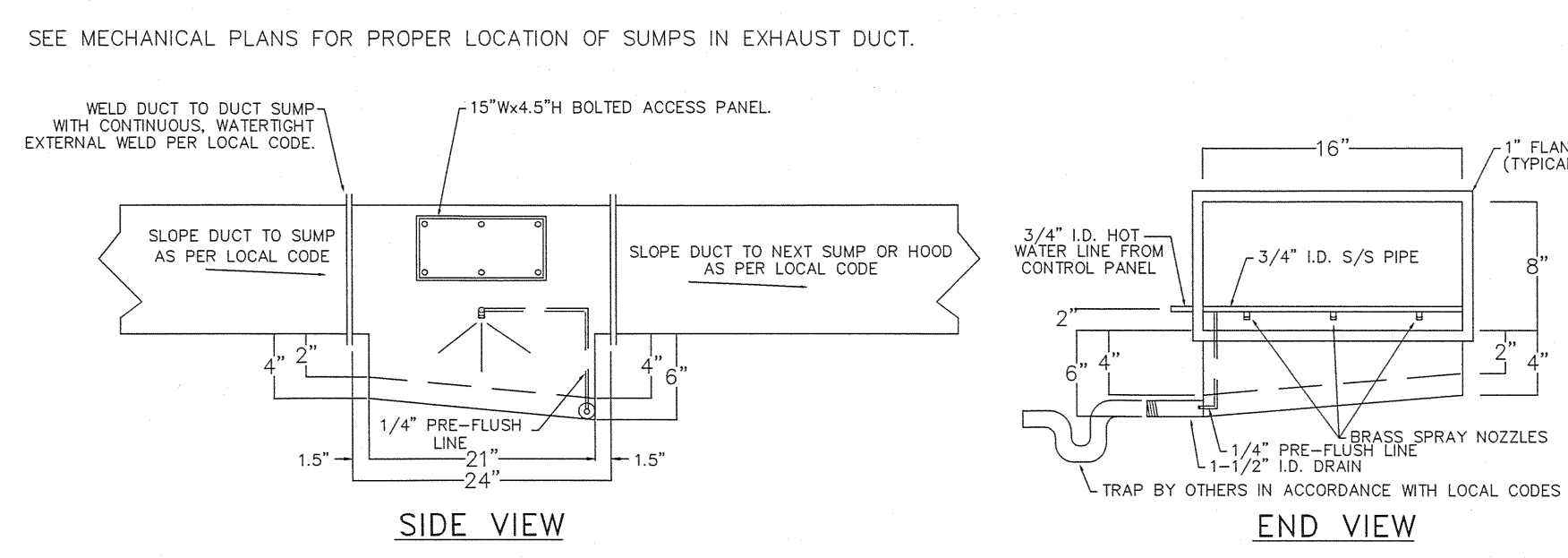


- SYSTEM PLAN KEY NOTES:**
- 03 16"x7" GREASE DUCT ACCESS CLEANOUT PANEL LOCATE AT MAX 10'-0" INTERVALS. A SIGN STATING THE FOLLOWING SHALL BE PLACED ON ALL ACCESS PANELS: "ACCESS PANEL - DO NOT OBSTRUCT" NOTE: ARCHITECT SHALL PROVIDE CEILING ACCESS PANELS AT CLEANOUT PANEL LOCATIONS FOR MAINTENANCE ACCESS.
 - 08 NEW GREASE DUCT SUMP (REFER TO DUCT SUMP DETAILS ON MECHANICAL DETAIL SHEET).
 - 09 SLOPE GREASE DUCT DOWNWARD 1/4" PER 1'-0" (MINIMUM) TOWARDS DUCT SUMP.
 - 10 16"x8" GREASE EXHAUST DUCT, CONNECT TO 16"x8" BURGER KING GREASE EXHAUST DUCT WITHIN SHAFT.
 - 11 CONNECT 16"x8" GREASE EXHAUST DUCT TO 16"x8" BURGER KING GREASE EXHAUST DUCT AT THIS LOCATION.
 - 12 NEW "SCS" CAPTIVE-AIRE HOOD CONTROL PANEL, PROVIDE A 120V, 20A CIRCUIT WITH ASSOCIATED #12 WIRE AND 3/4" C FROM NEAREST BURGER KING 120/208V ELECTRICAL PANEL, AS WELL AS LOW VOLTAGE CIRCUITS TO F.A. SYSTEM & BMS, AS INDICATED IN CONTROL SCHEMATIC.

