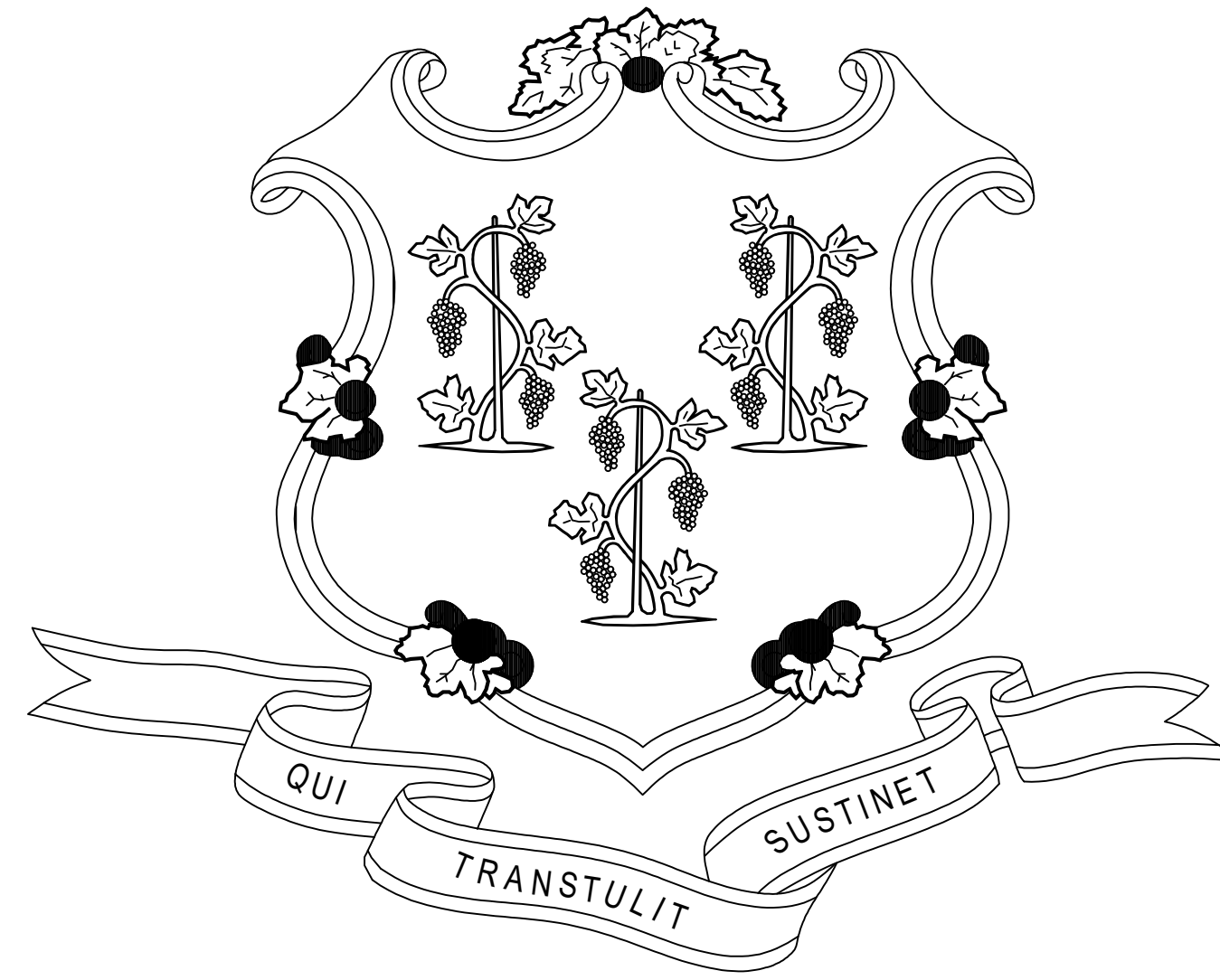


STATE OF CONNECTICUT



GOVERNOR NED LAMONT

DEPARTMENT OF ADMINISTRATIVE SERVICES
JOSH GEBALLE
COMMISSIONER

DEPARTMENT OF MOTOR VEHICLES
MICHAEL BZDYRA
COMMISSIONER

60 STATE STREET
WETHERSFIELD DMV LIGHTING FIXTURE &
CONTROLS RETROFIT
WETHERSFIELD, CT
PROJECT NO. BI-MM-58

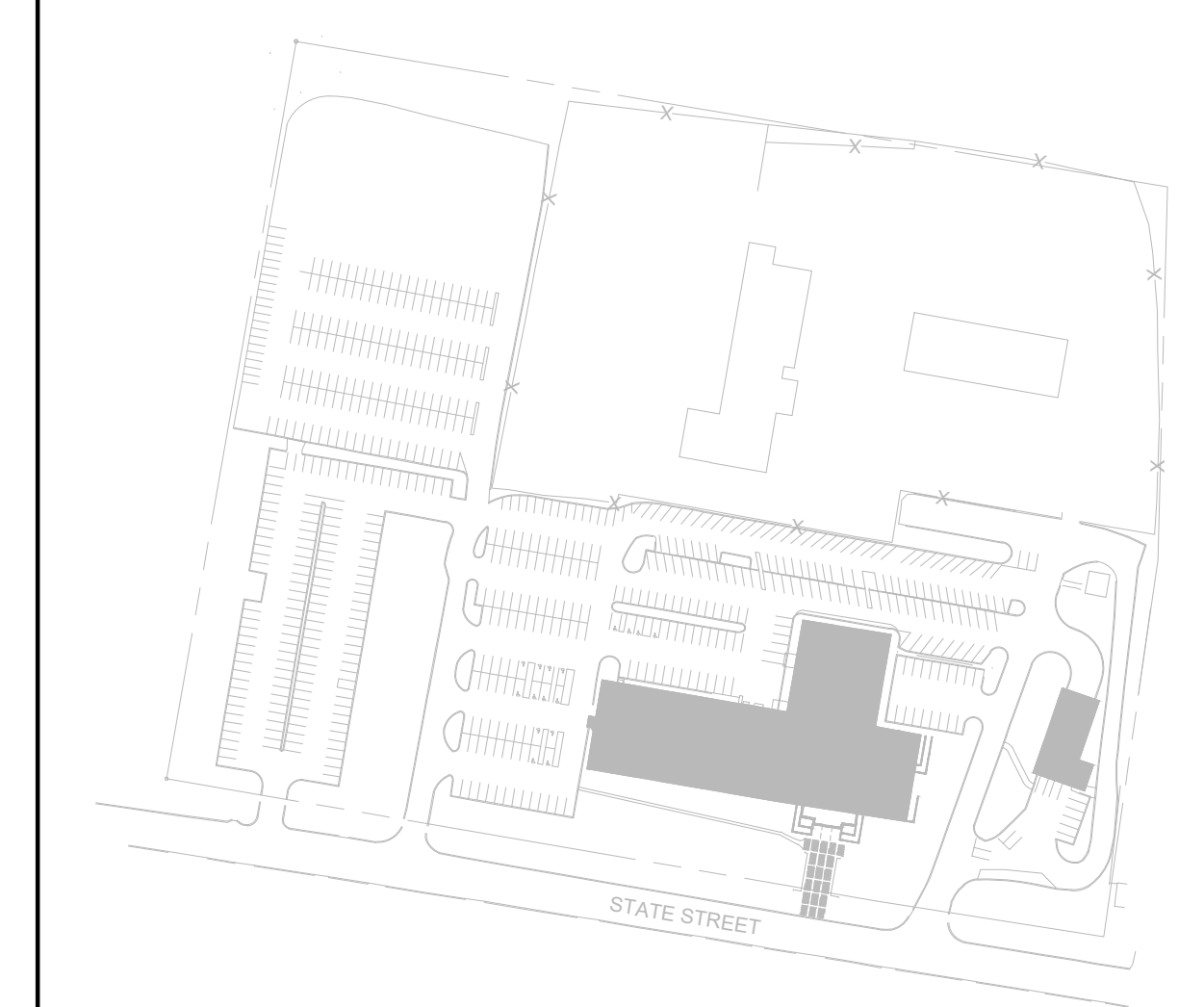
ARCHITECTS AND ENGINEERS
EDM
45 S. MAIN STREET, SECOND FLOOR
UNIONVILLE, CT, 06085
(860) 233-8282



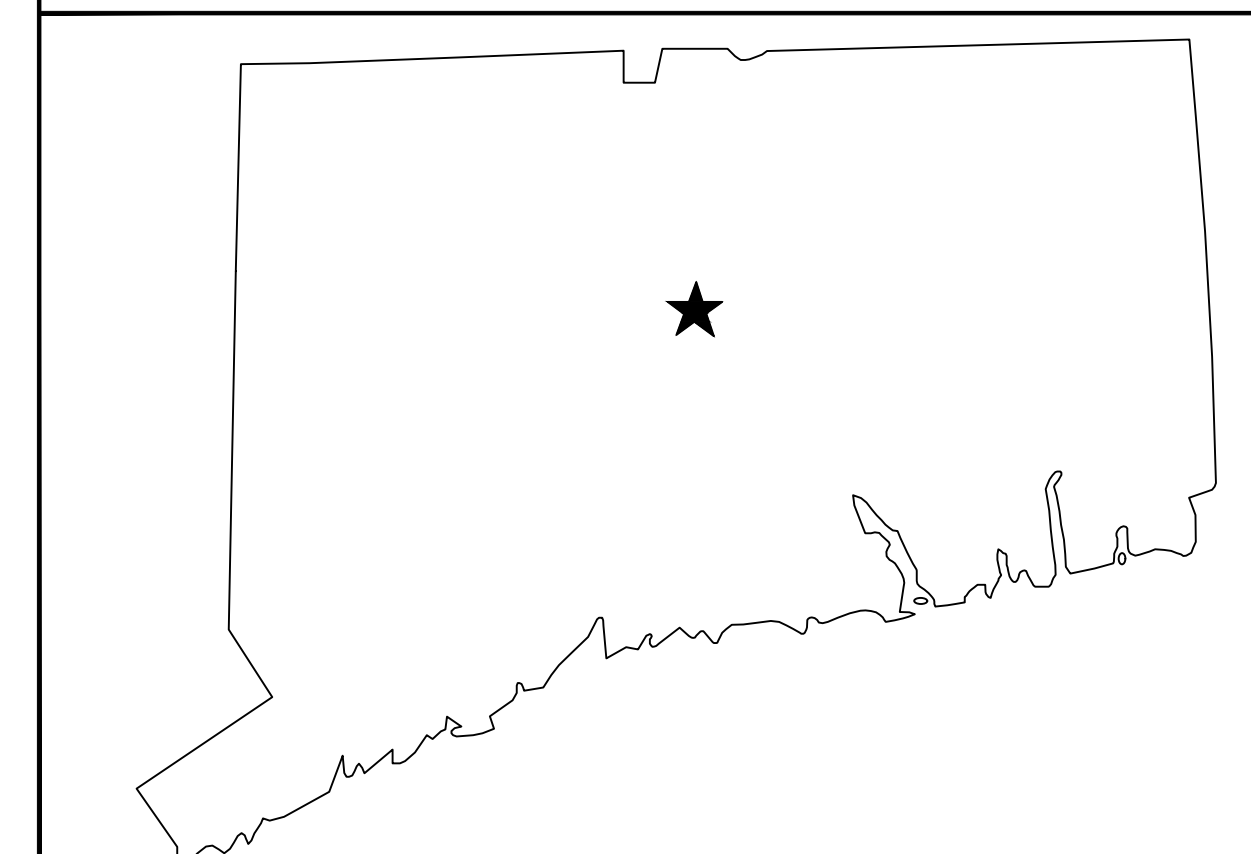
CONTRACT DRAWINGS

NO.	TITLE
	COVER SHEET
G1.01	PHASING PLANS
G1.02	PHASING PLANS
AD2.11	FIRST FLOOR AND INSPECTION BUILDING REFLECTED CEILING DEMOLITION PLAN
AD2.21	SECOND FLOOR REFLECTED CEILING DEMOLITION PLAN
AD2.31	THIRD FLOOR AND MECHANICAL PENTHOUSE REFLECTED CEILING DEMOLITION PLAN
A2.11	FIRST FLOOR AND INSPECTION BUILDING REFLECTED CEILING PLAN
A2.21	SECOND FLOOR REFLECTED CEILING PLAN
A2.31	THIRD FLOOR AND MECHANICAL PENTHOUSE REFLECTED CEILING PLAN
E0.01	ELECTRICAL SYMBOLS, NOTES & ABBREVIATIONS
E0.02	ELECTRICAL SCHEDULES
E0.03	ELECTRICAL LIGHTING CONTROL DETAILS
E0.04	ELECTRICAL DETAILS & LIGHTING CONTROL SCHEDULES
ED1.01	FIRST FLOOR AND INSPECTION BUILDING LIGHTING DEMOLITION PLAN
ED1.02	SECOND FLOOR LIGHTING DEMOLITION PLAN
ED1.03	THIRD FLOOR AND MECHANICAL PENTHOUSE LIGHTING DEMOLITION PLAN
E1.01	FIRST FLOOR AND INSPECTION BUILDING LIGHTING PLAN
E1.02	SECOND FLOOR LIGHTING PLAN
E1.03	THIRD FLOOR AND MECHANICAL PENTHOUSE LIGHTING PLAN
ES1.00	SITE LIGHTING PLAN

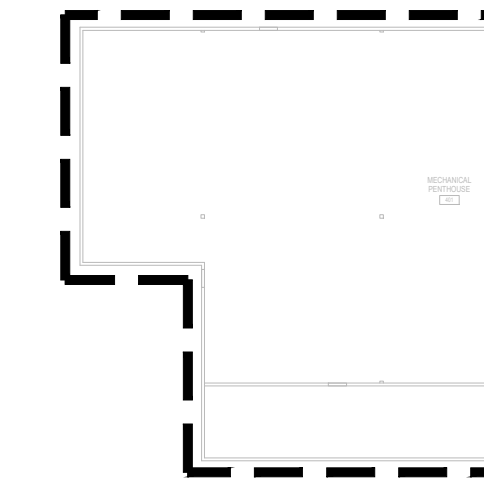
D.C.S BUILDING NUMBER 66544



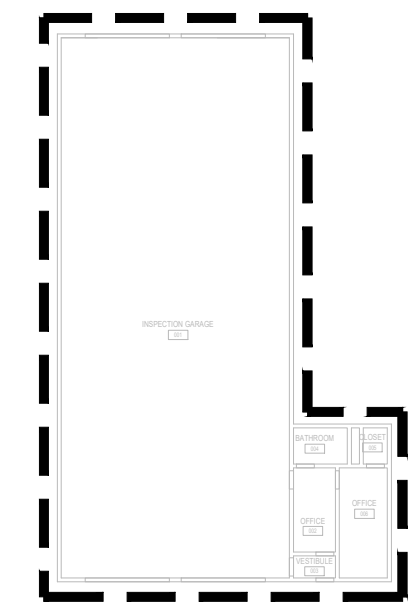
SITE PLAN



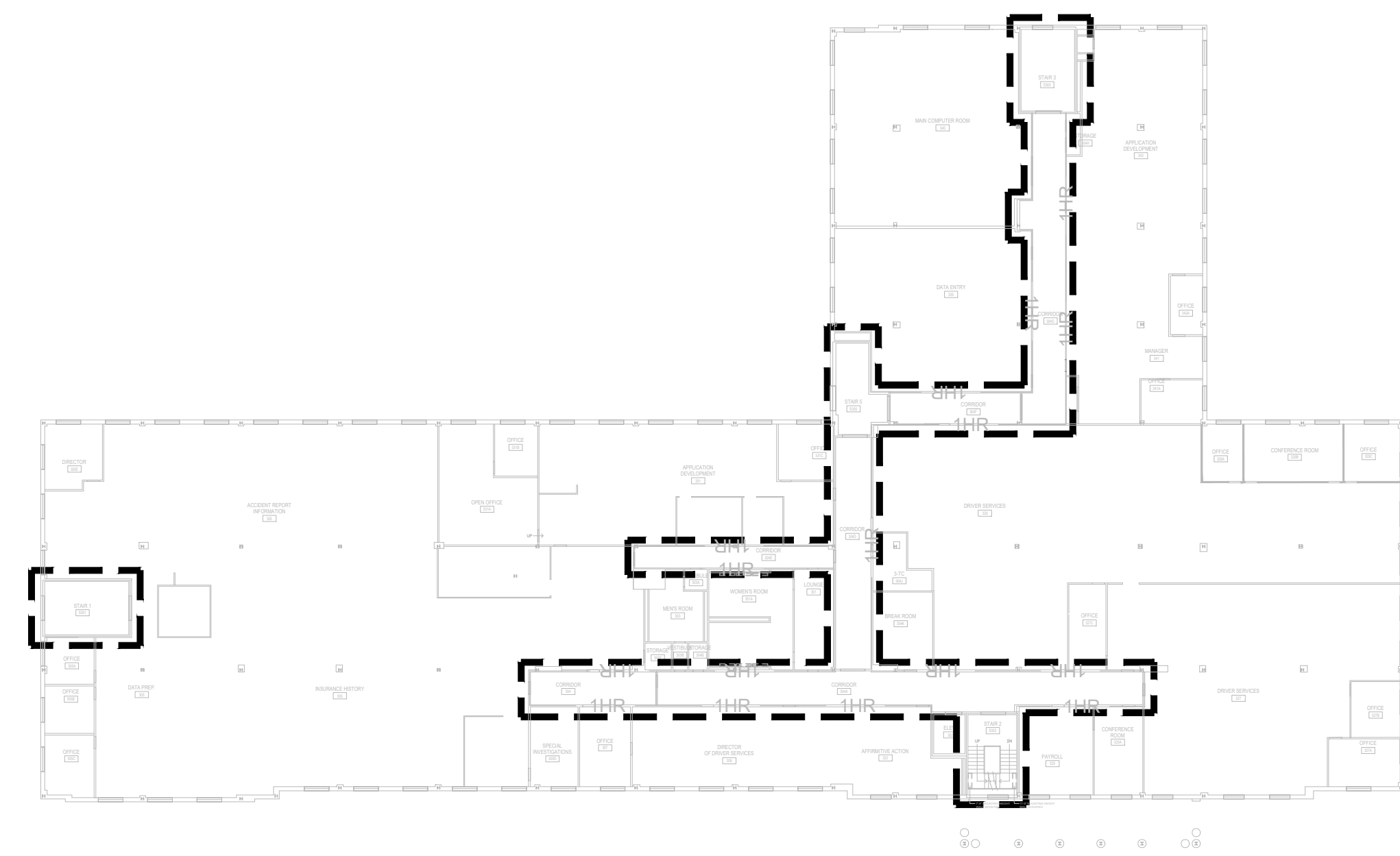
LOCATION PLAN



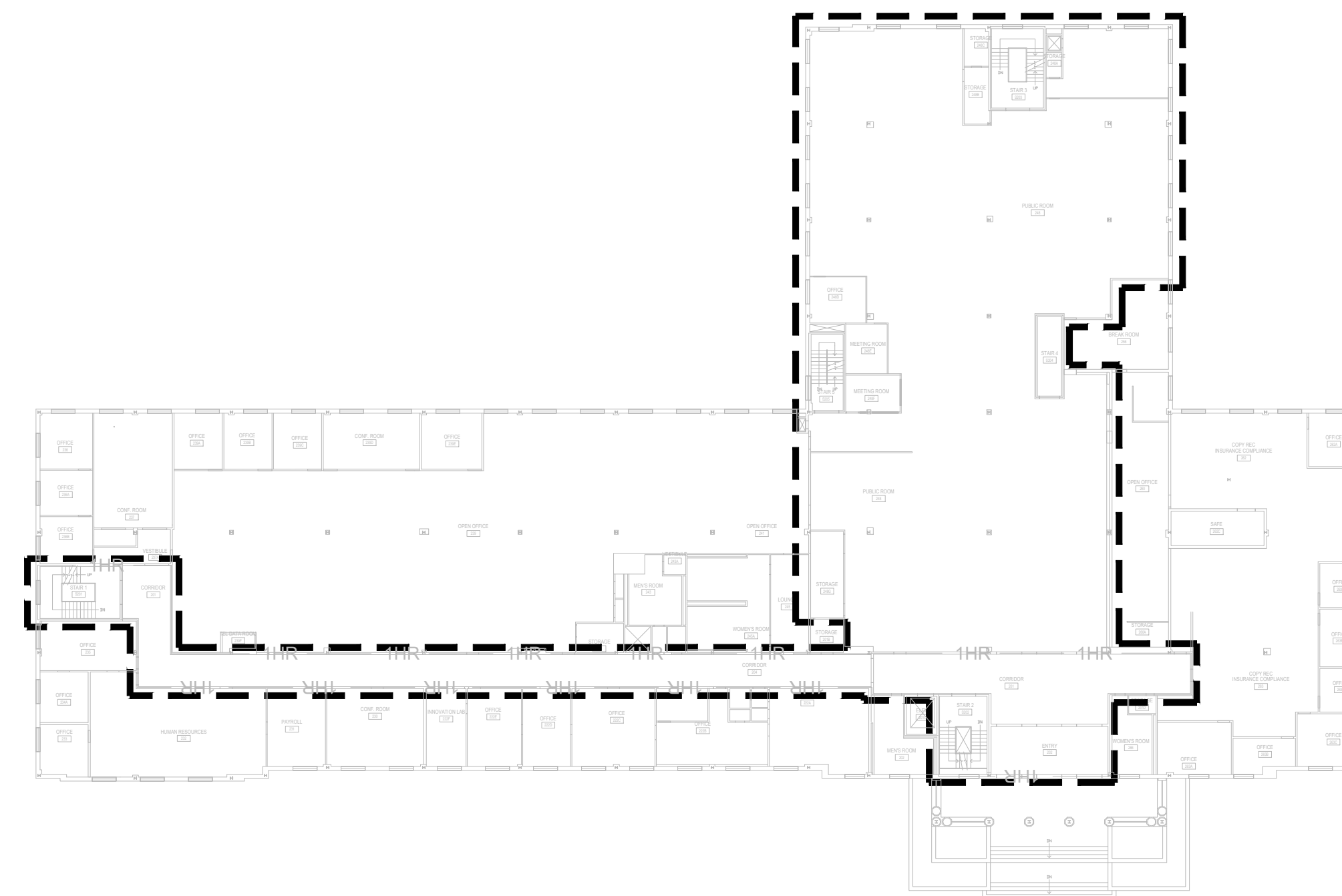
5 total area: 4,286sf
 phase 3 - mechanical penthouse
 1/32" = 1'-0"



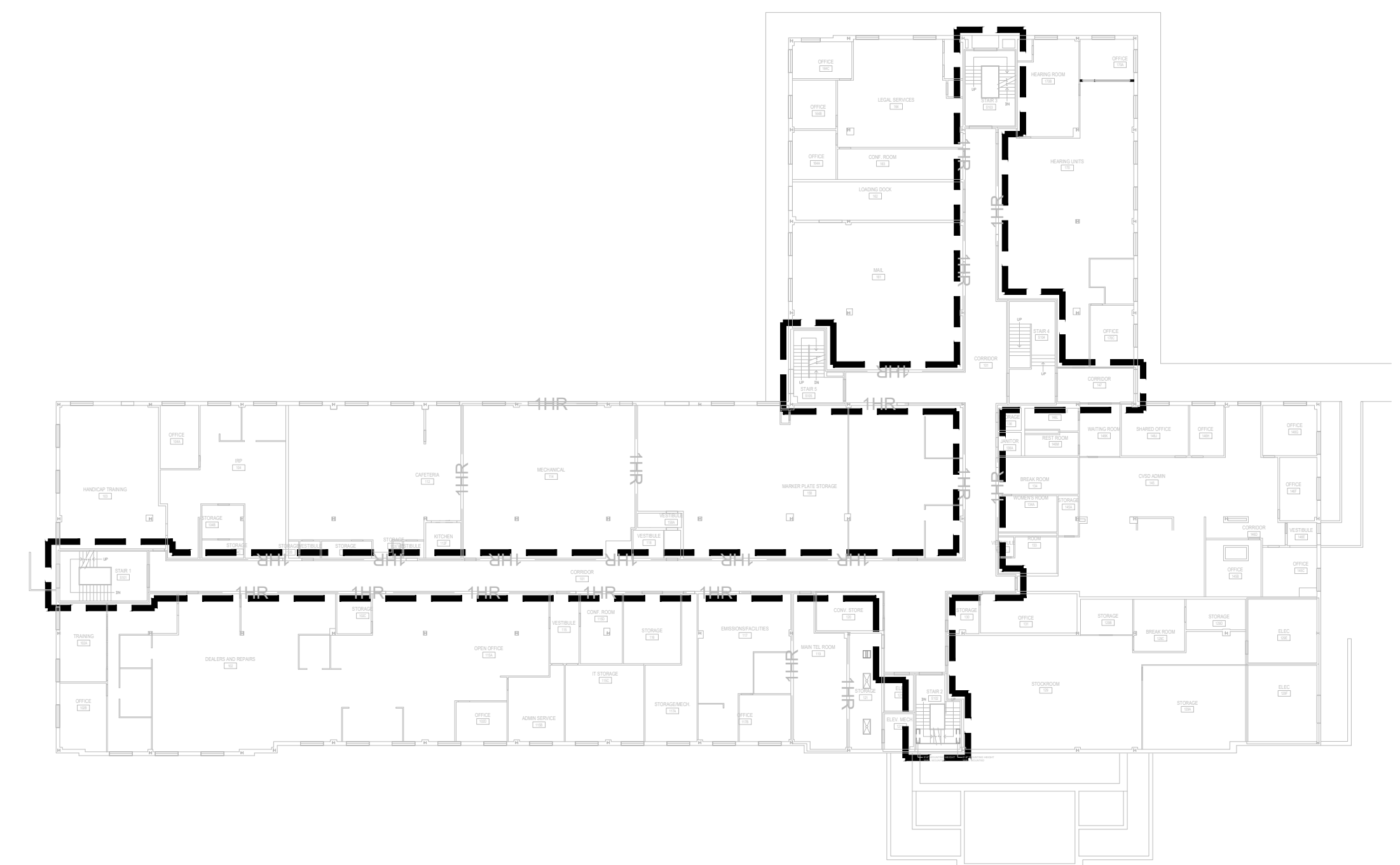
4 total area: 3,828sf
 phase 2 - inspection building
 1/32" = 1'-0"



3 total area: 37,991sf
 phase 1C - third floor
 1/32" = 1'-0"



2 total area: 37,991sf
 phase 1B - second floor
 1/32" = 1'-0"

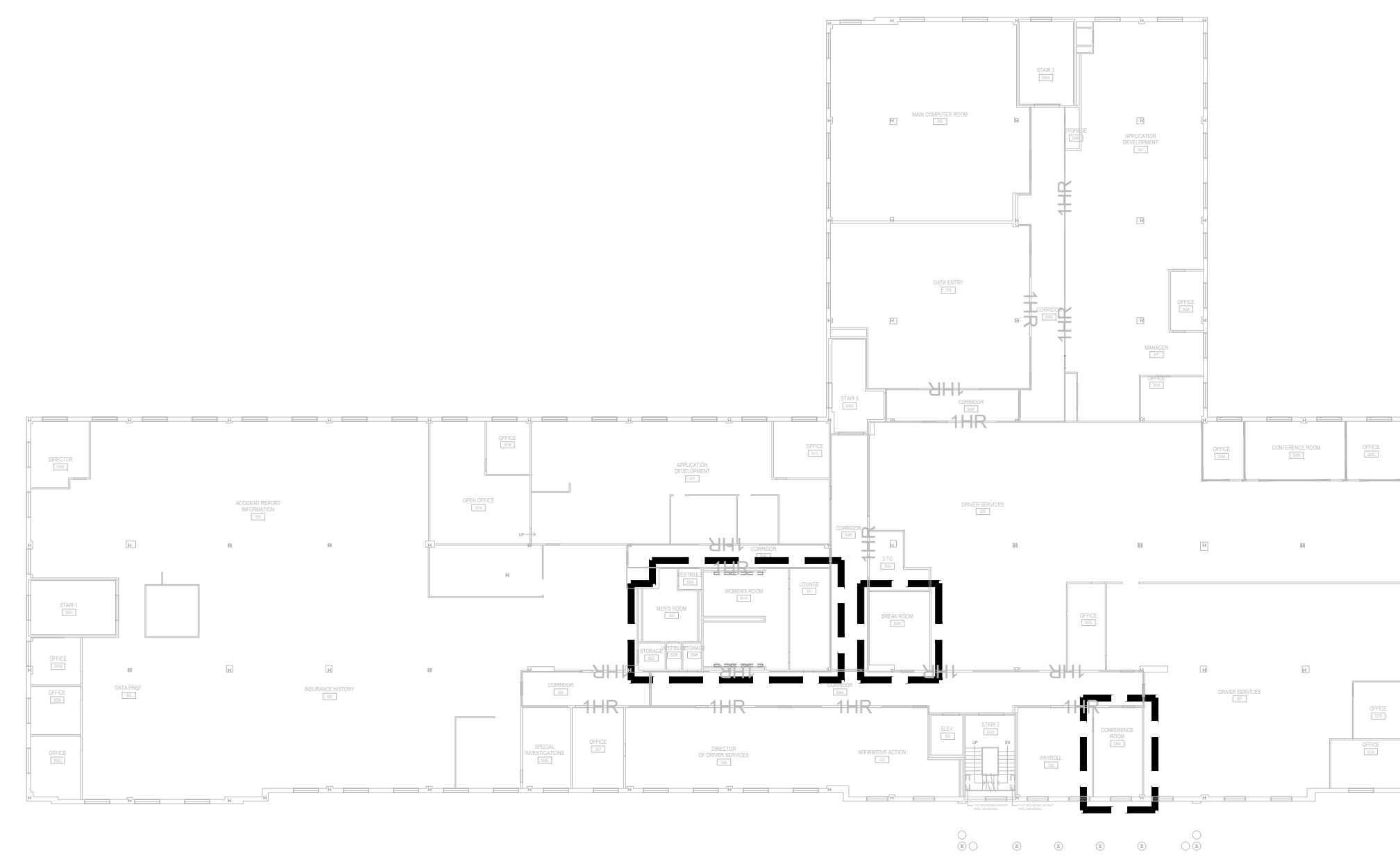


1 total area: 37,948sf
 phase 1A - first floor
 1/32" = 1'-0"

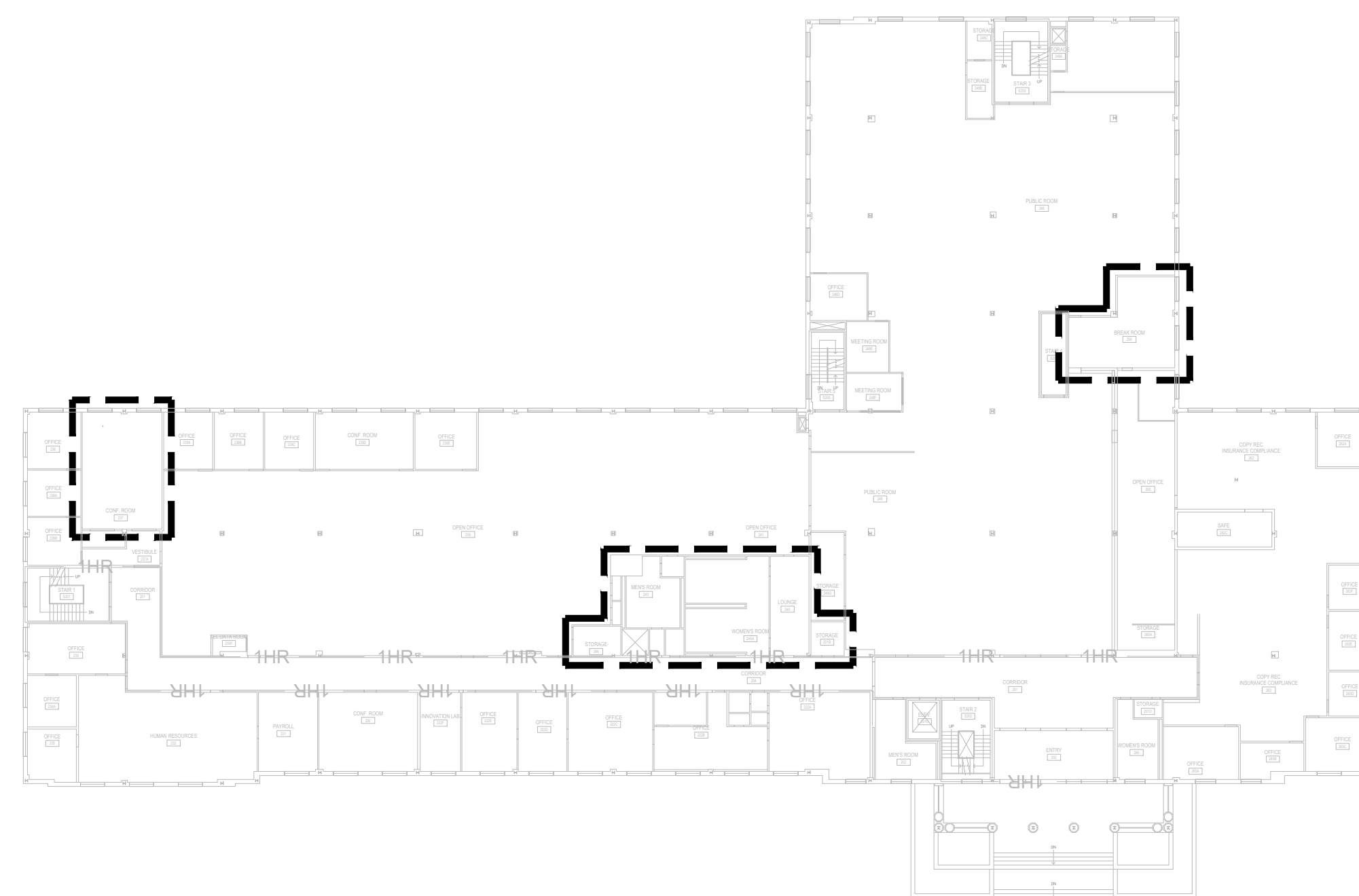
general phasing notes:

1. PHASE 1: WORK AREA LIMITED TO MONDAYS AND NON-OCCUPIED HOURS
2. PHASE 2: WORK AREA LIMITED TO NON-OCCUPIED HOURS
3. PHASE 3: WORK AREA NOT LIMITED TO OCCUPIED OR NON-OCCUPIED HOURS
4. PHASE 2 AND 3 WORK AREAS CAN BE BLENDED, SUBJECT TO AVAILABILITY AND COORDINATION WITH AGENCY.
5. EGRESS AND EXIT ACCESS IS TO BE MAINTAINED AT ALL TIMES DURING BUILDING OCCUPIED HOURS.
6. CONTRACTOR TO PROVIDE TEMPORARY PROTECTION AND DAILY CLEANUP OF ALL WORK AREAS.

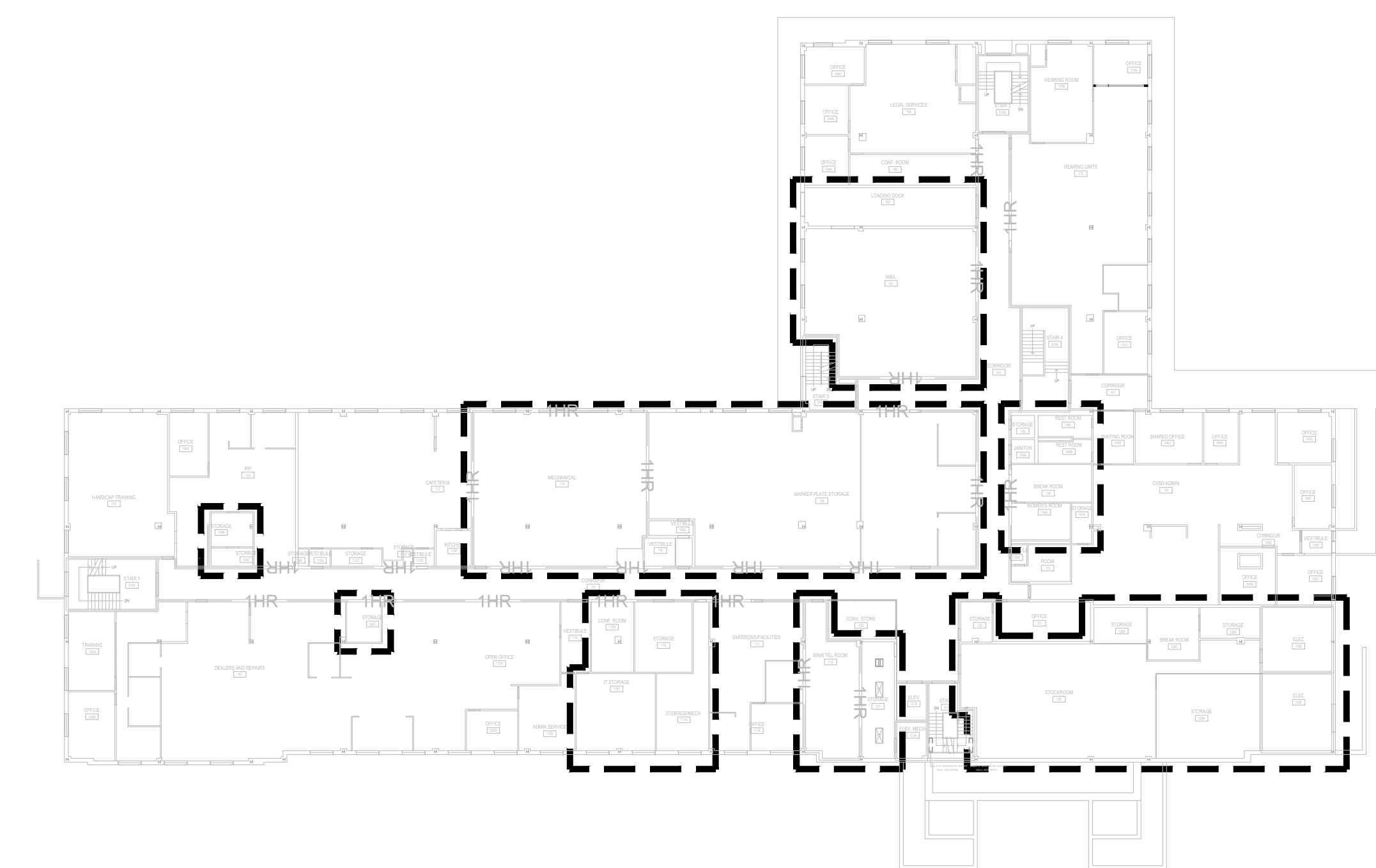
drawing title phasing plans		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by EDM 45 SOUTH MAIN STREET, 2ND FLOOR LIMONVILLE, CT	date 07/01/2020
	mark	scale 3/32" = 1'-0"	drawn by ECO
	date	project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT WETHERSFIELD, CT	approved by JRI
		GAD no. G101.dwg	project no. BI-MM-58
			drawing no. G1.01



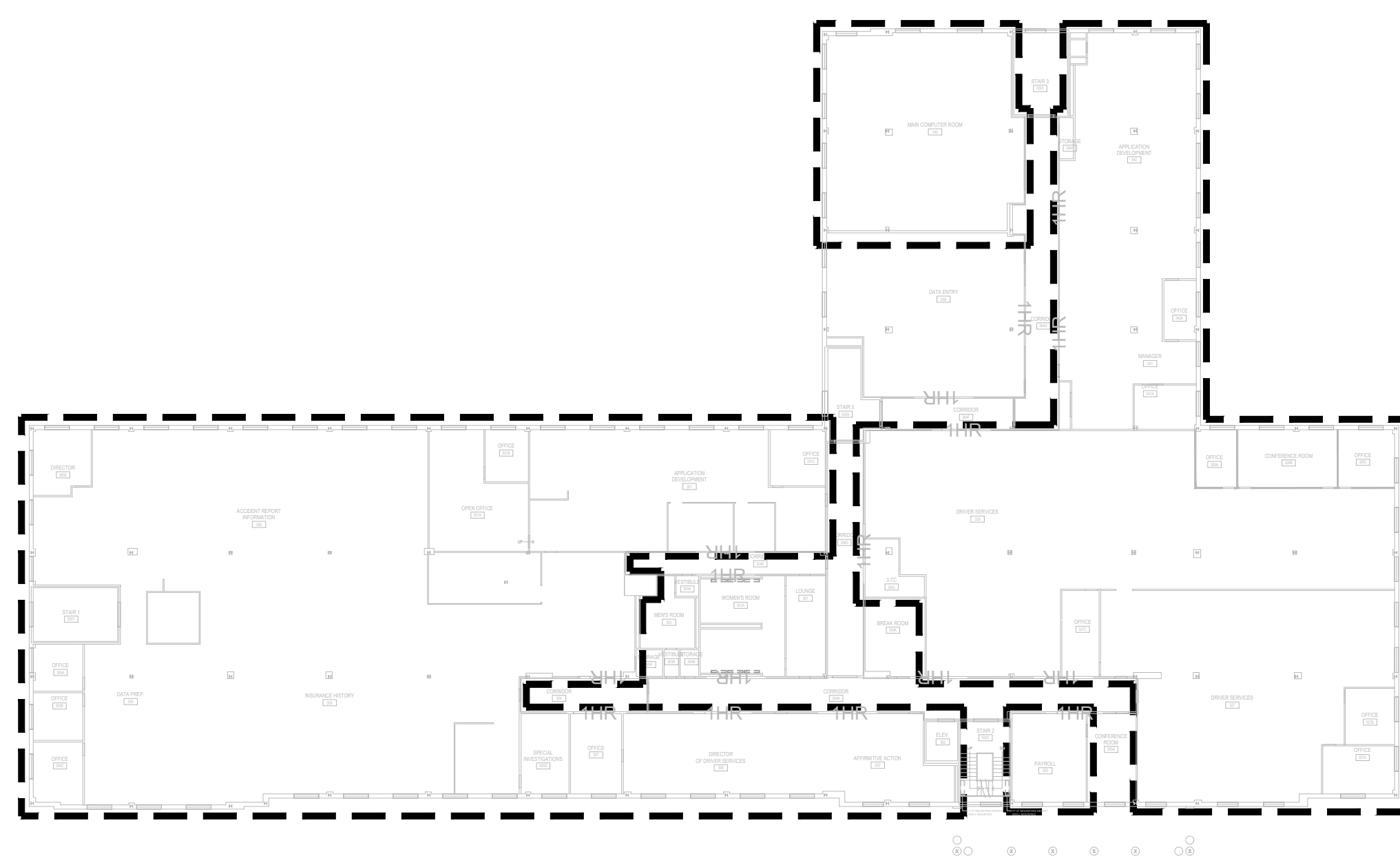
6 total area: 37,991sf
phase 3C - third floor
1/32" = 1'-0"



