

# 10 Year Health Life Safety Report

for

## **Dennis Elementary School**

1499 West Main Street

Decatur, IL 62522



## Decatur Public School District #61

Decatur, Illinois

Macon County

August 2013

111EX07.400



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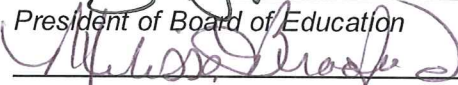
# APPLICATION FOR APPROVAL OF TEN-YEAR SAFETY SURVEY REPORT

(23 IL. Adm. Code Part 180, Sections. 180.310, 180.320, 180.330, 180.340)

<i>NAME OF SCHOOL BUILDING</i> DENNIS ELEM SCHOOL	<i>SURVEY YEAR</i> 2013
<i>NAME AND NUMBER OF SCHOOL DISTRICT</i> Decatur SD 61, 0610	<i>COUNTY</i> Macon
<i>ARCHITECT NAME</i> John S. Whitlock	<i>FIRM</i> BLDD Architects, Inc.
<i>FIRM ADDRESS</i> 100 Merchant Street, Decatur, IL	<i>TELEPHONE NUMBER</i> 2174295105

I certify that the survey referred to herein was prepared by me and to the best of my knowledge is a true and accurate.

- Building in Full Compliance.
- Building Not in Compliance

8/1/2013	John S. Whitlock
<i>Date</i>	<i>Printed Name Architect/Engineer</i>
<i>8/28/13</i>	
<i>Date</i>	<i>President of Board of Education</i>
<i>8/28/13</i>	
<i>Date</i>	<i>Secretary of Board of Education</i>
11/30/2014	001-017760
<i>Expiration Date</i>	<i>License Number</i>



[Seal and Signature]

Failure to submit accurate and complete safety survey reports as required shall subject a school district to the recognition provisions of 23 Illinois Administrative Code 180.

## REQUEST FOR AUTHORIZATION To use Fire Prevention and Safety Funds

Amendment Number

### PART I. CERTIFICATION OF ESTIMATED COSTS

**This is to certify that:**

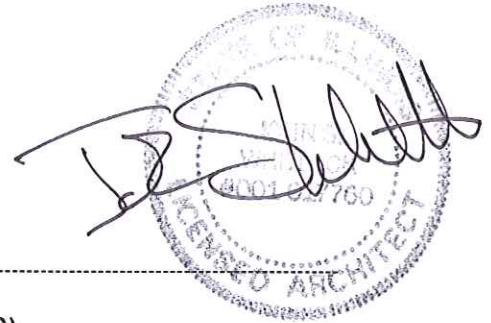
The DENNIS ELEM SCHOOL school, located at 1499 W Main St Decatur, Illinois, and under the management and control of the Board of Education of School District # 0610, Macon County, was surveyed by me on 8/1/2013.

All of the urgent or necessary work as indicated on the attached Form 35-48 is necessary to abate the violations of applicable code requirements and should result in effecting compliance with said requirements within prescribed timelines. No violations of applicable code requirements other than those cited in previously approved safety survey reports or amendments and those noted in this survey or amendment were noted.

All other work recommended in the attached Form 35-48, though not required to abate violations of applicable requirements of the Health/Life Safety Code for Public Schools, is recommended for energy conservation; disabled accessibility; school security; repair of school sidewalks, playgrounds, parking lots, or school bus turnarounds; and other repair purposes provided in Section 17 2.11 of the School Code.

The certified estimated cost figures were prepared by me and to the best of my knowledge are true and accurate estimates of the costs to execute the work as specified. The total estimated costs to finance the work involved is \$ 590,460.00.

Name of Architect/Engineer John S. Whitlock	Name of Firm BLDD Architects, Inc.
Phone Number 2174295105	Fax Number 2174295167
License Number 001-017760	Expiration Date 11/30/2014
Email Address john.whitlock@bldd.com	
<i>(Seal and Signature)</i>	



### PART II. CERTIFICATION OF NEED (Provided by district through IWAS)

The local Board of Education hereby certifies and assures the State Board of Education:

- a. Based upon the report of the architect referred to above, the district faces total estimated costs of \$ to finance the work involved.
- b. The district has \$ available in its or operations and maintenance fund and/or fire prevention and safety fund to finance the work.
- c. The district needs to raise \$ in additional revenue through the levy of the Fire Prevention and Safety Tax or issuance of Bonds to finance the recommended work.
- d. Plans and specifications for the work will be submitted to the Regional Superintendent for review and approval.
- e. The work to be financed with Fire Prevention and Safety funds will not commence until the Certificate of Approval of the State Superintendent is received, the detailed plans and specifications have been approved by the regional superintendent and the regional superintendent (or other lawful agency) has issued an appropriate Order to Effect Compliance with the Health/Life Safety Code for public schools (or other lawful order requiring the work to be done).
- f. All work authorized by the District will be executed in conformity with all applicable codes.
- g. In the case of work recommended to repair school sidewalks, playgrounds, parking lots, or school bus turnarounds the notice and hearing requirements of Section 17-2.11 of the School Code were complied with by publishing the required notice on and holding the required public hearing on .

(35-76) (7/07) Prescribed by ISBE for ISBE Use

# VIOLATION AND RECOMMENDATION SCHEDULE

(23 IL Adm. Code 180, Sections 180.320)

1. COUNTY CODE <b>055, Macon</b>		2. DISTRICT CODE/NAME <b>0610, Decatur SD 61</b>		3. FACILITY CODE/NAME <b>DENNIS ELEM SCHOOL</b>		
4. Item ID	5. Location(s) (Room No)	6. Priority Code	7. Rule Violated	8. Description of the violation	9. Recommendation to correct violation	
1	Classroom 302, 301, 201, 212	a.	430 ILCS 60	Safety glazing label on display/book case is not readily visible	Verify if glass in display cases is safety glazing. If not, replace with safety glass	
2	Stair 316	a.	PM 304.14/430 ILCS 60	Glazing is cracked at landing	Replace glazing	
3	Classroom 005, 008, 141, 138, 234, 230	a.	430 ILCS 60	Safety glazing label is not readily visible on classroom door and adjacent glazing	Verify if glass in classroom doors is safety glazing. If not, replace with safety glass	
4	Classroom 234, 230, 141, 138, 005, 008	a.	185.370.m.7.B	Fire doors shall not be held open by door stops, wedges, and other unapproved hold-open devices	Remove / discontinue use of manual door stop.	
5	Corridor 139, 007, 126, Mechanical 011, Classroom 005A	a.	185.370.m.6.B.i	Door 139A does not close / out of alignment with frame	Adjust door and hardware to re-align door within frame	
6	Corridor 231, 007	a.	PM 604.3	Electrical Panel cover not locked / open during review	Lock electrical panels	
7	Door 219B	a.	PM 304.14/430 ILCS 60	Glazing above door has cracked	Replace glazing	
8	Stairs 228	a.	PM 304.14/430 ILCS 60	Glazing has cracked	Replace glazing	
9	Classroom 108 Exterior Exit E	a.	185.370.b.4.C	Exterior door is 5'-10" tall with 6'-2" clear immediately adjacent to the door lacking the required head height	Alter ceiling height to maintain minimum clear headroom height	
10	Classroom 116, Corridor 121, Learning Center 104	a.	185.370.m.2.A.iii	Location of boxes and furniture prevent required egress from space	Remove obstruction	
11	Classroom 305, 307, 309, 205, 208, 213	a.	430 ILCS 60	Safety glazing label on display/book case is not readily visible	Verify if glass in display cases is safety glazing. If not, replace with safety glass	
12	Door 111B	a.	185.370.b.4.D	Carpet/flooring is loose causing tripping hazard. The transition strip at door opening has become detached	Install transition strip at opening to prevent buckle in carpet at opening	
13	Door 211A, 212A	a.	185.370.m.7.B	Fire doors shall not be held open by door stops, wedges, and other unapproved hold-open devices	Remove / discontinue use of manual door stop.	
14	Door 212A, 214A, 108A, 121B	a.	185.370.m.2.B.i	Door does not close/out of alignment with frame	Adjust door and hardware to re-align door within frame	
15	Stair C/ Exit G	a.	PM 304.14/16, 185.370.m.6.C.i	Exterior door does not operate properly. The door sticks. Door position also allows gap below frame compromising the building envelope.	Remove and install new door and frame or adjust existing to work within the same opening	
					Adjust door and hardware to re-align door	

