

WASTE & WATER SERVICE CALCULATIONS:

EQUIPMENT	WASTE		COLD		HOT		
	QTY	F.U.	TOT.	F.U.	TOT.	F.U.	
THREE COMPARTMENT SINK	1	-	2.25	2.25	2.25	2.25	INDIRECT TO FLOOR SINK
MOP SINK	1	2	2	2.25	2.25	2.25	
HAND SINK	2	1	2	0.5	1	0.5	1
EMERGENCY FLOOR DRAIN	2	-	-	-	-	-	
FLOOR DRAIN	-	5	-	-	-	-	
FLOOR SINK	8	5	40	-	-	-	
ICE MACHINE	1	-	-	0.5	0.5	-	INDIRECT TO FLOOR SINK
KITCHEN SINK	4	-	-	3	12	3	12
WATER CLOSET	2	4	8	5	10	-	
URINAL	-	4	-	5	-	-	
LAVATORY	2	1	2	1.5	3	1.5	3
ESPRESSO MACHINE	2	-	-	1	2	-	INDIRECT TO FLOOR SINK
COFFEE BREWER	1	-	-	1	1	-	
WAREWASHER	1	-	-	6	6	-	INDIRECT TO FLOOR SINK
BEVERAGE STATION	-	-	-	1	-	-	INDIRECT TO FLOOR SINK
KITCHEN SINK	2	-	-	3	6	-	INDIRECT TO FLOOR SINK
TOTAL			54		46		20.5

ELECTRIC WATER HEATER

TAG	11109
GALLON CAPACITY	50
VOLTAGE/PHASE	208/3
UPPER/LOWER WATTAGE	4500/4500
NO. OF ELEMENTS	2 (SIMULTANEOUS)
GPH RECOVERY @ 80°	45
MANUFACTURER	A.O. SMITH
MODEL	DEL-50