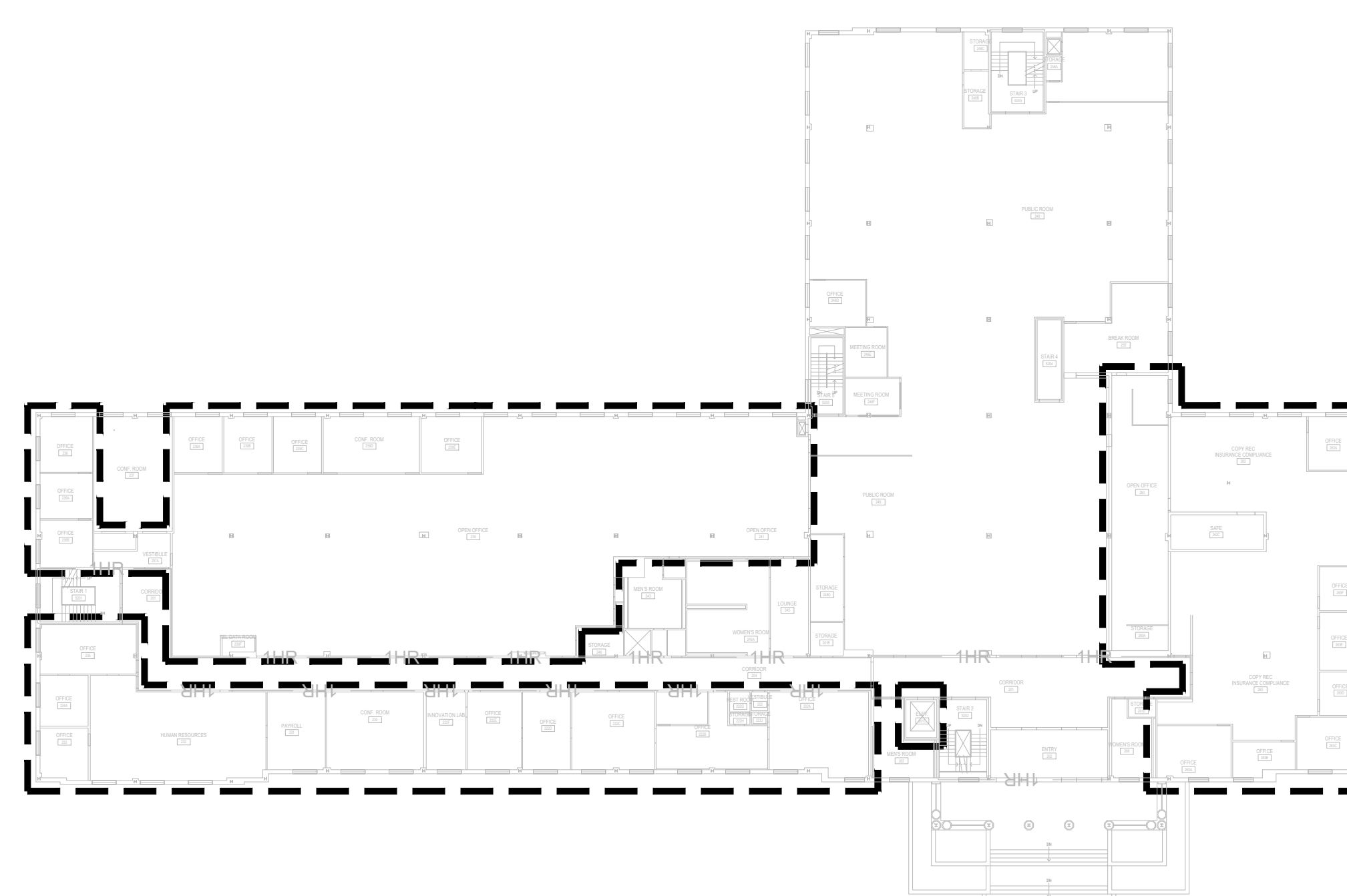
5 total area: 37,991sf
phase 3B - second floor
1/32" = 1'-0"



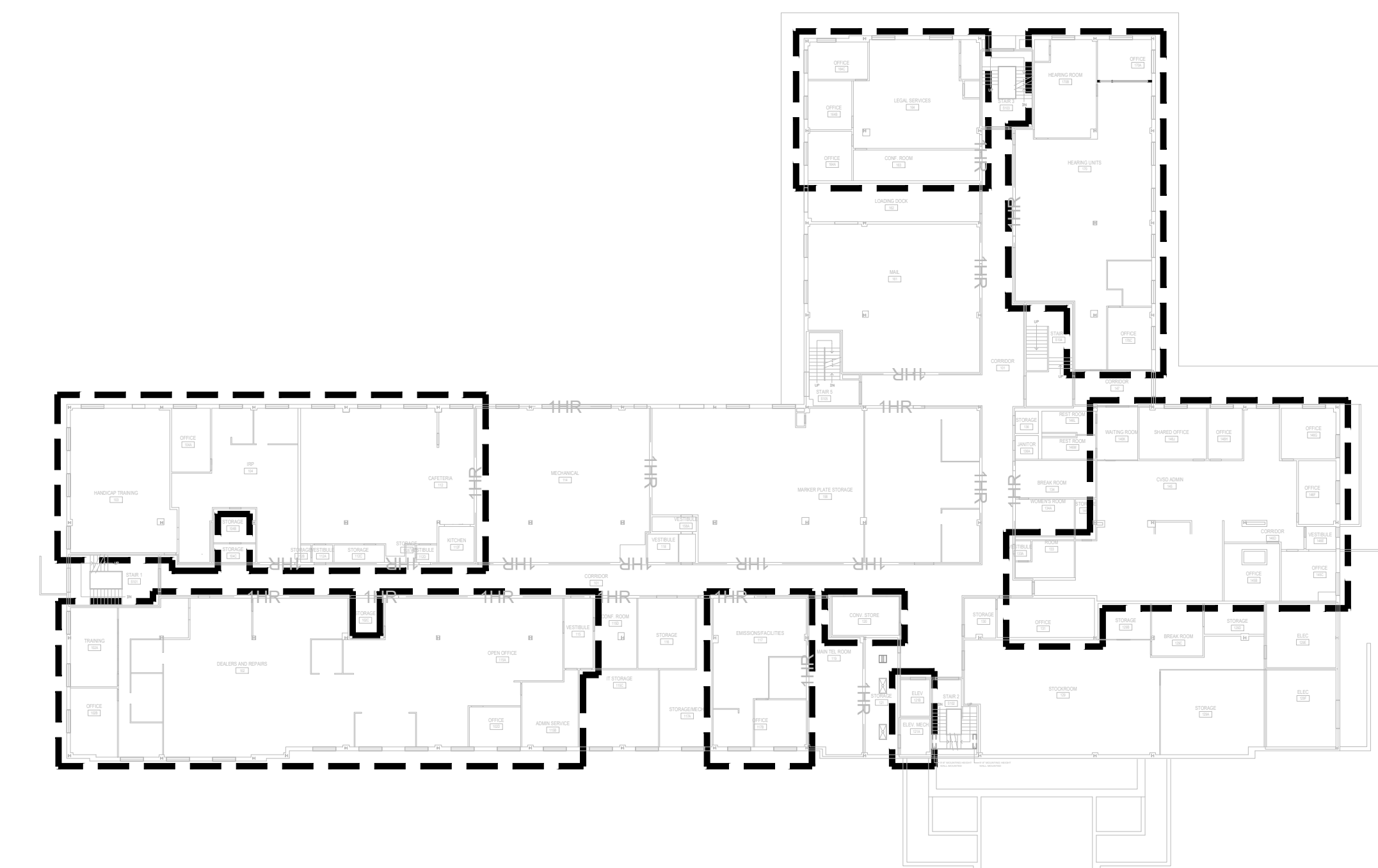
4 total area: 37,948sf
phase 3A - first floor
1/32" = 1'-0"



3 total area: 37,991sf
phase 2C - third floor
1/32" = 1'-0"



2 total area: 37,991sf
phase 2B - second floor
1/32" = 1'-0"

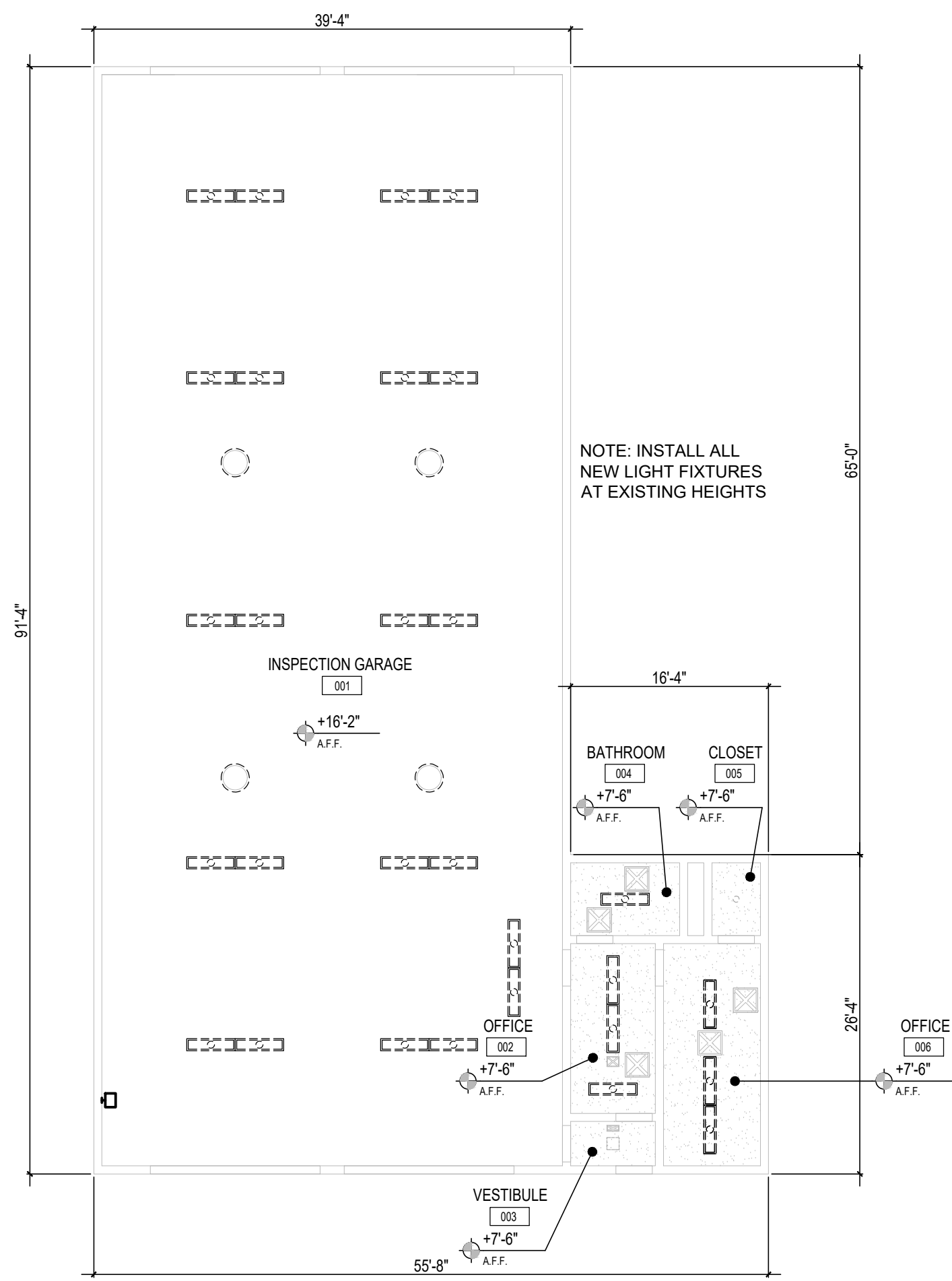


1 total area: 37,948sf
phase 2A - first floor
1/32" = 1'-0"

general phasing notes:

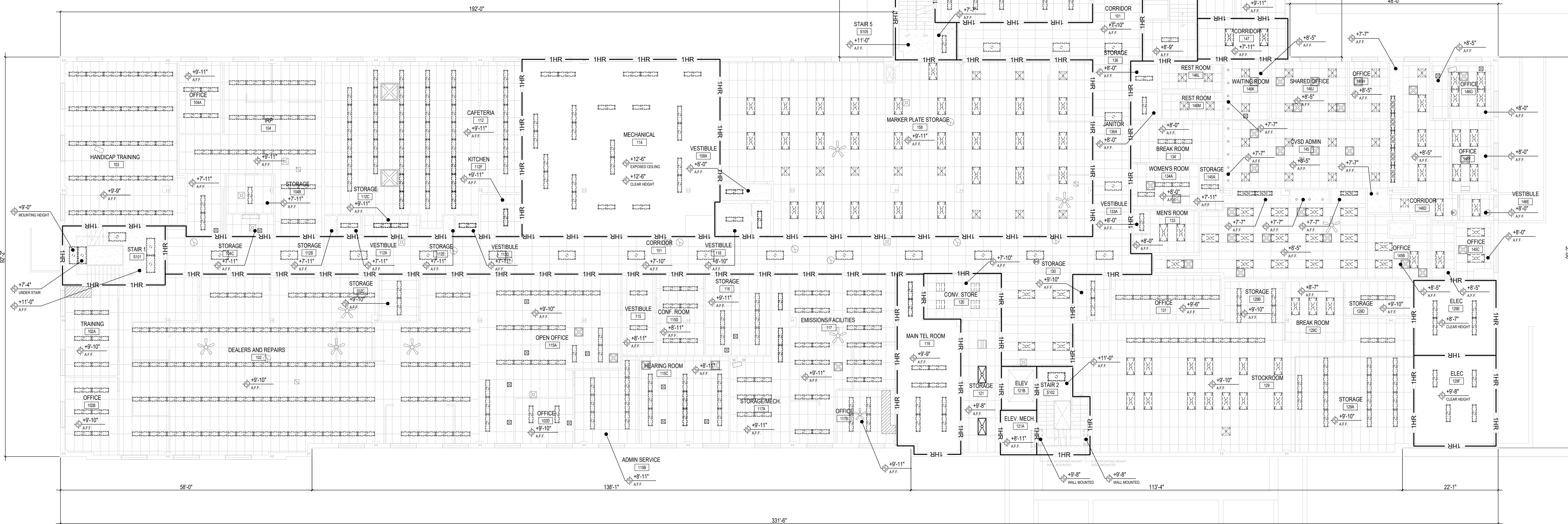
1. PHASE 1: WORK AREA LIMITED TO MONDAYS AND NON-OCCUPIED HOURS
2. PHASE 2: WORK AREA LIMITED TO NON-OCCUPIED HOURS
3. PHASE 3: WORK AREA NOT LIMITED TO OCCUPIED OR NON-OCCUPIED HOURS
4. PHASE 2 AND 3 WORK AREAS CAN BE BLENDED, SUBJECT TO AVAILABILITY AND COORDINATION WITH AGENCY.
5. EGRESS AND EXIT ACCESS IS TO BE MAINTAINED AT ALL TIMES DURING BUILDING OCCUPIED HOURS.
6. CONTRACTOR TO PROVIDE TEMPORARY PROTECTION AND DAILY CLEANUP OF ALL WORK AREAS.

drawing title phasing plans		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by EDM 45 SOUTH MAIN STREET, 2ND FLOOR LIMONVILLE, CT	date 07/01/2020
	mark	date	scale 3/32" = 1'-0"
	description	project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT WETHERSFIELD, CT	drawn by ECO approved by JRI drawing no. G1.02
GAD no. G102.dwg	project no. BI-MM-58		



NOTE: INSTALL ALL NEW LIGHT FIXTURES AT EXISTING HEIGHTS

total area: 3,828sf
inspection building demo rcp
3/32" = 1'-0"



total area: 37,948sf
first floor demo rcp
3/32" = 1'-0"

ceiling symbol legend

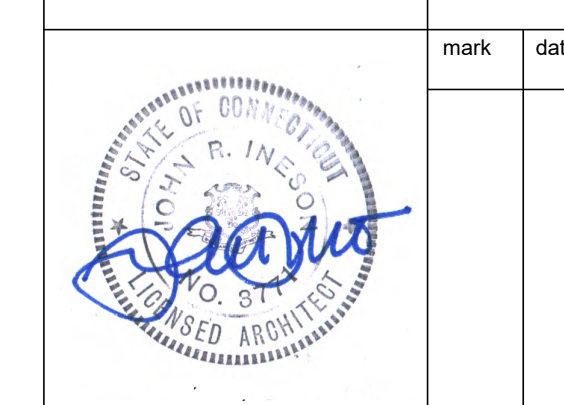
- 1HR — 1 HOUR FIRE RATED WALL
- 11'-6" A.F.F. CEILING HEIGHT ABOVE FINISHED FLOOR
- LAY-IN ACOUSTICAL CEILING TILE
- GYP-SUM WALL BOARD CEILING
- EXISTING MECHANICAL EQUIPMENT BELOW CEILING
- EXISTING PIPING BELOW CEILING
- EXISTING MECHANICAL VENT
- EXISTING SECURITY CAMERA
- EXISTING CEILING FAN
- EXISTING EXIT SIGN
- EXISTING RECESSED SPEAKERS
- EXISTING MOUNTED WIFI
- EXISTING FIRE ALARM / FIRE PROTECTION
- EXISTING CEILING MOUNTED FLAT PANEL MONITOR
- EXISTING CEILING MOUNTED BOX FAN WITH PIPES
- EXISTING CEILING MOUNTED BOX FAN
- EXISTING CEILING MOUNTED EMERGENCY LIGHTING
- EXISTING CEILING MOUNTED PROJECTOR
- 1' X 4' SURFACE MOUNTED LIGHT FIXTURE DEMO
- 1' X 4' RECESSED LIGHT FIXTURE DEMO
- 2' X 2' RECESSED LIGHT FIXTURE DEMO
- 2' X 4' RECESSED LIGHT FIXTURE DEMO
- 2' X 4' SURFACE MOUNTED LIGHT FIXTURE DEMO
- PENDANT LIGHT DEMO
- EXISTING 2' X 2' RECESSED LED LIGHT FIXTURE TO REMAIN
- EXISTING 2' X 4' RECESSED LED LIGHT FIXTURE TO REMAIN

reflected ceiling plan notes

1. LOCATE INDICATED LIGHT FIXTURES AND EQUIPMENT AT CENTER OF ACOUSTIC PANEL OR SOFFIT UNLESS OTHERWISE NOTED.
2. REFER TO ELECTRICAL LIGHTING PLAN FOR FIXTURE TYPES.
3. PAINT ALL CEILING GRID PREVIOUSLY CONCEALED BY SURFACE MOUNTED FIXTURES.
4. SALVAGE AND STORE ALL REMOVED CEILING TILES FOR FUTURE USE. IF NOT REUSED, DISPOSE OF PROPERLY.
5. CEILING HEIGHTS EXISTING TO REMAIN.
6. COORDINATE WITH ELECTRICAL PLANS FOR CEILING TILE REMOVAL AND REINSTALLATION.
7. FOR AREAS OF HARD SURFACE CEILING, SUBJECT TO FIXTURE REMOVAL OR REPLACEMENT, PAINT ENTIRE CEILING AREA (TYPICAL).
8. EXISTING CEILING TO REMAIN UNLESS NOTED.
9. AT SURFACE MOUNTED 1X4 AND 2X4 FIXTURES THAT ARE BEING REMOVED, REPLACE TWO (2) ADJACENT CEILING TILES AT 1X4 FIXTURES AND FOUR (4) ADJACENT CEILING TILES AT 2X4 FIXTURES WITH UNDAMAGED SALVAGED CEILING TILES IN ALL CORRIDOR LOCATIONS (TYP).
10. EXISTING CEILING FANS AND CEILING-MOUNTED MECHANICAL EQUIPMENT REMAIN UNLESS OTHERWISE NOTED.
11. PATCH GYP-SUM BOARD CEILING TO MATCH ADJACENT FINISH AND PAINT ENTIRE CEILING.
12. TESTING OF EMERGENCY LIGHTING SHALL BE WITNESSED BY OFFICE OF THE STATE FIRE MARSHAL (OSFM) PERSONNEL WHEN EACH PHASE IS COMPLETED.

drawing title
first floor and inspection building
reflected ceiling demolition plan

professional seal



REVISIONS

mark	date	description

drawing prepared by
EDM
45 SOUTH MAIN STREET, 2ND FLOOR
UNIONVILLE, CT

project
**60 STATE STREET
WETHERSFIELD DMV LIGHTING FIXTURE
& CONTROLS RETROFIT**
WETHERSFIELD, CT

date
07/10/2020

scale
3/32" = 1'-0"

drawn by
ECO

approved by
JRI

drawing no.
AD2.11

GAD no.
AD211.dwg

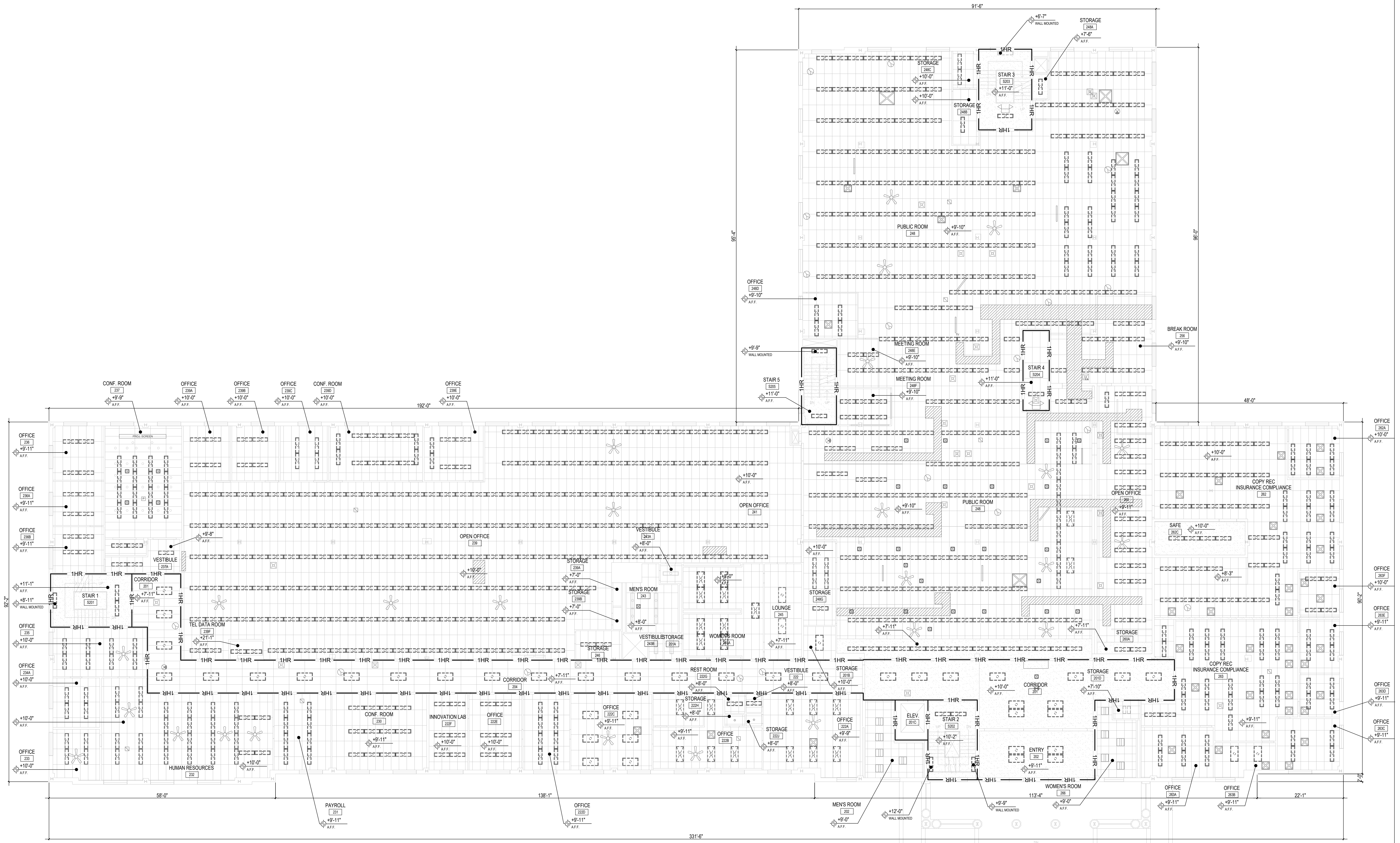
project no.
BI-MM-58

ceiling symbol legend

- 1 HOUR FIRE RATED WALL
- CEILING HEIGHT ABOVE FINISHED FLOOR
- LAY-IN ACOUSTICAL CEILING TILE
- GYPSUM WALL BOARD CEILING
- EXISTING MECHANICAL EQUIPMENT BELOW CEILING
- EXISTING PIPING BELOW CEILING
- EXISTING MECHANICAL VENT
- EXISTING SECURITY CAMERA
- EXISTING CEILING FAN
- EXISTING EXIT SIGN
- EXISTING RECESSED SPEAKERS
- EXISTING MOUNTED WIFI
- EXISTING FIRE ALARM / FIRE PROTECTION
- EXISTING CEILING MOUNTED FLAT PANEL MONITOR
- EXISTING CEILING MOUNTED BOX FAN WITH PIPES
- EXISTING CEILING MOUNTED BOX FAN
- EXISTING CEILING MOUNTED EMERGENCY LIGHTING
- EXISTING CEILING MOUNTED PROJECTOR
- 1' X 4' SURFACE MOUNTED LIGHT FIXTURE DEMO
- 1' X 4' RECESSED LIGHT FIXTURE DEMO
- 2' X 2' RECESSED LIGHT FIXTURE DEMO
- 2' X 4' RECESSED LIGHT FIXTURE DEMO
- 2' X 4' SURFACE MOUNTED LIGHT FIXTURE DEMO
- PENDANT LIGHT DEMO
- EXISTING 2' X 2' RECESSED LED LIGHT FIXTURE TO REMAIN
- EXISTING 2' X 4' RECESSED LED LIGHT FIXTURE TO REMAIN

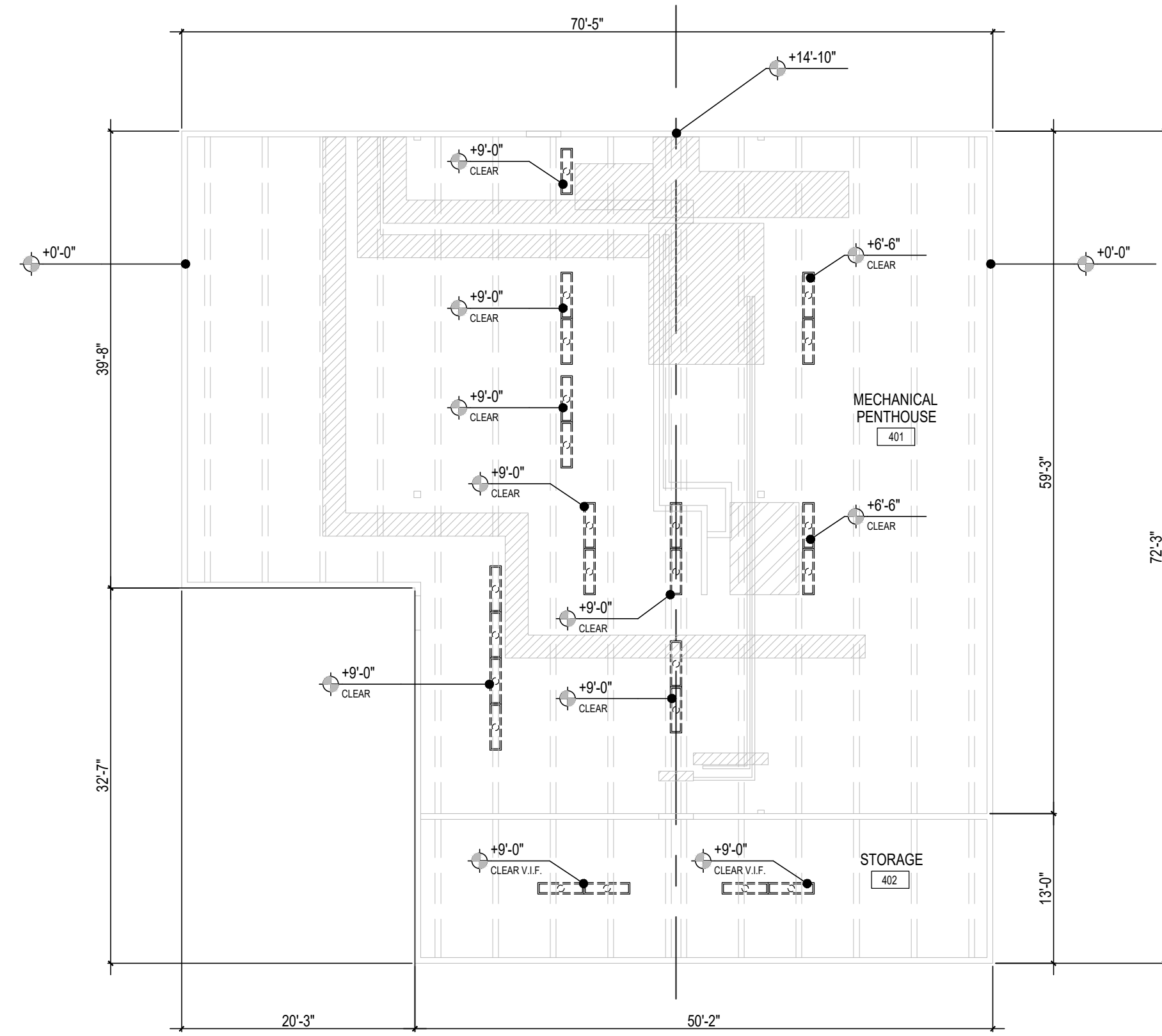
reflected ceiling plan notes

1. LOCATE INDICATED LIGHT FIXTURES AND EQUIPMENT AT CENTER OF ACOUSTIC PANEL OR SOFFIT UNLESS OTHERWISE NOTED.
2. REFER TO ELECTRICAL LIGHTING PLAN FOR FIXTURE TYPES.
3. PAINT ALL CEILING GRID PREVIOUSLY CONCEALED BY SURFACE MOUNTED FIXTURES.
4. SALVAGE AND STORE ALL REMOVED CEILING TILES FOR FUTURE USE. IF NOT REUSED, DISPOSE OF PROPERLY.
5. CEILING HEIGHTS EXISTING TO REMAIN.
6. COORDINATE WITH ELECTRICAL PLANS FOR CEILING TILE REMOVAL AND REINSTALLATION.
7. FOR AREAS OF HARD SURFACE CEILING, SUBJECT TO FIXTURE REMOVAL OR REPLACEMENT, PAINT ENTIRE CEILING AREA (TYPICAL).
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9. AT SURFACE MOUNTED 1X4 AND 2X4 FIXTURES THAT ARE BEING REMOVED, REPLACE TWO (2) ADJACENT CEILING TILES AT 1X4 FIXTURES AND FOUR (4) ADJACENT CEILING TILES AT 2X4 FIXTURES WITH UNDAMAGED SALVAGED CEILING TILES IN ALL CORRIDOR LOCATIONS (TYP).
10. EXISTING CEILING FANS AND CEILING-MOUNTED MECHANICAL EQUIPMENT REMAIN UNLESS OTHERWISE NOTED.
11. PATCH GYPSUM BOARD CEILING TO MATCH ADJACENT FINISH AND PAINT ENTIRE CEILING.
12. TESTING OF EMERGENCY LIGHTING SHALL BE WITNESSED BY OFFICE OF THE STATE FIRE MARSHAL (OSFM) PERSONNEL WHEN EACH PHASE IS COMPLETED.



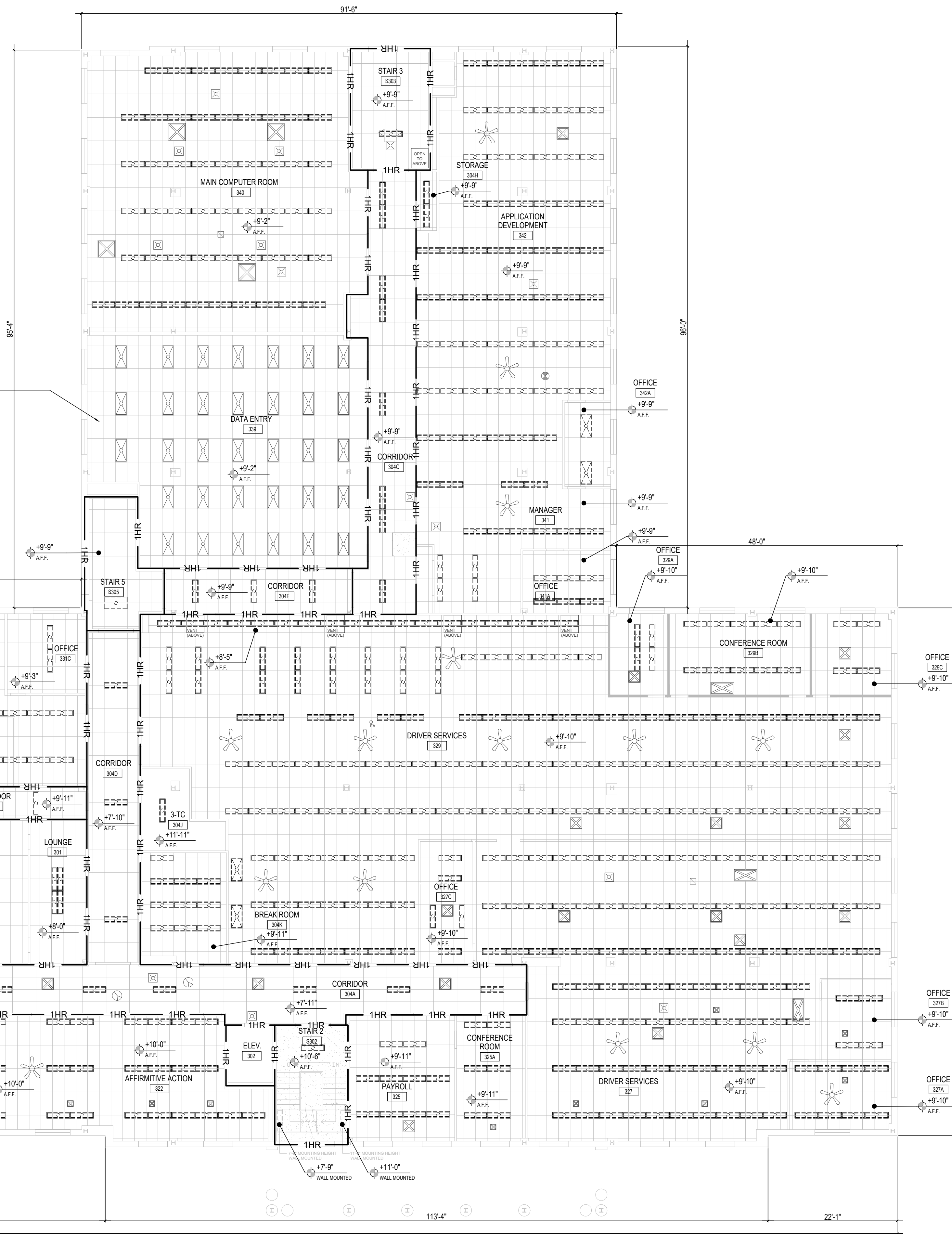
total area: 37,991sf
 1 second floor demo rcp
 3/32" = 1'-0"

drawing title second floor reflected ceiling demolition plan		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by EDM 45 SOUTH MAIN STREET, 2ND FLOOR UNIONVILLE, CT	date 07/01/2020
	mark	description	scale 3/32" = 1'-0"
	project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT		drawn by ECO
WETHERSFIELD, CT		approved by JRI	drawing no. AD2.21
GAD no. AD221.dwg	project no. BI-MM-58		



total area: 4,286sf
 2 mechanical penthouse demo rcp
 3/32" = 1'-0"

NOTE: EXISTING 2x4 RECESSED LED FIXTURES TO REMAIN



total area: 37,991sf
 1 third floor demo rcp
 3/32" = 1'-0"

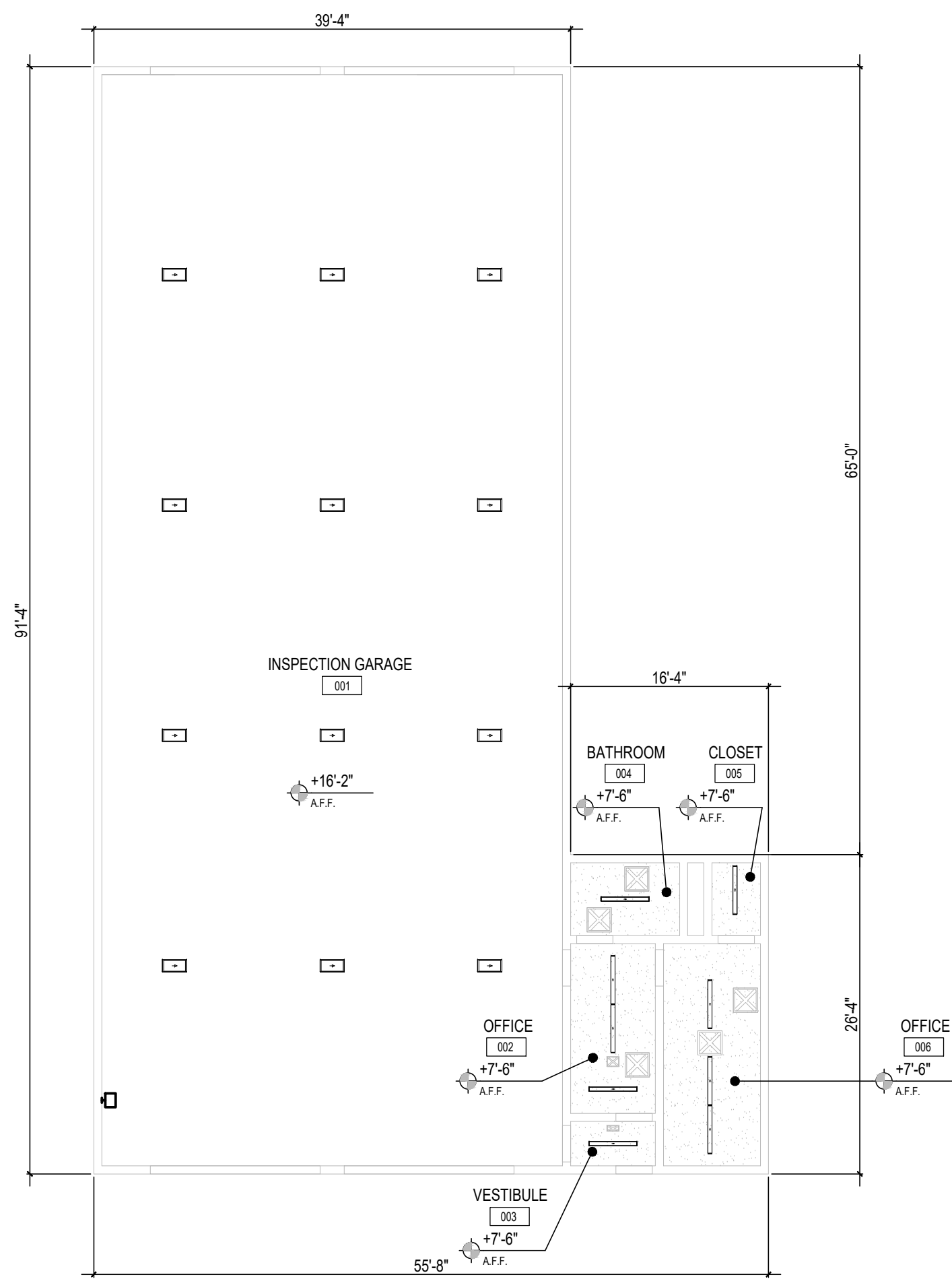
ceiling symbol legend

- 1HR — 1 HOUR FIRE RATED WALL
- ⬤ 11'-6" A.F.F. CEILING HEIGHT ABOVE FINISHED FLOOR
- ▨ LAY-IN ACOUSTICAL CEILING TILE
- ▨ GYPSUM WALL BOARD CEILING
- ▨ EXISTING MECHANICAL EQUIPMENT BELOW CEILING
- ▨ EXISTING PIPING BELOW CEILING
- ⊠ EXISTING MECHANICAL VENT
- ⊙ EXISTING SECURITY CAMERA
- ⊙ EXISTING CEILING FAN
- ⊙ EXISTING EXIT SIGN
- ⊙ EXISTING RECESSED SPEAKERS
- ⊙ EXISTING MOUNTED WIFI
- ⊙ EXISTING FIRE ALARM / FIRE PROTECTION
- ⊙ EXISTING CEILING MOUNTED FLAT PANEL MONITOR
- ⊙ EXISTING CEILING MOUNTED BOX FAN WITH PIPES
- ⊙ EXISTING CEILING MOUNTED BOX FAN
- ⊙ EXISTING CEILING MOUNTED EMERGENCY LIGHTING
- ⊙ EXISTING CEILING MOUNTED PROJECTOR
- ⊙ 1' X 4' SURFACE MOUNTED LIGHT FIXTURE DEMO
- ⊙ 1' X 4' RECESSED LED LIGHT FIXTURE DEMO
- ⊙ 2' X 2' RECESSED LED LIGHT FIXTURE DEMO
- ⊙ 2' X 4' SURFACE MOUNTED LIGHT FIXTURE DEMO
- ⊙ PENDANT LIGHT DEMO
- ⊙ EXISTING 2' X 2' RECESSED LED LIGHT FIXTURE TO REMAIN
- ⊙ EXISTING 2' X 4' RECESSED LED LIGHT FIXTURE TO REMAIN

