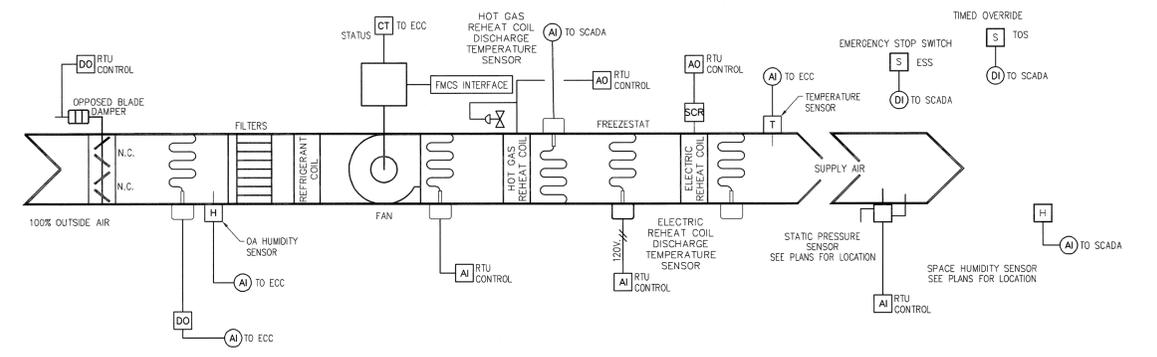


DDC POINT LIST						
DESCRIPTION	DESCRIPTION	DIGITAL IN	DIGITAL OUT	ANALOG IN	ANALOG OUT	INSTRUCTIONS
SUPPLY FAN						
SUPPLY AIR TEMPERATURE	SUPPLY TEMP			ADTS		
FREEZESTAT	FREEZE STAT	FT				PROTECT COIL FROM FREEZING
SPACE TEMPERATURE						
SPACE HUMIDITY	SPACE HUMIDITY			RHS		
SUPPLY DUCT STATIC PRESSURE	DUCT DIFFERENTIAL STATIC PRESSURE			DDP		
HEATING COIL VALVE	REHEAT COIL VALVE			HV		
COOLING COIL VALVE (DX STAGE 1)	COOLING COIL VALVE			CV		
FIRE ALARM INTERLOCK	FIRE ALARM INTERLOCK			FA		
EMERGENCY STOP SWITCH	EMERGENCY STOP SWITCH			ESS		
TIMED OVERRIDE	TIMED OVERRIDE			TOS		



PACKAGED ROOFTOP UNIT IS 100% OUTSIDE AIR UNIT WITH HOT GAS REHEAT AND ELECTRIC REHEAT FOR RELATIVE HUMIDITY CONTROL. UNIT SHALL BE LOCKED OUT WHEN THE OUTSIDE AIR TEMPERATURE IS BELOW 70°F (ADJUSTABLE AT ECC).

