

PLUMBING EQUIPMENT CONNECTION SCHEDULE					
TAG NO.	DESCRIPTION	LOCATION	BODY	STRAINER	MANUFACTURER AND REMARKS
FD-A	FLOOR DRAIN	FINISHED AREAS	CAST IRON	NICKEL BRONZE	JAY R SMITH FIG 2010C-A
FD-B	FLOOR DRAIN	UNFINISHED AREAS	CAST IRON	POISHED BRONZE	JAY R SMITH FIG 2010C-A WITH 1/2 GRATE
FD-C	FLOOR DRAIN	UNFINISHED AREAS	CAST IRON	POISHED BRONZE	JAY R SMITH FIG 2010C-A WITH WASTE FUNNEL
FD-D	FLOOR DRAIN	LIFT PIT	CAST IRON	POISHED BRONZE	ZURN Z4151 WITH 5" X 9" STRAINER SIZE, INCLUDE SEDIMENT REMOVAL SYSTEM
FD-A	TRENCH DRAIN	OUTSIDE RAMP	HOPE	HRS	ZURN Z884 WITH HEEL ROOF, 316 STAINLESS STEEL SLOTTED GRATE

GREASE INTERCEPTOR SCHEDULE					
NO.	LOCATION	GPM FLOW RATE	GREASE CAP.	CONNECTION INLET	CONNECTION OUTLET
GT-1	FOOD SERVICE	50 GPM	108 GAL	3"	3"
GT-2	NW AREA 2 EXTERIOR	200 GPM	1154 GAL	4"	4"

		DESIGN MAKE	
		BIG DIPPER W-500-IS POINT OF USE AUTOMATIC GREASE REMOVAL SYSTEM	
		PROCEPTOR GMC 2000(2)	

OIL INTERCEPTOR SCHEDULE					
NO.	LOCATION	GPM FLOW RATE	OIL CAP.	CONNECTION INLET	CONNECTION OUTLET
OI-1	SE AREA 2 EXTERIOR	150 GPM	577 GAL	4"	4"

		DESIGN MAKE	
		PROCEPTOR OMC 1000	

PUMP SCHEDULE										
NO.	LOCATION	SERVICE	GPM	HEAD FT WATER	MOTOR		PHASE	RPM	TYPE	DESIGN MAKE
PP-1	PLUMBING 105	DOM. HOT WATER	3.5	24.7	1/8	115	1	3250	IN LINE	TACO IL009-FS
PP-2	PLUMBING 105	DOM. HOT WATER	1	6.1	1/8	115	1	3250	IN LINE	TACO IL009-FS
PP-3	PLUMBING 105	DOM. HOT WATER	1	11.6	1/8	115	1	3250	IN LINE	TACO IL009-FS
PP-4	CLOSET 136	DOM. HOT WATER	0.25	5	1/8	115	1	3250	IN LINE	TACO IL009-FS
SP-1	E101 SHAFT	SUMP	50	15	1/2	115	-	-	SUMP	ELV280 WITH CONTROL PANEL AND ALARM

