SUNY WESTCHESTER COMMUNITY COLLEGE

ACADEMIC ARTS BUILDING
INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD, VALHALLA, NY 10595

WCC PROJECT # WCC-23-312

ARCHITECT:

LOTHROP ASSOCIATES ARCHITECTS D.P.C.

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MEP CONSULTANT:

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VICINITY MAP

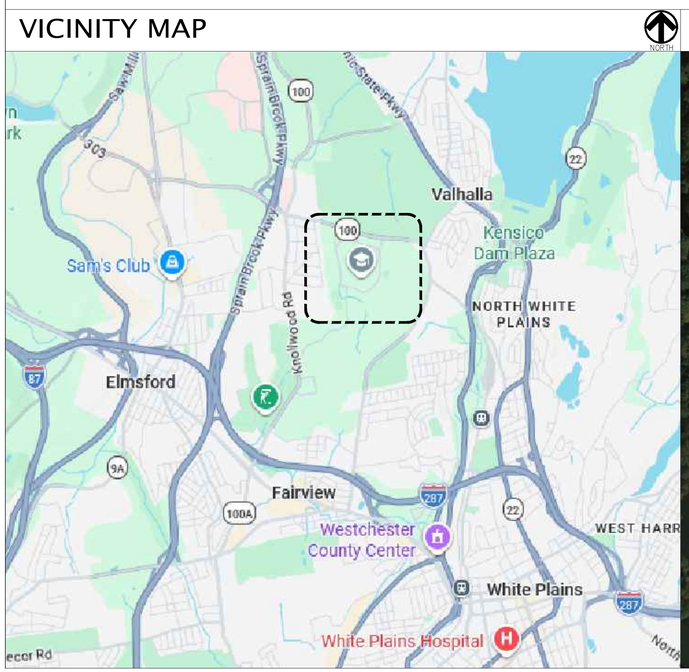
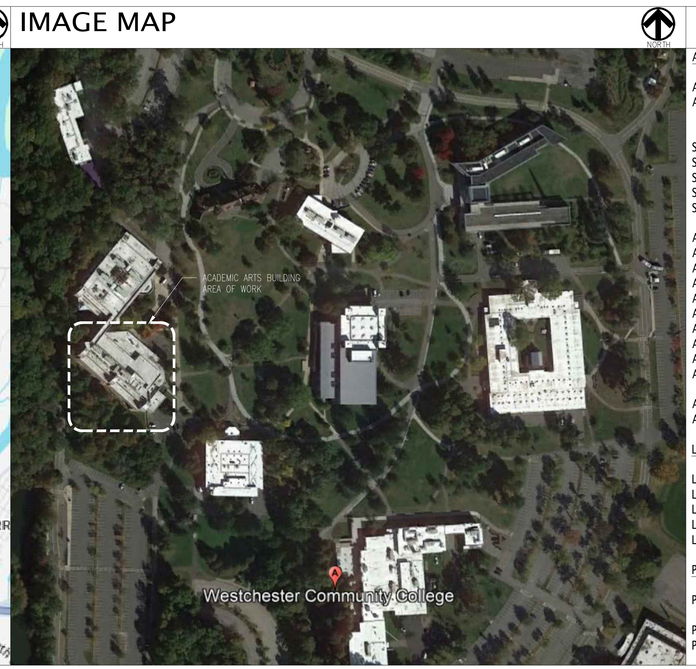


IMAGE MAP



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75 GRASSLAND RD
VALHALLA, NY 10595

COVER SHEET

PROJECT NO.: 2675-00 | SCALE:

DRAWING NO.:

A000

one eighth inch = one foot one quarter inch = one foot three quarters inch = one foot one half inch = one foot three eighths inch = one foot
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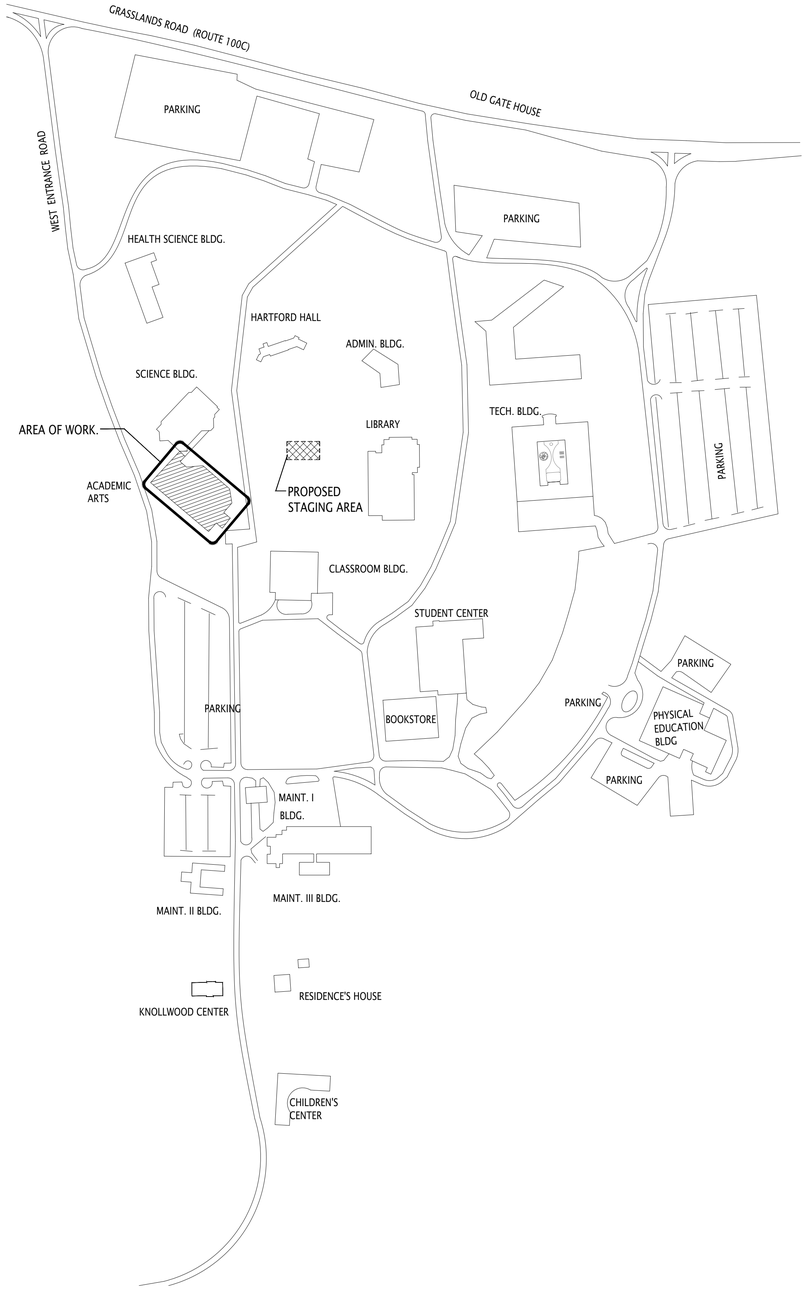


1 WESTCHESTER COMMUNITY COLLEGE CAMPUS MAP
NOT TO SCALE

GENERAL NOTES:

1. DO NOT OBSTRUCT VEHICLE ENTRANCES TO THE SITE OR OCCUPANT ACCESS TO BUILDINGS. MAINTAIN BUILDING ACCESS AT ALL TIMES.
2. PROTECT ALL PEDESTRIAN AREAS FROM POSSIBLE OVERHEAD FALLING DEBRIS.
3. SUBMIT PROPOSED STAGING AREA PLAN AND TEMPORARY PROTECTION BARRIER LAYOUT FOR APPROVAL PRIOR TO START OF PROJECT. COORDINATE LOCATION AND REQUIREMENTS WITH OWNER'S REPRESENTATIVE.
4. MAINTAIN EXISTING SITE ELEMENTS (PAVING, FENCES, BUILDINGS, PLANTINGS, LAWNS. AND OTHER ELEMENTS. REPLACE OR REPAIR, ELEMENTS AND PLANTINGS DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF OWNER.
5. LEAVE SITE IN SAFE CONDITION, AT THE END OF EACH WORK DAY.
6. MAINTAIN A SECURED AREA FOR CONSTRUCTION MATERIALS AND EQUIPMENT STORED ON SITE.
7. MAINTAIN ACCESS TO EMERGENCY EQUIPMENT AND ESCAPE ROUTES DURING CONSTRUCTION PERIOD.
8. EMPLOY SAFE CONSTRUCTION METHODS AND TAKE PRECAUTIONS DURING CONSTRUCTION AS REQUIRED BY LOCAL, STATE AND FEDERAL AUTHORITIES HAVING JURISDICTION.
9. ACTIVE SERVICES, SUCH AS ELECTRICAL, PLUMBING, GAS, TELEPHONE, ETC. TO REMAIN UNINTERRUPTED UNLESS OTHERWISE COORDINATED WITH THE COLLEGE.
10. PROVIDE TARPED DUMPSTER FOR REMOVAL OF RUBBISH AND DEBRIS. ADEQUATELY PROTECT DUMPSTER DURING CONSTRUCTION.
11. CONSTRUCTION METHODS SHALL CONFORM TO STATE AND LOCAL RULES, REGULATIONS AND ORDINANCES AND WESTCHESTER COMMUNITY COLLEGE REQUIREMENTS.
12. PROVIDE AND MAINTAIN ANY AND ALL TEMPORARY PROTECTION REQUIRED BY WORK BEING PERFORMED TO ENSURE THE SAFETY OF THE OCCUPANTS AND WORKERS AND PROTECTION OF PROPERTY;
13. KEEP EXTERIOR PUBLIC AREAS, ENTRANCES AND STAIR TOWER EXITS OF BUILDINGS FREE OF CONSTRUCTION MATERIALS AND DEBRIS.
14. AT PROJECT COMPLETION, REMOVE ALL CONSTRUCTION DEBRIS AND PATCH/REPAIR SURFACES DAMAGED BY CONSTRUCTION ACTIVITIES. THOROUGHLY CLEAN ALL WORK AREAS OF ALL DEBRIS RESULTING FROM WORK OF THIS PROJECT.
15. CONTRACTOR TO CONFIRM CONFIGURATION AND LOCATIONS OF OVERHEAD PROTECTION AND STAGING AREA WITH CAMPUS. OVERHEAD PROTECTION AND STAGING TO BE MODIFIED AS NEEDED TO AVOID EXISTING TREES.
16. DISCONNECTS, TEMPORARILY REMOVALS, RECONNECTS AND REINSTALLATION OF EQUIPMENT AND UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.

SITE PLAN LEGEND

EXISTING BUILDING

PROPOSED STAGING AREA

TAGS LEGEND

DETAIL CALL OUT TAG

INTERIOR ELEVATION TAG

DEMOLITION TAG

CONSTRUCTION TAG

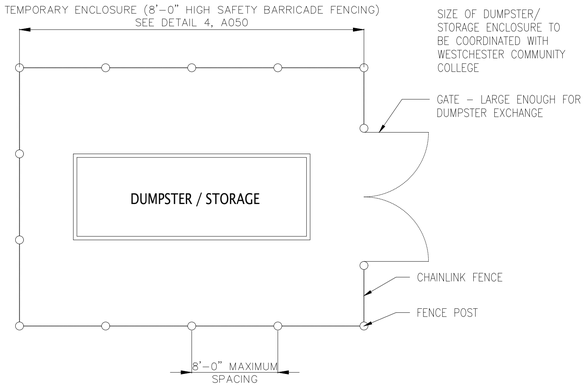
DOOR TAG

WALL TAG

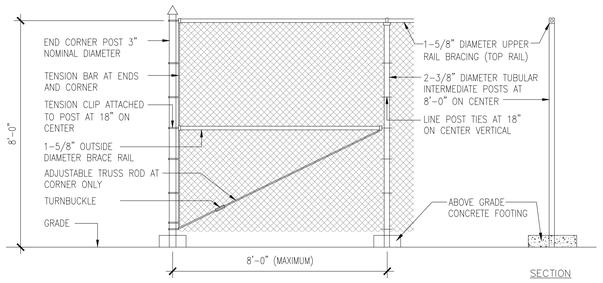
DETAIL TAG

FINISHED FLOOR HEIGHT

FLOOR HEIGHT TAG



2 STAGING AREA DETAIL
NOT TO SCALE



OPENINGS REQUIRED IN FENCE FOR LOADING ACCESS SHALL BE KEPT CLOSED WHEN NOT IN USE.

3 TEMPORARY FENCE DETAIL (TYPICAL FOR DUMPSTER AND STAGING AREA)
NOT TO SCALE

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CAMPUS MAP, STAGING DETAILS, LEGEND, AND GENERAL NOTES

PROJECT NO.: 2675-00 SCALE: NOT TO SCALE

DRAWING NO.:

A001

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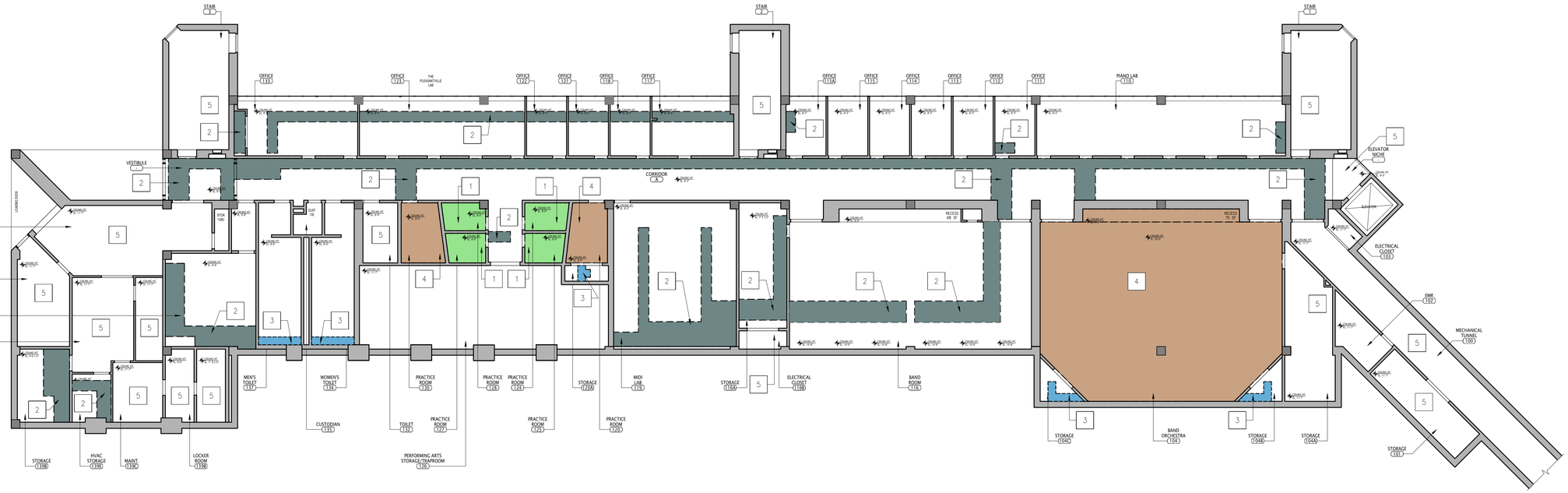
one quarter inch = one foot 0 4 8
three eighths inch = one foot 0 4 8
one half inch = one foot 0 2 4
three quarters inch = one foot 0 2
one inch = one foot 0 2



1 FIRST FLOOR SCHEMATIC PLAN
SCALE: 3/32" = 1'-0"

PROPOSED CEILING WORK KEY		
1	170 SF	REMOVE SUSPENDED CEILING GRID AND ACOUSTICAL TILE IN AREAS WITH LOW CEILINGS. PROVIDE GRID AND ACOUSTICAL TILE.
2	1,530 SF	REMOVE ACOUSTICAL TILE AS NEEDED FOR SPRINKLER INSTALLATION. PROVIDE ACOUSTICAL TILE.
3	55 SF	REMOVE GYPSUM WALL BOARD CEILING AS NEEDED FOR SPRINKLER INSTALLATION. REPAIR, PATCH, AND PAINT.
4	1,755 SF	REMOVE CONCEALED GRID AND TILE. PROVIDE SUSPENDED CEILING GRID AND ACOUSTICAL TILE.
	3,510 SF	**CEILING WORK AREA TOTAL**
5	8,861 SF	CEILINGS AREAS WITH NO DEMO OR REPAIR WORK

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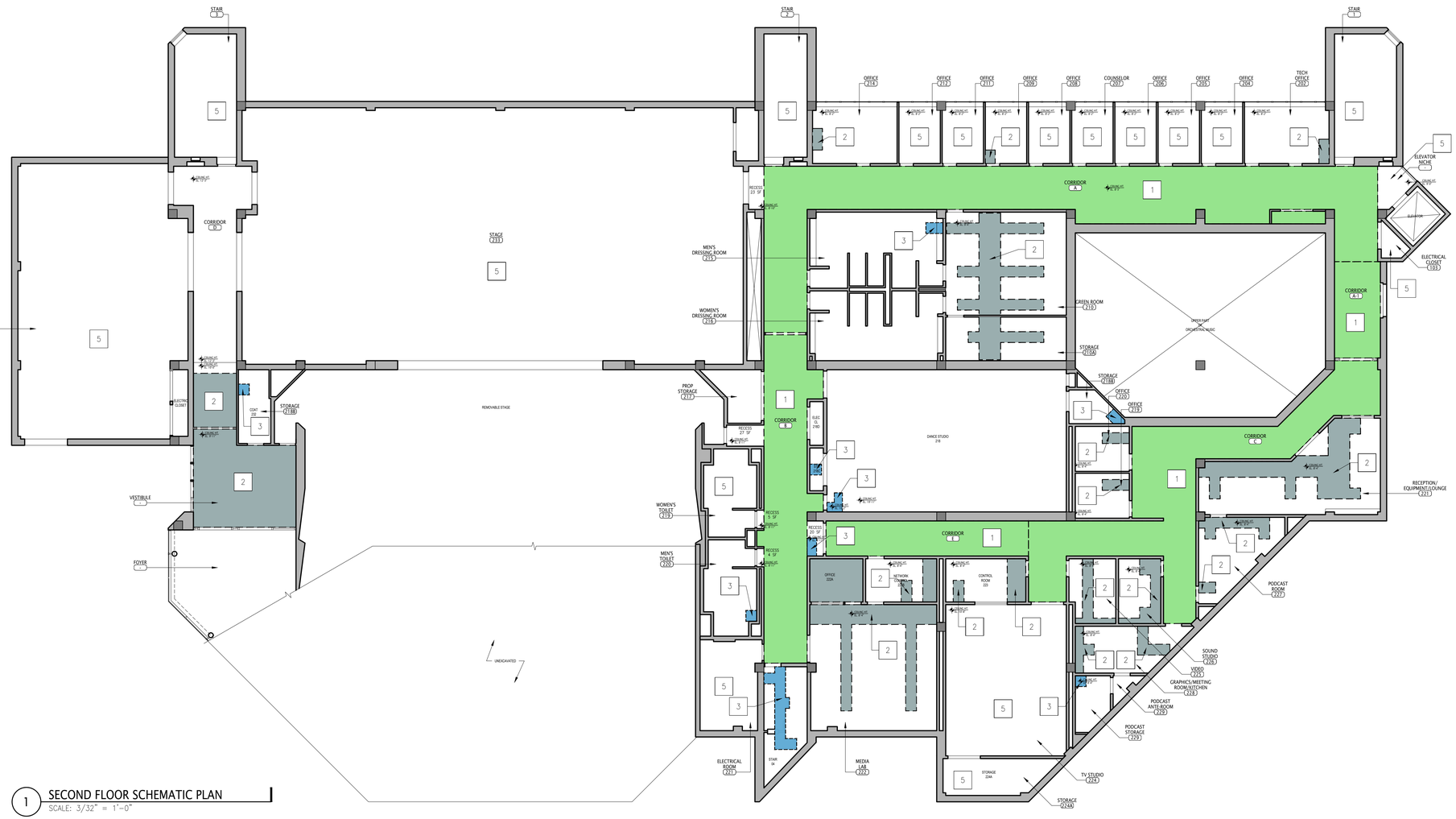
FIRST FLOOR SCHEMATIC PLAN

PROJECT NO.: 2675-00
SCALE: AS NOTED

DRAWING NO.:

SCH-101

one inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one eighth inch = one foot



1 SECOND FLOOR SCHEMATIC PLAN
SCALE: 3/32" = 1'-0"

PROPOSED CEILING WORK KEY		
1	2,997 SF	REMOVE SUSPENDED CEILING GRID AND ACOUSTICAL TILE IN AREAS WITH LOW CEILINGS. PROVIDE GRID AND ACOUSTICAL TILE.
2	1,241 SF	REMOVE ACOUSTICAL TILE AS NEEDED FOR SPRINKLER INSTALLATION. PROVIDE ACOUSTICAL TILE.
3	82 SF	REMOVE GYPSUM WALL BOARD CEILING AS NEEDED FOR SPRINKLER INSTALLATION. REPAIR, PATCH, AND PAINT.
4	0 SF	REMOVE CONCEALED GRID AND TILE. PROVIDE SUSPENDED CEILING GRID AND ACOUSTICAL TILE.
	4,320 SF	CEILING WORK AREA TOTAL
5	12,743 SF	CEILINGS AREAS WITH NO DEMO OR REPAIR WORK

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SECOND FLOOR SCHEMATIC PLAN

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

SCH-102

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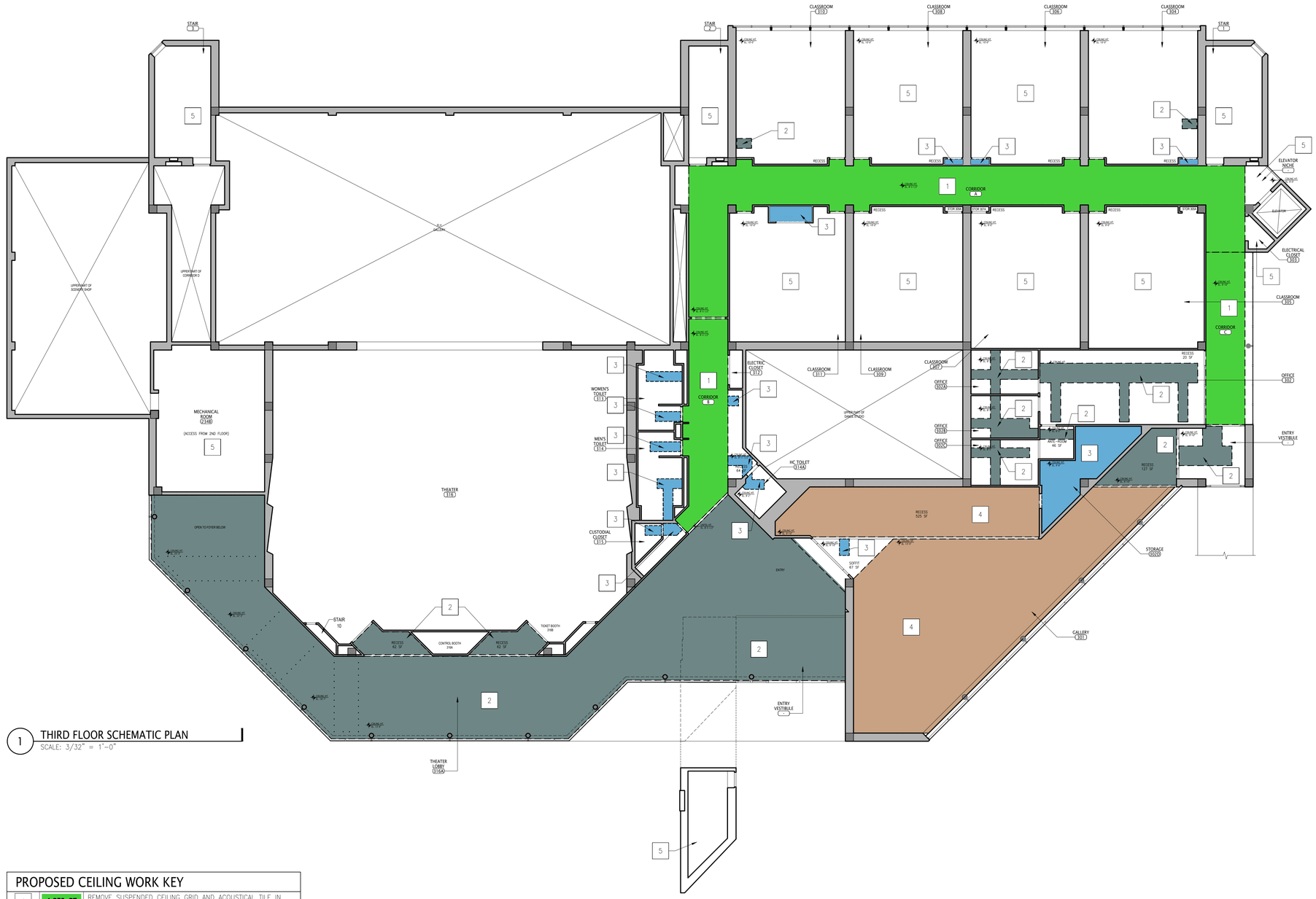
one inch = one foot 0 2



1 THIRD FLOOR SCHEMATIC PLAN
SCALE: 3/32" = 1'-0"

PROPOSED CEILING WORK KEY

1	1,832 SF	REMOVE SUSPENDED CEILING GRID AND ACOUSTICAL TILE IN AREAS WITH LOW CEILINGS. PROVIDE GRID AND ACOUSTICAL TILE.
2	3,727 SF	REMOVE ACOUSTICAL TILE AS NEEDED FOR SPRINKLER INSTALLATION. PROVIDE ACOUSTICAL TILE.
3	333 SF	REMOVE GYPSUM WALL BOARD CEILING AS NEEDED FOR SPRINKLER INSTALLATION. REPAIR, PATCH, AND PAINT.
4	2,068 SF	REMOVE CONCEALED GRID AND TILE. PROVIDE SUSPENDED CEILING GRID AND ACOUSTICAL TILE.
	7,960 SF	**CEILING WORK AREA TOTAL**
5	7,678 SF	CEILINGS AREAS WITH NO DEMO OR REPAIR WORK

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THIRD FLOOR SCHEMATIC PLAN

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

SCH-103

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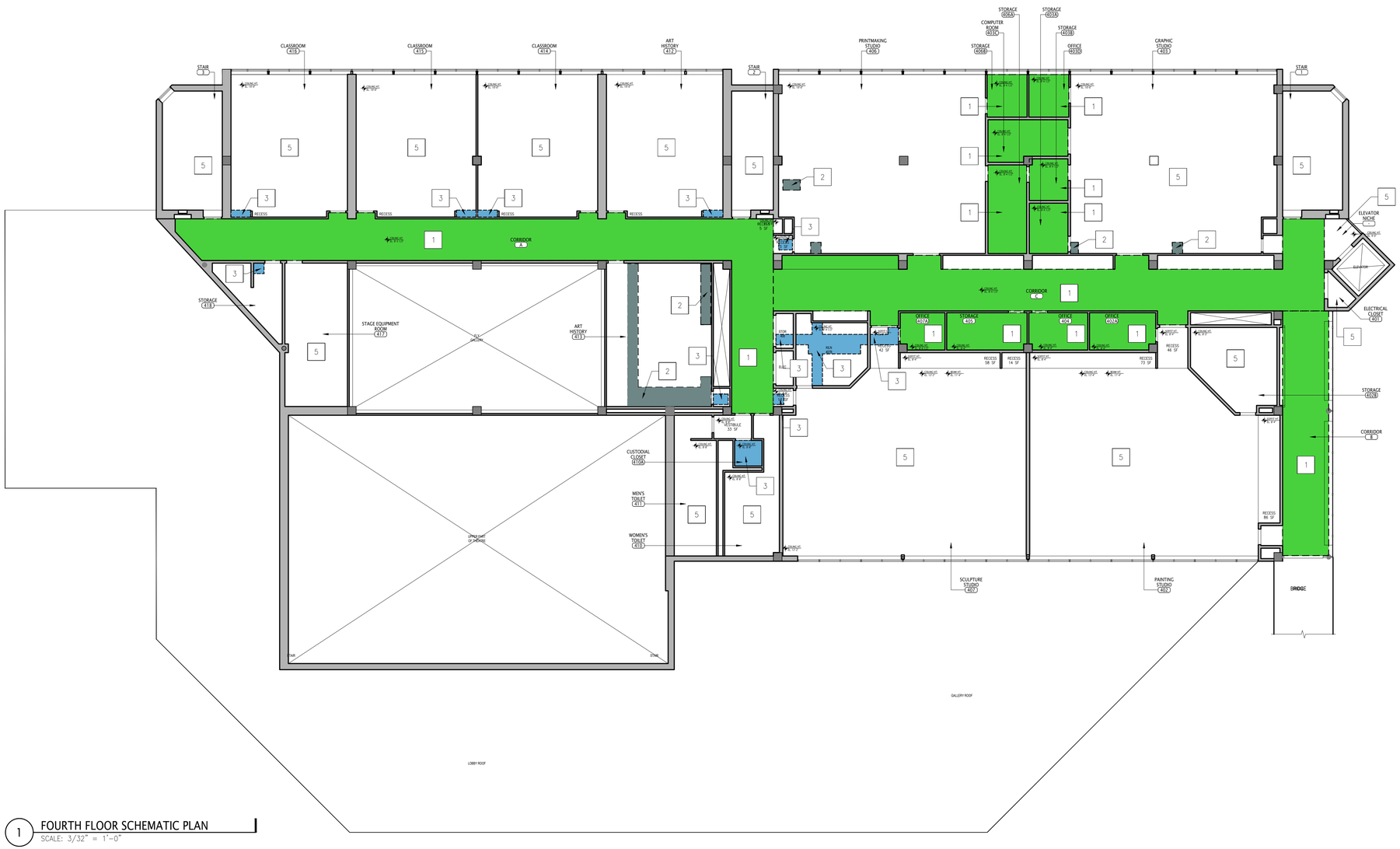

1 FOURTH FLOOR SCHEMATIC PLAN
SCALE: 3/32" = 1'-0"

PROPOSED CEILING WORK KEY		
1	3,454 SF	REMOVE SUSPENDED CEILING GRID AND ACOUSTICAL TILE IN AREAS WITH LOW CEILINGS. PROVIDE GRID AND ACOUSTICAL TILE.
2	148 SF	REMOVE ACOUSTICAL TILE AS NEEDED FOR SPRINKLER INSTALLATION. PROVIDE ACOUSTICAL TILE.
3	146 SF	REMOVE GYPSUM WALL BOARD CEILING AS NEEDED FOR SPRINKLER INSTALLATION. REPAIR, PATCH, AND PAINT.
4	0 SF	REMOVE CONCEALED GRID AND TILE. PROVIDE SUSPENDED CEILING GRID AND ACOUSTICAL TILE.
	3,748 SF	**CEILING WORK AREA TOTAL**
5	10,832 SF	CEILINGS AREAS WITH NO DEMO OR REPAIR WORK

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FOURTH FLOOR SCHEMATIC PLAN

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SCALE: AS NOTED
DRAWING NO.:

SCH-104

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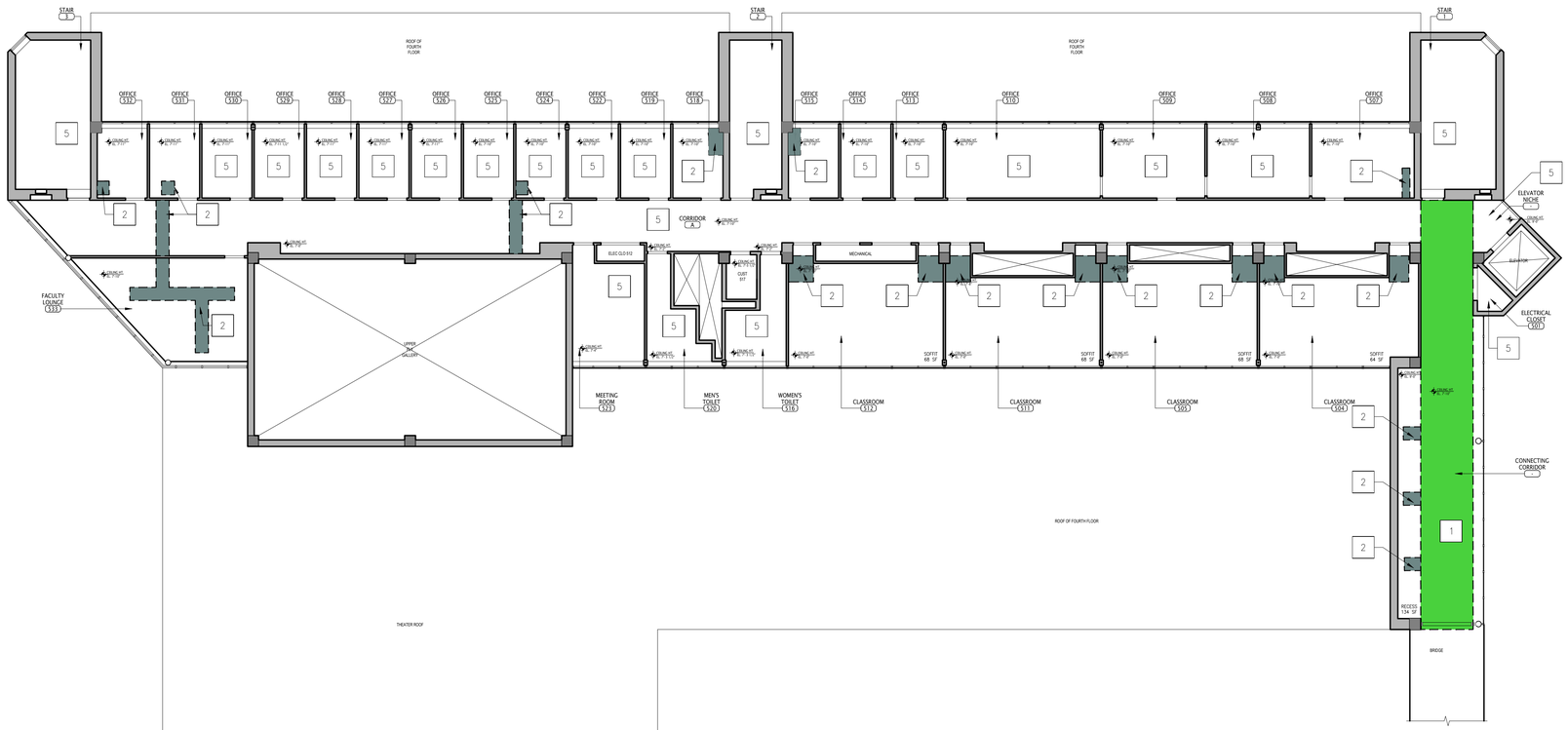

1 FIFTH FLOOR SCHEMATIC PLAN
SCALE: 3/32" = 1'-0"

PROPOSED CEILING WORK KEY		
1	526 SF	REMOVE SUSPENDED CEILING GRID AND ACOUSTICAL TILE IN AREAS WITH LOW CEILINGS. PROVIDE GRID AND ACOUSTICAL TILE.
2	252 SF	REMOVE ACOUSTICAL TILE AS NEEDED FOR SPRINKLER INSTALLATION. PROVIDE ACOUSTICAL TILE.
3	0 SF	REMOVE GYPSUM WALL BOARD CEILING AS NEEDED FOR SPRINKLER INSTALLATION. REPAIR, PATCH, AND PAINT.
4	0 SF	REMOVE CONCEALED GRID AND TILE. PROVIDE SUSPENDED CEILING GRID AND ACOUSTICAL TILE.
	778 SF	**CEILING WORK AREA TOTAL**
5	6,183 SF	CEILINGS AREAS WITH NO DEMO OR REPAIR WORK

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FIFTH FLOOR SCHEMATIC PLAN

PROJECT NO.: 2675-00
SCALE: AS NOTED

DRAWING NO.:

SCH-105

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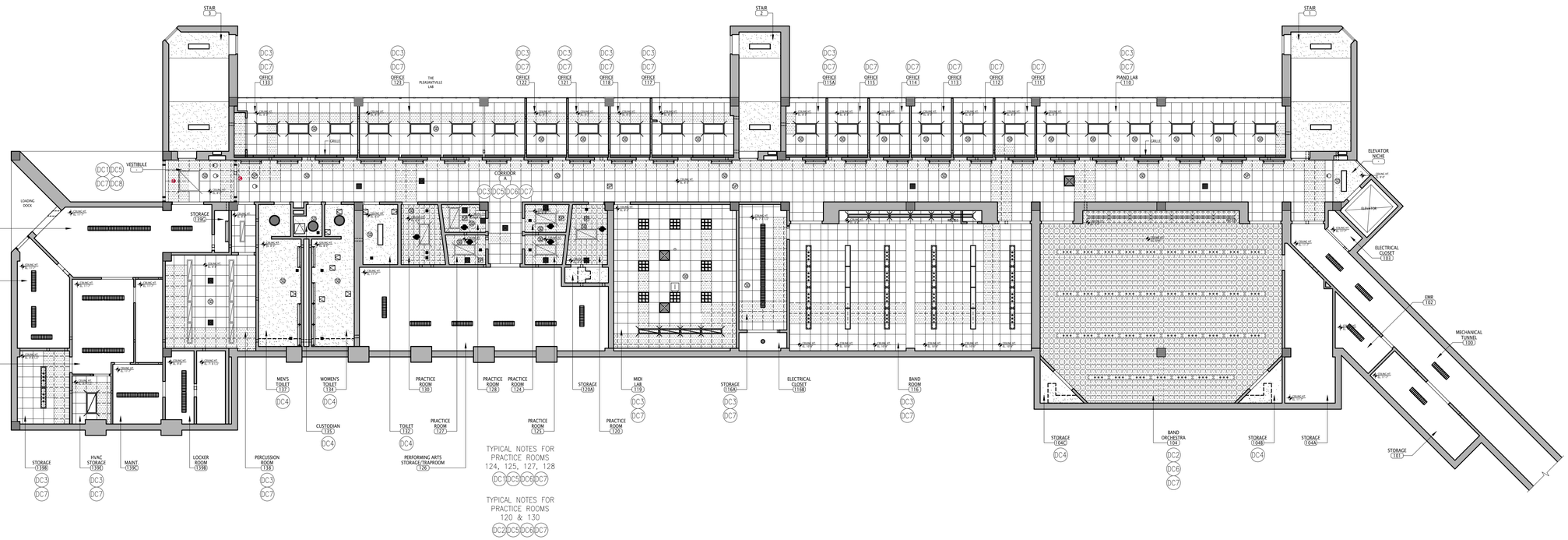
one half inch = one foot 4 0
three quarters inch = one foot 2 0
one inch = one foot 2 0



1 FIRST FLOOR RCP DEMO PLAN
SCALE: 3/32" = 1'-0"

DEMOLITION REFLECTED CEILING NOTES

DC1	REMOVE SUSPENDED CEILING GRID SYSTEM.
DC2	REMOVE CONCEALED GRID AND TILE.
DC3	REMOVE ACOUSTICAL TILE WHERE INDICATED TO INSTALL SPRINKLER SYSTEM BRANCHES. SEE FIRE PROTECTION DRAWINGS.
DC4	REMOVE SECTIONS OF GYPSUM WALL BOARD CEILING REQUIRED TO FIRE PROTECTION BRANCHES AND SPRINKLER HEADS. SEE FIRE PROTECTION DRAWINGS.
DC5	REMOVE EXISTING LIGHTING FIXTURES, UNLESS OTHERWISE NOTED.
DC6	TEMPORARILY SUPPORT EXISTING SUPPLY AND/OR RETURN DIFFUSER. SEAL AGAINST DUST AND DEBRIS. SEE FIRE PROTECTION DRAWINGS.
DC7	EXISTING LIGHTING FIXTURES, SMOKE DETECTORS/ALARMS, AUDIO SPEAKERS, AND SECURITY CAMERAS TO REMAIN. TEMPORARILY REMOVE OR SUPPORT, PROTECT, AND SEAL AGAINST DUST AND DEBRIS.
DC8	EXISTING CEILING AND WALL MOUNTED SIGNAGE TO REMAIN.

REFLECTED CEILING PLAN LEGEND - DEMO

	DEMO 2'x2', 2'x4', & 1'x1' CEILING GRID AND TILE
	DEMO ACOUSTICAL TILE ONLY
	DEMO GYPSUM BOARD CEILING
	WALL PENETRATIONS NEW/FILL. SEE FIRE PROTECTION DRAWINGS
	RECESSED 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SURFACE MOUNTED 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	RECESSED 2'x2' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SURFACE MOUNTED 2'x2' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	RECESSED TROFFER FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SUSPENDED LIGHT FIXTURE TO BE REMOVED
	EXISTING TRACK LIGHT TO BE REMOVED
	SURFACE MOUNTED ROUND LIGHT FIXTURE TO BE REMOVED
	CEILING OR PENDANT MOUNTED EXIT LIGHT w/DIRECTIONAL ARROWS INDICATED TO REMAIN
	SUPPLY DIFFUSER/RETURN GRILLES TO REMAIN
	EXHAUST FAN TO REMAIN
	SECURITY CAMERA TO REMAIN
S	SMOKE DETECTOR TO REMAIN
SP	SPEAKER TO REMAIN

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SUNY WESTCHESTER COMMUNITY COLLEGE

ISSUE NO.	ISSUE DATE	DESCRIPTION
1	07-17-2026	ISSUED FOR BID

WESTCHESTER COMMUNITY COLLEGE

ACADEMIC ARTS BUILDING
INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

FIRST FLOOR REFLECTED CEILING PLAN DEMO

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

A110

N:\10-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-312) [\2675-00_Drawings\2675-00_26_0717 - Reflected Ceiling Plans - Revised Scope.dwg
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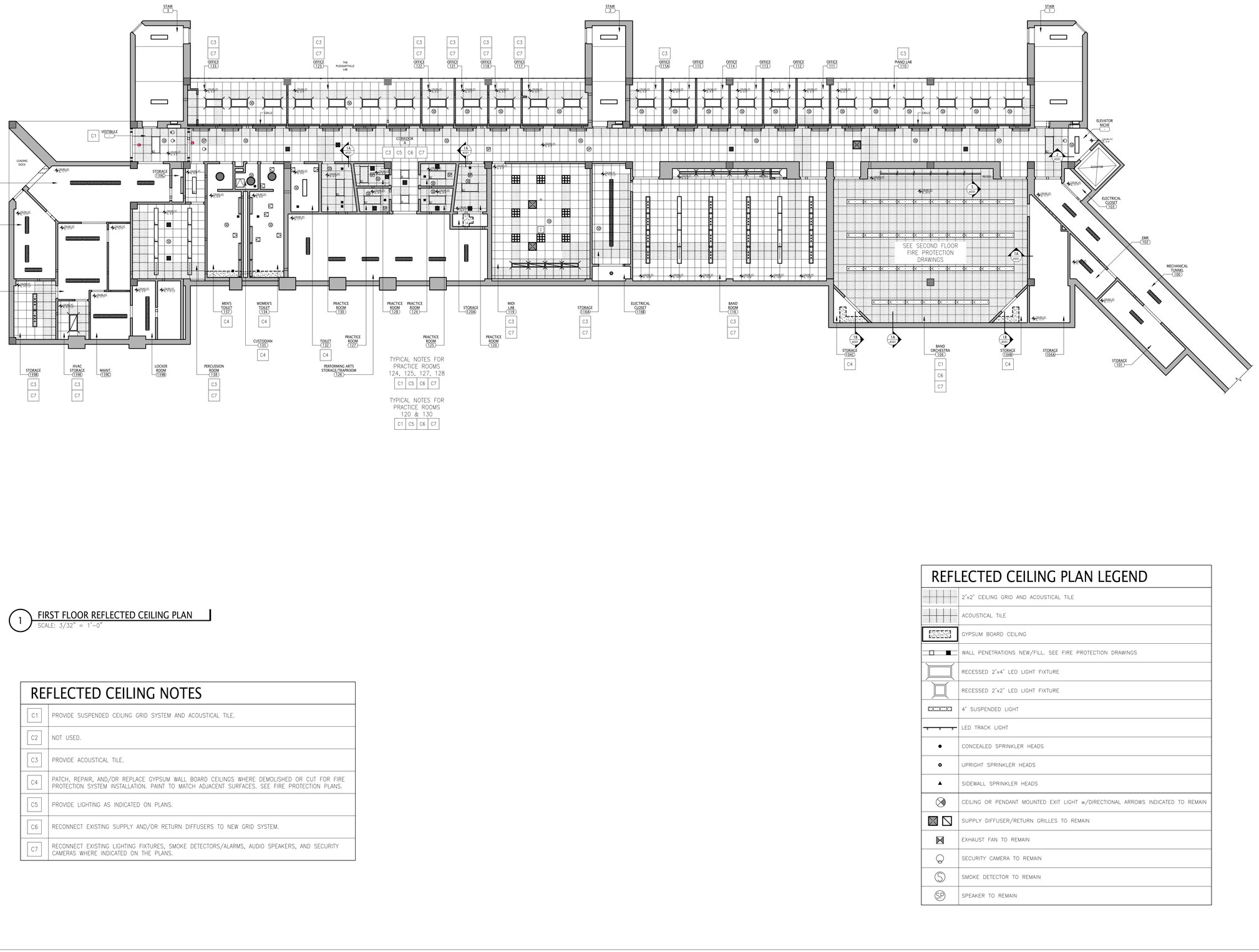
one quarter inch = one foot 0 4 8
three eighths inch = one foot 0 4
one half inch = one foot 0
three quarters inch = one foot 0 2
one inch = one foot 0 2



1 FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 3/32" = 1'-0"

REFLECTED CEILING NOTES

C1	PROVIDE SUSPENDED CEILING GRID SYSTEM AND ACOUSTICAL TILE.
C2	NOT USED.
C3	PROVIDE ACOUSTICAL TILE.
C4	PATCH, REPAIR, AND/OR REPLACE GYPSUM WALL BOARD CEILINGS WHERE DEMOLISHED OR CUT FOR FIRE PROTECTION SYSTEM INSTALLATION. PAINT TO MATCH ADJACENT SURFACES. SEE FIRE PROTECTION PLANS.
C5	PROVIDE LIGHTING AS INDICATED ON PLANS.
C6	RECONNECT EXISTING SUPPLY AND/OR RETURN DIFFUSERS TO NEW GRID SYSTEM.
C7	RECONNECT EXISTING LIGHTING FIXTURES, SMOKE DETECTORS/ALARMS, AUDIO SPEAKERS, AND SECURITY CAMERAS WHERE INDICATED ON THE PLANS.

