# PLUMBING FIXTURE SCHEDULE

- TANK WATER CLOSET (HANDICAPPED): AMERICAN STANDARD 2467.016, FLUSH TANK WITH TRIP LEVER ON OPEN SIDE OF TOILET. FLOOR MOUNTED. STANDARD WHITE FINISHED, ELONGATED FRONT BOWL, PRESSURE ASSISTED 1.6 GPF, RIM 16 1/2" A.F.F. AM. STD 4142.600 TANK COVER LOCKING DEVICE AM. STD. 5901.100.020 OPEN FRONT SEAT LESS COVER.
- LAVATORY: ZURN MODEL Z5344, 20"x18" WALL HUNG LAVATORY, VITREOUS CHINA, WITH 4" CENTER FAUCET HOLES & ZURN Z-1231 CONCEALED ARM CARRIER. FAUCET: TOTO TEL101 -D10ET STANDARD ECOPOWER FAUCET. SENSOR, 1.0 GPM, 0.18gpc. 4" COVER PLATE #THP3158#CP. THERMOSTIC MIXING VALVE: TOTO TLT10R.

PROVIDED & INSTALLED BY CONTRACTOR CONTACT CHRISTINE MCALEXANDER 800-459-7099 PANDARG@HJCINC.COM

FLOOR DRAIN: ZURN # ZB415-B5 CAST IRON DRAIN WITH 5" ROUND POLISHED BRONZE TOP, MEMBRANE FLASHING CLAMP. PROVIDE 3" OUTLET WITH P-TRAP. CLEAN AND POLISH AFTER INSTALLATION, REFER TO DETAIL 17/P-500, PROVIDE TRAP PRIMER

FLOOR DRAIN: ZURN # ZB415-B5 CAST IRON DRAIN WITH 5" ROUND POLISHED BRONZE TOP, MEMBRANE FLASHING CLAMP. PROVIDE 3" OUTLET WITH P-TRAP. CLEAN AND POLISH AFTER INSTALLATION. REFER TO DETAIL 9/P-500. PROVIDE TRAP PRIMER

FLOOR SINK: ZURN # Z1902-31, RECEPTOR WITH 12" SQUARE TOP x 10" DEEP CAST IRON BODY WITH ACID-RESISTING ENAMEL INTERIOR. RECEPTOR PROVIDED WITH STAINLESS STEEL MESH LINER FOR BUCKET WITHOUT GRATE.

FLOOR SINK: ZURN # Z1902-2-32, RECEPTOR WITH 12" SQUARE TOP x 10" DEEP CAST IRON BODY WITH ACID-RESISTING ENAMEL INTERIOR. RECEPTOR PROVIDED WITH PORCELAIN ENAMEL LOOSE-SET 1/2 GRATE AND ALUMINUM DOME STRAINER

FLOOR DRAIN WITH FUNNEL: ZURN # ZB415-AR-4 ACID RESISTING EPOXY COATED CAST IRON DRAIN WITH 5" ROUND POLISHED BRONZE TOP, 4" FUNNEL, PROVIDE 2" OUTLET WITH P-TRAP. CLEAN AND POLISH AFTER INSTALLATION. REFER TO DETAIL. PROVIDE TRAP PRIMER

GREASE INTERCEPTOR: JENSEN JP1000EE-G, 1000 GALLONS, 4" INLET AND OUTLET. TRAFFIC COVER. REFER TO CIVIL DRAWINGS FOR LOCATION. THE DESIGN OF THE GREASE INTERCEPTOR SHALL BE APPROVED BY LOCAL CITY REQUIREMENT.

PROVIDE ZURN 375ST STAINLESS STEEL REDUCED PRESSURE PRINCIPLE ASSEMBLY AT BAG-N-BOX. REFER TO 15/P-500

HOSE BIBB: ACORN #8121 WITH VACUUM BREAKER, CHROME PLATED.