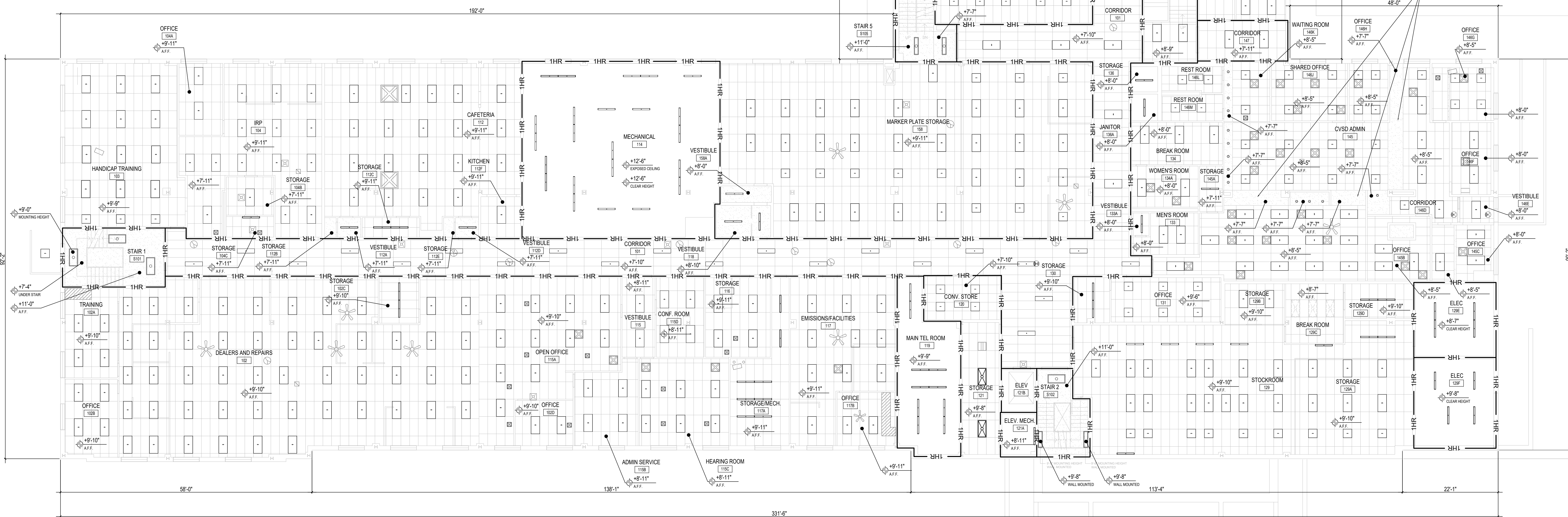
reflected ceiling plan notes

1. LOCATE INDICATED LIGHT FIXTURES AND EQUIPMENT AT CENTER OF ACOUSTIC PANEL OR SOFFIT UNLESS OTHERWISE NOTED.
2. REFER TO ELECTRICAL LIGHTING PLAN FOR FIXTURE TYPES.
3. PAINT ALL CEILING GRID PREVIOUSLY CONCEALED BY SURFACE MOUNTED FIXTURES.
4. SALVAGE AND STORE ALL REMOVED CEILING TILES FOR FUTURE USE. IF NOT REUSED, DISPOSE OF PROPERLY.
5. CEILING HEIGHTS EXISTING TO REMAIN.
6. COORDINATE WITH ELECTRICAL PLANS FOR CEILING TILE REMOVAL AND REINSTALLATION.
7. FOR AREAS OF HARD SURFACE CEILING, SUBJECT TO FIXTURE REMOVAL OR REPLACEMENT, PAINT ENTIRE CEILING AREA (TYPICAL).
8. EXISTING CEILING TO REMAIN UNLESS NOTED.
9. AT SURFACE-MOUNTED 1X4 AND 2X4 FIXTURES THAT ARE BEING REMOVED, REPLACE TWO (2) ADJACENT CEILING TILES AT 1X4 FIXTURES AND FOUR (4) ADJACENT CEILING TILES AT 2X4 FIXTURES WITH UNDAMAGED SALVAGED CEILING TILES IN ALL CORRIDOR LOCATIONS (TYP).
10. EXISTING CEILING FANS AND CEILING-MOUNTED MECHANICAL EQUIPMENT REMAIN UNLESS OTHERWISE NOTED.
11. PATCH GYPSUM BOARD CEILING TO MATCH ADJACENT FINISH AND PAINT ENTIRE CEILING.
12. TESTING OF EMERGENCY LIGHTING SHALL BE WITNESSED BY OFFICE OF THE STATE FIRE MARSHAL (OSFM) PERSONNEL WHEN EACH PHASE IS COMPLETED.

drawing title third floor and mechanical penthouse reflected ceiling demolition plan		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by EDM 45 SOUTH MAIN STREET, 2ND FLOOR LIMONVILLE, CT	date 07/01/2020 scale 3/32" = 1'-0"
	mark	description	drawn by ECO
			approved by JRI
project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT		drawing no. AD231	
GAD no. AD231.dwg	project no. BI-MM-58		



total area: 3,828sf
 inspection building rcp
 3/32" = 1'-0"




total area: 37,948sf
 first floor rcp
 3/32" = 1'-0"

ceiling symbol legend

- 1HR 1 HOUR FIRE RATED WALL
- ⬇ 11'-6" A.F.F. CEILING HEIGHT ABOVE FINISHED FLOOR
- ▭ LAY-IN ACOUSTICAL CEILING TILE
- ▨ GYPSUM WALL BOARD CEILING
- ▩ EXISTING MECHANICAL EQUIPMENT BELOW CEILING
- ▧ EXISTING PIPING BELOW CEILING
- ⊗ EXISTING MECHANICAL VENT
- ⊕ EXISTING SECURITY CAMERA
- ⊙ EXISTING CEILING FAN
- ⊗ EXISTING EXIT SIGN
- ⊗ EXISTING RECESSED SPEAKERS
- ⊗ EXISTING MOUNTED WIFI
- ⊗ EXISTING FIRE ALARM / FIRE PROTECTION
- ⊗ EXISTING CEILING MOUNTED FLAT PANEL MONITOR
- ⊗ EXISTING CEILING MOUNTED BOX FAN WITH PIPES
- ⊗ EXISTING CEILING MOUNTED BOX FAN
- ⊗ EXISTING CEILING MOUNTED EMERGENCY LIGHTING
- ⊗ EXISTING CEILING MOUNTED PROJECTOR
- ⊗ EXISTING 2' X 2' RECESSED LED LIGHT FIXTURE TO REMAIN
- ⊗ EXISTING 2' X 4' RECESSED LED LIGHT FIXTURE TO REMAIN
- ⊗ 1' X 4' RECESSED LED LIGHT FIXTURE
- ⊗ 2' X 2' RECESSED LED LIGHT FIXTURE
- ⊗ 4" WRAPAROUND LED LIGHT FIXTURE
- ⊗ 2' X 4' RECESSED LED LIGHT FIXTURE
- ⊗ 2' X 4' SURFACE MOUNTED LED LIGHT FIXTURE
- ⊗ 1' X 2' HIGHBAY LED LIGHT FIXTURE
- ⊗ 1' X 4' SURFACE MOUNTED LED LIGHT FIXTURE
- ⊗ 1' X 4' WALL MOUNTED LED LIGHT FIXTURE
- ⊙ 6" RECESSED ROUND LED DOWNLIGHT
- ⊗ LED FLOODLIGHT

reflected ceiling plan notes

1. LOCATE INDICATED LIGHT FIXTURES AND EQUIPMENT AT CENTER OF ACOUSTIC PANEL OR SOFFIT UNLESS OTHERWISE NOTED.
2. REFER TO ELECTRICAL LIGHTING PLAN FOR FIXTURE TYPES.
3. PAINT ALL CEILING GRID PREVIOUSLY CONCEALED BY SURFACE MOUNTED FIXTURES.
4. SALVAGE AND STORE ALL REMOVED CEILING TILES FOR FUTURE USE. IF NOT REUSED, DISPOSE OF PROPERLY.
5. CEILING HEIGHTS EXISTING TO REMAIN.
6. COORDINATE WITH ELECTRICAL PLANS FOR CEILING TILE REMOVAL AND REINSTALLATION.
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8. EXISTING CEILING TO REMAIN UNLESS NOTED.
9. AT SURFACE-MOUNTED 1X4 AND 2X4 FIXTURES THAT ARE BEING REMOVED, REPLACE TWO (2) ADJACENT CEILING TILES AT 1X4 FIXTURES AND FOUR (4) ADJACENT CEILING TILES AT 2X4 FIXTURES WITH UNDAMAGED SALVAGED CEILING TILES IN ALL CORRIDOR LOCATIONS (TYP).
10. EXISTING CEILING FANS AND CEILING-MOUNTED MECHANICAL EQUIPMENT REMAIN UNLESS OTHERWISE NOTED.
11. PATCH GYPSUM BOARD CEILING TO MATCH ADJACENT FINISH AND PAINT ENTIRE CEILING.
12. TESTING OF EMERGENCY LIGHTING SHALL BE WITNESSED BY OFFICE OF THE STATE FIRE MARSHAL (OSFM) PERSONNEL WHEN EACH PHASE IS COMPLETED.

drawing title first floor and inspection building reflected ceiling plan		REVISIONS		drawing prepared by EDM 45 SOUTH MAIN STREET, 2ND FLOOR LIMONVILLE, CT		date 07/01/2020	
professional seal	mark	date	description	project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT		scale 3/32" = 1'-0"	
				approved by JRI		drawing no. A2.11	
				GAD no. A211.dwg		project no. BI-MM-58	

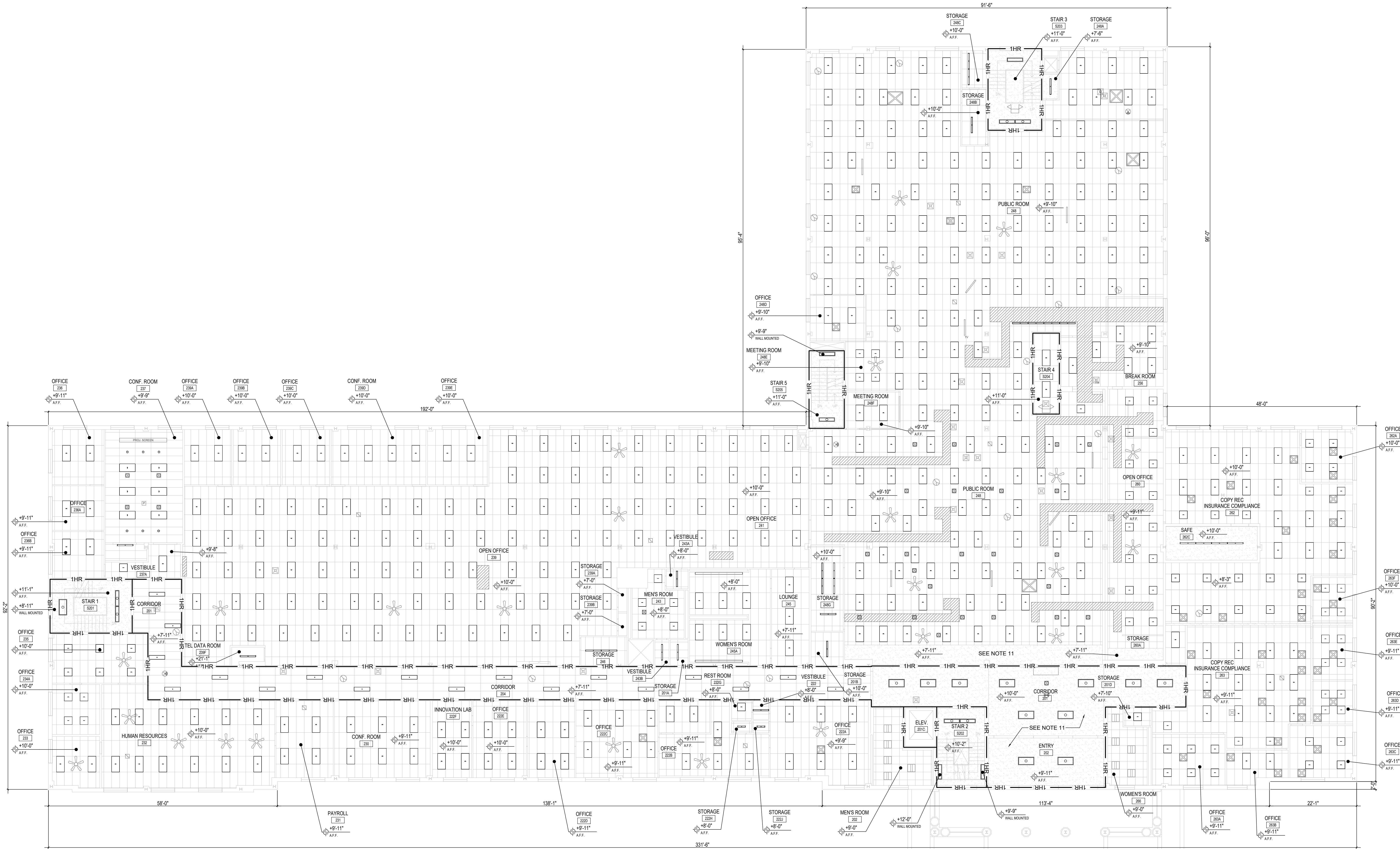
STATE OF CONNECTICUT
 DEPARTMENT OF ADMINISTRATIVE SERVICES

ceiling symbol legend

- 1HR 1 HOUR FIRE RATED WALL
- 11'-6" A.F.F. CEILING HEIGHT ABOVE FINISHED FLOOR
- LAY-IN ACOUSTICAL CEILING TILE
- GYPSUM WALL BOARD CEILING
- EXISTING MECHANICAL EQUIPMENT BELOW CEILING
- EXISTING PIPING BELOW CEILING
- EXISTING MECHANICAL VENT
- EXISTING SECURITY CAMERA
- EXISTING CEILING FAN
- EXISTING EXIT SIGN
- EXISTING RECESSED SPEAKERS
- EXISTING MOUNTED WIFI
- EXISTING FIRE ALARM / FIRE PROTECTION
- EXISTING CEILING MOUNTED FLAT PANEL MONITOR
- EXISTING CEILING MOUNTED BOX FAN WITH PIPES
- EXISTING CEILING MOUNTED BOX FAN
- EXISTING CEILING MOUNTED EMERGENCY LIGHTING
- EXISTING CEILING MOUNTED PROJECTOR
- EXISTING 2' X 2' RECESSED LED LIGHT FIXTURE TO REMAIN
- EXISTING 2' X 4' RECESSED LED LIGHT FIXTURE TO REMAIN
- 1' X 4' RECESSED LED LIGHT FIXTURE
- 2' X 2' RECESSED LED LIGHT FIXTURE
- 4' WRAPAROUND LED LIGHT FIXTURE
- 2' X 4' RECESSED LED LIGHT FIXTURE
- 2' X 4' SURFACE MOUNTED LED LIGHT FIXTURE
- 1' X 2' HIGHBAY LED LIGHT FIXTURE
- 1' X 4' SURFACE MOUNTED LED LIGHT FIXTURE
- 1' X 4' WALL MOUNTED LED LIGHT FIXTURE
- 6" RECESSED ROUND LED DOWNLIGHT
- LED FLOODLIGHT

reflected ceiling plan notes

1. LOCATE INDICATED LIGHT FIXTURES AND EQUIPMENT AT CENTER OF ACOUSTIC PANEL OR SOFFIT UNLESS OTHERWISE NOTED.
2. REFER TO ELECTRICAL LIGHTING PLAN FOR FIXTURE TYPES.
3. PAINT ALL CEILING GRID PREVIOUSLY CONCEALED BY SURFACE MOUNTED FIXTURES.
4. SALVAGE AND STORE ALL REMOVED CEILING TILES FOR FUTURE USE. IF NOT REUSED, DISPOSE OF PROPERLY.
5. CEILING HEIGHTS EXISTING TO REMAIN.
6. COORDINATE WITH ELECTRICAL PLANS FOR CEILING TILE REMOVAL AND REINSTALLATION.
7. FOR AREAS OF HARD SURFACE CEILING, SUBJECT TO FIXTURE REMOVAL OR REPLACEMENT, PAINT ENTIRE CEILING AREA (TYPICAL).
8. EXISTING CEILING TO REMAIN UNLESS NOTED.
9. AT SURFACE-MOUNTED 1X4 AND 2X4 FIXTURES THAT ARE BEING REMOVED, REPLACE TWO (2) ADJACENT CEILING TILES AT 1X4 FIXTURES AND FOUR (4) ADJACENT CEILING TILES AT 2X4 FIXTURES WITH UNDAMAGED SALVAGED CEILING TILES IN ALL CORRIDOR LOCATIONS (TYP).
10. EXISTING CEILING FANS AND CEILING-MOUNTED MECHANICAL EQUIPMENT REMAIN UNLESS OTHERWISE NOTED.
11. PATCH GYPSUM BOARD CEILING TO MATCH ADJACENT FINISH AND PAINT ENTIRE CEILING.
12. TESTING OF EMERGENCY LIGHTING SHALL BE WITNESSED BY OFFICE OF THE STATE FIRE MARSHAL (OSFM) PERSONNEL WHEN EACH PHASE IS COMPLETED.



total area: 37,991sf
 second floor rcp
 1 3/32" = 1'-0"

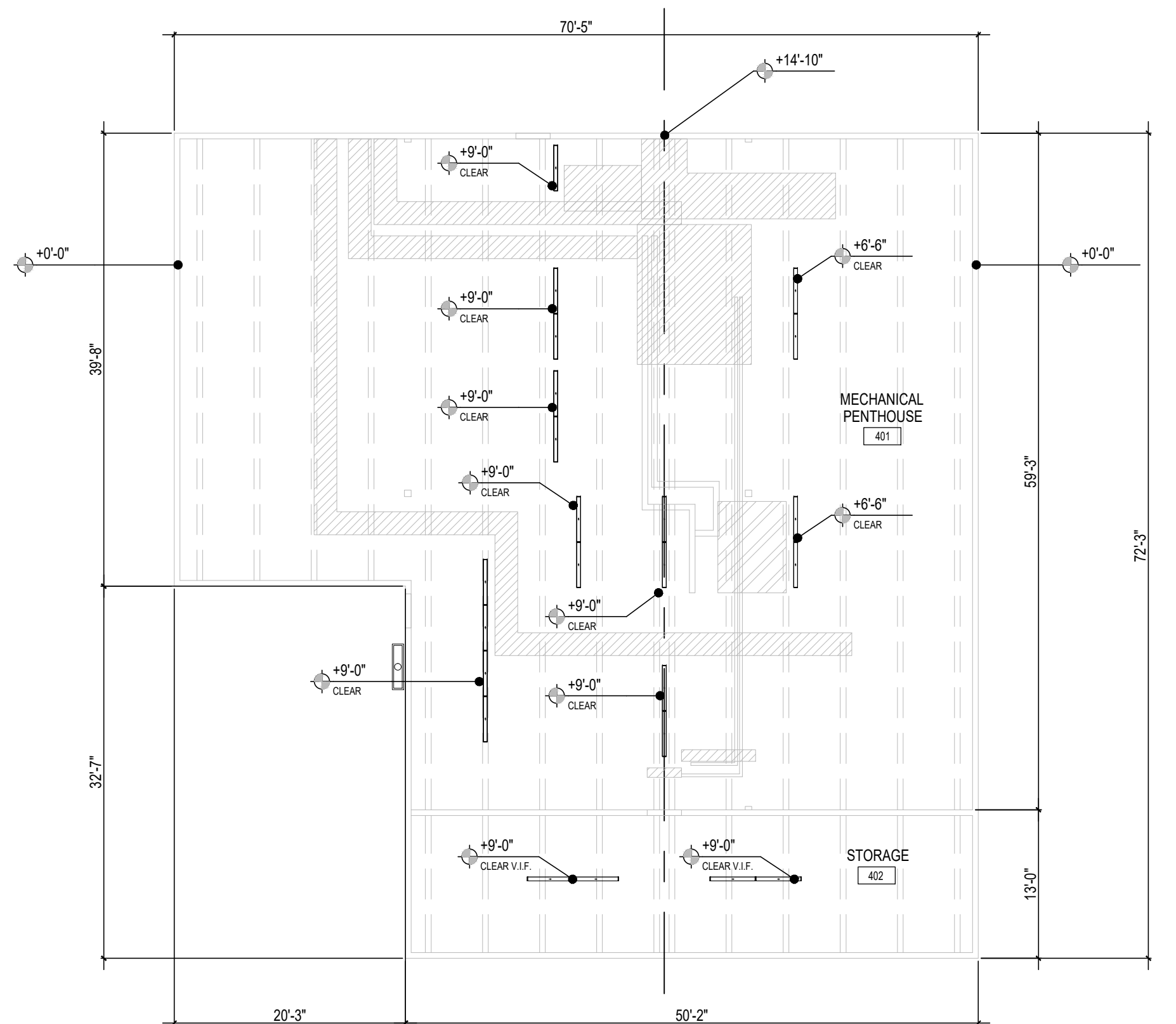
drawing title second floor reflected ceiling plan		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	prepared by EDM 45 SOUTH MAIN STREET, 2ND FLOOR UNIONVILLE, CT	date 07/01/2020
	mark	description	scale 3/32" = 1'-0"
	mark	description	drawn by ECO
project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT		approved by JRI	drawing no. A2.21
WETHERSFIELD, CT		project no. BI-MM-58	
GAD no. A221.dwg			

ceiling symbol legend

- 1HR — 1 HOUR FIRE RATED WALL
- ▲ 11'-6" A.F.F. CEILING HEIGHT ABOVE FINISHED FLOOR
- ▭ LAY-IN ACOUSTICAL CEILING TILE
- ▨ GYPSUM WALL BOARD CEILING
- ▩ EXISTING MECHANICAL EQUIPMENT BELOW CEILING
- ▧ EXISTING PIPING BELOW CEILING
- ⊠ EXISTING MECHANICAL VENT
- ⊙ EXISTING SECURITY CAMERA
- ⊕ EXISTING CEILING FAN
- ⊗ EXISTING EXIT SIGN
- ⊞ EXISTING RECESSED SPEAKERS
- ⊟ EXISTING MOUNTED WIFI
- ⊠ EXISTING FIRE ALARM / FIRE PROTECTION
- ⊞ EXISTING CEILING MOUNTED FLAT PANEL MONITOR
- ⊟ EXISTING CEILING MOUNTED BOX FAN WITH PIPES
- ⊠ EXISTING CEILING MOUNTED BOX FAN
- ⊞ EXISTING CEILING MOUNTED EMERGENCY LIGHTING
- ⊟ EXISTING CEILING MOUNTED PROJECTOR
- ⊠ EXISTING 2 X 2 RECESSED LED LIGHT FIXTURE TO REMAIN
- ⊞ EXISTING 2 X 4 RECESSED LED LIGHT FIXTURE TO REMAIN
- ⊟ 1 X 4 RECESSED LED LIGHT FIXTURE
- ⊠ 2 X 2 RECESSED LED LIGHT FIXTURE
- ⊞ 4" WRAPAROUND LED LIGHT FIXTURE
- ⊟ 2 X 4 RECESSED LED LIGHT FIXTURE
- ⊠ 2 X 4 SURFACE MOUNTED LED LIGHT FIXTURE
- ⊞ 1 X 2 HIGH BAY LED LIGHT FIXTURE
- ⊟ 1 X 4 SURFACE MOUNTED LED LIGHT FIXTURE
- ⊠ 1 X 4 WALL MOUNTED LED LIGHT FIXTURE
- 6" RECESSED ROUND LED DOWNLIGHT
- ⊕ LED FLOODLIGHT

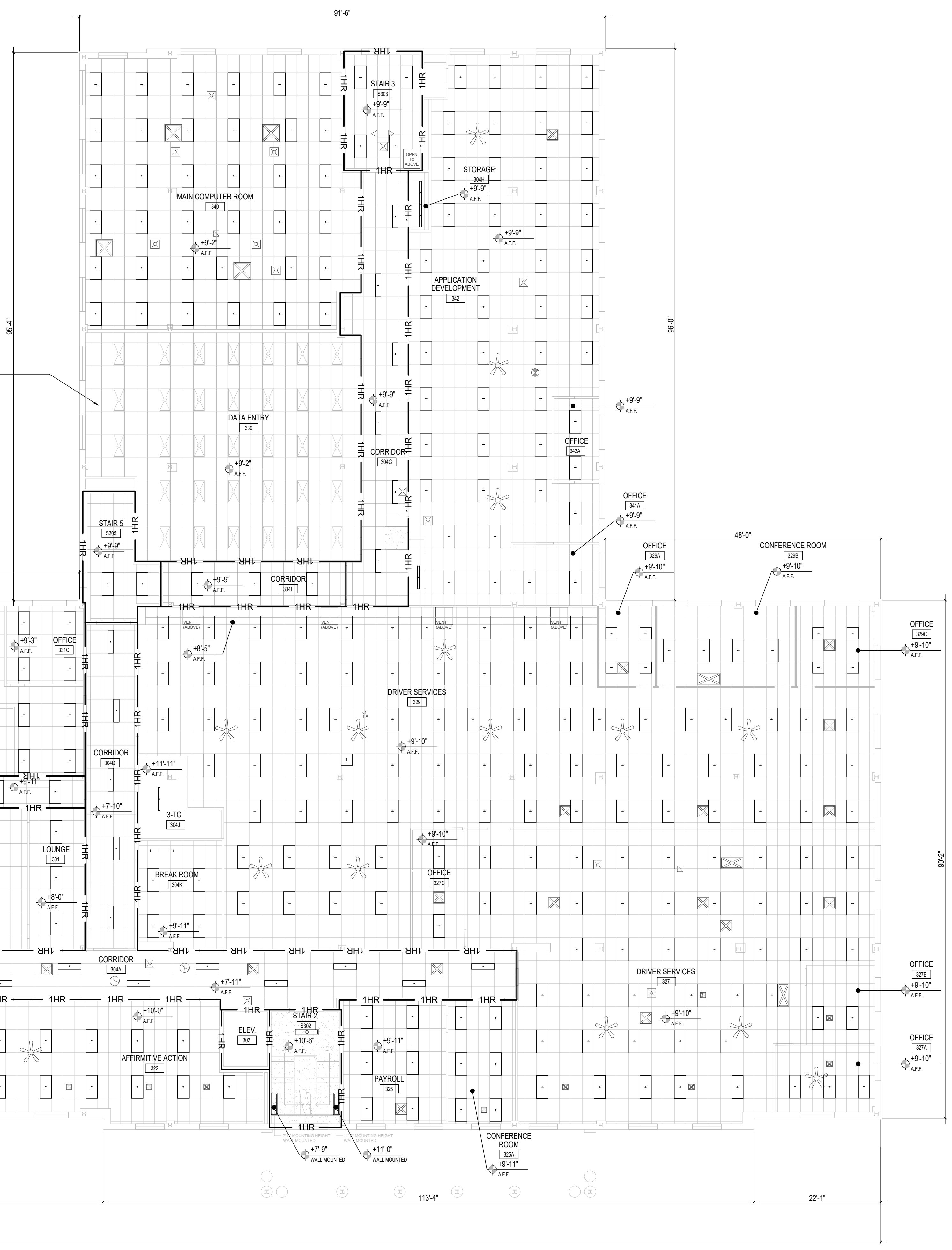
reflected ceiling plan notes

1. LOCATE INDICATED LIGHT FIXTURES AND EQUIPMENT AT CENTER OF ACOUSTIC PANEL OR SOFFIT UNLESS OTHERWISE NOTED.
2. REFER TO ELECTRICAL LIGHTING PLAN FOR FIXTURE TYPES.
3. PAINT ALL CEILING GRID PREVIOUSLY CONCEALED BY SURFACE MOUNTED FIXTURES.
4. SALVAGE AND STORE ALL REMOVED CEILING TILES FOR FUTURE USE. IF NOT REUSED, DISPOSE OF PROPERLY.
5. CEILING HEIGHTS EXISTING TO REMAIN.
6. COORDINATE WITH ELECTRICAL PLANS FOR CEILING TILE REMOVAL AND REINSTALLATION.
7. FOR AREAS OF HARD SURFACE CEILING, SUBJECT TO FIXTURE REMOVAL OR REPLACEMENT, PAINT ENTIRE CEILING AREA (TYPICAL).
8. EXISTING CEILING TO REMAIN UNLESS NOTED.
9. AT SURFACE-MOUNTED 1X4 AND 2X4 FIXTURES THAT ARE BEING REMOVED, REPLACE TWO (2) ADJACENT CEILING TILES AT 1X4 FIXTURES AND FOUR (4) ADJACENT CEILING TILES AT 2X4 FIXTURES WITH UNDAMAGED SALVAGED CEILING TILES IN ALL CORRIDOR LOCATIONS (TYP).
10. EXISTING CEILING FANS AND CEILING-MOUNTED MECHANICAL EQUIPMENT REMAIN UNLESS OTHERWISE NOTED.
11. PATCH GYPSUM BOARD CEILING TO MATCH ADJACENT FINISH AND PAINT ENTIRE CEILING.
12. TESTING OF EMERGENCY LIGHTING SHALL BE WITNESSED BY OFFICE OF THE STATE FIRE MARSHAL (OSFM) PERSONNEL WHEN EACH PHASE IS COMPLETED.



total area: 4,286sf
 2 mechanical penthouse rcp
 3/32" = 1'-0"

NOTE: EXISTING 2x4 RECESSED LED FIXTURES TO REMAIN



total area: 37,991sf
 1 third floor rcp
 3/32" = 1'-0"

drawing title third floor and mechanical penthouse reflected ceiling plan		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	mark	REVISIONS date description	drawing prepared by EDM 45 SOUTH MAIN STREET, 2ND FLOOR LIMONVILLE, CT
			date 07/01/2020
			scale 3/32" = 1'-0"
			project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT
			drawn by ECO
			approved by JRI
			drawing no. A2.31
GAD no. A231.dwg		project no. BI-MM-58	

ELECTRICAL GENERAL NOTES

- UNLESS OTHERWISE INDICATED, FURNISH AND INSTALL A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM INCLUDING ALL NECESSARY MATERIAL, LABOR, AND EQUIPMENT.
- ELECTRICAL PLANS AND DETAILS, AND ONE LINE DIAGRAMS SHOW THE GENERAL LOCATION AND ARRANGEMENT OF THE ELECTRICAL SYSTEM. THEY ARE DIAGRAMMATIC AND DO NOT SHOW ALL CONDUIT BODIES, CONNECTORS, BENDS, FITTINGS, HANGERS, AND ADDITIONAL PULL AND JUNCTION BOXES WHICH THE CONTRACTOR MUST PROVIDE TO COMPLETE THE ELECTRICAL SYSTEM.
- ALL EQUIPMENT AND MATERIAL SHALL BE LABELED AND LISTED, AND INSTALLED IN ACCORDANCE WITH THEIR LISTING.
- THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND ARRANGE FOR ALL REQUIRED INSPECTIONS IN ACCORDANCE WITH STATE GOVERNING AUTHORITIES.
- ALL WORK SHALL BE DONE WITH LICENSED WORKERS IN ACCORDANCE WITH STATE GOVERNING AUTHORITY.
- THE DEFINITION OF ELECTRICAL TERMS USED SHALL BE AS DEFINED IN THE 2018 CONNECTICUT STATE BUILDING CODE (WITH REFERENCES TO 2017 NEC).
- THE TERM "INDICATED" SHALL MEAN "AS SHOWN ON CONTRACT DOCUMENTS (SPECIFICATIONS, DRAWINGS, AND RELATED ATTACHMENTS)".
- THE TERM "SIZE" SHALL MEAN ONE OR MORE OF THE FOLLOWING: "LENGTH, CURRENT AND VOLTAGE RATING, NUMBER OF POLES, NEMA SIZE, AND OTHER SIMILAR ELECTRICAL CHARACTERISTICS".
- THE TERM "SPACE" ON PANELBOARD AND SWITCHBOARD SCHEDULES SHALL MEAN "PROVIDE SPACE TO INSTALL THE NUMBER OF POLES AND SIZE OF THE PROTECTIVE DEVICE INDICATED WITH ALL THE NECESSARY BUS AND FITTINGS TO INSTALL THE DEVICE AT SOME FUTURE DATE".
- COORDINATE ELECTRICAL WORK WITH OWNER.
- COORDINATE ELECTRICAL WORK WITH OTHER DIVISIONS OF THIS PROJECT.
- BEFORE SELECTING MATERIAL AND EQUIPMENT, AND PROCEEDING WITH WORK, INSPECT AREAS WHERE MATERIAL AND EQUIPMENT ARE TO BE INSTALLED TO INSURE SUITABILITY, AND CHECK NEEDED SPACE FOR REPLACEMENT, CLEARANCES AND INTERCONNECTIONS.
- BEFORE CUTTING OR DRILLING INTO BUILDING ELEMENTS INSPECT AND LAYOUT WORK TO AVOID DAMAGING STRUCTURAL ELEMENTS AND BUILDING UTILITIES.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2018 CONNECTICUT STATE BUILDING CODE (WITH REFERENCES TO THE 2017 NEC).
- TYPICAL MOUNTING HEIGHTS OF DEVICES SHALL COMPLY NECA 1.
- ALL WIRING AND CABLING BEING RUN IN PLENUM SHALL BE PLENUM RATED.
- ELECTRICAL CONTRACTOR SHALL SEAL ALL ELECTRICAL PENETRATIONS THROUGH FIRE AND SMOKE RATED PARTITIONS WITH FIRE RATED MATERIAL (REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION). MATERIAL SELECTION SHALL BE BASED ON RATING OF PARTITION PENETRATED. REFER TO SPEC SECTION 076143 FOR REQUIREMENTS. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATED WALL/PARTITION LOCATIONS.
- ALL ELECTRICAL DEVICES ALONG A COMMON WALL SHALL BE INSTALLED IN SEPARATE STUD CAVITIES. NO BACK TO BACK INSTALLATIONS, FOR SOUND ATTENUATION PURPOSES AND/OR FIRE RATING PURPOSES. IF WITHIN SAME CAVITY OR WITHIN 24" FURNISH AND INSTALL FIRE RATED PUTTY PACK ON RECEPTACLES.
- PROVIDE CEILING COORDINATION DRAWINGS PRIOR TO INSTALLATION.

ELECTRICAL DEMOLITION NOTES

- DEMOLITION WORK SHOWN IS DIAGRAMMATIC, AND DOES NOT DEPICT ENTIRE SCOPE OF WORK. ADDITIONAL WORK RELATED TO DEMOLITION MODIFICATIONS SHOULD BE EXPECTED. THE CONTRACTOR SHALL PROVIDE LABOR AND EQUIPMENT TO COMPLETELY REMOVE AND DISPOSE OF ALL EQUIPMENT REQUIRED AND IN SEQUENCE WITH PROJECT PHASING PLANS. REFER TO SPEC SECTION 011100 AND PHASING DRAWINGS FOR PHASING / SEQUENCE.
- PRIOR TO BID, CONTRACTOR TO INSPECT SITE AND IDENTIFY ANY EXISTING CONDITIONS THAT WILL AFFECT THE WORK TO BE PERFORMED. IF ANY LATENT HAZARDOUS MATERIALS ARE NOTICES OR SUSPECTED, CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY AND WAIT FOR FURTHER INSTRUCTIONS BEFORE STARTING OR RESTARTING ANY WORK IN PROJECT AREA. THE OWNER IS RESPONSIBLE FOR THE REMOVAL OR ABATEMENT OF ANY/ALL ASBESTOS-LADEN MATERIALS PRIOR TO THE CONTRACTOR COMMENCING WORK.
- ALL SALVAGEABLE EQUIPMENT, FIXTURES, DEVICES, ETC. NOT BEING RE-USED SHALL BE TURNED OVER TO BUILDING OWNER FOR STORAGE IF REQUESTED. IF NOT, DISPOSE OF THESE ITEMS.
- WHERE THE REMOVAL OF ANY DEVICE, FIXTURE, AND/OR EQUIPMENT INTERRUPTS THE CONTINUITY OF AN EXISTING (TO REMAIN) CIRCUIT, PROVIDE ALL CONNECTIONS AND CIRCUITRY NECESSARY TO MAINTAIN EXISTING CIRCUIT CONTINUITY.
- WHERE BOXES REMAIN AFTER REMOVAL OF FIXTURES AND ELECTRICAL DEVICES FROM EXISTING (TO REMAIN) CONSTRUCTION, PROVIDE BLANK COVER FOR EACH BOX (COLOR SELECTED BY ARCHITECT).
- EXACT LOCATION OF ALL EXISTING (TO REMAIN OR TO BE RELOCATED) MATERIAL SHALL BE ESTABLISHED AND VERIFIED IN FIELD.
- REMOVAL OF ANY ELECTRICAL MATERIAL SHALL INCLUDE THE REMOVAL OF ALL CONTROL, CONDUCTORS, AND CONDUIT (WHERE PRACTICAL) ASSOCIATED WITH MATERIAL, UNLESS OTHERWISE NOTED.
- REMOVE AND DISPOSE OF ALL PCB CONTAMINATED BALLASTS PER LOCAL, STATE, AND FEDERAL REGULATIONS.
- IN ALL AREAS WHERE EXISTING (TO REMAIN) CONDUIT BECOMES EXPOSED DUE TO DEMOLITION OR NEW WORK, CONTRACTOR TO SECURE CONDUIT TO BUILDING STRUCTURE (INDEPENDENT OF OTHER UTILITIES) IN ACCORDANCE WITH ALL CODES.
- IN ALL AREAS WHERE CEILING WORK EXPOSES OPEN JUNCTION BOXES OR EXPOSED WIRING CONNECTIONS, CONTRACTOR TO PROVIDE JUNCTION BOX(ES) WITH COVER(S) TO ENCLOSE AND CONCEAL ALL ELECTRICAL CONNECTIONS.
- TRACE ALL EXISTING WIRING THAT SERVES LIGHTING WITHIN EACH SPACE TO DETERMINE EXACT EXISTING ARRANGEMENT OF POWER SOURCE AND SWITCHED WIRING. NOTIFY ENGINEER IF ANY ONE 120 VOLT CIRCUIT IS ANTICIPATED TO EXCEED 1,850 WATTS OF LOAD OR IF ANY 277 VOLT CIRCUIT IS ANTICIPATED TO EXCEED 3,750 WATTS OF LOAD AFTER INSTALLATION OF NEW LIGHTING.
- RECORD DATA FOR EXISTING LIGHT FIXTURES AND CONTROLS AS NOTED IN THE "UTILITY COMPANY REBATES / INCENTIVES" REQUIREMENTS ON THIS DRAWING.