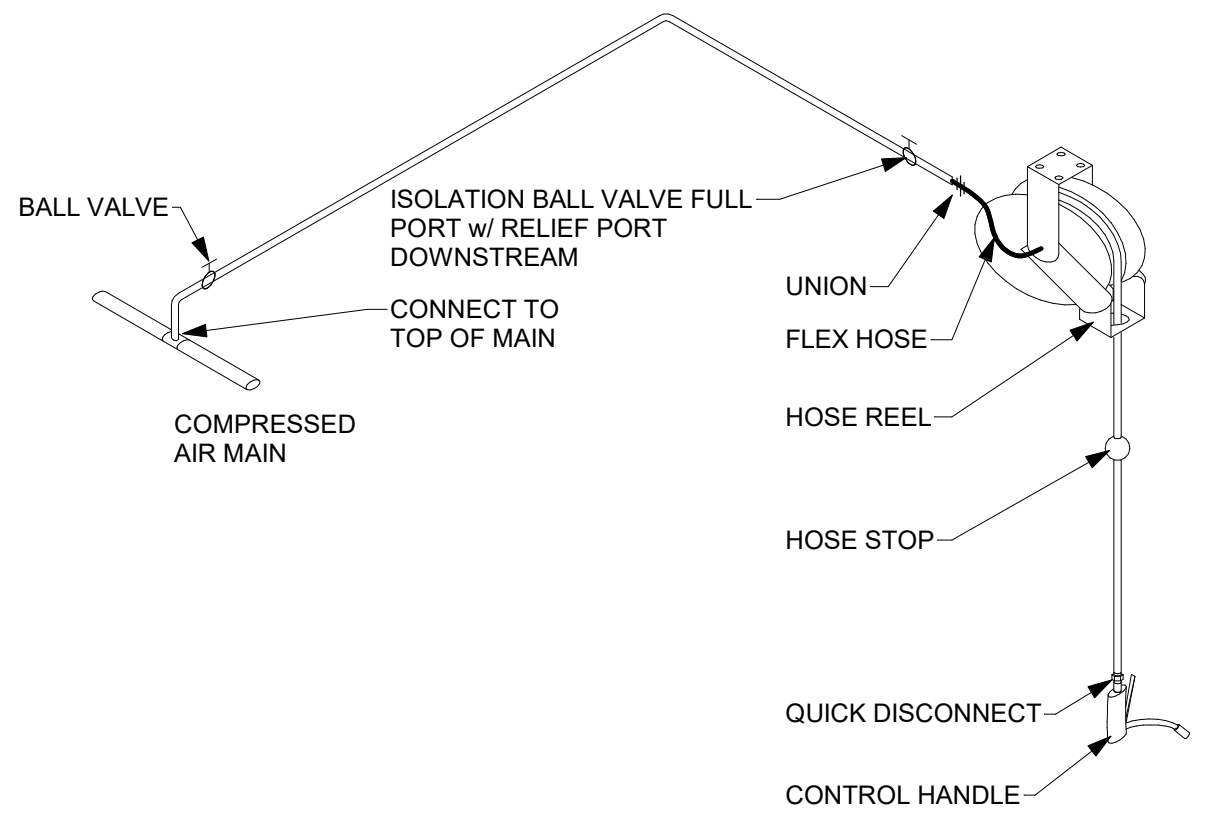
PLUMBING FIXTURE CONNECTION SCHEDULE									
SEE PLUMBING SPECIFICATIONS FOR COMPLETE FIXTURE INFORMATION									
TAG NO.	DESCRIPTION	COLD WATER	HOT WATER	WASTE	SANITARY	VENT	REMARKS		
WC-A	WATER CLOSET	1"	-	-	3"	2"	AMERICAN STANDARD 2257-101, WALL MOUNT, SLOAN SENSOR OPERATED FLUSHOMETER (FV-A), CHURCH 9500SCC OPEN FRONT, LESS COVER		
WC-B	WATER CLOSET ADA	1"	-	-	3"	2"	AMERICAN STANDARD 2257-101, WALL MOUNT, SLOAN SENSOR OPERATED FLUSHOMETER (FV-A), CHURCH 9500SCC OPEN FRONT, LESS COVER		
WC-B	WATER CLOSET ADA	1"	-	-	3"	2"	AMERICAN STANDARD 2257-101, WALL MOUNT, SLOAN SENSOR OPERATED FLUSHOMETER (FV-A), CHURCH 9500SCC OPEN FRONT, LESS COVER		
LV-A	LAVATORY	1/2"	1/2"	1-1/2"	-	1-1/2"	SLOAN AER-DEC SINK, 1 STATION, F-A SENSOR FAUCET, HARDWIRED, WITH SOAP DISPENSER AND HAND DRYER		
LV-B	LAVATORY	1/2"	1/2"	1-1/2"	-	1-1/2"	SLOAN AER-DEC SINK, 3 STATION, F-A SENSOR FAUCET, HARDWIRED, WITH SOAP DISPENSER AND HAND DRYER		
LV-C	LAVATORY	1/2"	1/2"	1-1/2"	-	1-1/2"	SLOAN AER-DEC SINK, 4 STATION, F-A SENSOR FAUCET, HARDWIRED, WITH SOAP DISPENSER AND HAND DRYER		
SK-A	SINK	1/2"	1/2"	1-1/2"	-	1-1/2"	ELKAY LR2219, SINGLE S/S DROP-IN, CHICAGO FAUCET (F-B), GOOSENECK SPOUT, MANUAL CLOSE WITH WRISTBLADE FAUCETS, 1.6 GPM		
SK-B	SINK ADA	1/2"	1/2"	1-1/2"	-	1-1/2"	ELKAY LRAD221955, SINGLE S/S DROP-IN, ADA OFFSET TAILPIECE, CHICAGO FAUCET (F-B), GOOSENECK SPOUT, MANUAL WITH WRISTBLADE FAUCETS, 1.6 GPM		
SK-C	SINK ADA WITH EYE WASH	1/2"	1/2"	1-1/2"	-	1-1/2"	ELKAY LRAD221955, SINGLE S/S DROP-IN, ADA OFFSET TAILPIECE, CHICAGO FAUCET (F-B), GOOSENECK SPOUT, MANUAL WITH WRISTBLADE FAUCETS, 1.6 GPM W/EEW-B		
SK-D	SINK - UTILITY	1/2"	1/2"	1-1/2"	-	1-1/2"	ELKAY SS, TWO COMPARTMENT FLOOR SINK, 36" X 26" X 44" EXC16X20-0X, EXPOSED YOKE WALL-MOUNT UTILITY FAUCET 8251.076		
SK-E	SINK - UTILITY	1/2"	1/2"	1-1/2"	-	1-1/2"	ELKAY SS, SINGLE COMPARTMENT FLOOR SINK, 27" X 12" X 14" SSS1242, EXPOSED YOKE WALL-MOUNT UTILITY FAUCET 8251.076		
SK-F	SINK ADA - EPOXY	1/2"	1/2"	1-1/2"	-	1-1/2"	ELKAY LRAD221955, SINGLE S/S DROP-IN, ADA OFFSET TAILPIECE, CHICAGO FAUCET (F-B), GOOSENECK SPOUT, MANUAL WITH WRISTBLADE FAUCETS, 1.6 GPM		
SK-G	SINK ADA WITH EYE WASH - EPOXY	1/2"	1/2"	1-1/2"	-	1-1/2"	ELKAY LRAD221955, SINGLE S/S DROP-IN, ADA OFFSET TAILPIECE, CHICAGO FAUCET (F-B), GOOSENECK SPOUT, MANUAL WITH WRISTBLADE FAUCETS, 1.6 GPM W/EEW-B		
EW-C-A	WATER COOLER	1/2"	-	1-1/2"	-	1-1/2"	ELKAY EZ200 BOTTLE FILLING STATION & B LEVEL ADA COOLER, FILTERED, REFRIGERATED, REFILLLESS -L25TLW5SK		
EW-C-B	WATER COOLER	1/2"	-	1-1/2"	-	1-1/2"	ELKAY SINGLE LEVEL ADA COOLER, FILTERED, REFRIGERATED, STAINLESS - L25S85		
BF-A	BOTTLE FILLER	1/2"	-	1-1/2"	-	1-1/2"	ELKAY EZ200 ADA BOTTLE FILLER, FILTERED, REFRIGERATED, STAINLESS - L25W5558MC		
MB-A	MOP BASIN	1/2"	1/2"	3"	-	2"	FIAT MSB, MOLDED STONE, 36" X 36" X 12", T&S BRASS B-0685-BSTP WALL MOUNTED FAUCET, BUCKET HOOK, HOSE END, VACUUM BREAKER		
MB-B	MOP BASIN	1/2"	1/2"	3"	-	2"	FIAT MSB, MOLDED STONE, 24" X 24" X 10", T&S BRASS B-0685-BSTP WALL MOUNTED FAUCET, BUCKET HOOK, HOSE END, VACUUM BREAKER		
EEW-A	EYE WASH	1/2"	1/2"	1-1/2"	-	1-1/2"	BRADLEY S19224 WALL MOUNT EYE WASH, S19-2000 EP88 MIXING VALVE AND TEMPERATURE GAUGE		
EEW-B	EYE WASH	1/2"	1/2"	1-1/2"	-	1-1/2"	BRADLEY S19274E SWINGS ACTIVATED EYE WASH, S19-2000 EP88 MIXING VALVE AND TEMPERATURE GAUGE		

