

HOH PROJ. 4698

**GENERAL NOTES**

1. THE CAMPUS WAS SURVEYED USING EXISTING AS BUILT DRAWINGS AND THE FIRE ALARM POINTS LIST AS A GUIDE TO LOCATE THE DEVICES TO BE INCLUDED IN THE CONTRACTORS BID.
2. AS SOME DEVICES ARE IN CONFINED SPACES OR OTHERWISE INACCESSIBLE AND COULD NOT BE ACCESSED, THEY MAY NOT HAVE BEEN READILY VISIBLE OR SHOWN ON EXISTING DRAWINGS.
3. THE CONTRACTOR SHALL USE THE POINTS LIST INCLUDED WITH THE SPECIFICATION AS THE DEFINING DOCUMENT AS TO WHAT IS TO BE INCLUDED IN THIS BID.
4. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN AN ACCURATE UP TO DATE SET OF MARKED-UP DRAWINGS SO THAT ANY MISSING OR MIS-LOCATED DEVICES CAN BE UPDATED ON THE FINAL DRAWINGS.



1215 HOUBOLT ROAD  
Joliet, IL 60431-8938

NO.	DATE	DESCRIPTION	HOH BY
0	1/27/17	ISSUED FOR REVIEW	HOH

**ISSUES / REVISIONS**

**KEY PLAN**

**FIRE ALARM UPGRADE**

**A BUILDING FIRST FLOOR PLAN (EAST)**

DRAWN / DESIGNED BY 17/ JH	JOB NO. 4698	SHEET NO. FA-101
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- S** MANUAL PULL STATION
- SD** SYSTEM SMOKE DETECTOR
- D** SYSTEM HEAT DETECTOR
- DD** HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- SP** BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- SR** BEAM SYSTEM SMOKE DETECTOR RECEIVER
- WF** SPRINKLER WATERFLOW INDICATOR
- VSS** SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- PS** SPRINKLER PRESSURE SWITCH
- BPS** BOOSTER POWER SUPPLY
- CR** CONTROL RELAY OR CONTROL MODULE
- CT2** DUAL INPUT MODULE
- CT1** SINGLE INPUT MODULE
- AV** GENERAL ALARM DEVICE W/ VISUAL ALARM
- V** VISUAL ALARM DEVICE
- S** VOICE COMMUNICATION SPEAKER
- H** MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- SD** CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- FA** CITY FIRE ALARM BOX
- CST** CENTRAL STATION TIE AND DISCONNECT
- TB** TROUBLE BELL
- FAA** FIRE ALARM ANNUNCIATOR PANEL
- FCP** FIRE ALARM CONTROL PANEL
- AD** MANUAL DUCT FIRE DAMPER CONTROL
- FPC** FIRE PUMP CONTROLLER
- DTS** DUCT DETECTOR TEST STATION



**A BUILDING FIRST FLOOR PLAN (EAST)**  
NTS



**GENERAL NOTES**

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**ISSUES / REVISIONS**

**KEY PLAN**

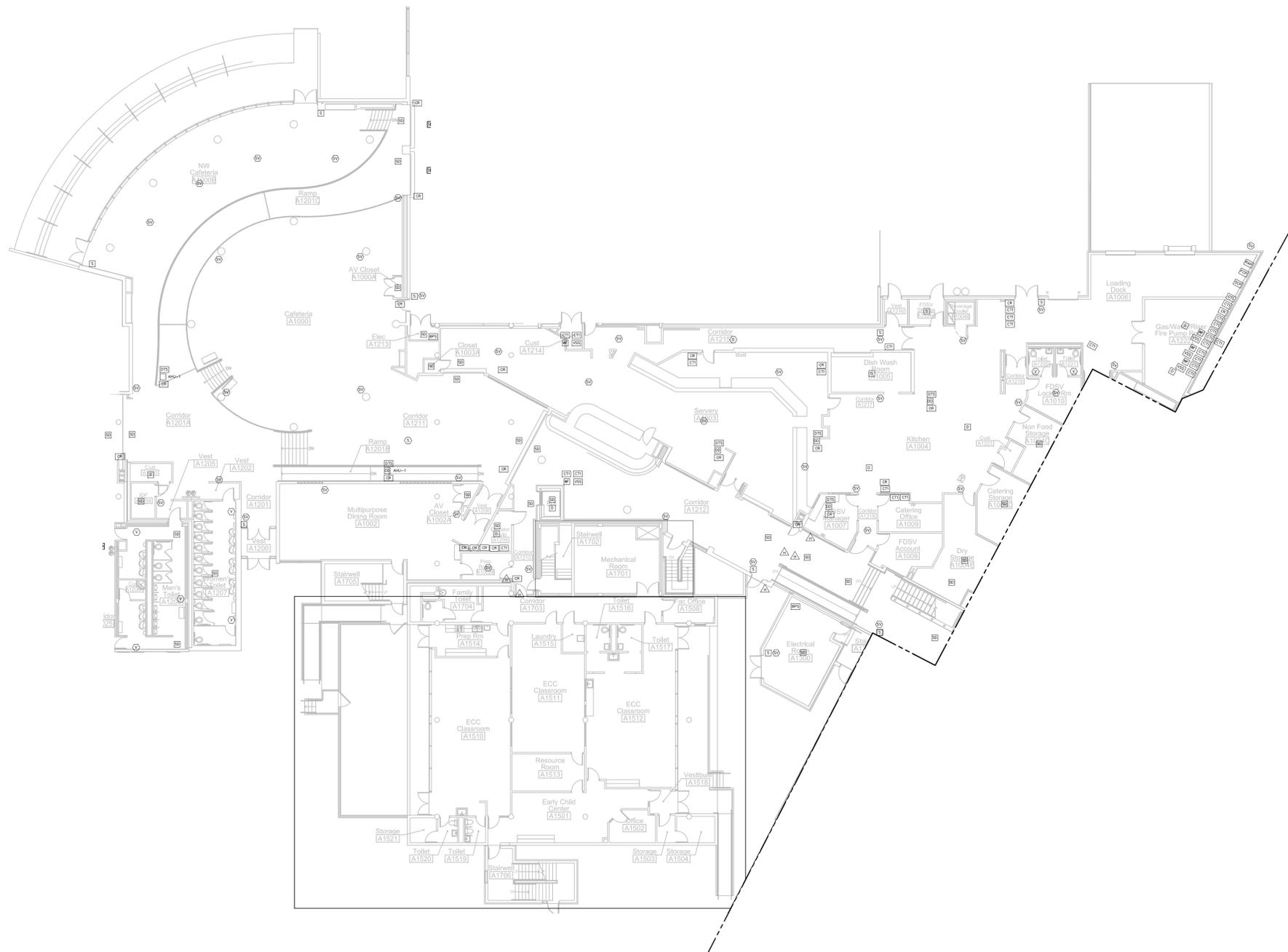
**FIRE ALARM UPGRADE**

**A BUILDING FIRST FLOOR PLAN (WEST)**

DRAWN / DESIGNED BY 17/JH	JOB NO. 4698	SHEET NO. FA-101A
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- S** MANUAL PULL STATION
- SD** SYSTEM SMOKE DETECTOR
- D** SYSTEM HEAT DETECTOR
- DD** HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- SDT** BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- SDR** BEAM SYSTEM SMOKE DETECTOR RECEIVER
- WF** SPRINKLER WATERFLOW INDICATOR
- VSS** SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- SPS** SPRINKLER PRESSURE SWITCH
- BPS** BOOSTER POWER SUPPLY
- CR** CONTROL RELAY OR CONTROL MODULE
- CT2** DUAL INPUT MODULE
- CT1** SINGLE INPUT MODULE
- AV** GENERAL ALARM DEVICE W/ VISUAL ALARM
- V** VISUAL ALARM DEVICE
- S** VOICE COMMUNICATION SPEAKER
- H** MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- SD** CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- FA** CITY FIRE ALARM BOX
- CST** CENTRAL STATION TIE AND DISCONNECT
- TB** TROUBLE BELL
- FAA** FIRE ALARM ANNUNCIATOR PANEL
- FCP** FIRE ALARM CONTROL PANEL
- Δ** MANUAL DUCT FIRE DAMPER CONTROL
- FPC** FIRE PUMP CONTROLLER
- DTS** DUCT DETECTOR TEST STATION



**A BUILDING FIRST FLOOR PLAN (WEST)**  
 NTS



HOH PROJ. 4698

**GENERAL NOTES**

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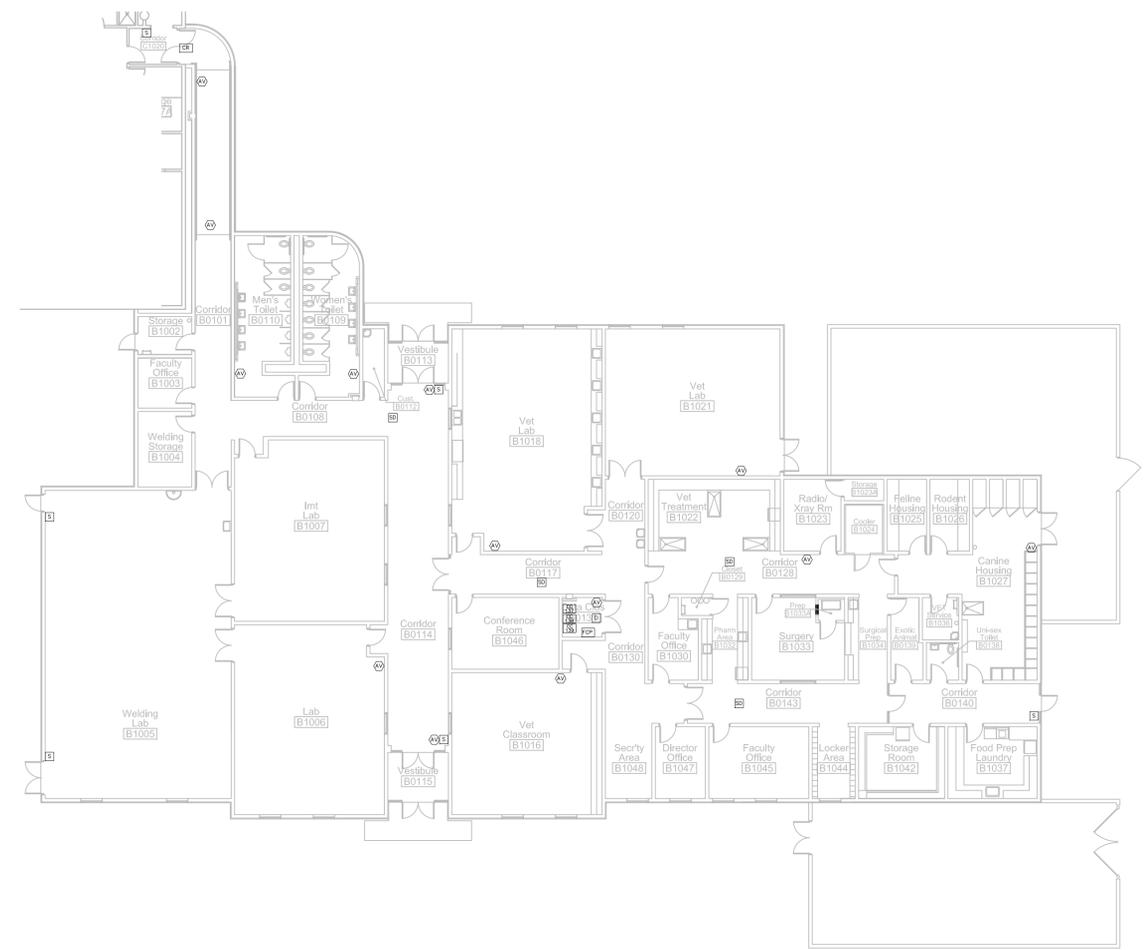
**FIRE ALARM UPGRADE**