16	Stairs 307 and 205	a.	185.370.m.2.B.i	Door does not close/out of alignment with frame	Adjust door and hardware to re-align door within frame
17	Storage 102	a.	185.370.m.7.B	Fire doors shall not be held open by door stops, wedges, and other unapproved hold-open devices	Remove / discontinue use of manual door stop.
18	Teachers Lounge 001	a.	185.395.c.2.A	Storage rooms require detectors and main space	Install detector in storage room
19	Corridor 007	a.	185.370.a6B	East end of corridor requires exit sign to stairs	Install exit signs at stair doors.
20	Stairwell 117, 106	a.	185.395.d.3.B, 175.470.f	Pull stations required adjacent to exterior doors (in the natural path of escape from a fire)	Install pull stations adjacent to exterior doors
21	Stairwell 117, Stage 144	a.	185.370.a6B	Bottom of stairs at exterior doors requires exit sign	Install exit signs at stair doors
22	Corridor 219	a.	185.370.a6B	South end of corridor requires exit sign to corridor 231	Install exit signs at stair doors
23	Stair 236, 013	a.	185.370.a.6.C	Existing emergency lights not sufficient	Install additional emergency lights
24	Vestibule 107, 132A, 001	a.	185.395.d.3.B, 175.470.f	Pull stations required adjacent to exterior doors (in the natural path of escape from a fire)	Install pull stations adjacent to exterior doors
25	Stairs 236, 228, 316, 307	a.	185.395.c.2.F	Top of stair shafts require fire detectors	Install detector in activity room
26	Corridor/stair 136	a.	185.370.a.6.C	Exit corridor requires emergency light	Install emergency light in corridor at east end of stairwell
27	Corridor 126	a.	185.510.a4	Existing water cooler requires safety outlet	Install GFI outlet
28	Classroom 301	b.	PM 305.3	Wall below window and above casework shows signs of water damage	Investigate source of damage and repair surface
29	Social Worker 318 Door	b.	PM 304.14/430 ILCS 60	Glass not tempered safety glazing.	Replace glazing
30	Classroom 005, 141, 008	b.	PM 305.1	Ceiling in center of room appears to be wet	Investigate source of damage and repair surface
31	Corridor 219, 231	b.	PM 305.3	Walls at perimeter show signs of a liquid dripping down the wall	Investigate cause of dripping, clean wall, and repair system
32	Exterior Entry C	b.	PM 304.7	Head of curtain wall shows signs of rust. Wood is also exposed at roof edge	Verify source of water. Provide repair to system. Cover exposed wood with aluminum
33	Exterior Masonry	b.	PM 304.6	Deteriorated / damaged masonry joint sealant at the perimeter of grills	Repoint masonry joints / remove + reseal control joints
34	Mechanical 011	b.	IFC 315.2.3	Storage stacked in mechanical space	Remove storage
35	Storage 004	b.	PM 305.3	Plaster wall is damaged due to water infiltration	Investigate source of damage and repair surface
36	Storage 129	b.	PM 305.1	Hole in plaster ceiling.	Repair ceiling or install hatch to access wires above the ceiling
37	Storage 235, 004, 142, 008B	b.	185.370.m.6.B.ii	Door does not close / out of alignment with frame	Adjust door and hardware to re-align door within frame
38	Vestibule 001, Stair 136, 228	b.	185.370.b.4.D/AHERA	Asbestos containing floor tile is loose, friable, and causing a tripping hazard in vestibule. Stairway tiles are popping.	Remove Asbestos containing floor tile. Install VCT.
39	Library 133	b.	PM 304.7	Light fixtures have water stains. Roof or mechanical system leaking.	Verify source of water. Provide repair to system
40	Boyd 112	b.	PM 305.1	Ceiling tile missing	Install missing tile

41	Classroom Doors	b.	185.370.m.2.A.i	At door 302A, 309A, 310A, 311A, 313A, 314A, 315A, 207A, 208A, 209A, 212A, 215A Door has thumb turn installed on door	Remove keyed lockset. Install lock / latch set self operable from inside of room
42	Exterior Masonry	b.	PM 304.6	Masonry wall has hole in exterior envelope	Repair / replace cracked or spalling masonry
43	Stair C	b.	185.370.b.4.C	Stairs lack required head clearances. Ceiling is 5'-11" above stair nosing near bottom landing.	Reconstruct structure above stairs to allow for clearances at stairs
44	Stair C	b.	PM 305.3	Wall near boiler room door is damaged due to water infiltration.	Investigate source of damage and repair surface
45	Storage 142, 004	b.	185.510.a	Light fixture missing bulb and lens	Install bulb and lens in light fixture
46	Facility	b.	185.510.b	Existing fire alarm system worn beyond its useful life	Replace fire alarm system and update system
47	Exterior Window Exit C	c.	ILCS 5/17-2.11 / PM 304.14/16	Glazing sealant has deteriorated and is falling out	Replace curtain wall system or replace sealant
48	Exterior Walls	c.	ILCS 5/17-2.11	All exterior windows are original un-insulated glass with metal frames. Windows allow substantial air infiltration and heat loss/gain.	Remove and install new window system
49	Boys Toilets 134, 118	c.	185.710	Existing constant flush urinals are inefficient, health hazard, and worn out	Replace urinals