AIR COMPRESSOR SCHEDULE										
NO.	LOCATION	SERVICE	ACFM	MAX PRESSURE	MOTOR		PHASE	TYPE	DESIGN MAKE	
AC-1	PLUMBING 105	AUTO SHOP	51.0	175	15	230	3	RECIPRO	RAND 7100E15 WITH DRYER, FILTER AND SEPERATOR	

EXPANSION TANK SCHEDULE					
TAG NO.	LOCATION	SERVICE	MAXIMUM SYSTEM PRESSURE (PSI)	TANK VOLUME (GALS.)	ACCEPTANCE FACTOR
ET-1	PLUMBING EQ ROOM 105	DOMESTIC HOT WATER	150	23.0	0.49
ET-2	WATER HEATER CLOSET 136	DOMESTIC HOT WATER	150	2.0	0.45

MANUFACTURER AND REMARKS					
AMTROL ST-42VC-DD ASME					
AMTROL ST-5C-DD ASME					

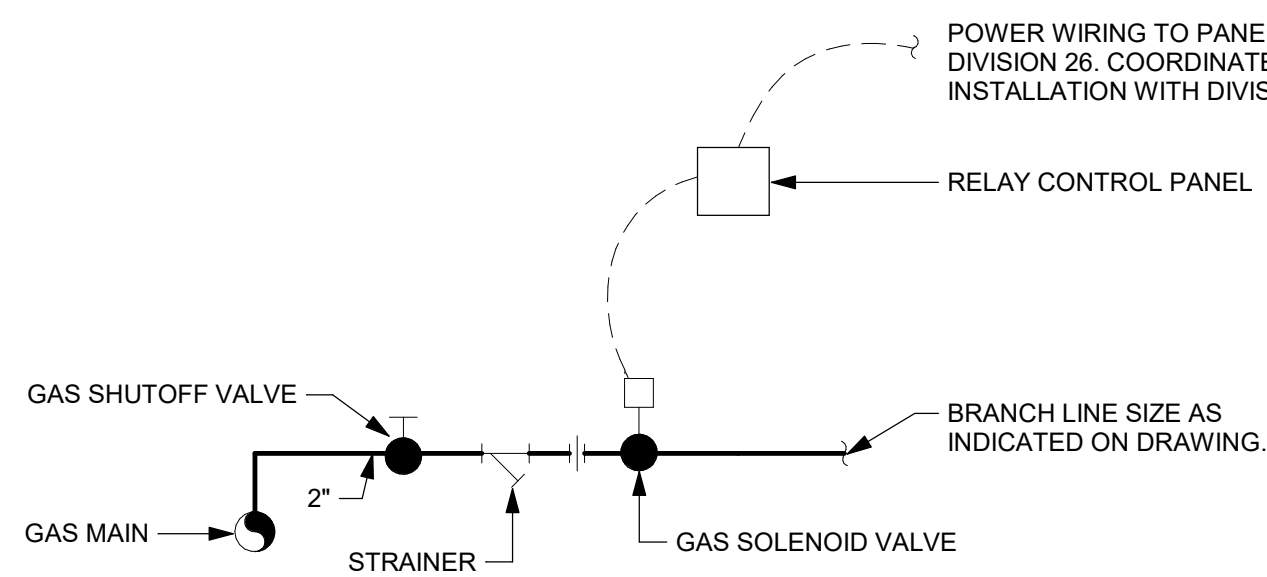
NATURAL GAS WATER HEATER SCHEDULE							
TAG NO.	LOCATION	VENT SIZE (IN)	STORAGE CAPACITY (GAL)	GPH RECOVERY @ 100°F RISE	NATURAL GAS GPH	REFERENCE	MANUFACTURER
GWH-1 LOCKER RM	WATER CLOSET 136	4"	119	349	300	AOSMITH BTH-300A	
GWH-2 CULLINARY	PLUMBING RM 105	4"	120	882	750	AOSMITH BTHS-750A	
GWH-3A BUILDING	PLUMBING RM 105	4"	100	582	250	AOSMITH BTH-250A	
GWH-3B BUILDING	PLUMBING RM 105	4"	100	582	250	AOSMITH BTH-250A	
GWH-4 VETICOSMO	PLUMBING RM 105	4"	119	349	300	AOSMITH BTH-300A	



- GENERAL NOTES:
- ADJUST HOSE STOPS AND REEL TENSION. CONTROL HANDLE TO HANG AT 4'-6" AFF UNLESS OTHERWISE REQUESTED BY OWNER.
  - QUICK DISCONNECT TO MATCH OWNER'S MODEL FOR RENOVATIONS
  - COLOR CODE EXPOSED PIPING IN SERVICE BAYS. PAINT 12" BAND ON PIPING ON 20 FOOT CENTERS WITH UNIQUE COLOR FOR EACH PIPE CONTENTS. PROVIDE CHART WITH KEY TO COLORS TO OWNER.