**B BUILDING FIRST FLOOR PLAN**

DRAWN / DESIGNED BY 17/ JH	JOB NO. 4698	SHEET NO. FA-102
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- S** MANUAL PULL STATION
- SD** SYSTEM SMOKE DETECTOR
- D** SYSTEM HEAT DETECTOR
- DD** HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- SP** BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- SR** BEAM SYSTEM SMOKE DETECTOR RECEIVER
- WF** SPRINKLER WATERFLOW INDICATOR
- VSS** SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- SPS** SPRINKLER PRESSURE SWITCH
- BPS** BOOSTER POWER SUPPLY
- CR** CONTROL RELAY OR CONTROL MODULE
- CT2** DUAL INPUT MODULE
- CT1** SINGLE INPUT MODULE
- AV** GENERAL ALARM DEVICE W/ VISUAL ALARM
- V** VISUAL ALARM DEVICE
- S** VOICE COMMUNICATION SPEAKER
- H** MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- SD** CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- FA** CITY FIRE ALARM BOX
- CST** CENTRAL STATION TIE AND DISCONNECT
- TB** TROUBLE BELL
- FAA** FIRE ALARM ANNUNCIATOR PANEL
- FCP** FIRE ALARM CONTROL PANEL
- △** MANUAL DUCT FIRE DAMPER CONTROL
- FPC** FIRE PUMP CONTROLLER
- DTS** DUCT DETECTOR TEST STATION



**B BUILDING FIRST FLOOR PLAN**  
N.T.S.



**GENERAL NOTES**

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**N** KEY PLAN

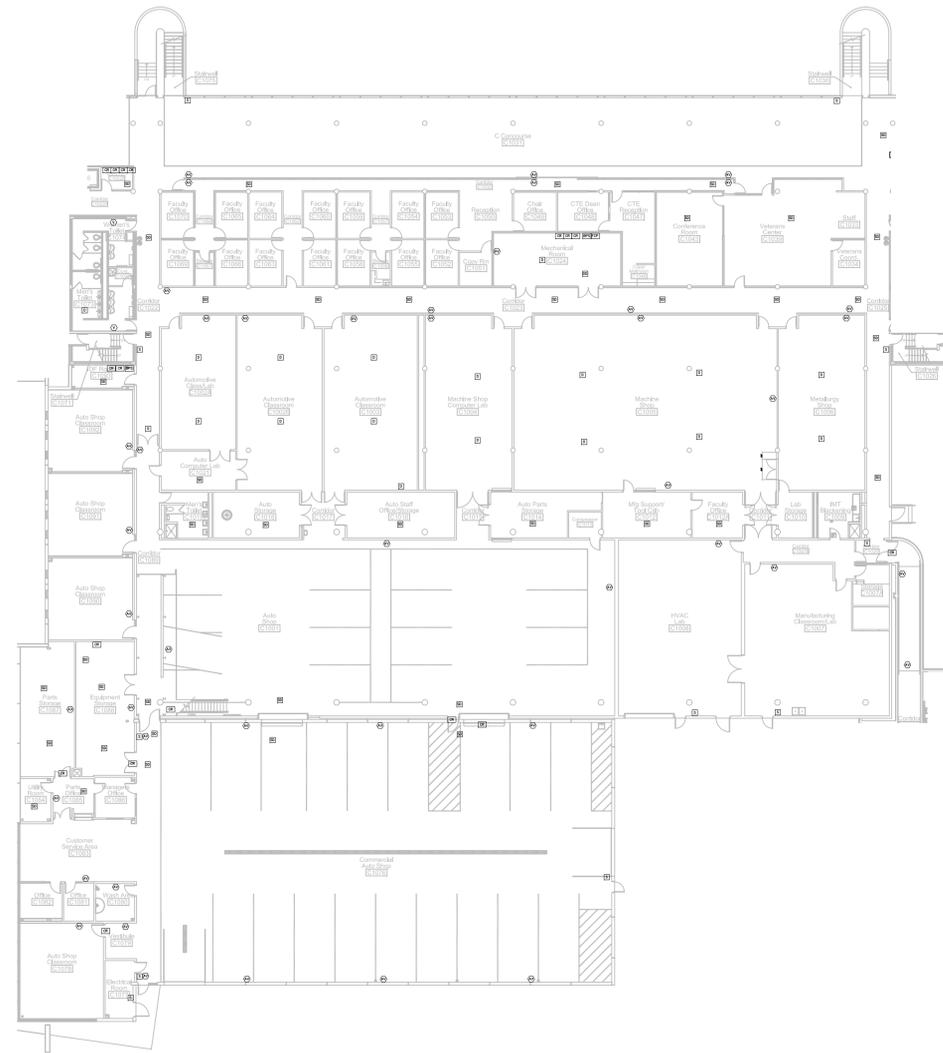
**FIRE ALARM UPGRADE**

**C BUILDING GROUND FLOOR PLAN**

DRAWN / DESIGNED BY ljh/LJH	JOB NO. 4698	SHEET NO. FA-103
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- [S] MANUAL PULL STATION
- [SD] SYSTEM SMOKE DETECTOR
- [D] SYSTEM HEAT DETECTOR
- [DD] HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- [SP] BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- [SDR] BEAM SYSTEM SMOKE DETECTOR RECEIVER
- [WFI] SPRINKLER WATERFLOW INDICATOR
- [VSS] SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- [PS] SPRINKLER PRESSURE SWITCH
- [BPS] BOOSTER POWER SUPPLY
- [CR] CONTROL RELAY OR CONTROL MODULE
- [CT2] DUAL INPUT MODULE
- [CT1] SINGLE INPUT MODULE
- [AV] GENERAL ALARM DEVICE W/ VISUAL ALARM
- [V] VISUAL ALARM DEVICE
- [S] VOICE COMMUNICATION SPEAKER
- [H] MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- [SD] CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- [FA] CITY FIRE ALARM BOX
- [CST] CENTRAL STATION TIE AND DISCONNECT
- [TB] TROUBLE BELL
- [FAA] FIRE ALARM ANNUNCIATOR PANEL
- [FCP] FIRE ALARM CONTROL PANEL
- [D] MANUAL DUCT FIRE DAMPER CONTROL
- [FPC] FIRE PUMP CONTROLLER
- [DTS] DUCT DETECTOR TEST STATION



**C BUILDING FIRST FLOOR PLAN (SOUTH)**  
 NTS



HOH PROJ. 4698

**GENERAL NOTES**

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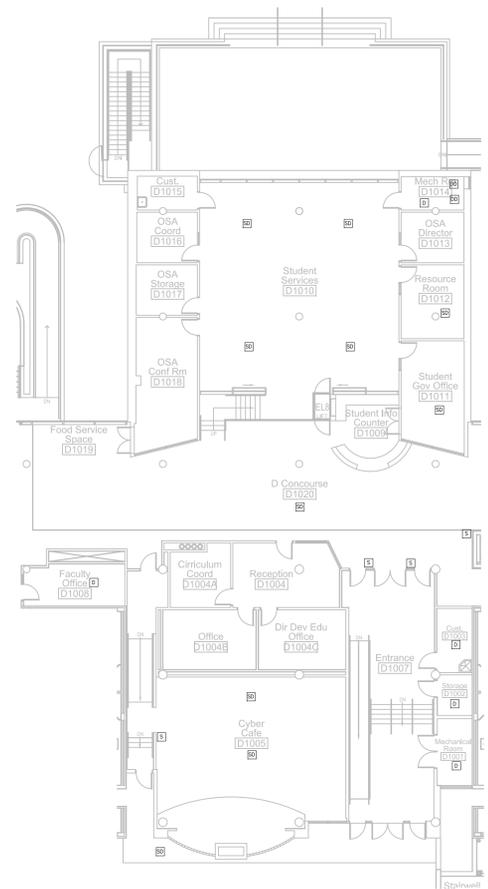
**FIRE ALARM UPGRADE**

**D BUILDING FIRST FLOOR PLAN**

DRAWN / DESIGNED BY 17/JH	JOB NO. 4698	SHEET NO. FA-104
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- S** MANUAL PULL STATION
- SD** SYSTEM SMOKE DETECTOR
- D** SYSTEM HEAT DETECTOR
- DD** HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- SDT** BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- SDR** BEAM SYSTEM SMOKE DETECTOR RECEIVER
- WFI** SPRINKLER WATERFLOW INDICATOR
- VSS** SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- SPS** SPRINKLER PRESSURE SWITCH
- BPS** BOOSTER POWER SUPPLY
- CR** CONTROL RELAY OR CONTROL MODULE
- CT2** DUAL INPUT MODULE
- CT1** SINGLE INPUT MODULE
- AV** GENERAL ALARM DEVICE W/ VISUAL ALARM
- V** VISUAL ALARM DEVICE
- S** VOICE COMMUNICATION SPEAKER
- H** MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- SD** CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- FA** CITY FIRE ALARM BOX
- CST** CENTRAL STATION TIE AND DISCONNECT
- TB** TROUBLE BELL
- FAA** FIRE ALARM ANNUNCIATOR PANEL
- FCP** FIRE ALARM CONTROL PANEL
- ADF** MANUAL DUCT FIRE DAMPER CONTROL
- FPC** FIRE PUMP CONTROLLER
- DTS** DUCT DETECTOR TEST STATION



**D BUILDING FIRST FLOOR PLAN**  
 NTS





**GENERAL NOTES**

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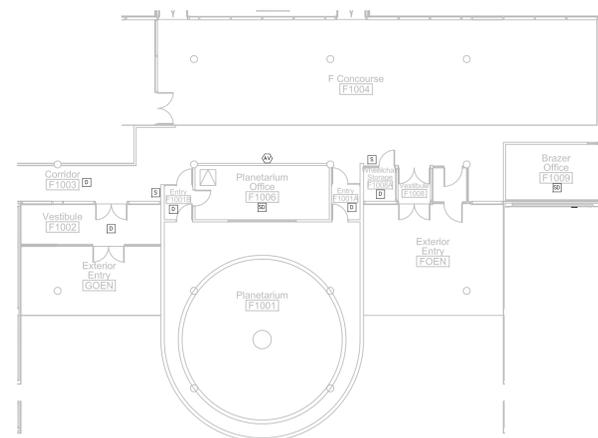
**FIRE ALARM UPGRADE**

**F BUILDING FIRST FLOOR PLAN**

DRAWN / DESIGNED BY 17/JJH	JOB NO. 4698	SHEET NO. FA-106
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- S MANUAL PULL STATION
- SD SYSTEM SMOKE DETECTOR
- D SYSTEM HEAT DETECTOR
- DD HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- SDT BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- SDR BEAM SYSTEM SMOKE DETECTOR RECEIVER
- WF SPRINKLER WATERFLOW INDICATOR
- VSS SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- FPS SPRINKLER PRESSURE SWITCH
- BPS BOOSTER POWER SUPPLY
- CR CONTROL RELAY OR CONTROL MODULE
- CT2 DUAL INPUT MODULE
- CT1 SINGLE INPUT MODULE
- AV GENERAL ALARM DEVICE W/ VISUAL ALARM
- V VISUAL ALARM DEVICE
- S VOICE COMMUNICATION SPEAKER
- H MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- SD CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- FA CITY FIRE ALARM BOX
- CST CENTRAL STATION TIE AND DISCONNECT
- TB TROUBLE BELL
- FAA FIRE ALARM ANNUNCIATOR PANEL
- FCP FIRE ALARM CONTROL PANEL
- D MANUAL DUCT FIRE DAMPER CONTROL
- FPC FIRE PUMP CONTROLLER
- DTS DUCT DETECTOR TEST STATION



