

**PLUMBING GENERAL NOTES:**

- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. FOLLOW DRAWING IN LAYING OUT WORK AND CHECK DRAWINGS OF OTHER TRADES TO VERIFY SPACE CONDITIONS. MAINTAIN HEADROOM AND SPACE CONDITIONS.
- EXACT LOCATIONS OF ALL PLUMBING FIXTURES, DEVICES, WATER PUMPS, EQUIPMENT, AND ACCESSORIES SHALL BE AS INDICATED ON ARCHITECTURAL AND/OR PLUMBING DRAWINGS. REFER TO PLUMBING DWGS. SHEET "PL 100" FOR DIMENSIONED LOCATIONS.
- VERIFY LOCATIONS OF FIXTURES, DEVICES, IN FINISHED AREAS WITH ARCHITECTURAL DRAWINGS OF INTERIOR DETAILS AND FINISH. IN CENTERING OUTLETS AND DEVICES, ALLOW FOR OVERHEAT PIPES, DUCTS AND MECHANICAL EQUIPMENTS, VARIATIONS IN FIREPROOFING AND PLASTERING, WINDOW AND DOOR TRIM, PANELING, HUNG CEILINGS AND THE LIKE. CORRECT ANY INACCURACY RESULTING FROM FAILURE TO DO SO WITHOUT EXPENSE TO OWNER.
- ALL ACCESS DOOR LOCATIONS SHALL BE REVIEWED BY ARCHITECT PRIOR TO INSTALLATION.
- ALL WORK IS NEW AND WILL BE INSTALLED TO V.A. SPECIFICATIONS AND EXISTING TO BROUGHT UP TO CODE OR OTHERWISE SPECIFIED IN WRITING.
- ANY ISSUES WITH NEW LOCATIONS TO BE BROUGHT TO ENGINEERING'S ATTENTION VERBALLY AND IN WRITING. ALL FINAL DECISIONS MUST BE APPROVED BY ENGINEERING SERVICE PRIOR TO WORK STARTING.
- CONTRACTOR SHALL PERFORM ALL PLUMBING IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL PLUMBING CODE, ALL FEDERAL, STATE LOCAL RULES, LAWS, REGULATIONS, VETERANS AFFAIRS (VA) SPECIFICATION.
- CONTRACTOR SHALL INSTALL "K" COPPER, DRAWN FOR ALL DOMESTIC WATER LINES INSTALLED AS PART OF THIS PROJECT, UNLESS SPECIFICALLY DESIGNATED ELSEWHERE IN THE PLANS, SPECIFICATIONS, OR BY THE CONTRACTING OFFICER.
- CONTRACTOR SHALL SOLDER USING LEAD FREE SOLDER ONLY.
- CONTRACTOR SHALL CORE DRILL ANY OPENING THRU CONCRETE WITH DIAMOND CORE DRILL. CONTRACTOR SHALL SUPPLY, PROVIDE AND USE APPROPRIATE WET VACS, DROP CLOTHS, OR ANY OTHER DEVICE TO PROTECT GOVERNMENT PROPERTY DURING THIS OPERATION. THE CONTRACTOR SHALL BE FURTHER ADVISED THAT THIS PROTECTION IS EXTENDED TO THE FLOOR BELOW.
- CONTRACTOR SHALL INSTALL SLEEVES (BLACK IRON) ON ALL CONCRETE OPENINGS. THIS SLEEVE SHALL BE WIDE ENOUGH SUCH THAT INSULATION WILL BE CONTINUOUS THRU THE SLEEVE.
- CONTRACTOR SHALL INSULATE ALL HOT WATER, COLD WATER, STEAM, CONDENSATE RETURN, HOT WATER RETURN PIPING, INCLUDING ALL FITTINGS WITH SPECIFIED INSULATION. ELBOWS, TEES, SHALL BE INSULATED WITH PLASTIC COVERS FILLED WITH FIBERGLASS INSULATION. JACKET SHALL BE ASJ, BANNED AND STAPLED, EXCEPT AS OTHERWISE NOTED ON THE PLANS AND SPECIFICATIONS.
- CONTRACTOR SHALL LABEL ALL PIPING TO INDICATE FLOW DIRECTION AND CONTENT.
- CONTRACTOR SHALL INSTALL 3 PIECE FULL PORT BALL VALVES FOR SHUTOFFS.
- CONTRACTOR SHALL NUMBER AND LABEL ALL VALVES INSTALLED AS PART OF THIS CONTRACT WITH BRASS TAGS. NUMBERS SHALL BE AS DESIGNATED BY THE CONTRACTING OFFICER. CONTRACTOR SHALL SUBMIT TO THE CONTRACTING OFFICER A TYPED LIST (4 COPIES) OF ALL VALVES INSTALLED AS PART OF THIS PROJECT. THIS LIST SHALL BE INCLUSIVE AND INCLUDE, AS A MINIMUM, THE FOLLOWING INFORMATION IN TABULAR FORM: VALVE MARK-LOCATION-SIZE-TYPE-MANUFACTURER-FUNCTION.
- CONTRACTOR SHALL INSTALL ALL PIPING IN A NEAT, PROFESSIONAL MANNER, INDEPENDENTLY SUPPORTED FROM OTHER UTILITIES.
- CONTRACTOR SHALL USE EXPANSION BOLTS (DRILLED) ONLY WHEN ANCHORING INTO CONCRETE. USE OF EXPLOSIVE SHOTS ARE PROHIBITED WHEN ANCHORING INTO CONCRETE.
- CONTRACTOR SHALL SAW CUT ANY INTERIOR OR EXTERIOR CONCRETE OR ASPHALT BEFORE REMOVING SAME.
- CONTRACTOR SHALL INSTALL KEYLESS SHUTOFF VALVES ON ALL NEW FIXTURES AND TURN OVER TO THE CONTRACTING OFFICER 2 SETS OF KEYS FOR EACH FIXTURE.
- CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY FIXTURE, TRIM, CARRIER, SUBMIT FOR APPROVAL, MANUFACTURERS LITERATURE FOR ALL ITEMS.
- CONTRACTOR SHALL TEST, IN THE PRESENCE OF THE VA CONTRACTING OFFICER, ALL PIPING AND SUBMIT TO THE CONTRACTING OFFICER 4 COPIES OF THE TESTING REPORT. TESTING SHALL BE AS INDICATED IN THE CONTRACT SPECIFICATIONS.
- CONTRACTOR SHALL SUPPLY AND INSTALL UNIONS ON ALL VALVES, GAUGES, THERMOMETERS, ETC., FOR EASY REMOVAL.
- CONTRACTOR SHALL INSTALL DIELECTRIC FITTINGS ON ALL DISSIMILAR METALS AND ON ALL FERROUS, NON-FERROUS PIPING.
- CONTRACTOR SHALL ADVISE THE CONTRACTING OFFICER, IN WRITING A MINIMUM OF 48 HOURS PRIOR TO THE SHUTOFF OF ANY PLUMBING SYSTEM. THE CONTRACTOR SHALL BE ADVISED THAT THE VETERANS AFFAIRS IS RESPONSIBLE FOR OPERATING ANY EXISTING UTILITY VALVE. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ANY FAILED VALVE AT NO ADDITIONAL COST TO THE GOVERNMENT, SHOULD THE CONTRACTOR EXERCISE VALVES WITHOUT THE PROPER AUTHORIZATION.
- "THERMO VALVE" INDICATES THERMOSTATIC WATER TEMPERATURE CONTROL VALVE.
- DRAINS TO CONSIST OF 3/4" GLOBE VALVE WITH HOSE NIPPLE.