REFLECTED CEILING PLAN LEGEND

	2'x2' CEILING GRID AND ACOUSTICAL TILE
	ACOUSTICAL TILE
	GYPSUM BOARD CEILING
	WALL PENETRATIONS NEW/FILL. SEE FIRE PROTECTION DRAWINGS
	RECESSED 2'x4' LED LIGHT FIXTURE
	RECESSED 2'x2' LED LIGHT FIXTURE
	4' SUSPENDED LIGHT
	LED TRACK LIGHT
	CONCEALED SPRINKLER HEADS
	UPRIGHT SPRINKLER HEADS
	SIDEWALL SPRINKLER HEADS
	CEILING OR PENDANT MOUNTED EXIT LIGHT w/DIRECTIONAL ARROWS INDICATED TO REMAIN
	SUPPLY DIFFUSER/RETURN GRILLES TO REMAIN
	EXHAUST FAN TO REMAIN
	SECURITY CAMERA TO REMAIN
	SMOKE DETECTOR TO REMAIN
SP	SPEAKER TO REMAIN

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INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

FIRST FLOOR REFLECTED CEILING PLAN

PROJECT NO.: 2675-00 SCALE: AS NOTED

DRAWING NO.:

A111

N:\10-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-312) [\2675-00_Drawings\2675-00_26_0717 - Reflected Ceiling Plans - Revised Scope.dwg
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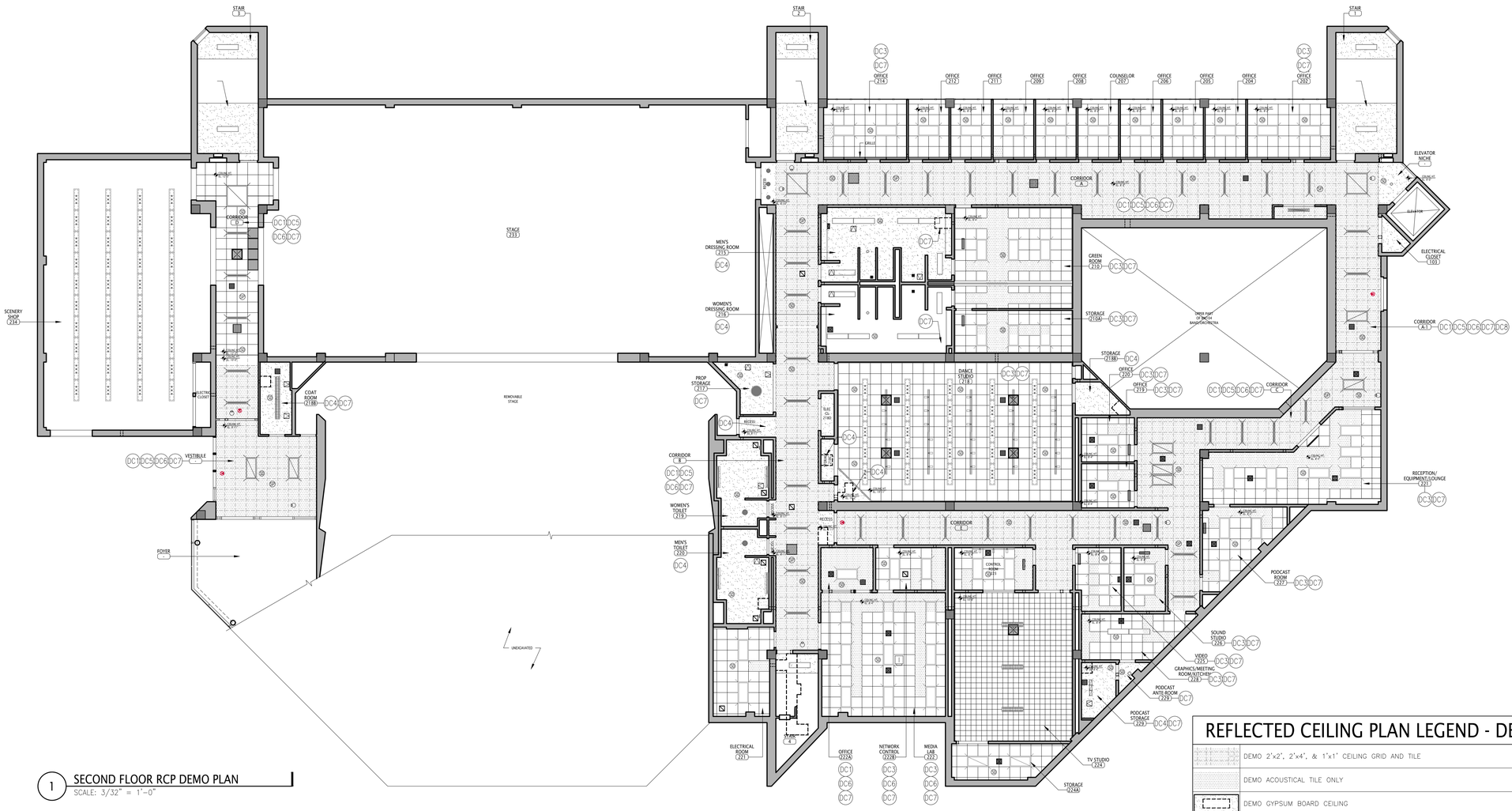
one quarter inch = one foot 8 4 0
three eighths inch = one foot 4 0
one half inch = one foot 2 0
three quarters inch = one foot 2 0
one inch = one foot 2 0



1 SECOND FLOOR RCP DEMO PLAN
SCALE: 3/32" = 1'-0"

DEMOLITION REFLECTED CEILING NOTES

DC1	REMOVE SUSPENDED CEILING GRID SYSTEM.
DC2	REMOVE CONCEALED GRID AND TILE.
DC3	REMOVE ACOUSTICAL TILE WHERE INDICATED TO INSTALL SPRINKLER SYSTEM BRANCHES. SEE FIRE PROTECTION DRAWINGS.
DC4	REMOVE SECTIONS OF GYPSUM WALL BOARD CEILING REQUIRED TO FIRE PROTECTION BRANCHES AND SPRINKLER HEADS. SEE FIRE PROTECTION DRAWINGS.
DC5	REMOVE EXISTING LIGHTING FIXTURES, UNLESS OTHERWISE NOTED.
DC6	TEMPORARILY SUPPORT EXISTING SUPPLY AND/OR RETURN DIFFUSER. SEAL AGAINST DUST AND DEBRIS. SEE FIRE PROTECTION DRAWINGS.
DC7	EXISTING LIGHTING FIXTURES, SMOKE DETECTORS/ALARMS, AUDIO SPEAKERS, AND SECURITY CAMERAS TO REMAIN. TEMPORARILY REMOVE OR SUPPORT, PROTECT, AND SEAL AGAINST DUST AND DEBRIS.
DC8	EXISTING CEILING AND WALL MOUNTED SIGNAGE TO REMAIN.

REFLECTED CEILING PLAN LEGEND - DEMO

	DEMO 2'x2', 2'x4', & 1'x1' CEILING GRID AND TILE
	DEMO ACOUSTICAL TILE ONLY
	DEMO GYPSUM BOARD CEILING
	WALL PENETRATIONS NEW/FILL. SEE FIRE PROTECTION DRAWINGS
	RECESSED 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SURFACE MOUNTED 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	RECESSED 2'x2' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SURFACE MOUNTED 2'x2' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	RECESSED TROFFER FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SUSPENDED LIGHT FIXTURE TO BE REMOVED
	EXISTING TRACK LIGHT TO BE REMOVED
	SURFACE MOUNTED ROUND LIGHT FIXTURE TO BE REMOVED
	CEILING OR PENDANT MOUNTED EXIT LIGHT w/DIRECTIONAL ARROWS INDICATED TO REMAIN
	SUPPLY DIFFUSER/RETURN GRILLES TO REMAIN
	EXHAUST FAN TO REMAIN
	SECURITY CAMERA TO REMAIN
S	SMOKE DETECTOR TO REMAIN
SP	SPEAKER TO REMAIN

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INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
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SECOND FLOOR REFLECTED CEILING PLAN DEMO

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

A120

N:\10-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-312) []\2675-00_Drawings\2675-00_26_0717 - Reflected Ceiling Plans - Revised Scope.dwg
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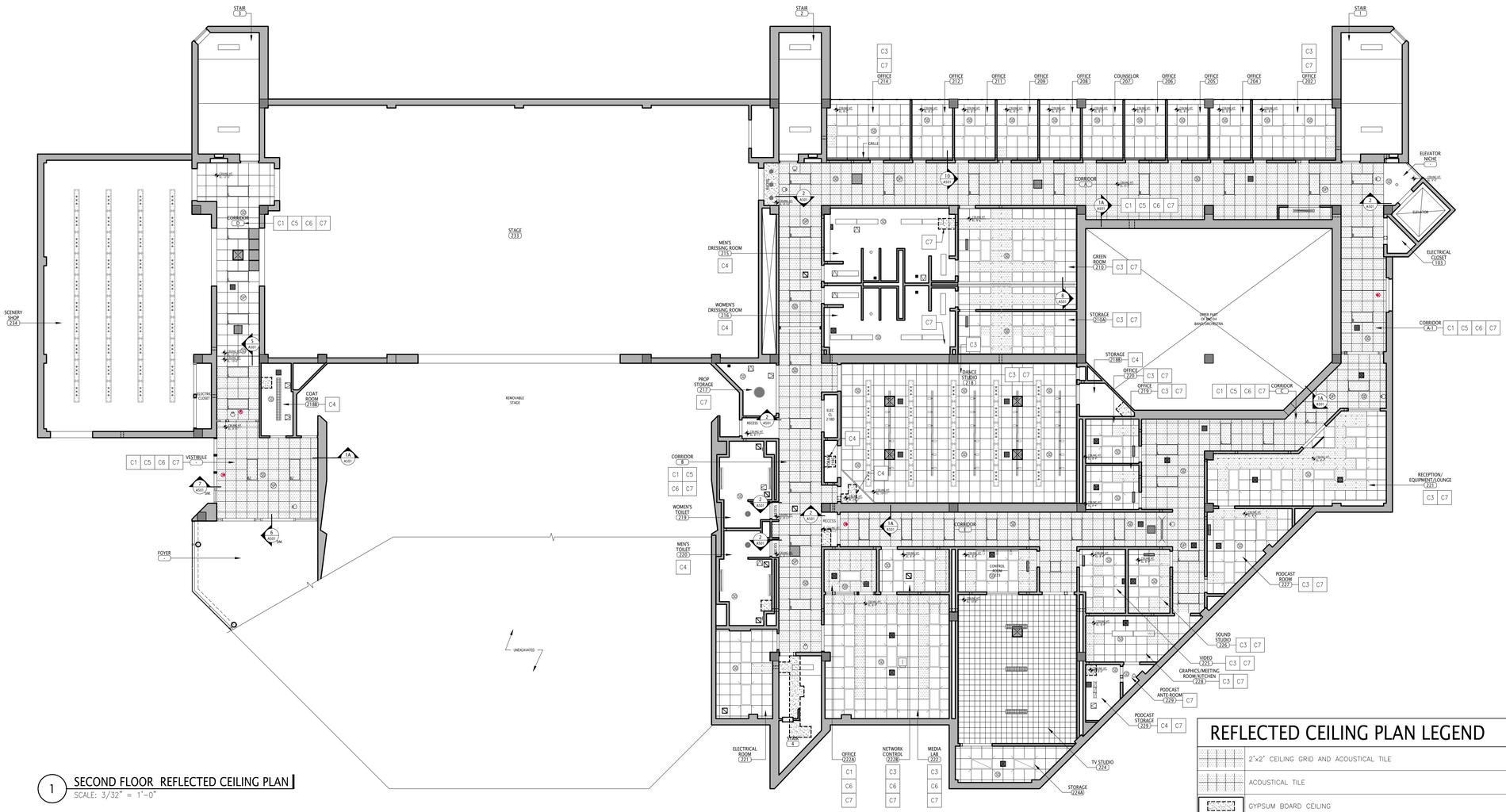

1 SECOND FLOOR REFLECTED CEILING PLAN
SCALE: 3/32" = 1'-0"

REFLECTED CEILING NOTES

C1	PROVIDE SUSPENDED CEILING GRID SYSTEM AND ACOUSTICAL TILE.
C2	NOT USED.
C3	PROVIDE ACOUSTICAL TILE.
C4	PATCH, REPAIR, AND/OR REPLACE GYPSUM WALL BOARD CEILINGS WHERE DEMOLISHED OR CUT FOR FIRE PROTECTION SYSTEM INSTALLATION. PAINT TO MATCH ADJACENT SURFACES. SEE FIRE PROTECTION PLANS.
C5	PROVIDE LIGHTING AS INDICATED ON PLANS.
C6	RECONNECT EXISTING SUPPLY AND/OR RETURN DIFFUSERS TO NEW GRID SYSTEM.
C7	RECONNECT EXISTING LIGHTING FIXTURES, SMOKE DETECTORS/ALARMS, AUDIO SPEAKERS, AND SECURITY CAMERAS WHERE INDICATED ON THE PLANS.

REFLECTED CEILING PLAN LEGEND

	2'x2' CEILING GRID AND ACOUSTICAL TILE
	ACOUSTICAL TILE
	GYPSUM BOARD CEILING
	WALL PENETRATIONS NEW/FILL. SEE FIRE PROTECTION DRAWINGS
	RECESSED 2'x4' LED LIGHT FIXTURE
	RECESSED 2'x2' LED LIGHT FIXTURE
	4" SUSPENDED LIGHT
	LED TRACK LIGHT
	CONCEALED SPRINKLER HEADS
	UPRIGHT SPRINKLER HEADS
	SIDEWALL SPRINKLER HEADS
	CEILING OR PENDANT MOUNTED EXIT LIGHT w/DIRECTIONAL ARROWS INDICATED TO REMAIN
	SUPPLY DIFFUSER/RETURN GRILLES TO REMAIN
	EXHAUST FAN TO REMAIN
	SECURITY CAMERA TO REMAIN
S	SMOKE DETECTOR TO REMAIN
SP	SPEAKER TO REMAIN

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INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

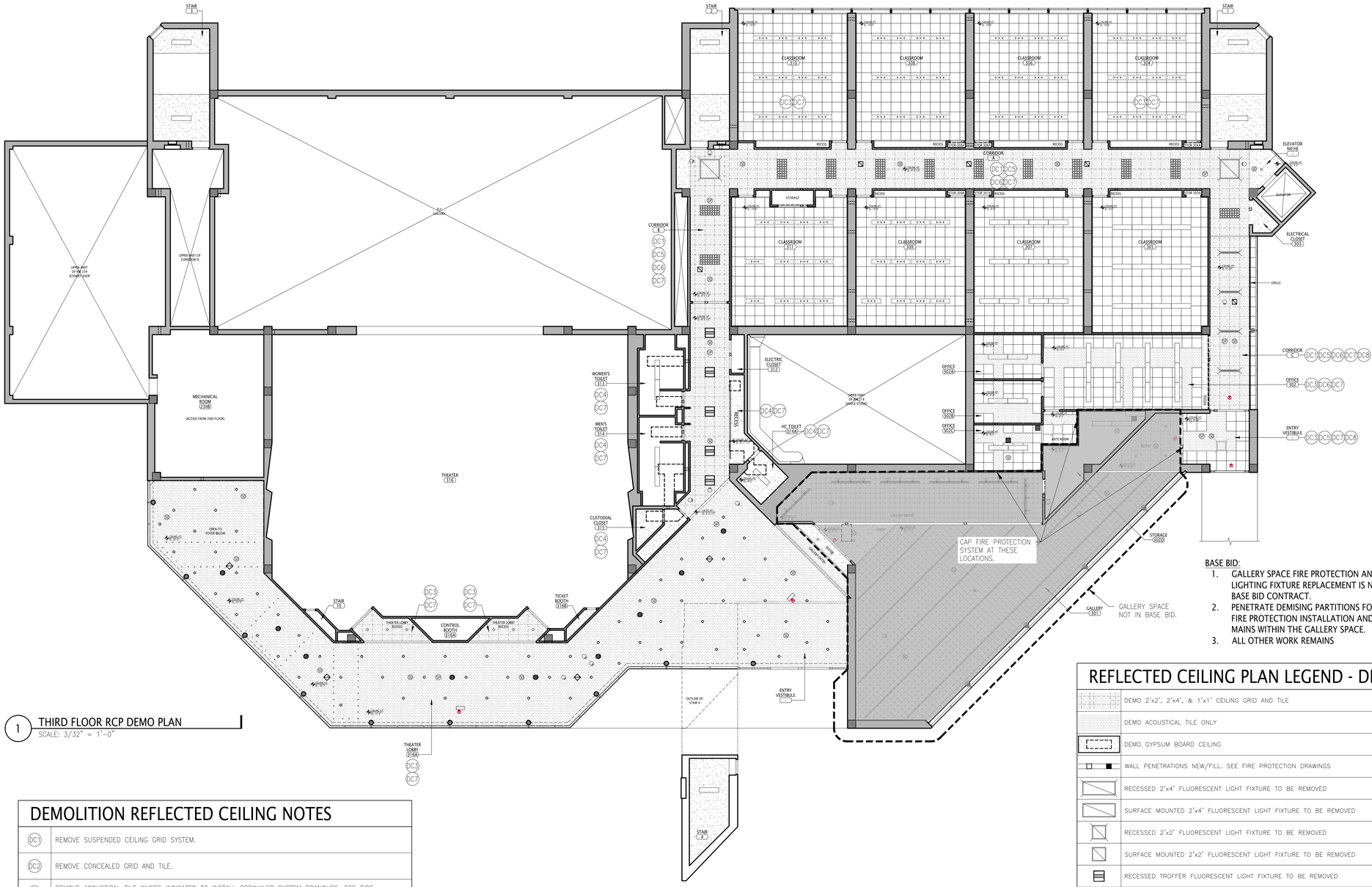
SECOND FLOOR REFLECTED CEILING PLAN

PROJECT NO.: 2675-00 SCALE: AS NOTED

DRAWING NO.:

A121

N:\10-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-312) []\2675-00_Drawings\2675-00_26_0717 - Reflected Ceiling Plans - Revised Scope.dwg
one eighth inch = one foot 0 4 8 16
one quarter inch = one foot 0 4 8
three eighths inch = one foot 0 4
one half inch = one foot 0 4
three quarters inch = one foot 0 2
one inch = one foot 0 2



1 THIRD FLOOR RCP DEMO PLAN
SCALE: 3/32" = 1'-0"

BASE BID:

1. GALLERY SPACE FIRE PROTECTION AND LIGHTING FIXTURE REPLACEMENT IS NOT IN BASE BID CONTRACT.
2. PENETRATE DEMISING PARTITIONS FOR FUTURE FIRE PROTECTION INSTALLATION AND CAP MAINS WITHIN THE GALLERY SPACE.
3. ALL OTHER WORK REMAINS

DEMOLITION REFLECTED CEILING NOTES

DC1	REMOVE SUSPENDED CEILING GRID SYSTEM.
DC2	REMOVE CONCEALED GRID AND TILE.
DC3	REMOVE ACOUSTICAL TILE WHERE INDICATED TO INSTALL SPRINKLER SYSTEM BRANCHES. SEE FIRE PROTECTION DRAWINGS.
DC4	REMOVE SECTIONS OF GYPSUM WALL BOARD CEILING REQUIRED TO FIRE PROTECTION BRANCHES AND SPRINKLER HEADS. SEE FIRE PROTECTION DRAWINGS.
DC5	REMOVE EXISTING LIGHTING FIXTURES, UNLESS OTHERWISE NOTED.
DC6	TEMPORARILY SUPPORT EXISTING SUPPLY AND/OR RETURN DIFFUSER. SEAL AGAINST DUST AND DEBRIS. SEE FIRE PROTECTION DRAWINGS.
DC7	EXISTING LIGHTING FIXTURES, SMOKE DETECTORS/ALARMS, AUDIO SPEAKERS, AND SECURITY CAMERAS TO REMAIN. TEMPORARILY REMOVE OR SUPPORT, PROTECT, AND SEAL AGAINST DUST AND DEBRIS.
DC8	EXISTING CEILING AND WALL MOUNTED SIGNAGE TO REMAIN.

REFLECTED CEILING PLAN LEGEND - DEMO

	DEMO 2'x2', 2'x4', & 1'x1' CEILING GRID AND TILE
	DEMO ACOUSTICAL TILE ONLY
	DEMO GYPSUM BOARD CEILING
	WALL PENETRATIONS NEW/FILL. SEE FIRE PROTECTION DRAWINGS
	RECESSED 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SURFACE MOUNTED 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	RECESSED 2'x2' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SURFACE MOUNTED 2'x2' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	RECESSED TROFFER FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SUSPENDED LIGHT FIXTURE TO BE REMOVED
	EXISTING TRACK LIGHT TO BE REMOVED
	SURFACE MOUNTED ROUND LIGHT FIXTURE TO BE REMOVED
	CEILING OR PENDANT MOUNTED EXIT LIGHT w/DIRECTIONAL ARROWS INDICATED TO REMAIN
	SUPPLY DIFFUSER/RETURN GRILLES TO REMAIN
	EXHAUST FAN TO REMAIN
	SECURITY CAMERA TO REMAIN
S	SMOKE DETECTOR TO REMAIN
SP	SPEAKER TO REMAIN

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ACADEMIC ARTS BUILDING
INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

THIRD FLOOR REFLECTED CEILING PLAN DEMO

PROJECT NO.: 2675-00 SCALE: AS NOTED

DRAWING NO.:

A130

N:\10-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-312) [].\2675-00_Drawings\2675-00_PA_0717 - Reflected Ceiling Plans - Revised Scope.dwg
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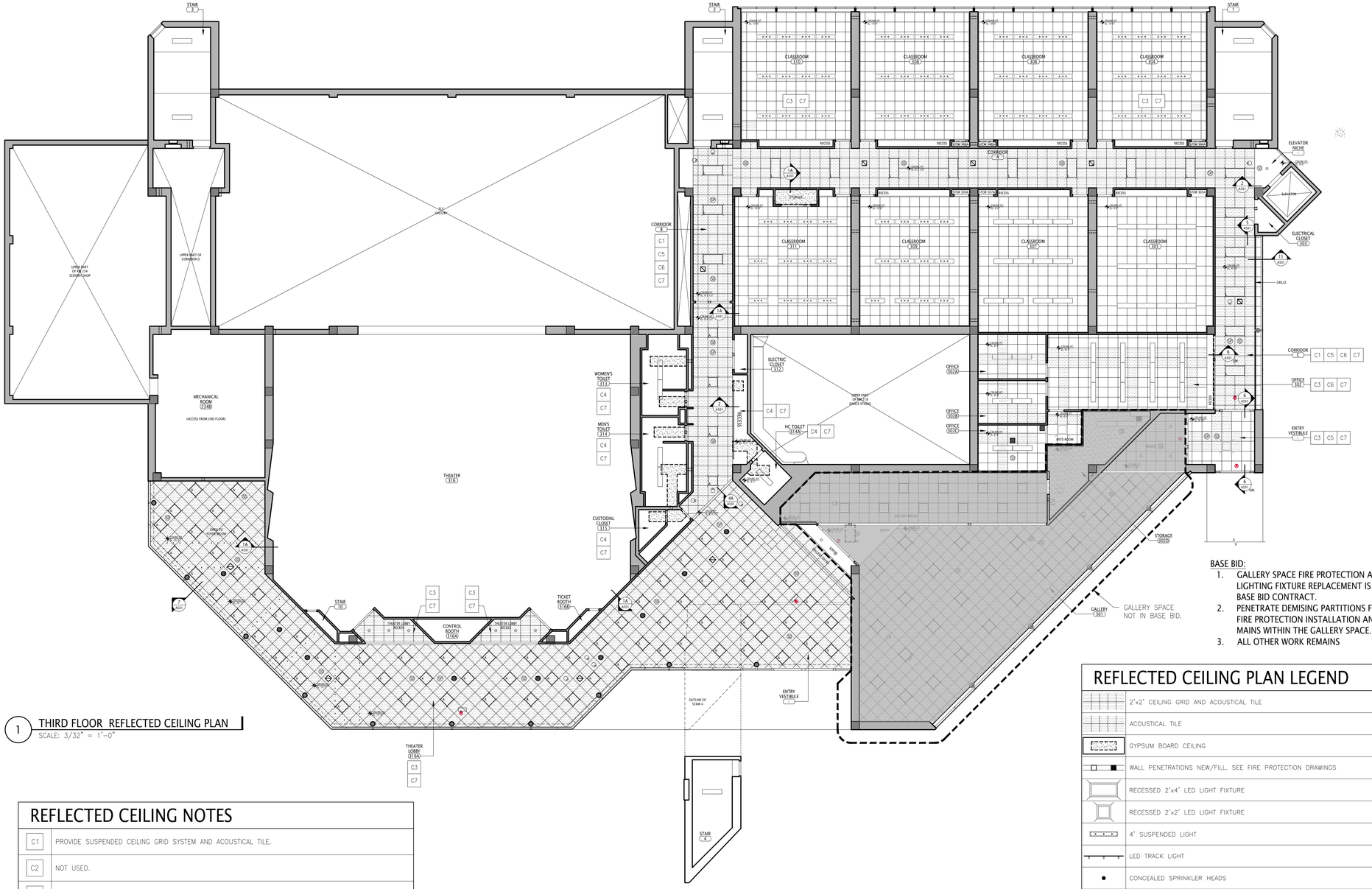
one quarter inch = one foot 0 4 8
three eighths inch = one foot 0 4
one half inch = one foot 0 4
three quarters inch = one foot 0 2
one inch = one foot 0 6" 2



1 THIRD FLOOR REFLECTED CEILING PLAN
SCALE: 3/32" = 1'-0"

BASE BID:

1. GALLERY SPACE FIRE PROTECTION AND LIGHTING FIXTURE REPLACEMENT IS NOT IN BASE BID CONTRACT.
2. PENETRATE DEMISING PARTITIONS FOR FUTURE FIRE PROTECTION INSTALLATION AND CAP MAINS WITHIN THE GALLERY SPACE.
3. ALL OTHER WORK REMAINS

REFLECTED CEILING NOTES

C1	PROVIDE SUSPENDED CEILING GRID SYSTEM AND ACOUSTICAL TILE.
C2	NOT USED.
C3	PROVIDE ACOUSTICAL TILE.
C4	PATCH, REPAIR, AND/OR REPLACE GYPSUM WALL BOARD CEILINGS WHERE DEMOLISHED OR CUT FOR FIRE PROTECTION SYSTEM INSTALLATION. PAINT TO MATCH ADJACENT SURFACES. SEE FIRE PROTECTION PLANS.
C5	PROVIDE LIGHTING AS INDICATED ON PLANS.
C6	RECONNECT EXISTING SUPPLY AND/OR RETURN DIFFUSERS TO NEW GRID SYSTEM.
C7	RECONNECT EXISTING LIGHTING FIXTURES, SMOKE DETECTORS/ALARMS, AUDIO SPEAKERS, AND SECURITY CAMERAS WHERE INDICATED ON THE PLANS.

REFLECTED CEILING PLAN LEGEND

	2'x2' CEILING GRID AND ACOUSTICAL TILE
	ACOUSTICAL TILE
	GYPSUM BOARD CEILING
	WALL PENETRATIONS NEW/FILL. SEE FIRE PROTECTION DRAWINGS
	RECESSED 2'x4' LED LIGHT FIXTURE
	RECESSED 2'x2' LED LIGHT FIXTURE
	4' SUSPENDED LIGHT
	LED TRACK LIGHT
	CONCEALED SPRINKLER HEADS
	UPRIGHT SPRINKLER HEADS
	SIDEWALL SPRINKLER HEADS
	CEILING OR PENDANT MOUNTED EXIT LIGHT w/DIRECTIONAL ARROWS INDICATED TO REMAIN
	SUPPLY DIFFUSER/RETURN GRILLES TO REMAIN
	EXHAUST FAN TO REMAIN
CCV	SECURITY CAMERA TO REMAIN
S	SMOKE DETECTOR TO REMAIN
SP	SPEAKER TO REMAIN

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THIRD FLOOR REFLECTED CEILING PLAN

PROJECT NO.: 2675-00 SCALE: AS NOTED

DRAWING NO.:

A131

N:\10-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-312) [\2675-00_Drawings\2675-00_26_0717 - Reflected Ceiling Plans - Revised Scope.dwg

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one quarter inch = one foot 0 4 8
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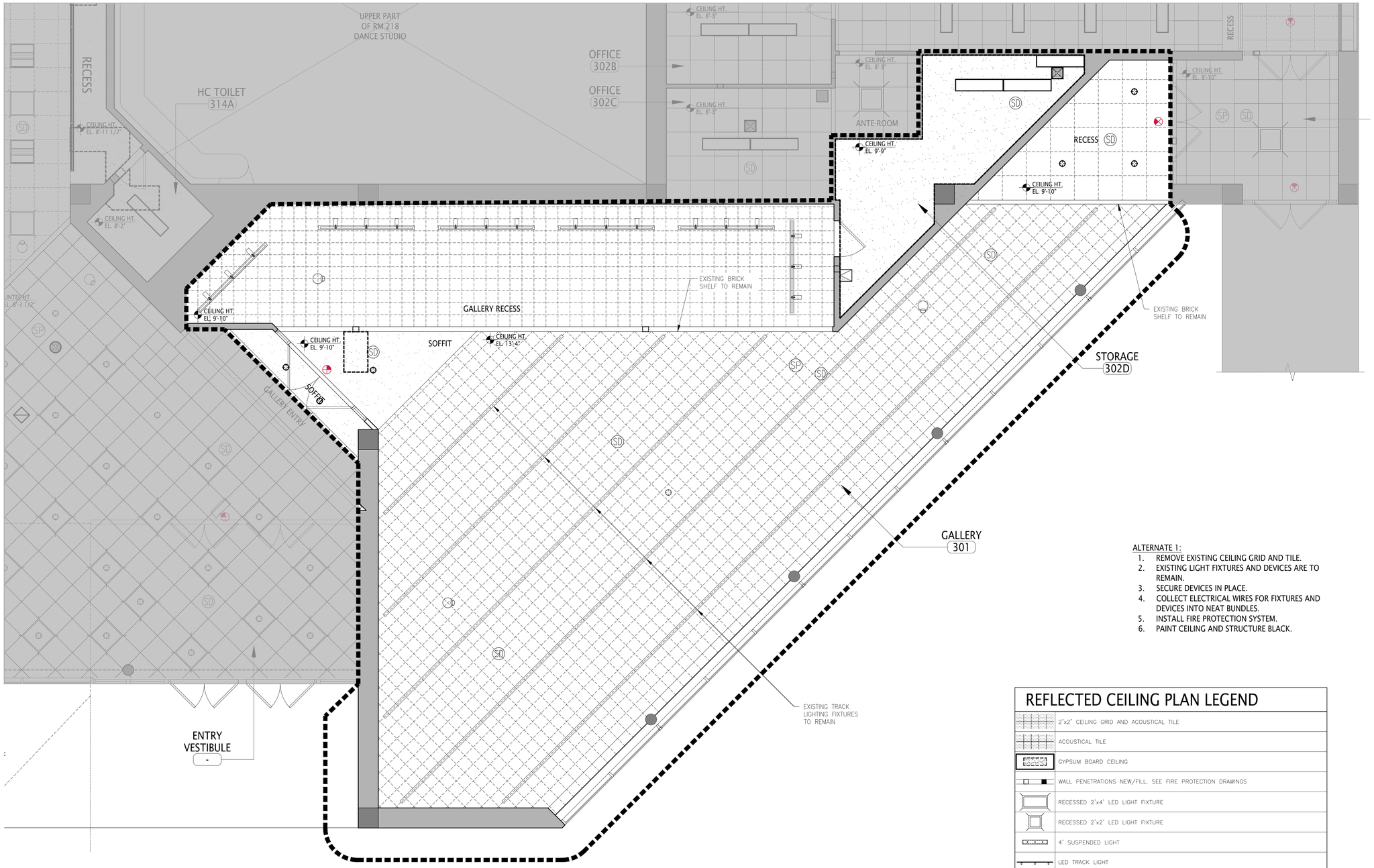

ALTERNATE 1:

1. REMOVE EXISTING CEILING GRID AND TILE.
2. EXISTING LIGHT FIXTURES AND DEVICES ARE TO REMAIN.
3. SECURE DEVICES IN PLACE.
4. COLLECT ELECTRICAL WIRES FOR FIXTURES AND DEVICES INTO NEAT BUNDLES.
5. INSTALL FIRE PROTECTION SYSTEM.
6. PAINT CEILING AND STRUCTURE BLACK.

REFLECTED CEILING PLAN LEGEND

	2'x2' CEILING GRID AND ACOUSTICAL TILE
	ACOUSTICAL TILE
	GYPSUM BOARD CEILING
	WALL PENETRATIONS NEW/FILL. SEE FIRE PROTECTION DRAWINGS
	RECESSED 2'x4' LED LIGHT FIXTURE
	RECESSED 2'x2' LED LIGHT FIXTURE
	4" SUSPENDED LIGHT
	LED TRACK LIGHT
	CONCEALED SPRINKLER HEADS
	UPRIGHT SPRINKLER HEADS
	SIDEWALL SPRINKLER HEADS
	CEILING OR PENDANT MOUNTED EXIT LIGHT w/DIRECTIONAL ARROWS INDICATED TO REMAIN
	SUPPLY DIFFUSER/RETURN GRILLES TO REMAIN
	EXHAUST FAN TO REMAIN
	SECURITY CAMERA TO REMAIN
	SMOKE DETECTOR TO REMAIN
SP	SPEAKER TO REMAIN

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PHASE II

75 GRASSLAND RD
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GALLERY REFLECTED CEILING PLAN DEMO

PROJECT NO.: 2675-00 | SCALE: 3/32"=1'-0"

DRAWING NO.:

A132 Alt1

one eighth inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one half inch = one foot
three quarters inch = one foot
one inch = one foot
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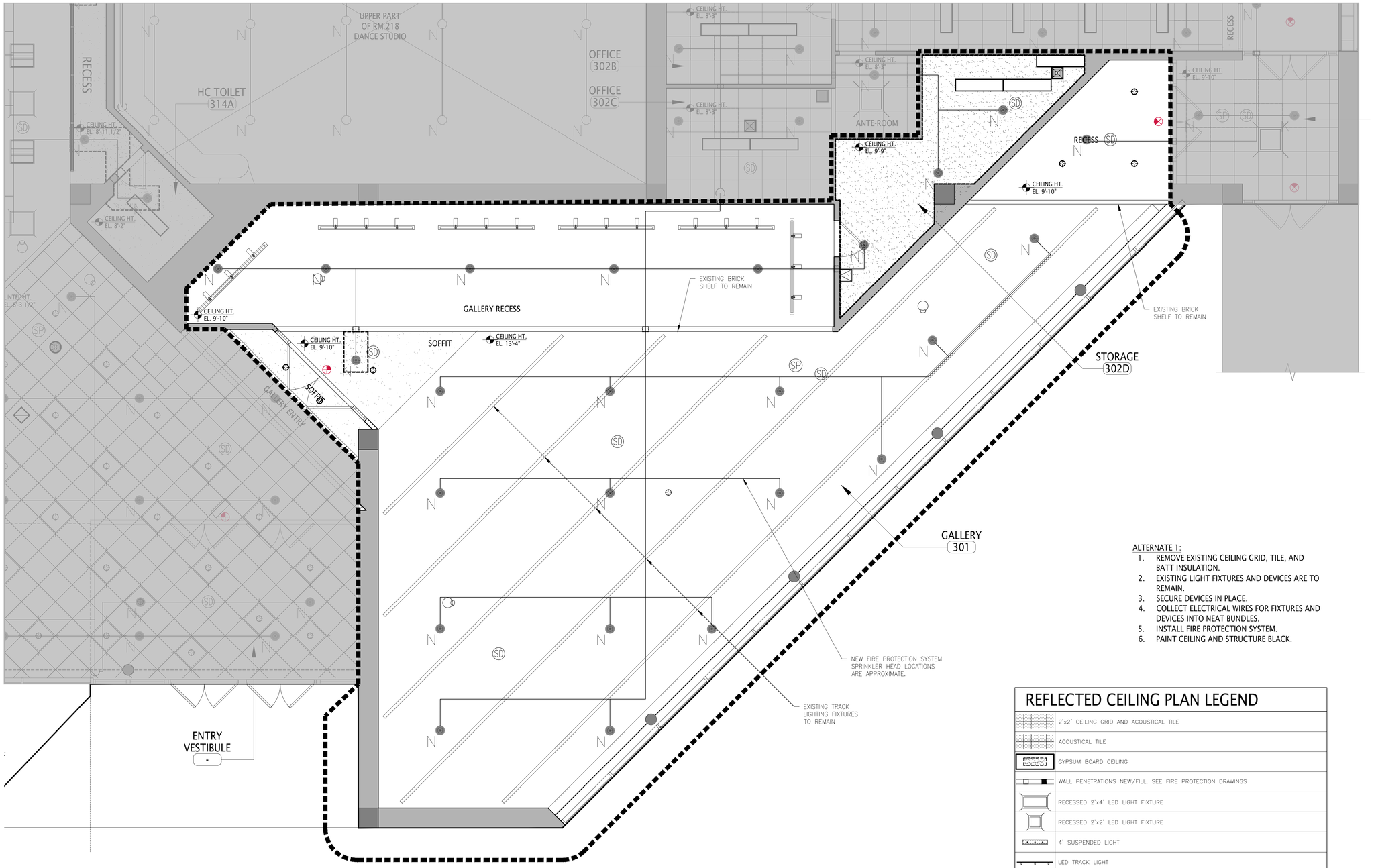

ALTERNATE 1:

1. REMOVE EXISTING CEILING GRID, TILE, AND BATT INSULATION.
2. EXISTING LIGHT FIXTURES AND DEVICES ARE TO REMAIN.
3. SECURE DEVICES IN PLACE.
4. COLLECT ELECTRICAL WIRES FOR FIXTURES AND DEVICES INTO NEAT BUNDLES.
5. INSTALL FIRE PROTECTION SYSTEM.
6. PAINT CEILING AND STRUCTURE BLACK.

REFLECTED CEILING PLAN LEGEND

	2'x2' CEILING GRID AND ACOUSTICAL TILE
	ACOUSTICAL TILE
	GYPSUM BOARD CEILING
	WALL PENETRATIONS NEW/FILL. SEE FIRE PROTECTION DRAWINGS
	RECESSED 2'x4' LED LIGHT FIXTURE
	RECESSED 2'x2' LED LIGHT FIXTURE
	4" SUSPENDED LIGHT
	LED TRACK LIGHT
	CONCEALED SPRINKLER HEADS
	UPRIGHT SPRINKLER HEADS
	SIDEWALL SPRINKLER HEADS
	CEILING OR PENDANT MOUNTED EXIT LIGHT w/DIRECTIONAL ARROWS INDICATED TO REMAIN
	SUPPLY DIFFUSER/RETURN GRILLES TO REMAIN
	EXHAUST FAN TO REMAIN
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S	SMOKE DETECTOR TO REMAIN
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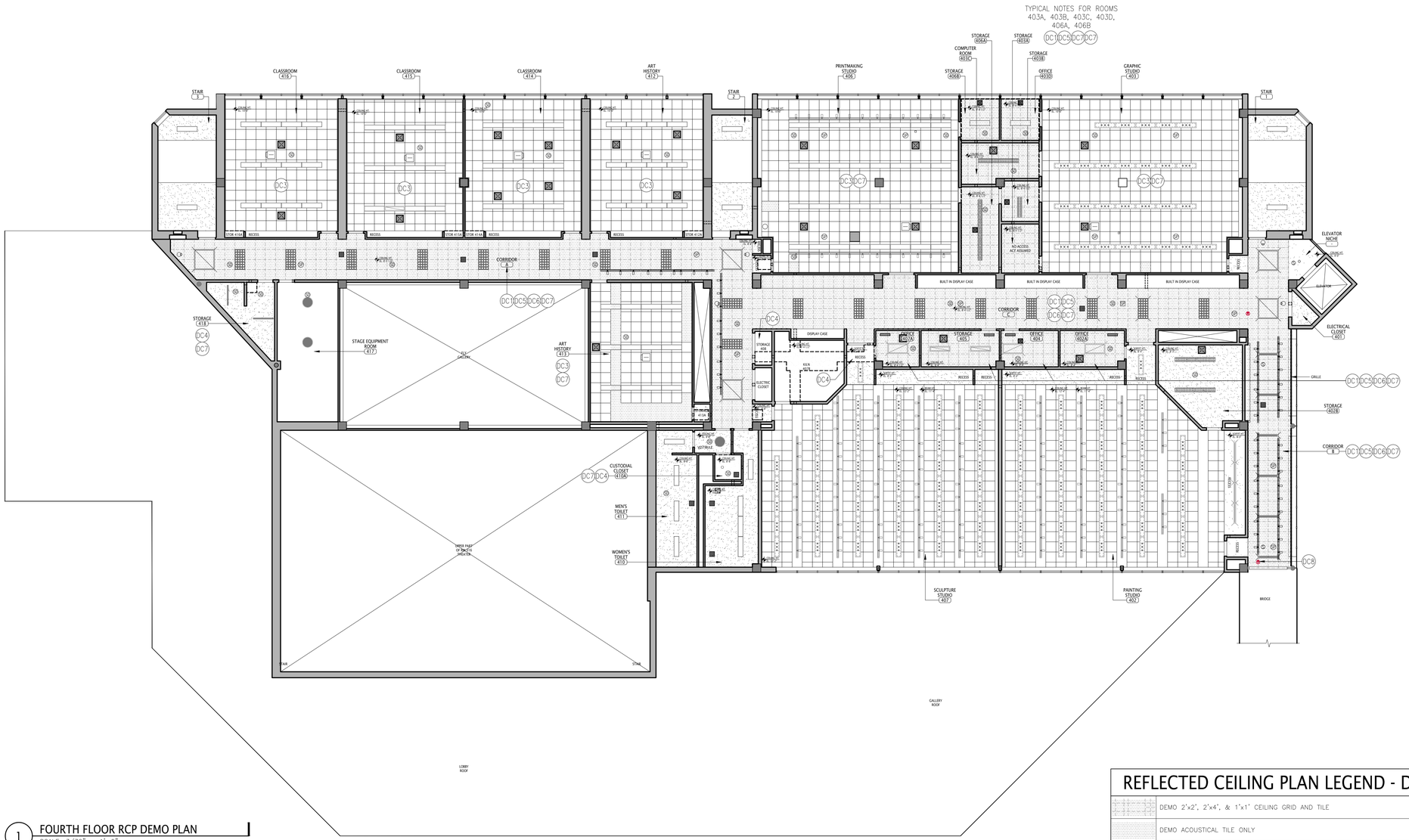
GALLERY REFLECTED CEILING PLAN

PROJECT NO.: 2675-00 SCALE: 3/32"=1'-0"

DRAWING NO.:

A133 Alt1

N:\VA-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-392) [\2675-00_Drawings\2675-00_26_0717 - Reflected Ceiling Plans - Revised Scope.dwg
one eighth inch = one foot one quarter inch = one foot one half inch = one foot three quarters inch = one foot one inch = one foot



1 FOURTH FLOOR RCP DEMO PLAN
SCALE: 3/32" = 1'-0"

DEMOLITION REFLECTED CEILING NOTES

DC1	REMOVE SUSPENDED CEILING GRID SYSTEM.
DC2	REMOVE CONCEALED GRID AND TILE.
DC3	REMOVE ACOUSTICAL TILE WHERE INDICATED TO INSTALL SPRINKLER SYSTEM BRANCHES. SEE FIRE PROTECTION DRAWINGS.
DC4	REMOVE SECTIONS OF GYPSUM WALL BOARD CEILING REQUIRED TO FIRE PROTECTION BRANCHES AND SPRINKLER HEADS. SEE FIRE PROTECTION DRAWINGS.
DC5	REMOVE EXISTING LIGHTING FIXTURES, UNLESS OTHERWISE NOTED.
DC6	TEMPORARILY SUPPORT EXISTING SUPPLY AND/OR RETURN DIFFUSER. SEAL AGAINST DUST AND DEBRIS. SEE FIRE PROTECTION DRAWINGS.
DC7	EXISTING LIGHTING FIXTURES, SMOKE DETECTORS/ALARMS, AUDIO SPEAKERS, AND SECURITY CAMERAS TO REMAIN. TEMPORARILY REMOVE OR SUPPORT, PROTECT, AND SEAL AGAINST DUST AND DEBRIS.
DC8	EXISTING CEILING AND WALL MOUNTED SIGNAGE TO REMAIN.

REFLECTED CEILING PLAN LEGEND - DEMO

	DEMO 2'x2', 2'x4', & 1'x1' CEILING GRID AND TILE
	DEMO ACOUSTICAL TILE ONLY
	DEMO GYPSUM BOARD CEILING
	WALL PENETRATIONS NEW/FILL. SEE FIRE PROTECTION DRAWINGS
	RECESSED 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SURFACE MOUNTED 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	RECESSED 2'x2' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SURFACE MOUNTED 2'x2' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	RECESSED TROFFER FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SUSPENDED LIGHT FIXTURE TO BE REMOVED
	EXISTING TRACK LIGHT TO BE REMOVED
	SURFACE MOUNTED ROUND LIGHT FIXTURE TO BE REMOVED
	CEILING OR PENDANT MOUNTED EXIT LIGHT w/DIRECTIONAL ARROWS INDICATED TO REMAIN
	SUPPLY DIFFUSER/RETURN GRILLES TO REMAIN
	EXHAUST FAN TO REMAIN
CCTV	SECURITY CAMERA TO REMAIN
S	SMOKE DETECTOR TO REMAIN
SP	SPEAKER TO REMAIN

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TYPICAL NOTES FOR ROOMS 402A, 404, 405, 407A

SUNY WESTCHESTER COMMUNITY COLLEGE

ISSUE NO.	ISSUE DATE	DESCRIPTION
1	07-17-2026	ISSUED FOR BID

WESTCHESTER COMMUNITY COLLEGE

ACADEMIC ARTS BUILDING
INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

FOURTH FLOOR REFLECTED CEILING PLAN DEMO

PROJECT NO.: 2675-00 SCALE: AS NOTED

DRAWING NO.:

A140

N:\10-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-312 [])\2675-00_Drawings\2675-00_26_0717 - Reflected Ceiling Plans - Revised Scope.dwg
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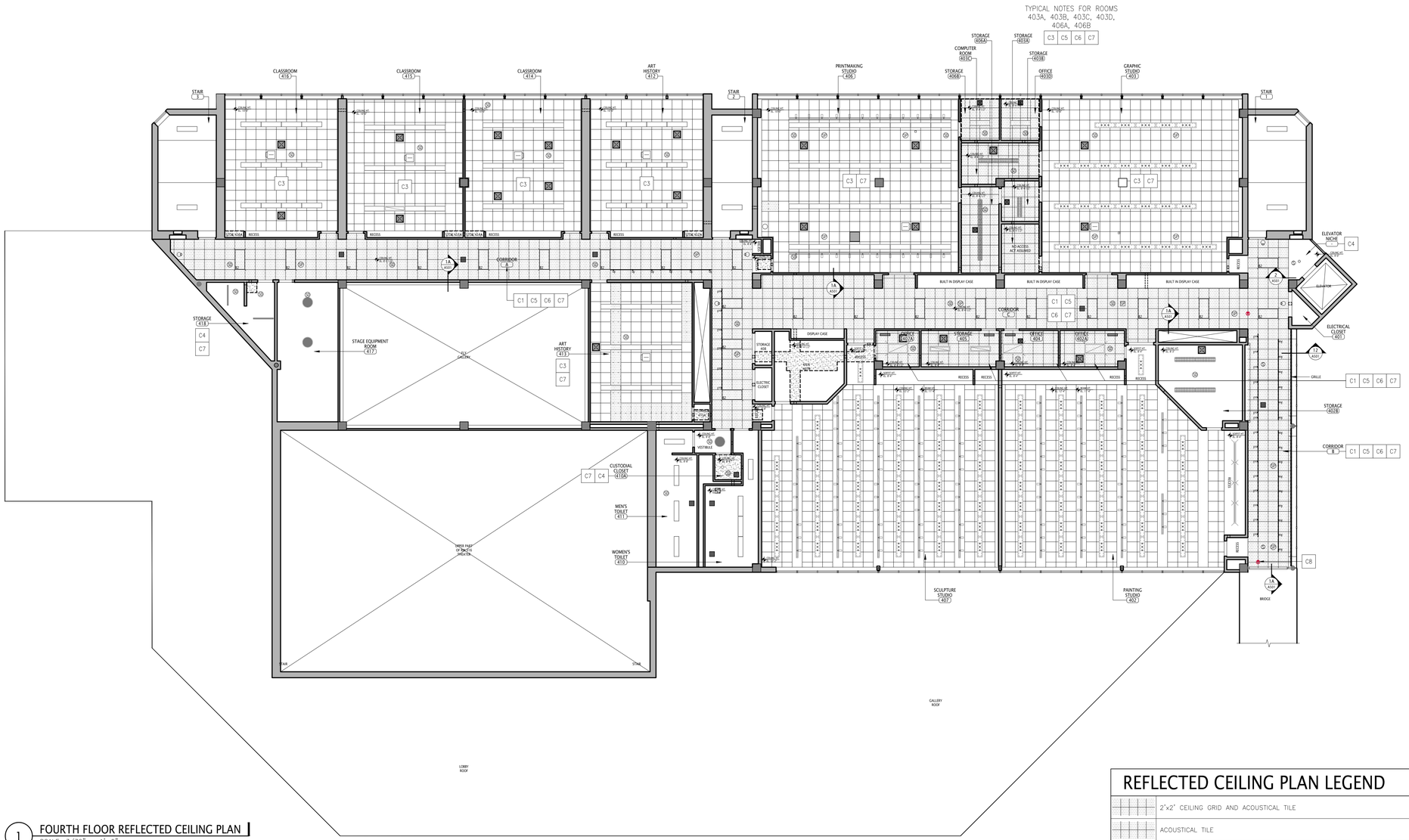

1 FOURTH FLOOR REFLECTED CEILING PLAN
SCALE: 3/32" = 1'-0"

REFLECTED CEILING NOTES

C1	PROVIDE SUSPENDED CEILING GRID SYSTEM AND ACOUSTICAL TILE.
C2	NOT USED.
C3	PROVIDE ACOUSTICAL TILE.
C4	PATCH, REPAIR, AND/OR REPLACE GYPSUM WALL BOARD CEILINGS WHERE DEMOLISHED OR CUT FOR FIRE PROTECTION SYSTEM INSTALLATION. PAINT TO MATCH ADJACENT SURFACES. SEE FIRE PROTECTION PLANS.
C5	PROVIDE LIGHTING AS INDICATED ON PLANS.
C6	RECONNECT EXISTING SUPPLY AND/OR RETURN DIFFUSERS TO NEW GRID SYSTEM.
C7	RECONNECT EXISTING LIGHTING FIXTURES, SMOKE DETECTORS/ALARMS, AUDIO SPEAKERS, AND SECURITY CAMERAS WHERE INDICATED ON THE PLANS.