**F BUILDING FIRST FLOOR PLAN**

NTS



HOH PROJ. 4698

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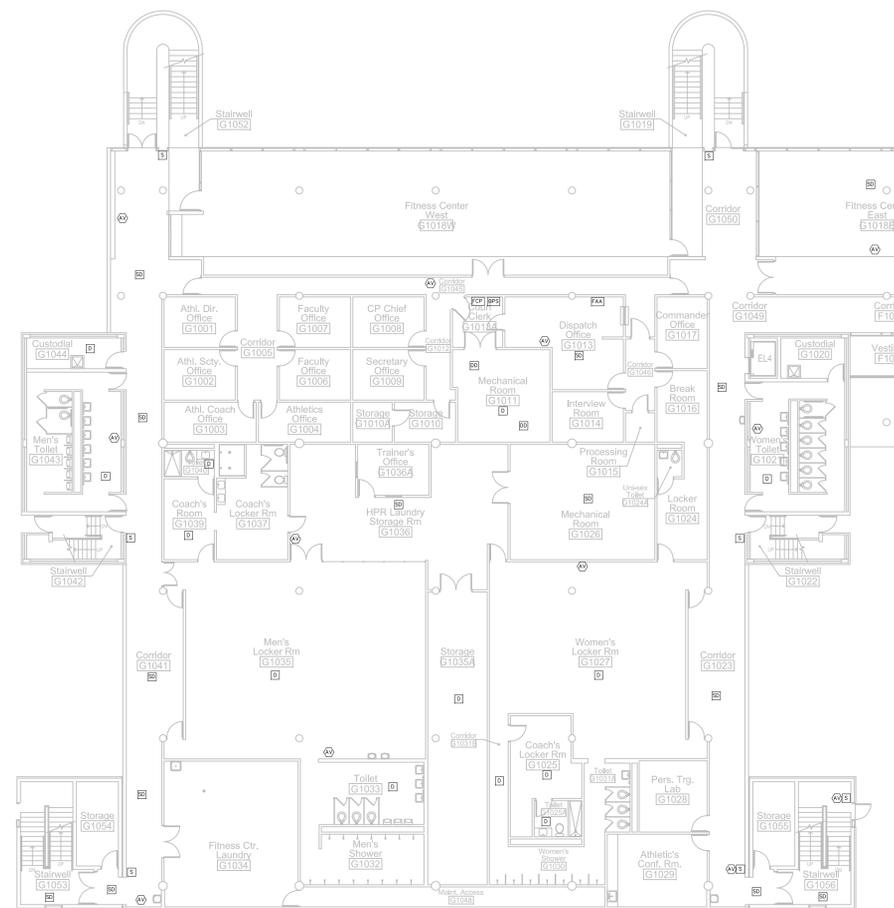
**FIRE ALARM UPGRADE**

**G BUILDING FIRST FLOOR PLAN**

DRAWN / DESIGNED BY 177/JH	JOB NO. 4698	SHEET NO. FA-107
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- S** MANUAL PULL STATION
- SD** SYSTEM SMOKE DETECTOR
- D** SYSTEM HEAT DETECTOR
- DD** HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- SP** BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- SR** BEAM SYSTEM SMOKE DETECTOR RECEIVER
- WF** SPRINKLER WATERFLOW INDICATOR
- VSS** SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- SPS** SPRINKLER PRESSURE SWITCH
- BPS** BOOSTER POWER SUPPLY
- CR** CONTROL RELAY OR CONTROL MODULE
- CT2** DUAL INPUT MODULE
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- AV** GENERAL ALARM DEVICE W/ VISUAL ALARM
- V** VISUAL ALARM DEVICE
- S** VOICE COMMUNICATION SPEAKER
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- TB** TROUBLE BELL
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- FCP** FIRE ALARM CONTROL PANEL
- △** MANUAL DUCT FIRE DAMPER CONTROL
- FPC** FIRE PUMP CONTROLLER
- DTS** DUCT DETECTOR TEST STATION



**G BUILDING FIRST FLOOR PLAN**  
NTS





HOH PROJ. 4698

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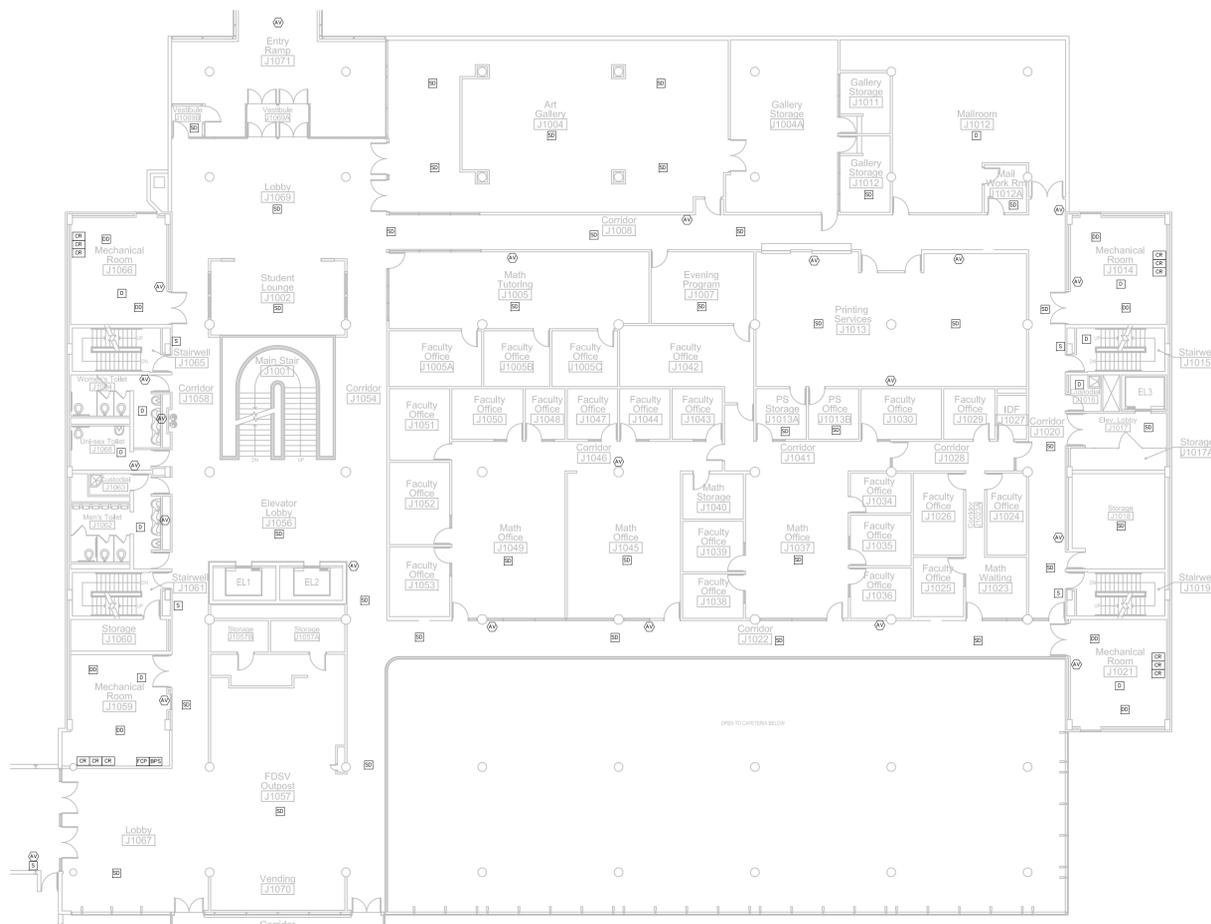
**FIRE ALARM UPGRADE**

**J BUILDING FIRST FLOOR PLAN**

DRAWN / DESIGNED BY 17 JH	JOB NO. 4698	SHEET NO. FA-109
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- S MANUAL PULL STATION
- SD SYSTEM SMOKE DETECTOR
- D SYSTEM HEAT DETECTOR
- DD HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- SDP BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- SDR BEAM SYSTEM SMOKE DETECTOR RECEIVER
- WF SPRINKLER WATERFLOW INDICATOR
- VSS SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- PS SPRINKLER PRESSURE SWITCH
- BPS BOOSTER POWER SUPPLY
- CR CONTROL RELAY OR CONTROL MODULE
- CT2 DUAL INPUT MODULE
- CT1 SINGLE INPUT MODULE
- AV GENERAL ALARM DEVICE W/ VISUAL ALARM
- V VISUAL ALARM DEVICE
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- FCP FIRE ALARM CONTROL PANEL
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**J BUILDING FIRST FLOOR PLAN**  
N.T.S.



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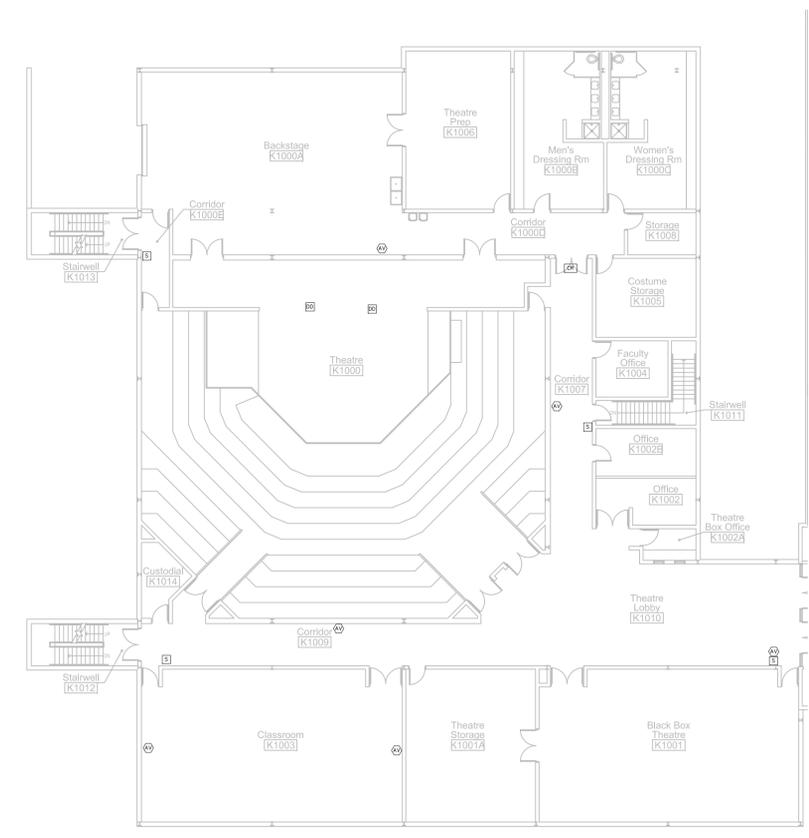
**FIRE ALARM UPGRADE**

**K BUILDING FIRST FLOOR PLAN**

DRAWN / DESIGNED BY 17/JJH	JOB NO. 4698	SHEET NO. FA-110
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- S** MANUAL PULL STATION
- SD** SYSTEM SMOKE DETECTOR
- D** SYSTEM HEAT DETECTOR
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**K BUILDING FIRST FLOOR PLAN**  
 NTS