# SCHEDULE OF RECOMMENDED WORK ITEMS AND ESTIMATED COSTS

1. COUNTY CODE 055, Macon			2. DISTRICT CODE/NAME 0610, Decatur SD 61			3. FACILITY CODE/NAME DENNIS ELEM SCHOOL					
4. Item I.D.	5. Action I.D.	6. Priority Code	7. Specification(s)	8. Units Of Measure	9. Quantity	10. Labor Code	11. Estimated Cost (Architect / Engineer)	12. ROE Adjustment	13. ISBE Adjustment	14. Estimated Completion Date	15. Funding Type
1	f	a.	Verify if glass in display cases is safety glazing. If not, replace with safety glass	ea	4	2	\$800.00			8/1/2014	F
2	b	a.	Replace glazing	ea	1	2	\$200.00			8/1/2014	F
3	b	a.	Verify if glass in classroom doors is safety glazing. If not, replace with safety glass	ea	6	1	\$600.00			8/1/2014	F
4	b	a.	Remove / discontinue use of manual door stop.	ea	6	1	\$0.00			8/1/2014	F
5	c	a.	Adjust door and hardware to re-align door within frame	ea	1	1	\$250.00			8/1/2014	F
6	f	a.	Lock electrical panels	ls	1	1	\$50.00			8/1/2014	F
7	b	a.	Replace glazing	ea	1	2	\$200.00			8/1/2014	F
8	b	a.	Replace glazing	ea	1	1	\$200.00			8/1/2014	F
9	b	a.	Alter ceiling height to maintain minimum clear headroom height	LS	1	2	\$4,000.00			8/1/2014	F
10	b	a.	Remove obstruction	ls	1	1	\$0.00			8/1/2014	F
11	b	a.	Verify if glass in display cases is safety glazing. If not, replace with safety glass	ea	6	2	\$1,200.00			8/1/2014	F
12	e	a.	Install transition strip at opening to prevent buckle in carpet at opening	ls	1	2	\$100.00			8/1/2014	F
13	b	a.	Remove / discontinue use of manual door stop.	ea	2	1	\$0.00			8/1/2014	F
14	c	a.	Adjust door and hardware to re-align door within frame	ea	1	1	\$250.00			8/1/2014	F
15	c	a.	Remove and install new door and frame or adjust existing to work within the same opening	ea	2	2	\$5,000.00			8/1/2014	F
16	c	a.	Adjust door and hardware to re-align door within frame	ea	1	1	\$250.00			8/1/2014	F
17	b	a.	Remove / discontinue use of manual door stop.	ea	1	1	\$0.00			8/1/2014	F
18	f	a.	Install detector in storage room	ea	1	1	\$250.00			8/1/2014	F
19	f	a.	Install exit signs at stair doors	ea	1	1	\$250.00			8/1/2014	F

19	f	a.	Install exit signs at stair doors.	ea	1	1	\$250.00			8/1/2014	F
20	f	a.	Install pull stations adjacent to exterior doors	ea	2	1	\$250.00			8/1/2014	F
21	f	a.	Install exit signs at stair doors	ea	2	1	\$500.00			8/1/2014	F
22	f	a.	Install exit signs at stair doors	ea	1	1	\$250.00			8/1/2014	F
23	f	a.	Install additional emergency lights	ea	2	1	\$500.00			8/1/2014	F
24	f	a.	Install pull stations adjacent to exterior doors	ea	3	1	\$250.00			8/1/2014	F
25	f	a.	Install detector in activity room	ea	4	1	\$1,000.00			8/1/2014	F
26	f	a.	Install emergency light in corridor at east end of stairwell	ea	1	1	\$250.00			8/1/2014	F
27	f	a.	Install GFI outlet	ea	1	1	\$100.00			8/1/2014	F
28	c	b.	Investigate source of damage and repair surface	ls	1	2	\$500.00			8/1/2018	F
29	b	b.	Replace glazing	ea	1	2	\$100.00			8/1/2018	F
30	c	b.	Investigate source of damage and repair surface	ls	3	2	\$1,500.00			8/1/2018	F
31	c	b.	Investigate cause of dripping, clean wall, and repair system	ls	1	1	\$500.00			8/1/2018	F
32	c	b.	Verify source of water. Provide repair to system. Cover exposed wood with aluminum	ls	1	2	\$2,000.00			8/1/2018	F
33	c	b.	Repoint masonry joints / remove + reseal control joints	ls	1	2	\$500.00			8/1/2018	F
34	b	b.	Remove storage	ls	1	1	\$0.00			8/1/2018	F
35	c	b.	Investigate source of damage and repair surface	ls	1	2	\$500.00			8/1/2018	F
36	c	b.	Repair ceiling or install hatch to access wires above the ceiling	ls	1	1	\$100.00			8/1/2018	F
37	c	b.	Adjust door and hardware to re-align door within frame	ea	4	1	\$1,000.00			8/1/2018	F
38	b	b.	Remove Asbestos containing floor tile. Install VCT.	sf	100	2	\$600.00			8/1/2018	F
39	c	b.	Verify source of water. Provide repair to system	ea	1	2	\$500.00			8/1/2018	F
40	f	b.	Install missing tile	ea	1	1	\$50.00			8/1/2018	F
41	b	b.	Remove keyed lockset. Install lock / latch set self operable from inside of room	ea	12	2	\$900.00			8/1/2018	F
42	c	b.	Repair / replace cracked or spalling masonry	ls	1	2	\$250.00			8/1/2018	F
43	e	b.	Reconstruct structure above stairs to allow for clearances at stairs	ls	1	2	\$3,500.00			8/1/2018	F



44	c	b.	Investigate source of damage and repair surface	ls	1	2	\$500.00			8/1/2018	F
45	c	b.	Install bulb and lens in light fixture	ea	1	1	\$100.00			8/1/2018	F
46	f	b.	Replace fire alarm system and update system	ea	1	2	\$43,800.00			8/1/2018	F
47	c	c.	Replace curtain wall system or replace sealant	ls	1	2	\$10,000.00			8/1/2023	F
48	c	c.	Remove and install new window system	sf	6025	2	\$397,650.00			8/1/2023	F
49	f	c.	Replace urinals	ea	9	2	\$10,800.00			8/1/2023	F

					Original Subtotal	\$492,050.00		Adjusted Subtotal	\$492,050.00	
					Original 10.00% Contingency	\$49,205.00		Adjusted 10.00% Contingency	\$49,205.00	
					Original 10.00% A/E Fees	\$49,205.00		Adjusted 10.00% A/E Fees	\$49,205.00	
					Original Grand Total	\$590,460.00		Adjusted Grand Total	\$590,460.00	

Items with a Funding Type of 'O' are not included in the cost calculation.  
35-48 (7/07) (Prescribed by ISBE for Local Board Use)

# 10-year Safety Survey Report

Dennis Elementary School  
Decatur Public School District #61

## DESCRIPTION OF EXISTING CONDITIONS

### I. GENERAL

ENROLLMENT: 311 Students. Kindergarten through Grade 6.

CONSTRUCTION: Original Building (1910): Height = three story; Construction Type = Type IV - Ordinary Construction; Protection Classification = Non-sprinklered; Plan Classification = Type C, enclosed interior.

1927 Addition: Height = three story; Construction Type = Type I - Fire Resistive Construction; Protection Classification = Non-sprinklered; Plan Classification = Type C, enclosed interior.

1954 Addition: Height = two story and basement; Construction Type = Type I - Fire Resistive Construction; Protection Classification = Non-sprinklered; Plan Classification = Type C, enclosed interior.

1973 Addition: Height = one story; Construction Type = Type II - Unprotected, Non-combustible; Protection Classification = Non-sprinklered.

2004 Addition: Height = one story; Construction Type = 2C; Protection Classification = Non-sprinklered; Occupancy Type = E.

MEANS OF EGRESS: The means of egress is through corridors and stairways which lead to exterior doors at grade. There are ramps located between the original building and the 1927 addition due to the difference in floor levels. The grade varies by 1 story between exits on the southwest versus the north and east exits. Stairways are used throughout the school to reach grade at exits.