HOSE BIBB: WOODFORD MB65 FREEZELESS COMMERCIAL CONCEALED BOX TYPE WALL HYDRANT IN SECURE LOCK STYLE MODULAR BOX. SINGLE CHECK ANTI SIPHON VACUUM BREAKER. CHROME HEAD, BRASS VALVE BODY HYDRANT WITH 3/4" HOSE CONNECTION 18" A.F.F.

LAWN HYDRANT: WOODFORD Y95 ANTI-SIPHON, AUTOMATIC DRAINING, FREEZELESS, WITH LOCKING COVER. INSTALLED FLUSH WITH SURROUNDING AREA

TRENCH DRAIN: ZURN #Z-886-RFS, 6" WIDE x 80" LONG, TRENCH DRAIN SYSTEM. MODULAR CHANNEL SECTIONS SHALL BE MADE OF HIGH DENSITY POLYETHYLENE WITH INTERLOCK ENDS. A RADIUS BOTTOM AND REINFORCED STAINLESS STEEL

SYSTEM. 24" TOTAL LENGTH. PROVIDE (ONE) BOTTOM OUTLET MODULE AND (ONE) EXTENSION MODULE WITH INTERLOCK ENDS, STAINLESS STEEL SLOTTED HEEL-PROOF

TRENCH DRAIN: ZURN #Z-664-ZN, 6" WIDE X 12" LONG SECTION, TRENCH DRAIN

PROVIDE WATTS SD-3 DUAL CHECK VALVE WITH ATMOSPHERIC PORT AND STRAINER AFTER EACH BV.

FREEZE PROOF ROOF HYDRANT: WOOFORD MODEL: SRH-MS

MOP SINK: GSW # SE2424FM 24"x24" STAINLESS STEEL UNIT, 18 GA. STAINLESS STEEL. CHICAGO FAUCET #897 WITH INTEGRAL STOPS IN SHANKS, WALL BRACE, HOSE THREADS, PAIL HOOK, VACUUM BREAKER; ROUGH BRASS FINISH; THREE FOOT RUBBER HOSE; 3" TRAPPED AND VENTED WASTE CONNECTION. PROVIDE 3/4" HW & CW RI 8" OC, 36" A.F.F. PROVIDE 3/4" CW HOSE BIBB, ACORN #8121 W/ VACUUM BREAKER, 48" A.F.F. FOR CHEMICAL CONNECTION.

TANKLESS GAS WATER HEATER SYSTEM. MFG: RINNAI TRX-02CU (2 CU199i), 398,000 BTU/HR GAS INPUT. 7.6 GPM @ 100° RISE. SEE PIPING DIAGRAM ON SHEET P-400 INCLUDE ALL PIPING, VENTING, WALL MOUNTING BRACKET AND ANY ACCESSORIES NECESSARY TO COMPLETE SYSTEM INSTALL. PLUMBER SHALL REGISTER PRODUCT WITH RINNALAT TIME OF INSTALLATION TO VALIDATE WARRANTY. CONTACT: RICO VIGLIETTI, RINNAI AMERICA CORPORATION CORPORATE ACCOUNTS MANAGER (901 440-7389) JVIGLIETTI@RINNAI.US

HW CIRC. PUMP - MFG: GRUNDFOS, UP 15-18B5, 1/25 HP, 115 VOLT, 2 GPM @ 7' HEAD OR APPROVED EQUIVALENT.

RD - ROOF DRAIN:

J.R. SMITH #1010 CAST IRON ROOF DRAINS WITH FLASHING COLLAR AND CAST IRON DOME. FURNISH EXTENSION (SUFFIX-E) FOR INSULATED ROOFS. SUMP RECEIVER (SUFFIX-R) AND UNDER-DECK CLAMP (SUFFIX-C) FOR ALL BUT POURED-IN-PLACE INSTALLATIONS. OUTLET CONNECTION TYPE SHALL BE COMPATIBLE WITH PIPING SYSTEM. PLUMBER TO PROVIDE AND INSTALL HEAT TAPE, RADIANT SOLUTIONS #JHSF-30-1 ON BOTH DRAINS IN COLD CLIMATES.