- FOR FUTURE FIXTURES IN UTILITY ROOMS PROVIDE PLUMBING TEES - 1" C.W. FOR #16, 3/4" C.W., 3/2" H.W. FOR #18 AND #20.
- INSTALLATION SHALL BE INSTALLED IN STRICT CONFORMITY WITH ALL REQUIREMENTS OF THE NEW YORK CITY PLUMBING CODE AND ALL PERTINENT REFERENCE STANDARDS GOVERNING WATER WORK.
- WATER INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH THE BUREAU OF WATER SUPPLY REQUIREMENTS INCLUDING THE RPZ INSTALLATION AND FIRE SERVICE ASSEMBLIES.
- ALL WATER SUPPLIES SHALL BE OVER THE RIM SUPPLY OR SHALL BE PROVIDED WITH APPROVED TYPE VACUUM BREAKERS INCLUDING ALL WATER CLOSET FLUSH VALVES, INCLUDING, HOSE BIBB CONNECTIONS.
- ALL WATER PIPING SHALL BE SIZED TO PRODUCE VELOCITIES NOT IN EXCESS OF 8 FEET PER SECOND AND SHALL HAVE A MINIMUM OF 20 P. S. I. AT EVERY FIXTURE UNLESS OTHERWISE DIRECTED OR NOTED.
- EXPANSION LOOPS AND ANCHORS SHALL BE PROVIDED FOR EXPANSION IN HW AND HOT RECIRCULATING PIPING LINES.
- ALL CONNECTIONS TO EQUIPMENT OF DISSIMILAR MATERIAL SHALL BE PROVIDED WITH DIELECTRIC UNIONS.
- PROVIDE VALVES ON ALL BRANCH LINES TO EACH FIXTURE AND EQUIPMENT INCLUDING BRANCH FROM MAINS, AND FROM RISERS. ALL RISERS AND MAINS SHALL BE PROVIDED WITH VALVES. ALL EXPOSED VALVES & HANDLES SHALL BE CHROME PLATED.
- WHERE BRANCH SUPPLIES ARE TRAPPED, AT LOW POINTS, AND WHERE BRANCH OR MAINS SUPPLY FIXTURES OR EQUIPMENT ARE LOCATED HIGHER THAN SUPPLY MAIN, PROVIDE DRAIN BIBBS ON LINE.
- PRESSURE REDUCING VALVES SHALL BE PROVIDED ON ALL WATER LINES WHERE THE PRESSURE EXCEEDS 85 P.S.I. TENANT FOR EACH RETAIL SPACES SHALL PROVIDE THEIR OWN PRV ASSEMBLY TO SUIT.
- ALL VALVES, SHOCK ABSORBERS, EXPANSION LOOPS AND OTHER ITEMS CONCEALED SHALL BE PROVIDED WITH ACCESS DOORS FOR ACCESSIBILITY FOR SAME.
- FOR ALL EQUIPMENT AND FIXTURES FURNISHED BY OTHERS, THIS CONTRACTOR SHALL VERIFY EXACT LOCATION AND PIPE SIZES PRIOR TO FABRICATION OR INSTALLATION OF SAME.
- ALL WATER BRANCHES SHALL BE OFFSET SUFFICIENTLY TO CLEAR ALL RECESSED CABINETS AND EQUIPMENT LOCATED IN PARTITIONS.
- BACKFLOW PREVENTION SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE NYS CROSS CONNECTION CONTROL.
- IF A PIPE IS NOT SIZED REFER TO FLOOR PLANS OR SIMILAR PIPING FOR PIPE SIZES.