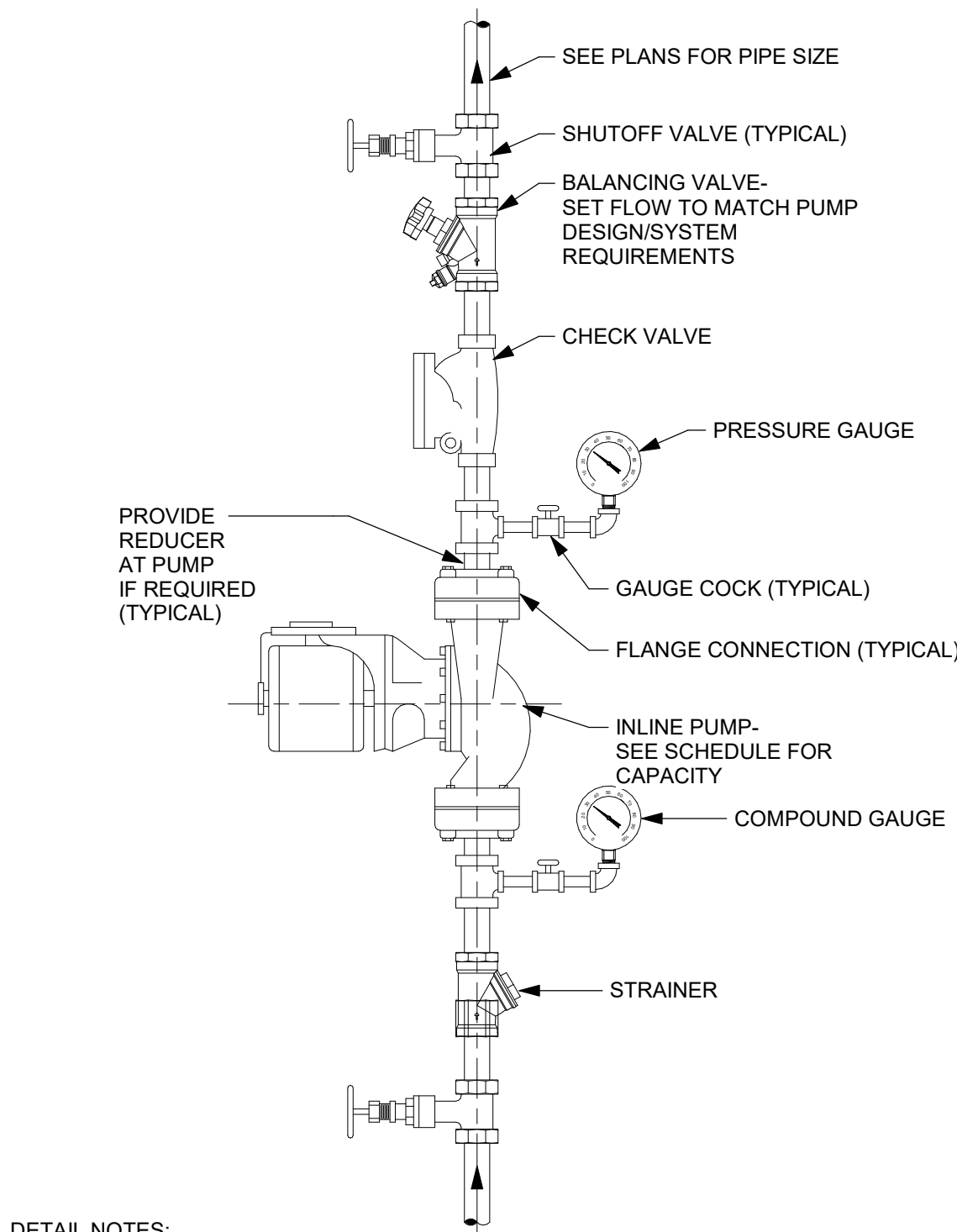
## 5 COMPRESSED AIR - HOSE REEL DETAIL

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## 4 CLASSROOM GAS PIPING SHUT-OFF DETAIL

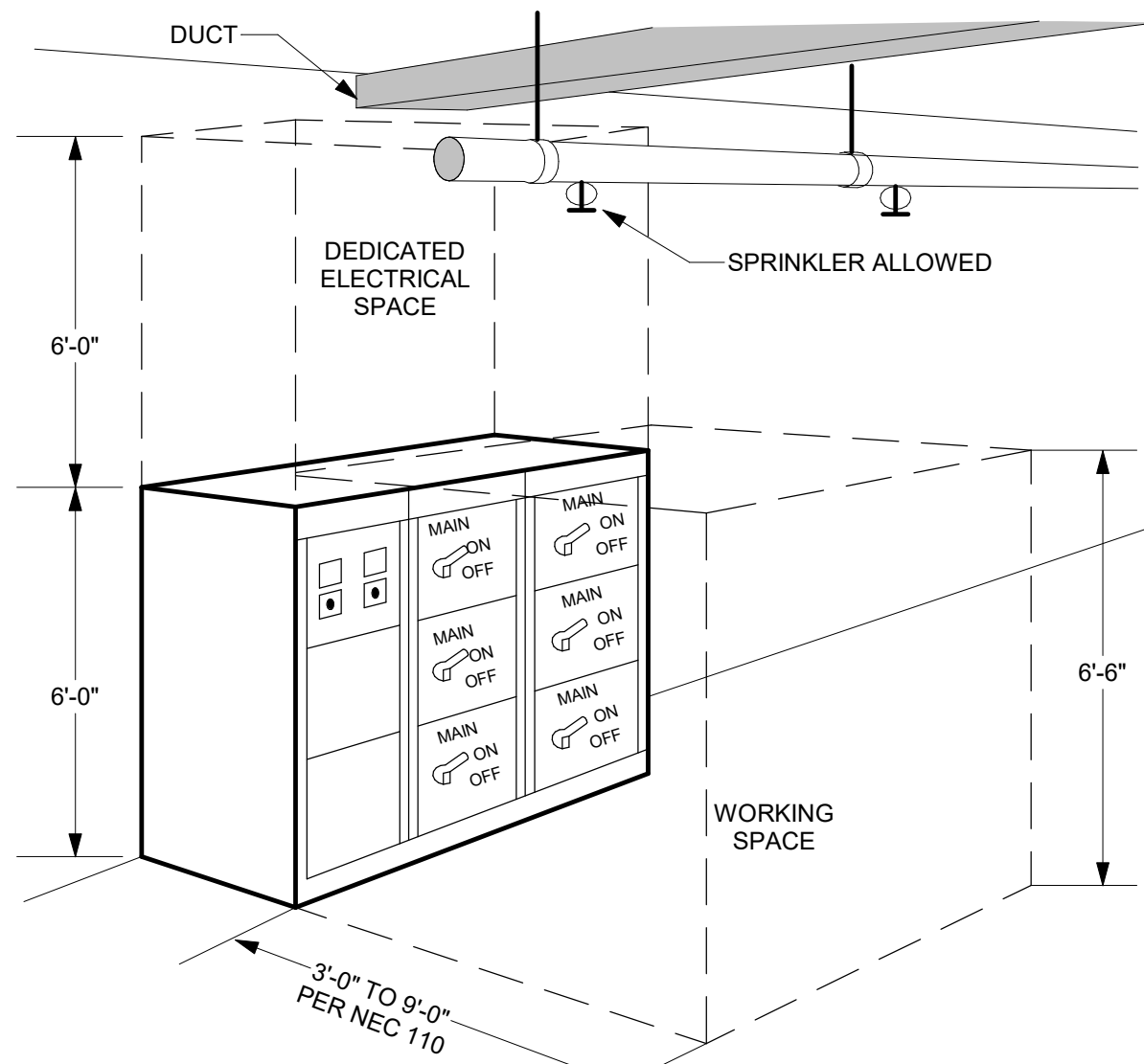
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- DETAIL NOTES:
- PRESSURE GAUGES - SELECT GAUGE RANGE TO PLACE MAXIMUM SYSTEM OPERATING PRESSURE IN MIDDLE THIRD OF RANGE.
  - PROVIDE UNION ON PUMP INLET AND OUTLET IF PUMP IS NOT FLANGED.
  - INSTALL PUMP WITH SHAFT HORIZONTAL. PIPING MAY BE INSTALLED VERTICAL, AS SHOWN, OR HORIZONTAL DEPENDING ON SITE CONDITIONS.
  - INSTALL CHECK VALVE HORIZONTALLY OR VERTICALLY WITH FLOW UPWARD.

