PLUMBING DRAIN SCHEDULE

DRAIN NUMBER	DESCRIPTION	LOCATION / TASK	REQUIREMENTS	BASIS OF DESIGN
FD-1 w/TP	FLOOR DRAIN	FINISHED AREAS WITH PUBLIC AND STAFF ACCESSIBILITY	FLOOR DRAIN CAST IRON BODY BOTTOM OUTLET MEDIUM DUTY 8 INCH MINIMUM DIAMETER POLISHED NICKEL BRONZE TYPE "B" STRAINER WITH TRAP PRIMER.	ZURN MODEL Z-415
FD-2 w/TP	FLOOR DRAIN	CONCEALED AREAS MECHANICAL ROOMS	FLOOR DRAIN CAST IRON BODY BOTTOM OUTLET HEAVY DUTY, VANDAL PROOF 9 INCH DIAMETER ROUND CAST IRON STRAINER TRAP PRIMER.	ZURN MODEL Z-508
FS-1	FLOOR SINK	BELOW KITCHEN SINK TO SERVE GREASE INTERCEPTOR	THREE (3") PIPE SIZE, 12x12x6 FLOOR SINK (FLOOR RECEPTOR) IRON BODY BOTTOM & SQUARE, WHITE ACID RESISTANT BODY, NO HUB CAST-IRON FITTING, LIGHT-DUTY GRATE WITH 1/2 SLOTTED OPENINGS & HALF GRATE WITH VANDAL-PROOF STRAINER.	ZURN MODEL Z-1900
FS-2	FLOOR SINK	BELOW KITCHEN SINK TO SERVE DISCHARGE FROM DISH WASHER	FOUR (4") PIPE SIZE, 12x12x6 FLOOR SINK (FLOOR RECEPTOR) IRON BODY BOTTOM & SQUARE, WHITE ACID RESISTANT BODY, NO HUB CAST-IRON FITTING & LIGHT-DUTY GRATE WITH 1/2 SLOTTED OPENINGS.	ZURN MODEL Z-1900
TD-1	TRENCH DRAIN	APPARATUS AREA	HEAVEY-DUTY GALVANIZED STEEL EDGE RAIL CHANNEL SYSTEM WITH 461 DUCTILE IRON GRATE. GRATING TO BE SECURED WITH "QUICKLOK" LOCKING, 5.12" OVERALL WIDTH. PRE-SLOPED TRENCH DRAIN INTERLOCKING ENDS & 4"NH BOTTOM OUTLET WITH DOME STRAINER. LENGTH OF DRAIN PER DRAWINGS.	ACO-K-TEK 461 GRATE
SD	SHOWER DRAIN	SHOWER STALLS	FLOOR DRAIN CAST IRON BODY BOTTOM OUTLET MEDIUM DUTY, 6 INCH DIAMETER POLISHED NICKEL BRONZE TYPE "B" STRAINER.	ZURN MODEL Z-100

LISTED MANUFACTURERS ARE BASIS OF DESIGN, REFER TO SPECIFICATIONS FOR ADDITIONAL APPROVED MANUFACTURERS AND SPECIFICATION INFORMATION.

THERMOSTATIC MIXING VALVE SCHEDULE

PLAN MARK	MANUFACTURER	MODEL	GPM	INLET CW	INLET HW	OUTLET	MOUNTING	REMARKS
TMV1	BRADLEY	S59-2080	8*-85	1"	1"	1-1/4"	WALL	WALL MOUNTED WITH UNION ENDS, INLET CHECK VALVES, TEST CONNECTION, REMOVABLE STRAINER, CHROME PLATED. SET TO 110 F DEGREES. ASSE 1016,1070 (MULTIPLE FAUCETS)
TMV2	HAWS	9201EFE	*.12	1/2"	1/2"	3/4"	WALL	MOUNT MIXING VALVE ABOVE CEILING PER MANUFACTURER'S INSTRUCTIONS. SET TEMP. TO 85° F TO SERVE AN EMERGENCY EYEWASH.

DESIGN FLOWS BASED ON 5 PSI PRESSURE DROP MINIMUM.

* 0.5 GPM MINIMUM FLOW RATE CAN BE ACHIEVED WHEN PROPERLY INSTALLED WITH A RECIRCULATION SYSTEM AND RECIRCULATION PUMP AND PIPED PER MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.

NOTE: OTHER ACCEPTABLE MANUFACTURER'S SHALL BE: SYMMONS, POWERS, LEONARD, WILKINS, ZURN.
TMV-1 TO BE LOCATED IN VEHICLE STORAGE ROOM. TMV-2 TO BE LOCATED AS SHOWN ON PLAN.

GREASE & OIL INTERCEPTOR SCHEDULE

TAG	DESCRIPTION	SERVICE	MANUFACTURER / MODEL	WATER (GPM)	WATER CAPACITY	GREASE/OIL CAPACITY	INLET/OUTLET (INCH)	UNIT SIZE (L x W x HT)
GT1	POINT OF USE GREASE TRAP	KITCHEN	ZURN / 2700-25	25	50 LBS	50 LBS	3/3	26 x 20 x 17
OI1	OIL INTERCEPTOR WITH INTEGRAL STORAGE TANK	BAYS	ZURN / Z1188-ST	250	445 GAL	400 GAL	5/5	95.5 x 75.5 x 41

LISTED MANUFACTURER AND MODELS ARE BASIS OF DESIGN APPROVED EQUALS ACCEPTABLE.

GAS PRESSURE REGULATOR SPECIFICATIONS

TAG	MANUFACTURER MODEL	CFH CAPACITY	INLET PRESSURE	OUTLET PRESSURE	CONNECTION (INLET/OUTLET)	SPRING COLOR-RANGE-ORIFICE
GPR-1	ITRON B-34S R 1/2"X5/8"	UP TO 1500	2 P.S.I.G.	7 INCHES W.C.	2" / 2"	LT.GREEN-5.5 TO 8.0 INCHES W.C.-5/8"
GPR-2	ITRON B-34R 5/8"X3/4"	UP TO 1500	2 P.S.I.G.	11-14 INCHES W.C.	1-1/4" / 1-1/4"	SILVER TO 11-14.0 INCHES W.C.-3/4"

NOTES:
- REGULATORS ARE FULL CAPACITY INTERNAL RELIEF TYPE IN COMPLIANCE WITH DOT/OPS CODE, PART 192 SECTION 192.197
- REGULATORS TO BE INSTALLED WITH RELIEF VENT IN POSITION TO PREVENT ENTRANCE OF WATER (PROVIDE SCREENED VENT ELBOW AS REQUIRED). VENT OPENING TO BE LOCATED 12" MIN. ABOVE ROOF/GRADE LEVEL.

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07/26/2018

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PLUMBING - SCHEDULES

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