

GENERAL NOTES:

1. PROVIDE NEW ADDRESSABLE FIRE ALARM SYSTEM AS SHOWN. ONCE NEW SYSTEM IS 100% OPERATIONAL THE EXISTING FIRE ALARM DEVICES AND HEADEND EQUIPMENT SHALL BE REMOVED IN ITS ENTIRETY.
2. COORDINATE WITH MECHANICAL PIPE ROUTING. CORRIDOR CEILINGS TO BE MODIFIED. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS. ANY CORRIDOR LIGHT FIXTURES AFFECTED BY MECHANICAL WORK SHALL BE REMOVED AND RELOCATED BACK AT THE SAME LOCATION. ELECTRICAL CONTRACTOR TO DISCONNECT AND RECONNECT LIGHTING BRANCH CIRCUIT.

WORK NOTES:

Ⓢ PROVIDE NEW EMERGENCY LIGHTS AND EXIT LIGHTS AS INDICATED. NEW EMERGENCY LIGHTS AND EXIT LIGHTS SHALL BE TIED TO EXISTING LIGHTING CIRCUIT IN THE AREA AHEAD OF ANY SWITCHING.

ELMSFORD UNION FREE SCHOOL DISTRICT
INFRASTRUCTURE IMPROVEMENTS AND RELATED WORK
Elmsford, New York

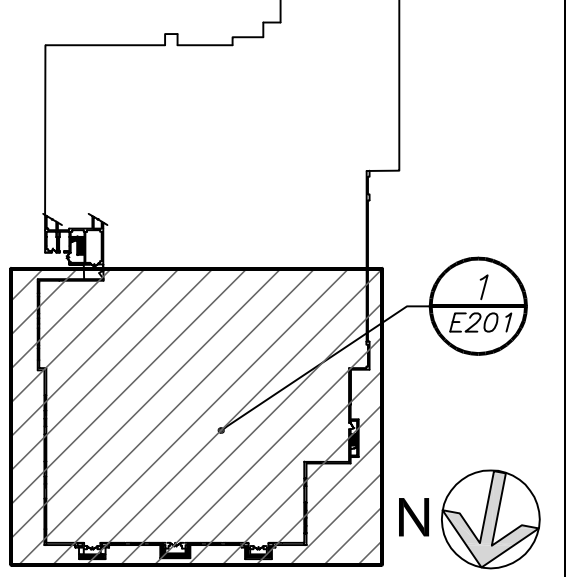
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285 main street mount kisco, new york 10549
p: 914.666.5900 f: 914.666.0051 kgdarchitects.com

CONSTRUCTION DOCUMENTS
NY S.E.D. Control No.
66-04-09-02-0-001-022
66-04-09-02-0-002-013
66-04-09-02-0-004-009
66-04-09-02-0-005-004



DAMIANO BARILE ENGINEERS, P.C.
MECHANICAL-ELECTRICAL CONSULTANTS
77 TABERTOWN ROAD, WHITE PLAINS NY 10607
PHONE: 914.328.6000 FAX: 914.328.9304

KEY PLAN



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3	11-18-16	CONSTRUCTION DOCUMENTS
2	05-25-16	DESIGN DEVELOPMENT
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No.	Date	Issue

HAMILTON HS BASEMENT FLOOR PLAN

Job No.	2015-1083	Sheet No.	E201
Date	02-12-16	Scale	
Drawn/Checked	AS NOTED	DBE/DBE	

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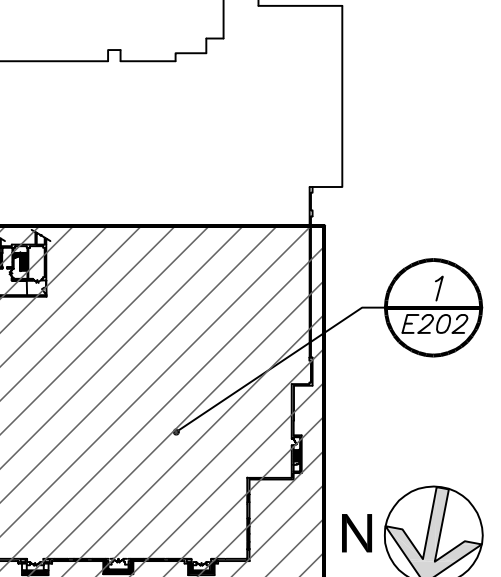
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KEY PLAN

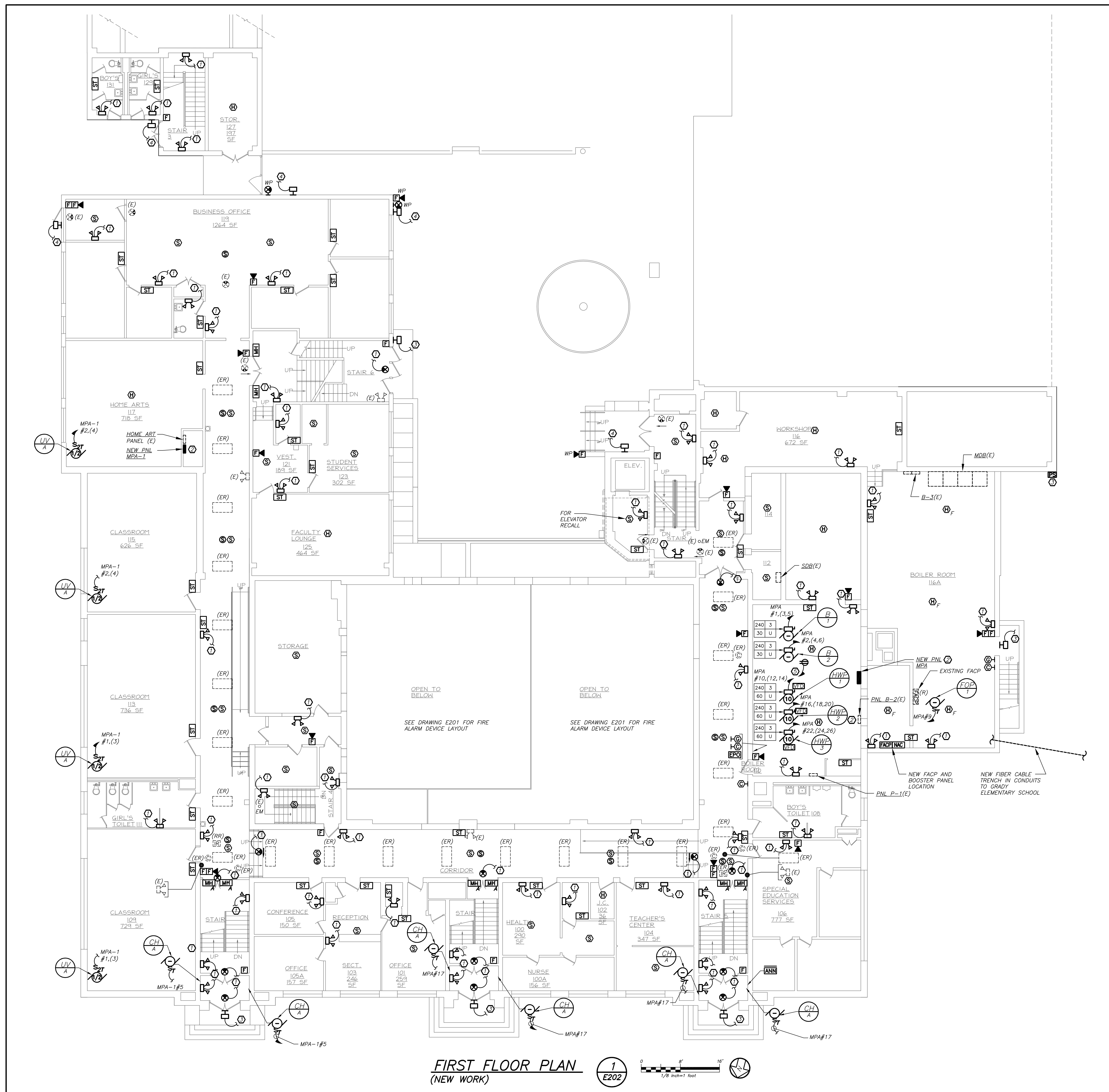


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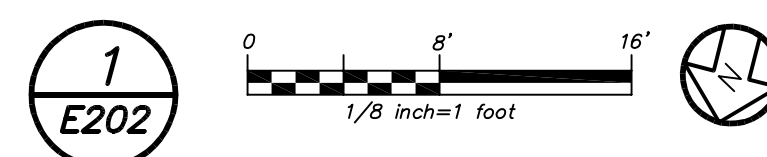
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WORK NOTES:

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2. PROVIDE NEW PANELBOARD AS INDICATED. FOR INFORMATION AND DETAILS, REFER TO DRAWING E501 FOR POWER RISER DIAGRAM AND DRAWING E701 FOR PANELBOARD SCHEDULE.
3. REPLACE EXISTING WALL SCONCE WITH NEW. RE-USE EXISTING CIRCUIT SERVING WALL SCONCES, PROVIDE NEW WIRE AND CONDUIT TO FEED NEW WALL SCONCE. PROVIDE 2#12x#12G IN 3/4" C. MAINTAIN CONTINUITY ON ALL REMAINING WALL SCONCES ON THE SAME CIRCUIT AND SAVE OFF AT EXISTING JUNCTION BOXES. PROVIDE NEW EXTERIOR PHOTOCELL SENSOR (NORTH FACING) TO CONTROL EXISTING AND NEW WALL SCONCES. INTEGRAL EMERGENCY BATTERY PACKS SHALL BE CIRCUITED AHEAD OF PHOTOCELL SWITCH OF THE SAME CIRCUIT.
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5. PROVIDE KINDORF MOUNTED DUPLEX RECEPTACLE FOR CHEMICAL TREATMENT TANK CONTROL. PROVIDE 2#12x#12G IN 3/4" C AND (1) NEW 20 AMP 1 POLE CIRCUIT BREAKER IN EXISTING PANEL B-2 TO FEED RECEPTACLE.



FIRST FLOOR PLAN
 (NEW WORK)



BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

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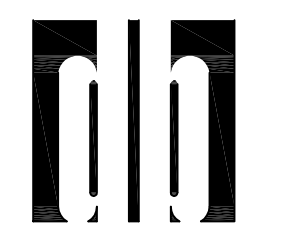
3	11-18-16	CONSTRUCTION DOCUMENTS
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No.	Date	Issue

HAMILTON HS FIRST FLOOR PLAN

Job No.	2015-1083	Sheet No.	E202
Date	02-12-16		
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Drawn/Checked	DBE/DBE		

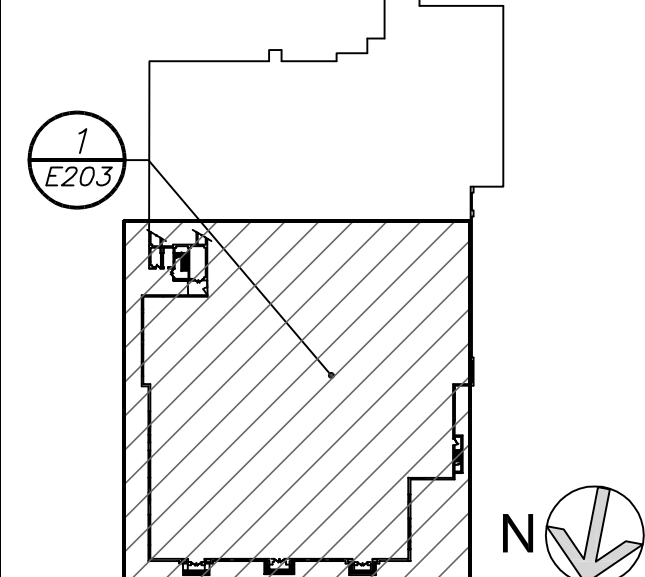
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 PHONE: 914.328.6000 FAX: 914.328.9304

KEY PLAN



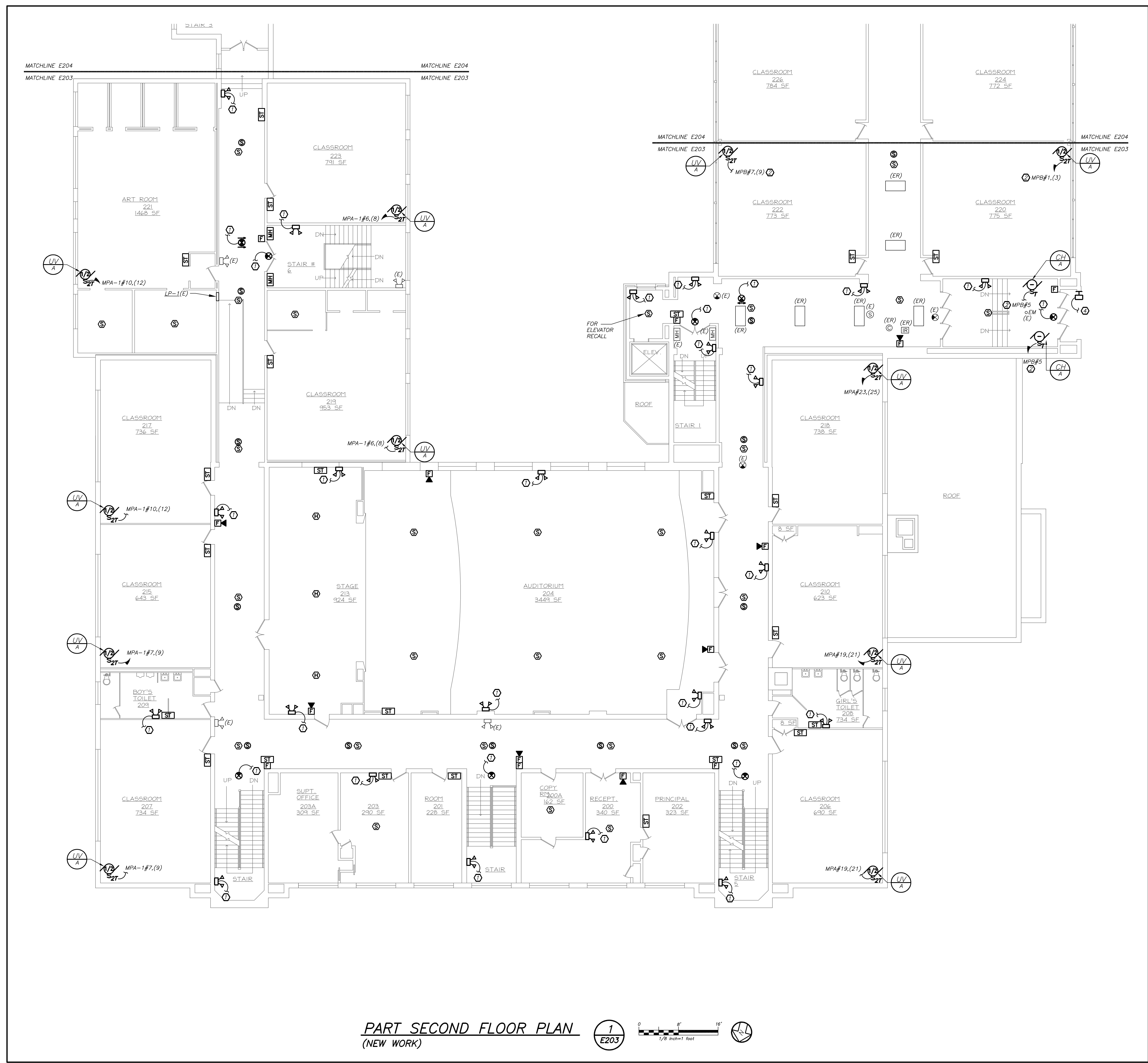
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HAMILTON HS SECOND FLOOR PART PLAN

Job No.	2015-1083	Sheet No.	E203
Date	02-12-16		
Scale	AS NOTED		
Drawn/Checked	DBE/DBE		

- GENERAL NOTES:**
1. PROVIDE NEW ADDRESSABLE FIRE ALARM SYSTEM AS SHOWN. ONCE NEW SYSTEM IS 100% OPERATIONAL, THE EXISTING FIRE ALARM DEVICES AND HEADEND EQUIPMENT SHALL BE REMOVED IN ITS ENTIRETY.
 2. COORDINATE WITH MECHANICAL PIPE ROUTING. CORRIDOR CEILING TO BE MODIFIED. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS. ANY CORRIDOR LIGHT FIXTURES AFFECTED BY MECHANICAL WORK SHALL BE REMOVED AND RELOCATED BACK AT THE SAME LOCATION. ELECTRICAL CONTRACTOR TO DISCONNECT AND RECONNECT LIGHTING BRANCH CIRCUIT.
- WORK NOTES:**
1. PROVIDE NEW EMERGENCY LIGHTS AND EXIT LIGHTS AS INDICATED. NEW EMERGENCY LIGHTS AND EXIT LIGHTS SHALL BE TIED TO EXISTING LIGHTING CIRCUIT IN THE AREA AHEAD OF ANY SWITCHING.
 2. REFER TO DRAWING E204 FOR NEW PANEL 'MPB' LOCATION.
 3. NOT USED.
 4. PROVIDE NEW WALL SCONCE AS INDICATED. USE EXISTING CIRCUIT SERVING OTHER EXTERIOR WALL SCONCE IN THE AREA, PROVIDE NEW WIRE AND CONDUIT TO FEED NEW WALL SCONCE. PROVIDE 2#12+1#12G IN 3/4" C. MAINTAIN CONTINUITY ON ALL REMAINING WALL SCONCES ON THE SAME CIRCUIT AND SAVE OFF AT EXISTING JUNCTION BOXES. PROVIDE NEW EXTERIOR PHOTOCELL SENSOR (NORTH FACING) TO CONTROL EXISTING AND NEW WALL SCONCES. INTEGRAL EMERGENCY BATTERY PACKS SHALL BE CIRCUITED AHEAD OF PHOTOCELL SWITCH OF THE SAME CIRCUIT.



