

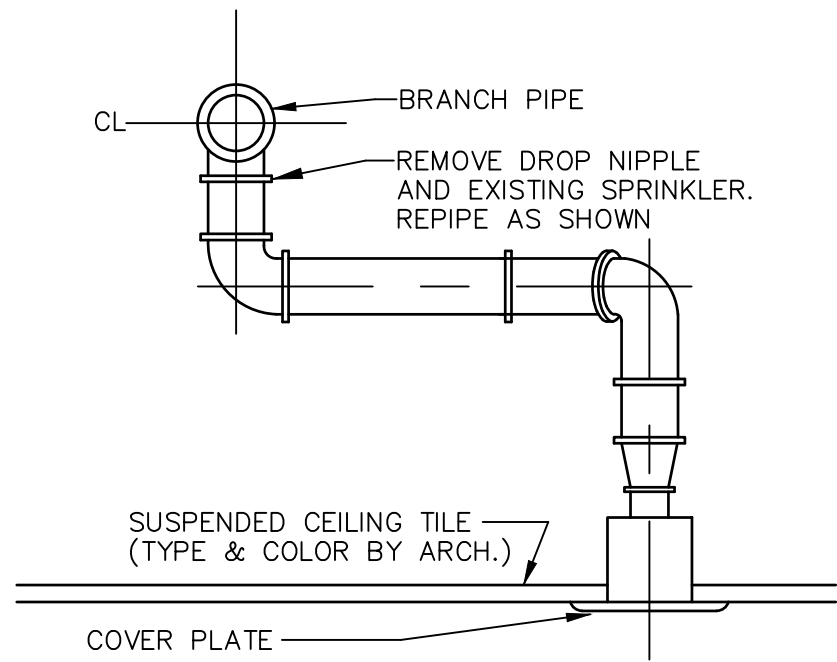
SYMBOL LEGEND	
SYMBOL	DESCRIPTION
—	DIAGRAMMATIC FIRE SPRINKLER PIPING.
—SP—	FIRE SPRINKLER PIPING.
-DSP-	FIRE SPRINKLER PIPING - DRY SYSTEM.
-SP-	EXISTING FIRE SPRINKLER PIPING.
-DSP-	EXISTING FIRE SPRINKLER PIPING - DRY SYSTEM.
- - -	EXISTING FIRE SPRINKLER PIPING TO BE REMOVED.
• ^N	PENDANT SPRINKLER HEAD. REFER TO SCHEDULE.
○ ^X	EXISTING PENDANT SPRINKLER HEAD TO REMAIN.
⊠ ^R	EXISTING PENDANT SPRINKLER HEAD TO BE REMOVED OR RELOCATED.
● ^N	UPRIGHT SPRINKLER HEAD. REFER TO SCHEDULE.
○ ^X	EXISTING UPRIGHT SPRINKLER HEAD TO REMAIN.
⊠ ^R	EXISTING UPRIGHT SPRINKLER HEAD TO BE REMOVED OR RELOCATED.
⊠	CEILING MOUNTED SUPPLY AIR DIFFUSER. (TYPICAL)
⊠	CEILING MOUNTED RETURN AIR GRILLE OR REGISTER. (TYPICAL)
⊠	CEILING MOUNTED EXHAUST AIR GRILLE OR REGISTER. (TYPICAL)

SPRINKLER HEAD SCHEDULE														
RESPONSE	COVERAGE	TYPE	K FACTOR	MANUFACTURERE & MODEL #			TEMPERATURE			HAZARD FOR USE			MAX COVERAGE	NOTE
				VIKING	TYCO	RELIABLE	ORDINARY (135-170)	INTERMEDIATE (175-225)	HIGH (250-300)	LIGHT	ORDINARY	EXTRA		
QUICK RESPONSE	STANDARD	CONCEALED PENDENT	5.6	VK462	RFII	G5	YES	-	-	YES	YES	N/A	-	1

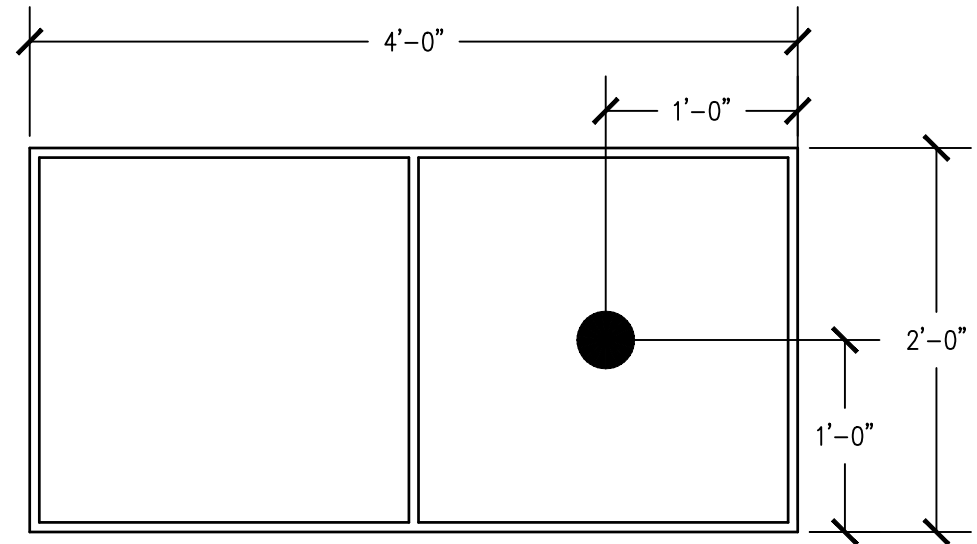
NOTES:
1. COORDINATE COVER PLATE FINISH WITH ARCHITECT.

ABBREVIATIONS	
ABBRV	ABBREVIATION
AFFF	AQUEOUS FILM FORMING FOAM SYSTEM COMPONENT.
D	DRY SYSTEM COMPONENT.
DC	DRY CHEMICAL FIRE SUPPRESSION SYSTEM COMPONENT.
ESFR	EARLY SUPPRESSION, FAST RESPONSE.
F	FREEZEPROOF.
GPM	GALLONS PER MINUTE
R	RELOCATE.
REQ.	REQUIREMENT
SQ.FT.	SQUARE FEET
WC	WET CHEMICAL FIRE SUPPRESSION SYSTEM COMPONENT.
'	FOOT (FEET) (0.3048 METERS)
"	INCH(S) (25.4 MILLIMETERS)
PSI	POUNDS PER SQUARE INCH. (6.89 KILOPASCAL)

SPRINKLER DESIGN CRITERIA				
ROOM DESCRIPTION	OCCUPANCY HAZARD	MINIMUM DENSITY REQ.	MAXIMUM SPRINKLER SPACING	HOSESTREAM ALLOWANCE
OFFICE AND PUBLIC AREAS	LIGHT HAZARD	0.10 GPM OVER 1500 SQ.FT.	225 SQ.FT. / SPRINKLER	100 GPM
STORAGE AREAS	ORDINARY HAZARD GROUP 1	0.15 GPM OVER 1500 SQ.FT.	130 SQ.FT. / SPRINKLER	250 GPM
EQUIPMENT ROOMS	ORDINARY HAZARD GROUP 1	0.15 GPM OVER 1500 SQ.FT.	130 SQ.FT. / SPRINKLER	250 GPM



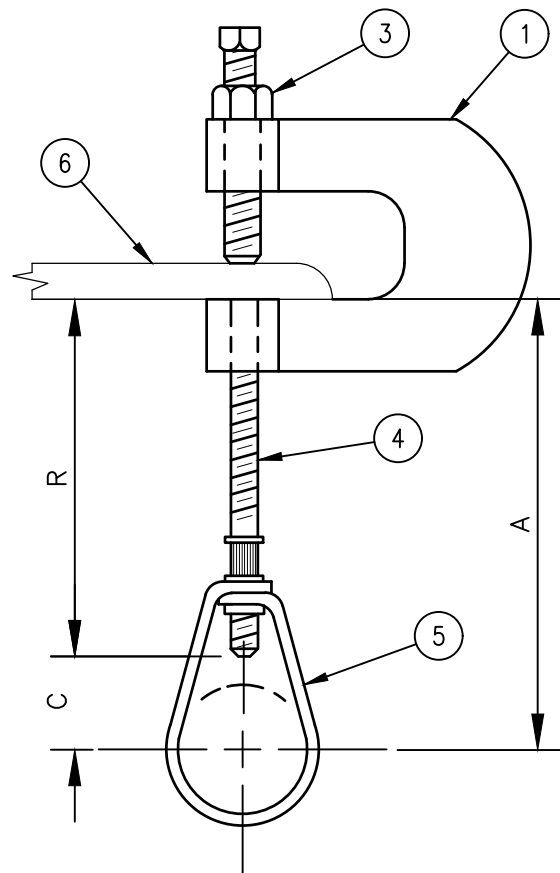
1 SPRINKLER HEAD RELOCATION DETAIL
NOT TO SCALE



2 TYPICAL CEILING TILE SRINKLER PLACEMENT
NOT TO SCALE

- Components:**
- C-Clamp
 - Set Screw
 - Lock Nut
 - Hanger Rod
 - Adjustable Hanger Ring
 - Top Chord of Steel

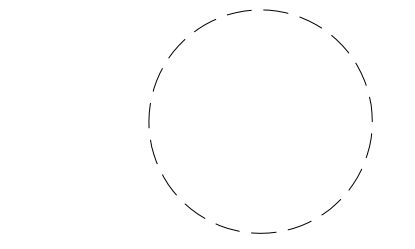
DESIGN DATA FOR C-CLAMP HANGER			
Nominal Pipe Size	Minimum A Dimension inches	Hanger Takeout inches	Rod Diameter inches
1/2	3 1/2	-1 1/4	3/8
3/4	3 1/2	-1 1/4	3/8
1	3 1/2	-1 1/4	3/8
1 1/4	3 3/4	-1 1/2	3/8
1 1/2	4	-1 1/2	3/8



PIPING SUPPORT CRITERIA		
STEEL PIPE SIZE	MAX. HORIZ. SPACING	MIN. ROD SIZE
1" AND SMALLER	8-FEET	3/8"
1-1/4"	9-FEET	3/8"
1-1/2" TO 2"	9-FEET	3/8"
2-1/2" TO 3-1/2"	10-FEET	1/2"
4" AND UP	10-FEET	5/8"

SUPPORT VERTICAL PIPING EVERY 10-FEET.

3 SPRINKLER PIPE HANGER DETAIL
NOT TO SCALE



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

FIRE PROTECTION SYMBOLS AND SCHEDULES

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022

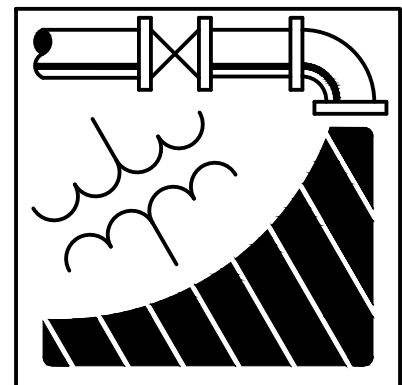
Scale AS SHOWN

Drawn by JS

Checked by JNB

Job No. 2191488

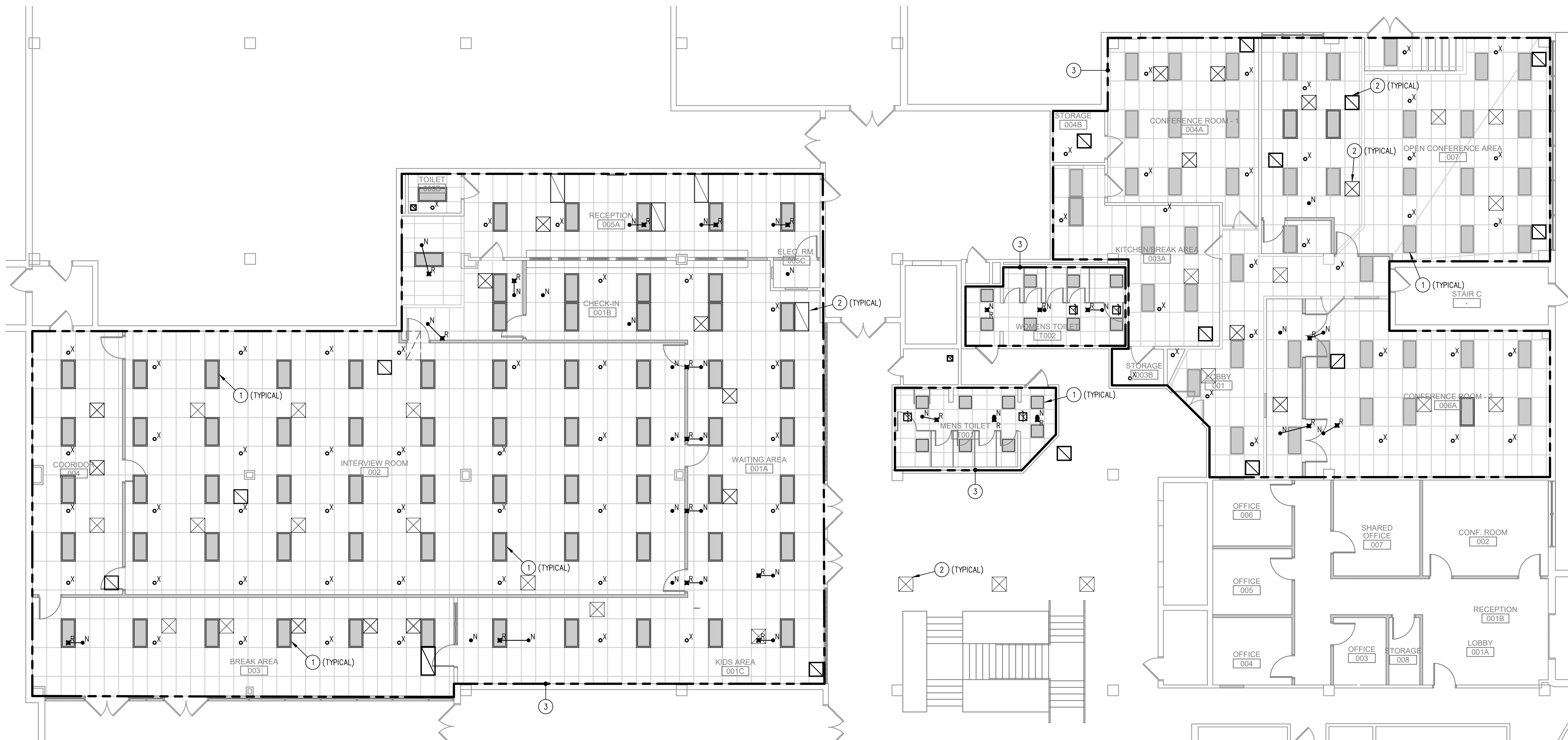
Drawing No.



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

FP-001



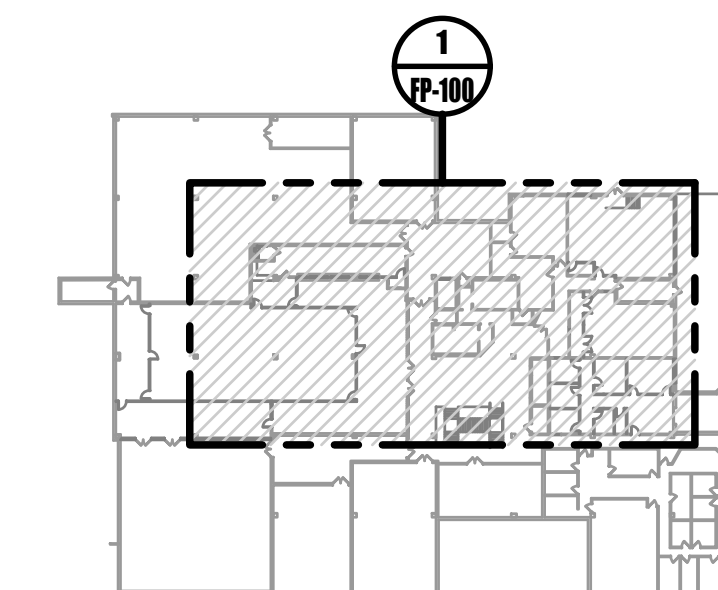
1 GROUND FLOOR SPRINKLER HEAD RELOCATION PLAN
 1/8" = 1'-0"

GENERAL NOTES:

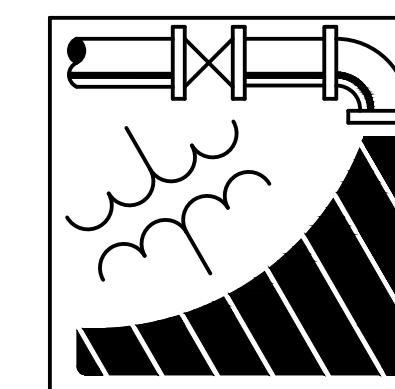
1. THE SPACE WILL REMAIN OCCUPIED DURING CONSTRUCTION. PROVIDE ALL WORK SUCH THAT THE SPRINKLER SYSTEM REMAINS ACTIVE DURING PERIODS OF OCCUPANCY. IF A FIRE WATCH IS REQUIRED, COORDINATE ALL REQUIREMENTS WITH GENERAL CONTRACTOR AND OWNER.
2. PIPING LOCATION AND SIZING INDICATED ON PLAN FOR REFERENCE ONLY. FIRE PROTECTION CONTRACTOR'S HYDRAULIC CALCULATIONS, AND PIPE ROUTING TO DETERMINE FINAL PIPE SIZING.
3. ALL AREAS CLASSIFIED LIGHT HAZARD UNLESS OTHERWISE NOTED.
4. PAINT EXPOSED SPRINKLER PIPING. COLOR SPECIFIED BY ARCHITECT.

DRAWING KEYED NOTES:

- 1 CEILING MOUNTED LIGHT FIXTURE. REFER TO ELECTRICAL PLANS FOR MORE INFORMATION.
- 2 CEILING MOUNTED HVAC EQUIPMENT. REFER TO MECHANICAL PLANS FOR MORE INFORMATION.
- 3 AREA OF WORK.



0 GROUND FLOOR KEY PLAN
 NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800

NETTA ARCHITECTS
 1084 Route 22 West
 Suite 100
 New York, NY 10004
 Phone: 878.379.0008
 www.nettaarchitects.com
 CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

FIRE PROTECTION GROUND FLOOR PLAN

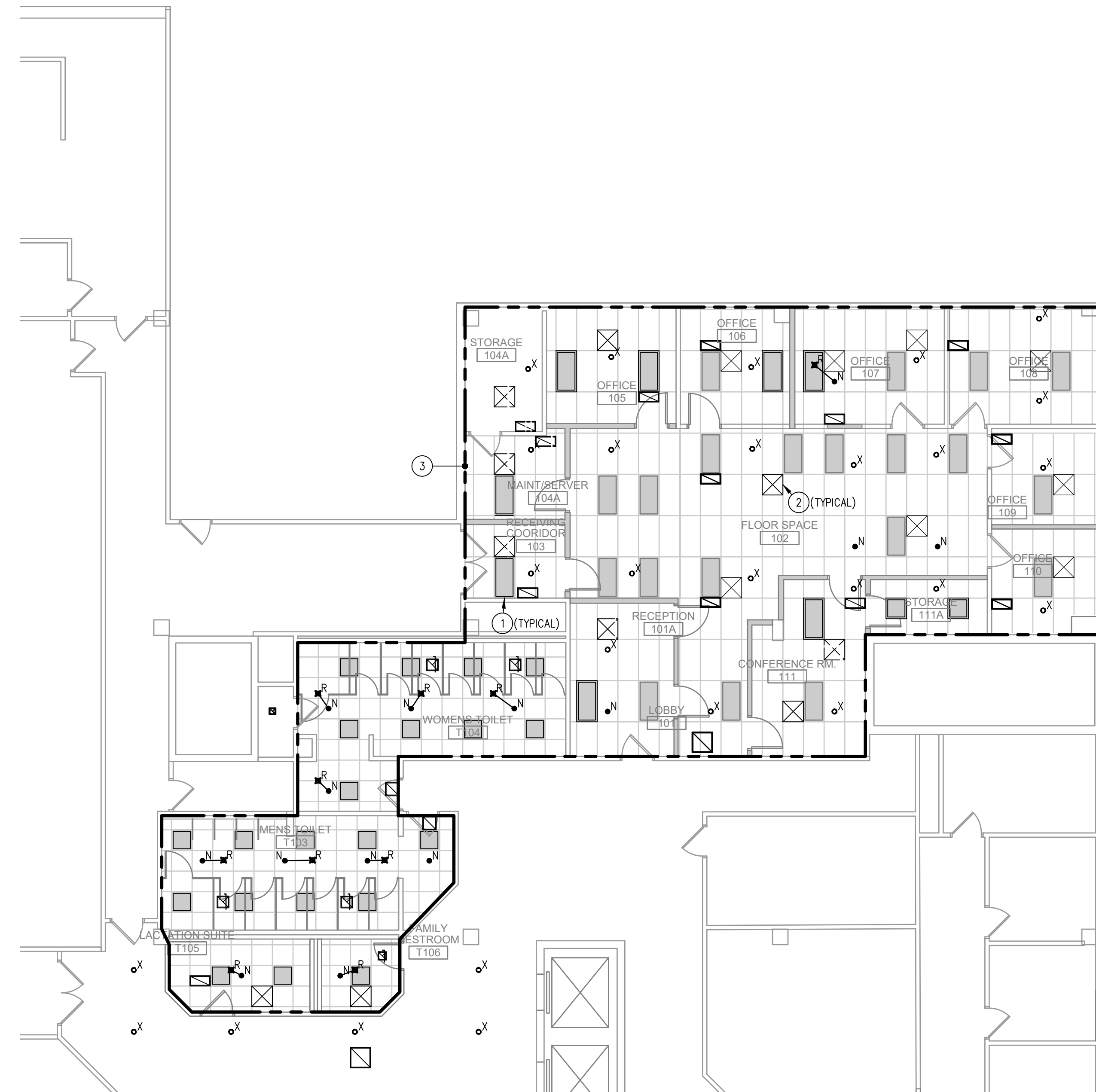
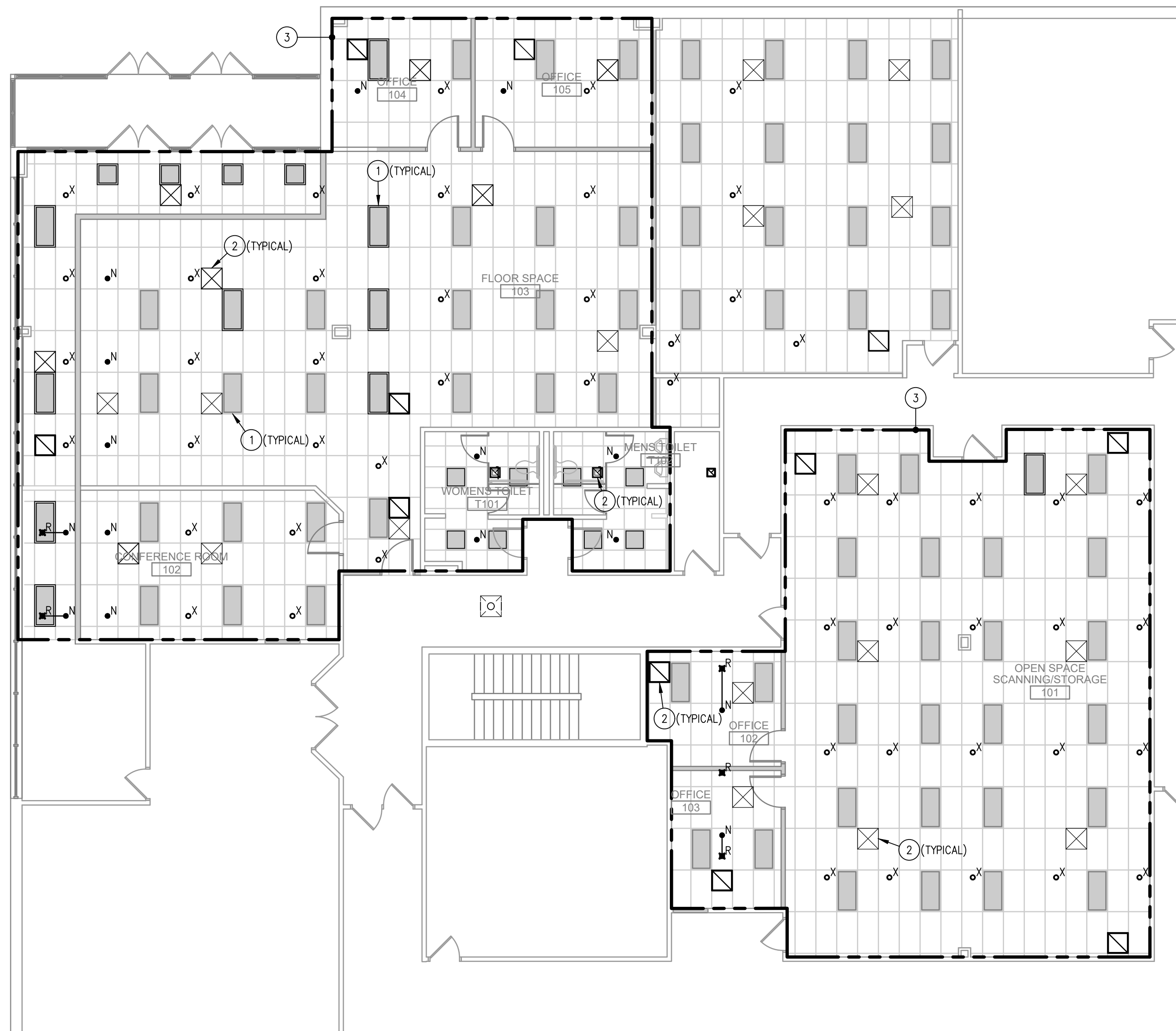
PROJECT TITLE:
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:
 08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JS
Checked by	JNB
Job No.	2191488
Drawing No.	

FP-100



1 1ST FLOOR PARTIAL SPRINKLER HEAD RELOCATION PLAN
1/8" = 1'-0"

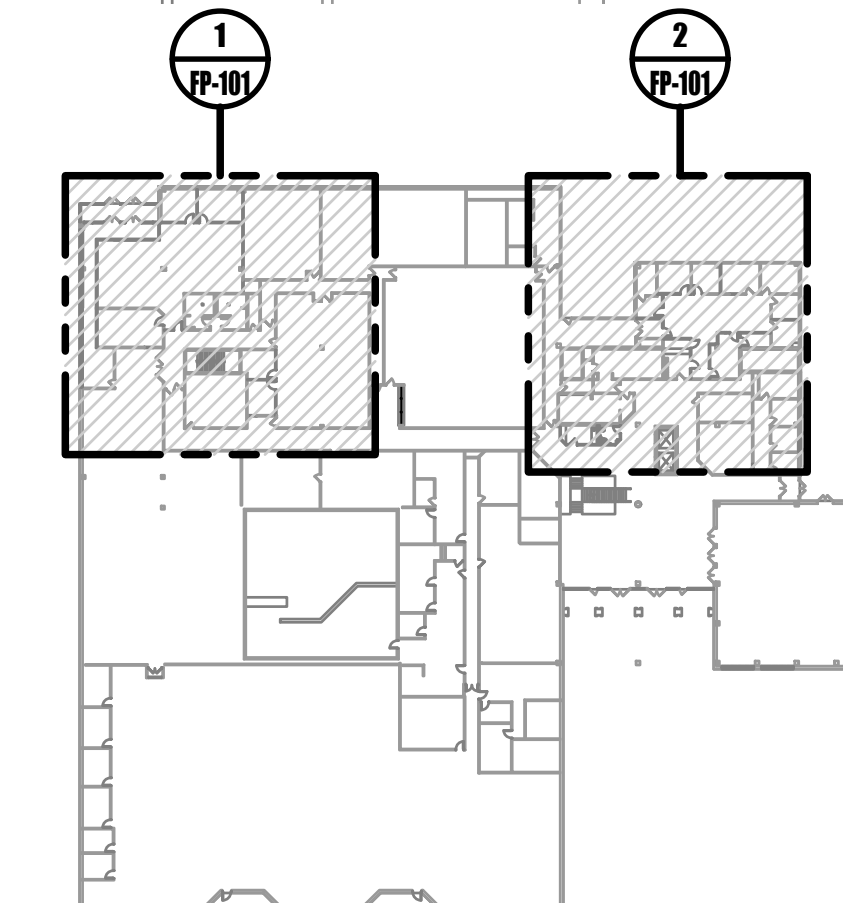
2 1ST FLOOR PARTIAL SPRINKLER HEAD RELOCATION PLAN
1/8" = 1'-0"

GENERAL NOTES:

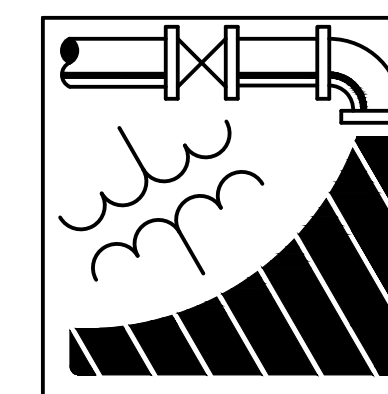
1. THE SPACE WILL REMAIN OCCUPIED DURING CONSTRUCTION. PROVIDE ALL WORK SUCH THAT THE SPRINKLER SYSTEM REMAINS ACTIVE DURING PERIODS OF OCCUPANCY. IF A FIRE WATCH IS REQUIRED, COORDINATE ALL REQUIREMENTS WITH GENERAL CONTRACTOR AND OWNER.
2. PIPING LOCATION AND SIZING INDICATED ON PLAN FOR REFERENCE ONLY. FIRE PROTECTION CONTRACTOR'S HYDRAULIC CALCULATIONS, AND PIPE ROUTING TO DETERMINE FINAL PIPE SIZING.
3. ALL AREAS CLASSIFIED LIGHT HAZARD UNLESS OTHERWISE NOTED.
4. PAINT EXPOSED SPRINKLER PIPING. COLOR SPECIFIED BY ARCHITECT.

DRAWING KEYED NOTES:

- 1 CEILING MOUNTED LIGHT FIXTURE. REFER TO ELECTRICAL PLANS FOR MORE INFORMATION.
- 2 CEILING MOUNTED HVAC EQUIPMENT. REFER TO MECHANICAL PLANS FOR MORE INFORMATION.
- 3 AREA OF WORK. CONTRACTOR TO CONFIRM FULL SPRINKLER COVERAGE ON BOTH SIDES OF NEW WALLS.

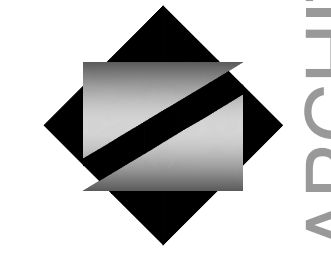


0 1ST FLOOR KEY PLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NETTAARCHITECTS
1004 Route 22 West
New York, NY 10004
Phone: 878.370.0008
www.nettaarchitects.com
Phone: 212.777.2090
CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

FIRE PROTECTION 1ST FLOOR PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JS
Checked by	JNB
Job No.	2191488
Drawing No.	

FP-101



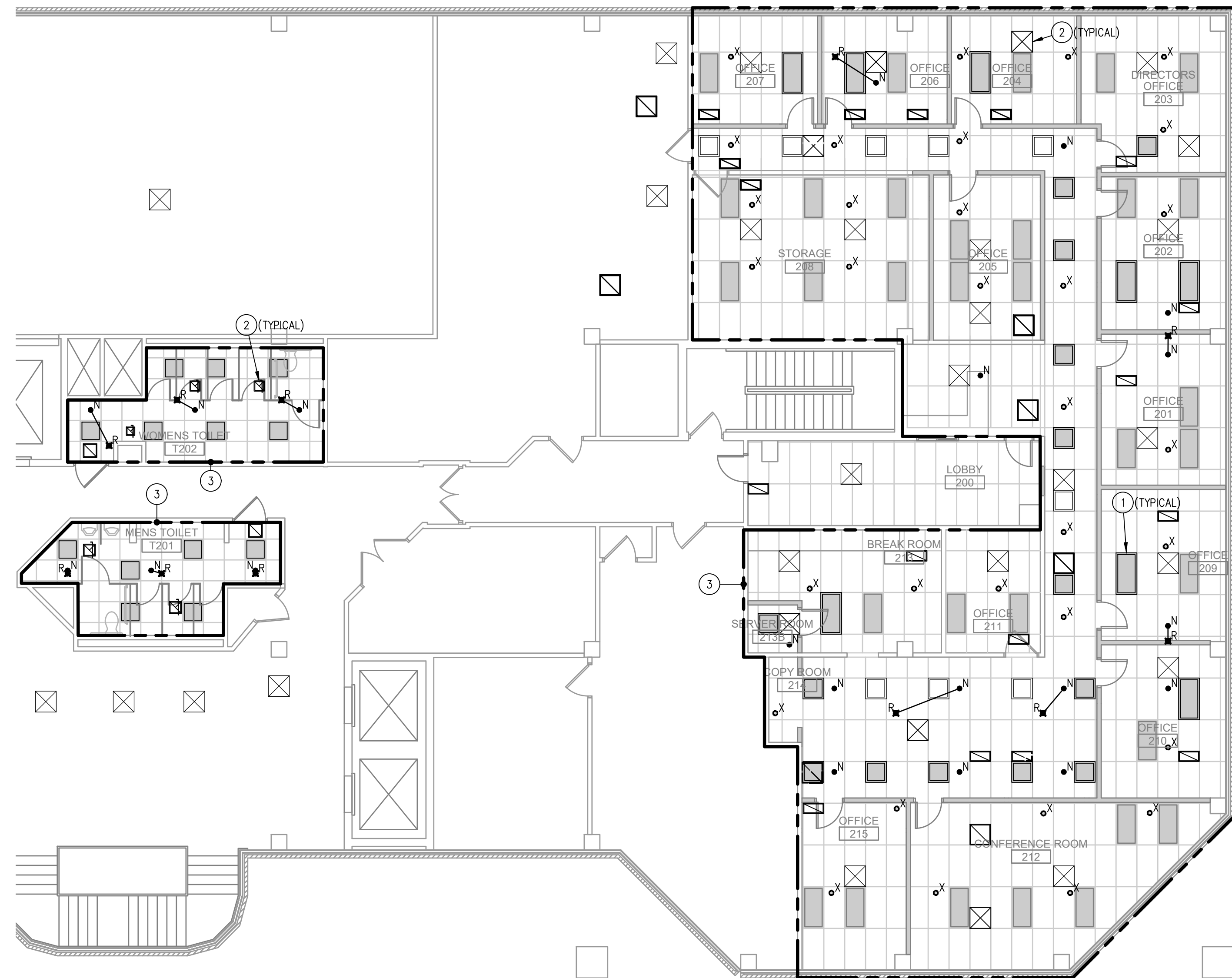
1 2ND FLOOR SPRINKLER HEAD RELOCATION PARTIAL PLAN
 1/8" = 1'-0"

GENERAL NOTES:

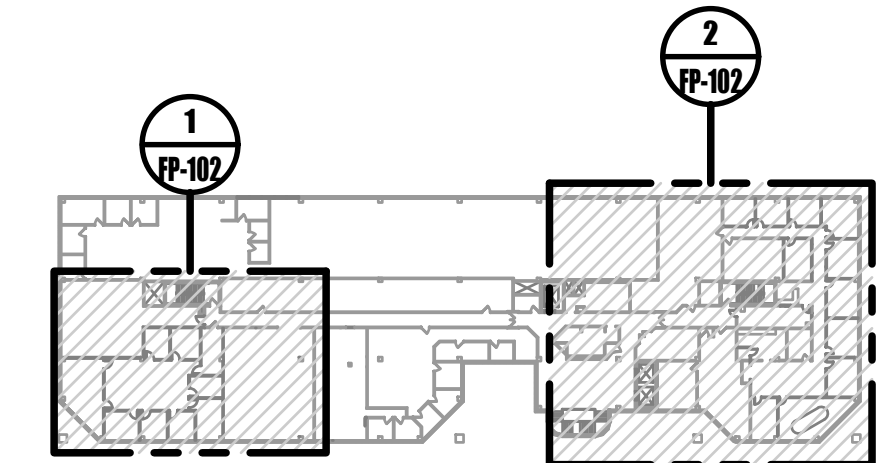
1. THE SPACE WILL REMAIN OCCUPIED DURING CONSTRUCTION. PROVIDE ALL WORK SUCH THAT THE SPRINKLER SYSTEM REMAINS ACTIVE DURING PERIODS OF OCCUPANCY. IF A FIRE WATCH IS REQUIRED, COORDINATE ALL REQUIREMENTS WITH GENERAL CONTRACTOR AND OWNER.
2. PIPING LOCATION AND SIZING INDICATED ON PLAN FOR REFERENCE ONLY. FIRE PROTECTION CONTRACTOR'S HYDRAULIC CALCULATIONS, AND PIPE ROUTING TO DETERMINE FINAL PIPE SIZING.
3. ALL AREAS CLASSIFIED LIGHT HAZARD UNLESS OTHERWISE NOTED.
4. PAINT EXPOSED SPRINKLER PIPING. COLOR SPECIFIED BY ARCHITECT.

DRAWING KEYED NOTES:

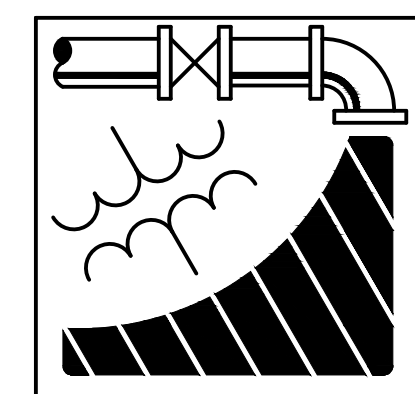
- 1 CEILING MOUNTED LIGHT FIXTURE. REFER TO ELECTRICAL PLANS FOR MORE INFORMATION.
- 2 CEILING MOUNTED HVAC EQUIPMENT. REFER TO MECHANICAL PLANS FOR MORE INFORMATION.
- 3 AREA OF WORK. CONTRACTOR TO CONFIRM FULL SPRINKLER COVERAGE ON BOTH SIDES OF NEW WALLS.