## 3 INLINE PUMP DETAIL

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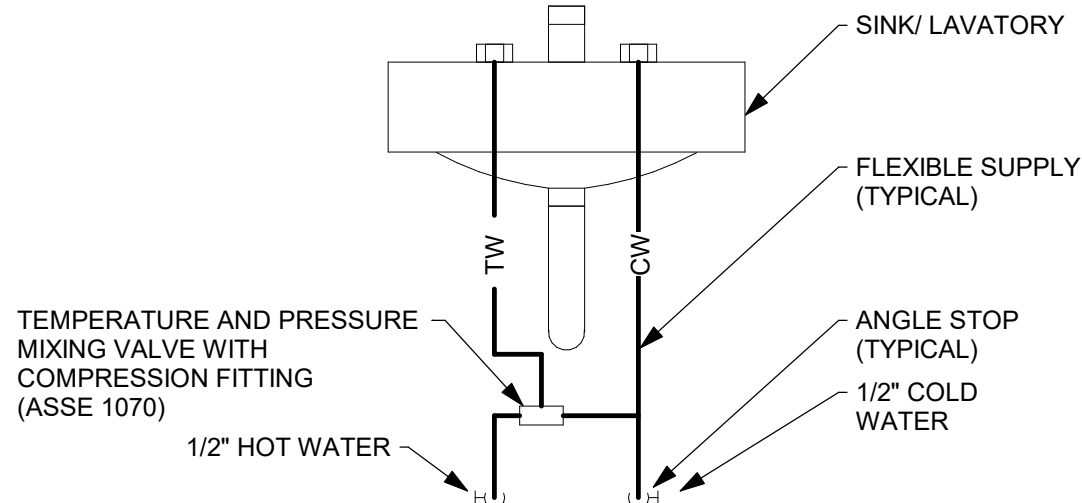
- DETAIL NOTES:
- ELECTRICAL EQUIPMENT INCLUDES PANELS, TRANSFORMERS, DISCONNECTS, STARTERS, MOTOR CONTROL CENTERS, SWITCHGEAR, ADJUSTABLE SPEED DRIVES, AND FUSED SWITCHES (THIS ALSO APPLIES TO ELECTRICAL GEAR MOUNTED DIRECTLY ON MECHANICAL EQUIPMENT).
  - DEDICATED ELECTRICAL SPACE IS DEFINED BY NEC 110.
  - NO PIPING OR DUCTWORK MAY BE INSTALLED IN DEDICATED ELECTRICAL SPACE OR WORKING SPACE.

## 2 PIPING OVER ELECTRICAL EQUIPMENT DETAIL

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PLUMBING GENERAL NOTES	
#	Note
A	THESE NOTES ARE APPLICABLE TO THE FULL SET OF CONTRACT DRAWINGS
B	EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATIONS AND PRIOR CONSTRUCTION DOCUMENTS WHEN AVAILABLE. THE LOCATIONS SHOWN MUST BE CONSIDERED APPROXIMATE. OTHER SUCH WORK MAY EXIST, HOWEVER LOCATION AND SIZE ARE NOT PRESENTLY KNOWN.
C	WHEN EXISTING CONSTRUCTION IS DAMAGED BY WORK BY THIS CONTRACTOR, REPAIR AND/OR REPLACE WITH SIMILAR MATERIALS AS MUCH AS POSSIBLE, SUBJECT TO ARCHITECTS APPROVAL.
D	DISPOSE OF ALL DEMOLITION AND/OR OTHER WASTE MATERIALS CAUSED BY WORK OF THIS CONTRACTOR. LEGALLY DISPOSE ALL MATERIALS TO A LOCATION OFF SITE.
E	COORDINATE AND SCHEDULE WORK AND SHUTDOWNS WITH THE OWNER AND OTHER TRADES PRIOR TO DEMOLITION.
F	ALL EXISTING PIPING TO REMAIN SHALL BE RECONNECTED TO ACTIVE SERVICE PIPING.
G	ALL PIPING TO BE REMOVED SHALL BE REMOVED BACK TO ACTIVE SERVICE PIPING AND CAPPED. VALVE AND CAP ALL WATER PIPING. REMOVE ALL INACTIVE PIPING UNLESS OTHER WISE NOTED.
H	ALL PIPING TO BE REMOVED AND IN A WALL TO REMAIN MAY BE ABANDONED IN PLACE UNLESS NOTED.
I	PATCH HOLES IN EXISTING CONSTRUCTION LEFT BY THE REMOVAL OF PIPING OR EQUIPMENT WITH MATERIALS TO MATCH EXISTING CONSTRUCTION. MAINTAIN FIRE SMOKE RATING.
J	DEMOLITION SHALL INCLUDE, BUT NOT LIMITED TO, PIPING, VALVES, FIXTURES, EQUIPMENT, HANGERS, SUPPORTS AND INSULATION, EXCEPT ASBESTOS.
K	REMOVE EXISTING CONSTRUCTION IN THE WAY OF NEW WORK. PROTECT BUILDINGS AND FURNISHINGS FROM DAMAGE.
L	WHERE NEW WORK IS TO BE INSTALLED ABOVE AN EXISTING CEILING, PROVIDE FOR THE REMOVAL OF THE CEILING. UPON COMPLETION OF WORK, REPAIR ALL DAMAGED CEILING SURFACES. REPLACE ALL DAMAGED TILES.
M	SLEEVE AND SEAL ALL WALL AND FLOOR PENETRATIONS. PROVIDE FIRESTOPPING FOR ALL PENETRATIONS.
N	MAINTAIN SERVICE CLEARANCES OF ALL EQUIPMENT. ADVISE OTHER TRADES OF REQUIRED CLEARANCES.
O	PROVIDED FOR THE DRAINAGE AND REFILLING OF PIPING SYSTEMS, INCLUDING AIR REMOVAL, RESETTING OF FLUSH VALVES, FLUSHING SYSTEMS OF DIRT AND SCALE CAUSED BY SHUTDOWNS AND STARTUPS.
P	REFER TO EQUIPMENT/FIXTURE SCHEDULE FOR FINAL CONNECTION SIZES.
Q	PROVIDE CLEANOUTS AT THE BASE OF ALL STORM, SANITARY AND WASTE STACKS.
R	PITCH 4" AND LARGER SANITARY AND WASTE PIPING AT 1/8" PER FOOT UNLESS NOTED OTHERWISE. FOR SANITARY AND WASTE PIPING 3" AND SMALLER, PITCH AT 1/4" PER FOOT UNLESS NOTED OTHERWISE.
S	COORDINATE LOCATION AND ELEVATION OF STORM AND SANITARY LATERALS AND WATER SERVICE PIPING WITH THE SITE CONTRACTOR. NO ALLOWANCES WILL BE MADE FOR ADDITIONAL COST DUE TO THE CONTRACTORS FAILURE TO COORDINATE TERMINATION POINTS. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR THE FINAL CONNECTIONS TO THE SITE UTILITIES.
T	MINIMUM SIZE OF WASTE PIPING BELOW SLAB SHALL BE 3" EXCEPT PIPING SERVING FLOOR DRAINS SHALL BE 4". MINIMUM SIZE OF VENT PIPING BELOW SLAB SHALL BE 2" UNLESS NOTED OTHERWISE.
U	PITCH 4" AND LARGER STORM PIPING AT 1/4" PER FOOT UNLESS NOTED OTHERWISE.