OD - OVERFLOW ROOF DRAIN: J.R. SMITH #1070 WITH SAME FEATURES AS DESCRIBED FOR "ROOF DRAINS". STANDPIPES SHALL BE ADJUSTED AND SECURED SO THAT AFTER THE INSTALLATION OF THE DRAIN ASSEMBLY, THE TOP OF THE STANDPIPE SHALL BE (2") ABOVE THE ADJACENT ROOF SURFACE.

FAUCET FOR CHEM: T&S BRASS MODEL #B-0669-POL. PROVIDED BY G.C.

# FIXTURE BRANCH SCHEDULE

FIXTURE	COLD WATER	HOT WATER	WASTE	VENT
WATER CLOSET (HANDICAPPED)	1/2"		4"	2"
LAVATORY	1/2"	1/2"	2"	1 1/2"
2 AND 3 - COMP SINK	1/2"	1/2"	3"	2"
HAND SINK	1/2"	1/2"	2"	1 1/2"
MOP SINK (J.S.)	1/2"	1/2"	3"	2"
EQUIPMENT	1/2"			
FLOOR DRAIN/SINK			2" OR 3"	2"

## KITCHEN EQUIPMENT SCHEDULE

ITEMS IN THIS SCHEDULE ARE FURNISHED BY THE OWNER (U.N.O.) AND INSTALLED BY THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE AND CONNECTED TO THE PLUMBING UTILITIES BY THE PLUMBING CONTRACTOR, WHO SHALL INSTALL ALL PLUMBING DEVICES FURNISHED WITH EQUIPMENT.

WASTE, FS = FLOOR SINK, CFD = CONDENSATE FLOOR DRAIN, VB = VACUUM BREAKER. FLEX = A SIX FOOT COILED LENGTH OF FOOD QUALITY FLEXIBLE REINFORCED PLASTIC TUBING CONNECTED FROM THE ROUGH IN TO THE EQUIPMENT WITH ALL REQUIRED ADAPTERS AND HOSE CLAMPS.

ALL PIPES MUST MAINTAIN A MINIMUM CLEARANCE OF 6" AFF AND MUST BE WELL SUPPORTED NO FLOOR SUPPORTS ALLOWED.