**GENERAL ABBREVIATIONS:**

ABV.	-	ABOVE	HP	-	AUTOMATIC HOUSE POWER
ADO	-	AUTOMATIC DOOR OPENER	HT	-	HEIGHT
A/C	-	AIR CONDITIONING	HV	-	HIGH VOLTAGE
A.C.T	-	ACOUSTICAL CEILING TILE	HVAC	-	HEATING, VENTILATION, & AIR CONDITIONING
A.F.	-	AMPERE FRAME	HW	-	HOT WATER
A.F.F.	-	ABOVE FINISHED FLOOR	HWR	-	HOT WATER RETURN
A.H.U.	-	AIR HANDLING UNIT	HWRC	-	HOT WATER RETURN CIRCULATION
AL/ALUM.	-	ALUMINUM	IN	-	INCH
APPROX.	-	APPROXIMATE	INV EL	-	INVERT ELEVATION
AR	-	ACID RESISTANT	IW	-	ICE WATER
ASSY	-	ASSEMBLY	IWR	-	ICE WATER RETURN
AT	-	AMPERE TRIP	INCAND	-	INCANDESCENT
ATS	-	AUTOMATIC TRANSFER SWITCH	INTR	-	INTERIOR
AVG.	-	AVERAGE	JB	-	JUNCTION BOX
BC	-	BARE COPPER	LAV	-	LAVATORY
BRIP	-	BOILER PLANT INSTRUMENTATION PANEL	LTCP	-	LOCAL TEMPERATURE CONTROL PANEL
BFP	-	BACK FLOW PREVENTER	LTG	-	LIGHTING
BLDG	-	BUILDING	LTS	-	LIGHTS
BWV	-	BACK WATER VALVE	LV	-	LOW VOLTAGE
C	-	CONDUIT	MATV	-	MASTER ANTENNA TELEVISION
CA	-	COMPRESSED AIR	MCB	-	MAIN CIRCUIT BREAKER
CCTV	-	CLOSED CIRCUIT T.V.	MCC	-	MOTOR CONTROL CENTER
CB, C/B	-	CIRCUIT BREAKER	MDP	-	MAIN DISTRIBUTION PANEL
CFS	-	CUBIC FEET PER SECOND	MLO	-	MAIN LUGS ONLY
CI	-	CAST IRON	MH	-	MANHOLE
CKT	-	CIRCUIT	MIN	-	MINIMUM
CLG	-	CEILING	MO	-	MASONRY OPENING
C.M.U.	-	CONCRETE MASONRY UNIT	MTD	-	MOUNTED
CO	-	CLEAN OUT	MTG HT	-	MOUNTING HEIGHT
CONN	-	CONNECTION	N	-	NORTH
CONT	-	CONTINUED	N/A	-	NOT APPLICABLE
CW	-	COLD WATER	NC	-	NEW CONNECTION
CWR	-	COLD WATER RETURN	NFSS	-	NON-FUSED SAFETY SWITCH
DB	-	DIRECT BURIAL	NIC	-	NOT IN CONTRACT
DF	-	DRINKING FOUNTAIN	NL	-	NON-CONTROLLED 24HR LIGHT
DN	-	DOWN SPOUT NOZZLE	NUMB	-	NUMBER
DROP	-	PIPING BETWEEN FLOORS	NTS	-	NOT TO SCALE
DS	-	DOWN SPOUT	OPP	-	OPPOSITE
DU	-	DENTAL UNIT	P	-	POLE
DW	-	DISH WASHER	PB	-	PULL BOX
DWG.	-	DRAWING	PBPU	-	PREFABRICATED BEDSIDE PATIENT POWER UNIT
DWTR	-	DUMB WAITER	PIV	-	PREVENTATIVE INFUX VALVE
EC	-	EMPTY CONDUIT	PLBG	-	PLUMBING WASH
FD	-	FLOOR DRAIN	PNL	-	PANEL
EEW	-	EMERGENCY EYE WASH	POD	-	POWER OPERATED
EG	-	EQUIPMENT GROUND	PRV	-	PRESSURE REDUCING VALVE
EJ	-	EXPANSION JOINT	PS	-	PIPE SLEEVE
ELEC.	-	ELECTRIC	PTRV	-	POWER TYPE ROOF VENTILATION
ELEV.	-	ELEVATOR	PWR	-	POWER
EMERG	-	EMERGENCY EQUIPMENT	RECEPT	-	RECEPTACLE
EQPM	-	EQUIPMENT	RGIP	-	REMOTE GROUND INDICATOR PANEL
EXP. XP	-	EXPANSION PROOF	RD	-	ROOF DRAIN
EXT.	-	EXTERIOR	RISE	-	PIPE RISE BETWEEN FLOORS
EXTG	-	EXISTING	RM	-	ROOM
EWC	-	ELECTRIC WATER COOLER	RPZ	-	REDUCE PRESSURE ZONE
FA	-	FIRE ALARM	S	-	SANITARY
FACP	-	FIRE ALARM CONTROL PANEL	SC	-	SHOWER CURTAIN
FCU	-	FAN COIL UNIT	SH	-	SHOWER HEAD
FD	-	FLOOR DRAIN	SHR	-	SHOWER
FF	-	FINISH FLOOR	SIG	-	SIGNAL
FHR	-	FIRE HOSE & RACK	SP	-	SOIL PIPE
FI	-	FILM ILLUSTRATOR	SS	-	SAFETY SWITCH
FIXT	-	FIXTURE	STA	-	STATION
FL	-	FLOOR	SQ FT	-	SQUARE FEET
FLUOR	-	FLUORESCENT	TC	-	TERRA COTTA
FR	-	FIRE RISER	TMV	-	THERMOSTATIC MIXING VALVE
FSCP	-	FLAME SAFEGUARD CONTROL SWITCH	TH./THK.	-	THICKNESS
FSS	-	FUSED SAFETY SWITCH	TW	-	TEMPERED WATER
G	-	GAS	TWRC	-	TEMPERED WATER RETURN CIRCULATION TYPICAL
GEN.	-	GENERATOR	TYP	-	TYPICAL
GFI	-	GROUND FAULT INTERRUPTER	UH	-	UNIT HEATER
GND	-	GROUND	UON	-	UNLESS OTHERWISE NOTED
GPH	-	GALLONS PER HOUR	UR	-	URNAL
GPM	-	GALLONS PER MINUTE	V	-	VENT
GTB	-	GROUND TERMINAL	VB	-	VACUUM BREAKER
BOX	-	GYPSUM	VCT	-	VINYL COMPOSITE TILE
GYP	-	GYPSUM WALL BOARD	VENT	-	VENTILATION
G.W.B.	-	GYPSUM WALL BOARD	VEST	-	VESTIBULE
HACR	-	HEATING AIR CONDITION REFRIGERATION	VIF	-	VERIFY IN FIELD
HB	-	HOSE BIBB			
HH	-	HANDHOLE			
HM	-	HOLLOW METAL			
HOA	-	HAND OFF			

**GENERAL PLUMB. SYMBOLS**

	WASTE, SOIL PIPE
	VENT PIPE
	DROP IN WP OR SP
	RUNNING TRAP
	CLEAN OUT (IN FLOOR)
	CLEAN OUT (IN PIPE)
	REFRIGERANT PIPING
	INCREASER OR REDUCER
	PLUGGED INLET
	BACK FLOW VALVE
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER CIRCULATION
	NATURAL GAS
	ICE WATER
	ICE WATER RETURN
	COMPRESSED AIR
	ANCHOR
	RISE OR DROP IN STEAM PIPING
	STRAINER, STRAINER WITH BLOW-OFF VALVE
	GATE VALVE
	GLOBE VALVE
	CHECK VALVE
	PRESSURE REDUCING VALVE AND BYPASS
	AUTOMATIC ZONE CONTROL VALVE AND BYPASS
	THERMOSTATIC STEAM TRAP
	FLOAT AND THERMOSTATIC STEAM TRAP
	TWO-WAY TEMPERATURE CONTROL (MODULATING) VALVE
	THERMOMETER
	PRESSURE GAUGE WITH NEEDLE VALVE COCK.
	DISCONNECTION POINT
	NEW CONNECTION POINT
	CARBON MONOXIDE GAS SENSOR
	CARBON DIOXIDE GAS SENSOR
	SMOKE DETECTOR
	AUTOMATIC ELECTRICAL OPERATING DAMPER
	PRESSURE GAUGE
	VOLUME DAMPER
	THERMOSTAT - ELECTRIC (24V) - NON-PROGRAMMABLE
	THERMOSTAT - 7 DAY PROGRAMMABLE
	TEMPERATURE SENSOR
	SPACE HUMIDISTAT
	SPACE HUMIDITY SENSOR
	UNIT CONTROL SYSTEM PILOT
	LOW/HIGH LIMIT DUCT THERMOSTAT
	PRESSURE SENSOR SWITCH HIGH
	PRESSURE SENSOR SWITCH LOW

