

① FIRST FLOOR HVAC PLAN
 1/4" = 1'-0"

CONDENSING UNIT SCHEDULE

MARK	MANUFACTURER & MODEL	RATED COOLING CAPACITY (BTU/H)	HEATING CAPACITY MAX/MIN (BTU/H)	ELECTRICAL			ELECTRICAL			SEER	WEIGHT	NOTES
				VOLTS	HZ	PHASE	MCA	MOCF	RLA			
CU-1	DAIKIN DX6VSS3610	33,600	N/A	230 V	60 Hz	1	23.9 A	25 A	16.8 A	16.2	150 lb	1,2,3,4,5

NOTES:

- ALL UNITS SHALL BE SUPPLIED AS COMPLETE SYSTEMS WITH EXPANSION VALVES (TXV), FILTER-DRYERS, SIGHT GLASS, LOW AMBIENT HEATER, CRANKCASE HEATER AND R410A REFRIGERANT PIPING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- CONTRACTOR SHALL VERIFY WITH THE UNIT MANUFACTURER THAT REFRIGERANT LINES ARE WITHIN THE RECOMMENDED ALLOWABLE LINE LENGTHS OF RUN AND RISE. CONTACT THE ENGINEER IF LINE LENGTHS EXCEED THESE REQUIREMENTS.
- INSTALL NEW UNITS ON 4" THICK CONCRETE PAD SUITABLE FOR HVAC SYSTEMS. ANCHOR UNIT TO PAD.
- INSTALLING CONTRACTOR SHALL BE CERTIFIED BY THE MANUFACTURER TO BID AND INSTALL THE EQUIPMENT.
- FIELD INSTALLED DISCONNECT SWITCH BY DIF-28 ELECTRICAL CONTRACTOR. REFER TO ELECTRICAL DRAWINGS.

FURNACE/COIL UNIT SCHEDULE

MARK	MANUFACTURER	MODEL #	S/A CFM	ESP	HEATING OUTPUT CAPACITY (BTU/H)	ELECTRICAL			SUPPLY FAN			NOTES		
						V	HZ	PHASE	MCA	MOCF	MOTOR HP		FLA	CONFIG
FCU-1	DAIKIN	DC80TN0804BN	1200	0.5	64,000	115 V	60 Hz	1	12 A	15 A	0.75	5 A	VERTICAL	1,2,3,4

NOTES:

- INSTALL REFRIGERANT LINES PER MANUFACTURER GUIDELINES BASED ON RUN LENGTH.
- EXTEND CONDENSATE DRAIN PIPING TO NEAREST FLOOR DRAIN WITH CODE APPROVED AIR GAP.
- PROVIDE MANUFACTURER RECOMMENDED 7 DAY PROGRAMMABLE THERMOSTAT.
- PROVIDE DAIKIN CASED COIL CAPF313786 NOMINAL 3 TON COOLING COIL.

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER & MODEL	LOCATION	MOUNTING	CFM	ESP	SONES	ELECTRICAL			SPEEDS	REMARKS	
							V	P	HZ			WATTS
EF-1	BROAN 679	BATHROOM	CEILING	70	0.1	3.5	120 V	1	60 Hz	240 W	1	A, B, C, E
EF-2	BROAN 679	BATHROOM	CEILING	70	0.1	3.5	120 V	1	60 Hz	240 W	1	A, C, E, G

NOTES:

- REFER TO DIVISION 23 SPECIFICATIONS.
- REFER TO SPECIFICATIONS FOR ACCEPTABLE ALTERNATE MANUFACTURERS.
- INSTALL FAN SYSTEM COMPLETE PER MANUFACTURER'S INSTRUCTIONS.
- MECHANICAL CONTRACTOR SHALL COORDINATE FAN OPERATION AND RELAYS REQUIRED WITH THE ELECTRICAL WORK.
- PROVIDE LABEL FOR EACH PIECE OF MECHANICAL EQUIPMENT. COORDINATE LABEL NAMING CONVENTION WITH OWNER.

REMARKS:

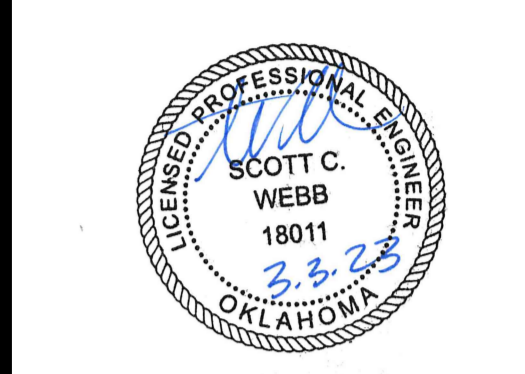
- STANDARD DISCONNECT, COORDINATE LOCATION WITH ELECTRICAL CONTRACTOR.
- PROVIDE ROUND WALL CAP.
- INTEGRAL BACKDRAFT DAMPER.
- FAN CONTROLLED BY TIME CLOCK TO RUN CONTINUOUSLY DURING HOURS OF OPERATION. REFER TO ELECTRICAL DRAWINGS.
- FAN CONTROLLED BY WALL SWITCH. REFER TO ELECTRICAL DRAWINGS FOR LOCATION BY BAR. PROVIDE LABEL FOR SWITCH ON SWITCH PLATE.
- FLEXIBLE CONNECTIONS AT DISCHARGE DUCT CONNECTIONS TO MINIMIZE VIBRATION.
- PROVIDE ROOF JACK.

AIR DEVICE SCHEDULE

MARK	MANUFACTURER & MODEL#	SERVICE	MATERIAL	FACE TYPE	MOUNTING LOCATION	FACE SIZE	NECKSIZE	NOISE CRITERIA (NC)	NUMBER OF SLOTS	SLOT INCHES	NOTES
CD1	TITUS TMS	SUPPLY AIR	ALUMINUM	ROUND NECK	SURFACE	12"x12"	6	25	--	--	1,3,4,6,7
CD2	TITUS TMS	SUPPLY AIR	STEEL	ROUND NECK	SURFACE	12"x12"	6	25	--	--	1,3,4,6,7
CD3	TITUS TMS	SUPPLY AIR	STEEL	ROUND NECK	SURFACE	12"x12"	8	25	--	--	1,3,4,6,7
RAG	TITUS 350RLF1	RETURN AIR	STEEL	SQUARE NECK	SURFACE	24X24	20	25	--	--	1,3,6,7,8

NOTES:

- COORDINATE FRAME TYPE WITH CEILING MATERIALS. DUCT MOUNT WHERE SPIRAL DUCTWORK EXPOSED.
- NOT ALL GRILLE AND DIFFUSERS SHOWN ARE NECESSARILY USED. REFER TO HVAC PLAN FOR LOCATION AND QUANTITY.
- FOR SURFACE MOUNTED LAY-IN TYPE DIFFUSERS OR GRILLES PROVIDE TRIM RINGS. REFER TO ARCHITECTURAL DRAWINGS AND COORDINATE CEILING TYPES WITH AIR DEVICE MOUNTING STYLE.
- WHERE BACK PAN OF DIFFUSER IS EXPOSED TO NON-CONDITIONED ATTIC TYPE SPACES, PROVIDE FACTORY R-6 FOIL BACKED INSULATION TO MINIMIZE CONDENSATION.
- COORDINATE LOCATION OF GRILLES, REGISTERS AND DIFFUSERS WITH CEILING GRID, LIGHT LOCATIONS, STRUCTURAL MEMBERS AND ARCHITECTURAL FEATURES.
- FINAL FINISH OF ALL AIR DEVICES SHALL BE VERIFIED WITH ARCHITECT'S FINISH AND PAINTING SCHEDULE.
- ACCEPTABLE ALTERNATE MANUFACTURERS: HART & COOLEY, TRUJARE, ANEMOSTAT, AND METALAIR.
- PROVIDE 1 INCH THICK 20X20 FILTER.