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**ISSUES / REVISIONS**

**KEY PLAN**

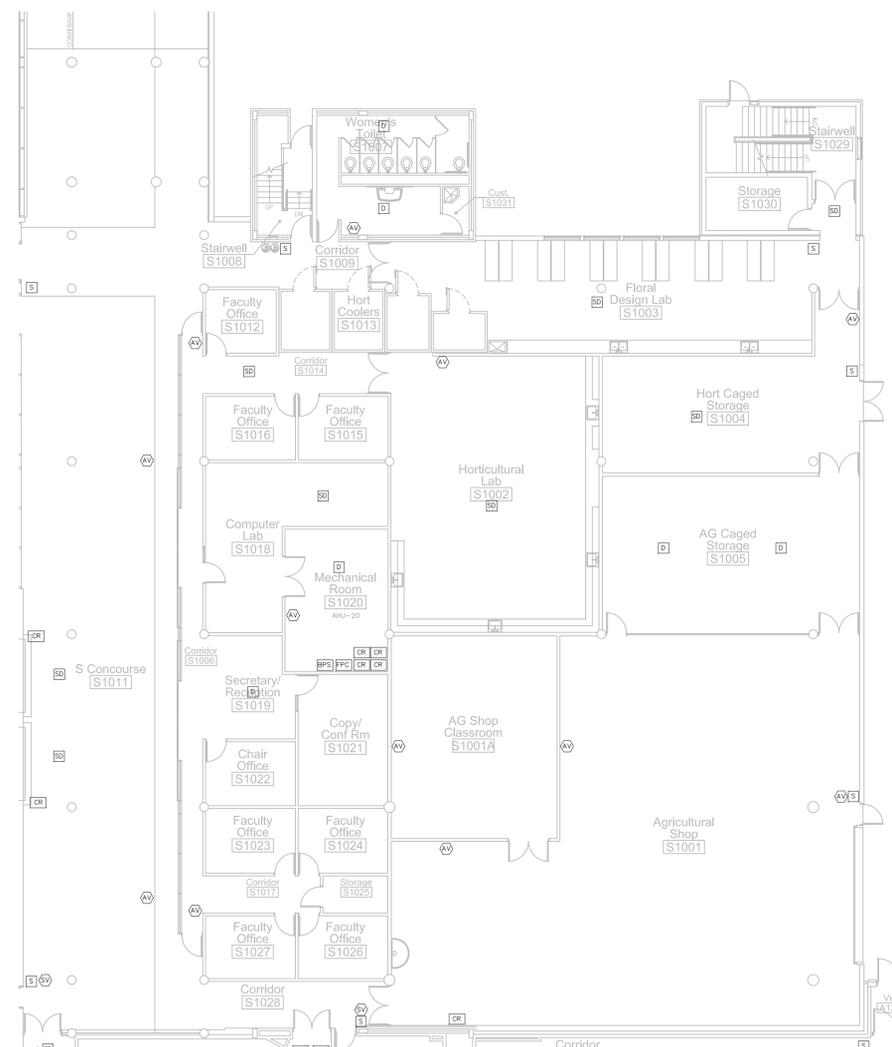
**FIRE ALARM UPGRADE**

**S BUILDING FIRST FLOOR PLAN**

DRAWN / DESIGNED BY 17/JH	JOB NO. 4698	SHEET NO. FA-112
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- [S] MANUAL PULL STATION
- [SD] SYSTEM SMOKE DETECTOR
- [D] SYSTEM HEAT DETECTOR
- [DD] HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- [SP] BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- [SR] BEAM SYSTEM SMOKE DETECTOR RECEIVER
- [WF] SPRINKLER WATERFLOW INDICATOR
- [VSS] SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- [FPS] SPRINKLER PRESSURE SWITCH
- [BPS] BOOSTER POWER SUPPLY
- [CR] CONTROL RELAY OR CONTROL MODULE
- [CT2] DUAL INPUT MODULE
- [CT1] SINGLE INPUT MODULE
- [AV] GENERAL ALARM DEVICE W/ VISUAL ALARM
- [V] VISUAL ALARM DEVICE
- [S] VOICE COMMUNICATION SPEAKER
- [H] MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- [SD] CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- [FA] CITY FIRE ALARM BOX
- [CST] CENTRAL STATION TIE AND DISCONNECT
- [TB] TROUBLE BELL
- [FAA] FIRE ALARM ANNUNCIATOR PANEL
- [FCP] FIRE ALARM CONTROL PANEL
- [D] MANUAL DUCT FIRE DAMPER CONTROL
- [FPC] FIRE PUMP CONTROLLER
- [DTS] DUCT DETECTOR TEST STATION



**S BUILDING FIRST FLOOR PLAN**

N.T.S.



HOH PROJ. 4698

**GENERAL NOTES**

1. THE CAMPUS WAS SURVEYED USING EXISTING AS BUILT DRAWINGS AND THE FIRE ALARM POINTS LIST AS A GUIDE TO LOCATE THE DEVICES TO BE INCLUDED IN THE CONTRACTORS BID.
2. AS SOME DEVICES ARE IN CONFINED SPACES OR OTHERWISE INACCESSIBLE AND COULD NOT BE ACCESSED, THEY MAY NOT HAVE BEEN READILY VISIBLE OR SHOWN ON EXISTING DRAWINGS.
3. THE CONTRACTOR SHALL USE THE POINTS LIST INCLUDED WITH THE SPECIFICATION AS THE DEFINING DOCUMENT AS TO WHAT IS TO BE INCLUDED IN THIS BID.
4. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN AN ACCURATE UP TO DATE SET OF MARKED UP DRAWINGS SO THAT ANY MISSING OR MIS-LOCATED DEVICES CAN BE UPDATED ON THE FINAL DRAWINGS.



1215 HOUBOLT ROAD  
Joliet, IL 60431-8938

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**ISSUES / REVISIONS**

**KEY PLAN**

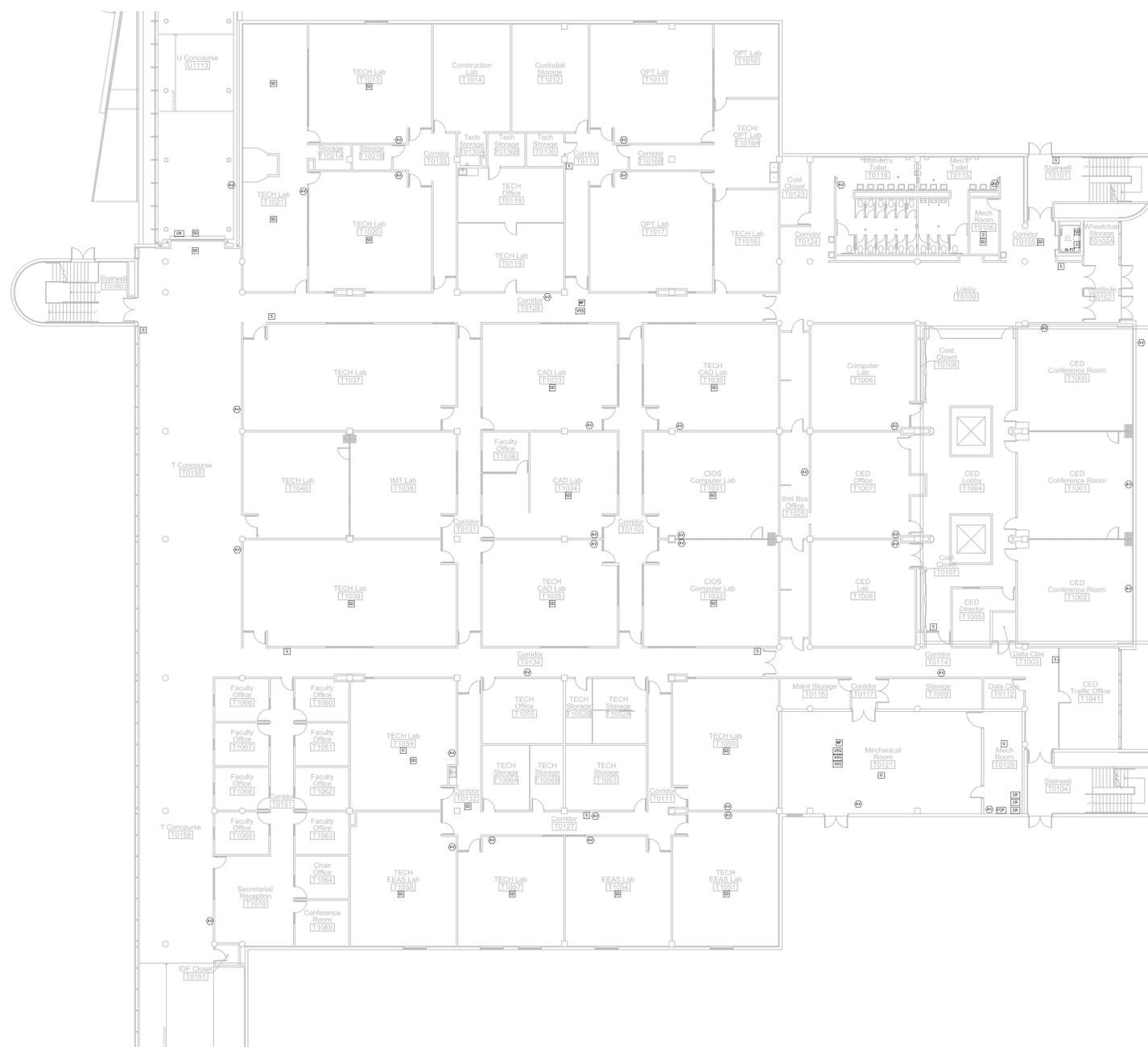
**FIRE ALARM UPGRADE**

**T BUILDING FIRST FLOOR PLAN**

DRAWN / DESIGNED BY 177/JH	JOB NO. 4698	SHEET NO. FA-113
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- S** MANUAL PULL STATION
- SD** SYSTEM SMOKE DETECTOR
- D** SYSTEM HEAT DETECTOR
- DD** HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- SDP** BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- SDR** BEAM SYSTEM SMOKE DETECTOR RECEIVER
- WF** SPRINKLER WATERFLOW INDICATOR
- VSS** SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- PS** SPRINKLER PRESSURE SWITCH
- BPS** BOOSTER POWER SUPPLY
- CR** CONTROL RELAY OR CONTROL MODULE
- CT2** DUAL INPUT MODULE
- CT1** SINGLE INPUT MODULE
- AV** GENERAL ALARM DEVICE W/ VISUAL ALARM
- V** VISUAL ALARM DEVICE
- S** VOICE COMMUNICATION SPEAKER
- H** MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- SD** CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- FA** CITY FIRE ALARM BOX
- CST** CENTRAL STATION TIE AND DISCONNECT
- TB** TROUBLE BELL
- FAA** FIRE ALARM ANNUNCIATOR PANEL
- FCP** FIRE ALARM CONTROL PANEL
- AD** MANUAL DUCT FIRE DAMPER CONTROL
- FPC** FIRE PUMP CONTROLLER
- DTS** DUCT DETECTOR TEST STATION



**T BUILDING FIRST FLOOR PLAN**  
NTS



**GENERAL NOTES**

1. THE CAMPUS WAS SURVEYED USING EXISTING AS BUILT DRAWINGS AND THE FIRE ALARM POINTS LIST AS A GUIDE TO LOCATE THE DEVICES TO BE INCLUDED IN THE CONTRACTORS BID.
2. AS SOME DEVICES ARE IN CONFINED SPACES OR OTHERWISE INACCESSIBLE AND COULD NOT BE ACCESSED, THEY MAY NOT HAVE BEEN READILY VISIBLE OR SHOWN ON EXISTING DRAWINGS.
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**KEY PLAN**

