

BG 21-075

BOARD MEMBERS:	
MIKE WALLER	CHAIRPERSON
TRACEY WILLIAMS	VICE-CHAIRPERSON
WESLEY SMITH	MEMBER
KIRK HAYNES	MEMBER
THOMAS ALVES	MEMBER
DR. BOB LAWSON	SUPERINTENDENT

WBW ENGINEERING, INC.
3000 CANTON STREET
HOPKINSVILLE, KENTUCKY 42240
(P)270-886-2536 (F)270-885-7978

T1.1

SHEET NUMBER

TITLE SHEET

HENDERSON COUNTY SCHOOLS

SOUTH MIDDLE SCHOOL FIRE ALARM REPLACEMENT

HENDERSON, KENTUCKY

RBS DESIGN GROUP

Architect

711 West 19th Street, Suite 200
Henderson, KY 40130
Phone: (502) 484-1100 Fax: (502) 484-2446
E-Mail: office@rbsdesign.com

ALL RIGHTS RESERVED

NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM RBS DESIGN GROUP.

DO NOT SCALE DIMENSIONS

FOR INFORMATION ONLY: IF YOU HAVE ANY QUESTIONS OR COMMENTS, PLEASE CONTACT THE PROJECT OR NUMBER: (502) 484-1100 OR FAX: (502) 484-2446

REVISIONS

NO.	DATE	BY	PG.

DATE: 6/21/2021

JOB NUMBER: Y20062

DRAWN BY: PG.

CHECKED BY: CTT

REVISIONS

NO. DATE BY PG.

REVISIONS

NO. DATE BY PG.

DATE: 6/21/2021

REVISIONS

NO. DATE BY PG.

DATE: 6/21/2021

REVISIONS

NO. DATE BY PG.

DATE: 6/21/2021

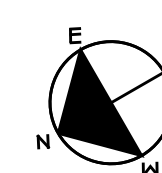


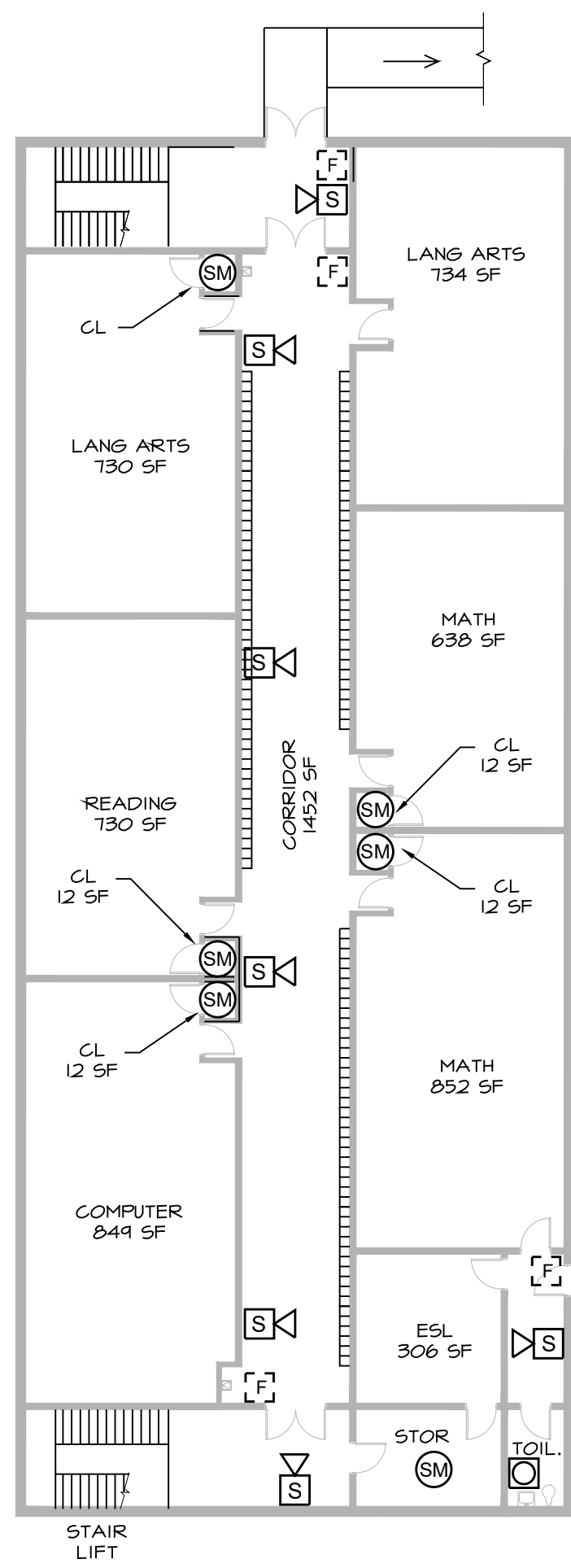
SCALE: 1/16" = 1'-0"