PIPE AND FITTINGS	
	GATE VALVE
	GLOBE VALVE
	ANGLE GATE VALVE
	SOLENOID VALVE
	NON SLAM CHECK VALVE
	BUTTERFLY VALVE
	PLUG VALVE
	BALL VALVE
	TWO WAY CONTROL VALVE
	PRESSURE REGULATOR
	THREE WAY CONTROL VALVE
	PRESSURE REDUCING VALVE
	BUTTERFLY VALVE
	AUTOMATIC AIR VENT
	STRAINER, Y TYPE W/GATE VALVE OR HOSE BIBB
	FLEXIBLE CONNECTION
	JOINT
	EXPANSION JOINT
	FLOW METER
	FLOW DIRECTION
	ELBOW BASE
	ELBOW REDUCING
	UNION
	PRESSURE GAUGE WITH TRI-COCK
	PRESSURE INDICATOR
	TEST PLUG
	TEMPERATURE INDICATOR
	FLOW SWITCH
	FLOW INDICATOR
	REDUCER, CONCENTRIC
	REDUCER, ECCENTRIC
	STRAIGHT CROWN
	REDUCER, ECCENTRIC
	STRAIGHT INVERT
	AUTO FLOW BALANCING VALVE
	FIRE PUMP
	FNS PER INCH
	FEET PER MINUTE
	FEET
	FACE VELOCITY
	WALL CLEANOUT
	BACKFLOW PREVENTER
	LUBRICATED PLUG COCK
	HOSE BIBB W/VACUUM BREAKER
	CAPPED END
	SIDEWALL SPRINKLER HEAD
	PENDENT SPRINKLER HEAD
	UPRIGHT SPRINKLER HEAD
	SIAMESE FIRE DEPARTMENT CONNECTION
	ALARM CHECK VALVE
	DELUGE VALVE
	PIPE SWAY BRACING
	PIPE ANCHOR SUPPORT
	BALANCING VALVE

ABBREVIATIONS					
A	ABV	AIR ABOVE	K	KW	KILOWATT
	ACCU	AIR COOLED CONDENSING UNIT	L	LAB	LABORATORY
	ACL	ACETYLENE GAS	LAT	LAV	LEAVING AIR TEMPERATURE
	ACU	AIR CONDITIONING UNIT	LAV	LAV	LAVATORY
	AD	ACCESS DOOR	LB	LB	POUND
	AF	AIR FILTER	LD	LD	LINEAR DIFFUSER
	AFF	ABOVE FINISHED FLOOR	LDB	LDB	LEAVING DRY BULB
	AFH	AIR FILTER, HIGH EFFICIENCY	LF	LF	LINEAR FEET
	AHU	AIR HANDLING UNIT	LFD	LFD	LAMINAR FLOW DIFFUSER
	APD	AIR PRESSURE DROP	LP	LP	LIQUID PROPANE
	AR	ACID RESISTANT	LIS	LIS	LITERS PER SECOND
	ASSY	ASSEMBLY	LWB	LWB	LEAVING WET BULB
	AUX	AUXILIARY	LWO	LWO	LEAVING WATER TEMPERATURE
	AV	AUTOMATIC AIR VENT	M	MAU	MAKE-UP AIR UNIT
B	BDD	BACKDRAFT DAMPER	MAX	MAX	MAXIMUM
	BHP	BRAKE HORSE POWER	MB	MB	MIXING BOX/MOP BASIN
	BP	BACKFLOW PREVENTER	MBH	MBH	THOUSAND BTU/HR
	BS	BIRD SCREEN	MD	MD	MOTORIZED DAMPER
C	C	CONDENSATE	MECH	MECH	MECHANICAL
	C/L	CENTER LINE	MIN	MIN	MINUTE/MINIMUM
	CD	CEILING DIFFUSER	MM	MM	MILLIMETERS
	CFM	CUBIC FEET PER MINUTE	MS	MS	MOTOR STARTER
	CH	CHILLER	N	N	NITROGEN
	CHDR	CHEMICAL DRAIN	NC	NC	NORMALLY CLOSED
	CHP	CHILLED WATER PUMP	NG	NG	NATURAL GAS
	CLG	CEILING CLEANOUT	NIC	NIC	NOT IN CONTRACT
	CO	CONCRETE	NO	NO	NUMBER
	CONC	CONCRETE	NOX	NOX	NITROGEN OXIDE
	CONN	CONNECTION	NTS	NTS	NOT TO SCALE
	CONT	CONTINUED/CONTINUATION/CONTINUOUS	O	O	OXYGEN
	COTG	CLEAN OUT TO GRADE	OA	OA	OUTSIDE AIR LOUVER
	CU	CONDENSING UNIT/COPPER	OB	OB	OPPOSED BLADE DAMPER
	CV	CONSTANT VOLUME	OC	OC	ON CENTER
	CW	COLD WATER	OS	OS	OVERFLOW SCUPPER
D	DDC	DIRECT DIGITAL CONTROL	OS&Y	OS&Y	OUTSIDE SCREW & YOKE
	DG	DOOR GRILLE	P	PD	PRESSURE DROP
	DIA	DIAMETER	POC	POC	POINT OF CONNECTION
	DIM	DIMENSION	PRESS	PRESS	PRESSURE
	DMPR	DAMPER	PRV	PRV	PRESSURE REDUCING VALVE
	DN	DOWN	PSI	PSI	POUNDS PER SQUARE INCH
	DPS	DIFFERENTIAL PRESSURE SWITCH	PVC	PVC	POLYVINYL CHLORIDE
	DR	DRAIN	R	RA	RETURN AIR
	DSD	DUCT SMOKE DETECTOR	RAG	RAG	RETURN AIR GRILLE
	DSW	DISTILLED WATER	RAR	RAR	RETURN AIR REGISTER
	DWG	DRAWING	RC	RC	RAIN CONDUCTOR
E	EAT	ENTERING AIR TEMPERATURE	RD	RD	ROOF DRAIN
	ED	EQUIPMENT DRAIN	REF	REF	REFERENCE
	EDB	ENTERING DRY BULB	RF	RF	RETURN FAN
	EER	ENERGY EFFICIENCY RATIO	RL	RL	RAIN LEADER
	EF	EXHAUST FAN	RM	RM	ROOM
	EFF	EFFICIENCY	RTN	RTN	RETURN
	EG	EXHAUST GRILLE	S	SA	SUPPLY AIR
	EL	ELEVATION	SAG	SAG	SUPPLY AIR GRILLE
	ELEC	ELECTRICAL	SAN	SAN	SANITARY
	ENT	ENTERING	SAR	SAR	SUPPLY AIR REGISTER
	ER	EXHAUST REGISTER	SD	SD	SMOKE DAMPER
	EWB	ENTERING WET BULB	SD/DF	SD/DF	COMB. SMOKE DAMPER/FIRE DAMP.
	EWC	ELECTRIC WATER COOLER	SH	SH	SUPPLY FAN
	EWT	ENTERING WATER TEMPERATURE	SH	SH	SHEET
	EXH	EXHAUST	SP	SP	STATIC PRESSURE
	EWS	EYE WASH/SHOWER STATION	SQ FT	SQ FT	SQUARE FEET
F	FCO	FLOOR CLEANOUT	SST	SST	STAINLESS STEEL
	FD	FIRE DAMPER/FLOOR DRAIN	T	TCU	TERMINAL CONTROL UNIT
	FH	FUME HOOD	TEMP	TEMP	TEMPERATURE
	FL	FLOOR	TG	TG	TRANSFER GRILLE
	FLEX	FLEXIBLE	TP	TP	TRAP PRIMER
	FOR	FUEL OIL RETURN	TYP	TYP	TYPICAL
	FOS	FUEL OIL SUPPLY	U	UC	UNDERCUT
	FP	FIRE PUMP	V	V	VENT
	FPI	FNS PER INCH	VAV	VAV	VARIABLE AIR VOLUME
	FFM	FEET PER MINUTE	VD	VD	VOLUME DAMPER
	FT	FEET	VEL	VEL	VELOCITY
	FV	FACE VELOCITY	VERT	VERT	VERTICAL
G	GA	GAUGE	VFD	VFD	VARIABLE FREQUENCY DRIVE
	GIV	GRAVITY INTAKE VENTILATOR	VSD	VSD	VARIABLE SPEED DRIVE
	GND	GROUND	VTR	VTR	VENT THRU ROOF
	GPM	GALLONS PER MINUTE	W	W	WITH
	GRV	GRAVITY RELIEF VENTILATOR	W/O	W/O	WITHOUT
H	HB	HOSE BIBB	WCO	WCO	WALL CLEANOUT
	HORIZ	HORIZONTAL	WC	WC	WATER COLUMN
	HP	HORSE POWER/HEAT PUMP	WH	WH	WALL HYDRANT
	HTG	HEATING	WHA	WHA	WATER HAMMER ARRESTORS
	HUMID	HUMIDISTAT	WR	WR	WATER RISER
	HWS	HOT WATER SUPPLY	WTR	WTR	WATER
	HWB	HOT WATER BOILER			
	HWP	HOT WATER PUMP			
	HWR	HOT WATER RETURN			
I	ID	INSIDE DIAMETER			
	IN	INCHES			
	INV EL	INVERT ELEVATION			