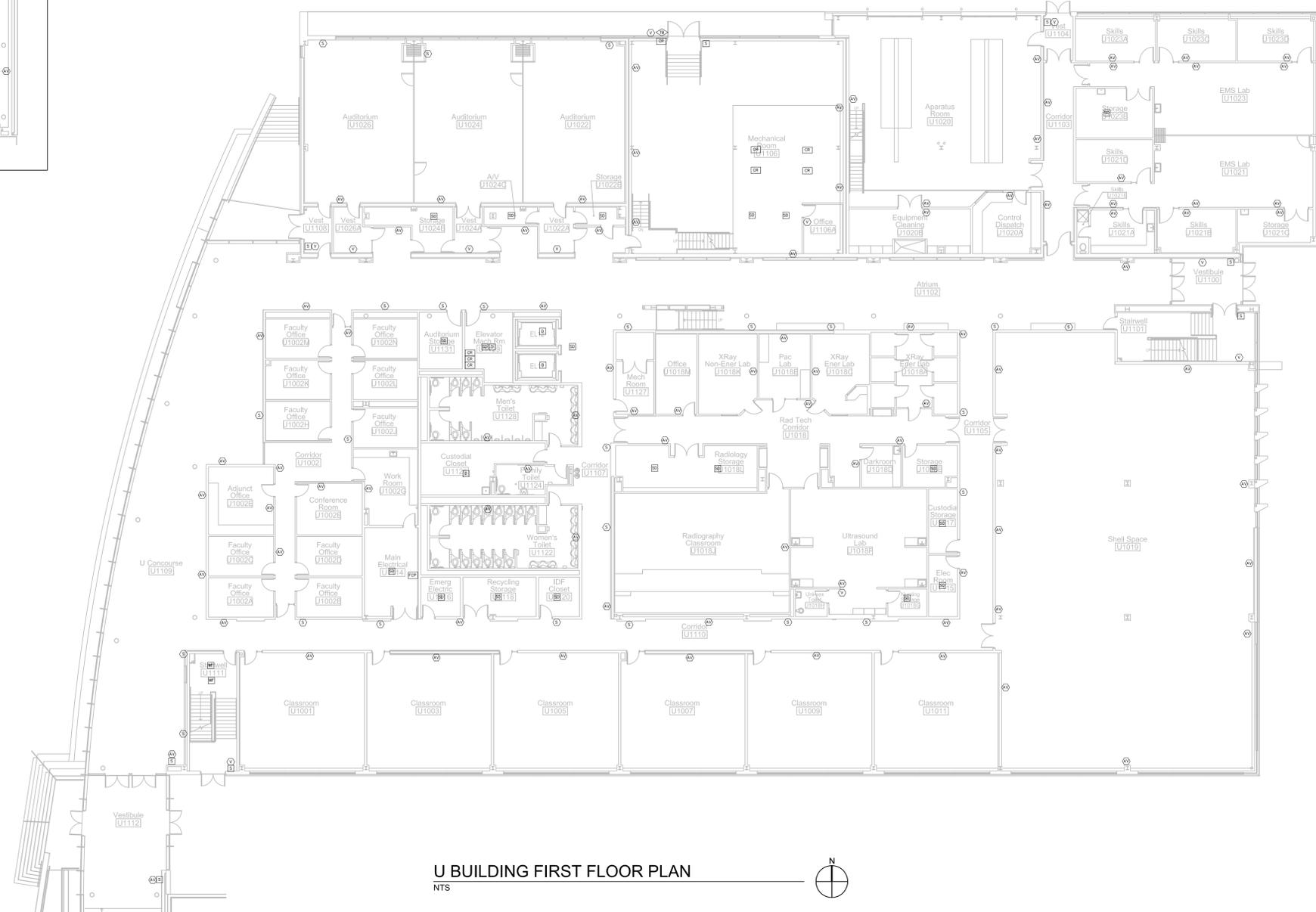
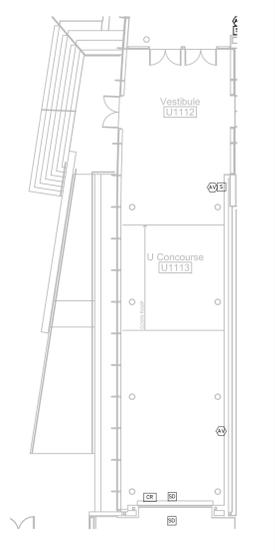
**FIRE ALARM UPGRADE**

**U BUILDING FIRST FLOOR PLAN**

DRAWN / DESIGNED BY 177/JH	JOB NO. 4698	SHEET NO. FA-114
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- S** MANUAL PULL STATION
- SD** SYSTEM SMOKE DETECTOR
- D** SYSTEM HEAT DETECTOR
- DD** HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- SP** BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- SR** BEAM SYSTEM SMOKE DETECTOR RECEIVER
- WF** SPRINKLER WATERFLOW INDICATOR
- VSS** SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- SPS** SPRINKLER PRESSURE SWITCH
- BPS** BOOSTER POWER SUPPLY
- CR** CONTROL RELAY OR CONTROL MODULE
- CT2** DUAL INPUT MODULE
- CT1** SINGLE INPUT MODULE
- AV** GENERAL ALARM DEVICE W/ VISUAL ALARM
- V** VISUAL ALARM DEVICE
- S** VOICE COMMUNICATION SPEAKER
- H** MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- SD** CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- FA** CITY FIRE ALARM BOX
- CST** CENTRAL STATION TIE AND DISCONNECT
- TB** TROUBLE BELL
- FAA** FIRE ALARM ANNUNCIATOR PANEL
- FCP** FIRE ALARM CONTROL PANEL
- △** MANUAL DUCT FIRE DAMPER CONTROL
- FPC** FIRE PUMP CONTROLLER
- DTS** DUCT DETECTOR TEST STATION



**U BUILDING FIRST FLOOR PLAN**  
 NTS



HOH PROJ. 4698

**GENERAL NOTES**

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**ISSUES / REVISIONS**

**KEY PLAN**

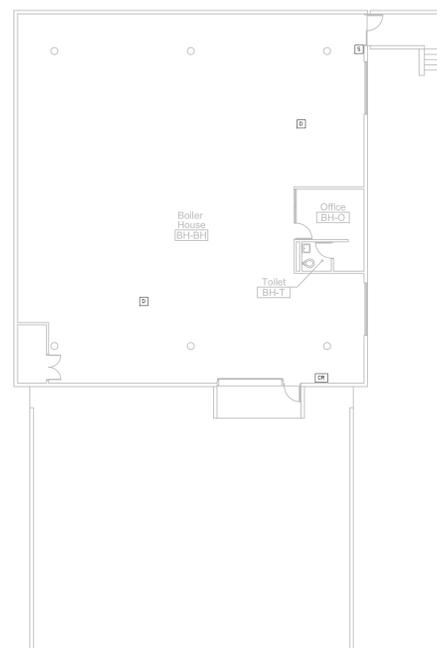
**FIRE ALARM UPGRADE**

**BOILER HOUSE FIRST FLOOR PLAN**

DRAWN / DESIGNED BY 17/JJH	JOB NO. 4698	SHEET NO. FA-115
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- S MANUAL PULL STATION
- SD SYSTEM SMOKE DETECTOR
- D SYSTEM HEAT DETECTOR
- DD HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- SDT BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- SDR BEAM SYSTEM SMOKE DETECTOR RECEIVER
- WF SPRINKLER WATERFLOW INDICATOR
- VSS SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- FPS SPRINKLER PRESSURE SWITCH
- BPS BOOSTER POWER SUPPLY
- CR CONTROL RELAY OR CONTROL MODULE
- CT2 DUAL INPUT MODULE
- CT1 SINGLE INPUT MODULE
- AV GENERAL ALARM DEVICE W/ VISUAL ALARM
- V VISUAL ALARM DEVICE
- S VOICE COMMUNICATION SPEAKER
- H MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- SD CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- FA CITY FIRE ALARM BOX
- CST CENTRAL STATION TIE AND DISCONNECT
- TB TROUBLE BELL
- FAA FIRE ALARM ANNUNCIATOR PANEL
- FCP FIRE ALARM CONTROL PANEL
- D MANUAL DUCT FIRE DAMPER CONTROL
- FPC FIRE PUMP CONTROLLER
- DTS DUCT DETECTOR TEST STATION



**BOILER HOUSE FIRST FLOOR PLAN**  
 NTS



HOH PROJ. 4698

**GENERAL NOTES**

1. THE CAMPUS WAS SURVEYED USING EXISTING AS BUILT DRAWINGS AND THE FIRE ALARM POINTS LIST AS A GUIDE TO LOCATE THE DEVICES TO BE INCLUDED IN THE CONTRACTORS BID.
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**ISSUES / REVISIONS**

**KEY PLAN**

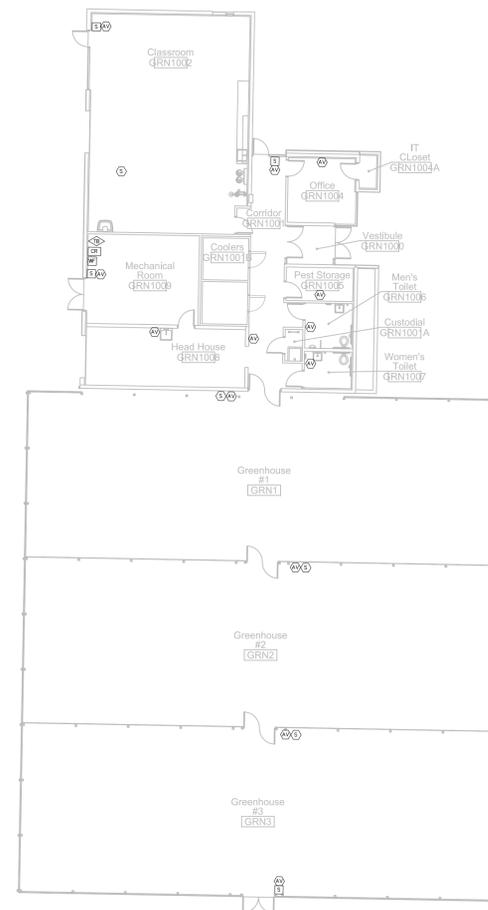
**FIRE ALARM UPGRADE**

**GREENHOUSE FIRST FLOOR PLAN**

DRAWN / DESIGNED BY 17/1/JH	JOB NO. 4698	SHEET NO. FA-116
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- S MANUAL PULL STATION
- SD SYSTEM SMOKE DETECTOR
- D SYSTEM HEAT DETECTOR
- DD HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- SP BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- SR BEAM SYSTEM SMOKE DETECTOR RECEIVER
- WF SPRINKLER WATERFLOW INDICATOR
- VSS SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- FPS SPRINKLER PRESSURE SWITCH
- BPS BOOSTER POWER SUPPLY
- CR CONTROL RELAY OR CONTROL MODULE
- CT2 DUAL INPUT MODULE
- CT1 SINGLE INPUT MODULE
- VA GENERAL ALARM DEVICE W/ VISUAL ALARM
- V VISUAL ALARM DEVICE
- S VOICE COMMUNICATION SPEAKER
- H MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- SD CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- FA CITY FIRE ALARM BOX
- CST CENTRAL STATION TIE AND DISCONNECT
- TB TROUBLE BELL
- FAA FIRE ALARM ANNUNCIATOR PANEL
- FCP FIRE ALARM CONTROL PANEL
- D MANUAL DUCT FIRE DAMPER CONTROL
- FPC FIRE PUMP CONTROLLER
- DTS DUCT DETECTOR TEST STATION



**GREENHOUSE FIRST FLOOR PLAN**  
 NTS



**GENERAL NOTES**

1. THE CAMPUS WAS SURVEYED USING EXISTING AS BUILT DRAWINGS AND THE FIRE ALARM POINTS LIST AS A GUIDE TO LOCATE THE DEVICES TO BE INCLUDED IN THE CONTRACTORS BID.
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**ISSUES / REVISIONS**