	EXISTING FIRE ALARM PULL STATION - TO BE REPLACED WITH NEW ADDRESSABLE DEVICE AND NEW SHUTTING RE-USE EXISTING CONDUIT WHERE POSSIBLE.
	NEW FIRE ALARM PULL STATION COMPLETE WITH ROUGH-IN, CONDUIT AND WIRING.
	VISUAL STROBE F.A. DEVICE, 80" A.F.F. TO CENTER OF STROBE
	SPEAKER STROBE DEVICE, 80" A.F.F. TO CENTER OF STROBE, PROVIDE COMPLETE WITH WIRING IN CONDUIT. 78 db, 75 CANDELA UNLESS NOTED OTHERWISE.
	SMOKE DETECTOR
	HEAT DETECTOR "DUAL TECHNOLOGY"
	DUCT SMOKE DETECTOR - REQUIRED FOR HVAC UNITS EXCEEDING 2000 CFM. CONNECT FAN FOR SHUT DOWN. PROVIDE ACCESSIBLE REMOTE TEST SWITCH.
	REMOTE TEST SWITCH FOR DUCT SMOKE DETECTOR.
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	SPRINKLER FLOW SWITCH.
	SPRINKLER TAMPER SWITCH.
	INDICATES WIREGUARD
	INDICATES DEVICE IN A WEATHERPROOF HOUSING