GENERAL NOTES - LIGHTING

- ALL NEW WIRING SHALL BE SIZED #12, #12G, 34°C UNLESS OTHERWISE NOTED. SEE NOTE #2 FOR WIRE SIZING INCREASES THAT ARE REQUIRED DUE TO LENGTH OF RUN.
- ALL 120VAC BRANCH CIRCUITS EXCEEDING 75' IN LENGTH AND 277VAC BRANCH CIRCUITS EXCEEDING 175' IN LENGTH SHALL BE INCREASED TO #10G, #10G, 34°C UNLESS OTHERWISE NOTED. ALL 120VAC BRANCH CIRCUITS EXCEEDING 120' IN LENGTH SHALL BE INCREASED TO #8G, #8G, 34°C UNLESS OTHERWISE NOTED. ALL 120VAC BRANCH CIRCUITS EXCEEDING 200' IN LENGTH SHALL BE INCREASED TO #6G, #6G, 1°C UNLESS OTHERWISE NOTED.
- BATTERY PACK CHARGING CIRCUITS SHALL BE WIRED TO LINE SIDE OF LOCAL LIGHTING CIRCUIT, AHEAD OF ALL SWITCHED DEVICES.
- ALL DEVICES SHALL BE LABELED WITH SOURCE PANEL AND CIRCUIT NUMBER(S).
- REFER TO DRAWING E0.02 FOR LIGHTING FIXTURE SCHEDULE.
- ALL MOTION SENSOR LOCATIONS ARE APPROXIMATE - REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION. LOCATION AND COVERAGE OF SENSORS SHOULD BE REVIEWED WHERE PENDANT MOUNTED OR CHAIN HUNG FIXTURES ARE PRESENT.
- CONTRACTOR IS RESPONSIBLE FOR PROPER SENSITIVITY AND TIME DELAY SETTINGS OF MOTION SENSORS. VERIFICATION OF MANUFACTURER'S RECOMMENDED PLACEMENT AND FIELD VERIFICATION OF CIRCUITS WITH RESPECT TO POWER PACK PLACEMENT.
- CONTRACTOR IS RESPONSIBLE FOR FINAL COORDINATION OF REQUIRED NUMBER OF POWER PACKS.
 - A MINIMUM OF ONE POWER PACK IS REQUIRED FOR EACH SWITCHED CIRCUIT THAT IS TO BE CONTROLLED, UNLESS CONTRACTOR FIELD VERIFIES THAT LINE VOLTAGE SOURCE CIRCUITS CAN BE SHARED AMONGST MULTIPLE SWITCHED CIRCUITS.
 - MAXIMUM NUMBER OF MOTION SENSORS THAT CAN BE WIRED IN PARALLEL TO A SINGLE POWER PACK IS DEPENDENT ON POWER PACK OR ROOM CONTROLLER LIMITS. SEE INDIVIDUAL DATA SHEETS FOR POWER CONSUMPTION DATA. PROVIDE POWER SUPPLIES & ASSOCIATED WIRING AS REQUIRED TO ACCOMMODATE QUANTITY OF MOTION SENSORS SHOWN IN EACH SPACE.
- WIRING SHALL BE CONCEALED IN SHEETROCK WALLS, ABOVE CEILINGS AND WITHIN BLOCK WALLS WHERE POSSIBLE. PROVIDE SURFACE METAL RACEWAY (PAINTED TO MATCH MOUNTING SURFACE) FOR ALL DEVICES IN FINISHED AREAS WHERE WIRING MUST BE EXPOSED. PROVIDE WIRING IN CONDUIT (EMT OR RGS AS PER SPECIFICATIONS) IN UNFINISHED AREAS WHERE WIRING MUST BE EXPOSED. VISIT SITE PRIOR TO BID TO DETERMINE EXTENT OF SURFACE METAL RACEWAY AND CONDUIT REQUIRED. IT SHOULD BE NOTED THAT EXPOSED CMU BLOCK WALLS ARE PRESENT THROUGHOUT THE BUILDING, INCLUDING BUT NOT LIMITED TO INTERIOR FACES OF EXTERIOR WALLS, BOTH SIDES OF CORRIDOR WALLS AND MANY OTHER INTERIOR PARTITION WALLS THROUGHOUT THE BUILDING.
- REFER TO DETAILS ON DRAWING E0.03 FOR CONTROL SYSTEM SCHEMATIC WIRING DIAGRAMS, DEFAULT LIGHT LEVELS AND OTHER REQUIREMENTS.
- PROVIDE 0-10V DIMMING CONTROL WIRES TO ALL LIGHT FIXTURES WITH 0-10V DIMMING AND PROVIDE CHARGING CIRCUIT WIRING FOR LIGHT FIXTURES WITH INTEGRAL OR REMOTE BATTERY PACKS.
- PROVIDE ADEQUATE LIGHTING UPON TEMPORARY COMPLETION OF WORK IN ALL AREAS FOR CONTINUED BUILDING OPERATIONS.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	SURFACE MOUNTED PANELBOARD
	BRANCH CIRCUIT POWER WIRING
	SWITCHED WIRING
	BRANCH CIRCUIT HOME RUN (ARROW INDICATES PANEL AND CIRCUIT NUMBER)
	JUNCTION BOX
	LIGHT SWITCH OR DIGITAL KEYPAD - SEE DETAILS ON DRAWING E0.03 3 = THREE-WAY 4 = FOUR-WAY O = MOTION SENSOR SWITCH (SET TO OCCUPANCY MODE) V = MOTION SENSOR SWITCH (SET TO VACANCY MODE) OD = DIMMABLE MOTION SENSOR SWITCH (SET TO VACANCY MODE U.O.N.) K = KEYPAD SWITCH D = SINGLE ZONE LOW VOLTAGE DIGITAL KEYPAD (WITH DIMMING) LV = MULTI-ZONE LOW VOLTAGE KEYPAD
	CEILING MOUNTED MOTION SENSOR - SEE DETAILS ON DRAWING E0.03 (BLANK) = OCCUPANCY SENSOR, AUTO-ON TO 50% U.O.N., AUTO-OFF V = VACANCY SENSOR, MANUAL-ON (DEFAULT 75% U.O.N.), AUTO-OFF HB = HIGH-BAY SENSOR, AUTO-ON TO 50% U.O.N., AUTO-OFF XX% = LIGHTING SHALL AUTOMATICALLY TURN ON TO PERCENTAGE OF MAX OUTPUT INDICATED
	RECESSED LIGHT FIXTURE IN SUSPENDED CEILING SYSTEM. SEE 1/E0.04 'a', 'b', 'c', ETC INDICATES ZONE ID
	RECESSED LIGHT FIXTURE IN SUSPENDED CEILING SYSTEM WITH INTEGRAL BATTERY BACKUP. SEE 1/E0.04 'a', 'b', 'c', ETC INDICATES ZONE ID
	SURFACE OR PENDANT MOUNTED FIXTURE - PROVIDE SUSPENSION CABLES OR CHAINS WHERE REQUIRED, SEE 1 & 2/E0.04 'a', 'b', 'c', ETC INDICATES ZONE ID
	SURFACE MOUNTED FIXTURE WITH INTEGRAL BATTERY BACKUP - PROVIDE SUSPENSION CABLES OR CHAINS WHERE REQUIRED, SEE 1 & 2/E0.04 'a', 'b', 'c', ETC INDICATES ZONE ID
	PHOTOSENSOR FOR DAYLIGHT HARVESTING. SEE DETAILS ON DRAWING E0.03
	WALL MOUNTED LIGHT
	POLE MOUNTED SITE LIGHT. SEE POLE FOUNDATION DETAIL 4/E0.04
	EXTERIOR WALLPACK OR SCONCE

ABBREVIATIONS

ABBREVIATIONS	DESCRIPTION
A	AMPERES
AC	ALTERNATING CURRENT (60 HZ)
A/C	AIR CONDITIONING
ADA	AMERICANS WITH DISABILITIES ACT
AFCI	ARC-FAULT CIRCUIT INTERRUPTER
AFV	ABOVE FINISHED FLOOR
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
BF	BALLAST FACTOR
BR	BRANCH
C	CONDUIT
CB	CIRCUIT BREAKER
CIR	CIRCUIT
CT	CURRENT TRANSFORMER
CU	COPPER
D	DISHWASHER
DISC	DISCONNECT
DW	DISHWASHER
DWG	DRAWING
DWU	DISTILLED WATER UNIT
E	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EQUIP	EQUIPMENT
EX/ETR	EXISTING EQUIPMENT TO REMAIN
FDR	FEDER
FL	FLOOR
FT	FEET
GF/CI/GFI	GROUND-FAULT CIRCUIT-INTERRUPTER
GFP	GROUND-FAULT CIRCUIT EQUIPMENT BREAKER
GRD	GROUND
H	HEAT DETECTOR
HD	HAND-HOLE
HP	HORSEPOWER
IG	INSULATED GROUND
IM	ICE MAKER
IMP	IMPEDANCE
IN	INCHES
J	JUNCTION
KA	KILO-AMPERE
Komils	THOUSAND CIRCUIT MILLS
KV	KILOVOLT
KW	KILO-VOLT-AMPERE
In	KILOWATT
LTG	LIGHTING PANELBOARD
LTG	LIGHTING
M	METER
MC	MOTOR CONTROLLER
MCB	MAIN CIRCUIT BREAKER
MCC/MCB	MOLDED CASE CIRCUIT BREAKER
MCS	MOTOR-CIRCUIT SWITCH
MDP	MAIN DISTRIBUTION PANELBOARD
MH	MANHOLE
MLO	MAIN LUG ONLY
MM	MICROWAVE OVEN
N/A	NOT APPLICABLE
NEC	NATIONAL ELECTRIC CODE
NECA	NATIONAL ELECTRICAL CONTRACTORS ASSOC.
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
NEUT	NEUTRAL
NF	NONFUSED
NIC	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
OC	OVERCURRENT
P	POLE
PA	PUBLIC ADDRESS
PB	PULL BOX
PC	PHOTO CELL
PH	PHASE
PNL	PANELBOARD
PRI	PRIMARY
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
PWR	POWER
R	REMAIN
RECP/T	RECEPTACLE
RGS	RIGID GALVANIZED STEEL CONDUIT
RM	ROOM
RL	RELOCATE EXISTING ITEM
RNC	RIGID NONMETALLIC CONDUIT
REF	REFRIGERATOR
RSC	RIGID STEEL CONDUIT
RT	RAINTIGHT
S	SMOKE DETECTOR
SC	SERVICE CONDUCTORS
SCHD	SCHEDULE
SCR	SHORT-CIRCUIT RATING
SD	SERVICE DROP
SE	SERVICE EQUIPMENT
SEC	SECONDARY
ST	STUNT TRIP
SURF	SURFACE
SV	SOLENOID VALVE
SW	SWITCH
SYM	SYMMETRICAL
SYMB	SYMBOL
TC	TIME CONTROLLER
TYP	TYPICAL
TEL	TELEPHONE
TV	TELEVISION
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORY
U.O.N.	UNLESS OTHERWISE NOTED
UTIL	UTILITY
UVR	UNDER VOLTAGE RELEASE
V	VOLTS
VA	VOLT-AMPERES
W	WATTS
WG	WIRE GUARD
WP	WEATHERPROOF
WT	WEIGHT IN POUNDS
WT	WATER TIGHT
X	REMOVE
X	TRANSFORMER
%	PERCENT
#	NUMBER
'	FEET
"	INCHES

SCOPE ALLOWANCES TO BE PROVIDED

PROVIDE THE FOLLOWING ITEMS, INCLUDING ALL PARTS AND LABOR AS REQUIRED, AS A PART OF THE BID.

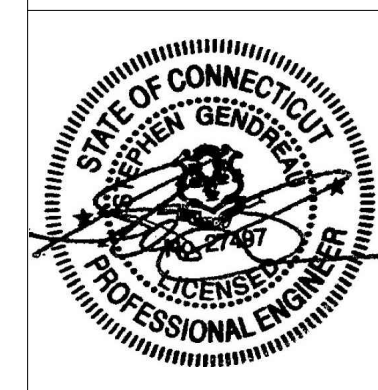
- TEN (10) NEW 20 AMP CIRCUITS TO THE NEAREST SOURCE PANEL (UP TO 100'-0" LENGTH OF RUN), INCLUDING WIRING, RACEWAYS & NEW 20A-1P CIRCUIT BREAKERS. LOCATIONS OF CIRCUITS ARE TO BE DETERMINED DURING CONSTRUCTION, IF ANY EXISTING CIRCUITS ARE FOUND TO BE INADEQUATE FOR NEW LIGHTING.
- REMOVE UP TO 500'-0" LENGTH OF RUN OF NM CABLE (A.K.A. ROMEX) & REPLACE WITH MC CABLE WHERE ENCOUNTERED, IN ADDITION TO THE ROOMS NOTED ON THE FLOOR PLAN DRAWINGS. SPECIFIC ROOMS WHERE NM CABLE IS KNOWN TO EXIST ARE NOTED ON THE NEW WORK PLANS. WHEN NM CABLE IS ENCOUNTERED IN ANY OTHER SPACES, NOTIFY ARCHITECT PRIOR TO PROCEEDING, AND PROVIDE INFORMATION REGARDING THE APPROXIMATE LENGTH OF RUN OF WIRING TO BE REPLACED.
- TEN (10) NEW STANDALONE DUAL HEAD LED BATTERY PACK FIXTURES AND 20 AMP WIRING TO THE NEAREST LIGHTING CIRCUIT. LOCATIONS OF STANDALONE BATTERY PACK FIXTURES ARE TO BE DETERMINED DURING CONSTRUCTION, IN LOCATIONS TO BE DETERMINED BY THE AUTHORITY HAVING JURISDICTION.

UTILITY COMPANY REBATES / INCENTIVES

- THIS PROJECT QUALIFIES FOR THE CURRENT REBATE / INCENTIVE PROGRAM OFFERED BY EVERSOURCE.
- PROVIDE DETAILED COST BREAKDOWNS & QUANTITIES OF LIGHT FIXTURES, LIGHTING CONTROLS AND ALL OTHER ITEMS REQUESTED BY EVERSOURCE, AS REQUIRED FOR OWNER TO OBTAIN REBATES / INCENTIVES.
- UPDATE & COMPLETE REBATE / INCENTIVE PAPERWORK AS REQUIRED BY EVERSOURCE. EDM HAS COMPLETED A DRAFT OF THE REBATE PAPERWORK, WHICH WILL BE PROVIDED TO THE CONTRACTOR UPON REQUEST. PERFORM THE FOLLOWING UPDATES TO THE REBATE / INCENTIVE PAPERWORK:
 - UPDATE QUANTITY AND WATTAGE OF EXISTING LIGHT FIXTURES (INCLUDING LAMPING) FOR EACH ROOM AND FOR ALL EXTERIOR LIGHTING (PRIOR TO DEMOLITION).
 - UPDATE QUANTITY, MAKE/MODEL, WATTAGE, DLC ID# AND LIGHTING CONTROLS INFO FOR THE NEW LIGHT FIXTURES AND LIGHTING CONTROLS EACH ROOM AND FOR ALL EXTERIOR AREAS.
- AN EVERSOURCE REPRESENTATIVE WILL NEED TO COMPLETE A PRE- AND POST- CONSTRUCTION INSPECTION OF ALL AREAS. ASSIST THE EVERSOURCE REPRESENTATIVE DURING THESE INSPECTIONS AS REQUIRED.
- ALL REBATES / INCENTIVES ARE TO BE PROVIDED TO THE OWNER. CONTRACTOR IS NOT ENTITLED TO ANY MONEYS RECEIVED FROM EVERSOURCE.
- CONTRACTOR SHALL TAKE NOTE OF SPECIAL REQUIREMENTS WITHIN CONTRACT DOCUMENTS THAT ARE NECESSARY TO RECEIVE REBATES / INCENTIVES, INCLUDING DLC LISTING OF LIGHT FIXTURES, MOTION SENSOR LIGHT LEVEL SETPOINTS, FIXTURE WATTAGES, ETC. ANY REDUCTIONS IN REBATE / INCENTIVE AMOUNTS THAT RESULT FROM THE CONTRACTOR'S PRODUCT SUBSTITUTIONS OR NON-COMPLIANCE WITH THE CONTRACT DOCUMENTS SHALL BE RETURNED TO THE OWNER IN THE FORM OF A REDUCTION IN THE CONTRACT AMOUNT (CREDIT).

drawing title
electrical symbols, notes &
abbreviations

professional seal



REVISIONS

mark	date	description

drawing prepared by

EDM
48 SOUTH MAIN STREET, 2ND FLOOR
UNIONVILLE, CT

date

07/01/2020
scale
N.T.S.

project

60 STATE STREET
WETHERSFIELD DMV LIGHTING FIXTURE
& CONTROLS RETROFIT

drawing no.

WETHERSFIELD, CT

CAD no. E001.dwg

project no. BI-MM-58

E0.01

INTERIOR LIGHTING FIXTURE SCHEDULE

TYPE	BASIS OF DESIGN	ALTERNATIVE #1	ALTERNATIVE #2	DESCRIPTION	VOLTAGE	BASIS OF DESIGN LAMPING	REMARKS
A	DAYRITE 1FXP30L835-4-DS-UNV-DIM	COLUMBIA CFP14-4035 (TUNE LUMEN OUTPUT)	LITHONIA EPANL-1X4-3000LM-80CRI-35K-MIN1-ZT- MVOLT	1' X 4' RECESSED MOUNTED LED FIXTURE, 3000 LUMENS, DLC LISTED, 0-10V DIMMABLE, DIFFUSE SMOOTH DIFFUSER, LESS THAN 2" DEPTH	UNIVERSAL INPUT (120V-277V)	27W LED	1,2,3
AE	DAYRITE 1FXP30L835-4-DS-UNV-DIM-EMLED	COLUMBIA CFP14-4035-PLD10M (TUNE LUMEN OUTPUT)	LITHONIA EPANL-1X4-3000LM-80CRI-35K-MIN1-ZT- MVOLT-E10WCP	SAME AS TYPE 'A', BUT WITH 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	27W LED	1,2,3
A1	DAYRITE 1FXP38L835-4-DS-UNV-DIM	COLUMBIA CFP14-4035 (TUNE LUMEN OUTPUT)	LITHONIA EPANL-1X4-4000LM-80CRI-35K-MIN1-ZT- MVOLT	SAME AS TYPE 'A', BUT WITH 3800 LUMENS	UNIVERSAL INPUT (120V-277V)	33W LED	1,2,3
A1E	DAYRITE 1FXP38L835-4-DS-UNV-DIM-EMLED	COLUMBIA CFP14-4035-PLD10M (TUNE LUMEN OUTPUT)	LITHONIA EPANL-1X4-4000LM-80CRI-35K-MIN1-ZT- MVOLT-E10WCP	SAME AS TYPE 'A', BUT WITH 3800 LUMENS AND 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	33W LED	1,2,3
B	DAYRITE 2FXP30L835-2-DS-DIM	COLUMBIA CFP22-3335 (TUNE LUMEN OUTPUT)	LITHONIA EPANL-2X2-3400LM-80CRI-35K-MIN1-ZT- MVOLT	2' X 2' RECESSED LED FIXTURE, 3000 LUMENS, DLC LISTED, 0-10V DIMMABLE, DIFFUSE SMOOTH DIFFUSER	UNIVERSAL INPUT (120V-277V)	27W LED	1,2,3
BE	DAYRITE 2FXP30L835-2-DS-DIM-EMLED	COLUMBIA CFP22-3335-PLD10M (TUNE LUMEN OUTPUT)	LITHONIA EPANL-2X2-3400LM-80CRI-35K-MIN1-ZT- MVOLT-E10WCP	SAME AS TYPE 'B', BUT WITH 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	27W LED	1,2,3
B1	DAYRITE 2FXP38L835-2-DS-DIM	COLUMBIA CFP22-4035 (TUNE LUMEN OUTPUT)	LITHONIA EPANL-2X2-4000LM-80CRI-35K-MIN1-ZT- MVOLT	SAME AS TYPE 'B', BUT WITH 3800 LUMENS	UNIVERSAL INPUT (120V-277V)	36W LED	1,2,3
B1E	DAYRITE 2FXP38L835-2-DS-DIM-EMLED	COLUMBIA CFP22-4035-PLD10M (TUNE LUMEN OUTPUT)	LITHONIA EPANL-2X2-4000LM-80CRI-35K-MIN1-ZT- MVOLT-E10WCP	SAME AS TYPE 'B', BUT WITH 3800 LUMENS AND 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	36W LED	1,2,3
B2	DAYRITE 2FXP48L835-2-DS-DIM	COLUMBIA CFP22-4035 (TUNE LUMEN OUTPUT)	LITHONIA EPANL-2X2-4800LM-80CRI-35K-MIN1-ZT- MVOLT	SAME AS TYPE 'B', BUT WITH 4500 LUMENS	UNIVERSAL INPUT (120V-277V)	42W LED	1,2,3
B2E	DAYRITE 2FXP48L835-2-DS-DIM-EMLED	COLUMBIA CFP22-4035-PLD10M (TUNE LUMEN OUTPUT)	LITHONIA EPANL-2X2-4800LM-80CRI-35K-MIN1-ZT- MVOLT-E10WCP	SAME AS TYPE 'B', BUT WITH 4500 LUMENS AND 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	42W LED	1,2,3
C	DAYRITE FSW-440L835-UNV-DIM	COLUMBIA MPS4-35LV-CW-EDU	LITHONIA CLXL48-4000LM-SEF-RDL-MVOLT-EZ1-35K- 80CRI	4' LINEAR WRAPAROUND LED FIXTURE, 4000 LUMENS, DLC LISTED, 0-10V DIMMABLE	UNIVERSAL INPUT (120V-277V)	31W LED	1,2,3
CE	DAYRITE FSW-440L835-UNV-DIM-EMLED	COLUMBIA MPS4-35LV-CW-EDU-ELL14	LITHONIA CLXL48-4000LM-SEF-RDL-MVOLT-EZ1-35K- 80CRI-E10WCP	SAME AS TYPE 'C', BUT WITH 3800 LUMENS AND 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	31W LED	1,2,3
C1	DAYRITE FSW-430L835-UNV-DIM	COLUMBIA MPS4-35LV-CW-EDU	LITHONIA CLXL48-3000LM-SEF-RDL-MVOLT-EZ1-35K- 80CRI	SAME AS TYPE 'C', BUT WITH 3000 LUMENS	UNIVERSAL INPUT (120V-277V)	29W LED	1,2,3
C1E	DAYRITE FSW-430L835-UNV-DIM-EMLED	COLUMBIA MPS4-35LV-CW-EDU-ELL14	LITHONIA CLXL48-3000LM-SEF-RDL-MVOLT-EZ1-35K- 80CRI-E10WCP	SAME AS TYPE 'C', BUT WITH 3000 LUMENS AND 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	29W LED	1,2,3
D	DAYRITE 2FXP38L835-4-DS-UNV-DIM	COLUMBIA CFP24-4135 (TUNE LUMEN OUTPUT)	LITHONIA EPANL-2X4-4000LM-80CRI-35K-MIN1-ZT- MVOLT	2' X 4' RECESSED LED FIXTURE, 3800 LUMENS, DLC LISTED, 0-10V DIMMABLE, DIFFUSE SMOOTH DIFFUSER	UNIVERSAL INPUT (120V-277V)	33W LED	1,2,3
DE	DAYRITE 2FXP38L835-4-DS-UNV-DIM-EMLED	COLUMBIA CFP24-4135-PLD10M (TUNE LUMEN OUTPUT)	LITHONIA EPANL-2X4-4000LM-80CRI-35K-MIN1-ZT- MVOLT-E10WCP	SAME AS TYPE 'D', BUT WITH 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	33W LED	1,2,3
D1	DAYRITE 2FXP43L835-4-DS-UNV-DIM	COLUMBIA CFP24-4135 (TUNE LUMEN OUTPUT)	LITHONIA EPANL-2X4-4000LM-80CRI-35K-MIN1-ZT- MVOLT	SAME AS TYPE 'D', BUT WITH 4300 LUMENS	UNIVERSAL INPUT (120V-277V)	39W LED	1,2,3
D1E	DAYRITE 2FXP43L835-4-DS-UNV-DIM-EMLED	COLUMBIA CFP24-4135-PLD10M (TUNE LUMEN OUTPUT)	LITHONIA EPANL-2X4-4000LM-80CRI-35K-MIN1-ZT- MVOLT-E10WCP	SAME AS TYPE 'D', BUT WITH 4300 LUMENS AND 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	39W LED	1,2,3
D2	DAYRITE 2FXP48L835-4-DS-UNV-DIM	COLUMBIA CFP24-5535 (TUNE LUMEN OUTPUT)	LITHONIA EPANL-2X4-4800LM-80CRI-35K-MIN1-ZT- MVOLT	SAME AS TYPE 'D', BUT WITH 4800 LUMENS	UNIVERSAL INPUT (120V-277V)	47W LED	1,2,3
D2E	DAYRITE 2FXP48L835-4-DS-UNV-DIM-EMLED	COLUMBIA CFP24-5535-PLD10M (TUNE LUMEN OUTPUT)	LITHONIA EPANL-2X4-4800LM-80CRI-35K-MIN1-ZT- MVOLT-E10WCP	SAME AS TYPE 'D', BUT WITH 4800 LUMENS AND 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	47W LED	1,2,3
D3	DAYRITE 2FXP54L835-4-DS-UNV-DIM	COLUMBIA CFP24-5535 (TUNE LUMEN OUTPUT)	LITHONIA EPANL-2X4-5400LM-80CRI-35K-MIN1-ZT- MVOLT	SAME AS TYPE 'D', BUT WITH 5400 LUMENS	UNIVERSAL INPUT (120V-277V)	51W LED	1,2,3
F	DAYRITE FBY24L840-UNV-LFA-CORD	COLUMBIA CHB2-40MH-FA-EDU-CABLE	INDUSTRIAL LIGHTING PRODUCTS EDV-24L-U-40-FRL-CORDX	1' X 2' HIGHBAY LED FIXTURE, 24,000 LUMENS, DLC LISTED, FROSTED ACRYLIC LENS, SUSPENSION MOUNTING HARDWARE, CORD, 0-10V DIMMABLE	UNIVERSAL INPUT (120V-277V)	177W LED	1,2,3
FE	DAYRITE FBY24L840-UNV-LFA-CORD-BSL10LST	COLUMBIA CHB2-40MH-FA-EDU-ELL14-CABLE	INDUSTRIAL LIGHTING PRODUCTS EDV-24L-U-40-FRL-CORDX-FVILBPC10	SAME AS TYPE 'F', BUT WITH 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	177W LED	1,2,3
G	LIGHTOLIER 6RN-P6RDL1083CC210U	PRESCOLITE LC6L-6LCSL10L3K8	LITHONIA LDN6-3510-L06AR-TRW-LSS-MVOLT-EZ1	6" RECESSED ROUND LED DOWNLIGHT, 1000 LUMENS, ENERGY STAR LISTED, 0-10V DIMMABLE, CLEAR REFLECTOR, MATTE WHITE FLANGE	UNIVERSAL INPUT (120V-277V)	10W LED	1,2,3
H	PHILIPS STONCO FL80NW10FLB2	HUBBELL FL80-4KY (TUNE LUMEN OUTPUT)	INDUSTRIAL LIGHTING PRODUCTS CFM-85W-U-40K-BRZ	LED FLOODLIGHT, 8,550 LUMENS, 4000°K, DLC LISTED, MOUNTING HARDWARE AS REQUIRED	UNIVERSAL INPUT (120V-277V)	79W LED	1,2,3
J	H.E. WILLIAMS LP-14-L40835-LP14SMK-DIM-UNV	COLUMBIA CFP14-4035-CFPSMK-14	LITHONIA EPANL-1X4-4000LM-80CRI-35K-MIN1-ZT- MVOLT-1X4 SMKSH	1' X 4' SURFACE (CEILING) MOUNTED LED FIXTURE, 4000 LUMENS, DLC LISTED, 0-10V DIMMABLE, SURFACE MOUNT KIT	UNIVERSAL INPUT (120V-277V)	40W LED	1,2,3
JE	H.E. WILLIAMS LP-14-L40835-LP14SMK-EM10WRM-DIM-UNV	COLUMBIA CFP14-4035-PLD10M-CFPSMK-14	LITHONIA EPANL-1X4-4000LM-80CRI-35K-MIN1-ZT- MVOLT-E10WCP-1X4 SMKSH	SAME AS TYPE 'J', BUT WITH 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	40W LED	1,2,3
K	H.E. WILLIAMS LP-24-L50835-LP24SMK-DIM-UNV	COLUMBIA CFP24-5535-CFPSMK-24	LITHONIA EPANL-2X4-4800LM-80CRI-35K-MIN1-ZT- MVOLT-2X4 SMKSH	2' X 4' SURFACE (CEILING) MOUNTED LED FIXTURE, 5,000 LUMENS, DLC LISTED, 0-10V DIMMABLE	UNIVERSAL INPUT (120V-277V)	48W LED	1,2,3
KE	H.E. WILLIAMS LP-24-L50835-LP24SMK-EM10WRM-DIM-UNV	COLUMBIA CFP24-5535-PLD10M-CFPSMK-24	LITHONIA EPANL-2X4-4800LM-80CRI-35K-MIN1-ZT- MVOLT-E10WCP-2X4 SMKSH	SAME AS TYPE 'K', BUT WITH 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	48W LED	1,2,3
L	LAMAR VOL48A(MEDIUM)FA-35	COLUMBIA ESL4-35LV-FAW-EDU	INDUSTRIAL LIGHTING PRODUCTS CV4-30WLED-UNIV-35-USBDIHL	1' X 4' SURFACE (WALL) MOUNTED LED FIXTURE, 3,872 LUMENS, DLC LISTED, 0-10V DIMMABLE	UNIVERSAL INPUT (120V-277V)	36W LED	1,2,3
LE	LAMAR VOL48A(MEDIUM)FA-35-EM	COLUMBIA ESL4-35LV-FAW-EDU-ELL14	INDUSTRIAL LIGHTING PRODUCTS CV4-30WLED-UNIV-35-USBDIHL-BSCP10	SAME AS TYPE 'L', BUT WITH 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	36W LED	1,2,3
M	DAYRITE FSW-220L835-UNV-DIM	COLUMBIA MPS2-35MW-CW-EDU	LITHONIA WL2-32L-EZ1-LP835	2' LINEAR WRAPAROUND LED FIXTURE, 2000 LUMENS, DLC LISTED, 0-10V DIMMABLE	UNIVERSAL INPUT (120V-277V)	20W LED	1,2,3
N	LEDALITE 2221LBGLNXX7DEWSC	AXIS TB2WDLED-650-80-35-SO-SIF-WUNV-DP-1	MERCURY ARCHITECTURAL LIGHTING MLS2-WMD-LENGTH-650-35K-HTA-19-U	WALL MOUNTED LINEAR VANITY LIGHT, LENGTH AS INDICATED ON PLANS, WHITE FINISH, DAMP LOCATION LISTED, DLC LISTED, 2,800 LUMENS PER 4' SECTION, 3500°K, 0-10V DIMMABLE	UNIVERSAL INPUT (120V-277V)	25W LED	1,2,3

NOTES:
1. ALL NECESSARY MOUNTING HARDWARE, HANGERS, BRACKETS, STEMS, CHAINS, ETC. SHALL BE PROVIDED.
2. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS, ARRANGEMENTS, EXACT LOCATIONS, CEILING HEIGHTS, ETC. ALL COLORS AND FINISHES SHALL BE VERIFIED BY THE ARCHITECT.
3. FIXTURES SHALL BE SEISMICALLY SUPPORTED AS REQUIRED BY THE CONNECTICUT STATE BUILDING CODE.

EXTERIOR LIGHTING FIXTURE SCHEDULE

TYPE	BASIS OF DESIGN	ALTERNATIVE #1	ALTERNATIVE #2	DESCRIPTION	VOLTAGE	BASIS OF DESIGN LAMPING	REMARKS
C1E (SITE)	TRACE LITE SCP-S-20-LG-VS-4K-FINISH-PHOTOCCELL-BB	MAXLITE CP120AUC40BPC (PROVIDE W/ REMOTE MINI INVERTER)	NLS LIGHTING VSS-S-T5-16L-35-40K-UNV-CM-FINISH-EB	SAME AS TYPE 'C1', BUT WITH 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	20W LED	1,2
C2E	TRACE LITE SCP-S-36-LG-VS-4K-FINISH-PHOTOCCELL-BB	MAXLITE CP130AUC40BPC (PROVIDE W/ REMOTE MINI INVERTER)	NLS LIGHTING VSS-S-T5-16L-7-40K-UNV-CM-FINISH-EB	SURFACE MOUNTED LED CANOPY LIGHT, 4815 LUMENS, 4000°K, FINISH TO BE SELECTED BY ARCHITECT, DLC LISTED, WITH EXTERNAL PHOTOCCELL AND 90 MINUTE EMERGENCY BATTERY PACK	UNIVERSAL INPUT (120V-277V)	36W LED	1,2
PT1	HADCO VX891132-G2-FINISH-F-2-PHOTO-N-A-S-S- CT1054 (PROVIDE WITH NEW POLE TO MATCH EXISTING, OR ADAPT TO EXISTING POLE)	ELA LIGHTING ATL-15-PT-H2-50LED-40-VOLTAGE-FA--PCB- -SPIKES (PROVIDE WITH NEW POLE TO MATCH EXISTING, OR ADAPT TO EXISTING POLE)	NLS LIGHTING WLT3-32L-53-40K-UNV-FINISH-T2R-PC-B8 (PROVIDE WITH NEW POLE TO MATCH EXISTING, OR ADAPT TO EXISTING POLE)	POST-TOP LED HEAD ON NEW POLE, FINISH TO BE SELECTED BY ARCHITECT, SPIKES, INTEGRAL PHOTOCCELL, 4000°K, PROVIDE MOUNTING HARDWARE AS REQUIRED, DLC LISTED. NEW POLE SHALL MATCH EXISTING POLE OR PROVIDE CUSTOM ADAPTER HARDWARE TO UTILIZE EXISTING POLE. FIELD VERIFY EXISTING VOLTAGE.	UNIVERSAL INPUT (120V-277V) OR MATCH EXISTING	53W LED	1,2
SL3	LUMEC RFM-85W36LED4K-G2-R3S-UNV-FINISH	HUBBELL RAR1-160L-100-4K-7-4W-UNV--** (TUNE LUMEN OUTPUT)	LITHONIA DSX1-LED-40C-700-40K-T5M-MVOLT-MA- DDBXD	LED COBRAHEAD FIXTURE ON EXISTING POLE, 4000°K, TYPE III SHORT DISTRIBUTION, FINISH TO BE SELECTED BY ARCHITECT, DLC LISTED	UNIVERSAL INPUT (120V-277V)	85W LED	1,2
SL4A	LUMEC RFM-85W36LED4K-G2-4-UNV-FINISH	HUBBELL RAR1-160L-100-4K-7-4W-UNV--** (TUNE LUMEN OUTPUT)	LITHONIA DSX1-LED-40C-700-40K-T5M-MVOLT-MA- DDBXD	SAME AS TYPE 'SL3', BUT WITH TYPE IV DISTRIBUTION	UNIVERSAL INPUT (120V-277V)	85W LED	1,2
SL4B	LUMEC RFM-85W36LED4K-G2-4-UNV-FINISH	HUBBELL RAR1-160L-100-4K-7-4W-UNV--** (TUNE LUMEN OUTPUT)	LITHONIA DSX1-LED-40C-700-40K-T5M-MVOLT-MA- DDBXD	SAME AS TYPE 'SL4A', BUT MOUNTED AT -22° AFG	UNIVERSAL INPUT (120V-277V)	85W LED	1,2
SL5A	LUMEC RFM-85W36LED4K-G2-5-UNV-FINISH	HUBBELL RAR1-160L-100-4K-7-50W-UNV--** (TUNE LUMEN OUTPUT)	LITHONIA DSX1-LED-40C-700-40K-T5M-MVOLT-MA- DDBXD	SAME AS TYPE 'SL3', BUT WITH TYPE V DISTRIBUTION	UNIVERSAL INPUT (120V-277V)	85W LED	1,2
SL5A-CB	LUMEC RFM-85W36LED4K-G2-5-UNV-FINISH	HUBBELL RAR1-160L-100-4K-7-50W-UNV--** (TUNE LUMEN OUTPUT)	LITHONIA DSX1-LED-40C-700-40K-T5M-MVOLT-MA- DDBXD	SAME AS TYPE 'SL5A' BUT EXISTING POLE IS ON TOP OF 30" CONCRETE BASE	UNIVERSAL INPUT (120V-277V)	85W LED	1,2
SL5B	LUMEC RFM-85W36LED4K-G2-5-UNV-FINISH	HUBBELL RAR1-160L-100-4K-7-50W-UNV--** (TUNE LUMEN OUTPUT)	LITHONIA DSX1-LED-40C-700-40K-T5M-MVOLT-MA- DDBXD	SAME AS TYPE 'SL5A' BUT TWO HEADS MOUNTED BACK TO BACK (180° APART)	UNIVERSAL INPUT (120V-277V)	85W LED PER HEAD	1,2
SL5B-CB	LUMEC RFM-85W36LED4K-G2-5-UNV-FINISH	HUBBELL RAR1-160L-100-4K-7-50W-UNV--** (TUNE LUMEN OUTPUT)	LITHONIA DSX1-LED-40C-700-40K-T5M-MVOLT-MA- DDBXD	SAME AS TYPE 'SL5B' BUT ON TOP OF 30" CONCRETE BASE	UNIVERSAL INPUT (120V-277V)	85W LED PER HEAD	1,2
SL5B-CB2	LUMEC RFM-85W36LED4K-G2-5-UNV-FINISH (FIXTURE) LYTE POLES 405-6018-20-AB-SATIN-IBST (POLE) LYTE POLES SBA-218 (BRACKET)	HUBBELL RAR1-160L-100-4K-7-50W-UNV--** (FIXTURE) (TUNE LUMEN OUTPUT) GENERAL STRUCTURES INC 6083-16, A356-T6, EXG BOLTS, A153 (POLE) GENERAL STRUCTURES INC SBA-218 (BRACKET)	LITHONIA DSX1-LED-40C-700-40K-T5M-MVOLT-MA- DDBXD (FIXTURE) LITHONIA RTA20-6G-T20-LAB-DNA (POLE) LITHONIA SMACS-28-T20-15-DNAXD (BRACKET)	SAME AS TYPE 'SL5B-CB' BUT WITH NEW 20" TAPERED ALUMINUM POLE TO MATCH EXISTING IN THE AREA, MOUNTED TO EXISTING CONCRETE BASE. MATCH EXISTING BOLT PATTERN.	UNIVERSAL INPUT (120V-277V)	85W LED PER HEAD	1,2
SL5C	LUMEC RFM-85W36LED4K-G2-5-UNV-FINISH	HUBBELL RAR1-160L-100-4K-7-50W-UNV--** (TUNE LUMEN OUTPUT)	LITHONIA DSX1-LED-40C-700-40K-T5M-MVOLT-MA- DDBXD	SAME AS 'SL5A' BUT 3 HEADS MOUNTED 120° APART	UNIVERSAL INPUT (120V-277V)	85W LED PER HEAD	1,2
SL5D	LUMEC RFM-85W36LED4K-G2-5-UNV-FINISH	HUBBELL RAR1-160L-100-4K-7-50W-UNV--** (TUNE LUMEN OUTPUT)	LITHONIA DSX1-LED-40C-700-40K-T5M-MVOLT-MA- DDBXD	SAME AS 'SL5A' BUT 4 HEADS MOUNTED 90° APART	UNIVERSAL INPUT (120V-277V)	85W LED PER HEAD	1,2
SL5E	LUMEC RFM-85W36LED4K-G2-5-UNV-FINISH (FIXTURE) LYTE POLES 405-6018-20-AB-SATIN (POLE) LYTE POLES SBA-218 (BRACKET)	HUBBELL RAR1-160L-100-4K-7-50W-UNV--** (FIXTURE) (TUNE LUMEN OUTPUT) GENERAL STRUCTURES INC 6083-16, A356-T6, EXG BOLTS, A153 (POLE) GENERAL STRUCTURES INC SBA-218 (BRACKET)	LITHONIA DSX1-LED-40C-700-40K-T5M-MVOLT-MA- DDBXD (FIXTURE) LITHONIA RTA20-6G-T20-LAB-DNA (POLE) LITHONIA SMACS-28-T20-15-DNAXD (BRACKET)	LED COBRAHEAD FIXTURE ON NEW TAPERED 20" ALUMINUM POLE ON TOP OF EXPOSED CONCRETE FOUNDATION, 4000°K, TYPE IV DISTRIBUTION, TWO HEADS MOUNTED 180° APART, FINISH TO BE SELECTED BY ARCHITECT, DLC LISTED	UNIVERSAL INPUT (120V-277V)	85W LED PER HEAD	1,2
WP1AE	TRACE LITE WL22-3-4K-FINISH-PC-BB-H	HUBBELL SG1-30-4K7-FT-UNV-X-PCU-EH (TUNE LUMEN OUTPUT)	INDUSTRIAL LIGHTING PRODUCTS WPSP-30WLED-UNIV-4000K-PCU (PROVIDE W/ REMOTE MINI INVERTER)	SAME AS TYPE 'WP1A' BUT WITH 90 MINUTE COLD WEATHER EMERGENCY BATTERY PACK	VERIFY IN FIELD	25W LED	1,2
WP1B	TRACE LITE WL22-3-4K-FINISH-PC	HUBBELL SG1-30-4K7-FT-UNV-X-PCU (TUNE LUMEN OUTPUT)	INDUSTRIAL LIGHTING PRODUCTS WPSP-30WLED-UNIV-4000K-PCU (PROVIDE W/ REMOTE MINI INVERTER)	SAME AS TYPE 'WP1A' BUT DIFFERENT MOUNTING HEIGHT (MATCH EXISTING)	VERIFY IN FIELD	25W LED	1,2
WP1BE	TRACE LITE WL22-3-4K-FINISH-PC-BB-H	HUBBELL SG1-30-4K7-FT-UNV-X-PCU-EH (TUNE LUMEN OUTPUT)	INDUSTRIAL LIGHTING PRODUCTS WPSP-30WLED-UNIV-4000K-PCU (PROVIDE W/ REMOTE MINI INVERTER)	SAME AS TYPE 'WP1B' BUT WITH 90 MINUTE COLD WEATHER EMERGENCY BATTERY PACK	VERIFY IN FIELD	25W LED	1,2
WP2A	GARCO 161-46L-600-NV-G2-4-VOLTAGE-PCB-WS- FINISH	KIM LIGHTING WDM-D-48L-85-4K7-4F-UNV--PC	INDUSTRIAL LIGHTING PRODUCTS DSXW3-LED-30C-1000-40K-T4M-277-BBW- PE-DDBXD	LED SCODGE, TYPE 4 DISTRIBUTION, FINISH TO BE SELECTED BY ARCHITECT, FIELD VERIFY EXISTING SOURCE VOLTAGE, DLC LISTED	VERIFY IN FIELD	91W LED	1,2
WP2AE	GARCO 161-46L-600-NV-G2-4-VOLTAGE-PCB-WS- FINISH (PROVIDE W/ REMOTE MINI INVERTER)	KIM LIGHTING WDM-D-48L-85-4K7-4F-UNV--PC (PROVIDE W/ REMOTE MINI INVERTER)	INDUSTRIAL LIGHTING PRODUCTS DSXW3-LED-30C-1000-40K-T4M-277-BBW- PE-DDBXD (PROVIDE W/ REMOTE MINI INVERTER)	SAME AS TYPE 'WP2A' BUT WITH 90 MINUTE REMOTE BATTERY INVERTER	VERIFY IN FIELD	91W LED	1,2
WP2B	GARCO 161-46L-600-NV-G2-4-VOLTAGE-WS-FINISH	KIM LIGHTING WDM-D-48L-85-4K7-4F-UNV--PC	INDUSTRIAL LIGHTING PRODUCTS DSXW3-LED-30C-1000-40K-T4M-MVOLT-BBW- PE-DDBXD	SAME AS TYPE 'WP2A' BUT DIFFERENT MOUNTING HEIGHT (MATCH EXISTING)	VERIFY IN FIELD	91W LED	1,2
WP2BE	GARCO 161-46L-600-NV-G2-4-VOLTAGE-WS-FINISH (AND REMOTE INVERTER)	KIM LIGHTING WDM-D-48L-85-4K7-4F-UNV--PC (PROVIDE W/ REMOTE MINI INVERTER)	INDUSTRIAL LIGHTING PRODUCTS DSXW3-LED-30C-1000-40K-T4M-MVOLT-BBW- PE-DDBXD (PROVIDE W/ REMOTE MINI INVERTER)	SAME AS TYPE 'WP2B' BUT WITH 90 MINUTE REMOTE BATTERY INVERTER	VERIFY IN FIELD	91W LED	1,2