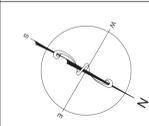


KEY PLAN

**CONSULTANTS:**

**ARCHITECT/ENGINEERS:**

**NORTH:**



APPROVED:	APPROVED:

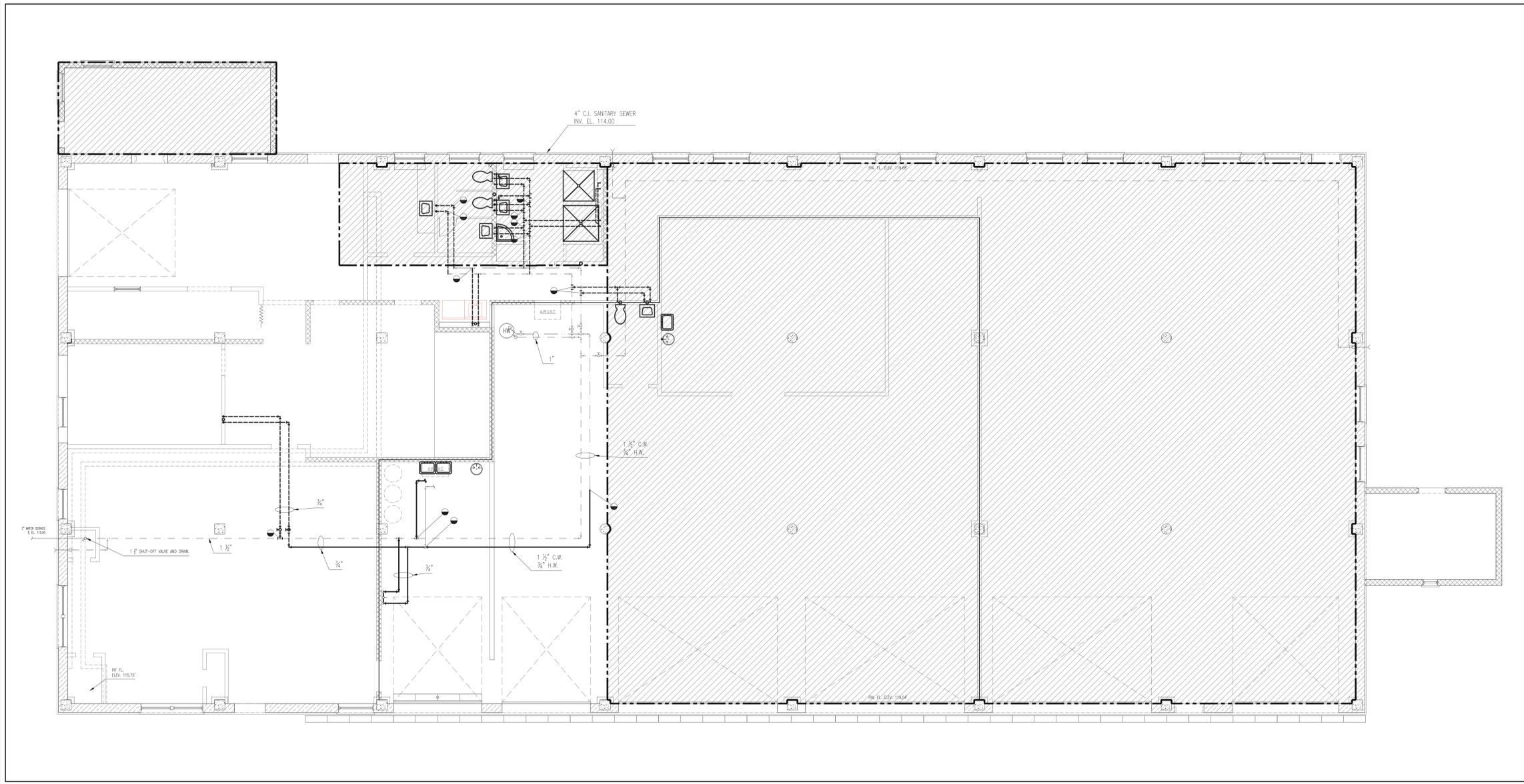
Drawing Title	Project Title	Project Number
Plumbing Notes, Abbrev., & Symbols Legend	Firehouse Enhancement	620-20-206
Ground Floor		Building(s) Number
Scale: As Noted		019
Approved: Facility Director, VAHVHCS:	Location	Drawing Number
	Montrose, New York	PI 000
Approved: John Cliffe, Facility Chief of Engineering	Date	Checked
	08-30-2021	LS
		Drawn
		AMI

**Engineering Service**

Department of Veterans Affairs



three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 three eighths inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot



- DEMOLITION NOTES:**
- 17. EXISTING UTILITY SINK AND ALL ASSOCIATED PIPING TO BE DEMOLISHED. CAP PIPING WHERE NECESSARY. FIELD VERIFY THESE LOCATIONS.
  - 18. REMOVE EXISTING SANITARY FIXTURES AND ASSOCIATE PIPING. CAP PIPING WHERE NECESSARY. VERIFY THESE LOCATIONS.
  - 23. PREPARE ALL SURFACES REMAINED FOR PATCHING AND PAINTING.
  - 24. REMOVE ALL DESIGNATED DOORS AND FRAMES. SIZES WILL VARY.
  - 25. DEMOLISH EXISTING SLIDING ACCORDIAN DOOR AND TRACK.
  - 26. REMOVE ALL FLOORING TO EXISTING CONCRETE SLAB. CLEAN AND SCARIFY, IF NECESSARY, ALL FLOORS TO REMOVE DIRT, GREASE, GLUE, ADHESIVE, OR RESIDUE THAT MAY PREVENT PROPER ADHESION OF NEW FLOORING.
  - 37. REMOVE AND TURN OVER EXISTING EMERGENCY EYE WASH FOR SHOPS TO RELOCATE AND INSTALL. ALL ASSOCIATED PIPING TO BE REMOVED. CUT AND CAP AS SOURCE.