REFLECTED CEILING PLAN LEGEND

	2'x2' CEILING GRID AND ACOUSTICAL TILE
	ACOUSTICAL TILE
	GYPSUM BOARD CEILING
	WALL PENETRATIONS NEW/FILL. SEE FIRE PROTECTION DRAWINGS
	RECESSED 2'x4' LED LIGHT FIXTURE
	RECESSED 2'x2' LED LIGHT FIXTURE
	4' SUSPENDED LIGHT
	LED TRACK LIGHT
	CONCEALED SPRINKLER HEADS
	UPRIGHT SPRINKLER HEADS
	SIDEWALL SPRINKLER HEADS
	CEILING OR PENDANT MOUNTED EXIT LIGHT w/DIRECTIONAL ARROWS INDICATED TO REMAIN
	SUPPLY DIFFUSER/RETURN GRILLES TO REMAIN
	EXHAUST FAN TO REMAIN
	SECURITY CAMERA TO REMAIN
	SMOKE DETECTOR TO REMAIN
SP	SPEAKER TO REMAIN

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TYPICAL NOTES FOR ROOMS
402A, 404, 405, 407A

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INFRASTRUCTURE UPGRADES
PHASE II

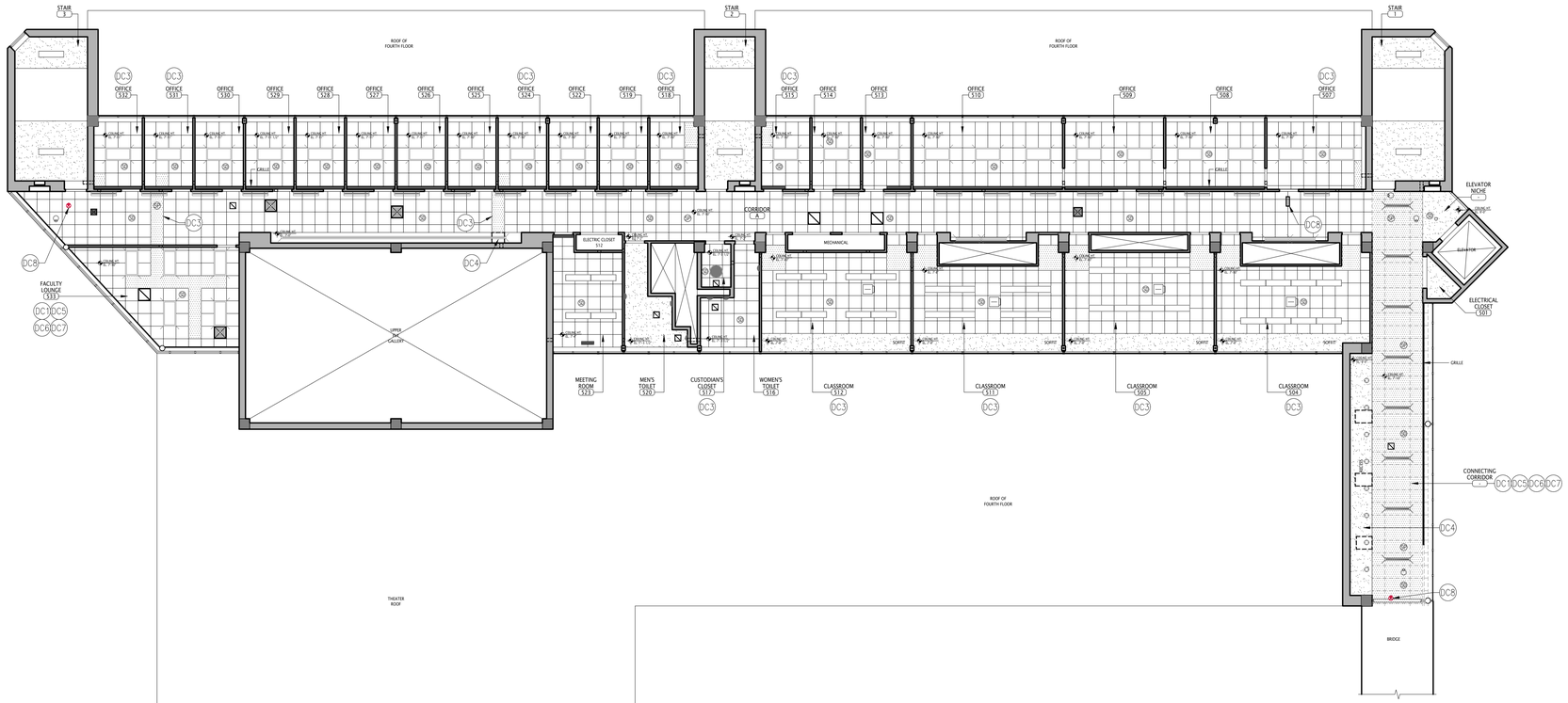
75 GRASSLAND RD
VALHALLA, NY 10595

FOURTH FLOOR REFLECTED CEILING PLAN

PROJECT NO.: 2675-00
SCALE: AS NOTED
DRAWING NO.:

A141

N:\10-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-312) [ ]\2675-00_Drawings\2675-00_26_0717 - Reflected Ceiling Plans - Revised Scope.dwg
one eighth inch = one foot 0 4 8 16
one quarter inch = one foot 0 4 8
three eighths inch = one foot 0 4
one half inch = one foot 0 4
three quarters inch = one foot 0 2
one inch = one foot 0 6" 2



1 FIFTH FLOOR RCP DEMO PLAN
SCALE: 3/32" = 1'-0"

DEMOLITION REFLECTED CEILING NOTES

DC1	REMOVE SUSPENDED CEILING GRID SYSTEM.
DC2	REMOVE CONCEALED GRID AND TILE.
DC3	REMOVE ACOUSTICAL TILE WHERE INDICATED TO INSTALL SPRINKLER SYSTEM BRANCHES. SEE FIRE PROTECTION DRAWINGS.
DC4	REMOVE SECTIONS OF GYPSUM WALL BOARD CEILING REQUIRED TO FIRE PROTECTION BRANCHES AND SPRINKLER HEADS. SEE FIRE PROTECTION DRAWINGS.
DC5	REMOVE EXISTING LIGHTING FIXTURES, UNLESS OTHERWISE NOTED.
DC6	TEMPORARILY SUPPORT EXISTING SUPPLY AND/OR RETURN DIFFUSER. SEAL AGAINST DUST AND DEBRIS. SEE FIRE PROTECTION DRAWINGS.
DC7	EXISTING LIGHTING FIXTURES, SMOKE DETECTORS/ALARMS, AUDIO SPEAKERS, AND SECURITY CAMERAS TO REMAIN. TEMPORARILY REMOVE OR SUPPORT, PROTECT, AND SEAL AGAINST DUST AND DEBRIS.
DC8	EXISTING CEILING AND WALL MOUNTED SIGNAGE TO REMAIN.

REFLECTED CEILING PLAN LEGEND - DEMO

	DEMO 2'x2', 2'x4', & 1'x1' CEILING GRID AND TILE
	DEMO ACOUSTICAL TILE ONLY
	DEMO GYPSUM BOARD CEILING
	WALL PENETRATIONS NEW/FILL. SEE FIRE PROTECTION DRAWINGS
	RECESSED 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SURFACE MOUNTED 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	RECESSED 2'x2' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SURFACE MOUNTED 2'x2' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	RECESSED TROFFER FLUORESCENT LIGHT FIXTURE TO BE REMOVED
	SUSPENDED LIGHT FIXTURE TO BE REMOVED
	EXISTING TRACK LIGHT TO BE REMOVED
	SURFACE MOUNTED ROUND LIGHT FIXTURE TO BE REMOVED
	CEILING OR PENDANT MOUNTED EXIT LIGHT w/DIRECTIONAL ARROWS INDICATED TO REMAIN
	SUPPLY DIFFUSER/RETURN GRILLES TO REMAIN
	EXHAUST FAN TO REMAIN
	SECURITY CAMERA TO REMAIN
S	SMOKE DETECTOR TO REMAIN
SP	SPEAKER TO REMAIN

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75 GRASSLAND RD
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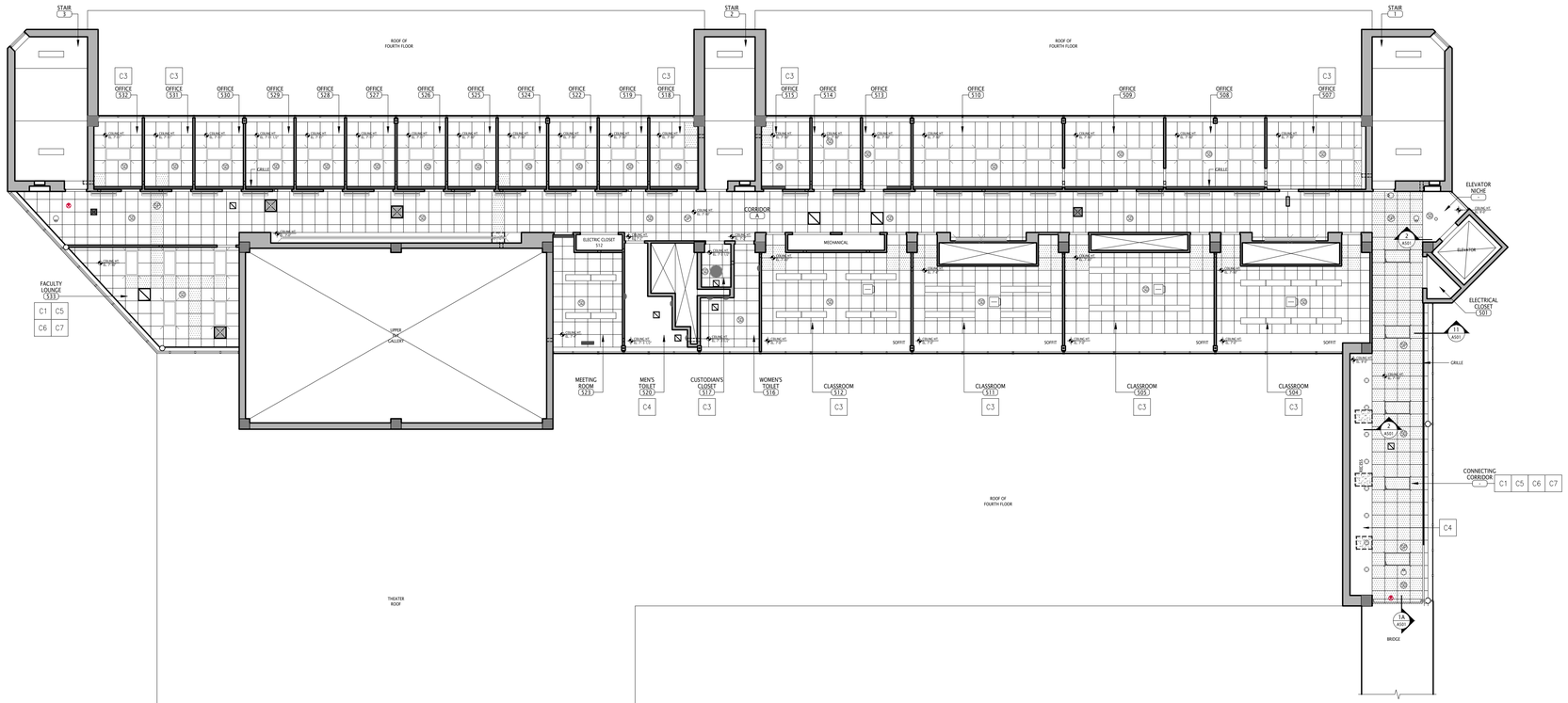
FIFTH FLOOR REFLECTED CEILING PLAN DEMO

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

A150

N:\10-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-312) [1]\2675-00_Drawings\2675-00_26_0717 - Reflected Ceiling Plans - Revised Scope.dwg
one eighth inch = one foot 0 4 8 16
one quarter inch = one foot 0 4 8
three eighths inch = one foot 0 4 8
one half inch = one foot 0 4
three quarters inch = one foot 0 6" 2
one inch = one foot 0 6" 2



1 FIFTH FLOOR REFLECTED CEILING PLAN
SCALE: 3/32" = 1'-0"

REFLECTED CEILING NOTES

C1	PROVIDE SUSPENDED CEILING GRID SYSTEM AND ACOUSTICAL TILE.
C2	NOT USED.
C3	PROVIDE ACOUSTICAL TILE.
C4	PATCH, REPAIR, AND/OR REPLACE GYPSUM WALL BOARD CEILINGS WHERE DEMOLISHED OR CUT FOR FIRE PROTECTION SYSTEM INSTALLATION. PAINT TO MATCH ADJACENT SURFACES. SEE FIRE PROTECTION PLANS.
C5	PROVIDE LIGHTING AS INDICATED ON PLANS.
C6	RECONNECT EXISTING SUPPLY AND/OR RETURN DIFFUSERS TO NEW GRID SYSTEM.
C7	RECONNECT EXISTING LIGHTING FIXTURES, SMOKE DETECTORS/ALARMS, AUDIO SPEAKERS, AND SECURITY CAMERAS WHERE INDICATED ON THE PLANS.

REFLECTED CEILING PLAN LEGEND

	2'x2' CEILING GRID AND ACOUSTICAL TILE
	ACOUSTICAL TILE
GYPSUM	GYPSUM BOARD CEILING
	WALL PENETRATIONS NEW/FILL. SEE FIRE PROTECTION DRAWINGS
	RECESSED 2'x4' LED LIGHT FIXTURE
	RECESSED 2'x2' LED LIGHT FIXTURE
	4' SUSPENDED LIGHT
	LED TRACK LIGHT
	CONCEALED SPRINKLER HEADS
	UPRIGHT SPRINKLER HEADS
	SIDEWALL SPRINKLER HEADS
	CEILING OR PENDANT MOUNTED EXIT LIGHT w/DIRECTIONAL ARROWS INDICATED TO REMAIN
	SUPPLY DIFFUSER/RETURN GRILLES TO REMAIN
	EXHAUST FAN TO REMAIN
	SECURITY CAMERA TO REMAIN
S	SMOKE DETECTOR TO REMAIN
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FIFTH FLOOR REFLECTED CEILING PLAN

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

A151

N:\10-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-312) [1]\2675-00_Drawings\2675-00_26_0717 - Reflected Ceiling Plans - Revised Scope.dwg
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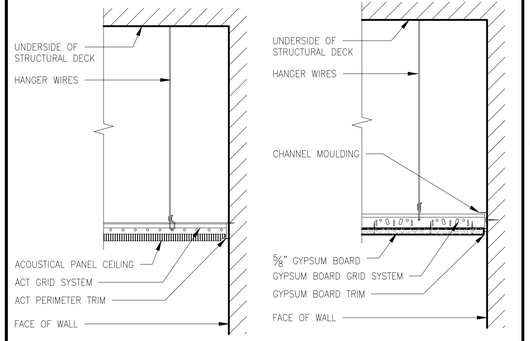
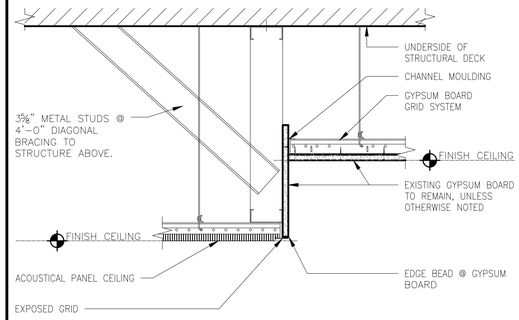
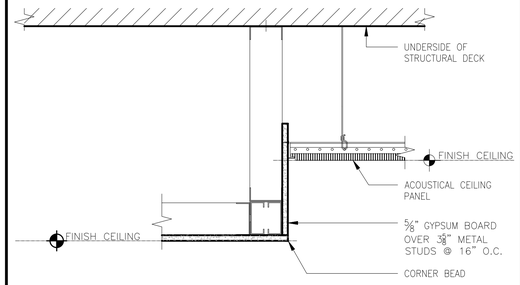


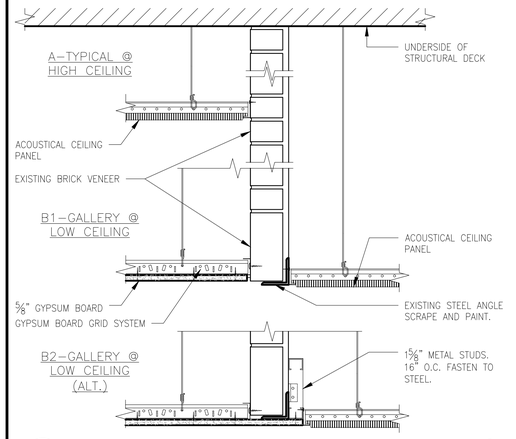
1 DETAIL @ CEILING EDGE (TYPICAL)
SCALE: 1-1/2" = 1'-0"



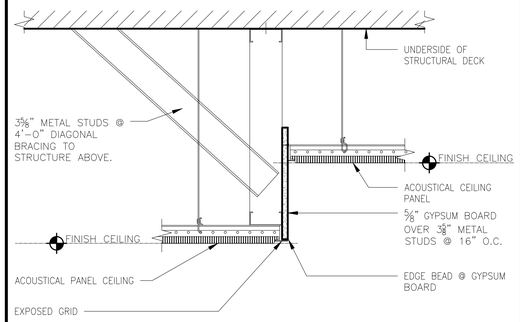
2 DETAIL @ ACOUSTICAL CEILING TO DRYWALL SOFFIT
SCALE: 1-1/2" = 1'-0"



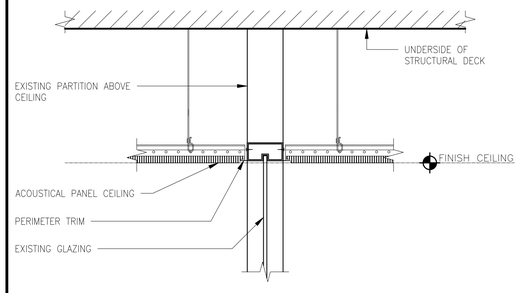
3 DETAIL @ ACOUSTICAL CEILING TO DRYWALL SOFFIT
SCALE: 1-1/2" = 1'-0"



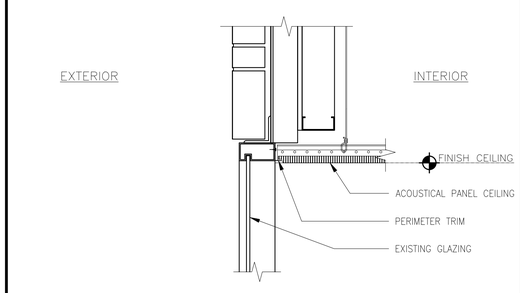
4 DETAIL @ STEEL BRICK SHELF
SCALE: 1-1/2" = 1'-0"



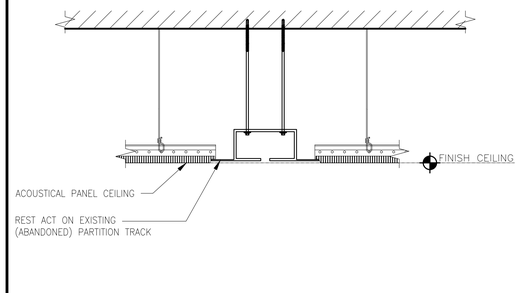
5 DETAIL @ ACOUSTICAL CEILING TO DRYWALL SOFFIT - HIGH/LOW
SCALE: 1-1/2" = 1'-0"



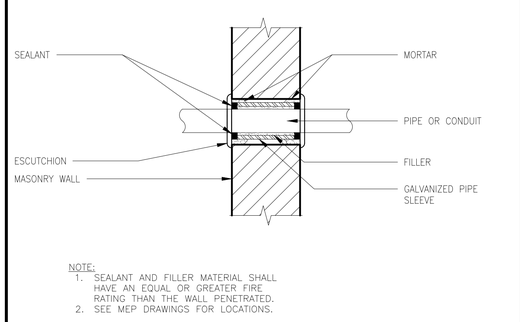
6 DETAIL @ GLAZING HEAD
SCALE: 1-1/2" = 1'-0"



7 DETAIL @ LOBBY & GALLERY EXTERIOR GLAZING
SCALE: 1-1/2" = 1'-0"

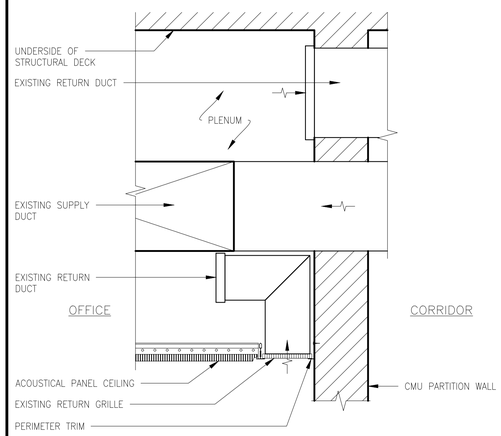


8 DETAIL @ GREEN ROOM 210 PARTITION TRACK
SCALE: 1-1/2" = 1'-0"

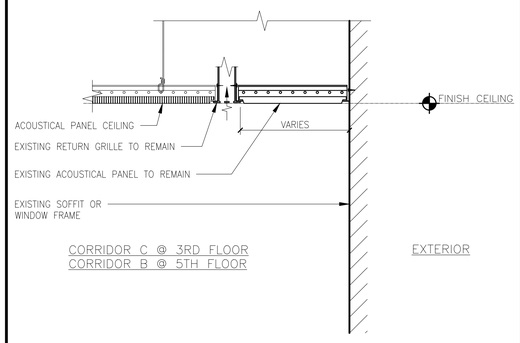


NOTE:
1. SEALANT AND FILLER MATERIAL SHALL HAVE AN EQUAL OR GREATER FIRE RATING THAN THE WALL PENETRATED.
2. SEE MEP DRAWINGS FOR LOCATIONS.

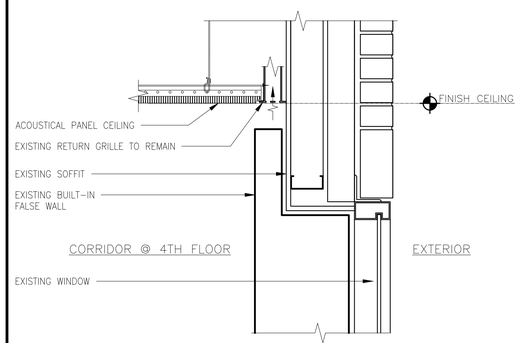
9 DETAIL @ WALL PENETRATION (TYPICAL)
SCALE: 1-1/2" = 1'-0"



10 DETAIL @ EXISTING PERIMETER CEILING GRILLE (TYPICAL OFFICE)
SCALE: 1-1/2" = 1'-0"



11 DETAIL @ CEILING GRILLE @ CORRIDOR TO SCIENCE BUILDING
SCALE: 1-1/2" = 1'-0"



12 DETAIL @ CEILING GRILLE @ CORRIDOR TO SCIENCE BUILDING
SCALE: 1-1/2" = 1'-0"

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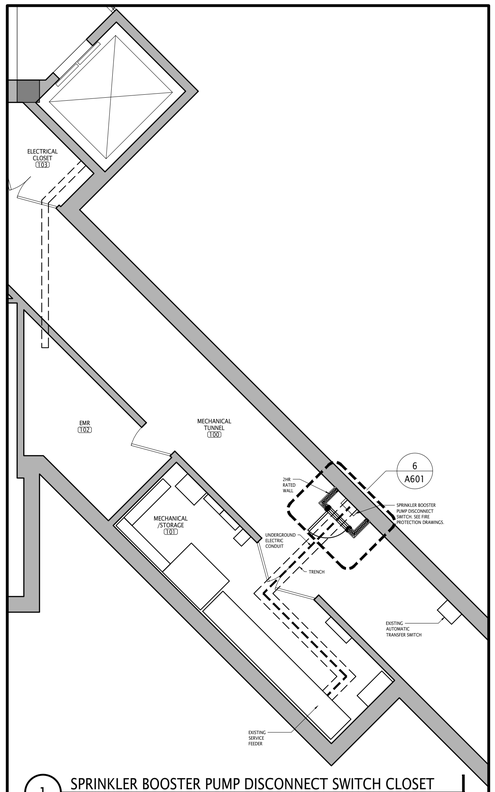
MISCELLANEOUS DETAILS

PROJECT NO.:	2675-00	SCALE:	1/16"=1'-0"

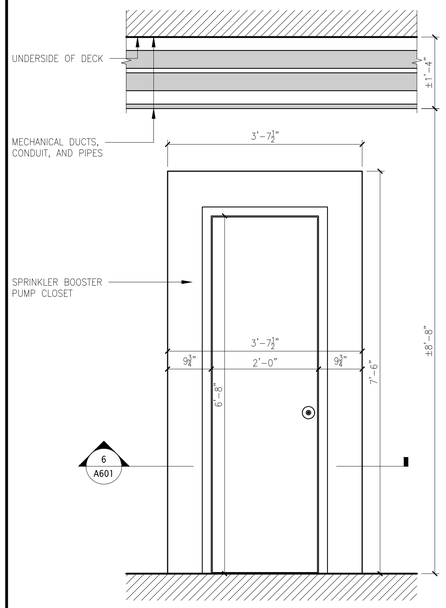
DRAWING NO.:

A501

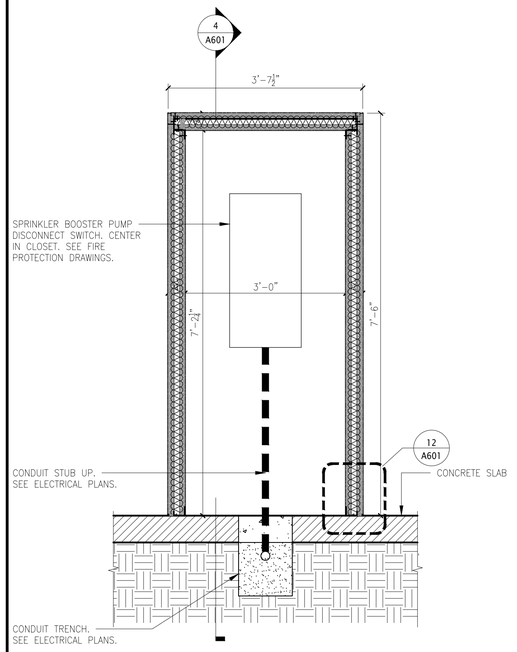
one inch = one foot
three quarter inch = one foot
one half inch = one foot
one eighth inch = one foot
N:\VA-BRICKMAN\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (25-26)\[2675-00_Drawings.pln]2675-00_Drawings - Detailing



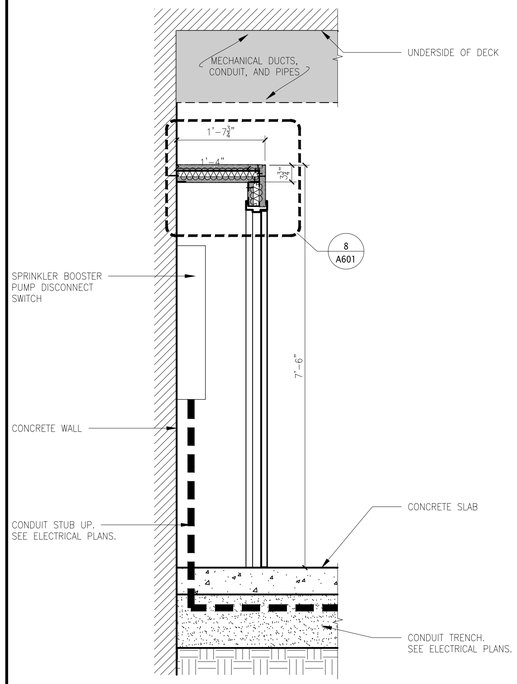
1 SPRINKLER BOOSTER PUMP DISCONNECT SWITCH CLOSET
SCALE: 3/16" = 1'-0"



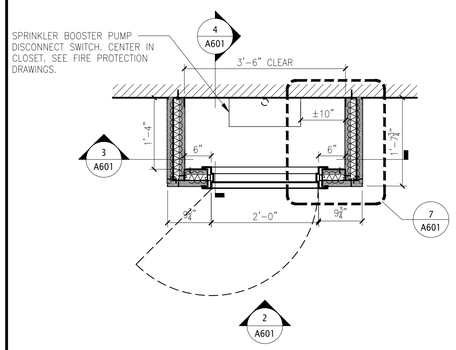
2 ELEVATION - 2HR RATED CLOSET (UL DESIGN U415)
SCALE: 3/4" = 1'-0"



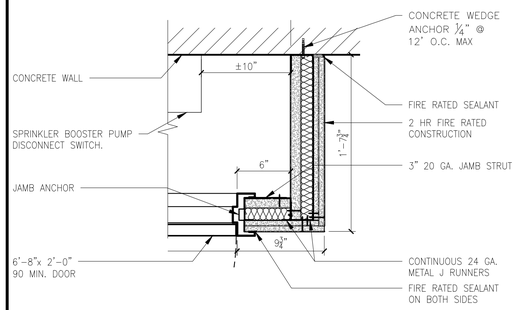
3 ELEVATION - 2HR RATED CLOSET (UL DESIGN U415)
SCALE: 3/4" = 1'-0"



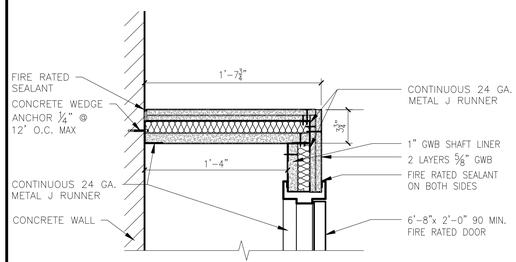
4 SECTION - 2HR RATED CLOSET (UL DESIGN U415)
SCALE: 3/4" = 1'-0"



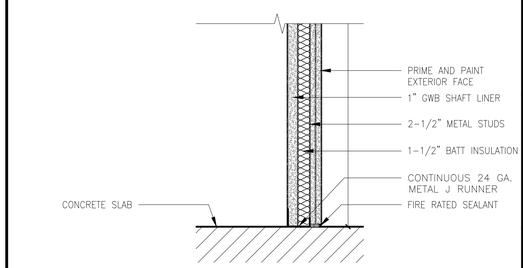
6 PLAN - 2HR RATED CLOSET (UL DESIGN U415)
SCALE: 3/4" = 1'-0"



7 DETAIL - 2HR RATED CLOSET (UL DESIGN U415)
SCALE: 1-1/2" = 1'-0"



8 DETAIL - 2HR RATED CLOSET (UL DESIGN U415)
SCALE: 1-1/2" = 1'-0"



12 DETAIL - 2HR RATED CLOSET (UL DESIGN U415)
SCALE: 1-1/2" = 1'-0"

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ISSUE NO.	ISSUE DATE	DESCRIPTION
1	07-17-2026	ISSUED FOR BID

WESTCHESTER COMMUNITY COLLEGE

ACADEMIC ARTS BUILDING
INFRASTRUCTURE UPGRADES
PHASE II

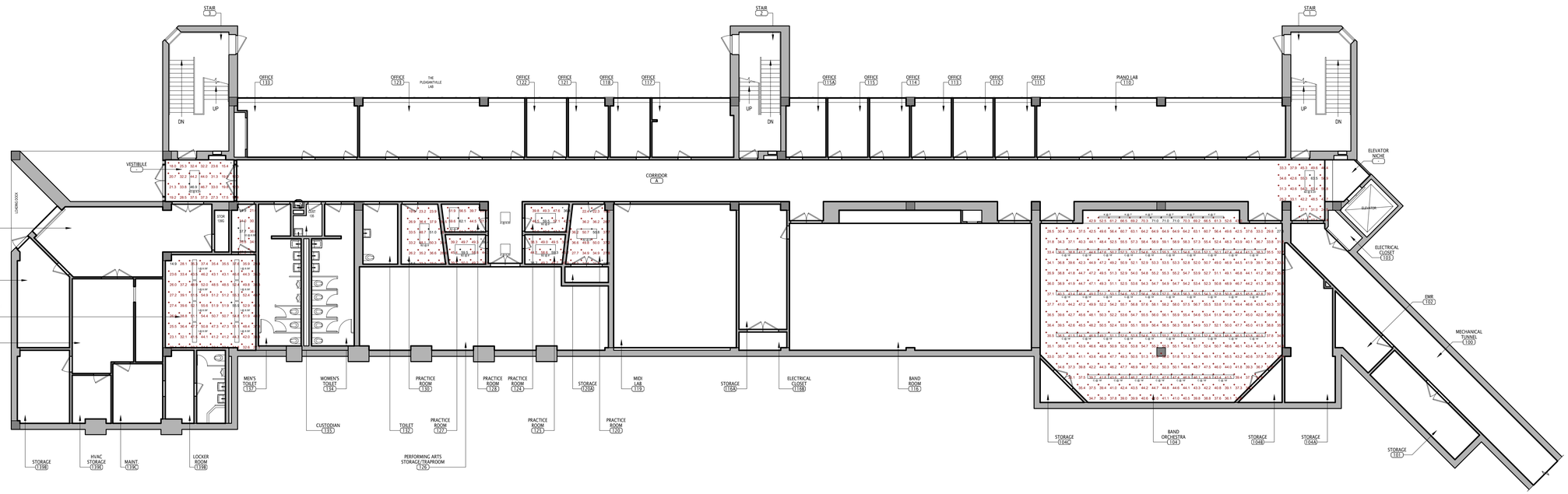
75 GRASSLAND RD
VALHALLA, NY 10595

MECHANICAL CLOSET DETAILS

PROJECT NO.: 2675-00
SCALE: 1/16"=1'-0"

DRAWING NO.:
A601

one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



1 FIRST FLOOR PHOTOMETRIC PLAN
SCALE: 3/32" = 1'-0"

Note

1. Calcs taken at 2.5ft
2. Fixtures mounted at height listed on drawing
3. Reflectances assumed at 80/50/20
4. Calculations are estimations based on the information provided and may vary with actual conditions

Designer: Josh Geiger
Date: 12/08/2025

illuminations

Schedule

Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Number Lamps	Lumens per Lamp	LLF	Wattage
	A	2	Lithonia Lighting	CPX 2X2 3200LM 80 35K SWL MVOLT	CPX 2X2, 3200 Lumens, 80 CRI, 3500K, Satin White Lens, 120-277	1	3668	0.95	30.1
	B2	8	Lithonia Lighting	CPX 2X4 4000LM 80 35K SWL MVOLT	CPX 2X4, 4000 Lumens, 80 CRI, 3500K, Satin White Lens, 120-277	1	4817	0.95	36.69
	C	37	Lithonia Lighting	GRD MSL4 80CRI 35K ID800LMF 80/20	GRAD 4FT 80CRI 3500K 800 LMF 80/20	1	3925	0.95	19.66
	I	8	Lithonia Lighting	CPX 1X4 2000LM 80CRI 35K SWL MVOLT	CPX 1X4, 2000 Lumens, 80 CRI, 3500K, Satin White Lens, 120-277	1	2100	1	17.18
	I2	1	Lithonia Lighting	CPX 1X4 3200LM 80CRI 35K SWL MVOLT	CPX 1X4, 3200 Lumens, 80 CRI, 3500K, Satin White Lens, 120-277	1	3313	1	29.3
	K	6	Mark Architectural Lighting	SL4L 4 FLP 80CRI 35K 400LMF	Slot 4 LED, 4ft Length, Flushed Lens Position, 80CRI, 3500K LED Boards, 400LMF	1	1259	1	13.82

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
138 VESTIBULE	+	30.2 fc	37.7 fc	19.9 fc	1.9:1	1.5:1
BAND ORCHESTRA 104	+	47.3 fc	71.0 fc	27.8 fc	2.6:1	1.7:1
CORRIDOR A	+	24.8 fc	63.5 fc	6.5 fc	9.8:1	3.8:1
PERCUSSION ROOM 138	+	41.1 fc	55.9 fc	14.9 fc	3.8:1	2.8:1
PRACTICE ROOM 120	+	32.7 fc	50.8 fc	18.8 fc	2.7:1	1.7:1
PRACTICE ROOM 124	+	46.0 fc	59.5 fc	36.4 fc	1.6:1	1.3:1
PRACTICE ROOM 125	+	46.7 fc	59.3 fc	38.2 fc	1.6:1	1.2:1
PRACTICE ROOM 127	+	46.8 fc	59.5 fc	38.4 fc	1.5:1	1.2:1
PRACTICE ROOM 128	+	44.3 fc	62.1 fc	24.2 fc	2.6:1	1.8:1
PRACTICE ROOM 130	+	32.4 fc	51.0 fc	18.5 fc	2.8:1	1.8:1
VESTIBULE	+	26.9 fc	46.9 fc	10.4 fc	4.5:1	2.6:1

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PHASE II

75 GRASSLAND RD
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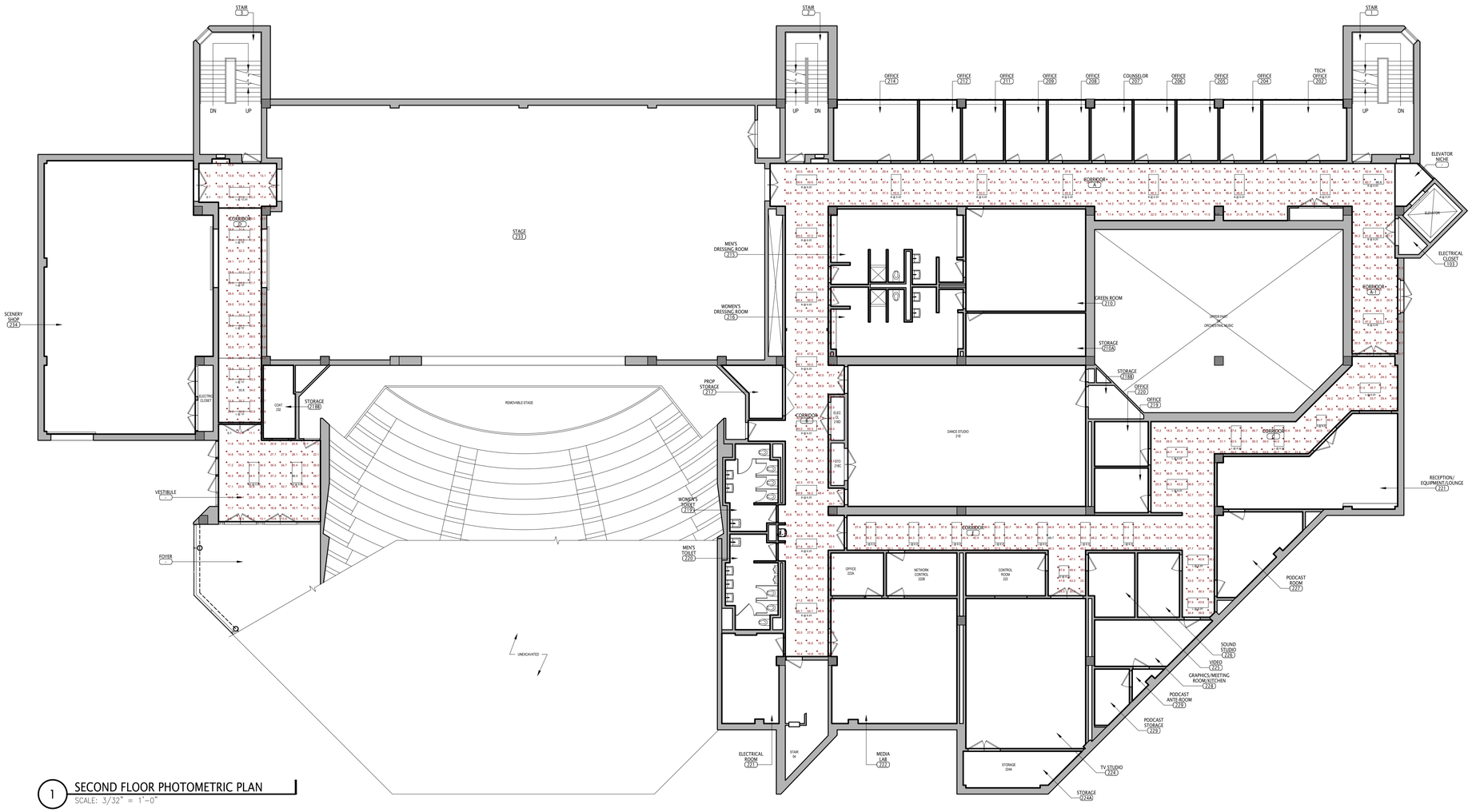
FIRST FLOOR PHOTOMETRIC PLAN AND SCHEDULE

PROJECT NO.: 2675-00
SCALE: AS NOTED

DRAWING NO.:

L111

N:\10-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-312) [1]\2675-00_Drawings\2675-00_26_0717 - Photometric Plans - Lithonia - Revised Scope.dwg
one eighth inch = one foot 0 4 8 16
one quarter inch = one foot 0 4 8
three eighths inch = one foot 0 4
one half inch = one foot 0 4
three quarters inch = one foot 0 2
one inch = one foot 0 2



1 SECOND FLOOR PHOTOMETRIC PLAN
SCALE: 3/32" = 1'-0"

Note

1. Calcs taken at 2.5ft
2. Fixtures mounted at height listed on drawing
3. Reflectances assumed at 80/50/20
4. Calculations are estimations based on the information provided and may vary with actual conditions

Designer: Josh Geiger
Date: 12/08/2025

i2 illuminations

Schedule

Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Number Lamps	Lumens per Lamp	LLF	Wattage
	A	2	Lithonia Lighting	CPX 2X2 3200LM 80 35K SWL MVOLT	CPX 2X2, 3200 Lumens, 80 CRI, 3500K, Satin White Lens, 120-277	1	3668	0.95	30.1
	B	17	Lithonia Lighting	CPX 2X4 5000LM 80 35K SWL MVOLT	CPX 2X4, 5000 Lumens, 80 CRI, 3500K, Satin White Lens, 120-277	1	5069	0.95	40
	B2	2	Lithonia Lighting	CPX 2X4 4000LM 80 35K SWL MVOLT	CPX 2X4, 4000 Lumens, 80 CRI, 3500K, Satin White Lens, 120-277	1	4817	0.95	36.69
	L	20	Lithonia Lighting	CPX 2X2 3000LM 80 35K SWL MVOLT	CPX 2X4, 3000 Lumens, 80 CRI, 3500K, Satin White Lens, 120-277	1	3287	0.95	24.57

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
CORRIDOR A/A-1/B	+	32.2 fc	66.8 fc	5.6 fc	11.9:1	5.8:1
CORRIDOR C/E	+	33.0 fc	49.7 fc	11.7 fc	4.2:1	2.8:1
CORRIDOR D	+	25.6 fc	35.8 fc	9.1 fc	3.9:1	2.8:1

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PHASE II

75 GRASSLAND RD
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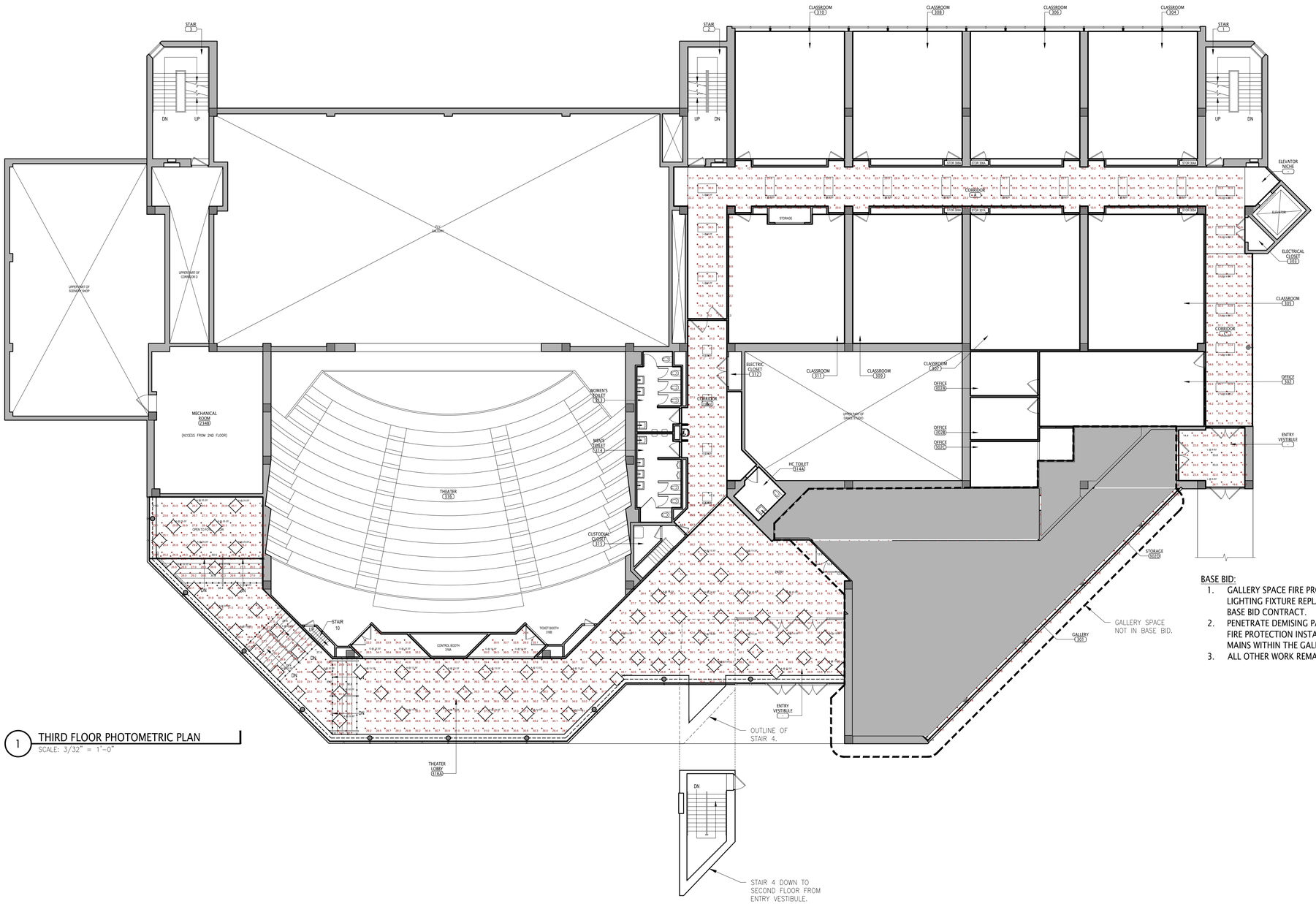
SECOND FLOOR PHOTOMETRIC PLAN AND SCHEDULE

PROJECT NO.: 2675-00
SCALE: AS NOTED

DRAWING NO.:

L121

N:\Vb-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-312) [\2675-00_Drawings\2675-00_26_0017 - Photometric Plans - Lithonia - Revised Scope.dwg
one eighth inch = one foot 0 4 8 16
one quarter inch = one foot 0 4 8
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one inch = one foot 0 6" 2