2 2ND FLOOR SPRINKLER HEAD RELOCATION PARTIAL PLAN
 1/8" = 1'-0"



0 2ND FLOOR KEY PLAN
 NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800

NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

FIRE PROTECTION 2ND FLOOR PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

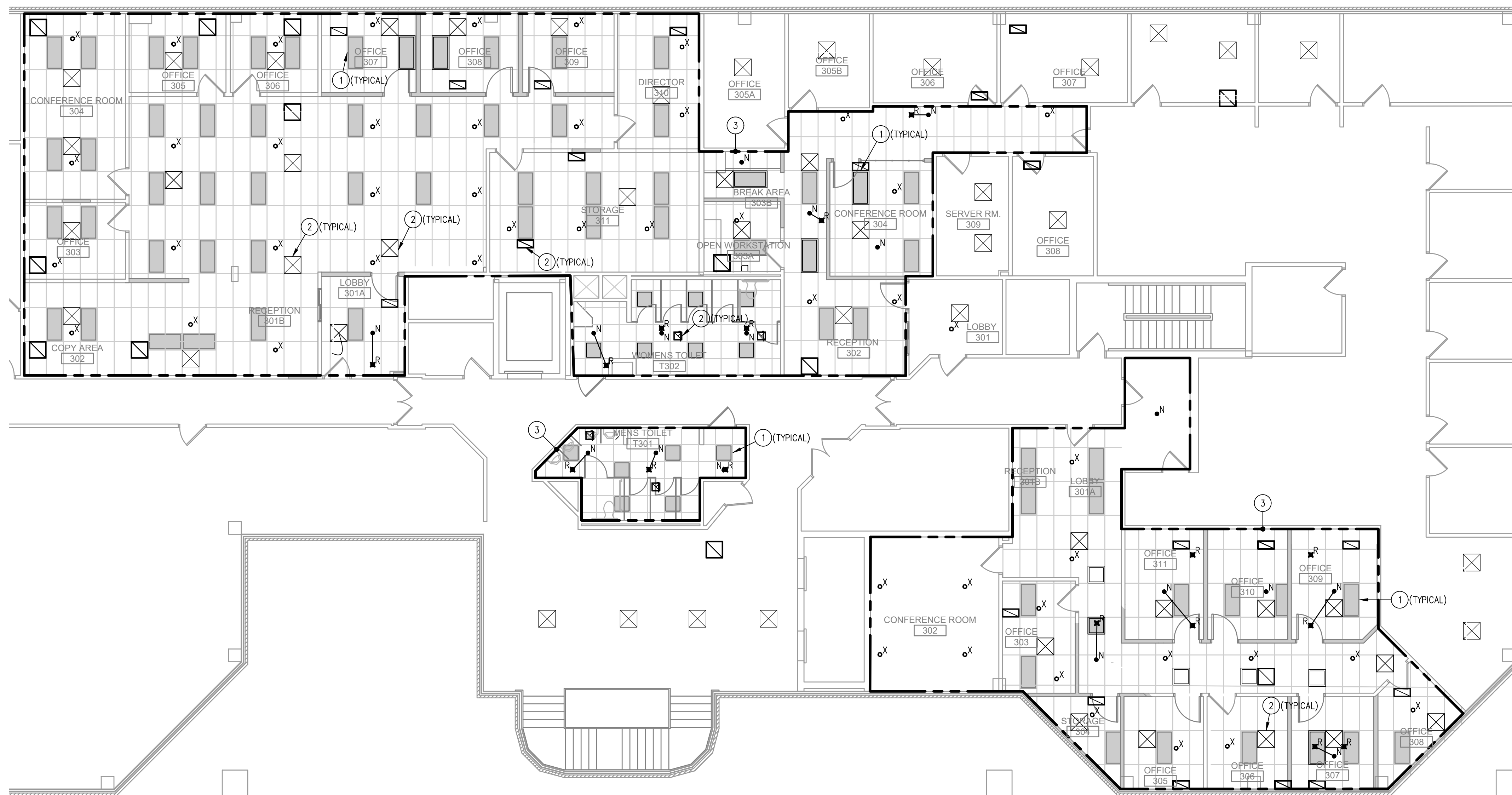
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JS
Checked by	JNB
Job No.	2191488
Drawing No.	

FP-102



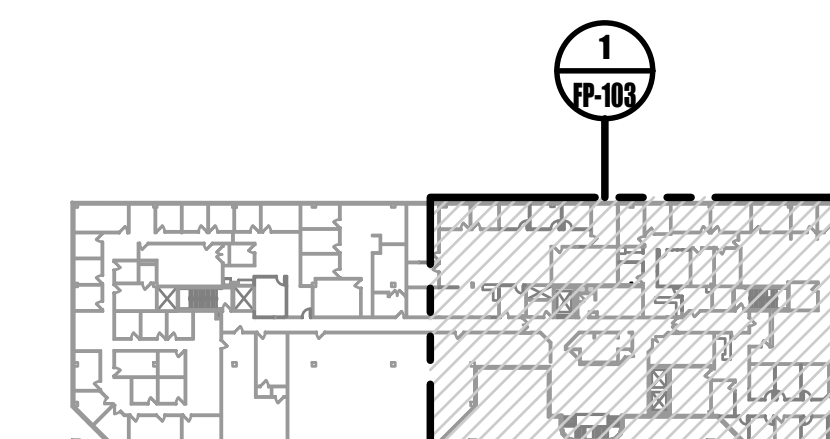
1 3RD SPRINKLER HEAD RELOCATION PLAN
1/8" = 1'-0"

GENERAL NOTES:

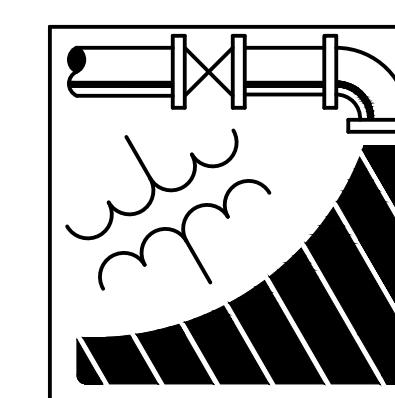
1. THE SPACE WILL REMAIN OCCUPIED DURING CONSTRUCTION. PROVIDE ALL WORK SUCH THAT THE SPRINKLER SYSTEM REMAINS ACTIVE DURING PERIODS OF OCCUPANCY. IF A FIRE WATCH IS REQUIRED, COORDINATE ALL REQUIREMENTS WITH GENERAL CONTRACTOR AND OWNER.
2. PIPING LOCATION AND SIZING INDICATED ON PLAN FOR REFERENCE ONLY. FIRE PROTECTION CONTRACTOR'S HYDRAULIC CALCULATIONS, AND PIPE ROUTING TO DETERMINE FINAL PIPE SIZING.
3. ALL AREAS CLASSIFIED LIGHT HAZARD UNLESS OTHERWISE NOTED.
4. PAINT EXPOSED SPRINKLER PIPING. COLOR SPECIFIED BY ARCHITECT.

DRAWING KEYED NOTES:

1. CEILING MOUNTED LIGHT FIXTURE. REFER TO ELECTRICAL PLANS FOR MORE INFORMATION.
2. CEILING MOUNTED HVAC EQUIPMENT. REFER TO MECHANICAL PLANS FOR MORE INFORMATION.
3. AREA OF WORK. CONTRACTOR TO CONFIRM FULL SPRINKLER COVERAGE ON BOTH SIDES OF NEW WALLS.



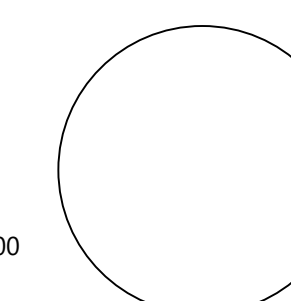
0 3RD FLOOR KEY PLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC

555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriiven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

FIRE PROTECTION 3RD FLOOR PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022

Scale AS SHOWN

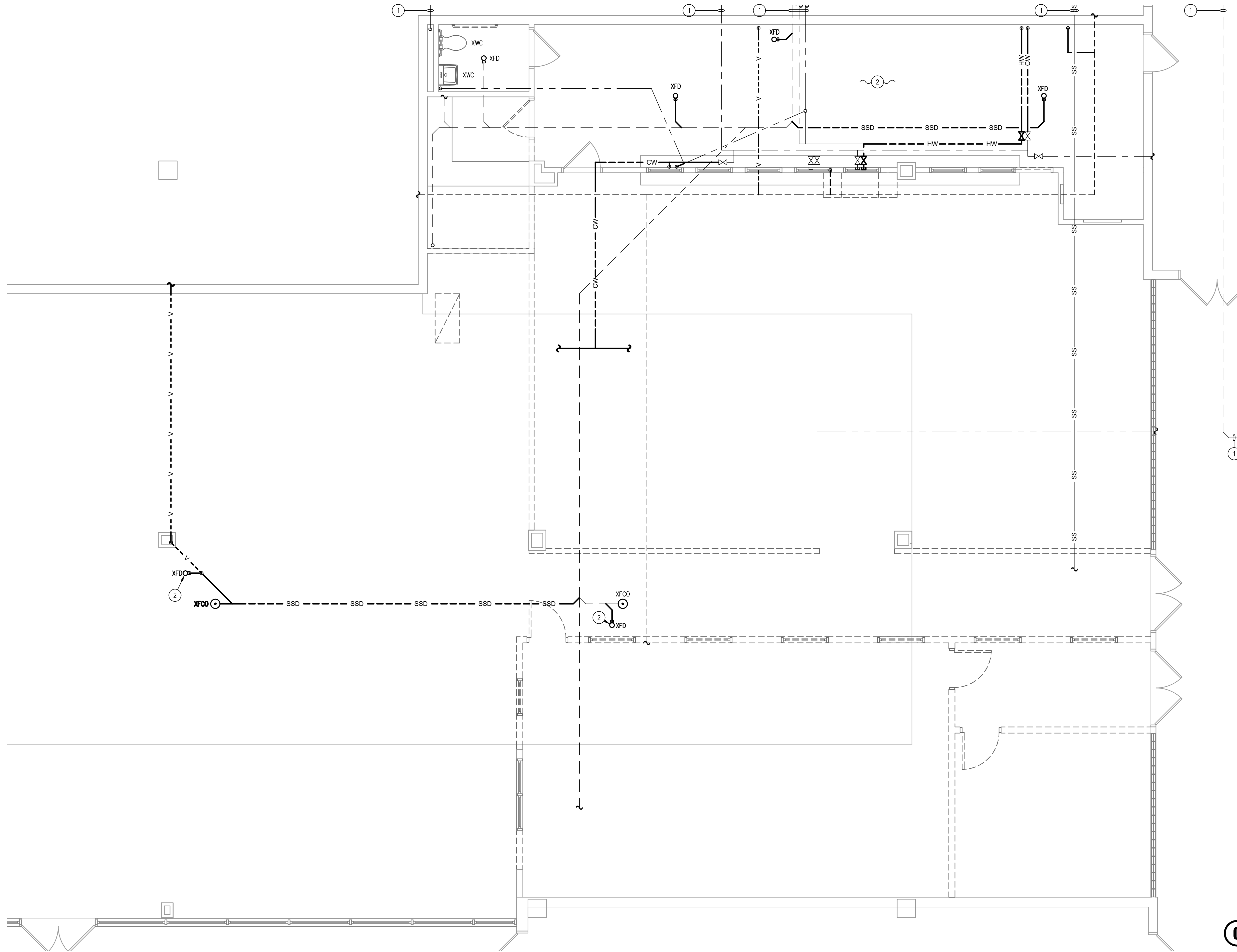
Drawn by JS

Checked by JNB

Job No. 2191488

Drawing No.

FP-103



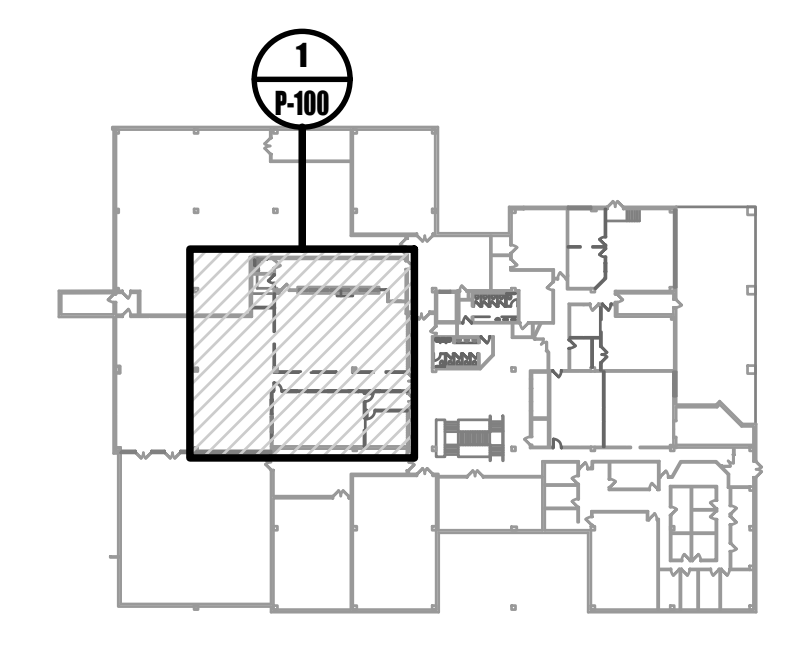
GENERAL NOTES:

1. PATCH EXISTING PIPING WHERE DEMO PIPING IS REMOVED.
2. PATCH ALL OPENINGS FROM REMOVED PIPING TO MATCH EXISTING ADJACENT CONSTRUCTION.
3. REMOVE ALL INSULATION, SUPPORTS, ETC. FROM PIPING TO BE REMOVED.
4. TAKE DOWN AND REINSTALL ALL CEILING AND CEILING-MOUNTED DEVICES REQUIRED TO CONSTRUCT THIS SCOPE.
5. CONTRACTOR TO TRENCH, AS REQUIRED, TO ACCOMMODATE SCOPE OF WORK.

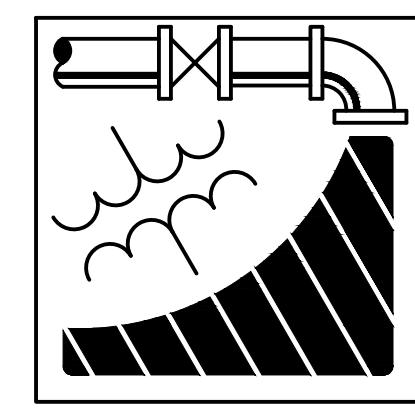
DRAWING KEYED NOTES:

- ① PIPING CONTINUES.
- ② REMOVE ALL EXISTING PIPING AND PLUMBING FIXTURES. REMOVE ALL PIPING BACK TO MAIN AND CAP.

1 GROUND FLOOR DEMO PLAN
1/4" = 1'-0"



0 GROUND FLOOR KEY PLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

NETTAARCHITECTS
1004 Route 22 West
Westampton, NJ 08060
Phone: 878.379.0008
www.nettaarchitects.com
CERTIFICATE OF AUTHORIZATION AC-438
237 West 86th Street
New York, NY 10004
Phone: 212.777.2090

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

PLUMBING GROUND FLOOR DEMOLITION PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

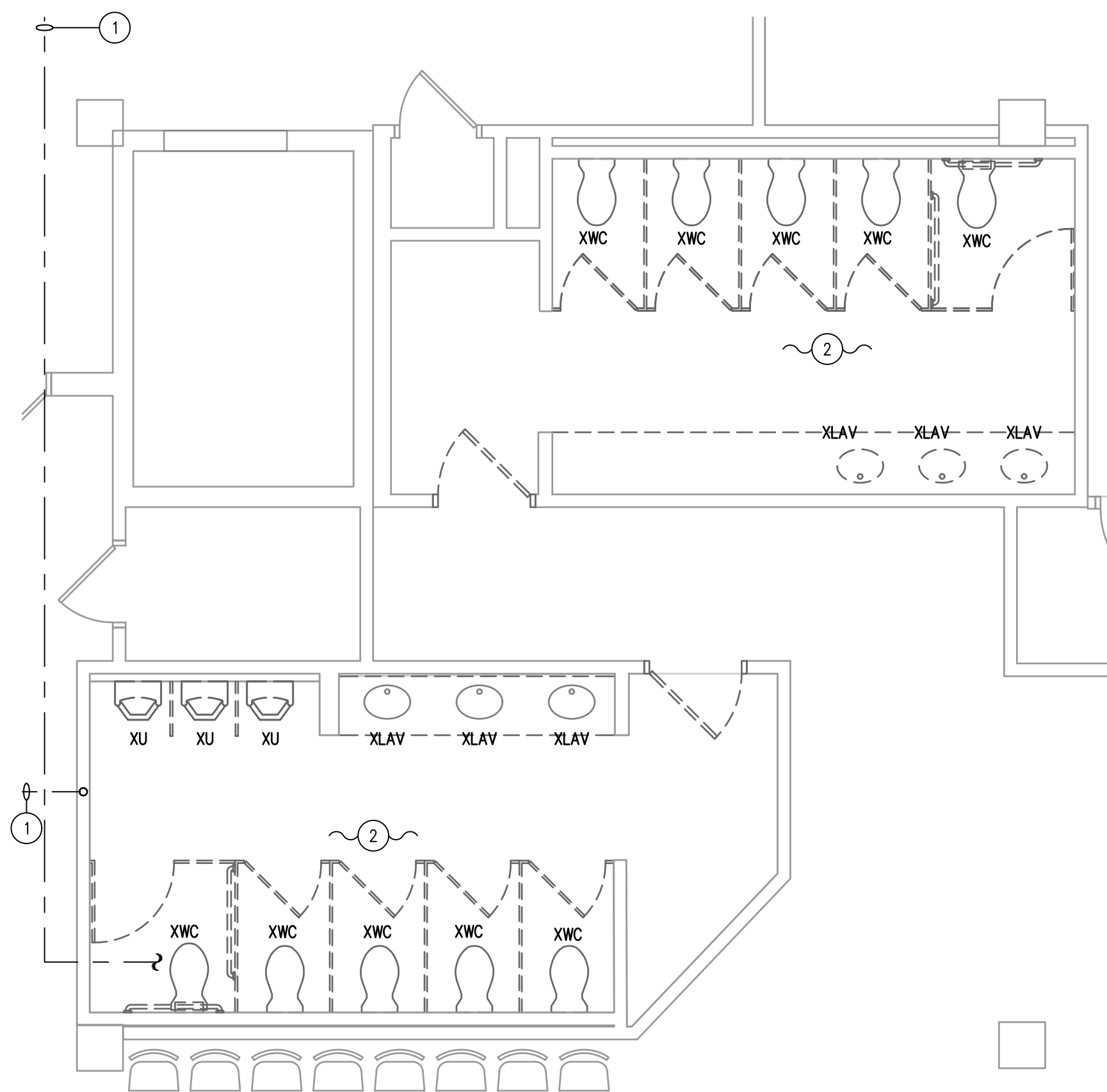
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JS
Checked by	JNB
Job No.	2191488
Drawing No.	

P-100



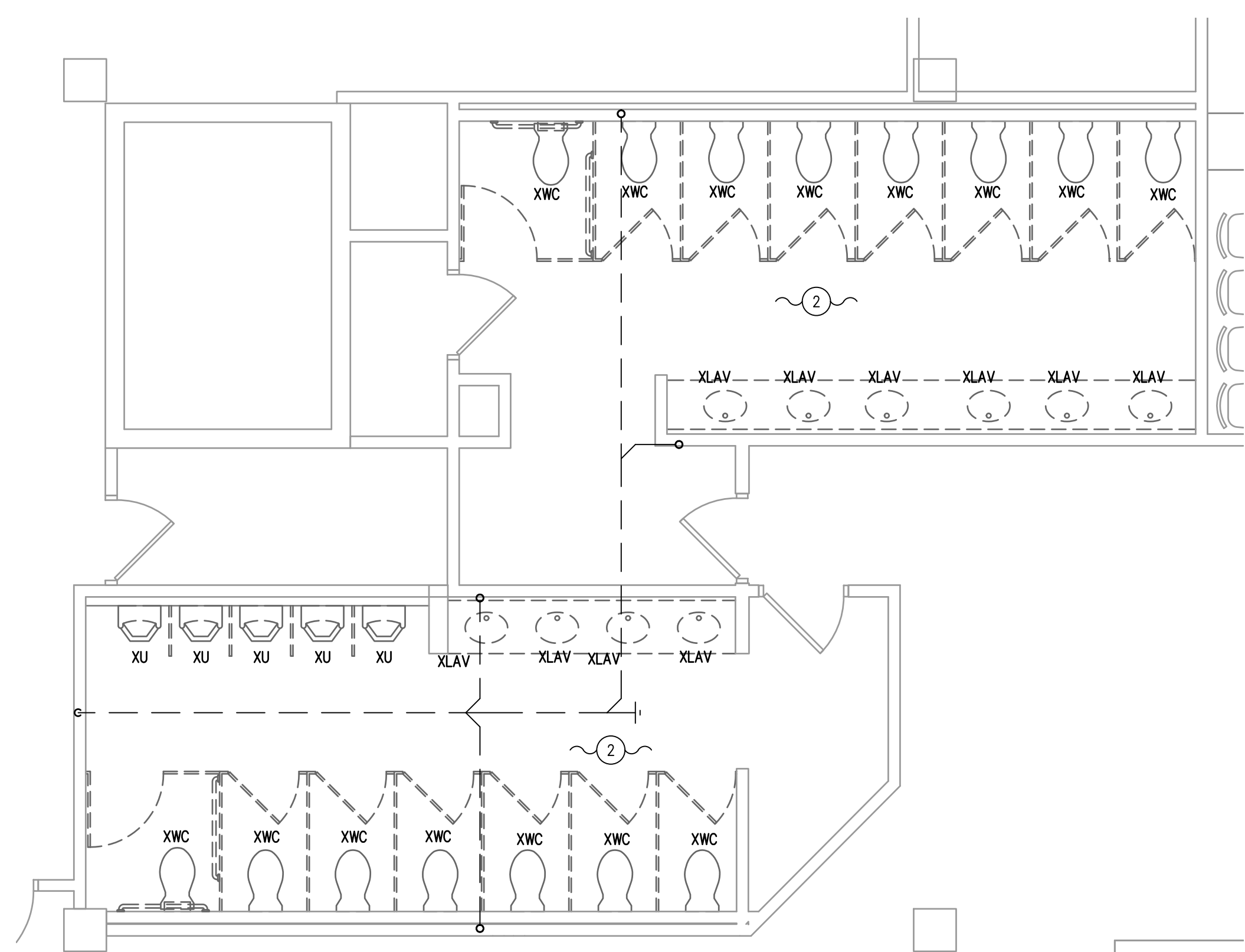
GENERAL NOTES:

1. PATCH EXISTING PIPING WHERE DEMO PIPING IS REMOVED.
2. PATCH ALL OPENINGS FROM REMOVED PIPING TO MATCH EXISTING ADJACENT CONSTRUCTION.
3. REMOVE ALL INSULATION, SUPPORTS, ETC. FROM PIPING TO BE REMOVED.
4. COORDINATE WITH TENANTS BELOW FOR ACCESS. TAKE DOWN AND REINSTALL ALL CEILING AND CEILING-MOUNTED DEVICES REQUIRED TO CONSTRUCT THIS SCOPE.
5. CONTRACTOR TO TRENCH, AS REQUIRED, TO ACCOMMODATE SCOPE OF WORK.

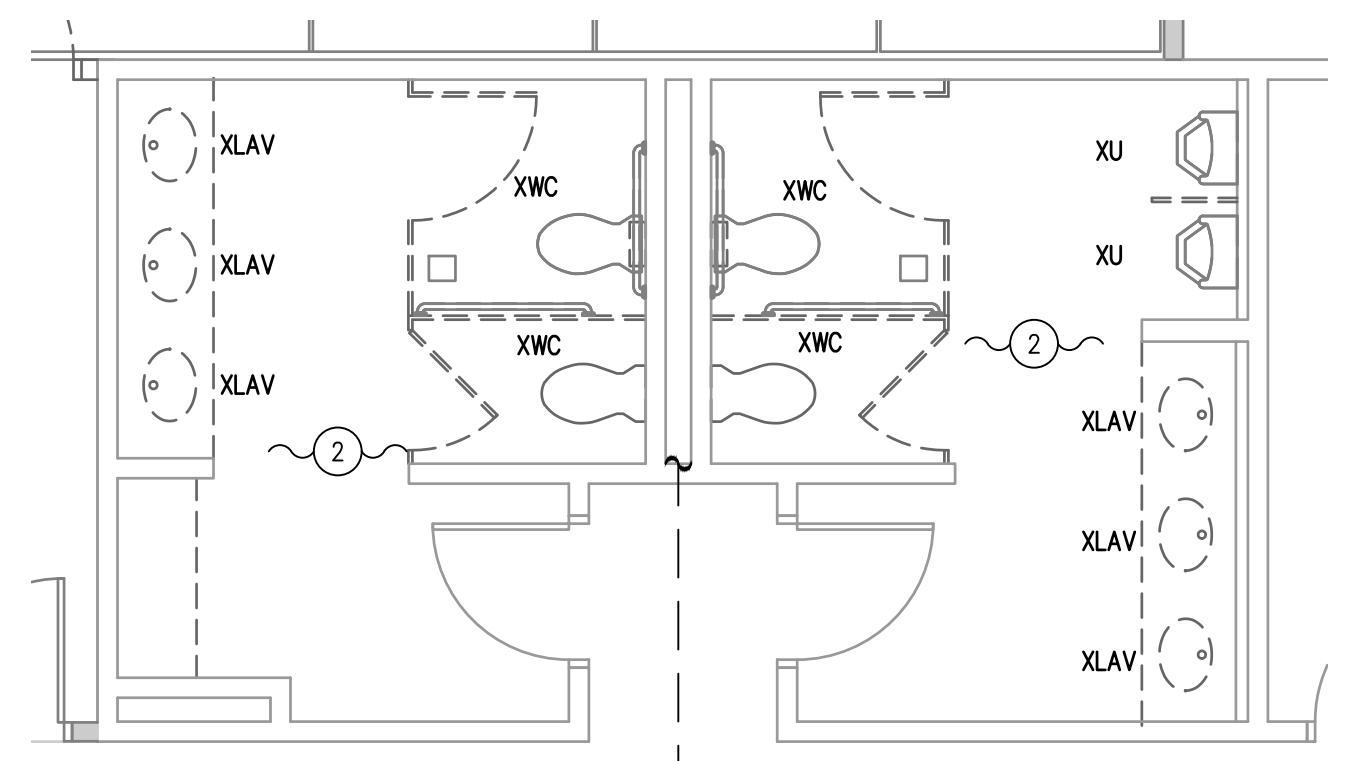
DRAWING KEYED NOTES:

- 1 PIPING CONTINUES.
- 2 REMOVE EXISTING PLUMBING FIXTURES. MAINTAIN ROUGHING FOR USE WITH NEW FIXTURES.

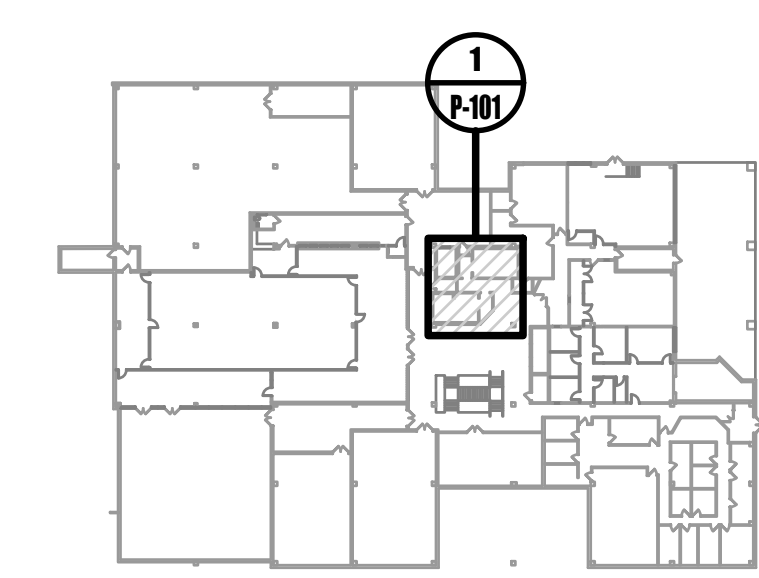
1 GROUND FLOOR RESTROOM DEMO PLAN
1/4" = 1'-0"



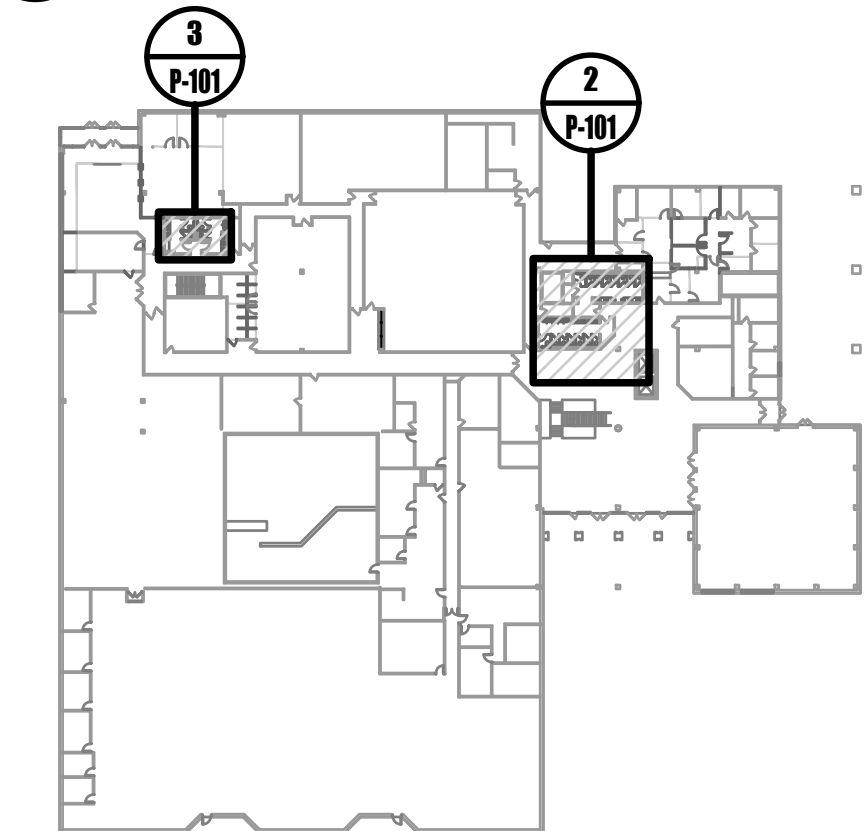
2 1ST FLOOR MAIN RESTROOM DEMO PLAN
1/4" = 1'-0"



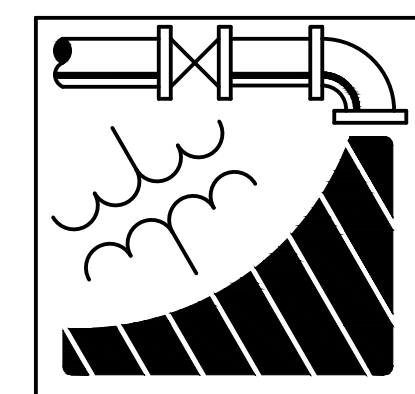
3 1ST FLOOR RESTROOM DEMO PLAN
1/4" = 1'-0"



0 GROUND FLOOR KEY PLAN
NOT TO SCALE

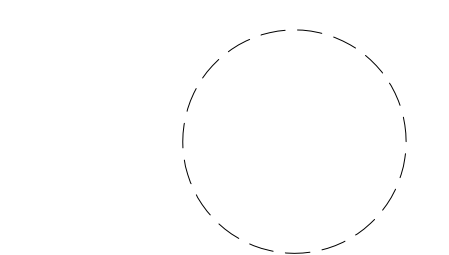


0 1ST FLOOR KEY PLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

PLUMBING GROUND & 1ST FLOOR TOILET ROOM DEMO PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

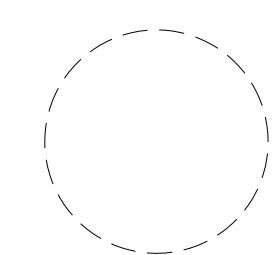
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JS
Checked by	JNB
Job No.	2191488
Drawing No.	

P-101



NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541
 FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118
 MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160
 LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

PLUMBING 2ND & 3RD FLOOR TOILET ROOM DEMO PLAN

PROJECT TITLE:

**BURLINGTON COUNTY HUMAN SERVICES BUILDING
 BATHROOM RENOVATIONS
 WESTAMPTON, NJ 08060**

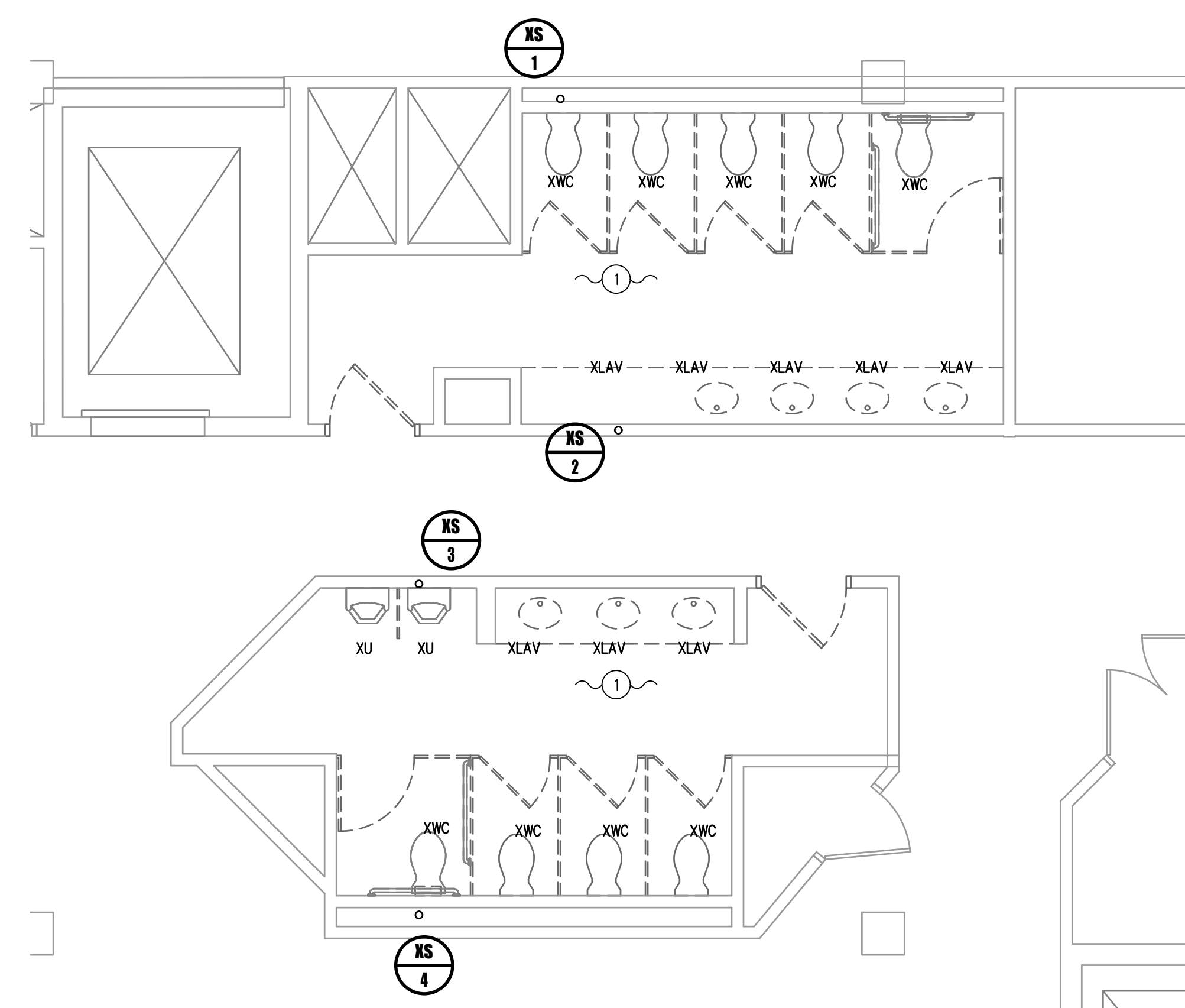
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JS
Checked by	JNB
Job No.	2191488
Drawing No.	