LOCAL FIRE ALARM SYSTEM: A non-coded, supervised, continuous ringing fire alarm system consisting of break glass stations and horns exists. A fire alarm control panel is located in the General Office on the second floor.

NEAREST FIRE STATION: Decatur City Fire Department, Fire Station No. 3; 1308 W. Eldorado Street, Decatur, IL

CITY WATER: Domestic water is provided to this building by a 4 inch water service from a 6 inch water main running under the curb along West Main Street. A shutoff valve is provided at the curb. The water service enters the building through the east side of the Boiler Room. The water meter and shut off valve is located within the boiler room.

II. CONSTRUCTION DETAILS

YEAR BUILT: Original Building 1910 with additions in 1927, 1954, 1973 and 2004.

HEIGHT: Three stories

FLOOR AREA: 1910 original building: 16,906 S.F. - 1st - 3rd Floors  
1927 addition: 7,845 S.F. - 1st - 3rd Floors  
1954 addition: 21,709 S.F. - Basement - 2nd Floor  
1973 addition: 2,539 S.F. - 1st Floor  
2004 addition: 334 S.F. - 1st Floor  
**Total: 49,330 S.F.**

EXTERIOR WALL CONSTRUCTION: Brick façade with masonry back-up.

FLOOR CONSTRUCTION: The first floor of the original and 1927 additions are concrete slab on grade. (Bearing walls of the original and 1927 additions are 12" and 16" masonry.) Floor construction of floor levels in the original construction is wood frame.

In the 1927 addition, the second and third floor framing is steel joists which are covered with thin concrete slabs.

The footings of the 1954 addition are of reinforced concrete. Where floor levels are at grade, floors consist of concrete slabs. Floors above grade consists of reinforced concrete slab over bar joists.

The 1973 addition is one story. The floor consists of slab on grade.

ROOF CONSTRUCTION: The roof construction of the original roof is wood framing.

The roof construction of the 1927 addition consists of steel joist framing with a thin concrete slab roof.

The roof construction of the 1954 addition is reinforced concrete slab over steel joists. The general purpose room roof of the 1954 addition is framed with longspan steel joist. These joist bear on a concrete girder at one end and on masonry at the other end. The roof deck over the general purpose room consist of 2-1/2" poured gypsum concrete.

INTERIOR WALL CONSTRUCTION: Original Building = masonry and plastered masonry.  
1927 Addition = similar to original building.  
1954 Addition = tile and gypsum plaster.  
1973 Addition = masonry

INTERIOR FINISH: Paint over masonry, plaster and gypsum board.

TRANSOMS AND CEILING-LEVEL GLASS: None

III. EGRESS FACILITIES

GRADE EXITS:	Adequate and well arranged.
CORRIDORS:	Adequate in width, height and smoke screen doors. Exit capacities are sufficient.
STAIRWAYS:	The stairways generally conform with the requirements for stairways as a continuation of exit access corridors according to part 185.380(c)(3). Stairways are located so that there are no dead end corridors. The arrangement, location, and widths of all stairs and corridors are shown on drawings. Door swings and locations of doors are shown on drawings also.
WINDOWS:	Windows do not qualify as secondary means of egress.
FIRE ESCAPE:	None
EXIT SIGNS:	Exit signs are adequately located and illuminated.
EMERGENCY LIGHTING:	Emergency lighting units properly located.

IV. SPECIAL OCCUPANCIES

GENERAL PURPOSE ROOM:	This room (room 145) is used for physical education, assembly, and lunch for students. There are two paths of egress leading from this room to grade exits. There are two double doors at the east side of room 145 which leads to a grade exit. The other door at the southwest corner leads to a stairway which leads to a grade exit on the west side of the building.
GYMNASIUM:	None
BOILER ROOM:	Completely separated from the remainder of the building.
MECHANICAL EQUIPMENT & STORAGE ROOMS:	Completely separated from the remainder of the building.

V. UTILITIES

HEATING AND VENTILATION:	<p>HVAC - original building: Three new gas-fired boilers (795 mbh each) Smith Cast Iron model GB300-S-14 gas fired low pressure steam boilers with all life safety controls supplies low pressure steam to fan coil units in each classroom for the facility.</p> <p>HVAC – 1910/1927 addition: A new Trane 75 ton RTU Space heating and cooling supplies ventilation air to the classrooms with the DX cooling/hot water heat rooftop unit.</p> <p>HVAC – 1973 Library addition: RTU Space heating and cooling supplies ventilation air to the library with the DX cooling/hot water heat rooftop unit.</p>
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HEAT DISTRIBUTION:	Heat is distributed throughout the building by a two pipe low pressure steam system to unit ventilators and convectors in each of the classrooms, auditorium unit ventilators in the general purpose room, and to convectors in the toilets and administrative offices. Temperature is controlled by thermostat located within each educational occupancy.
VENTILATION	The building has classroom type unit ventilators in all of the original building classrooms and rooftop units supplying fresh air to the later additions through ceiling diffusers.
AIR CONDITIONING:	The Principals office and teachers room have a window air conditioner with rooftop units supplying fresh air to the library addition through ceiling diffusers.
WATER HEATER:	The hot water heater is a State - Sandblaster 75 gallon 120BTU unit.
INCINERATOR:	None.
GAS SERVICE:	Gas service is provided to this building by a 2 inch gas service from a 4" line located below Wood Street. The gas line enters the building through the south wall of the mechanical equipment room, and serves the boiler. A meter pressure regulator and shut-off valve are provided outside the building.
ELECTRICAL SYSTEM:	<p>There is also a Trunbell Electrical Distribution Panel. These panels provide electricity for the kitchen, heaters in old building, office stage panel, and panel for classrooms in the 1973 addition. Room 128 electrical equipment - one 600 amp, 240v, Square D panel. one 200 amp, 240, Square D panel, One 100amp, 240v, branch panel.</p> <p>Emergency lighting in the 1910/1927 building has new lay-in fluorescent emergency lights, all other additions have wall mounted battery backup units.</p>
PLUMBING:	Domestic water for this school is provided by a 4" water service from a 6" water main running under the curb along West Main Street. A shut off valve is provided at the curb. The water service enters the building through the east side of the Boiler Room. A water meter and shut-off valve is provided inside the Boiler Room.
VI. <u>PRIVATE PROTECTION</u>	
FIRE ALARM SYSTEM:	A non-coded, supervised, continuous ringing alarm system consisting of pull stations and horns. The annunciator panel is located at the second floor General Office.
AUTOMATIC SPRINKLERS:	None.
AUTOMATIC HEAT DETECTION:	Located in storage rooms, multi-purpose, library, stairs, as shown on facility drawings.
STANDPIPE HOSE LINES:	None.

FIRE EXTINGUISHERS:

Portable fire extinguishers are located as indicated on the drawings.

SECURITY SYSTEM

VII.

Security system is monitored through motion detectors and key pads

ENERGY CONSERVATION

VIII.

Thermostat temperature control system has automatic set-backs by Delta Controls

ASBESTOS ABATEMENT

IX.

To the best of BLDD Architects knowledge, the building is in compliance with (AHRA) Asbestos Hazard emergency response.