1 THIRD FLOOR PHOTOMETRIC PLAN
SCALE: 3/32" = 1'-0"

BASE BID:

1. GALLERY SPACE FIRE PROTECTION AND LIGHTING FIXTURE REPLACEMENT IS NOT IN BASE BID CONTRACT.
2. PENETRATE DEMISING PARTITIONS FOR FUTURE FIRE PROTECTION INSTALLATION AND CAP MAINS WITHIN THE GALLERY SPACE.
3. ALL OTHER WORK REMAINS

Note
1. Calcs taken at 2.5ft 2. Fixtures mounted at height listed on drawing 3. Reflectances assumed at 80/50/20 4. Calculations are estimations based on the information provided and may vary with actual conditions

Designer: Josh Geiger
Date: 12/08/2025

illuminations

Schedule

Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Number Lamps	Lumens per Lamp	LLF	Wattage
	A	72	Lithonia Lighting	CPX 2X2 3200LM 80 35K SWL MVOLT	CPX 2X2, 3200 Lumens, 80 CRI, 3500K, Satin White Lens, 120-277	1	3668	0.95	30.1
	L	17	Lithonia Lighting	CPX 2X2 3000LM 80 35K SWL MVOLT	CPX 2X4, 3000 Lumens, 80 CRI, 3500K, Satin White Lens, 120-277	1	3287	0.95	24.57

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
CORRIDOR A/C	+	25.1 fc	45.2 fc	5.2 fc	8.7:1	4.8:1
GALLERY 301	+	43.2 fc	65.8 fc	23.2 fc	2.8:1	1.9:1
STAIR LANDING LOWER	+	26.3 fc	30.5 fc	21.0 fc	1.5:1	1.3:1
STAIR LANDING MIDDLE	+	29.9 fc	33.4 fc	22.6 fc	1.5:1	1.3:1
STAIR LANDING UPPER	+	32.4 fc	35.2 fc	27.6 fc	1.3:1	1.2:1
STAIRS LOWER	+	27.0 fc	30.4 fc	22.5 fc	1.4:1	1.2:1
STAIRS MIDDLE	+	27.3 fc	29.4 fc	24.6 fc	1.2:1	1.1:1
STAIRS UPPER	+	30.3 fc	36.8 fc	22.6 fc	1.6:1	1.3:1

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THIRD FLOOR PHOTOMETRIC PLAN AND SCHEDULE

PROJECT NO.: 2675-00
SCALE: AS NOTED

DRAWING NO.:
L131

N:\10-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-312) [\2675-00_Drawings\2675-00_PA_0717 - Photometric Plans - Lithonia - Revised Scope.dwg
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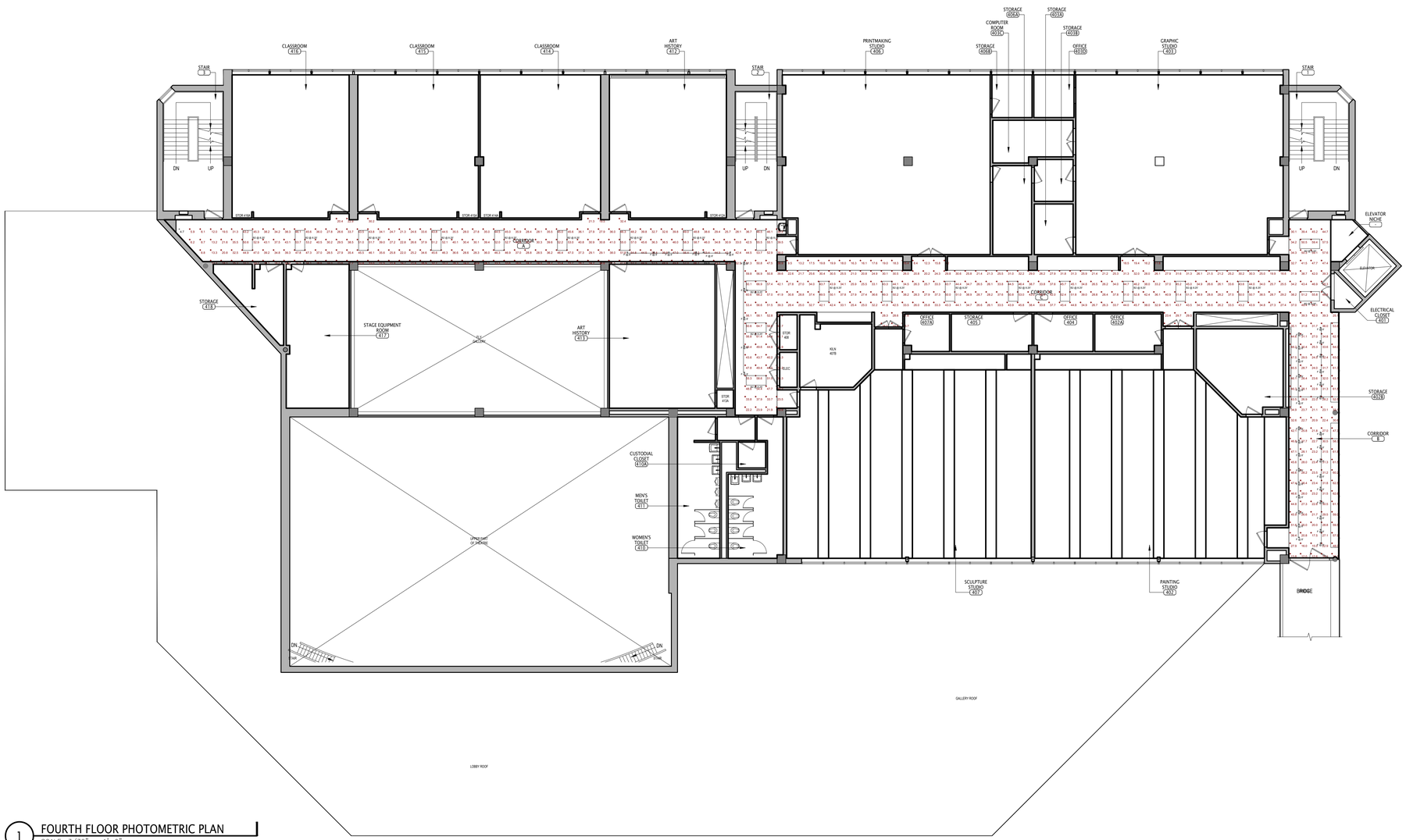
one quarter inch = one foot
three quarters inch = one foot
one half inch = one foot
one inch = one foot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ART HISTORY 412
PRINTMAKING STUDIO 406
STORAGE 406A
STORAGE 403A
COMPUTER ROOM 403C
STORAGE 403B
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OFFICE 403D
GRAPHIC STUDIO 403
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CORRIDOR A
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STORAGE 416
STAGE EQUIPMENT ROOM 417
FLY GALLERY
ART HISTORY 413
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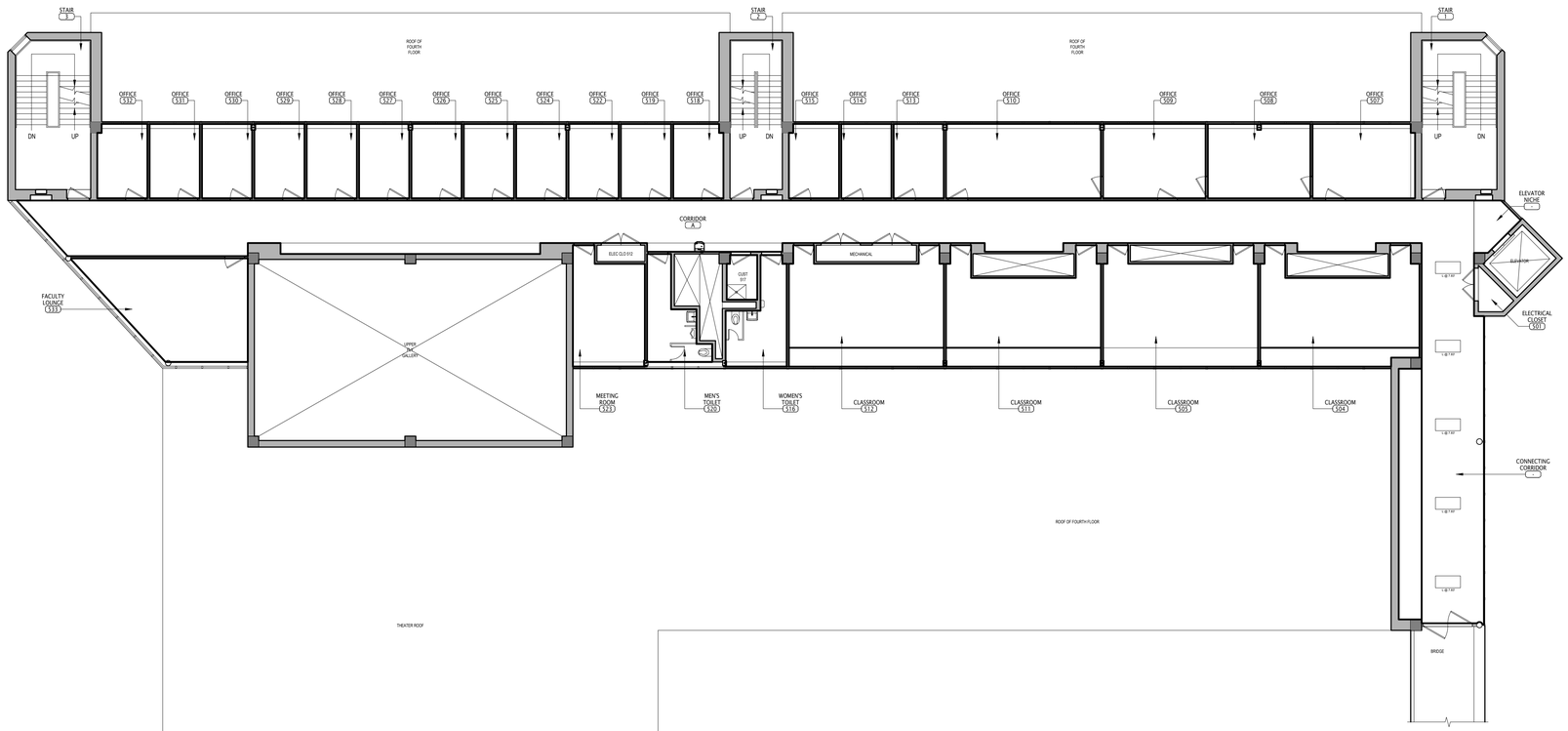

1 FIFTH FLOOR PHOTOMETRIC PLAN
SCALE: 3/32" = 1'-0"

Note
1. Calcs taken at 2.5ft 2. Fixtures mounted at height listed on drawing 3. Reflectances assumed at 80/50/20 4. Calculations are estimations based on the information provided and may vary with actual conditions

Designer: Josh Geiger
Date: 12/08/2025

illuminations

Schedule

Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Number Lamps	Lumens per Lamp	LLF	Wattage
	L	5	Lithonia Lighting	CPX 2X2 3000LM 80 35K SWL MVOLT	CPX 2X4, 3000 Lumens, 80 CRI, 3500K, Satin White Lens, 120-277	1	3287	0.95	24.57

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
CORRIDOR A / CONNECTING CORRIDOR		29.9 fc	61.2 fc	3.9 fc	15.7:1	7.7:1

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INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

FIFTH FLOOR PHOTOMETRIC PLAN AND SCHEDULE

PROJECT NO.: 2675-00
SCALE: AS NOTED

DRAWING NO.:

L151

N:\10-EDUCATION\2675-00 - SUNY Westchester - AAB Infrastructure Phase 2 (23-312) [1]\2675-00_Drawings\2675-00_26_0717 - Photometric Plans - Lithonia - Revised Scope.dwg
one eighth inch = one foot 16 8 4 0
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three eighths inch = one foot 8 4 0
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three quarters inch = one foot 2 0
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three eighths inch = one foot 0 4

one quarter inch = one foot 0 4 8

one eighth inch = one foot 0 8 16

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SYMBOL & ABBREVIATIONS

SYMBOL	ABBREVIATION	DESCRIPTION
	EX.	EXISTING TO REMAIN
	REL.	REMOVE AND RELOCATE
	NEW	NEW WORK
	DEM.	EXISTING TO BE REMOVED
	CW	COLD WATER
	HW	HOT WATER
	HWC	HOT WATER RECIRCULATION
	V	VENT
	W	WASTE LINE
	S	SOIL LINE
	G	GAS LINES
	LDR	LEADER
	SS	SANITARY SEWER (SITE WORK ONLY)
	SD	STORM DRAINAGE
	PD	PUMP DISCHARGE
	-	3-WAY VALVE
	-	BUTTERFLY VALVE
	-	2-WAY VALVE
	-	PLUG VALVE
S	-	SOLENOID VALVE
	-	GATE VALVE
	-	GLOBE VALVE
	-	CHECK VALVE
	-	OS&Y GATE VALVE
	-	BALL VALVE
	-	CIRCUIT SETTER
	-	MANUAL AIR VENT
	-	T&P RELIEF VALVE
	-	PRESSURE REDUCING VALVE
	-	TEE DOWN
	-	ELBOW DOWN
	-	TEE UP
	-	ELBOW UP
	-	PIPE CAP
	CODP	CLEAN OUT DECK PLATE
	WCO	WALL CLEAN OUT
	FCO	FLOOR CLEAN OUT
	FLFD	FUNNEL FLOOR DRAIN
	-	CONCENTRIC REDUCER
	-	ECCENTRIC REDUCER
	-	STRAINER
	-	FLEXIBLE CONNECTION
	-	FLOW ARROW
	-	PRESSURE GAGE
	-	PUMP
	-	THERMOMETER
	-	BASKET STRAINER
	-	HOSE BIB
	RD	ROOF DRAIN
	FD	FLOOR DRAIN
	-	UNION
P T	-	RISER TAG
	-	EYE WASH
	-	WALL HYDRANT
–	AFF	ABOVE FINISHED FLOOR
–	AHC	ABOVE HUNG CEILING
–	BFP	BACK FLOW PREVENTOR
–	VTR	VENT THROUGH ROOF
–	FS	FLOOR SINK

SYMBOL	ABBREVIATION	DESCRIPTION
–	FAI	FRESH AIR INTAKE
–	RPZ	REDUCED PRESSURE ZONE - BFP
–	BP	BOOSTER PUMP
–	RP	RECIRCULATION PUMP
–	DCV	DOUBLE CHECK VALVE - BFP
–	TYP	TYPICAL
–	HWH	HOT WATER HEATER

NOTE: FOR REFERENCE ONLY. NOT ALL SYMBOLS OR ABBREVIATIONS ARE USED IN THIS PROJECT.

GENERAL NOTES

1. THE CONTRACT DRAWINGS INDICATE THE EXTENT AND GENERAL ARRANGEMENTS OF THE PLUMBING SYSTEMS. IF ANY DEPARTURES FROM THE DRAWINGS ARE DEEMED NECESSARY BY THE PLUMBING CONTRACTOR, DETAILS OF SUCH DEPARTURES AND THE REASONS THEREFORE SHALL BE SUBMITTED TO THE OWNER AND ENGINEER FOR APPROVAL. NO SUCH DEPARTURES SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER AND ENGINEER. EQUIPMENT AND PIPING ARRANGEMENTS SHALL PROVIDE ADEQUATE AND ACCEPTABLE CLEARANCES FOR ENTRY, SERVICING, AND MAINTENANCE. ANY CHANGES TO PIPING AND EQUIPMENT LOCATIONS NECESSARY TO AVOID INTERFERENCE WITH OTHER TRADES SHALL BE MADE AT NO EXTRA COST.
2. THE PLUMBING WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE PREVAILING NEW YORK STATE PLUMBING AND BUILDING CODES. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE, THE MORE STRINGENT STANDARD SHALL APPLY.
3. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PAYING RELATED FEES.
4. CONNECTIONS TO EXISTING UTILITIES AND SERVICES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, INVERT ELEVATIONS, AND SIZES OF EXISTING PLUMBING SERVICES IN FIELD, AND SHALL CONNECT NEW PLUMBING SERVICES AS INDICATED ON DRAWINGS.
5. PRIOR TO FABRICATION, THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB SITE, AND COORDINATE THIS WORK WITH THE WORK OF ALL OTHER TRADES.
6. ALL ACCESS PANELS SHALL BE BY GENERAL CONTRACTOR. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR LOCATION.
7. PROVIDE ALL PLUMBING FIXTURES, PIPING, VALVES AND ACCESSORY ITEMS AS SPECIFIED AND AS REQUIRED FOR A COMPLETE INSTALLATION. ROUGHING DIMENSIONS OF FIXTURES MUST BE COORDINATED WITH THE GENERAL CONTRACTOR.
8. PITCH ALL WASTE, SANITARY, AND STORM DRAIN PIPING AT MAXIMUM SLOPE POSSIBLE, BUT NOT LESS THAN 1/8" PER FOOT FOR PIPING ≥ 3" AND 1/4" PER FOOT FOR PIPING ≤ 2½".
9. NO PIPING SHALL RUN EXPOSED IN FINISHED AREAS.
10. PROVIDE DIELECTRIC FITTINGS OR COUPLINGS WHEREVER DISSIMILAR METALS ARE JOINED.
11. PROVIDE SHUTOFF VALVES AT ALL FIXTURES AND EQUIPMENT ON COLD WATER, AND HOT WATER PIPES.
12. ALL WORK SHALL BE PROPERLY TESTED, BALANCED, AND CLEANED AND DISINFECTED. PROVIDE A ONE YEAR WARRANTY FROM DATE OF FINAL INSPECTION ON ALL PARTS AND LABOR.
13. PROVIDE ALL PIPE OPENINGS THROUGH PARTITIONS WITH PIPE SLEEVES. FOR PIPES PENETRATING FIRE RATED PARTITIONS, THE SPACE BETWEEN THE PIPE AND THE SLEEVE SHALL BE SEALED WITH FIRE STOPPING MATERIAL. PENETRATIONS FOR PIPING SHALL BE MADE BY CORE DRILLING WHENEVER POSSIBLE.
14. PROVIDE TRAP SEAL PRIMERS FOR FLOOR DRAINS AS REQUIRED. INSTALL THE PRIMER VALVE IN THE COLD WATER SERVICE, WITH THE TRAP CONNECTION PIPED TO THE FLOOR DRAIN TRAP. LOCATE THE VALVE IN AN ACCESSIBLE LOCATION.
15. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL CUTTING, PATCHING, CORE DRILLING, PAINTING, ACCESS PANELS, AND FINAL RESTORATION REQUIRED TO FACILITATE THE INSTALLATION OF PLUMBING PIPING, INCLUDING ABOVE CEILINGS AND IN SHAFTS THAT WILL NOT BE REPLACED OR OPENED UNDER ANY OTHER SCOPE OF WORK RELATED TO THIS PROJECT. CONTRACTOR TO REMOVE AND REPLACE CEILINGS, AND OPEN AND PATCH SHAFTS AND WALLS, AS REQUIRED TO EXECUTE THE PLUMBING WORK.
16. NEW PIPING LAYOUT IS PREDICATED ON RECORD DRAWING DATA OF EXISTING RISERS AND DRAWINGS. MODIFICATIONS TO THE LAYOUT MAY BE REQUIRED DUE TO DIFFERENT ACTUAL CONDITIONS, OBSTRUCTIONS, INTERFERENCES, ETC.
17. SEE THE ARCHITECTURAL DRAWINGS FOR EXACT PHASING AND TIME SCHEDULE FOR CONSTRUCTION.
18. ALL MOTOR STARTERS AND DISCONNECT SWITCHES FOR PLUMBING EQUIPMENT SHALL BE FURNISHED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED. DISCONNECT SWITCHES FURNISHED BY THE PLUMBING CONTRACTOR FOR PLUMBING EQUIPMENT SHALL BE HEAVY DUTY TYPE.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY VENTILATION AND EXHAUST AIR WHEN WELDING OR SOLDERING OPERATIONS ARE PERFORMED, AS REQUIRED BY OSHA.

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ACADEMIC ARTS BUILDING
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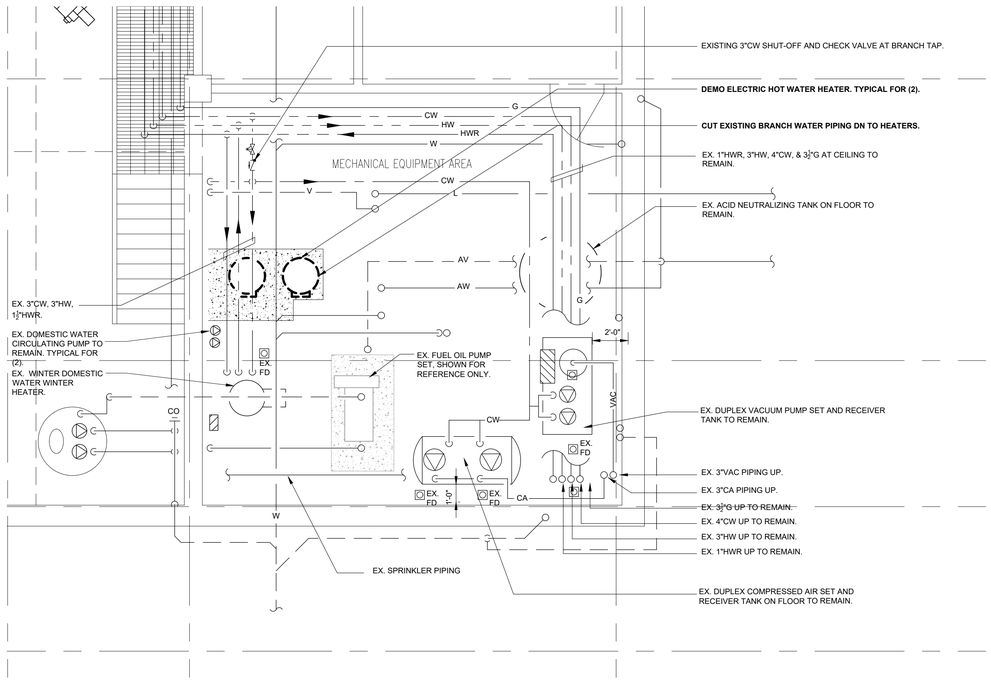
PLUMBING SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES

PROJECT NO.: 2675-00 | SCALE: AS NOTED

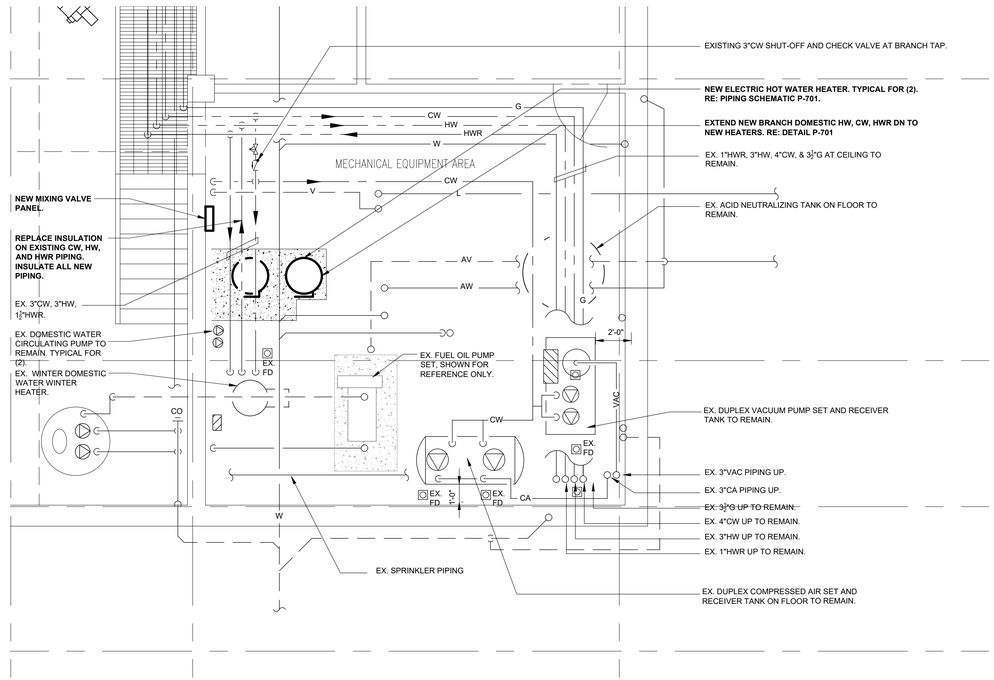
DRAWING NO.:

P-001



1 DEMOLITION PART PLAN
SCALE: 1/4" = 1'-0"

NORTH



2 NEW WORK PART PLAN
SCALE: 1/4" = 1'-0"

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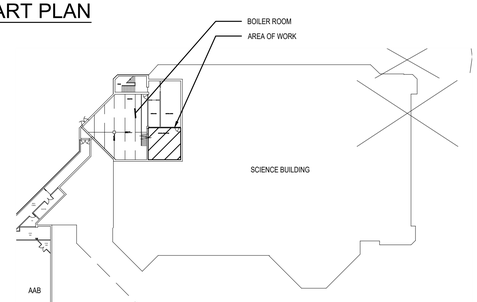

3 FIRST FLOOR KEY PLAN
SCALE: NONE

NORTH

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PLUMBING BASEMENT PART PLAN

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

P-200

one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
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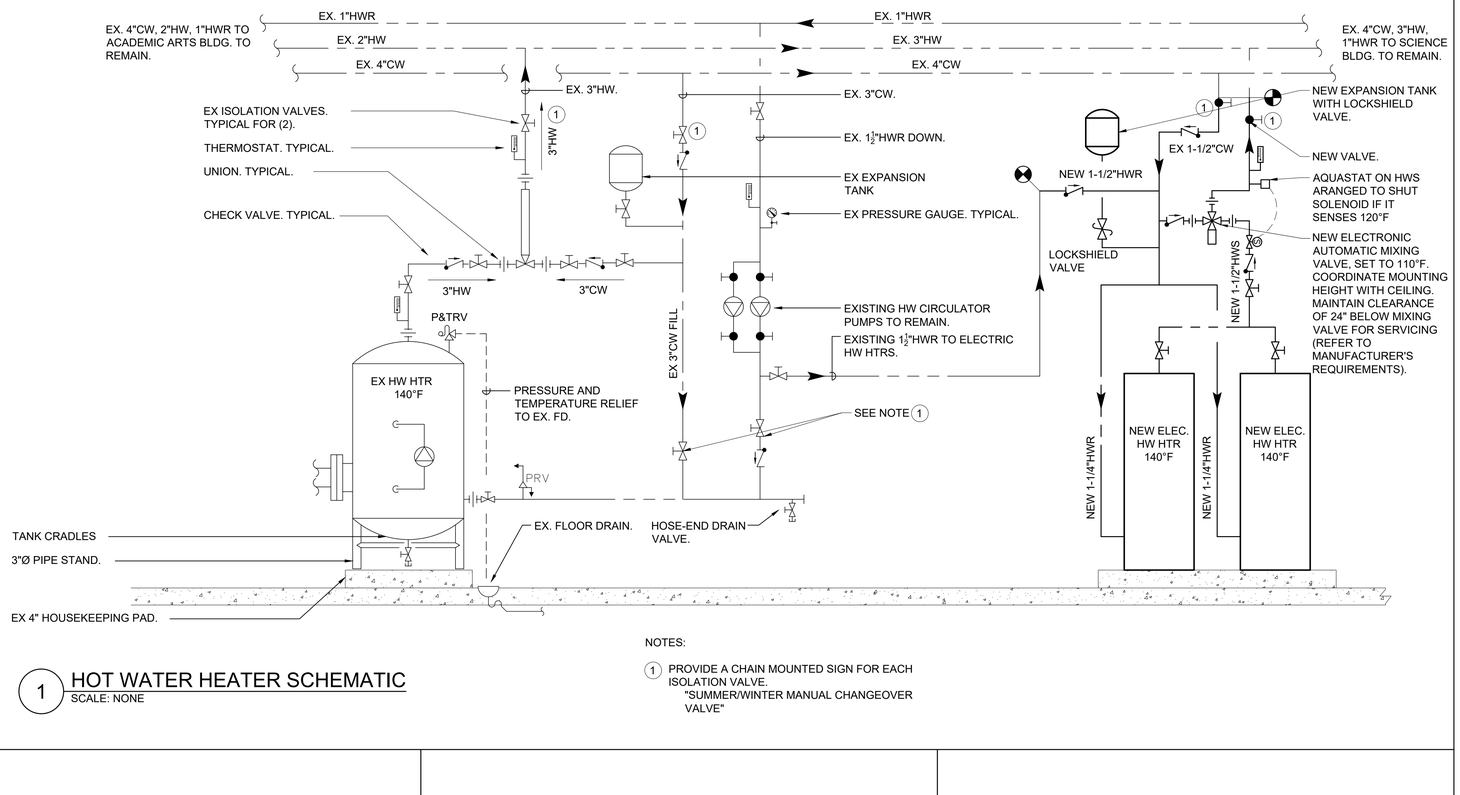
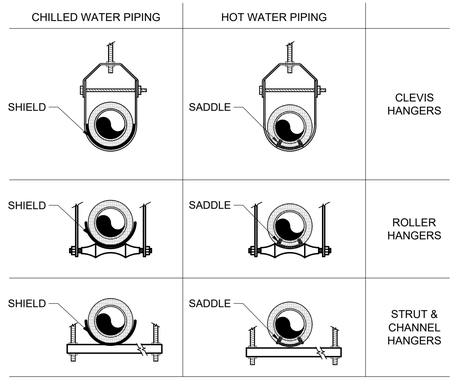


NOTES:

(1) PROVIDE A CHAIN MOUNTED SIGN FOR EACH ISOLATION VALVE. "SUMMER/WINTER MANUAL CHANGEOVER VALVE"

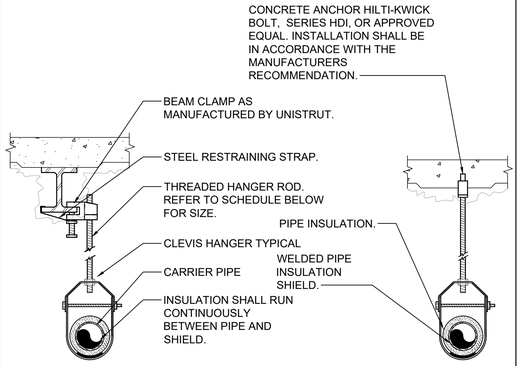
1 HOT WATER HEATER SCHEMATIC
SCALE: NONE



NOTES:

1. INSULATION ON ALL COLD SURFACES SHALL BE APPLIED WITH A CONTINUOUS, UNBROKEN VAPOR SEAL. HANGERS, SUPPORTS, ANCHORS, ETC., THAT ARE SECURED DIRECTLY TO COLD SURFACES SHALL BE ADEQUATELY INSULATED AND VAPOR SEALED TO PREVENT CONDENSATION.
2. GALVANIZED METAL SHIELDS SHALL BE APPLIED BETWEEN HANGERS OR SUPPORTS AND THE PIPE INSULATION AS SHOWN ABOVE. SHIELDS SHALL BE FORMED TO FIT THE INSULATION AND SHALL EXTEND UP TO THE CENTERLINE OF THE PIPE.
3. RIGID INSULATION INSERTS SHALL BE INSTALLED ON PIPE SIZES 1½" (38 MM) OR LARGER AS SHOWN ABOVE. INSERTS SHALL BE OF EQUAL THICKNESS TO THE ADJOINING INSULATION AND SHALL BE PROVIDED WITH VAPOR RETARDER SEALS.

2 PIPE INSULATION SADDLE/SHIELD SCHEDULE
SCALE: NONE



PIPE HANGER SCHEDULE						
PIPE DIA.	3/4"-2"	2 1/2"-3"	4"-5"	6"	8"-12"
HANGER DIA.	3/8"	1/2"	5/8"	3/4"	7/8"

NOTES:

1. CLEVIS HANGERS WITH WELDED INSULATION SHIELDS SIMILAR TO RAUCH FIG. 100SH ON ALL PIPES LARGER THAN 1".
2. FOR PIPES 1" OR SMALLER, A BAND HANGER WITH INSULATION SHIELD MAY BE USED SIMILAR TO RAUCH FIG. NO. 1ASH.
3. FOR NON-INSULATED PIPE, INSULATION SHIELDS MAY BE OMITTED.
4. ALL PIPE HANGERS SHALL BE GALVANIZED STEEL OR FACTORY PAINTED BLACK WITH ENAMEL.
5. FOR NON FERROUS PIPING WITHOUT INSULATION, ALL HANGERS SHALL BE COPPER PLATED OR FURNISHED WITH A DI-ELECTRIC BETWEEN PIPE AND HANGERS.
6. WHERE EXISTING BUILDING STRUCTURAL COMPONENTS HAVE FIREPROOF MATERIAL, ANY AREA THAT IS DISTURBED OR DAMAGED AS A RESULT OF HANGER INSTALLATION SHALL BE PATCHED WITH UL AND FM APPROVED FIREPROOFING TO MATCH EXISTING.

1 PIPE HANGER DETAIL
SCALE: NONE

EQUIPMENT NOTES

1. HOT WATER MIXING VALVE: PROVIDE HEAT-TIMER 3-WAY VALVE AND ETV PLATINUM PLUS CONTROL PANEL WITH BACNET. PROVIDE 120V, 20A, 1-POLE CIRCUIT. PROVIDE 24VAC POWER FROM THE CONTROL PANEL TO THE 3-WAY VALVE. PROVIDE OPTIONAL SAFETY VALVE AND BACNET OUTPUT. VALVE AND CONTROLS SHALL BE ASSE LISTED TO BE COMPLIANT WITH BUILDING WIDE TEMPERING DEVICES FOR DOMESTIC SYSTEMS.
2. ELECTRIC HOT WATER HEATER (EWH-A): SHALL BE AMERICAN WATER HEATERS, HEAVY DUTY IMMERSION COMMERCIAL WATER HEATER MODEL ITCE3, 119 GALLON CAPACITY, 123 GALLON RECOVERY AT 80°F, 24 kW, 480/3/60. 6 ELEMENTS AT 4000 WATTS EACH. REFER TO FLOOR PLANS FOR LOCATIONS OF WATER HEATERS.
3. DOMESTIC WATER EXPANSION TANK: SHALL BE BASED ON WATTS POTABLE WATER EXPANSION TANK MODEL PLT-35-M1. 150 PSI MAX. PRESSURE, 14 GALLON TANK, 16" DIAMETER, 21" LONG AND 32 POUNDS.

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PLUMBING DETAILS

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

P-701

one inch = one foot 0 6" 2
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one quarter inch = one foot 0 4 8
one eighth inch = one foot 0 4 8 16

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SYMBOLS AND ABBREVIATIONS

SYMBOL	ABBREVIATION	DESCRIPTION
———	-	CONDUIT AND WIRING
- - - - - -	-	CONDUIT & WIRING TO BE REMOVED UON
	-	HOMERUN TO PANEL, ARROWS INDICATE # 1P
	-	MULTI-POLE HOMERUN
	-	ELECTRICAL EQUIPMENT AS INDICATED
	-	ELECTRICAL EQUIPMENT TO BE REMOVED UON
M	-	ELECTRIC METER
J	-	JUNCTION BOX
	-	BATTERY PACK EMERGENCY LIGHT FIXTURE
	-	EXIT LIGHT, FACES-SHADED, CHEVRON-ARROW
S_x	-	SINGLE POLE SWITCH (x - INDICATES FIXTURE BEING CONTROLLED)
S_x^3	-	THREE WAY SWITCH (x - INDICATES FIXTURE BEING CONTROLLED)
S_x^{DIM}	-	DIMMER SWITCH (x - INDICATES FIXTURE BEING CONTROLLED)
S_K	-	KEY OPERATED SINGLE POLE SWITCH
	-	WALL MOUNTED OCCUPANCY SENSOR
OC	-	CEILING MOUNTED OCCUPANCY SENSOR
V	-	WALL MOUNTED VACANCY SENSOR
OC^V	-	CEILING MOUNTED VACANCY SENSOR
S OR SD	-	SMOKE DETECTOR. EL - ELEVATOR LOBBY; SH - SMOKE HATCH; SC - PLENUM RATED ABOVE CEILING
SB	SB	FIRE ALARM DEVICE. SB - SOUNDER BASE FOR SMOKE OR CARBON MONOXIDE DETECTOR
H	-	HEAT DETECTOR
CO	-	CARBON MONOXIDE DETECTOR
TS	-	FIRE ALARM TAMPER SWITCH
WF	-	FIRE ALARM WATER FLOW SWITCH
CM	CM	FIRE ALARM CONTROL MODULE
MM	MM	FIRE ALARM MONITORING MODULE
FACP	FACP	FIRE ALARM CONTROL PANEL
OR	-	SECURITY CAMERA
	CB	CIRCUIT BREAKER
	-	ENCLOSED CIRCUIT BREAKER
20AS 150AF	-	FUSED SWITCH
OR	GND	GROUND AS PER LOCAL CODE
	CT	CURRENT TRANSFORMER
	A	AMPERE(S)
	AFF	ABOVE FINISHED FLOOR
	AF	AMPERAGE OF FUSE
	AGL	ABOVE GRADE LEVEL
	AL	ALUMINIUM
	ARC	ARC FAULT INTERRUPTER
	AS	AMPERAGE OF SWITCH
	ATS	AUTOMATIC TRANSFER SWITCH
	AWG	AMERICAN WIRE GAUGE
	BCW	BARE COPPER WIRE
	BLDG	BUILDING
	C	CONDUIT
	CKT	CIRCUIT
	CLG	CEILING
	COL	COLUMN
	CU	COPPER
	DEM.	DEMOLISH AND REMOVE
	DISC	DISCONNECT
	DIM	DIMMER
	DWG	DRAWING
	EM	EMERGENCY

SYMBOL	ABBREVIATION	DESCRIPTION
	EX.	EXISTING TO REMAIN
	F	FLOOR
	GEN	GENERATOR
	IG	ISOLATED GROUND
	IMC	INTERMEDIATE METAL CONDUIT
	KW	KILO-WATT
	MAX	MAXIMUM
	MCB	MAIN CIRCUIT BREAKER
	MER	MAIN ELECTRICAL ROOM
	MIN	MINIMUM
	MLO	MAIN LUG ONLY
	NIC	NOT IN CONTRACT
	PNL	PANEL
	PVC	POLY VINYL CHLORIDE
	RCP	REFLECTED CEILING PLAN
	REL.	REMOVE AND RELOCATE
	RGS	RIGID GALVANIZED STEEL
	SCH	SCHEDULE
	SP	SPRINKLER HEAD
	SW	SWITCH(ES)
	TYP	TYPICAL
	UON	UNLESS OTHERWISE NOTED
	VIF	VERIFY IN FIELD
	V	VOLT(S)

NOTES:
1.) ALL SYMBOLS AND ABBREVIATIONS MAY NOT BE APPLICABLE FOR THIS PROJECT.
2.) SEE LIGHTING FIXTURE SCHEDULE FOR LIGHT FIXTURE SYMBOLS.

GENERAL NOTES

1. ALL WORK SHOWN IS NEW UNLESS OTHERWISE NOTED (UON) EXISTING TO REMAIN (EX.).
2. THE DRAWINGS ARE TO BE CONSIDERED SCHEMATIC ONLY AND DO NOT NECESSARILY SHOW THE EXACT LOCATIONS AND DETAILS OF THE WORK TO BE INSTALLED.
3. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND PAYING ALL FEES ASSOCIATED WITH THIS WORK INCLUDING FILING WITH THE UTILITY COMPANY (AS REQUIRED), AND WITH LOCAL AUTHORITY HAVING JURISDICTION.
4. ALL CONDUCTORS SHALL BE COPPER UON "ON DRAWINGS".
5. ELECTRONIC FILES OF THE MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS ARE AVAILABLE TO THE CONTRACTOR. THE ENGINEER MAY GRANT THE CONTRACTOR A LIMITED LICENSE TO MAKE A DERIVATIVE WORK OF THE DATABASE FOR THE PURPOSE OF SHOP DRAWINGS, SUBMITTALS AND AS-BUILT DRAWINGS. UPON REQUEST, THE ENGINEER SHALL PROVIDE A RELEASE FORM THAT MUST BE SIGNED AND RETURNED BY THE CONTRACTOR PRIOR TO RELEASE OF THE ELECTRONIC FILES.
6. CIRCUIT NUMBERS ARE FOR INFORMATION PURPOSES ONLY. ACTUAL CIRCUIT NUMBERS SHALL BE DETERMINED IN THE FIELD.
7. INSTALL CONDUIT EXPANSION FITTINGS AT ALL LOCATIONS WHERE CONDUITS CROSS BUILDING OR STRUCTURE EXPANSION JOINTS.
8. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CUTTING, PATCHING, PAINTING, AND FINAL RESTORATION REQUIRED TO FACILITATE THE DEMOLITION AND INSTALLATION OF ALL ELECTRICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO PANELBOARDS, CONDUITS, WIRING, DEVICES, FIXTURES, ETC. INCLUDING ABOVE CEILINGS. CONTRACTOR TO REMOVE AND REPLACE CEILINGS, AND OPEN AND PATCH WALLS, AS REQUIRED TO EXECUTE THE ELECTRICAL WORK.
9. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO HIRE AND PAY ALL FEES FOR THE UL FIELD EVALUATION SERVICE TO RE-INSPECT AND RE-CERTIFY THE SWITCHBOARD IN RELATION TO MODIFICATIONS REQUIRED WHEN TAPPING THE BUS. CONTRACTOR SHALL SCHEDULE WITH UL PRIOR TO START OF WORK. UL SHALL BE PRESENT WHILE TAPPING OF THE SWITCHBOARD IS EXECUTED. (TEL: 1-877-ULHELPS)
10. CORE DRILLING OR TRENCHING THROUGH AN EXISTING FLOOR SLAB, WHEN REQUIRED, SHALL BE COORDINATED WITH THE OWNER. FLOOR SLABS SHALL BE RADAR SCANNED PRIOR TO CORE DRILLING OR TRENCHING. ALL WORK, INCLUDING CORE DRILLING, RADAR SCAN, INSTALLATION OF FIRE STOPPING, & CONDUIT/CABLE INSTALLATION SHALL BE PERFORMED DURING NON-BUSINESS HOURS AND INCLUDED IN BASE BID. USE EXTREME CAUTION DURING ANY CUTTING OPERATION TO AVOID DAMAGE TO EXISTING EQUIPMENT/SYSTEMS. ANY ITEMS DAMAGED AS A RESULT OF CORE DRILLING SHALL BE REPAIRED AT NO COST TO THE CLIENT. ALL CORES SHALL BE FIRE SEALED.

DEFINITION OF TERMS

1. WHEREVER IN THE CONTRACT DOCUMENTS THE WORD "CLIENT" IS USED, IT MUST BE UNDERSTOOD THAT "WESTCHESTER COMMUNITY COLLEGE (WCC)" IS INTENDED.
2. WHEREVER IN THE CONTRACT DOCUMENTS THE WORD "ARCHITECT" IS USED, IT MUST BE UNDERSTOOD THAT "LOTHROP ASSOCIATES ARCHITECTS" IS INTENDED.
3. WHEREVER IN THE CONTRACT DOCUMENTS THE WORD "ENGINEER" IS USED, IT MUST BE UNDERSTOOD THAT "OLA CONSULTING ENGINEERS" IS INTENDED.
4. WHEREVER IN THE CONTRACT DOCUMENTS THE WORDS "FIRE ALARM SYSTEM" OR "FIRE ALARM VENDOR" ARE USED, IT MUST BE UNDERSTOOD THAT "EVERON" IS INTENDED. CONTACT NICHOLAS DELFICO AT 914-403-2697.
5. "WORK" MUST BE DEEMED TO CONSIST OF ALL LABOR AND OPERATIONS, TRANSPORTATION, HOISTING, MATERIALS, TOOLS, EQUIPMENT, SERVICES, INSPECTIONS, INVESTIGATIONS, COORDINATION AND SUPERVISION REQUIRED AND / OR REASONABLY NECESSARY TO PRODUCE THE CONSTRUCTION REQUIRED BY THE CONTRACT DOCUMENTS.
6. "FURNISH" MEANS THE DESIGN, FABRICATION, PURCHASE AND DELIVERY TO THE JOB SITE.
7. "INSTALL OR INSTALLATION" MEANS THE ACT OF PHYSICALLY PLACING, APPLYING, SETTING, ERECTING, ANCHORING, SECURING, ETC., CONSTRUCTION MATERIALS, EQUIPMENT, FURNISHINGS, APPLIANCES, AND SIMILAR ITEMS SPECIFIED AND FURNISHED AT THE JOB SITE. INSTALLATION OF SPECIFIED ITEMS MUST BE COMPLETE IN ALL RESPECTS.
8. "PROVIDE" MEANS TO FURNISH AND INSTALL CONSTRUCTION MATERIAL, EQUIPMENT, ETC. AS DEFINED ABOVE.
9. THE FOLLOWING ARE DEFINITIONS OF SHOP DRAWING STAMP ACTIONS:

A. "NO EXCEPTIONS TAKEN" MEANS THAT THE SHOP DRAWING IS CORRECT AS TO PERFORMANCE, CAPACITY, ETC. AND SUBSTANTIAL CONFORMANCE TO THE CONTRACT DRAWINGS AND SPECIFICATIONS. FABRICATION AND/OR PURCHASE MAY COMMENCE.

B. "MAKE CORRECTIONS NOTED" MEANS THAT THE SHOP DRAWING IS CORRECT AS TO PERFORMANCE, CAPACITY, ETC. AND SUBSTANTIAL CONFORMANCE TO THE CONTRACT DRAWINGS AND/OR SPECIFICATIONS, SUBJECT TO AND IN COMPLIANCE WITH THE ANNOTATIONS AND/OR CORRECTIONS INDICATED ON THE SHOP DRAWING. FABRICATION AND/OR PURCHASE MAY COMMENCE.

C. "AMEND AND RESUBMIT" MEANS THAT THE COMMENTS AND/OR CORRECTION ARE SO EXTENSIVE AND IMPORTANT THAT THE REVIEWER WANTS TO SEE HOW THE COMMENTS AND/OR CORRECTIONS ARE RESOLVED PRIOR TO RELEASE FOR FABRICATION AND/OR PURCHASE. FABRICATIONS AND/OR PURCHASE MAY NOT COMMENCE.

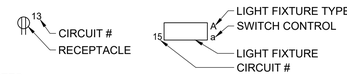
D. "REJECTED" MEANS THAT THE SHOP DRAWING DOES NOT COMPLY OR CONFORM TO THE CONTRACT DRAWINGS AND/OR SPECIFICATIONS. FABRICATION AND/OR PURCHASE MAY NOT COMMENCE.

TYPICAL BRANCH CIRCUIT WIRING LEGEND

2-#12 & 1-#12 GND (1-1P-20A OR 1-1P-15A CB)

3-#12 & 1-#12 GND (3P-20A OR 3P-15A CB)

2-#12 & 1-#12 GND (2P-20A OR 2P-15A CB)



NOTES:
1. EACH 120V AND 277V CIRCUIT SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR. SHARED NEUTRAL HOMERUNS ARE NOT PERMITTED.
2. CONDUCTORS SHALL BE INCREASED FOR VOLTAGE DROP AND DERATING AS PER APPLICABLE ELECTRICAL CODE. FOR CIRCUITS THAT ARE BETWEEN 100' AND 150' IN LENGTH, PHASE AND NEUTRAL CONDUCTORS SHALL BE #10 AWG. FOR CIRCUITS THAT ARE BETWEEN 150' AND 225' IN LENGTH, PHASE AND NEUTRAL CONDUCTORS SHALL BE #8 AWG. FOR LENGTHS GREATER THAN 225' IN LENGTH, VERIFY CONDUCTOR SIZES WITH ENGINEER.

