

LEGEND:

- ALERT CONTROLLER HARDWARE
- RELAY MODULE
- 2X2 TILE SPEAKER
- 2X2 TILE SPEAKER W MULTICOLOR INDICATOR LIGHT
- 2X2 TILE SPEAKER W MULTICOLOR INDICATOR LIGHT AND RED ILLUMINATION LIGHTS
- 2X2 TILE SPEAKER W RED ILLUMINATION
- 2X2 TILE SPEAKER FOR DORM ROOMS WITH MULTICOLOR ILLUMINATION AND INTEGRATED ZONE RELAY MODULE
- 4" ROUND CEILING SPEAKER
- CEILING MOUNTED RED ILLUMINATION LIGHTS
- CEILING MOUNTED MULTICOLOR LIGHT
- 360 SOUNDSPHERE SPEAKER
- 360 SOUNDSPHERE SPEAKER W RED WARNING LIGHTS
- WALL SPEAKER 4 WATT
- WALL SPEAKER 15 WATT
- WALL SPEAKER 30 WATT
- WALL SPEAKER W MULTICOLOR INDICATOR LIGHT
- WALL SPEAKER W RED ILLUMINATION LIGHT
- SURFACE MOUNTED MULTICOLOR INDICATOR LIGHT
- SURFACE MOUNTED STACK LIGHT
- VOLUME CONTROL 10 WATT
- VOLUME CONTROL 35 WATT
- ZONE CONTROL SELECTOR
- DOORBELL
- MANUAL ACTIVATION BUTTON
- ALERTING BELL
- EXTERNAL ANTENNA PA MIC
- TABLET CONTROL STATION
- CHIEF360 DASHBOARD DISPLAY
- RF MODULATOR

LOW VOLTAGE WIRING DETAILS			
COLOR	SIZE AND TYPE	USE	MISC
BLUE	18-02 OAS STR CMP WHT JKT	AUDIO	GROUND SHIELD WIRE AT HEAD END
RED	18-08 OAS STR CMP WHT JKT	LIGHTING	24V LIGHTING CONTROL CIRCUITS
ORANGE	22-06 OAS STR CMP WHT JKT	VOL CONTROL	FROM SPKR TO VOL CONTROL IN ROOM
BLACK	22-02 OAS STR CMP WHT JKT	MANUAL BUTTON / AUDIO	GROUND AUDIO SHIELD AT HEAD END
PURPLE	CAT6 23AWG UTP RISER WHT PVC JKT	DATA	CAT6
GREEN	RG11 14AWG 75 OHM BRAID BLK JKT	VIDEO DISTRIBUTION	RF VIDEO DISTRIBUTION
YELLOW	18-04 OAS STR CMP WHT JKT	GARAGE DOORS	GARAGE DOOR MOTOR CONTROL