DOMESTIC WATER GENERAL NOTES

- CUTOFF VALVES AND STOPS SHALL BE PROVIDED WHERE SHOWN ON DRAWINGS AND AT FIXTURE CONNECTIONS.
- TEST ALL WATER SYSTEM IN PRESENCE OF OWNER'S REPRESENTATIVE AT MIN. 100 PSIG FOR 8 HOURS. SANITARY, WASTES, AND VENTS SHALL BE TESTED WITH 10' HEAD OF WATER FOR 8 HOURS WITH LEVEL OF WATER REMAIN UNCHANGED.
- INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS.
- INSTALL ALL WATER PIPING SYSTEMS SO THAT THEY WILL NOT BE SUBJECT TO ANY UNDOE STRAINS OR STRESSES. PROVISIONS SHALL BE MADE FOR EXPANSION, CONTRACTION AND STRUCTURAL SETTLEMENT.
- ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOOR CEILING ASSEMBLY SHALL BE INSTALLED AND SEALED TO MAINTAIN FIRE RATING WITH U.L. LISTED ASSEMBLIES, MATERIALS AND SEALANTS.
- BELOW GROUND PIPE SHALL BE INSTALLED NO LESS THAN 6" BELOW FROST LINE. REFER TO STRUCTURAL DETAILS FOR FOUNDATION PENETRATION.
- DRAWING IS DIAGRAMMATIC IN NATURE AND IS NOT INTENDED TO BE SCALED FOR DIMENSIONS.
- COORDINATE LOCATION OF PLUMBING WORK WITH OTHER TRADES TO AVOID CONFLICTS AND INTERFERENCES.
- ALL TESTING IS THE RESPONSIBILITY OF THE CONTRACTOR, WITHOUT EXTRA COST FOR THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A WATER FLOW AND PRESSURE TEST FOR EVALUATING INCOMING DOMESTIC AND FIRE PROTECTION SERVICE PRESSURES.
- WHERE STREET WATER MAIN PRESSURES FLUCTUATE, THE BUILDING WATER DISTRIBUTION SYSTEM SHALL BE DESIGNED FOR MINIMUM PRESSURE AVAILABLE. WHEREVER WATER PRESSURE FROM THE STREET MAIN OR OTHER SOURCE OF SUPPLY IS LESS THAN 60 PSI, A WATER PRESSURE BOOSTER SYSTEM SHALL BE INSTALLED ON THE BUILDING WATER SUPPLY SYSTEM. WHERE WATER PRESSURE WITHIN A BUILDING EXCEEDS 80 PSI STATIC, AN APPROVED WATER-PRESSURE REDUCING VALVE WITH STRAINER CONFORMING TO ASSE. 1003 SHALL BE INSTALLED TO REDUCE THE PRESSURES TO BELOW 80 PSI.

