA FOUNTAIN FILTERED REFRIGERATED STAINLESS STEEL, WALL MOUNTED, 8.0 GPH POWER, 115V/60HZ, FLA 4.5, WATTS 370. ANGLE STOP, MQUIRE LPH510LK ANGLE SUPPLY STOPS. P-TRAP: MQUIRE 8902 1-1/4" x 1-1/2" CAST P-TRAP AND WALL BEND. NOTE: PROVIDE WALL MOUNTED CARRIER.	1/2"	-	2"	1 1/2"						
HB-1	INTERIOR HOSE BIBB	WOODFORD MODEL 24, ANTI-SIPHON, VACUUM BREAKER PROTECTED WALL FAUCET, LOOSE TEE KEY TYPE, CHROME FINISH.	1/2"	-	-	-						
IMB-1	ICE MAKER BOX	GUY GREY MODEL MDWB1AB, COMMERCIAL ICE MAKER BOX, WHITE POWDER COATED STEEL, BOX WITH 3/8" COLD WATER OUTLET, 1/4" TURN SHUT OFF AND SHOCK ARRESTOR. NOTE: PLUMBING CONTRACTOR SHALL VERIFY BOX HEIGHT AND LOCATION FOR ICE MAKER.	1/2"	-	-	-						
L-1	WALL HUNG LAVATORY (ADA)	AMERICAN STANDARD "LICERNE" MODEL 0566.015 21"x18" WHITE VITREOUS CHINA, WALL MTD LAVATORY WITH FRONT OVERFLOW AND 8" CENTERS FOR FAUCET. FAUCET: CHICAGO FAUCETS 786-GNFC319XKABCP, WITH 5-1/4" RIGIDSWING GOOSENECK SPOUT, QUARTER-TURN CERAMIC DISC CARTRIDGE, 1.5 GPM VANDAL RESISTANT LAMINAR-FLO CONTROL. INSERT IN SPOUT INLET AND 6" ELBOW BLADE HANDLES. DRAIN: MQUIRE 151A STAINLESS STEEL BASKET STRAINER. ANGLE STOP: MQUIRE LPH510LK ANGLE SUPPLY STOPS. P-TRAP: MQUIRE 8902 1-1/4" x 1-1/2" CAST P-TRAP AND WALL BEND. NOTE: PROVIDE TRUEBRO, LAV GUARD SUPPLY AND TRAP COVERS. PROVIDE CONCEALED ARM WALL MOUNTED CARRIER. PROVIDE THERMOSTAT MIXING VALVE (ASSE 1070) AT PUBLIC RESTROOMS.	1/2"	1/2"	2"	2"						
L-2	WALL HUNG LAVATORY WITH EMERGENCY EYEWASH (ADA)	AMERICAN STANDARD "LICERNE" MODEL 0566.015 21"x18" WHITE VITREOUS CHINA, WALL MTD LAVATORY WITH FRONT OVERFLOW AND 8" CENTERS FOR FAUCET. FAUCET: FAUCET: SPEAKMAN SEF-1800-CA-8-NA-TW, FAUCET WITH EYEWASH, DECK MOUNTED GOOSENECK BODY, VANDAL RESISTANT 4" WRIST BLADE HANDLES, 2.8 GPM AT 30 PSI, INVERTED DIRECTIONAL LAMINAR FLOW. MIXING VALVE: SPEAKMAN MODEL SE-370 THERMOSTAT MIXING VALVE. PROVIDE MOUNTING BRACKET. DRAIN: MQUIRE 150WC OFFSET LAVATORY GRID STRAINER. ANGLE STOP: MQUIRE LPH510LK ANGLE SUPPLY STOPS. P-TRAP: MQUIRE 8902 1-1/4" x 1-1/2" CAST P-TRAP AND WALL BEND. NOTE: PROVIDE TRUEBRO, LAV GUARD SUPPLY AND TRAP COVERS. PROVIDE CONCEALED ARM WALL MOUNTED CARRIER.	1/2"	1/2"	2"	2"						
L-3	INTEGRAL BOWL LAVATORY (ADA)	INTEGRAL BOWL LAVATORY BY OTHERS. PLUMBING CONTRACTOR TO ROUGH-IN AND CONNECT. FAUCET: CHICAGO FAUCETS 420-E285ABCP, DECK MOUNTED MANUAL SINK, SINGLE LEVER FAUCET WITH 4" CENTERS, 0.5 GPM VANDAL RESISTANT LAMINAR SPRAY. DRAIN: MQUIRE 151A STAINLESS STEEL BASKET STRAINER. ANGLE STOP: MQUIRE LPH510LK ANGLE SUPPLY STOPS. P-TRAP: MQUIRE 8902 1-1/4" x 1-1/2" CAST P-TRAP AND WALL BEND. NOTE: PROVIDE TRUEBRO, LAV GUARD SUPPLY AND TRAP COVERS. PROVIDE THERMOSTAT MIXING VALVE (ASSE 1070) AT PUBLIC RESTROOMS.	1/2"	1/2"	2"	2"						
MS-1	MOP SINK	FIAT MODEL SB924-832AA-MSG, 36"x24"x6" TERRAZZO MOP SERVICE BASIN, 6" DEPTH, HOSE & HOSE BRACKET, STAINLESS STEEL WALL GUARDS. FAUCET: CHICAGO MODEL 540-LD8978WAF317CP, 8" WIDESPREAD WALL MOUNTED MOP SINK FAUCET, 5-3/4" RIGID VACUUM BREAKER SPOUT AND PALM HOOK, QUANTUM COMPRESSION CARTRIDGES, 4" WRIST BLADE HANDLES. P-TRAP: 3". NOTE: PROVIDE HOSE AND HOSE BRACKET ASSEMBLIES AND WALL GUARDS. PROVIDE CHECK VALVES ON HOT AND COLD WATER PIPING SERVING MOP SINK.	3/4"	3/4"	3"	2"						
MV-1	MIXING VALVE	LAWLOR MODEL 8516, 80T RECIRCULATION SYSTEM WITH ARV MASTER WATER MIXING VALVE, THERMOSTATIC TYPE WITH LIQUID-FILLED THERMAL MOTOR, VALVE SHALL BE EQUIPPED WITH UNION AND END STOP AND CHECK INLETS WITH REMOVABLE STAINLESS STEEL STRAINERS. SYSTEM SHALL INCLUDE RETURN PIPING FOR RECIRCULATION CONNECTION AND AN AUTOMATIC RETURN VALVE (ARV) FOR THERMOSTATIC BALANCING OF THE SYSTEM. PROVIDE OPTIONAL HOSE CONNECTION FOR TESTING. NOTE: MIXING VALVE IS ASSE 1017 APPROVED.	1"	1"	-	-						
RH-1	ROOF HYDRANT	WOODFORD MODEL SRH-MS, EXTERIOR FREEZELESS ROOF HYDRANT.	3/4"	-	-	-						
S-1	INTEGRAL BOWL SINK	INTEGRAL BOWL SINK BY OTHERS. PLUMBING CONTRACTOR TO ROUGH-IN AND CONNECT. FAUCET: CHICAGO FAUCETS 786-GNFC319XKABCP, WITH 5-1/4" RIGIDSWING GOOSENECK SPOUT, QUARTER-TURN CERAMIC DISC CARTRIDGE, 1.5 GPM VANDAL RESISTANT LAMINAR-FLO CONTROL. INSERT IN SPOUT INLET AND 6" ELBOW BLADE HANDLES. ANGLE STOP: MQUIRE LPH510LK ANGLE SUPPLY STOPS. DRAIN: MQUIRE 151A STAINLESS STEEL BASKET STRAINER. P-TRAP: MQUIRE NO. 8912 (1-1/2"x1-1/2") 17 GA. HEAVY CAST P-TRAP WITH CLEANOUT PLUG. NOTE: PROVIDE TRUEBRO, LAV GUARD SUPPLY AND TRAP COVERS.	1/2"	1/2"	2"	1 1/2"						
S-2	SINK (ADA)	ELKAY MODEL LRAD191865, 19" X 18" X 6.5", 18 GA. TYPE 304 STAINLESS STEEL, COAXIAL MOUNTED SINK WITH HOLE DRILLING, 8" CENTERS, REAR CENTER DRAIN OUTLET. FAUCET: CHICAGO FAUCETS 786-GNFC319XKABCP, WITH 5-1/4" RIGIDSWING GOOSENECK SPOUT, QUARTER-TURN CERAMIC DISC CARTRIDGE, 1.5 GPM VANDAL RESISTANT LAMINAR-FLO CONTROL. INSERT IN SPOUT INLET AND 6" ELBOW BLADE HANDLES. ANGLE STOP: MQUIRE LPH510LK ANGLE SUPPLY STOPS. DRAIN: MQUIRE 151A STAINLESS STEEL BASKET STRAINER. P-TRAP: MQUIRE NO. 8912 (1-1/2"x1-1/2") 17 GA. HEAVY CAST P-TRAP WITH CLEANOUT PLUG. NOTE: PROVIDE TRUEBRO, LAV GUARD SUPPLY AND TRAP COVERS.	1/2"	1/2"	2"	1 1/2"						
S-3	THREE COMPARTMENT SINK	PROVIDED BY OWNER. PLUMBING CONTRACTOR TO ROUGH-IN AND CONNECT. FAUCET: PROVIDED BY OWNER. ANGLE STOP: 1/2" WHEEL HANDLE SUPPLY STOPS. DRAIN: MQUIRE 151A STAINLESS STEEL BASKET STRAINER. P-TRAP: 2" COPPER. DRAIN PIPING SHALL BE TYPE L COPPER. NOTE: EACH SINK BASIN SHALL DRAIN INDEPENDENTLY.	1/2"	1/2"	2"	2"						
SH-1	TRANSFER TYPE SHOWER (ADA)	COMFORT DESIGN'S MODEL SSS382B2F 625, OUTSIDE DIMENSIONS 42"X37"X12"X60", SOLID SURFACE, CENTER DRAIN, FOLD UP SEAT. DRAIN - PROVIDE WITH SHOWER. SHOWER VALVE: POWERS HYDROGUARD E707-G-1-N, 1/8" P MIXING VALVE, INTEGRAL SERVICE STOPS, INTEGRAL CHECK STOPS, STAINLESS STEEL HAND HELD SHOWER, 1.5 GPM, 60" METAL HOSE, IN-LINE VACUUM BREAKER. 30" SLIDE BAR, ASSE 1016 APPROVED, CHROME PLATED. NOTE: VERIFY SHOWER AS RIGHT OR LEFT. PROVIDE FRONT LEGS FOR FOLD UP SEAT.	1/2"	1/2"	2"	1 1/2"						
SS-1	SCRUB SINK	PROVIDED BY OWNER. PLUMBING CONTRACTOR TO ROUGH-IN AND CONNECT. FAUCET: PROVIDED BY OWNER. ANGLE STOP: MQUIRE LPH510LK ANGLE SUPPLY STOPS. P-TRAP: MQUIRE NO. 8912 (1-1/2"x1-1/2") 17 GA. HEAVY CAST P-TRAP WITH CLEANOUT PLUG. NOTE: WALL CARRIER PROVIDED BY OWNER. PLUMBING CONTRACTOR TO INSTALL.	3/4"	3/4"	2"	2"						
WB-1	WALL BOX	GUY GREY MODEL MWB-19, WHITE POWDER COATED STEEL BOX WITH 2" CENTER DRAIN, WALL BOX TO HAVE 1-1/2" COLD WATER THREADED HOSE CONNECTION WITH 1/4" TURN SHUT OFF AND SHOCK ARRESTOR. NOTE: PLUMBING CONTRACTOR SHALL VERIFY DRAIN BOX HEIGHT AND WITH ICE MACHINE AND COFFEE MAKER LOCATION.	1/2"	-	2"	1 1/2"						
WC-1	WATER CLOSET (ADA)	AMERICAN STANDARD "BARRIER" MODEL 3471.001 "BARRIER FREE" WHITE VITREOUS CHINA, FLOOR MOUNTED ELONGATED SPHONJET TOLET WITH 1-1/2" TOP SPUD, 1.6 GPF, 10" OR 12" ROUGH-IN, 16.5" RIM HEIGHT. FLUSH VALVE: SLOAN WES 111, MANUAL DUAL FLUSH, 1-1/2" TOP SPUD, 1.6 GPF. SEAT: SEAT: CHURCH MODEL NO. 355555 EXTRA HEAVY WEIGHT SOLID PLASTIC ELONGATED OPEN FRONT SEAT WITH DURAGUARD ANTIMICROBIAL AGENT, SELF SUSTAINING CHECK HINGE.	1"	-	4"	2"						