P-102



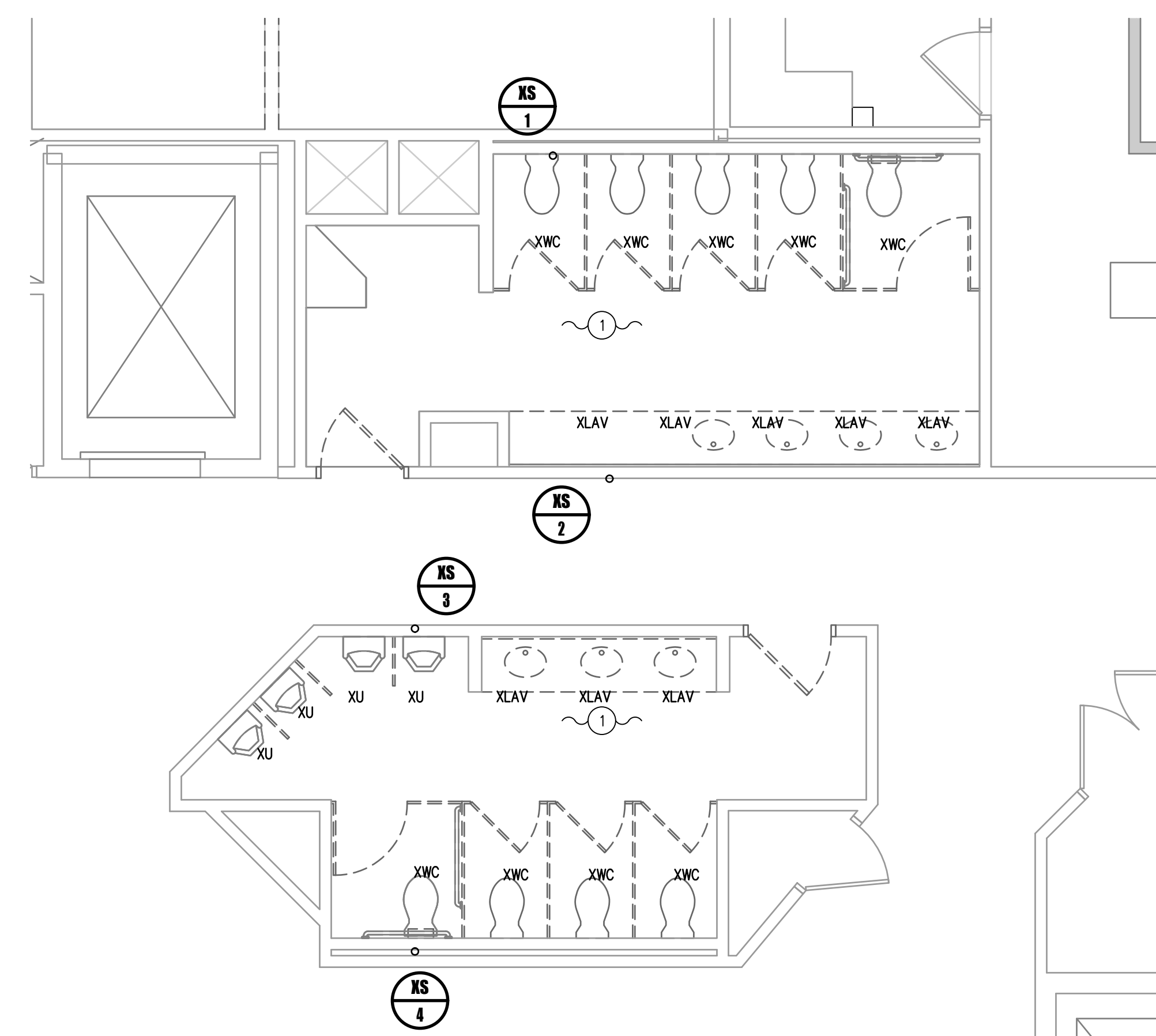
1 2ND FLOOR RESTROOM DEMO PLAN
 1/4" = 1'-0"

GENERAL NOTES:

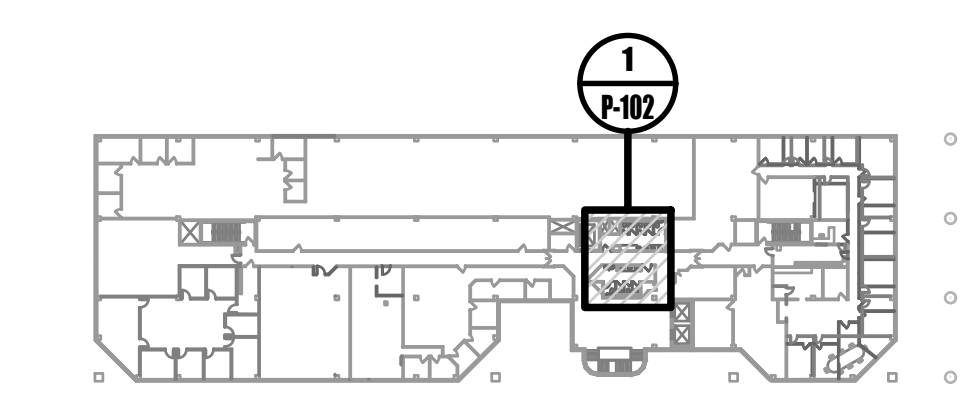
- PATCH EXISTING PIPING WHERE DEMO PIPING IS REMOVED.
- PATCH ALL OPENINGS FROM REMOVED PIPING TO MATCH EXISTING ADJACENT CONSTRUCTION.
- REMOVE ALL INSULATION, SUPPORTS, ETC. FROM PIPING TO BE REMOVED.
- COORDINATE WITH TENANTS BELOW FOR ACCESS. TAKE DOWN AND REINSTALL ALL CEILING AND CEILING-MOUNTED DEVICES REQUIRED TO CONSTRUCT THIS SCOPE.
- CONTRACTOR TO TRENCH, AS REQUIRED, TO ACCOMMODATE SCOPE OF WORK.

DRAWING KEYED NOTES:

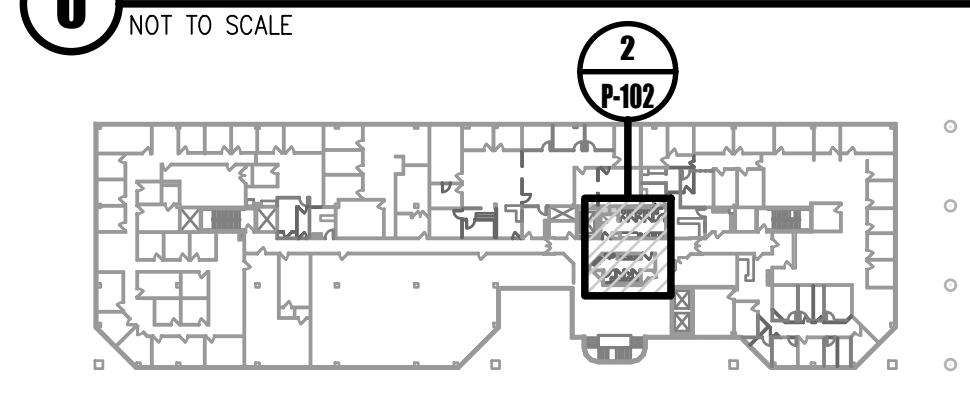
- REMOVE EXISTING PLUMBING FIXTURES. MAINTAIN ROUGHING FOR USE WITH NEW FIXTURES.



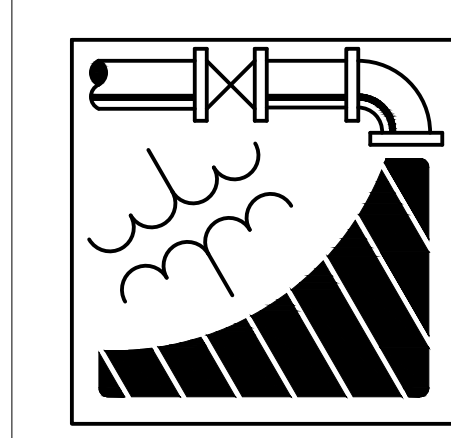
2 3RD FLOOR RESTROOM DEMO PLAN
 1/4" = 1'-0"



0 2ND FLOOR KEY PLAN
 NOT TO SCALE

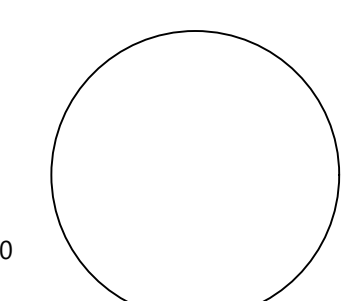


0 3RD FLOOR KEY PLAN
 NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800

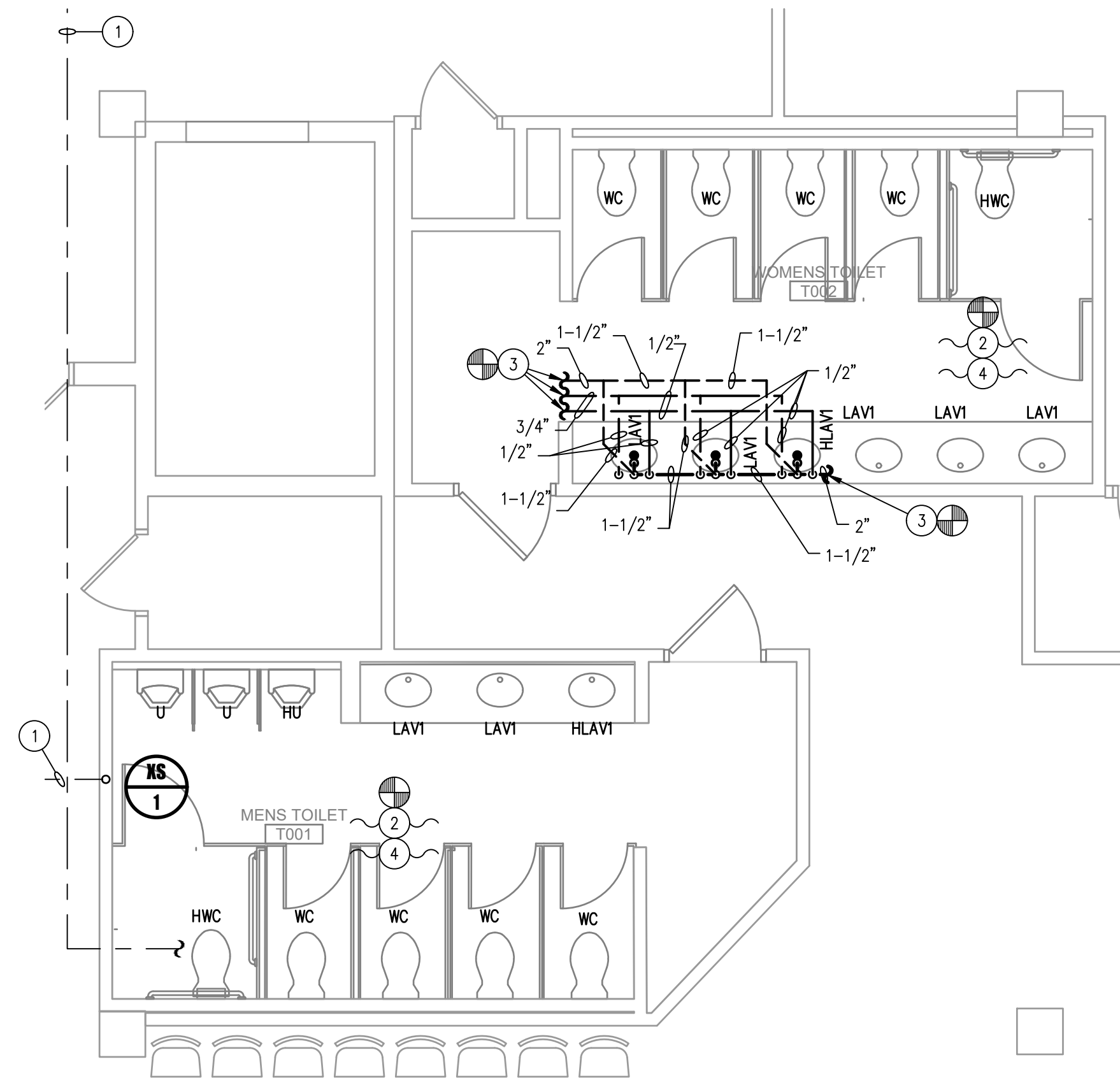


GENERAL NOTES:

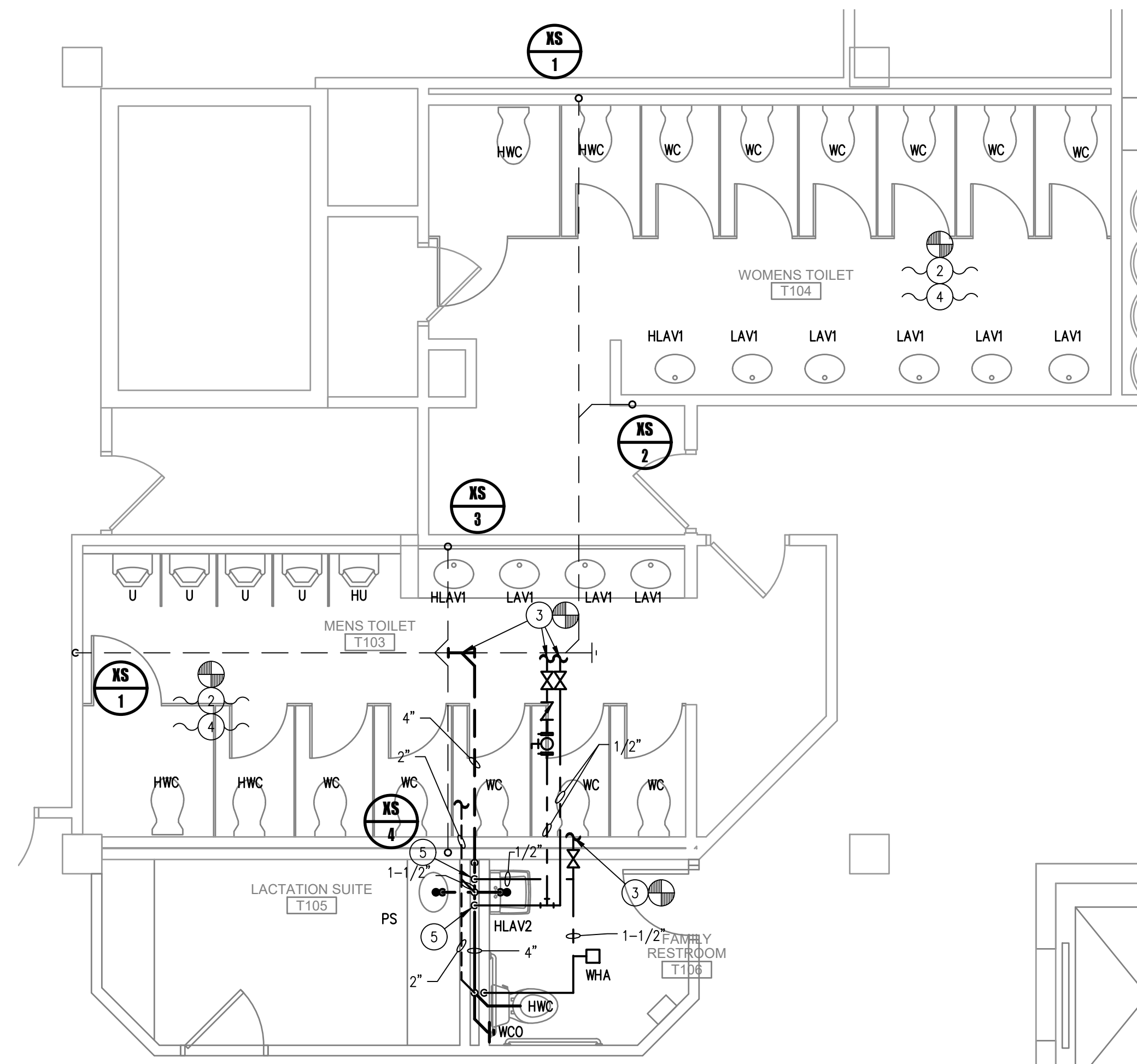
1. TAKE DOWN AND REINSTALL ALL CEILING AND CEILING-MOUNTED DEVICES REQUIRED TO CONSTRUCT THIS SCOPE.
2. INSULATE ALL DOMESTIC HOT AND COLD WATER PIPING.
3. PROVIDE ALL PIPE LABELS AND VALVE TAGS, REFER TO SPECIFICATIONS.
4. PROVIDE ACCESS PANELS FOR ALL WATER HAMMER ARRESTORS.
5. CONTRACTOR TO CONFIRM FUNCTIONALITY OF EXISTING PIPING, EQUIPMENT, WET COLUMNS, ETC. PRIOR TO MAKING CONNECTIONS. NOTIFY ENGINEER AND ARCHITECT IF ANY EXISTING PIPING, EQUIPMENT, WET COLUMNS, ETC. SPECIFIED TO BE USED AS PART OF THIS PROJECT ARE NO LONGER FUNCTIONAL.

DRAWING KEYED NOTES:

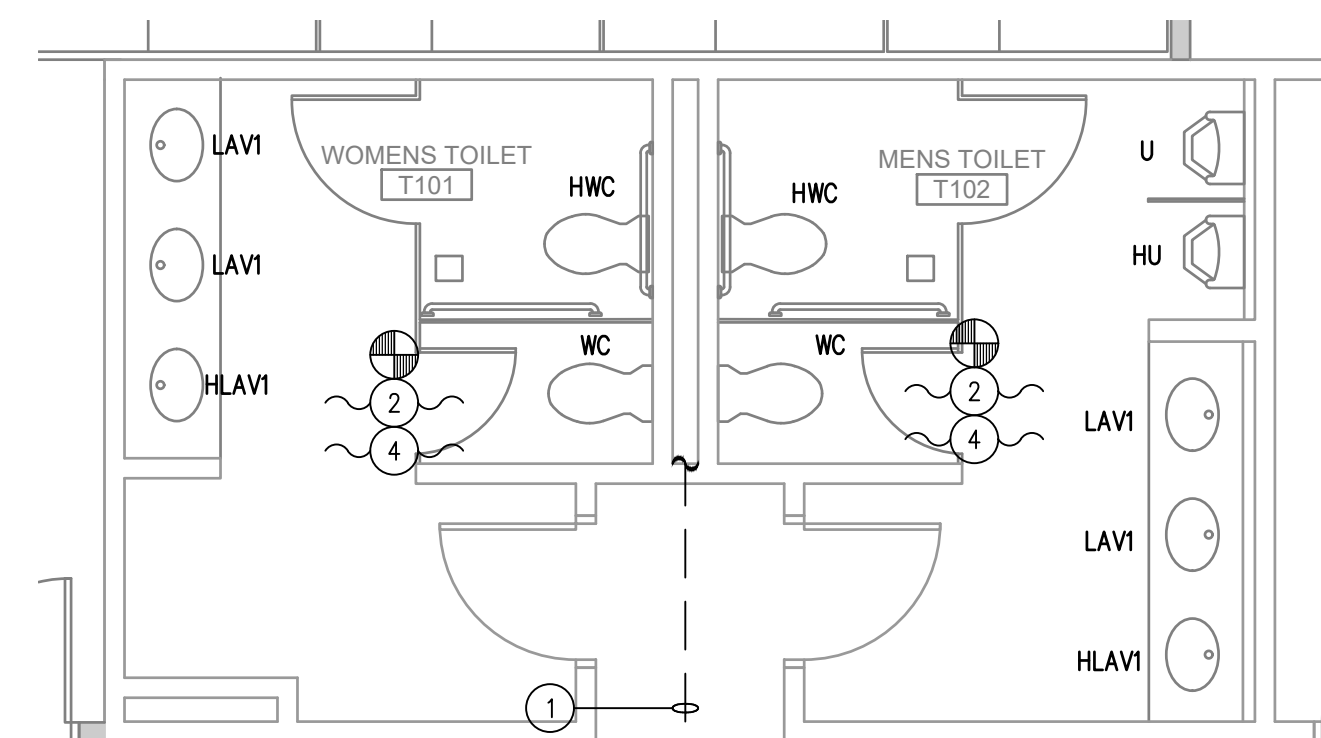
- 1 PIPING CONTINUES.
- 2 MODIFY EXISTING ROUGHING, AS REQUIRED, TO ACCOMMODATE NEW FIXTURE.
- 3 LOCATE AND CONNECT TO EXISTING PIPING.
- 4 LOCATE AND REPLACE EXISTING TRAP PRIMERS, AND WATER HAMMER ARRESTORS.
- 5 PROVIDE CONNECTION FOR FIXTURES ON BOTH SIDES OF THE WALL.



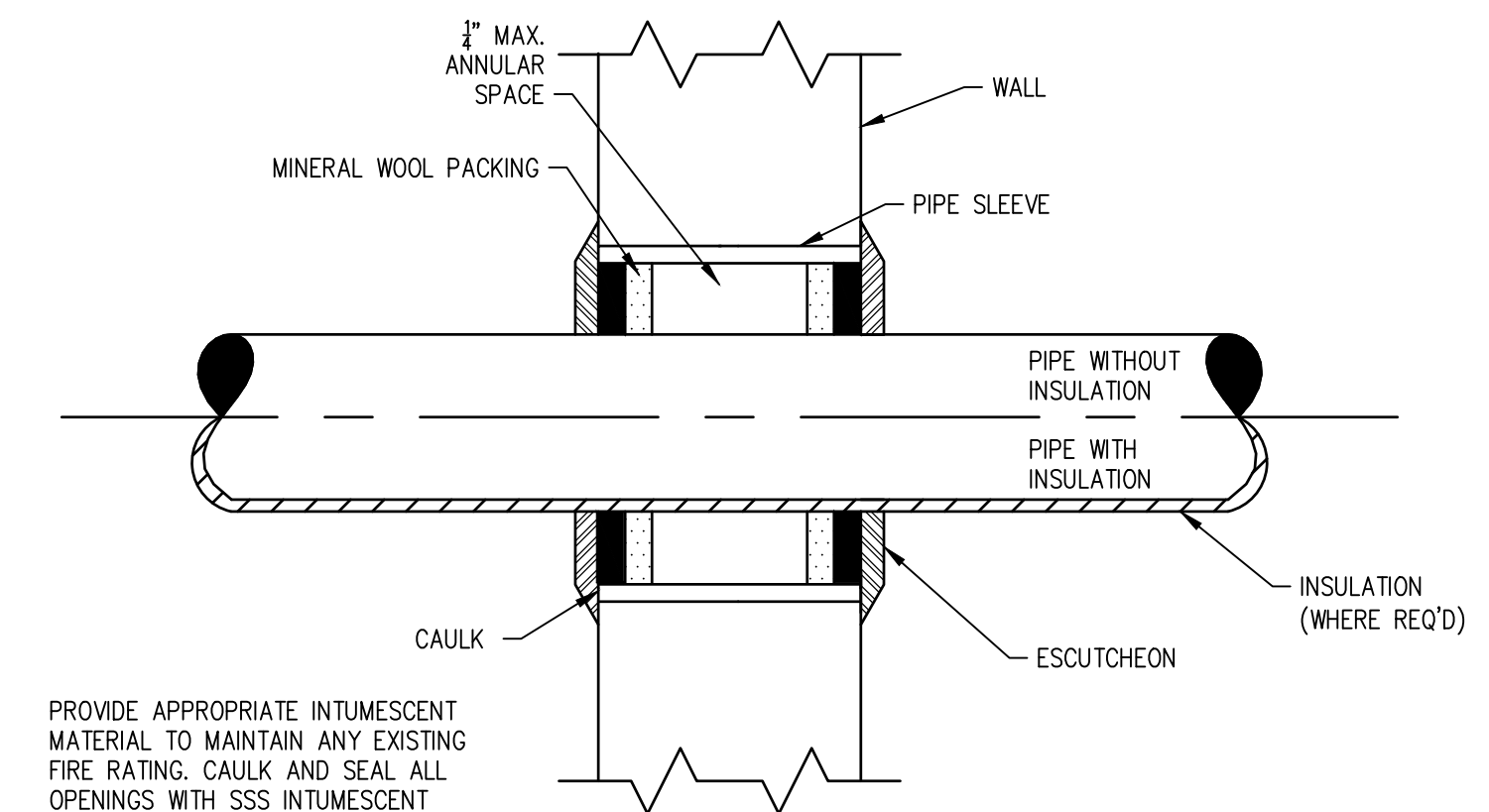
1 GROUND FLOOR RESTROOM PLAN
1/4" = 1'-0"



2 1ST FLOOR MAIN RESTROOM PLAN
1/4" = 1'-0"

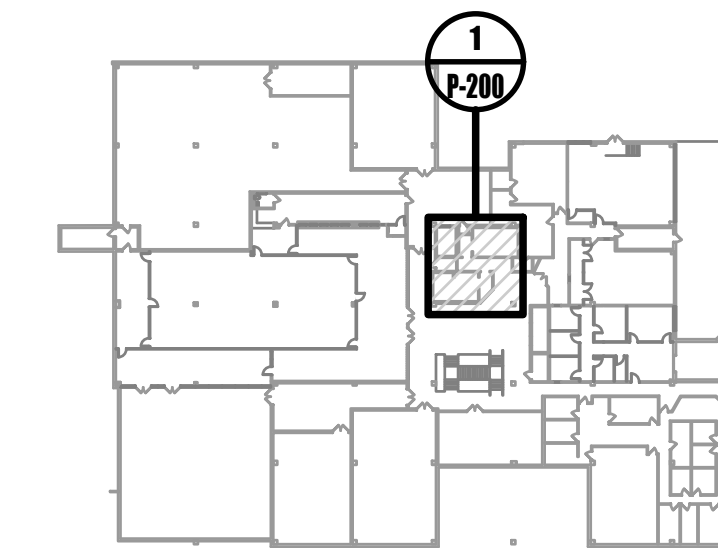


3 1ST FLOOR RESTROOM PLAN
1/4" = 1'-0"

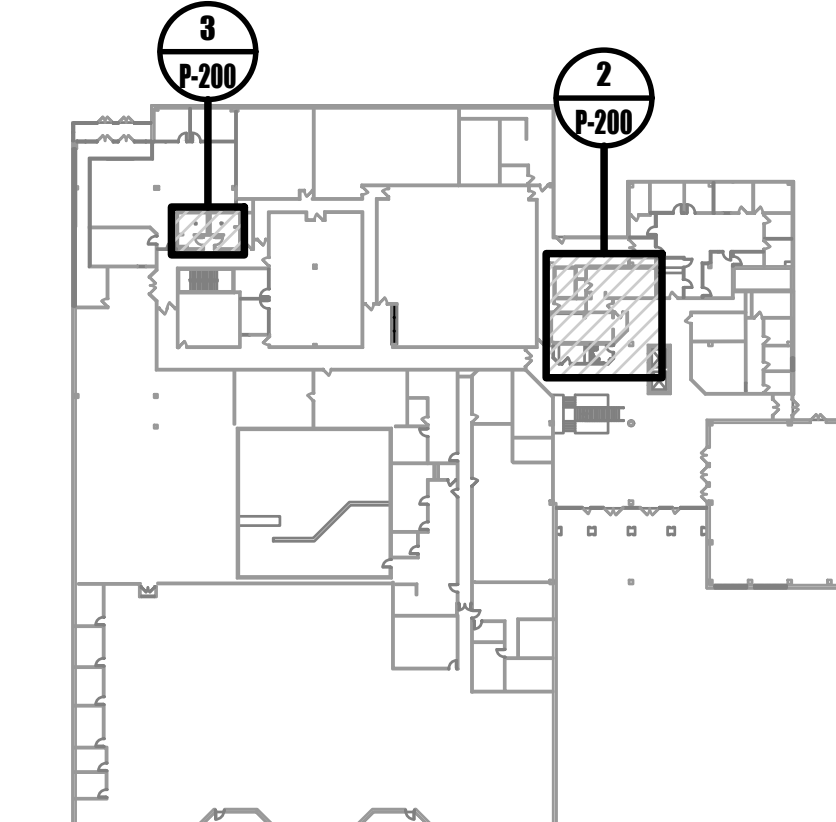


PROVIDE APPROPRIATE INTUMESCENT MATERIAL TO MAINTAIN ANY EXISTING FIRE RATING. CAULK AND SEAL ALL OPENINGS WITH SSS INTUMESCENT FIRESTOP SEALANT AS MANUFACTURED BY SPECIFIED TECHNOLOGIES, INC.

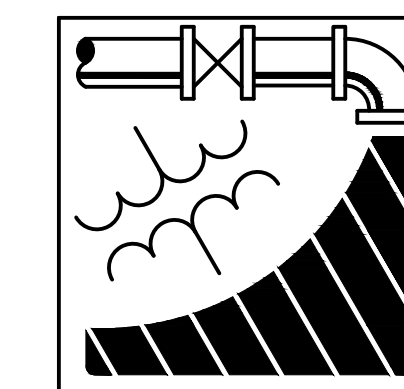
4 PIPE THROUGH INTERIOR WALL PARTITION
NOT TO SCALE



0 GROUND FLOOR KEY PLAN
NOT TO SCALE

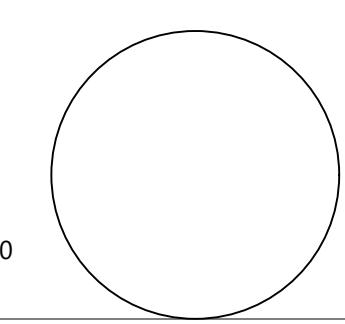


0 1ST FLOOR KEY PLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NETTAARCHITECTS
104# Route 22 West
New York, NY 10004
Phone: 878.370.0008
www.nettaarchitects.com
237 West 86th Street
New York, NY 10004
Phone: 212.777.2090
CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

PLUMBING GROUND AND 1ST FLOOR PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022

Scale AS SHOWN

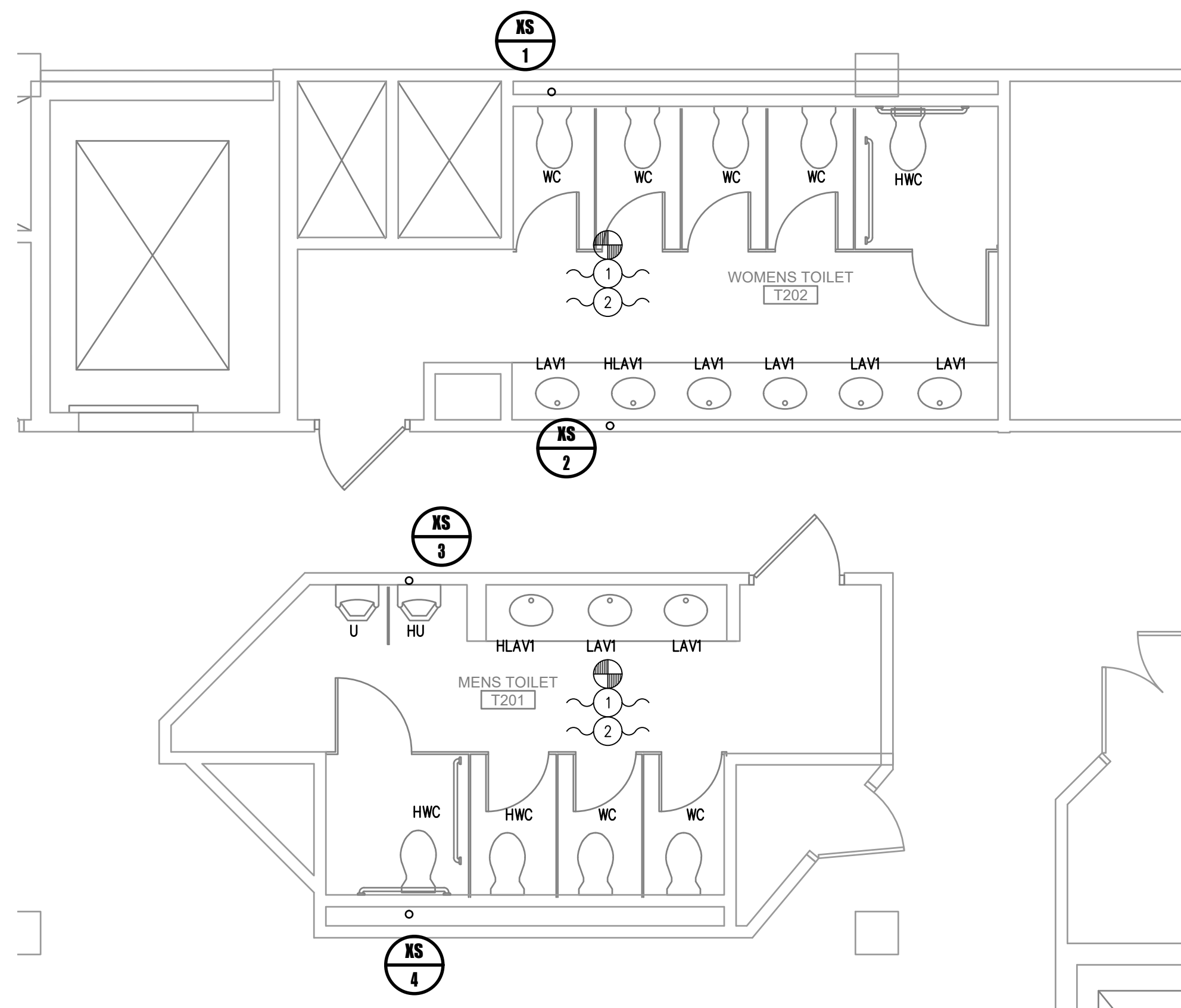
Drawn by JS

Checked by JNB

Job No. 2191488

Drawing No.

P-200



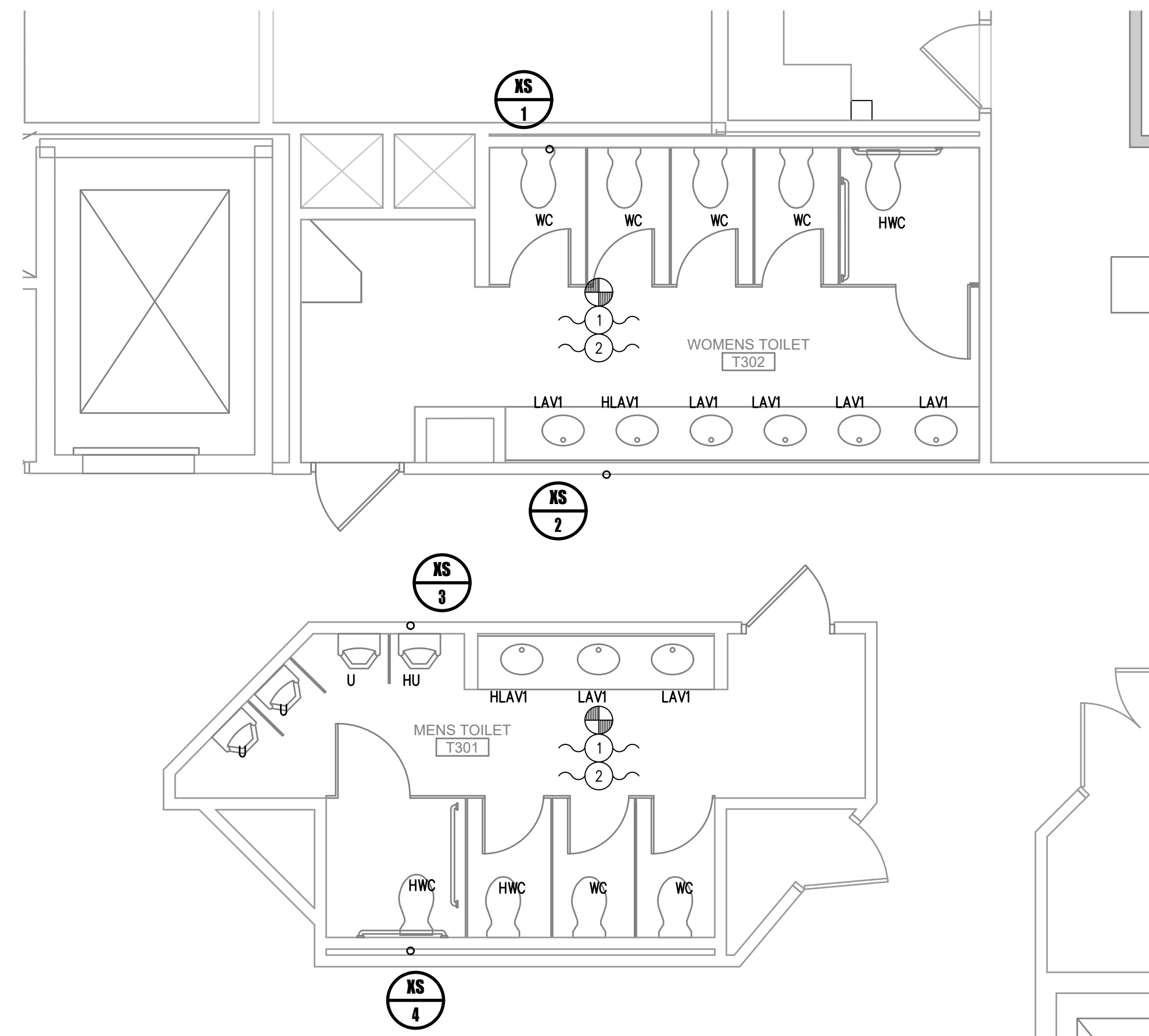
1 2ND FLOOR RESTROOM PLAN
1/4" = 1'-0"

GENERAL NOTES:

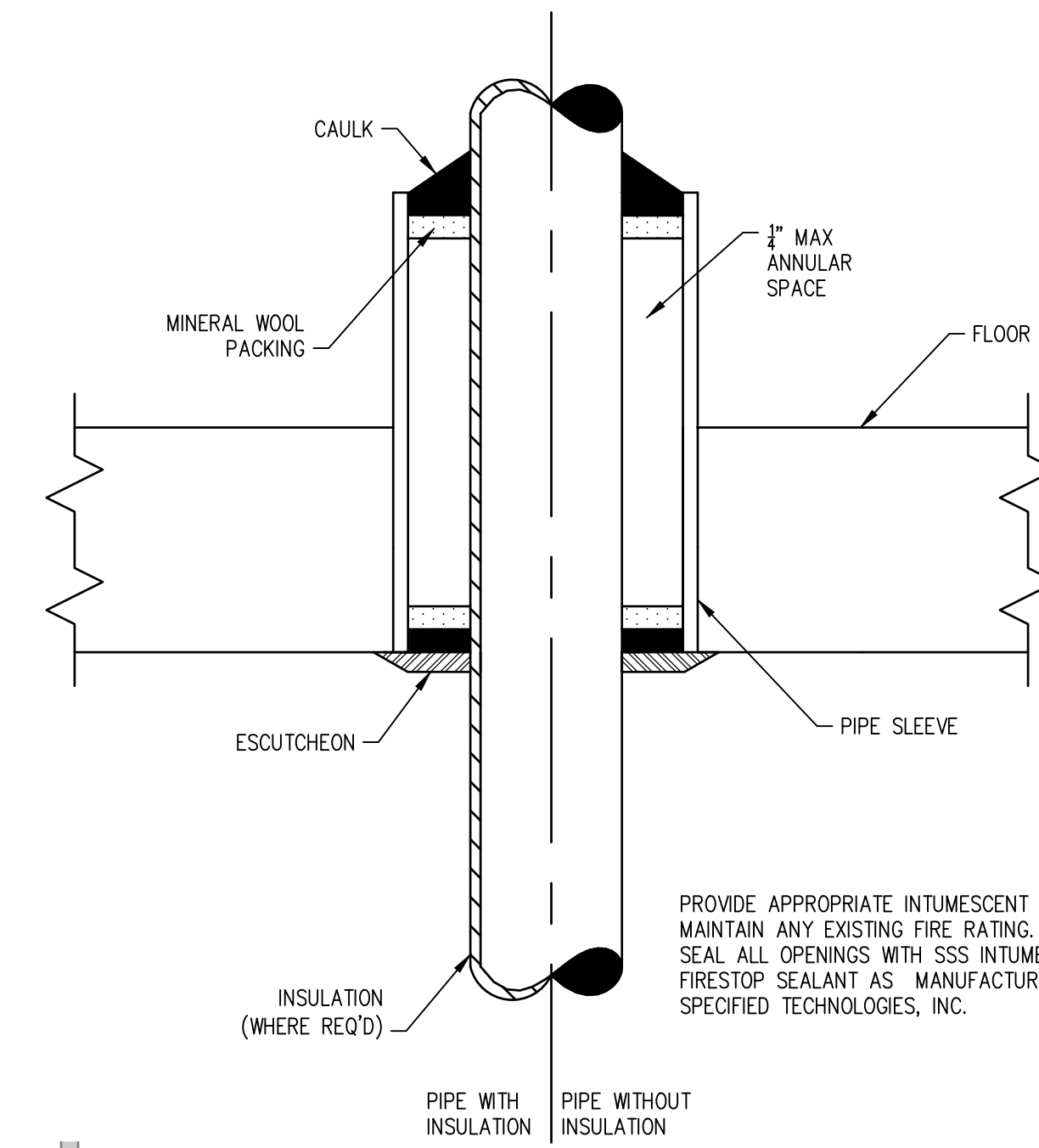
1. TAKE DOWN AND REINSTALL ALL CEILING AND CEILING-MOUNTED DEVICES REQUIRED TO CONSTRUCT THIS SCOPE.
2. INSULATE ALL DOMESTIC HOT AND COLD WATER PIPING.
3. PROVIDE ALL PIPE LABELS AND VALVE TAGS, REFER TO SPECIFICATIONS.
4. PROVIDE ACCESS PANELS FOR ALL WATER HAMMER ARRESTORS.
5. CONTRACTOR TO CONFIRM FUNCTIONALITY OF EXISTING PIPING, EQUIPMENT, WET COLUMNS, ETC. PRIOR TO MAKING CONNECTIONS. NOTIFY ENGINEER AND ARCHITECT IF ANY EXISTING PIPING, EQUIPMENT, WET COLUMNS, ETC. SPECIFIED TO BE USED AS PART OF THIS PROJECT ARE NO LONGER FUNCTIONAL.