LEAD PAINT

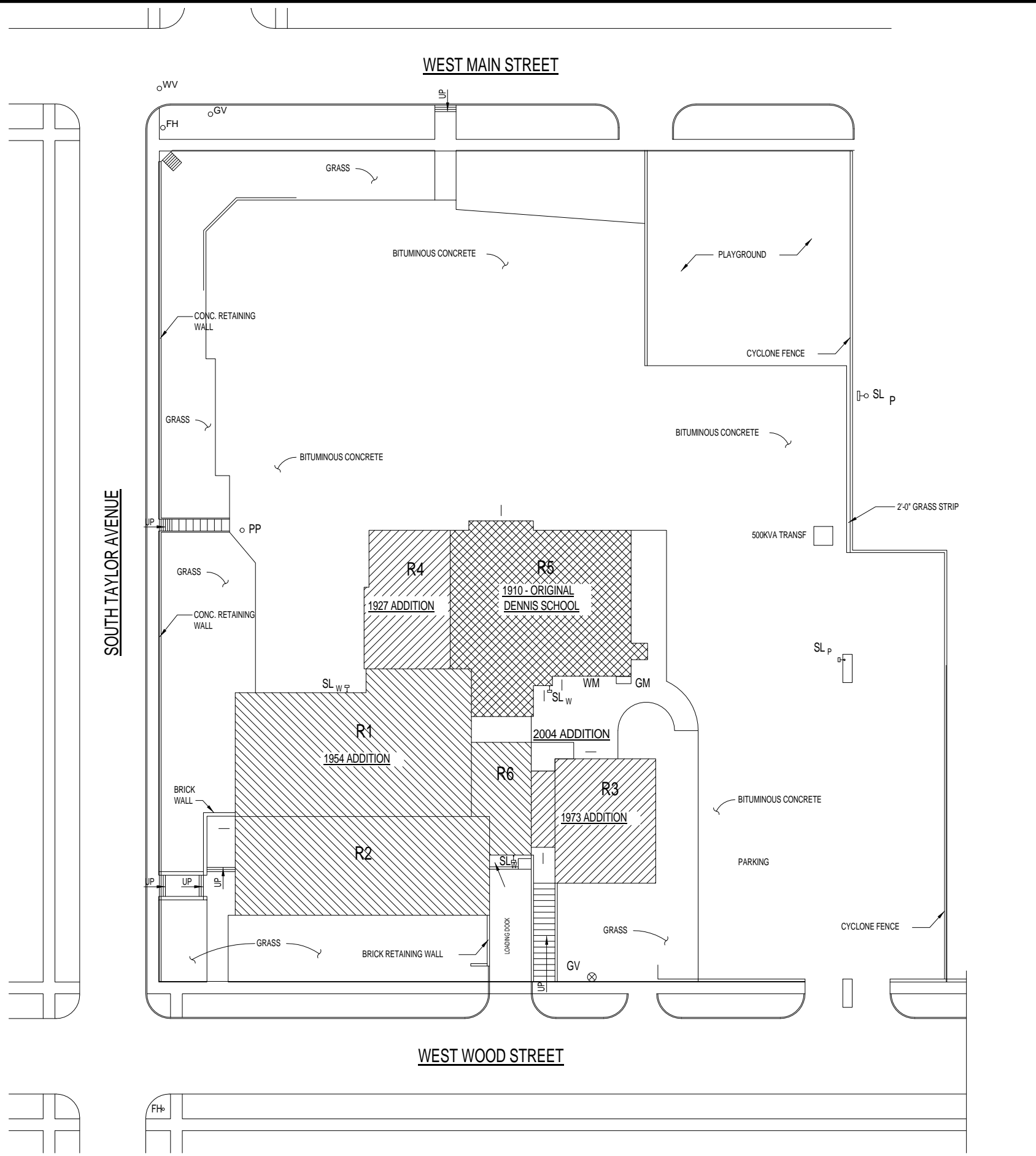
X.

No peeling paint was observed.

PAVING

XI.

Drives, parking lots and sidewalks are in satisfactory condition.



**ABBREVIATIONS**

EM	ELECTRICAL METER
GM	GAS METER
DC	DUST COLLECTOR
GS	GAS STORAGE
PP	POWER POLE
EF	ELECTRIC FEED

**SYMBOLS LEGEND**

SL <sub>p</sub> ⌋	SITE LITE (POLE)
SL <sub>s</sub> ☐	SITE LITE (SOFFIT)
SL <sub>w</sub> ⌋	SITE LITE (WALL)
FH ○	FIRE HYDRANT
GV ⊗	GAS VALVE
⊙ XXX	RECOMMENDATION TAG

date \_\_\_\_\_  
 revised \_\_\_\_\_  
 drawn by \_\_\_\_\_  
 checked by \_\_\_\_\_

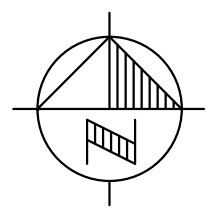


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 Design Firm  
 Registration  
 #184-000723

HEALTH AND LIFE SAFETY SURVEY FOR  
 DECATUR PUBLIC SCHOOL DISTRICT NO. 61  
 DENNIS SCHOOL  
 DECATUR, IL

sheet  
**A100**  
 project  
 111EX07.400

1 SITE PLAN  
 1" = 50'-0"



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### FIRE SEPARATION PARTITIONS

SMOKE	-----
30 MIN.	-----
45 MIN.	-----
1 HR	-----
2 HR	-----

### GENERAL NOTES

Original Building (1910)  
 Height = three story  
 Construction Type : Type IV-Ordinary Construction  
 Protection Classification : Non-sprinklered Plan  
 Classification : Type C, enclosed interior.

1927 Addition  
 Height = three story  
 Construction Type : Type I - Fire Resistive Construction  
 Protection Classification : Non-sprinklered Plan  
 Classification : Type C, enclosed interior.

1954 Addition  
 Height : two story and basement  
 Construction Type: Type I - Fire Resistive Construction  
 Protection Classification : Non-sprinklered Plan  
 Classification : Type C, enclosed interior.

1973 Addition  
 Height: one story  
 Construction Type: Type II - Unprotected, Non-combustible  
 Protection Classification : Non-sprinklered.