**EXISTING DOMW DEMOLITION PLAN**  
 SCALE: 3/16" = 1'-0"



KEY PLAN

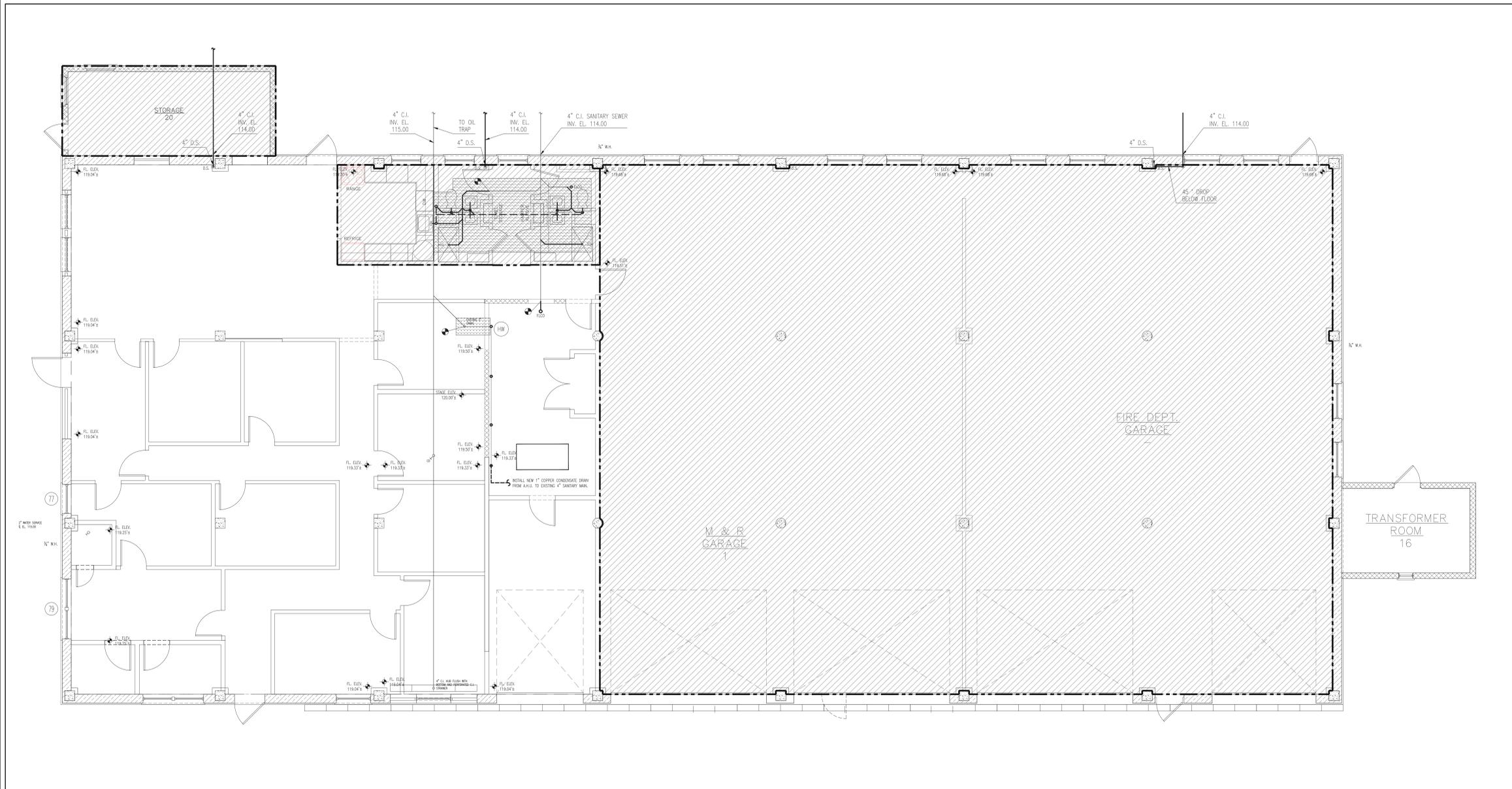
<p><b>CONSULTANTS:</b></p>		<p><b>ARCHITECT/ENGINEERS:</b></p>		<p><b>NORTH:</b></p>		<p>APPROVED:</p>		<p>APPROVED:</p>		<p>Drawing Title</p> <p>Existing DOMW Demolition Plan                  Ground Floor                  Scale: As Noted</p>		<p>Project Title</p> <p>Firehouse Enhancement</p>		<p>Project Number</p> <p>620-20-100</p>	
<p>Bid Documents 08-17-2021</p> <p>100% Working Drawing Submission 08-16-2021</p> <p>95% Working Drawing Submission 05-21-2021</p> <p>65% Working Drawing Submission 02-26-2021</p> <p>35% Working Drawing Submission 06-25-2018</p> <p>100% Preliminary Design 10-07-2017</p> <p>Revisions: Date:</p>						<p>APPROVED:</p>		<p>APPROVED:</p>		<p>Approved: Facility Director, VAHVCS:</p>		<p>Location</p> <p>Montrose, New York</p>		<p>Building(s) Number</p> <p>019</p>	
						<p>APPROVED:</p>		<p>APPROVED:</p>		<p>Approved: John Cliffe, Facility Chief of Engineering</p>		<p>Date</p> <p>08-30-2021</p>		<p>Checked</p> <p>LS</p>	
						<p>APPROVED:</p>		<p>APPROVED:</p>				<p>Drawn</p> <p>AMI</p>		<p>Drawing Number</p> <p>PD 101</p>	
														<p>Dwg 52 of 61</p>	

Bid Documents Submission PD 101





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**NEW SANITARY PLUMBING PLAN**

SCALE: 3/16" = 1'-0"

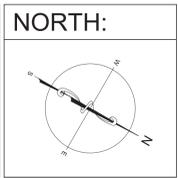


KEY PLAN

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100% Preliminary Design	10-07-2017
Revisions:	Date:

