

MECHANICAL EQUIPMENT SCHEDULE							
			ELECTRICAL			WEIGHT	
TAG	DESCRIPTION	INPUT	VOLTAGE	MCA	MOCP	POWER	1
		MBH	V-PH-F	AMP.	AMP.	HP/W	LBS.
DHW-1	NAVIEN NPE-24/02 WATER HEATER (GAS TANKLESS) RATED FOR 5.6 GPM @ 67F RISE AND THERMAL EFFICIENCY OF 995, PROVIDE LEAD FREE "PLUMB EASY VALVE SET". OG SHALL PURCHASE WATER HEATER DIRECTLY THROUGH A NAVIEN AUTHORIZED DISTRIBUTOR (1-800-519-8794) USING CHIPOTLE'S NEGOTIATED RATE	199	120/1/60				
NOTES							

A.D.

T.D.

N.F.W.H.

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P.R.V.

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842-3PNR - 3* CLEANOUT 842-4PNR - 4* CLEANOUT

PPROVED EQUAL)

1/2"Ø TO 2"Ø: SCREWED OR SOLDERED TYPE BALI VALVES, LEVER OPERATED. 2 1/2"Ø TO 8"Ø: GROOVED (VICTAULIC) OR FLANGE (LUGGED) TYPE BUTTERFLY VALVES, LEVER

OPENA I EU.

10'0 & UP. FLANGED (LUGGED) TYPE BUTTERFLY
VALVES, GEAR OPERATED.

MINIMUM RATING IS 150 P.S.J. IN LOW RISE
BUILDINGS AS PER A.S.T.M. B-62.

PLUMBING CONTRACTOR IS RESPONSIBLE TO PROTECT THE WATER DISTRIBUTION SYSTEM IN WATER HAMMER. ESTING THE WATER SUBSEQUENT TO STEM, THE PLUMBER SHALL DETRIBUTION AND LOCATIONS WHERE THERE IS A POTENTIAL FOR WATER HAMMER & INSTALL W. HAMMER ARPESTORS. MECHANICAL CONTRACTOR TO LABEL ALL STARTERS AND EQUIPMENT ON SITE WITH LAMACOIDS AS DESCRIBED IN THE IDENTIFICATION SCHEDULE.
 MECHANICAL CONTRACTOR TO COORDINATE ROOF OPENINGS AND ELECTRICAL REQUIREMENTS WITH RESPECTIVE CONTRACTORS.
 MECHANICAL CONTRACTOR TO SUPPLY AND INSTALL (MIN. 18" MAX. 24" HIGH.) ROOF CURBS FOR ALL ROOFTOP MECHANICAL EQUIPMENT.