DRAWING KEYED NOTES:

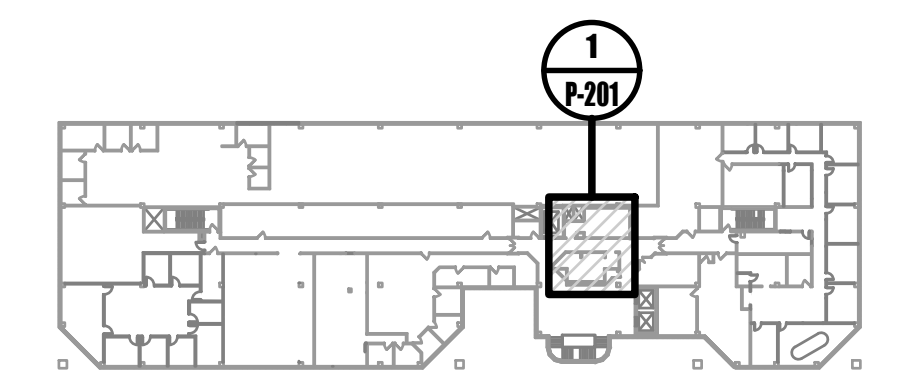
1. MODIFY EXISTING ROUGHING, AS REQUIRED, TO ACCOMMODATE NEW FIXTURE.
2. LOCATE AND REPLACE EXISTING TRAP PRIMERS, AND WATER HAMMER ARRESTORS.



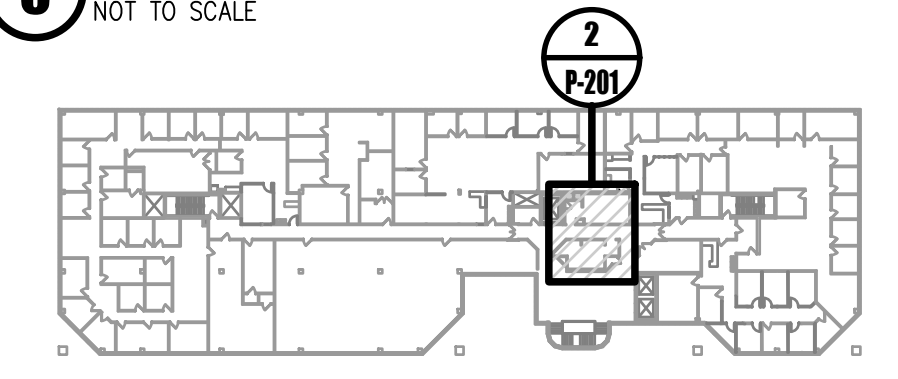
2 3RD FLOOR RRSTROOM PLAN
1/4" = 1'-0"



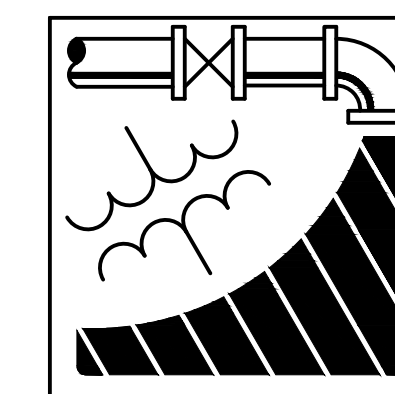
3 PIPE THROUGH FLOOR PENETRATION
NOT TO SCALE



0 2ND FLOOR KEY PLAN
NOT TO SCALE

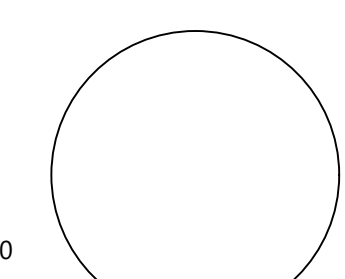


0 3RD FLOOR KEY PLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NETTAARCHITECTS
1004 Route 22 West
New York, NY 10004
Phone: 878.379.0008
www.nettaarchitects.com
237 West 86th Street
New York, NY 10004
Phone: 212.777.2090
CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.
These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

PLUMBING 2ND AND 3RD FLOOR PLAN

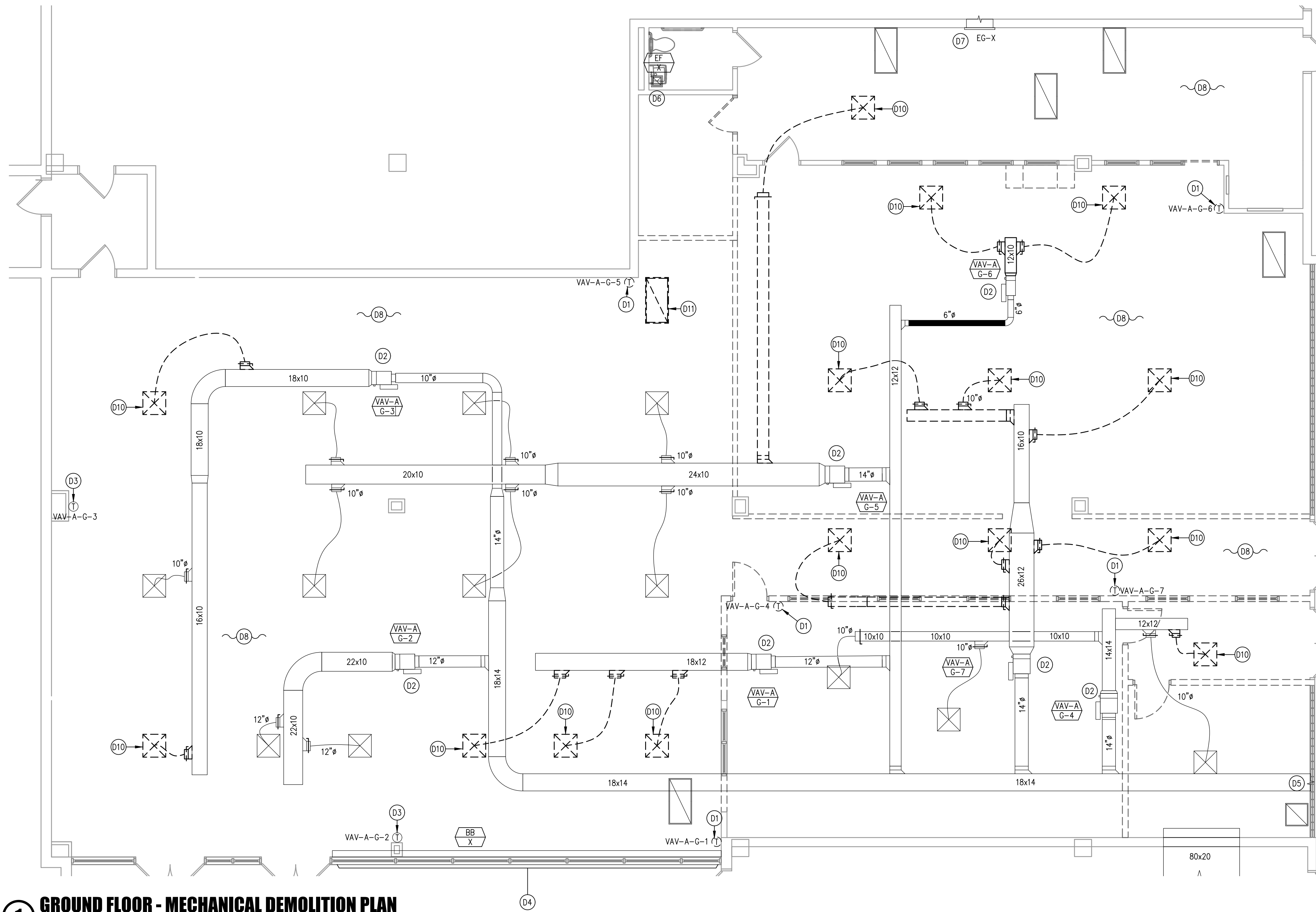
PROJECT TITLE:
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:
08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JS
Checked by	JNB
Job No.	2191488
Drawing No.	

P-201



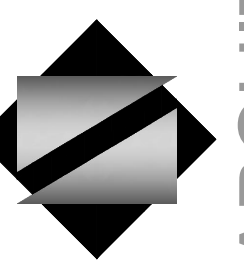
1 GROUND FLOOR - MECHANICAL DEMOLITION PLAN
3/16"=1'-0"

GENERAL DEMOLITION NOTES:

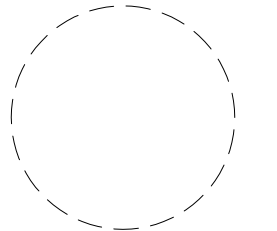
- COORDINATE ALL PHASING WITH ALL CONTRACTORS.
- OCCUPIED AREAS REQUIRE HVAC SYSTEMS TO BE OPERATIONAL THROUGHOUT CONSTRUCTION. HVAC SYSTEMS CAN BE SHUT DOWN ONLY AFTER HOURS. PLAN ALL WORK ACCORDINGLY.
- REMOVE ALL MISCELLANEOUS SUPPORTS, CONTROLS, WIRING, TUBING, ETC. FOR EXISTING EQUIPMENT, DUCTWORK, AND PIPING SPECIFIED TO BE REMOVED.
- FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
- PATCH AND SEAL EXISTING OPENINGS THAT ARE OBSOLETE FROM THE DEMOLITION.

DRAWING KEYED NOTES:

- D1 RELOCATE EXISTING THERMOSTAT. PROVIDE EXTENDED CONTROL WIRING AND ALL APURTANCES REQUIRED FOR A COMPLETE REINSTALLATION. SEE PLAN 1/M-200 FOR NEW LOCATION.
- D2 EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- D3 EXISTING THERMOSTAT TO REMAIN.
- D4 EXISTING BASEBOARD HEATER TO REMAIN.
- D5 EXISTING DUCTWORK CONTINUES TO SERVE ADJACENT SPACE.
- D6 EXISTING CEILING EXHAUST FAN TO REMAIN.
- D7 EXISTING TRANSFER DUCTWORK TO REMAIN.
- D8 ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- D9 REMOVE EXISTING EXHAUST GRILLE.
- D10 REMOVE EXISTING SUPPLY DIFFUSER.
- D11 REMOVE EXISTING RETURN GRILLE.



NETTA ARCHITECTS
1084 Route 22 West
North Plainfield, NJ 07062
Phone: 973.379.0068
www.nettaarchitects.com
237 West 86th Street
New York, NY 10064
Phone: 212.777.2090
CERTIFICATE OF AUTHORIZATION AC-438



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

GROUND FLOOR PARTIAL DEMOLITION PLAN

PROJECT TITLE:

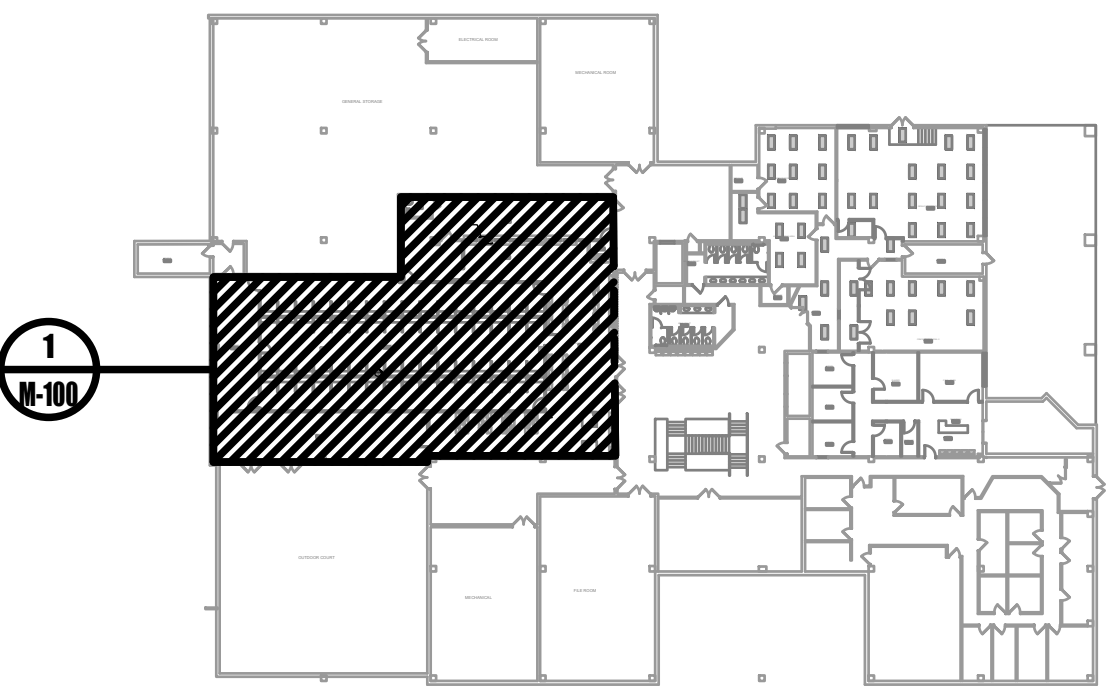
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

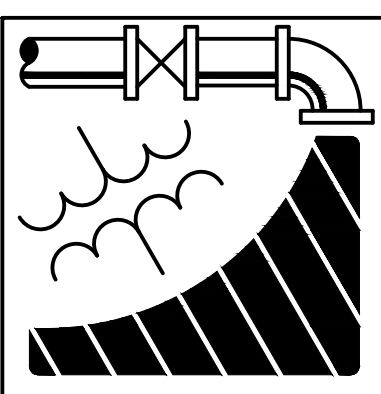
08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

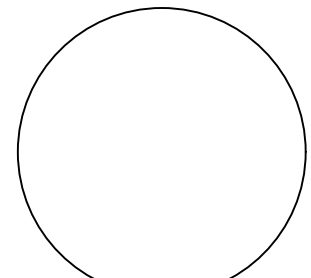
Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	



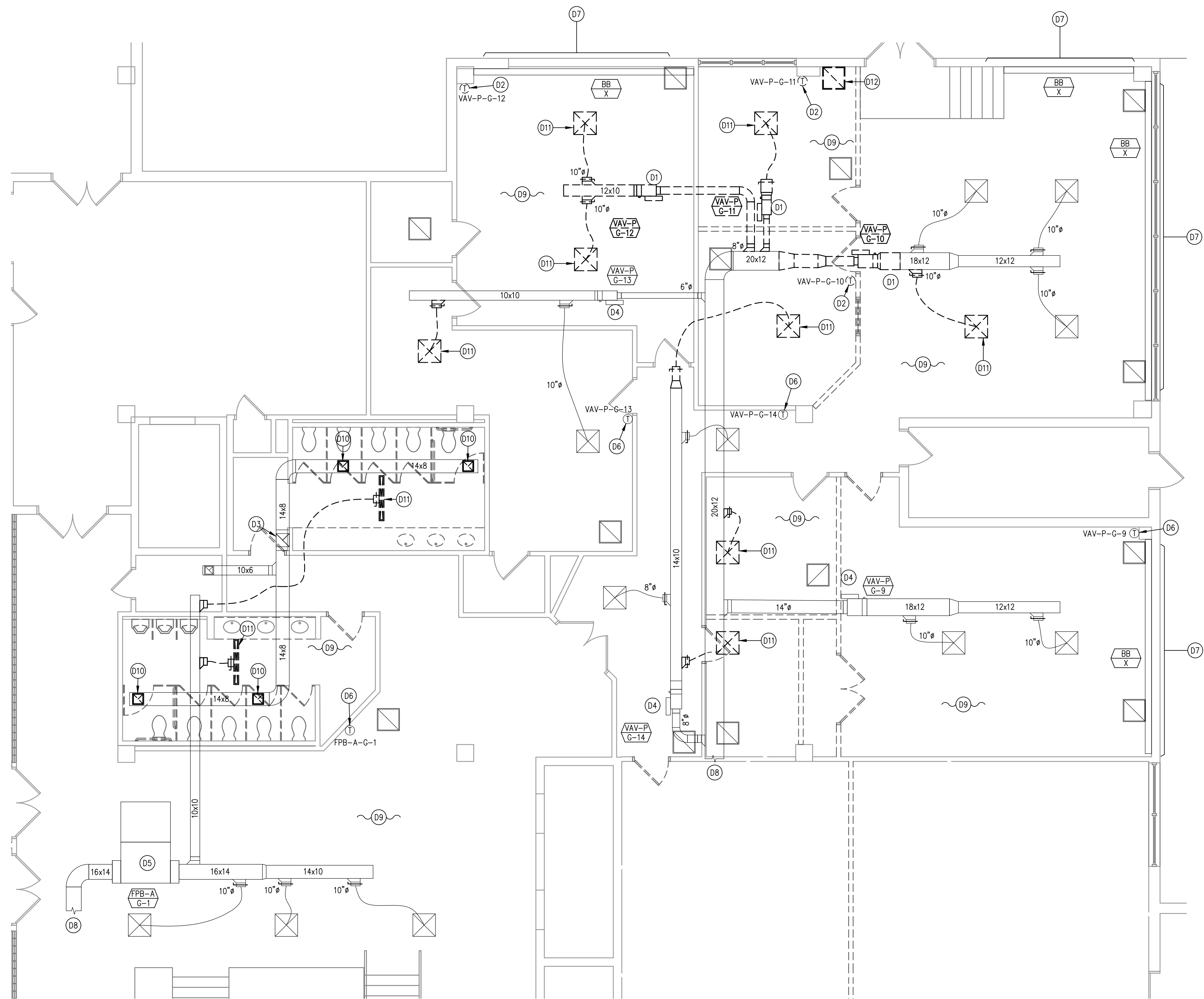
0 GROUND FLOOR KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228
Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



M-100



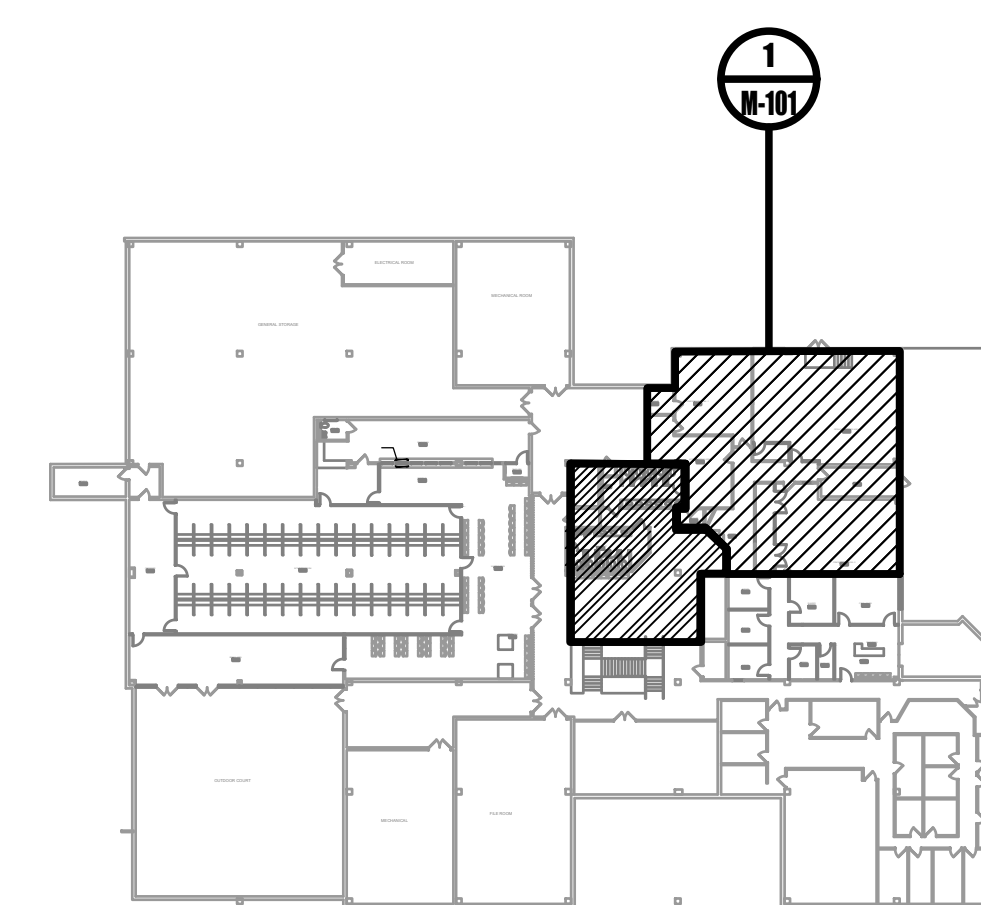
1 **GROUND FLOOR - MECHANICAL DEMOLITION PLAN**
 3/16"=1'-0"

GENERAL DEMOLITION NOTES:

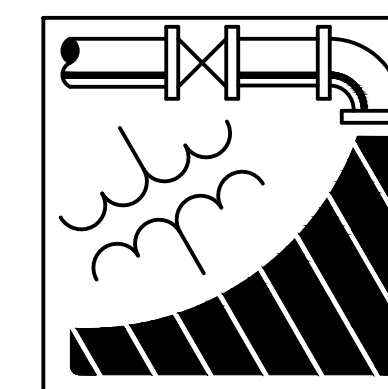
- COORDINATE ALL PHASING WITH ALL CONTRACTORS.
- OCCUPIED AREAS REQUIRE HVAC SYSTEMS TO BE OPERATIONAL THROUGHOUT CONSTRUCTION. HVAC SYSTEMS CAN BE SHUT DOWN ONLY AFTER HOURS. PLAN ALL WORK ACCORDINGLY.
- REMOVE ALL MISCELLANEOUS SUPPORTS, CONTROLS, WIRING, TUBING, ETC. FOR EXISTING EQUIPMENT, DUCTWORK, AND PIPING SPECIFIED TO BE REMOVED.
- FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
- PATCH AND SEAL EXISTING OPENINGS THAT ARE OBSOLETE FROM THE DEMOLITION.

DRAWING KEYED NOTES:

- (D1) REMOVE EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND ALL ASSOCIATED DUCTWORK, CONTROL VALVES, BRANCH PIPING, CONNECTIONS, TRANSISTIONS, CONTROLS, SUPPORTS, WIRING, ETC. BACK TO SOURCE.
- (D2) REMOVE EXISTING THERMOSTAT.
- (D3) EXISTING DUCTWORK CONTINUES UP TO SERVE THE FLOOR ABOVE.
- (D4) EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- (D5) EXISTING PARALLEL-FAN POWERED BOX, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- (D6) EXISTING THERMOSTAT TO REMAIN.
- (D7) EXISTING BASEBOARD HEATER TO REMAIN.
- (D8) EXISTING DUCTWORK CONTINUES TO ADJACENT SPACE.
- (D9) ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- (D10) REMOVE EXISTING EXHAUST GRILLE.
- (D11) REMOVE EXISTING SUPPLY DIFFUSER.
- (D12) REMOVE EXISTING RETURN GRILLE.



0 **GROUND FLOOR KEYPLAN**
 NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800

NETTA ARCHITECTS
 1084 Route 22 West
 Marlton, NJ 08053
 Phone: 878.370.0006
 www.nettaarchitects.com
 237 West 46th Street
 New York, NY 10004
 Phone: 212.777.2090
 CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541
 FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118
 MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160
 LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

GROUND FLOOR PARTIAL DEMOLITION PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

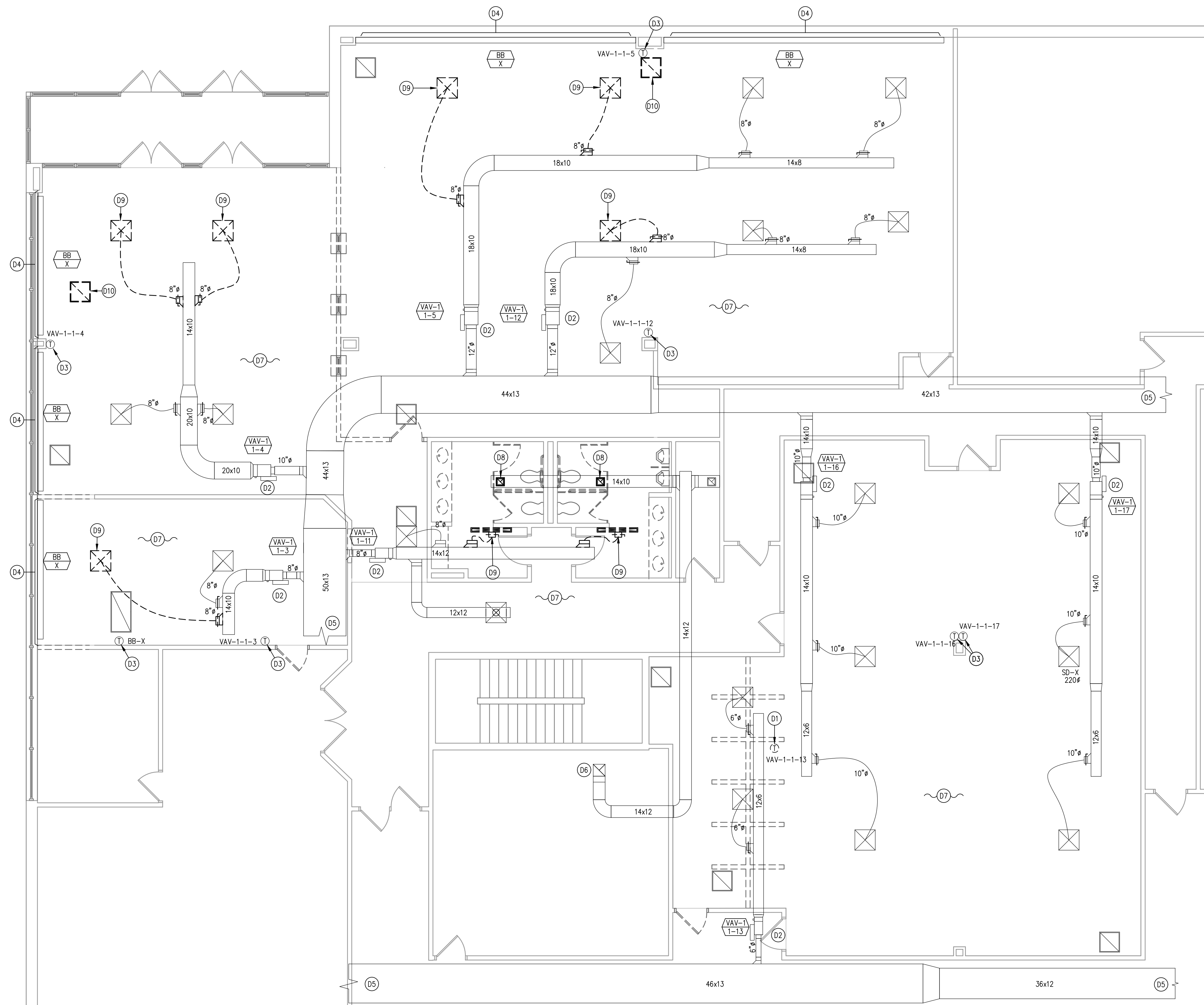
SUBMISSION:

08.22.2023 | BID SUBMISSION

DATE	REVISIONS	BY	REV

Date: 09.14.2022
 Scale: AS SHOWN
 Drawn by: JCS
 Checked by: JNB
 Job No.: 2191488
 Drawing No.: M-101

M-101



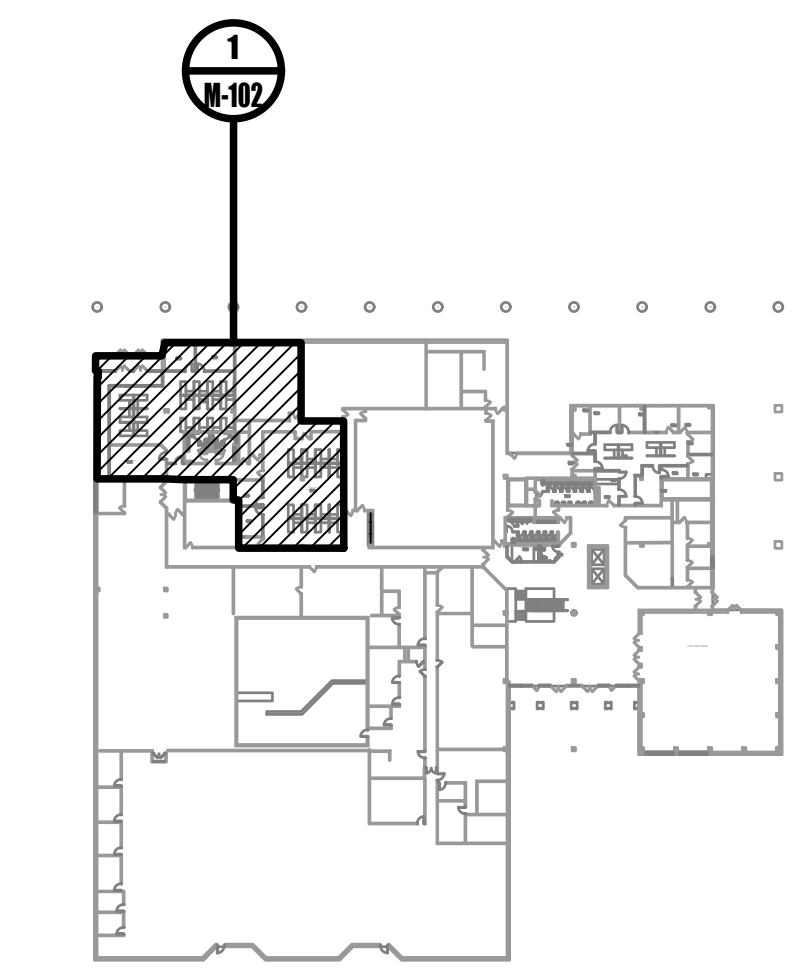
1 **FIRST FLOOR - MECHANICAL DEMOLITION PLAN**
 3/16"=1'-0"

GENERAL DEMOLITION NOTES:

- COORDINATE ALL PHASING WITH ALL CONTRACTORS.
- OCCUPIED AREAS REQUIRE HVAC SYSTEMS TO BE OPERATIONAL THROUGHOUT CONSTRUCTION. HVAC SYSTEMS CAN BE SHUT DOWN ONLY AFTER HOURS. PLAN ALL WORK ACCORDINGLY.
- REMOVE ALL MISCELLANEOUS SUPPORTS, CONTROLS, WIRING, TUBING, ETC. FOR EXISTING EQUIPMENT, DUCTWORK, AND PIPING SPECIFIED TO BE REMOVED.
- FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
- PATCH AND SEAL EXISTING OPENINGS THAT ARE OBSOLETE FROM THE DEMOLITION.

DRAWING KEYED NOTES:

- RELOCATE EXISTING THERMOSTAT. PROVIDE EXTENDED CONTROL WIRING AND ALL APPURTENANCES REQUIRED FOR A COMPLETE REINSTALLATION. SEE PLAN 1/M-202 FOR NEW LOCATION.
- EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- EXISTING THERMOSTAT TO REMAIN.
- EXISTING BASEBOARD HEATER TO REMAIN.
- EXISTING DUCTWORK CONTINUES TO ADJACENT SPACE.
- EXISTING DUCTWORK CONTINUES UP TO SERVE THE FLOOR ABOVE.
- ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- REMOVE EXISTING EXHAUST GRILLE.
- REMOVE EXISTING SUPPLY DIFFUSER.
- REMOVE EXISTING RETURN GRILLE.