PLUMBING FIXTURE SCHEDULE												
MARK	TYPE	DESCRIPTION	PIPING CONNECTIONS				REMARKS					
			COLD WATER	HOT WATER	WASTE	VENT						
WC-2	WATER CLOSET	AMERICAN STANDARD MODEL "MADARA" MODEL 2234.001 "BARRIER FREE" WHITE VITREOUS CHINA, FLOOR MOUNTED ELONGATED SPHONJET TOLET WITH 1-1/2" TOP SPUD, 1.6 GPF, 10" OR 12" ROUGH-IN, 15" RIM HEIGHT. FLUSH VALVE: SLOAN WES 111, MANUAL DUAL FLUSH, 1-1/2" TOP SPUD, 1.6 GPF. SEAT: SEAT: CHURCH MODEL NO. 355555 EXTRA HEAVY WEIGHT SOLID PLASTIC ELONGATED OPEN FRONT SEAT WITH DURAGUARD ANTIMICROBIAL AGENT, SELF SUSTAINING CHECK HINGE.	1"	-	4"	2"						
WH-1	WALL HYDRANT	WOODFORD MODEL R16, ANTI-SIPHON FREEZELESS WALL HYDRANT, EXTERIOR BOX AND DOOR, CHROME FINISH.	3/4"	-	-	-						

