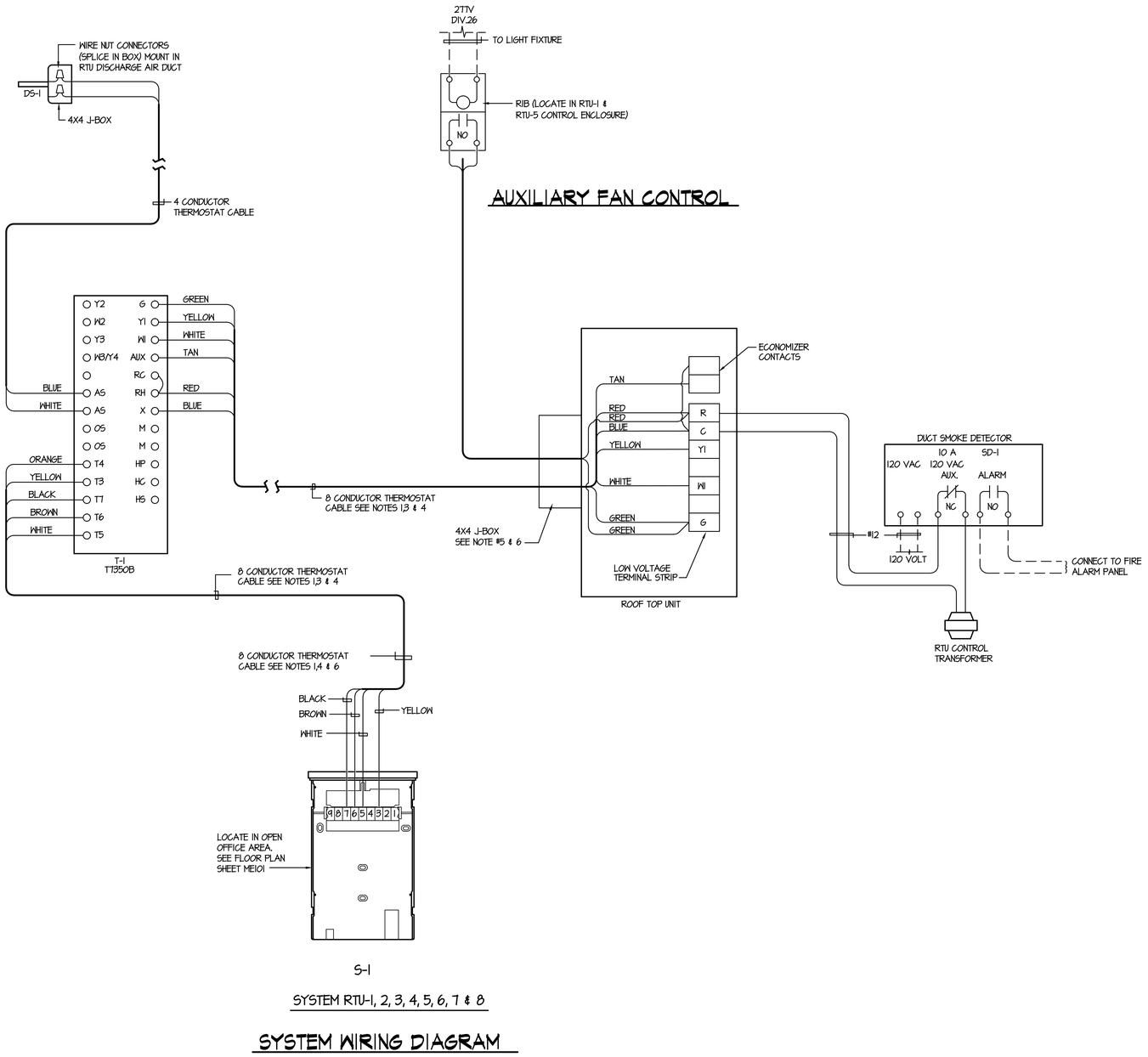

SYSTEM RTU-1, 2, 3, 4, 5, 6, 7 & 8

SYSTEM WIRING DIAGRAM

CONTROL EQUIPMENT

MARK	DESCRIPTION	CAT. NO. 1	MARK	DESCRIPTION	CAT. NO. 1
T-1	THERMOSTAT	T7350H1004			
S-1	REMOTE TEMPERATURE SENSOR SELECTABLE 10K OHM OR 20K OHM	T771A1005			
DS-1	DISCHARGE AIR SENSOR	C7041B2013			
RIB	RELAY	FUNCTIONAL DEVICES RIBUIC			

(1) ALL CATALOG NUMBERS SHOWN ARE HONEYWELL UNLESS NOTED OTHERWISE.

LEGEND:

- – – – – – DIVISION 26 OR FACTORY PRE-WIRED
- ——————— DIVISION 23 WIRING

NOTES:

1. THERMOSTAT CABLE- 4 OR 8 CONDUCTOR- 18 AWG SOLID COPPER WIRE INSULATED WITH HIGH DENSITY POLYETHYLENE. CONDUCTORS PARALLEL. ENCLOSED IN BROWN PVC JACKET. (22 AWG CABLE NOT ALLOWED).
2. USE WIRE NUT CONNECTORS FOR SPLICING CONDUCTORS IN SPECIFIED LOCATIONS AND TYTON TYPE CRIMP CONNECTORS FOR TERMINAL CONNECTIONS. NO TERMINAL CONNECTORS REQUIRED AT THERMOSTAT OR SENSOR.
3. DO NOT RUN ANY OTHER WIRING IN CONDUIT WITH THERMOSTAT CABLE.
4. DO NOT SPLICE WIRE IN RUNS FROM SENSOR TO THERMOSTAT, THERMOSTAT TO ROOF TOP UNIT AND THERMOSTAT TO DISCHARGE AIR SENSOR.
5. PROVIDE CHASE NIPPLE W/PLASTIC BUSHING WHEN ATTACHING J-BOX TO EQUIPMENT.
6. PROVIDE CABLE CLAMP SO THAT CABLES CANNOT BE PULLED OUT OF J-BOX.

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
DATE ORIGINAL SIGNED: April 15, 2018
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
1355 EAST CENTER, POCATELLO, IDAHO 83201

MECHANICAL REGISTERED PROFESSIONAL ENGINEER 91171PE OREGON MAY 11, 2016 DWAYNE C. SUDWEEKS
EXPIRES: 06/30/2018

Engineered Systems Associates
1355 EAST CENTER
POCATELLO, IDAHO 83201
PHONE: (208) 233-0501
FAX: (208) 233-0529
EMAIL: esa@engsystems.com
ESA JOB NUMBER: 16038

Architect / Engineer:
JRW ARCHITECTS
1152 BOND AVENUE - Suite A
REXBURG, IDAHO 83440
V 208.359.2309
Fax 208.359.2271

Stamp:

SPRINGFIELD OREGON
BISHOP'S STOREHOUSE
SPRINGFIELD OREGON

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Project Number: WEC 15504
Plan Series: - JRWA Proj. 662
Property Number: 541-8550

Sheet Title: TEMPERATURE CONTROL DRAWINGS

Sheet: ME102