2004 Addition  
 Height : one story  
 Construction Type: 2C  
 Protection Classification : Non-sprinklered; Occupancy  
 Type : E

BASEMENT FLOOR TOTAL SF: 5039  
 1ST FLOOR TOTAL SF: 22477  
 2ND FLOOR TOTAL SF: 13846  
 3RD FLOOR TOTAL SF: 7968

BASEMENT FLOOR OCCUPANCY: 126  
 1ST FLOOR OCCUPANCY: 1056  
 2ND FLOOR OCCUPANCY: 383  
 3RD FLOOR OCCUPANCY: 238

date \_\_\_\_\_

revised \_\_\_\_\_

drawn by \_\_\_\_\_

checked by \_\_\_\_\_



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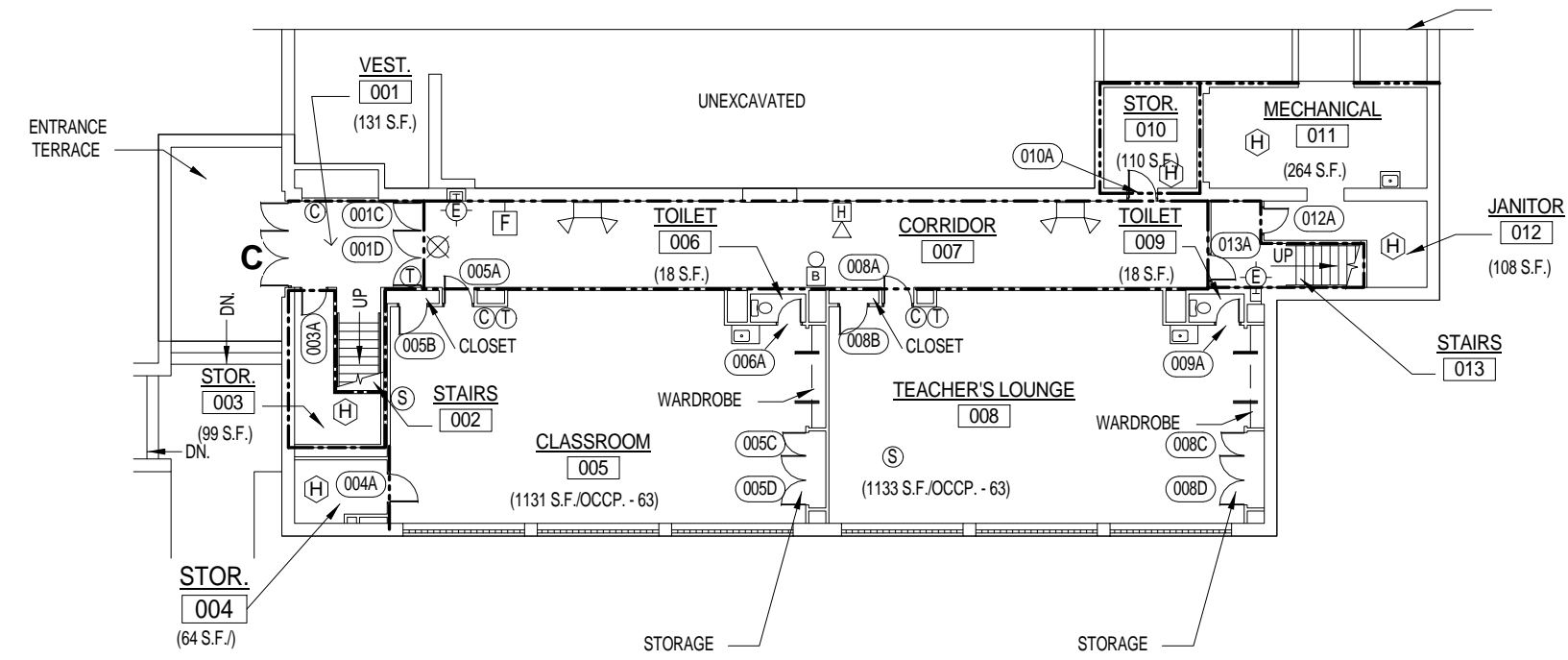
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 Registration  
 #184-000723

### SYMBOL LEGEND

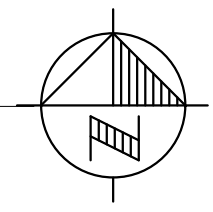
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- EMERGENCY LIGHT (HEAD ONLY)
- EXIT LIGHT
- EXIT LIGHT W/DIRECTIONAL ARROW
- FIRE EXTINGUISHER
- FIRE ALARM HORN
- FIRE BREAK STATION
- FIRE ALARM PULL STATION
- PROGRAM BELL
- HEAT DETECTOR
- CLOCK
- SPEAKER
- THERMOSTAT
- SPRINKLER HEAD
- E.W.C. ELECTRIC WATER COOLER
- WATER COOLER
- SECURITY CAMERA
- SPRINKLER HEAD
- FIRE ALARM CONTROL PANEL
- RECOMMENDATION TAG

HEALTH AND LIFE SAFETY SURVEY FOR  
 DECATUR PUBLIC SCHOOL DISTRICT NO. 61  
 DENNIS SCHOOL  
 DECATUR, IL

sheet  
**A101**  
 project  
 111EX07.400

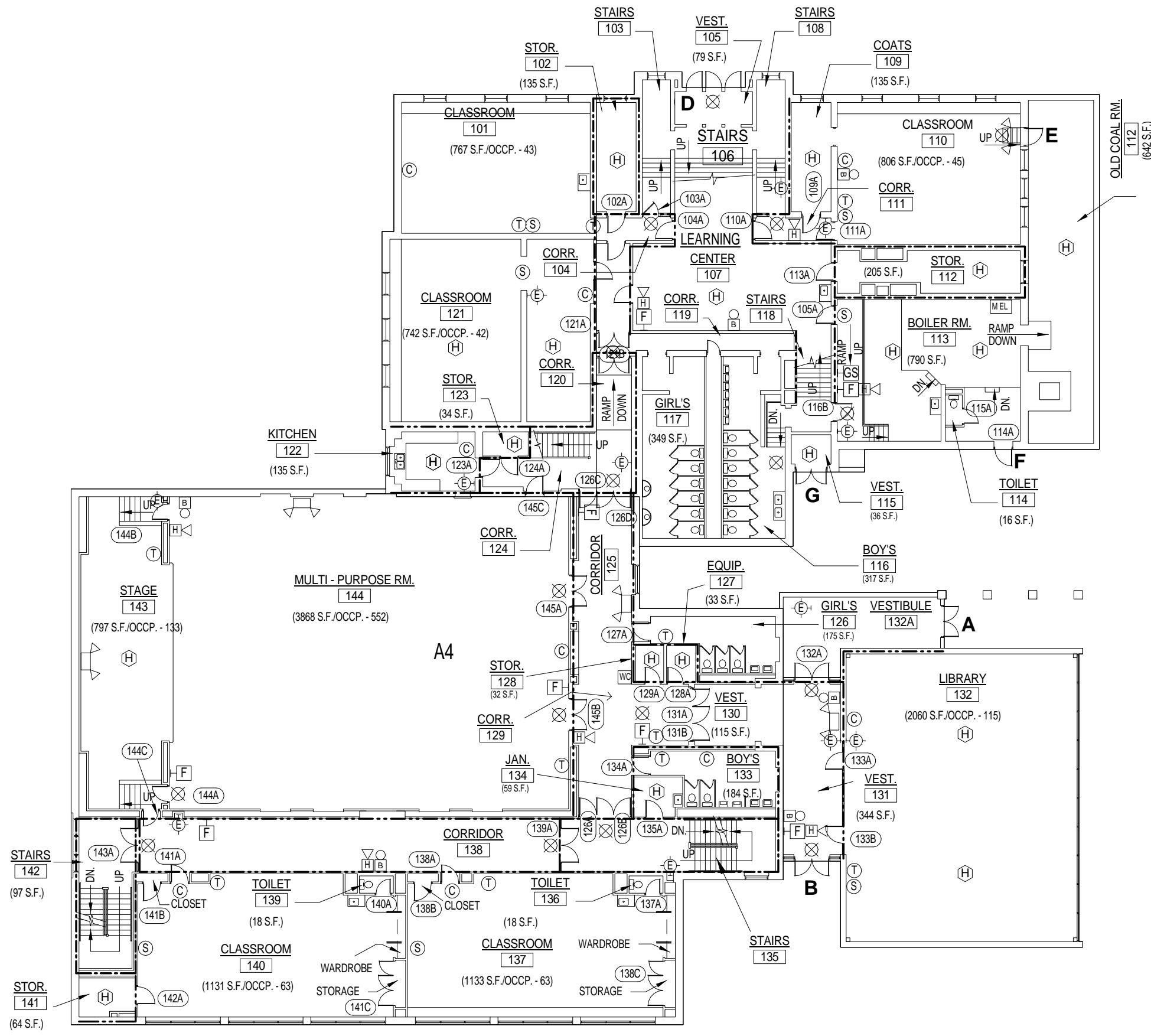


1 BASEMENT FLOOR PLAN  
 1" = 20'-0"



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1 FIRST FLOOR PLAN  
1" = 20'-0"