PART SECOND FLOOR PLAN
 (NEW WORK)

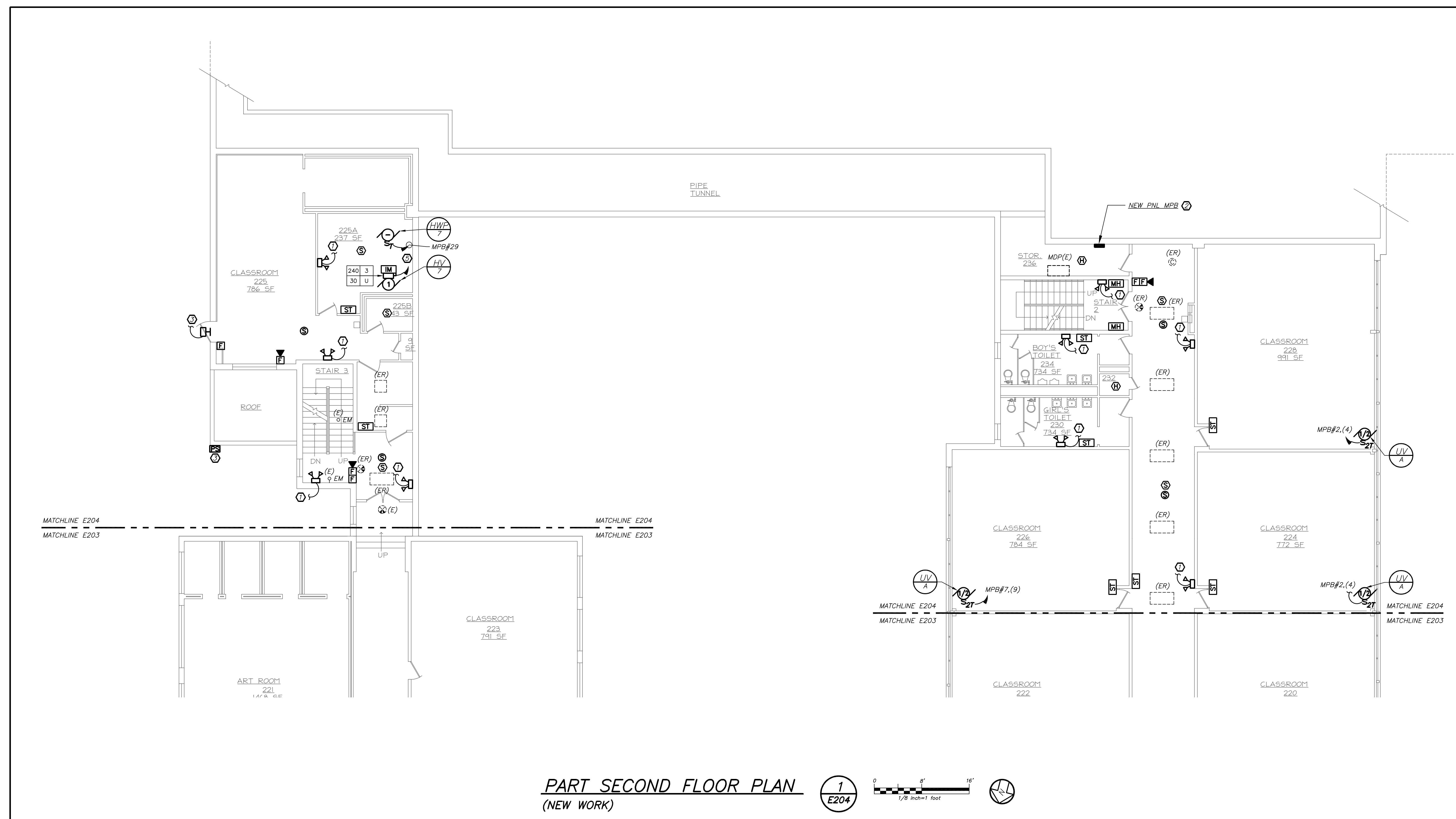
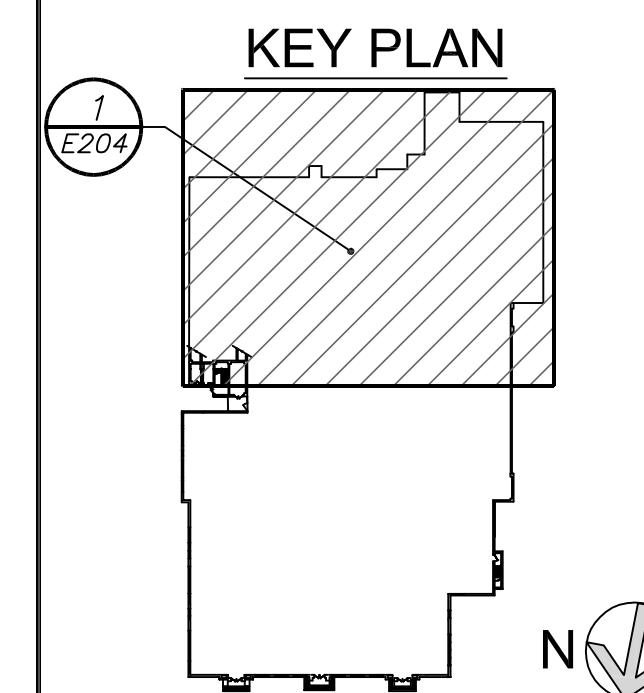
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CONSTRUCTION DOCUMENTS

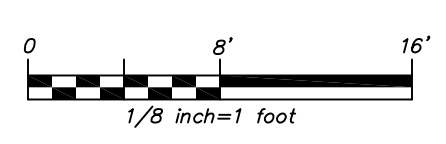
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PART SECOND FLOOR PLAN
 (NEW WORK)



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 4. NOT USED.
 5. RE-USE EXISTING CIRCUIT SERVING HV-7 FROM EXISTING MECHANICAL PANEL IN GYM STORAGE. PROVIDE (1) NEW 20 AMP, 208V 3 POLE CIRCUIT BREAKER TO FEED NEW HV-9 UNIT. PROVIDE 3#12x1#12G IN 3/4" C. SEE DRAWING E206 FOR GYM STORAGE PANEL LOCATION.

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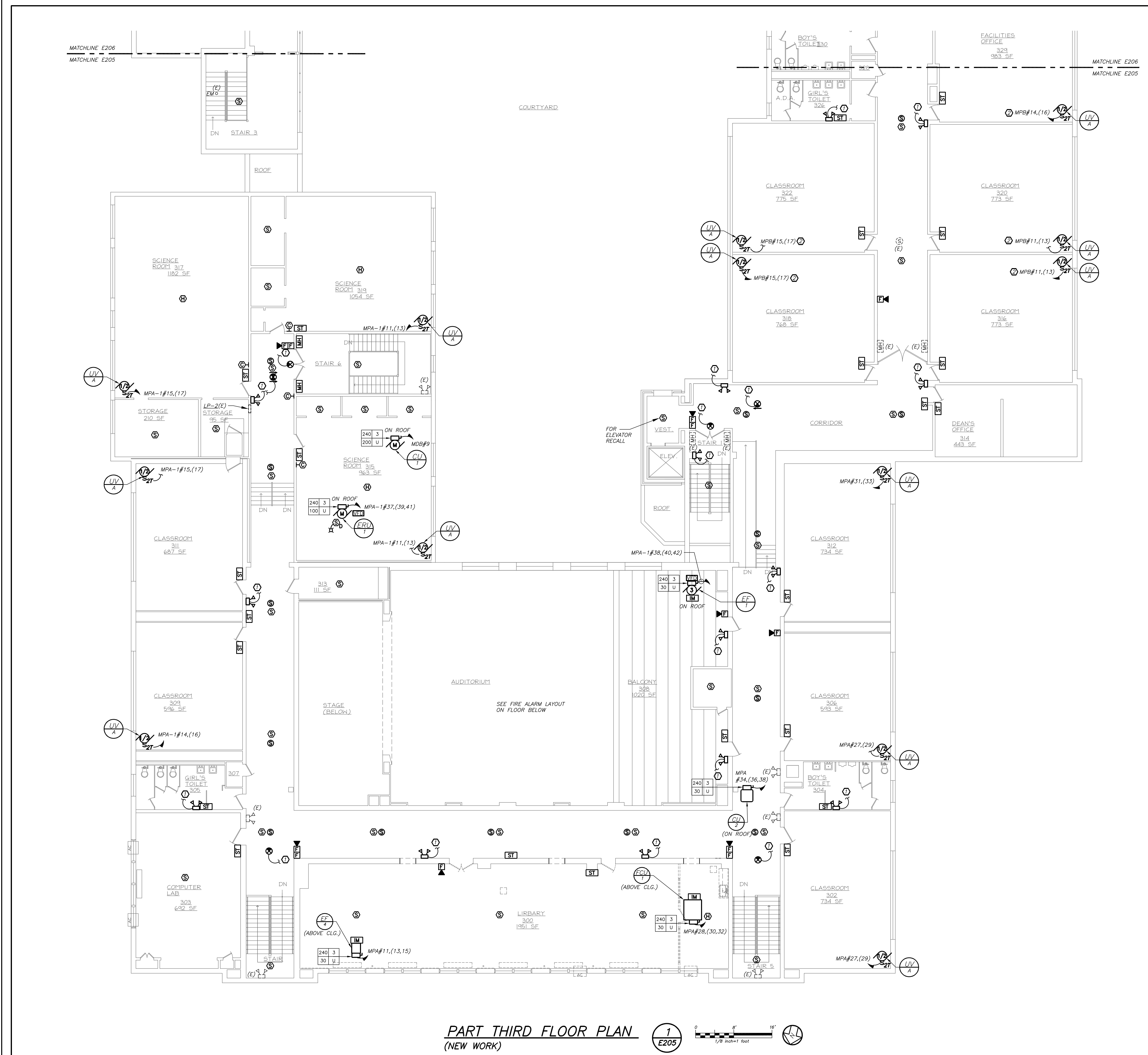
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No.	Date	Issue

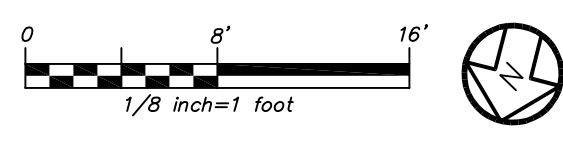
HAMILTON HS SECOND FLOOR PART PLAN

Job No.	2015-1083	Sheet No.	E204
Date	02-12-16	AS NOTED	
Scale	AS NOTED	Drawn/Checked	
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PART THIRD FLOOR PLAN
(NEW WORK) 1 E205



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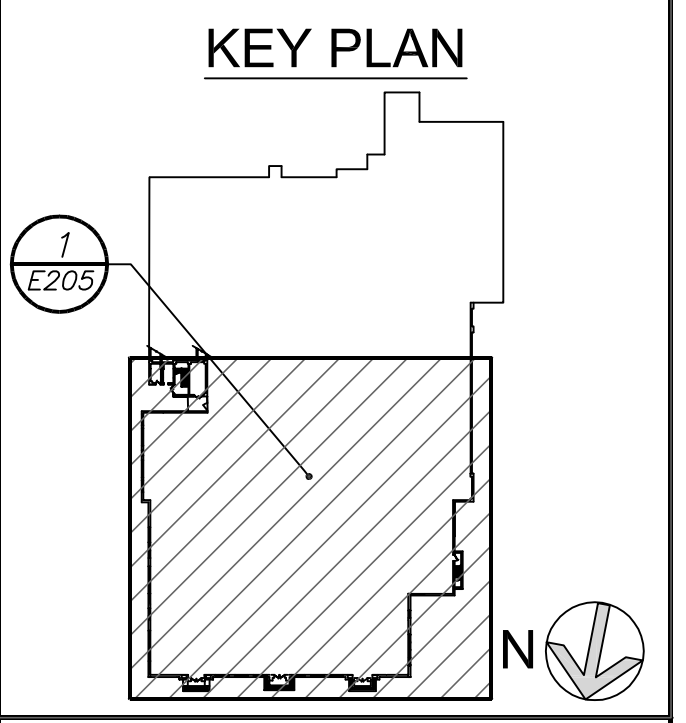
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 - ② REFER TO DRAWING E204 FOR NEW PANEL "MPB" LOCATION.

ELMSFORD UNION FREE SCHOOL DISTRICT
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Elmsford, New York

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**HAMILTON HS
THIRD FLOOR
PART PLAN**

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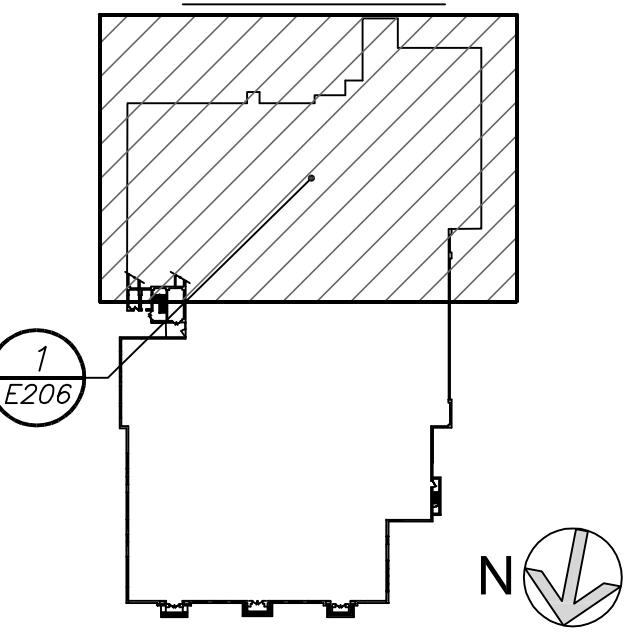
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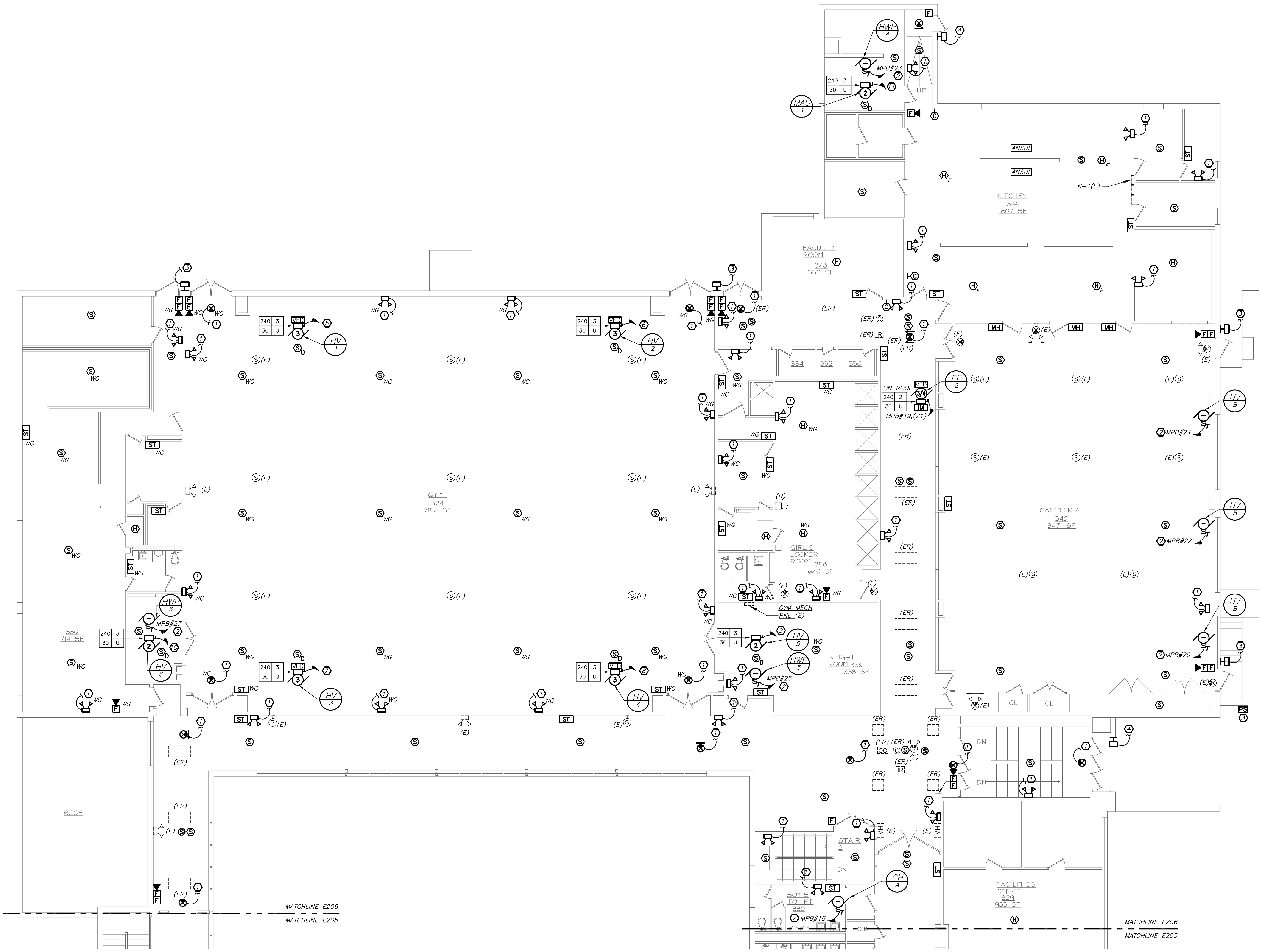
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1. PROVIDE NEW EMERGENCY LIGHTS AND EXIT LIGHTS AS INDICATED. NEW EMERGENCY LIGHTS AND EXIT LIGHTS SHALL BE TIED TO EXISTING LIGHTING CIRCUIT IN THE AREA AHEAD OF ANY SWITCHING.
 2. REFER TO DRAWING E204 FOR NEW PANEL 'MPB' LOCATION.
 3. REPLACE EXISTING WALL SCONCE WITH NEW. RE-USE EXISTING CIRCUIT SERVING WALL SCONCES. PROVIDE NEW WIRE AND CONDUIT TO FEED NEW WALL SCONCE. PROVIDE 2#12+1#12G IN 3/4" C. MAINTAIN CONTINUITY ON ALL REMAINING WALL SCONCES ON THE SAME CIRCUIT AND SAVE OFF AT EXISTING JUNCTION BOXES. PROVIDE NEW EXTERIOR PHOTOCELL SENSOR (NORTH FACING) TO CONTROL EXISTING AND NEW WALL SCONCES. INTEGRAL EMERGENCY BATTERY PACKS SHALL BE CIRCUITED AHEAD OF PHOTOCELL SWITCH OF THE SAME CIRCUIT.
 4. PROVIDE NEW WALL SCONCE AS INDICATED. USE EXISTING CIRCUIT SERVING OTHER EXTERIOR WALL SCONCE IN THE AREA. PROVIDE NEW WIRE AND CONDUIT TO FEED NEW WALL SCONCE. PROVIDE 2#12+1#12G IN 3/4" C. MAINTAIN CONTINUITY ON ALL REMAINING WALL SCONCES ON THE SAME CIRCUIT AND SAVE OFF AT EXISTING JUNCTION BOXES. PROVIDE NEW EXTERIOR PHOTOCELL SENSOR (NORTH FACING) TO CONTROL EXISTING AND NEW WALL SCONCES. INTEGRAL EMERGENCY BATTERY PACKS SHALL BE CIRCUITED AHEAD OF PHOTOCELL SWITCH OF THE SAME CIRCUIT.
 5. RE-USE EXISTING CIRCUIT FOR HV-1 UNIT FROM EXISTING GYM MECHANICAL PANEL. PROVIDE (1) NEW 20 AMP, 208V 3 POLE CIRCUIT BREAKER TO FEED NEW HV-1 UNIT. PROVIDE 3#12+1#12G IN 3/4" C.
 6. RE-USE EXISTING CIRCUIT FOR HV-2 UNIT FROM EXISTING GYM MECHANICAL PANEL. PROVIDE (1) NEW 20 AMP, 208V 3 POLE CIRCUIT BREAKER TO FEED NEW HV-2 UNIT. PROVIDE 3#12+1#12G IN 3/4" C.
 7. RE-USE EXISTING CIRCUIT FOR HV-3 UNIT FROM EXISTING GYM MECHANICAL PANEL. PROVIDE (1) NEW 20 AMP, 208V 3 POLE CIRCUIT BREAKER TO FEED NEW HV-3 UNIT. PROVIDE 3#12+1#12G IN 3/4" C.
 8. RE-USE EXISTING CIRCUIT FOR HV-4 UNIT FROM EXISTING GYM MECHANICAL PANEL. PROVIDE (1) NEW 20 AMP, 208V 3 POLE CIRCUIT BREAKER TO FEED NEW HV-4 UNIT. PROVIDE 3#12+1#12G IN 3/4" C.
 9. RE-USE EXISTING CIRCUIT FOR HV-5 UNIT FROM EXISTING GYM MECHANICAL PANEL. PROVIDE (1) NEW 20 AMP, 208V 3 POLE CIRCUIT BREAKER TO FEED NEW HV-5 UNIT. PROVIDE 3#12+1#12G IN 3/4" C.
 10. RE-USE EXISTING CIRCUIT FOR HV-6 UNIT FROM EXISTING GYM MECHANICAL PANEL. PROVIDE (1) NEW 20 AMP, 208V 3 POLE CIRCUIT BREAKER TO FEED NEW HV-6 UNIT. PROVIDE 3#12+1#12G IN 3/4" C.
 11. RE-USE EXISTING CIRCUIT FOR MAU-1 UNIT FROM EXISTING GYM MECHANICAL PANEL. PROVIDE (1) NEW 20 AMP, 208V 3 POLE CIRCUIT BREAKER TO FEED NEW MAU-1 UNIT. PROVIDE 3#12+1#12G IN 3/4" C.



