

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
PLUMBING EQUIPMENT SCHEDULE														
SYMBOL	MANUFACTURER	CATALOG #	DESCRIPTION											
— S —	—	—	SANITARY PIPING, SCHEDULE 40 PVC, PVC FITTINGS WITH SOLVENT WELDED JOINTS BELOW GRADE. SCHEDULE 40 PVC WITH SOLVENT WELDED JOINTS 6" ABOVE GRADE.											
— V —	—	—	VENT PIPING, SCHEDULE 40 PVC, PVC FITTINGS WITH SOLVENT WELDED JOINTS BELOW GRADE AND SCHEDULE 40 PVC WITH SOLVENT WELDED JOINTS 6" ABOVE GRADE.											
— C —	—	—	DOMESTIC COLD WATER PIPING, COPPER TYPE "L" WITH LEADFREE SOLDER JOINTS ABOVE GRADE AND COPPER TYPE "K" FOR UNDERGROUND PIPING 3" OR LESS. NO JOINTS PERMITTED BELOW GRADE. INSULATE UNDERGROUND WITH 1" THICK ELASTOMERIC INSULATION. INSULATE ALL ABOVE GROUND PIPING WITH ½" THICK FIBERGLASS PIPE INSULATION WITH VAPOR PROOF JACKET, TAPED JOINTS AND PVC FITTING COVERS. EXPOSED PIPING IN FINISHED AREAS OR AS NOTED SHALL BE COVERED WITH PVC PIPE COVER AND PAINTED. (1) - COAT PRIMER, (2) COATS - PAINT. COLOR AS DIRECTED BY ARCHITECT											
— H —	—	—	DOMESTIC HOT WATER PIPING, COPPER TYPE "L" WITH LEADFREE SOLDER JOINTS ABOVE GRADE AND COPPER TYPE "K" FOR UNDERGROUND PIPING. NO JOINTS PERMITTED BELOW GRADE. INSULATE UNDERGROUND PIPING UP TO 1 ½" DIA WITH 1" AND PIPING ABOVE 1 ½" DIA USE 1 ½" THICK ELASTOMERIC INSULATION. INSULATE ALL ABOVE GROUND PIPING UP TO 1 ½" DIA WITH 1" AND PIPING ABOVE 1 ½" DIA USE 1 ½" THICK FIBERGLASS PIPE INSULATION WITH VAPOR PROOF JACKET, TAPED JOINTS AND PVC FITTING COVERS. EXPOSED PIPING IN FINISHED AREAS OR AS NOTED SHALL BE COVERED WITH PVC PIPE COVER AND PAINTED. (1) - COAT PRIMER, (2) COATS - PAINT. COLOR AS DIRECTED BY ARCHITECT											
— R —	—	—	DOMESTIC HOT WATER RECIRCULATION PIPING, COPPER TYPE "L" WITH LEADFREE SOLDER JOINTS ABOVE GRADE AND COPPER TYPE "K" FOR UNDERGROUND PIPING. NO JOINTS PERMITTED BELOW GRADE. INSULATE UNDERGROUND PIPING UP TO 1 ½" DIA WITH 1" AND PIPING ABOVE 1 ½" DIA USE 1 ½" THICK ELASTOMERIC INSULATION. INSULATE ALL ABOVE GROUND PIPING UP TO 1 ½" DIA WITH 1" AND PIPING ABOVE 1 ½" DIA USE 1 ½" THICK FIBERGLASS PIPE INSULATION WITH VAPOR PROOF JACKET, TAPED JOINTS AND PVC FITTING COVERS. EXPOSED PIPING IN FINISHED AREAS OR AS NOTED SHALL BE COVERED WITH PVC PIPE COVER AND PAINTED. (1) - COAT PRIMER, (2) COATS - PAINT. COLOR AS DIRECTED BY ARCHITECT											
— CW —	—	—	DOMESTIC WATER SERVICE PIPING, COPPER TYPE "L" WITH LEADFREE SOLDER JOINTS ABOVE GRADE AND COPPER TYPE "K" FOR UNDERGROUND PIPING DUCTILE IRON PIPE, ANKA C51, FITTINGS: DUCTILE IRON, STANDARD THICKNESS, JOINTS: ANKA C11, RUBBER GASKET WITH ½ INCH DIAMETER RODS, INSULATE ALL ABOVE GROUND PIPING WITH ½" THICK FIBERGLASS PIPE INSULATION WITH VAPOR PROOF JACKET, TAPED JOINTS AND PVC FITTING COVERS.											