**KEY PLAN**

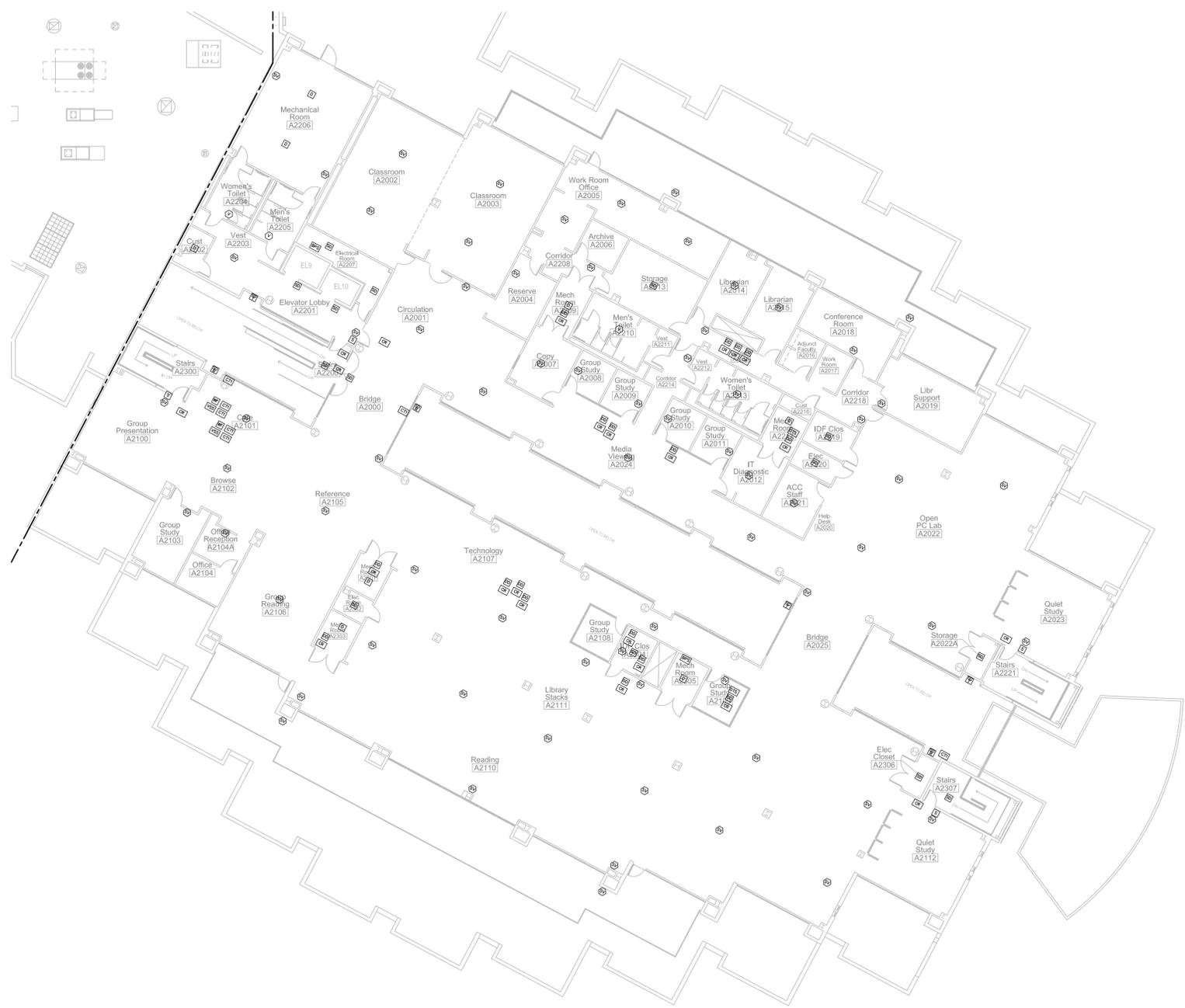
**FIRE ALARM UPGRADE**

**A BUILDING SECOND FLOOR PLAN (EAST)**

DRAWN / DESIGNED BY 177/JH	JOB NO. 4698	SHEET NO. FA-201
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- S** MANUAL PULL STATION
- SD** SYSTEM SMOKE DETECTOR
- D** SYSTEM HEAT DETECTOR
- DD** HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- SP** BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- SR** BEAM SYSTEM SMOKE DETECTOR RECEIVER
- WF** SPRINKLER WATERFLOW INDICATOR
- VSS** SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- PS** SPRINKLER PRESSURE SWITCH
- BPS** BOOSTER POWER SUPPLY
- CR** CONTROL RELAY OR CONTROL MODULE
- CT2** DUAL INPUT MODULE
- CT1** SINGLE INPUT MODULE
- AV** GENERAL ALARM DEVICE W/ VISUAL ALARM
- V** VISUAL ALARM DEVICE
- S** VOICE COMMUNICATION SPEAKER
- H** MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- SD** CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- FA** CITY FIRE ALARM BOX
- CST** CENTRAL STATION TIE AND DISCONNECT
- TB** TROUBLE BELL
- FAA** FIRE ALARM ANNUNCIATOR PANEL
- FCP** FIRE ALARM CONTROL PANEL
- D** MANUAL DUCT FIRE DAMPER CONTROL
- FPC** FIRE PUMP CONTROLLER
- DTS** DUCT DETECTOR TEST STATION



**A BUILDING SECOND FLOOR PLAN (EAST)**

NTS





**GENERAL NOTES**

1. THE CAMPUS WAS SURVEYED USING EXISTING AS BUILT DRAWINGS AND THE FIRE ALARM POINTS LIST AS A GUIDE TO LOCATE THE DEVICES TO BE INCLUDED IN THE CONTRACTORS BID.
2. AS SOME DEVICES ARE IN CONFINED SPACES OR OTHERWISE INACCESSIBLE AND COULD NOT BE ACCESSED, THEY MAY NOT HAVE BEEN READILY VISIBLE OR SHOWN ON EXISTING DRAWINGS.
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1215 HOUBOLT ROAD  
 Joliet, IL 60431-8938

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**ISSUES / REVISIONS**

**N** KEY PLAN

**FIRE ALARM UPGRADE**

**C BUILDING SECOND FLOOR PLAN**

DRAWN / DESIGNED BY ljh/LJH	JOB NO. 4698	SHEET NO. FA-202
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- [S] MANUAL PULL STATION
- [SD] SYSTEM SMOKE DETECTOR
- [D] SYSTEM HEAT DETECTOR
- [DD] HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- [SDT] BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- [SDR] BEAM SYSTEM SMOKE DETECTOR RECEIVER
- [WF] SPRINKLER WATERFLOW INDICATOR
- [VSS] SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- [PS] SPRINKLER PRESSURE SWITCH
- [BPS] BOOSTER POWER SUPPLY
- [CR] CONTROL RELAY OR CONTROL MODULE
- [CT2] DUAL INPUT MODULE
- [CT1] SINGLE INPUT MODULE
- [AV] GENERAL ALARM DEVICE W/ VISUAL ALARM
- [V] VISUAL ALARM DEVICE
- [S] VOICE COMMUNICATION SPEAKER
- [H] MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- [SD] CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- [FA] CITY FIRE ALARM BOX
- [CST] CENTRAL STATION TIE AND DISCONNECT
- [TB] TROUBLE BELL
- [FAA] FIRE ALARM ANNUCIATOR PANEL
- [FCP] FIRE ALARM CONTROL PANEL
- [D] MANUAL DUCT FIRE DAMPER CONTROL
- [FPC] FIRE PUMP CONTROLLER
- [DTS] DUCT DETECTOR TEST STATION



**C BUILDING SECOND FLOOR PLAN**  
 NTS



**GENERAL NOTES**

1. THE CAMPUS WAS SURVEYED USING EXISTING AS BUILT DRAWINGS AND THE FIRE ALARM POINTS LIST AS A GUIDE TO LOCATE THE DEVICES TO BE INCLUDED IN THE CONTRACTORS BID.
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**KEY PLAN**

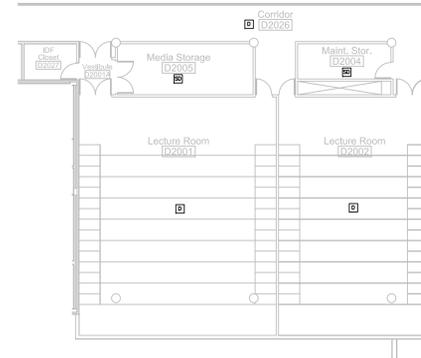
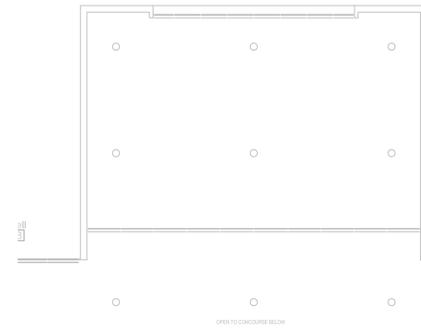
**FIRE ALARM UPGRADE**

**D BUILDING SECOND FLOOR PLAN**

DRAWN / DESIGNED BY ljh/LJH	JOB NO. 4698	SHEET NO. FA-203
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- [S] MANUAL PULL STATION
- [SD] SYSTEM SMOKE DETECTOR
- [D] SYSTEM HEAT DETECTOR
- [DD] HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- [SP] BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- [SDR] BEAM SYSTEM SMOKE DETECTOR RECEIVER
- [WFI] SPRINKLER WATERFLOW INDICATOR
- [VSS] SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- [PS] SPRINKLER PRESSURE SWITCH
- [BPS] BOOSTER POWER SUPPLY
- [CR] CONTROL RELAY OR CONTROL MODULE
- [CT2] DUAL INPUT MODULE
- [CT1] SINGLE INPUT MODULE
- [AV] GENERAL ALARM DEVICE W/ VISUAL ALARM
- [V] VISUAL ALARM DEVICE
- [S] VOICE COMMUNICATION SPEAKER
- [H] MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- [SD] CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- [FA] CITY FIRE ALARM BOX
- [CST] CENTRAL STATION TIE AND DISCONNECT
- [TB] TROUBLE BELL
- [FAA] FIRE ALARM ANNUNCIATOR PANEL
- [FCP] FIRE ALARM CONTROL PANEL
- [D] MANUAL DUCT FIRE DAMPER CONTROL
- [FPC] FIRE PUMP CONTROLLER
- [DTS] DUCT DETECTOR TEST STATION



**D BUILDING SECOND FLOOR PLAN**  
 NTS



**GENERAL NOTES**

1. THE CAMPUS WAS SURVEYED USING EXISTING AS BUILT DRAWINGS AND THE FIRE ALARM POINTS LIST AS A GUIDE TO LOCATE THE DEVICES TO BE INCLUDED IN THE CONTRACTORS BID.
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**N** KEY PLAN