- SERVING COUNTER MOUNTED SODA MACHINE: IF PROVIDED, SODA MACHINE INSTALLER TO PROVIDE DRAIN LINES FROM ICE BIN AND SODA MACHINE TO FS WITH 1" AIR GAP, DRAIN LINE TO BE INSULATED, WATER TO SODA MACHINE TO BE PROVIDED THROUGH BUNDLE FROM FILTER AND RACK IN KITCHEN BY SODA MACHINE
- BEVERAGE COUNTER MOUNTED SODA MACHINE WITH ICE MACHINE: PROVIDE ¾" COPPER PIPE IW FROM COUNTER TROUGH DRAIN TO FS WITH 1" AIR GAP, INSULATE. WATER TO SODA MACHINE TO BE PROVIDED THROUGH BUNDLE FROM FILTER AND RACK IN KITCHEN BY SODA MACHINE INSTALLER. NO LEGS TO BE INSTALLED. MACHINE TO SET DIRECTLY ON COUNTER.
- WATER FILTER: PROVIDE ½" CW AT 96" AFF WITH BV. PROVIDE FLEX AND REDUCED PRESSURE STAINLESS STEEL BACKFLOW PREVENTOR, OR OTHER DEVICE AS REQUIRED BY LOCAL CODE. INSTALL OWNER PROVIDED WATER FILTER AND MAKE CONNECTIONS TO BACKFLOW PREVENTOR AND WATER SUPPLY. PROVIDE ALL REQUIRED FITTINGS TO ALLOW SODA MACHINE INSTALLER TO HOOK UP BOOSTER PUMP TO WATER FILTER. REFER TO DETAIL 15/P-500.
- 6B) 22"D REAR COUNTER WITH HAND SINK, PROVIDE ½" CW AND ½" HW AT 24" AFF AND 8" OC WITH CHROME-PLATED, 1/4 TURN BALL VALVES. CONNECT TO OWNER SUPPLIED FAUCETS WITH METAL FLEX PROVIDE 2" DRAIN PIPE WITH 'P' TRAP AND WALL MOUNTED CLEAN-OUT. ALL EXPOSED DRAIN PIPES AND FITTINGS TO BE CHROME PLATED, NOT P.V.C.
- 9D ICE TEA MAKER: PROVIDE ½" CW @ 24" A.F.F. PROVIDE ALL REQUIRED FITTINGS TO ALLOW ICE TEA INSTALLER TO HOOK UP ONE BY, OTHER BY FOR OTHER EQUIPMENT
- SODA MACHINE MOUNTED ICE MACHINE. PROVIDE 1/2" CW AT 24" A.F.F. WITH BV. PROVIDE ALL REQUIRED FITTINGS TO ALLOW ICE MACHINE INSTALLER TO HOOK UP ICE MACHINE TO CW.
- CHINESE RANGE: PROVIDE ½" CW AT 10" AFF WITH BV. PROVIDE PRESSURE TYPE VB OR OTHER BACKFLOW DEVICE AS REQUIRED BY LOCAL CODE, AND CONNECT TO OWNER SUPPLIED FAUCETS. PROVIDE 2" COPPER PIPE IW TO FS WITH 2" AIR GAP. PROVIDE 11/2" GAS SUPPLY AT 9" AFF WITH EASILY ACCESSIBLE SHUT-OFF VALVE. INSTALL OWNER SUPPLIED GAS REGULATOR AND ADJUST GAS LEVEL TO BURNERS.
- CHINESE RANGE: PROVIDE ½" CW AT 10" AFF WITH BV. PROVIDE PRESSURE TYPE VB OR OTHER BACKFLOW DEVICE AS REQUIRED BY LOCAL CODE, AND CONNECT TO OWNER SUPPLIED FAUCETS. PROVIDE 2" COPPER PIPE IW TO FS WITH 2" AIR GAP. PROVIDE 1" GAS SUPPLY DOWN TO 9" AFF REDUCE TO 3/4" AT EQUIPMENT CONNECTION WITH EASILY ACCESSIBLE SHUT-OFF VALVE. INSTALL OWNER SUPPLIED GAS REGULATOR AND ADJUST GAS LEVEL TO BURNERS.
- CHINESE RANGE-AUTO WOK: PROVIDE ½" CW AT 10" AFF WITH BV. INSTALL OWNER SUPPLIED GAS REGULATOR AND ADJUST GAS LEVEL TO BURNERS. CONTRACTOR TO PROVIDE AND INSTALL THE FOLLOWING:

BACKFLOW DEVICE PER LOCAL CODE WATER FAUCET (FISHER 36161) CMI LEAD FREE BRASS BALL VALVE

STREAMLINE COPPER-IRON TUBE 2" COPPER PIPE IW TO FS WITH 2" AIR GAP 1" GAS SUPPLY DOWN TO 9" AFF, REDUCE TO 3/4" AT EQUIPMENT CONNECTION WITH EASILY ACCESSIBLE SHUT-OFF VALVE.

FRYER: PROVIDE 1½" GAS SUPPLY DOWN TO 14" AFF THEN TRANSITION TO 1" WITH 90° ANGLE AND SHUT OFF VALVE. PROVIDE ALL REQUIRED FITTINGS AND INSTALL OWNER SUPPLIED QUICK DISCONNECT FLEXIBLE PIPE AND CONNECT TO UNITS WITH 90° ANGLE. SEE DETAIL ON P-500

GRIDDLE: PROVIDE 3/4" GAS SUPPLY DOWN TO 20" AFF WITH EASILY ACCESSIBLE SHUT-OFF VALVE. PROVIDE ALL REQUIRED FITTINGS. CONNECT TO UNIT WITH OWNER SUPPLIED QUICK DISCONNECT (3/4"x48", (1) SWIVEL KIT)

RICE COOKER: PROVIDE  $\frac{1}{2}$ " GAS SUPPLY AT 30", AND  $\frac{1}{2}$ " GAS SUPPLY AT 10" AFF WITH SHUT OFF VALVES, ONE FOR EACH UNIT. PROVIDE ALL REQUIRED FITTINGS AND INSTALL OWNER SUPPLIED QUICK DISCONNECT FLEXIBLE PIPE AND CONNECT TO

WALK-IN COOLER: PROVIDE 1" FLOOR DRAIN WITH 'P' TRAP AN WITH 1" HOLD-OFF SUPPORTS.