NEW EQUIPMENT & PLUMBING FIXTURE SCHEDULE

DESIGN ID	COUNT	DESCRIPTION	RESP.	SERVES	W	IW	V	CW	CSW	FW	HW	TW	COMMENTS
DRAIN													
10294	8	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB-GC	-	3"	-	2"	-	-	-	-	-	
10726	8	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB-GC	-	-	-	-	-	-	-	-	-	
X8000	2	FLOOR DRAIN - 6" ROUND	GC-GC	RESTROOMS	3"	-	2"	-	-	-	-	-	ZURN ZN415B
FAUCET													
10152	1	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT	SB-GC	10549	-	-	-	1/2"	-	-	1/2"	-	2.2GPM
10153	4	FAUCET - WATER TOWER - 12IN 305MM	SB-GC	19277, 18743, 12807	-	-	-	-	-	1/2"	-	-	
10215	3	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT	SB-GC	18743, 17565, 12807	-	-	-	1/2"	-	-	1/2"	-	2.2GPM
10447	1	FAUCET - PRE RINSE SPRAYER WALL MOUNTED	SB-GC	13264	-	-	-	-	-	-	1/2"	-	1.2GPM
10597	1	FAUCET - SINGLE HANDLE	SB-GC	17810	-	-	-	1/2"	-	-	-	1/2"	0.5GPM AERATOR
21352	2	FAUCET - SINGLE HANDLE - METERED MOTION SENSOR	SB-GC	10116	-	-	-	1/2"	-	-	-	1/2"	0.5GPM METERED
10804	1	FAUCET - PRE RINSE SWING SPOUT	SB-GC	13264	-	-	-	1/2"	-	-	1/2"	-	1.2GPM
10874	2	FAUCET - HOT WATER DISPENSER GOOSENECK	SB-GC	18743, 12807	-	-	-	-	-	1/2"	-	-	
15749	2	FAUCET - HOT WATER DISPENSER GOOSENECK	SB-GC	19277	-	-	-	-	-	1/2"	-	-	
10922	1	FAUCET - MOP SINK WALL MOUNTED	SB-GC	10995	-	-	-	1/2"	-	-	1/2"	-	
11003	3	FAUCET - DIPPERWELL	SB-GC	19277, 12807	-	-	-	1/2"	-	-	-	-	0.5GPM METERED
13588	1	FAUCET - HAND SINK WALL MOUNTED	SB-GC	14688	-	-	-	1/2"	-	-	-	1/2"	0.5GPM AERATOR
FILTER													
12501	1	FILTER - RO SYSTEM 600GPD	SB-GC	-	-	-	-	-	-	-	-	-	PENTAIR
12507	1	FILTER - RO SYSTEM 40GAL STORAGE TANK	SB-GC	-	-	-	-	-	-	-	-	-	PENTAIR
12896	1	FILTER - BRINE TANK	SB-GC	-	-	-	-	-	-	-	-	-	PENTAIR
12899	2	FILTER - POLY GLASS VESSEL	SB-GC	-	-	-	-	-	-	-	-	-	PENTAIR
13076	1	FILTER - PREFILTRATION SYSTEM	SB-GC	-	-	-	-	-	-	-	-	-	PENTAIR
13082	1	FILTER - WATER SOFTENER TWIN	SB-GC	-	-	-	-	-	-	-	-	-	PENTAIR
13149	1	FILTER - PRESSURE GAUGE	SB-GC	-	-	-	-	-	-	-	-	-	PENTAIR
OTHER													
11109	1	WATER HEATER 50GAL 190L ELECTRIC	GC-GC	-	-	3/4"	-	-	3/4"	-	1-1/2"	-	A.O. SMITH; MODEL NO.: DEL-50, 9 KW
SINK													
10116	2	SINK - RESTROOM WALL MOUNTED	SB-GC	21352	-	-	-	1/2"	-	-	-	-	
10549	1	SINK - RINSE DROP IN SST - 12X20IN 305X510MM	SB-GC	10152	-	-	-	-	-	-	-	-	
10995	1	SINK - MOP - 24X24IN 610X610MM	SB-GC	10922	3"	-	2"	-	-	-	-	-	
12807	1	SINK - UTENSIL RINSE WITH GRATE SST - LH - 14X20IN 355X510MM	SB-GC	10153, 10874, 10215, 11003	-	1 1/2"	-	-	-	-	-	-	ELKAY
13264	1	SINK - 3 COMP WORK SST - 93IN 2350MM	SB-GC	10447, 10804	-	2"	-	-	-	-	-	-	ELKAY
14688	1	SINK - HAND WALL MOUNTED WITH SIDE SPLASH SST	SB-GC	13588	2"	-	1 1/2"	-	-	-	-	-	
17565	1	SINK - RINSE WITH DRAINBOARD DROP IN - 15X27IN	SB-GC	10215, 17564	-	1 1/2"	-	-	-	-	-	-	
18743	1	PREP STATION SINK	SB-GC	18743, 19277, 10215	-	1-1/2"	1-1/2"	-	-	-	-	-	
19277	2	SINK - RINSE 26X9IN WITH INTEGRAL PITCHER RINSER	SB-GC	1153, 11003, 10874	-	1-1/2"	-	1/2"	-	-	-	-	
TOILET													
X8010	2	TOILET - TANK EFFICIENT SINGLE FLUSH; 1.0GPF	GC-GC	-	3"	-	2"	1/2"	-	-	-	-	KOHLER MODEL K-3519 FINISH: WHITE #0. REQUIRES SEPARATE SEAT MODEL K-4650; 1.0 GPF
EQUIPMENT													
10746	1	BREWER DUAL SOFT HEAT	SB-GC	-	-	-	-	-	-	1/2"	-	-	
15186	1	DISHWASHER SANITIZER	SB-GC	-	-	3/4"	-	-	1/2"	-	-	-	
17564	1	PITCHER RINSER	SB-GC	17565	-	-	-	1/2"	-	-	-	-	
19742	2	ESPRESSO MACHINE MASTRENA	SB-GC	-	-	5/8"	-	-	-	1/2"	-	-	
X8019	1	HOT WATER RECIRCULATION PUMP	GC-GC	-	-	-	-	-	1/2"	-	-	-	BELL & GOSSETT MODEL NBF-9U WET ROTOR INLINE TYPE WITH HONEYWELL L6006C SURFACE MOUNTED AQUASTAT
NITRO SYSTEM													
20011	1	NITRO STATION	SB-GC	-	-	1/2"	-	-	-	-	-	-	
19559	1	NITROGEN GENERATOR	SB-GC	-	-	-	-	-	-	-	-	-	
ICE													
10344	1	ICE - BIN DROP IN 90LB 20KG	SB-GC	-	-	1"	-	-	-	-	-	-	
19278	2	ICE - BIN DROP IN 5LB 2.3KG	SB-GC	-	-	1"	-	-	-	-	-	-	
18846	1	ICE - 8" MACHINE 10LB REMOTE AIR COOLED	SB-GC	-	-	3/4"	-	-	-	1/2"	-	-	
18029	1	ICE - 4" BIN 10LB	SB-GC	-	-	1"	-	-	-	-	-	-	
CASEWORK													
17810	1	CABINET WITH HAND SINK	SB-GC	10597	2"	-	1 1/2"	-	-	-	-	-	

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STARBUCKS
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

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Design Forum Architects Inc.

2558 Byers Rd
Miamisburg, OH 45342
Tel: (614) 804-7700

Donald J. Rehmman
Architect In Charge
License: AR0017303

Design Forum Engineering

2558 Byers Rd
Miamisburg, OH 45342
Tel: (614) 804-7700

Timothy L. Harwarding, PE
Professional Engineer
License: 62078

FOR CONSTRUCTION

PROJECT NAME:
HARDEN & POLK

PROJECT ADDRESS:
1310 LAKESIDE VILLAGE CIR
LAKELAND, FL 33803

STORE #: 2965
PROJECT #: 21120-060
ISSUE DATE: 08/10/2020
DESIGNER: RAI MONTERO
PRODUCTION DESIGNER: PAUL HARLOR
CHECKED BY: RAI MONTERO

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