— TF —	—	—	TRUCKFILL WATER PIPING, COPPER TYPE "L" WITH LEAD FREE SOLDER JOINTS ABOVE GRADE. INSULATE ALL PIPING WITH ½" THICK FIBERGLASS PIPE INSULATION WITH VAPOR PROOF JACKET, TAPED JOINTS AND PVC FITTING COVERS, EXPOSED PIPING IN FINISHED AREAS OR AS NOTED SHALL BE COVERED WITH PVC PIPE COVER AND PAINTED. (1) - COAT PRIMER, (2) COATS - PAINT. COLOR AS DIRECTED BY ARCHITECT											
— CA —	—	—	COMPRESSED AIR PIPING, SCHEDULE 40 GALVANIZED STEEL WITH SCREWED JOINTS AND FITTINGS A120 STANDARD WEIGHT.											
— CA —	—	—	COMPRESSED AIR QUICK DISCONNECT FITTING. COORDINATE EXACT SIZE AND TYPE WITH FIRE DEPARTMENT.											
— TF —	—	—	TRUCK FILL 2" BALL VALVE WITH 1 ½" HOSE ADAPTER FITTING, CAP & CHAIN AS APPROVED BY FIRE DEPARTMENT PRIOR TO INSTALLATION. FURNISH & INSTALL WALL HOSE RACK TO HOLD MAXIMUM 75 FEET OF 1 ½" HOSE ADJACENT TO TRUCK FILL. EXACT HEIGHT AND LOCATION AS APPROVED BY FIRE DEPARTMENT PRIOR TO INSTALLATION.											
— SA —	NIBCO	—	BALL VALVE, BRONZE BODY, FULL PORT.											
— U —	—	—	TRAP											
HR-1	HANNY	818-25-26B	WATER HOSE REEL, HEAVY-DUTY SERIES 800, ¾" ID HOSE - 70 FEET LENGTH FLEX TROL, 1000 PSI, ¾" HOSE CONNECTION WITH MOUNTING BRACKETS, HOSE INLET KIT, HOSE STOP KIT AND NOZZLE (AS SELECTED BY FIRE COMPANY). EXACT LOCATION AND MOUNTING HEIGHT AS DIRECTED BY ARCHITECT.											
	T4S BRASS	MY-0711-12N-BV	WASHDOWN STATION ¾" HOT & COLD WITH CHECKVALVES, BALL VALVES, STAINLESS STEEL HOSE RACK, ¾" OUTLET HOSE CONNECTION.											
CAHR-1	HANNY	NT16-19-20-10-5J	COMPRESSED AIR HOSE REEL, HEAVY-DUTY SERIES NT100, ¾" ID HOSE - 50 FEET LENGTH, 3000 PSI, ¾" HOSE CONNECTION WITH MOUNTING BRACKETS, HOSE INLET KIT, HOSE STOP KIT AND QUICK DISCONNECT AIR FITTING (AS SELECTED BY FIRE COMPANY). EXACT LOCATION AND MOUNTING HEIGHT AS DIRECTED BY ARCHITECT.											
WC-1	AMERICAN STANDARD	3043.001	MADERA RIGHT HEIGHT EL 128 ELONGATED FLUSH VALVE TOILET. VITREOUS CHINA, DIRECT-FED SIPHON JET, ⅝" TOP SPUD INLET, OPEN FRONT SEAT WITH COVER. COLOR AS DIRECTED BY ARCHITECT. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY. COLOR BY ARCHITECT.											
	SLOAN	111-128 ES-5	EXPOSED SENSOR OPERATED WATER CLOSET FLUSHOMETER, LOW CONSUMPTION (1.28 GPF) WITH EL-154 TRANSFORMER (120 VAC / 24 VAC).											
UR-1	AMERICAN STANDARD	6509.001	WASHBROOK URINAL CONSTRUCTED OF VITREOUS CHINA, TOP SPUD LOW CONSUMPTION (0.5 GPF). COLOR AS DIRECTED BY ARCHITECT.											
	SLOAN	186-0.5 ES-5	EXPOSED SENSOR OPERATED URINAL FLUSHOMETER, LOW CONSUMPTION (0.5 GPF) WITH EL-154 TRANSFORMER (120 VAC / 24 VAC).											
L-1	AMERICAN STANDARD	0355.012	LUCERNE WALL HUNG LAVATORY VITREOUS CHINA, 4" CENTERS FAUCET HOLES, FLOOR MOUNTED CONCEALED ARM SUPPORT CARRIER, CHROME OFFSET GRID DRAIN WITH OVERFLOW AND IT GAUGE TRAP, CHROME WATER SUPPLIES AND KEY OPERATED STOPS, IPS TRUEBRO LAV GUARD INSULATION KIT. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY.											