TRENCHING NOTES

1. CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES THAT ARE NOT PART OF N.Y. STATE "CODE 753" PRIOR TO DIGGING.
2. ALL EXCAVATING IN THE AREA OF THE EXISTING UNDERGROUND EQUIPMENT, PIPES AND CONDUITS SHALL BE PERFORMED BY HAND.
3. ANY AREA/PLANTS OR LANDSCAPING OR PAVEMENTS DISTURBED DURING THE EXCAVATION SHALL BE RESTORED OR REPLACED TO MATCH EXISTING CONDITIONS BY THE CONTRACTOR AT NO COST TO THE OWNER.
4. ANY EXISTING BURIED CONDUITS, DRAINAGE, SPRINKLER PIPING, ETC. THAT IS DISTURBED AND/OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.
5. THE PLANS SHOW SOME KNOWN SUBSURFACE STRUCTURES, ABOVE GROUND STRUCTURES AND/OR UTILITIES BELIEVED TO EXIST IN THE WORKING AREA, EXACT LOCATION OF WHICH MAY VARY FROM THE LOCATIONS INDICATED. IN PARTICULAR, THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH PIPELINES, SUBSURFACE STRUCTURES AND/OR UTILITIES IN THE AREA MAY OR MAY NOT BE SHOWN; AND IT SHALL BE HIS RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK. 48 HOURS BEFORE YOU DIG, DRILL OR BLAST, CALL 1-800-962-7962.

DEMOLITION NOTES

1. ALL EQUIPMENT SHALL BE DISCONNECTED AND REMOVED BACK TO POWER SOURCE ORIGINATION UNLESS OTHERWISE NOTED (UON) EXISTING TO REMAIN (EX.).
2. CONTRACTOR SHALL VERIFY EXTENT OF DEMOLITION WORK IN THE FIELD PRIOR TO BID AND SHALL INCLUDE ALL LABOR AND MATERIALS IN BASE BID INCLUDING ALL TEMPORARY CONNECTIONS, CONDUIT AND WIRE IN ORDER TO ACCOMMODATE CONSTRUCTION AND PROVIDE CONTINUOUS SERVICE TO DEVICES AND SYSTEMS TO REMAIN, TEMPORARY AND PERMANENTLY. WORK REQUIRING THE SHUT-DOWN OF THE BUILDING POWER SHALL BE PERFORMED DURING OVERTIME AND SHALL BE INCLUDED IN BASE BID.
3. CIRCUIT BREAKER, DISCONNECT SWITCH, PANELBOARD, EQUIPMENT, CONDUIT CONDUCTOR, ETC. SIZES AND RATINGS INDICATED SHALL BE FIELD VERIFIED PRIOR TO BID.
4. ALL EXISTING ELECTRICAL EQUIPMENT NO LONGER IN USE, SUCH AS DISCONNECT SWITCHES, MOTOR CONTROLLERS, MOTOR STARTER PANELS, ETC. SHALL BE REMOVED UON.
5. ALL DISCONNECTED & REMOVED EXISTING ELECTRICAL ITEMS THAT ARE NOT BEING REUSED SHALL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED.
6. THE CONTRACTOR SHALL INCLUDE IN THE BASE BID FOR ALL MATERIAL & LABOR REQUIRED FOR THE EXTENSIONS, REROUTING & RELOCATION OF EXISTING SYSTEM COMPONENTS, EQUIPMENT, WIRING, CONDUITS & CABLING SO AS TO MAINTAIN OPERATION OF ALL SYSTEMS THROUGHOUT THE BUILDING DURING DEMOLITION & CONSTRUCTION PHASES. INCLUDE ALLOWANCES FOR NORMAL UNFORESEEN DIFFICULTIES WHEN CONCEALED WORK HAS BEEN OPENED. NO CLAIMS FOR ADDITIONAL WORK ASSOCIATED WITH DEMOLITION WILL BE ACCEPTED EXPECT IN SPECIFIC CASES CONSIDERED JUSTIFIABLE BY THE ARCHITECT AND/OR ENGINEER.
7. ALL ELECTRICAL WORK IN ADJOINING AREAS WHICH IS REQUIRED TO REMAIN OPERATIONAL BUT IS AFFECTED BY DEMOLITION WORK SHALL BE RECONNECTED AND RESTORED TO ITS PRESENT FUNCTION AS PART OF ELECTRICAL SYSTEM OF THE BUILDING(S).
8. THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL OUTLETS, SWITCHES, AND OTHER DEVICES, COMPLETE WITH ASSOCIATED WIRING, CONDUIT, ETC., FROM PARTITIONS THAT ARE TO BE REMOVED. WHERE THE REMOVAL OF THESE ITEMS MAKE DEAD ELECTRICAL WIRING THAT IS TO REMAIN, THE CONTRACTOR SHALL INSTALL JUNCTION BOXES AND OTHER DEVICES AND PROVIDE BYPASS CONNECTIONS NECESSARY TO MAKE THE CIRCUITS AFFECTED CONTINUOUS AND READY FOR OPERATION. OTHERWISE, WIRING SHALL BE REMOVED BACK TO NEAREST ELECTRICAL JUNCTION BOX THAT IS TO REMAIN OR TO THE PANELBOARD.
9. ALL RACEWAYS WHICH BECOME EXPOSED BEYOND FINISHED SURFACES BECAUSE OF THE ALTERATION WORK SHALL BE REMOVED AND REROUTED BEHIND THE FINISHED SURFACES.
10. PORTIONS OF FEEDER LINES THAT HAVE TO BE REMOVED AS A RESULT OF DEMOLITION WORK, BUT ARE REQUIRED TO CONTINUE TO FUNCTION, SHALL BE CUT AT CONVENIENT LOCATIONS OUTSIDE OF THE AREA OF WORK, REROUTED AND RECONNECTED FOR CONTINUATION OF THEIR PRESENT FUNCTION. NEW FEEDER EXTENSIONS SHALL MATCH EXISTING ONES IN ALL RESPECTED: CONDUCTOR CAPACITY, CONDUIT SIZE, ETC.

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SUNY WESTCHESTER COMMUNITY COLLEGE

ISSUE NO.	ISSUE DATE	DESCRIPTION
1	07-17-2026	ISSUED FOR BID

WESTCHESTER COMMUNITY COLLEGE

ACADEMIC ARTS BUILDING
INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

ELECTRICAL SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

E-001

one inch = one foot 2 0 6"
three quarters inch = one foot 2 0 6"
one half inch = one foot 4 0
three eighths inch = one foot 4 0
one quarter inch = one foot 8 4 0
one eighth inch = one foot 16 8 4 0
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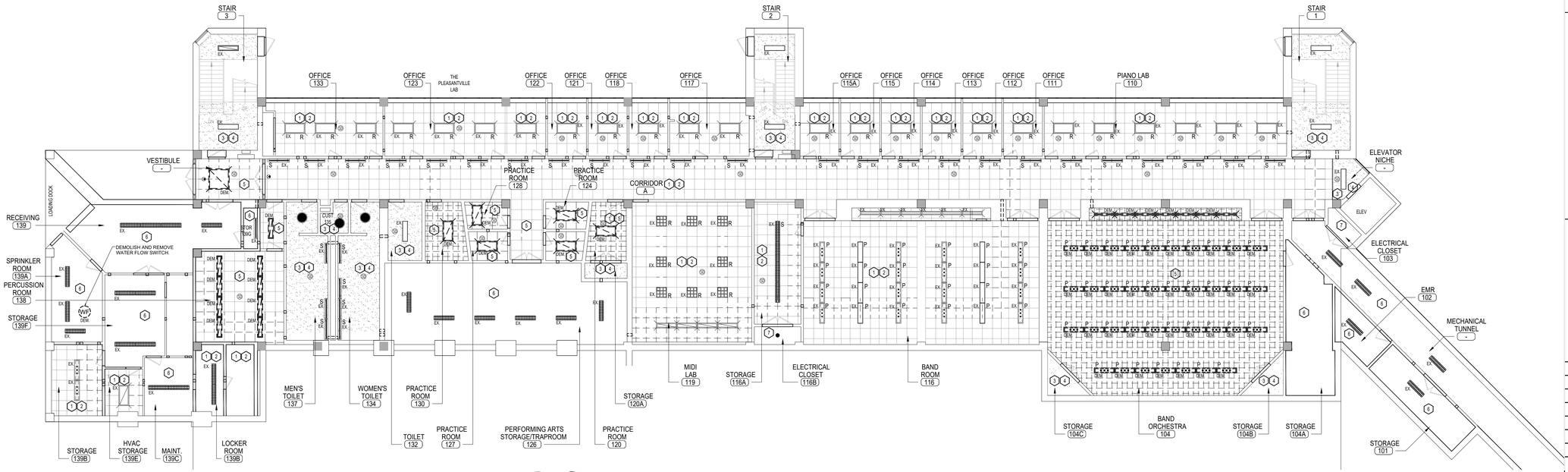
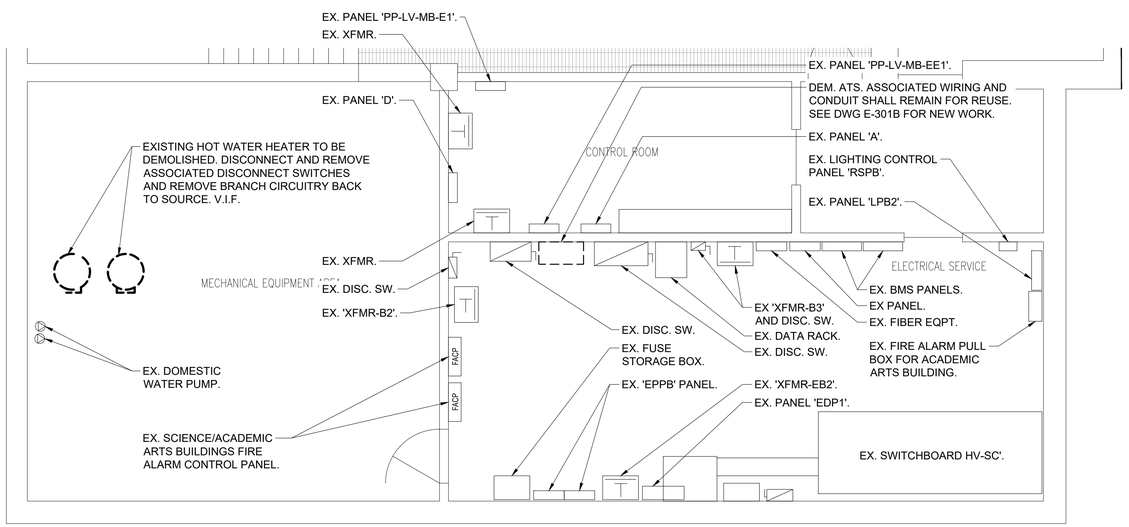


1 ELECTRICAL FIRST FLOOR DEMOLITION RCP
SCALE: 3/32" = 1'-0"
NORTH

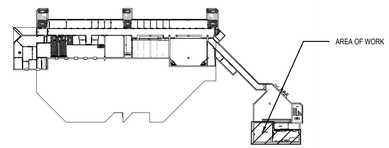
NOTES:

1. THE FOLLOWING DESIGNATIONS SHALL BE USED ON LIGHT FIXTURES TO INDICATE MOUNTING FOR EXISTING LIGHT FIXTURES:

- S : SURFACE MOUNTED
- P : PENDANT MOUNTED
- R : RECESSED



2 ELECTRICAL BASEMENT DEMOLITION PLAN
SCALE: 1/4" = 1'-0"
NORTH



3 BASEMENT KEY PLAN
SCALE: NONE
NORTH

CEILING SCOPE OF WORK LEGEND

1. - AREAS OF EXISTING ACOUSTICAL TILE AND GRID TO BE REMOVED AND REINSTALLED AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS TO ACCOMMODATE FIRE PROTECTION SYSTEM INSTALLATION. IF REQUIRED, DISCONNECT, REMOVE, AND SAFELY STORE AWAY EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE REMOVAL. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.

2. - AREAS OF EXISTING ACOUSTICAL TILE AND GRID TO BE REMOVED AND REINSTALLED AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS TO ACCOMMODATE FIRE PROTECTION SYSTEM INSTALLATION. IF REQUIRED, DISCONNECT, REMOVE, CLEAN, AND SAFELY STORE AWAY EXISTING LIGHTING FIXTURES AND CEILING MOUNTED LIGHTING CONTROLS. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE REMOVAL. EXISTING CABLING/WIRING/BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.

3. - AREAS OF EXISTING GYPSUM BOARD TO BE CUT, PATCHED, AND/OR REPLACED AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS FOR FIRE PROTECTION SYSTEM INSTALLATION. IF REQUIRED, DISCONNECT, REMOVE, AND SAFELY STORE AWAY EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC., TO ACCOMMODATE FIRE PROTECTION SYSTEM INSTALLATION. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE REMOVAL. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.

4. - AREAS OF EXISTING GYPSUM BOARD TO BE CUT, PATCHED, AND/OR REPLACED AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS FOR FIRE PROTECTION SYSTEM INSTALLATION. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE CONSTRUCTION. EXISTING CABLING/WIRING/BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.

5. - ACOUSTICAL TILE AND GRID TO BE DEMOLISHED AND REPLACED. DISCONNECT AND DEMOLISH EXISTING LIGHTING FIXTURES AND ASSOCIATED CEILING AND WALL MOUNTED LIGHTING CONTROLS. DISCONNECT, REMOVE, AND SAFELY STORE AWAY EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE CONSTRUCTION. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.

6. - OPEN CEILING.

7. - EXISTING CEILING AND ASSOCIATED CEILING MOUNTED DEVICES ARE EXISTING TO REMAIN.

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75 GRASSLAND RD
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ELECTRICAL FIRST FLOOR DEMOLITION RCP

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

E-101

one inch = one foot 2 0
three quarters inch = one foot 2 0
one half inch = one foot 0
three eighths inch = one foot 4 0
one quarter inch = one foot 8 4 0
one eighth inch = one foot 16 8 4 0

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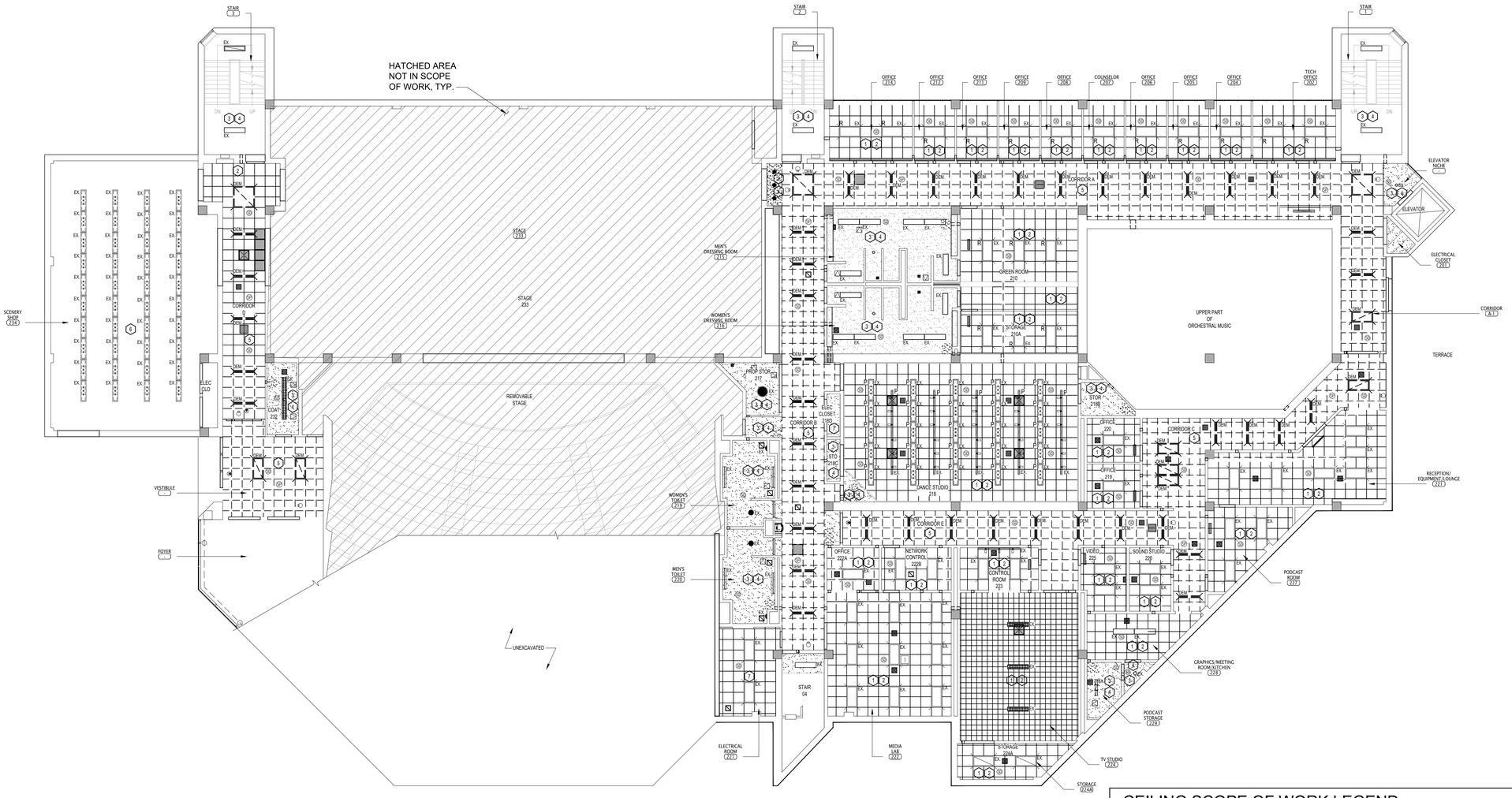

1 ELECTRICAL SECOND FLOOR DEMOLITION RCP

SCALE: 3/32" = 1'-0"

NORTH

NOTES:

1. THE FOLLOWING DESIGNATIONS SHALL BE USED ON LIGHT FIXTURES TO INDICATE MOUNTING FOR EXISTING LIGHT FIXTURES:

- S : SURFACE MOUNTED
- P : PENDANT MOUNTED
- R : RECESSED

CEILING SCOPE OF WORK LEGEND

1. - AREAS OF EXISTING ACOUSTICAL TILE AND GRID TO BE REMOVED AND REINSTALLED AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS TO ACCOMMODATE FIRE PROTECTION SYSTEM INSTALLATION. IF REQUIRED, DISCONNECT, REMOVE, AND SAFELY STORE AWAY EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE REMOVAL. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.
2. - AREAS OF EXISTING ACOUSTICAL TILE AND GRID TO BE REMOVED AND REINSTALLED AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS TO ACCOMMODATE FIRE PROTECTION SYSTEM INSTALLATION. IF REQUIRED, DISCONNECT, REMOVE, CLEAN, AND SAFELY STORE AWAY EXISTING LIGHTING FIXTURES AND CEILING MOUNTED LIGHTING CONTROLS. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE REMOVAL. EXISTING CABLING/WIRING/BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.
3. - AREAS OF EXISTING GYPSUM BOARD TO BE CUT, PATCHED, AND/OR REPLACED AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS FOR FIRE PROTECTION SYSTEM INSTALLATION. IF REQUIRED, DISCONNECT, REMOVE, AND SAFELY STORE AWAY EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC., TO ACCOMMODATE FIRE PROTECTION SYSTEM INSTALLATION. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE REMOVAL. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.
4. - AREAS OF EXISTING GYPSUM BOARD TO BE CUT, PATCHED, AND/OR REPLACED AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS FOR FIRE PROTECTION SYSTEM INSTALLATION. IF REQUIRED, DISCONNECT, REMOVE, CLEAN, AND SAFELY STORE AWAY EXISTING LIGHTING FIXTURES AND CEILING MOUNTED LIGHTING CONTROLS TO ACCOMMODATE FIRE PROTECTION SYSTEM INSTALLATION. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE CONSTRUCTION. EXISTING CABLING/WIRING/BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.
5. - ACOUSTICAL TILE AND GRID TO BE DEMOLISHED AND REPLACED. DISCONNECT AND DEMOLISH EXISTING LIGHTING FIXTURES AND ASSOCIATED CEILING AND WALL MOUNTED LIGHTING CONTROLS. DISCONNECT, REMOVE, AND SAFELY STORE AWAY EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE CONSTRUCTION. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.
6. - OPEN CEILING.
7. - EXISTING CEILING AND ASSOCIATED CEILING MOUNTED DEVICES ARE EXISTING TO REMAIN.

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PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

ELECTRICAL SECOND FLOOR DEMOLITION RCP

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

E-102

one inch = one foot 2 0
three quarters inch = one foot 6" 0
one half inch = one foot 4 0
three eighths inch = one foot 4 0
one quarter inch = one foot 8 0
one eighth inch = one foot 16 8 4 0

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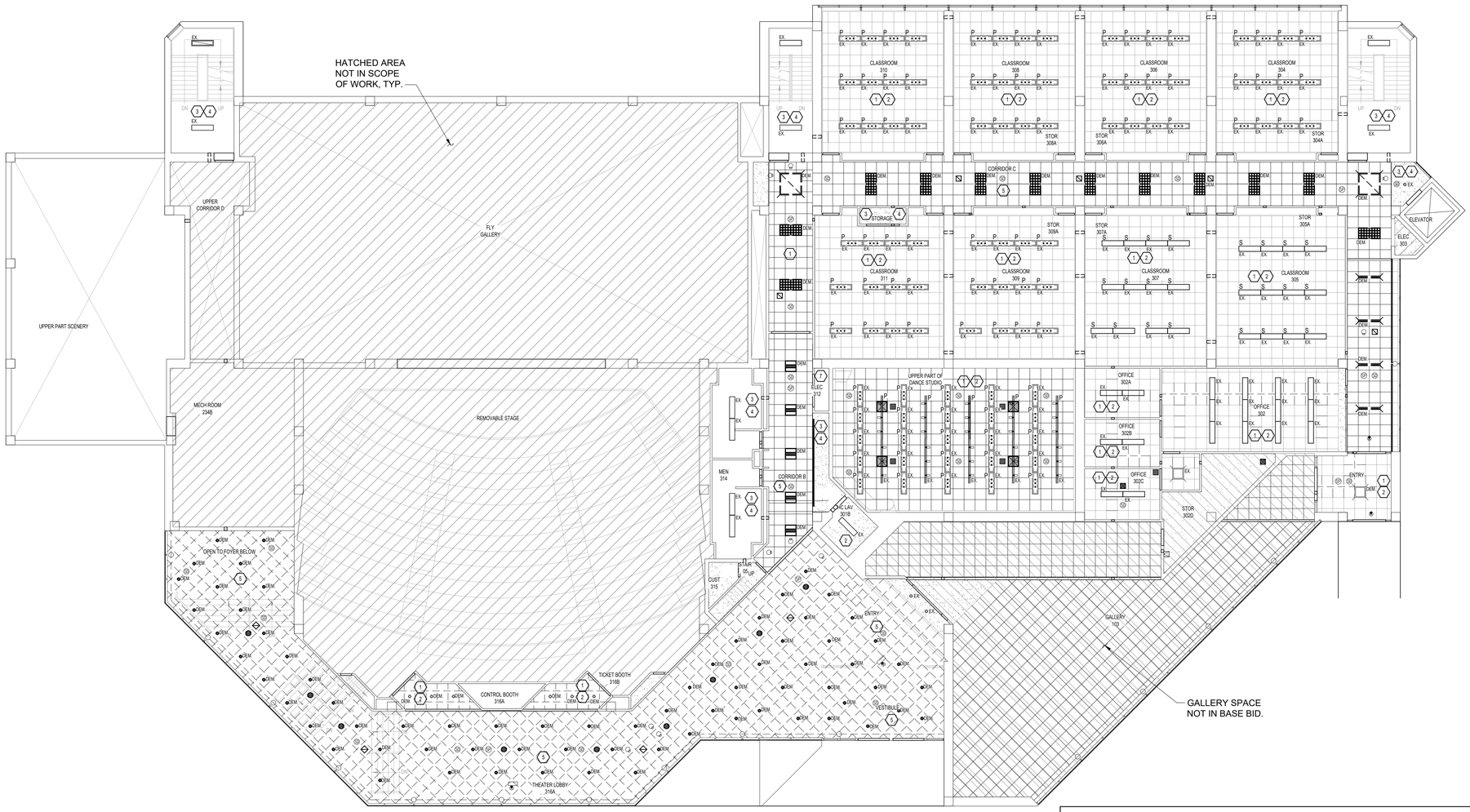

NORTH

1 ELECTRICAL THIRD FLOOR DEMOLITION RCP

SCALE: 3/32" = 1'-0"

NOTES:

1. THE FOLLOWING DESIGNATIONS SHALL BE USED ON LIGHT FIXTURES TO INDICATE MOUNTING FOR EXISTING LIGHT FIXTURES:

- S : SURFACE MOUNTED
- P : PENDANT MOUNTED
- R : RECESSED

CEILING SCOPE OF WORK LEGEND

1. - AREAS OF EXISTING ACOUSTICAL TILE AND GRID TO BE REMOVED AND REINSTALLED AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS TO ACCOMMODATE FIRE PROTECTION SYSTEM INSTALLATION. IF REQUIRED, DISCONNECT, REMOVE, AND SAFELY STORE AWAY EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE REMOVAL. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.

2. - AREAS OF EXISTING ACOUSTICAL TILE AND GRID TO BE REMOVED AND REINSTALLED AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS TO ACCOMMODATE FIRE PROTECTION SYSTEM INSTALLATION. IF REQUIRED, DISCONNECT, REMOVE, CLEAN, AND SAFELY STORE AWAY EXISTING LIGHTING FIXTURES AND CEILING MOUNTED LIGHTING CONTROLS. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE REMOVAL. EXISTING CABLING/WIRING/BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.

3. - AREAS OF EXISTING GYPSUM BOARD TO BE CUT, PATCHED, AND/OR REPLACED AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS FOR FIRE PROTECTION SYSTEM INSTALLATION. IF REQUIRED, DISCONNECT, REMOVE, AND SAFELY STORE AWAY EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC., TO ACCOMMODATE FIRE PROTECTION SYSTEM INSTALLATION. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE REMOVAL. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.

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5. - ACOUSTICAL TILE AND GRID TO BE DEMOLISHED AND REPLACED. DISCONNECT AND DEMOLISH EXISTING LIGHTING FIXTURES AND ASSOCIATED CEILING AND WALL MOUNTED LIGHTING CONTROLS. DISCONNECT, REMOVE, AND SAFELY STORE AWAY EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE CONSTRUCTION. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.

6. - OPEN CEILING.

7. - EXISTING CEILING AND ASSOCIATED CEILING MOUNTED DEVICES ARE EXISTING TO REMAIN.

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SUNY WESTCHESTER COMMUNITY COLLEGE

ISSUE NO.	ISSUE DATE	DESCRIPTION
1	07-17-2026	ISSUED FOR BID

WESTCHESTER COMMUNITY COLLEGE

ACADEMIC ARTS BUILDING
INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

ELECTRICAL THIRD FLOOR DEMOLITION RCP

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

E-103

one inch = one foot 2
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one quarter inch = one foot 0 4 8
one eighth inch = one foot 0 4 8 16

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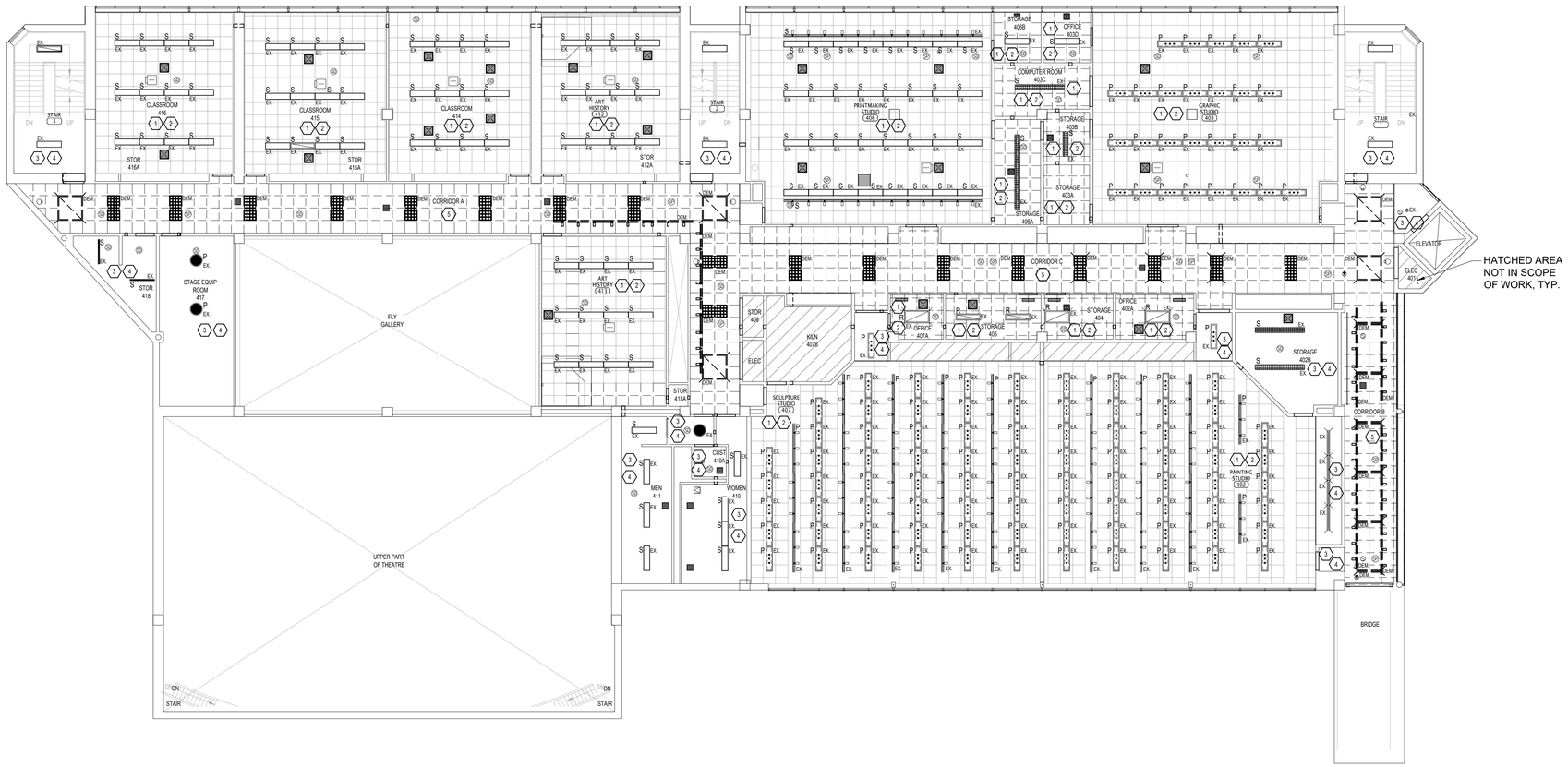

NORTH

1 ELECTRICAL FOURTH FLOOR DEMOLITION RCP

SCALE: 3/32" = 1'-0"

NOTES:

1. THE FOLLOWING DESIGNATIONS SHALL BE USED ON LIGHT FIXTURES TO INDICATE MOUNTING FOR EXISTING LIGHT FIXTURES:

- S : SURFACE MOUNTED
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CEILING SCOPE OF WORK LEGEND

1. - AREAS OF EXISTING ACOUSTICAL TILE AND GRID TO BE REMOVED AND REINSTALLED AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS TO ACCOMMODATE FIRE PROTECTION SYSTEM INSTALLATION. IF REQUIRED, DISCONNECT, REMOVE, AND SAFELY STORE AWAY EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION BEFORE REMOVAL. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY SHALL BE SAFE-OFF AND REMAIN FOR RE-USE.
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ELECTRICAL FOURTH FLOOR DEMOLITION RCP

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

E-104

one inch = one foot 0 6" 2
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one quarter inch = one foot 0 4 8
one eighth inch = one foot 0 4 8 16

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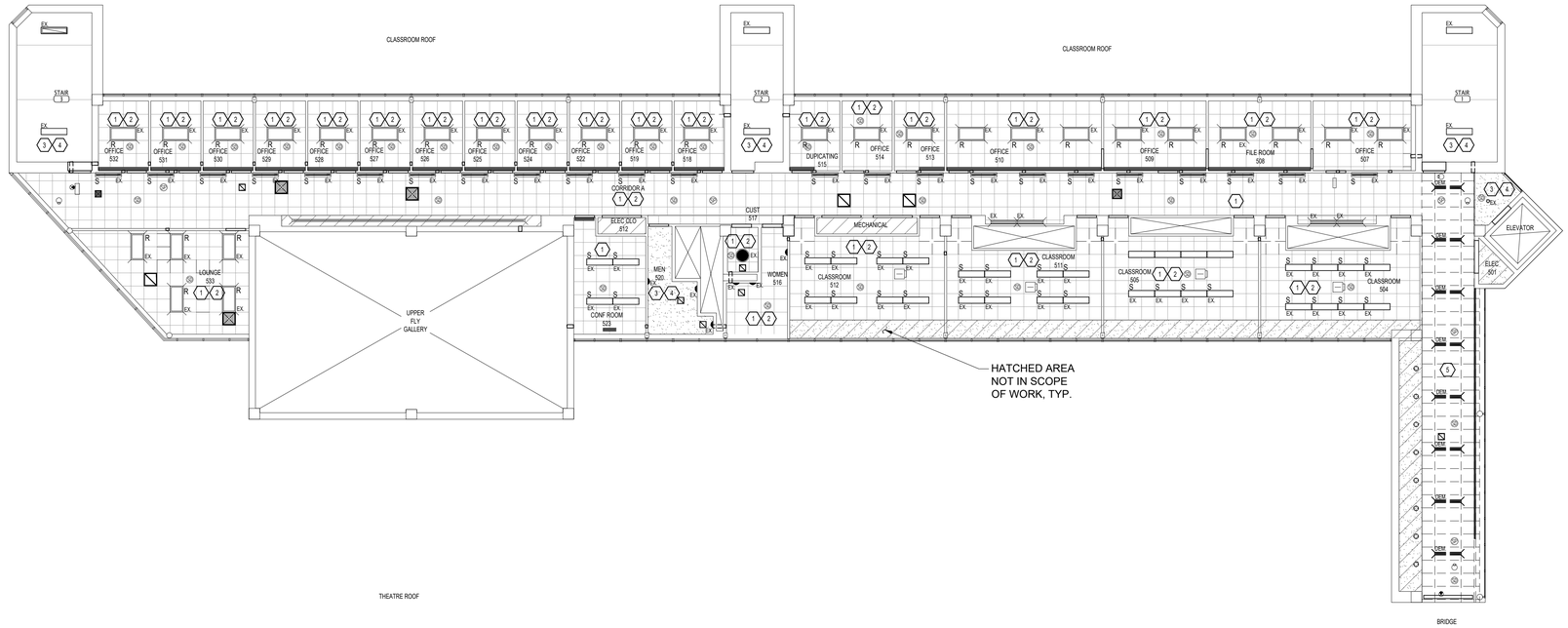

NORTH

1 ELECTRICAL FIFTH FLOOR DEMOLITION RCP

SCALE: 3/32" = 1'-0"

NOTES:

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PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

ELECTRICAL FIFTH FLOOR DEMOLITION RCP

PROJECT NO.: 2675-00 SCALE: AS NOTED

DRAWING NO.:

E-105

one inch = one foot 0 6" 2
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one quarter inch = one foot 0 4 8
one eighth inch = one foot 0 4 8 16

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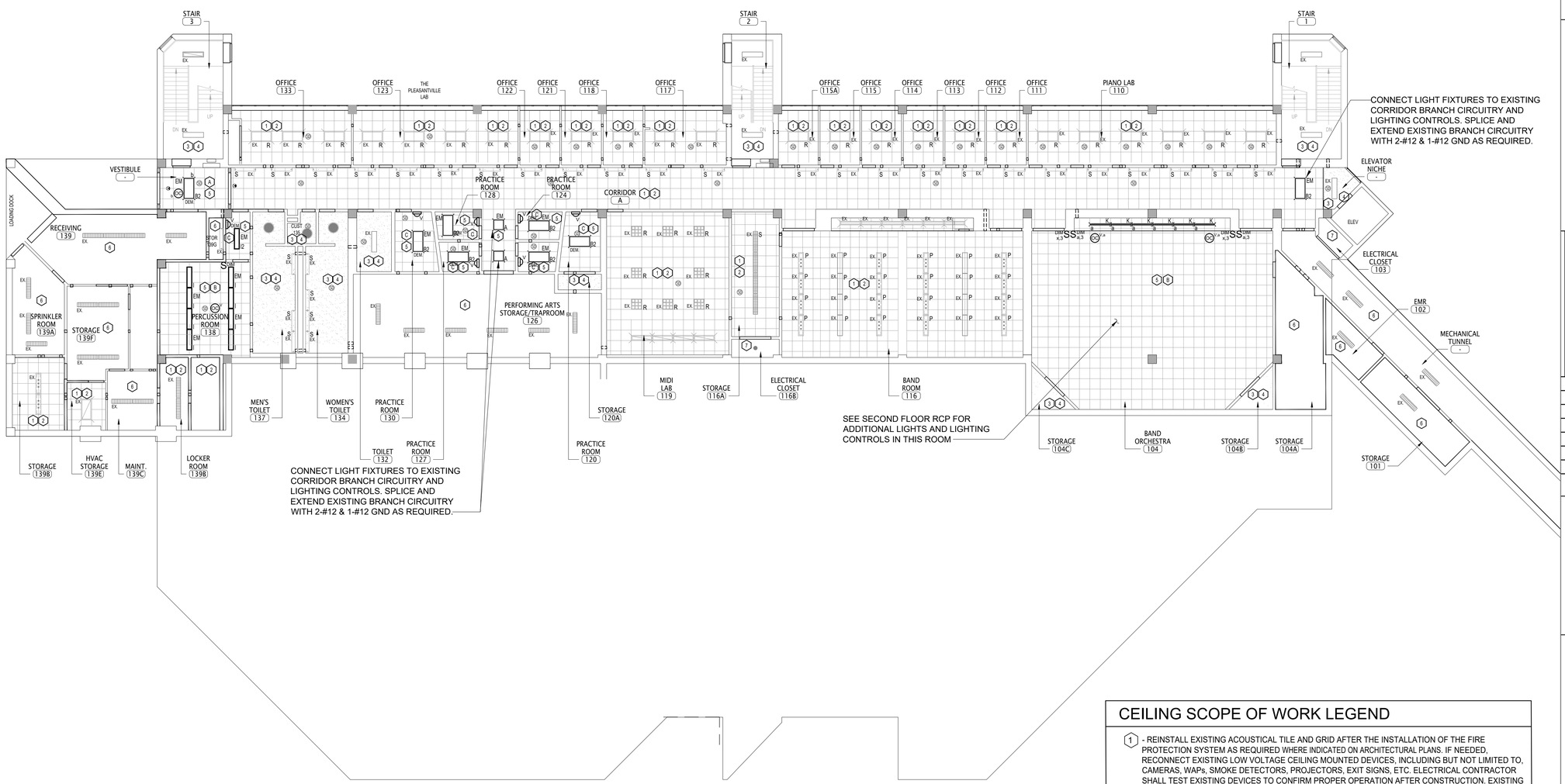

NORTH

1 ELECTRICAL FIRST FLOOR RCP

SCALE: 3/32" = 1'-0"

NOTES:

1. ALL EXISTING CABLING, CONDUIT, ETC. SHALL BE SECURED TO THE BUILDING STRUCTURE.

LIGHTING CONTROLS LEGEND

- (A) LOW VOLTAGE CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSORS WITH MANUAL OFF WALL SWITCHES AND AUTOMATIC TIMER. LIGHTS SHALL BE PROGRAMMED TO TIME ON AT START OF BUSINESS DAY. DURING BUSINESS HOURS, LIGHT FIXTURES SHALL BE DIMMED TO 50%, MAX. WHILE SPACE IS UNOCCUPIED AND BECOME FULL BRIGHT WHEN OCCUPANCY IS DETECTED. AT END OF BUSINESS DAYS, LIGHT FIXTURES SHALL TIMEOUT AND SHUT OFF AFTER HOURS. UPON DETECTION OF OCCUPANCY, LIGHTS SHALL BECOME FULL BRIGHT.
- (B) LOW VOLTAGE MANUAL WALL SWITCH/DIMMER WITH CEILING MOUNTED DUAL TECHNOLOGY VACANCY SENSOR.
- (C) LINE VOLTAGE WALL MOUNTED DUAL TECHNOLOGY VACANCY SENSOR.

CEILING SCOPE OF WORK LEGEND

- (1) - REINSTALL EXISTING ACOUSTICAL TILE AND GRID AFTER THE INSTALLATION OF THE FIRE PROTECTION SYSTEM AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS. IF NEEDED, RECONNECT EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY TO BE RE-USED.
- (2) - REINSTALL EXISTING ACOUSTICAL TILE AND GRID AFTER THE INSTALLATION OF THE FIRE PROTECTION SYSTEM AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS. IF NEEDED, RECONNECT EXISTING LIGHTING FIXTURES AND EXISTING CEILING MOUNTED LIGHTING FIXTURE CONTROLS. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION. EXISTING BRANCH CIRCUITRY TO BE RE-USED.
- (3) - EXISTING GYPSUM BOARD TO BE CUT, PATCHED AND/OR REPLACED AND PAINTED TO MATCH EXISTING FOR FIRE PROTECTION SYSTEM INSTALLATION AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS. IF NEEDED, RECONNECT EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY TO BE RE-USED.
- (4) - EXISTING GYPSUM BOARD TO BE CUT, PATCHED AND/OR REPLACED AND PAINTED TO MATCH EXISTING FOR FIRE PROTECTION SYSTEM INSTALLATION AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS. IF NEEDED, RECONNECT EXISTING LIGHTING FIXTURES. RECONNECT EXISTING CEILING MOUNTED LIGHTING FIXTURE CONTROLS. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION. EXISTING BRANCH CIRCUITRY TO BE RE-USED.
- (5) - NEW ACOUSTICAL TILE AND GRID. CONNECT NEW LIGHTING FIXTURES, LIGHTING CONTROLS, AND EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY TO BE RE-USED. ELECTRICAL CONTRACTOR SHALL TEST EXISTING AND NEW DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION.
- (6) - OPEN CEILING.
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INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

ELECTRICAL FIRST FLOOR RCP

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

E-201

one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
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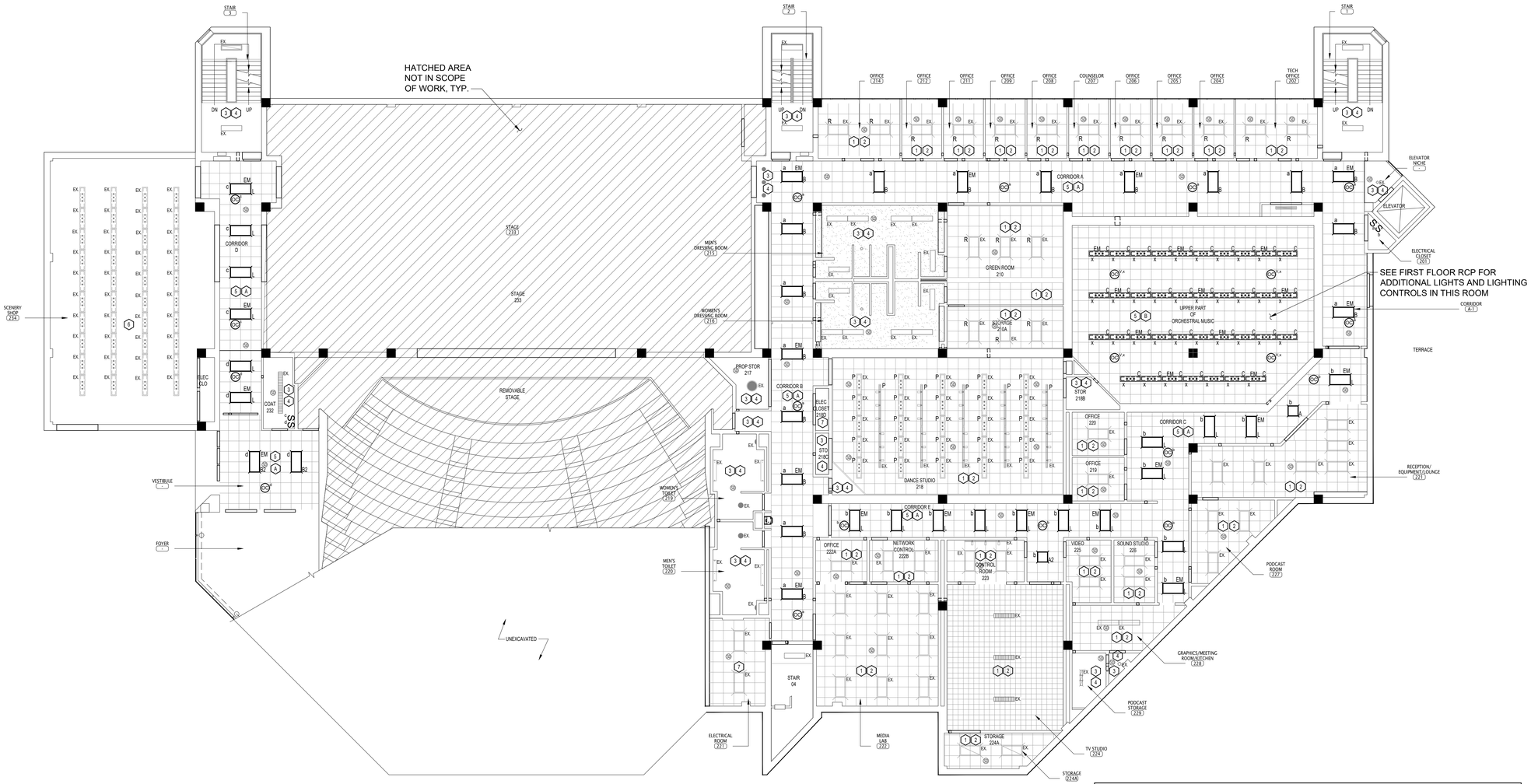

NORTH

1 ELECTRICAL SECOND FLOOR RCP

SCALE: 3/32" = 1'-0"

NOTES:

1. ALL EXISTING CABLING, CONDUIT, ETC. SHALL BE SECURED TO THE BUILDING STRUCTURE.
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- S : SURFACE MOUNTED
- P : PENDANT MOUNTED
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LIGHTING CONTROLS LEGEND

- (A) LOW VOLTAGE CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSORS WITH MANUAL OFF WALL SWITCHES AND AUTOMATIC TIMER. LIGHTS SHALL BE PROGRAMMED TO TIME ON AT START OF BUSINESS DAY. DURING BUSINESS HOURS, LIGHT FIXTURES SHALL BE DIMMED TO 50%, MAX. WHILE SPACE IS UNOCCUPIED AND BECOME FULL BRIGHT WHEN OCCUPANCY IS DETECTED. AT END OF BUSINESS DAYS, LIGHT FIXTURES SHALL TIMEOUT AND SHUT OFF AFTER HOURS. UPON DETECTION OF OCCUPANCY, LIGHTS SHALL BECOME FULL BRIGHT.
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CEILING SCOPE OF WORK LEGEND

1. - REINSTALL EXISTING ACOUSTICAL TILE AND GRID AFTER THE INSTALLATION OF THE FIRE PROTECTION SYSTEM AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS. IF NEEDED, RECONNECT EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY TO BE RE-USED.
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PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

E-202

one inch = one foot 0 6" 2
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one quarter inch = one foot 0 4 8
one eighth inch = one foot 0 4 8 16

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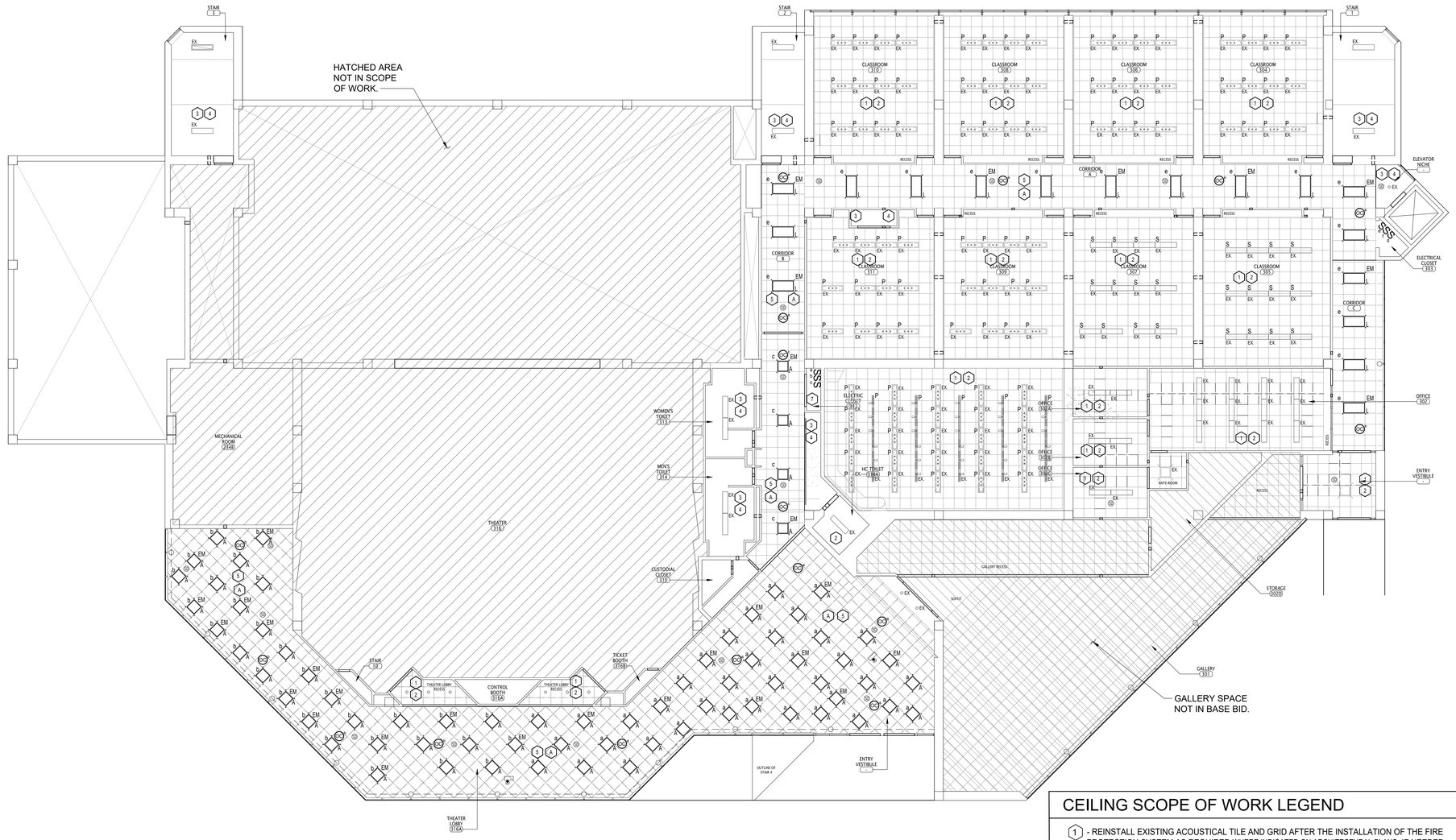

1 ELECTRICAL THIRD FLOOR RCP
SCALE: 3/32" = 1'-0"

NOTES:

1. ALL EXISTING CABLING, CONDUIT, ETC. SHALL BE SECURED TO THE BUILDING STRUCTURE.
2. THE FOLLOWING DESIGNATIONS SHALL BE USED ON LIGHT FIXTURES TO INDICATE MOUNTING FOR EXISTING LIGHT FIXTURES:

- S : SURFACE MOUNTED
- P : PENDANT MOUNTED
- R : RECESSED

LIGHTING CONTROLS LEGEND

(A) LOW VOLTAGE CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSORS WITH MANUAL OFF WALL SWITCHES AND AUTOMATIC TIMER. LIGHTS SHALL BE PROGRAMMED TO TIME ON AT START OF BUSINESS DAY. DURING BUSINESS HOURS, LIGHT FIXTURES SHALL BE DIMMED TO 50%, MAX, WHILE SPACE IS UNOCCUPIED AND BECOME FULL BRIGHT WHEN OCCUPANCY IS DETECTED. AT END OF BUSINESS DAYS, LIGHT FIXTURES SHALL TIMEOUT AND SHUT OFF AFTER HOURS. UPON DETECTION OF OCCUPANCY, LIGHTS SHALL BECOME FULL BRIGHT.