PART THIRD FLOOR PLAN
 (NEW WORK)

1
 E206

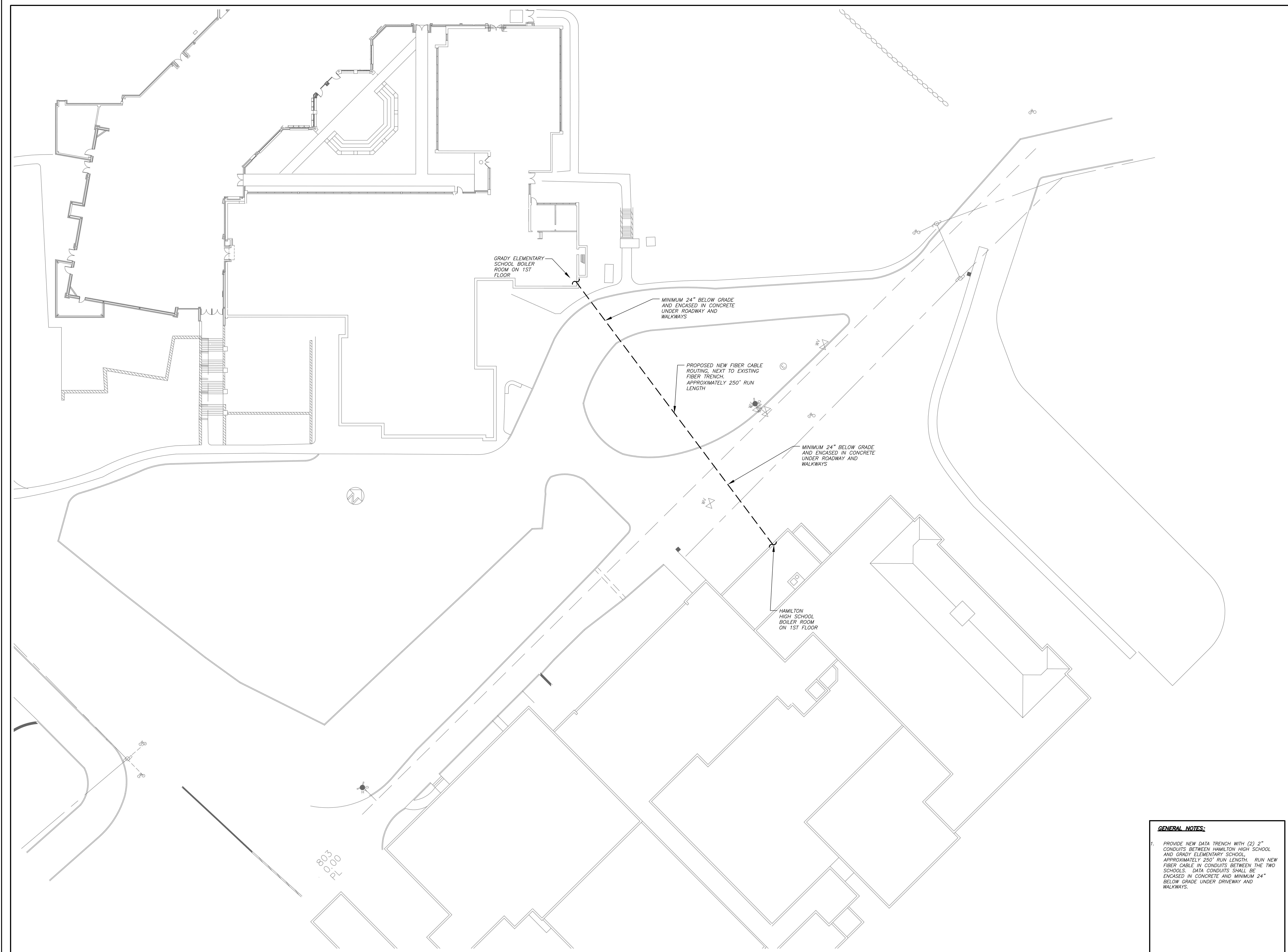
0 6' 12'
 1/8" inch = 1' foot

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

3	11-18-16	CONSTRUCTION DOCUMENTS
2	05-25-16	DESIGN DEVELOPMENT
1	04-05-16	SCHEMATIC DESIGN
No.	Date	Issue

**HAMILTON HS
 THIRD FLOOR
 PART PLAN**

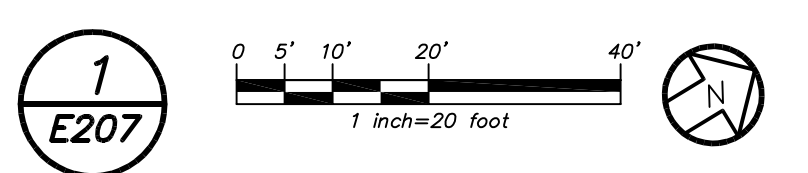
Job No.	2015-1083	Sheet No.	E206
Date	02-12-16	Scale	
Scale	AS NOTED	Drawn/Checked	
Drawn/Checked	DBE/DBE		



GENERAL NOTES:

1. PROVIDE NEW DATA TRENCH WITH (2) 2" CONDUITS BETWEEN HAMILTON HIGH SCHOOL AND GRADY ELEMENTARY SCHOOL, APPROXIMATELY 250' RUN LENGTH. RUN NEW FIBER CABLE IN CONDUITS BETWEEN THE TWO SCHOOLS. DATA CONDUITS SHALL BE ENCASED IN CONCRETE AND MINIMUM 24" BELOW GRADE UNDER DRIVEWAY AND WALKWAYS.

PART SITE PLAN
 (NEW WORK)



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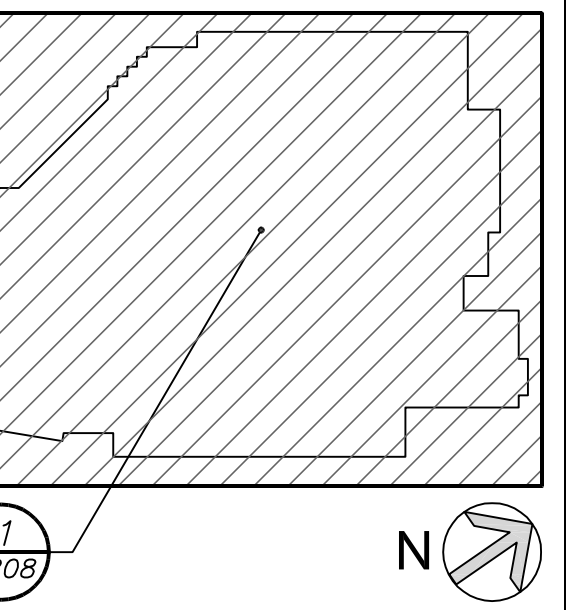
No.	Date	Issue
3	11-18-16	CONSTRUCTION DOCUMENTS
2	05-25-16	DESIGN DEVELOPMENT
1	04-05-16	SCHEMATIC DESIGN

Sheet Title
GRADY ES & HAMILTON HS PART SITE PLAN

Job No.	Sheet No.
2015-1083	
Date	E207
02-12-16	
Scale	
AS NOTED	
Drawn/Checked	
DBE/DBE	



KEY PLAN



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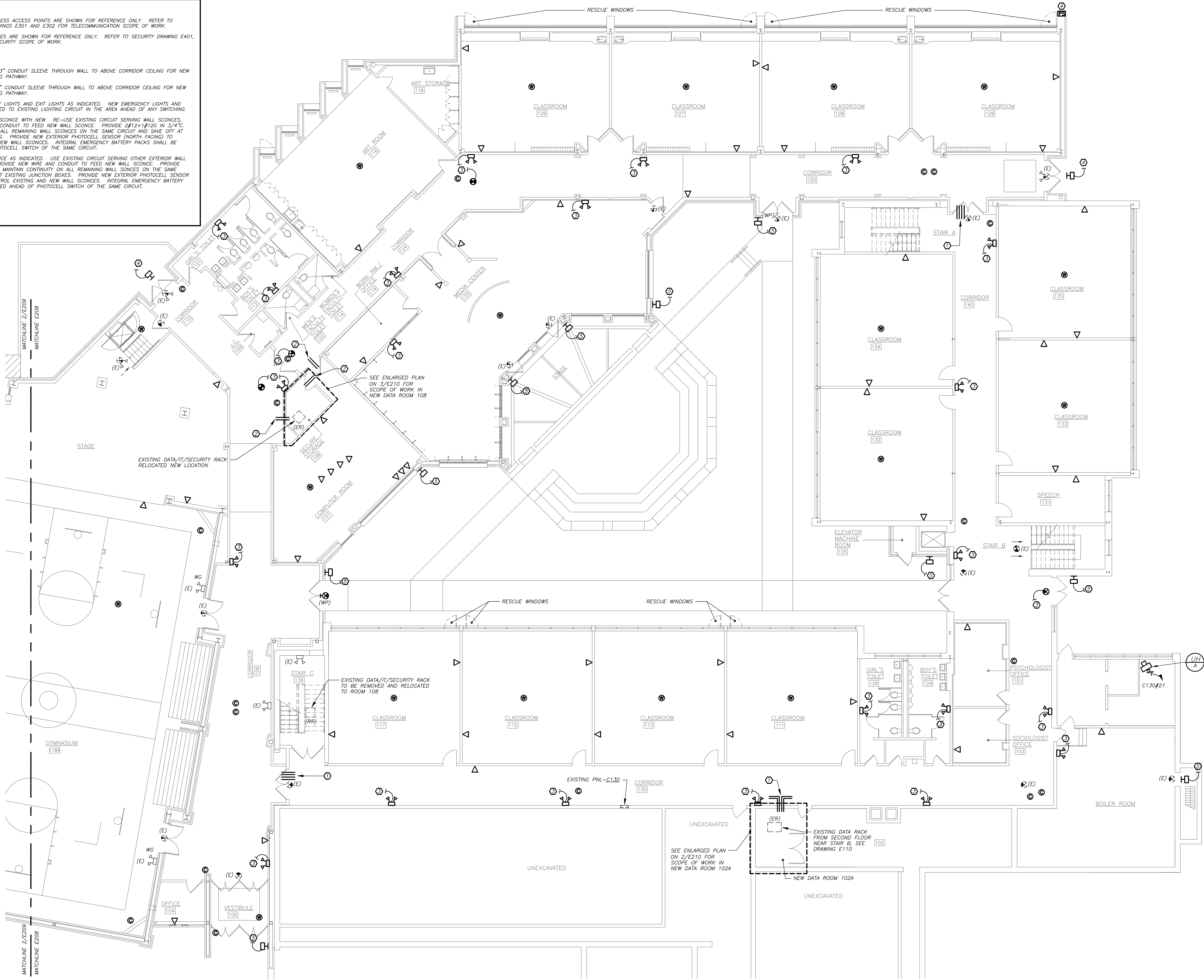
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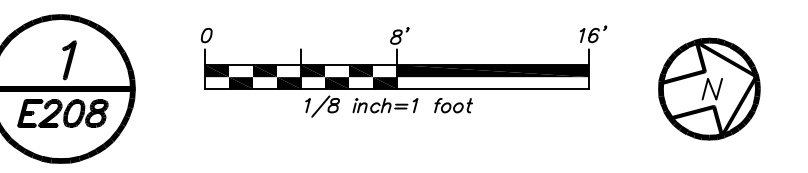
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2	05-25-16	DESIGN DEVELOPMENT
1	04-05-16	SCHEMATIC DESIGN

No.	Date	Issue
Sheet Title		
GRADY ES FIRST FLOOR PART PLAN		
Job No.	2015-1083	Sheet No.
Date	02-12-16	E208
Scale	AS NOTED	
Drawn/Checked	DBE/DBE	

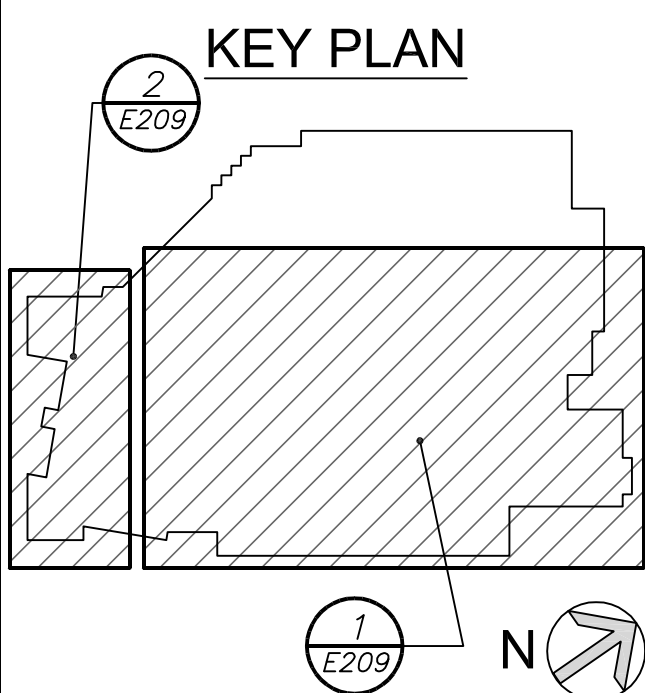
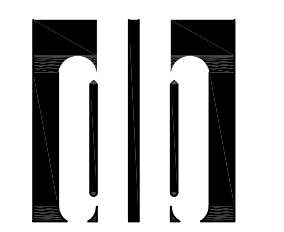
- GENERAL NOTES:**
- DATA OUTLETS AND WIRELESS ACCESS POINTS ARE SHOWN FOR REFERENCE ONLY. REFER TO TELECOMMUNICATION DRAWINGS E301 AND E302 FOR TELECOMMUNICATION SCOPE OF WORK.
 - CAMERAS AND CARD SWIPES ARE SHOWN FOR REFERENCE ONLY. REFER TO SECURITY DRAWING E401, E402, AND E403 FOR SECURITY SCOPE OF WORK.
- WORK NOTES:**
- PROVIDE (4) FOUR NEW 3" CONDUIT SLEEVE THROUGH WALL TO ABOVE CORRIDOR CEILING FOR NEW HORIZONTAL DATA CABLING PATHWAY.
 - PROVIDE (2) TWO NEW 3" CONDUIT SLEEVE THROUGH WALL TO ABOVE CORRIDOR CEILING FOR NEW HORIZONTAL DATA CABLING PATHWAY.
 - PROVIDE NEW EMERGENCY LIGHTS AND EXIT LIGHTS AS INDICATED. NEW EMERGENCY LIGHTS AND EXIT LIGHTS SHALL BE TIED TO EXISTING LIGHTING CIRCUIT IN THE AREA AHEAD OF ANY SWITCHING.
 - REPLACE EXISTING WALL SCONCE WITH NEW. RE-USE EXISTING CIRCUIT SERVING WALL SCONCES. PROVIDE NEW WIRE AND CONDUIT TO FEED NEW WALL SCONCE. PROVIDE 2#12+1#12G IN 3/4" C. MAINTAIN CONTINUITY ON ALL REMAINING WALL SCONCES ON THE SAME CIRCUIT AND SAVE OFF AT EXISTING JUNCTION BOXES. PROVIDE NEW EXTERIOR PHOTOCELL SENSOR (NORTH FACING) TO CONTROL EXISTING AND NEW WALL SCONCES. INTEGRAL EMERGENCY BATTERY PACKS SHALL BE CIRCUITED AHEAD OF PHOTOCELL SWITCH OF THE SAME CIRCUIT.
 - PROVIDE NEW WALL SCONCE AS INDICATED. USE EXISTING CIRCUIT SERVING OTHER EXTERIOR WALL SCONCE IN THE AREA. PROVIDE NEW WIRE AND CONDUIT TO FEED NEW WALL SCONCE. PROVIDE 2#12+1#12G IN 3/4" C. MAINTAIN CONTINUITY ON ALL REMAINING WALL SCONCES ON THE SAME CIRCUIT AND SAVE OFF AT EXISTING JUNCTION BOXES. PROVIDE NEW EXTERIOR PHOTOCELL SENSOR (NORTH FACING) TO CONTROL EXISTING AND NEW WALL SCONCES. INTEGRAL EMERGENCY BATTERY PACKS SHALL BE CIRCUITED AHEAD OF PHOTOCELL SWITCH OF THE SAME CIRCUIT.



PART FIRST FLOOR PLAN
 (NEW WORK)



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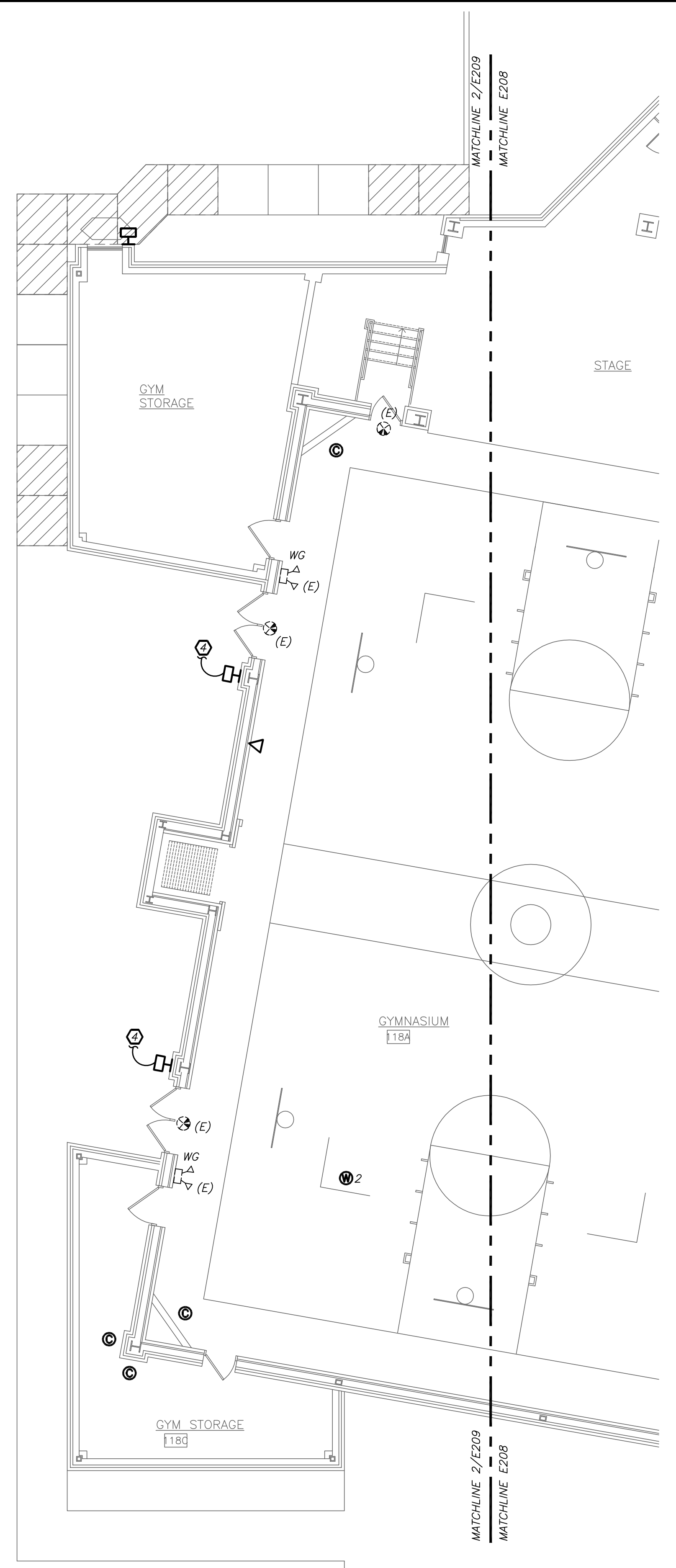
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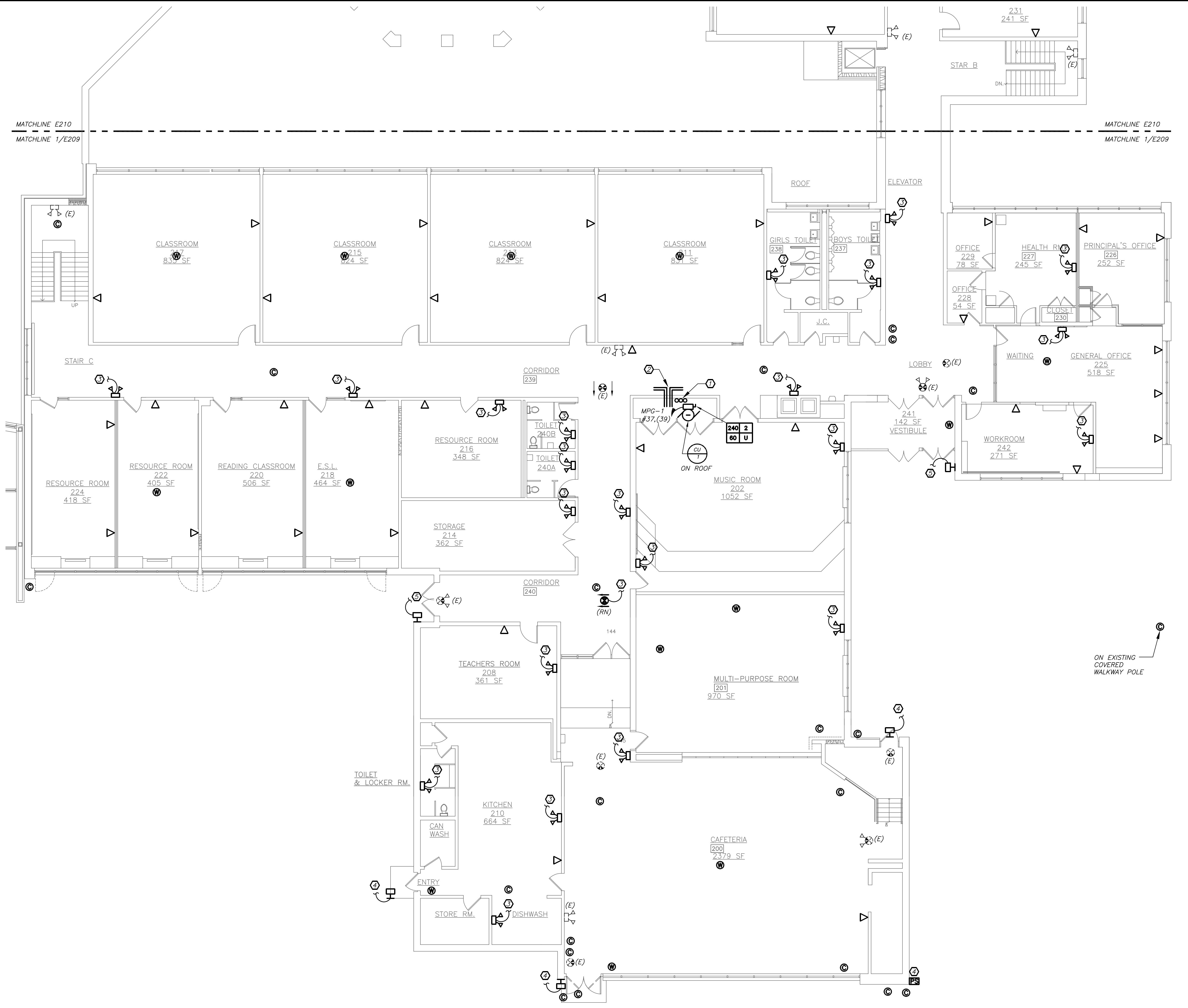
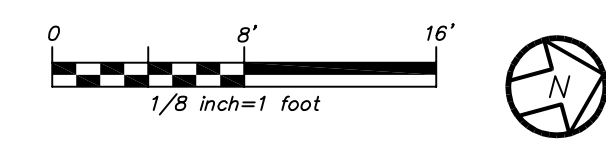
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3	11-18-16	CONSTRUCTION DOCUMENTS
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1	04-05-16	SCHEMATIC DESIGN