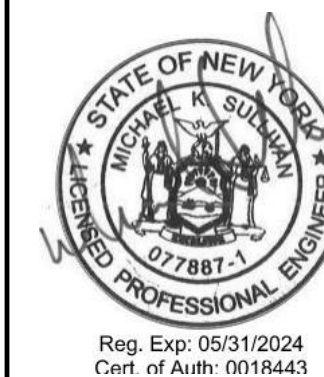
PLUMBING SYMBOL LIST	
SYMBOL	DESCRIPTION
☼	POINT OF CONNECTION
NTS	NOT TO SCALE
(E)	EXISTING
(ETR)	EXISTING TO REMAIN
AF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
VTR	VENT THRU ROOF
GC	GENERAL CONTRACTOR
MC	MECHANICAL CONTRACTOR
PC	PLUMBING CONTRACTOR
EC	ELECTRICAL CONTRACTOR
---	NEW PIPING LOCATED ABOVE FLOOR/SLAB
---	NEW PIPING LOCATED BELOW FLOOR/SLAB
---	COLD WATER PIPING (CW)
---	HOT WATER PIPING (HW)
---	HOT WATER RECIRCULATING PIPING (HWR)
---	3/4" HOT WATER RECIRCULATING PIPING (HWR)
---	WATER SERVICE - EXTERIOR
---	SANITARY SEWER PIPING
---	GREASE WASTE PIPING (GW)
---	VENT PIPING (V)
---	STORM WATER SEWER PIPING (ST)
---	SECONDARY STORM WATER SEWER PIPING (ST2)
---	NATURAL GAS PIPING (G)
---	COMPRESSED AIR PIPING (CA)
---	ELBOW DOWN
---	45° OFFSET
---	ELBOW UP
---	BOTTOMTEE CONNECTION
---	TOP TEE CONNECTION
---	*P TRAP
---	PIPE CONTINUATION
---	CAP OR FLUG
---	DECK PLATE CLEANOUT (DPCO)
---	WALL PLATE CLEANOUT (WPCO)
---	CLEANOUT (CO)
---	FLOOR DRAIN (FD) / FLOOR SINK (FS)
---	ROOF DRAIN
---	WALL HYDRANT (WH) / HOSE BIBB (HB)
---	STRAINER
---	WATER METER
---	CATCH BASIN
---	SHUT OFF VALVE
---	BALANCING VALVE
---	CHECK VALVE
---	SOLENOID VALVE
---	PIPE GUIDE
---	UNION
---	BACKFLOW PREVENTER (BFP)
---	SHOCK ABSORBER (SA)
---	RECIRCULATION PUMP
---	THERMOMETER
---	PRESSURE GAUGE
(X)	DRAWING KEYNOTE



- DETAIL NOTE:
- PROVIDE A MIXING VALVE FOR EACH HAND SINK AND LAVATORY.
  - MIXING VALVE SHALL BE ADJUSTED TO DELIVER TEMPERED WATER AT 105°F.

## 1 POINT OF USE MIXING VALVE DETAIL

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DATE	DESCRIPTION
4/4/2024	BD Addendum #6
5/29/2024	BD Addendum #5
11/5/2024	BD Addendum #2
4/5/2024	Revision 1

Drawn By:	MT
Checked By:	MT
Proj. #:	44-16-00-81-0-053-001
CSArch Proj. #:	108-2303
Construction Documents:	4/15/2024