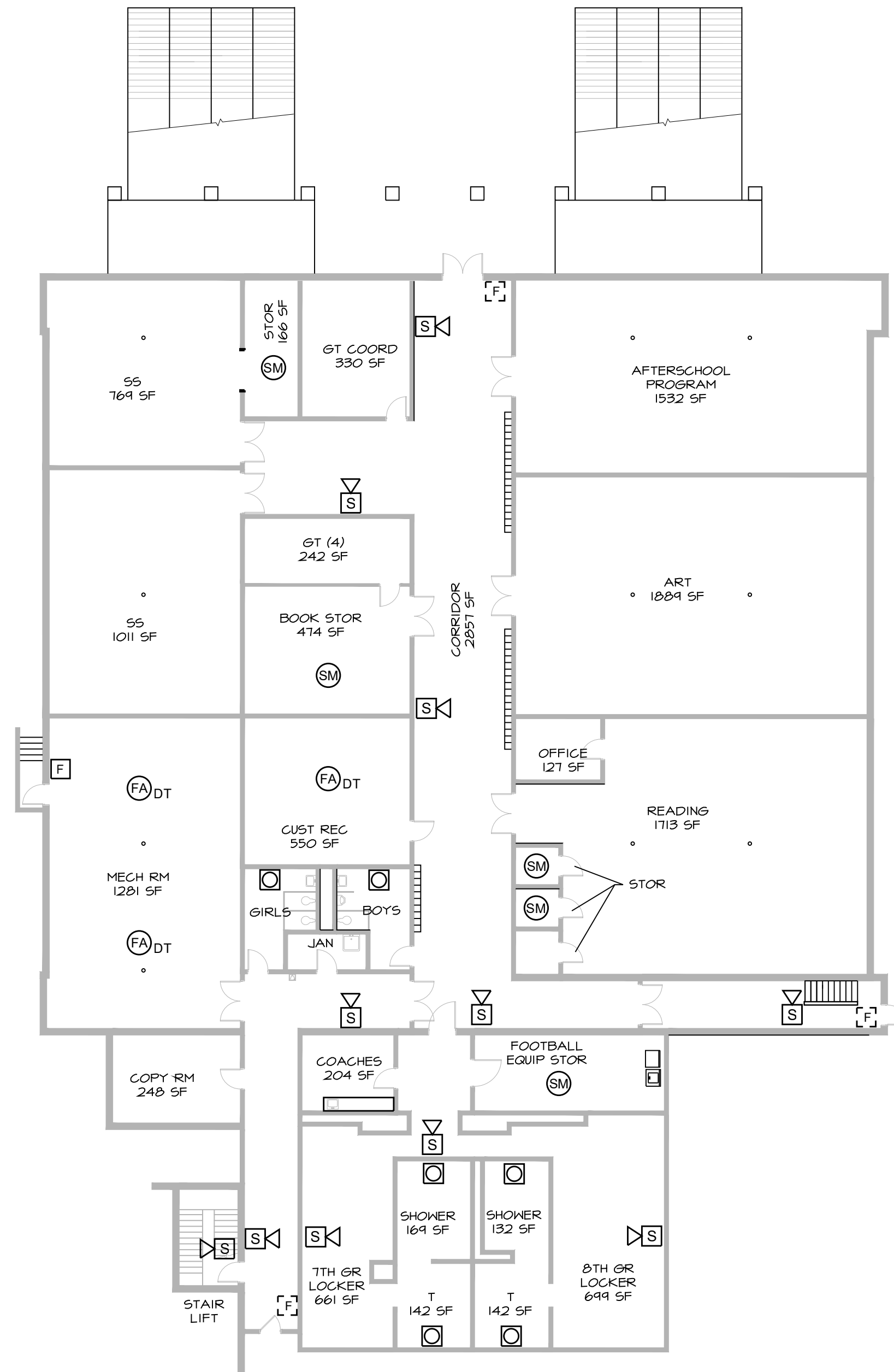
1. EXISTING FIRE ALARM CONTROL PANEL SHALL BE REPLACED WITH A NEW VESDA EVACUATION FIRE ALARM CONTROL PANEL.
2. EXISTING HORN / STROBE NOTIFICATION DEVICES SHALL BE REPLACED WITH SPEAKER STROBES FURNISHED AND INSTALLED BY CONTRACTOR. CONNECT TO NEW FIRE ALARM SYSTEM AND VESDA EVACUATION.
3. PROVIDE NEW ADDRESSABLE FIRE ALARM DEVICES AT LOCATIONS AS INDICATED ON DRAWINGS.
4. FIRE ALARM SYSTEM SHALL INCLUDE A GRAPHIC ANNUNCIATOR AT LOBBY.
5. FIRE ALARM SYSTEM INSTALLER SHALL INCLUDE SMOKE DETECTOR AT BOTH SIDES OF DOORS RELEASED BY FIRE ALARM SYSTEM. LOCATE DETECTORS WITHIN 10' OF DOOR OPENING.
6. REFER TO DRAWINGS FOR LOCATION OF TAMPER SWITCHES, FLOW SWITCHES, AND LOCATIONS THAT REQUIRE MONITORING BY FIRE ALARM SYSTEM.
7. PROVIDE DUCT SMOKE DETECTORS FOR HVAC UNITS OVER 200 CFM. MONITOR WITH FIRE ALARM SYSTEM AND INTERLOCK WITH FAN SHUTDOWN.
8. FIRE ALARM SYSTEM WIRING TO BE INSTALLED IN EMT CONDUIT.
9. ACCESS CONTROL FOR EXIT DOORS THROUGHOUT BUILDING SHALL BE REMOVED AND ACTIVATED BY FIRE ALARM SYSTEM.
10. FIRE ALARM SYSTEM SHALL MONITOR AIR COMPRESSOR THAT IS PART OF A "DRY" SPRINKLER SYSTEM.
11. FIRE ALARM CONTROL PANEL SHALL INCLUDE DIGITAL COMMUNICATOR AND (1) YEAR MONITORING SERVICE BY A LISTED CENTRAL STATION MONITORING SERVICE.
12. "ALL REQUIRED DOCUMENTATION REGARDING THE DESIGN OF FIRE ALARM, ALARM AND COMMUNICATIONS SYSTEMS AND THE PROCEDURES FOR MAINTENANCE, INSPECTION, AND TESTING OF FIRE DETECTION, ALARM, AND COMMUNICATIONS SYSTEMS SHALL BE MAINTAINED AT AN APPROVED, SECURED LOCATION FOR THE LIFE OF THE SYSTEM."
13. THE FIRE ALARM CONTROL PANEL CIRCUIT DISCONNECTING MEANS SHALL HAVE A RED MARKING, SHALL BE ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL, AND SHALL BE IDENTIFIED AS "FIRE ALARM CIRCUIT". THE LOCATION OF THE CIRCUIT DISCONNECTING MEANS SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT. 2010 NFPA 72

1. PENETRATIONS AT FIRE RATED WALLS SHALL BE SLEEVED AND FIRESTOPPED AS REQUIRED BY N.E.C. REFER TO FIRE RATINGS LEGEND.
2. PENETRATIONS AT SMOKE TIGHT WALLS SHALL BE SLEEVED AND SEALED SMOKE TIGHT AS REQUIRED.
3. FIELD VERIFY EXISTING WALL TYPES AND RATINGS.
4. REFER TO SPECIFICATIONS FOR SLEEVE / SEAL METHODS.