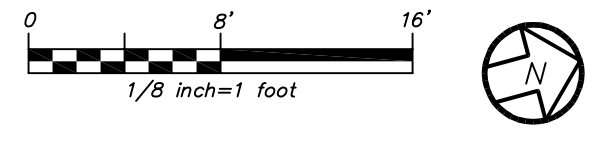
No.	Date	Issue
Sheet Title		
GRADY ES PART FIRST AND SECOND FLOOR PLANS		
Job No.	2015-1083	
Date	02-12-16	
Scale	AS NOTED	
Drawn/Checked	DBE/DBE	
E209		



PART FIRST FLOOR PLAN
 (NEW WORK) 2
E209



PART SECOND FLOOR PLAN
 (NEW WORK) 1
E209



WORK NOTES:

- 1 PROVIDE FLOOR PENETRATION FOR DATA CABLING PATHWAY. PROVIDE ONE (1) STI EZ PATH #F-A-3054 FIRESTOP DEVICE MODULE. COORDINATE PENETRATION WITH STRUCTURAL ENGINEER BEFORE THE START OF ANY WORK.
- 2 PROVIDE (4) FOUR NEW 3" CONDUIT SLEEVE THROUGH WALL TO ABOVE CORRIDOR CEILING FOR NEW HORIZONTAL DATA CABLING PATHWAY.
- 3 PROVIDE NEW EMERGENCY LIGHTS AND EXIT LIGHTS AS INDICATED. NEW EMERGENCY LIGHTS AND EXIT LIGHTS SHALL BE TIED TO EXISTING LIGHTING CIRCUIT IN THE AREA AHEAD OF ANY SWITCHING.
- 4 REPLACE EXISTING WALL SCONCE WITH NEW. RE-USE EXISTING CIRCUIT SERVING WALL SCONCES. PROVIDE NEW WIRE AND CONDUIT TO FEED NEW WALL SCONCE. PROVIDE 2#12+1#12G IN 3/4" C. MAINTAIN CONTINUITY ON ALL REMAINING WALL SCONCES ON THE SAME CIRCUIT AND SAVE OFF AT EXISTING JUNCTION BOXES. PROVIDE NEW EXTERIOR PHOTOCELL SENSOR (NORTH FACING) TO CONTROL EXISTING AND NEW WALL SCONCES. INTEGRAL EMERGENCY BATTERY PACKS SHALL BE CIRCUITED AHEAD OF PHOTOCELL SWITCH OF THE SAME CIRCUIT.
- 5 PROVIDE NEW WALL SCONCE AS INDICATED. USE EXISTING CIRCUIT SERVING OTHER EXTERIOR WALL SCONCE IN THE AREA. PROVIDE NEW WIRE AND CONDUIT TO FEED NEW WALL SCONCE. PROVIDE 2#12+1#12G IN 3/4" C. MAINTAIN CONTINUITY ON ALL REMAINING WALL SCONCES ON THE SAME CIRCUIT AND SAVE OFF AT EXISTING JUNCTION BOXES. PROVIDE NEW EXTERIOR PHOTOCELL SENSOR (NORTH FACING) TO CONTROL EXISTING AND NEW WALL SCONCES. INTEGRAL EMERGENCY BATTERY PACKS SHALL BE CIRCUITED AHEAD OF PHOTOCELL SWITCH OF THE SAME CIRCUIT.

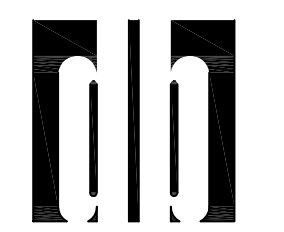
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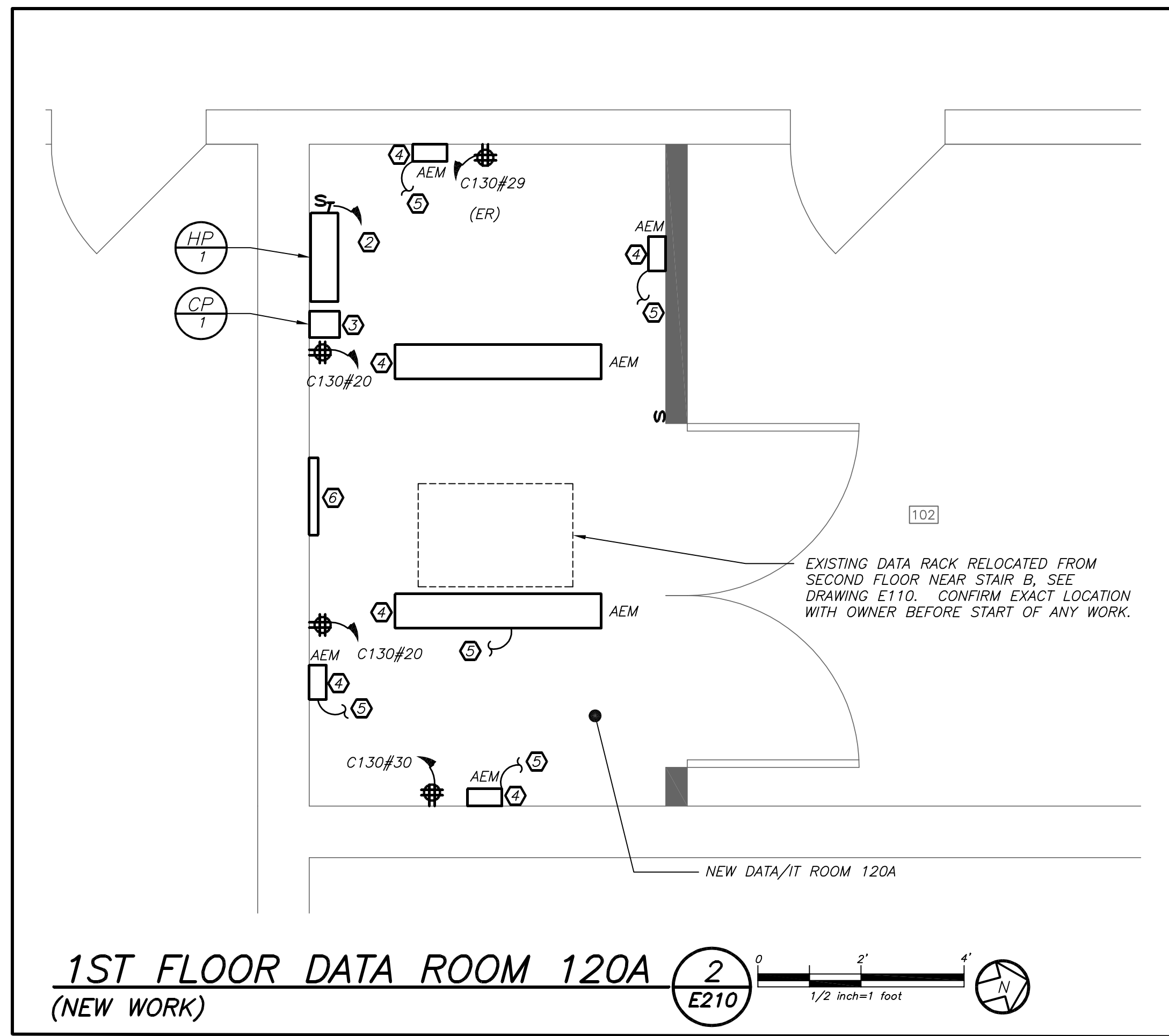
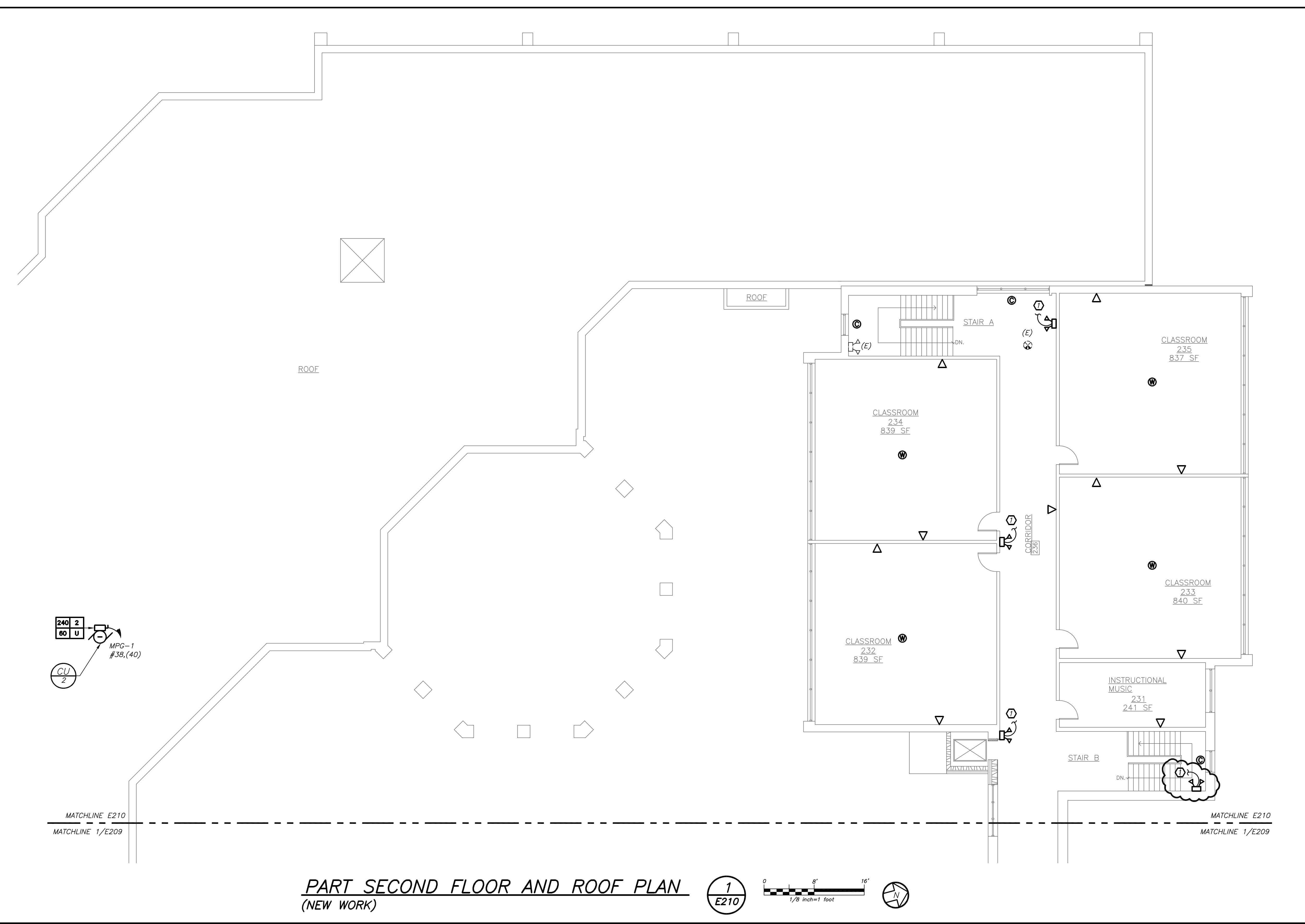
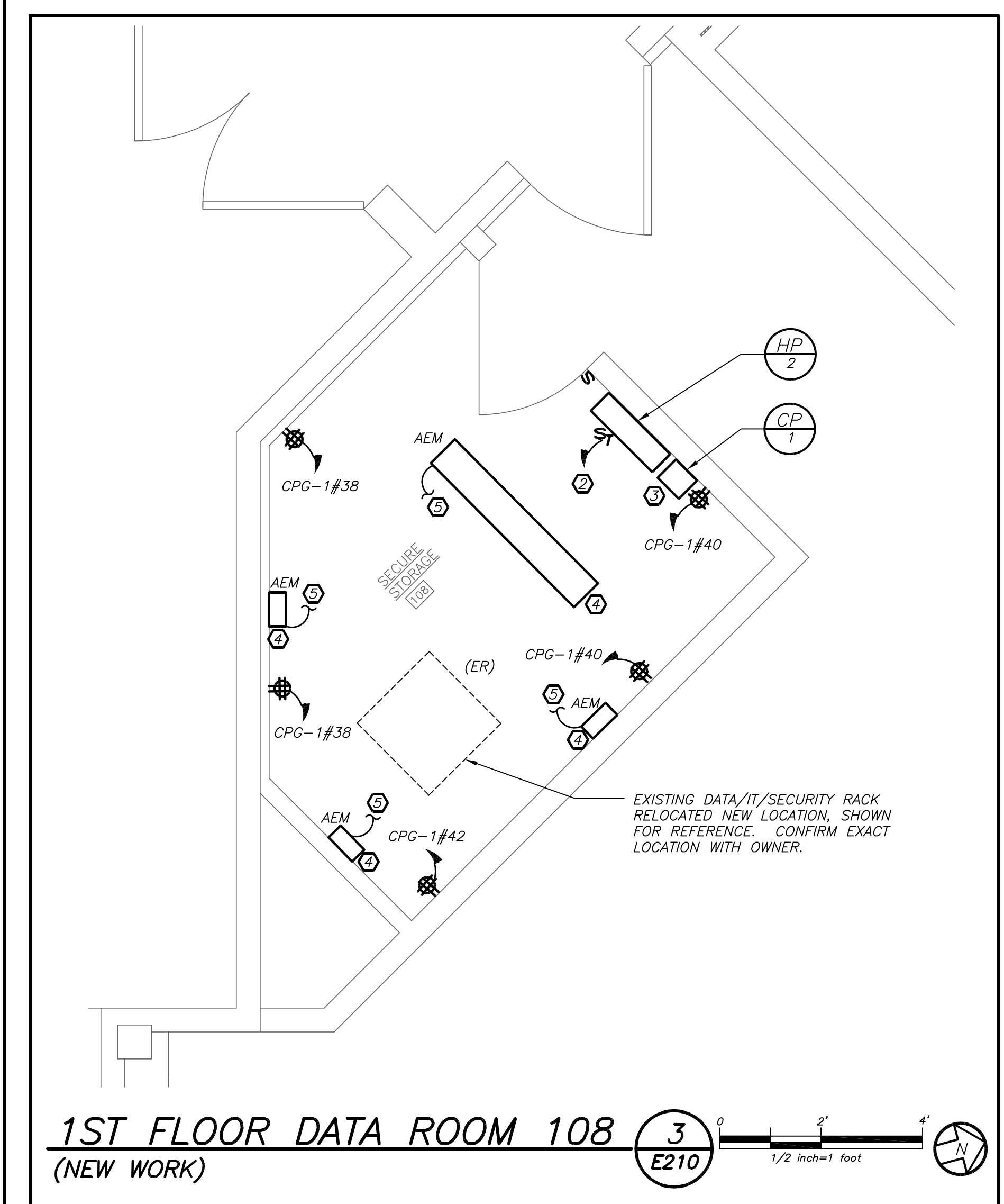
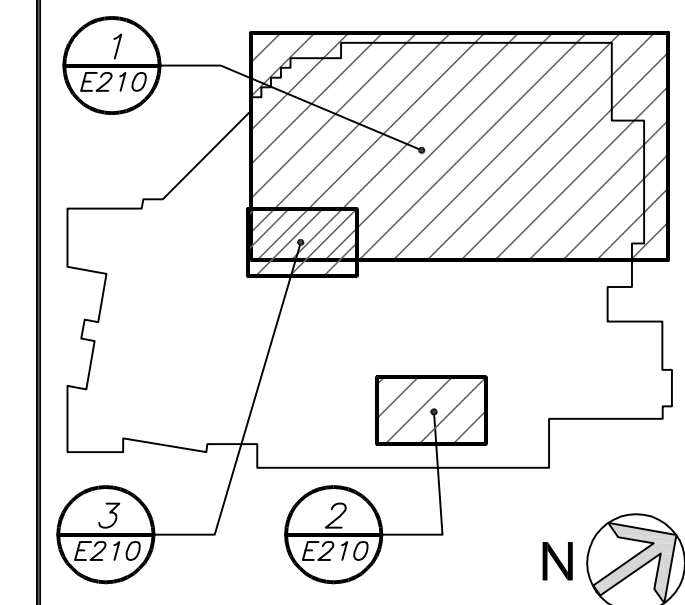
CONSTRUCTION DOCUMENTS

NY S.E.D. Control No.
 66-04-09-02-0-001-022
 66-04-09-02-0-002-013
 66-04-09-02-0-004-009
 66-04-09-02-0-005-004



DAMIANO BARILE ENGINEERS, P.C.
 MECHANICAL-ELECTRICAL CONSULTANTS
 77 TABBYTOWN ROAD, WHITE PLAINS NY 10607
 PHONE: 914.328.6000 FAX: 914.328.9304

KEY PLAN



GENERAL NOTES:

- DATA OUTLETS AND WIRELESS ACCESS POINTS ARE SHOWN FOR REFERENCE ONLY. REFER TO TELECOMMUNICATION DRAWINGS E301 AND E302 FOR TELECOMMUNICATION SCOPE OF WORK.
- CAMERAS AND CARD SWIPES ARE SHOWN FOR REFERENCE ONLY. REFER TO SECURITY DRAWING E401, E402, AND E403 FOR SECURITY SCOPE OF WORK.