- REMARKS:
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR ADDITIONAL REQUIREMENTS, ROUGH IN DIMENSIONS, AND COORDINATION OF ACCESSORIES. FIXTURE MOUNTING LOCATIONS AND OPERATION OF FIXTURE SHALL NOT INTERFERE WITH ADJACENT ACCESSORIES OR THEIR OPERATION.
  - CONTRACTOR SHALL COORDINATE ALL FIXTURES WITH OTHER TRADES. ANY CONFLICTS OR ADJUSTMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.
  - COORDINATE SINK BASINS AND DRAIN OUTLETS WITH CASEWORK AND KNEE GUARDS. PROVIDE OFFSET TAILPIECES AS REQUIRED TO ACCOMMODATE INSTALLATION AND COMPLY WITH ADA REQUIREMENTS.
  - COORDINATE FLUSH VALVE INSTALLATION WITH GRAB BARS IN ALL LOCATIONS.
  - COORDINATE MOUNTING OF FAUCET SPOUTS WITH BASINS. FAUCET SHALL NOT DISCHARGE DIRECTLY INTO BASIN DRAIN AND SHALL PROVIDE SUFFICIENT CLEARANCE BETWEEN STREAM AND BASIN TO ALLOW FOR UNOBSERVED HAND WASHING WITHOUT CONTACT WITH THE BASIN. CONTRACTOR SHALL OBTAIN AND COORDINATE WITH SHOP DRAWINGS FROM COUNTER AND CASEWORK MANUFACTURERS.
  - COORDINATE DRAIN GRATE WITH FLOOR SLOPING AND FLOORING PATTERN FOR ALL FLOOR DRAINS, FLOOR SINKS, AND TRENCH DRAINS. DRAIN SHALL BE SET SUCH THAT DRAIN GRATE IS FLUSH WITH FINISHED FLOOR SURFACE AND COORDINATED WITH PATTERN. REFER TO ARCHITECTURAL PLANS AND DETAILS FOR ADDITIONAL INFORMATION.
  - ALL PUBLIC LAVATORIES SHALL REQUIRE AN ASSE 1070 TEMPERATURE LIMITING DEVICE.