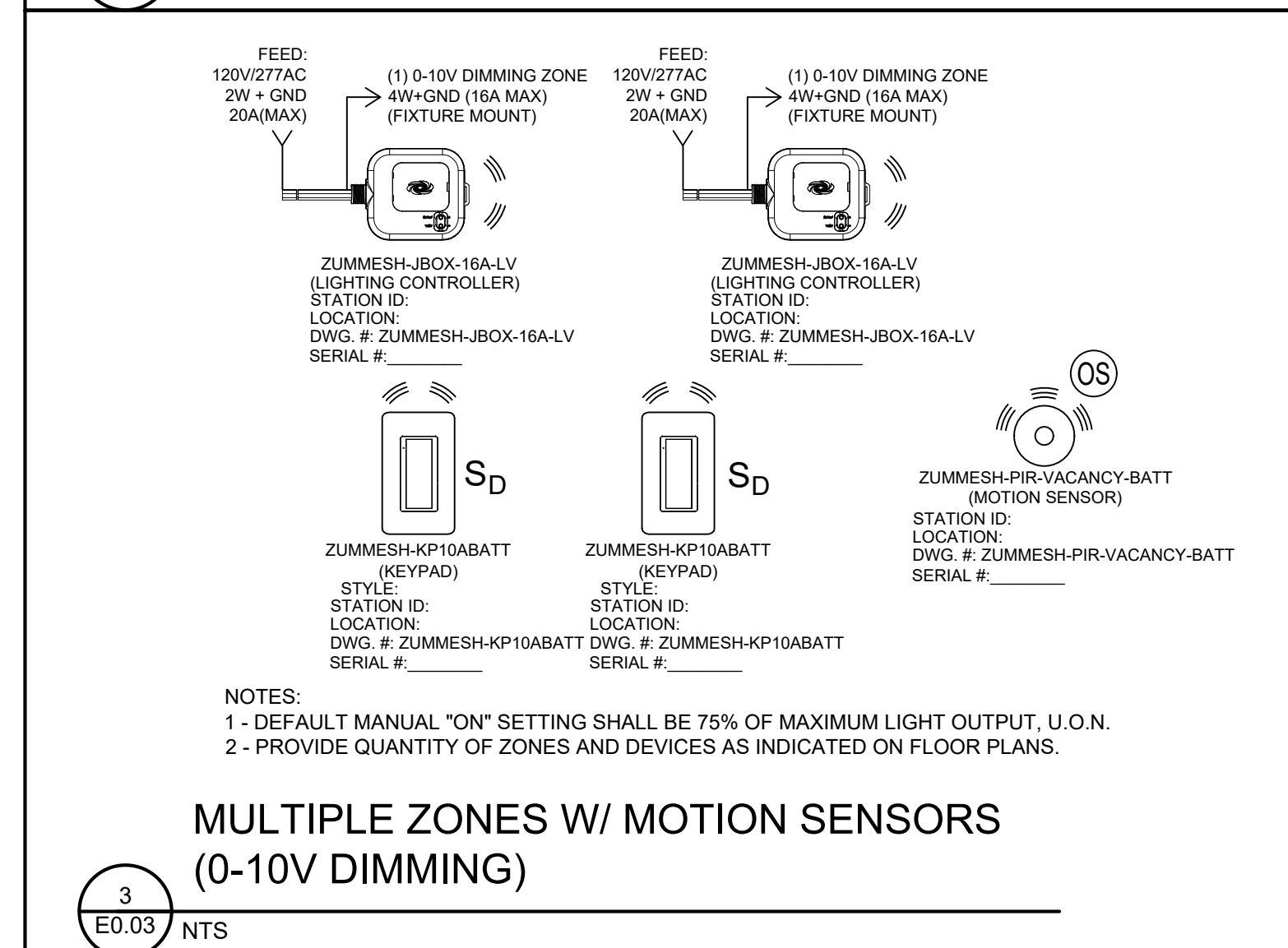
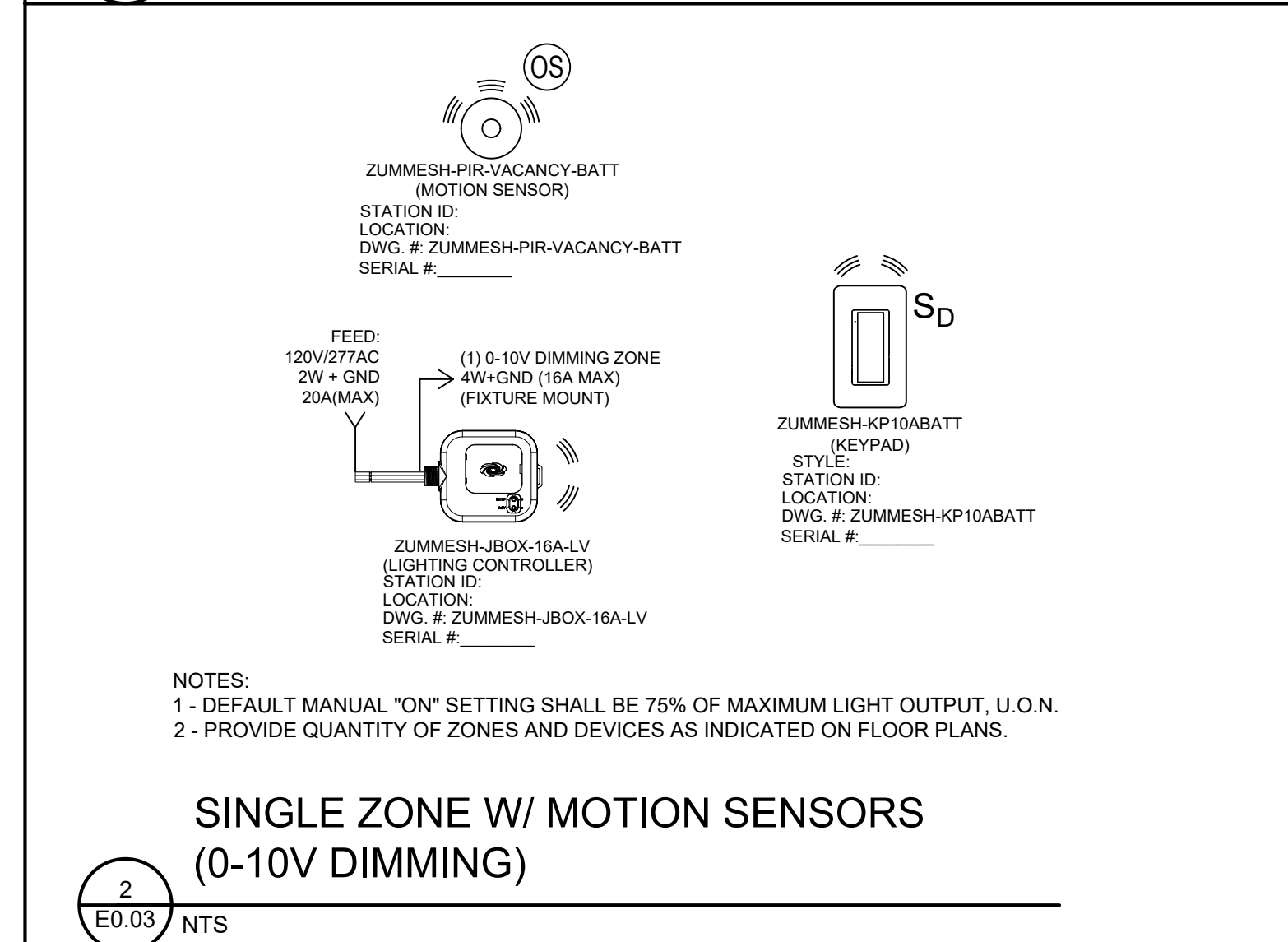
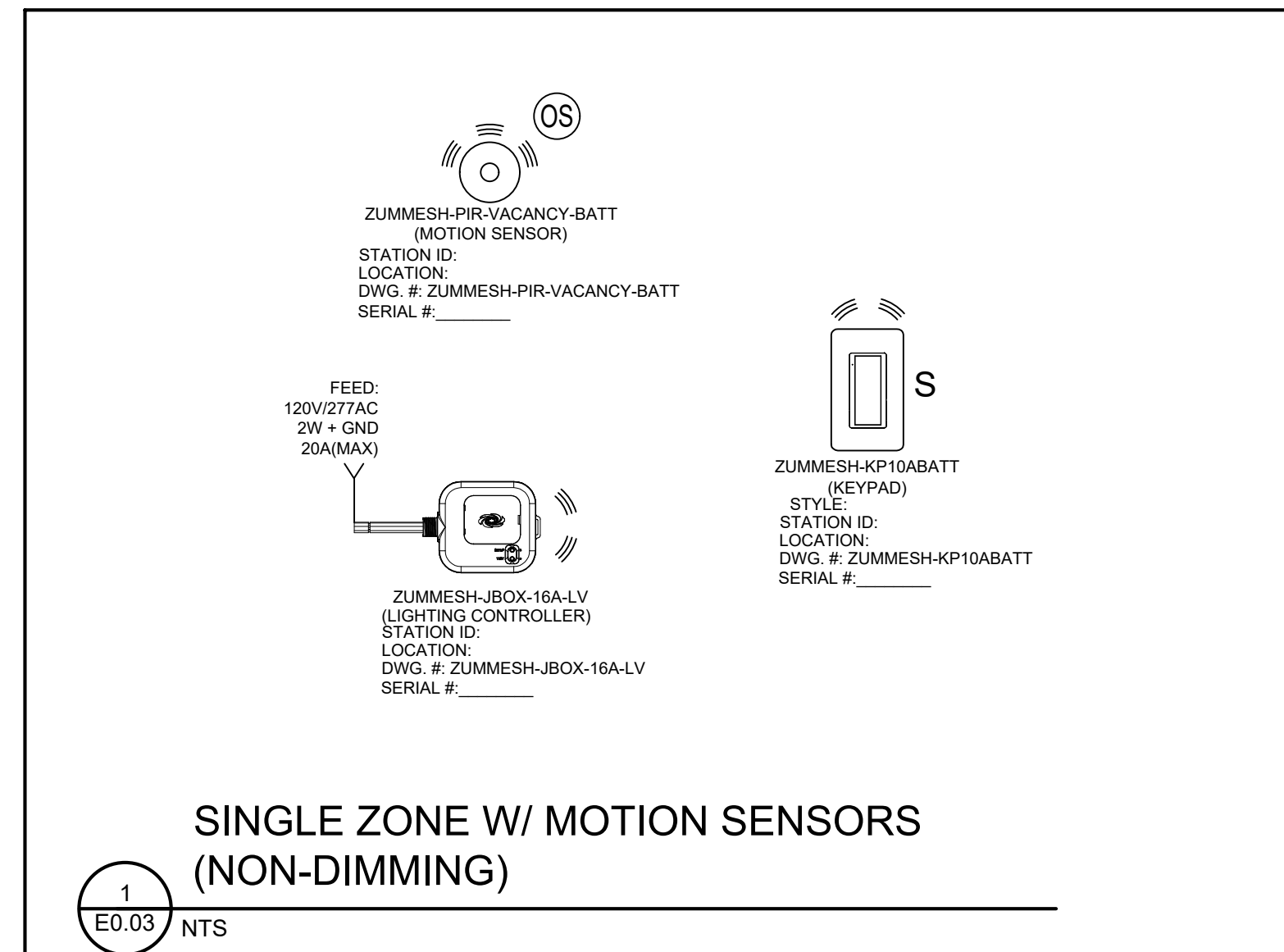
NOTES:
1. ALL NECESSARY MOUNTING HARDWARE, HANGERS, BRACKETS, ETC. SHALL BE PROVIDED.
2. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS, ARRANGEMENTS, EXACT LOCATIONS, CEILING HEIGHTS, ETC. ALL COLORS AND FINISHES SHALL BE VERIFIED BY THE ARCHITECT.

LIGHTING FIXTURE NOTES

- PHOTOMETRIC CALCULATIONS HAVE ONLY BEEN PERFORMED FOR THE BASIS OF DESIGN FIXTURES, NOT ALTERNATIVE #1 OR ALTERNATIVE #2 FIXTURES. FIXTURE SELECTIONS ALTERNATIVE #1 AND #2 FIXTURES WERE PROVIDED BY THE RESPECTIVE SUPPLIERS AS PROPOSED EQUALS, WHICH ARE TENTATIVE (PENDING PHOTOMETRIC CALCULATIONS).
- IF ALTERNATIVE #1 OR ALTERNATIVE #2 FIXTURES ARE TO BE SUPPLIED FOR THIS PROJECT, PHOTOMETRIC CALCULATIONS MUST BE PROVIDED TO THE ENGINEER FOR REVIEW AS A PART OF THE SHOP DRAWING REVIEW PROCESS. IF CHANGES TO FIXTURES (E.G. REVISED LUMEN OUTPUTS, REVISED DISTRIBUTION PATTERNS, ETC.) ARE REQUIRED AS A RESULT OF THE PHOTOMETRIC CALCULATIONS, THEY SHALL BE MADE SO AT NO COST TO THE OWNER. AT A MINIMUM, THE FOLLOWING MUST BE ACHIEVED:
 - AVERAGE FOOTCANDLE LEVELS MUST BE EQUAL TO OR GREATER THAN BASIS OF DESIGN IN EACH AREA.
 - MAX TO MIN FOOTCANDLE RATIOS MUST BE EQUAL TO OR LESS THAN BASIS OF DESIGN IN EACH AREA.
 - WATTAGE FOR EACH LIGHT FIXTURE MUST BE NO MORE THAN 5% ABOVE BASIS OF DESIGN FIXTURE WATTAGE.
- BASIS OF DESIGN PHOTOMETRIC CALCULATIONS WILL BE PROVIDED TO THE CONTRACTOR UPON REQUEST.
- SEE DRAWING E0.01 FOR UTILITY COMPANY REBATE/INCENTIVE REQUIREMENTS RELATED TO LIGHTING FIXTURES. ALL FIXTURES PROVIDED SHALL BE DLC LISTED UNLESS OTHERWISE NOTED.

drawing title electrical schedules	STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES		
professional seal	REVISIONS drawing prepared by EDM 48 SOUTH MAIN STREET, 2ND FLOOR UNIONVILLE, CT		
mark	date	description	date 07/01/2020 scale N.T.S. drawn by SGG approved by SGG drawing no. E0.02
	project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT WETHERSFIELD, CT CAD no. E002.dwg	project no. BI-MM-58	

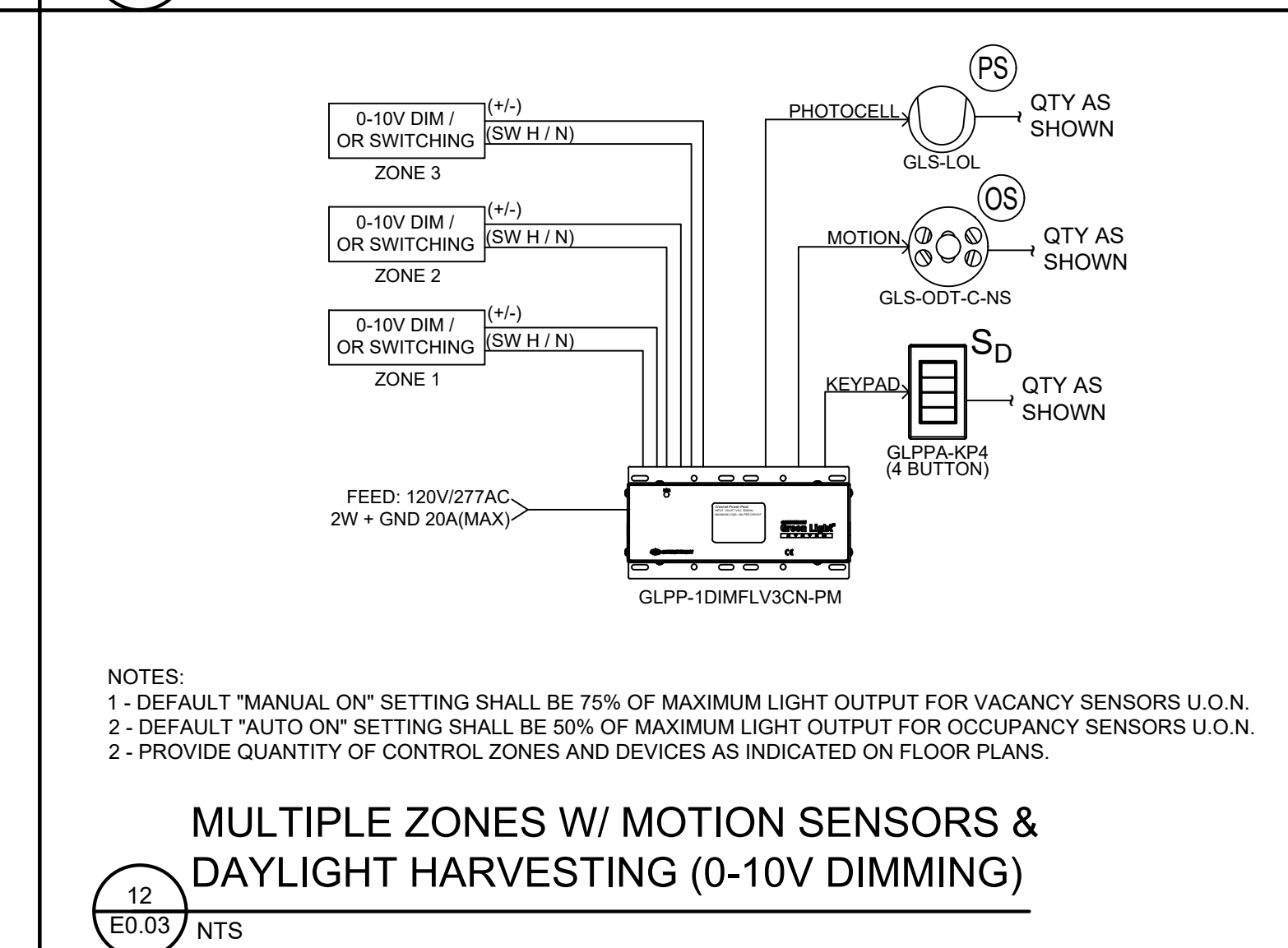
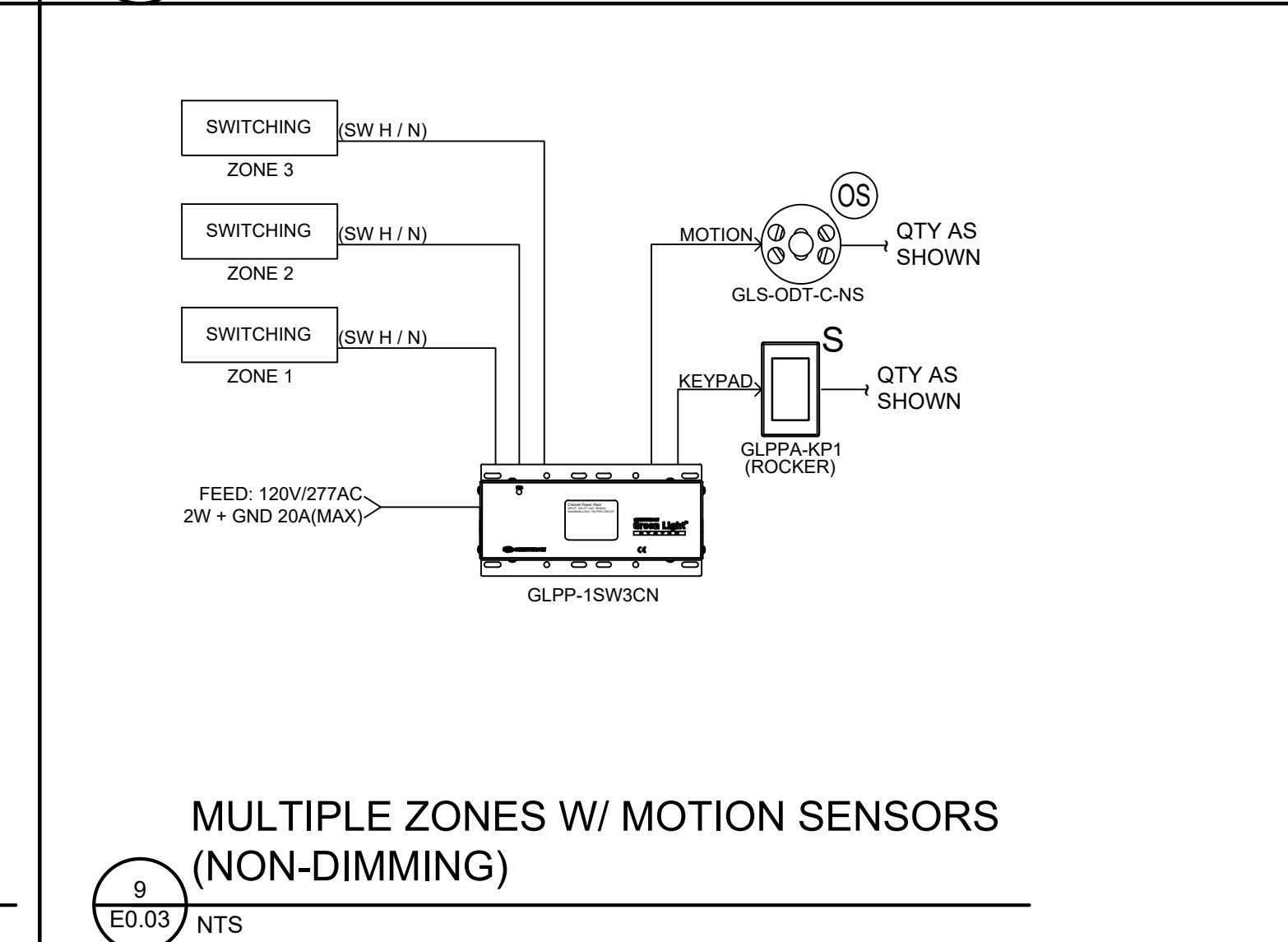
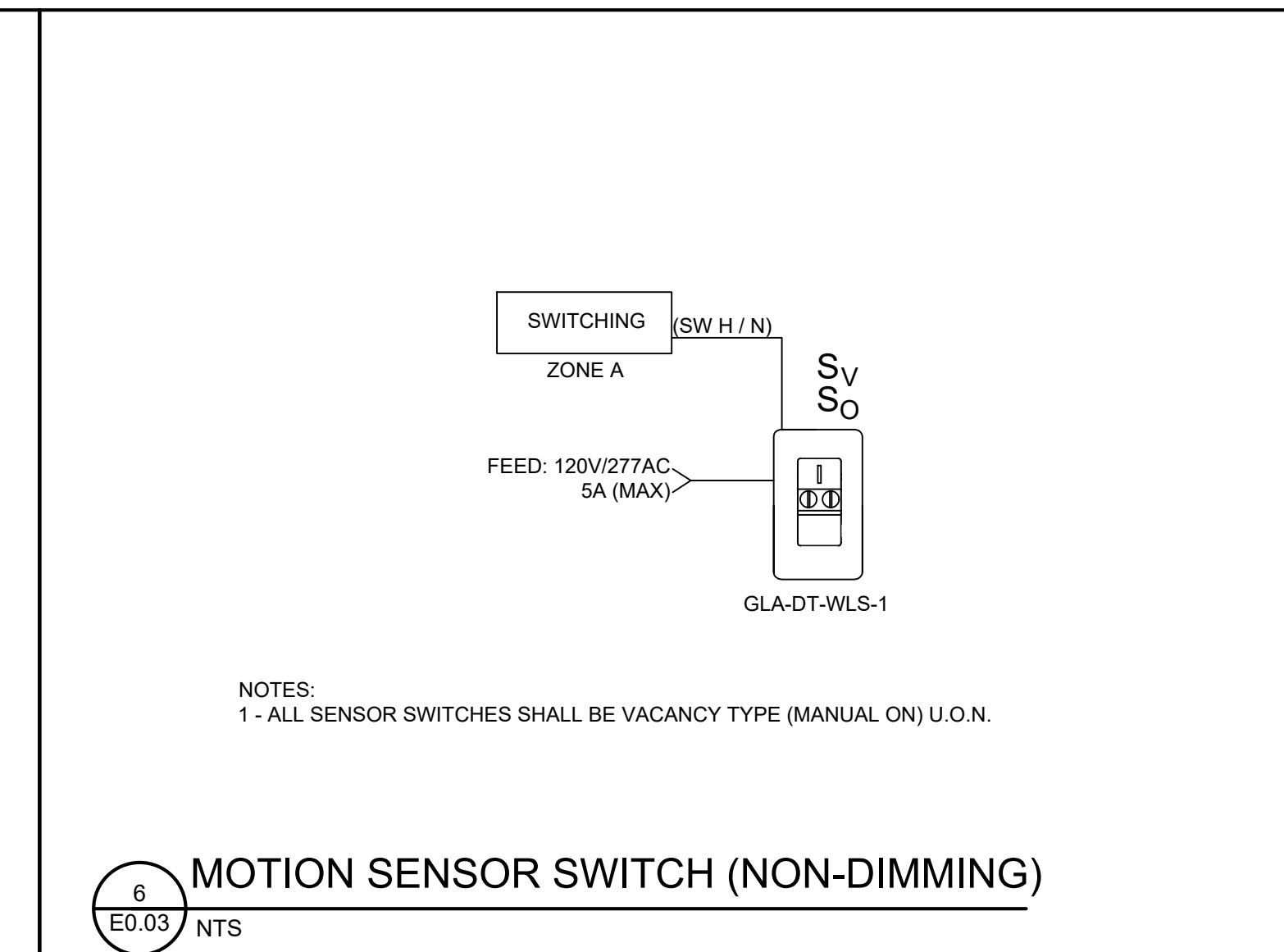
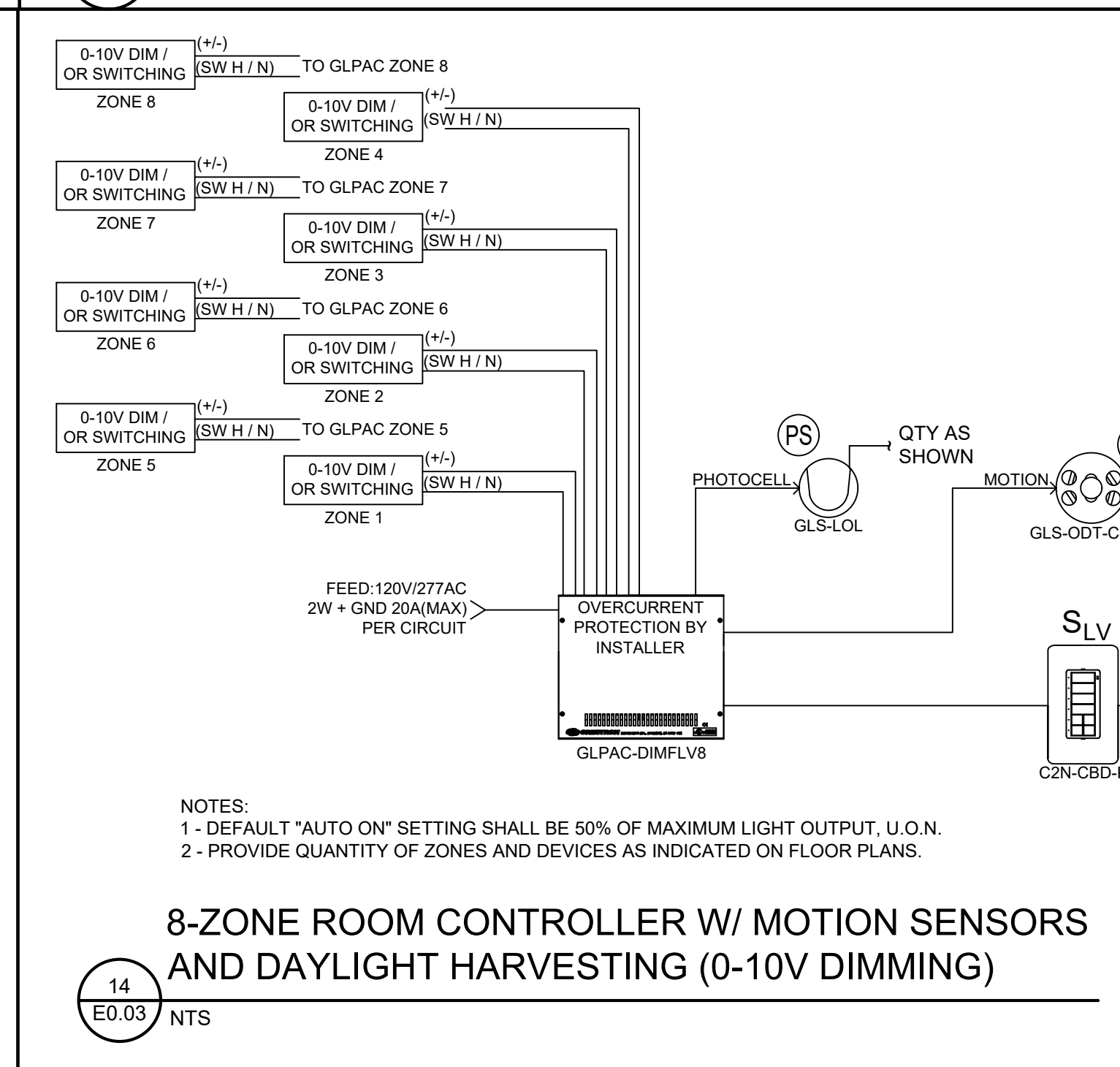
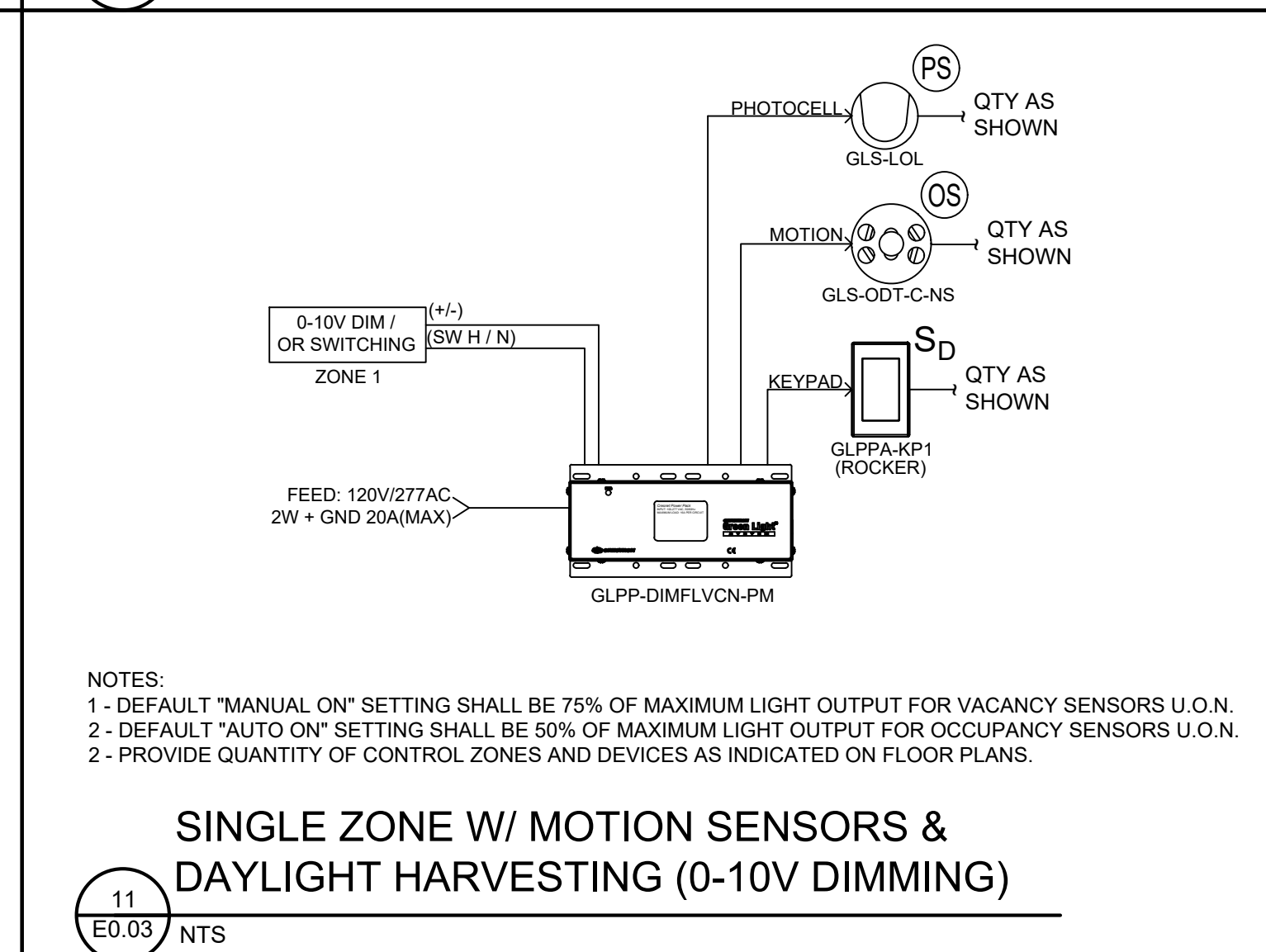
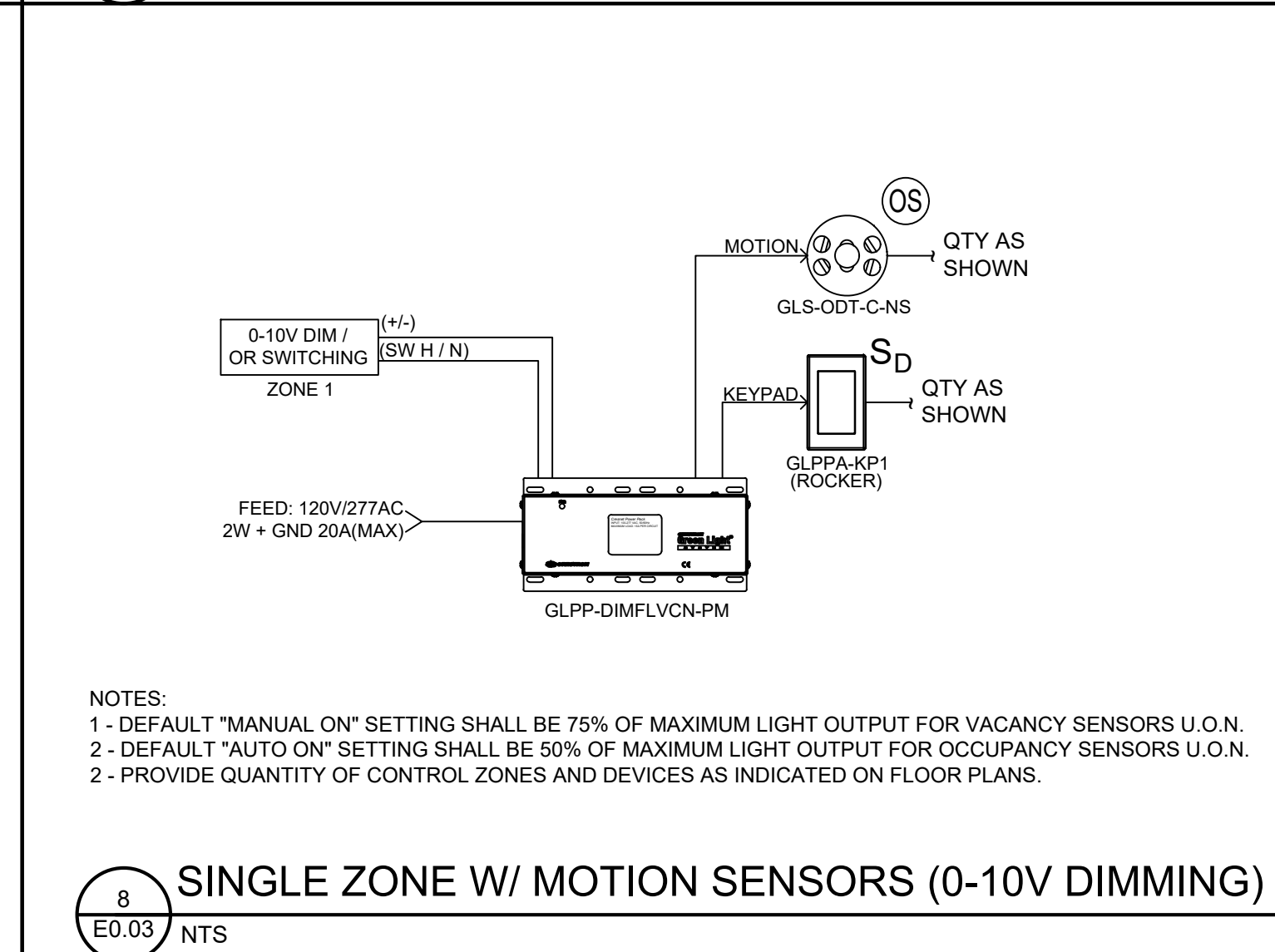
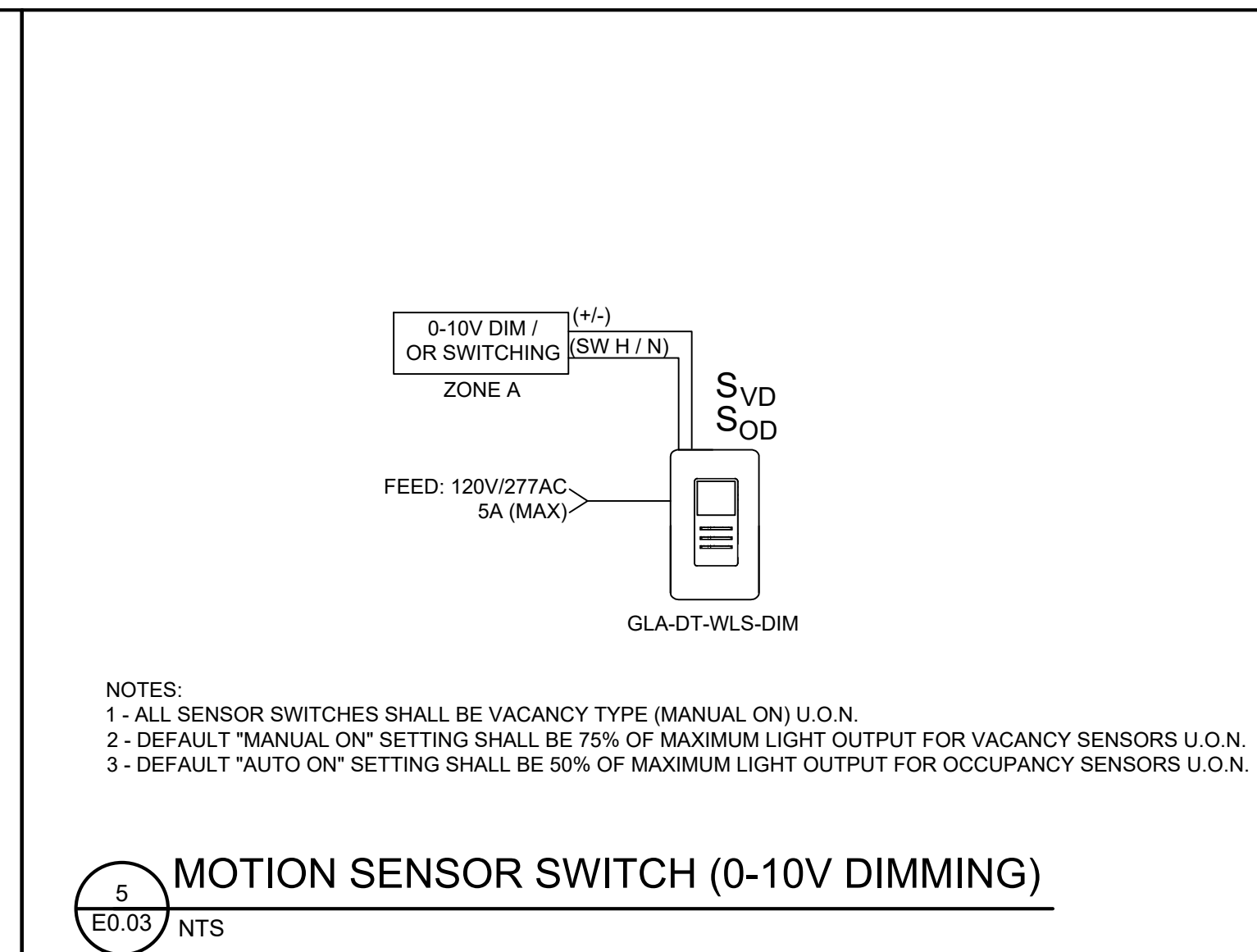
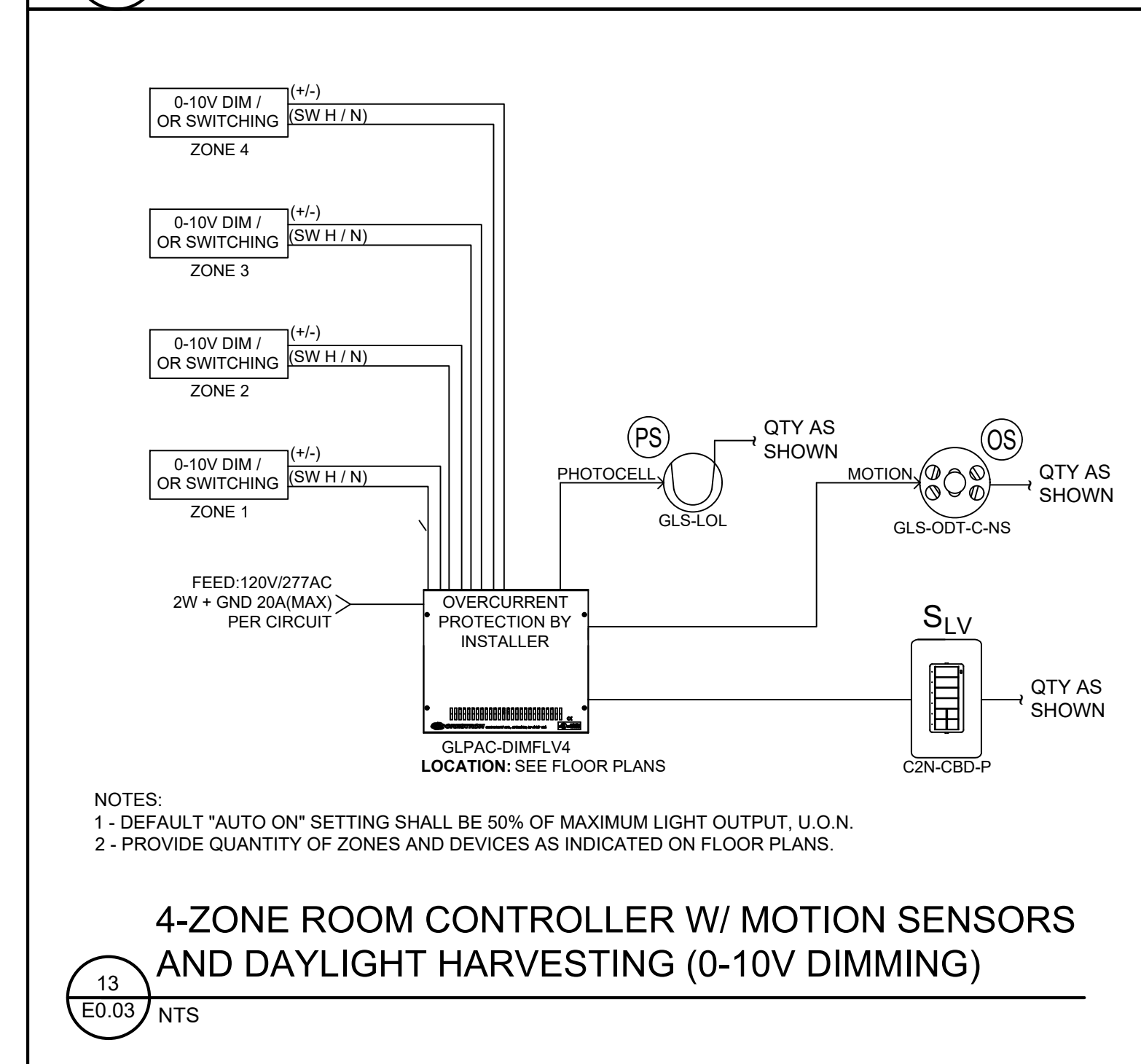
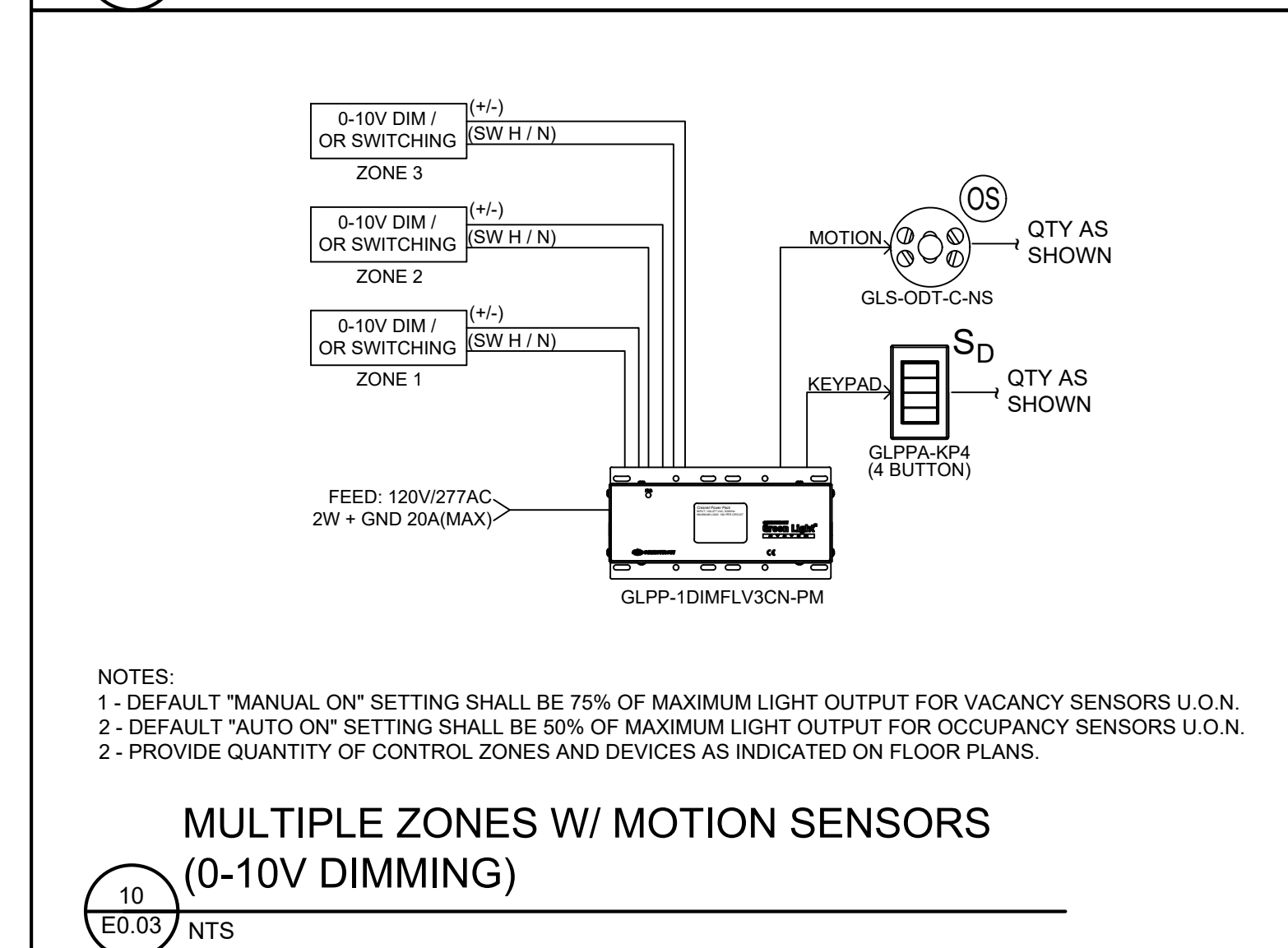
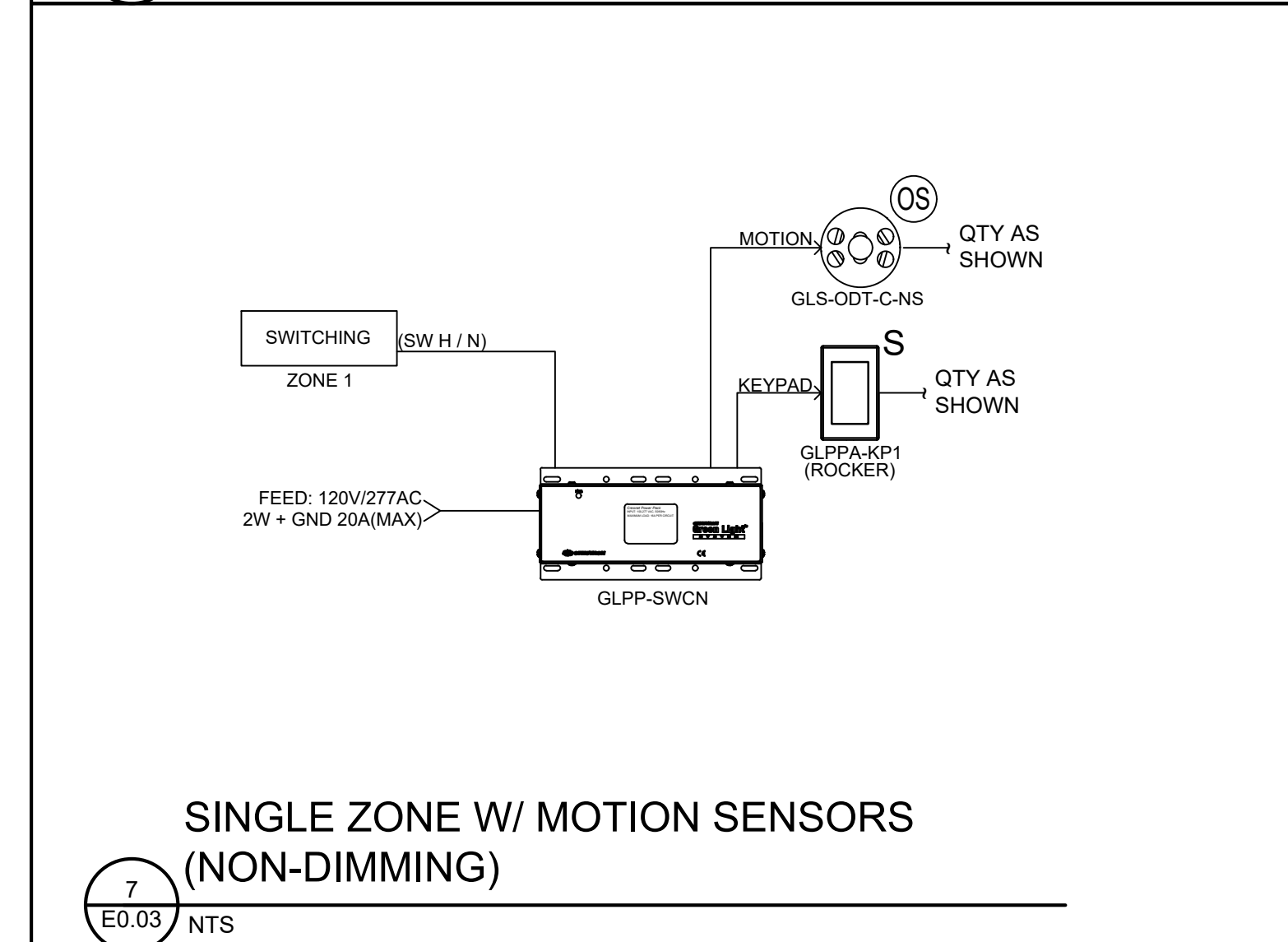
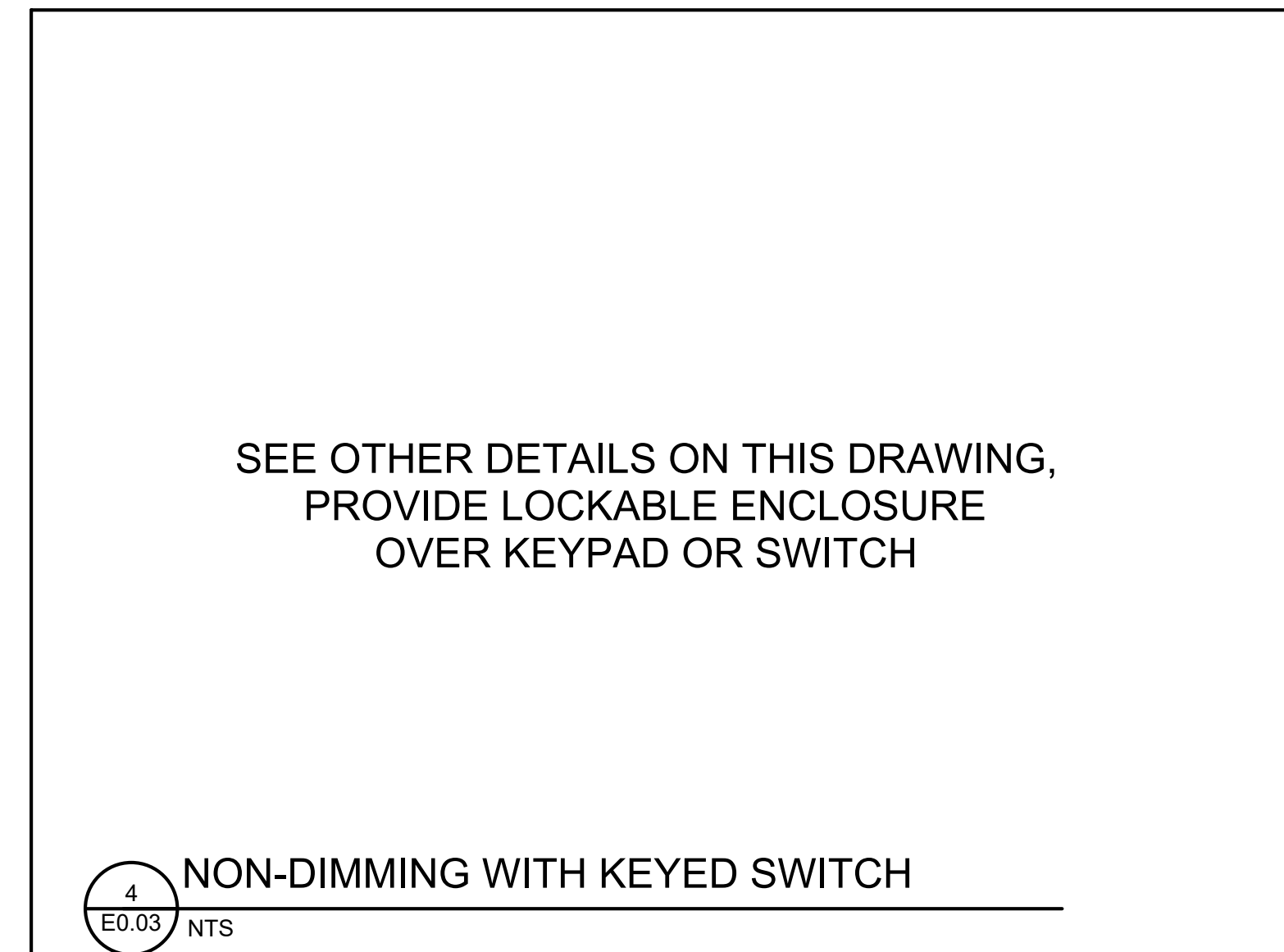
WIRELESS LIGHTING CONTROLS DETAILS