		FIXTURE SCHEDULE					
SYMBOL	ITEM	BASE	NOTES	DHW	DCW	SAN	VENT
	WATER CLOSET FLOOR MOUNTED BARRIER FREE AND GENERAL USE	ION-LER K-3519 WATER CLOSET KOHLER K-4698-C OPEN PRONT SEAT WHITE HIGHLINE 10 GPF, 17-1197-HIGH, ADA ACCESSIBLE, PRESSURE ASSISTED WATER NISTALL TRIP LEVER OF THANK TO THE OPEN SIDE OF THE STALL (ADD -RA TO THE MODEL FOR RIGHT HAND TIRP LEVER!)	WATER USAGE 1.0 GPF PROVIDE FLOOR FLANGE IF REQUIRED.	-	X-	3"	1½"
L-1	LAVATORY WALL HUNG BARRIER-FREE C/W TEMPERATURE MIXING VALVE	KIDHER K-2084 ADA-ACCESSIBLE, WALL MOUNTED, PORCELAIN LAVATORY, PROVIDE ZURN Z1231 CONCEALED ARM CARRER IN WALL. COMPLETE WITH FAUCET AS PER ARCHECTURAL SPECIFICATION, DRAIN CONNECTION, SUPPLIES, AND P-TRAP.	WATER USAGE 0.5 GPM (1.9 LPM)	X.	X.	2"	1½*
L-2	LAVATORY WALL HUNG	KOHLER K-2008 ADA-ACCESSBILE, WALL MOUNTED, PORCELAIN LAVIATORY, PROVIDE ZURN Z1231 CONCEALED ARM CARRIER IN WALL COMPLETE WITH FAUCET AS PER ARCHECTURAL SPECIFICATION, DRAIN CONNECTION, SUPPLIES, AND P-TRAP.	WATER USAGE 0.5 GPM (1.9 LPM)	Ν.	χ.	2"	1½"
2	ALL BARRIER FREE ASS FOR ELECTRONIC FAUC	SUPPLIED COMPLETE WITH ALL NECESSARY ACCESSORIES FOR FULL FUNCTIONALITY. EMBLIES WITH ACCESS AND CLEARANCES AS PER LOCAL CODES AND REGULATIONS. ETS PROVIDE TRANSFORMERS ANDIOR POWER CONVERTERS AND THERMOSTATIC MIXIN INSTALLED ON A KITCHEN SINK WASTE AFTER THE TRAP AND SHALL BE READILY ACCESS		LIES CONN	NECTED.		

TAG	TYPE	SPEC.	SIZE	NOTES
AVB	ATMOSPHERIC VACUUM BREAKER		N N.	C/W QUARTER TURN ISOLATION VALVE AND LEAD FREE BRONZE Wye STRAINER
		ZURN 35XL-SLX	X* - 2"	C/W QUARTER TURN ISOLATION VALVE AND LEAD FREE BRONZE Wye STRAINER
PVB	PRESSURE VACUUM BREAKER	ZURN 720A	½" - 2"	C/W QUARTER TURN ISOLATION VALVE, QUICK CONNECT ADAPTERS AND LEAD FREE BRONZE Wye STRAINER
DUC	DUAL CHECK VALVE	ZURN 700XL	X" - 1X"	C/W THREADED INLET AND OUTLET CONNECTION, COMPRESSED CONNECTION ARE NOT ACCEPTABLE
DUCV	DUAL CHECK WITH INTERMEDIATE VENT	ZURN 760	N N.	C/W THREADED INLET AND OUTLET CONNECTION, COMPRESSED CONNECTION ARE NOT ACCEPTABLE
DCAPC	DUAL CHECK FOR CARBONATORS	ZURN 740	N N.	C/W THREADED INLET AND OUTLET CONNECTION, COMPRESSED CONNECTION ARE NOT ACCEPTABLE, AND STRAINER
DCV	DOUBLE CHECK VALVE BACKFLOW	ZURN 350XL	Y2" - 2"	C/W QUARTER TURN ISOLATION VALVE AND LEAD FREE BRONZE Wye STRAINER
		ZURN 350AST	2 ½" - 10"	C/W GATE ISOLATION VALVE WITH FLANGED END CONNECTION AND LEAD FREE EPOXY COATED Wye STRAINER
RP	REDUCED PRESSURE	ZURN 375XL	Y2" - 2"	C/W QUARTER TURN ISOLATION VALVE, AIR GAP CONNECTION AND LEAD FREE BRONZE Wye STRAINER
		ZURN 375AST	2 ½" - 10"	C/W QUARTER TURN ISOLATION VALVE, AIR GAP CONNECTION AND LEAD FREE BRONZE Wye STRAINER
		ZURN 975XL2	X" - %"	C/W QUARTER TURN ISOLATION VALVE, AIR GAP CONNECTION, TEST COCKS UP AND LEAD FREE BRONZE Was STRAINER