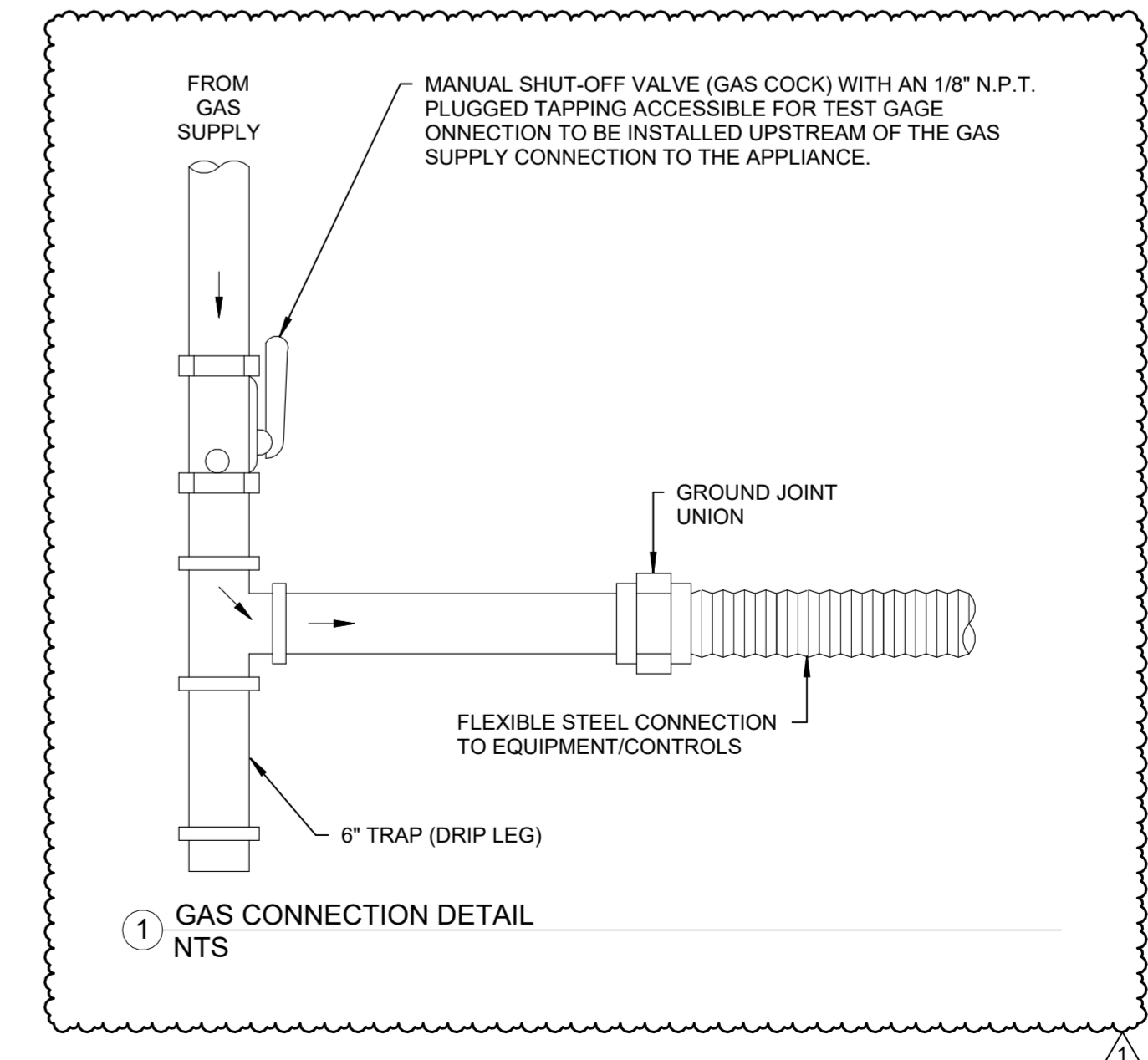
SANITARY SEWER GENERAL NOTES

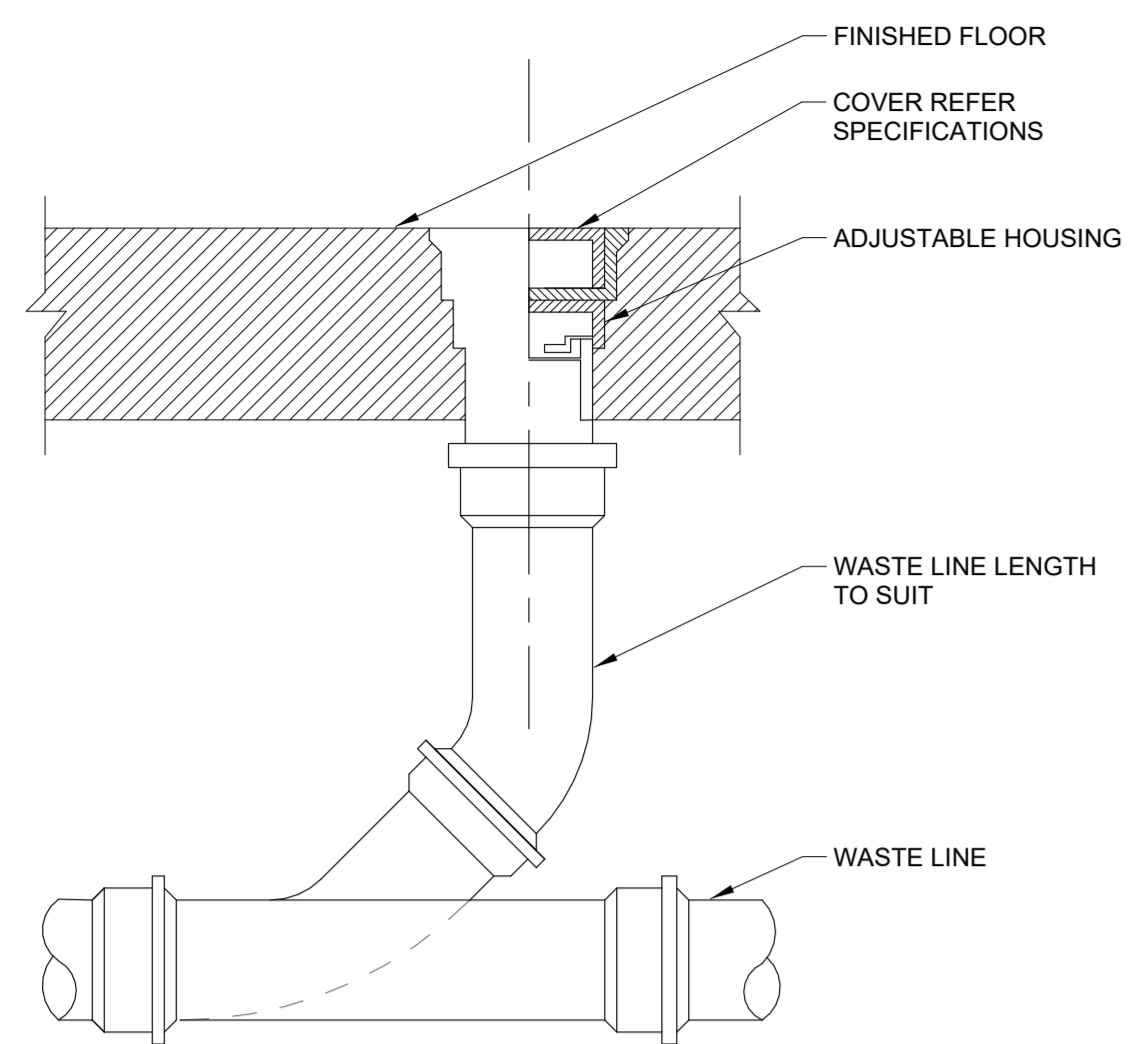
- PROVIDE CLEANOUTS AT LOCATIONS AND WITH CLEARANCES AS REQUIRED BY THE CODE NOT EXCEEDING 50 FEET IN HORIZONTAL RUNS AT EACH CHANGE OF DIRECTION, VERTICAL OR HORIZONTAL. GREATER THAN 45°. AT THE BASE OF EACH WASTE OR VENT STACK 5 FEET AFF. PROVIDE WALL CLEANOUTS IN LIEU OF FLOOR CLEANOUTS WHEREVER POSSIBLE. ALL INTERIOR CLEANOUTS SHALL BE ACCESSIBLE FROM WALLS OR FLOORS.
- THE FLOOR DRAIN IN TOILETS AND MECHANICAL ROOMS SHALL BE PROVIDED WITH BACKWATER VALVES.
- MAINTAIN MINIMUM OF 10 FEET CLEARANCE BETWEEN ANY VTR AND OUTSIDE AIR INTAKES. WHERE HORIZONTAL CLEARANCE CANNOT BE PROVIDED, EXTEND VENTS A MIN OF 24" ABOVE EACH OUTSIDE AIR INTAKE.
- VTR'S ROOF PENETRATIONS, WATER PROOFING AND FLASHINGS SHALL BE PROVIDED BY ROOF CONTRACTOR.
- ALL TESTING IS THE RESPONSIBILITY OF THE CONTRACTOR. TEST ALL SEWER AND VENT SYSTEMS IN PRESENCE OF OWNER'S REPRESENTATIVE.
- INVERT ELEVATION SHOWN BASED ON 100.0 FT. FF ELEVATION, REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATIONS.
- SEWER PIPE SHALL BE INSTALLED NO LESS THAN 6" BELOW THE FROST LINE.