0 **FIRST FLOOR KEYPLAN**
 NOT TO SCALE

237 West 56th Street
 New York, NY 10019
 Phone: 212.777.2090
 www.nettaarchitects.com
 CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

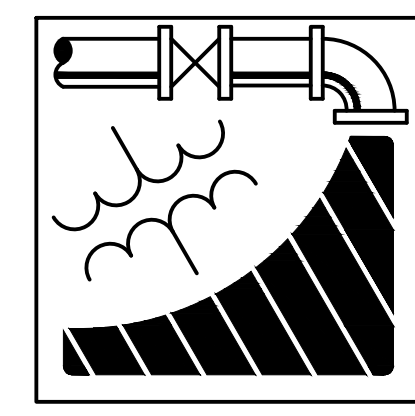
FIRST FLOOR PARTIAL DEMOLITION PLAN

PROJECT TITLE:
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:
 08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

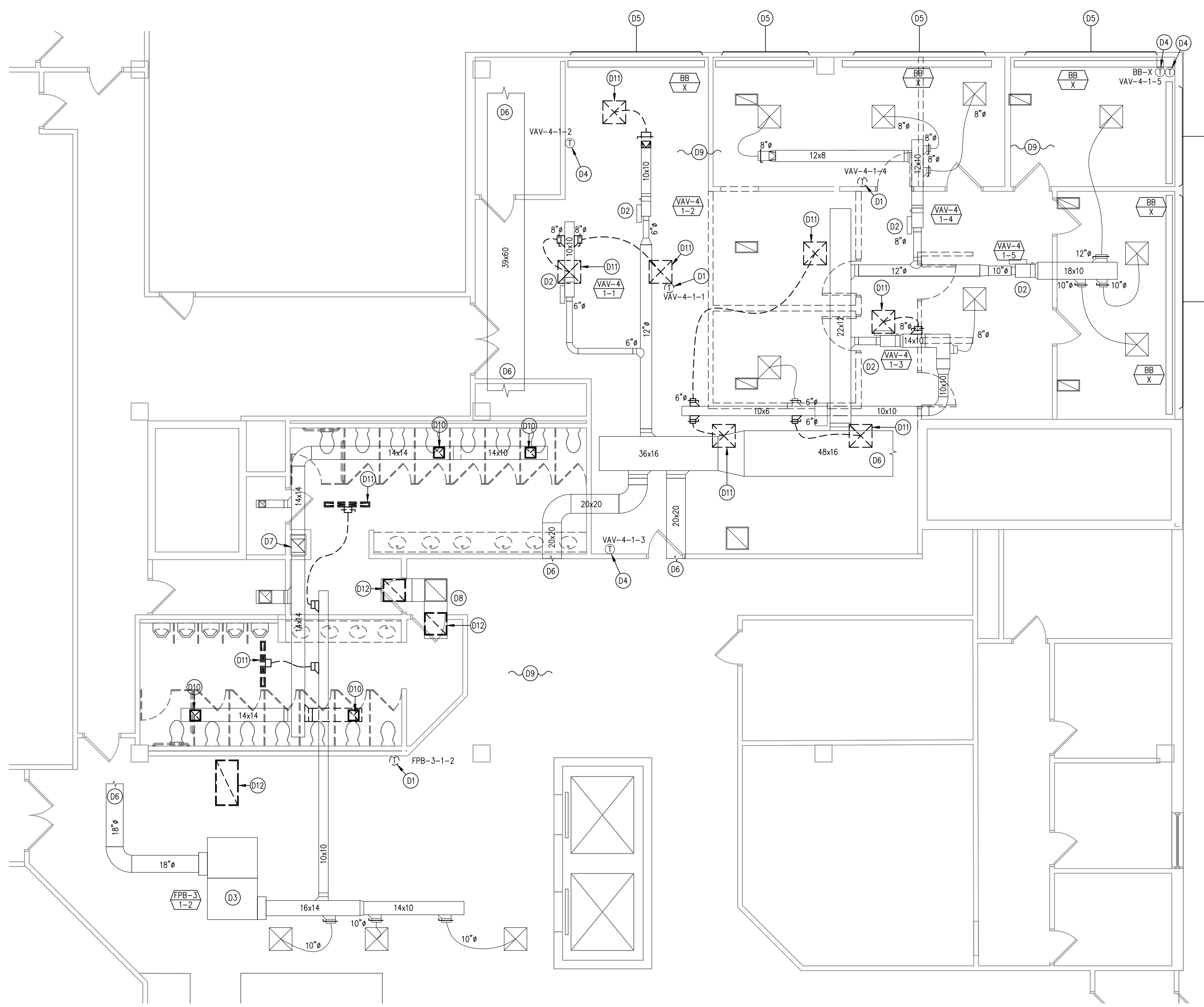
Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	



ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800

M-102



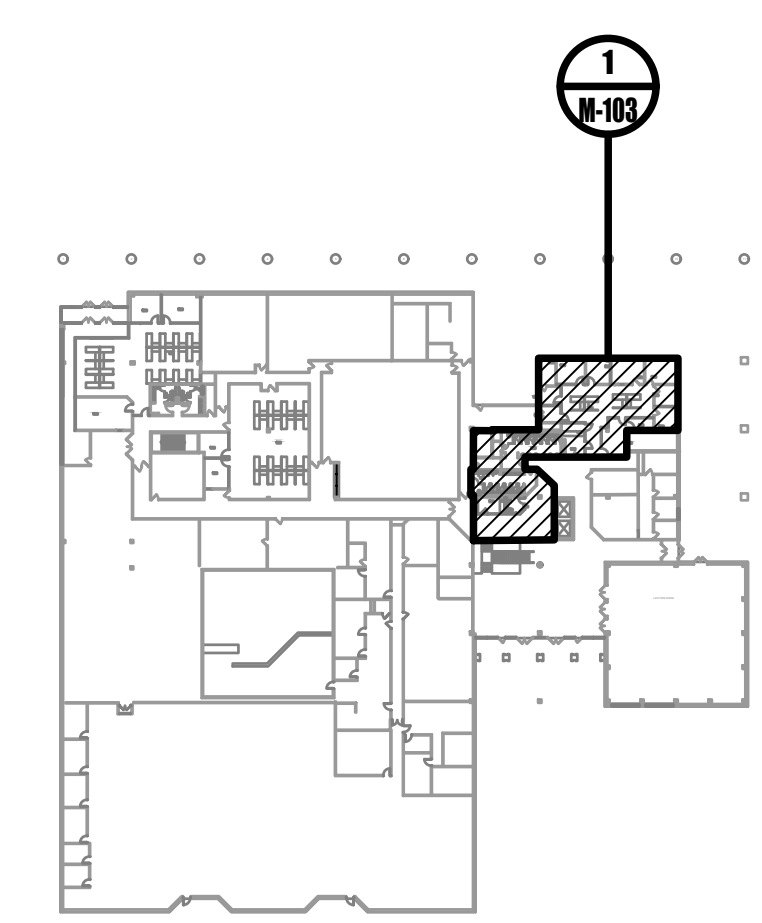
1 **FIRST FLOOR - MECHANICAL DEMOLITION PLAN**
3/16"=1'-0"

GENERAL DEMOLITION NOTES:

1. COORDINATE ALL PHASING WITH ALL CONTRACTORS.
2. OCCUPIED AREAS REQUIRE HVAC SYSTEMS TO BE OPERATIONAL THROUGHOUT CONSTRUCTION. HVAC SYSTEMS CAN BE SHUT DOWN ONLY AFTER HOURS. PLAN ALL WORK ACCORDINGLY.
3. REMOVE ALL MISCELLANEOUS SUPPORTS, CONTROLS, WIRING, TUBING, ETC. FOR EXISTING EQUIPMENT, DUCTWORK, AND PIPING SPECIFIED TO BE REMOVED.
4. FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
5. PATCH AND SEAL EXISTING OPENINGS THAT ARE OBSOLETE FROM THE DEMOLITION.

DRAWING KEYED NOTES:

- D1 RELOCATE EXISTING THERMOSTAT. PROVIDE EXTENDED CONTROL WIRING AND ALL APPLIANCES REQUIRED FOR A COMPLETE REINSTALLATION. SEE PLAN 1/M-203 FOR NEW LOCATION.
- D2 EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- D3 EXISTING PARALLEL-FAN POWERED BOX, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- D4 EXISTING THERMOSTAT TO REMAIN.
- D5 EXISTING BASEBOARD HEATER TO REMAIN.
- D6 EXISTING DUCTWORK CONTINUES TO ADJACENT SPACE.
- D7 EXISTING DUCTWORK CONTINUES UP TO SERVE THE FLOOR ABOVE.
- D8 EXISTING TRANSFER DUCTWORK TO REMAIN.
- D9 ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- D10 REMOVE EXISTING EXHAUST GRILLE.
- D11 REMOVE EXISTING SUPPLY DIFFUSER.
- D12 REMOVE EXISTING RETURN GRILLE.



0 **FIRST FLOOR KEYPLAN**
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

NETTAARCHITECTS
1084 Route 22 West
North Plainfield, NJ 07062
Phone: 973.370.0068
www.nettaarchitects.com
CERTIFICATE OF AUTHORIZATION AC-438
237 West 86th Street
New York, NY 10004
Phone: 212.777.2090

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

FIRST FLOOR PARTIAL DEMOLITION PLAN

PROJECT TITLE:

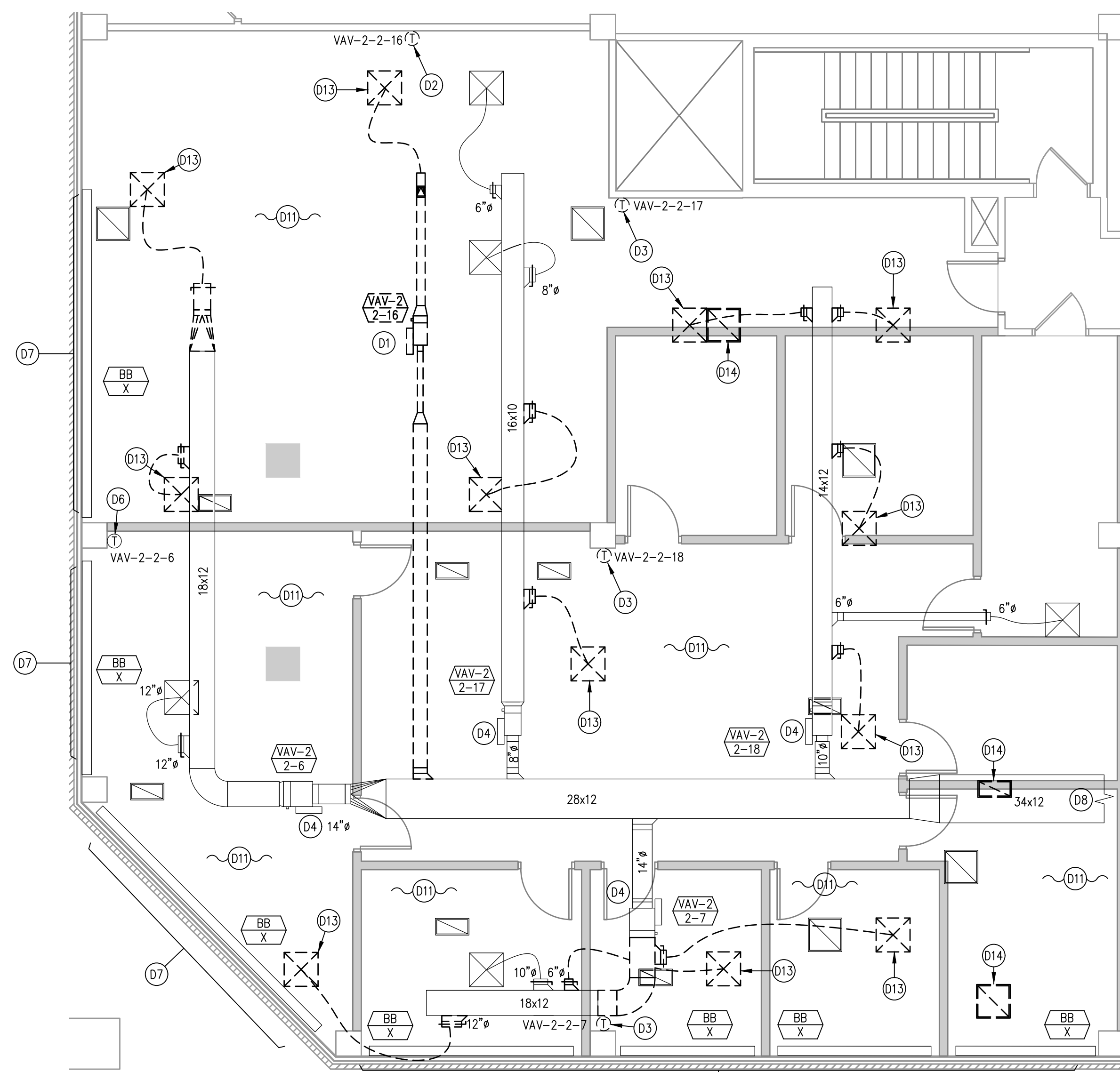
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:
08.22.2023 BID SUBMISSION

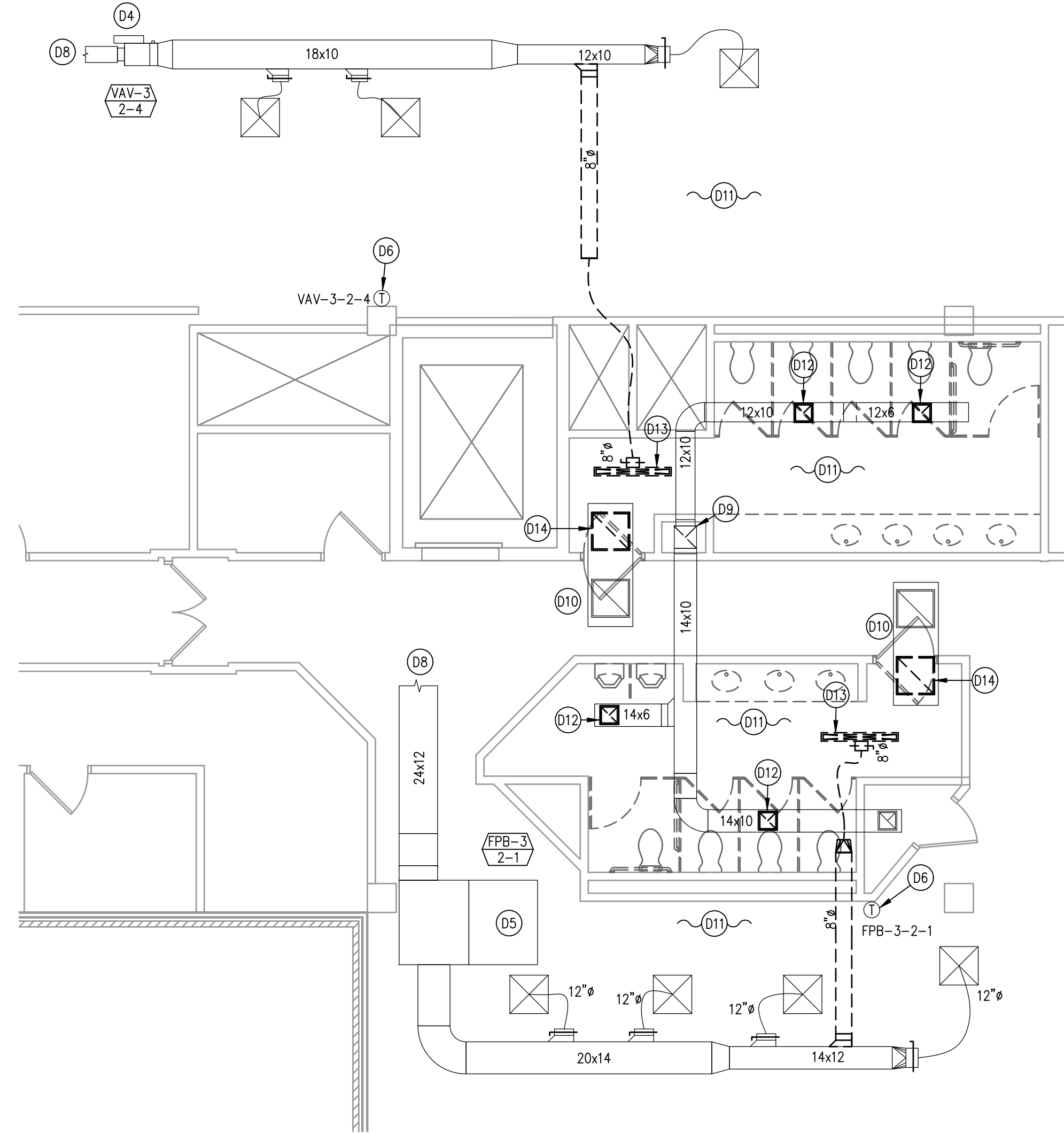
DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	

M-103



1 SECOND FLOOR - MECHANICAL DEMOLITION PLAN
3/16"=1'-0"



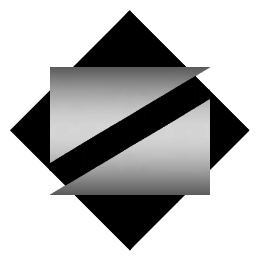
2 SECOND FLOOR - MECHANICAL DEMOLITION PLAN
3/16"=1'-0"

GENERAL DEMOLITION NOTES:

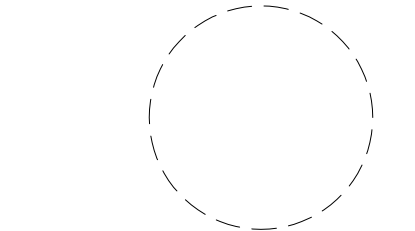
- COORDINATE ALL PHASING WITH ALL CONTRACTORS.
- OCCUPIED AREAS REQUIRE HVAC SYSTEMS TO BE OPERATIONAL THROUGHOUT CONSTRUCTION. HVAC SYSTEMS CAN BE SHUT DOWN ONLY AFTER HOURS. PLAN ALL WORK ACCORDINGLY.
- REMOVE ALL MISCELLANEOUS SUPPORTS, CONTROLS, WIRING, TUBING, ETC. FOR EXISTING EQUIPMENT, DUCTWORK, AND PIPING SPECIFIED TO BE REMOVED.
- FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
- PATCH AND SEAL EXISTING OPENINGS THAT ARE OBSOLETE FROM THE DEMOLITION.

DRAWING KEYED NOTES:

- (D1) REMOVE EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND ALL ASSOCIATED DUCTWORK, CONTROL VALVES, BRANCH PIPING, CONNECTIONS, TRANSISTIONS, CONTROLS, SUPPORTS, WIRING, ETC. BACK TO SOURCE.
- (D2) REMOVE EXISTING THERMOSTAT.
- (D3) RELOCATE EXISTING THERMOSTAT. PROVIDE EXTENDED CONTROL WIRING AND ALL APPURTENANCES REQUIRED FOR A COMPLETE REINSTALLATION. SEE PLAN 1/M-204 AND 2/M-204 FOR NEW LOCATION.
- (D4) EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- (D5) EXISTING PARALLEL-FAN POWERED BOX, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- (D6) EXISTING THERMOSTAT TO REMAIN.
- (D7) EXISTING BASEBOARD HEATER TO REMAIN.
- (D8) EXISTING DUCTWORK CONTINUES TO ADJACENT SPACE.
- (D9) EXISTING DUCTWORK CONTINUES UP TO SERVE THE FLOOR ABOVE.
- (D10) EXISTING TRANSFER DUCTWORK TO REMAIN.
- (D11) ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- (D12) REMOVE EXISTING EXHAUST GRILLE.
- (D13) REMOVE EXISTING SUPPLY DIFFUSER.
- (D14) REMOVE EXISTING RETURN GRILLE.



NETTAARCHITECTS
1004 Route 22 West
Suite 202
Westfield, NJ 07090
Phone: 973.370.0008
www.nettaarchitects.com
CERTIFICATE OF AUTHORIZATION AC-438
237 West 36th Street
New York, NY 10004
Phone: 212.777.2090



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

SECOND FLOOR PARTIAL DEMOLITION PLAN

PROJECT TITLE:

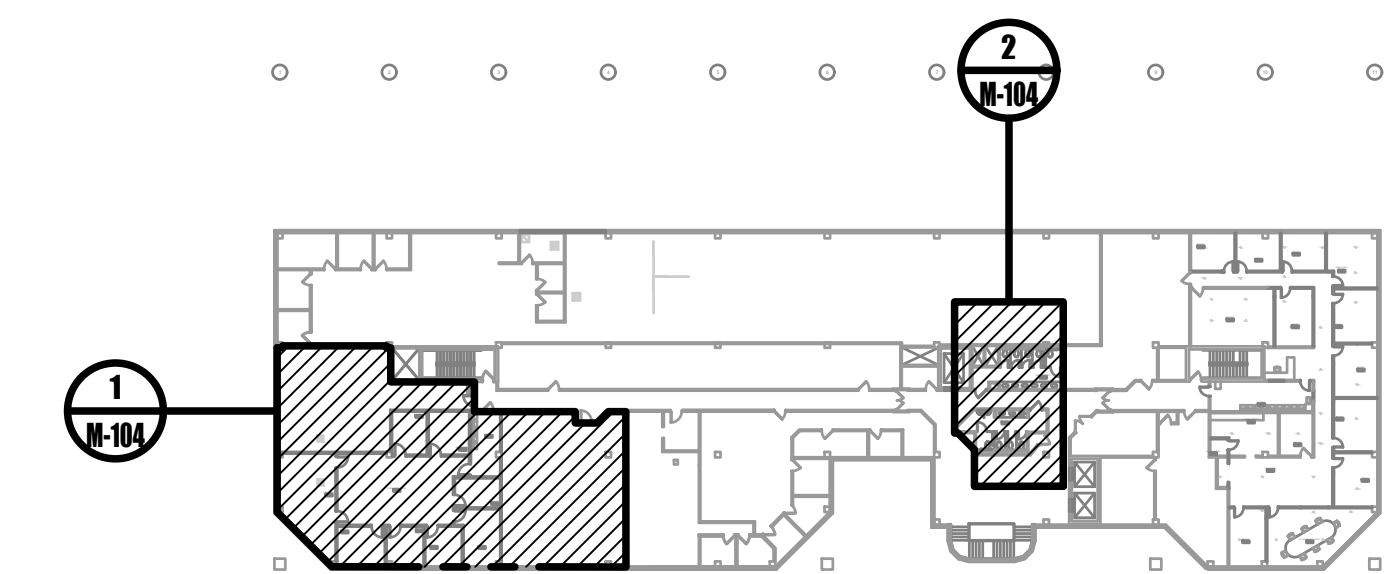
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

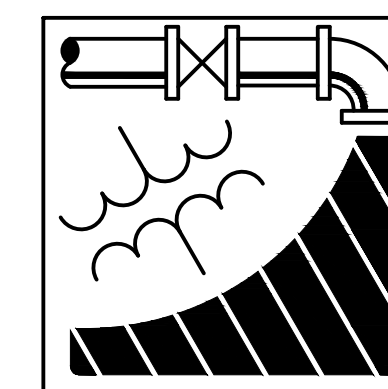
08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	

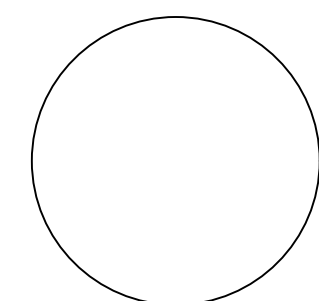


0 SECOND FLOOR KEYPLAN
NOT TO SCALE

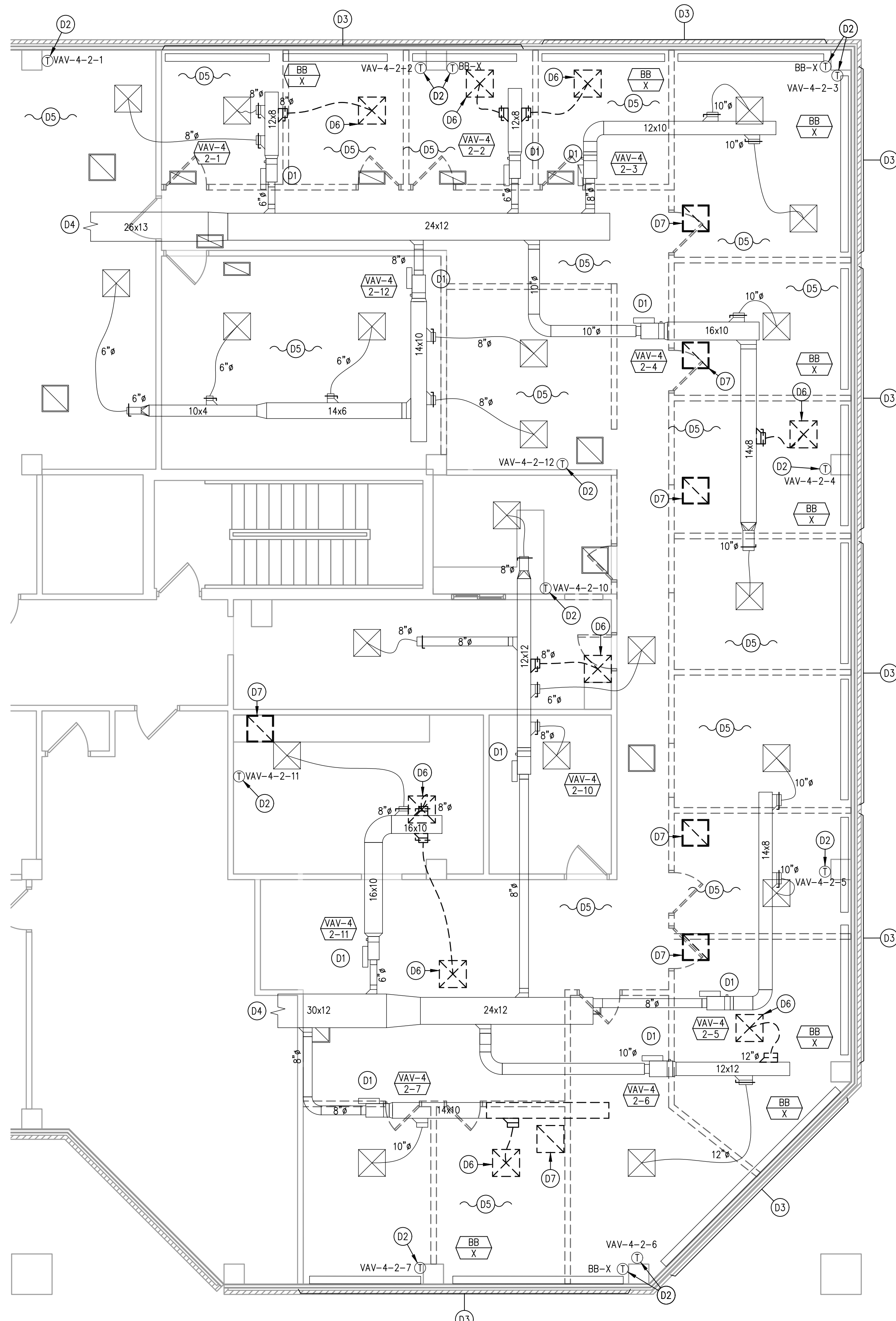


ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



M-104



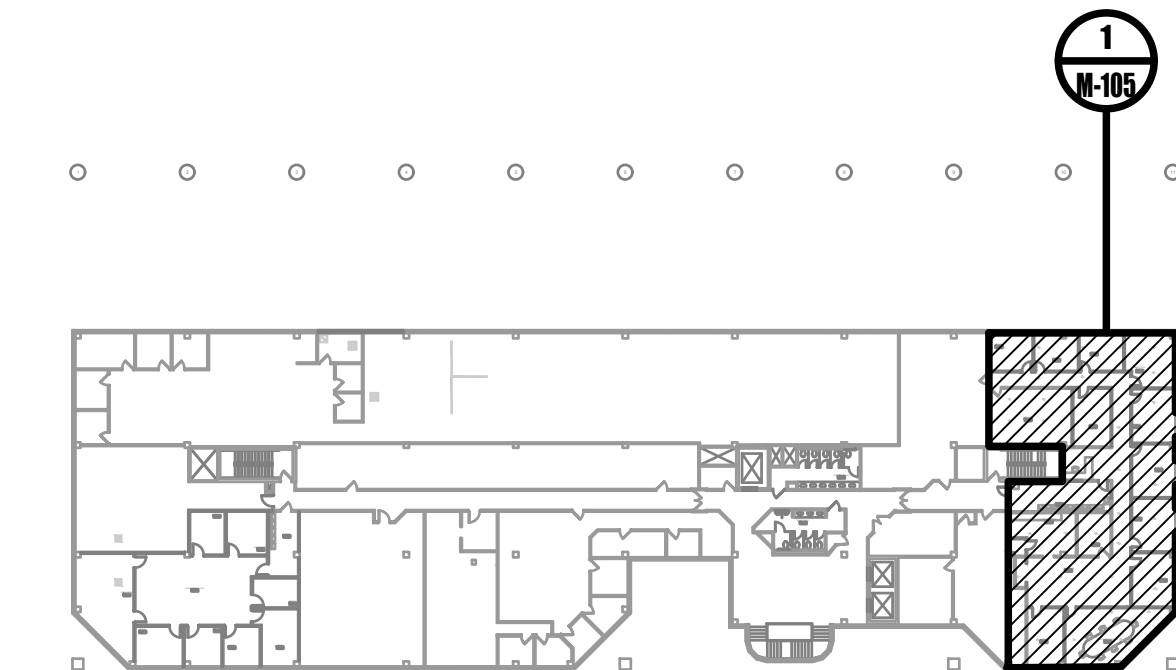
1 SECOND FLOOR - MECHANICAL DEMOLITION PLAN
 3/16"=1'-0"

GENERAL DEMOLITION NOTES:

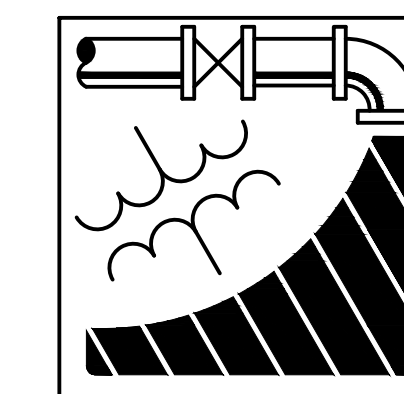
1. COORDINATE ALL PHASING WITH ALL CONTRACTORS.
2. OCCUPIED AREAS REQUIRE HVAC SYSTEMS TO BE OPERATIONAL THROUGHOUT CONSTRUCTION. HVAC SYSTEMS CAN BE SHUT DOWN ONLY AFTER HOURS. PLAN ALL WORK ACCORDINGLY.
3. REMOVE ALL MISCELLANEOUS SUPPORTS, CONTROLS, WRING, TUBING, ETC. FOR EXISTING EQUIPMENT, DUCTWORK, AND PIPING SPECIFIED TO BE REMOVED.
4. FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
5. PATCH AND SEAL EXISTING OPENINGS THAT ARE OBSOLETE FROM THE DEMOLITION.

DRAWING KEYED NOTES:

- (D1) EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- (D2) EXISTING THERMOSTAT TO REMAIN.
- (D3) EXISTING BASEBOARD HEATER TO REMAIN.
- (D4) EXISTING DUCTWORK CONTINUES TO ADJACENT SPACE.
- (D5) ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- (D6) REMOVE EXISTING SUPPLY DIFFUSER.
- (D7) REMOVE EXISTING RETURN GRILLE.



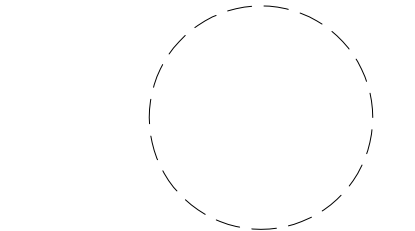
0 SECOND FLOOR KEYPLAN
 NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800

NETTAARCHITECTS
 287 West 86th Street
 New York, NY 10024
 Phone: 212.777.2090
 www.nettaarchitects.com
 CERTIFICATE OF AUTHORIZATION AC-438



NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541
 FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118
 MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160
 LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

SECOND FLOOR PARTIAL DEMOLITION PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

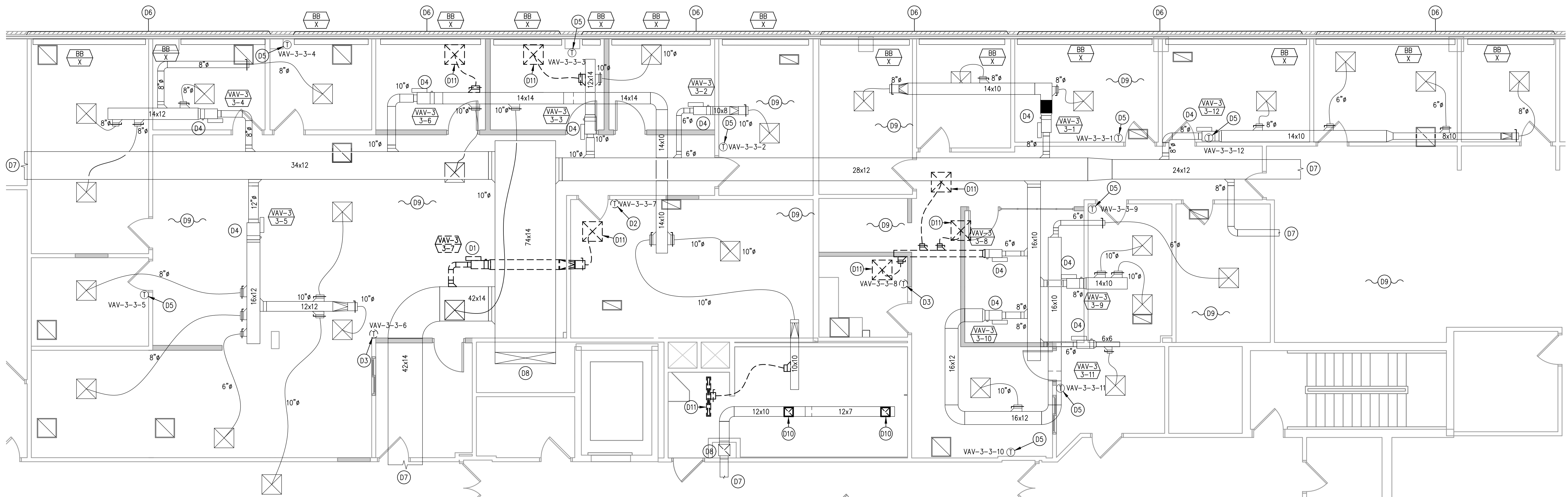
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	

M-105



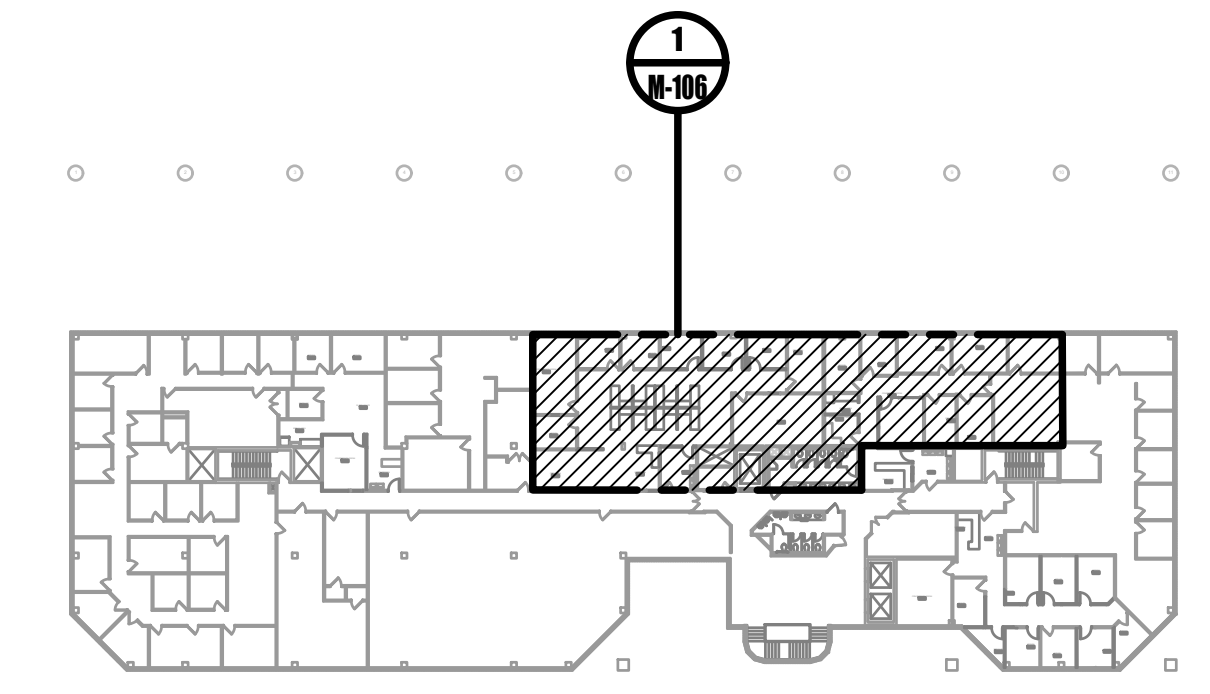
1 **THIRD FLOOR - MECHANICAL DEMOLITION PLAN**
3/16"=1'-0"

GENERAL DEMOLITION NOTES:

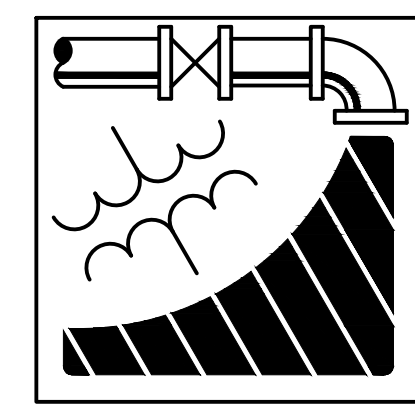
- COORDINATE ALL PHASING WITH ALL CONTRACTORS.
- OCCUPIED AREAS REQUIRE HVAC SYSTEMS TO BE OPERATIONAL THROUGHOUT CONSTRUCTION. HVAC SYSTEMS CAN BE SHUT DOWN ONLY AFTER HOURS. PLAN ALL WORK ACCORDINGLY.
- REMOVE ALL MISCELLANEOUS SUPPORTS, CONTROLS, WIRING, TUBING, ETC. FOR EXISTING EQUIPMENT, DUCTWORK, AND PIPING SPECIFIED TO BE REMOVED.
- FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
- PATCH AND SEAL EXISTING OPENINGS THAT ARE OBSOLETE FROM THE DEMOLITION.

DRAWING KEYED NOTES:

- (D1) REMOVE EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND ALL ASSOCIATED DUCTWORK, CONTROL VALVES, BRANCH PIPING, CONNECTIONS, TRANSITIONS, CONTROLS, SUPPORTS, WIRING, ETC. BACK TO SOURCE.
- (D2) REMOVE EXISTING THERMOSTAT.
- (D3) RELOCATE EXISTING THERMOSTAT. PROVIDE EXTENDED CONTROL WIRING AND ALL APPURTENANCES REQUIRED FOR A COMPLETE REINSTALLATION. SEE PLAN 1/M-204 AND 2/M-204 FOR NEW LOCATION.
- (D4) EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- (D5) EXISTING THERMOSTAT TO REMAIN.
- (D6) EXISTING BASEBOARD HEATER TO REMAIN.
- (D7) EXISTING DUCTWORK CONTINUES TO ADJACENT SPACE.
- (D8) EXISTING DUCTWORK CONTINUES UP TO SERVE THE FLOOR ABOVE.
- (D9) ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- (D10) REMOVE EXISTING EXHAUST GRILLE.
- (D11) REMOVE EXISTING SUPPLY DIFFUSER.