**CONSULTANTS:**

**ARCHITECT/ENGINEERS:**



APPROVED:	APPROVED:

APPROVED:	APPROVED:

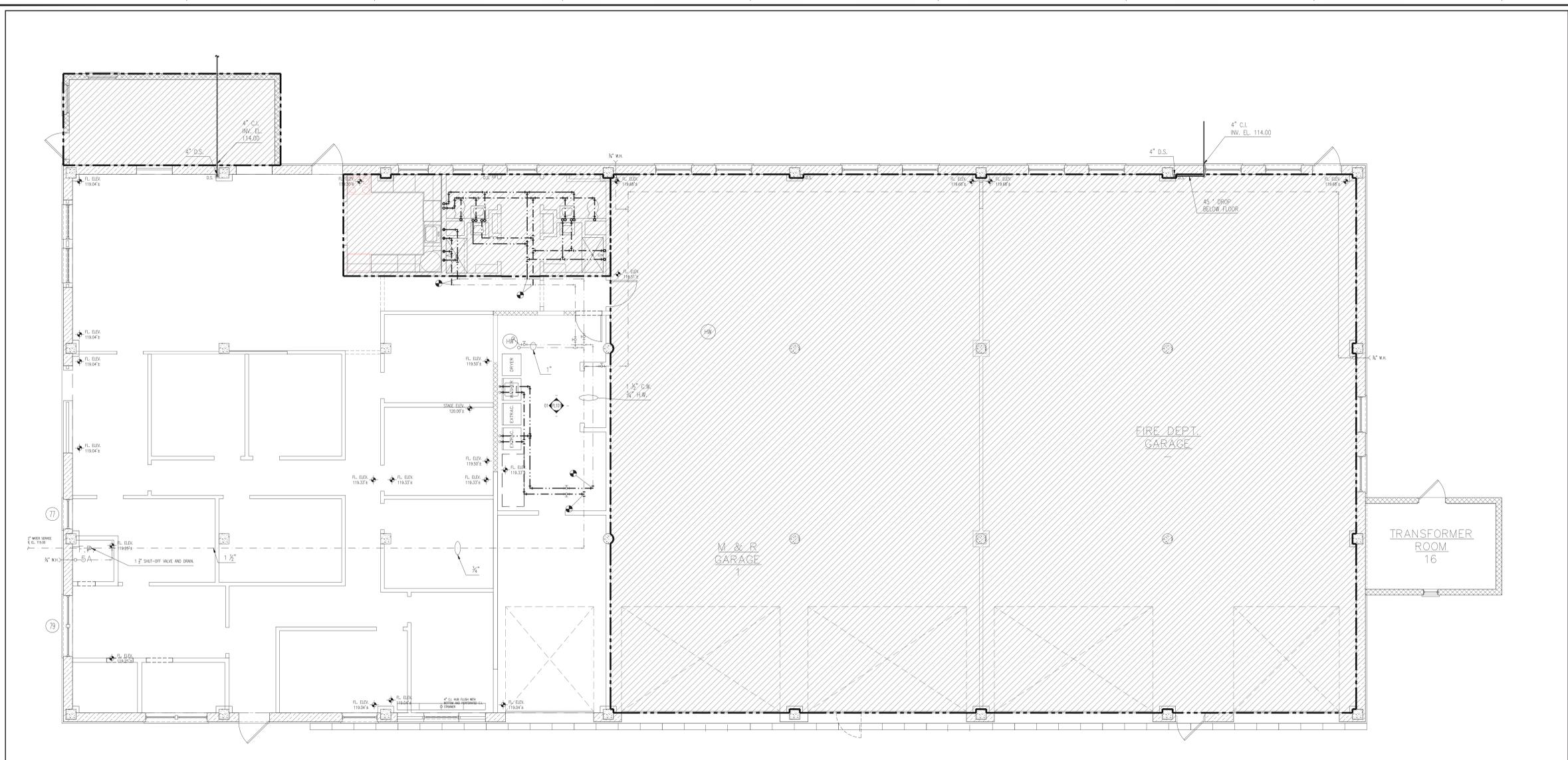
Drawing Title	Project Title
New Sanitary Connections Plan Ground Floor Scale: As Noted	Firehouse Enhancement
Approved: Facility Director, VAHVCS:	Location
Approved: John Cliffe, Facility Chief of Engineering	Montrose, New York
Date	Checked
08-30-2021	LS
Drawn	AMI

Project Number	620-20-100
Building(s) Number	019
Drawing Number	PL 100
Dwg 54 of 61	

**Engineering Service**

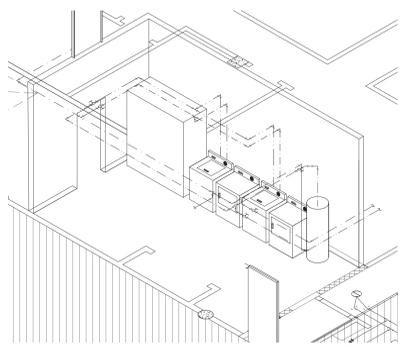
Department of Veterans Affairs

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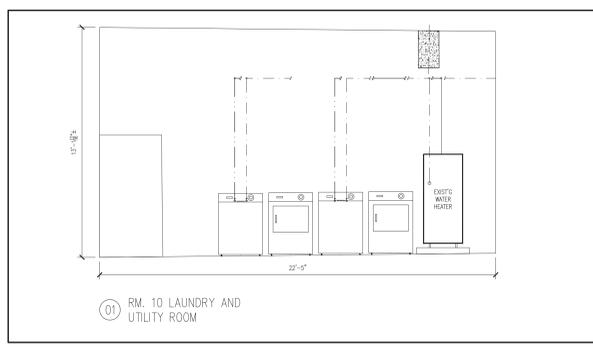
**NEW DOMESTIC WATER PLUMBING PLAN**

SCALE: 3/16" = 1'-0"



**NEW DOMESTIC WATER PLUMBING ISOMETRIC PLAN**

SCALE: 3/16" = 1'-0"