GREASE RESERVOIR



- WATER REQUIREMENTS**
1. 3/4" H.W. LINE FROM CONTROL PANEL.
 2. WATER CONSUMPTION IS 1.5 GPM.
 3. TEMPERATURE OF H.W. AT CONTROL CABINET IS 140° MIN. - 180° MAX.
 4. WATER PRESSURE AT CONTROL CABINET IS 40 P.S.I. MIN. - 60 P.S.I. MAX.

GENERAL SPECIFICATIONS

THE DUCT SUMP SHALL BE CONSTRUCTED OF 16 GA. STAINLESS STEEL. UNIT SHALL INCLUDE 1" FLANGES AT THE INLET AND OUTLET COLLARS FOR FIELD WELDING OF EXHAUST DUCT TO SUMP. ALL CORNERS AND SEAMS ARE LIQUID-TIGHT CONTINUOUSLY WELDED. THE DUCT SUMP SHALL INCLUDE STAINLESS STEEL MANIFOLD AND BRASS SPRAY NOZZLES. THE DRAIN SHALL BE 1-1/2" I.D. WITH PRE-FLUSH AND OVERFLOW. A BOLTED ACCESS DOOR SHALL BE PROVIDED FOR ACCESS TO INTERNAL PARTS. IF WIDTH OF DUCT EXCEEDS 15", AN ACCESS DOOR WILL BE PROVIDED ON BOTH SIDES OF SUMP. SUMP WILL BE CONNECTED TO THE CONTROL PANEL TO ACTUATE THE WASH DOWN CYCLE.

GENERAL NOTES

- AMEC GENERAL NOTES:**
- A. THE WORK OF THIS DRAWING IS A PORTION OF A COMPLETE GREASE DUCT INSTALLATION FROM EXHAUST HOODS IN A NEW BURGER KING CONCESSION SPACE TO AN EXHAUST FAN ON THE ROOF. THE MATERIALS AND EQUIPMENT SHALL BE COMPATIBLE WITH AND COORDINATED WITH HOST DRAWINGS M-2.01 AND M-3.01 FOR THE BURGER KING CONCESSION SPACE AND THE FIRE PROTECTION DRAWINGS ISSUED BY FIRE RISK MANAGEMENT. SEE OEST DRAWING M04-03.05 AND TURNER COORDINATION DRAWINGS FOR ADDITIONAL DUCTWORK IN THIS AREA.
 - B. THE MATERIALS, EQUIPMENT AND INSTALLATION SHALL COMPLY WITH THE 2003 INTERNATIONAL MECHANICAL CODE AND NFPA 96 STANDARD FOR VENTILATION CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS.
 - C. ELECTRICAL WORK NOTED ON THIS SHEET IS BY OTHERS.
 - D. VERTICAL GREASE EXHAUST DUCT EXHAUST RISER SHALL PENETRATE ROOF CURB AND TERMINATE 32" ABOVE ADJACENT ROOF LEVEL.