(B) LOW VOLTAGE MANUAL WALL SWITCH/DIMMER WITH CEILING MOUNTED DUAL TECHNOLOGY VACANCY SENSOR.

(C) LINE VOLTAGE WALL MOUNTED DUAL TECHNOLOGY VACANCY SENSOR.

CEILING SCOPE OF WORK LEGEND

(1) - REINSTALL EXISTING ACOUSTICAL TILE AND GRID AFTER THE INSTALLATION OF THE FIRE PROTECTION SYSTEM AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS. IF NEEDED, RECONNECT EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY TO BE RE-USED.

(2) - REINSTALL EXISTING ACOUSTICAL TILE AND GRID AFTER THE INSTALLATION OF THE FIRE PROTECTION SYSTEM AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS. IF NEEDED, RECONNECT EXISTING LIGHTING FIXTURES AND EXISTING CEILING MOUNTED LIGHTING FIXTURE CONTROLS. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION. EXISTING BRANCH CIRCUITRY TO BE RE-USED.

(3) - EXISTING GYPSUM BOARD TO BE CUT, PATCHED AND/OR REPLACED AND PAINTED TO MATCH EXISTING FOR FIRE PROTECTION SYSTEM INSTALLATION AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS. IF NEEDED, RECONNECT EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY TO BE RE-USED.

(4) - EXISTING GYPSUM BOARD TO BE CUT, PATCHED AND/OR REPLACED AND PAINTED TO MATCH EXISTING FOR FIRE PROTECTION SYSTEM INSTALLATION AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS. IF NEEDED, RECONNECT EXISTING LIGHTING FIXTURES. RECONNECT EXISTING CEILING MOUNTED LIGHTING FIXTURE CONTROLS. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION. EXISTING BRANCH CIRCUITRY TO BE RE-USED.

(5) - NEW ACOUSTICAL TILE AND GRID. CONNECT NEW LIGHTING FIXTURES, LIGHTING CONTROLS, AND EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY TO BE RE-USED. ELECTRICAL CONTRACTOR SHALL TEST EXISTING AND NEW DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION.

(6) - OPEN CEILING.

(7) - EXISTING CEILING AND ASSOCIATED CEILING MOUNTED DEVICES ARE EXISTING TO REMAIN.

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SUNY WESTCHESTER COMMUNITY COLLEGE

ISSUE NO.	ISSUE DATE	DESCRIPTION
1	07-17-2026	ISSUED FOR BID

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ACADEMIC ARTS BUILDING
INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

ELECTRICAL THIRD FLOOR RCP

PROJECT NO.: 2675-00
SCALE: AS NOTED

DRAWING NO.:

E-203

one inch = one foot 0 6" 2
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one quarter inch = one foot 0 4 8
one eighth inch = one foot 0 8 16

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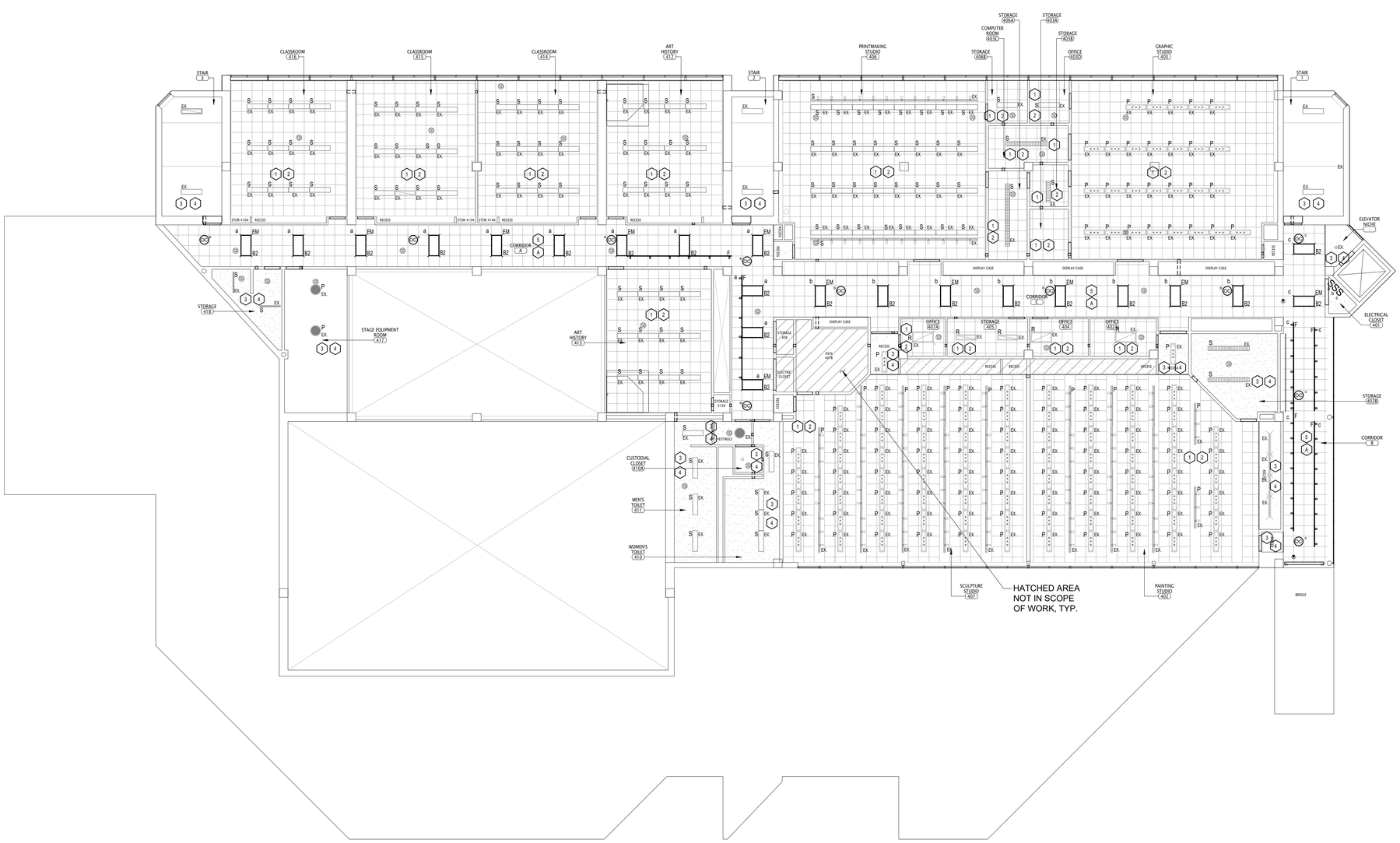

1 ELECTRICAL FOURTH FLOOR RCP
SCALE: 3/32" = 1'-0"

NORTH

NOTES:

1. ALL EXISTING CABLING, CONDUIT, ETC. SHALL BE SECURED TO THE BUILDING STRUCTURE.
2. THE FOLLOWING DESIGNATIONS SHALL BE USED ON LIGHT FIXTURES TO INDICATE MOUNTING FOR EXISTING LIGHT FIXTURES:

- S : SURFACE MOUNTED
- P : PENDANT MOUNTED
- R : RECESSED

LIGHTING CONTROLS LEGEND

(A) LOW VOLTAGE CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSORS WITH MANUAL OFF WALL SWITCHES AND AUTOMATIC TIMER. LIGHTS SHALL BE PROGRAMMED TO TIME ON AT START OF BUSINESS DAY. DURING BUSINESS HOURS, LIGHT FIXTURES SHALL BE DIMMED TO 50%, MAX, WHILE SPACE IS UNOCCUPIED AND BECOME FULL BRIGHT WHEN OCCUPANCY IS DETECTED. AT END OF BUSINESS DAYS, LIGHT FIXTURES SHALL TIMEOUT AND SHUT OFF AFTER HOURS. UPON DETECTION OF OCCUPANCY, LIGHTS SHALL BECOME FULL BRIGHT.

(B) LOW VOLTAGE MANUAL WALL SWITCH/DIMMER WITH CEILING MOUNTED DUAL TECHNOLOGY VACANCY SENSOR.

(C) LINE VOLTAGE WALL MOUNTED DUAL TECHNOLOGY VACANCY SENSOR.

CEILING SCOPE OF WORK LEGEND

1 - REINSTALL EXISTING ACOUSTICAL TILE AND GRID AFTER THE INSTALLATION OF THE FIRE PROTECTION SYSTEM AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS. IF NEEDED, RECONNECT EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY TO BE RE-USED.

2 - REINSTALL EXISTING ACOUSTICAL TILE AND GRID AFTER THE INSTALLATION OF THE FIRE PROTECTION SYSTEM AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS. IF NEEDED, RECONNECT EXISTING LIGHTING FIXTURES AND EXISTING CEILING MOUNTED LIGHTING FIXTURE CONTROLS. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION. EXISTING BRANCH CIRCUITRY TO BE RE-USED.

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5 - NEW ACOUSTICAL TILE AND GRID. CONNECT NEW LIGHTING FIXTURES, LIGHTING CONTROLS, AND EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY TO BE RE-USED. ELECTRICAL CONTRACTOR SHALL TEST EXISTING AND NEW DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION.

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ACADEMIC ARTS BUILDING
INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

ELECTRICAL FOURTH FLOOR RCP

PROJECT NO.: 2675-00
SCALE: AS NOTED

DRAWING NO.:

E-204

one eighth inch = one foot
one quarter inch = one foot
one half inch = one foot
three eighths inch = one foot
three quarters inch = one foot
one inch = one foot

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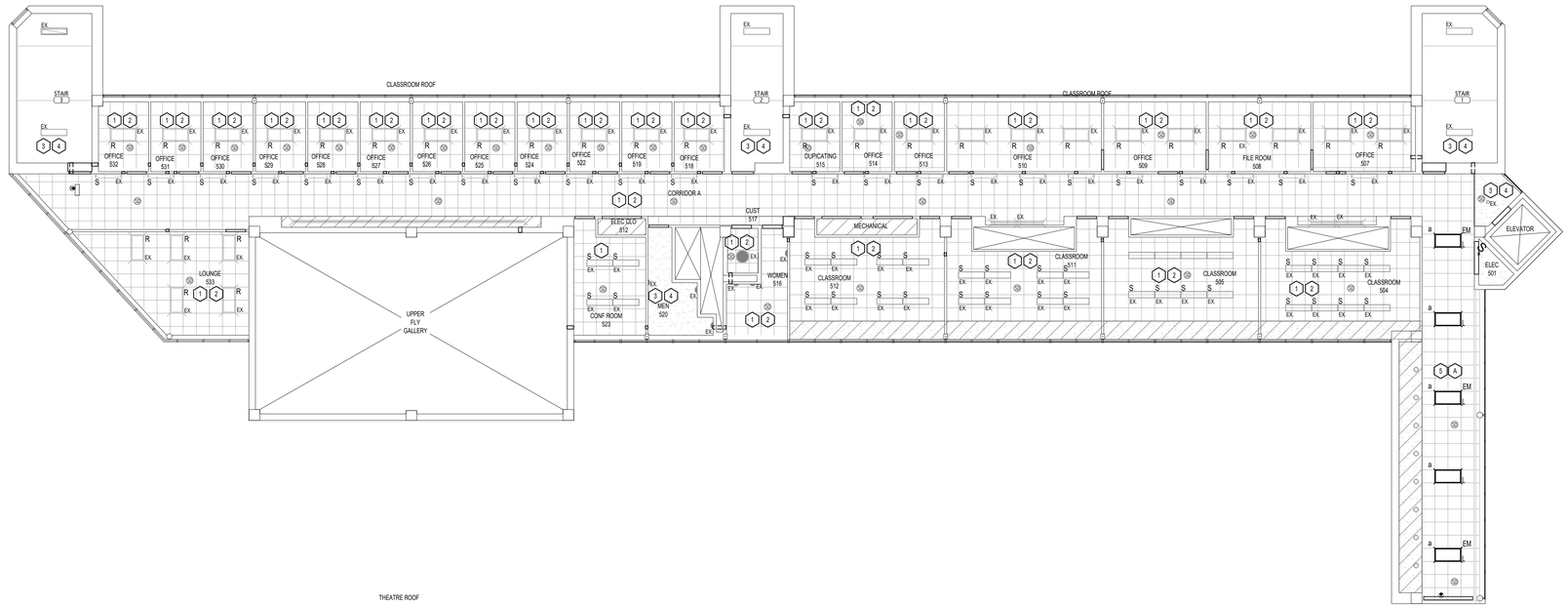

NORTH

1 ELECTRICAL FIFTH FLOOR RCP

SCALE: 3/32" = 1'-0"

NOTES:

1. ALL EXISTING CABLING, CONDUIT, ETC. SHALL BE SECURED TO THE BUILDING STRUCTURE.
2. THE FOLLOWING DESIGNATIONS SHALL BE USED ON LIGHT FIXTURES TO INDICATE MOUNTING FOR EXISTING LIGHT FIXTURES:

- S : SURFACE MOUNTED
- P : PENDANT MOUNTED
- R : RECESSED

LIGHTING CONTROLS LEGEND

(A) LOW VOLTAGE CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSORS WITH MANUAL OFF WALL SWITCHES AND AUTOMATIC TIMER. LIGHTS SHALL BE PROGRAMMED TO TIME ON AT START OF BUSINESS DAY. DURING BUSINESS HOURS, LIGHT FIXTURES SHALL BE DIMMED TO 50%, MAX, WHILE SPACE IS UNOCCUPIED AND BECOME FULL BRIGHT WHEN OCCUPANCY IS DETECTED. AT END OF BUSINESS DAYS, LIGHT FIXTURES SHALL TIMEOUT AND SHUT OFF AFTER HOURS. UPON DETECTION OF OCCUPANCY, LIGHTS SHALL BECOME FULL BRIGHT.

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(C) LINE VOLTAGE WALL MOUNTED DUAL TECHNOLOGY VACANCY SENSOR.

CEILING SCOPE OF WORK LEGEND

(1) - REINSTALL EXISTING ACOUSTICAL TILE AND GRID AFTER THE INSTALLATION OF THE FIRE PROTECTION SYSTEM AS REQUIRED WHERE INDICATED ON ARCHITECTURAL PLANS. IF NEEDED, RECONNECT EXISTING LOW VOLTAGE CEILING MOUNTED DEVICES, INCLUDING BUT NOT LIMITED TO, CAMERAS, WAPs, SMOKE DETECTORS, PROJECTORS, EXIT SIGNS, ETC. ELECTRICAL CONTRACTOR SHALL TEST EXISTING DEVICES TO CONFIRM PROPER OPERATION AFTER CONSTRUCTION. EXISTING CABLING/WIRING/ BRANCH CIRCUITRY TO BE RE-USED.

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(6) - OPEN CEILING.

(7) - EXISTING CEILING AND ASSOCIATED CEILING MOUNTED DEVICES ARE EXISTING TO REMAIN.

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ACADEMIC ARTS BUILDING
INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

ELECTRICAL FIFTH FLOOR RCP

PROJECT NO.: 2675-00
SCALE: AS NOTED

DRAWING NO.:

E-205

one inch = one foot 0 6" 2
three quarters inch = one foot 0 6" 2 4
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one quarter inch = one foot 0 4 8
one eighth inch = one foot 0 4 8 16

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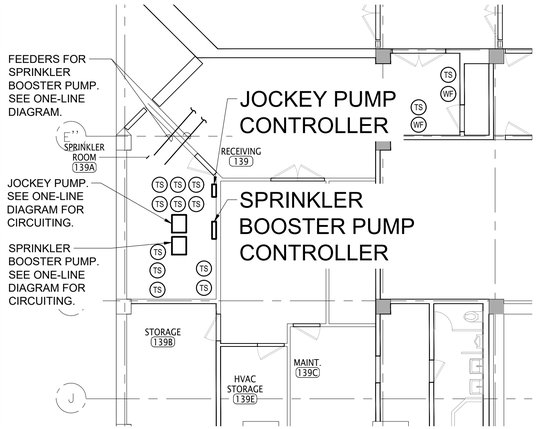
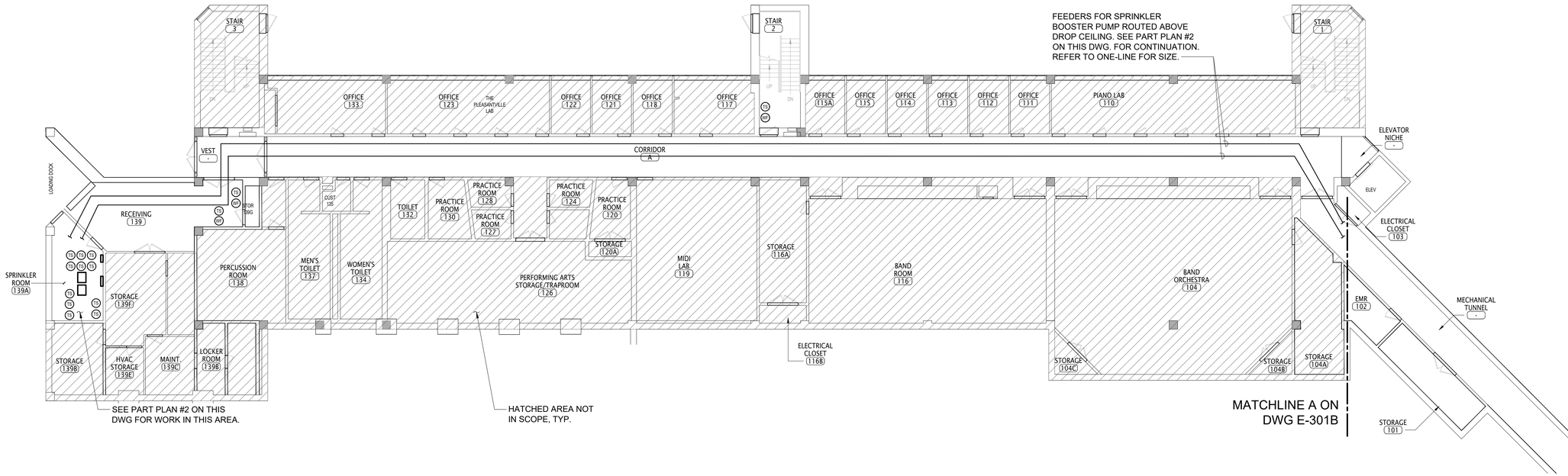


2 SPRINKLER ROOM PART PLAN
SCALE: 1/8" = 1'-0"

NORTH



1 ELECTRICAL FIRST FLOOR PLAN
SCALE: 3/32" = 1'-0"

NORTH

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PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

ELECTRICAL ACADEMIC ARTS CELLAR & FIRST FLOOR PLAN

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

E-301A

one inch = one foot 0 6" 2
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4 8
one quarter inch = one foot 0 4 8
one eighth inch = one foot 0 4 8 16

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PHASING NOTES FOR AUTOMATIC TRANSFER SWITCH REPLACEMENT

ELECTRICAL AND STANDBY GENERATOR POWER DISCONNECTION OF EXISTING TO BE REPLACED AUTOMATIC TRANSFER SWITCH (ATS) SERVING EXISTING CHILLER.

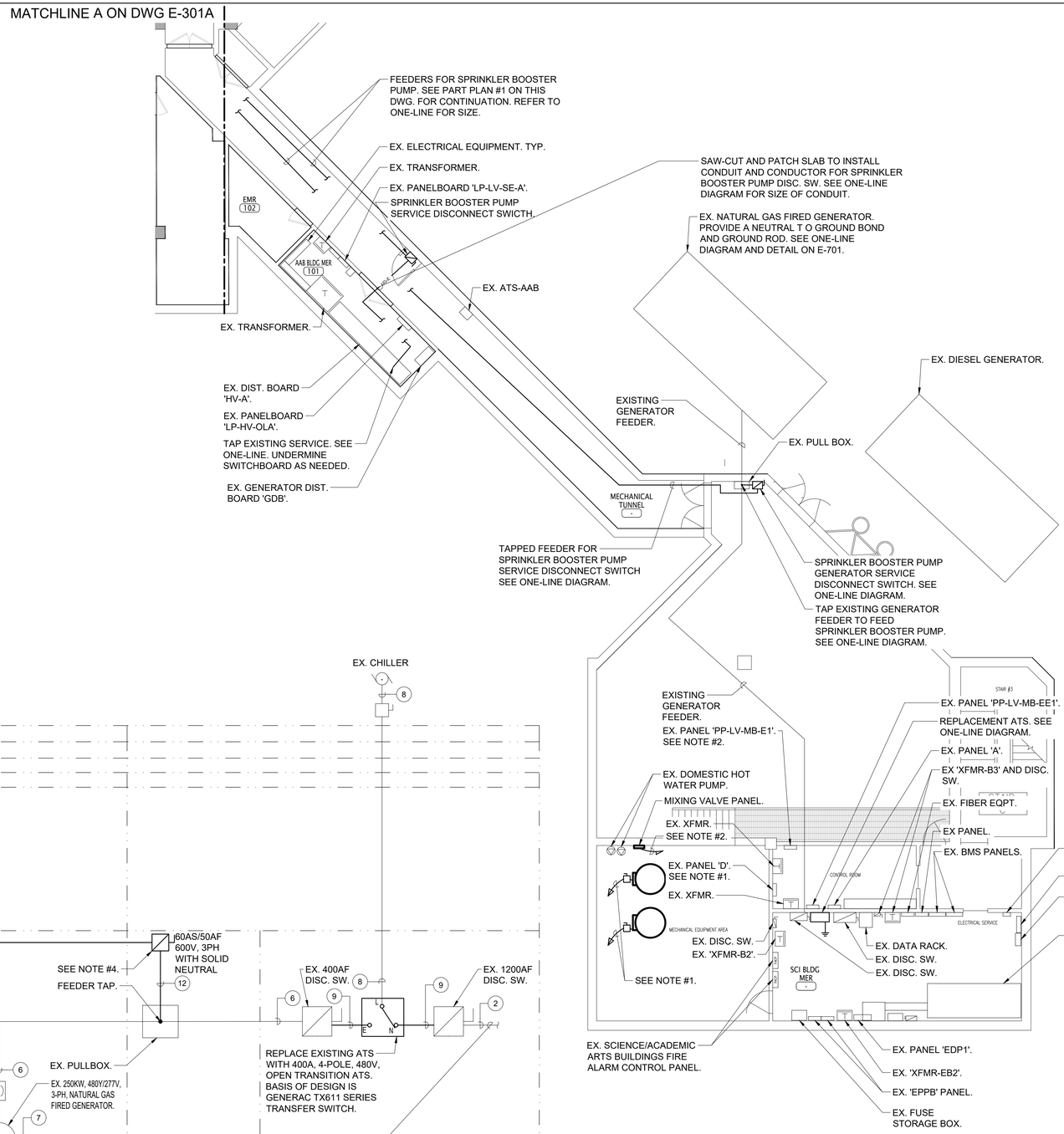
1.) THE CONTRACTOR SHALL INCLUDE IN THE BASE BID ALL COST FOR PHASING THE WORK.

2.) ALL ELECTRICAL AND STANDBY GENERATOR POWER DISCONNECTION FOR THE EXISTING TO BE REPLACED AUTOMATIC TRANSFER SWITCH SERVING AN EXISTING CHILLER FOR THE SCIENCE BUILDING SHALL BE KEPT TO A MINIMUM. WORK SHOULD BE DONE STARTING 12 NOON ON A FRIDAY AND ENDING BY 1:00AM MONDAY MORNING WHEN THE BUILDING IS UNOCCUPIED IF NEEDED. COORDINATE TIME AND DURATION OF DISCONNECTION WITH CLIENT. PROVIDE TWO WEEKS ADVANCE NOTICE TO CLIENT OF THE ELECTRICAL AND STANDBY GENERATOR POWER DISCONNECTION. AT NO TIME SHALL THE EXISTING CHILLER SERVING THE SCIENCE BUILDING BE LEFT WITHOUT NORMAL ELECTRICAL POWER.

3.) THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY CABLES, TERMINATION, TESTING, AS REQUIRED TO KEEP NORMAL ELECTRICAL POWER TO THE EXISTING CHILLER DURING THE ATS REPLACEMENT.

4.) THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING AND COMMISSIONING OF REPLACEMENT ATS BEFORE TURNING IT OVER TO THE CLIENT.

5.) CONTRACTOR SHALL PROVIDE A PHASING PLAN FOR ENGINEER AND CLIENT REVIEW AND APPROVAL DURING THE SUBMITTAL PHASE.



2 ACADEMIC ARTS BLDG PARTIAL ONE-LINE DIAGRAM

SCALE: NONE

NOTES:

1. ALL EQUIPMENT SHOWN IS EXISTING TO REMAIN, UON.
2. ALL CIRCUIT BREAKERS AND SWITCHES ARE 3 POLE, U.O.N.
3. COMBINATION ATS/CONTROLLER FOR SPRINKLER BOOSTER PUMP. PROVIDE WITH A PLACARD INDICATING LOCATION OF SPRINKLER BOOSTER PUMP SERVICE SWITCH AND GENERATOR SWITCH AND KEY FOR THE LOCKS ON THE SWITCHES.
4. SPRINKLER BOOSTER PUMP SERVICE SWITCH WITH RED COLOR ENCLOSURE. PROVIDE LABEL WITH 1" HIGH LETTERS MINIMUM WITH WORDS "SPRINKLER BOOSTER PUMP-DO NOT DISCONNECT" AND MOUNT ON THE OUTSIDE COVER OF SWITCH. PROVIDE LOCK FOR SWITCH TO LOCK IN THE CLOSED POSITION.

WIRING/CONDUIT LEGEND:

1. EXISTING PRIMARY FEEDERS TO REMAIN.
2. EX. CONDUCTORS AND CONDUIT.
3. 3-#4 & 1-# 8 GND IN 2-HR RATED MC ABLE (VITALINK).
4. 4-#6 & 1-# 6 GND IN 1" C IN TRENCH.
5. 1-#8 GROUNDING ELECTRODE.
6. EX. 4-#500MCM & GND IN EX. CONDUIT.
7. #1/0 NEUTRAL TO GROUND BOND.
8. EX. 3-#500MCM & GND IN EX. CONDUIT.
9. 4-#500MCM & 1-#2 GND IN 3" C.
10. 3-#12 & 1-#12 GND IN 3/4" C.
11. CONTROL WIRING PER MANUFACTURER IN 2-HR RATED MC CABLE (VITALINK) FROM GENERATOR CONTROLLER.
12. 3-#6 & 1-#10 GND IN 1" C.

NORTH

1 ELECTRICAL SCIENCE BUILDING CELLAR PLAN

SCALE: 1/8" = 1'-0"

NOTES:

1. REPLACE TWO (2) SPARE 3P-15A CB (CUTLER HAMMER HFD 65KAIC MODEL) ON CIRCUITS 31,33,35 AND 37,39,41 WITH TWO (2) 3P-40A CB IN EXISTING PANEL D FOR ELECTRIC HOT WATER HEATERS. PROVIDE 3-#8 & 1-#10 GND IN 3/4"C FOR EACH HOT WATER HEATER.

2.) UTILIZE ONE (1) SPARE 1P-20A CB IN EX. PANEL PP-LV-MB-E1 ON CIRCUIT 14 FOR NEW CONTROLLER. PROVIDE 2-#12 & 1-#12 GND IN 3/4" C.

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ELECTRICAL SCIENCE BUILDING CELLAR PLAN & PARTIAL ONE-LINE DIAGRAM

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

E-301B

one inch = one foot 0 6" 2
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one quarter inch = one foot 0 4 8
one eighth inch = one foot 0 4 8 16

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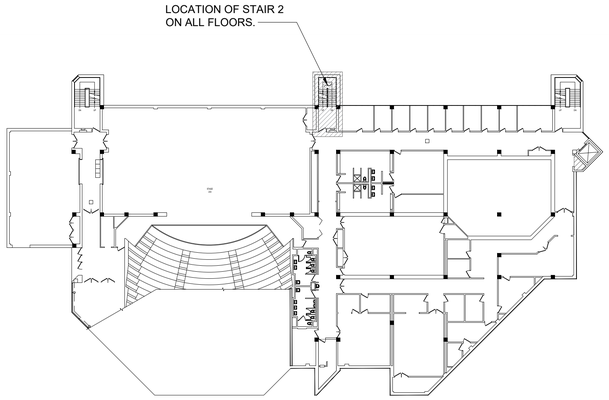
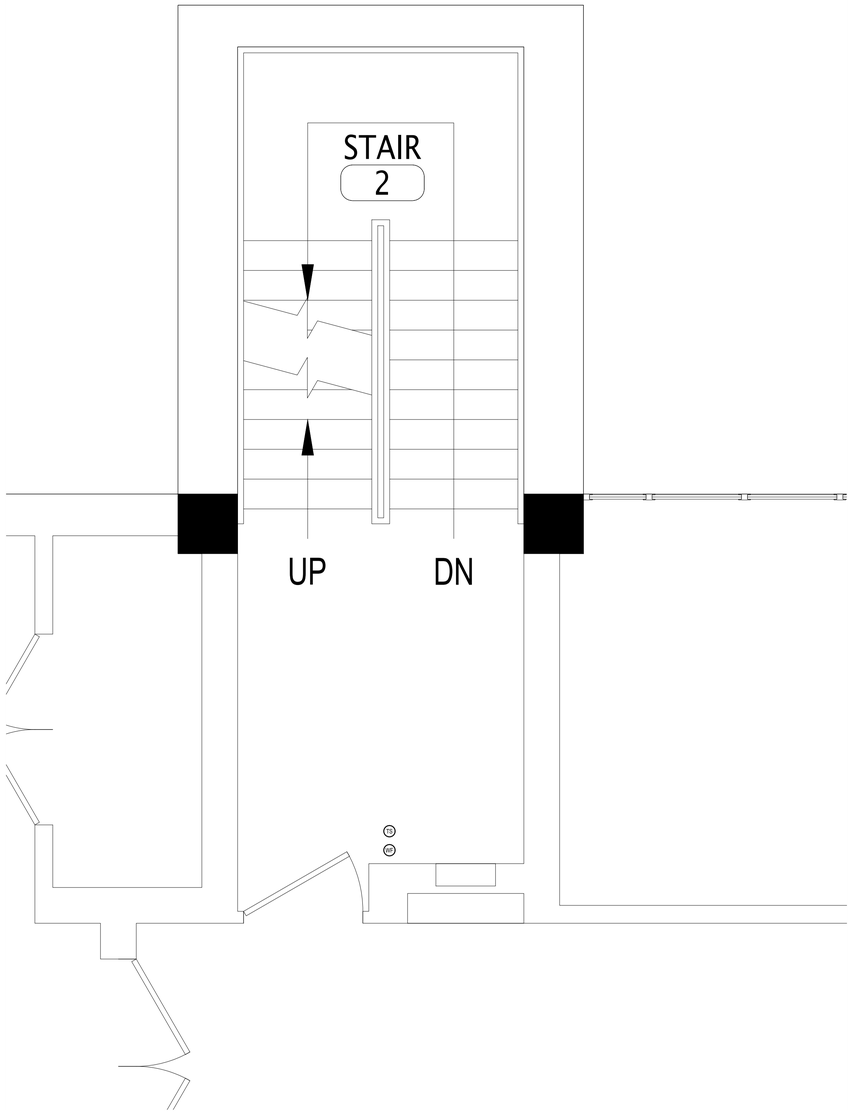


2 KEY PLAN
SCALE: 1/32" = 1'-0"
NORTH



1 ELECTRICAL SECOND FLOOR THROUGH FIFTH FLOOR STAIR 2 PART PLAN
SCALE: 1/2" = 1'-0"
NORTH

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INFRASTRUCTURE UPGRADES
PHASE II

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VALHALLA, NY 10595

ELECTRICAL SECOND FLOOR THROUGH FIFTH FLOOR PLAN

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

E-302

one inch = one foot 0 6" 2
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one quarter inch = one foot 0 4 8
one eighth inch = one foot 0 4 8 16

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LIGHTING SYSTEM FUNCTIONAL TESTING/COMMISSIONING

I. FUNCTIONAL TESTING

PRIOR TO PASSING FINAL INSPECTION, THE CONTRACTOR SHALL PROVIDE EVIDENCE TO THE BUILDING OWNER AND THE ENGINEER THAT THE LIGHTING CONTROL SYSTEMS HAVE BEEN TESTED TO ENSURE THAT CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S DOCUMENTS. FUNCTIONAL TESTING, FOR THE APPLICABLE CONTROL TYPE, SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

1. OCCUPANT SENSOR CONTROLS

WHERE OCCUPANT SENSOR CONTROLS ARE PROVIDED, THE FOLLOWING PROCEDURES SHALL BE PERFORMED:

A. CERTIFY THAT THE OCCUPANT SENSOR HAS BEEN LOCATED AND AIMED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
B. FOR PROJECTS WITH SEVEN OF FEWER OCCUPANT SENSORS, EACH SENSOR SHALL BE TESTED.
C. FOR PROJECTS WITH MORE THAN SEVEN OCCUPANT SENSORS, TESTING SHALL BE DONE FOR EACH UNIQUE COMBINATION OF SENSOR TYPE AND SPACE GEOMETRY. WHERE MULTIPLES OF EACH UNIQUE COMBINATION OF SENSOR TYPE AND SPACE GEOMETRY ARE PROVIDED, NOT LESS THAN 10 PERCENT, BUT IN NO CASE LESS THAN ONE, OF EACH COMBINATION SHALL BE TESTED UNLESS THE BUILDING OFFICIAL OR DESIGN PROFESSIONAL REQUIRES A HIGHER PERCENTAGE TO BE TESTED. WHERE 30 PERCENT OR MORE OF THE TESTED CONTROLS FAIL, ALL REMAINING IDENTICAL COMBINATIONS SHALL BE TESTED.

FOR OCCUPANT SENSOR CONTROLS TO BE TESTED, VERIFY THE FOLLOWING:
i. WHERE OCCUPANT SENSOR CONTROLS INCLUDE STATUS INDICATORS, VERIFY CORRECT OPERATION.
ii. THE LIGHTS CONTROLLED BY OCCUPANT SENSOR CONTROLS TURN OFF OR DOWN TO THE PERMITTED LEVEL WITHIN THE REQUIRED TIME UPON VACANCY OF THE SPACE.
iii. FOR AUTO-ON OCCUPANT SENSOR CONTROLS, THE LIGHTS CONTROLLED BY OCCUPANCY SENSOR CONTROLS TURN ON TO THE PERMITTED LEVEL WHEN AN OCCUPANT ENTERS THE SPACE.
iv. FOR MANUAL-ON OCCUPANT SENSOR CONTROLS, THE LIGHTS CONTROLLED BY OCCUPANCY SENSOR CONTROLS TURN ON ONLY WHEN MANUALLY ACTIVATED.
v. THE LIGHTS ARE NOT INCORRECTLY TURNED ON BY MOVEMENT IN ADJACENT AREAS OR BY HVAC OPERATION.

2. TIME-SWITCH CONTROLS

WHERE TIME-SWITCH CONTROLS ARE PROVIDED, ITEMS A THROUGH E SHALL BE PERFORMED FOR ALL TIME-SWITCH CONTROLS. FOR PROJECTS WITH MORE THAN SEVEN SPACES WHERE LIGHTING IS CONTROLLED BY TIME-SWITCH CONTROLS, NOT LESS THAN 10 PERCENT OF SPACES AND IN NO CASE FEWER THAN ONE SPACE SHALL BE TESTED ACCORDING TO ITEMS F AND G UNLESS THE BUILDING OFFICIAL OR REGISTERED DESIGN PROFESSIONAL REQUIRES A HIGHER PERCENTAGE TO BE TESTED. WHERE 30 PERCENT OR MORE OF THE TESTED SPACES FAIL ANY OF THE REQUIREMENTS IN ITEMS F AND G, ALL REMAINING SPACES SHALL BE TESTED.

A. CONFIRM THAT THE TIME-SWITCH CONTROL IS PROGRAMMED WITH ACCURATE WEEKDAY, WEEKEND AND HOLIDAY SCHEDULES.
B. PROVIDE DOCUMENTATION TO THE OWNER OF TIME-SWITCH CONTROLS PROGRAMMING INCLUDING WEEKDAY, WEEKEND, HOLIDAY SCHEDULES, AND SET-UP AND PREFERENCE PROGRAM SETTINGS.
C. VERIFY THE CORRECT TIME AND DATE IN THE TIME SWITCH.
D. VERIFY THAT ANY BATTERY BACK-UP IS INSTALLED AND ENERGIZED.
E. VERIFY THAT THE OVERRIDE TIME LIMIT IS SET TO NOT MORE THAN 2 HOURS.
F. SIMULATE OCCUPIED CONDITION. VERIFY AND DOCUMENT THE FOLLOWING:
i. ALL LIGHTS CAN BE TURNED ON AND OFF BY THEIR RESPECTIVE AREA CONTROL SWITCH.
ii. THE SWITCH ONLY OPERATES LIGHTING IN THE ENCLOSED SPACE IN WHICH THE SWITCH IS LOCATED.
G. SIMULATE UNOCCUPIED CONDITION. VERIFY AND DOCUMENT THE FOLLOWING:
i. NONEXEMPT LIGHTING TURNS OFF.
ii. MANUAL OVERRIDE SWITCH ALLOWS ONLY THE LIGHTS CONTROLLED BY THE TIME-SWITCH CONTROLS IN THE ENCLOSED SPACE WHERE THE OVERRIDE SWITCH IS LOCATED TO TURN ON CONTROLLED LIGHTING FOR MORE THAN 2 HOURS.

II. DOCUMENTATION REQUIREMENTS

THE DOCUMENTS DESCRIBED IN THIS SECTION SHALL BE PROVIDED TO THE BUILDING OWNER OR OWNER'S AUTHORIZED AGENT WITHIN 60 DAYS OF THE DATE OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY.

A. DRAWINGS:
i. AS-BUILT CONSTRUCTION DOCUMENTS, SHOWING THE LOCATION AND CATALOG NUMBER OF EACH PIECE OF EQUIPMENT.
B. MANUALS: AN OPERATING AND MAINTENANCE MANUAL SHALL BE PROVIDED AND INCLUDE THE FOLLOWING:
i. NAME AND ADDRESS OF NOT LESS THAN ONE SERVICE AGENCY FOR INSTALLED EQUIPMENT.
ii. A NARRATIVE OF HOW EACH SYSTEM IS INTENDED TO OPERATE, INCLUDING RECOMMENDED SET POINTS.
iii. SUBMITTAL DATA INDICATING ALL SELECTED OPTIONS FOR EACH PIECE OF LIGHTING EQUIPMENT AND LIGHTING CONTROLS.
iv. OPERATION AND MAINTENANCE MANUALS FOR EACH PIECE OF LIGHTING EQUIPMENT. REQUIRED ROUTINE MAINTENANCE ACTIONS, CLEANING AND RECOMMENDED RELAMPING SHALL BE CLEARLY IDENTIFIED.
v. A SCHEDULE FOR INSPECTING AND RECALIBRATING ALL LIGHTING CONTROLS.
C. REPORT: A REPORT OF TEST RESULTS SHALL BE PROVIDED AND INCLUDE THE FOLLOWING.
i. RESULTS OF FUNCTIONAL PERFORMANCE TESTS.
ii. DISPOSITION OF DEFICIENCIES FOUND DURING TESTING, INCLUDING DETAILS OF CORRECTIVE MEASURES USED OR PROPOSED.

DESIGN INTENT - LIGHTING CONTROL SYSTEM

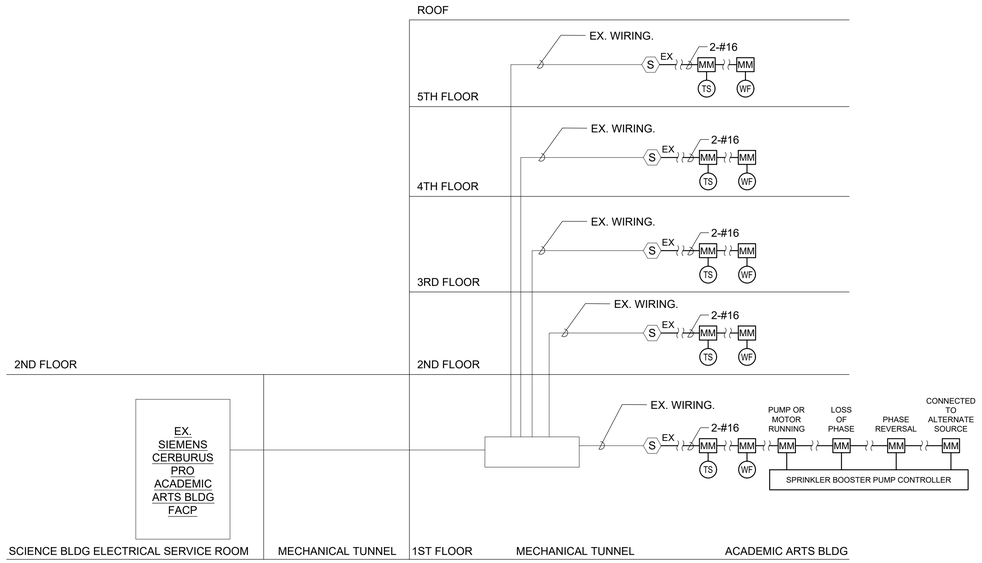
1.) LIGHTING CONTROL SYSTEM IS BASED ON N-LIGHT BY ACUITY (FINN O'BRIEN (646) 352-2188) OR APPROVED EQUAL. (OTHER ACCEPTABLE MANUFACTURERS ARE LUTRON & COOPER LIGHTING.)

2.) LIGHTING CONTROL COMPONENTS SHOWN ARE FOR GENERAL DESIGN INTENT. ALL COMPONENTS AND WIRING ARE NOT SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY COMPONENTS, WIRING (LINE AND LOW VOLTAGE) AND PROGRAMMING FOR A FULLY OPERATIONAL CONTRACTOR IS RESPONSIBLE FOR DELEGATED DESIGN OF SYSTEM BASED ON THE DESIGN INTENT INCLUDED ON THESE DRAWINGS.

3.) THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE LIGHTING CONTROLS WITH LIGHT FIXTURES.

4.) ALL LIGHT FIXTURE AND LIGHTING CONTROL SUBMITTALS SHALL BE SUBMITTED AT THE SAME TIME FOR APPROVAL.

5.) VACANCY SENSING: MANUAL ON/AUTO OFF; OCCUPANCY SENSING: AUTO ON/AUTO OFF.



1 PARTIAL FIRE ALARM RISER DIAGRAM
SCALE: NONE

RISER NOTES:
1. THIS IS NOT A POINT-TO-POINT WIRING DIAGRAM. PRIOR TO STARTING ANY WORK, A WORKING POINT-TO-POINT WIRING DIAGRAM SHALL BE OBTAINED FROM FIRE ALARM SYSTEM VENDOR AND PERFORM ALL WORK IN ACCORDANCE WITH THAT DIAGRAM.
2. ELECTRICAL CONTRACTOR SHALL INCLUDE IN THE BASE BID ALL 120V CIRCUITS THAT ARE REQUIRED TO SUPPORT THE OPERATION OF THE FIRE ALARM SYSTEM. COORDINATE REQUIREMENTS WITH THE FIRE ALARM VENDOR.
3. PROVIDE ALL NECESSARY WIRING, MODULES, COMPONENTS, EXTENDER CABINET, AND PROGRAMMING REQUIRED TO CONNECT NEW DEVICES TO EXISTING SYSTEM.
4. PROVIDE ALL NECESSARY HARDWARE AND PROGRAMMING TO PROVIDE THE CLIENT WITH 20% SPARE CAPACITY ON ALL INITIATING AND INDICATING CIRCUITS.
5. PROVIDE AS PART OF THE BASE CONTRACT ALL LABOR AND MATERIALS TO INSTALL TEN (10) ADDITIONAL FIRE ALARM DEVICES DURING CONSTRUCTION. THE ADDITIONAL FIRE ALARM DEVICES CAN BE BUT NOT LIMITED TO SMOKE DETECTOR, TAMPER SWITCHES, FLOW SWITCHES, ETC. INCLUDE ALL LABOR AND MATERIALS INCLUDING WIRE, BOXES, CONDUIT, TERMINATIONS, HARDWARE, SOFTWARE, PROGRAMMING AND TESTING.