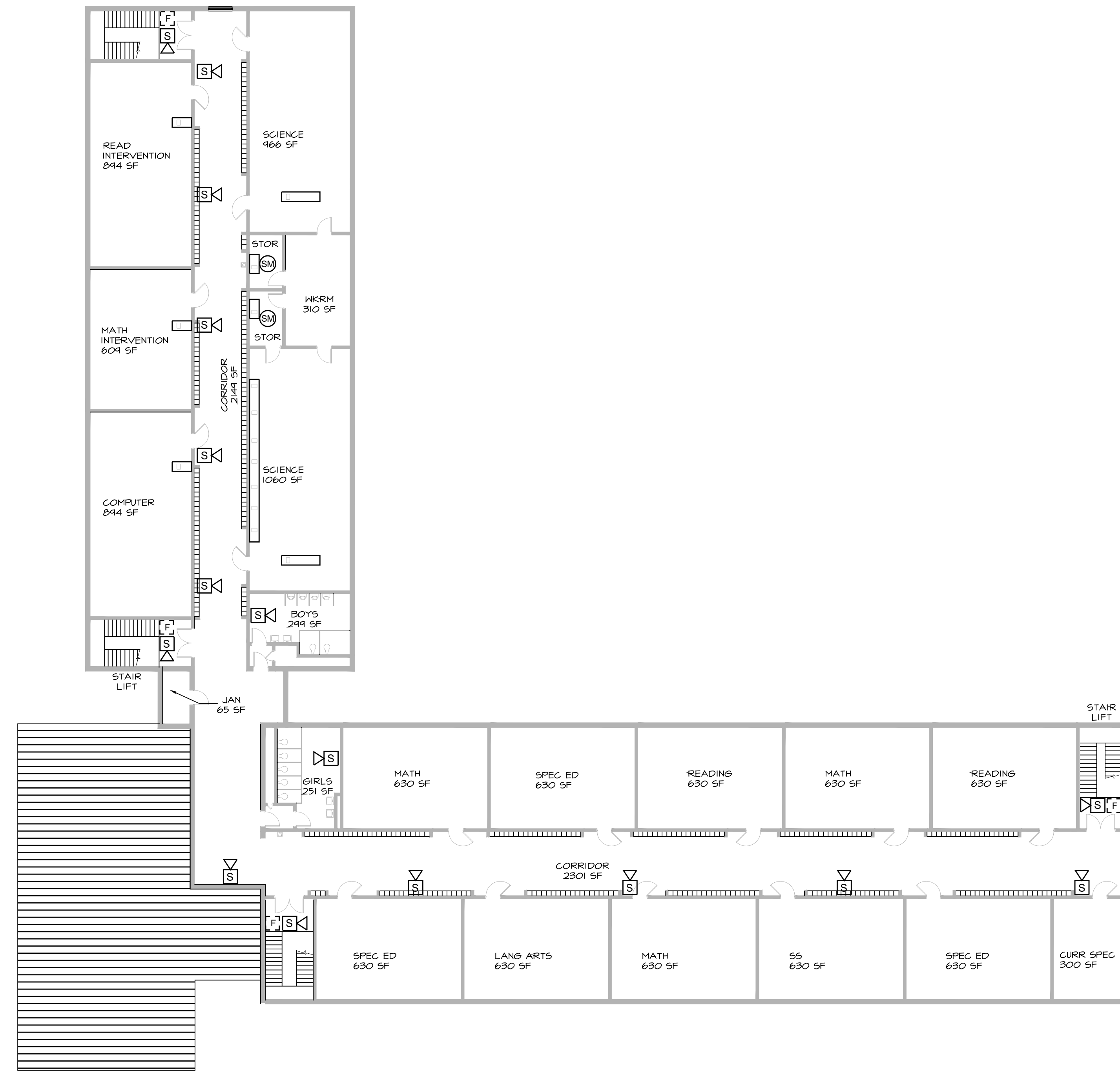
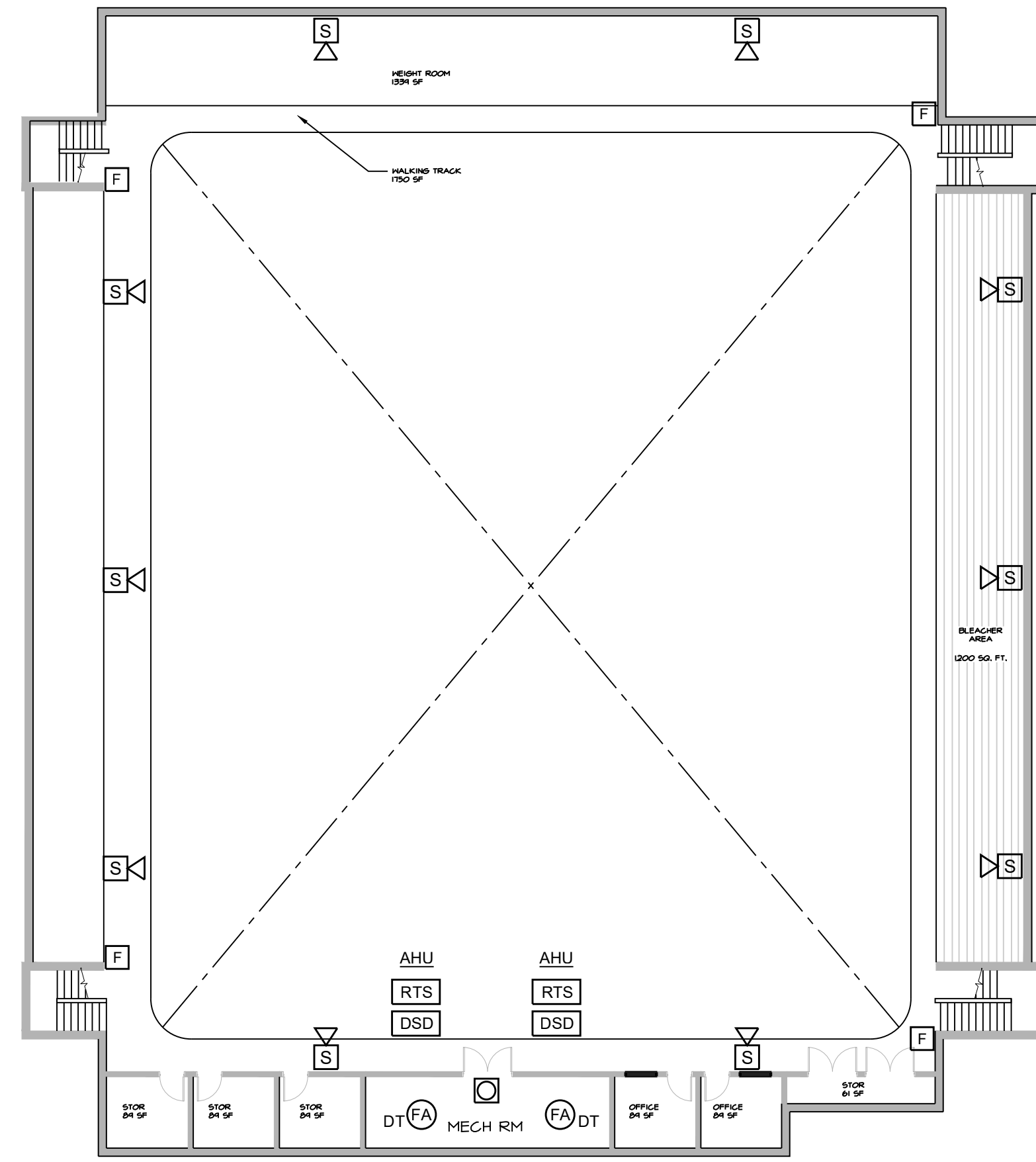




1 FIRE ALARM LOWER LEVEL
SCALE: 1/16"= 1'-0"



1 FIRE ALARM - GYM UPPER LEVEL
SCALE: 1/16"= 1'-0"



2 FIRE ALARM - SECOND FLOOR PLAN
SCALE: 1/16"= 1'-0"

HENDERSON COUNTY SCHOOLS
SOUTH MIDDLE SCHOOL FIRE ALARM REPLACEMENT
HENDERSON, KENTUCKY
FIRE ALARM - LOWER LEVEL AND SECOND FLOOR PLAN

ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM RBS DESIGN GROUP. THIS DOCUMENT IS THE PROPERTY OF RBS DESIGN GROUP. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM RBS DESIGN GROUP.

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		