WORK NOTES:

- PROVIDE NEW EMERGENCY LIGHTS AND EXIT LIGHTS AS INDICATED. NEW EMERGENCY LIGHTS AND EXIT LIGHTS SHALL BE TIED TO EXISTING LIGHTING CIRCUIT IN THE AREA AHEAD OF ANY SWITCHING.
- HP-1 AND HP-2 ARE TO BE FED FROM ROOF UNIT CU-1 AND CU-2 RESPECTIVELY. CONTRACTOR TO PROVIDE 2#12+1#12G IN 3/4" FROM CU-1 AND CU-2 TO HP-1 AND HP-2 RESPECTIVELY. REFER TO 1/E209 AND 1/E210 FOR CIRCUIT FEEDING CU-1 AND CU-2.
- CP-1 AND CP-2 IS A PLUG IN UNIT AND SHALL BE PLUG INTO NEW QUAD RECEPTACLE ON THE WALL FOR POWER FEED.
- PROVIDE 10" X 48" LED SURFACE WRAP AROUND FIXTURE, SIMILAR TO COLUMBIA LIGHTING #LWC-435-ML-E-U-ELL14-SS18. FIXTURE TYPE "AEM" SHALL BE EITHER SUSPENDED STEM MOUNT OR WALL VERTICAL/HORIZONTAL MOUNT. LIGHTING LAYOUT SHOWN FOR REFERENCE ONLY. EXACT MOUNTING LOCATION TO BE COORDINATED WITH IT RACK LOCATION TO AVOID CONFLICT. CONFIRM RACK LOCATION WITH OWNER BEFORE MOUNTING LIGHT FIXTURES.
- CIRCUIT NEW LED FIXTURE TO THE NEAREST LIGHTING CIRCUIT IN THIS AREA. INTEGRAL EMERGENCY BATTERY BALLAST SHALL BE CIRCUITED AHEAD OF ANY SWITCHING.
- PROVIDE NEW GROUND BAR IN NEW DATA ROOM. PROVIDE GROUNDING TO THE EXISTING SERVER RACK. REFER TO GROUNDING DETAILS ON DRAWING E601.

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2	05-25-16	DESIGN DEVELOPMENT
1	04-05-16	SCHEMATIC DESIGN
No.	Date	Issue

Job No.	2015-1083	Sheet No.	E210
Date	02-12-16	Scale	
AS NOTED		Drawn/Checked	
		DBE/DBE	



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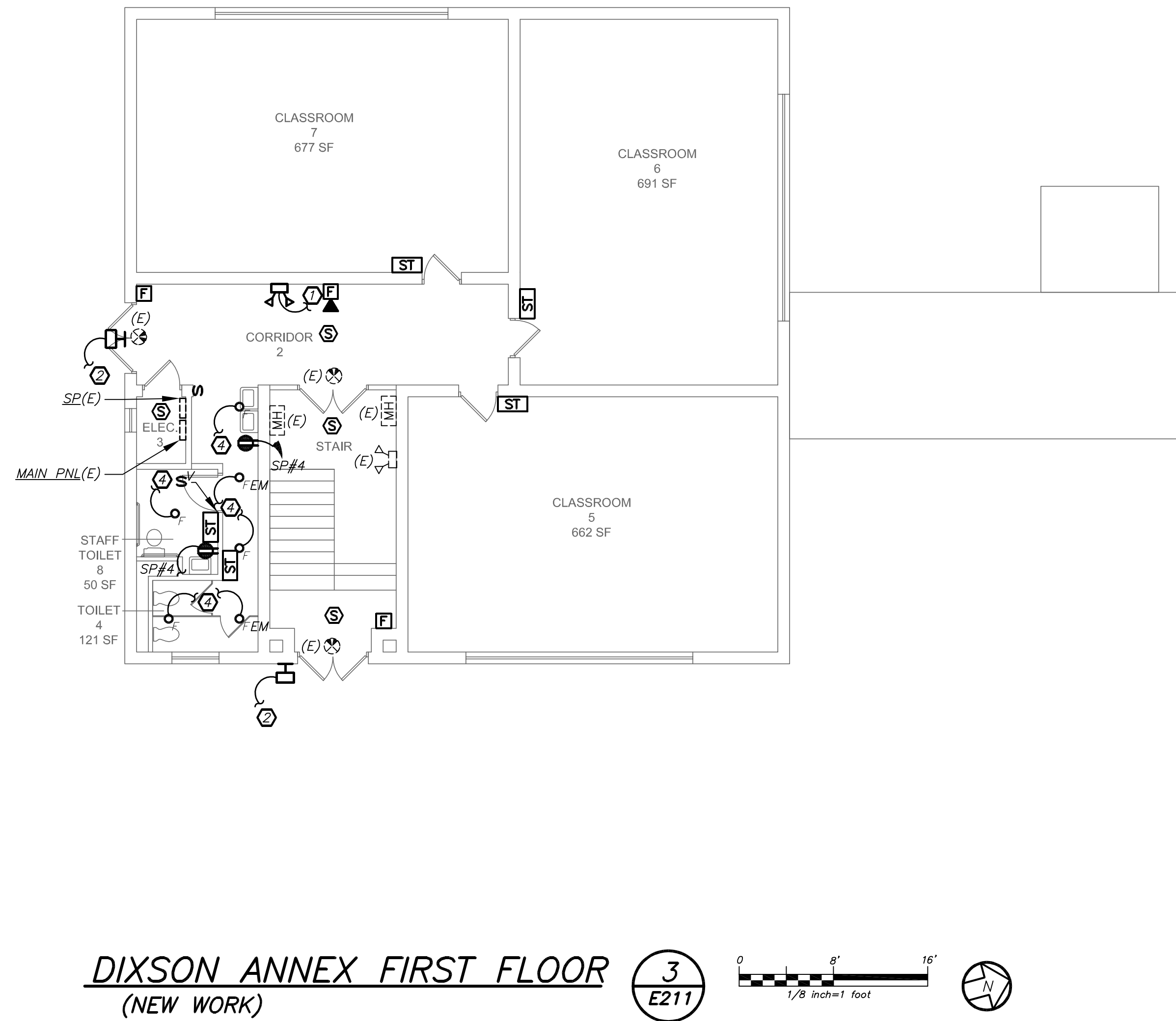
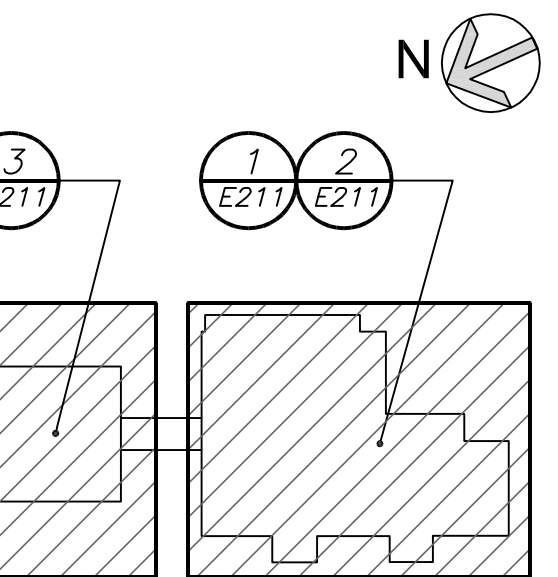
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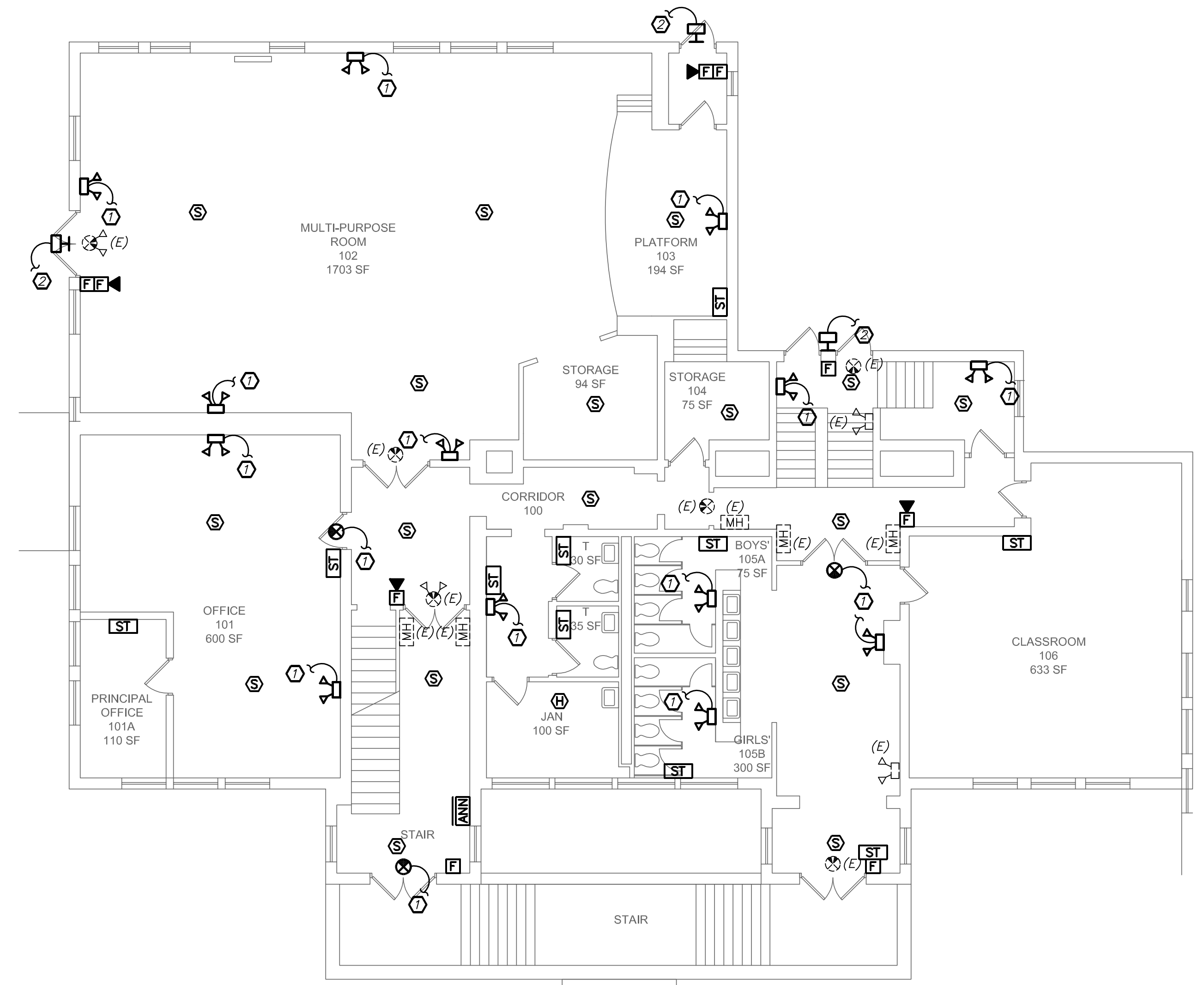


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KEY PLAN

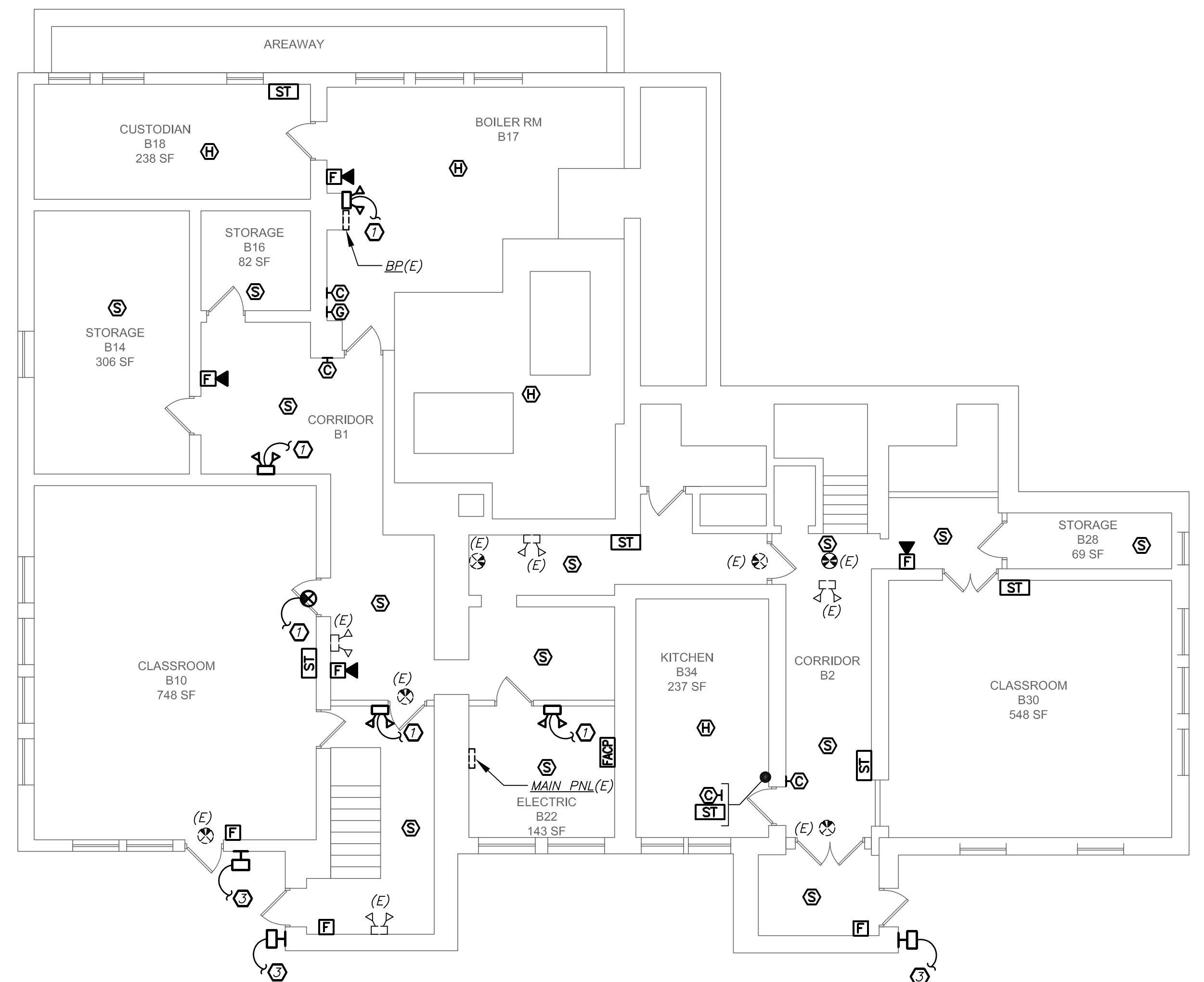


DIXSON ANNEX FIRST FLOOR (NEW WORK) 3 E211



DIXSON MAIN FIRST FLOOR (NEW WORK) 1 E211

- GENERAL NOTES:**
- EXISTING FIRE ALARM SYSTEM SHALL BE REMOVED AFTER NEW FIRE ALARM SYSTEM IS INSTALLED AND 100% OPERATIONAL.
 - REFER TO DRAWING E501 FOR FIRE ALARM RISER DIAGRAM.
 - PROVIDE 2#12+1#12G IN 3/4" C FOR ALL BRANCH CIRCUITS INDICATED.
- WORK NOTES:**
- PROVIDE NEW EMERGENCY LIGHTS AND EXIT LIGHTS AS INDICATED. NEW EMERGENCY LIGHTS AND EXIT LIGHTS SHALL BE TIED TO EXISTING LIGHTING CIRCUIT IN THE AREA AHEAD OF ANY SWITCHING.
 - REPLACE EXISTING WALL SCONCE WITH NEW. RE-USE EXISTING CIRCUIT SERVING WALL SCONCES. PROVIDE NEW WIRE AND CONDUIT TO FEED NEW WALL SCONCE. PROVIDE 2#12+1#12G IN 3/4" C. MAINTAIN CONTINUITY ON ALL REMAINING WALL SCONCES ON THE SAME CIRCUIT AND SAVE OFF AT EXISTING JUNCTION BOXES. PROVIDE NEW EXTERIOR PHOTOCELL SENSOR (NORTH FACING) TO CONTROL EXISTING AND NEW WALL SCONCES. INTEGRAL EMERGENCY BATTERY PACKS SHALL BE CIRCUITED AHEAD OF PHOTOCELL SWITCH OF THE SAME CIRCUIT.
 - PROVIDE NEW WALL SCONCE AS INDICATED. USE EXISTING CIRCUIT SERVING OTHER EXTERIOR WALL SCONCE IN THE AREA. PROVIDE NEW WIRE AND CONDUIT TO FEED NEW WALL SCONCE. PROVIDE 2#12+1#12G IN 3/4" C. MAINTAIN CONTINUITY ON ALL REMAINING WALL SCONCES ON THE SAME CIRCUIT AND SAVE OFF AT EXISTING JUNCTION BOXES. PROVIDE NEW EXTERIOR PHOTOCELL SENSOR (NORTH FACING) TO CONTROL EXISTING AND NEW WALL SCONCES. INTEGRAL EMERGENCY BATTERY PACKS SHALL BE CIRCUITED AHEAD OF PHOTOCELL SWITCH OF THE SAME CIRCUIT.
 - PROVIDE NEW RECESSED LIGHTING AS INDICATED. LIGHTING FIXTURE TYPE F IS KURT VERSEN #6232-20-35-12-D AND FEM IS #6232-20-35-12-D-EM. CONTRACTOR TO USE EXISTING LIGHTING CIRCUIT IN THIS AREA FOR NEW LIGHTING FIXTURES F AND FEM. INTEGRAL BATTERY PACKS SHALL BE CIRCUITED AHEAD OF ANY SWITCH. PROVIDE 2#12+1#12G IN 3/4" C.