DRAINAGE FIXTURE SCHEDULE					
MARK	TYPE	DESCRIPTION	VENT SIZE	WASTE SIZE	REMARKS
FOD-1	FLOOR CLEANOUT	ZURN MODEL Z1400-8ZS, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, WITH GAS AND WATER TIGHT THREADED ABS TAMPERED PLUG, AND TOP ASSEMBLY, TYPE "B" LIGHT DUTY POLISHED STAINLESS STEEL TOP.	-	4"	
FD-1	FLOOR DRAIN	ZURN Z-415-B-2S-P FLOOR DRAIN DURA COATED CAST IRON BODY, COMBINATION INVERTIBLE MEMBRANE CLAMP ADJUSTABLE COLLAR, BOTTOM OUTLET, NO-HUB CONNECTION WITH 5" ROUND TYPE "B" POLISHED STAINLESS STEEL STRAINER. NOTE: SET FLOOR DRAINS BELOW FINISHED FLOOR TO ALLOW FOR FLOOR SLOPE. COORDINATE WITH ARCH DOCUMENTS.	2"	3"	
FD-2	FLOOR DRAIN	ZURN ZB10-YC-P 12-1/2" SQUARE TOP FLOOR DRAIN, DURA COATED CAST IRON BODY, SEEPAGE PAN, COMBINATION INVERTIBLE MEMBRANE FLASHING CLAMP, BOTTOM OUTLET, NO-HUB CONNECTION, HEAVY DUTY CAST IRON SLOTTED GRATE WITH SUSPENDED CAST IRON SEDIMENT BUCKET. NOTE: SET FLOOR DRAINS BELOW FINISHED FLOOR TO ALLOW FOR FLOOR SLOPE. COORDINATE WITH ARCH DOCUMENTS.	2"	3"	
FS-1	FLOOR SINK	ZURN Z1901 SAN-FLOOR RECEPTOR 12"x12"x3" DEEP CAST IRON BODY AND SQUARE, LIGHT DUTY GRATE WITH 1/2" SLOTTED OPENINGS, WHITE ACID RESISTING PORCELAIN ENAMEL, INTERIOR AND TOP, COMPLETE WITH WHITE A.R.C. ANTI-SPLASH INTERIOR BOTTOM DOME STRAINER. PROVIDE 1/2 GRATE AT EQUIPMENT LOCATIONS. WITH WHITE ABS ANTI-SPLASH INTERIOR BOTTOM DOME STRAINER. PROVIDE 1/2 GRATE AT EQUIPMENT LOCATIONS.	2"	4"	