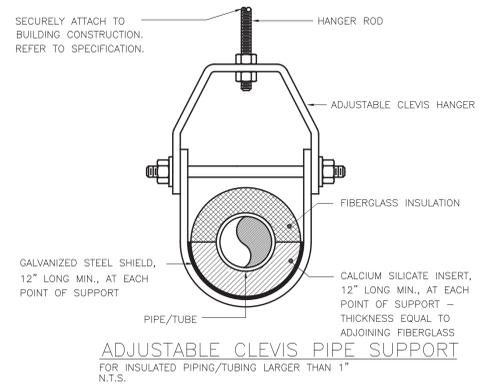
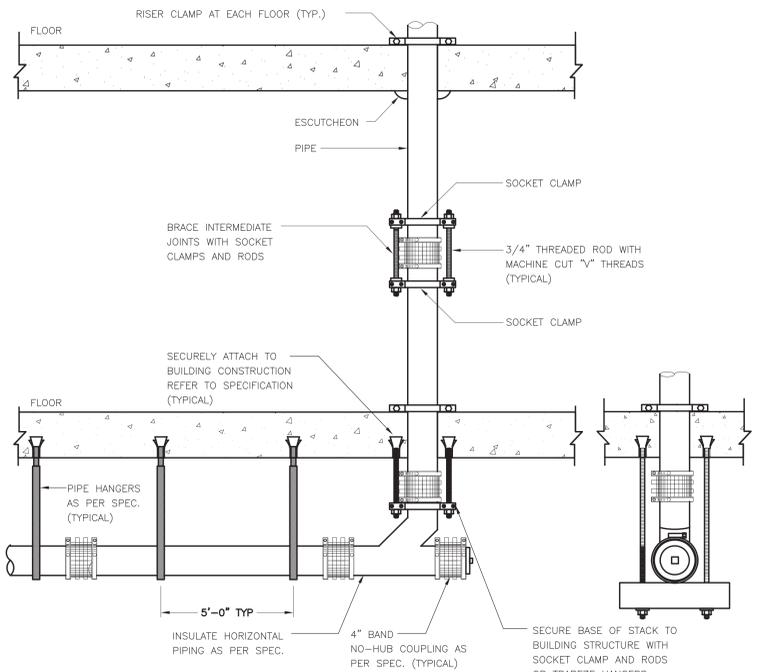
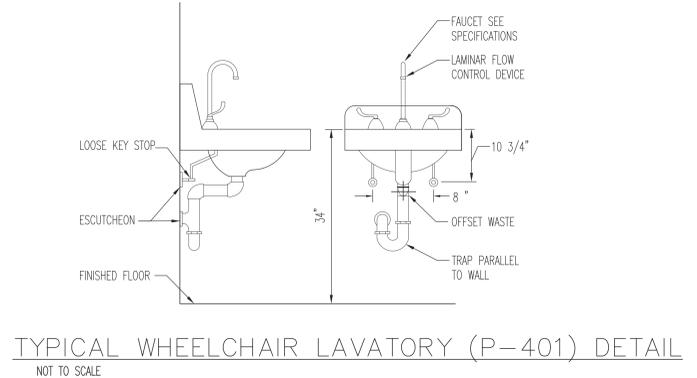
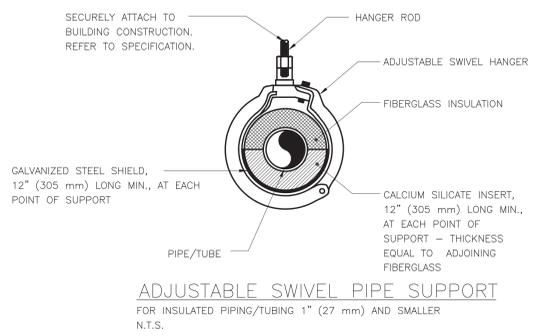
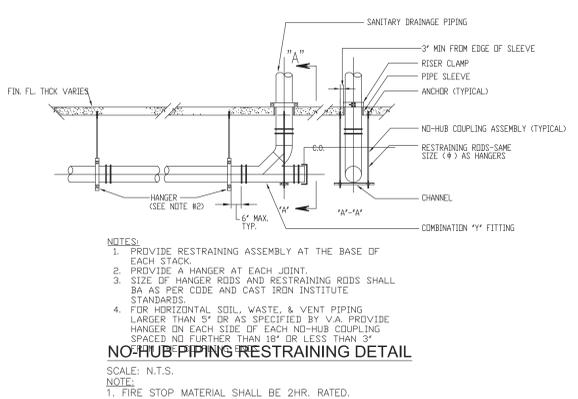
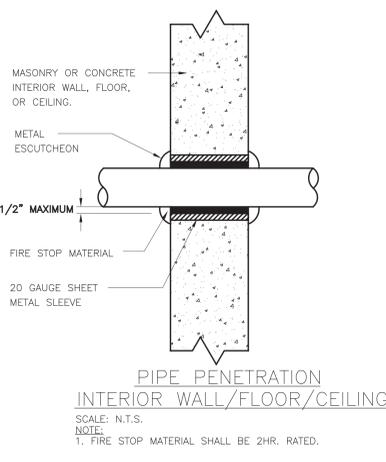
**NEW DOMESTIC WATER PLUMBING ELEVATION**

SCALE: 3/16" = 1'-0"



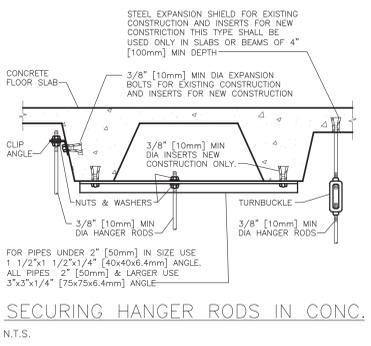
KEY PLAN

<p><b>CONSULTANTS:</b></p>		<p><b>ARCHITECT/ENGINEERS:</b></p>		<p><b>NORTH:</b></p>		<p>APPROVED:</p>		<p>APPROVED:</p>		<p>Drawing Title</p> <p><b>New Domestic Water Plumbing Plan</b> Ground Floor Scale: As Noted</p>		<p>Project Title</p> <p><b>Firehouse Enhancement</b></p>		<p>Project Number</p> <p><b>620-20-100</b></p>	
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						<p>APPROVED:</p>		<p>APPROVED:</p>		<p>Approved: John Cliffe, Facility Chief of Engineering</p>		<p>Date</p> <p><b>08-30-2021</b></p>		<p>Drawing Number</p> <p><b>PL 101</b></p>	
						<p>APPROVED:</p>		<p>APPROVED:</p>				<p>Checked</p> <p><b>LS</b></p>		<p>Drawn</p> <p><b>AMI</b></p>	
												<p>Dwg. 55 of 61</p>		<p><b>Engineering Service</b></p> <p>Department of Veterans Affairs</p>	