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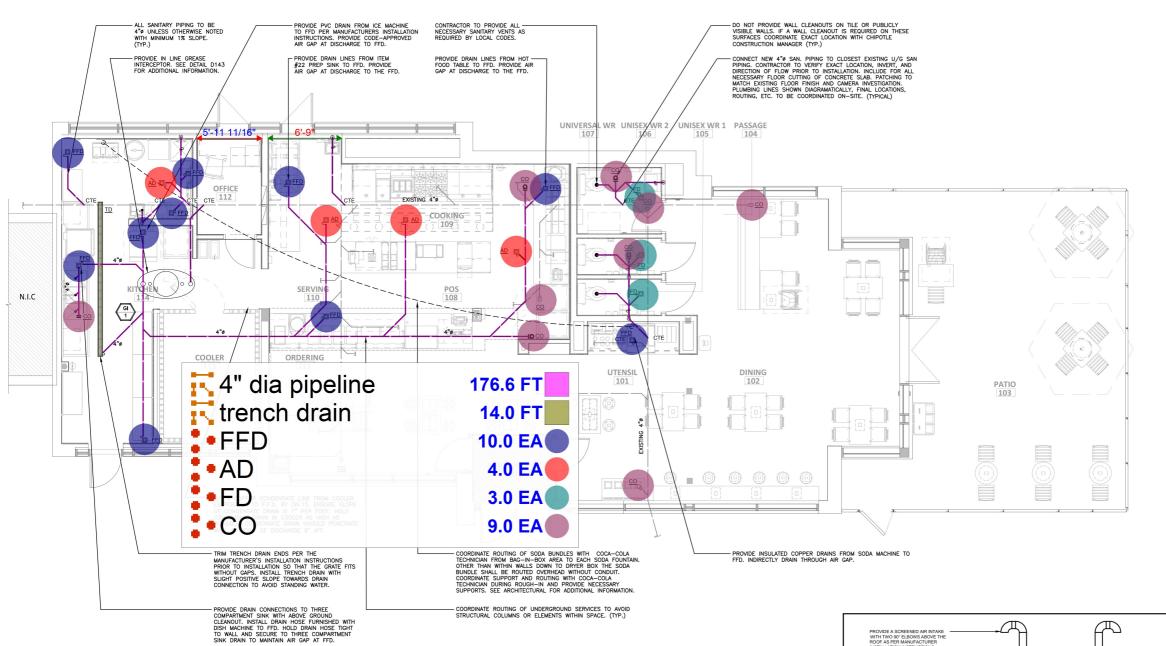
CHIPOTLE MEXICAN GRILL, INC. 610 NEWPORT CENTER DR. SUITE 1 NEWPORT BEACH, CA, 92660 TELEPHONE: 714.264.7392

STORE NO.: 52-4980 19489 SETON CRESCENT SE #448, CALGARY, AB, T3M 1T4

Rev	Date	Description	Ву
-	07/12/23	ISSUED FOR PERMIT	VY
-	09/19/23	ISSUED FOR TENDER	VY
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23-22	22	1/4" = 1'-0"	