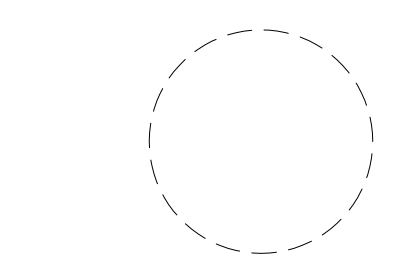
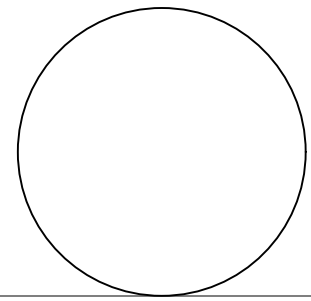


0 **THIRD FLOOR KEYPLAN**
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

THIRD FLOOR PARTIAL DEMOLITION PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

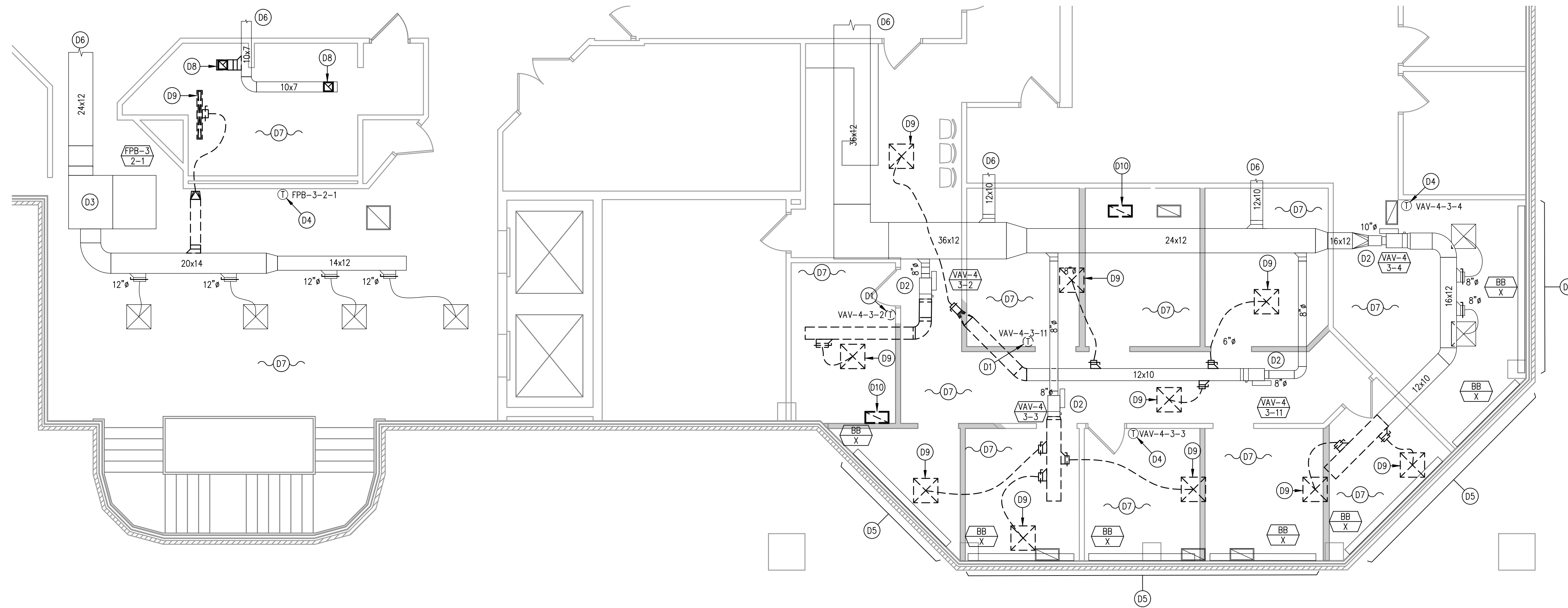
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	

M-106



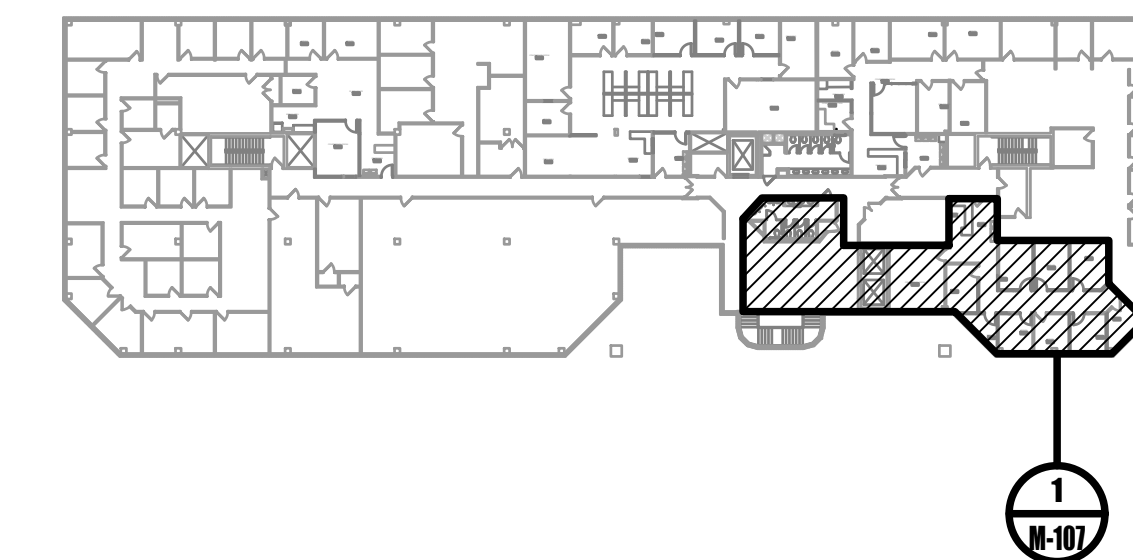
1 THIRD FLOOR - MECHANICAL DEMOLITION PLAN
3/16"=1'-0"

GENERAL DEMOLITION NOTES:

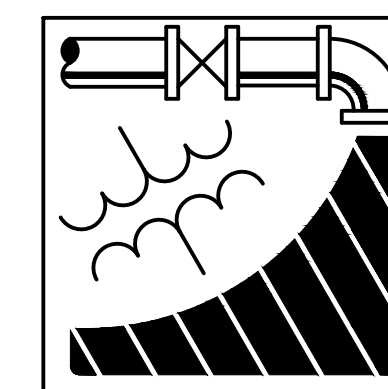
- COORDINATE ALL PHASING WITH ALL CONTRACTORS.
- OCCUPIED AREAS REQUIRE HVAC SYSTEMS TO BE OPERATIONAL THROUGHOUT CONSTRUCTION. HVAC SYSTEMS CAN BE SHUT DOWN ONLY AFTER HOURS. PLAN ALL WORK ACCORDINGLY.
- REMOVE ALL MISCELLANEOUS SUPPORTS, CONTROLS, WIRING, TUBING, ETC. FOR EXISTING EQUIPMENT, DUCTWORK, AND PIPING SPECIFIED TO BE REMOVED.
- FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
- PATCH AND SEAL EXISTING OPENINGS THAT ARE OBSOLETE FROM THE DEMOLITION.

DRAWING KEYED NOTES:

- (D1) RELOCATE EXISTING THERMOSTAT. PROVIDE EXTENDED CONTROL WIRING AND ALL APPURTENANCES REQUIRED FOR A COMPLETE REINSTALLATION. SEE PLAN 1/M-204 AND 2/M-204 FOR NEW LOCATION.
- (D2) EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- (D3) EXISTING PARALLEL-FAN POWERED BOX, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- (D4) EXISTING THERMOSTAT TO REMAIN.
- (D5) EXISTING BASEBOARD HEATER TO REMAIN.
- (D6) EXISTING DUCTWORK CONTINUES TO ADJACENT SPACE.
- (D7) ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- (D8) REMOVE EXISTING EXHAUST GRILLE.
- (D9) REMOVE EXISTING SUPPLY DIFFUSER.
- (D10) REMOVE EXISTING RETURN GRILLE.



0 THIRD FLOOR KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

THIRD FLOOR PARTIAL DEMOLITION PLAN

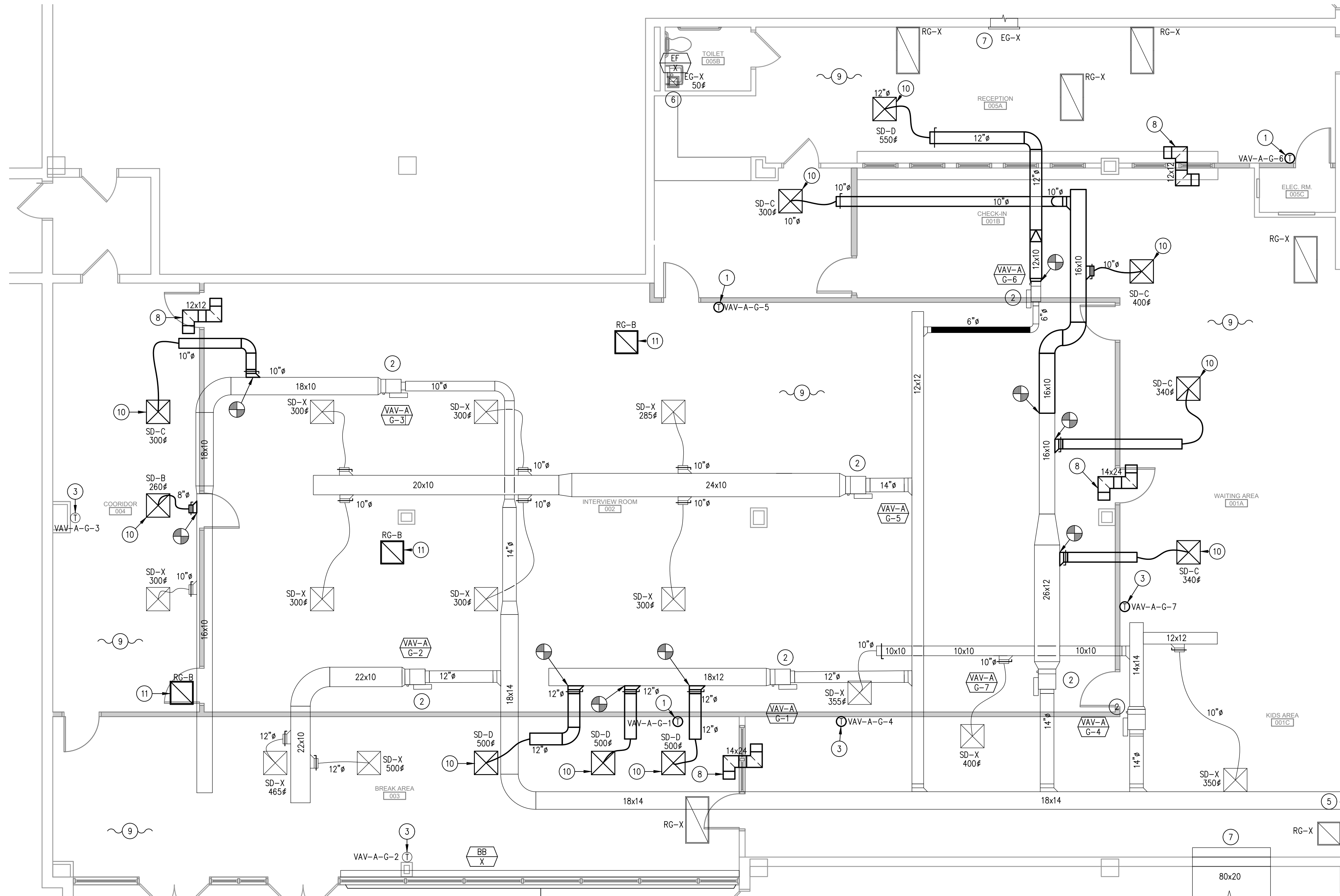
PROJECT TITLE:
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:
08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	

M-107



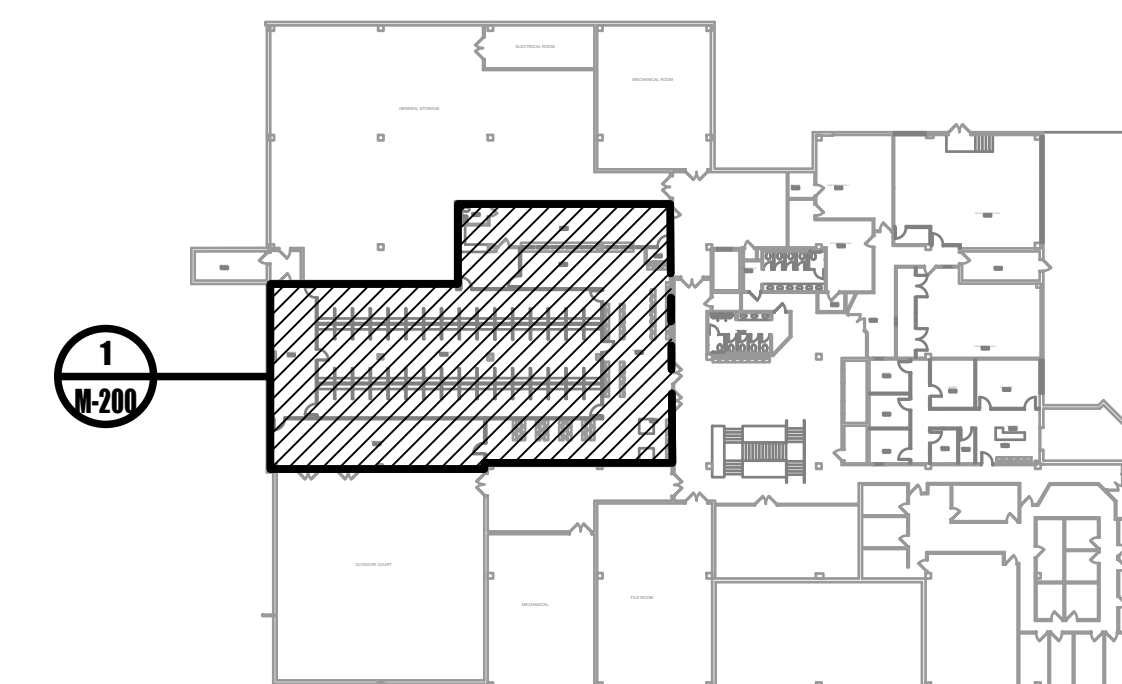
1 GROUND FLOOR - MECHANICAL PLAN
3/16"=1'-0"

GENERAL NOTES:

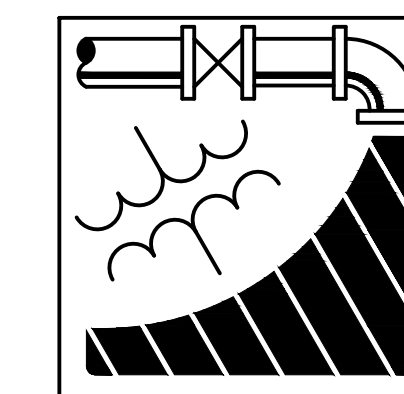
1. LABEL ALL WORK DUCTWORK AND TERMINAL UNITS AS SPECIFIED.
2. PROVIDE TESTING, ADJUSTING, AND BALANCING.
3. REFER TO DUCTWORK SUPPORT DETAILS ON SHEET M-300.
4. FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
5. PRIOR TO INSTALLATION, INSPECT DUCTWORK AND ENSURE THAT THE DUCTWORK IS IN CONDITION FOR USE. PATCH DUCTWORK OPENINGS APPROPRIATE TO DUCTWORK TO PREVENT AIR LEAKAGE AND MATCH EXISTING CONSTRUCTION IN COMPLIANCE TO APPLICABLE SMACNA STANDARDS AND THE INTERNATIONAL MECHANICAL CODE.
6. WHERE RETURN AIR GRILLES ARE INDICATED ON PLAN, CONFIRM PERIMETER WALLS ARE NOT FULL HEIGHT. IF WALLS ARE FULL HEIGHT, PROVIDE APPROPRIATE RETURN AIR TRANSFER DUCT.
7. TAKE DOWN CEILING, LIGHTS, SPRINKLERS, ETC. AS REQUIRED TO INSTALLATION OF EQUIPMENT, PIPING, AND DUCTWORK.
8. PATCH GENERAL CONSTRUCTION OPENINGS THAT ARE CREATED BY THE REMOVAL OF MECHANICAL COMPONENTS. MATCH EXISTING, ADJACENT CONSTRUCTION.
9. THE INTERSTITIAL SPACE ABOVE THE DROPPED ACOUSTIC CEILING IS UTILIZED AS A RETURN AIR PLENUM. ALL MATERIALS USED IN THE PLENUM SHALL MEET ASTM E84 FLAME AND SMOKE SPREAD DEVELOPMENT RATINGS OF 25/50.
10. MAINTAIN REQUIRED CLEARANCES FOR VARIABLE AIR VOLUME (VAV) TERMINAL UNITS. COORDINATE WITH ARCHITECT AND MODIFY DUCTWORK AND LINEAR DIFFUSERS AS REQUIRED.
11. COORDINATE WITH ARCHITECT TO ADDRESS ANY INSTANCES OF DUCTWORK AND FULL-HEIGHT WALL INTERSECTIONS PRIOR TO INSTALLATION. MODIFY DUCTWORK AS REQUIRED AND PROVIDE ALL APPURTENANCES REQUIRED FOR A COMPLETE INSTALLATION.

DRAWING KEYED NOTES:

- 1 RELOCATE EXISTING THERMOSTAT. PROVIDE EXTENDED CONTROL WIRING AND ALL APPURTENANCES REQUIRED FOR A COMPLETE REINSTALLATION.
- 2 EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- 3 EXISTING THERMOSTAT TO REMAIN.
- 4 EXISTING BASEBOARD HEATER TO REMAIN.
- 5 EXISTING DUCTWORK CONTINUES TO SERVE ADJACENT SPACE.
- 6 EXISTING CEILING FAN TO REMAIN.
- 7 EXISTING TRANSFER DUCTWORK TO REMAIN.
- 8 PROVIDE INTERNALLY LINED RETURN AIR TRANSFER DUCTWORK ABOVE FINISHED CEILING.
- 9 ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- 10 PROVIDE SUPPLY DIFFUSER.
- 11 PROVIDE RETURN GRILLE.



0 GROUND FLOOR KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineeredriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NETTA ARCHITECTS
1084 Route 22 West
North Plainfield
New Jersey 07063
Phone: 973.370.0008
www.nettaarchitects.com
CERTIFICATE OF AUTHORIZATION AC-438
237 West 36th Street
New York, NY 10004
Phone: 212.777.2090

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

GROUND FLOOR PARTIAL MECHANICAL PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

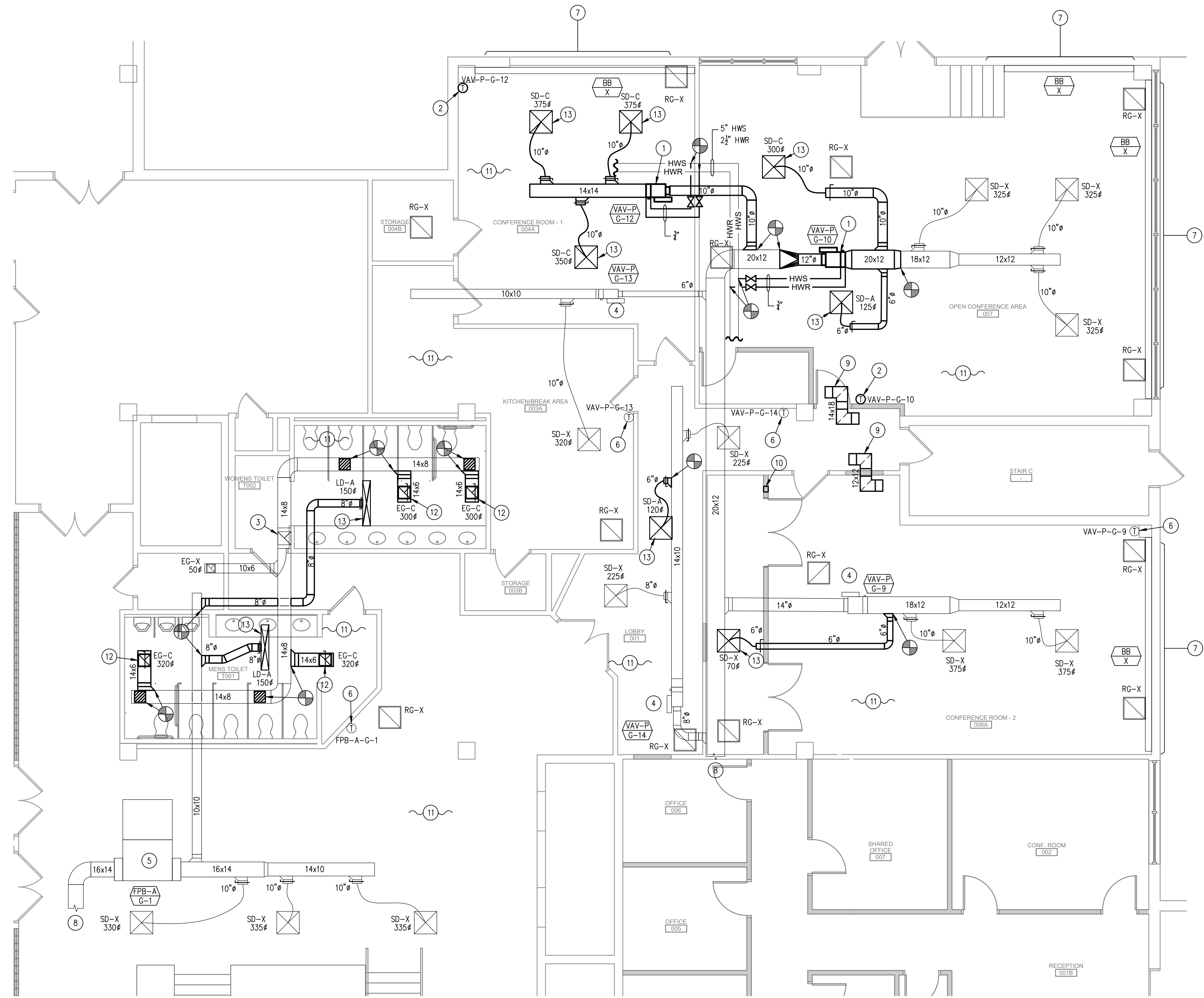
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	

M-200



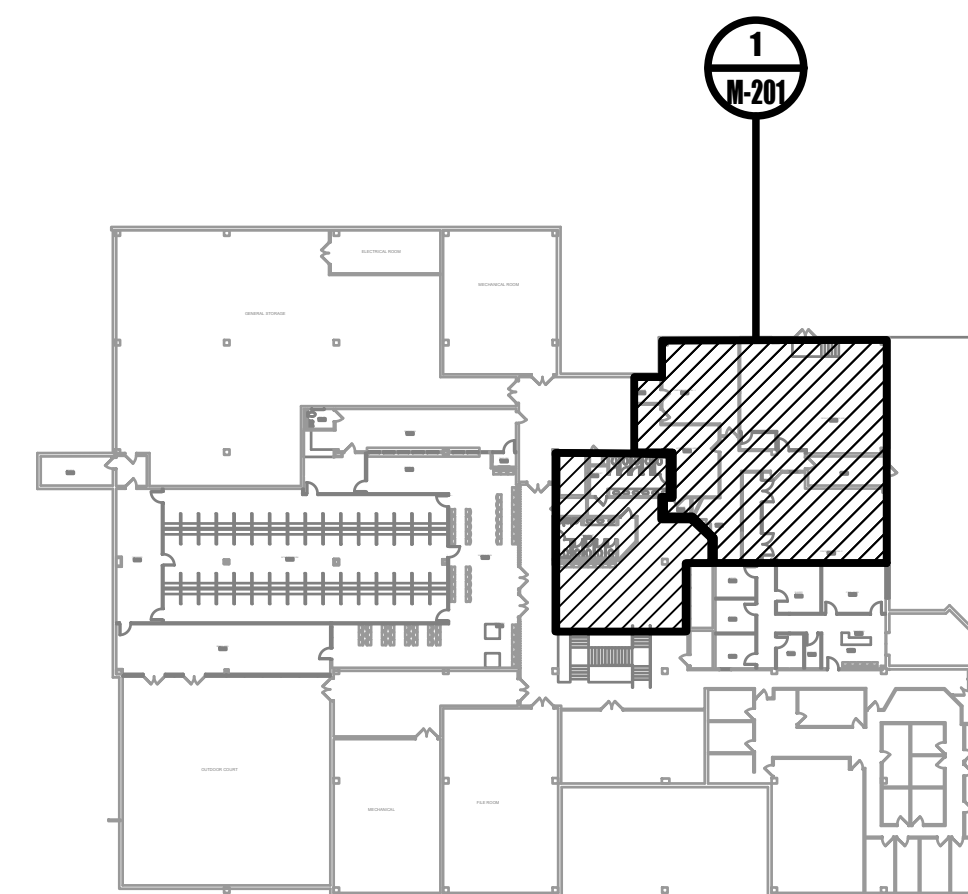
1 GROUND FLOOR - MECHANICAL PLAN
3/16"=1'-0"

GENERAL NOTES:

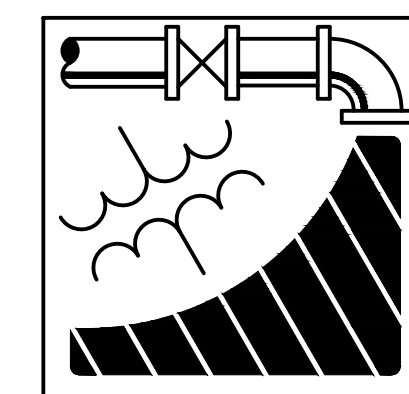
1. LABEL ALL WORK DUCTWORK AND TERMINAL UNITS AS SPECIFIED.
2. PROVIDE TESTING, ADJUSTING, AND BALANCING.
3. REFER TO DUCTWORK SUPPORT DETAILS ON SHEET M-300.
4. FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
5. PRIOR TO INSTALLATION, INSPECT DUCTWORK AND ENSURE THAT THE DUCTWORK IS IN CONDITION FOR USE. PATCH DUCTWORK OPENINGS APPROPRIATE TO DUCTWORK TO PREVENT AIR LEAKAGE AND MATCH EXISTING CONSTRUCTION IN COMPLIANCE TO APPLICABLE SMACNA STANDARDS AND THE INTERNATIONAL MECHANICAL CODE.
6. WHERE RETURN AIR GRILLES ARE INDICATED ON PLAN, CONFIRM PERIMETER WALLS ARE NOT FULL HEIGHT. IF WALLS ARE FULL HEIGHT, PROVIDE APPROPRIATE RETURN AIR TRANSFER DUCT.
7. TAKE DOWN CEILING, LIGHTS, SPRINKLERS, ETC. AS REQUIRED TO INSTALLATION OF EQUIPMENT, PIPING, AND DUCTWORK.
8. PATCH GENERAL CONSTRUCTION OPENINGS THAT ARE CREATED BY THE REMOVAL OF MECHANICAL COMPONENTS. MATCH EXISTING, ADJACENT CONSTRUCTION.
9. THE INTERSTITIAL SPACE ABOVE THE DROPPED ACOUSTIC CEILING IS UTILIZED AS A RETURN AIR PLENUM. ALL MATERIALS USED IN THE PLENUM SHALL MEET ASTM E84 FLAME AND SMOKE SPREAD DEVELOPMENT RATINGS OF 25/50.
10. MAINTAIN REQUIRED CLEARANCES FOR VARIABLE AIR VOLUME (VAV) TERMINAL UNITS. COORDINATE WITH ARCHITECT AND MODIFY DUCTWORK AND LINEAR DIFFUSERS AS REQUIRED.
11. COORDINATE WITH ARCHITECT TO ADDRESS ANY INSTANCES OF DUCTWORK AND FULL-HEIGHT WALL INTERSECTIONS PRIOR TO INSTALLATION. MODIFY DUCTWORK AS REQUIRED AND PROVIDE ALL APPURTENANCES REQUIRED FOR A COMPLETE INSTALLATION.

DRAWING KEYED NOTES:

- 1 PROVIDE VARIABLE AIR VOLUME (VAV) TERMINAL UNIT WITH HOT WATER REHEAT COIL. PROVIDE BRANCH HOT WATER PIPING TO HOT WATER MAINS. REFER TO DETAIL 7/M-300.
- 2 PROVIDE THERMOSTAT.
- 3 EXISTING DUCTWORK CONTINUES UP TO SERVE THE FLOOR ABOVE.
- 4 EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- 5 EXISTING PARALLEL-FAN POWERED BOX, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- 6 EXISTING THERMOSTAT TO REMAIN.
- 7 EXISTING BASEBOARD HEATER TO REMAIN.
- 8 EXISTING DUCTWORK CONTINUES TO ADJACENT SPACE.
- 9 PROVIDE INTERNALLY LINED RETURN AIR TRANSFER DUCTWORK ABOVE FINISHED CEILING.
- 10 PROVIDE 6x6 RETURN AIR TRANSFER OPENING ABOVE FINISHED CEILING.
- 11 ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- 12 PROVIDE EXHAUST GRILLE.
- 13 PROVIDE SUPPLY DIFFUSER.

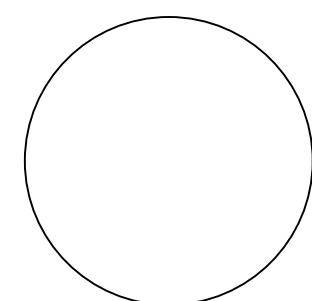


0 GROUND FLOOR KEYPLAN
NOT TO SCALE

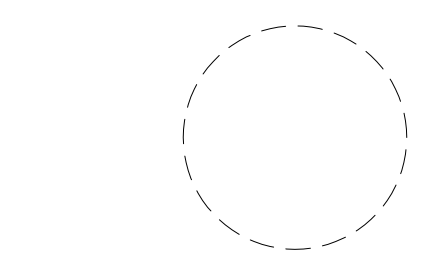


ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NETTA ARCHITECTS
 1084 Route 22 West
 New York, NY 10004
 Phone: 878.370.0008
 www.nettaarchitects.com
 CERTIFICATE OF AUTHORIZATION AC-438
 237 West 86th Street
 New York, NY 10004
 Phone: 212.777.2090



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

GROUND FLOOR PARTIAL MECHANICAL PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

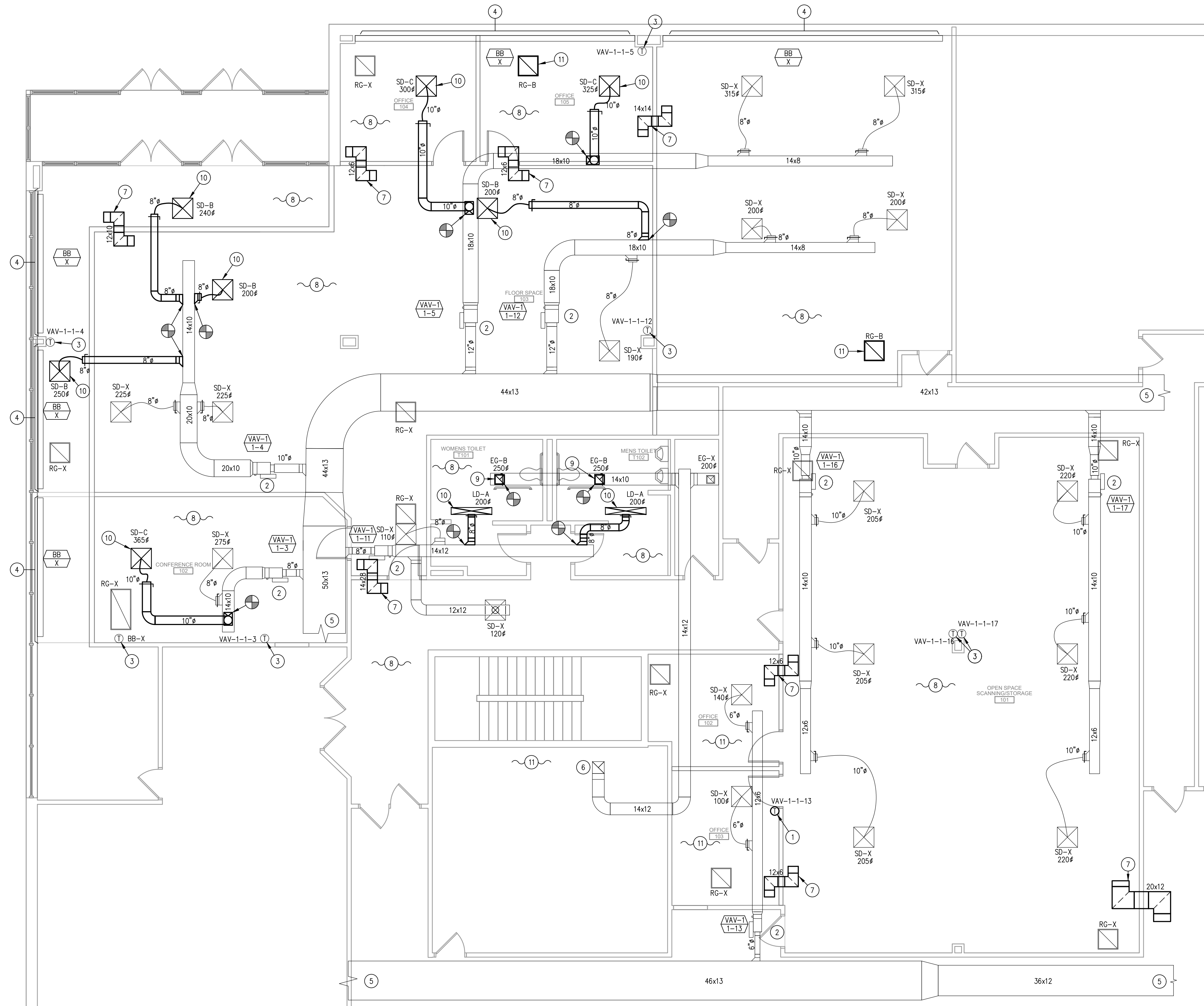
SUBMISSION:

08.22.2023 | BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	

M-201



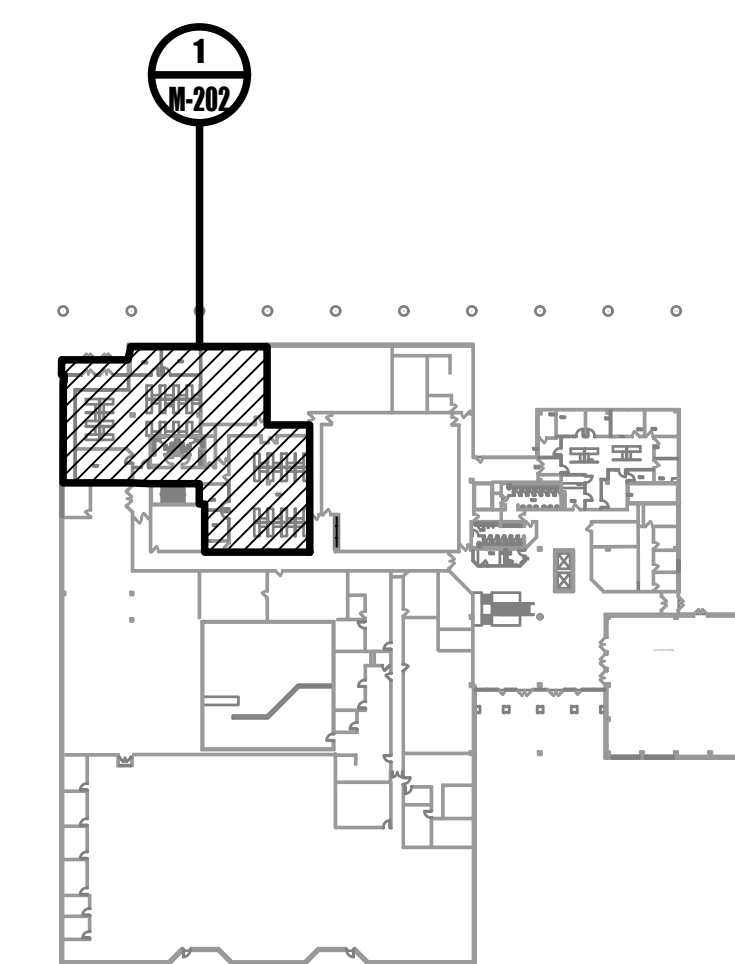
1 FIRST FLOOR - MECHANICAL PLAN
3/16"=1'-0"

GENERAL NOTES:

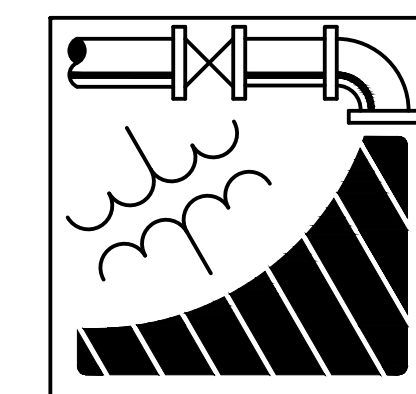
1. LABEL ALL WORK DUCTWORK AND TERMINAL UNITS AS SPECIFIED.
2. PROVIDE TESTING, ADJUSTING, AND BALANCING.
3. REFER TO DUCTWORK SUPPORT DETAILS ON SHEET M-300.
4. FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
5. PRIOR TO INSTALLATION, INSPECT DUCTWORK AND ENSURE THAT THE DUCTWORK IS IN CONDITION FOR USE. PATCH DUCTWORK OPENINGS APPROPRIATE TO DUCTWORK TO PREVENT AIR LEAKAGE AND MATCH EXISTING CONSTRUCTION IN COMPLIANCE TO APPLICABLE SMACNA STANDARDS AND THE INTERNATIONAL MECHANICAL CODE.
6. WHERE RETURN AIR GRILLES ARE INDICATED ON PLAN, CONFIRM PERIMETER WALLS ARE NOT FULL HEIGHT. IF WALLS ARE FULL HEIGHT, PROVIDE APPROPRIATE RETURN AIR TRANSFER DUCT.
7. TAKE DOWN CEILING, LIGHTS, SPRINKLERS, ETC. AS REQUIRED TO INSTALLATION OF EQUIPMENT, PIPING, AND DUCTWORK.
8. PATCH GENERAL CONSTRUCTION OPENINGS THAT ARE CREATED BY THE REMOVAL OF MECHANICAL COMPONENTS. MATCH EXISTING, ADJACENT CONSTRUCTION.
9. THE INTERSTITIAL SPACE ABOVE THE DROPPED ACOUSTIC CEILING IS UTILIZED AS A RETURN AIR PLENUM. ALL MATERIALS USED IN THE PLENUM SHALL MEET ASTM E84 FLAME AND SMOKE SPREAD DEVELOPMENT RATINGS OF 25/50.
10. MAINTAIN REQUIRED CLEARANCES FOR VARIABLE AIR VOLUME (VAV) TERMINAL UNITS. COORDINATE WITH ARCHITECT AND MODIFY DUCTWORK AND LINEAR DIFFUSERS AS REQUIRED.
11. COORDINATE WITH ARCHITECT TO ADDRESS ANY INSTANCES OF DUCTWORK AND FULL-HEIGHT WALL INTERSECTIONS PRIOR TO INSTALLATION. MODIFY DUCTWORK AS REQUIRED AND PROVIDE ALL APPURTENANCES REQUIRED FOR A COMPLETE INSTALLATION.