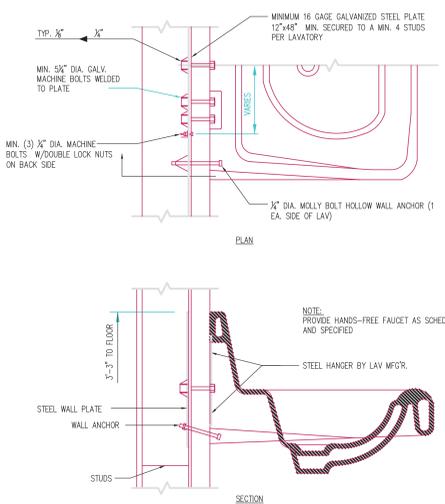


PLUMBING FIXTURE SCHEDULE									
FIXTURE TYPE	FIXTURE SYMBOL	MANUFACTURE NAME AND MODEL NUMBER			CONNECTION SIZE				REMARKS
		BASIC FIXTURE	SEAT	FAUCET / FLUSH VALVE	SOIL OR WASTE	VENT	C.W.	H.W.	
WATER CLOSET	P-103	AMERICAN STANDARD #WALL 2297.103	OLSONITE #95 OPEN FRONT LESS COVER	SLOAN G2 OPTIMA PLUS 8111, TOP SPUD, 1.6 GPF	4"	2"	1"	-	VITREOUS CHINA, LOW CONSUMPTION 1.6 GPF, ELONGATED BOWL, DIRECT-FED SIPHON JET ACTION, WALL MOUNTED.
LAVATORY	P-418	AMERICAN STANDARD LUCERNE Q356.015 SINGLE CENTER HOLE	NOT APPLICABLE	SLOAN EBF-750-8-ADM OPTIMA SERIES WITH EIT-460-A GRID STRAINER	1-1/2"	1-1/4"	1/2"	1/2"	PROVIDE HANDS-FREE FAUCET AS INDICATED; SINK TO HAVE THREE HOLE PUNCH ONLY, PROVIDE MCGUIRE SUPPLIES, STOPS, 1-1/2" P-TRAP DRAIN TAILPIECE. INSTALL SLOAN EFT-529 OPTISHIELD LAVATORY PROTECTIVE ENCLOSURE
COUNTER SINK	P-528	ELKAY LR2219	NOT APPLICABLE	CHICAGO FAUCETS 201-AGN2AE29-317CP	2"	2"	1/2"	1/2"	7 1/2" DEEP STAINLESS STEEL SINGLE COMPARTMENT SINK, FULLY UNDERCOATED, FURNISH FAUCET WITH GOOSENECK SPOUT, LAMINAR FLOW OUTLET, 4" WRIST BLADE HANDLES AND CRUMB CUP STRAINER.

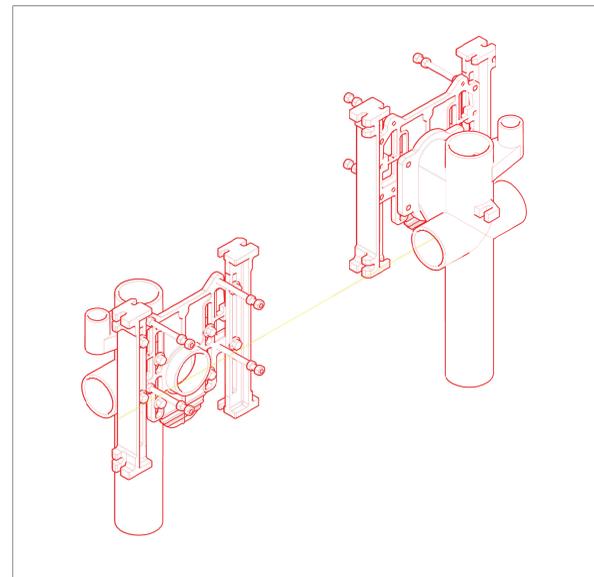
NO-HUB PIPE BRACING FOR VERTICAL PIPING  
SCALE: N.T.S.  
NOTE:  
1. FIRE STOP MATERIAL SHALL BE 2HR. RATED.



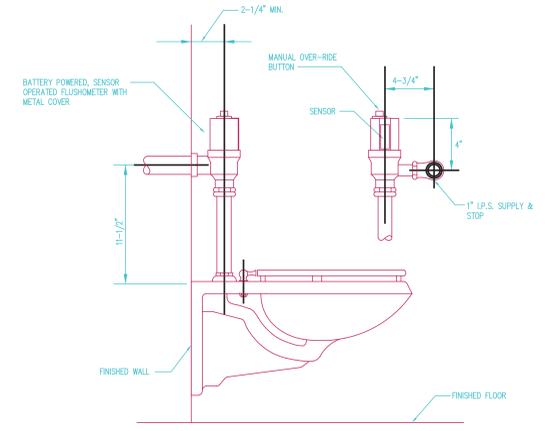
SECURING HANGER RODS IN CONC.  
N.T.S.



1 LAVATORY MOUNTING DETAIL  
NOT TO SCALE



ADJUSTABLE WATER CLOSET CARRIER - 3D VIEW  
NOT TO SCALE



2 SENSOR OPERATED WATER CLOSET FLUSHOMETER  
NOT TO SCALE



KEY PLAN

<b>CONSULTANTS:</b> Bid Documents 08-17-2021 100% Working Drawing Submission 08-16-2021 95% Working Drawing Submission 05-21-2021 65% Working Drawing Submission 02-26-2021 35% Working Drawing Submission 06-25-2018 100% Preliminary Design 10-07-2017 Revisions: Date:		<b>ARCHITECT/ENGINEERS:</b>		<b>NORTH:</b> 		<b>APPROVED:</b> APPROVED: APPROVED: APPROVED:		<b>APPROVED:</b> APPROVED: APPROVED: APPROVED:		Drawing Title <b>New Plumbing Details</b> Scale: As Noted Approved: Facility Director , VAHVHCS: Approved: John Cliffe, Facility Chief of Engineering		Project Title <b>Firehouse Enhancement</b> Location <b>Montrose, New York</b> Date 08-16-2021		Project Number <b>620-20-206</b> Building(s) Number <b>019</b> Drawing Number <b>PL 500</b> Dwg 56 of 61		<b>Engineering Service</b> 	
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