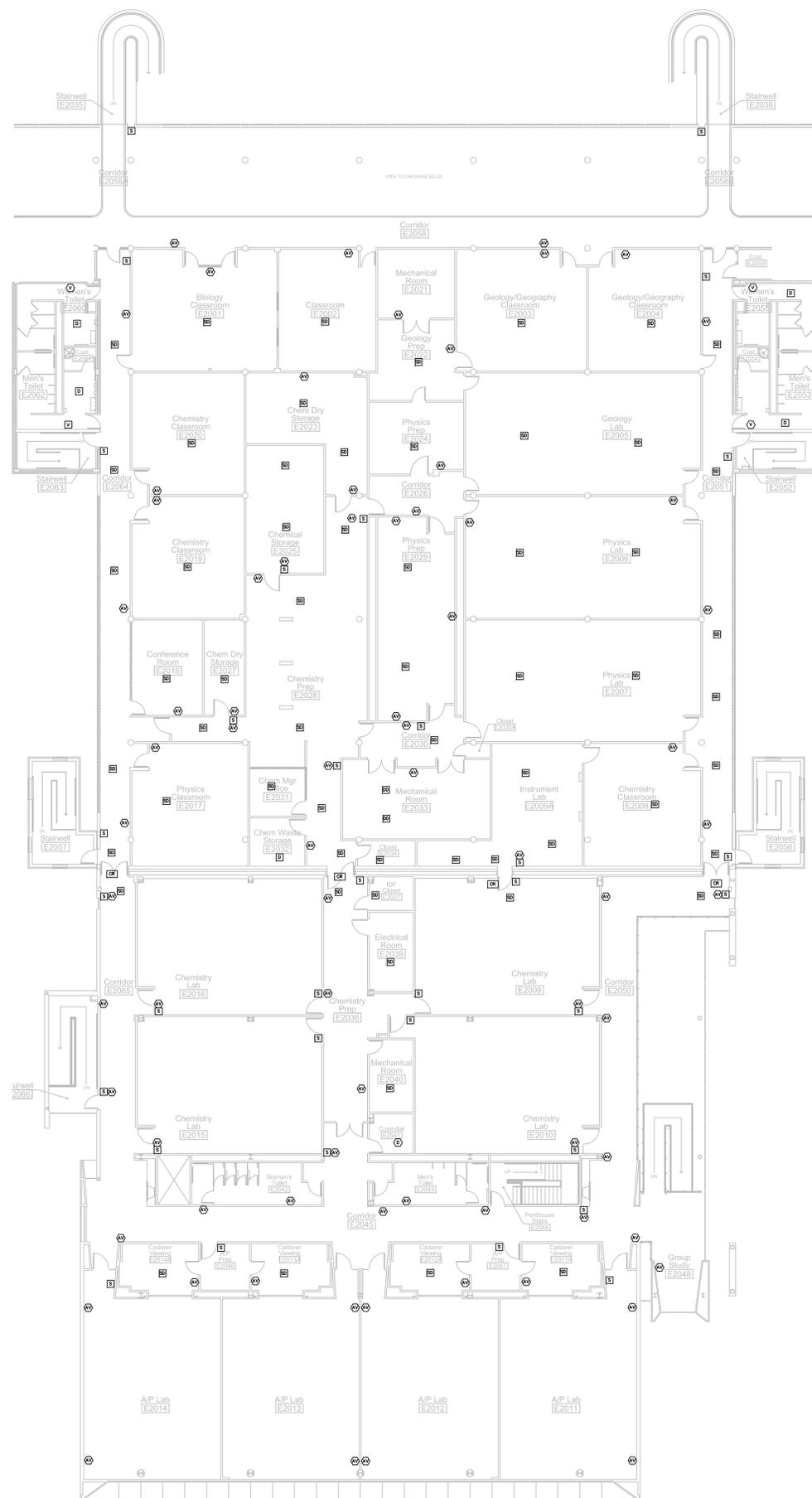
**FIRE ALARM UPGRADE**

**E BUILDING SECOND FLOOR PLAN**

DRAWN / DESIGNED BY ljh/LJH	JOB NO. 4698	SHEET NO. FA-204
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- [S] MANUAL PULL STATION
- [SD] SYSTEM SMOKE DETECTOR
- [D] SYSTEM HEAT DETECTOR
- [DD] HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- [SDT] BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- [SDR] BEAM SYSTEM SMOKE DETECTOR RECEIVER
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- [VSS] SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- [PS] SPRINKLER PRESSURE SWITCH
- [BPS] BOOSTER POWER SUPPLY
- [CR] CONTROL RELAY OR CONTROL MODULE
- [CT2] DUAL INPUT MODULE
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- [AV] GENERAL ALARM DEVICE W/ VISUAL ALARM
- [V] VISUAL ALARM DEVICE
- [S] VOICE COMMUNICATION SPEAKER
- [H] MAGNETIC/ELECTRONIC DOOR HOLD OPEN
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- [FA] CITY FIRE ALARM BOX
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- [TB] TROUBLE BELL
- [FAA] FIRE ALARM ANNUNCIATOR PANEL
- [FCP] FIRE ALARM CONTROL PANEL
- [D] MANUAL DUCT FIRE DAMPER CONTROL
- [FPC] FIRE PUMP CONTROLLER
- [DTS] DUCT DETECTOR TEST STATION



**E BUILDING SECOND FLOOR PLAN (SOUTH)**  
 NTS



HOH PROJ. 4698

**GENERAL NOTES**

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**ISSUES / REVISIONS**

**KEY PLAN**

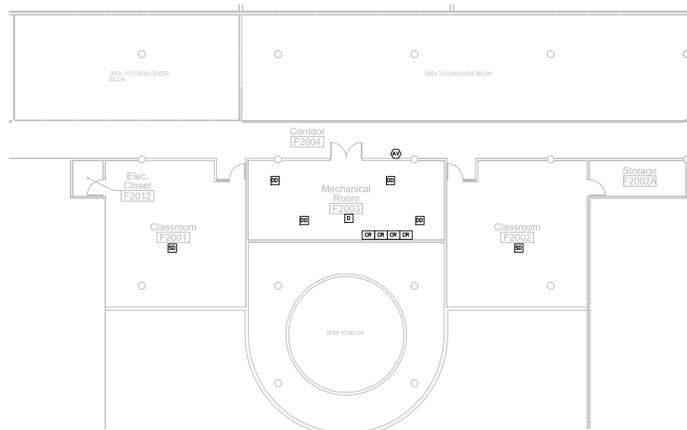
**FIRE ALARM UPGRADE**

**F BUILDING SECOND FLOOR PLAN**

DRAWN / DESIGNED BY 17/JJH	JOB NO. 4698	SHEET NO. FA-205
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- MANUAL PULL STATION
- SYSTEM SMOKE DETECTOR
- SYSTEM HEAT DETECTOR
- HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- BEAM SYSTEM SMOKE DETECTOR RECEIVER
- SPRINKLER WATERFLOW INDICATOR
- SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- SPRINKLER PRESSURE SWITCH
- BOOSTER POWER SUPPLY
- CONTROL RELAY OR CONTROL MODULE
- DUAL INPUT MODULE
- SINGLE INPUT MODULE
- GENERAL ALARM DEVICE W/ VISUAL ALARM
- VISUAL ALARM DEVICE
- VOICE COMMUNICATION SPEAKER
- MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- CITY FIRE ALARM BOX
- CENTRAL STATION TIE AND DISCONNECT
- TROUBLE BELL
- FIRE ALARM ANNUNCIATOR PANEL
- FIRE ALARM CONTROL PANEL
- MANUAL DUCT FIRE DAMPER CONTROL
- FIRE PUMP CONTROLLER
- DUCT DETECTOR TEST STATION



**F BUILDING SECOND FLOOR PLAN**  
 NTS







**GENERAL NOTES**

1. THE CAMPUS WAS SURVEYED USING EXISTING AS BUILT DRAWINGS AND THE FIRE ALARM POINTS LIST AS A GUIDE TO LOCATE THE DEVICES TO BE INCLUDED IN THE CONTRACTORS BID.
2. AS SOME DEVICES ARE IN CONFINED SPACES OR OTHERWISE INACCESSIBLE AND COULD NOT BE ACCESSED, THEY MAY NOT HAVE BEEN READILY VISIBLE OR SHOWN ON EXISTING DRAWINGS.
3. THE CONTRACTOR SHALL USE THE POINTS LIST INCLUDED WITH THE SPECIFICATION AS THE DEFINING DOCUMENT AS TO WHAT IS TO BE INCLUDED IN THIS BID.
4. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN AN ACCURATE, UP TO DATE SET OF MARKED UP DRAWINGS SO THAT ANY MISSING OR MIS-LOCATED DEVICES CAN BE UPDATED ON THE FINAL DRAWINGS.



1215 HOUBOLT ROAD  
 Joliet, IL 60431-8938

NO.	DATE	DESCRIPTION	BY
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**ISSUES / REVISIONS**

**KEY PLAN**

**FIRE ALARM UPGRADE**

**S BUILDING SECOND FLOOR PLAN**

DRAWN / DESIGNED BY ljh/LJH	JOB NO. 4698	SHEET NO. FA-210
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- [S] MANUAL PULL STATION
- [SD] SYSTEM SMOKE DETECTOR
- [D] SYSTEM HEAT DETECTOR
- [DD] HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- [SP] BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- [SDR] BEAM SYSTEM SMOKE DETECTOR RECEIVER
- [WF] SPRINKLER WATERFLOW INDICATOR
- [VSS] SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- [PS] SPRINKLER PRESSURE SWITCH
- [BPS] BOOSTER POWER SUPPLY
- [CR] CONTROL RELAY OR CONTROL MODULE
- [CT2] DUAL INPUT MODULE
- [CT1] SINGLE INPUT MODULE
- [AV] GENERAL ALARM DEVICE W/ VISUAL ALARM
- [V] VISUAL ALARM DEVICE
- [S] VOICE COMMUNICATION SPEAKER
- [H] MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- [SD] CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- [FA] CITY FIRE ALARM BOX
- [CST] CENTRAL STATION TIE AND DISCONNECT
- [TB] TROUBLE BELL
- [FAA] FIRE ALARM ANNUNCIATOR PANEL
- [FCP] FIRE ALARM CONTROL PANEL
- [D] MANUAL DUCT FIRE DAMPER CONTROL
- [FPC] FIRE PUMP CONTROLLER
- [DTS] DUCT DETECTOR TEST STATION



**GENERAL NOTES**

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**ISSUES / REVISIONS**

**N** KEY PLAN

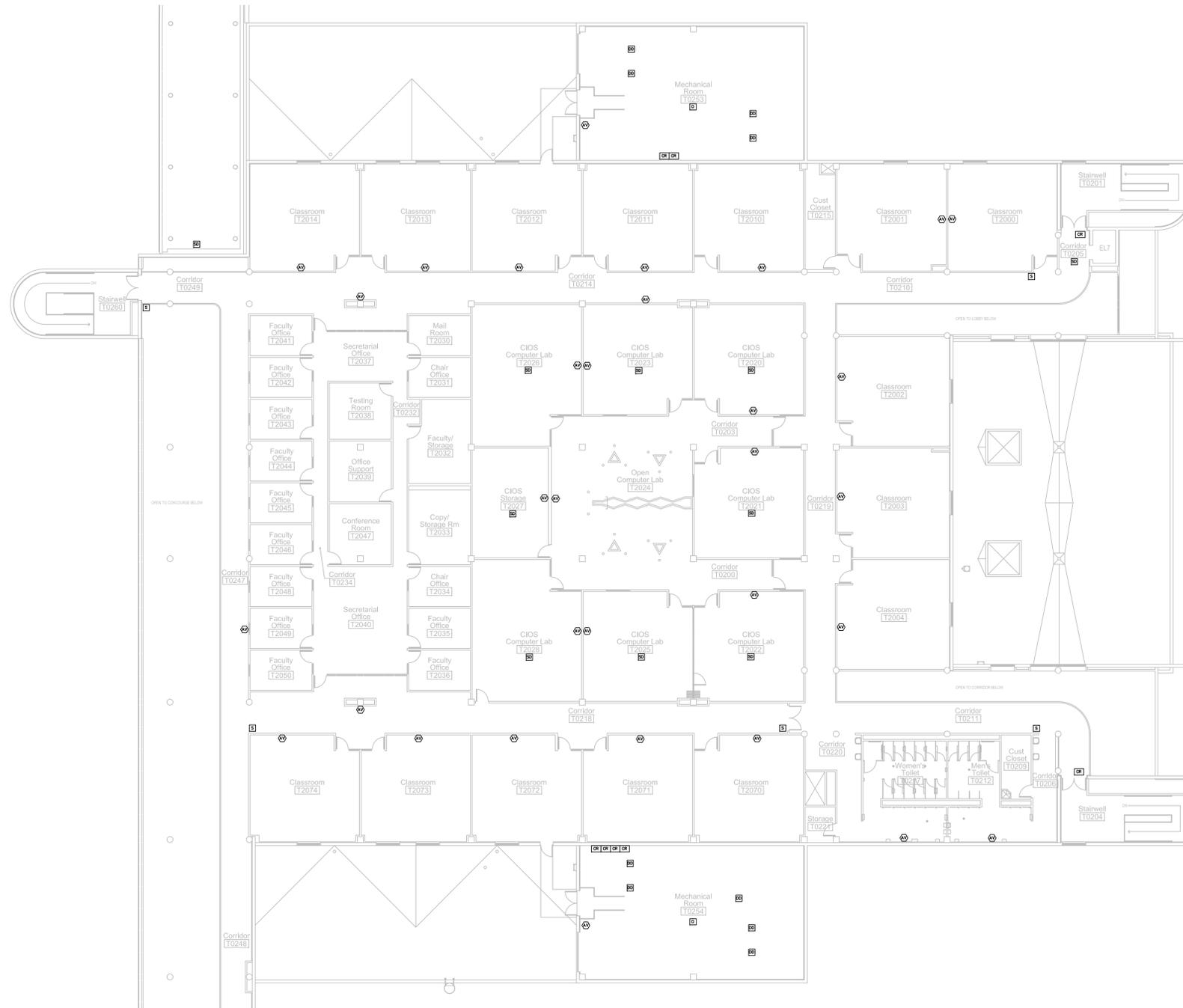
**FIRE ALARM UPGRADE**

**T BUILDING SECOND FLOOR PLAN**

DRAWN / DESIGNED BY ljh/LJH	JOB NO. 4698	SHEET NO. FA-211
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- [S] MANUAL PULL STATION
- [SD] SYSTEM SMOKE DETECTOR
- [D] SYSTEM HEAT DETECTOR
- [DD] HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- [SP] BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- [SDR] BEAM SYSTEM SMOKE DETECTOR RECEIVER
- [WF] SPRINKLER WATERFLOW INDICATOR
- [VSS] SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- [PS] SPRINKLER PRESSURE SWITCH
- [BPS] BOOSTER POWER SUPPLY
- [CR] CONTROL RELAY OR CONTROL MODULE
- [CT2] DUAL INPUT MODULE
- [CT1] SINGLE INPUT MODULE
- [AV] GENERAL ALARM DEVICE W/ VISUAL ALARM
- [V] VISUAL ALARM DEVICE
- [S] VOICE COMMUNICATION SPEAKER
- [H] MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- [SD] CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- [FA] CITY FIRE ALARM BOX
- [CST] CENTRAL STATION TIE AND DISCONNECT
- [TB] TROUBLE BELL
- [FAA] FIRE ALARM ANNUNCIATOR PANEL
- [FCP] FIRE ALARM CONTROL PANEL
- [D] MANUAL DUCT FIRE DAMPER CONTROL
- [FPC] FIRE PUMP CONTROLLER
- [DTS] DUCT DETECTOR TEST STATION