NOTE:
THIS IS A STANDARD SYMBOLS & ABBREVIATIONS SHEET. THEREFORE, SOME SYMBOLS & ABBREVIATIONS MAY APPEAR ON THIS SHEET AND NOT ON THE PLANS.

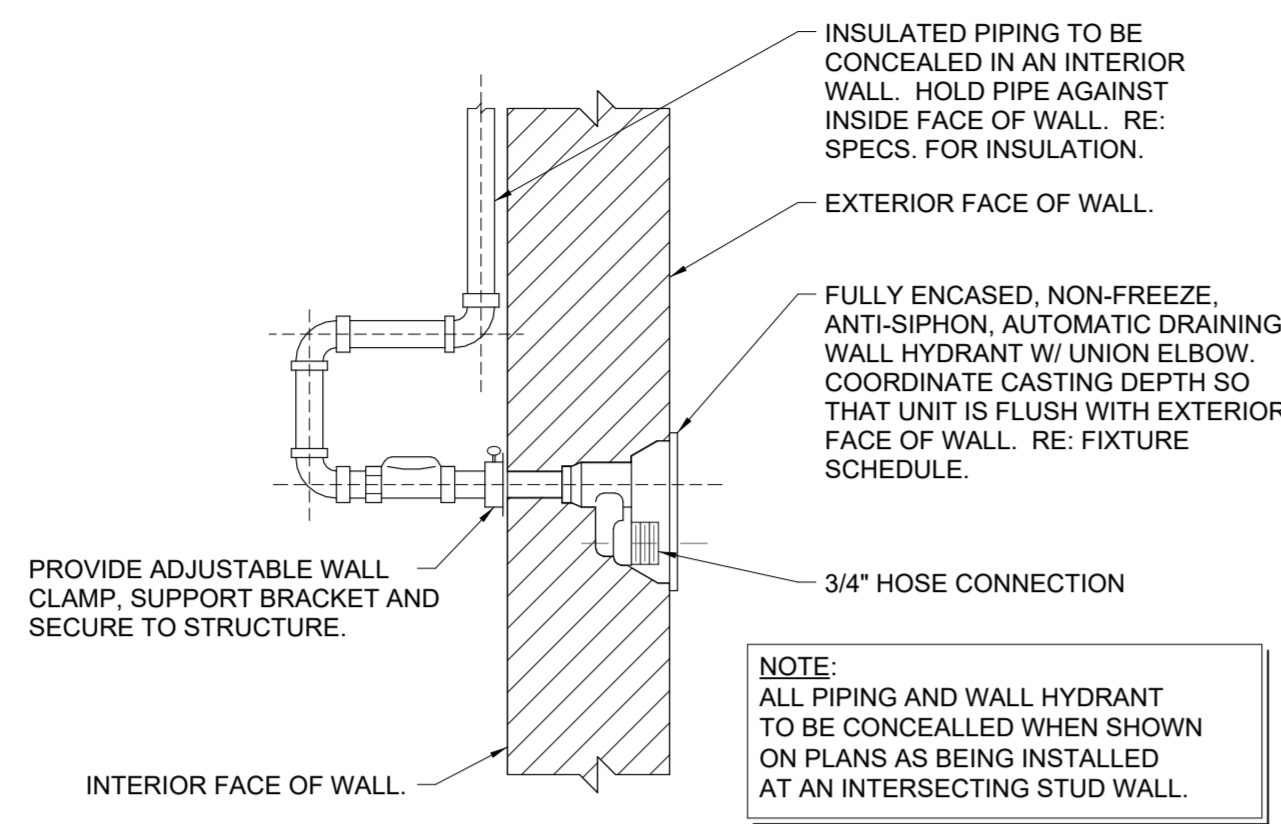
PIPE LINES	
----	POTABLE COLD WATER
----	POTABLE HOT WATER
----	POTABLE HOT WATER RETURN
----	VENT

PIPE TAGS	
XX" CW	POTABLE COLD WATER
XX" HW	POTABLE HOT WATER
XX" HWR	POTABLE HOT WATER RETURN
XX" V	VENT
XX" CA	COMPRESSED AIR
XX" SS	SANITARY SEWER
XX" OW	OIL/WASTE WATER
XX" G	NATURAL GAS
XX" VTR	VENT THROUGH ROOF