	ZURN	Z1231	CONCEALED ARM SUPPORT CARRIER FOR WALL LAVATORIES.											
L-2	AMERICAN STANDARD	0476.028	AQUALYN COUNTERTOP LAVATORY VITREOUS CHINA, 4" CENTERS FAUCET HOLES, CHROME OFFSET GRID DRAIN WITH OVERFLOW AND IT GAUGE TRAP, CHROME WATER SUPPLIES AND KEY OPERATED STOPS, IPS TRUEBRO LAV GUARD INSULATION KIT. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY.											
	SLOAN	ETF-600	OPTIMA ELECTRONIC HAND WASHING FAUCET 0.5 GPM VANDAL RESISTANT SPRAY HEAD. SENSOR ACTIVATED WITH 4" DECK PLATE, SOLID BRASS SOLENOID, PLUG-IN TRANSFORMER 120 VAC / 12 VDC. THERMOSTATIC MIXING VALVE, KEY OPERATED STOPS, IT GAUGE P-TRAP W/CLEANOUT AND GRID STRAINER. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY - 120 VAC/24 VAC.											
SH-1	SYMMONS	SAFETYMIX I-HIT-F5	SHOWER VALVE, PRESSURE BALANCING, LEVERTROL LEVER DIVERTER, SUPER SHOWER HEAD, F5B HAND SPRAY UNIT WITH 60" FLEXIBLE HOSE, 30" SLIDE BAR, WALL CONNECTION, IN-LINE VACUUM BREAKER, INTEGRAL STOPS, 2.0 GPM RESTRICTOR, LEVER HANDLE CONTROL, ADA COMPLIANT. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY. SEE ARCHITECTURAL DRAWINGS											
	ZURN	415	FLOOR DRAIN, DURA COATED, 5" x 5" SQUARE NICKEL BRONZE TYPE "S" STRAINER, 2" OUTLET.											
FD-1	ZURN	415	FLOOR DRAIN, DURA COATED, 6" x 6" SQUARE NICKEL BRONZE TYPE "S" STRAINER, 3" OUTLET.											
	PROSET	TRAP GUARD	TRAP GUARD FOR EMERGENCY FLOOR											
TD-1	JAY R SMITH	2710 SERIES	TRENCH DRAIN, DUGO CAST IRON COATED, (12" x 12") 3 - SECTIONS, END PLATES WITH HEAVY DUTY DUCTILE IRON GRATE - M. EPOXY COATED COLOR AS DIRECTED BY ARCHITECT. SEDIMENT BUCKET. 4" OUTLET.											
EW-1	GUARDIAN	61814	WALL MOUNT EMERGENCY EYE WASH. STAINLESS STEEL BOWL, TWO 65-PLUS SPRAY HEADS WITH STAINLESS STEEL BOWL COVER (BC), ½" NPT SUPPLY AND ⅝" NPT DRAIN WITH ELBOW AND PIPE EXTENDED 6" ABOVE APPARATUS ROOM FLOOR. FC20 REGULATES EACH SPRAY HEAD FLOW TO 1.6 GPM. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY.											
		6360OLF TMV	EMERGENCY EYE WASH MIXING VALVE, FACTORY SET TO 85°F, HIGH TEMPERATURE LIMIT SET TO 90°F, 3.5 GPM @ 15 PSI DROP. MIXING VALVE WILL CLOSE DOWN ON FAILURE OF COLD WATER. SPECIAL INTERNAL COLD WATER BYPASS. COMPLIANCE WITH ANSI Z 358.1											

PLUMBING EQUIPMENT SCHEDULE CONT'			
SYMBOL	MANUFACTURER	CATALOG #	DESCRIPTION
SS-1	AMERICAN STANDARD	7695.000	AKRON SERVICE SINK, ENAMELED CAST IRON, WITH WALL HANGER, RIM GUARD, 3" CAST IRON P-TRAP AND CLEANOUT. COLOR AS DIRECTED BY ARCHITECT.