### FIRE SEPARATION PARTITIONS

SMOKE	-----
30 MIN.	-----
45 MIN.	-----
1 HR	-----
2 HR	-----

### GENERAL NOTES

Original Building (1910)  
Height = three story  
Construction Type : Type IV-Ordinary Construction  
Protection Classification : Non-sprinklered Plan  
Classification : Type C, enclosed interior.

1927 Addition  
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Classification : Type C, enclosed interior.

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Height: one story  
Construction Type: Type II - Unprotected, Non-combustible  
Protection Classification : Non-sprinklered.

2004 Addition  
Height : one story  
Construction Type: 2C  
Protection Classification : Non-sprinklered; Occupancy Type : E

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3RD FLOOR TOTAL SF: 7968

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2ND FLOOR OCCUPANCY: 383  
3RD FLOOR OCCUPANCY: 238

### SYMBOL LEGEND

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	EMERGENCY LIGHT (HEAD ONLY)
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	EXIT LIGHT W/DIRECTIONAL ARROW
	FIRE EXTINGUISHER
	FIRE ALARM HORN
	FIRE BREAK STATION
	FIRE ALARM PULL STATION
	PROGRAM BELL
	HEAT DETECTOR
	CLOCK
	SPEAKER
	THERMOSTAT
	SPRINKLER HEAD
	ELECTRIC WATER COOLER
	WATER COOLER
	SECURITY CAMERA
	SPRINKLER HEAD
	FIRE ALARM CONTROL PANEL
	RECOMMENDATION TAG

date \_\_\_\_\_

revised \_\_\_\_\_

drawn by \_\_\_\_\_

checked by \_\_\_\_\_



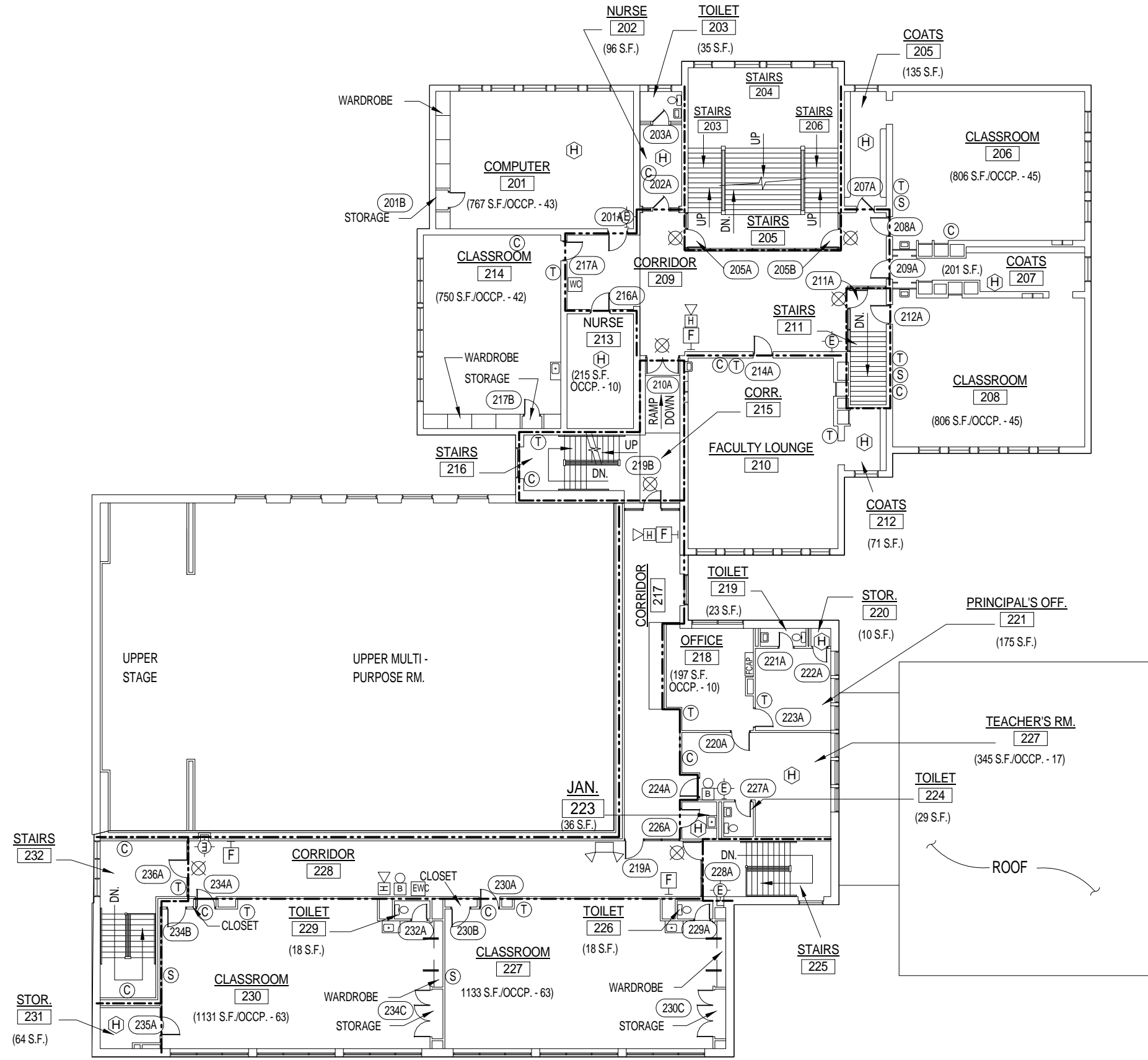
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Fax: 217-429-5167

Design Firm  
Registration  
#184-000723

HEALTH AND LIFE SAFETY SURVEY FOR  
DECATUR PUBLIC SCHOOL DISTRICT NO. 61  
DENNIS SCHOOL  
DECATUR, IL

sheet  
**A102**  
project  
111EX07.400

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1 SECOND FLOOR PLAN  
1" = 20'-0"

**FIRE SEPARATION PARTITIONS**

SMOKE	-----
30 MIN.	-----
45 MIN.	-----
1 HR	-----
2 HR	-----

**GENERAL NOTES**

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Classification : Type C, enclosed interior.