DIXSON BASEMENT FLOOR PLAN (NEW WORK) 2 E211

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

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WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE OFFICE. CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IN WRITING OF ANY VARIATIONS FROM DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THE OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

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3	11-18-16	CONSTRUCTION DOCUMENTS
2	05-25-16	DESIGN DEVELOPMENT
1	04-05-16	SCHEMATIC DESIGN
No.	Date	Issue

DIXSON PS BASEMENT AND FIRST FLOOR PLANS

Job No.	2015-1083	Sheet No.	E211
Date	02-12-16	AS NOTED	
Scale	AS NOTED	Drawn/Checked	DBE/DBE



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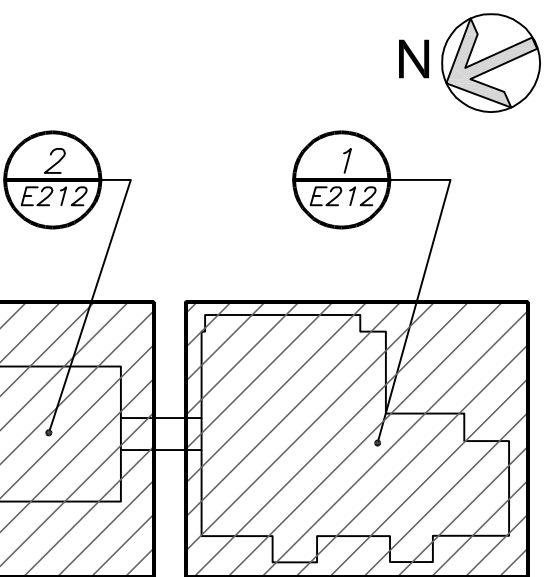
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NY S.E.D. Control No.
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KEY PLAN



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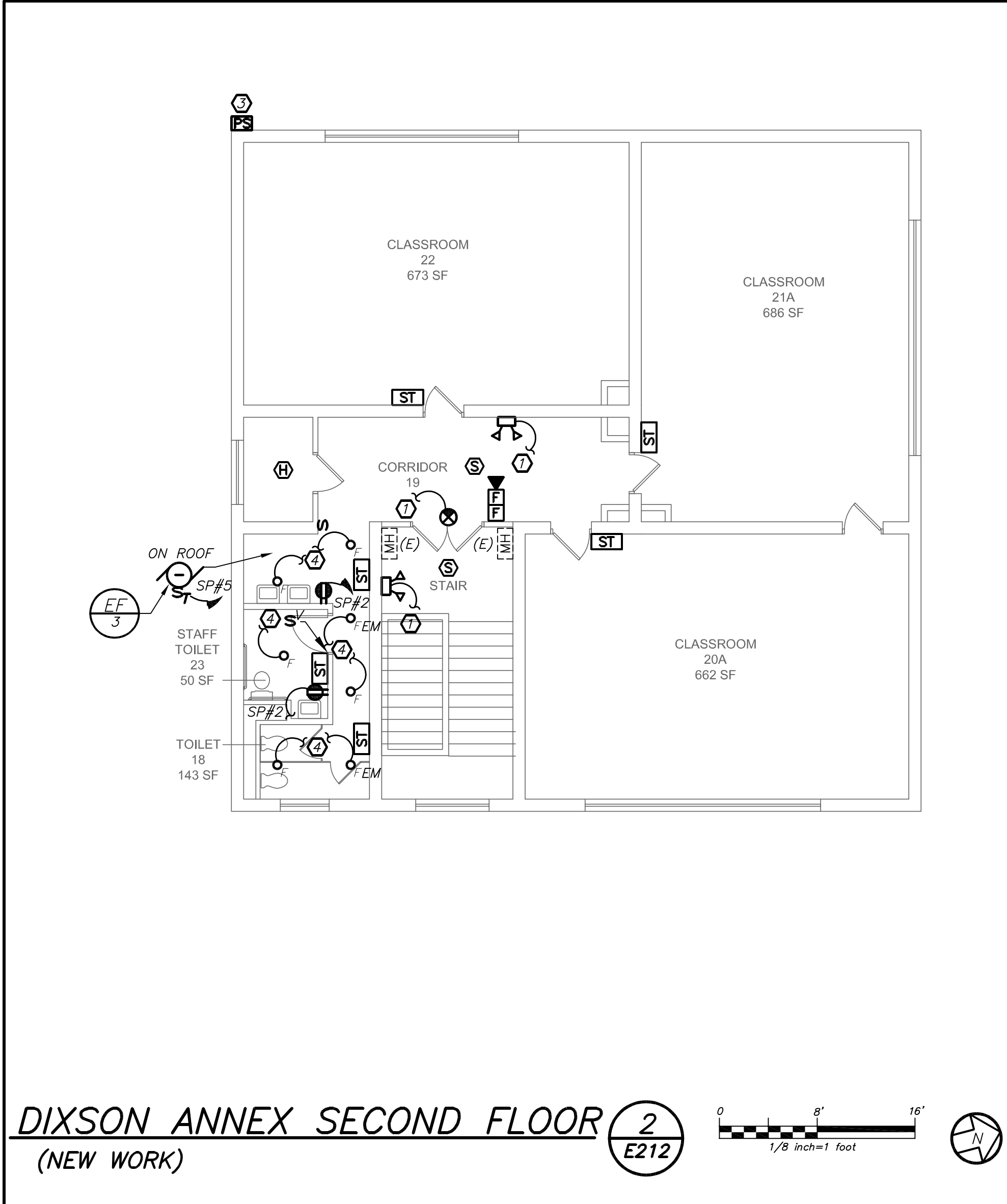
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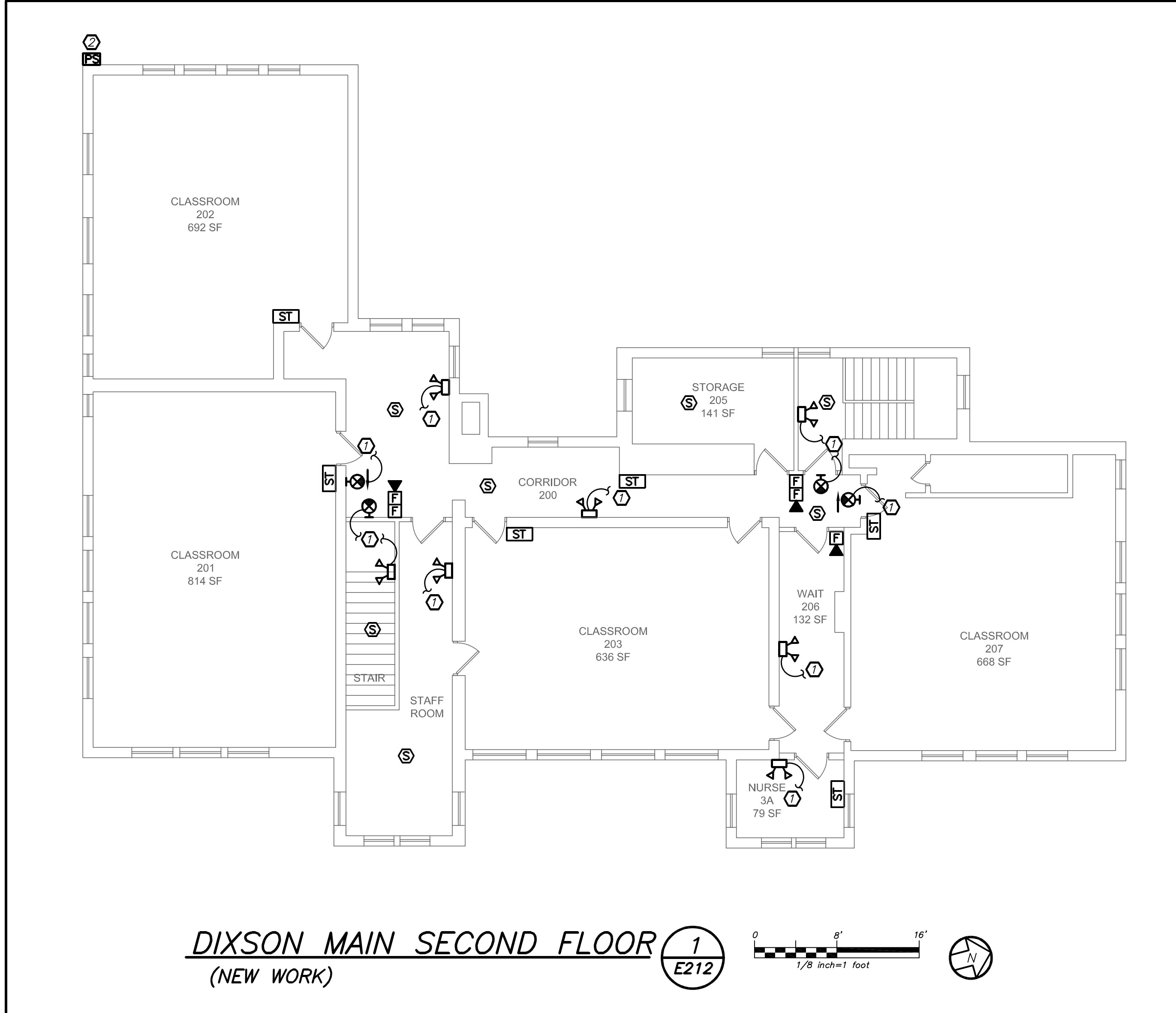
No. Date Issue

Sheet Title
**DIXSON PS
 SECOND FLOOR
 PLANS**

Job No. 2015-1083
 Sheet No. E212
 Date 02-12-16
 Scale AS NOTED
 Drawn/Checked DBE/DBE



DIXSON ANNEX SECOND FLOOR (2) (NEW WORK)
 E212
 1/8" inch=1' foot



DIXSON MAIN SECOND FLOOR (1) (NEW WORK)
 E212
 1/8" inch=1' foot

GENERAL NOTES:

- EXISTING FIRE ALARM SYSTEM SHALL BE REMOVED AFTER NEW FIRE ALARM SYSTEM IS INSTALLED AND 100% OPERATIONAL.
- REFER TO DRAWING ES01 FOR FIRE ALARM RISER DIAGRAM.

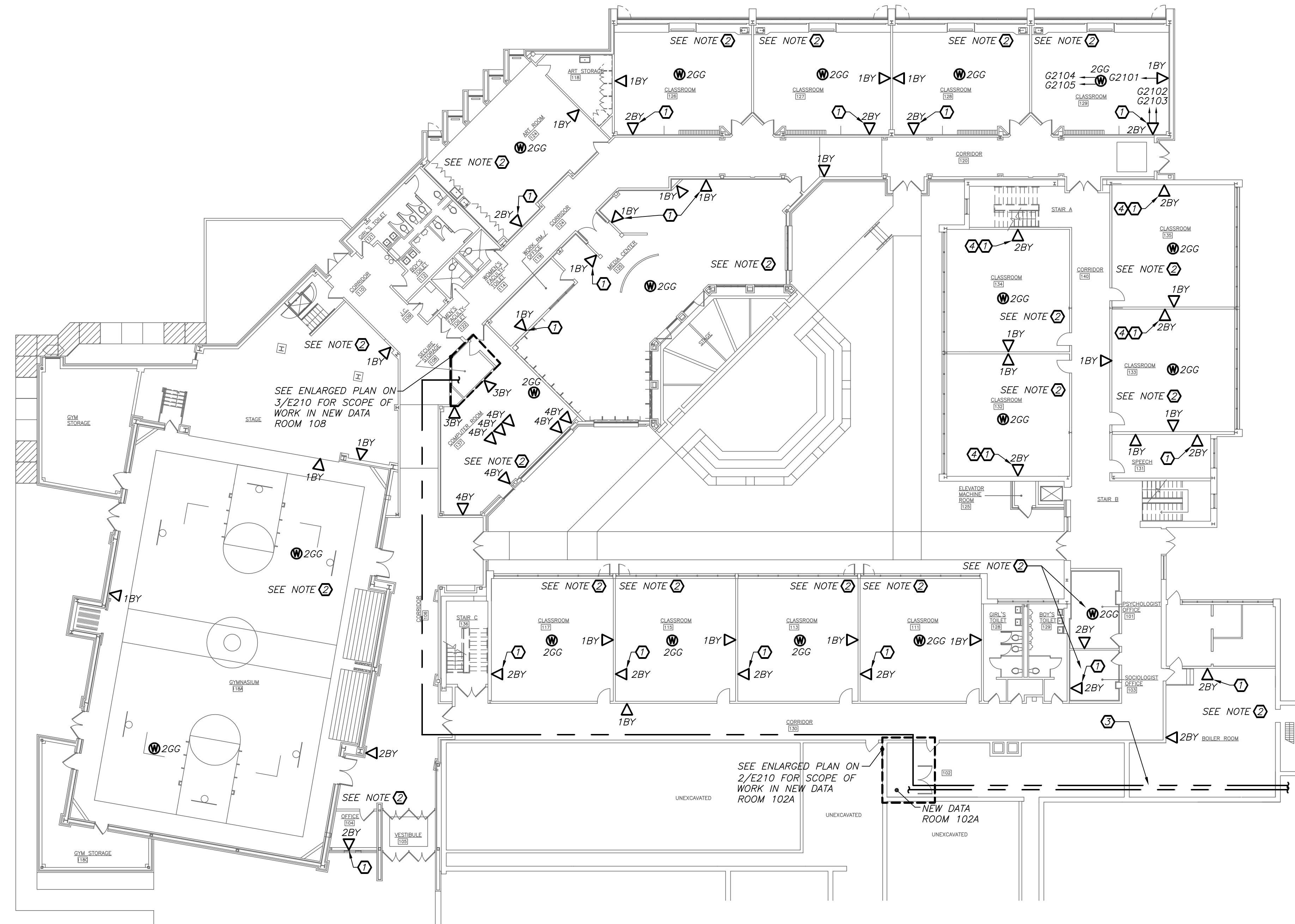
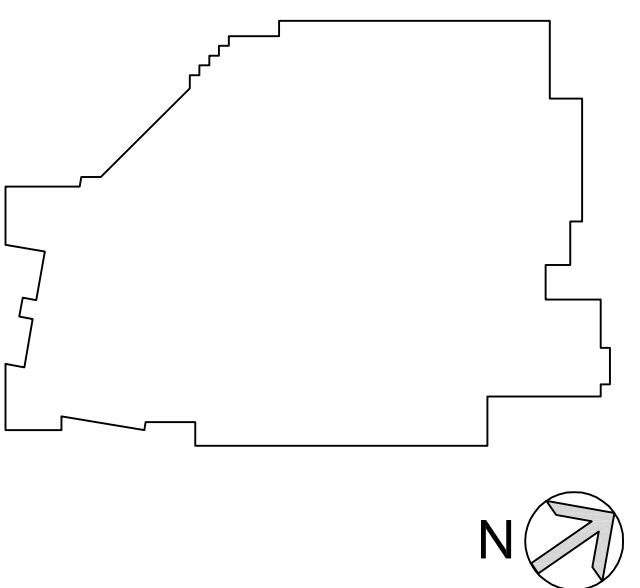
WORK NOTES:

- PROVIDE NEW EMERGENCY LIGHTS AND EXIT LIGHTS AS INDICATED. NEW EMERGENCY LIGHTS AND EXIT LIGHTS SHALL BE TIED TO EXISTING LIGHTING CIRCUIT IN THE AREA AHEAD OF ANY SWITCHING.
- REPLACE EXISTING WALL SCONCE WITH NEW. RE-USE EXISTING CIRCUIT SERVING WALL SCONCES. PROVIDE NEW WIRE AND CONDUIT TO FEED NEW WALL SCONCE. PROVIDE 2#12+1#12G IN 3/4" C. MAINTAIN CONTINUITY ON ALL REMAINING WALL SCONCES ON THE SAME CIRCUIT AND SAVE OFF AT EXISTING JUNCTION BOXES. PROVIDE NEW EXTERIOR PHOTOCELL SENSOR (NORTH FACING) TO CONTROL EXISTING AND NEW WALL SCONCES. INTEGRAL EMERGENCY BATTERY PACKS SHALL BE CIRCUITED AHEAD OF PHOTOCELL SWITCH OF THE SAME CIRCUIT.
- PROVIDE NEW WALL SCONCE AS INDICATED. USE EXISTING CIRCUIT SERVING OTHER EXTERIOR WALL SCONCE IN THE AREA. PROVIDE NEW WIRE AND CONDUIT TO FEED NEW WALL SCONCE. PROVIDE 2#12+1#12G IN 3/4" C. MAINTAIN CONTINUITY ON ALL REMAINING WALL SCONCES ON THE SAME CIRCUIT AND SAVE OFF AT EXISTING JUNCTION BOXES. PROVIDE NEW EXTERIOR PHOTOCELL SENSOR (NORTH FACING) TO CONTROL EXISTING AND NEW WALL SCONCES. INTEGRAL EMERGENCY BATTERY PACKS SHALL BE CIRCUITED AHEAD OF PHOTOCELL SWITCH OF THE SAME CIRCUIT.
- PROVIDE NEW RECESSED LIGHTING AS INDICATED. LIGHTING FIXTURE TYPE F IS KURT VERNER #A6232-20-35-12-D AND FEM IS #E232-20-35-12-D-EM. CONTRACTOR TO USE EXISTING LIGHTING CIRCUIT IN THIS AREA FOR NEW LIGHTING FIXTURES F AND FEM. INTEGRAL BATTERY PACKS SHALL BE CIRCUITED AHEAD OF ANY SWITCH. PROVIDE 2#12+1#12G IN 3/4" C.

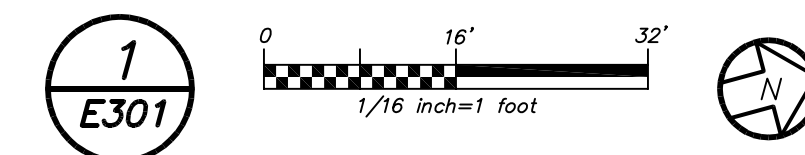
BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS



KEY PLAN



FIRST FLOOR TELECOMMUNICATION PLAN
(NEW WORK)



GENERAL NOTES:

- ALL NEW DATA PORT SHALL BE RECESSED/FLUSH MOUNTED ON EXISTING SHEETROCK WALLS. PROVIDE SURFACE MOUNTED RACEWAY (PANDUIT) ONLY WHEN NECESSARY.
- COORDINATE WITH IT DIRECTOR AND MARK-OUT EXACT LOCATION OF EACH DATA PORT BEFORE START OF ANY WORK.

WORK NOTES:

- CONTRACTOR TO RE-USE EXISTING BACKBOX AND PATHWAY RECESSED IN WALL. PROVIDE NEW WIRE AND NEW CONNECTOR + FACE COVER PLATE AS INDICATED.
- FOR REFERENCE ONLY, TYPICAL DATA WIRING REQUIREMENT FOR EACH CLASSROOM/SPACE SHALL MATCH CLASS ROOM 129. THE DATA WIRING DESIGNATION C2101 REPRESENTS THE FOLLOWING: 'G' REFERS TO GRADY ELEMENTARY SCHOOL; '2' REFERS TO NEW DATA CLOSET/RACK 2; '1' IS THE PATCH PANEL/SWITCH AND '01' REFER TO THE PORT WHERE WIRE CONNECTS FROM CLASSROOM TO PATCH PANEL. THE MAXIMUM QUANTITY OF PORTS ON A PATCH PANEL SHALL BE 48. PROVIDE TAG/LABEL DESIGNATION AT PATCH PANEL, AT BOTH ENDS OF CAT 7 CABLE AND COVER PLATE. REFER TO SPECIFICATION SECTION 26 08 50 FOR ADDITIONAL INFORMATION.
- PROPOSED FIBER CABLE RUN FOR REFERENCE ONLY. CONTRACTOR TO PULL TWO NEW FIBER CABLES FROM HAMILTON HIGH SCHOOL TO GRADY ELEMENTARY SCHOOL VIA NEW UNDERGROUND TRENCH BETWEEN THE TWO SCHOOLS. FIBER CABLE IS TO TERMINATE INTO EXISTING FIBER BOX IN (2) NEW DATA/SERVER ROOMS AS INDICATED. CONTRACTOR TO PROVIDE CORE DRILL/PENETRATION AS REQUIRED FOR FIBER CABLE ROUTING. REFER TO SPECIFICATION 26 08 50 FOR ADDITIONAL INFORMATION.
- NEW DATA DROP SHOULD BE APPROXIMATELY 6" FROM BUILT-IN CLOSET.