P100

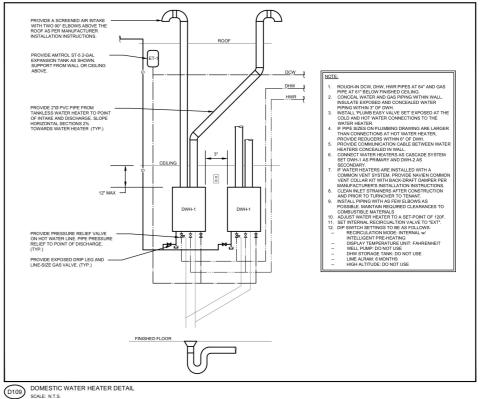
AND SCHEDULES



	INSULATION SCHEDULE
ITEM	INSTRUCTIONS
DOMESTIC COLD WATER PIPING, VALVES FITTINGS ETC.	USE DUAL TEMPERATURE FROID GLASS FIRSE INSULATION WITH FIRE RESISTANT VAPOUR BARRIER, JACKET WHITE. USE FIREPROFO PAHENER AT ALL JOINTS BUT JOINTS SHALL BE WRAPPED WITH WHITE I'W MDE VAPOUR BARRIER STRIPS SAME MATERIAL AS JACKET. INSULATION THICKNESS SHALL BE 1'. THE INSULATION SHALL PASS UNBROKEN FINEOUGH ALL PIPE SLEWE'S ULWES NOTED OTHERWISE. WATER METER INSULATION TO BE DOUBLE THE THICKNESS. SEAL ALL LONGITUDINAL AND CIRCUMFERENTIAL JOINTS WITH JOHNSUL REPORT OF THE INSULATION DEFAIL.
DOMESTIC HOT WATER PIPING, HOT WATER RECIRCULATION.	USE DUAL TEMPERATURE RIGIO GLASS FIBRE INSULATION USE FIREPROP ADHESIVE AT ALL JOINTS BUTT JOINTS SHALL BE WRAPPED WITH WHITE IF WIDE VAPOUR BARRIER STRIPS SAME MATERIAL AS JACKET. THE INSULATION THICKNESS SHALL BE 1° EXCEPT FOR PIPMG 1° JOIA AND LARGER SHALL BE 1° THICK THE INSULATION SHALL PASS UNBROKEN THROUGH ALL PIPE SLEEVES. SEAL ALL LONGITUDINAL AND CIRCUMFERSTHAL JOINTS WITH ADHESIVE.
REFRIGERANT PIPING	ALL REFRIGERANT PIPING INSIDE OF BUILDING SHALL BE 1" THICK CLOSED CELL INSULATION TYPE ARMAFILEX OR EQUAL. ALK REFRIGERANT PIPING EXPOSED TO THE OUTDOORS SHALL BE COMPLETE WITH EMBOSSED / ALUMINUM JACKET.
VENT PIPING AT ROOF	USE DUAL TEMPERATURE RIGID GLASS FIBRE INSULATION WITH FIRE RESISTANT VAPOUR BARRIER JACKET FOR 12º BELOW FINISHED ROOF. USE FIREPROOF ADHESIVE AT ALL JOINTS. INSULATION THICKNESS TO BE 11°.
CONDENSER WATER PIPING	USE 1" THICK DUAL TEMPERATURE GLASS FIBRE INSULATION WITH FIRE RESISTANT VAPOUR BARRIER JACKET. THE INSULATION SHALL PASS INBROKEN THROUGH ALL PIPE SLEEVES, (USE SCH 40 PIPE SLEEVES AT ALL PENETRATIONS) SEAL ALL CONSTIDUING AND CIRCUMFERENTIAL JOINTS WITH ADHESINE COVER WITH PVC. JACKET AS OUTLINED IN NOTE 3. REFEIT OF IPE HANGER DETAIL INCREASE HANGER SIZE TO ACCOMMODATE THE INSULATION AND INSULATION SHELDS.
EXPOSED PIPING OUTDOORS (I.E. CHILLED WATER, HEATING WATER, CONDENSER WATER, DOMESTIC COLD WATER, STORM PIPING, ETC.)	USE 2" THICK DUAL TEMPERATURE GLASS FIBRE WITH FIBE RESISTANT VAPOUR BARRIER (ON OLD PIPHING) DO NOT USE PVC COVER, FINISH WITH STLOCK BIRDSSED AUMINIUM JACKET SECURED WITH POP RIVETS, USE ONLY PROPER FITTING COVERS, INCREASE HANGER SIZE TO ACCOMMODATE THE INSULATION AND INSULATION SHIELDS.
SPECIALITY ITEMS	INSILATE PUMP BODIES ON CHILLED WATER WITH 1°CLOSED CELL EQUIAL TO ARMAFIEX AND FINISH WITH WHITE PVC COVER. INSULATE VALVES AND CHILLED WATER FITTINGS WITH 1°CLOSED CELL AND FINISH WITH WHITE PVC COVER. INSULATE BUFFER TANK WITH 2° RIGID FIBER GLASS AND FINISH WITH WHITE PVC COVER.
BUFFER TANK	INSULATE BUFFER TANK WITH 2" RIGID INSULATION AND FINISH WITH WHITE PVC COVER.
NOTES:	
1 ALL INSULATING PRODUC	TTS ARE TO BE COUNT TO KNAUE ICON EIRERGLAS CANADA OR IOUNS MANVILLE. THE ARRIVATION IS TO