WALK-IN FREEZER: PROVIDE 1" FLOOR DRAIN WITH 'P' TRAP AND WITH 1" HOLD-OFF SUPPORTS. PROVIDE HEAT TRACE REFER TO ELECTRICAL

POT SINK: PROVIDE  $\frac{1}{2}$ " CW AND  $\frac{1}{2}$ " HW AT 14" AFF AND 8" OC WITH BVS & CV. CONNECT TO OWNER SUPPLIED FAUCET WITH COPPER PIPING. PROVIDE 1-1/2" COPPER PIPE IW TO FS WITH 2" AIR GAP, OR, IF REQUIRED BY LOCAL CODE, INSTALL 2" COPPER PIPE DIRECTLY TO SEWER SYSTEM. INSTALL OWNER SUPPLIED LEVER DRAIN STOPS. SEE DETAIL ON SHEET P-500.

THAWING CABINET: 1-DOOR, STAINLESS STEEL GRIDS, 177GAL (670LT), 28 - 50°F FULLY PRESSED BOTTOM PLATE AND ROUNDED CORNERS; IT IS SUPPLIED WITH 15 AISI 304 GRIDS 2/1 AND THE RACK SUPPORT CAN BE REMOVED WITHOUT TOOLS. THE 3 FACTORY PRESET AND 1 FREE PROGRAMS. BUILT-IN REFRIGERATION UNIT WITH R134A GAS IN REFRIGERATION CIRCUIT. MEETS HACCP REQUIREMENTS. DELIVERED

SINGLE BOWL PREP SINK: PROVIDE 1/2" CW AND 1/2" HW AT 14" AFF AND 8" OC WITH BVS. CONNECT TO OWNER SUPPLIED FAUCETS WITH COPPER PIPING. PROVIDE 2" 41B) BVS. CUNINECT TO OWNER SOLITED TROOP TO THE STATE OF 2" COPPER PIPE IW TO FS WITH Z AIR OAL, OR, II RESCRIBE TO SEVER SYSTEM. INSTALL OWNER SUPPLIED LEVER DRAIN STOPS.

HAND SINK, PROVIDE ½" CW AND ½" HW AT 24" AFF AND 8" OC WITH CHROME-PLATED, 1/4 TURN BALL VALVES. CONNECT TO OWNER SUPPLIED FAUCETS WITH METAL FLEX PIPING. PROVIDE 2" DRAIN PIPE WITH 'P' TRAP AND WALL MOUNTED CLEAN-OUT. ALL EXPOSED DRAIN PIPES AND FITTINGS TO BE CHROME PLATED, NOT P.V.C.

POT WASHER: HOBART PW10SER ADVANSYS VENTLESS POT/ PAN/ UTENSIL WASHER W/ BOOSTER HEATER. INTERNAL CONDENSING SYSTEM. VENTLESS ENERGY RECOVERY SYSTEM. HOOD NOT REQUIRED. PROVIDE (2) BRASS HOSE BIB @20" AFF. HOT WATER HB WITH RED HANDLE. COLD WATER HB WITH BLUE HANDLE.