WIRELESS LIGHTING CONTROLS NOTES

- LIGHTING CONTROLS SHALL BE WIRELESS. BASIS OF DESIGN IS CRESTRON ZUM SYSTEM, SHOWN FOR DESIGN INTENT ONLY. PROVIDE BASIS OF DESIGN SYSTEM OR ONE OF THE TWO APPROVED EQUAL MANUFACTURERS' SYSTEMS. REFER TO SPECIFICATIONS FOR ACCEPTABLE ALTERNATIVE MANUFACTURERS. PROVIDE ALL ACCESSORIES, WIRING, DEVICES, EQUIPMENT, ETC AS REQUIRED FOR ALTERNATIVE MANUFACTURERS TO PROVIDE THE SAME FUNCTIONALITY AS THE BASIS OF DESIGN SYSTEM.
- PROVIDE ACCESS PANELS FOR ALL EQUIPMENT & DEVICES LOCATED ABOVE HARD CEILING.
- UNLESS OTHERWISE NOTED, IN AREAS WITH OCCUPANCY SENSORS (AUTO-ON / AUTO-OFF) AND DIMMABLE LIGHTING, UPON DETECTION OF MOTION, FIXTURES SHALL TURN ON AUTOMATICALLY TO 50% OF THEIR MAXIMUM LIGHT OUTPUT. THE OCCUPANTS SHALL HAVE THE ABILITY TO OVERRIDE THE FIXTURES MANUALLY UP TO 100% OUTPUT OR TURN THE LIGHTS OFF VIA THE DIMMER SWITCH.
- UNLESS OTHERWISE NOTED, IN AREAS WITH VACANCY SENSORS (MANUAL-ON / AUTO-OFF) AND DIMMABLE LIGHTING, THE ACTION OF TURNING ON THE LIGHT SWITCH SHALL CAUSE THE LIGHT FIXTURES TO TURN ON TO 75% OF THEIR MAXIMUM LIGHT OUTPUT. THE OCCUPANTS SHALL HAVE THE ABILITY TO FURTHER ADJUST THE LIGHT LEVEL (UP OR DOWN) AND TO TURN THE LIGHTS OFF VIA THE DIMMER SWITCH.
- REFER TO SPECIFICATIONS FOR MANUFACTURER COMMISSIONING, TRAINING & ADJUSTMENT REQUIREMENTS. MANUFACTURERS COMMISSIONING & ADJUSTMENT SHALL OCCUR ONCE DURING CONSTRUCTION, AND ONCE AFTER CONSTRUCTION (FOR FOLLOW-UP ADJUSTMENTS).
- PROVIDE ALL LOAD CONTROLLERS, SENSOR INTEGRATION MODULES, NETWORK BRIDGES, SENSORS, POWER SUPPLIES, EXPANSION MODULES, WIRING, ETC AS REQUIRED FOR A FULLY OPERATIONAL SYSTEM.
- MOUNT BATTERY POWERED KEYPADS TO STANDARD ELECTRICAL BOXES AND PROVIDE DECORATOR STYLE FACEPLATES. KEYPADS SHALL NOT BE MOUNTED DIRECTLY TO WALL SURFACES WITH DOUBLE-SIDED TYPE, DRYWALL ANCHORS OR ANY OTHER SIMILAR TYPE OF MOUNTING.

HARDWIRED LIGHTING CONTROLS DETAILS



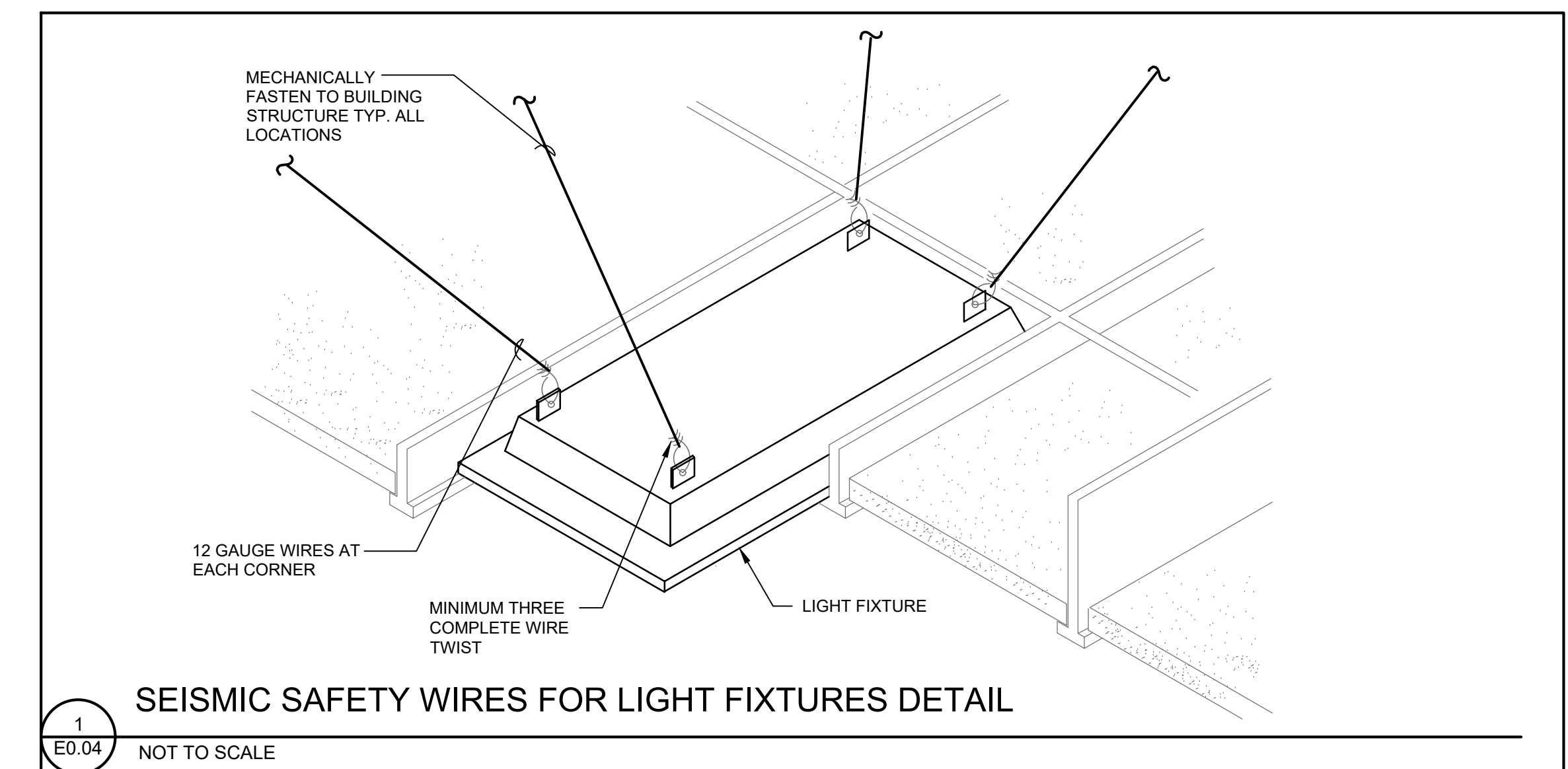
HARDWIRED LIGHTING CONTROLS NOTES

- BASIS OF DESIGN IS CRESTRON, SHOWN FOR DESIGN INTENT ONLY. PROVIDE BASIS OF DESIGN SYSTEM OR ONE OF THE TWO APPROVED EQUAL MANUFACTURERS' SYSTEMS. REFER TO SPECIFICATIONS FOR ACCEPTABLE ALTERNATIVE MANUFACTURERS. PROVIDE ALL ACCESSORIES, WIRING, DEVICES, EQUIPMENT, ETC AS REQUIRED FOR ALTERNATIVE MANUFACTURERS TO PROVIDE THE SAME FUNCTIONALITY AS THE BASIS OF DESIGN SYSTEM.
- PROVIDE ONE POWER PACK (GLPP OR GLPAC AS INDICATED) FOR EACH SWITCHED CIRCUIT / CONTROL ZONE, UNLESS IT HAS BEEN FIELD VERIFIED THAT THE SAME LINE VOLTAGE CIRCUIT FEEDS MULTIPLE CONTROL ZONES IN THE SPACE, IN WHICH CASE THE QUANTITY MAY BE REDUCED ACCORDINGLY.
- REFER TO FLOOR PLANS FOR INFORMATION REGARDING MOTION SENSOR TYPE (OCCUPANCY VS VACANCY).
- UNLESS OTHERWISE NOTED, IN AREAS WITH OCCUPANCY SENSORS (AUTO-ON / AUTO-OFF) AND DIMMABLE LIGHTING, UPON DETECTION OF MOTION, FIXTURES SHALL TURN ON AUTOMATICALLY TO 50% OF THEIR MAXIMUM LIGHT OUTPUT. THE OCCUPANTS SHALL HAVE THE ABILITY TO OVERRIDE THE FIXTURES MANUALLY UP TO 100% OUTPUT OR TURN THE LIGHTS OFF.
- UNLESS OTHERWISE NOTED, IN AREAS WITH VACANCY SENSORS (MANUAL-ON / AUTO-OFF) AND DIMMABLE LIGHTING, THE ACTION OF TURNING ON THE LIGHT SWITCH SHALL CAUSE THE LIGHT FIXTURES TO TURN ON TO 75% OF THEIR MAXIMUM LIGHT OUTPUT. THE OCCUPANTS SHALL HAVE THE ABILITY TO OVERRIDE THE FIXTURES MANUALLY UP TO 100% OUTPUT OR TURN THE LIGHTS OFF VIA THE DIMMER SWITCH.
- PROVIDE POWER SUPPLIES, EXPANSION MODULES, SENSOR INTEGRATION MODULES, POWER PACKS, CONTROLLERS, WIRING, ETC AS REQUIRED TO PROVIDE A FULLY FUNCTIONAL SYSTEM.
- CONTROLS DETAILS ARE DIAGRAMMATIC - SEE FLOOR PLANS FOR DEVICE & CONTROL ZONE QUANTITIES.
- SEE DRAWING E0.04 FOR GLPAC (ROOM CONTROLLER) ZONING AND KEYPAD SCHEDULES.

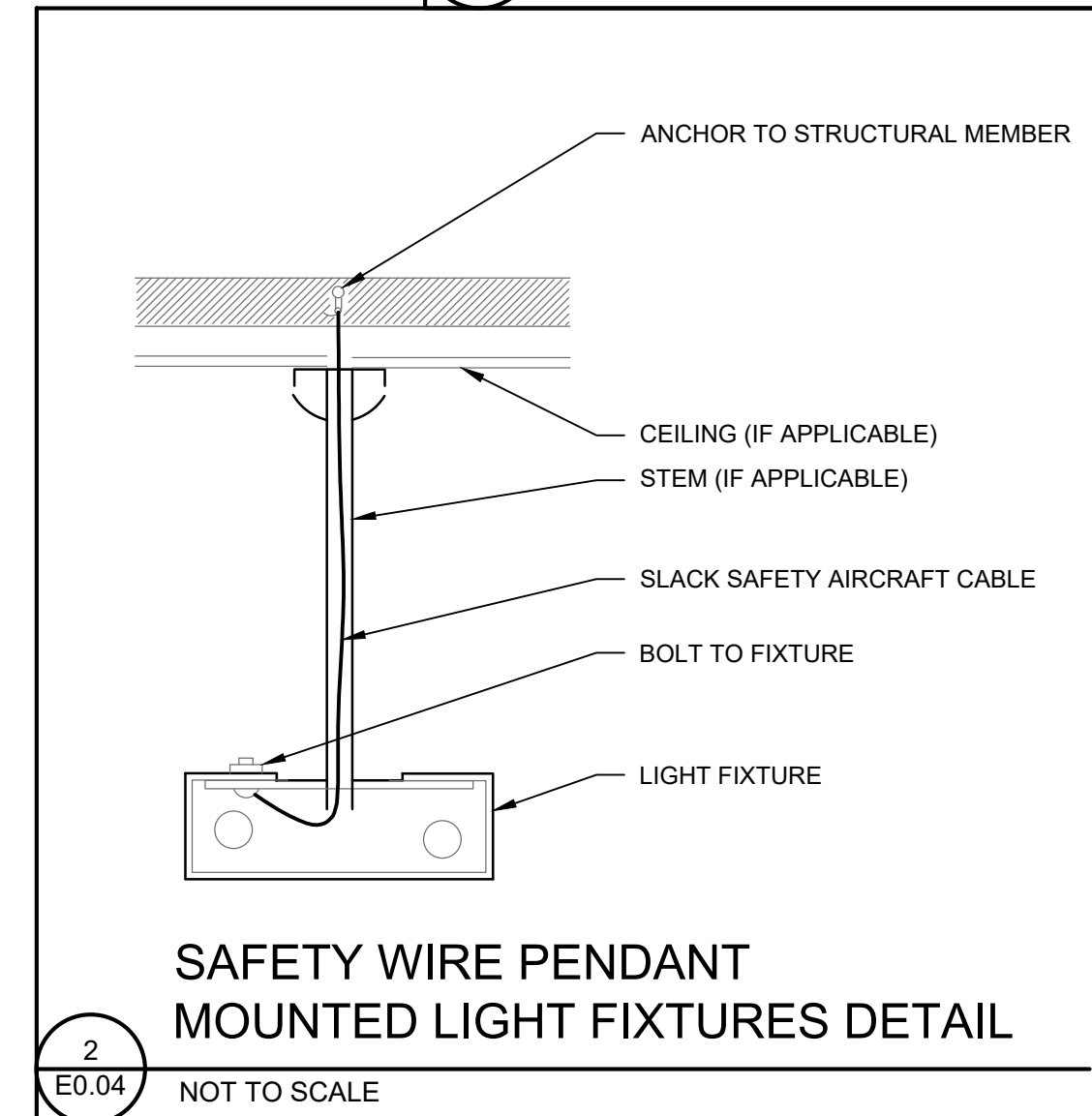
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electrical lighting control details		DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by	date
mark	date description	EDM	07/01/2020
		48 SOUTH MAIN STREET, 2ND FLOOR	scale
		UNIONVILLE, CT	N.T.S.
		project	drawn by
		60 STATE STREET	SGG
		WETHERSFIELD RETROFIT LIGHTING FIXTURE & CONTROLS DEMO	approved by
			SGG
			drawing no.
		WETHERSFIELD, CT	
CAD no.	project no.		
E003.dwg	BL-MM-58		

ROOM CONTROLLER SCHEDULE						
AREA	ZONE #	FIXTURES CONTROLLED	DAYLIGHT HARVEST?	MOTION SENSOR CONTROL ?	DIMMING TYPE	
INSPECTION GARAGE 001	a	Type 'F' fixtures West	YES	YES	0-10V	
	b	Type 'F' fixtures Center	NO	YES	0-10V	
	c	Type 'F' fixtures East	YES	YES	0-10V	
	d	Type 'H' fixture	YES	YES	N/A	
HEARING UNITS 170	a	General Lighting South	NO	YES	0-10V	
	b	General Lighting North	NO	YES	0-10V	
	c	Daylight Harvesting Zone	YES	YES	0-10V	
	d	SPARE	N/A	N/A	N/A	
DEALERS & REPAIRS 102 &	a	Dealers & Repairs Daylight Harv	YES	YES	0-10V	
	b	Dealers & Repairs General Ltg	NO	YES	0-10V	
	c	Open Office Daylight Harv	YES	YES	0-10V	
	d	Open Office General Ltg	NO	YES	0-10V	
CVSD ADMIN 145 & CORRIDOR 146D	a	General Lighting North	NO	YES	0-10V	
	b	General Lighting South	NO	YES	0-10V	
	c	Display Lighting 1	NO	YES	0-10V	
	d	Display Lighting 2	NO	YES	0-10V	
PUBLIC ROOM 248 (NORTH)	a	NW Daylight Harvesting	YES	YES	0-10V	
	b	W Daylight Harvesting	YES	YES	0-10V	
	c	NE Daylight Harvesting	YES	YES	0-10V	
	d	E Daylight Harvesting	YES	YES	0-10V	
	e	General Lighting (West)	NO	YES	0-10V	
	f	General Lighting (Center)	NO	YES	0-10V	
	g	Strip Lighting	NO	YES	0-10V	
	h	General Lighting (East)	NO	YES	0-10V	
PUBLIC ROOM 248 (SOUTH)	a	General Lighting (East)	NO	YES	0-10V	
	b	General Lighting (North)	NO	YES	0-10V	
	c	General Lighting (West)	NO	YES	0-10V	
	d	General Lighting (South)	NO	YES	0-10V	
COPY REC INSURANCE COMPLIANCE 262/263	a	N Daylight Harvesting	YES	YES	0-10V	
	b	E Daylight Harvesting	YES	YES	0-10V	
	c	General Lighting Zone 1	NO	YES	0-10V	
	d	General Lighting Zone 2	NO	YES	0-10V	
	e	General Lighting Zone 3	NO	YES	0-10V	
	f	General Lighting Zone 4	NO	YES	0-10V	
	g	Break Area	NO	YES	0-10V	
	h	SPARE	N/A	N/A	N/A	
OPEN OFFICE 239/241	a	Daylight Harvesting 1	YES	YES	0-10V	
	b	General Lighting (Center 1)	NO	YES	0-10V	
	c	General Lighting (East)	NO	YES	0-10V	
	d	Daylight Harvesting 2	YES	YES	0-10V	
	e	General Lighting (West)	NO	YES	0-10V	
	f	General Lighting (Center 2)	NO	YES	0-10V	
	g	SPARE	N/A	N/A	N/A	
	h	SPARE	N/A	N/A	N/A	
MAIN COMPUTER RM 340	a	Daylight Harvesting North	YES	YES	0-10V	
	b	Daylight Harvesting West	YES	YES	0-10V	
	c	General Lighting (North)	NO	YES	0-10V	
	d	General Lighting (South)	NO	YES	0-10V	
APPLICATION DEV 342	a	Daylight Harvesting North	YES	YES	0-10V	
	b	Daylight Harvesting East	YES	YES	0-10V	
	c	General Lighting (North)	NO	YES	0-10V	
	d	General Lighting (South)	NO	YES	0-10V	
DRIVER SERVICES 327 / 329	a	Daylight Harvesting East 1	YES	YES	0-10V	
	b	Daylight Harvesting East 2	YES	YES	0-10V	
	c	Daylight Harvesting South	YES	YES	0-10V	
	d	General Lighting 329 East	NO	YES	0-10V	
	e	General Lighting 329 North	NO	YES	0-10V	
APPLICATION DEV 331	a	Daylight Harvesting Zone	YES	YES	0-10V	
	b	General Lighting West	NO	YES	0-10V	
	c	General Lighting East	NO	YES	0-10V	
	d	SPARE	N/A	N/A	N/A	
ROOM 305 - DATA PREP, ACCIDENT REPORT INFO, INSURANCE HISTORY	a	Daylight Harvesting North	YES	YES	0-10V	
	b	Daylight Harvesting East	YES	YES	0-10V	
	c	Daylight Harvesting South	YES	YES	0-10V	
	d	General Lighting East	NO	YES	0-10V	
	e	General Lighting Northwest	NO	YES	0-10V	
	f	General Lighting Northeast	NO	YES	0-10V	
	g	General Lighting Southwest	NO	YES	0-10V	
	h	General Lighting Southeast	NO	YES	0-10V	
DDS 3079 / AFF ACTION 322	a	Daylight Harvesting Zone 1	YES	YES	0-10V	
	b	Daylight Harvesting Zone 2	YES	YES	0-10V	
	c	General Lighting Zone 1	NO	YES	0-10V	
	d	General Lighting Zone 2	NO	YES	0-10V	