## PLUMBING NOTES, SYMBOLS AND SCHEDULES

## CTE P001

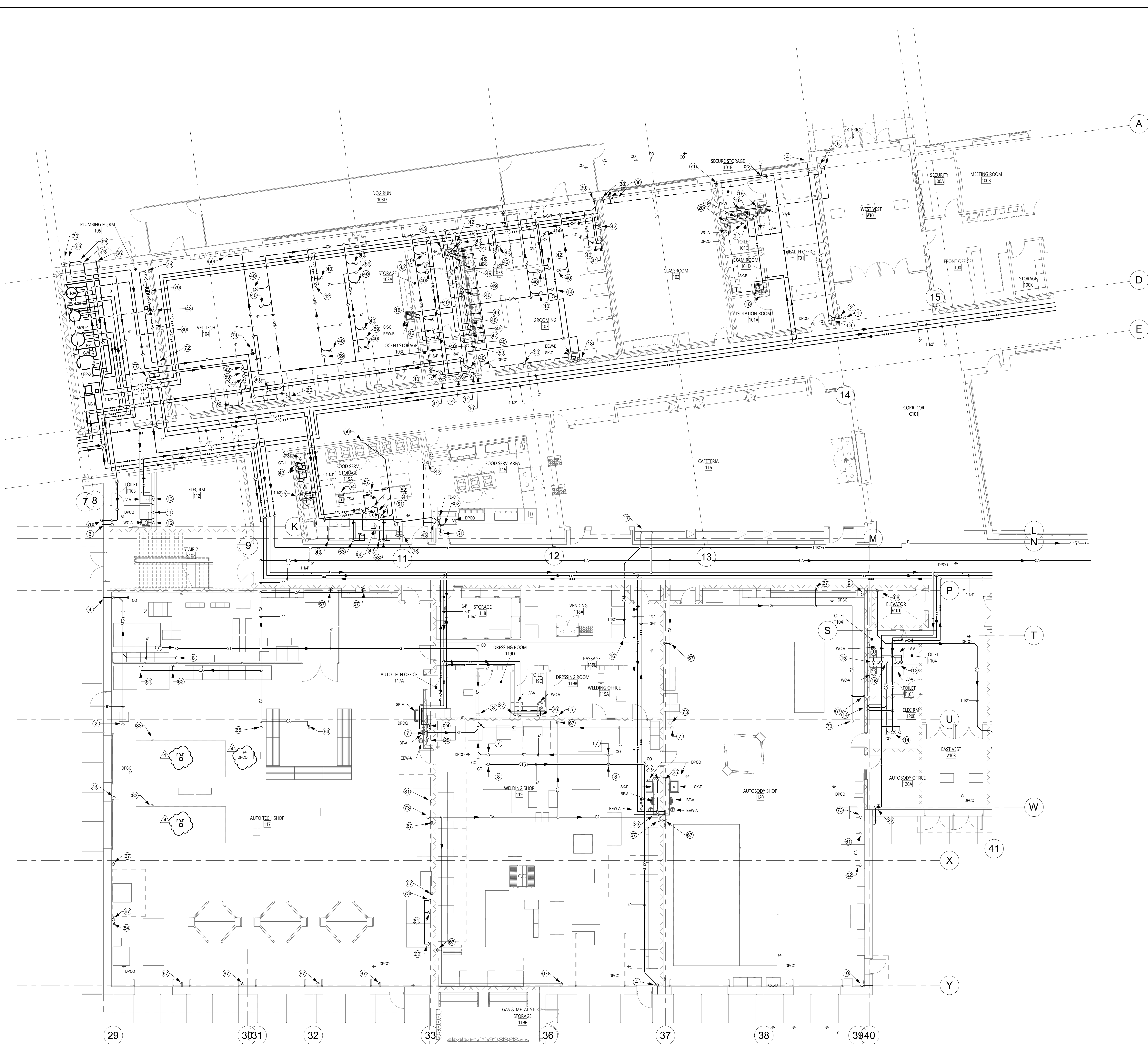


**CONSTRUCTION DOCUMENTS**



# 1 FIRST FLOOR - AREA 2 - PLUMBING PLAN

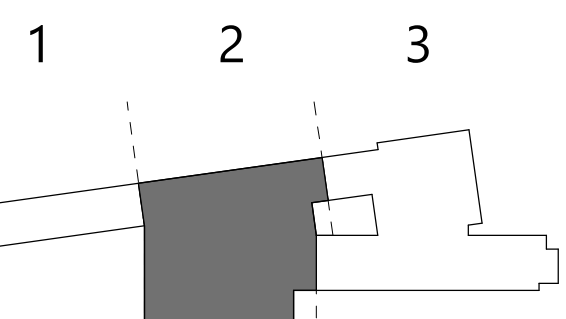
P112 1/8" = 1'-0"



