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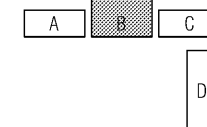
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CONSULTANT



MEEC

KEY PLAN



OWNER

Suwanee Grocery, LLC

8110 N. Saint Louis Avenue  
Skokie, IL 60076

PROJECT NAME

Suwanee Grocery, LLC  
Building-B Build-Out

3230 Caliber Street  
Suwanee, GA 30024

PROJECT NO.

16-177

ISSUES / REVISIONS

Bidding - Construction 04/30/18

DRAWN BY

WEV

CHECKED BY

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APPROVED BY

JFB

SHEET NAME

PLUMBING  
SCHEDULES

SHEET NO.

P4-01

PLUMBING FIXTURE SCHEDULE

MARK	ITEM	ADA	DESCRIPTION	ACCESSORIES	PIPE CONNECTION SIZES				NOTES
					W	V	CW	HW	
WC-1	FLOOR MOUNTED FLUSH VALVE WATER CLOSET		TOTO #CT705EN Elongated with CeFIONtect coating 15" high 10"-12" rough-in Low Consumption Toilet #3461.001	Flush Valve: TOTO #TETGA32#CP Seat: TOTO #SC534 Flange	4"	---	1"	---	
WC-2	FLOOR MOUNTED FLUSH VALVE WATER CLOSET	X	TOTO #CT705ELN Elongated with CeFIONtect coating 17-1/2" high 10"-12" rough-in Low Consumption Toilet #3461.001	Flush Valve: TOTO #TETGA32#CP Seat: TOTO #SC534 Flange	4"	---	1"	---	
L-1	ABOVE COUNTER LAVATORY	X	KOHLER K-14800 16.5" Diameter Lavatory with overflow	Faucet: KOHLER Purist K-14404-4A Drain: McGuire #155A Supply: McGuire #H170BV-LR 1/4 turn p-Trap: McGuire #8672C-17T 1-1/2" Chrome Plated Brass Carrier: Jay R. Smith #0700-Z	1-1/2"	1-1/2"	1/2"	1/2"	1
HS-1	HAND WASH SINK	X	Elkay #CHS1716LRSC with Elkay #LK940GN04L2H FAUCET, LK8 Drain fitting and LK500 P-trap.	Type 304 stainless steel, 1-3/4" radius covered corners, 7" high backsplash with 45° angle sloped top. Furnished with hangers and integral stainless steel support brackets. (NSF certified)	1-1/2"	1-1/2"	1/2"	1/2"	1
S-1	COUNTERTOP S.S. SINK		Elkay #LR3322 with Elkay #LKD2439BH two lever faucet, 8" tubular swing-spout aerator, 3/8" O.D. copper tube inlets, 3-hole installation	3-1/2" drain outlet, stainless steel body, conical strainer plate with moveable lift knob, neoprene stopper, c.p. brass 1-1/2" O.D. tailpiece (per compartment)	2"	2"	1/2"	1/2"	
S-2	STAINLESS STEEL 3-COMPARTMENT SINK (16 ga)		Elkay #14-3C24X24-2-24X with Elkay #LK67C 13" DJ swing spout & (3) #LK24RT rotary lever operated drain outlet fittings	#16 gauge Type 304 stainless steel, 1-3/4" radius covered corners, (18"x24"x14") compartments (NSF certified)	1-1/2"	1-1/2"	3/4"	3/4"	
SS-1	SERVICE SINK		FIAT Mop Sink #MSB2424	Faucet: FIAT #830-AA with Integral Check Valves Bracket: FIAT #832-AA Mop Hanger: FIAT #889-CC Drain Gasket: FIAT #QDC3-2 Splash Panel: FIAT #MSG	3"	1-1/2"	3/4"	3/4"	
GD-1	GARBAGE DISPOSER		IN-SINK-ERATOR BADGER 5	1/2 HP 110V/1Ø DISH WASHER CONNECTION	1-1/2"	---	---	---	
MX-1	THERMOSTATIC MIXING VALVE		WATTS LFUSG-B-M2	ASSE 1070 Thermostatic Mixing Valve	---	---	1/2"	1/2"	
WF-1	WALL FAUCET		WOODFORD MODEL 26	Backflow Protected Wall Faucet with no Sprayback. ASSE 1052 approved	---	---	1/2"	---	

APPROVED PLUMBING FIXTURE MANUFACTURERS: AMERICAN STANDARD, MANSFIELD, CRANE, TOTO, ELKAY, KOHLER, ZURN, FIAT, FLORESTONE, MUEBE.  
APPROVED PLUMBING HARDWARE MANUFACTURERS: AMERICAN STANDARD, DELTA, KOHLER, CHICAGO, SLOAN, ZURN, TOTO.  
(FIXTURES TO BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF "THE BARRIER FREE DESIGN REQUIREMENTS OF THE MICHIGAN CONSTRUCTION CODE")

NOTES:

1. PROVIDE PLASTIC TYPE PIPE COVERS EQUAL TO TRUEBRO "LAV GUARD" ON ALL ACCESSIBLE LAVATORIES AND SINKS.

FIXTURE HOT WATER USAGE SCHEDULE

FIXTURE OR EQUIPMENT TYPE	# OF FIXTURES	WATER TEMPERATURE (DEGREE F)	WATER TEMPERATURE (° F)	GPH DEMAND (110°F)	GPH DEMAND (140°F)	TOTAL DEMAND GPH (140° F)
HAND SINKS	3	70	110	5	3.5	10.5
BATHROOM SINKS	4	70	110	5	3.5	14.0
3-COMPARTMENT SINKS (24" x 18" x 14") x 3	1	100	140		58.9	58.9
MOP SINKS	1	100	140		5.0	5.0
TOTAL HOT WATER DEMAND @ 140° F (GPH)						88
GAS WATER HEATER EFFICIENCY						0.96
TOTAL REQUIRED BTU's						76,705
TOTAL REQUIRED kW's						22
STORAGE REQUIRED (GALLONS)						33.1

GAS FIRED DOMESTIC WATER HEATER SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	LOCATION	CAPACITIES			GAS DATA		NOTES
				RECOVERY GPH	STORAGE GALLONS	TEMP. RISE DEG. F	INPUT CFH	TYPE	
GWH-1	A.O. SMITH	BTX-100	BAKERY	116	50	100	100	NATURAL	1, 2, 3, 4

(APPROVED EQUAL: LOCHINVAR, BRADFORD WHITE)

NOTES:

1. TEMPERATURE AND PRESSURE RELIEF VALVE  
2. MAGNESIUM TANK SAVER ANODE ROD  
3. A.G.A. CERTIFIED  
4. 3"Ø PVC FLUE & COMBUSTION AIR.

FLOOR DRAIN SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	LOCATION	BODY MATERIAL	GRATE		PIPE SIZE (IN.)	NOTES
					TYPE	FINISH		
FD-1	ZURN	ZN415	SEE PLAN	CAST IRON	---	NICKEL BRONZE	3"	1
FD-2	ZURN	Z1901-2	SEE PLAN	CAST IRON WITH ENAMEL INTERIOR	1/2 GRA	A.R. PORCELAIN ENAMEL	3"	3

(APPROVED EQUAL: JOSAM, SIOUX CHIEF, MIFAB)

NOTES:

1. PROVIDE SURE SEAL IN LINE TRAP SEALER.  
2. PROVIDE STRAINER MOUNTED FUNNEL  
3. PROVIDE BOTTOM DOME STRAINER.

ELECTRIC WATER COOLER SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	FINISH	TYPE	ADA	CAPACITY G.P.H.	ELECTRICAL			NOTES
							WATTS	F.L.A.	VOLT / PHASE	
EWC-1	ELKAY	EZSTL8W5(VR)JK	STAINLESS	WALL MOUNT (BI-LEVEL)	ADULT & CHILD	8	370	5.0	120 / 1	1, 2

NOTES:

1. CABINET COLOR OPTION SHALL BE LIGHT GRAY GRANITE.  
2. PROVIDE EZH20 BOTTLE FILLING STATION.

TRENCH DRAIN SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	LOCATION	BODY MATERIAL	GRATE		DIMENSIONS	PIPE SIZE (IN.)	NOTES
					TYPE	FINISH			
TD-1	ZURN	Z890	SEE PLANS	16 GA. 304 STAINLESS	SDD - DIAG. DECORATIVE	STAINLESS	6" x 60"	3"	1, 2, 3

NOTES:

1. PROVIDE BOTTOM OUTLET WITH NO-HUB FITTING.  
2. PROVIDE STAINLESS STEEL CLIPS/FASTNERS.  
3. PROVIDE "SURESEAL" IN LINE TRAP SEAL.

SUMP PUMP SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	LOCATION	TYPE	FLOW (GPM)	TOTAL HEAD (FT)	PUMP DISCHARGE SIZE	BASIN SIZE	ELECTRICAL DATA				NOTES	
									HP	RPM	VOLTAGE	PHASE		HZ
SP-1	WEIL	1413	RECEIVING / STORAGE	EFFLUENT	60	20	2"	30"Øx72"	1/2	1,750	120	1	60	1, 2, 3
SP-2	WEIL	1413	RECEIVING / STORAGE	EFFLUENT	60	20	2"	30"Øx72"	1/2	1,750	120	1	60	

(APPROVED EQUAL: XYLEM, BARNES, ABS, ZOELLER)

NOTES:

1. U.L. LISTED  
2. PRE-CONFIGURED STANDARD DUPLEX WASTEWATER CONTROL PANEL WITH 3 TETHERED PIGGYBACK MECHANICAL FLOATS AND HIGH WATER ALARM PANEL.  
3. PROVIDE HDPE SUMP BASIN WITH SEALED COVER AND OPENINGS FOR DISCHARGE AND VENT PIPING.

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