WATER SOFTENER: HOBART WS-40, COMPACT CABINET SOFTENER. PROVIDE ON (70D1) COLD WATER SIDE ONLY

FILTER AT WATER HEATER. ONEFLOW MODEL #OFTWH FILTER P5 SUPPLIED BY PANDA. PROVIDE TRANSITION FITTINGS AT INLET AND OUTLET OF FILTER. SEE DETAIL 5/P-400

### PLUMBING KEY NOTES

- SODA CONDUIT: PROVIDE 6" PVC CONDUIT BELOW FLOOR FROM THE SIDE OF SODA STORAGE RACK TO SODA DISPENSER PER DETAIL #4 ON SHEET P-500.
- CONDENSATE: ROUTE SHARED CONDENSATE LINE THROUGH WALK-IN COOLER. DO NOT RUN THROUGH WALK-IN FREEZER. PROVIDE 1" INSULATED CONDENSATE DRAIN PIPE FROM THE EVAPORATIVE COIL. DISCHARGE TO FLOOR SINK OR MOP SINK WITH AIR GAP OF TWICE PIPE DIAMETER. INSTALL AT MINIMUM 76" HEIGHT A.F.F. REFER TO DETAIL #2 ON SHEET P-500.
- PROVIDE TRAP PRIMER FOR FLOOR SINK. SEE DETAIL 17/P-500.
- RDL & ODL LINES DN. IN WALL. TERMINATE ODL THRU WALL AS CLOSE TO BOTTOM PLATE AS POSSIBLE, EXTEND 1/2" PAST ARCH FINISH, WATER PROOF SEAL ALL AROUND TERMINATE RDL & ODL WITH 4" PVC LAMB'S TONGUE NOZZLE, COLOR ANTIQUE BRONZE, ARKMANN MODEL #PDN-4. (IF AVAILABLE TIE RD TO STORM SEWER UNDERGROUND)
- COMBINATION WASTE/VENT
- LAV. TAILPIECE WITH TRAP PRIMER, RUN 1/2" CW BELOW FLOOR TO FLOOR DRAIN, SEE DETAIL #9 ON PLAN P-500.
- (AAV) STUDOR MINI-VENT AIR ADMITTANCE VALVE- INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

8. WYE	WITH CLEANOUT ON TOP.					
	FIXTURE	UNIT	SCHE	DULE		
ITEM	FIXTURE	QTY	WATER FU		SEWER FU	
I I E IVI	FIXTURE	QII	EACH	TOTAL	EACH	TOTAL
A	WATER CLOSET	2	5	10	4	8
B	LAVATORY	2	2	4	1	2
D XD1	FLOOR DRAIN 3" TRAP	4			5	20
(EXE1)	FLOOR SINK 3" TRAP	11	_	_	5	55
(P1)	MOP SINK	1	3	3	2	2
G	FLOOR DRAIN W/ FUNNEL 2" TRAP	2	_	_	3	6
	HOSE BIBB	4	4	16		_
MM1	TRENCH DRAIN 3" TRAP	2			5	10
4F	FILTER SYSTEM	1	1	1	FS	
(🗟	ICE TEA BREWER	2	1	2	FS	
(10J)	400 LB ICE MACHINE	2	1	2	FS	
20A	CHINESE RANGE	1	2	2	FS	
20Q 20R	CHINESE RANGE	2	2	4	FS	
40A 40B	POT SINK (3.COMP.)	1	4	4	FS	_
41B) 41C	PREP. SINK (1.COMP.)	2	4	8	FS	
45A 6B	HAND SINK (WALL MOUNT)	3	2	6	1	3
(40T)	THAWING CABINET	1	-	-	FS	
(70D)	POT WASHER	1	4	4	FS	_
	TOTAL			66		101

# FIXTURE UNIT SUMMARY

DOMESTIC WATER

SANITARY SEWER

1" COPPER PIPE IW FROM DRAIN PAN ON EACH UNIT TO	SERVICE REQUIREMENTS							
AND 1" AIR GAP. MOUNT ALL PIPES WITHIN WALK-IN BOX	SERVICE	SIZE MAIN	CAPACITY					
S.	DOMESTIC WATER	1-1/2 INCH	33 GP					
1" COPPER PIPE IW FROM DRAIN PAN ON EACH UNIT TO	SANITARY SEWER	4 INCH	101 F.U					
AND 1" AIR GAP. MOUNT ALL PIPES WITHIN WALK-IN BOX	FUEL GAS	3 INCH	2.726 CF					