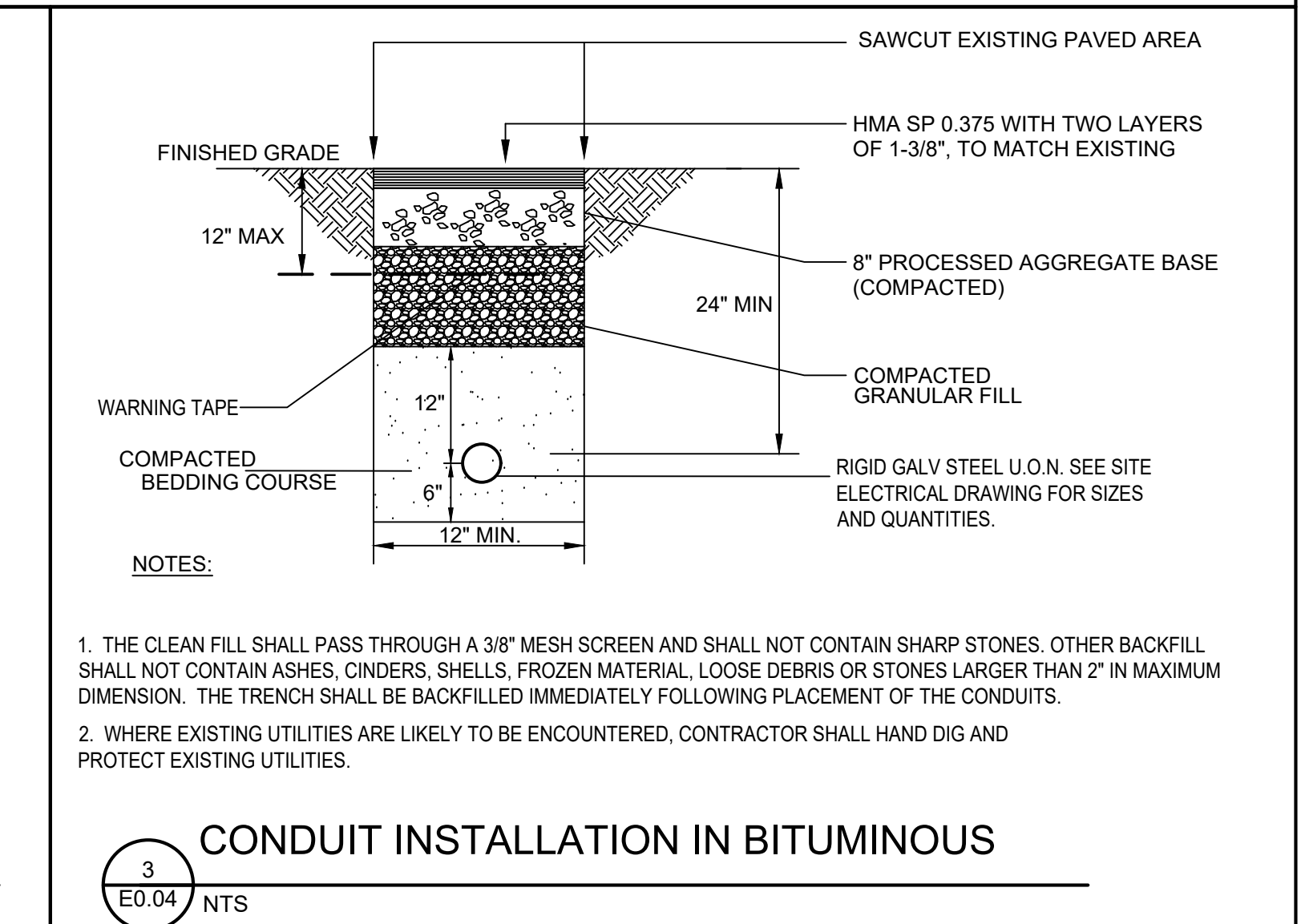
ROOM CONTROLLER KEYPAD SCHEDULE					
BUTTON LOCATION	BUTTON #	ZONES CONTROLLED	FUNCTIONS	BUTTON LABEL	NOTES
INSPECTION GARAGE 001 (NORTH)	1	a, b, c	ON/OFF/DIM	OVERHEAD	Provide weatherproof cover
	2	d	ON/OFF	FLOOD	"
	3	a, b, c, d	ON/OFF	MASTER	"
INSPECTION GARAGE 001 (SOUTH)	1	a, b, c	ON/OFF/DIM	OVERHEAD	Provide weatherproof cover
	2	d	ON/OFF	FLOOD	"
	3	a, b, c, d	ON/OFF	MASTER	"
HEARING UNITS 170	1	a	ON/OFF/DIM	AREA 1	Provide lockable enclosure
	2	b, c	ON/OFF/DIM	AREA 2	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	a, b, c	ON/OFF/DIM	MASTER	lockable enclosure
DEALERS & REPAIRS 102	1	a, b	ON/OFF/DIM	AREA 1	Provide lockable enclosure
	2	c, d	ON/OFF/DIM	AREA 2	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	a, b, c, d	ON/OFF/DIM	MASTER	lockable enclosure
OPEN OFFICE 115A	1	a, b	ON/OFF/DIM	AREA 1	Provide lockable enclosure
	2	c, d	ON/OFF/DIM	AREA 2	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	a, b, c, d	ON/OFF/DIM	MASTER	lockable enclosure
CVSD ADMIN 145 & CORRIDOR 146D	1	a	ON/OFF/DIM	AREA 1	Provide lockable enclosure
	2	b	ON/OFF/DIM	AREA 2	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	d	ON/OFF/DIM	AREA 3	lockable enclosure
	4	c	ON/OFF/DIM	DISPLAY	"
	5	a, b, c, d	ON/OFF/DIM	MASTER	"
PUBLIC ROOM 248 (NORTH)	1	a, b, e	ON/OFF/DIM	WEST	Provide lockable enclosure
	2	f, g	ON/OFF/DIM	CENTER	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	c, d, h	ON/OFF/DIM	EAST	lockable enclosure
	4	a, b, c, d, e, f, g, h	ON/OFF/DIM	MASTER	"
PUBLIC ROOM 248 (SOUTH)	1	d, b	ON/OFF/DIM	CENTER	Provide lockable enclosure
	2	c	ON/OFF/DIM	WEST	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	a	ON/OFF/DIM	EAST	lockable enclosure
	4	a, b, c, d	ON/OFF/DIM	MASTER	"
COPY REC INSURANCE COMPLIANCE 262	1	a, c	ON/OFF/DIM	AREA 1	Provide lockable enclosure
	2	b, d	ON/OFF/DIM	AREA 2	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	e	ON/OFF/DIM	AREA 3	lockable enclosure
	4	f, g	ON/OFF/DIM	AREA 4	"
	5	a, b, c, d, e, f, g	ON/OFF/DIM	MASTER	"
COPY REC INSURANCE COMPLIANCE 263	1	a, c	ON/OFF/DIM	AREA 1	Provide lockable enclosure
	2	b, d	ON/OFF/DIM	AREA 2	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	e	ON/OFF/DIM	AREA 3	lockable enclosure
	4	f, g	ON/OFF/DIM	AREA 4	"
	5	a, b, c, d, e, f, g	ON/OFF/DIM	MASTER	"
OPEN OFFICE 239/241	1	c, d	ON/OFF/DIM	AREA 1	Provide lockable enclosure
	2	a, b	ON/OFF/DIM	AREA 2	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	f	ON/OFF/DIM	AREA 3	lockable enclosure
	4	e	ON/OFF/DIM	AREA 4	"
	5	a, b, c, d, e, f	ON/OFF/DIM	MASTER	"
MAIN COMPUTER RM 340	1	a, c	ON/OFF/DIM	AREA 1	
	2	b, d	ON/OFF/DIM	AREA 2	
	3	a, b, c, d	ON/OFF/DIM	MASTER	
APPLICATION DEV 342	1	a, b, c	ON/OFF/DIM	AREA 1	Provide lockable enclosure
	2	d	ON/OFF/DIM	AREA 2	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	a, b, c, d	ON/OFF/DIM	MASTER	lockable enclosure
DRIVER SERVICES 329	1	a, d	ON/OFF/DIM	AREA 1	Provide lockable enclosure
	2	e	ON/OFF/DIM	AREA 2	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	f	ON/OFF/DIM	AREA 3	lockable enclosure
	4	a, d, e, f	ON/OFF/DIM	MASTER	"
DRIVER SERVICES 327	1	b, g	ON/OFF/DIM	AREA 1	Provide lockable enclosure
	2	h, c	ON/OFF/DIM	AREA 2	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	b, c, g, h	ON/OFF/DIM	MASTER	lockable enclosure
APPLICATION DEV 331	1	a, b	ON/OFF/DIM	AREA 1	Provide lockable enclosure
	2	c, d	ON/OFF/DIM	AREA 2	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	a, b, c, d	ON/OFF/DIM	MASTER	lockable enclosure
ROOM 305 - DATA PREP, ACCIDENT REPORT INFO, INSURANCE HISTORY	1	d	ON/OFF/DIM	AREA 1	Provide lockable enclosure
	2	c, g, h	ON/OFF/DIM	AREA 2	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	a, b, e, f	ON/OFF/DIM	AREA 3	lockable enclosure
	4	a, b, c, d, e, f, g, h	ON/OFF/DIM	MASTER	"
AFFIRMATIVE ACTION 322	1	b, d	ON/OFF/DIM	AREA 1	Provide lockable enclosure
	2	a, c	ON/OFF/DIM	AREA 2	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	a, b, c, d	ON/OFF/DIM	MASTER	lockable enclosure
DIR OF DRIVER SVCS 309	1	a, c	ON/OFF/DIM	AREA 1	Provide lockable enclosure
	2	b, d	ON/OFF/DIM	AREA 2	Provide additional master 100% ON / 100% OFF keypad adjacent to
	3	a, b, c, d	ON/OFF/DIM	MASTER	lockable enclosure



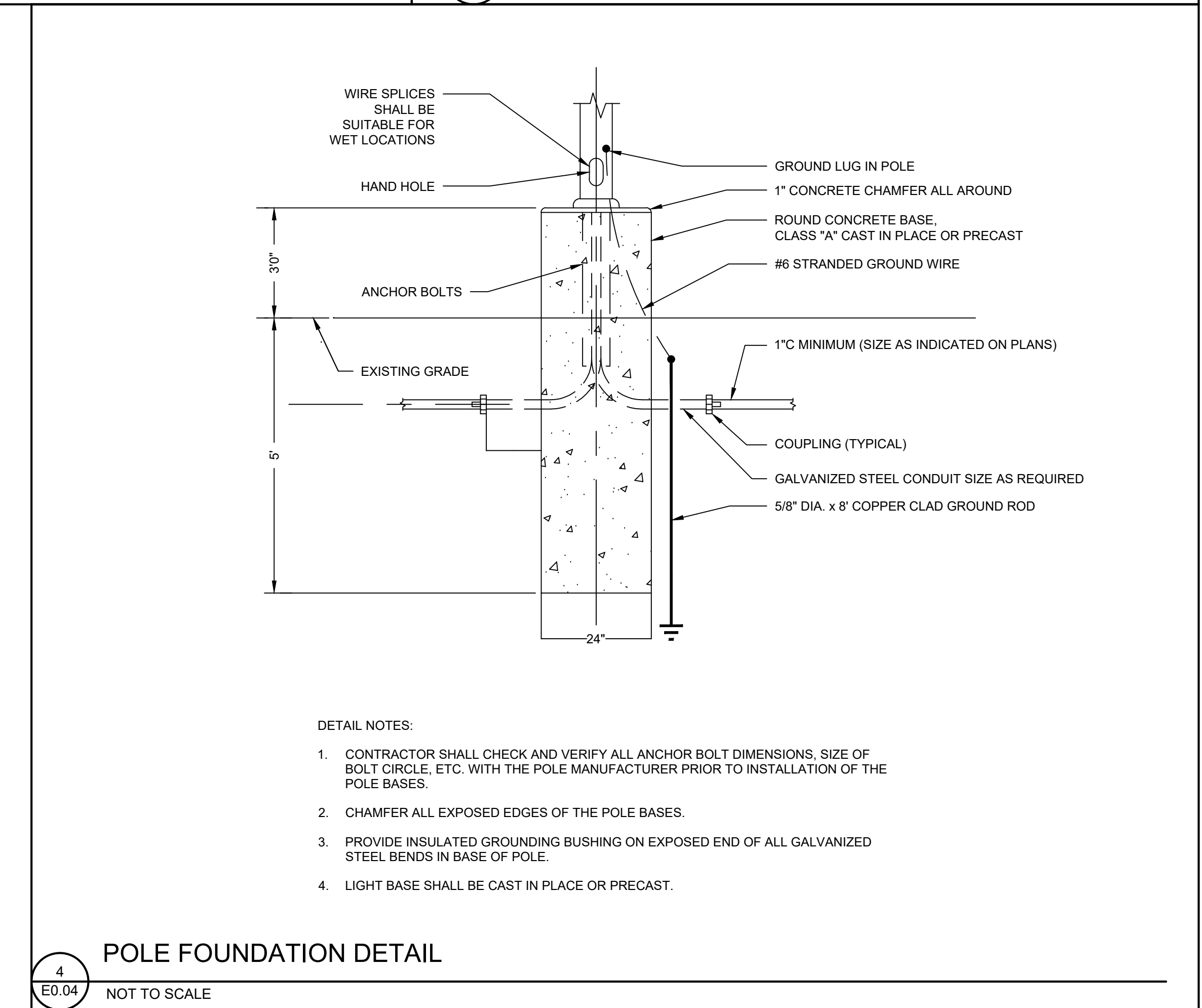
1 E0.04 NOT TO SCALE



2 E0.04 NOT TO SCALE



3 E0.04 NTS

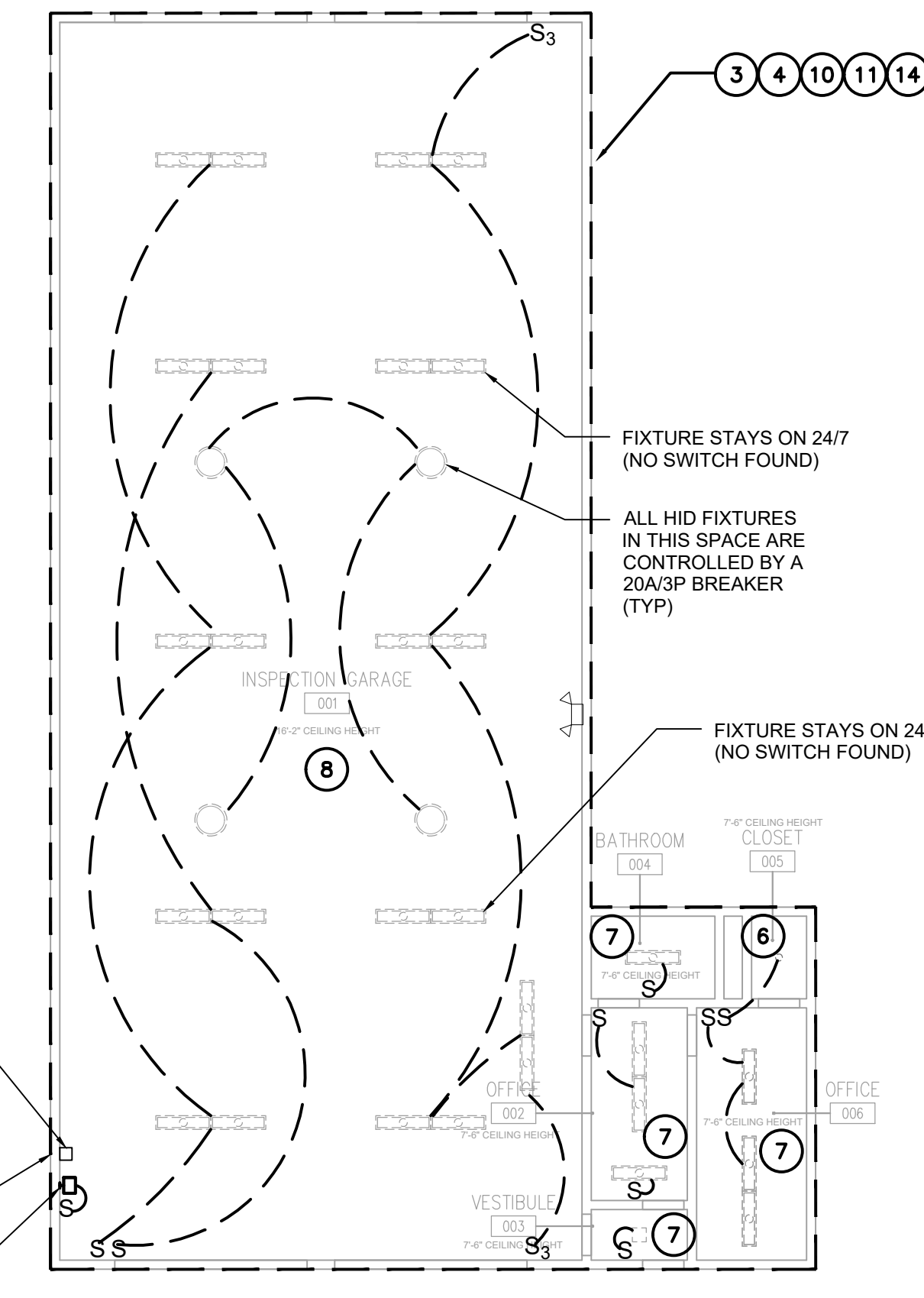


4 E0.04 NOT TO SCALE

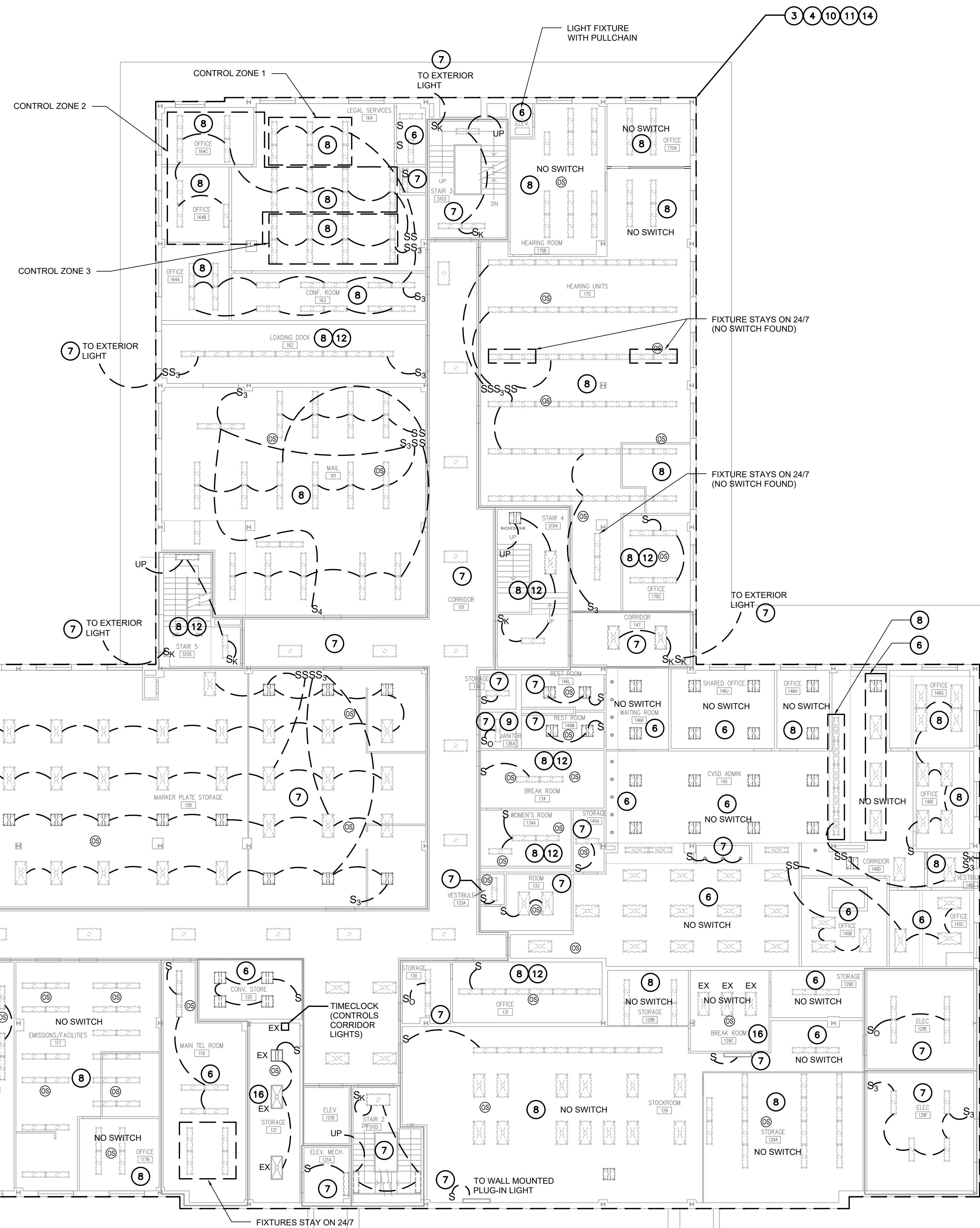
drawing title electrical details & lighting control schedules		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by EDM	date 07/01/2020
	mark date description	48 SOUTH MAIN STREET, 2ND FLOOR LIMONVILLE, CT	scale N.T.S.
		project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT	drawn by SGG
		WETHERSFIELD, CT	approved by SGG
		CAD no. E004.dwg	drawing no. E0.04
		project no. BI-MM-58	

KEYED NOTES ④

1. THIS SPACE HAS BEEN RECENTLY RENOVATED. EXISTING LIGHTING AND LIGHTING CONTROLS ARE TO REMAIN.
2. LIGHTING FIXTURES IN THIS AREA HAVE RECENTLY BEEN REPLACED WITH LED TYPE AND ARE TO REMAIN. MOTION SENSORS ARE TO BE REPLACED AND RE-WIRED AS INDICATED ON NEW WORK PLAN.
3. REMOVE ALL EXISTING MOTION SENSORS AND LIGHT SWITCHES IN THE BUILDING UNLESS OTHERWISE NOTED, INCLUDING ASSOCIATED CONTROL WIRING. LINE VOLTAGE WIRING & POWER PACK(S). RESTORE CONTINUITY TO LIGHTING CIRCUITS TO PREPARE FOR NEW LIGHTING CONTROL SCHEME INDICATED ON NEW WORK PLANS. ALL SWITCHES INDICATED TO BE IN SAME LOCATIONS AS EXISTING SHALL BE REPLACED WITH NEW 0-10V DIMMER SWITCHES.
4. REMOVE ALL EXISTING LIGHT FIXTURES IN THE BUILDING UNLESS OTHERWISE NOTED. EXISTING LINE VOLTAGE SOURCE WIRING AND SWITCHED CIRCUIT WIRING MAY BE RE-USED WHERE POSSIBLE. ALTHOUGH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RE-WIRING REQUIRED TO ACCOMPLISH LIGHTING CONTROL SCHEMES INDICATED ON NEW WORK PLANS. NOTE EXISTING FIXTURE INFO (QUANTITY, WATTAGE, ETC) FOR REBATE PAPERWORK.
5. REMOVE EXISTING LOW VOLTAGE KEYPAD, LIGHTING RELAYS AND ROOM CONTROLLER IN THIS SPACE.
6. EXISTING LIGHTING FIXTURES ARE TO BE REPLACED WITH NEW LIGHTING FIXTURES IN THE SAME LOCATIONS IN THIS AREA, UNLESS OTHERWISE NOTED. LOCATIONS AND QUANTITIES OF LIGHT SWITCHES WILL BE DIFFERENT THAN EXISTING. RE-WIRE FIXTURES AS REQUIRED TO ACCOMPLISH LIGHTING CONTROL SCHEME NOTED ON NEW WORK PLANS. EXISTING LINE VOLTAGE SOURCE AND SWITCHED WIRING MAY BE RE-USED WHERE POSSIBLE.
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8. NEW LIGHTING FIXTURE LOCATIONS AND QUANTITIES IN THIS AREA WILL BE DIFFERENT THAN EXISTING. LOCATIONS AND QUANTITIES OF LIGHT SWITCHES WILL BE DIFFERENT THAN EXISTING. UNLESS OTHERWISE NOTED WITH KEYNOTE 12. RE-WIRE FIXTURES AS REQUIRED TO ACCOMPLISH LIGHTING CONTROL SCHEME NOTED ON NEW WORK PLANS. EXISTING LINE VOLTAGE SOURCE AND SWITCHED WIRING MAY BE RE-USED WHERE POSSIBLE.
9. NM CABLE (A.K.A. "ROMEX") IS KNOWN TO EXIST THROUGHOUT THIS SPACE. CONTRACTOR SHALL REMOVE AND REPLACE ALL ROMEX IN THIS ROOM WITH NEW #12 AWG THW-2 CONDUCTORS IN RACEWAYS, INCLUDING ALL ASSOCIATED BONDING REQUIRED.
10. IT SHOULD BE NOTED THAT MANY ROOMS HAVE FIXTURES THAT ARE ON 24/7. WITH NO SWITCH OR MOTION SENSOR CONTROL. CONTRACTOR SHALL RE-WIRE FIXTURES WHEN ENCOUNTERED, AS REQUIRED TO ACCOMPLISH LIGHTING CONTROL SCHEME NOTED ON NEW WORK PLANS.
11. ALL EXISTING SITE LIGHTING TIMELOCKS, PHOTOCELLS AND CONTACTORS SHALL REMAIN UNLESS OTHERWISE NOTED.
12. LOCATIONS AND QUANTITIES OF LIGHT SWITCHES SHALL REMAIN THE SAME AS EXISTING IN THIS LOCATION.
13. REPLACE EXISTING LIGHT SWITCHES WITH DIMMER SWITCHES. FIELD VERIFY DIMMING TECHNOLOGY OF EXISTING FIXTURES.
14. TRACE ALL EXISTING WIRING THAT SERVES LIGHTING WITHIN EACH SPACE TO DETERMINE EXACT EXISTING ARRANGEMENT OF POWER SOURCE AND SWITCHED WIRING. NOTIFY ENGINEER IF ANY ONE 120 VOLT CIRCUIT IS ANTICIPATED TO EXCEED 1,650 WATTS OF LOAD OR IF ANY 277 VOLT CIRCUIT IS ANTICIPATED TO EXCEED 3,750 WATTS OF LOAD AFTER INSTALLATION OF NEW LIGHTING.
15. RELOCATE EXISTING SECURITY CAMERAS TO ACCOMMODATE NEW LIGHTING FIXTURE LAYOUT IN THIS AREA.
16. EXISTING LIGHT FIXTURES IN THIS AREA ARE LED AND ARE TO REMAIN. REMOVE EXISTING LIGHT SWITCHES AND/OR MOTION SENSORS.

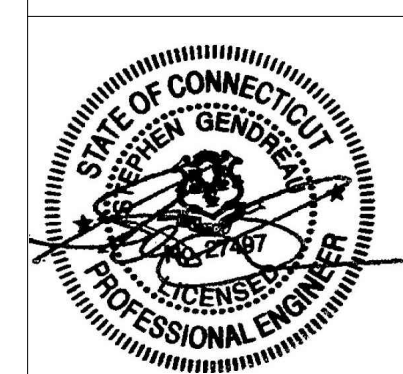


② inspection building plan
3/32" = 1'-0"



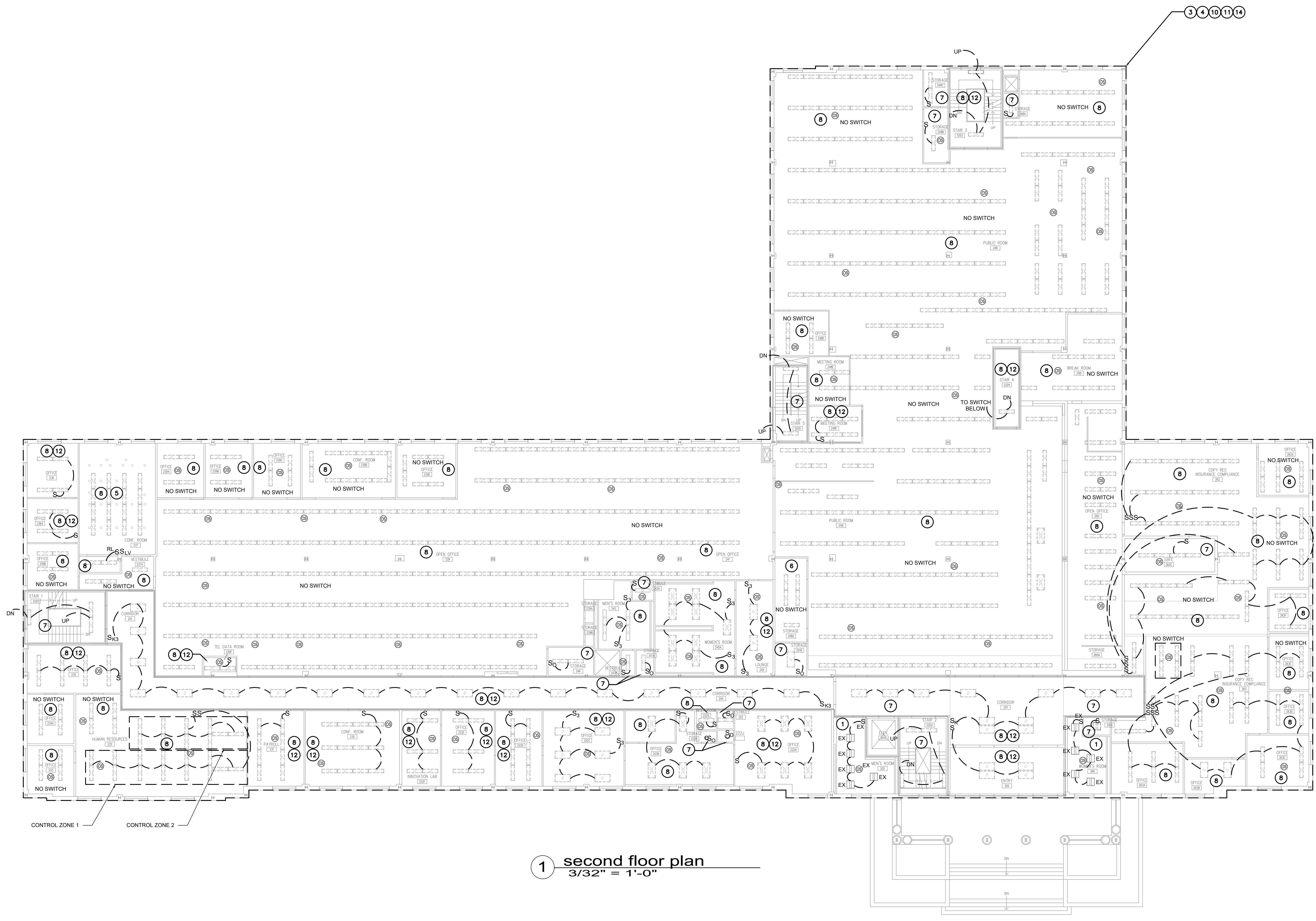
① first floor plan
3/32" = 1'-0"

drawing title first floor and inspection building lighting demolition plan		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by EDM 48 SOUTH MAIN STREET, 2ND FLOOR UNIONVILLE, CT	date 07/01/2020
	mark date description	project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT	scale 3/32" = 1'-0"
		WETHERSFIELD, CT	drawn by SGG
		CAD no. ED101.dwg	approved by SGG
		project no. BL-MM-58	drawing no. ED1.01



KEYED NOTES

1. THIS SPACE HAS BEEN RECENTLY RENOVATED. EXISTING LIGHTING AND LIGHTING CONTROLS ARE TO REMAIN.
2. LIGHTING FIXTURES IN THIS AREA HAVE RECENTLY BEEN REPLACED WITH LED TYPE AND ARE TO REMAIN. MOTION SENSORS ARE TO BE REPLACED AND RE-WIRED AS INDICATED ON NEW WORK PLAN.
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6. EXISTING LIGHTING FIXTURES ARE TO BE REPLACED WITH NEW LIGHTING FIXTURES IN THE SAME LOCATIONS IN THIS AREA, UNLESS OTHERWISE NOTED. LOCATIONS AND QUANTITIES OF LIGHT SWITCHES WILL BE DIFFERENT THAN EXISTING. RE-WIRE FIXTURES AS REQUIRED TO ACCOMPLISH LIGHTING CONTROL SCHEME NOTED ON NEW WORK PLANS. EXISTING LINE VOLTAGE SOURCE AND SWITCHED WIRING MAY BE RE-USED WHERE POSSIBLE.
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14. TRACE ALL EXISTING WIRING THAT SERVES LIGHTING WITHIN EACH SPACE TO DETERMINE EXACT EXISTING ARRANGEMENT OF POWER SOURCE AND SWITCHED WIRING. NOTIFY ENGINEER IF ANY ONE 120 VOLT CIRCUIT IS ANTICIPATED TO EXCEED 1,650 WATTS OF LOAD OR IF ANY 277 VOLT CIRCUIT IS ANTICIPATED TO EXCEED 3,750 WATTS OF LOAD AFTER INSTALLATION OF NEW LIGHTING.
15. RELOCATE EXISTING SECURITY CAMERAS TO ACCOMMODATE NEW LIGHTING FIXTURE LAYOUT IN THIS AREA.
16. EXISTING LIGHT FIXTURES IN THIS AREA ARE LED AND ARE TO REMAIN. REMOVE EXISTING LIGHT SWITCHES AND/OR MOTION SENSORS.

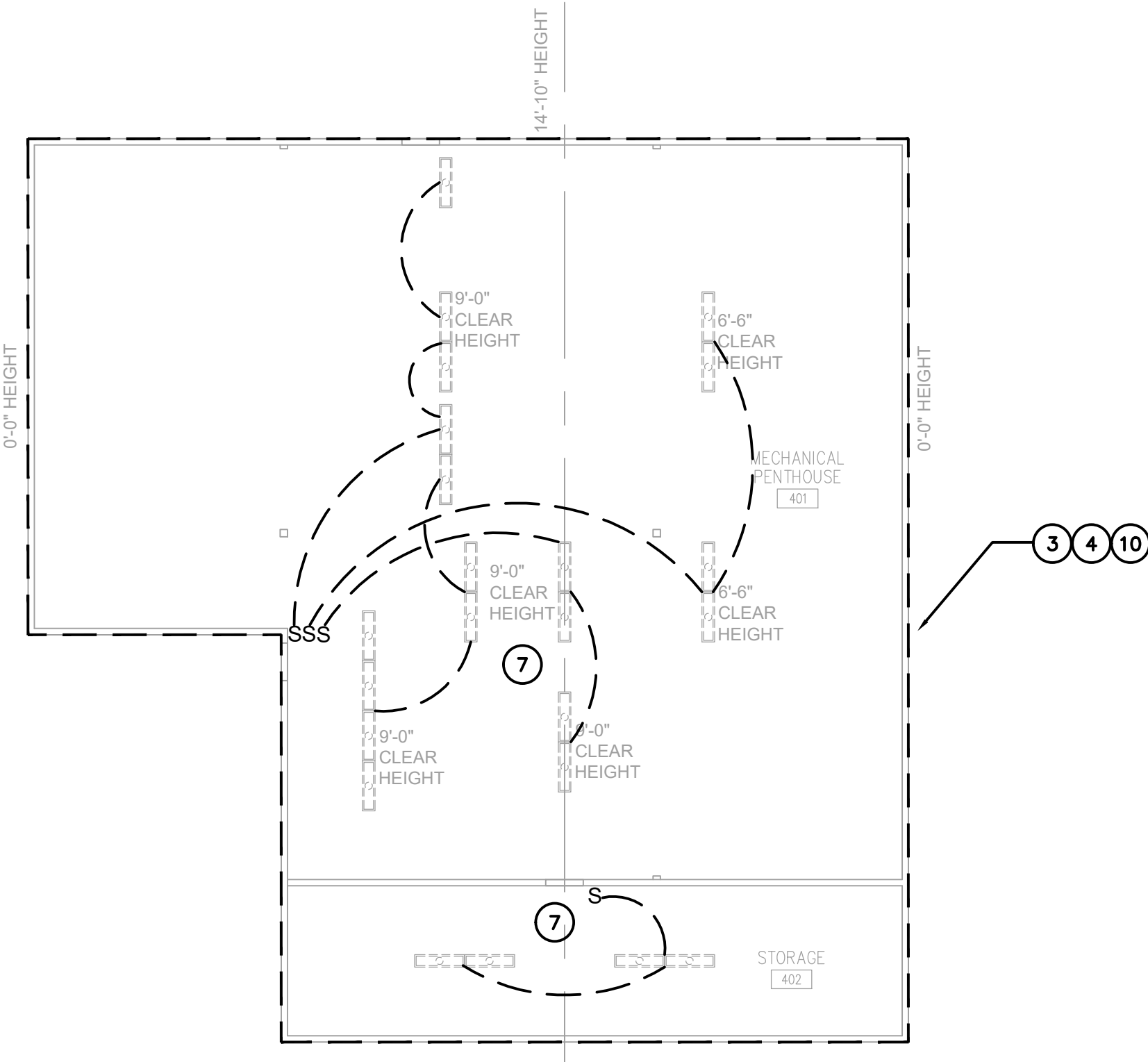


1 second floor plan
3/32" = 1'-0"

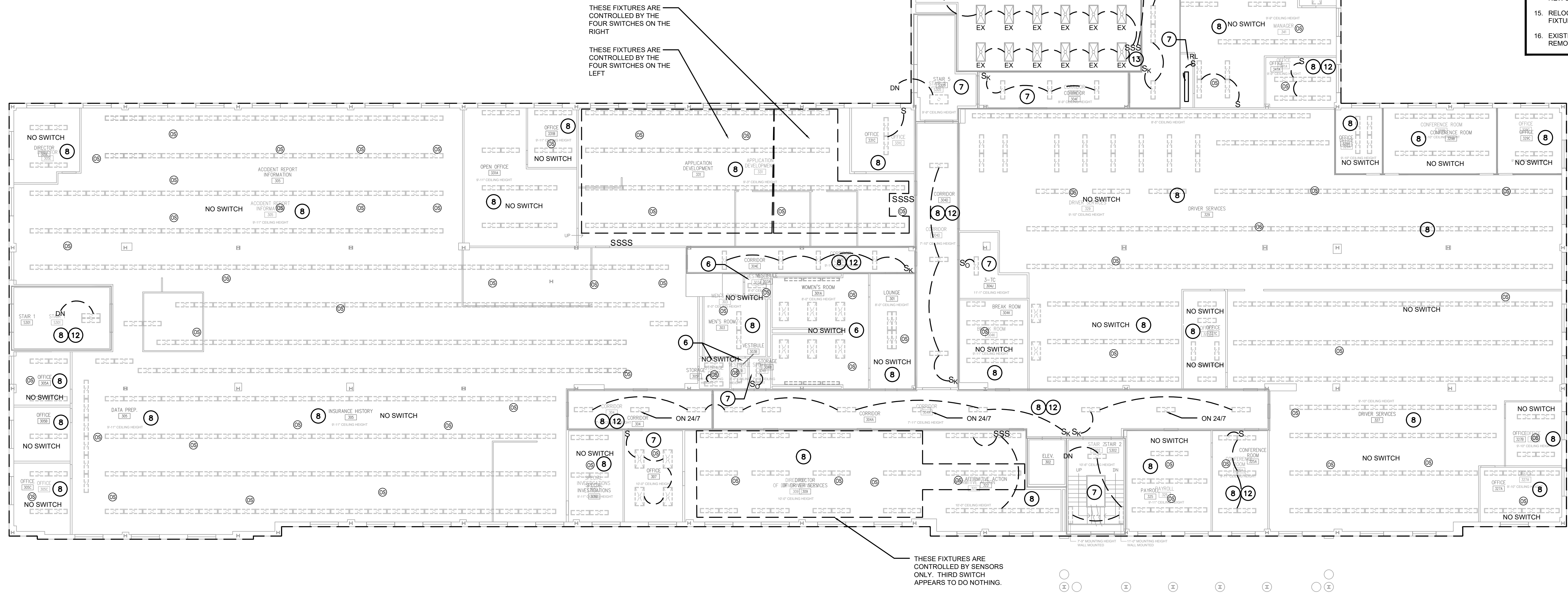
drawing title second floor lighting demolition plan		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by EDM 48 SOUTH MAIN STREET, 2ND FLOOR LIMONVILLE, CT	date 07/01/2020
	mark	date	description
	project	60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT	
	approved by	SGG	
WETHERSFIELD, CT	project no. BI-MM-58	drawing no. ED1.02	

KEYED NOTES

1. THIS SPACE HAS BEEN RECENTLY RENOVATED. EXISTING LIGHTING AND LIGHTING CONTROLS ARE TO REMAIN.
2. LIGHTING FIXTURES IN THIS AREA HAVE RECENTLY BEEN REPLACED WITH LED TYPE AND ARE TO REMAIN. MOTION SENSORS ARE TO BE REPLACED AND RE-WIRED AS INDICATED ON NEW WORK PLAN.
3. REMOVE ALL EXISTING MOTION SENSORS AND LIGHT SWITCHES IN THE BUILDING UNLESS OTHERWISE NOTED, INCLUDING ASSOCIATED CONTROL WIRING. LINE VOLTAGE WIRING & POWER PACKS: RESTORE CONTINUITY TO LIGHTING CIRCUITS TO PREPARE FOR NEW LIGHTING CONTROL SCHEME INDICATED ON NEW WORK PLANS. ALL SWITCHES INDICATED TO BE IN SAME LOCATIONS AS EXISTING SHALL BE REPLACED WITH NEW 0-10V DIMMER SWITCHES.
4. REMOVE ALL EXISTING LIGHT FIXTURES IN THE BUILDING UNLESS OTHERWISE NOTED. EXISTING LINE VOLTAGE SOURCE WIRING AND SWITCHED CIRCUIT WIRING MAY BE RE-USED WHERE POSSIBLE, ALTHOUGH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RE-WIRING REQUIRED TO ACCOMPLISH LIGHTING CONTROL SCHEMES INDICATED ON NEW WORK PLANS. NOTE EXISTING FIXTURE INFO (QUANTITY, WATTAGE, ETC) FOR REBATE PAPERWORK.
5. REMOVE EXISTING LOW VOLTAGE KEYPAD, LIGHTING RELAYS AND ROOM CONTROLLER IN THIS SPACE.
6. EXISTING LIGHTING FIXTURES ARE TO BE REPLACED WITH NEW LIGHTING FIXTURES IN THE SAME LOCATIONS IN THIS AREA, UNLESS OTHERWISE NOTED. LOCATIONS AND QUANTITIES OF LIGHT SWITCHES WILL BE DIFFERENT THAN EXISTING. RE-WIRE FIXTURES AS REQUIRED TO ACCOMPLISH LIGHTING CONTROL SCHEME NOTED ON NEW WORK PLANS. EXISTING LINE VOLTAGE SOURCE AND SWITCHED WIRING MAY BE RE-USED WHERE POSSIBLE.
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10. IT SHOULD BE NOTED THAT MANY ROOMS HAVE FIXTURES THAT ARE ON 24/7. WITH NO SWITCH OR MOTION SENSOR CONTROL. CONTRACTOR SHALL RE-WIRE FIXTURES WHEN ENCOUNTERED, AS REQUIRED TO ACCOMPLISH LIGHTING CONTROL SCHEME NOTED ON NEW WORK PLANS.
11. ALL EXISTING SITE LIGHTING TIMECLOCKS, PHOTOCELLS AND CONTACTORS SHALL REMAIN UNLESS OTHERWISE NOTED.
12. LOCATIONS AND QUANTITIES OF LIGHT SWITCHES SHALL REMAIN THE SAME AS EXISTING IN THIS LOCATION.
13. REPLACE EXISTING LIGHT SWITCHES WITH DIMMER SWITCHES. FIELD VERIFY DIMMING TECHNOLOGY OF EXISTING FIXTURES.
14. TRACE ALL EXISTING WIRING THAT SERVES LIGHTING WITHIN EACH SPACE TO DETERMINE EXACT EXISTING ARRANGEMENT OF POWER SOURCE AND SWITCHED WIRING. NOTIFY ENGINEER IF ANY ONE 120 VOLT CIRCUIT IS ANTICIPATED TO EXCEED 1,650 WATTS OF LOAD OR IF ANY 277 VOLT CIRCUIT IS ANTICIPATED TO EXCEED 3,750 WATTS OF LOAD AFTER INSTALLATION OF NEW LIGHTING.
15. RELOCATE EXISTING SECURITY CAMERAS TO ACCOMMODATE NEW LIGHTING FIXTURE LAYOUT IN THIS AREA.
16. EXISTING LIGHT FIXTURES IN THIS AREA ARE LED AND ARE TO REMAIN. REMOVE EXISTING LIGHT SWITCHES AND/OR MOTION SENSORS.