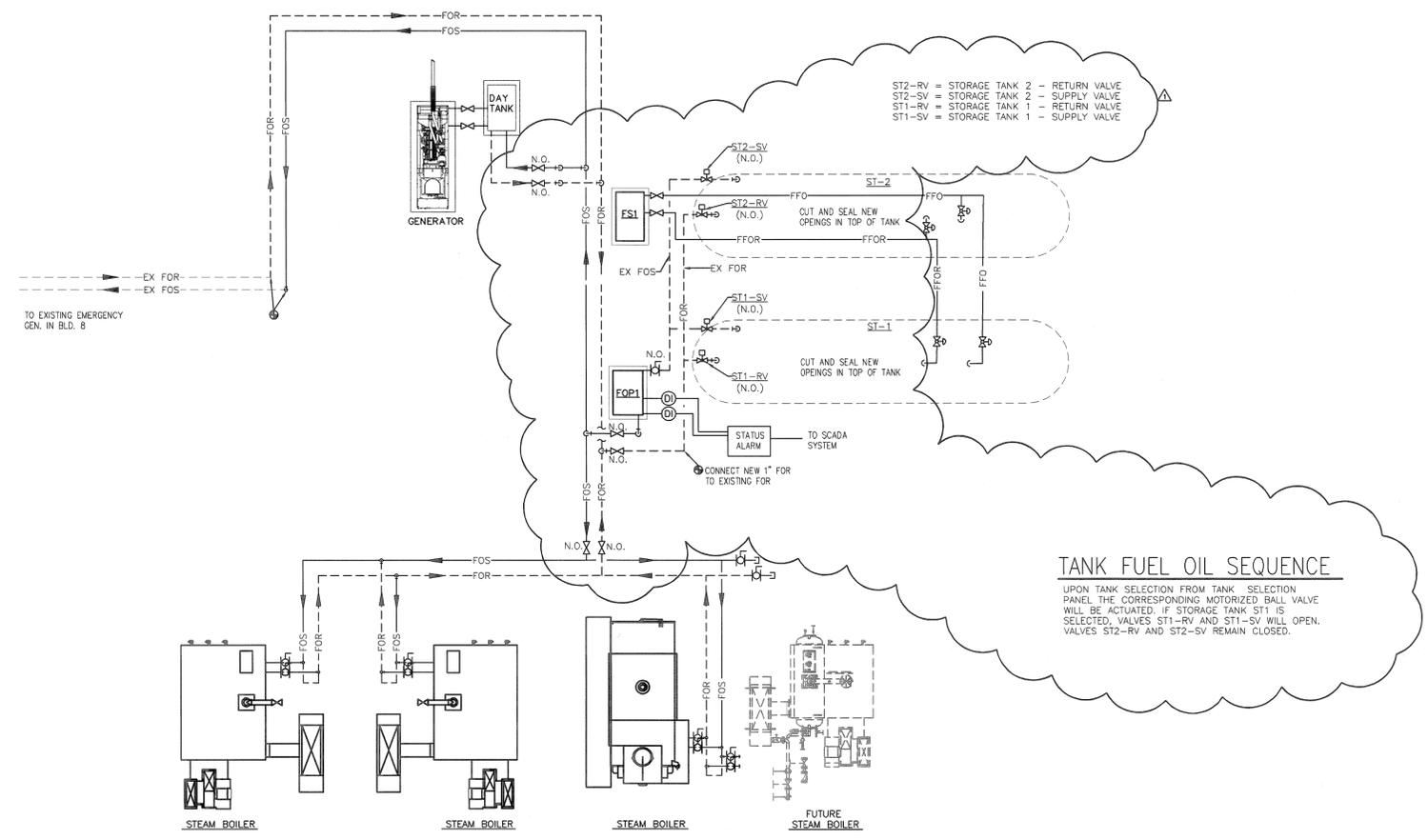
THE UNIT SHALL BE ENERGIZED VIA TIMED OVERRIDE SWITCH LOCATED IN THE BOILER ROOM. THE UNIT SHALL PROVIDE SPOT COOLING AT AREAS INDICATED ON PLANS. THE UNIT SHALL MAINTAIN A CONSTANT SUPPLY AIR DISCHARGE TEMPERATURE OF 80°F (ADJUSTABLE AT ECC).

THE UNIT SHALL MODULATE THE REFRIGERANT COIL TO MAINTAIN DISCHARGE TEMPERATURE OF 80°F. ELECTRIC HEATING COIL SHALL SERVE AS SUPPLEMENTAL HEATING. WHEN DISCHARGE TEMPERATURE DOWNSTREAM OF HOT GAS REHEAT COIL IS LESS THAN 80°F, SCR CONTROLLER SHALL MODULATE ELECTRIC HEATING COIL TO MAINTAIN SUPPLY AIR DISCHARGE TEMPERATURE SETPOINT OF 80°F.

NOTE: 80°F SUPPLY AIR TEMPERATURE IS SET TO PREVENT CONDENSATION ON DUCTS, HANGERS, ETC.

B4 100% OA UNIT, 21-RTU-1 (BOILER ROOM SPOT COOLING UNIT)
SCALE: NONE

C2 FUEL FILTRATION SYSTEM PIPING SCHEMATIC
SCALE: NONE



TANK FUEL OIL SEQUENCE

UPON TANK SELECTION FROM TANK SELECTION PANEL THE CORRESPONDING MOTORIZED BALL VALVE WILL BE ACTUATED. IF STORAGE TANK ST1 IS SELECTED, VALVES ST1-RV AND ST1-SV WILL OPEN. VALVES ST2-RV AND ST2-SV REMAIN CLOSED.

F1 FUEL OIL SYSTEM PIPING SCHEMATIC
SCALE: NONE

100% CONSTRUCTION DOCUMENTS

REVISION NO.	REVISION DESCRIPTION	DATE
1	F1/MP-705, F5/MP-705, MP-706	1/17/2014

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Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL MANAGER
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COFR

Drawing Title MECHANICAL CONTROL DIAGRAMS	Project Title REPLACE BOILER PLANT/ COGEN/CHP	Date APRIL 30, 2012
BUILDING IS FULLY SPRINKLERED	Drawn 21	Project Number 544-11-101
Checked	Reviewed	AutoCAD File Name MP-705
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