FIRE PROTECTION

## WATER PIPE SIZING CHART (COLD WATER)

PIPE	GPM	VELOCITY FIXTURE UNITS FT/SEC F - TANK F -		FIXTUF				NTS	
SIZE	GFIVI			F - TANK		F - \	/ALVE		
1/2"	2.5	3.5	2	F.U. @	psi	6.0		F.U. @	psi
3/4"	6.6	4.4	8	F.U. @	psi			F.U. @	psi
1"	13.4	5.2	19	F.U. @	psi			F.U. @	psi
1-1/4"	23.3	5.9	37	F.U. @	psi		6	F.U. @	psi
1-1/2"	36.7	6.6	74	F.U. @	psi		23	F.U. @	psi
2"	76.4	7.9	254	F.U. @	psi	•	132	F.U. @	psi

TOTAL F.U.

101

GPM

DOMESTIC WATER BACKFLOW PREVENTER MODEL: "WILKINS"975XL SIZE 1-1/2" \*\* PRESSURE REGULATING VALVE MODEL: <u>N/A</u> SIZE <u>N/</u>A

## WATER PIPE SIZING CHART (HOT WATER)

PIPE	GPM	VELOCITY	FIXTUR			RE UNITS		
SIZE	GFW	FT/SEC		F - TANK			F - VA	LVE
1/2"	2.5	3.5	2	F.U. @	psi		F.U. @	psi
3/4"	6.6	4.4	8	F.U. @	psi		F.U. @	psi
1"	13.2	5.0	19	F.U. @	psi		F.U. @	psi
1-1/4"	19.0	5.0	37	F.U. @	psi	6	F.U. @	psi

# GREASE INTERCEPTOR CALCULATION

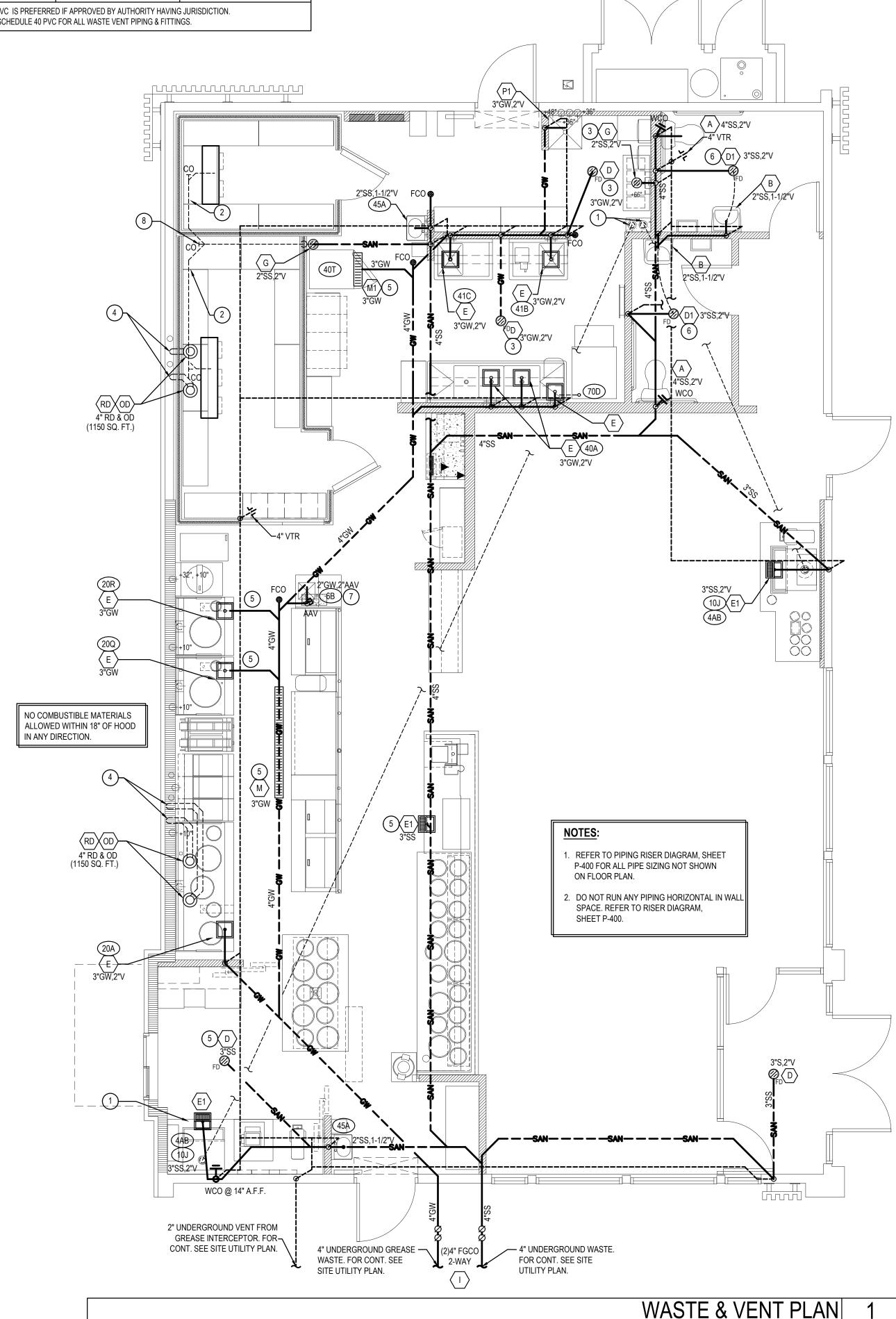
	FIXTURE	QTY.	FU	FU TOTAL
	FLOOR DRAIN/FLOOR SINK 3" TRAP	8	5	40
	TRENCH DRAIN 3" TRAP	1	5	5
	MOP SINK	1	2	2
	TOTAL			47 (24 GPM)