2 LISE WHITE TAPE WHERE TAPE IS REQUIRED ON INSULATION	
BE AS PER THE MANUFACTURER'S RECOMMENDATIONS. THE THERMAL INSULATION ASSOCIATION OF CANADA, AND AUTHORIT HAVING JURISDICTION INCLUDING ASHRAE 90.1	IES
1. ALL INSULATING PRODUCTS ARE TO BE EQUAL TO KNAUF, ICON, FIBERGLAS CANADA OR JOHNS-MANVILLE. THE APPLICATIO	

PIPE SCHEDULE					
SYMBOL	ITEM	DESCRIPTION			
	ABOVE FLOOR SANITARY DRAINS EXCEPT AS BELOW.	COPPER GRADE DWV IN SIZES 3" DIAMETER AND SMALLER. CAST IRON WITH MECHANICAL JOINTS IN LARGER SIZES, ALTERNATIVELY USE PIPING AND FITTINGS AND ASSOCIATED ADHESIVES TYPE IPEX "SYSTEM XFR PVC-DWV.			
	ABOVE FLOOR SANITARY DRAINS INSTALLED IN VERTICAL SHAFTS	COPPER GRADE DWV IN SIZES 3" DIAMETER AND SMALLER. CAST IRON WITH MECHANICAL JOINTS IN LARGER SIZES. NO PLASTIC PIPING ALLOWED.			
	BURIED SANITARY DRAIN	PVC OR ABS AS ACCEPTABLE TO GOVERNING AUTHORITIES AND AS PER THE PLUMBING CODE. SUSPEND PIPE FROM STRUCTURAL SLABS IN UNSTABLE SOI CONDITIONS USING E MYATT 316 STAINLESS STEEL CLEVIS HANGERS WITH 316 STAINLESS STEEL 58° DIAMETER RODS AT 3'-0° CENTRES MINIMUM.			
	- DOMESTIC COLD WATER	TYPE L COPPER WITH SOLDERED FITTINGS.			
	- DOMESTIC HOT WATER	TYPE L COPPER WITH SOLDERED FITTINGS.			
—	- HOT WATER RECIRCULATION	TYPE L COPPER WITH SOLDERED FITTINGS.			
G	NATURAL GAS LINE	ALL GAS PIPE FITTING SHALL BE "WARD MANUFACTURING CONTACT GEORGE STEVENS OR BRYAN GABIN AT TELEPHONE. ST:7-517-9319 OR 905-584-6475 SCHEDULE 4 OF STEEL SCREWED 2" DOWNETER AND SANLER, WELDED IN LANGERS SIZES. INSTITULATION AND DESTRICTANT AS PER ORS CODE LISE MEMB- C-PORT PIPE SUPPORTS MODEL OF WITH GALVANEED CHANNEL, AND CLAMP IF THE GAS LINE IS LOCATED ON THE ROOF, IF HIGH PRESSURE INSTALL A SEPARATE PRO VITE ROOF DESTRICT TO THE ROOF OF THE STATE ON UNITS PRIVAN SERVE MORE THAN ONE UNIT. PIPE THE INDOOR RELIEF TO THE OUTSIDE AND CLAMP SAME SECURELY PRIOR TO THE ROOF PRESTATION. KAPP ALL WELDS IN PROLOSED SHAPES SHAP AND PROPEDENT COMPANY AND SUBMIT REPORT.			
V	SANITARY VENT EXCEPT AS BELOW.	PIPING AND FITTINGS AND ASSOCIATED ADHESIVES TYPE IPEX 'SYSTEM XFR.			