1973 Addition  
Height: one story  
Construction Type: Type II - Unprotected, Non-combustible  
Protection Classification : Non-sprinklered.

2004 Addition  
Height : one story  
Construction Type: 2C  
Protection Classification : Non-sprinklered; Occupancy Type : E

BASEMENT FLOOR TOTAL SF: 5039  
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2ND FLOOR OCCUPANCY: 383  
3RD FLOOR OCCUPANCY: 238

**SYMBOL LEGEND**

- EMERGENCY LIGHT
- EMERGENCY LIGHT (HEAD ONLY)
- EXIT LIGHT
- EXIT LIGHT W/DIRECTIONAL ARROW
- FIRE EXTINGUISHER
- FIRE ALARM HORN
- FIRE BREAK STATION
- FIRE ALARM PULL STATION
- PROGRAM BELL
- HEAT DETECTOR
- CLOCK
- SPEAKER
- THERMOSTAT
- SPRINKLER HEAD
- E.W.C. ELECTRIC WATER COOLER
- WATER COOLER
- SECURITY CAMERA
- SPRINKLER HEAD
- FIRE ALARM CONTROL PANEL
- RECOMMENDATION TAG

date \_\_\_\_\_  
revised \_\_\_\_\_  
drawn by \_\_\_\_\_  
checked by \_\_\_\_\_

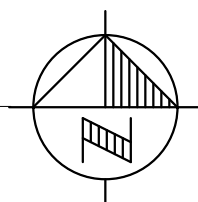


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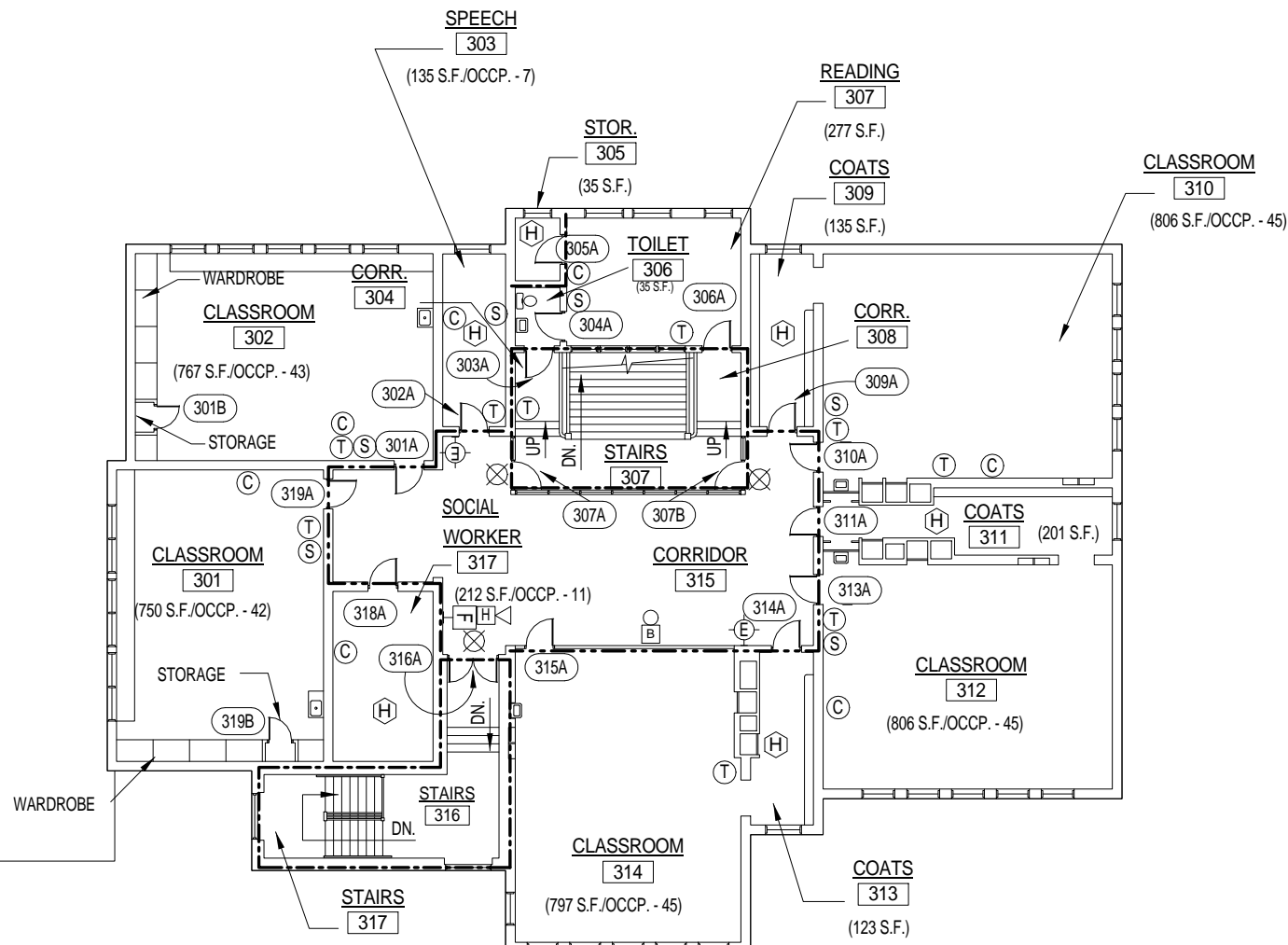
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Registration  
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HEALTH AND LIFE SAFETY SURVEY FOR  
DECATUR PUBLIC SCHOOL DISTRICT NO. 61  
DENNIS SCHOOL  
DECATUR, IL

sheet  
**A103**  
project  
111EX07.400



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### FIRE SEPARATION PARTITIONS

SMOKE	-----
30 MIN.	-----
45 MIN.	-----
1 HR	-----
2 HR	-----

### GENERAL NOTES

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 Protection Classification : Non-sprinklered Plan  
 Classification : Type C, enclosed interior.

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 Height = two story and basement  
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 Protection Classification : Non-sprinklered Plan  
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**1973 Addition**  
 Height: one story  
 Construction Type: Type II - Unprotected, Non-combustible  
 Protection Classification : Non-sprinklered.

**2004 Addition**  
 Height : one story  
 Construction Type: 2C  
 Protection Classification : Non-sprinklered; Occupancy Type : E

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	THERMOSTAT
	SPRINKLER HEAD
	ELECTRIC WATER COOLER
	WATER COOLER
	SECURITY CAMERA
	SPRINKLER HEAD
	FIRE ALARM CONTROL PANEL
	RECOMMENDATION TAG

date \_\_\_\_\_

revised \_\_\_\_\_

drawn by \_\_\_\_\_

checked by \_\_\_\_\_

**BLDD ARCHITECTS**

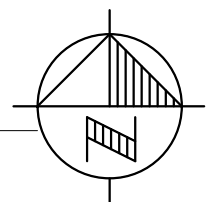
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Design Firm  
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HEALTH AND LIFE SAFETY SURVEY FOR  
 DECATUR PUBLIC SCHOOL DISTRICT NO. 61  
 DENNIS SCHOOL  
 DECATUR, IL

sheet  
**A104**  
 project  
 111EX07.400

1 THIRD FLOOR PLAN  
 1" = 20'-0"



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