LIGHTING FIXTURE SCHEDULE

FIXTURE DESIGNATION	MANUFACTURER	CATALOG NUMBER	WATTAGE	VOLTS	MOUNTING	LUMENS	REMARKS
A	LITHONIA LIGTHING	CPX 2X2 3200LM 80CRI SWL MIN1 ZT MVOLT E10W	30.1/LED	UNV	RECESSED	3668	2'x2', 3500K, 80CRI, RECESSED LED LIGHTING FIXTURE WITH 0-10V DIMMING. PROVIDE EMERGENCY BATTERY OPTION WITH 90 MINUTES BACK UP TIME, MIN., AS INDICATED ON PLANS.
B	LITHONIA LIGHTING	CPX 2X4 5000LM 80CRI 35K SWL MIN1 ZT MVOLT E10W	40/LED	UNV	RECESSED	5069	2'x4', 3500K, 80CRI, RECESSED LED LIGHTING FIXTURE WITH 0-10V DIMMING. PROVIDE EMERGENCY BATTERY OPTION WITH 90 MINUTES BACK UP TIME, MIN., AS INDICATED ON PLANS.
B2	LITHONIA LIGHTING	CPX 2X4 4000LM 80CRI 35K SWL MIN1 ZT MVOLT E10W	36.69/LED	UNV	RECESSED	4817	2'x4', 3500K, 80CRI, RECESSED LED LIGHTING FIXTURE WITH 0-10V DIMMING. PROVIDE EMERGENCY BATTERY OPTION WITH 90 MINUTES BACK UP TIME, MIN., AS INDICATED ON PLANS.
C	LITHONIA LIGHTING	GRD LLP 4FT MSL4 80CRI ID800LMF 80/20 MIN1 ZT 120 SCT E10W F1/48A C110	19.66/LED	120	PENDANT	3925	4', 3500K, 80CRI, PENDANT MOUNTED LED LIGHTING FIXTURE WITH 0-10V DIMMING. PROVIDE EMERGENCY BATTERY OPTION WITH 90 MINUTES BACK UP TIME, MIN., AS INDICATED ON PLANS.
F	JUNO LIGHTING	R606L 35K 80CRI PDIM WFL WH	13.5/LED	120	TRACK	1205	3500K, 80CRI, TRACK MOUNTED, LED LIGHTING FIXTURE.
I	LITHONIA LIGHTING	CPX 1X4 2000LM 80CRI 35K SWL MIN1 ZT MVOLT E10W	17.18/LED	UNV	RECESSED	2100	1'x4', 3500K, 80CRI, RECESSED LED LIGHTING FIXTURE WITH 0-10V DIMMING. PROVIDE EMERGENCY BATTERY OPTION WITH 90 MINUTES BACK UP TIME, MIN., AS INDICATED ON PLANS.
I2	LITHONIA LIGHTING	CPX 1X4 3200LM 80CRI 35K SWL MIN1 ZT MVOLT E10W	29.3/LED	UNV	RECESSED	3313	1'x4', 3500K, 80CRI, RECESSED LED LIGHTING FIXTURE WITH 0-10V DIMMING. PROVIDE EMERGENCY BATTERY OPTION WITH 90 MINUTES BACK UP TIME, MIN., AS INDICATED ON PLANS.
K	MARK ARCHITECTURAL LIGHTING	SL4L LOP 4FT FLP FL 80CRI 35K 400LM MIN1 120 ZT	13.82/LED	120	RECESSED	1259	4', 3500K, 80CRI, RECESSED, SLOT MOUNTED LED LIGHTING FIXTURE WITH 0-10V DIMMING.
L	LITHONIA LIGHTING	CPX 2X4 3000LM 80CRI 35K SWL MIN1 ZT MVOLT E10W	24.57/LED	UNV	RECESSED	3287	2'x4', 3500K, 80CRI, RECESSED LED LIGHTING FIXTURE WITH 0-10V DIMMING. PROVIDE EMERGENCY BATTERY OPTION WITH 90 MINUTES BACK UP TIME, MIN., AS INDICATED ON PLANS.

NOTES:
1.) VERIFY ALL FIXTURE CATALOG NUMBERS FOR INTENDED APPLICATIONS WITH REQUIRED ACCESSORIES.
2.) LIGHT FIXTURES INDICATED AS EMERGENCY (EM) ON DRAWINGS SHALL CONTAIN AN EMERGENCY BACK-UP BATTERY WHERE POSSIBLE AND SHALL BE INTERNAL TO FIXTURE WITH A VISUAL INDICATING CHARGE LAMP AND TEST SWITCH. IF IT IS NOT POSSIBLE TO INSTALL THE EMERGENCY BATTERY IN THE FIXTURE, THE CONTRACTOR SHALL FURNISH & INSTALL A REMOTE EMERGENCY BATTERY. EACH BATTERY PACK SHALL BE CONNECTED SO THAT THE FIXTURE CAN BE SWITCHED UNDER NORMAL CONDITIONS AND IN THE EVENT OF A POWER OUTAGE, THE FIXTURE SHALL AUTOMATICALLY ILLUMINATE FOR 90 MINUTES WITH A 1200 LUMEN OUTPUT (TOTAL FROM FIXTURE), MINIMUM.
3.) ALL EXIT AND EMERGENCY FIXTURES SHALL BE FED FROM UNSWITCHED LEG OF ASSOCIATED LOCAL LIGHTING CIRCUITS.
4.) IN THE EVENT THE CONTRACTOR CHOOSES TO SUBSTITUTE LIGHT FIXTURES FOR THOSE THAT ARE SPECIFIED ON THE LIGHT FIXTURE SCHEDULE, THE CONTRACTOR SHALL SUBMIT POINT-TO-POINT PHOTOMETRIC CALCULATIONS FOR ALL AREAS WHERE THE SUBSTITUTED FIXTURES ARE INDICATED TO BE INSTALLED ON THE DRAWINGS. THESE CALCULATIONS SHALL BE SUBMITTED ALONG WITH THE LIGHT FIXTURE SHOP DRAWINGS.

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SUNY WESTCHESTER COMMUNITY COLLEGE

ISSUE NO.	ISSUE DATE	DESCRIPTION
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ACADEMIC ARTS BUILDING
INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

ELECTRICAL LIGHTING FIXTURE SCHEDULE

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

E-501

one inch = one foot 2 0 6"
three quarters inch = one foot 2 0 6"
one half inch = one foot 4 0
three eighths inch = one foot 4 0
one quarter inch = one foot 8 4 0
one eighth inch = one foot 16 8 4 0
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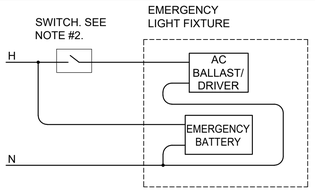
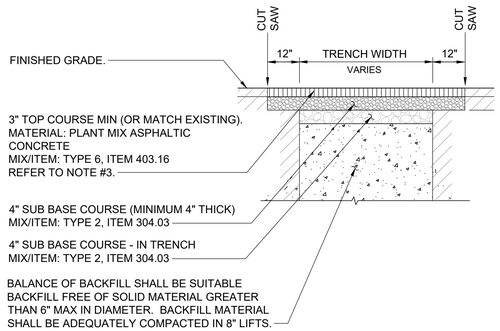


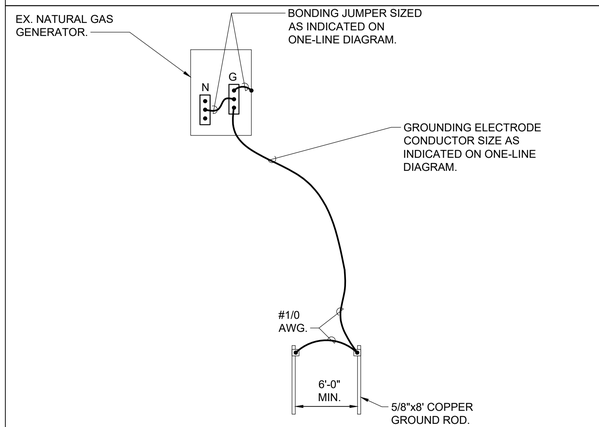
NOTES:
1. THE CONNECTION TO THE LAMPS IS NOT SHOWN - FOLLOW MANUFACTURER WIRING DIAGRAMS.
2. "SWITCH" REPRESENTS A SINGLE POLE SWITCH, A SET OF CONTACTS, A COMBINATION OF 3 WAY AND 4 WAY SWITCHES, ETC. SEE DRAWINGS FOR ACTUAL SWITCH CONFIGURATION.

9 SWITCHED EMERGENCY FIXTURE WIRING DIAGRAM
SCALE: NONE



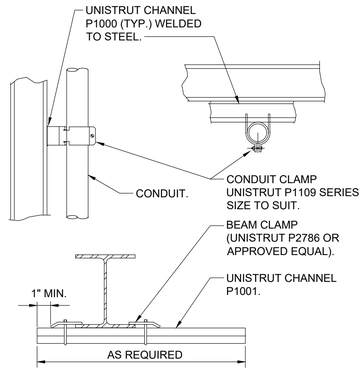
NOTES:
1.) THICKNESS INDICATED REFERS TO COMPACTED MEASURE.
2.) ITEM NUMBERS REFER TO NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
3.) REFER TO TRENCHING DETAIL FOR TRENCH INFORMATION.

8 BITUMINOUS PAVEMENT REPLACEMENT DETAIL
SCALE: NONE

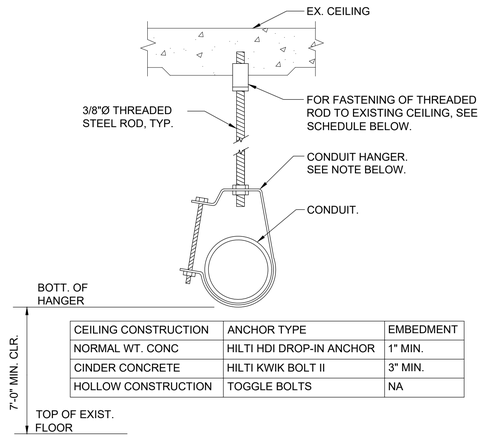


NOTES:
1. GROUNDING ELECTRODE CONDUCTORS SHALL BE ONE CONTINUOUS LENGTH WITHOUT SPLICES WHERE POSSIBLE. IF SPLICES ARE REQUIRED, THEY SHALL BE IRREVERSIBLE COMPRESSION TYPE CONNECTORS OR BY EXOTHERMIC WELD.
2. GROUNDING ELECTRODE CONDUCTORS ROUTED THROUGH METALLIC RACEWAYS OR ENCLOSURES SHALL BE BOUNDED AT EACH END TO THE RACEWAY OR ENCLOSURE.

7 SERVICE GROUNDING DETAIL
SCALE: NONE



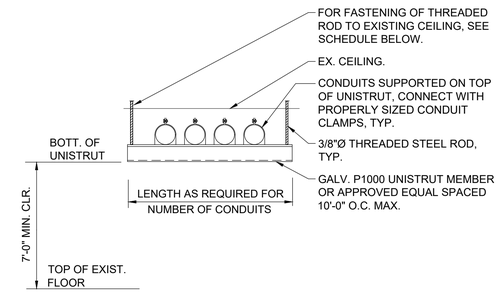
6 CONDUIT SUPPORTED FROM STRUCTURAL STEEL DETAIL
SCALE: NONE



CEILING CONSTRUCTION	ANCHOR TYPE	EMBEDMENT
NORMAL WT. CONC	HILTI HDI DROP-IN ANCHOR	1" MIN.
CINDER CONCRETE	HILTI KWIK BOLT II	3" MIN.
HOLLOW CONSTRUCTION	TOGGLE BOLTS	NA

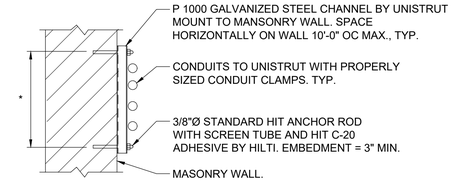
NOTE: CLEVIS HANGERS REQUIRED ON PIPING LARGER THAN 1". GENERAL PURPOSE HANGERS MAY BE USED ON PIPING 1" OR SMALLER.

5 SINGLE CONDUIT HANGER DETAIL
SCALE: NONE



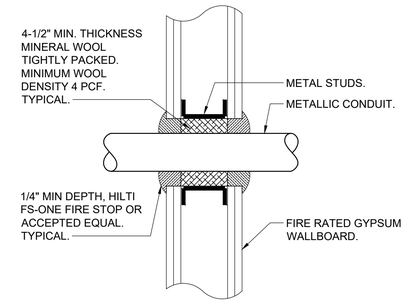
CEILING CONSTRUCTION	ANCHOR TYPE	EMBEDMENT
NORMAL WT. CONC	HILTI HDI DROP-IN ANCHOR	1" MIN.
CINDER CONCRETE	HILTI KWIK BOLT II	3" MIN.
HOLLOW CONSTRUCTION	TOGGLE BOLTS	NA

4 TRAPESE SUPPORT DETAIL
SCALE: NONE

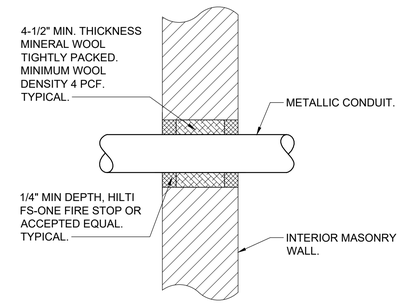


* LENGTH AS REQUIRED FOR NUMBER OF CONDUITS

3 TYPICAL CONDUIT SUPPORT ON MASONRY DETAIL
SCALE: NONE



2 TYPICAL FIRE RATED GYPSUM WALL CONDUIT PENETRATION DETAIL
SCALE: NONE



1 TYPICAL INTERIOR MASONRY WALL CONDUIT PENETRATION DETAIL
SCALE: NONE

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ELECTRICAL DETAILS 1 OF 2

PROJECT NO.: 2675-00	SCALE: AS NOTED

DRAWING NO.:

E-701

one inch = one foot 2 0 6"
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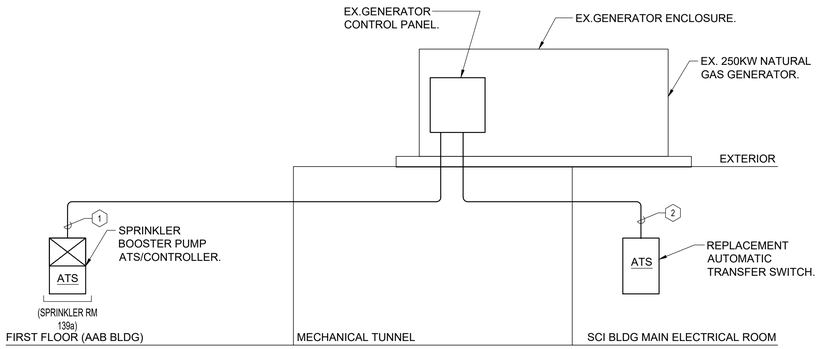

LEGEND:

1. 4-#10 AWG IN 2 HR RATED MC CABLE (VITALINK) START CIRCUIT FROM AUTOMATIC TRANSFER SWITCH TO GENERATOR CONTROL PANEL.
2. RECONNECT 4-#12 AWG START CIRCUIT TO REPLACEMENT AUTOMATIC TRANSFER SWITCH TO EX. GENERATOR CONTROL PANEL.

NOTES:

1.) WIRING ON THIS DETAIL SHOWN FOR INFORMATIONAL PURPOSES ONLY. COORDINATE EXACT SIZE, QUANTITY AND TYPE OF WIRING WITH MANUFACTURER'S SUGGESTION FOR EQUIPMENT PURCHASED.

2.) CONDUITS SHALL BE 1" U.O.N.

3.) SEE ONE-LINE DIAGRAM FOR POWER OUTPUT FEEDERS INFORMATION.

1 GENERATOR CONTROL WIRING RISER DIAGRAM
SCALE: NONE

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ELECTRICAL DETAILS 2 OF 2

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

E-702

SYMBOLS AND ABBREVIATIONS

SYMBOL	ABBREVIATION	DESCRIPTION
———	EX.	EXISTING TO REMAIN
———	NEW	NEW WORK
— — — —	DEM.	EXISTING TO BE REMOVED
○———	—	ELBOW UP
———⊂	—	ELBOW DOWN
———⊃	—	TEE DOWN
———○———	—	TEE UP
———⊣	—	PIPE CAP OR FLUSHING CONNECTION
⋈	—	GATE VALVE
⋈	—	OS&Y GATE VALVE
⋈	—	BUTTERFLY VALVE
⋈	—	CHECK VALVE
⋈	—	UNION
⋈	—	TEMPERATURE GAGE
⋈	—	PRESSURE GAGE
WF	—	WATER FLOW SWITCH
TS	—	TAMPER SWITCH
⋈	—	INSPECTORS TEST CONNECTION
◄	—	FLOW ARROW
⋈	—	SPRINKLER GUARD
○E OR ●E	—	EXISTING SPRINKLER TO REMAIN
⋈ OR ●	—	EXISTING SPRINKLER TO BE REMOVED
	—	NEW PENDENT SPRINKLER, CONCEALED OR EXPOSED AS NOTED.
	—	NEW UPRIGHT SPRINKLER
◄	—	SIDEWALL SPRINKLER
⋈	—	POINT OF CONNECTION
⋈	—	POINT OF DISCONNECTION
N1	—	HYDRAULIC REFERENCE NODE
S2	—	HYDRAULIC REFERENCE SPRINKLER
⋈	FDC	FIRE DEPARTMENT CONNECTION
⋈	FP	FIRE PUMP
—	AFF	ABOVE FINISHED FLOOR
—	AHC	ABOVE HUNG CEILING
—	ATC	AT CEILING
—	BFP	BACKFLOW PREVENTOR
—	DCDA	DOUBLE CHECK DETECTOR ASSEMBLY
—	DCV	DOUBLE CHECK VALVE BFP
—	DN.	DOWN
—	FCA	FLOOR CONTROL ASSEMBLY
—	FD	FLOOR DRAIN
—	FLFD	FUNNEL FLOOR DRAIN
—	GPM	GALLONS PER MINUTE
—	JP	JOCKEY PUMP
—	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
—	(N0)	NORMALLY OPEN
—	(NC)	NORMALLY CLOSED
—	NTS	NOT TO SCALE
—	PRV	PRESSURE REDUCING VALVE
—	PSI	POUNDS PER SQUARE INCH
—	RPZ	REDUCED PRESSURE ZONE BFP
—	SF	SQUARE FOOT
—	TS	TAMPER SWITCH
—	TYP	TYPICAL
—	U.O.N.	UNLESS OTHERWISE NOTED

NOTE: FOR REFERENCE ONLY. NOT ALL SYMBOLS OR ABBREVIATIONS ARE USED IN THIS PROJECT.

one inch = one foot: 2, 0, 6"
three quarters inch = one foot: 2, 0, 6"
one half inch = one foot: 4, 0
three eighths inch = one foot: 4, 0
one quarter inch = one foot: 8, 4, 0
one eighth inch = one foot: 16, 8, 4, 0

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GENERAL NOTES

1. THE REVISED SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED BY AN EXPERIENCED FIRE PROTECTION CONTRACTOR IN STRICT ACCORDANCE WITH NFPA-13, THE REQUIREMENTS OF THE LANDLORD, LANDLORD'S FIRE INSURANCE UNDERWRITER, AND ALL GOVERNMENTAL AGENCIES AND AUTHORITIES HAVING JURISDICTION OVER THE PREMESIS.
2. DELEGATED-DESIGN SUBMITTAL: FOR WET-PIPE SPRINKLER SYSTEMS INDICATED TO COMPLY WITH PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA, INCLUDING ANALYSIS DATA SIGNED AND SEALED BY A QUALIFIED LICENSED PROFESSIONAL ENGINEER (IN THE STATE WHERE WORK IS BEING PERFORMED), RESPONSIBLE FOR THEIR PREPARATION. THIS SHALL INCLUDE FIRE HYDRANT FLOW TEST RESULTS AND DATA, SPRINKLER SYSTEM, AND STANDPIPE SYSTEM DESIGN AND HYDRAULIC CALCULATIONS
3. COORDINATE ALL WORK WITH OTHER TRADES TO MINIMIZE INTERFERENCES WITH NEW AND EXISTING FACILITIES, TO FACILITATE TIMELY COMPLETION AND AVOID NECESSITY FOR CUTTING AND PATCHING. FURNISH TO OTHER AFFECTED TRADES ALL NECESSARY INFORMATION, WORKING DRAWINGS OR MATERIALS REQUIRED FOR INSTALLATION AND COMPLETION OF ALL WORK. ALL CONFLICTS, OBSTRUCTIONS AND/OR MODIFICATIONS TO THE SPRINKLER DESIGN LAYOUT DUE TO FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO FABRICATION AND INSTALLATION.
4. CONTRACTOR SHALL CONDUCT A HYDRANT FLOW TEST ON THE MUNICIPAL WATER MAIN SERVICING THE BUILDING TO ESTABLISH EXACT FLOW AND PRESSURE AVAILABLE ON THE SITE FOR PREPARATION OF HYDRAULIC CALCULATIONS.
5. SPRINKLER SHOP DRAWINGS SHALL BE SUBMITTED FULLY COORDINATED AND RECONCILED WITH SUBMITTED HYDRAULIC CALCULATIONS FOR REVIEW AND APPROVAL BY THE ENGINEER.
6. ALTER PIPING AS REQUIRED TO SUIT NEW AND EXISTING CEILING HEIGHTS, DUCTWORK, AND LIGHTS. PROVIDE AT NO EXTRA COST ALL ADDITIONAL PIPING AND FITTINGS REQUIRED TO OFFSET SYSTEM TO AVOID STRUCTURAL, ARCHITECTURAL, MECHANICAL, AND ELECTRICAL INTERFERENCES, WHETHER INDICATED OR NOT, BEFORE INSTALLING WORK.
7. WHEN INSTALLING SPRINKLER HEADS, THE CONTRACTOR SHALL PROVIDE THE SHORTEST HYDRAULIC PIPE LENGTH BETWEEN THE FINAL SPRINKLER HEAD LOCATION AND THE BRANCH LINE CONNECTION. MINIMUM 1" FOR TWO HEADS, 1-1/4" FOR THREE HEADS AND 1-1/2" FOR FIVE HEADS.
8. EXACT LOCATION OF SPRINKLER HEADS IN FINISHED AREAS SHALL BE COORDINATED WITH ARCHITECTURAL REFLECTED CEILING PLANS. SPRINKLER HEADS INSTALLED IN HUNG CEILING WILL BE POSITIONED AS FOLLOWS: LOCATED WITH TOLERANCE ± 1/2" OF THE CENTERLINE OF THE TILES.
9. INSTALL SPRINKLER HEADS TIGHT TO BOTTOM OF HUNG CEILING WITH CARE THAT THE FINISH IS NOT DAMAGED.
10. WHEN CONCEALED TYPE SPRINKLER HEADS ARE USED, THE COVER PLATES WILL BE FLUSH WITH THE CEILING PLANE TO LIMIT SHADOW EFFECT. TOLERANCE GREATER THAN ± 1/8" IS UNACCEPTABLE.
11. SPRINKLER PLAN SHOWS NEW, EXISTING TO REMAIN AND SPRINKLER HEADS TO BE REMOVED ONLY. ADD SPRINKLER HEADS AS SHOWN ON PLAN AND REUSE EXISTING BRANCH PIPING. MODIFY, EXTEND, AND SHORTEN PIPING AS REQUIRED.
12. EXISTING FLOW, TAMPER AND ALARM DEVICES MUST BE TIED INTO THE BUILDING'S FIRE ALARM SYSTEM. ALL REQUIRED EXTENDER PANELS, CODE TRANSMITTERS, ETC. AS MAY BE REQUIRED TO INTEGRATE THE SYSTEM EXPANSION SHALL BE FURNISHED AND INSTALLED BY THE SPRINKLER CONTRACTOR.
13. EXISTING DRAIN VALVES AT MAIN SHUT-OFF VALVES, LOW POINTS, AND APPARATUS SHALL BE PROVIDED.
14. PROVIDE ALL PIPE OPENINGS THROUGH PARTITIONS WITH PIPE SLEEVES. FOR PIPES PENETRATING FIRE RATED PARTITIONS, THE SPACE BETWEEN THE PIPE AND THE SLEEVE SHALL BE SEALED WITH A LISTED FIRE STOPPING ASSEMBLY OR MATERIAL.
15. ALL HOSE CONNECTION AND FIRE DEPARTMENT CONNECTION THREADS SHALL BE TESTED TO VERIFY COMPATIBILITY WITH THREADS USED BY LOCAL FIRE DEPARTMENT, IN ACCORDANCE WITH NFPA-14 (2022) SECTION 11.3.
16. THE CONTRACTOR SHALL MAKE A PROVISION FOR (5) EXTRA SPRINKLERS INCLUDING IMMEDIATE BRANCH PIPING, FITTINGS AND ARM-OVERS. THE CONTRACTOR SHALL COORDINATE WITH FINAL CONFIGURATION OF OPEN AND HUNG CEILINGS, ALL HVAC DUCTWORK AND PIPING AND STRUCTURAL ELEMENTS THROUGHOUT THE AREA OF WORK.

FIRE PUMP INFORMATION

MANUFACTURER:	PEERLESS
MODEL:	4PVF8G-3520
RATED CAPACITY:	300 GPM RATED (325GPM DUTY)
TOTAL RATED HEAD:	51PSI
SUCTION FLANGE:	4"
DISCHARGE FLANGE:	4"
SUCTION HEAD AVAILABLE AT PUMP:	40
MOTOR HORSEPOWER:	20
MOTOR SPEED:	3550
ELECTRICAL CHARACTERISTICS:	
VOLTS:	460
PHASE:	3
HERTZ:	60
FULL-LOAD AMPERES (FLA):	
MINIMUM CIRCUIT AMPACITY (MCA):	
MAXIMUM OVERCURRENT PROTECTION (MOCP):	

NOTES: BOOSTER PUMP CONTROLLER SHALL BE FIRETROL MODEL FTA1000/FTA1200/FTA1300 ELECTRIC FIRE PUMP CONTROLLER WITH TRANSFER SWITCH 460/3/60 WITH SWITCHED NEUTRAL
JOCKEY PUMP: PEERLESS CR 3-5-3PH, 5 STAGE, 2493 RPM, 0.75HP, 10GPM AT 58PSI. CONTROLLER SHALL BE FIRETROL FTA570F

WATER SUPPLY DATA

DATE:	08-18-25
TIME:	
PERFORMED BY:	SRI FIRE
STATIC PRESSURE AT RESIDUAL FIRE HYDRANT:	60
RESIDUAL PRESSURE AT RESIDUAL FIRE HYDRANT:	30
MEASURED FLOW AT FLOW FIRE HYDRANT:	1100
NOTES:	

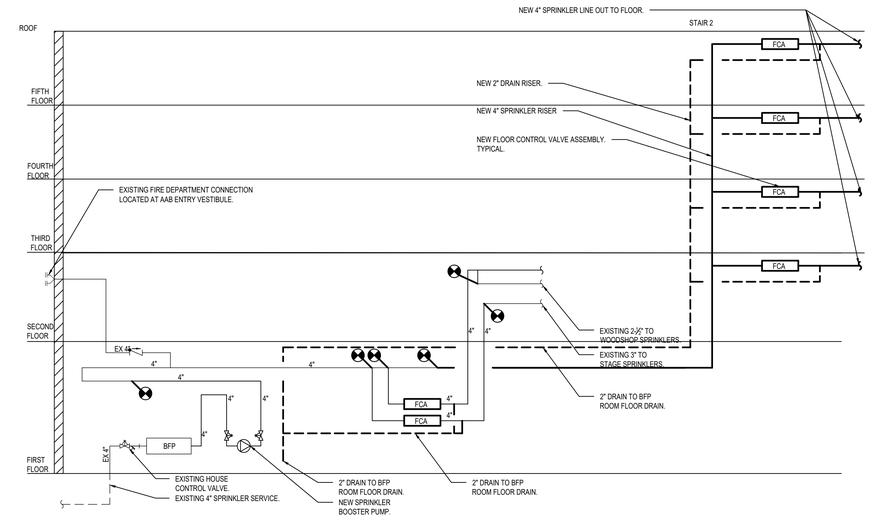
EQUIPMENT NOTES

1. TAMPER SWITCHES: SHALL BE AS MANUFACTURED BY POTTER ELECTRIC SIGNAL CO. FOR EACH POSSIBLE SHUT-OFF VALVE TYPE:
   - MODEL OSYSU-2 - FOR OS&Y VALVES.
   - MODEL PCVS-2 - FOR BUTTERFLY VALVES.
   - MODEL RBVS - FOR BALL VALVES.
2. SPRINKLER PIPING MATERIAL: SHALL BE STANDARD WEIGHT SCHEDULE 40 BLACK STEEL PIPE, SEAMLESS OR WELDED MILD STEEL, CONFORMING TO ASTM A-795/A-53. SCHEDULE 10 PIPING IS NOT PERMITTED FOR PIPING LESS THAN 2".
3. FLOOR CONTROL VALVE ASSEMBLY: SHALL BE BASED ON VICTAULIC UMC UNIVERSAL MANIFOLD CHECK ASSEMBLY OR APPROVED EQUAL. WHERE UNIVERSAL MANIFOLD CHECK VALVES ARE SPECIFIED FOR USE IN WET-PIPE SPRINKLER SYSTEMS, AS FLOOR CONTROL MANIFOLDS THEY SHALL BE SPECIFICALLY LISTED FOR SUCH USE. UNIVERSAL MANIFOLD CHECK VALVES SHALL BE DUCTILE IRON CONSTRUCTION, INCORPORATING A CONTROL VALVE, CHECK VALVE, FLOW SWITCH, TEST & DRAIN ASSEMBLY, ADJUSTABLE RELIEF VALVE, AND SYSTEM GAUGES IN ONE COMPACT BODY/FOOTPRINT, AND SHALL BE MANUFACTURED FOR "RIGHT" AND "LEFT"-HAND ORIENTATIONS. THE TEST & DRAIN ASSEMBLE SHALL CONTAIN AN ADJUSTABLE RELIEF VALVE, WITH A RANGE OF 175 TO 310 PSI.
4. WATERFLOW ALARM SWITCH: SHALL BE BASED ON POTTER ELECTRIC SIGNAL CO. VSR SERIES. PROVIDE WATERFLOW ALARM SWITCHES WHERE INDICATED ON THE DRAWINGS.
5. SPRINKLERS: REFER TO DRAWING FP-701 FOR SPRINKLER HEAD SCHEDULE.
6. SPRINKLER CABINET: SHALL BE SIMILAR TO TYCO SPRINKLER CABINET SIZED TO STOCK A MINIMUM OF 6 SPARE SPRINKLERS. THE STOCK OF SPARE SPRINKLERS SHALL INCLUDE A REPRESENTATIVE NUMBER OF EACH TYPE OF SPRINKLER USED IN THE SYSTEM IN ACCORDANCE WITH NFPA-13.

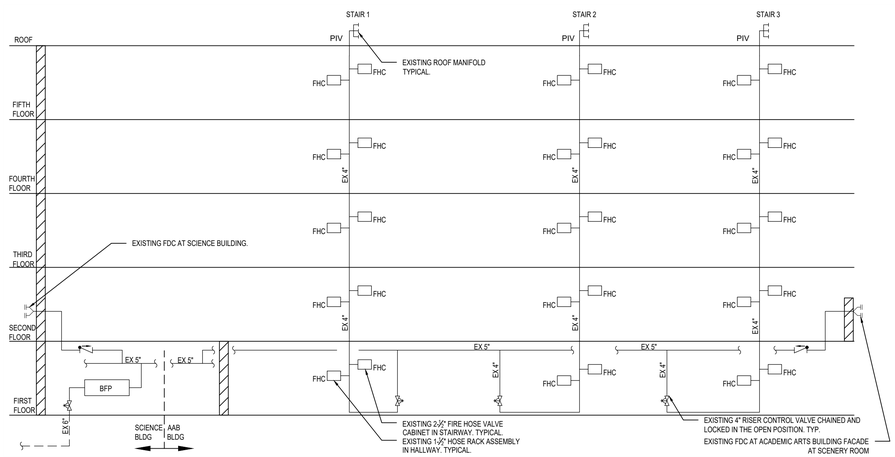
DESIGN CRITERIA

HAZARD CLASSIFICATION(1)	DENSITY(2)	PROTECTION AREA PER SPRINKLER(3)
LIGHT HAZARD	0.1 GPM / 1500 SQ. FT.	225 SQ. FT. MAX
ORDINARY HAZARD GROUP 1	0.15 GPM / 1500 SQ. FT.	130 SQ. FT. MAX
ORDINARY HAZARD GROUP 2	0.2 GPM / 1500 SQ. FT.	130 SQ. FT. MAX
EXTRA HAZARD GROUP 1	0.3 GPM / 2500 SQ. FT.	100 SQ. FT. MAX
EXTRA HAZARD GROUP 2	0.4 GPM / 2500 SQ. FT.	100 SQ. FT. MAX

NOTES:
1.) HAZARD CLASSIFICATION, DENSITY AND MAX. PROTECTION AREA SHALL BE IN ACCORDANCE WITH NFPA 13 - 2016 RECOMMENDATIONS UNLESS OTHERWISE NOTED.
2.) WHERE REQUIRED BY THE BUILDING DEPARTMENT OR AUTHORITY HAVING JURISDICTION FOR PERMIT, THE ENTIRE SYSTEM SHALL BE HYDRAULICALLY CALCULATED.
3.) THE MINIMUM PRESSURE AT EACH SPRINKLER HEAD SHALL BE 7 PSI.
4.) EQUIVALENT FITTING LENGTHS USED IN HYDRAULIC CALCULATIONS SHALL BE IN ACCORDANCE WITH NFPA 13 - 2016.
5.) DISCHARGE FROM EACH SPRINKLER SHALL NOT BE LESS THAN REQUIRED AREA COVERAGE BY THIS HEAD. AREA COVERAGE PER HEAD SHALL BE DETERMINED IN ACCORDANCE WITH NFPA 13 SECTION 8.6.2.2.1 (2016).
6.) HYDRAULIC CALCULATIONS SHALL BE BROUGHT BACK TO THE CONNECTION TO THE RISER OR SPRINKLER CONTROL VALVE (F.C.A.).
FLOW VELOCITY IN SPRINKLER PIPING SHALL NOT EXCEED 20 FEET PER SECOND (FPS).



1 SPRINKLER RISER DIAGRAM
SCALE: NONE



2 EXISTING STANDPIPE RISER DIAGRAM
SCALE: NONE

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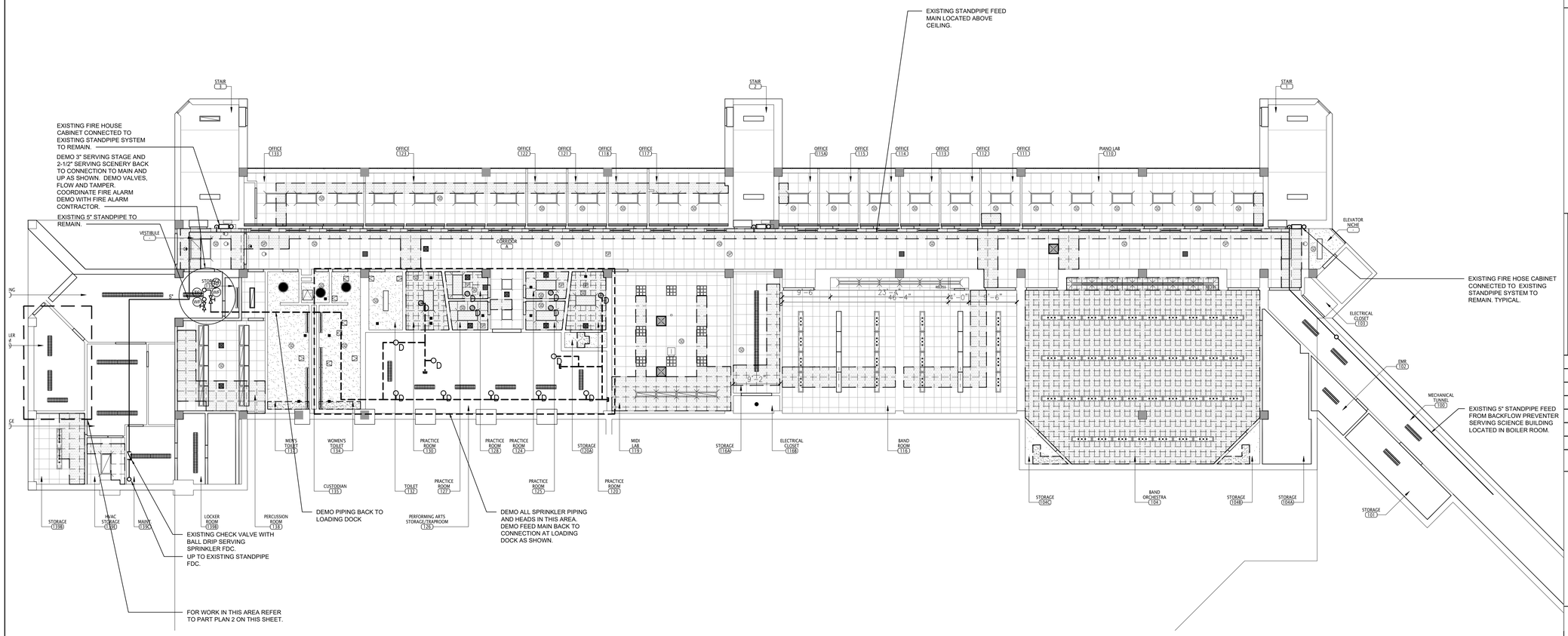
FIRE PROTECTION SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES

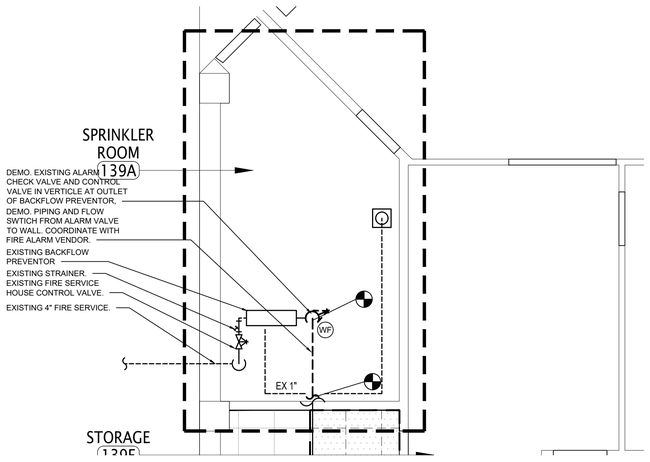
PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

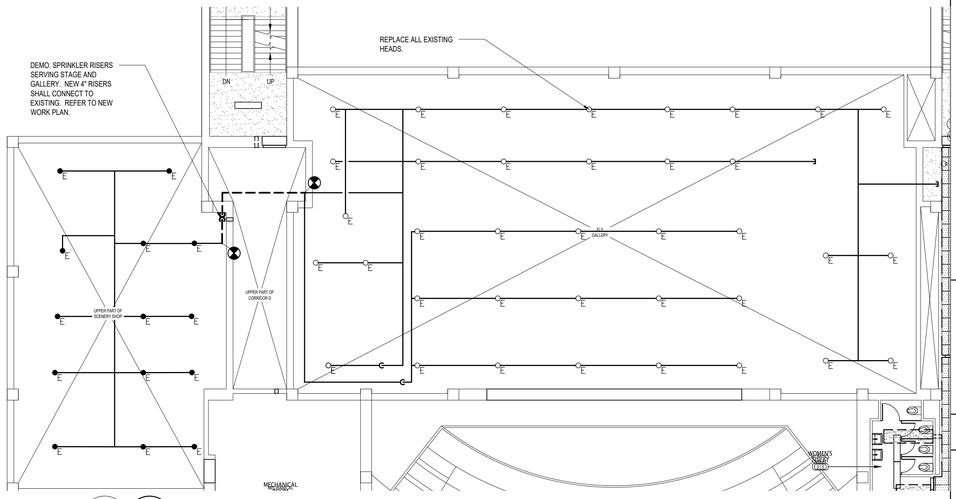
FP-001



1 FIRST FLOOR FIRE PROTECTION DEMOLITION WORK PLAN
SCALE: 3/32" = 1'-0"
NORTH



2 FIRST FLOOR FIRE PROTECTION DEMOLITION WORK PART PLAN
SCALE: 1/4" = 1'-0"
NORTH



3 THIRD FLOOR FIRE PROTECTION DEMOLITION WORK PART PLAN
SCALE: 1/4" = 1'-0"
NORTH

one inch = one foot 0 6" 2
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one quarter inch = one foot 0 8 4
one eighth inch = one foot 0 16 8 4

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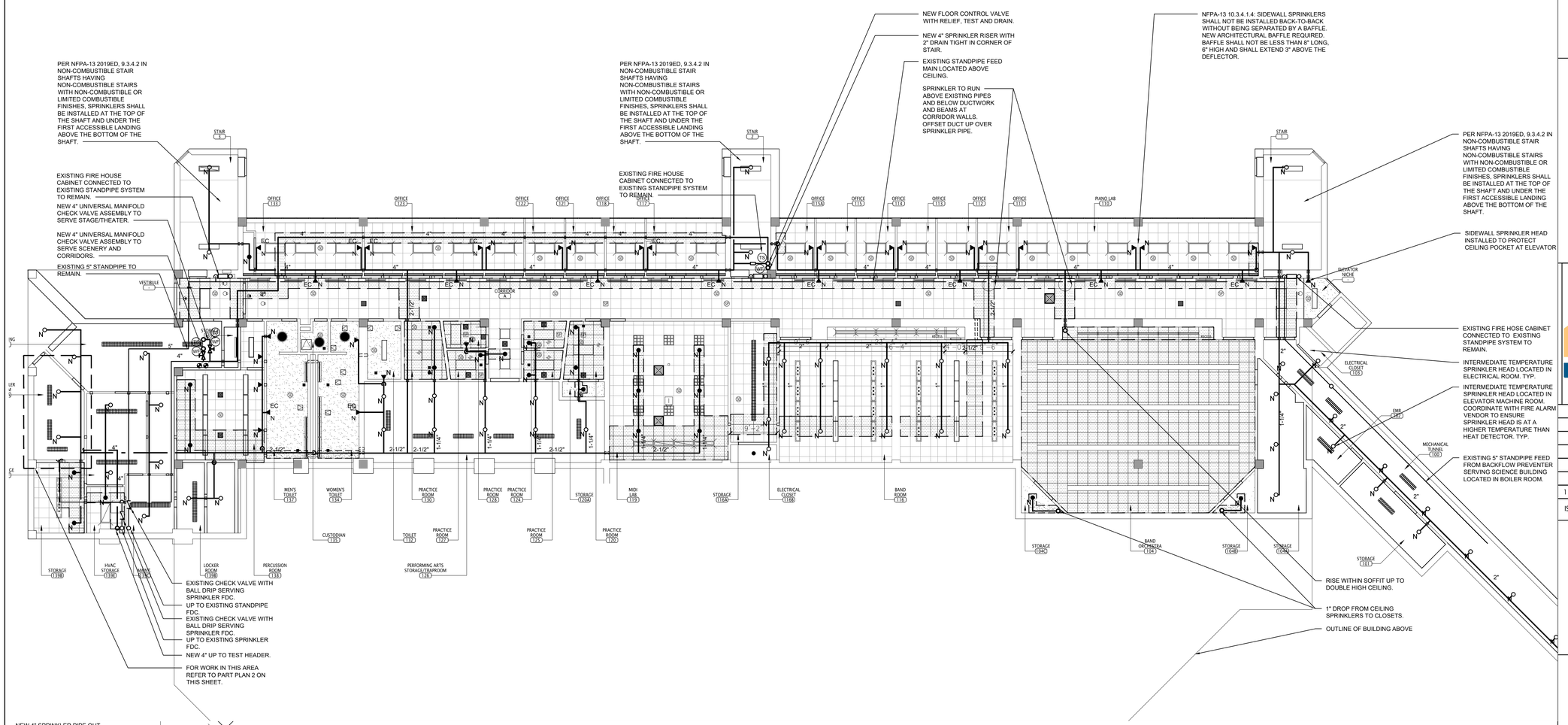
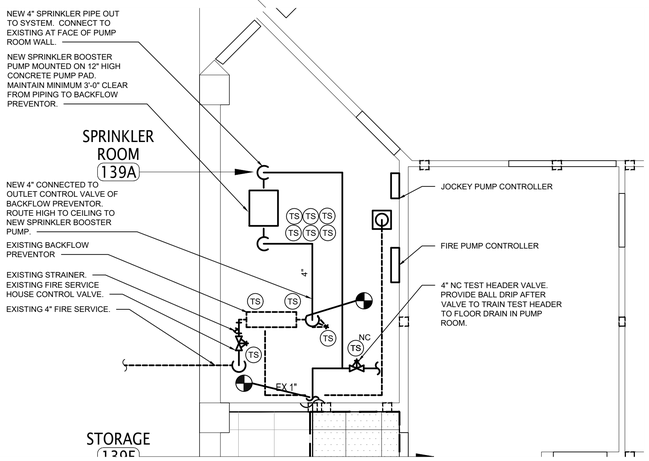
FIRE PROTECTION 1ST AND 3RD FL DEMO PART PLANS

PROJECT NO.: 2675-00
SCALE: AS NOTED
DRAWING NO.:

FP-101



1 FIRST FLOOR FIRE PROTECTION NEW WORK PLAN
SCALE: 3/32" = 1'-0"
NORTH



PUMP ROOM TAMPER SWITCHES:

1) HOUSE CONTROL VALVE
2) BACKFLOW PREVENTOR INLET/OUTET VALVES
3) PUMP INLET CONTROL VALVE
4) PUMP OUTLET CONTROL VALVE
5) PUMP BYPASS VALVE (2)
6) JOCKEY PUMP INLET CONTROL VALVE
7) JOCKEY PUMP OUTLET CONTROL VALVE
8) TEST HEADER VALVE (NC)

PUMP ROOM CONTROLLER POINTS:

1) PUMP RUN
2) PUMP FAIL
3) PUMP PHASE REVERSAL
4) PUMP CONNECTED TO ALTERNATE POWER (NOT REQUIRED)

2 FIRST FLOOR FIRE PROTECTION NEW WORK PART PLAN
SCALE: 1/4" = 1'-0"
NORTH

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FIRE PROTECTION FIRST FLOOR NEW WORK PLAN

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

FP-201

one inch = one foot 0 6" 2
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one quarter inch = one foot 0 4 8
one eighth inch = one foot 0 4 8 16

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PER NFPA-13 2019ED, 9.3.4.2 IN NON-COMBUSTIBLE STAIR SHAFTS HAVING NON-COMBUSTIBLE STAIRS WITH NON-COMBUSTIBLE OR LIMITED COMBUSTIBLE FINISHES, SPRINKLERS SHALL BE INSTALLED AT THE TOP OF THE SHAFT AND UNDER THE FIRST ACCESSIBLE LANDING ABOVE THE BOTTOM OF THE SHAFT.

EXISTING FIRE HOUSE CABINET CONNECTED TO EXISTING STANDPIPE SYSTEM TO REMAIN.

NEW 4" SPRINKLER SERVING STAGE AND THEATER.

NEW 4" SPRINKLER SERVING SCENERY AND CORRIDORS.

REFER TO 3RD FLOOR PLAN FOR SPRINKLER HEADS IN THIS AREA.

1-1/2" SPRINKLER DN FROM CEILING. REFER TO FP-203

NEW 4" TWO-WAY TEST HEADER FOR FULL FOWARD FLOW TESTING. EXISTING SPRINKLER SYSTEM FDC TO REMAIN.

EXISTING STANDPIPE SYSTEM FDC TO REMAIN.

EXTEND MAIN MINIMUM 24" PAST LAST BRANCH AND PROVIDE CAPPED CONNECTION FOR POSSIBLE FUTURE EXTENSION TO FOYER.