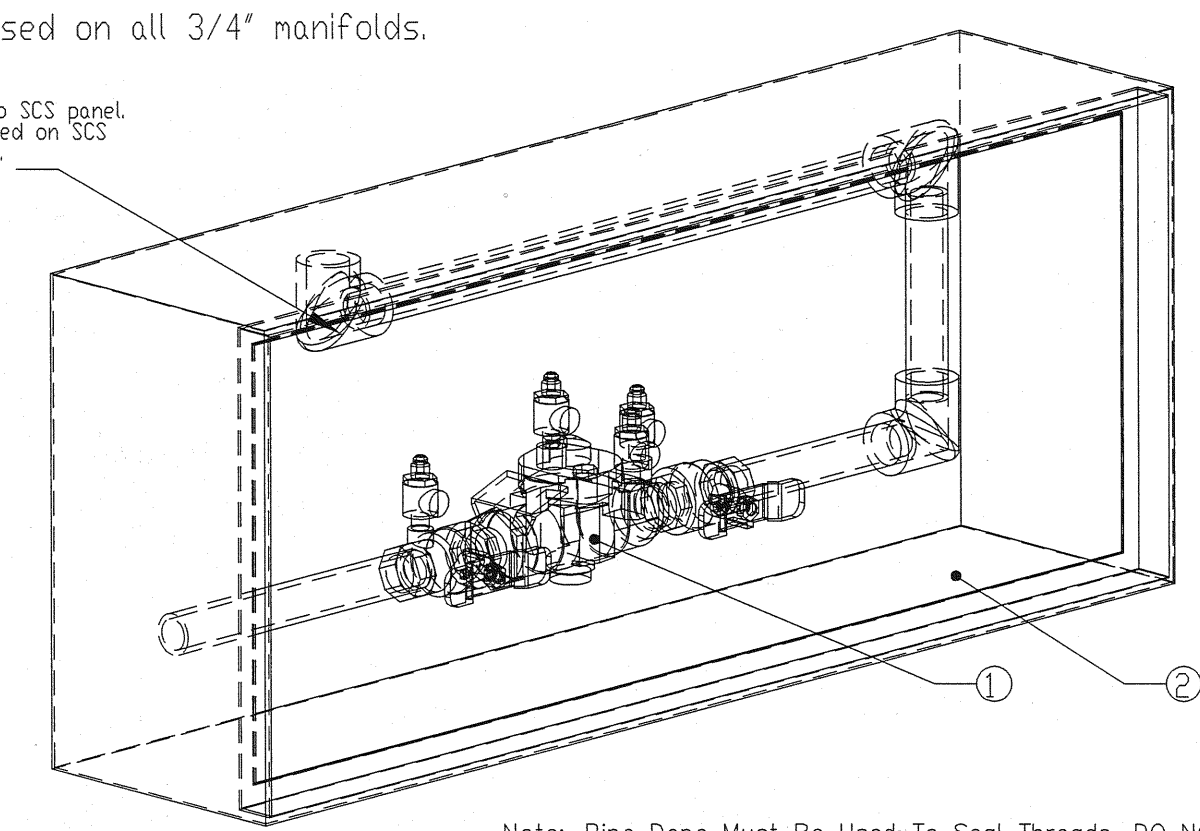
THESE DRAWINGS ARE ISSUED FOR CONSTRUCTION AND REFLECT ALL AMEC ISSUED BULLETINS AND SKETCHES.

Issue	Date & Issue Description	By	Check
1	07/15/11	PWZ	RHB
BULLETIN 120			
02	09/01/11	PWZ	RHB
ISSUED FOR CONSTRUCTION			