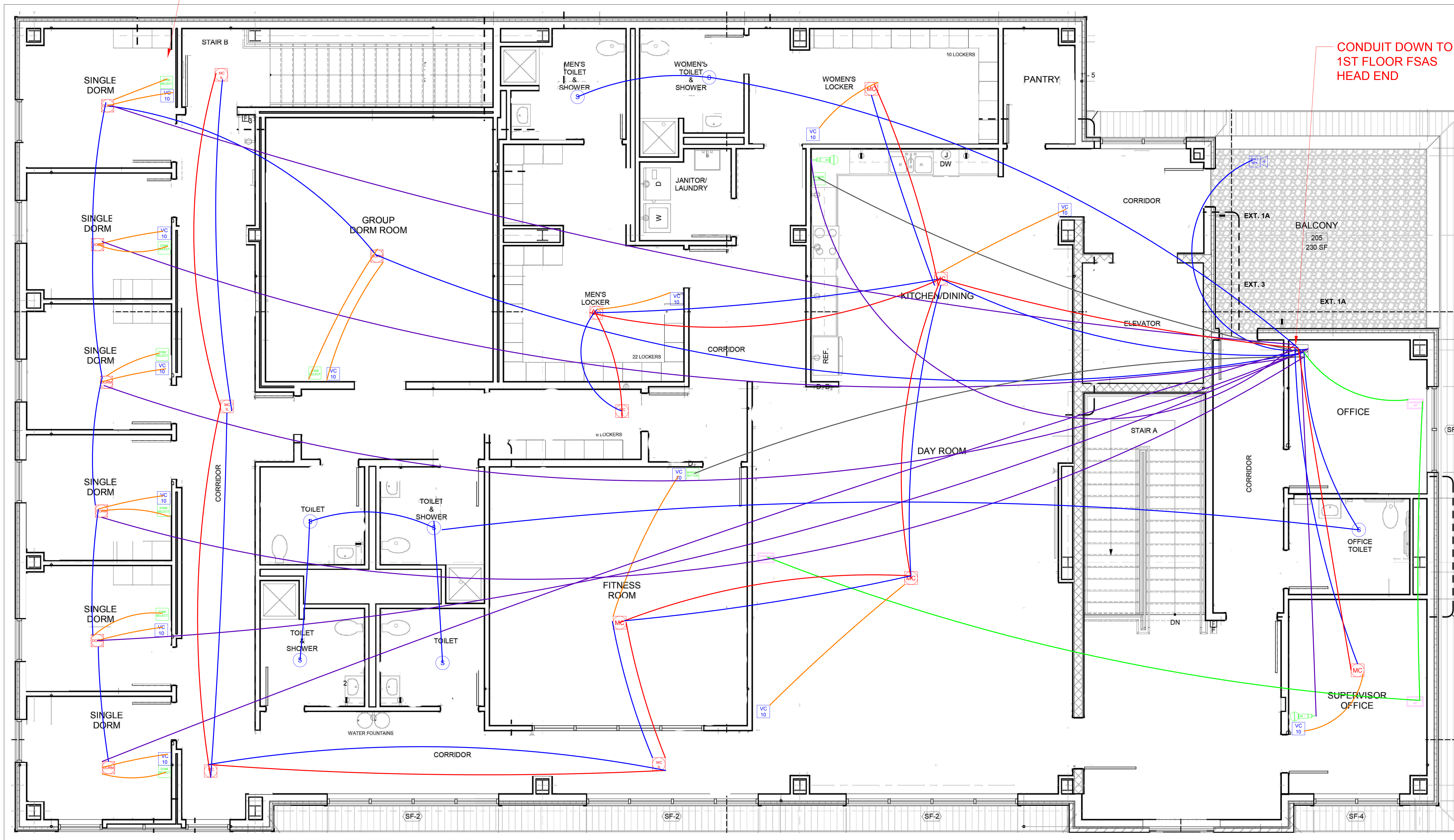
7 BUNK ROOMS
 EACH ROOM TO GET SINGLE 2 BUTTON ZONE BUTTON, VOL CONTROL, 2X2 TILE SPEAKER WITH IP RELAY ON SPEAKER FOR DYNAMIC CONTROL OF ROOM ASSIGNMENT (FIRE / EMS)

EACH ROOM GETS A HOME RUN OF CAT 6. EACH ROOM ALSO GETS A SINGLE 18-02 FOR AUDIO - THE AUDIO CAN BE SHARED FROM A SINGLE HOME RUN AND JUMPED TO EACH ROOM.

VOLUME CONTROLS IN EACH ROOM GET A 22-06 TO THE TILE SPEAKER IN THAT ROOM

ZONE BUTTONS IN EACH ROOM GET A 22-06 TO THE TILE SPEAKER IN THAT ROOM (INPUTS)

CONDUIT DOWN TO 1ST FLOOR FSAS HEAD END



STAGE: WIRING PLAN 2ND FL

CLIENT:
 ROXANA VOL FIRE CO.
 SELBYVILLE, DELAWARE 19975

PROJECT:
 ROXANA VOL FIRE STA 2
 36855 LIGHTHOUSE RD

DRAWN BY: PATRICK KORB

REP: PAK

REVISION: V1

DATE: 01/03/2026

SCALE: Not to Scale

SHEET:

FSAS-104