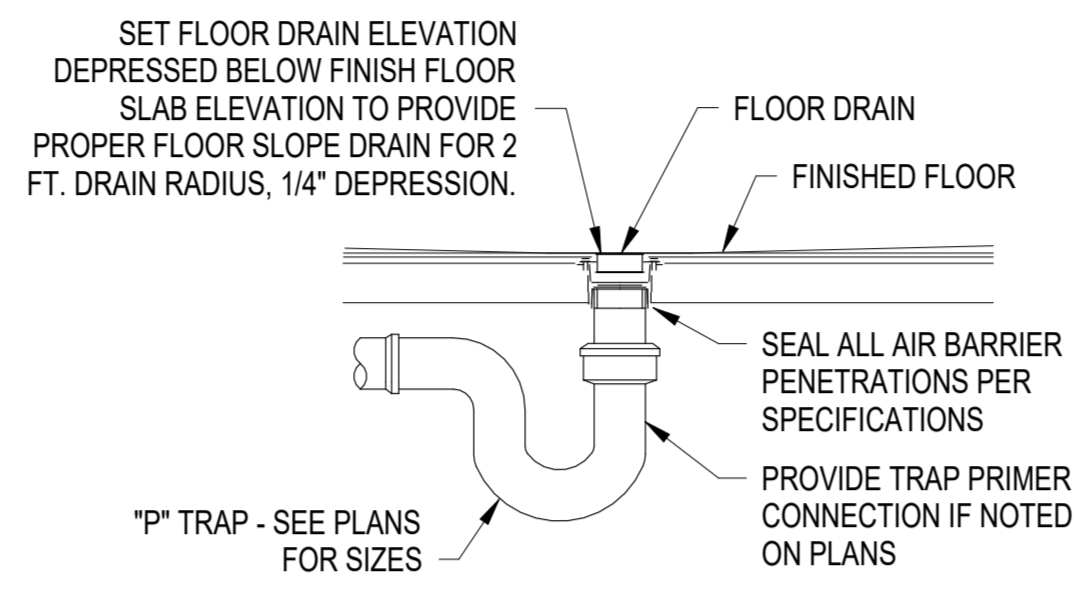




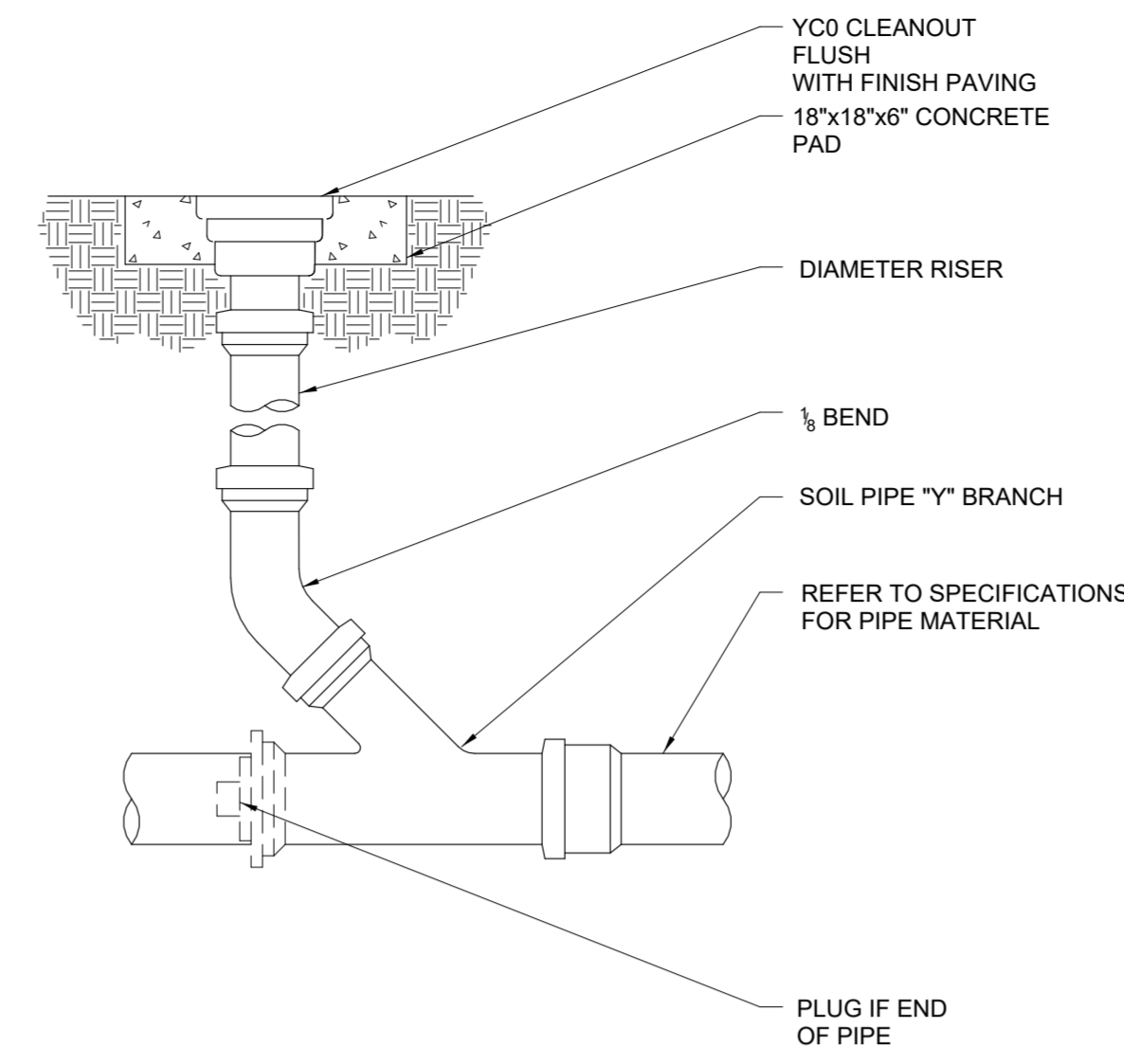
3 FLOOR CLEAN-OUT (FCO) NTS



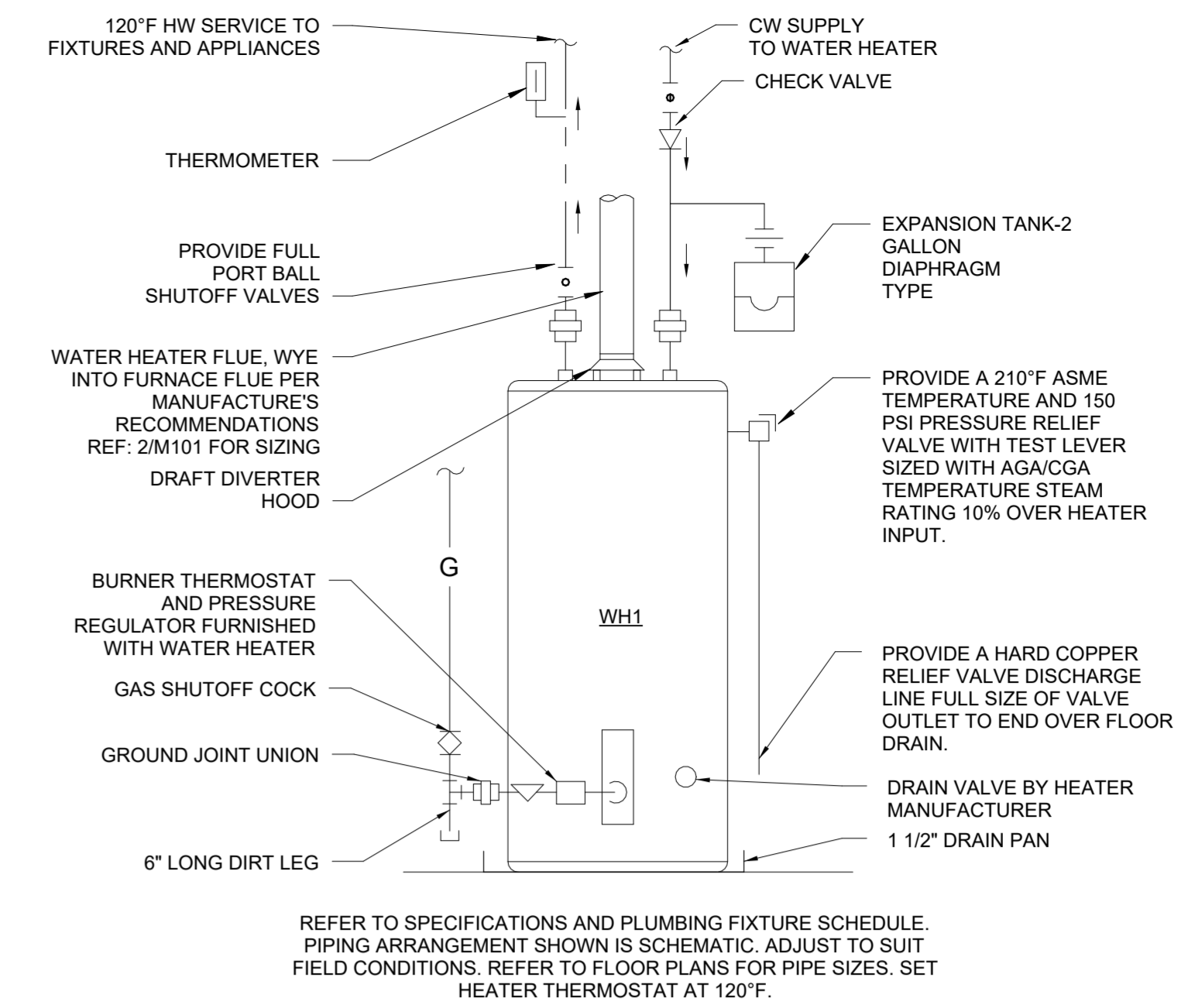
4 FREEZE PROOF WALL HYDRANT (FPWH) NTS



5 FLOOR DRAIN DETAIL NO SCALE



6 YARD CLEAN-OUT (YCO) NTS



7 GAS WATER HEATER DETAIL NOT TO SCALE

PLUMBING FIXTURE SCHEDULE

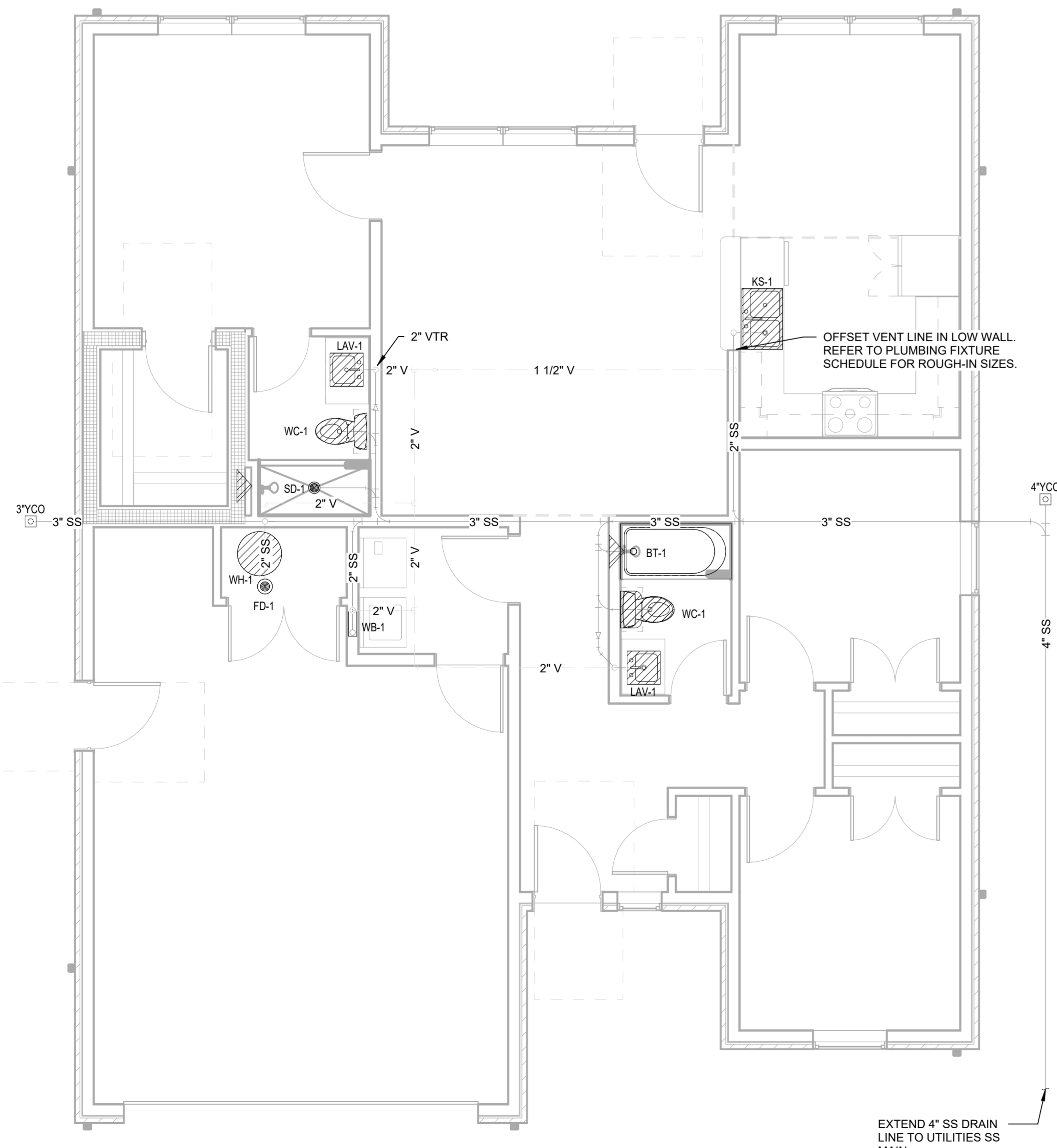
MARK	UNIT TYPE	BRANCH SIZES (MIN)				MANUFACTURER & MODEL	FAUCET/TRIM	DESCRIPTION
		WASTE	VENT	CW	HW			
BT-1	SHOWER AND TUB VALVE	0"	0"	1/2"	1/2"	AMERICAN STANDARD RU102SS	T385.502 RELIANT 3 BATH/SHOWER TRIM KIT	FLASH ROUGH VALVE BODY
FD-1	FLOOR DRAIN	2"	1 1/2"	1/2"	1/2"	JAY R. SMITH 2005B	WOODFORD B67	FLOOR DRAIN SQUARE
FPWH-1	WALL HYDRANT	0"	0"	1/2"	0"	SILOUX CHIEF 696-G101MF		FREEZELESS WALL HYDRANT
MB-1	ICE MAKER BOX	0"	0"	1/2"	1/2"	AMERICAN STANDARD 22DB 6332283C.075.50/5	AMERICAN STANDARD 4175.300 F15	1 1/4" COMPRESSION OUTLET CONNECTION OUTLET BOX