- REMARKS:
- PERFORMANCE BASED ON FLUID AND CONDITIONS INDICATED IN THIS SCHEDULE.
  - PROVIDE WITH THE FOLLOWING ACCESSORIES: DISCONNECT, SUCTION DIFFUSER, CHECK VALVE, VENTURI FLOW MEASURING DEVICE, FLEXIBLE CONNECTORS, UNIONS, AND TEMPERATURE AND PRESSURE GAUGES ON EACH CONNECTION.
  - PROVIDE AQUASTAT, TIMER, FLEX CONNECTORS, DISCONNECT, ECOM MOTOR AND CONTROLLER.
  - ALL WETTED COMPONENTS SHALL BE NSF 61 AND NSF 372 COMPLIANT.
  - PROVIDE BACNET INTERFACE.
  - "SCCR" - VALUE INDICATED IS AVAILABLE SHORT CIRCUIT CURRENT (SCC) IN KILOAMPS AT THE EQUIPMENT BASED ON PRELIMINARY DESIGN PHASE CALCULATIONS. EQUIPMENT SCCR SHALL BE MINIMUM 120% OF THE AVAILABLE SCC. RATING SHALL BE ADJUSTED IF REQUIRED BASED ON FINAL SCC CALCULATION. EQUIPMENT INDICATED WITH 5 KA MAY BE PROVIDED WITH 5 KA SCCR. REVIEW SCCR WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT.

PRESSURE REDUCING VALVE SCHEDULE							
MARK	SERVICE	SIZE [IN]	REGULATING OR REDUCING VALVE		MANUFACTURER	MODEL	REMARKS
			INLET PRESSURE	OUTLET PRESSURE			
PRV-1	DOMESTIC COLD WATER	2-1/2	80	70	WATTS	LP223-S-B	(1)(2)

- REMARKS:
- CAPACITIES BASED ON CONDITIONS INDICATED IN SCHEDULE.
  - PROVIDE WITH THE FOLLOWING ACCESSORIES: INLET AND OUTLET PRESSURE GAUGES, INLET STRAINERS, FULL SIZE BIPASS, AND ISOLATION VALVES.

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SHEET NAME  
**PLUMBING SCHEDULES**

SHEET NUMBER  
**P600**

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