**T BUILDING SECOND FLOOR PLAN**

NTS



HOH PROJ. 4698

**GENERAL NOTES**

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**ISSUES / REVISIONS**

**KEY PLAN**

**FIRE ALARM UPGRADE**

**U BUILDING SECOND FLOOR PLAN**

DRAWN / DESIGNED BY 17/JJH	JOB NO. 4698	SHEET NO. FA-212
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- S** MANUAL PULL STATION
- SD** SYSTEM SMOKE DETECTOR
- D** SYSTEM HEAT DETECTOR
- DD** HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- SP** BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- SR** BEAM SYSTEM SMOKE DETECTOR RECEIVER
- WF** SPRINKLER WATERFLOW INDICATOR
- VSS** SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- PS** SPRINKLER PRESSURE SWITCH
- BPS** BOOSTER POWER SUPPLY
- CR** CONTROL RELAY OR CONTROL MODULE
- CT2** DUAL INPUT MODULE
- CT1** SINGLE INPUT MODULE
- AV** GENERAL ALARM DEVICE W/ VISUAL ALARM
- V** VISUAL ALARM DEVICE
- S** VOICE COMMUNICATION SPEAKER
- H** MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- SD** CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- FA** CITY FIRE ALARM BOX
- CST** CENTRAL STATION TIE AND DISCONNECT
- TB** TROUBLE BELL
- FAA** FIRE ALARM ANNUNCIATOR PANEL
- FCP** FIRE ALARM CONTROL PANEL
- △** MANUAL DUCT FIRE DAMPER CONTROL
- FPC** FIRE PUMP CONTROLLER
- DTS** DUCT DETECTOR TEST STATION



**U BUILDING SECOND FLOOR PLAN**  
NTS







**GENERAL NOTES**

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**ISSUES / REVISIONS**

**N** KEY PLAN

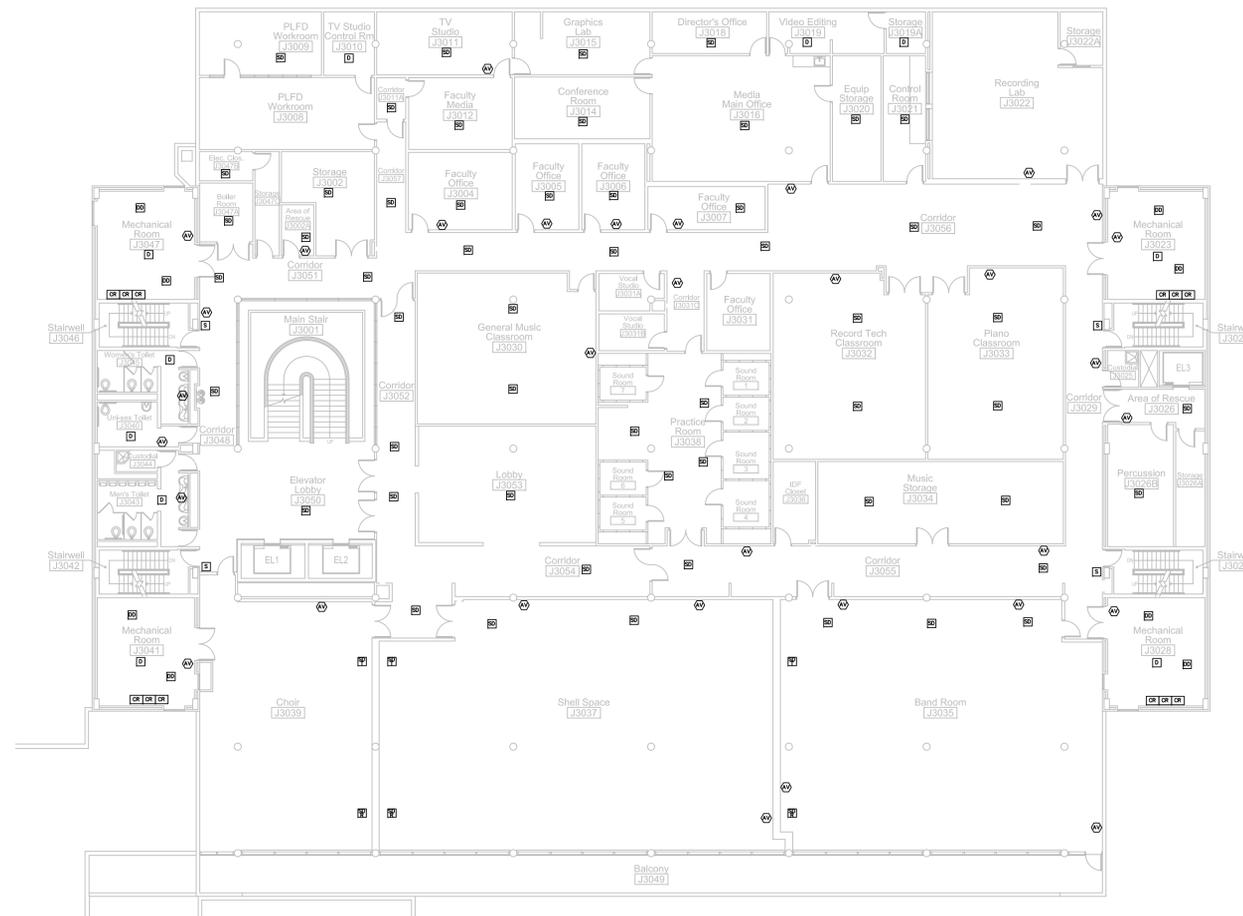
**FIRE ALARM UPGRADE**

**J BUILDING THIRD FLOOR PLAN**

DRAWN / DESIGNED BY ljh/LJH	JOB NO. 4698	SHEET NO. FA-303
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- [S] MANUAL PULL STATION
- [SD] SYSTEM SMOKE DETECTOR
- [D] SYSTEM HEAT DETECTOR
- [DD] HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- [SP] BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- [SDR] BEAM SYSTEM SMOKE DETECTOR RECEIVER
- [WF] SPRINKLER WATERFLOW INDICATOR
- [VSS] SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
- [PS] SPRINKLER PRESSURE SWITCH
- [BPS] BOOSTER POWER SUPPLY
- [CR] CONTROL RELAY OR CONTROL MODULE
- [CT2] DUAL INPUT MODULE
- [CT1] SINGLE INPUT MODULE
- [AV] GENERAL ALARM DEVICE W/ VISUAL ALARM
- [V] VISUAL ALARM DEVICE
- [S] VOICE COMMUNICATION SPEAKER
- [H] MAGNETIC/ELECTRONIC DOOR HOLD OPEN
- [SD] CITY FIRE ALARM BOX TIE/DISCONNECT PANEL
- [FA] CITY FIRE ALARM BOX
- [CST] CENTRAL STATION TIE AND DISCONNECT
- [TB] TROUBLE BELL
- [FAA] FIRE ALARM ANNUNCIATOR PANEL
- [FCP] FIRE ALARM CONTROL PANEL
- [D] MANUAL DUCT FIRE DAMPER CONTROL
- [FPC] FIRE PUMP CONTROLLER
- [DTS] DUCT DETECTOR TEST STATION



**J BUILDING THIRD FLOOR PLAN**  
 NTS



**GENERAL NOTES**

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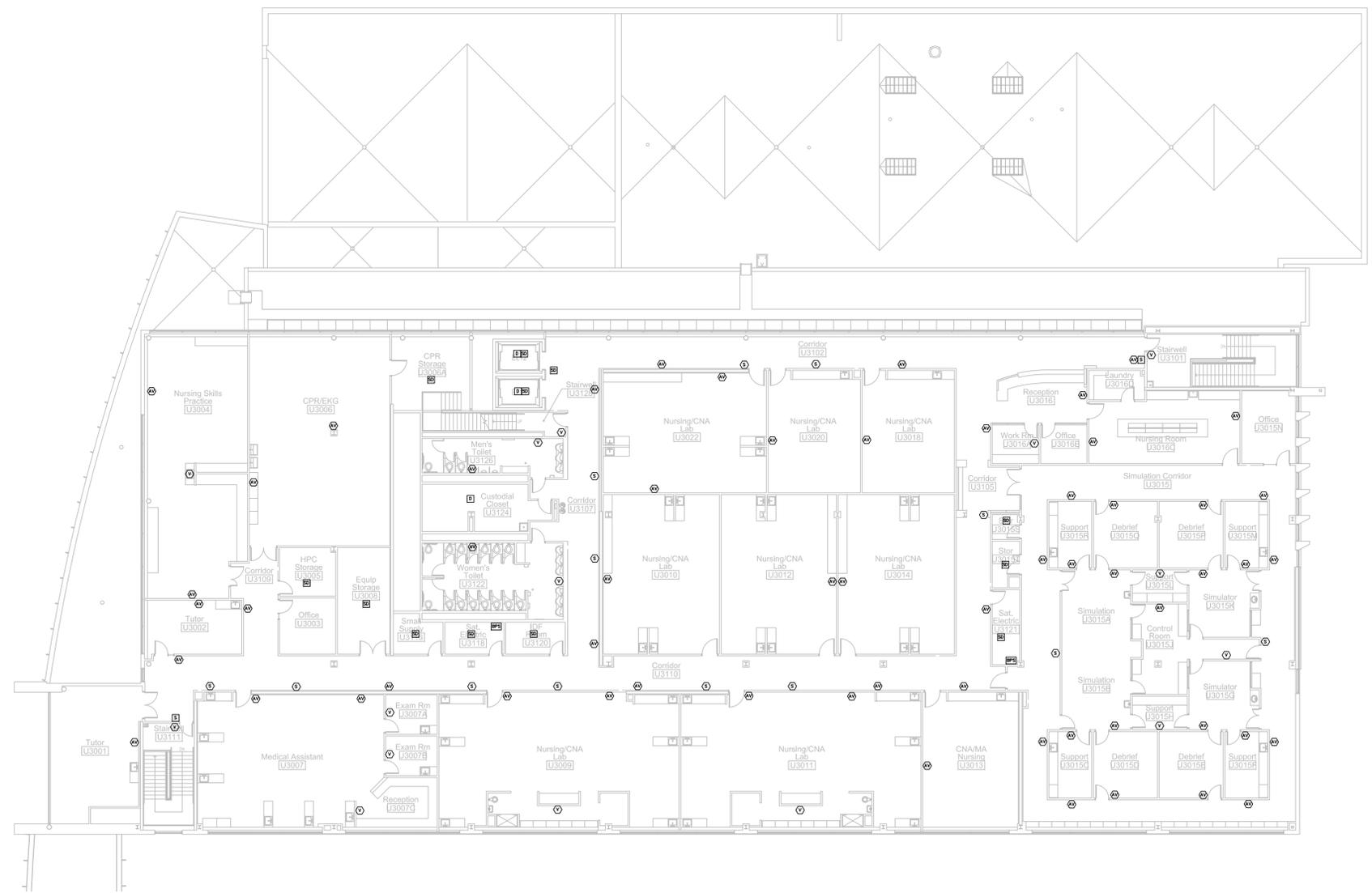
**FIRE ALARM UPGRADE**

**U BUILDING THIRD FLOOR PLAN**

DRAWN / DESIGNED BY ljh/LJH	JOB NO. 4698	SHEET NO. FA-304
CHECKED & APPROVED BY RER	SCALE N.T.S.	

**DEVICE LEGEND**

- [S] MANUAL PULL STATION
- [SD] SYSTEM SMOKE DETECTOR
- [D] SYSTEM HEAT DETECTOR
- [DD] HVAC DUCT SMOKE DETECTOR WITH TEST SWITCH
- [SP] BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
- [SDR] BEAM SYSTEM SMOKE DETECTOR RECEIVER
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**U BUILDING THIRD FLOOR PLAN**  
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