KS-1	KITCHEN SINK	2"	1 1/2"	1/2"	1/2"	AMERICAN STANDARD 0476.028.020	AMERICAN STANDARD 7075.050	COLONY 33 x 22 ADA DOUBLE BOWL STAINLESS STEEL KITCHEN SINK KIT
LAV-1	DROP IN	2"	1 1/2"	1/2"	1/2"	JAY R. SMITH 216		AQUALYN DROP IN SINK VITREOUS CHINA
SD-1	SHOWER DRAIN	2"	1 1/2"	1/2"	1/2"	AMERICAN STANDARD RU102SS	TU662SG.211SHOWER TRIM	FLASH ROUGH VALVE BODY
SH-1	SHOWER VALVE	0"	0"	1/2"	1/2"	SILOUX CHIEF 696 series		DOUBLE HOSE BIBB OUTLET CONNECTION OUTLET BOX WITH DRAIN BOX
WB-1	WASHER WALL BOX	2"	1 1/2"	1/2"	1/2"	AMERICAN STANDARD 211AA.004	N/A	COMPLETE TOILET WITH ANK AND SEAT HYDRAPRO MODEL HPWPTE5SC
WC-1	TANK TYPE RIGHT FLUSH	3"	2"	3/4"				
3*YCO	YARD CLEAN-OUT	3"				ZURN Z1449		CAST IRON FERRULE AND PLUG. DURA-COATED CAST IRON, DOUBLE-FLANGED HOUSING, AND EXTRA HEAVY DUTY SCORIATED CAST IRON COVER WITH LIFTING DEVICE, VANDAL-PROOF SCREWS.
4*YCO	YARD CLEAN-OUT	4"				ZURN Z1449		CAST IRON FERRULE AND PLUG. DURA-COATED CAST IRON, DOUBLE-FLANGED HOUSING, AND EXTRA HEAVY DUTY SCORIATED CAST IRON COVER WITH LIFTING DEVICE, VANDAL-PROOF SCREWS.