V	SANITARY VENT INSTALLED IN VERTICAL SHAFT	COPPER GRADE DWV IN SIZES 3" DIAMETER AND SMALLER. CAST IRON WITH MECHANICAL JOINTS IN LARGER SIZES. NO PLASTIC PIPING ALLOWED.			
- COND -	CONDENSATE AND RELIEF PIPING	COPPER TYPE L WITH SOLDERED FITTINGS. ALTERNATIVELY USE PIPING AND FITTINGS AND ASSOCIATED ADHESIVES TYPE IPEX 'SYSTEM XFR PVC-DWV -EXCEPTION BOILER CONDENSATE DISCHARGE PIPING SHALL BE OF CPVC MATERIAL.			
- COND -	CONDENSATE AND RELIEF PIPING INSTALLED IN VERTICAL SHAFT	COPPER TYPE L WITH SOLDERED FITTINGS. NO PLASTIC PIPING ALLOWED.			
	COMBUSTIBLE PIPING PENETRATIONS	ALL COMBUSTIBLE PIPING PENETRATING THROUGH VERTICAL OR HORIZONTAL FIRE SEPARATIONS' SHALL COMPLY WITH OBC 3.1.9.4.(1) THROUGH (8) AND PROVIDE A FIRE STOP SYSTEM TESTED AND LISTED TO CANULC-S115M WITH A PRESSURE DIFFERENTIAL OF 50 PA.			
ES					
FSHORE PRODUC	CTS ARE NOT ACCEPTABLE UNLES	S PERMISSION IS PROVIDED BY INVIRO FOR EACH ITEM IN WRITING. THIS INCLUDES: PIPES , FITTINGS, SHEET METAL, FASTENERS, ETC.			
LL PIPING MATERIA	ALS AND INSTALLATION IS TO BE A	S PER AUTHORITIES HAVING JURISDICTION AND APPLICABLE CODE.			
	PPORTED USING CLEVIS HANGERS URAL STEEL OR CONCRETE, NO	AND CLAMPS WITH SPACING AS RECOMMENDED BY THE MANUFACTURER OR AS DICTATED BY THE CODE WHICH EVER IS THE MOST STRINGENT. SUSPEND T FROM STEEL ROOF DECK.			
OMESTIC HOT, CO	LD AND RE-CIRCULATION PIPING IS	S TO BE AS PER CANICSA-B84-10.			
EFER TO THE INSU	JLATION SCHEDULE FOR PIPE COV	ERING.			
LL PIPING IS TO BE	STRAIGHT PARALLEL AND PERPE	NDICULAR TO THE BUILDING STRUCTURE. SLOPE ALL PIPING TO DRAIN POINTS.			
LOW FOR ADEQU	ATE EXPANSION/CONTRACTION OF	NALL PIPING. CONSULT PIPE SYSTEM MANUFACTURER FOR SPECIFIC DETAILS REGARDING APPROVED COMPENSATION METHODS.			
ROVIDE EXPANSIO	IN LOOPS AND ANCHORS ON GAS F	PIPING ON ROOF EVERY 100FT AS PER CGA/CSA B149.			
OMBUSTIBLE PIPIN	NG AND TUBING PRODUCTS ARE N	OT PERMITTED IN A VERTICAL SHAFT AS PER OBC 3.1.9.4.(4) & (6).			



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19489 SETON CRESCENT SE #448, CALGARY, AB, T3M 1T4 STORE NO.: 52-4980

REVISION SCHEDULE

V Date Description

07/12/23 ISSUED FOR PERMIT 09/19/23 ISSUED FOR TENDER VY 1/4" = 1'-0" 23-222 PLUMBING PLAN

P110

WASTE