## P112 DRAWING NOTES

- 1 6" PRIMARY STORM UP
- 2 6" SECONDARY STORM UP
- 3 6" PRIMARY STORM DOWN
- 4 6" SECONDARY STORM DROP TO 1'-6" ABOVE GRADE AT EXTERIOR AND DISCHARGE OVER SPLASH BLOCK BY OTHERS. PROVIDE DOWNSPOUT AT EXTERIOR TERMINATION
- 5 3" VENT UP
- 6 4" SECONDARY STORM DROP TO 1'-6" ABOVE GRADE AT EXTERIOR AND DISCHARGE OVER SPLASH BLOCK BY OTHERS. PROVIDE DOWNSPOUT AT EXTERIOR TERMINATION
- 7 4" PRIMARY STORM UP
- 8 4" SECONDARY STORM UP
- 9 6" PRIMARY STORM UP AND DOWN
- 10 6" SECONDARY STORM UP; 6" DROP DOWN TO 1'-6" ABOVE GRADE AT BUILDING EXTERIOR AND TERMINATE WITH HINGED DOWNSPOUT COVER
- 11 4" PRIMARY STORM UP AND DOWN
- 12 4" SANITARY UP AND DOWN; 1" SANITARY DROP AND UP TO FLUSH VALVES
- 13 2" SANITARY UP; 2" SANITARY DOWN; 1/2" HOT AND COLD WATER DROP AND UP TO MIXING VALVE/ FAUCET SUPPLIES
- 14 1-1/2" SANITARY UP; 1/2" HOT AND COLD WATER UP TO MIXING VALVE/ FAUCET SUPPLIES
- 15 4" AND 4" VENT SANITARY UP AND DOWN; 1" SANITARY DROP AND UP TO FLUSH VALVES
- 16 2" SANITARY DOWN
- 17 1-1/2" SANITARY UP; 1/2" COLD WATER UP
- 18 1-1/2" SANITARY DROP; 2" DOWN; 1-1/2" VENT RISE; 1/2" HOT AND COLD WATER DROP TO MIXING VALVE/ FAUCET SUPPLIES
- 19 1-1/2" SANITARY DROP IN WALL; 1-1/2" VENT RISE
- 20 3" SANITARY DOWN; 2" VENT RISE
- 21 1-1/4" COLD WATER AND 1/2" HOT WATER DROP; ROUTE IN CHASE - 1" COLD WATER TO FLUSH VALVE; 1/2" HOT AND COLD WATER TO MIXING VALVE/ FAUCET SUPPLIES
- 22 3/4" COLD WATER DROP DOWN TO FROST FREE WALL HYDRANT
- 23 1" HOT AND 1-1/4" COLD WATER DROP; ROUTE IN CHASE TO MIXING VALVE/ FAUCET SUPPLIES, BOTTLE FILLER AND EYE WASH STATION. PROVIDE EMERGENCY MIXING VALVE AND THERMOMETER IN VISIBLE LOCATION AT EYE WASH STATION. ROUTE 1/2" TEPID WATER FROM MIXING VALVE TO EYE WASH
- 24 3/4" HOT AND 1" COLD WATER DROP; ROUTE IN CHASE TO MIXING VALVE/ FAUCET SUPPLIES, BOTTLE FILLER AND EYE WASH STATION. PROVIDE EMERGENCY MIXING VALVE AND THERMOMETER IN VISIBLE LOCATION AT EYE WASH STATION. ROUTE 1/2" TEPID WATER FROM MIXING VALVE TO EYE WASH
- 25 2" SANITARY DOWN; ROUTE IN CHASE TO FIXTURE TRAPS
- 26 3" SANITARY DOWN; 2" VENT RISE; 1" COLD WATER DROP
- 27 1-1/2" SANITARY DROP; 1-1/2" VENT RISE; 1/2" HOT AND COLD WATER DROP TO MIXING VALVE/ FAUCET SUPPLIES
- 28 3" VENT RISE
- 29 4" GREASE WASTE DOWN
- 30 3" GREASE WASTE WITH P-TRAP UP TO FLOOR SINK
- 41 1/2" HOT AND COLD WATER UP
- 42 3/4" HOT AND COLD WATER UP
- 43 2" VENT RISE
- 44 1-1/2" HOT AND COLD WATER DROP
- 45 1-1/2" SANITARY DROP; 2" SANITARY IN WALL; 1-1/2" VENT RISE
- 46 1-1/2" SANITARY DROP; 2" DOWN; 1-1/2" VENT RISE; P-TRAP IN WALL; 1-1/2" HOT AND COLD WATER DROP TO WASHING MACHINE SUPPLY BOX
- 47 2" SANITARY DOWN; 2" VENT RISE
- 48 1" HOT AND COLD WATER DROP; ROUTE IN WALL. PROVIDE 1/2" HOT AND COLD TO WASH TUB SUPPLIES
- 49 1-1/2" SANITARY WITH P-TRAP TO EACH WASH TUB. PROVIDE HAIR TRAP SIMILAR TO STRIEM SIDEKICK POINT OF USE SIDE ACCESS SOLIDS INTERCEPTOR IN DRAIN PIPING
- 50 2" VENT UP
- 51 3" SANITARY WITH P-TRAP UP
- 52 1-1/2" VENT UP
- 53 1-1/2" COLD WATER CONNECTION TO EACH COMBI UNIT. SUPPLY. ROUTE DRAIN CONNECTION AND DISCHARGE WITH DOWN TURNED ELBOW 1" ABOVE FLOOD RIM OF FLOOR SINK
- 54 1/2" HOT AND COLD WATER RISE; 1-1/2" DRAIN FROM FIXTURE TO DISCHARGE 1" OVER FLOOR SINK
- 55 1/2" HOT AND COLD WATER DROP TO FAUCET SUPPLIES. ROUTE 1-1/2" WASTE TO FLOOR MOUNTED AUTOMATIC GREASE TRAP
- 56 3" SANITARY DOWN
- 57 1-1/2" SANITARY; 1/2" HOT AND COLD WATER UP
- 58 MEDIUM PRESSURE NATURAL GAS SERVICE FROM UTILITY COMPANY
- 59 2" NATURAL GAS RISE
- 60 4" NATURAL GAS UP TO ROOF
- 61 3/4" COMPRESSED AIR DROP DOWN TO REGULATOR STATION AND CONNECT TO TIRE CHANGING EQUIPMENT
- 62 3/4" COMPRESSED AIR DROP DOWN TO REGULATOR STATION AND CONNECT TO WHEEL BALANCING EQUIPMENT
- 64 3/4" COMPRESSED AIR DROP DOWN TO HOSE REEL - REELCRAFT 56500LP - 3/8" X 50' HEAVY DUTY HOSE REEL WITH BUMPER STOPS
- 65 1" COMPRESSED AIR UP
- 66 6" COMBINED DUCTED SUPPLY AIR TO HOT WATER HEATERS
- 67 3/4" COMPRESSED AIR DROP DOWN TO HOSE REEL - REELCRAFT 56500LP - 3/8" X 50' HEAVY DUTY HOSE REEL WITH BUMPER STOPS
- 68 1-1/2" PUMPED DISCHARGE RISE FROM SUMP PUMP
- 69 NATURAL GAS SHUTOFF VALVE FOR BUILDING
- 70 NATURAL GAS SHUTOFF VALVE FOR GENERATOR
- 71 1/2" COLD WATER DROP DOWN TO SUPPLY BOX IN WALL FOR REFRIGERATOR
- 72 6" DOMESTIC COLD WATER TO FIRE PROTECTION SYSTEM
- 73 COMPRESSED AIR UP
- 74 3" SOLENOID VALVE FOR NATURAL GAS SHUT DOWN. COORDINATE WITH FIRE SUPPRESSION CONTRACTOR FOR ACTIVATION WITH HOOD SUPPRESSION SYSTEM ACTIVATION
- 75 6" COMBINED DUCTED EXHAUST AIR TO HOT WATER HEATERS
- 76 4" NATURAL GAS DROP DOWN TO UNDERGROUND TO SUPPLY GENERATOR
- 77 1-1/2" COLD WATER TO DUST COLLECTOR. SIGN TO BE PROVIDED INDICATING THAT THIS VALVE SHALL REMAIN OPEN AT ALL TIMES.
- 78 6" COMBINED DOMESTIC AND FIRE WATER SERVICE
- 79 DOMESTIC WATER WET-PIPE SYSTEM
- 80 TWO DOMESTIC WATER REDUCED PRESSURE BACKFLOW PREVENTERS IN PARALLEL. SEE DETAIL 7 P301 FOR DETAILS
- 81 3/4" COMPRESSED AIR DROP DOWN TO REGULATOR STATION AND CONNECT TO H-FRAME PRESS EQUIPMENT
- 83 3/4" COMPRESSED AIR RISE UP TO LIFT CONTROLLER
- 84 3/4" COMPRESSED AIR DROP DOWN TO QUICK CHANGE CONNECTION FOR MOTOR CYCLE LINE

## KEY PLAN



1 2 3