DATA WIRING LEGEND:

- 2BY '2' INDICATES NUMBER OF DATA WIRES; 'B' INDICATES BLUE COLOR WIRE; AND 'Y' INDICATES YELLOW COLOR CONNECTOR. CONTRACTOR TO PULL (2) BLUE COLOR CAT 7 WIRE FROM SERVER CLOSET TO LOCATION SHOWN, TERMINATES INTO YELLOW RJ45 FEMALE CONNECTOR ON WALL WITH COVER PLATE AND BLANKS.
- 2GG '2' INDICATES NUMBER OF DATA WIRES; 'G' INDICATES GREEN COLOR WIRE; AND 'G' INDICATES GREEN COLOR CABLE HEAD. CONTRACTOR TO PULL (2) GREEN COLOR CAT 7 WIRE FROM SERVER CLOSET TO LOCATION SHOWN; PROVIDE GREEN MALE CABLE HEAD.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

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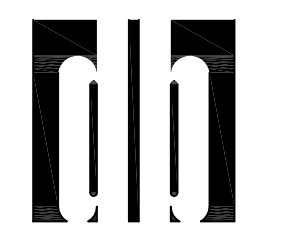
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No.	Date	Issue
Sheet Title		
GRADY ES FIRST FLOOR TELECOM PLAN		
Job No.	Sheet No.	
2015-1083		
Date		
02-12-16		
Scale		
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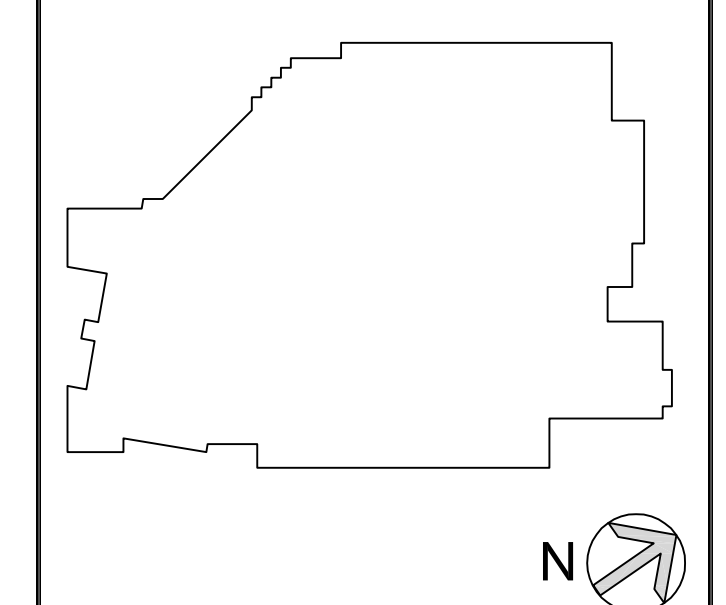
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KEY PLAN

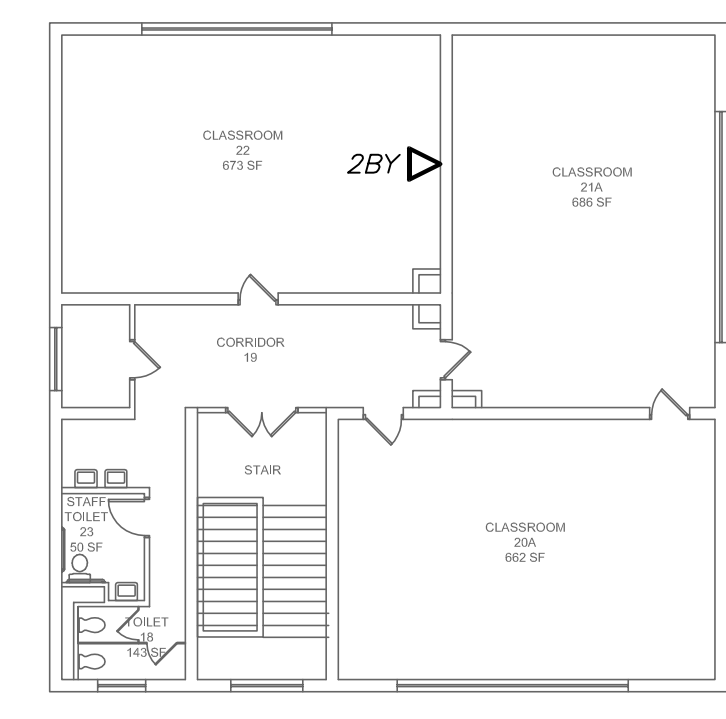


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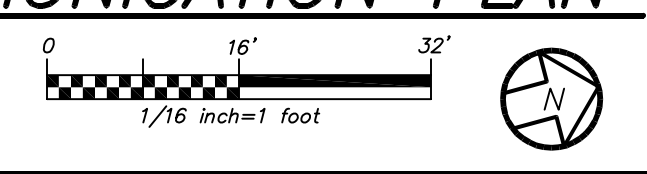
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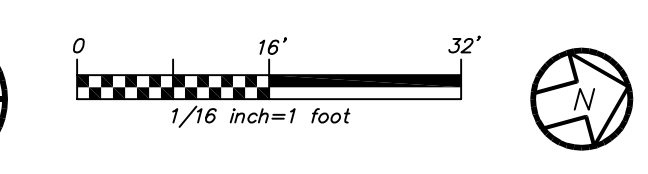
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DIXSON PRIMARY SCHOOL – ANNEX 2
SECOND FLOOR TELECOMMUNICATION PLAN (NEW WORK)
E302



SECOND FLOOR TELECOMMUNICATION PLAN
(NEW WORK)
E302



GENERAL NOTES:

1. ALL NEW DATA PORT SHALL BE RECESSED/FLUSH MOUNTED ON EXISTING SHEETROCK WALLS. PROVIDE SURFACE MOUNTED RACEWAY (PANDUIT) ONLY WHEN NECESSARY.
2. COORDINATE WITH IT DIRECTOR AND MARK-OUT EXACT LOCATION OF EACH DATA PORT BEFORE START OF ANY WORK.

WORK NOTES:

- 1 CONTRACTOR TO RE-USE EXISTING BACKBOX AND PATHWAY RECESSED IN WALL. PROVIDE NEW WIRE AND NEW CONNECTOR + FACE COVER PLATE AS INDICATED.
- 2 FOR REFERENCE, TYPICAL DATA WIRING REQUIREMENT FOR EACH CLASSROOM/SPACE SHALL MATCH CLASS ROOM 235. THE DATA WIRING DESIGNATION G1101 REPRESENTS THE FOLLOWING: "G" REFERS TO GRADY ELEMENTARY SCHOOL; "1" REFERS TO NEW DATA CLOSET/RACK 1; "1" IS THE PATCH PANEL/SWITCH AND "01" REFER TO THE PORT WHERE WIRE CONNECTS FROM CLASSROOM TO PATCH PANEL. THE MAXIMUM QUANTITY OF PORTS ON A PATCH PANEL SHALL BE 48. PROVIDE TAG/LABEL DESIGNATION AT PATCH PANEL, AT BOTH ENDS OF CAT 7 CABLE AND COVER PLATE. REFER TO SPECIFICATION SECTION 26 08 50 FOR ADDITIONAL INFORMATION.
- 3 NOT USED.
- 4 NEW DATA DROP SHOULD BE APPROXIMATELY 6" FROM BUILT-IN CLOSET.

DATA WIRING LEGEND:

2BY "2" INDICATES NUMBER OF DATA WIRES; "B" INDICATES BLUE COLOR WIRE; AND "Y" INDICATES YELLOW COLOR CONNECTOR. CONTRACTOR TO PULL (2) BLUE COLOR CAT 7 WIRE FROM SERVER CLOSET TO LOCATION SHOWN, TERMINATES INTO YELLOW RJ45 FEMALE CONNECTOR ON WALL WITH COVER PLATE AND BLANKS.

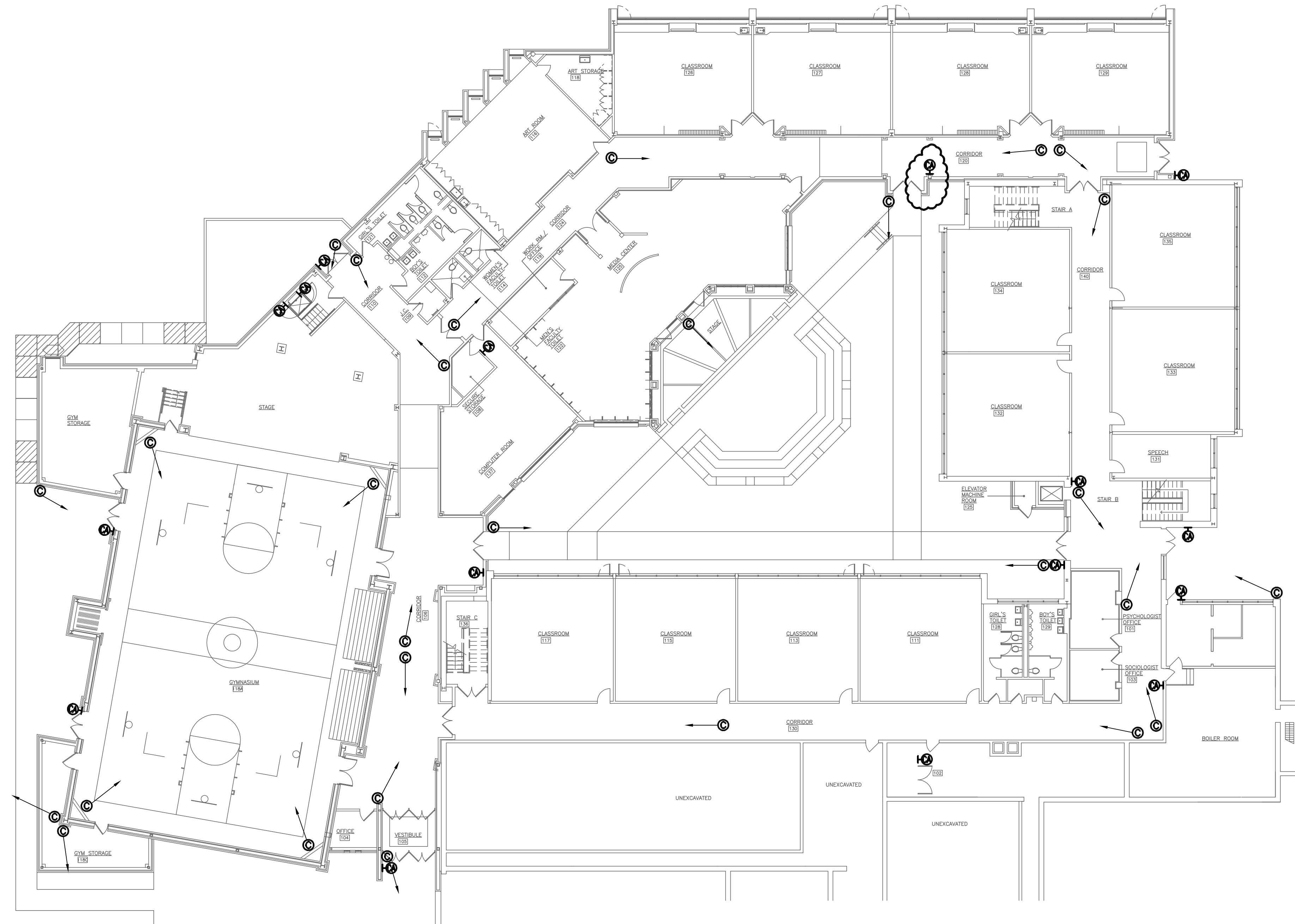
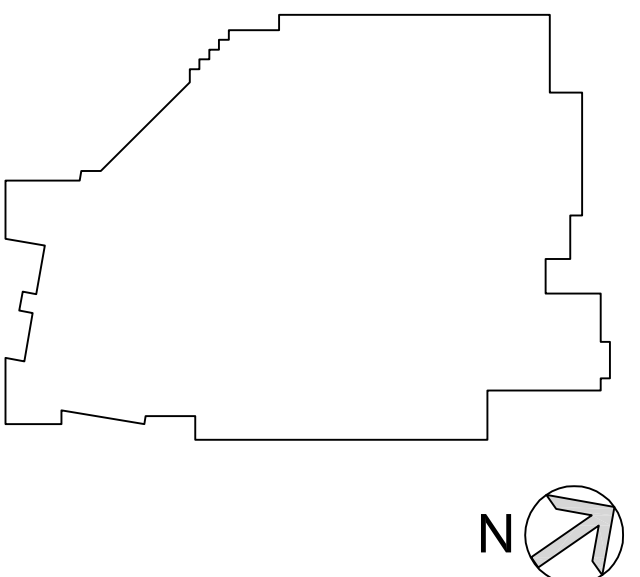
2GG "2" INDICATES NUMBER OF DATA WIRES; "G" INDICATES GREEN COLOR WIRE; AND "G" INDICATES GREEN COLOR CABLE HEAD. CONTRACTOR TO PULL (2) GREEN COLOR CAT 7 WIRE FROM SERVER CLOSET TO LOCATION SHOWN, PROVIDE GREEN MALE CABLE HEAD.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

Sheet Title		
GRADY ES & DIXSON PS SECOND FLOOR TELECOM PLANS		
Job No.	Sheet No.	
2015-1083	1083-1083	
Date	02-12-16	
Scale	AS NOTED	
Drawn/Checked	DBE/DBE	
Issue	E302	

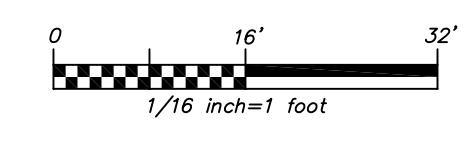


KEY PLAN



FIRST FLOOR SECURITY PLAN
(ALTERNATE)

1
E401



GENERAL NOTES:

- CONTRACTOR TO PROVIDE AND INSTALL NEW CAMERAS AND PULL POE CAT 7 WIRE FROM CLOSEST DATA RACK TO EACH CAMERA LOCATION AS SHOWN, TERMINATE INTO EXISTING PATCH PANEL WITH INDIVIDUAL ADDRESSES. EXISTING SECURITY HEAD END TO REMAIN. PROVIDE GREEN WIRE WITH GREEN MALE CONNECTOR.
- CONTRACTOR TO COORDINATE EXACT CAMERA LOCATION AND AIMING ANGLE WITH OWNER BEFORE START OF ANY WORK.
- CONTRACTOR TO PROGRAM, CONFIGURE AND TEST EACH CAMERA AND CAT 7 WIRE TO DELIVER A FULLY FUNCTIONAL SYSTEM. REFER TO SECURITY SPECIFICATION SECTION 26 08 75 FOR DETAILS.

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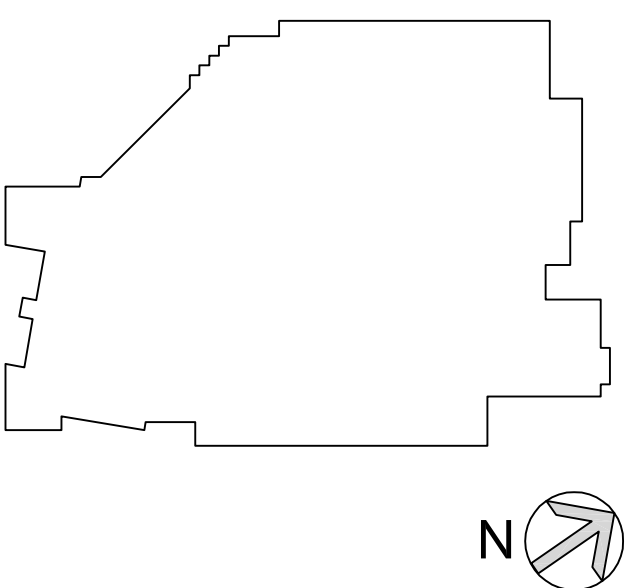
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No.	Date	Issue

**GRADY ES
FIRST FLOOR
SECURITY PLAN
(ALTERNATE)**

Job No. 2015-1083	Sheet No. E401
Date 02-12-16	
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KEY PLAN



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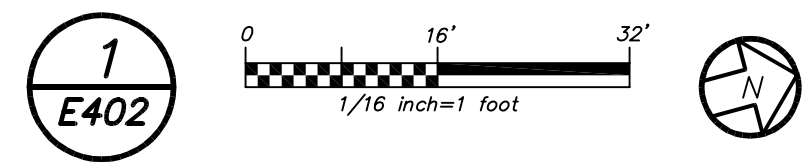
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SECOND FLOOR SECURITY PLAN
 (ALTERNATE)



GENERAL NOTES:

- CONTRACTOR TO PROVIDE AND INSTALL NEW CAMERAS AND PULL POE CAT 7 WIRE FROM CLOSEST DATA RACK TO EACH CAMERA LOCATION AS SHOWN, TERMINATE INTO EXISTING PATCH PANEL WITH INDIVIDUAL ADDRESSES. EXISTING SECURITY HEAD END TO REMAIN. PROVIDE GREEN WIRE WITH GREEN MALE CONNECTOR.
- CONTRACTOR TO COORDINATE EXACT CAMERA LOCATION AND AIMING ANGLE WITH OWNER BEFORE START OF ANY WORK.
- CONTRACTOR TO PROGRAM, CONFIGURE AND TEST EACH CAMERA AND CAT 7 WIRE TO DELIVER A FULLY FUNCTIONAL SYSTEM. REFER TO SECURITY SPECIFICATION SECTION 26 08 75 FOR DETAILS.

WORK NOTES:

- EXISTING CARD READER TO REMAIN. CONTRACTOR SHALL REMOVE EXISTING CAT 5 CABLE IN ITS ENTIRETY BACK TO SOURCE, AND PROVIDE NEW CAT 7 CABLE FROM NEAREST SERVER ROOM TO CARD READER JUNCTION BOX IN THE CEILING.