2 mechanical penthouse plan
3/32" = 1'-0"

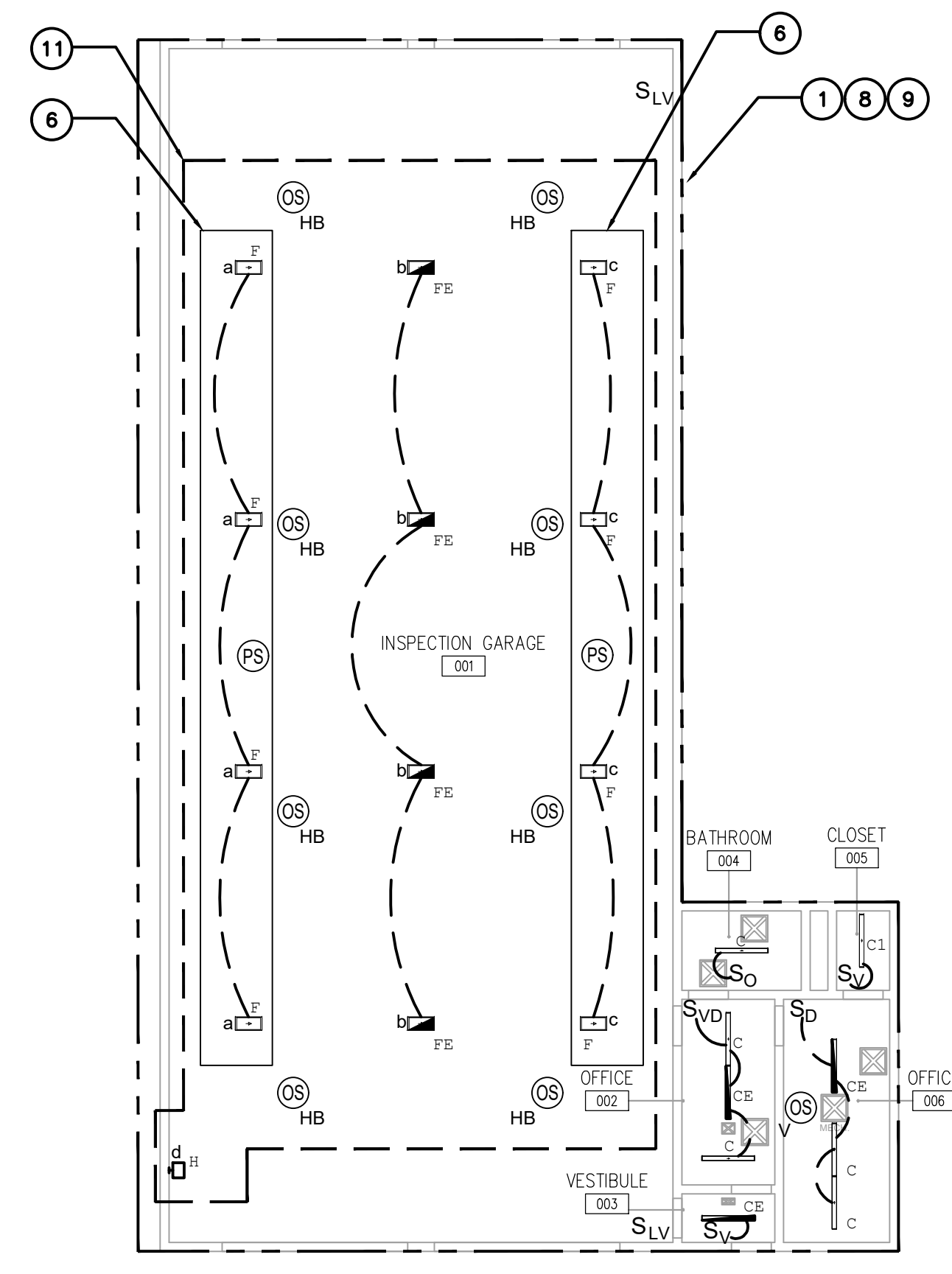


1 third floor plan
3/32" = 1'-0"

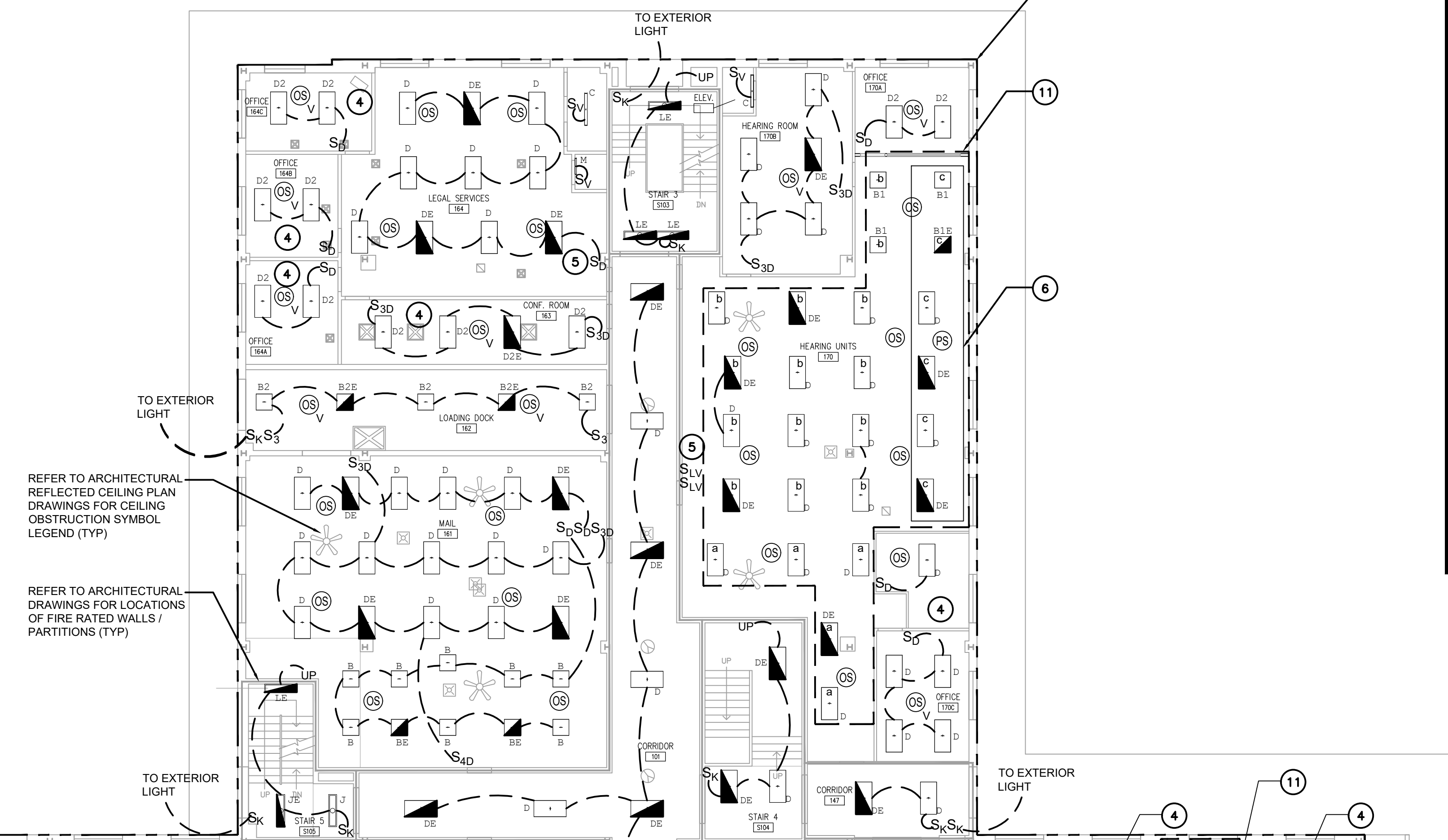
drawing title third floor and mechanical penthouse lighting demolition plan		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by EDM 48 SOUTH MAIN STREET, 2ND FLOOR LIMONVILLE, CT	date 07/01/2020
	mark	date	scale 3/32" = 1'-0"
	description	project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT	drawn by SGG
		WETHERSFIELD, CT	approved by SGG
CAD no. ED103.dwg	project no. BLMM-58		drawing no. ED1.03

KEYED NOTES

- IN AREAS WITH CEILING MOTION SENSORS, INCLUDE FOR THE INSTALLATION ONE POWER PACK (BASIS OF DESIGN IS CRESTRON GLPP, UNLESS OTHERWISE NOTED TO BE PROVIDED WITH A CRESTRON GLPAC ROOM CONTROLLER FOR EACH EXISTING SWITCHED CIRCUIT, SINCE IT IS UNKNOWN HOW MANY LINE VOLTAGE CIRCUITS FEED EACH SPACE. CONTRACTOR MAY REDUCE QUANTITY OF POWER PACKS IF IT IS DISCOVERED VIA FIELD VERIFICATION DURING CONSTRUCTION THAT MULTIPLE SWITCHED CIRCUITS SHARE THE SAME LINE VOLTAGE SOURCE CIRCUIT. SWITCHES IN THESE SPACES SHALL BE DIGITAL KEYPADS.
- THE EXACT QUANTITY OF EXISTING LIGHTING BRANCH CIRCUITS THAT SERVES THIS AREA IS UNKNOWN. ASSUME 8 SOURCE CIRCUITS FOR THE PURPOSES OF BIDDING. TO BE VERIFIED IN THE FIELD. PROVIDE AN 8-ZONE ROOM CONTROLLER (CRESTRON GLPAC IS BASIS OF DESIGN) MOUNTED ABOVE THE CEILING OR IN A NEARBY ELECTRICAL ROOM - SEE DETAIL 14E0.03. PROVIDE DEVICE QUANTITIES AS INDICATED. SEE DRAWING E0.04 FOR CONTROL SCHEDULES.
- NEW MOTION SENSORS IN THIS SPACE ARE TO CONTROL ALL SWITCHED CIRCUITS IN THIS SPACE. PROVIDE QUANTITY OF POWER PACKS AS REQUIRED (TO BE FIELD VERIFIED). ASSUME THREE POWER PACKS FOR THE PURPOSES OF BIDDING. LIGHTING FIXTURES AND SWITCHED WIRING ARE EXISTING TO REMAIN.
- SWITCHES AND MOTION SENSORS SHALL BE WIRELESS TYPE IN THIS AREA. TO ACCOMMODATE PRESENCE OF TEMPORARY PARTITION WALLS. SEE WIRELESS CONTROLS DETAILS ON DRAWING E0.03.
- PROVIDE A LOCKABLE ENCLOSURE OVER THE SWITCHES IN THIS LOCATION. ENCLOSURE KEYS SHALL BE GIVEN TO THE DESIGNATED AREA SUPERVISOR AND TO MAINTENANCE STAFF FOR LIGHT LEVEL ADJUSTMENTS. WHERE TWO KEYPADS ARE SHOWN IN THE SAME LOCATION, ONE OF THE KEYPADS SHALL BE LOCATED ADJACENT TO LOCKABLE ENCLOSURE, WHICH WILL ALLOW OCCUPANTS TO MANUALLY OVERRIDE ALL LIGHT FIXTURES TO 100% OUTPUT OR TURN THEM ALL OFF, BUT NO ABILITY TO DIM THEM.
- LIGHT FIXTURES WITHIN THIS ZONE SHALL DIM AUTOMATICALLY AS A FUNCTION OF AVAILABLE DAYLIGHT MEASURED BY THE PHOTOSENSOR FOR THIS EXPOSURE. SEE DRAWING E0.03 FOR CONTROLS DETAILS.
- INSTALL NEW 0-10V DIMMER SWITCHES IN THIS SPACE TO REPLACE EXISTING TOGGLE SWITCHES. FIELD VERIFY EXISTING DIMMING TECHNOLOGY OF LIGHT FIXTURES AND MATCH TO NEW DIMMER SWITCHES. PROVIDE NEW 0-10V DIMMING CONTROL WIRING.
- PROVIDE SURFACE METAL RACEWAY (PAINTED TO MATCH MOUNTING SURFACE) FOR ALL DEVICES IN FINISHED AREAS WHERE WIRING MUST BE EXPOSED. PROVIDE WIRING IN CONDUIT IN UNFINISHED AREAS WHERE WIRING MUST BE EXPOSED. VISIT SITE PRIOR TO BID TO DETERMINE EXTENT OF SURFACE METAL RACEWAY AND CONDUIT REQUIRED. IT SHOULD BE NOTED THAT EXPOSED CMU BLOCK WALLS ARE PRESENT THROUGHOUT THE BUILDING, INCLUDING INTERIOR FACES OF EXTERIOR WALLS, BOTH SIDES OF CORRIDOR WALLS AND MANY OTHER INTERIOR PARTITION WALLS THROUGHOUT THE BUILDING.
- PROVIDE DIMENSIONED CEILING COORDINATION DRAWINGS AS A PART OF THE SHOP DRAWING PROCESS, TO CONFIRM ALL FIXTURES CAN BE LOCATED WHERE INDICATED. DRAWINGS SHALL INDICATE ALL EXISTING CEILING TYPES, GRID LOCATIONS, CEILING OBSTRUCTIONS, ETC.
- PROVIDE A NEW VACANCY SENSOR TO CONTROL EXISTING LIGHTING IN THIS AREA. REPLACE SWITCHES. FIELD VERIFY DIMMING TECHNOLOGY (PRIOR TO INSTALLATION) WHERE DIMMER SWITCHES ARE SHOWN, TO ENSURE COMPATIBILITY. PROVIDE 0-10V DIMMING WIRING WHERE APPLICABLE.
- THE EXACT QUANTITY OF LIGHTING BRANCH CIRCUITS THAT SERVES THIS AREA IS UNKNOWN. ASSUME 4 SOURCE CIRCUITS FOR THE PURPOSES OF BIDDING. TO BE VERIFIED IN THE FIELD. PROVIDE A 4-ZONE ROOM CONTROLLER (BASIS OF DESIGN IS CRESTRON GLPAC) MOUNTED ABOVE THE CEILING OR IN A NEARBY ELECTRICAL ROOM - SEE DETAIL 13E0.03. PROVIDE DEVICE QUANTITIES AS INDICATED. SEE DRAWING E0.04 FOR CONTROL SCHEDULES.

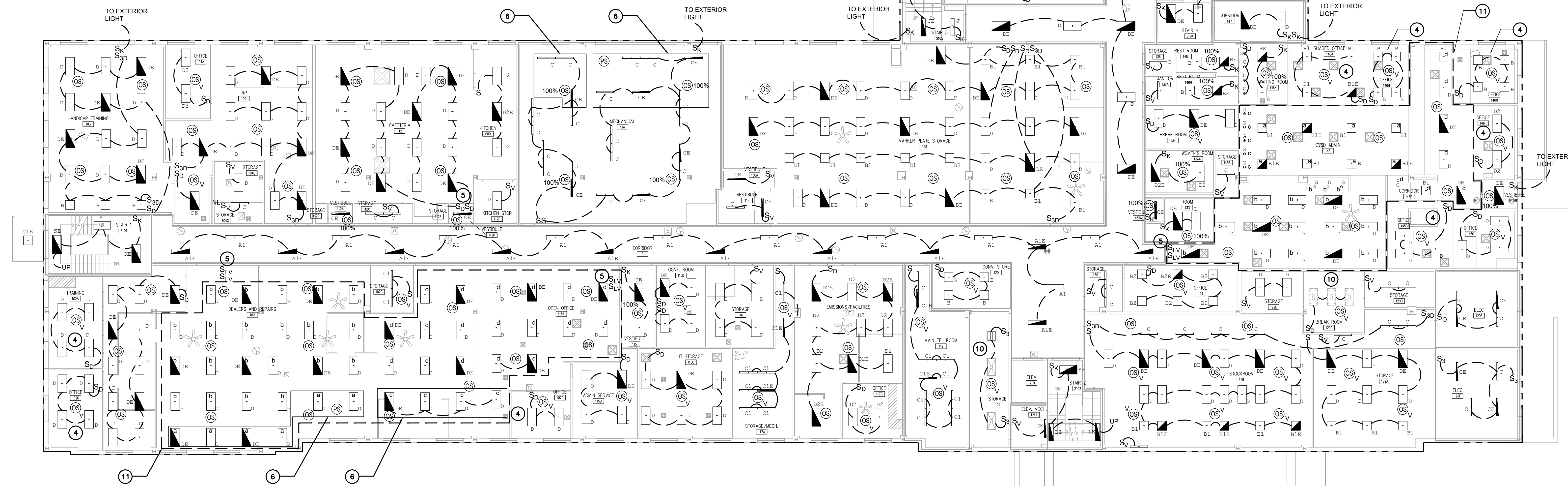


2 inspection building plan
3/32" = 1'-0"



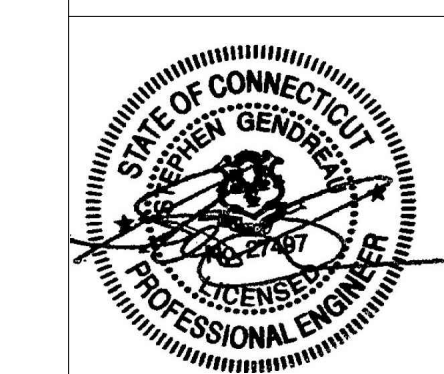
REFER TO ARCHITECTURAL REFLECTED CEILING PLAN DRAWINGS FOR CEILING OBSTRUCTION SYMBOL LEGEND (TYP)

REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FIRE RATED WALLS / PARTITIONS (TYP)



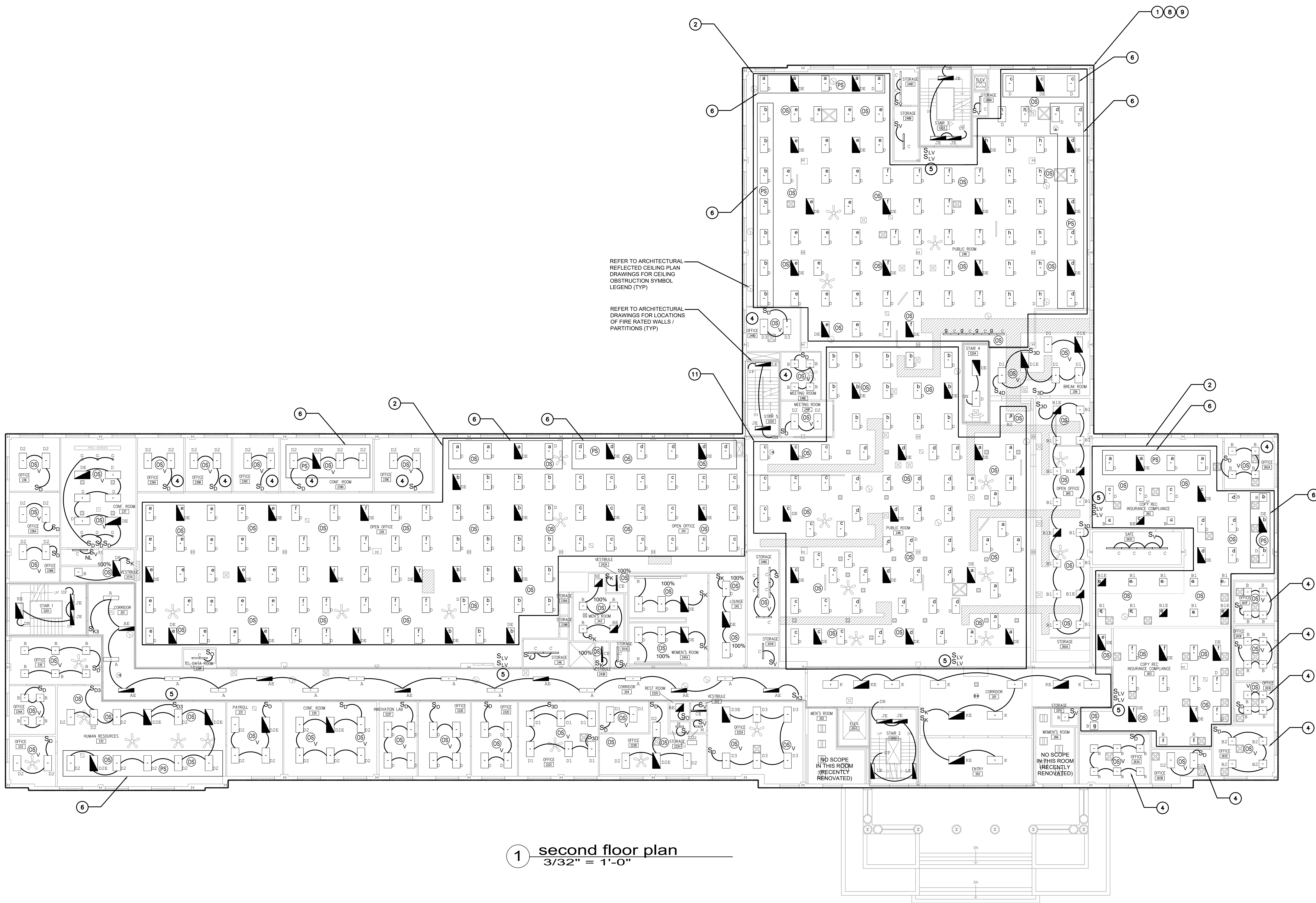
1 first floor plan
3/32" = 1'-0"

drawing title first floor and inspection building lighting plan		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by EDM	date 07/01/2020
	mark date description	48 SOUTH MAIN STREET, 2ND FLOOR UNIONVILLE, CT	scale 3/32" = 1'-0"
		project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT	drawn by SGG
		WETHERSFIELD, CT	approved by SGG
CAD no. E101.dwg	project no. BL-MM-58		drawing no. E1.01




KEYED NOTES ①

1. IN AREAS WITH CEILING MOTION SENSORS, INCLUDE FOR THE INSTALLATION ONE POWER PACK (BASIS OF DESIGN IS CRESTRON GLPP, UNLESS OTHERWISE NOTED TO BE PROVIDED WITH A CRESTRON GLPP ROOM CONTROLLER FOR EACH EXISTING SWITCHED CIRCUIT, SINCE IT IS UNKNOWN HOW MANY LINE VOLTAGE CIRCUITS FEED EACH SPACE. CONTRACTOR MAY REDUCE QUANTITY OF POWER PACKS IF IT IS DISCOVERED VIA FIELD VERIFICATION DURING CONSTRUCTION THAT MULTIPLE SWITCHED CIRCUITS SHARE THE SAME LINE VOLTAGE SOURCE CIRCUIT. SWITCHES IN THESE SPACES SHALL BE DIGITAL KEYPADS.
2. THE EXACT QUANTITY OF EXISTING LIGHTING BRANCH CIRCUITS THAT SERVES THIS AREA IS UNKNOWN. ASSUME 8 SOURCE CIRCUITS FOR THE PURPOSES OF BIDDING. TO BE VERIFIED IN THE FIELD. PROVIDE AN 8-ZONE ROOM CONTROLLER (CRESTRON GLPP IS BASIS OF DESIGN) MOUNTED ABOVE THE CEILING OR IN A NEARBY ELECTRICAL ROOM - SEE DETAIL 14/E03. PROVIDE DEVICE QUANTITIES AS INDICATED. SEE DRAWING E04 FOR CONTROL SCHEDULES.
3. NEW MOTION SENSORS IN THIS SPACE ARE TO CONTROL ALL SWITCHED CIRCUITS IN THIS SPACE. PROVIDE QUANTITY OF POWER PACKS AS REQUIRED (TO BE FIELD VERIFIED). ASSUME THREE POWER PACKS FOR THE PURPOSES OF BIDDING. LIGHTING FIXTURES AND SWITCHED WIRING ARE EXISTING TO REMAIN.
4. SWITCHES AND MOTION SENSORS SHALL BE WIRELESS TYPE IN THIS AREA. TO ACCOMMODATE PRESENCE OF TEMPORARY PARTITION WALLS. SEE WIRELESS CONTROLS DETAILS ON DRAWING E03.
5. PROVIDE A LOCKABLE ENCLOSURE OVER THE SWITCH(ES) IN THIS LOCATION. ENCLASRE KEYS SHALL BE GIVEN TO THE DESIGNATED AREA SUPERVISOR AND TO MAINTENANCE STAFF FOR LIGHT LEVEL ADJUSTMENTS. WHERE TWO KEYPADS ARE SHOWN IN THE SAME LOCATION, ONE OF THE KEYPADS SHALL BE LOCATED ADJACENT TO LOCKABLE ENCLOSURE, WHICH WILL ALLOW OCCUPANTS TO MANUALLY OVERRIDE ALL LIGHT FIXTURES TO 100% OUTPUT OR TURN THEM ALL OFF, BUT NO ABILITY TO DIM THEM.
6. LIGHT FIXTURES WITHIN THIS ZONE SHALL DIM AUTOMATICALLY AS A FUNCTION OF AVAILABLE DAYLIGHT MEASURED BY THE PHOTOSENSOR FOR THIS EXPOSURE. SEE DRAWING E03 FOR CONTROLS DETAILS.
7. INSTALL NEW 0-10V DIMMER SWITCHES IN THIS SPACE TO REPLACE EXISTING TOGGLE SWITCHES. FIELD VERIFY EXISTING DIMMING TECHNOLOGY OF LIGHT FIXTURES AND MATCH TO NEW DIMMER SWITCHES. PROVIDE NEW 0-10V DIMMING CONTROL WIRING.
8. PROVIDE SURFACE METAL RACEWAY (PAINTED TO MATCH MOUNTING SURFACE) FOR ALL DEVICES IN FINISHED AREAS WHERE WIRING MUST BE EXPOSED. PROVIDE WIRING IN CONDUIT IN UNFINISHED AREAS WHERE WIRING MUST BE EXPOSED. VISIT SITE PRIOR TO BID TO DETERMINE EXTENT OF SURFACE METAL RACEWAY AND CONDUIT REQUIRED. IT SHOULD BE NOTED THAT EXPOSED CMU BLOCK WALLS ARE PRESENT THROUGHOUT THE BUILDING, INCLUDING INTERIOR FACES OF EXTERIOR WALLS, BOTH SIDES OF CORRIDOR WALLS AND MANY OTHER INTERIOR PARTITION WALLS THROUGHOUT THE BUILDING.
9. PROVIDE DIMENSIONED CEILING COORDINATION DRAWINGS AS A PART OF THE SHOP DRAWING PROCESS. TO CONFIRM ALL FIXTURES CAN BE LOCATED WHERE INDICATED. DRAWINGS SHALL INDICATE ALL EXISTING CEILING TYPES, GRID LOCATIONS, CEILING OBSTRUCTIONS, ETC.
10. PROVIDE A NEW VACANCY SENSOR TO CONTROL EXISTING LIGHTING IN THIS AREA. REPLACE SWITCHES. FIELD VERIFY DIMMING TECHNOLOGY (PRIOR TO INSTALLATION) WHERE DIMMER SWITCHES ARE SHOWN. TO ENSURE COMPATIBILITY. PROVIDE 0-10V DIMMING WIRING WHERE APPLICABLE.
11. THE EXACT QUANTITY OF LIGHTING BRANCH CIRCUITS THAT SERVES THIS AREA IS UNKNOWN. ASSUME 4 SOURCE CIRCUITS FOR THE PURPOSES OF BIDDING. TO BE VERIFIED IN THE FIELD. PROVIDE A 4-ZONE ROOM CONTROLLER (BASIS OF DESIGN IS CRESTRON GLPP) MOUNTED ABOVE THE CEILING OR IN A NEARBY ELECTRICAL ROOM - SEE DETAIL 13/E03. PROVIDE DEVICE QUANTITIES AS INDICATED. SEE DRAWING E04 FOR CONTROL SCHEDULES.

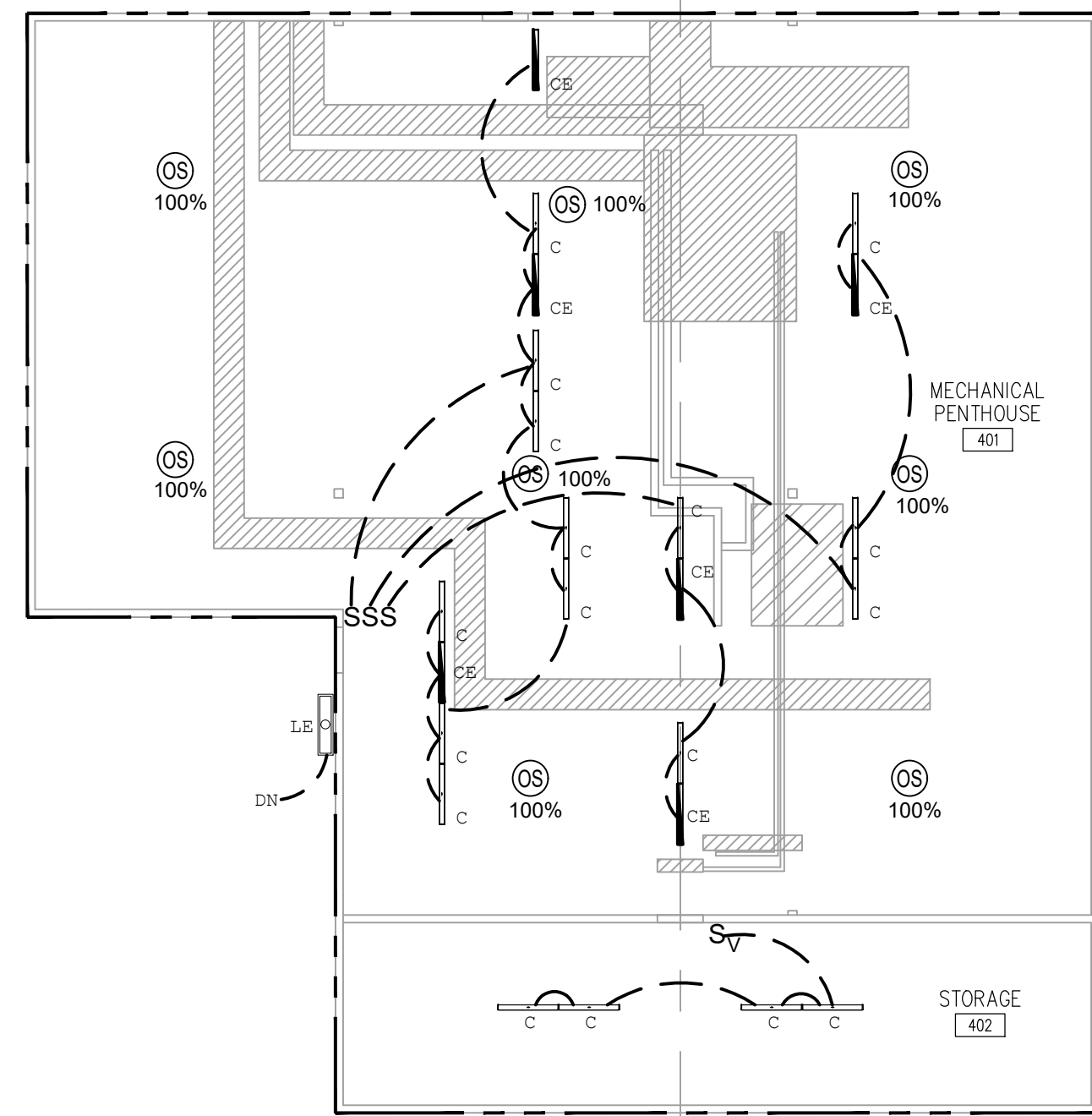


① second floor plan
3/32" = 1'-0"

drawing title second floor lighting plan		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal 	REVISIONS mark date description		drawing prepared by EDM 48 SOUTH MAIN STREET, 2ND FLOOR UNIONVILLE, CT
			date 07/01/2020 scale 3/32" = 1'-0" drawn by SGG approved by SGG drawing no. E1.02
project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT		WETHERSFIELD, CT CAD no. E102.dwg project no. B1-MM-58	

KEYED NOTES

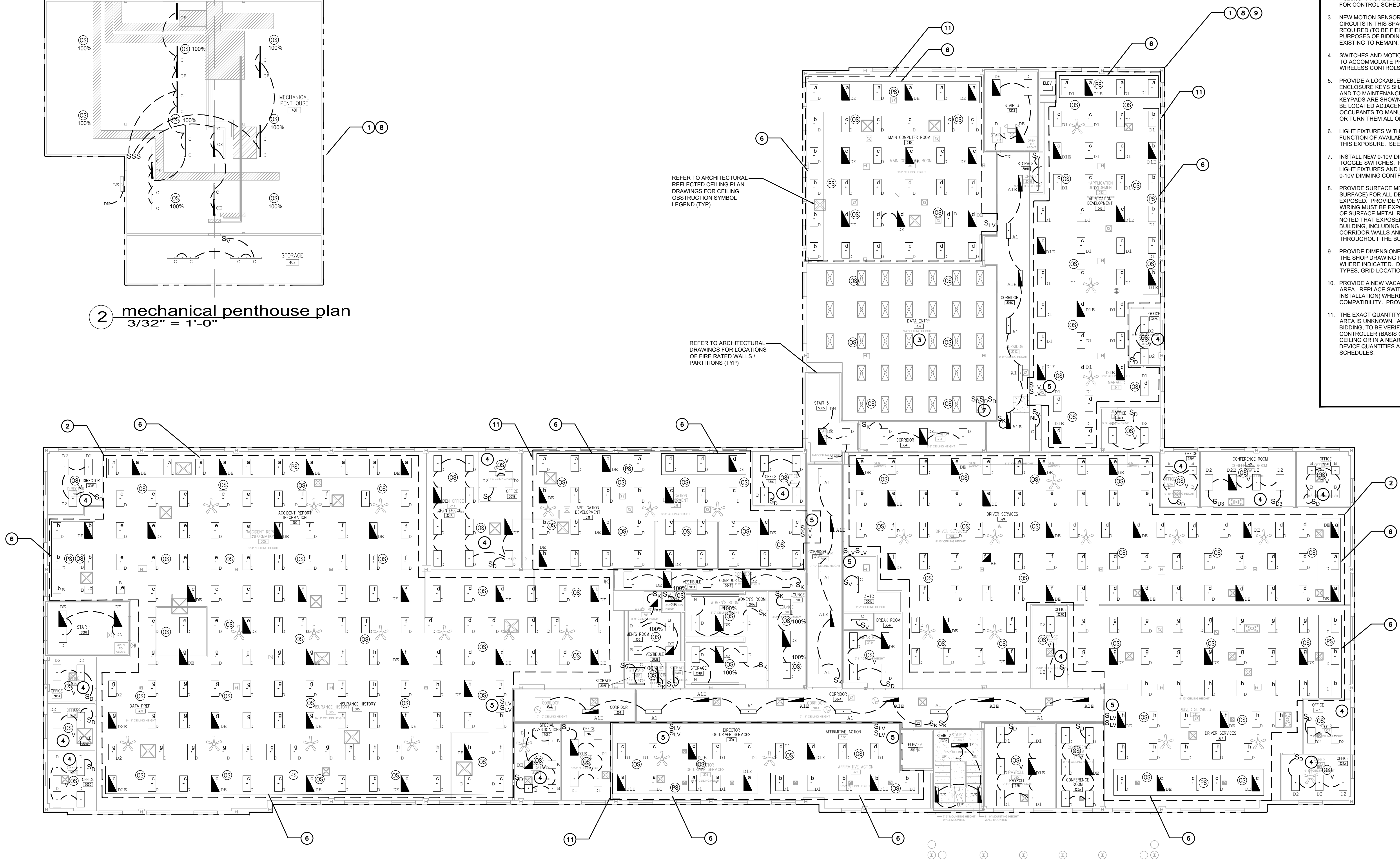
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2 mechanical penthouse plan
3/32" = 1'-0"

REFER TO ARCHITECTURAL REFLECTED CEILING PLAN DRAWINGS FOR CEILING OBSTRUCTION SYMBOL LEGEND (TYP)

REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FIRE RATED WALLS / PARTITIONS (TYP)



1 third floor plan
3/32" = 1'-0"

drawing title third floor and mechanical penthouse lighting plan		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by EDM 48 SOUTH MAIN STREET, 2ND FLOOR UNIONVILLE, CT	date 07/01/2020
	mark	project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT	scale 3/32" = 1'-0"
	date	approved by SGG	drawn by SGG
		WETHERSFIELD, CT	approved by SGG
		CAD no. E103.dwg	drawing no. E1.03
		project no. BI-MM-58	

KEY NOTES

1. REPLACE EXISTING POLE MOUNTED LIGHT FIXTURE WITH NEW LED FIXTURE HEAD(S) (ON EXISTING POLE) IN SAME LOCATION, FIXTURE TYPE AS INDICATED.
2. EXISTING POLE IS MISSING IN THIS LOCATION (BASE STILL EXISTS). PROVIDE NEW POLE ON EXISTING BASE, AND NEW LED FIXTURE HEAD, FIXTURE TYPE AS INDICATED.
3. NO LIGHT POLE, BASE OR WIRING CURRENTLY EXIST IN THIS AREA. PROVIDE A NEW CONCRETE BASE (EXTENDING 3'-0" AFG), POLE & LED FIXTURE TYPE AS INDICATED. PROVIDE UNDERGROUND CONDUIT AND WIRING FROM ADJACENT LIGHT POLE AS NOTED. SEE DETAILS ON DRAWING E0.04 FOR POLE AND TRENCH DETAILS.
4. NO LIGHTING FIXTURES CURRENTLY EXIST IN THIS LOCATION. PROVIDE NEW EXTERIOR WALL MOUNTED LED FIXTURE TO LIGHT THE MAIN STAIRWAY (APPROX 11'-0" AFG). FIXTURE TYPE AS INDICATED. CONNECT TO ADJACENT CANOPY LIGHT CIRCUIT (MATCH EXISTING VOLTAGE).
5. EXISTING LED FIXTURE TO REMAIN.
6. REPLACE EXISTING EXTERIOR WALL MOUNTED COBRA HEAD TYPE LIGHT FIXTURE WITH NEW LED SCENCE TYPE FIXTURE IN SAME LOCATION, FIXTURE TYPE AS INDICATED.
7. REPLACE EXISTING EXTERIOR CANOPY LIGHT WITH NEW LED CANOPY LIGHT IN SAME LOCATION, FIXTURE TYPE AS INDICATED.
8. NOT USED.
9. EXISTING NON-FUNCTIONAL LIGHT POLE WILL BE REPAIRED VIA INSTALLATION OF NEW CONDUIT AND WIRING UNDER A SEPARATE CONTRACT PRIOR TO CONSTRUCTION. UPON REPLACEMENT OF FIXTURE HEADS, TERMINATE THE NEWLY INSTALLED WIRING TO ENERGIZE THE FIXTURES.
10. REPLACE EXISTING EXTERIOR WALL MOUNTED LIGHT FIXTURE WITH NEW LED FIXTURE. IN SAME LOCATION, FIXTURE TYPE AS INDICATED.
11. REPLACE EXISTING POST-TOP FIXTURE WITH FIXTURE HEAD IN THE SAME LOCATION. MEASURE EXISTING POLE AND PROVIDE CUSTOM MOUNTING HARDWARE FOR NEW POST-TOP FIXTURE. IF CUSTOM MOUNTING HARDWARE CANNOT BE PROVIDED, PROVIDE A NEW POLE TO MATCH EXISTING. FIXTURE TYPE AS INDICATED.
12. SEE 3/E0.04 FOR TRENCH DETAIL. REPAIR CURBS & SURFACES AND RE-STRIPE TO MATCH EXISTING.

GENERAL NOTES

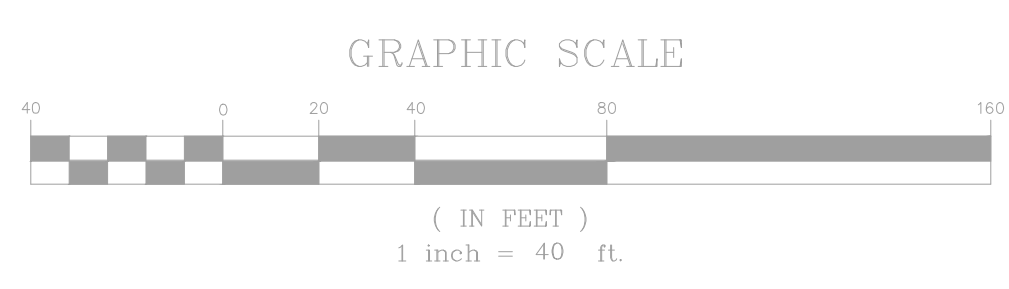
1. PATCH EXTERIOR BRICK WALLS WHERE FIXTURES ARE BEING MOUNTED. CLOSE ALL VOIDS BEHIND FIXTURE HOUSING. REPAIR AND PAINT NON-MASONRY SURFACES TO MATCH SURROUNDING SURFACE.
2. ENGAGE THE SERVICES OF CBYD (CALL BEFORE YOU DIG) TO LOCATE UTILITIES IN THE AREAS WHERE UNDERGROUND WORK WILL OCCUR ON SITE.

AT THIS LOCATION ONLY, PROVIDE A NEW 20' TAPERED ALUMINUM POLE (ON EXISTING BASE) TO MATCH EXISTING POLES IN THIS PARKING LOT. UTILIZE EXISTING BOLT PATTERN.

LIGHTING FIXTURE TYPE (TYP) - SEE E0.02 FOR LIGHTING FIXTURE SCHEDULE

OUTLINE OF INSPECTION BUILDING

OUTLINE OF MAIN DMV BUILDING



1 site lighting plan
 1" = 40'-0"

drawing title site lighting plan		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by EDM 48 SOUTH MAIN STREET, 2ND FLOOR UNIONVILLE, CT	date 07/01/2020
	mark	date	description
	project 60 STATE STREET WETHERSFIELD DMV LIGHTING FIXTURE & CONTROLS RETROFIT	approved by SGG	scale 1" = 40'-0"
WETHERSFIELD, CT	drawing no. ES100	project no. BI-MM-58	drawn by SGG
CAD no. ES100.dwg			approved by SGG
			drawing no. ES1.00