1 MECHANICAL FLOOR PLAN
SCALE: 1/8" = 1'-0"

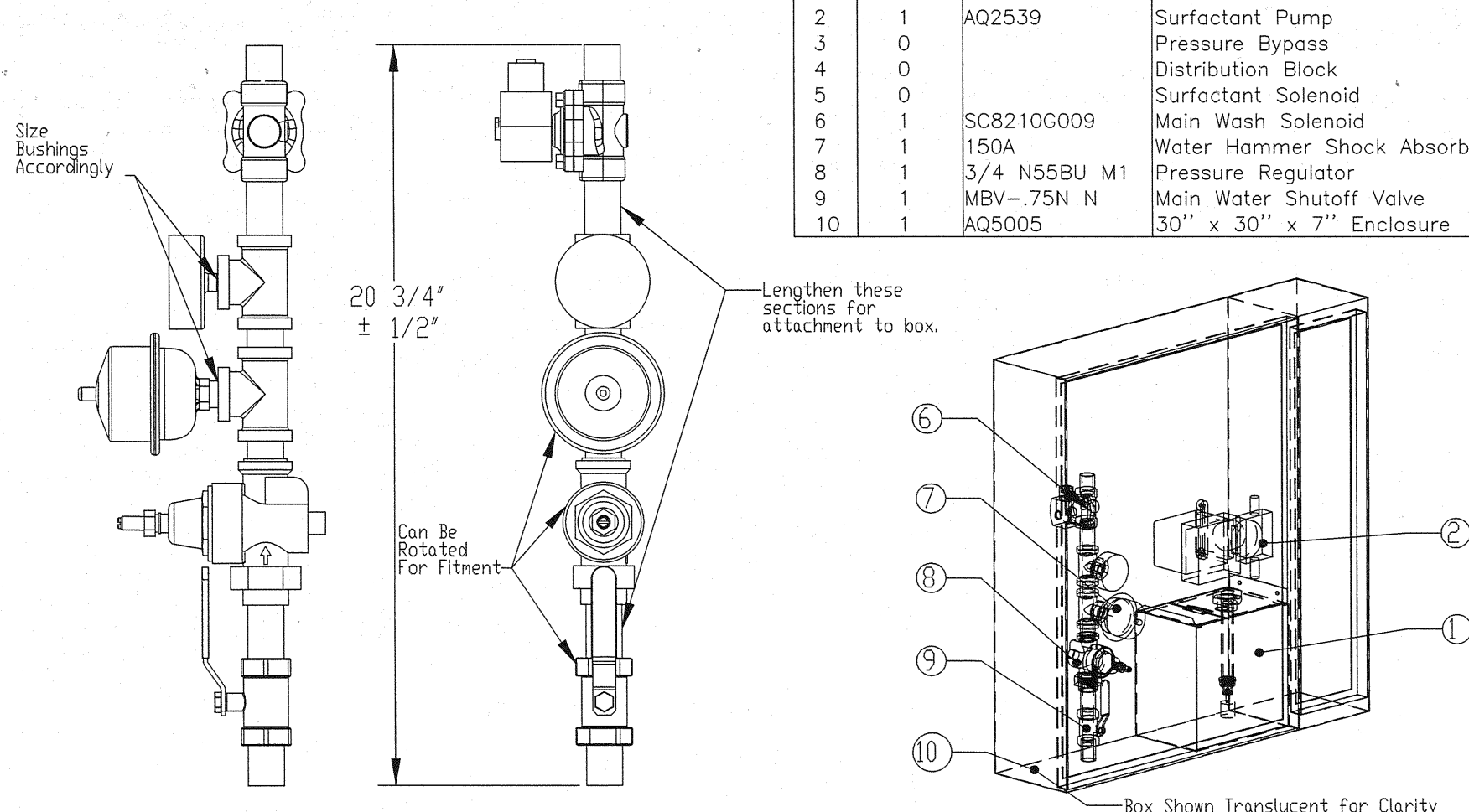
Backflow preventer is installed below the main Self Cleaning panel and is bolted into place. Cabinet below is used on all 3/4" manifolds.

ITEM#	QUANTITY	PART NUMBER	DESCRIPTION
1	1	075-009M3-01	Reduced Pressure Zone Assembly
2	1	065002	12" x 30" x 7" cabinet



Note: Pipe Dope Must Be Used to Seal Threads. DO NOT USE TEFLON TAPE.