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

3	11-18-16	CONSTRUCTION DOCUMENTS
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GRADY ES SECOND FLOOR SECURITY PLAN (ALTERNATE)		
Job No. 2015-1083	Sheet No. E402	
Date 02-12-16	Scale AS NOTED	
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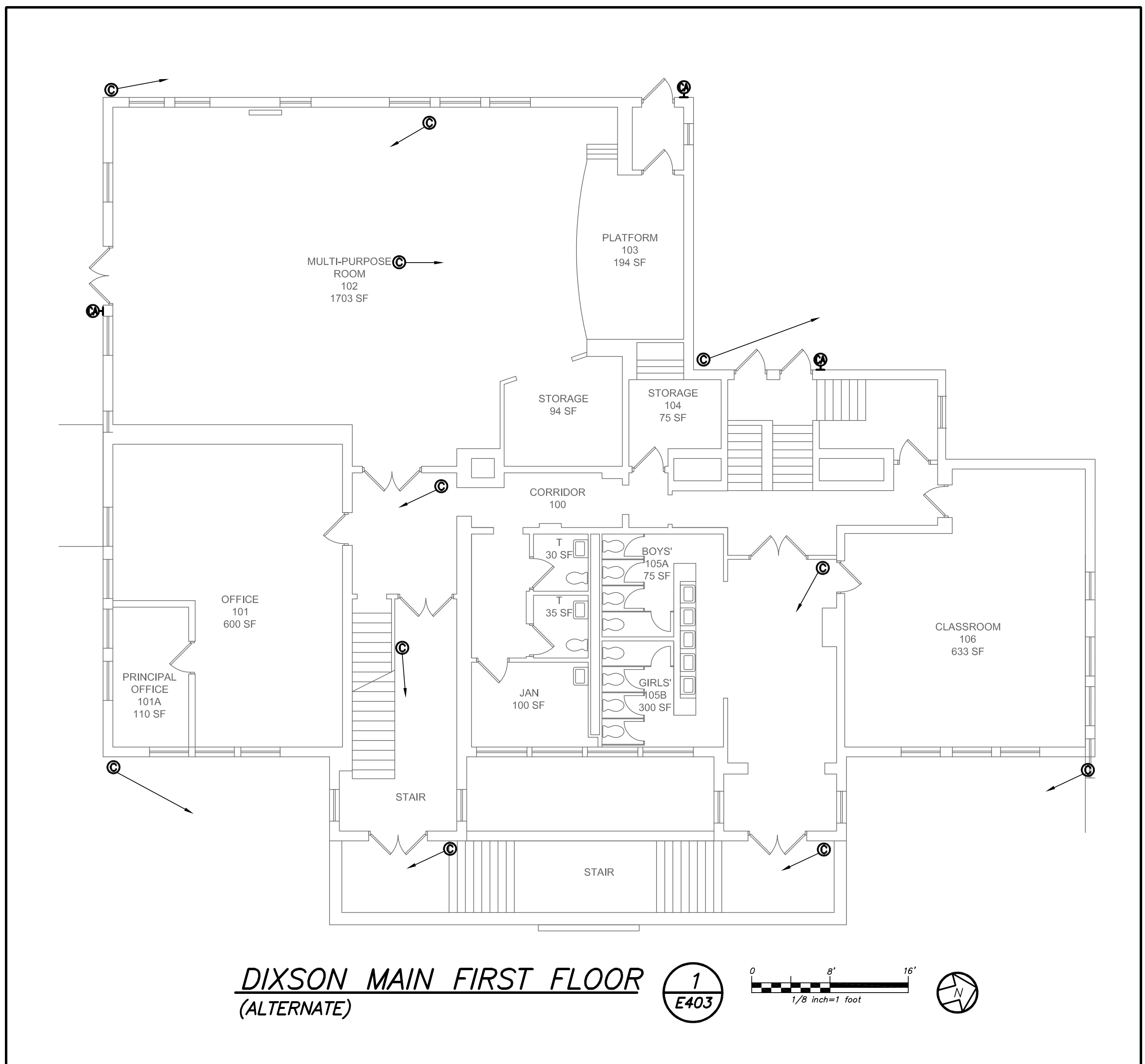
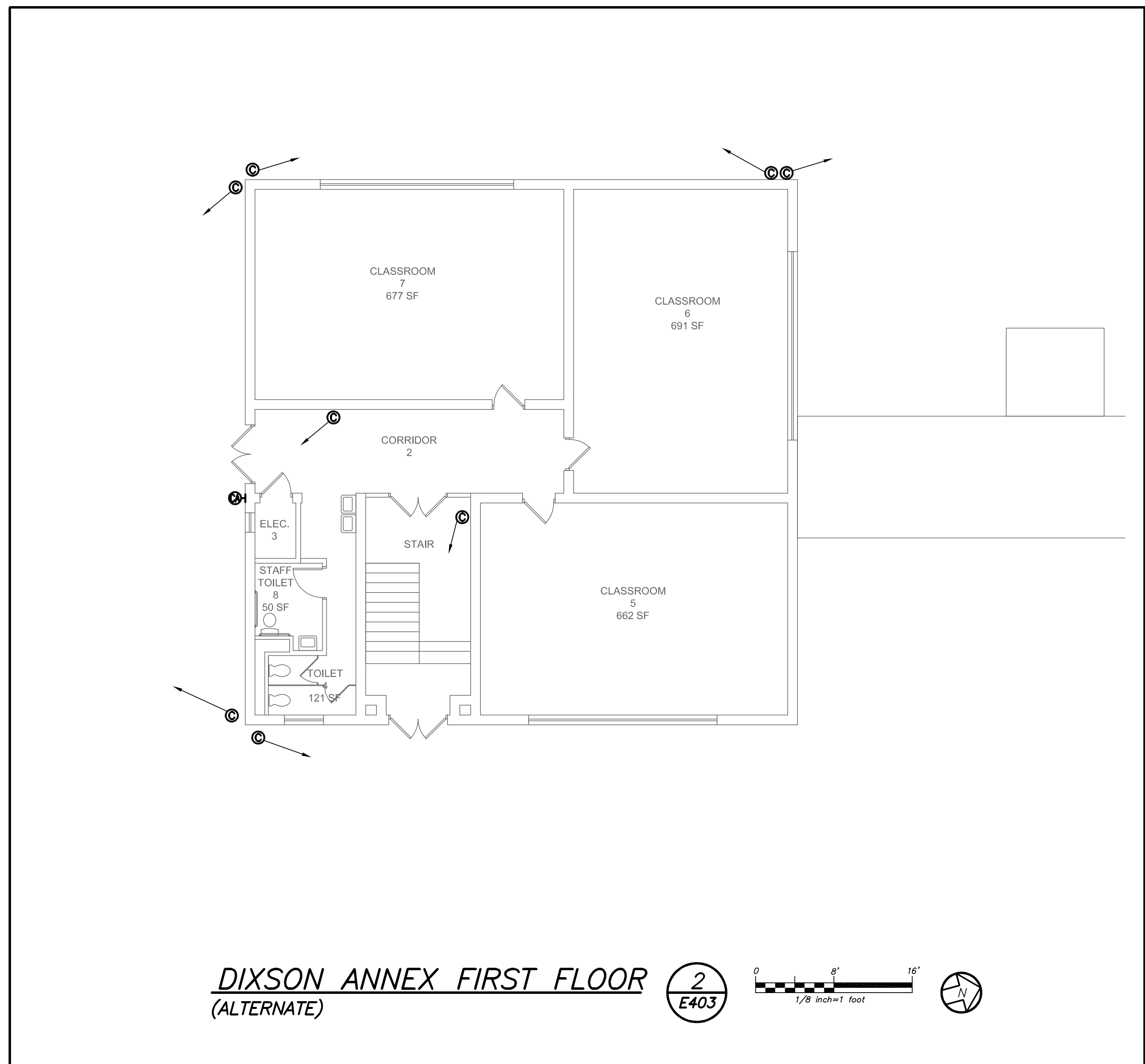
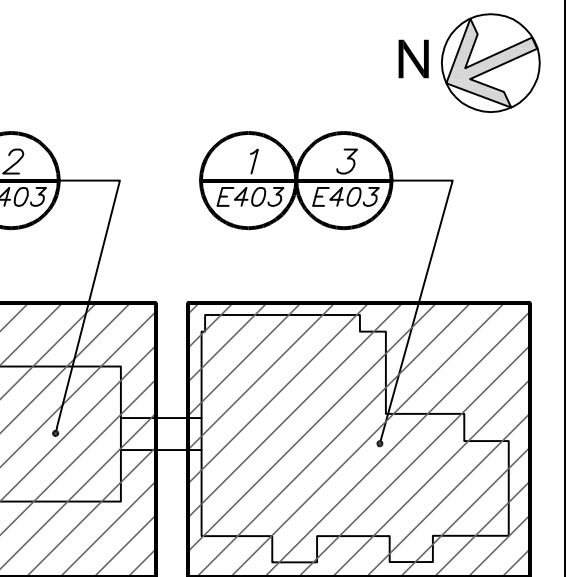
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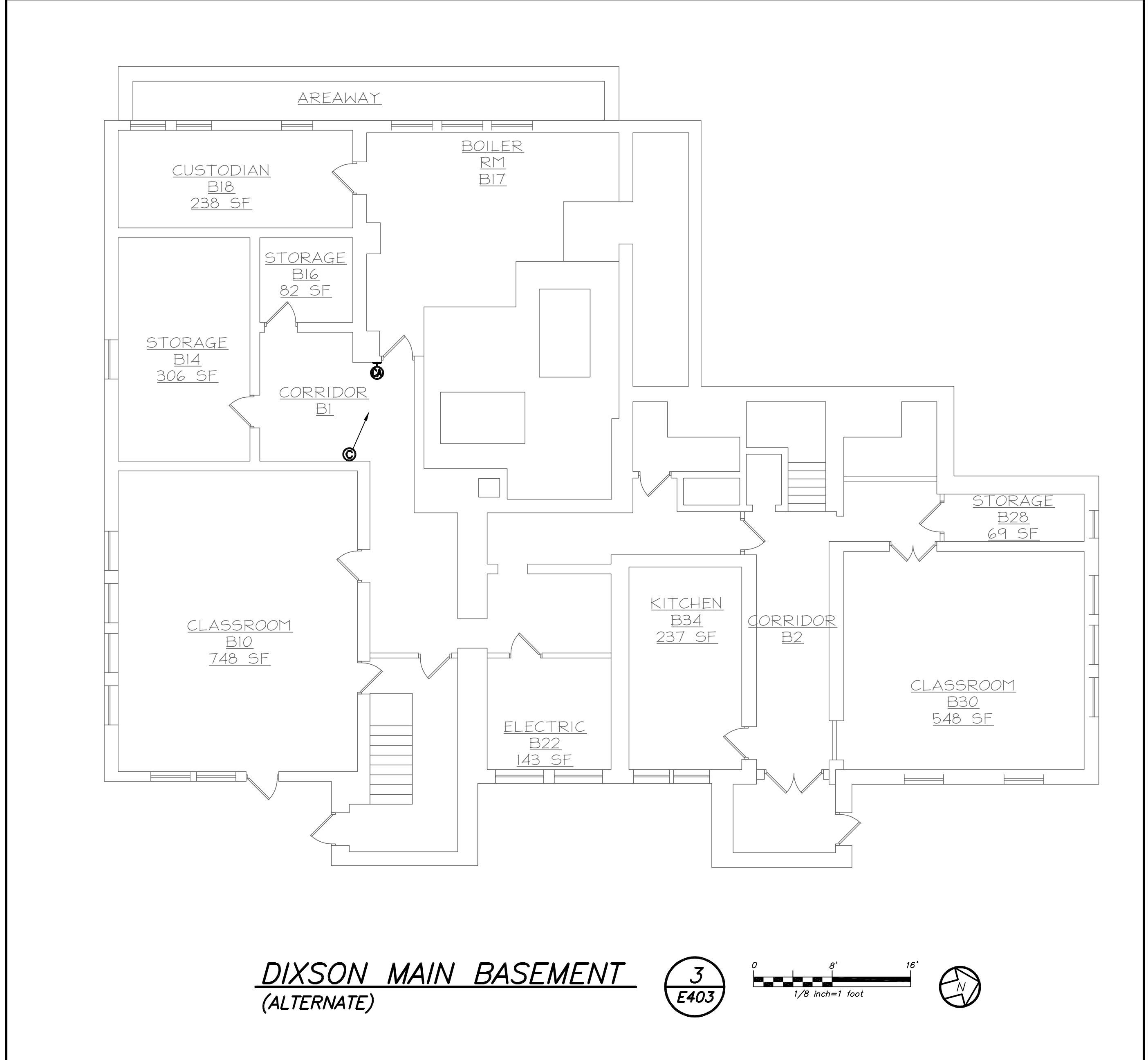
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 MECHANICAL/ELECTRICAL CONSULTANTS
 77 TABERTOWN ROAD, WHITE PLAINS NY 10607
 PHONE: 914.328.6000 FAX: 914.328.9304

KEY PLAN



GENERAL NOTES:

- CONTRACTOR TO PROVIDE AND INSTALL NEW CAMERAS AND PULL POE CAT 7 WIRE FROM CLOSEST DATA RACK TO EACH CAMERA LOCATION AS SHOWN, TERMINATE INTO EXISTING PATCH PANEL WITH INDIVIDUAL ADDRESSES. EXISTING SECURITY HEAD END TO REMAIN. PROVIDE GREEN WIRE WITH GREEN MALE CONNECTOR.
- CONTRACTOR TO COORDINATE EXACT CAMERA LOCATION AND AIMING ANGLE WITH OWNER BEFORE START OF ANY WORK.
- CONTRACTOR TO PROGRAM, CONFIGURE AND TEST EACH CAMERA AND CAT 7 WIRE TO DELIVER A FULLY FUNCTIONAL SYSTEM. REFER TO SECURITY SPECIFICATION SECTION 26 08 75 FOR DETAILS.



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3	11-18-16	CONSTRUCTION DOCUMENTS
2	05-25-16	DESIGN DEVELOPMENT
1	04-05-16	SCHEMATIC DESIGN
No.	Date	Issue

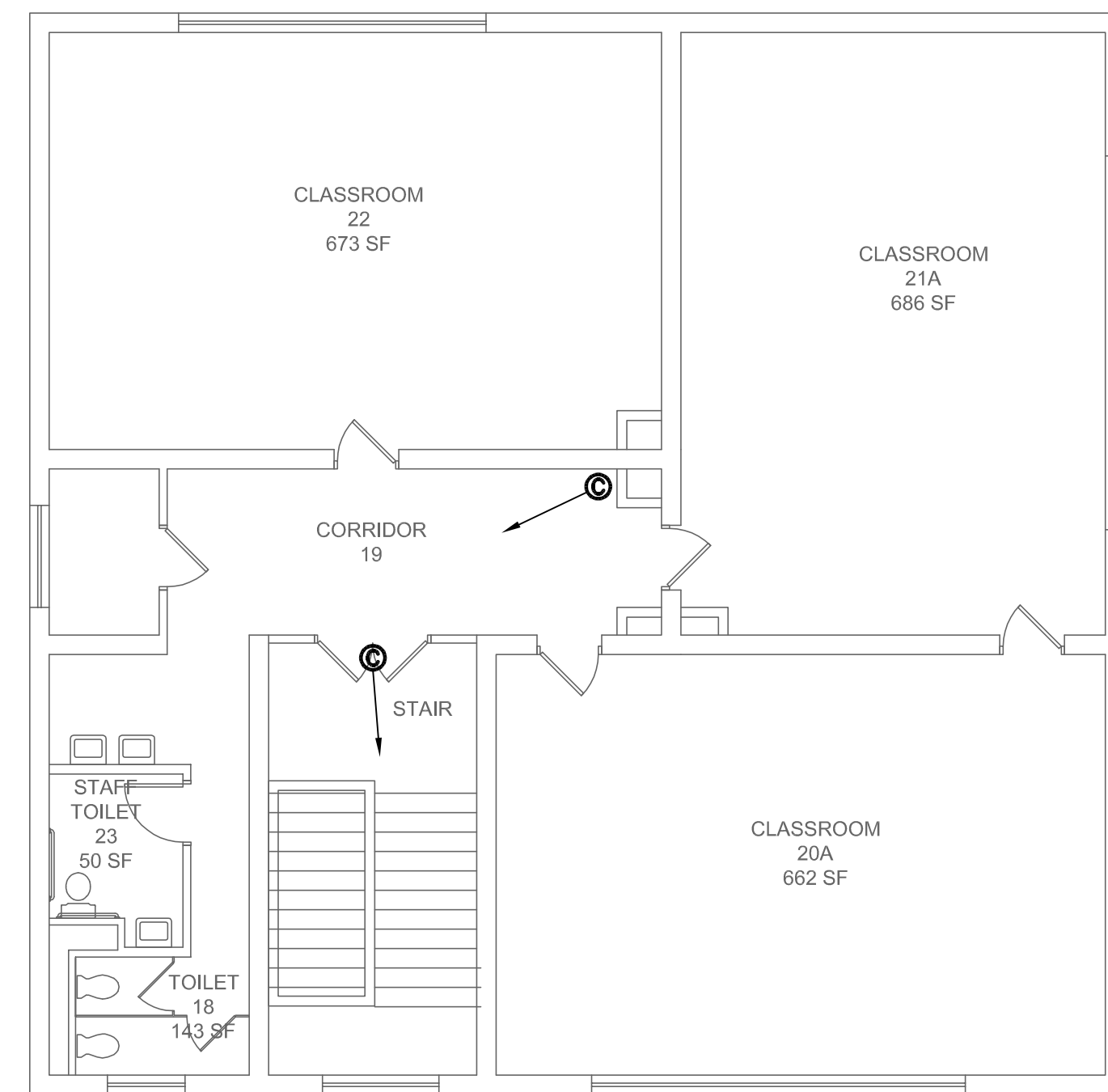
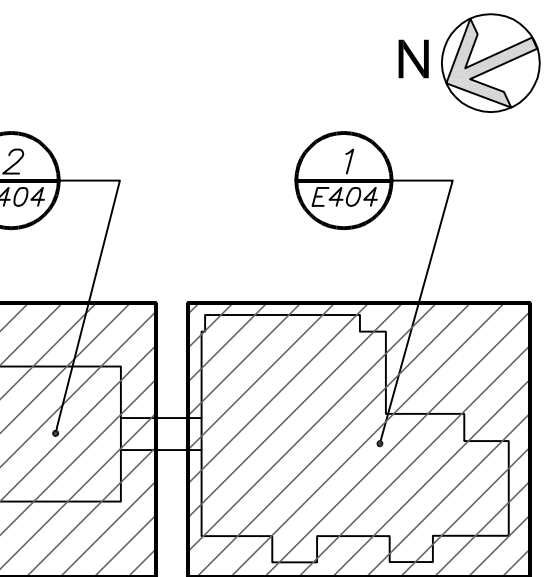
DIXSON PS FIRST FLOOR SECURITY PLAN (ALTERNATE)

Job No. 2015-1083
 Sheet No. **E403**
 Date 02-12-16
 Scale AS NOTED
 Drawn/Checked DBE/DBE

BEFORE FABRICATION THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB AND COORDINATE HIS WORK WITH THE WORK OF ALL OTHER CONTRACTORS

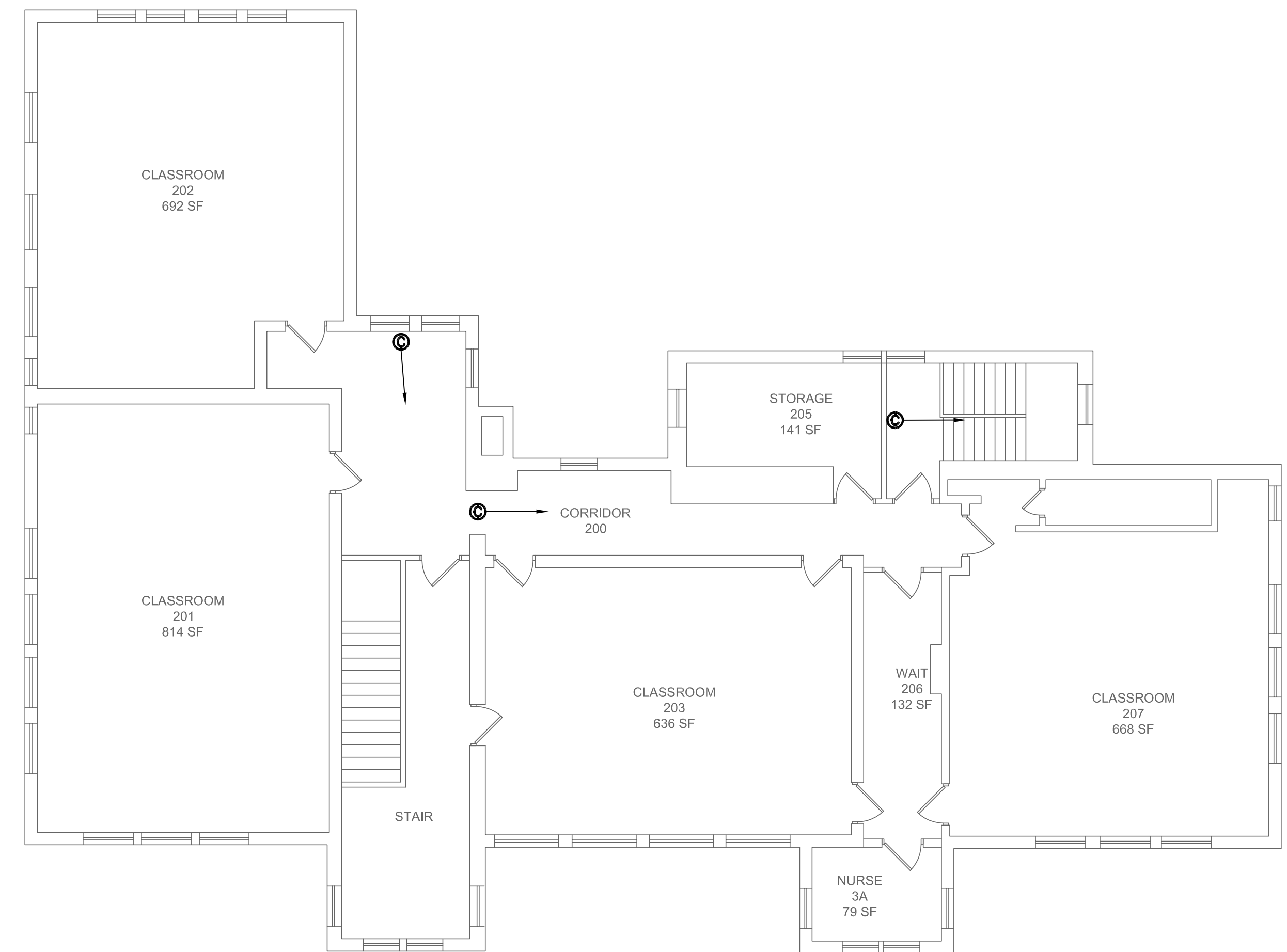
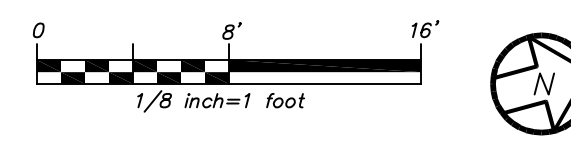


KEY PLAN



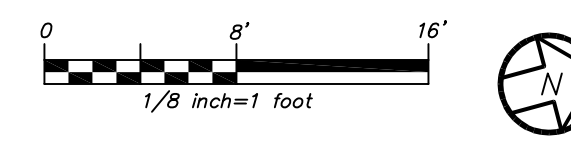
DIXSON ANNEX SECOND FLOOR
(ALTERNATE)

2
E404



DIXSON MAIN SECOND FLOOR
(ALTERNATE)

1
E404



GENERAL NOTES:

- CONTRACTOR TO PROVIDE AND INSTALL NEW CAMERAS AND PULL POE CAT 7 WIRE FROM CLOSEST DATA RACK TO EACH CAMERA LOCATION AS SHOWN. TERMINATE INTO EXISTING PATCH PANEL WITH INDIVIDUAL ADDRESSES. EXISTING SECURITY HEAD END TO REMAIN. PROVIDE GREEN WIRE WITH GREEN MALE CONNECTOR.
- CONTRACTOR TO COORDINATE EXACT CAMERA LOCATION AND AIMING ANGLE WITH OWNER BEFORE START OF ANY WORK.
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3	11-18-16	CONSTRUCTION DOCUMENTS
2	05-25-16	DESIGN DEVELOPMENT
1	04-05-16	SCHEMATIC DESIGN

No.	Date	Issue
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Sheet Title
**DIXSON PS
SECOND FLOOR
SECURITY PLAN
(ALTERNATE)**

Job No. 2015-1083	Sheet No. E404
Date 02-12-16	AS NOTED
Scale AS NOTED	Drawn/Checked DBE/DBE