FIXTURE UNIT VALUE BASED ON IPC, SECTION 709

FLOW THROUGH TYPE GREASE INTERCEPTOR MINIMUM SIZE WILL BE 50 POUND GREASE CAPACITY PER IPC, TABLE 1003.34.1.

GRAVITY TYPE GREASE INTERCEPTOR SIZE BASED ON 24 GPM WITH 30 MINUTE RETENTION TIME (24\*30=720) TO BE SIZED AT 1000 GALLONS.

PIPE MATERIAL SCHEDULE							
SERVICE	UNDERGROUND	ABOVE GROUND					
COLD & HOT WATER	TYPE "K" OR "L" HARD DRAWN COPPER TUBE	PEX					
SANITARY WASTE	*SCH. 40 PVC	*SCH. 40 PVC					
SANITARY VENT	*SCH. 40 PVC	*SCH. 40 PVC					
GAS		BLACK STEEL, SCHEDULE 40					
INDIRECT DRAIN		ḤARD DRAWN ÇOPPER TUBE TYPE "M"					
*SCH. 40 PVC IS PREFERRED IF APPROVED BY AUTHORITY HAVING JURISDICTION. PROVIDE SCHEDULE 40 PVC FOR ALL WASTE VENT PIPING & FITTINGS.							





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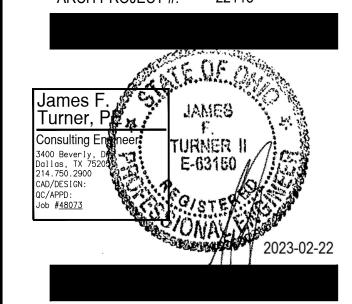
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ISSUE DATE: PERMIT SET

DRAWN BY:

PANDA PROJECT #: S8-23-D24404

PANDA STORE #: D24404 ARCH PROJECT #: 22115



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PANDA EXPRESS

LINCOLN WAY E.& 24TH ST MASSILLON, OH 44646

P-101

**WASTE & VENT PLAN** 

Scale:1/4"=1'-0" P-10'

PANDA HOME 2600 R4

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