- NOTES:
- CONTRACTOR TO COORDINATE FINAL SELECTIONS OF ALL PLUMBING FIXTURES WITH OWNER PRIOR TO ORDERING.
 - NOT USED.

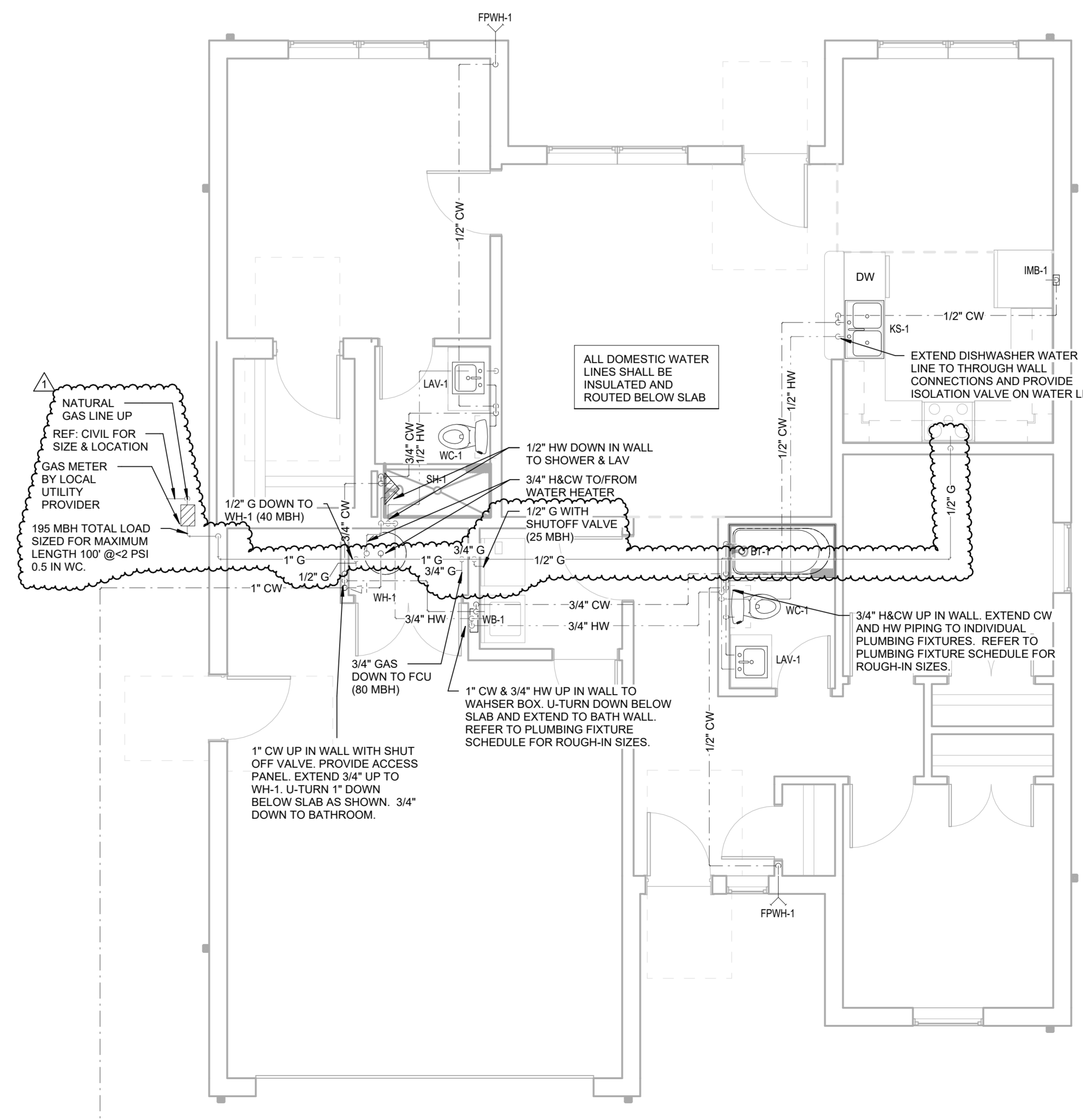
GAS WATER HEATER SCHEDULE

MARK	SERVICE	MANUFACTURER & MODEL	TANK VOLUME	MBH	RECOVERY GPH @ 90 RISE	VOLTAGE	FREQUENCY	PHASE	WEIGHT	NOTES
WH-1	HOT WATER	AM STD EN50H-6.	50.0 gal	4,500	21	120 V	60 Hz	1	150 lb	1,3,4,5

- NOTES:
- WH-1 GAS WATER HEATER INSTALL PER MANUFACTURES RECOMENDATIONS. PROVIDE ALL CODE REQUIRED SAFETY DEVICES.
 - PROVIDE CIRCULATION PUMP AS REQUIRED PER CODE.
 - PROVIDE OVERFLOW PAN GATEY MODEL 34173.
 - PROVIDE EXPANSION TANK, EACH SIZED PERMANUFACTURE'S RECOMMENDATION.
 - ROUTE PRESSURE RELIEF TO NEAREST FLOOR DRAIN WITH CODE APPROVED AIR GAP.



1 FIRST FLOOR SANITARY PLAN 1/4" = 1'-0"



2 FIRST FLOOR DOMESTIC WATER PLAN 1/4" = 1'-0"



CHEROKEE NATION TAHLEQUAH HOUSING DEVELOPMENT - TYPE 4
P101
 TYPE 4 PLUMBING PLANS



BLUE RIVER PROJECT NUMBER: **20220104**
 ISSUE DATE: **08/18/2022**
 ISSUE: **CONSTRUCTION DOCUMENTS**
 OTHER ISSUE DATES: NO. DESCRIPTION DATE
 1 ASH1 03/01/2023

SHEET NAME:
TYPE 4 PLUMBING PLANS

SHEET NUMBER:
P101