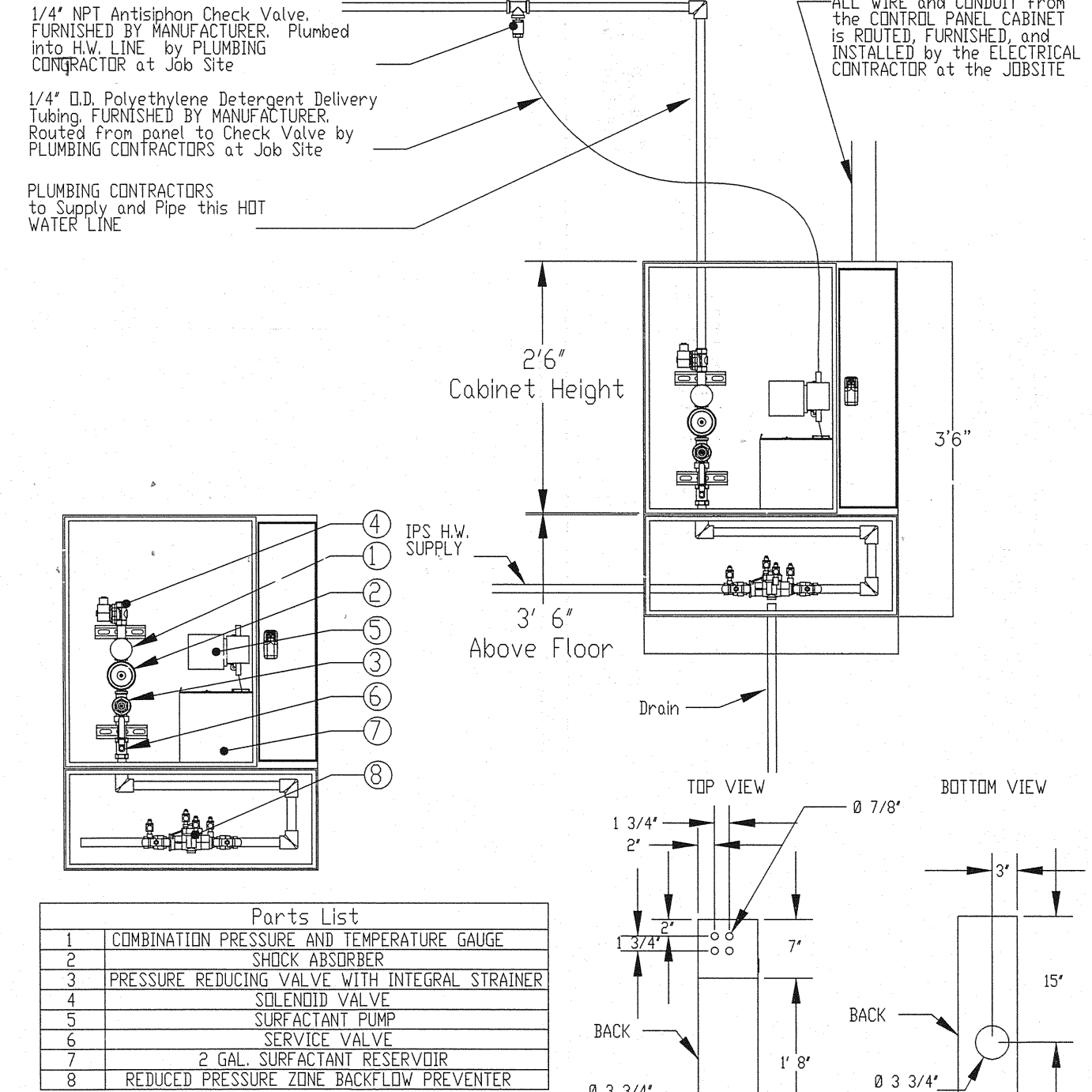
ITEM#	QUANTITY	PART NUMBER	DESCRIPTION
1	1	WWS21ANK2-D	Surfactant Tank
2	1	A22539	Surfactant Pump
3	0		Pressure Bypass
4	0		Distribution Block
5	0		Surfactant Solenoid
6	1	SC8210C009	Main Wash Solenoid
7	1	150A	Water Hammer Shock Absorber
8	1	3/4 NSSBU M1	Pressure Regulator
9	1	MSV-75N N	Main Water Shutoff Valve
10	1	A25005	30" x 30" x 7" Enclosure



Note: Pipe Dope Must Be Used to Seal Threads. DO NOT USE TEFLON TAPE. All pipe Nipples are Close unless otherwise noted.