REFER TO 3RD FLOOR PLAN FOR SPRINKLER HEADS IN THIS AREA. NOTE: PER 2025 FCNY'S SECTION 905 STAGES ARE NOT REQUIRED TO BE EQUIPPED WITH STANDPIPE CONNECTIONS. NONE ARE PROPOSED AS PART OF THIS WORK.

PROVIDE GUARDS ON HEADS IN STORAGE AREA. TYPICAL

2-1/2" LOOP DN FROM ABOVE

NEW FLOOR CONTROL VALVE WITH RELIEF, TEST AND DRAIN.

NEW 4" SPRINKLER RISER WITH 2" DRAIN TIGHT IN CORNER OF STAIR.

2-1/2" DN TO 1ST FLOOR TO DOUBLE HEIGHT SPACE SERVED FROM SPRINKLER MAIN ON FLOOR BELOW.

PER NFPA-13 2019ED, 9.3.4.2 IN NON-COMBUSTIBLE STAIR SHAFTS HAVING NON-COMBUSTIBLE STAIRS WITH NON-COMBUSTIBLE OR LIMITED COMBUSTIBLE FINISHES, SPRINKLERS SHALL BE INSTALLED AT THE TOP OF THE SHAFT AND UNDER THE FIRST ACCESSIBLE LANDING ABOVE THE BOTTOM OF THE SHAFT.

EXISTING FIRE HOUSE CABINET CONNECTED TO EXISTING STANDPIPE SYSTEM TO REMAIN.

PER NFPA-13 2019ED, 9.3.4.2 IN NON-COMBUSTIBLE STAIR SHAFTS HAVING NON-COMBUSTIBLE STAIRS WITH NON-COMBUSTIBLE OR LIMITED COMBUSTIBLE FINISHES, SPRINKLERS SHALL BE INSTALLED AT THE TOP OF THE SHAFT AND UNDER THE FIRST ACCESSIBLE LANDING ABOVE THE BOTTOM OF THE SHAFT.

EXISTING FIRE HOSE CABINET CONNECTED TO EXISTING STANDPIPE SYSTEM TO REMAIN.

SIDEWALL SPRINKLER HEAD INSTALLED TO PROTECT CEILING POCKET AT ELEVATOR

INTERMEDIATE TEMPERATURE SPRINKLER HEAD LOCATED IN ELECTRICAL ROOM. TYP.

2-1/2" UP AT WALL TO SERVE SPRINKLERS AT HIGH CEILING IN THIS ROOM. REFER TO FP-203 FOR CONTINUATION

UNDESIGNATED

NORTH

1 SECOND FLOOR FIRE PROTECTION NEW WORK PLAN
SCALE: 3/32" = 1'-0"

one inch = one foot 2 0 6"
three quarters inch = one foot 2 0 6"
one half inch = one foot 4 0
three eighths inch = one foot 4 0
one quarter inch = one foot 8 0
one eighth inch = one foot 16 8 4 0

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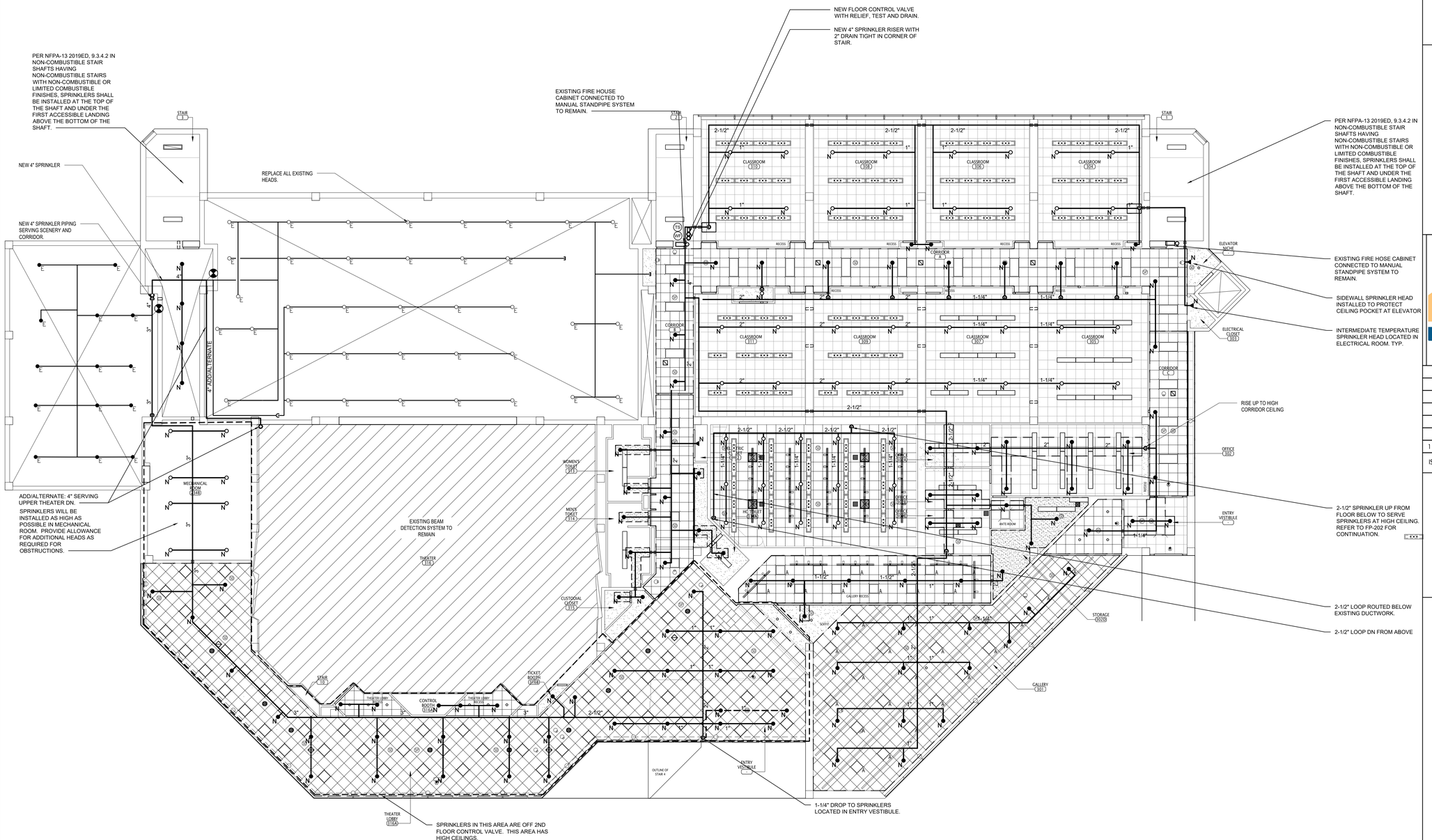
FIRE PROTECTION SECOND FLOOR NEW WORK PLAN

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

FP-202



1 THIRD FLOOR FIRE PROTECTION NEW WORK PLAN
SCALE: 3/32" = 1'-0"

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FIRE PROTECTION THIRD FLOOR NEW WORK PLAN

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

FP-203

one inch = one foot 2 0 6"
three quarters inch = one foot 2 0 6"
one half inch = one foot 4 0
three eighths inch = one foot 4 0
one quarter inch = one foot 8 0
one eighth inch = one foot 16 8 4 0

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PER NFPA-13 2019ED, 9.3.4.2 IN NON-COMBUSTIBLE STAIR SHAFTS HAVING NON-COMBUSTIBLE STAIRS WITH NON-COMBUSTIBLE OR LIMITED COMBUSTIBLE FINISHES, SPRINKLERS SHALL BE INSTALLED AT THE TOP OF THE SHAFT AND UNDER THE FIRST ACCESSIBLE LANDING ABOVE THE BOTTOM OF THE SHAFT.

PER NFPA-13 2019ED, 3.3.196 A COMPARTMENT OF LIGHT HAZARD OCCUPANCY CLASSIFICATION HAVING UNOBSTRUCTED CONSTRUCTION AND A FLOOR AREA NOT EXCEEDING 800 SQ.FT. IS CONSIDERED A SMALL ROOM. 10.2.5.2.3.1 SPRINKLERS SHALL BE PERMITTED TO BE LOCATED NOT MORE THAN 9FT. FROM ANY SINGLE WALL.

PER NFPA-13 2019ED, 3.3.196 A COMPARTMENT OF LIGHT HAZARD OCCUPANCY CLASSIFICATION HAVING UNOBSTRUCTED CONSTRUCTION AND A FLOOR AREA NOT EXCEEDING 800 SQ.FT. IS CONSIDERED A SMALL ROOM. 10.2.5.2.3.1 SPRINKLERS SHALL BE PERMITTED TO BE LOCATED NOT MORE THAN 9FT. FROM ANY SINGLE WALL.

EXISTING FIRE HOUSE CABINET CONNECTED TO MANUAL STANDPIPE SYSTEM TO REMAIN.

NEW FLOOR CONTROL VALVE WITH RELIEF, TEST AND DRAIN.

NEW 4" SPRINKLER RISER WITH 2" DRAIN TIGHT IN CORNER OF STAIR.

EXISTING FIRE HOUSE CABINET CONNECTED TO MANUAL STANDPIPE SYSTEM TO REMAIN.

EXPOSED STRUCTURAL STEEL IN THIS AREA. SPRINKLER HEAD TO BE INSTALLED IN BEAM POCKETS. PROVIDE PROTECTIVE CAGES ON HEADS IN THIS ROOM.

EXISTING SPRINKLERS TO REMAIN IN THIS AREA.

SPRINKLER PIPE IN THIS AREA SHALL BE ROUTED TO AVOID TRUNK DUCTS LOCATED ABOVE CEILING AT THIS LOCATION.

ADD/ALTERNATE: 4" SERVING UPPER THEATER DN.

PROVIDE ADD/ALTERNATE PRICING FOR WORK IN THIS AREA. AREA IS CURRENTLY PROTECTED BY BEAM DETECTION WITHOUT SPRINKLERS. CONTRACTOR TO PROVIDE ADD/ALTERNATE TO INSTALL SPRINKLER HEADS IN THE THEATER. NOTE ALL WORK IS DONE ABOVE THE EXISTING CEILING BY UTILIZING THE CATWALKS AND OTHER METHODS NECESSARY TO ANCHOR PIPING AND INSTALL SPRINKLER HEADS.

OUTLINE OF EXISTING CATWALK. TYPICAL.

EXISTING STRUCTURAL I-BEAM IN UPPER SPACE (TYP FOR 3)

SPRINKLERS SERVING CONTROL ROOM.

INSTALL HIGH-TEMPERATURE (360°F) STANDARD RESPONSE SPRINKLER HEAD IN THE KILN ROOM. MAINTAIN MAXIMUM DISTANCE FROM THE KILN(S).

INTERMEDIATE TEMPERATURE SPRINKLER HEAD LOCATED IN ELECTRICAL ROOM. TYP.

INSTALL SPRINKLER HEAD DEFLECTORS EVEN WITH SOFFIT IN THESE ROOMS TO AVOID OBSTRUCTIONS. COORDINATE WITH DUCT MAINS.

PER NFPA-13 2019ED, 9.3.4.2 IN NON-COMBUSTIBLE STAIR SHAFTS HAVING NON-COMBUSTIBLE STAIRS WITH NON-COMBUSTIBLE OR LIMITED COMBUSTIBLE FINISHES, SPRINKLERS SHALL BE INSTALLED AT THE TOP OF THE SHAFT AND UNDER THE FIRST ACCESSIBLE LANDING ABOVE THE BOTTOM OF THE SHAFT.

EXISTING FIRE HOSE CABINET CONNECTED TO MANUAL STANDPIPE SYSTEM TO REMAIN.

SIDEWALL SPRINKLER HEAD INSTALLED TO PROTECT CEILING POCKET AT ELEVATOR

INTERMEDIATE TEMPERATURE SPRINKLER HEAD LOCATED IN ELECTRICAL ROOM. TYP.

1" DROP TO SIDEWALL HEADS IN LOW ALCOVE. PROVIDE SPRINKLER HEAD GUARDS IN ALCOVES. TYPICAL FOR SCULPTURE AND PAINTING STUDIOS SIDEWALL HEADS.

1" DROP TO SIDEWALL HEADS IN LOW ALCOVE. PROVIDE SPRINKLER HEAD GUARDS IN ALCOVES. TYPICAL FOR SCULPTURE AND PAINTING STUDIOS SIDEWALL HEADS.

1 FOURTH FLOOR FIRE PROTECTION NEW WORK PLAN
SCALE: 3/32" = 1'-0"

NORTH

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FIRE PROTECTION FOURTH FLOOR NEW WORK PLAN

PROJECT NO.: 2675-00
SCALE: AS NOTED

DRAWING NO.:

FP-204

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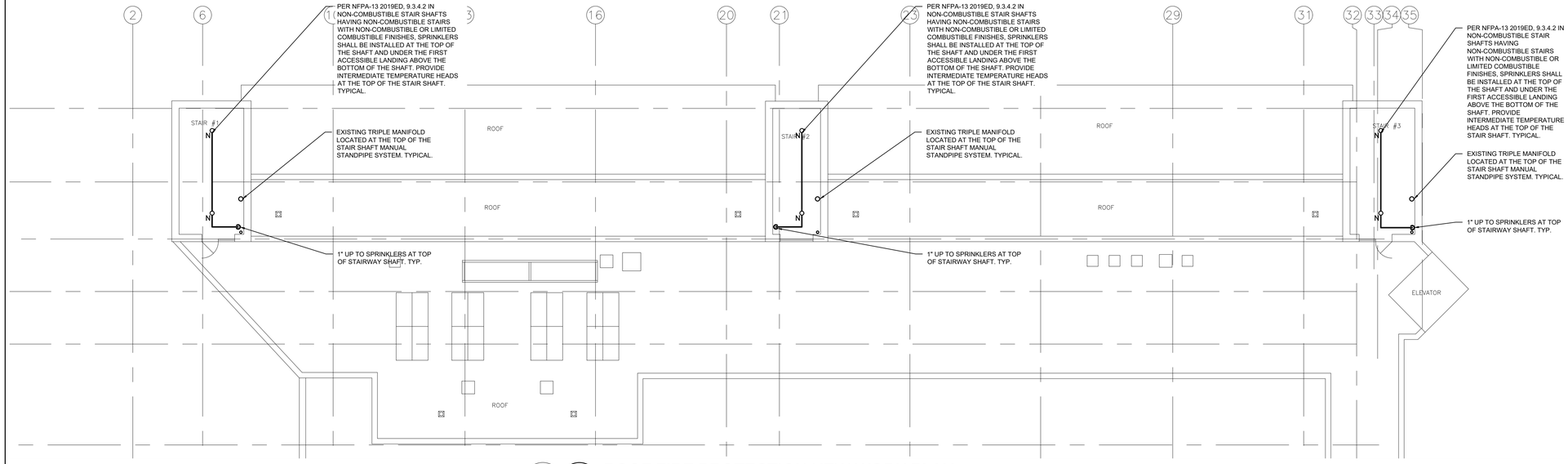
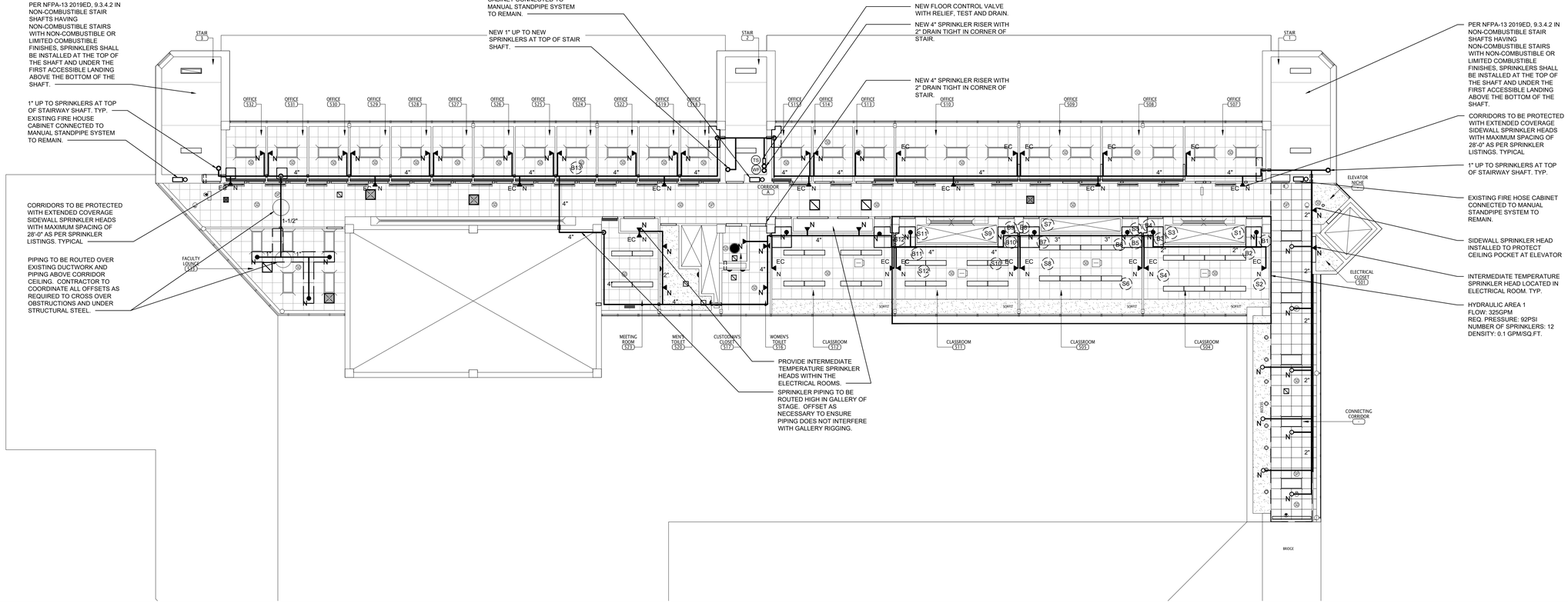
one inch = one foot 2 0
three quarters inch = one foot 2 0
one half inch = one foot 4 0
three eighths inch = one foot 4 0
one quarter inch = one foot 8 0
one eighth inch = one foot 16 8 4 0



1 ROOF FIRE PROTECTION NEW WORK PLAN
SCALE: 3/32" = 1'-0"
NORTH



1 FIFTH FLOOR FIRE PROTECTION NEW WORK PLAN
SCALE: 3/32" = 1'-0"
NORTH

one inch = one foot 0 6" 2
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one quarter inch = one foot 0 8
one eighth inch = one foot 0 8 16

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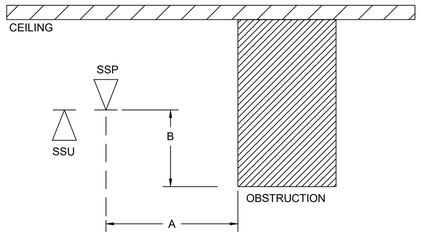
FIRE PROTECTION 5TH AND ROOF FLOOR NEW WORK PLAN

PROJECT NO.: 2675-00
SCALE: AS NOTED

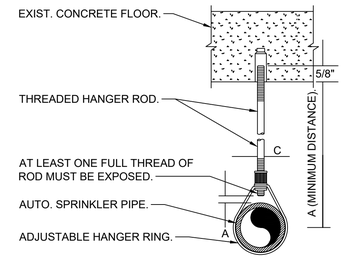
DRAWING NO.:

FP-205



POSITIONING OF SPRINKLERS TO AVOID OBSTRUCTIONS TO DISCHARGE (SSU/SSP)	
DISTANCE FROM SPRINKLERS TO SIDE OF OBSTRUCTION (A) (IN.)	MAXIMUM ALLOWABLE DISTANCE OF DEFLECTOR ABOVE BOTTOM OF OBSTRUCTION (B) (IN.)
LESS THAN 1 FT	0"
1 FT TO LESS THAN 1 FT 6 IN	2½"
1 FT 6 IN. TO LESS THAN 2 FT	3½"
2 FT TO LESS THAN 2 FT 6 IN	5½"
2 FT 6 IN. TO LESS THAN 3 FT	7½"
3 FT TO LESS THAN 3 FT 6 IN	9½"
3 FT 6 IN. TO LESS THAN 4 FT	12"
4 FT TO LESS THAN 4 FT 6 IN	14"
4 FT 6 IN. TO LESS THAN 5 FT	16½"
5 FT TO LESS THAN 5 FT 6 IN	18"
5 FT 6 IN. TO LESS THAN 6 FT	20"
6 FT TO LESS THAN 6 FT 6 IN	24"
6 FT 6 IN. TO LESS THAN 7 FT	30"
7 FT TO LESS THAN 7 FT 6 IN	35"
NOTE: REFER TO NFPA 13 (2013) TABLE 8.6.5.1.2.	

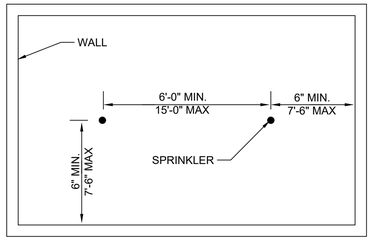
7 OBSTRUCTION TO DISCHARGE (SSU/SSP)
SCALE: NONE



NOMINAL PIPE SIZE	MINIMUM (A) DISTANCE	HANGER TAKEOUT (B)	ROD DIA. (C)	FASTENERS	
				QTY	ITEM
1	1/4	1/2	3/8	3/8	3/8" DROP-IN ANCHOR - HILTI HDI 3/8*
1-1/4	1/4	3/4	3/8	3/8	3/8" DROP-IN ANCHOR - HILTI HDI 3/8*
1-1/2	1/4	1	3/8	3/8	3/8" DROP-IN ANCHOR - HILTI HDI 3/8*
2	1/4	1-1/4	3/8	3/8	3/8" DROP-IN ANCHOR - HILTI HDI 3/8*
2-1/2	1/4	1-3/4	3/8	1/2	3/8" DROP-IN ANCHOR - HILTI HDI 3/8*
3	1/4	2	3/8	1/2	3/8" DROP-IN ANCHOR - HILTI HDI 3/8*
4	1/4	2-1/2	3/8	1/2	3/8" DROP-IN ANCHOR - HILTI HDI 3/8*

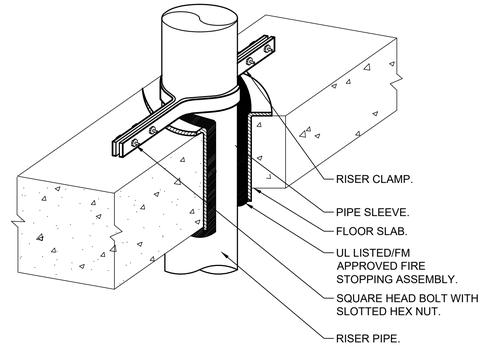
ALL SIZES IN INCHES
* DRILL BIT SIZES REQUIRED: 1/2" FOR 3/8" ANCHOR AND 5/8" FOR 1/2" ANCHOR.
A MINIMUM CONCRETE SLAB THICKNESS OF 4" IS RECOMMENDED.

5 PIPE HANGER MOUNTED TO CONCRETE SLAB
SCALE: NONE



	MAX AREA PER HEAD	DENSITY PER 1500 SQ. FT
LIGHT HAZARD	225 SQ. FT.	0.10 GPM/SQ. FT.
ORDINARY HAZARD	130 SQ. FT.	

4 SPRINKLER HEAD SPACING CRITERIA
SCALE: NONE



2 PIPE PENETRATION DETAIL
SCALE: NONE

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FIRE PROTECTION DETAILS

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DRAWING NO.:

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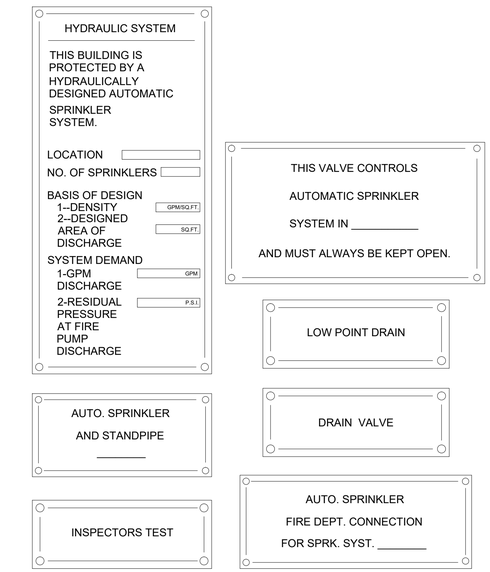


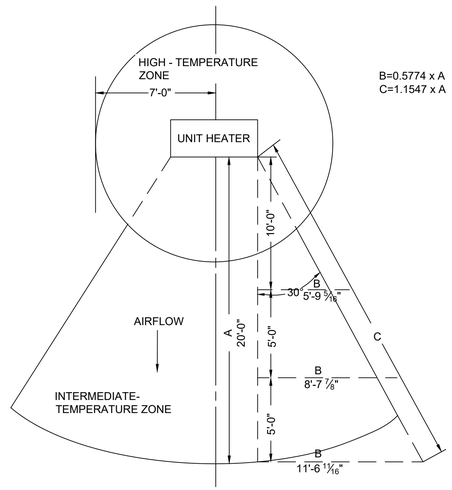
6 TYPICAL SIGNS
SCALE: NONE

SPRINKLER SCHEDULE										
SYM.	TYPE	LOCATION	FINISH	MANUF.	MODEL	HEAD TEMP.	MAX CEILING TEMP.	ORIFICE	K-FACTOR	MEA#
⊗	CONCEALED	FINISHED AREAS PER PLANS	COVER PLATE COLOR PER ARCHITECT	RELIABLE	G5-56	165°F	100°F	1/2"	5.6	258-93-E
○	UPRIGHT	EXPOSED AREAS PER PLANS	CHROME PLATED	RELIABLE	F1FR	165°F	100°F	1/2"	5.6	258-93-E
⊙	PENDENT	FINISHED AREAS PER PLANS	CHROME PLATED	RELIABLE	F1FR	165°F	100°F	1/2"	5.6	258-93-E
○	UPRIGHT	MECHANICAL ROOMS	NATURAL BRONZE	RELIABLE	GFR	212°F	150°F	1/2"	5.6	258-93-E
◁	SIDEWALL	FINISHED AREAS PER PLANS	COVER PLATE COLOR PER ARCHITECT	RELIABLE	G6-56	165°F	100°F	1/2"	5.6	258-93-E
◀	SIDEWALL	EXTENDED COVERAGE	CHROME PLATED	RELIABLE	F1-FR	165°F	100°F	17/32"	8.0	258-93-E
	SIDEWALL	EXTENDED COVERAGE CORRIDOR	CHROME PLATED	RELIABLE	DH80	165°F	100°F	17/32""	8.0	
○	UPRIGHT EC	EXTENDED COVERAGE GARAGE	NATURAL BRONZE	RELIABLE	JL112	155°F	100°F	3/4"	11.2	258-93-E

NOTES:

1. SPRINKLER HEADS SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS
2. PROVIDE METAL WIRE GUARDS WHERE SPRINKLERS ARE SUBJECT TO DAMAGE, SUCH AS SPRINKLER HEADS LOCATED UNDER MECHANICAL DUCTS IN MECHANICAL EQUIPMENT ROOMS WHEN LOCATED LOWER THAN 7'-0" AFF AND HEADS IN TRASH CHUTE.
3. ALL SPRINKLER HEADS THROUGHOUT THE PROJECT AREA SHALL BE OF THE ORDINARY TEMPERATURE RATING EXCEPT AS FOLLOWS:
3.1. SPRINKLER HEADS LOCATED CLOSE TO HEATERS, HOT WATER PIPING OR LOW-PRESSURE BLOW-OFF VALVE SHALL BE OF THE TEMPERATURE RATING AS REQUIRED BY NFPA-13.
3.2. ALL HEAT GENERATING EQUIPMENT WHICH CAN AFFECT THE TEMPERATURE RATING OF THE SPRINKLER HEADS SHALL BE CLEARLY IDENTIFIED ON THE SHOP DRAWINGS PRIOR TO SUBMISSION FOR APPROVAL.

3 SPRINKLER HEAD SCHEDULE
SCALE: NONE



1 SPRINKLER TEMPERATURE ZONES AT UNIT HEATERS
SCALE: NONE

one inch = one foot 0 6" 2
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one quarter inch = one foot 0 8
one eighth inch = one foot 0 8 16

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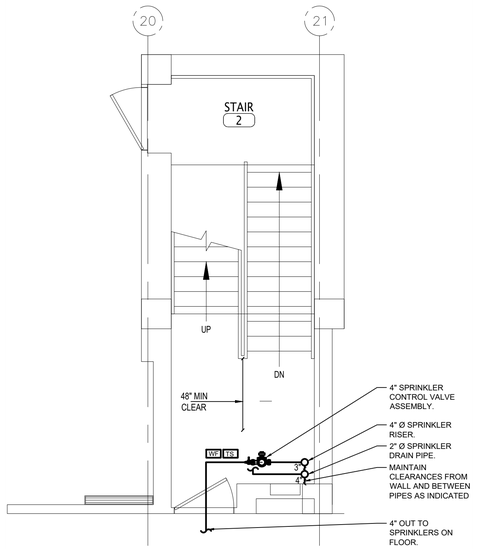
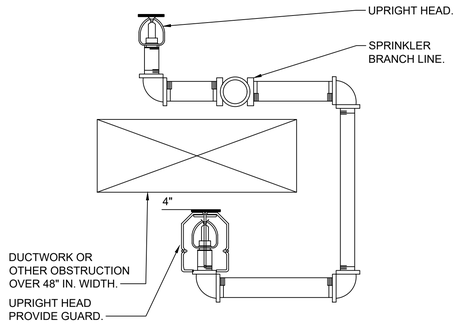
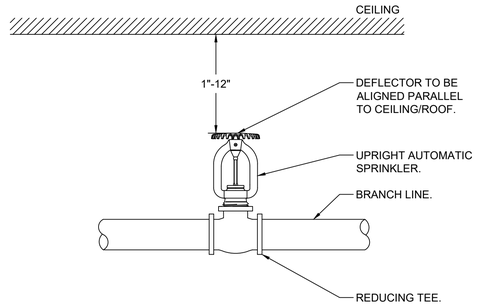


5 TYPICAL SPRINKLER STAIR 2 RISER DETAIL
SCALE: NONE

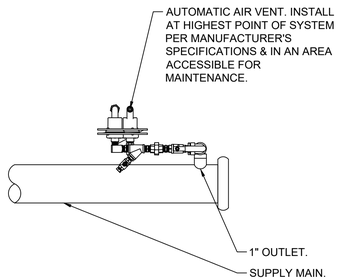


NOTES:
1. SPRINKLER CONTRACTOR SHALL SPRINKLER ABOVE AND BELOW DUCT OR OTHER OBSTRUCTION OVER 48" IN WIDTH.
2. SPRINKLER CONTRACTOR SHALL COORDINATE WITH THE HVAC AND GENERAL CONTRACTOR.

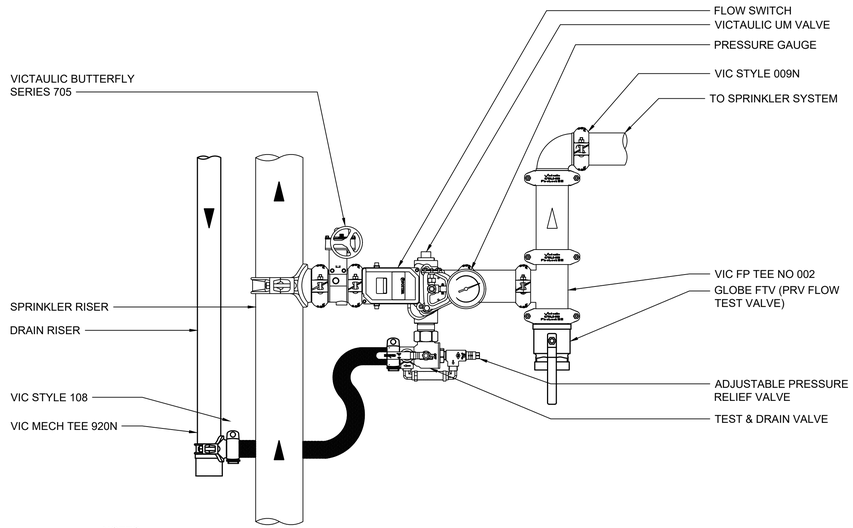
4 SPRINKLER DETAIL ABOVE AND BELOW DUCT DETAIL
SCALE: NONE



2 TYPICAL UPRIGHT SPRINKLER
SCALE: NONE

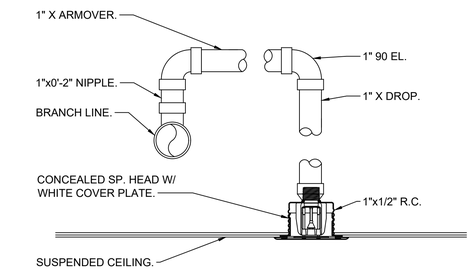


6 AUTOMATIC AIR VENT DETAIL
SCALE: NONE



NOTES:
1. DETAIL BASED ON VICTAULIC SERIES UMC UNIVERSAL MANIFOLD CHECK ASSEMBLY.
2. FIRE LOCK ZONE CONTROL RISER MODULE WITH PRESSURE REDUCING VALVE SUITABLE FOR HORIZONTAL OR VERTICAL UPFLOW ORIENTATION
3. WHERE UNIVERSAL MANIFOLD CHECK VALVES ARE SPECIFIED FOR USE IN WET-PIPE SPRINKLER SYSTEMS, AS FLOOR CONTROL MANIFOLDS THEY SHALL BE SPECIFICALLY LISTED FOR SUCH USE. UNIVERSAL MANIFOLD CHECK VALVES SHALL BE DUCTILE IRON CONSTRUCTION, INCORPORATING A CONTROL VALVE, CHECK VALVE, FLOW SWITCH, TEST & DRAIN ASSEMBLY, ADJUSTABLE RELIEF VALVE, AND SYSTEM GAUGES IN ONE COMPACT BODY/FOOTPRINT, AND SHALL BE MANUFACTURED FOR "RIGHT" AND "LEFT"-HAND ORIENTATIONS. THE TEST & DRAIN ASSEMBLE SHALL CONTAIN AN ADJUSTABLE RELIEF VALVE, WITH A RANGE OF 175 TO 310 PSI.

3 SPRINKLER ZONE CONTROL RISER MODULE
SCALE: NONE



1 TYPICAL CONCEALED PENDENT SPRINKLER
SCALE: NONE

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FIRE PROTECTION DETAILS

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one inch = one foot 0 6" 2
three quarters inch = one foot 0 6" 2
one half inch = one foot 0 4
three eighths inch = one foot 0 4
one quarter inch = one foot 0 4 8
one eighth inch = one foot 0 4 8 16

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EQUIPMENT NOTES

LIQUID SUPPLIES

4.6.1.2
WHERE A WATER FLOW TEST IS USED TO DETERMINE THE ADEQUACY OF THE ATTACHED WATER SUPPLY, THE TEST SHALL HAVE BEEN COMPLETED NOT MORE THAN 12 MONTHS PRIOR TO THE SUBMISSION OF WORKING PLANS, UNLESS OTHERWISE PERMITTED BY THE AUTHORITY HAVING JURISDICTION.

4.6.2.3.1 *
WHERE THE MAXIMUM FLOW AVAILABLE FROM THE WATER SUPPLY MAIN CANNOT PROVIDE A FLOW OF 150 PERCENT OF THE RATED FLOW OF THE PUMP AT THE LOWEST PERMISSIBLE SUCTION PRESSURE, BUT THE WATER SUPPLY CAN PROVIDE THE GREATER OF 100 PERCENT OF RATED FLOW OR THE MAXIMUM FLOW DEMAND OF THE FIRE PROTECTION SYSTEM(S) AT THE LOWEST PERMISSIBLE SUCTION PRESSURE, THE WATER SUPPLY SHALL BE DEEMED TO BE ADEQUATE.

PUMP CAPACITIES
4.10.1
A CENTRIFUGAL FIRE PUMP FOR FIRE PROTECTION SHALL BE SELECTED SO THAT THE GREATEST SINGLE DEMAND FOR ANY FIRE PROTECTION SYSTEM CONNECTED TO THE PUMP IS LESS THAN OR EQUAL TO 150 PERCENT OF THE RATED CAPACITY (FLOW) OF THE PUMP.

PRESSURE GAUGES
4.12.1.1
A PRESSURE GAUGE HAVING A DIAL NOT LESS THAN 3.5 IN. (89 MM) IN DIAMETER SHALL BE CONNECTED NEAR THE DISCHARGE CASTING WITH A NOMINAL 0.25 IN. (6 MM) GAUGE VALVE.

4.12.1.2
THE DIAL SHALL INDICATE PRESSURE TO AT LEAST TWICE THE RATED WORKING PRESSURE OF THE PUMP BUT NOT LESS THAN 200 PSI (13.8 BAR)

4.12.2.1
UNLESS THE REQUIREMENTS OF 4.12.2.4 ARE MET, A GAUGE HAVING A DIAL NOT LESS THAN 3.5 IN. (89 MM) IN DIAMETER SHALL BE CONNECTED TO THE SUCTION PIPE NEAR THE PUMP WITH A NOMINAL 0.25 IN. (6 MM) GAUGE VALVE.

4.12.2.1.1
WHERE THE MINIMUM PUMP SUCTION PRESSURE IS BELOW 20 PSI (1.3 BAR) UNDER ANY FLOW CONDITION, THE SUCTION GAUGE SHALL BE A COMPOUND PRESSURE AND VACUUM GAUGE.

EMERGENCY LIGHTING
4.14.5.1
PUMP ROOMS SHALL BE PROVIDED WITH EMERGENCY LIGHTING.

4.14.5.2
THE INTENSITY OF ILLUMINATION IN THE PUMP ROOM(S) SHALL BE 3.0 FT-CANDLES (32.3 LUX), UNLESS OTHERWISE SPECIFIED BY A REQUIREMENT RECOGNIZED BY THE AUTHORITY HAVING JURISDICTION.

4.14.5.4
THE EMERGENCY LIGHTING SHALL BE CAPABLE OF MAINTAINING THE LIGHTING LEVEL FOR A MINIMUM OF 2 HOURS.

VALVES
4.16.5.1
ONLY A LISTED OUTSIDE SCREW AND YOKE (OS&Y) GATE VALVE SHALL BE INSTALLED IN THE SUCTION PIPE.

STATUS SIGNALS FOR SERIES FIRE PUMP UNITS
4.21.2.9.1
AUDIBLE AND VISUAL STATUS SIGNALS SHALL BE PROVIDED IN EACH PUMP ROOM INDICATING THE STATUS OF THE ASSOCIATED SERIES PUMP(S) NOT LOCATED IN THE SAME PUMP ROOM.

4.21.2.9.1.1
THE FOLLOWING AUDIBLE AND VISUAL SIGNALS SHALL BE PROVIDED IN EACH PUMP ROOM FOR EACH SERIES ELECTRIC FIRE PUMP(S).

1) PUMP RUNNING IN ACCORDANCE WITH 10.4.7.2.1
2) PHASE LOSS IN ACCORDANCE WITH 10.4.7.2.2
3) PHASE REVERSAL IN ACCORDANCE WITH 10.4.7.2.3
4) CONTROLLER CONNECTED TO ALTERNATIVE SOURCE IN ACCORDANCE WITH 10.4.7.2.4
5) ALTERNATE CIRCUIT BREAKER OPEN OR TRIPPED IN ACCORDANCE WITH 10.8.3.12.1
6) LOW SUCTION PRESSURE — SUCTION PRESSURE MORE THAN 10 PSI (0.68 BAR) BELOW THE DESIGN SUCTION PRESSURE ON ANY DOWNSTREAM SERIES PUMP(S)

PRESSURE ACTUATED CONTROLLER PRESSURE SENSING LINES.
4.32.1
FOR ALL PUMP INSTALLATIONS, INCLUDING JOCKEY PUMPS, EACH CONTROLLER SHALL HAVE ITS OWN INDIVIDUAL PRESSURE SENSING LINE.

4.32.1.1.1
THE PRESSURE MAINTENANCE PUMP CONTROLLER FOR EACH DISCHARGE PORT SHALL HAVE ITS OWN INDIVIDUAL PRESSURE SENSING LINE.

4.32.2
THE PRESSURE SENSING LINE CONNECTION FOR EACH PUMP, INCLUDING JOCKEY PUMPS, SHALL BE MADE BETWEEN THAT PUMP'S DISCHARGE CHECK VALVE AND DISCHARGE ISOLATION VALVE.

4.32.3 *
THE PRESSURE SENSING LINE SHALL BE BRASS, RIGID COPPER PIPE TYPES K, L, OR M, OR SERIES 300 STAINLESS STEEL PIPE OR TUBE, AND THE FITTINGS SHALL BE OF 1⁄2 IN. (15 MM) NOMINAL SIZE.

4.32.4.1
WHERE THE REQUIREMENTS OF 4.32.4.2 ARE NOT MET, TWO BRONZE OR STAINLESS STEEL CHECK VALVES SHALL BE INSTALLED IN THE PRESSURE SENSING LINE AT LEAST 5 FT (1.52 M) APART WITH A NOMINAL 3⁄32 IN. (2.4 MM) HOLE DRILLED IN THE BRONZE OR STAINLESS STEEL CLAPPER TO SERVE AS DAMPENING. [SEE FIGURE A.4.32(A) AND FIGURE A.4.32(B).]

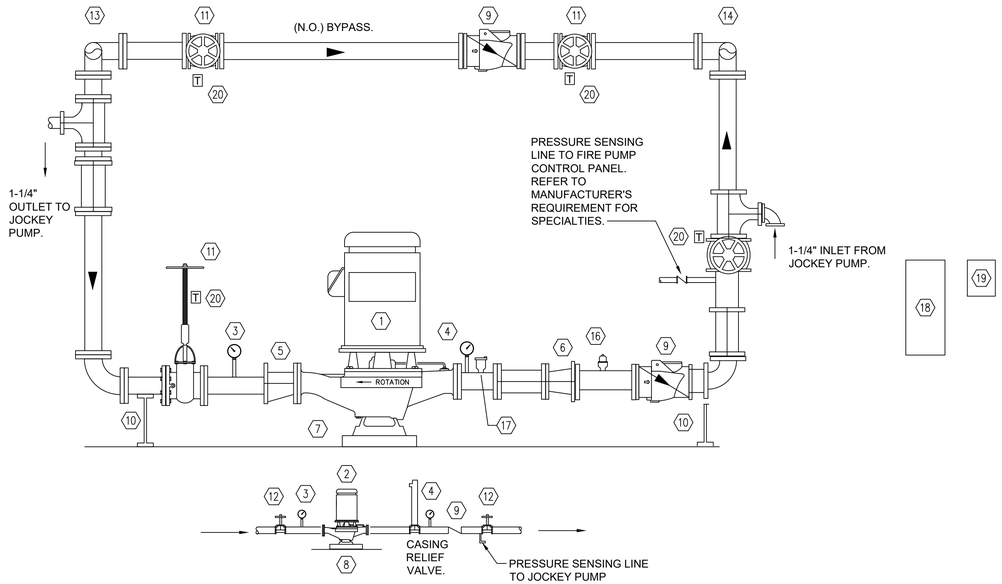
4.32.4.2
WHERE THE WATER IS CLEAN, GROUND-FACE UNIONS WITH NONCORROSIVE DIAPHRAGMS DRILLED WITH A NOMINAL 3⁄32 IN. (2.4 MM) ORIFICE SHALL BE PERMITTED IN PLACE OF THE CHECK VALVES.

4.32.5
THERE SHALL BE TWO INSPECTION TEST VALVES ATTACHED TO THE PRESSURE SENSING LINE THAT SHALL CONSIST OF A TEE, A VALVE, A SECOND TEE WITH THE BRANCH PLUGGED, AND A SECOND VALVE. [SEE FIGURE A.4.32(A) AND FIGURE A.4.32(B).].

SUMMARY OF CENTRIFUGAL FIRE PUMP DATA

PUMP RATING (GPM)	SUCTION (IN.)	DISCHARGE (IN.)	RELIEF VALVE (IN.)	RELIEF VALVE DISCHARGE (IN.)	METER DEVICE (IN.)	NUMBER AND SIZE OF HOSE VALVES (#-IN.)	HOSE HEADER SUPPLY (IN.)
250	3½	3	2	2½	3½	1 - 2½	3
300	4	4	2½	3½	3½	1 - 2½	3
400	4	4	3	5	4	2 - 2½	4
450	5	5	3	5	4	2 - 2½	4
500	5	5	3	5	5	2 - 2½	4
750	6	6	4	6	5	3 - 2½	6
1000	8	6	4	8	6	4 - 2½	6
1250	8	8	6	8	6	6 - 2½	8

NOTES:
1.) DATA IN TABLE AS PER NFPA 20 - 2022 EDITION TABLE 4.28(a).
2.) ACTUAL DIAMETER OF THE PUMP FLANGE IS PERMITTED TO BE DIFFERENT FROM PIPE DIAMETER.
3.) SUCTION PIPE SIZE APPLIES ONLY TO THAT PORTION OF THE SUCTION PIPE LOCATED WITHIN 10 PIPE DIAMETERS UPSTREAM OF THE PUMP SUCTION FLANGE.
4.) WHERE THE PIPE BETWEEN THE HOSE VALVE HEADER AND THE CONNECTION TO THE PUMP DISCHARGE PIPE IS OVER 15 FEET IN LENGTH, THE NEXT LARGER PIPE SIZE THAN THAT REQUIRED SHALL BE USED (4.20.3.4(1).)
5.) CIRCULATION RELIEF VALVE SHALL BE ¾" FOR PUMPS LESS THAN 2,500 GPM AND 1" FOR PUMPS 3,000 GPM AND LARGER.



KEY

1	VERTICAL IN-LINE ELECTRIC FIRE PUMP	11	OS&Y VALVE
2	JOCKEY PUMP	12	INDICATING GATE OR BUTTERFLY VALVE WITH TS
3	SUCTION GAUGE	13	SUCTION SUPPLY
4	DISCHARGE GAUGE	14	DISCHARGE TO SYSTEM
5	ECCENTRIC REDUCER	15	NOT USED
6	CONCENTRIC DISCHARGE REDUCER	16	CASING RELIEF VALVE
7	CONCRETE BASE MINIMUM 6" HIGH TO EXTEND 6" BEYOND PUMP ON ALL SIDES	17	1/2" AUTOMATIC AIR RELEASE VALVE
8	CONCRETE BASE MINIMUM 6" HIGH	18	ELECTRIC FIRE PUMP CONTROLLER ON CONCRETE PAD
9	CHECK VALVE IN VERTICAL OR SWING CHECK VALVE IN HORIZONTAL POSITION	19	JOCKEY PUMP CONTROLLER
10	PIPE SUPPORTS	20	TAMPER SWITCH

NOTE: PIPING ARRANGEMENTS INDICATE GENERAL CONFIGURATION OF MAJOR COMPONENTS. SOME DETAILS AND SPECIALTIES HAVE BEEN OMITTED FOR CLARITY. REFER TO NFPA-20 AND MANUFACTURER'S REQUIREMENTS, AND LOCAL PLUMBING CODES FOR COMPLETE DETAILS AND SPECIALTIES.

ELECTRIC FIRE PUMP DETAIL - VERTICAL IN-LINE
SCALE: NONE

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SUNY WESTCHESTER COMMUNITY COLLEGE

ISSUE NO.	ISSUE DATE	DESCRIPTION
1	07-17-2026	ISSUED FOR BID

WESTCHESTER COMMUNITY COLLEGE

ACADEMIC ARTS BUILDING
INFRASTRUCTURE UPGRADES
PHASE II

75 GRASSLAND RD
VALHALLA, NY 10595

FIRE PROTECTION DETAILS

PROJECT NO.: 2675-00 | SCALE: AS NOTED

DRAWING NO.:

FP-703

one inch = one foot 2 0 6"
three quarters inch = one foot 2 0 6"
one half inch = one foot 4 0
three eighths inch = one foot 4 0
one quarter inch = one foot 8 0
one eighth inch = one foot 16 8 4 0

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