DRAWING KEYED NOTES:

- 1 RELOCATE EXISTING THERMOSTAT. PROVIDE EXTENDED CONTROL WIRING AND ALL APPURTENANCES REQUIRED FOR A COMPLETE REINSTALLATION.
- 2 EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- 3 EXISTING THERMOSTAT TO REMAIN.
- 4 EXISTING BASEBOARD HEATER TO REMAIN.
- 5 EXISTING DUCTWORK CONTINUES TO ADJACENT SPACE.
- 6 EXISTING DUCTWORK CONTINUES UP TO SERVE THE FLOOR ABOVE.
- 7 PROVIDE INTERNALLY LINED RETURN AIR TRANSFER DUCTWORK ABOVE FINISHED CEILING.
- 8 ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- 9 PROVIDE EXHAUST GRILLE.
- 10 PROVIDE SUPPLY DIFFUSER.
- 11 PROVIDE RETURN GRILLE.



0 FIRST FLOOR KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

NETTA ARCHITECTS
237 West 56th Street
New York, NY 10019
Phone: 212.777.2090
www.nettaarchitects.com
CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

SHEET CONTENTS:

FIRST FLOOR PARTIAL MECHANICAL PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	

M-202



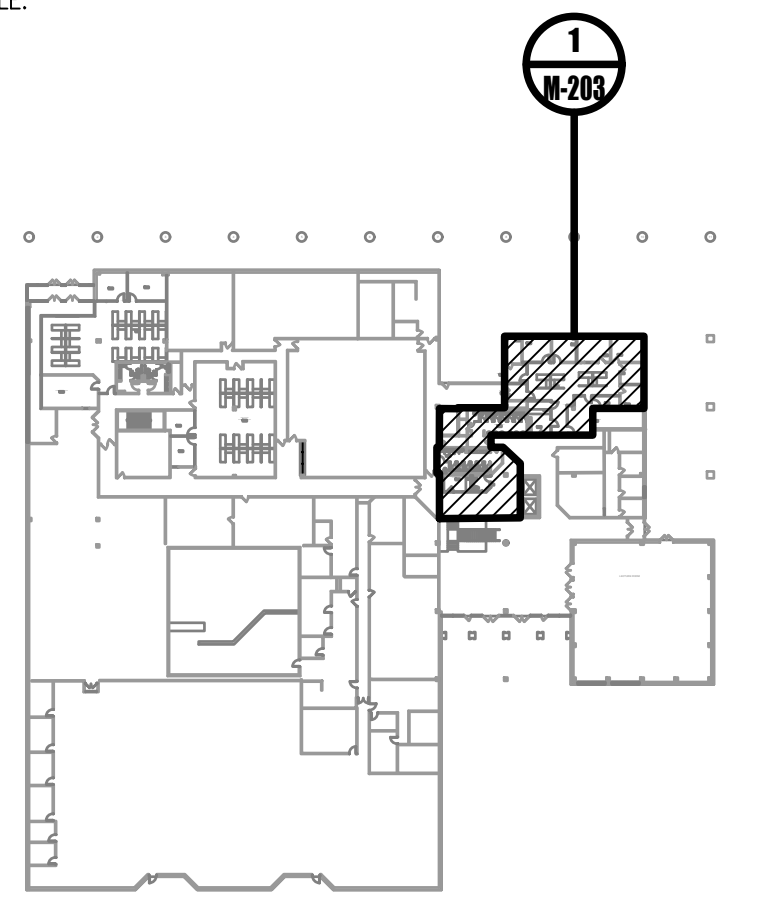
1 FIRST FLOOR - MECHANICAL PLAN
 3/16"=1'-0"

GENERAL NOTES:

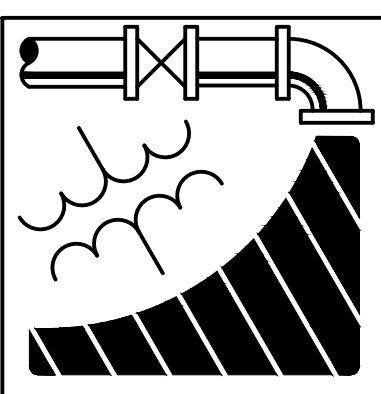
1. LABEL ALL WORK DUCTWORK AND TERMINAL UNITS AS SPECIFIED.
2. PROVIDE TESTING, ADJUSTING, AND BALANCING.
3. REFER TO DUCTWORK SUPPORT DETAILS ON SHEET M-300.
4. FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
5. PRIOR TO INSTALLATION, INSPECT DUCTWORK AND ENSURE THAT THE DUCTWORK IS IN CONDITION FOR USE. PATCH DUCTWORK OPENINGS APPROPRIATE TO DUCTWORK TO PREVENT AIR LEAKAGE AND MATCH EXISTING CONSTRUCTION IN COMPLIANCE TO APPLICABLE SMACNA STANDARDS AND THE INTERNATIONAL MECHANICAL CODE.
6. WHERE RETURN AIR GRILLES ARE INDICATED ON PLAN, CONFIRM PERIMETER WALLS ARE NOT FULL HEIGHT. IF WALLS ARE FULL HEIGHT, PROVIDE APPROPRIATE RETURN AIR TRANSFER DUCT.
7. TAKE DOWN CEILING, LIGHTS, SPRINKLERS, ETC. AS REQUIRED TO INSTALLATION OF EQUIPMENT, PIPING, AND DUCTWORK.
8. PATCH GENERAL CONSTRUCTION OPENINGS THAT ARE CREATED BY THE REMOVAL OF MECHANICAL COMPONENTS. MATCH EXISTING, ADJACENT CONSTRUCTION.
9. THE INTERSTITIAL SPACE ABOVE THE DROPPED ACOUSTIC CEILING IS UTILIZED AS A RETURN AIR PLENUM. ALL MATERIALS USED IN THE PLENUM SHALL MEET ASTM E84 FLAME AND SMOKE SPREAD DEVELOPMENT RATINGS OF 25/50.
10. MAINTAIN REQUIRED CLEARANCES FOR VARIABLE AIR VOLUME (VAV) TERMINAL UNITS. COORDINATE WITH ARCHITECT AND MODIFY DUCTWORK AND LINEAR DIFFUSERS AS REQUIRED.
11. COORDINATE WITH ARCHITECT TO ADDRESS ANY INSTANCES OF DUCTWORK AND FULL-HEIGHT WALL INTERSECTIONS PRIOR TO INSTALLATION. MODIFY DUCTWORK AS REQUIRED AND PROVIDE ALL APPURTENANCES REQUIRED FOR A COMPLETE INSTALLATION.

DRAWING KEYED NOTES:

- 1 RELOCATE EXISTING THERMOSTAT. PROVIDE EXTENDED CONTROL WIRING AND ALL APPURTENANCES REQUIRED FOR A COMPLETE REINSTALLATION.
- 2 EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- 3 EXISTING PARALLEL-FAN POWERED BOX, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- 4 EXISTING THERMOSTAT TO REMAIN.
- 5 EXISTING BASEBOARD HEATER TO REMAIN.
- 6 EXISTING DUCTWORK CONTINUES TO ADJACENT SPACE.
- 7 EXISTING DUCTWORK CONTINUES UP TO SERVE THE FLOOR ABOVE.
- 8 EXISTING TRANSFER DUCTWORK TO REMAIN.
- 9 PROVIDE VARIABLE AIR VOLUME (VAV) TERMINAL UNIT WITH HOT WATER REHEAT COIL. PROVIDE BRANCH HOT WATER PIPING TO HOT WATER MAINS .REFER TO DETAIL 7/M-300.
- 10 PROVIDE THERMOSTAT.
- 11 PROVIDE INTERNALLY LINED RETURN AIR TRANSFER DUCTWORK ABOVE FINISHED CEILING.
- 12 ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- 13 PROVIDE EXHAUST GRILLE.
- 14 PROVIDE SUPPLY DIFFUSER.
- 15 PROVIDE RETURN GRILLE.



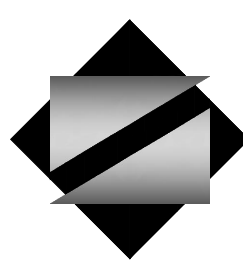
0 FIRST FLOOR KEYPLAN
 NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800

NETTA ARCHITECTS
 1084 Route 22 West
 North Plainfield, NJ 07062
 Phone: 973.370.0008
 www.nettaarchitects.com
 CERTIFICATE OF AUTHORIZATION AC-438
 237 West 56th Street
 New York, NY 10014
 Phone: 212.777.2090



NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

FIRST FLOOR PARTIAL MECHANICAL PLAN

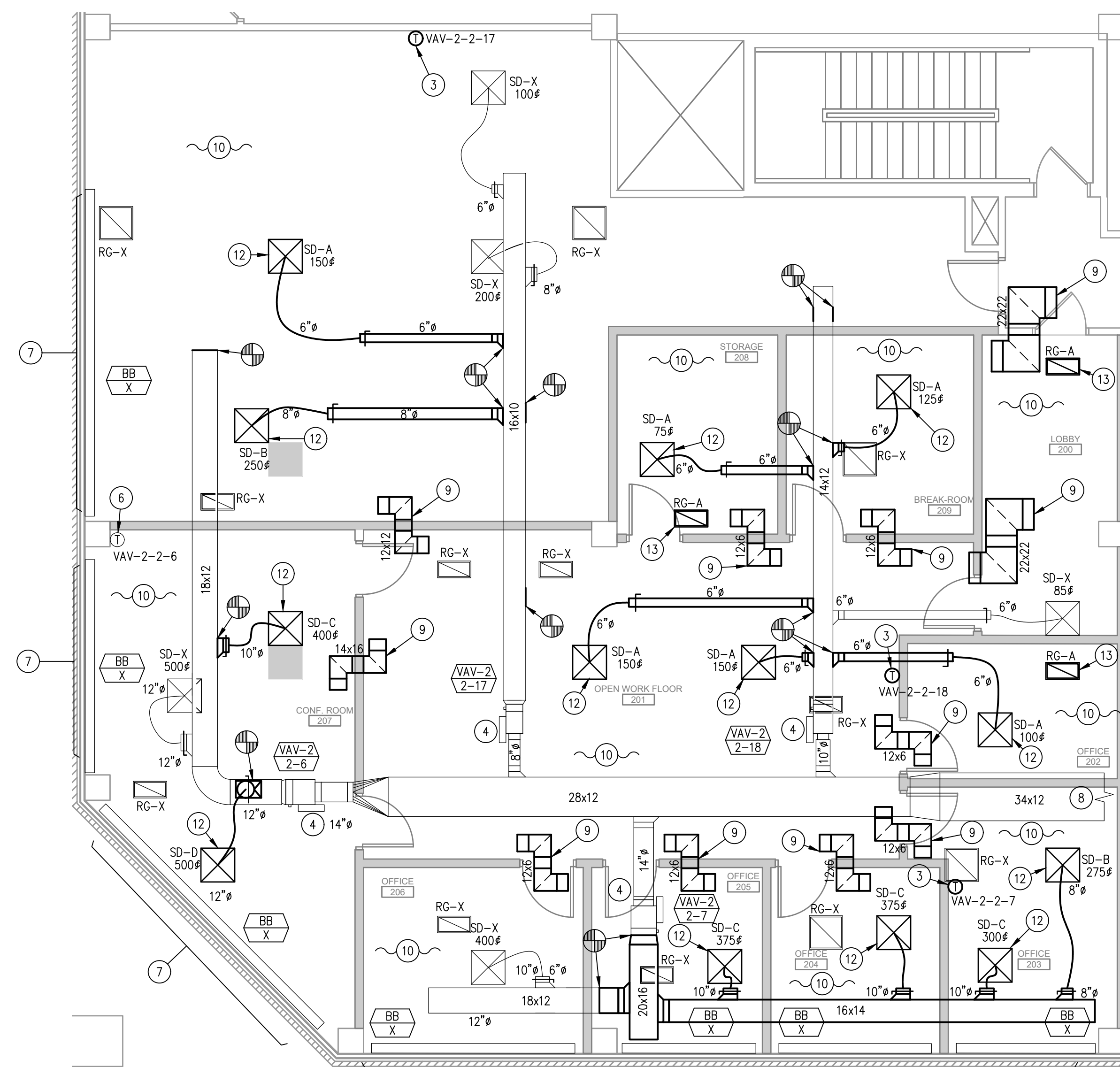
PROJECT TITLE:
 BURLINGTON COUNTY HUMAN SERVICES BUILDING
 BATHROOM RENOVATIONS
 WESTAMPTON, NJ 08060

SUBMISSION:
 08.22.2023 / BID SUBMISSION

DATE	REVISIONS	BY	REV

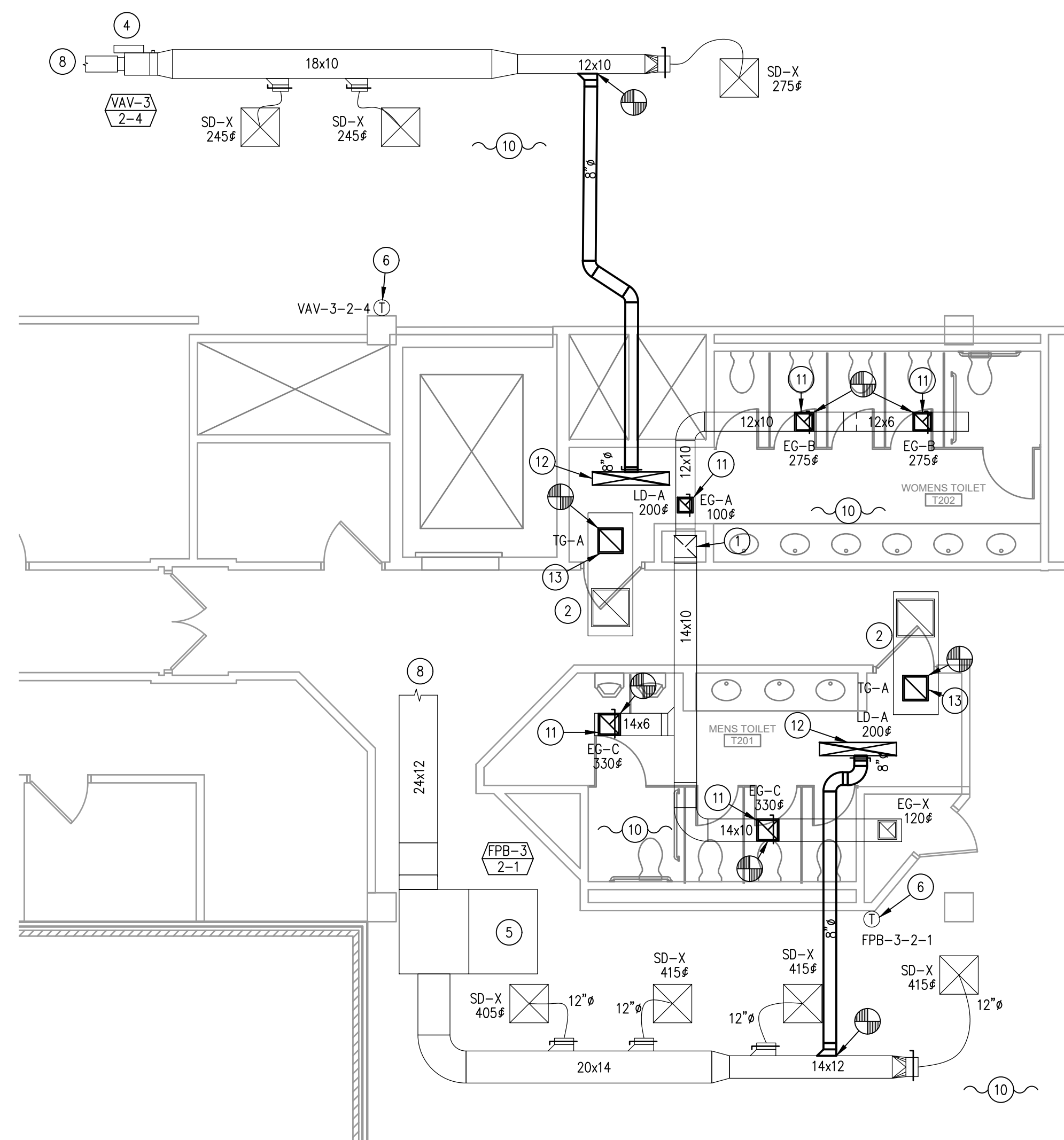
Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	

M-203



1 SECOND FLOOR - MECHANICAL PLAN

3/16"=1'-0"



2 SECOND FLOOR - MECHANICAL PLAN

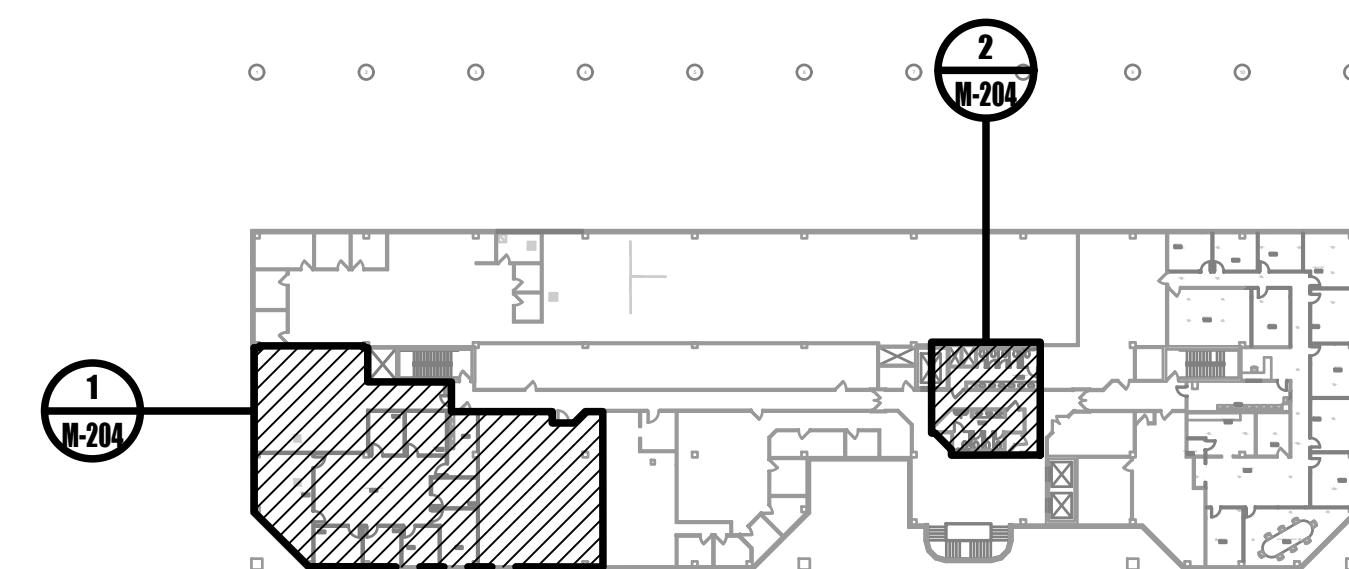
3/16"=1'-0"

GENERAL NOTES:

1. LABEL ALL WORK DUCTWORK AND TERMINAL UNITS AS SPECIFIED.
2. PROVIDE TESTING, ADJUSTING, AND BALANCING.
3. REFER TO DUCTWORK SUPPORT DETAILS ON SHEET M-300.
4. FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
5. PRIOR TO INSTALLATION, INSPECT DUCTWORK AND ENSURE THAT THE DUCTWORK IS IN CONDITION FOR USE. PATCH DUCTWORK OPENINGS APPROPRIATE TO DUCTWORK TO PREVENT AIR LEAKAGE AND MATCH EXISTING CONSTRUCTION IN COMPLIANCE TO APPLICABLE SMACNA STANDARDS AND THE INTERNATIONAL MECHANICAL CODE.
6. WHERE RETURN AIR GRILLES ARE INDICATED ON PLAN, CONFIRM PERIMETER WALLS ARE NOT FULL HEIGHT. IF WALLS ARE FULL HEIGHT, PROVIDE APPROPRIATE RETURN AIR TRANSFER DUCT.
7. TAKE DOWN CEILING, LIGHTS, SPRINKLERS, ETC. AS REQUIRED TO INSTALLATION OF EQUIPMENT, PIPING, AND DUCTWORK.
8. PATCH GENERAL CONSTRUCTION OPENINGS THAT ARE CREATED BY THE REMOVAL OF MECHANICAL COMPONENTS. MATCH EXISTING, ADJACENT CONSTRUCTION.
9. THE INTERSTITIAL SPACE ABOVE THE DROPPED ACOUSTIC CEILING IS UTILIZED AS A RETURN AIR PLENUM. ALL MATERIALS USED IN THE PLENUM SHALL MEET ASTM E84 FLAME AND SMOKE SPREAD DEVELOPMENT RATINGS OF 25/50.
10. MAINTAIN REQUIRED CLEARANCES FOR VARIABLE AIR VOLUME (VAV) TERMINAL UNITS. COORDINATE WITH ARCHITECT AND MODIFY DUCTWORK AND LINEAR DIFFUSERS AS REQUIRED.
11. COORDINATE WITH ARCHITECT TO ADDRESS ANY INSTANCES OF DUCTWORK AND FULL-HEIGHT WALL INTERSECTIONS PRIOR TO INSTALLATION. MODIFY DUCTWORK AS REQUIRED AND PROVIDE ALL APPURTENANCES REQUIRED FOR A COMPLETE INSTALLATION.

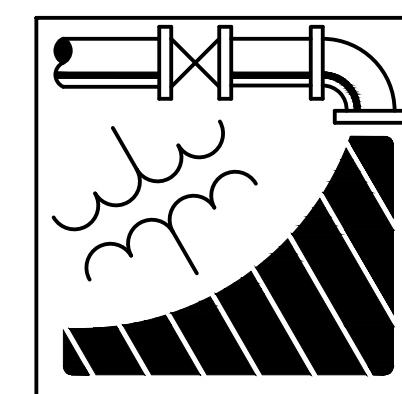
DRAWING KEYED NOTES:

- 1 EXISTING DUCTWORK CONTINUES UP TO SERVE THE FLOOR ABOVE.
- 2 EXISTING TRANSFER DUCTWORK TO REMAIN.
- 3 RELOCATE EXISTING THERMOSTAT. PROVIDE EXTENDED CONTROL WIRING AND ALL APPURTENANCES REQUIRED FOR A COMPLETE REINSTALLATION.
- 4 EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- 5 EXISTING PARALLEL-FAN POWERED BOX, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- 6 EXISTING THERMOSTAT TO REMAIN.
- 7 EXISTING BASEBOARD HEATER TO REMAIN.
- 8 EXISTING DUCTWORK CONTINUES TO ADJACENT SPACE.
- 9 PROVIDE INTERNALLY LINED RETURN AIR TRANSFER DUCTWORK ABOVE FINISHED CEILING.
- 10 ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- 11 PROVIDE EXHAUST GRILLE.
- 12 PROVIDE SUPPLY DIFFUSER.
- 13 PROVIDE RETURN GRILLE.



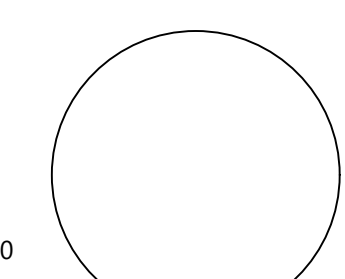
0 SECOND FLOOR KEYPLAN

NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800



NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541
 FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118
 MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160
 LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

**SECOND FLOOR
 PARTIAL MECHANICAL
 PLAN**

PROJECT TITLE:

**BURLINGTON COUNTY HUMAN
 SERVICES BUILDING
 BATHROOM RENOVATIONS
 WESTAMPTON, NJ 08060**

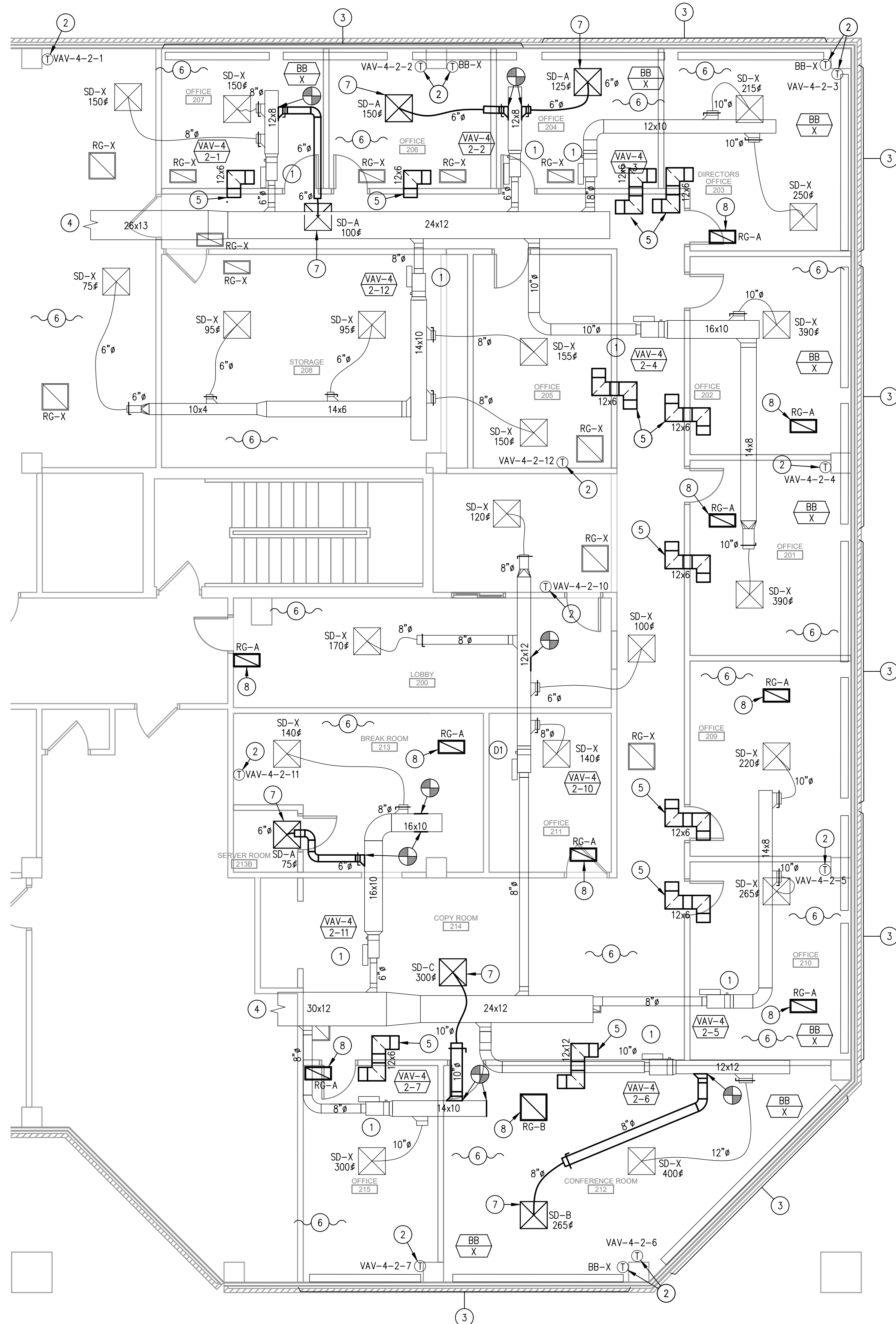
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	

M-204



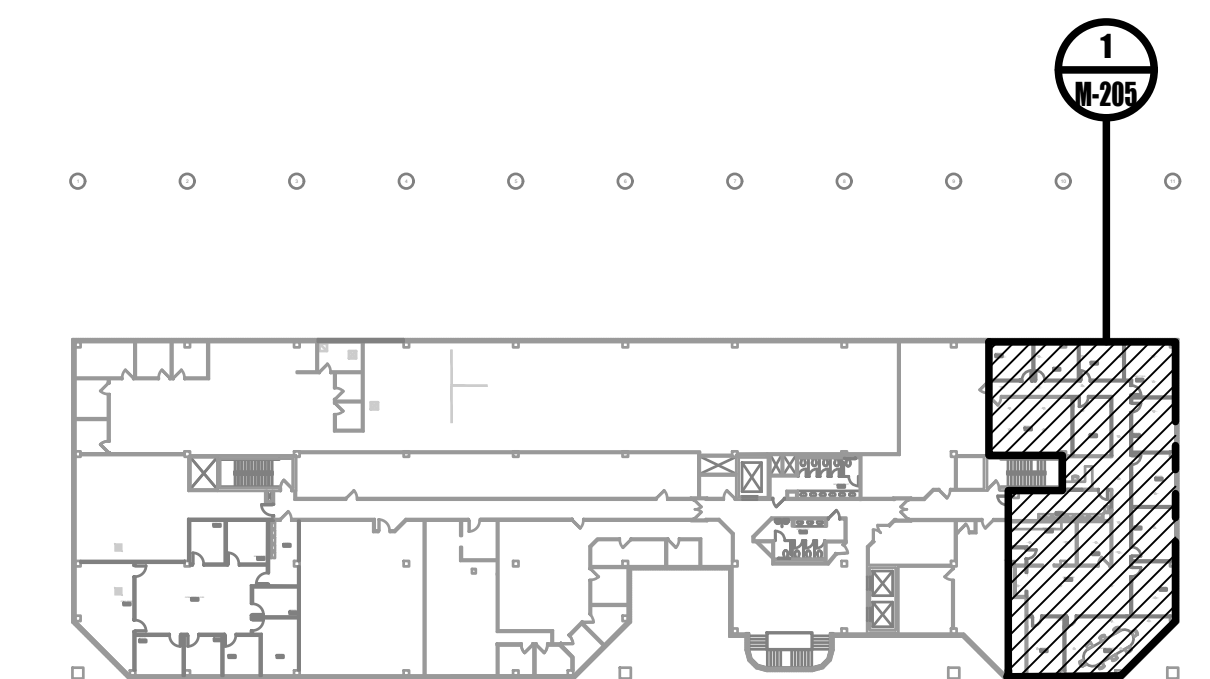
1 SECOND FLOOR - MECHANICAL PLAN
3/16"=1'-0"

GENERAL NOTES:

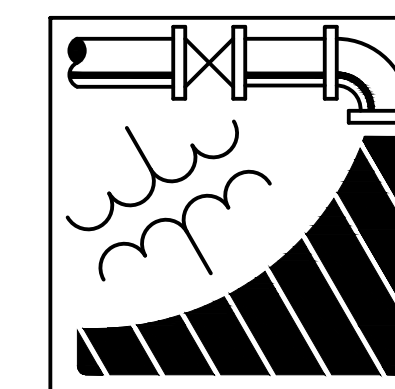
- LABEL ALL WORK DUCTWORK AND TERMINAL UNITS AS SPECIFIED.
- PROVIDE TESTING, ADJUSTING, AND BALANCING.
- REFER TO DUCTWORK SUPPORT DETAILS ON SHEET M-300.
- FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
- PRIOR TO INSTALLATION, INSPECT DUCTWORK AND ENSURE THAT THE DUCTWORK IS IN CONDITION FOR USE. PATCH DUCTWORK OPENINGS APPROPRIATE TO DUCTWORK TO PREVENT AIR LEAKAGE AND MATCH EXISTING CONSTRUCTION IN COMPLIANCE TO APPLICABLE SMACNA STANDARDS AND THE INTERNATIONAL MECHANICAL CODE.
- WHERE RETURN AIR GRILLES ARE INDICATED ON PLAN, CONFIRM PERIMETER WALLS ARE NOT FULL HEIGHT. IF WALLS ARE FULL HEIGHT, PROVIDE APPROPRIATE RETURN AIR TRANSFER DUCT.
- TAKE DOWN CEILING, LIGHTS, SPRINKLERS, ETC. AS REQUIRED TO INSTALLATION OF EQUIPMENT, PIPING, AND DUCTWORK.
- PATCH GENERAL CONSTRUCTION OPENINGS THAT ARE CREATED BY THE REMOVAL OF MECHANICAL COMPONENTS. MATCH EXISTING, ADJACENT CONSTRUCTION.
- THE INTERSTITIAL SPACE ABOVE THE DROPPED ACOUSTIC CEILING IS UTILIZED AS A RETURN AIR PLENUM. ALL MATERIALS USED IN THE PLENUM SHALL MEET ASTM E84 FLAME AND SMOKE SPREAD DEVELOPMENT RATINGS OF 25/50.
- MAINTAIN REQUIRED CLEARANCES FOR VARIABLE AIR VOLUME (VAV) TERMINAL UNITS. COORDINATE WITH ARCHITECT AND MODIFY DUCTWORK AND LINEAR DIFFUSERS AS REQUIRED.
- COORDINATE WITH ARCHITECT TO ADDRESS ANY INSTANCES OF DUCTWORK AND FULL-HEIGHT WALL INTERSECTIONS PRIOR TO INSTALLATION. MODIFY DUCTWORK AS REQUIRED AND PROVIDE ALL APPURTENANCES REQUIRED FOR A COMPLETE INSTALLATION.

DRAWING KEYED NOTES:

- EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- EXISTING THERMOSTAT TO REMAIN.
- EXISTING BASEBOARD HEATER TO REMAIN.
- EXISTING DUCTWORK CONTINUES TO ADJACENT SPACE.
- PROVIDE INTERNALLY LINED RETURN AIR TRANSFER DUCTWORK ABOVE FINISHED CEILING.
- ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- PROVIDE SUPPLY DIFFUSER.
- PROVIDE RETURN GRILLE.