TYPICAL CONNECTION DETAILS FOR SELF-CLEANING SYSTEM CONTROL PANELS WITH BACKFLOW PREVENTER

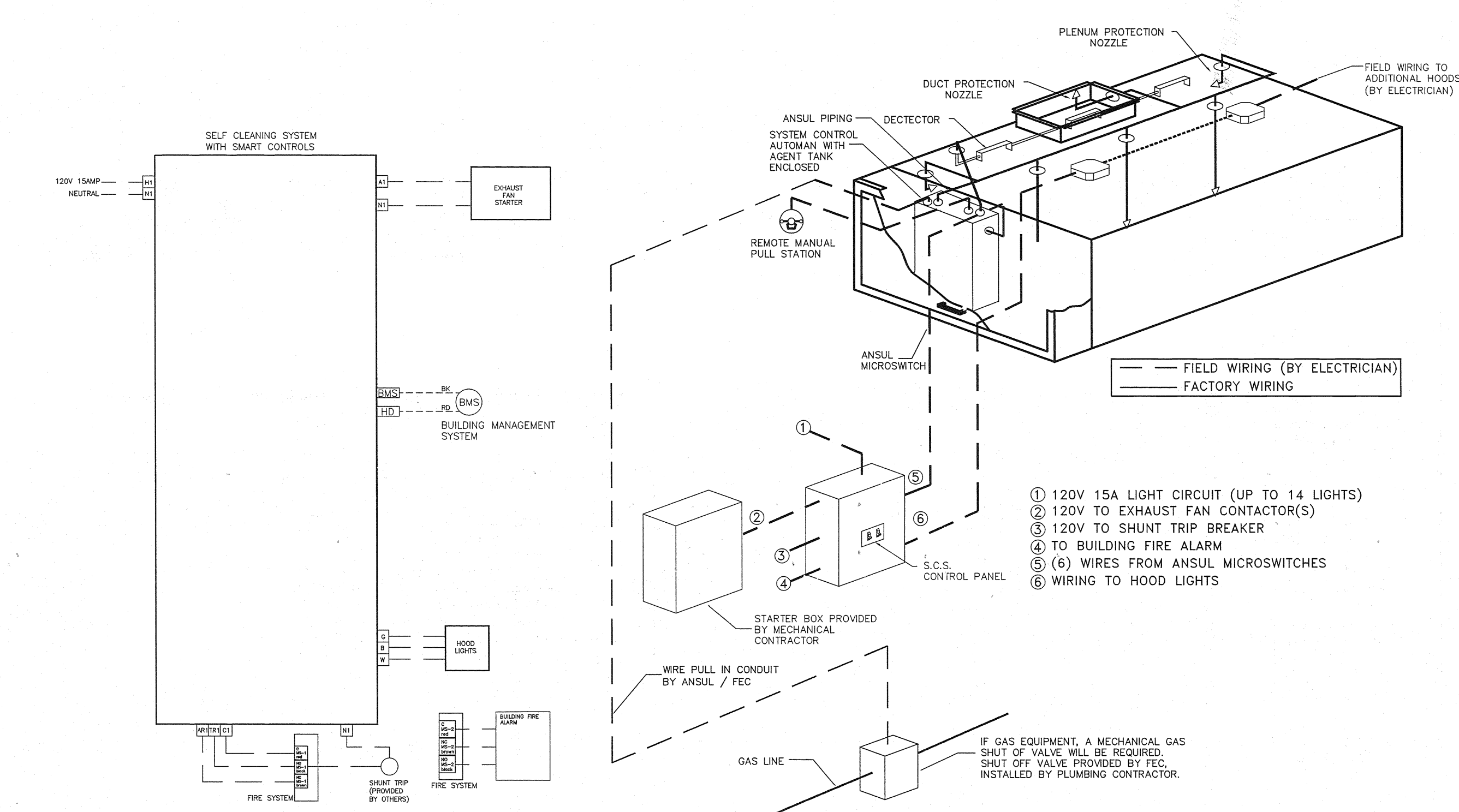
Below illustrates the typical connections found on a Self-Cleaning System with a Backflow Preventer. Self-Cleaning System packages may contain additional start, outlet, and divergent connections. Consult the manifold drawings for more information.



NOTE: ALL PLUMBING & WIRING EXTERNAL TO CONTROL PANEL SUPPLIED BY OTHERS IN THE FIELD.

2 CAPTIVE-AIRE DUCT SUMP SYSTEM DETAILS
SCALE: NONE

BURGER KING HOODS BY OTHERS
EXAMPLE HOOD SHOWN FOR COORDINATION PURPOSES ONLY TO DEMONSTRATE TYPICAL CONNECTIONS



- ① 120V 15A LIGHT CIRCUIT (UP TO 14 LIGHTS)
- ② 120V TO EXHAUST FAN CONTACTOR(S)
- ③ 120V TO SHUNT TRIP BREAKER
- ④ TO BUILDING FIRE ALARM
- ⑤ WIRES FROM ANGLU MICROSWITCHES
- ⑥ WIRING TO HOOD LIGHTS

Scale: AS NOTED

Project Name: P1W Terminal Enhancement

Project Number: 08-0395-000
CAD File Name: T-0333101@oest\M08.02.dwg
Description: MECHANICAL PART & ENLARGED PLANS

Scale: AS NOTED

Ref. North

M08.02

02/11 Gensler