		8344.112	EXPOSED YOKE WALL MOUNTED UTILITY FAUCET WITH METAL HANDLES, VACUUM BREAKER, TOP BRACE AND INTEGRAL STOPS.
DF-1	ELKAY	E4MM21TC	TWO LEVEL SOFT SIDES HEAVY DUTY STAINLESS STEEL DRINKING FOUNTAIN WITH WALL PLATE, INTEGRAL P-TRAP, BOTTOM PLATES. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY. FIXTURE AS SELECTED BY OWNER
NFHB-1	WOODFORD	67	3/4" WALL HYDRANT NON-FREEZE, SELF-DRAINING, VANDAL RESISTANT INTEGRAL VACUUM BREAKER, KEY OPERATED, CHROME FINISH.
C.O.	—	—	CLEANOUT
F.C.O.	—	—	FLOOR CLEANOUT PEDESTRIAN TRAFFIC SEE DETAIL #7 ON DRAWING (P500)
F.C.O.-1	—	—	FLOOR CLEANOUT VEHICLE/TRUCK TRAFFIC (SEE DETAIL #4 ON DRAWING (P500)
W.C.O.	—	—	WALL CLEANOUT SEE DETAIL #5 ON DRAWING (P500)
EX.C.O.	—	—	EXTERIOR CLEANOUT SEE DETAIL #3 ON DRAWING (P500)
TPU-1	MIFAB	M1-300-625 -120	ELECTRONIC TRAP SEAL PRIMER SYSTEM WITH ENCLOSURE, AIR GAP, SOLENOID VALVE, ADJUSTABLE TIMER AND MI-DU DISTRIBUTION UNIT (M1-D1-625) WITH (5) ¾" PIPE CONNECTIONS, CAP UNUSED PIPE CONNECTIONS - 120V/1. MOUNT UNIT AS DIRECTED IN FIELD BY ARCHITECT
TP-1	MIFAB	M-500, MI-DU MI-GAP	TRAP SEAL PRIMER WITH DISTRIBUTION UNIT TO SERVE UP TO FOUR (4) FLOOR DRAINS AND AIR GAP FITTING (MI-GAP).
WB-1	OATEY	12K	WALL BOX WITH BRASS VALVE & COPPER CONNECTION.
EW-1	GUARDIAN	61814	WALL MOUNT EMERGENCY EYE WASH. STAINLESS STEEL BOWL, TWO 65-PLUS SPRAY HEADS WITH STAINLESS STEEL BOWL COVER (BC), ½" NPT SUPPLY AND ⅝" NPT DRAIN WITH ELBOW AND PIPE EXTENDED 6" ABOVE APPARATUS ROOM FLOOR. FC20 REGULATES EACH SPRAY HEAD FLOW TO 1.6 GPM. INSTALL IN ACCORDANCE WITH ANSI A117.1 AND ADA STANDARDS FOR HANDICAP ACCESSIBILITY.
		6360OLF TMV	EMERGENCY EYE WASH MIXING VALVE, FACTORY SET TO 85°F, HIGH TEMPERATURE LIMIT SET TO 90°F, 3.5 GPM @ 15 PSI DROP. MIXING VALVE WILL CLOSE DOWN ON FAILURE OF COLD WATER. SPECIAL INTERNAL COLD WATER BYPASS. COMPLIANCE WITH ANSI Z 358.1
WH-1	VISESSMANN	300 V EVIB-79	VITOCELL INDIRECT WATER HEATER, 79 GAL. STORAGE, RECOVERY: 236 GPH @ 90° RISE INPUT: 177 MBH @ 13.2 GPM (MIN). 144°F E.W.T.
ST-1	AMTROL	5T-12V	THERM-X-TROL DOMESTIC HOT WATER SYSTEM THERMAL EXPANSION TANK, MAXIMUM WORKING PRESSURE 150 (PSIG)
P-1	GRUNDFOS	UP 15-42B7	DOMESTIC HOT WATER RECIRCULATION PUMP, BRONZE BODY WITH AQUASTAT AND "UP" TIMER. 8 GPM @ 10 FEET OF HEAD 1/25 HP - 120V/1
ID-1	—	—	INDIRECT WASTE FUNNEL DRAIN PVC. 2" OUTLET.
	RECTORSEAL	97046	SURESEAL PLUS 2" DRAIN TRAP SEAL/CHECK VALVE.

No.	REVISION/SUBMISSION	DATE
Mechanical/Electrical/Plumbing Engineer		
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PROJECT NEW FIRE STATION FOR ROMBOUT FIRE DISTRICT - STATION 2 NYS ROUTE 52, FISHKILL, NY		
DRAWING PLUMBING: EQUIPMENT SCHEDULES		
SEAL	DRAWN BY RL/KC CHECKED BY JT/GH DRAWING NUMBER P601	PROJECT NUMBER 18142 DATE 11-30-22
FILE	H:\2021\GA21063	