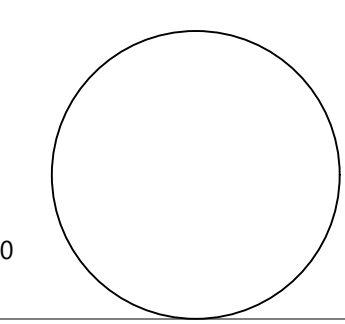


0 SECOND FLOOR KEYPLAN
NOT TO SCALE

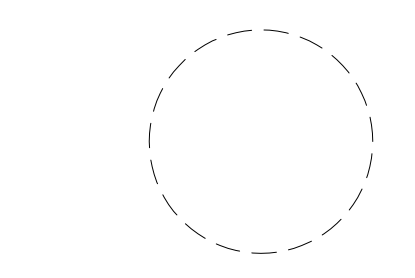


ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NETTA ARCHITECTS
1084 Route 22 West
Westborough, MA 01581
Phone: 878.370.0006
www.nettaarchitects.com
287 West 86th Street
New York, NY 10004
Phone: 212.777.2090
CERTIFICATE OF AUTHORIZATION AC-438



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

SECOND FLOOR PARTIAL MECHANICAL PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

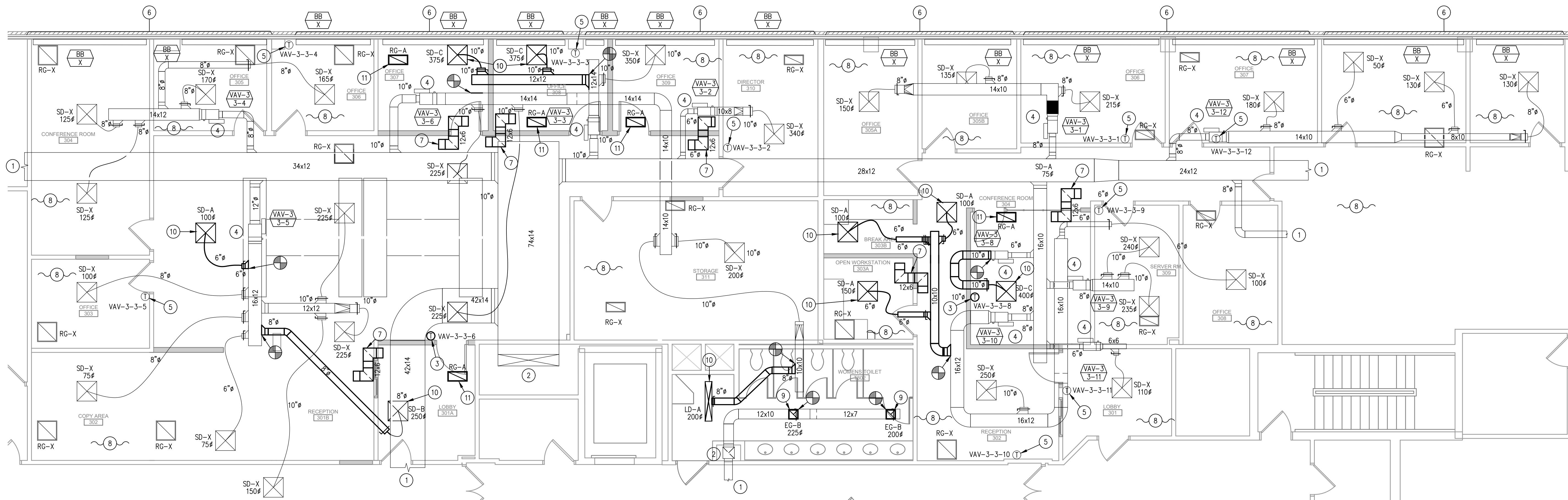
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	

M-205



1 THIRD FLOOR - MECHANICAL PLAN
3/16"=1'-0"

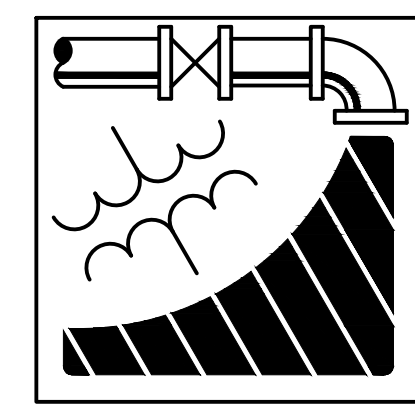
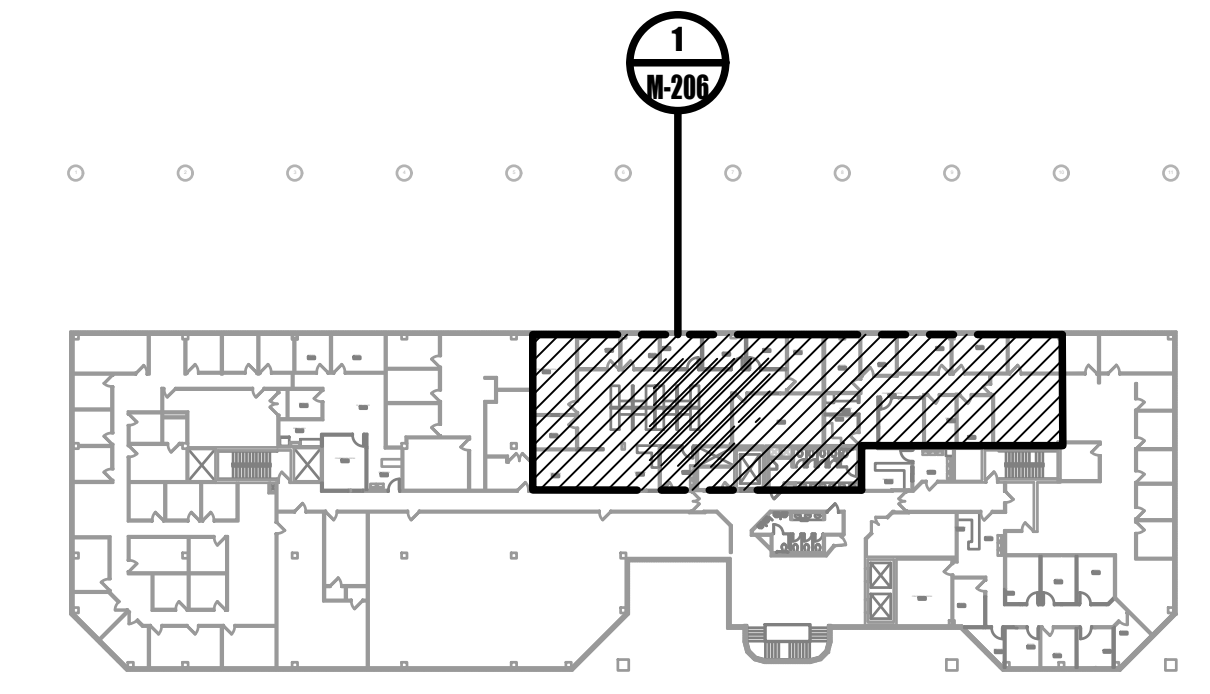
GENERAL NOTES:

1. LABEL ALL WORK DUCTWORK AND TERMINAL UNITS AS SPECIFIED.
2. PROVIDE TESTING, ADJUSTING, AND BALANCING.
3. REFER TO DUCTWORK SUPPORT DETAILS ON SHEET M-300.
4. FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
5. PRIOR TO INSTALLATION, INSPECT DUCTWORK AND ENSURE THAT THE DUCTWORK IS IN CONDITION FOR USE. PATCH DUCTWORK OPENINGS APPROPRIATE TO DUCTWORK TO PREVENT AIR LEAKAGE AND MATCH EXISTING CONSTRUCTION IN COMPLIANCE TO APPLICABLE SMACNA STANDARDS AND THE INTERNATIONAL MECHANICAL CODE.
6. WHERE RETURN AIR GRILLES ARE INDICATED ON PLAN, CONFIRM PERIMETER WALLS ARE NOT FULL HEIGHT. IF WALLS ARE FULL HEIGHT, PROVIDE APPROPRIATE RETURN AIR TRANSFER DUCT.
7. TAKE DOWN CEILING, LIGHTS, SPRINKLERS, ETC. AS REQUIRED TO INSTALLATION OF EQUIPMENT, PIPING, AND DUCTWORK.
8. PATCH GENERAL CONSTRUCTION OPENINGS THAT ARE CREATED BY THE REMOVAL OF MECHANICAL COMPONENTS. MATCH EXISTING, ADJACENT CONSTRUCTION.
9. THE INTERSTITIAL SPACE ABOVE THE DROPPED ACOUSTIC CEILING IS UTILIZED AS A RETURN AIR PLENUM. ALL MATERIALS USED IN THE PLENUM SHALL MEET ASTM E84 FLAME AND SMOKE SPREAD DEVELOPMENT RATINGS OF 25/50.
10. MAINTAIN REQUIRED CLEARANCES FOR VARIABLE AIR VOLUME (VAV) TERMINAL UNITS. COORDINATE WITH ARCHITECT AND MODIFY DUCTWORK AND LINEAR DIFFUSERS AS REQUIRED.
11. COORDINATE WITH ARCHITECT TO ADDRESS ANY INSTANCES OF DUCTWORK AND FULL-HEIGHT WALL INTERSECTIONS PRIOR TO INSTALLATION. MODIFY DUCTWORK AS REQUIRED AND PROVIDE ALL APPURTENANCES REQUIRED FOR A COMPLETE INSTALLATION.

DRAWING KEYED NOTES:

- 1 EXISTING DUCTWORK CONTINUES TO ADJACENT SPACE.
- 2 EXISTING DUCTWORK CONTINUES UP TO SERVE THE FLOOR ABOVE.
- 3 RELOCATE EXISTING THERMOSTAT. PROVIDE EXTENDED CONTROL WIRING AND ALL APPURTENANCES REQUIRED FOR A COMPLETE REINSTALLATION.
- 4 EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- 5 EXISTING THERMOSTAT TO REMAIN.
- 6 EXISTING BASEBOARD HEATER TO REMAIN.
- 7 PROVIDE INTERNALLY LINED RETURN AIR TRANSFER DUCTWORK ABOVE FINISHED CEILING.
- 8 ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- 9 PROVIDE EXHAUST GRILLE.
- 10 PROVIDE SUPPLY DIFFUSER.
- 11 PROVIDE RETURN GRILLE.

0 THIRD FLOOR KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

NETTA ARCHITECTS
1084 Route 22 West
New York, NY 10004
Phone: 878.379.0068
www.nettaarchitects.com
CERTIFICATE OF AUTHORIZATION AC-438
237 West 86th Street
New York, NY 10024
Phone: 212.777.2090

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

THIRD FLOOR PARTIAL MECHANICAL PLAN

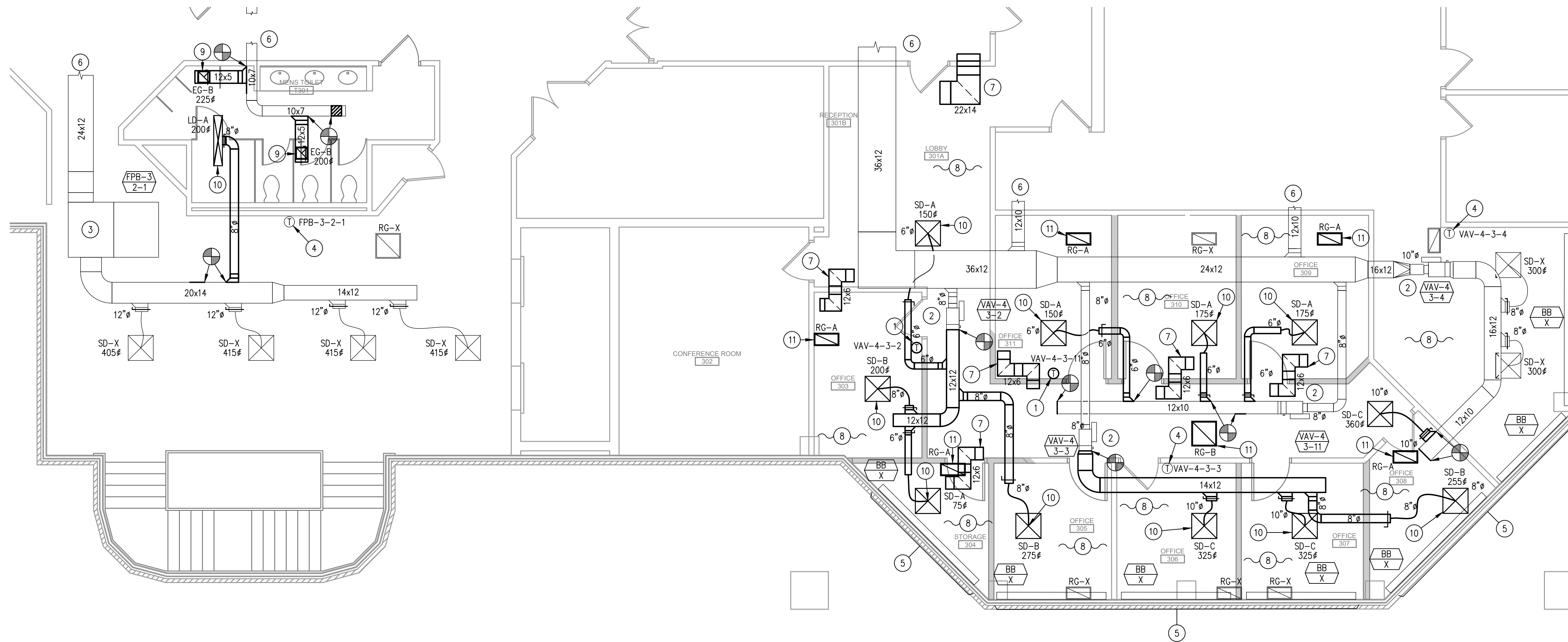
PROJECT TITLE:
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:
08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	

M-206



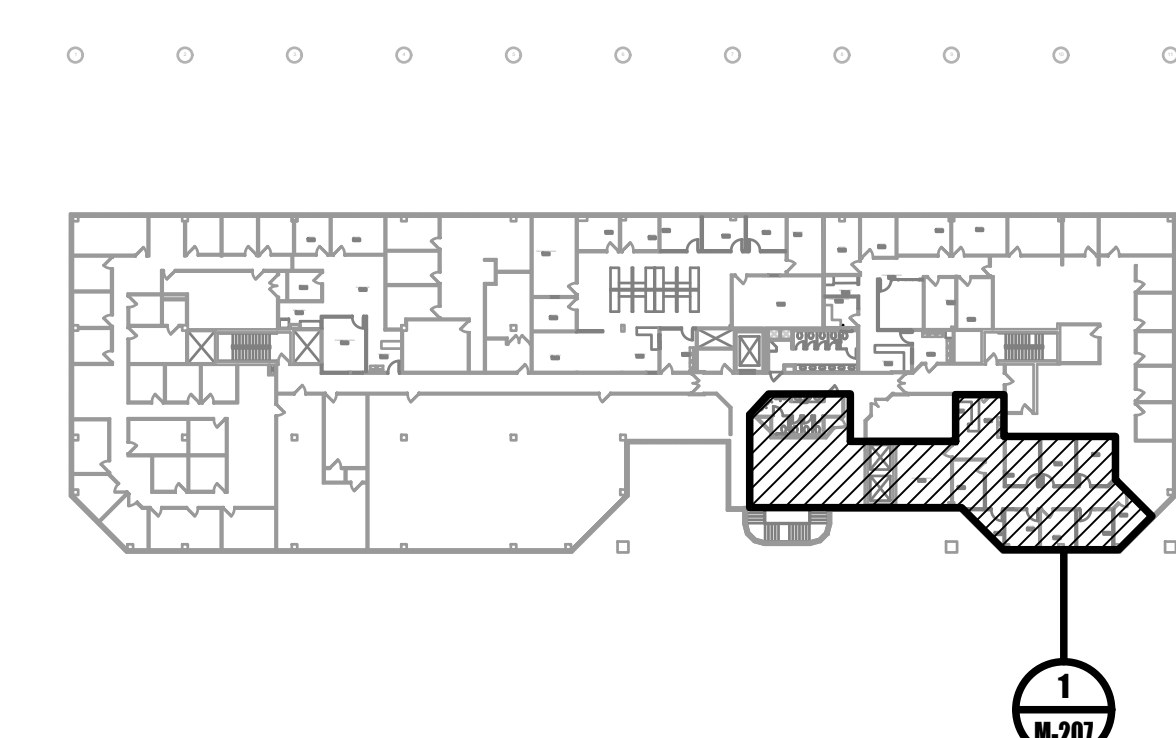
1 THIRD FLOOR - MECHANICAL PLAN
3/16"=1'-0"

GENERAL NOTES:

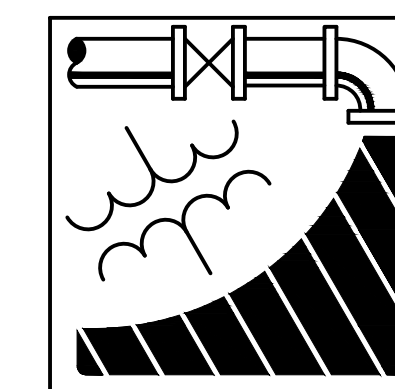
1. LABEL ALL WORK DUCTWORK AND TERMINAL UNITS AS SPECIFIED.
2. PROVIDE TESTING, ADJUSTING, AND BALANCING.
3. REFER TO DUCTWORK SUPPORT DETAILS ON SHEET M-300.
4. FIELD CONFIRM EXISTING THERMOSTAT PRIOR TO RELOCATION OR REMOVAL.
5. PRIOR TO INSTALLATION, INSPECT DUCTWORK AND ENSURE THAT THE DUCTWORK IS IN CONDITION FOR USE. PATCH DUCTWORK OPENINGS APPROPRIATE TO DUCTWORK TO PREVENT AIR LEAKAGE AND MATCH EXISTING CONSTRUCTION IN COMPLIANCE TO APPLICABLE SMACNA STANDARDS AND THE INTERNATIONAL MECHANICAL CODE.
6. WHERE RETURN AIR GRILLES ARE INDICATED ON PLAN, CONFIRM PERIMETER WALLS ARE NOT FULL HEIGHT. IF WALLS ARE FULL HEIGHT, PROVIDE APPROPRIATE RETURN AIR TRANSFER DUCT.
7. TAKE DOWN CEILING, LIGHTS, SPRINKLERS, ETC. AS REQUIRED TO INSTALLATION OF EQUIPMENT, PIPING, AND DUCTWORK.
8. PATCH GENERAL CONSTRUCTION OPENINGS THAT ARE CREATED BY THE REMOVAL OF MECHANICAL COMPONENTS. MATCH EXISTING, ADJACENT CONSTRUCTION.
9. THE INTERSTITIAL SPACE ABOVE THE DROPPED ACOUSTIC CEILING IS UTILIZED AS A RETURN AIR PLENUM. ALL MATERIALS USED IN THE PLENUM SHALL MEET ASTM E84 FLAME AND SMOKE SPREAD DEVELOPMENT RATINGS OF 25/50.
10. MAINTAIN REQUIRED CLEARANCES FOR VARIABLE AIR VOLUME (VAV) TERMINAL UNITS. COORDINATE WITH ARCHITECT AND MODIFY DUCTWORK AND LINEAR DIFFUSERS AS REQUIRED.
11. COORDINATE WITH ARCHITECT TO ADDRESS ANY INSTANCES OF DUCTWORK AND FULL-HEIGHT WALL INTERSECTIONS PRIOR TO INSTALLATION. MODIFY DUCTWORK AS REQUIRED AND PROVIDE ALL APPURTENANCES REQUIRED FOR A COMPLETE INSTALLATION.

DRAWING KEYED NOTES:

- 1 RELOCATE EXISTING THERMOSTAT. PROVIDE EXTENDED CONTROL WIRING AND ALL APPURTENANCES REQUIRED FOR A COMPLETE REINSTALLATION.
- 2 EXISTING VARIABLE AIR VOLUME (VAV) TERMINAL UNIT, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- 3 EXISTING PARALLEL-FAN POWERED BOX, EXISTING HOT WATER REHEAT COIL AND HOT WATER PIPING TO REMAIN.
- 4 EXISTING THERMOSTAT TO REMAIN.
- 5 EXISTING BASEBOARD HEATER TO REMAIN.
- 6 EXISTING DUCTWORK CONTINUES TO ADJACENT SPACE.
- 7 PROVIDE INTERNALLY LINED RETURN AIR TRANSFER DUCTWORK ABOVE FINISHED CEILING.
- 8 ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES ARE TO REMAIN UNLESS OTHERWISE NOTED OR INDICATED TO BE REMOVED.
- 9 PROVIDE EXHAUST GRILLE.
- 10 PROVIDE SUPPLY DIFFUSER.
- 11 PROVIDE RETURN GRILLE.

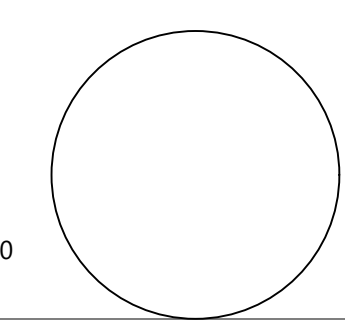


0 THIRD FLOOR KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

THIRD FLOOR PARTIAL MECHANICAL PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

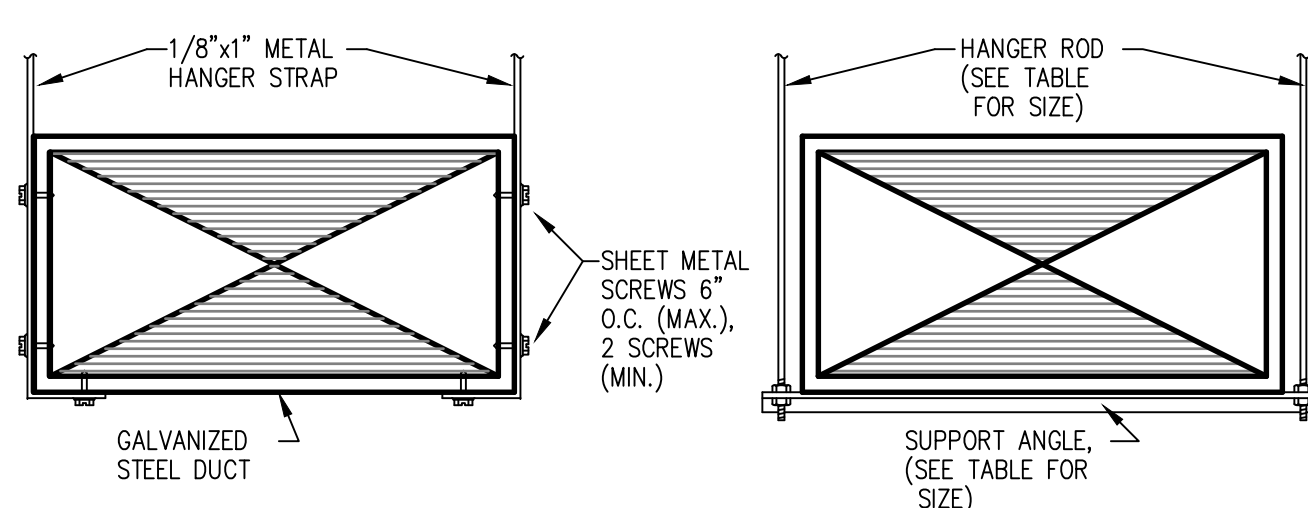
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	JCS
Checked by	JNB
Job No.	2191488
Drawing No.	

M-207

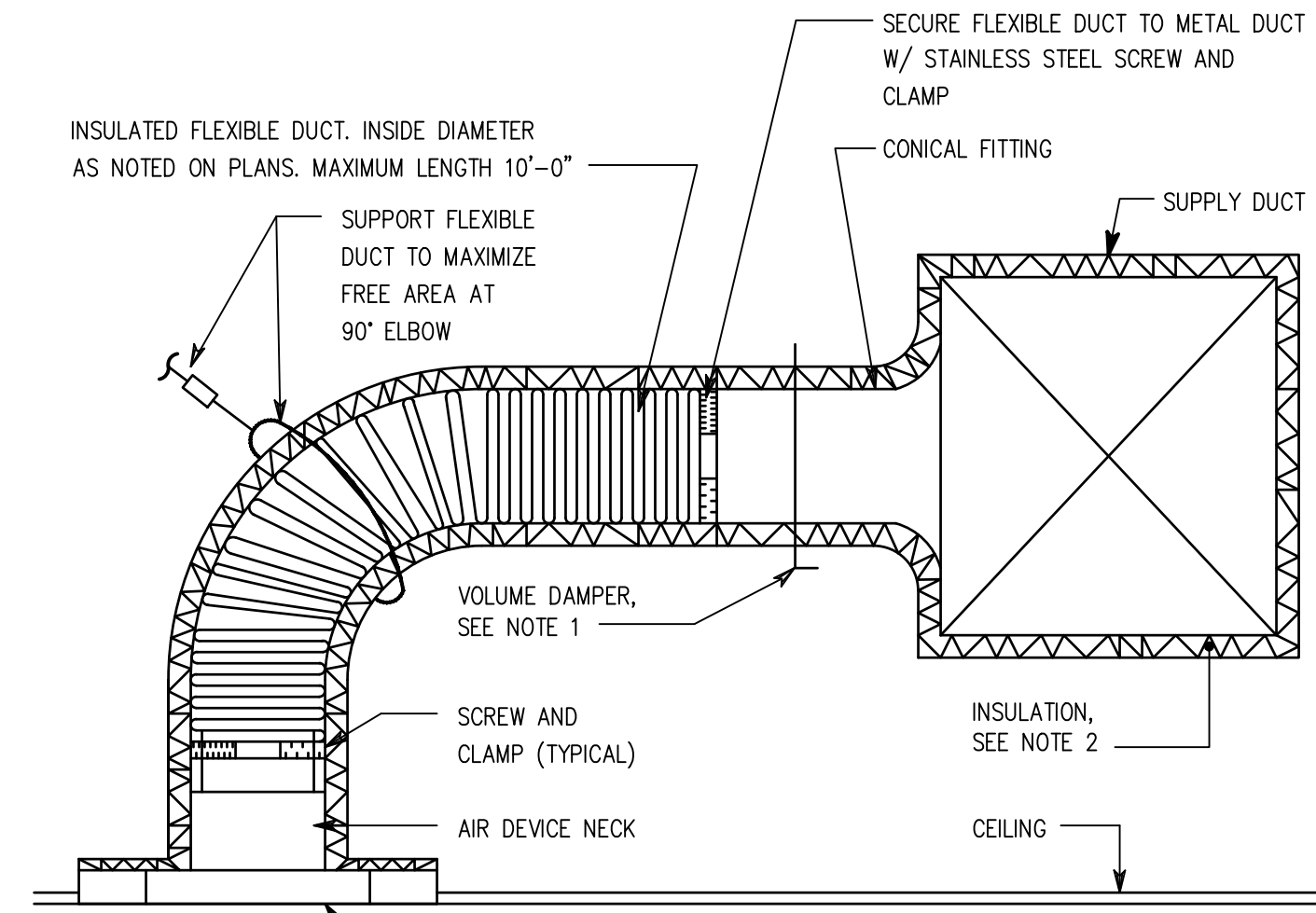


OPTIONAL FOR 30" OR JCSALLER
25" OR WIDER

DUCT WIDTH	ROD DIA.	SUPPORT ANGLE OR EQUIVALENT CHANNEL	MAX. SPACING
26" TO 30"	3/8"	1-1/2" x 1-1/2" x 1/8"	8'-0" O.C.
31" TO 42"	3/8"	1-1/2" x 1-1/2" x 1/8"	6'-0" O.C.
43" TO 60"	1/2"	1-1/2" x 1-1/2" x 1/8"	6'-0" O.C.
61" TO 84"	1/2"	2" x 2" x 1/4"	4'-0" O.C.
85" AND UP	1/2"	3" x 3" x 1/4"	4'-0" O.C.

1 TYPICAL DUCTWORK SUPPORT SCHEDULE

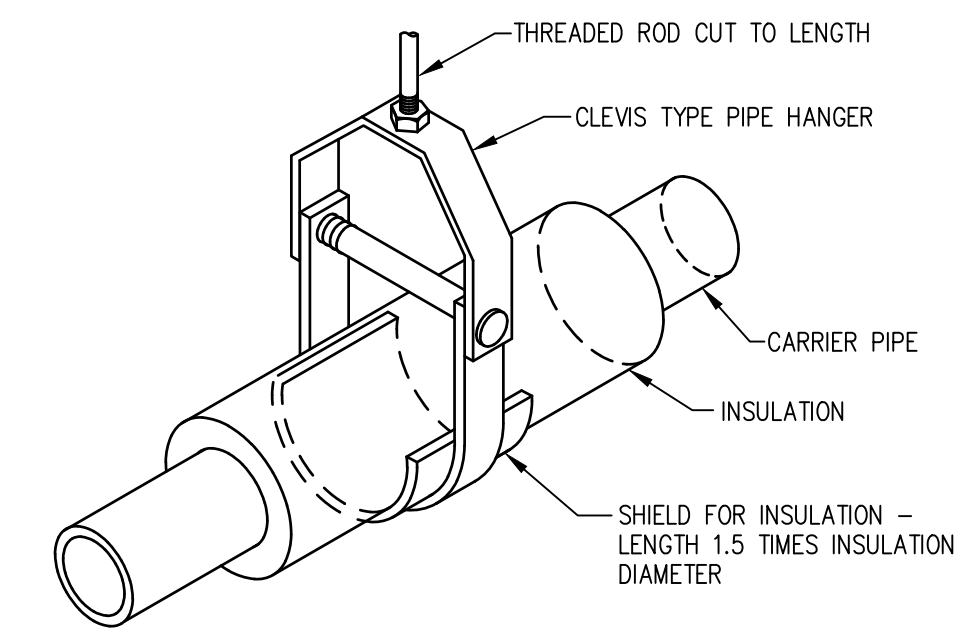
NOT TO SCALE



NOTE:
1. EXTEND VOLUME DAMPER NECK PAST INSULATION.
2. SEE SPECIFICATION FOR INSULATION THICKNESS AND TYPE.

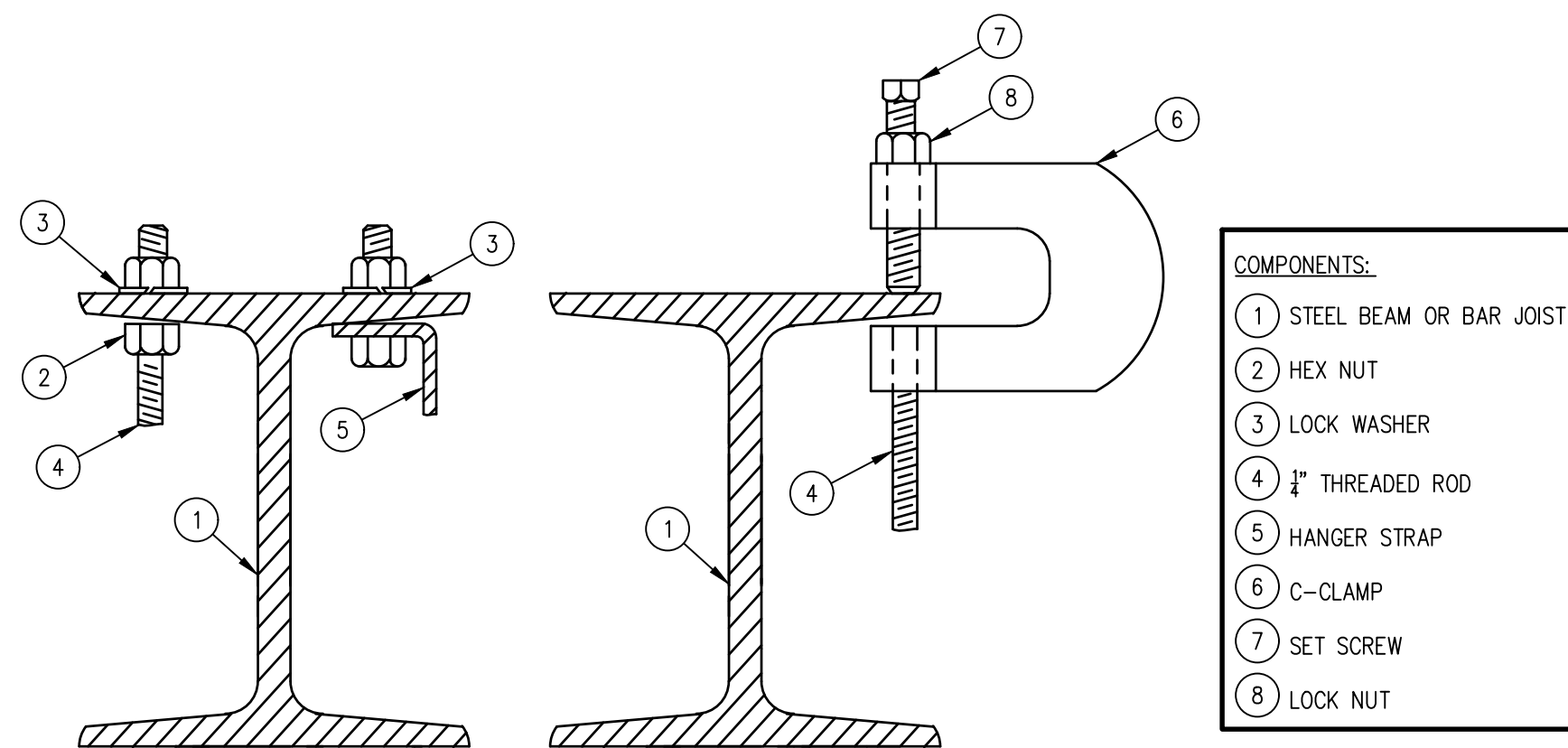
2 FLEXIBLE DUCT DETAIL

NOT TO SCALE



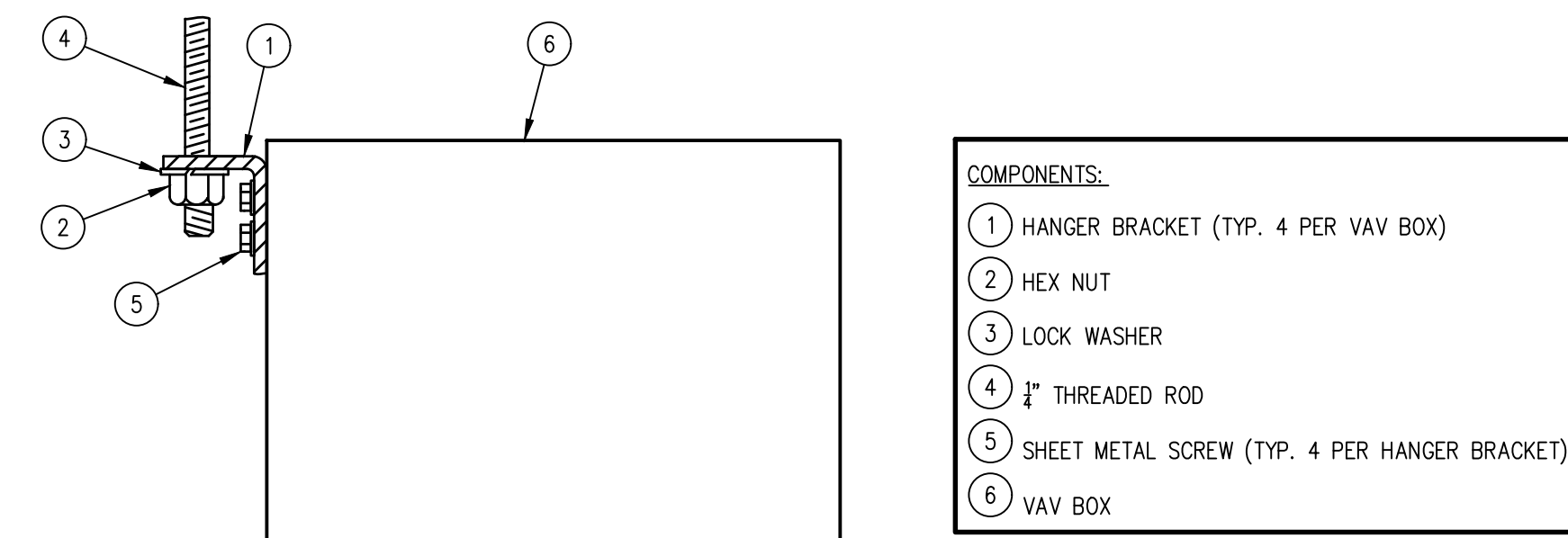
3 CLEVIS TYPE PIPE HANGER FOR INSULATED PIPE

NOT TO SCALE



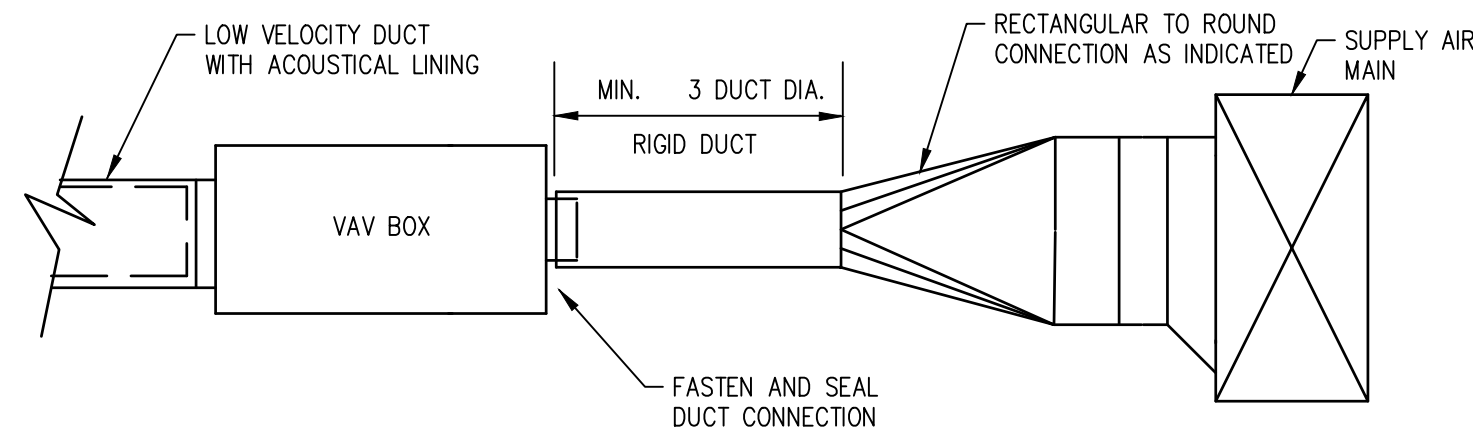
4 TYPICAL HANGER ROD AND STRAP ANCHORING DETAIL

NOT TO SCALE



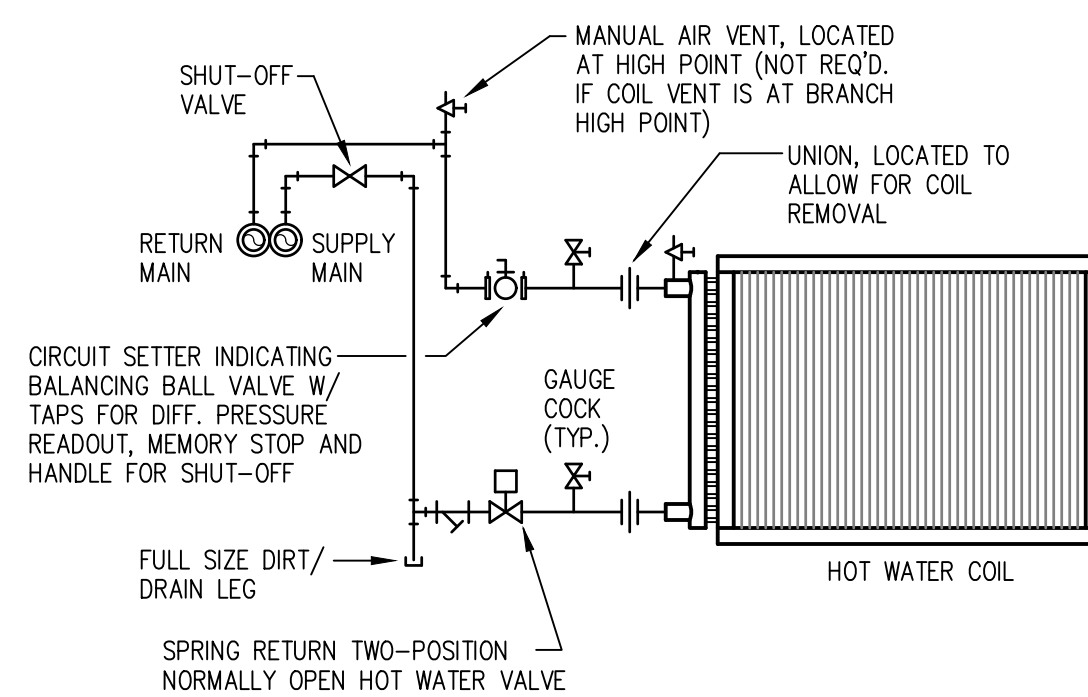
5 TYPICAL VAV BOX SUPPORT DETAIL

NOT TO SCALE



6 TERMINAL UNIT INSTALLATION DETAIL

NOT TO SCALE



7 PIPING ARRANGEMENT - HOT WATER REHEAT COIL

2-WAY AUTOMATIC CONTROL VALVE (NOT TO SCALE)

NETTA ARCHITECTS
237 West 86th Street
New York, NY 10024
Phone: 878.378.0068
www.nettaarchitects.com
CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

MECHANICAL DETAILS

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022

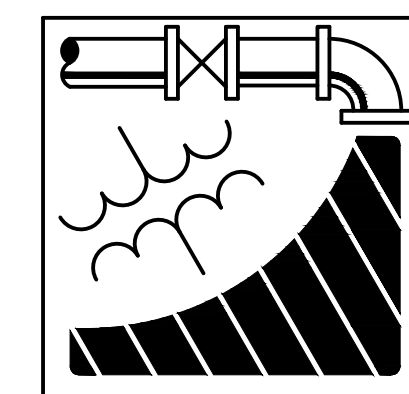
Scale AS SHOWN

Drawn by JCS

Checked by JNB

Job No. 2191488

Drawing No.

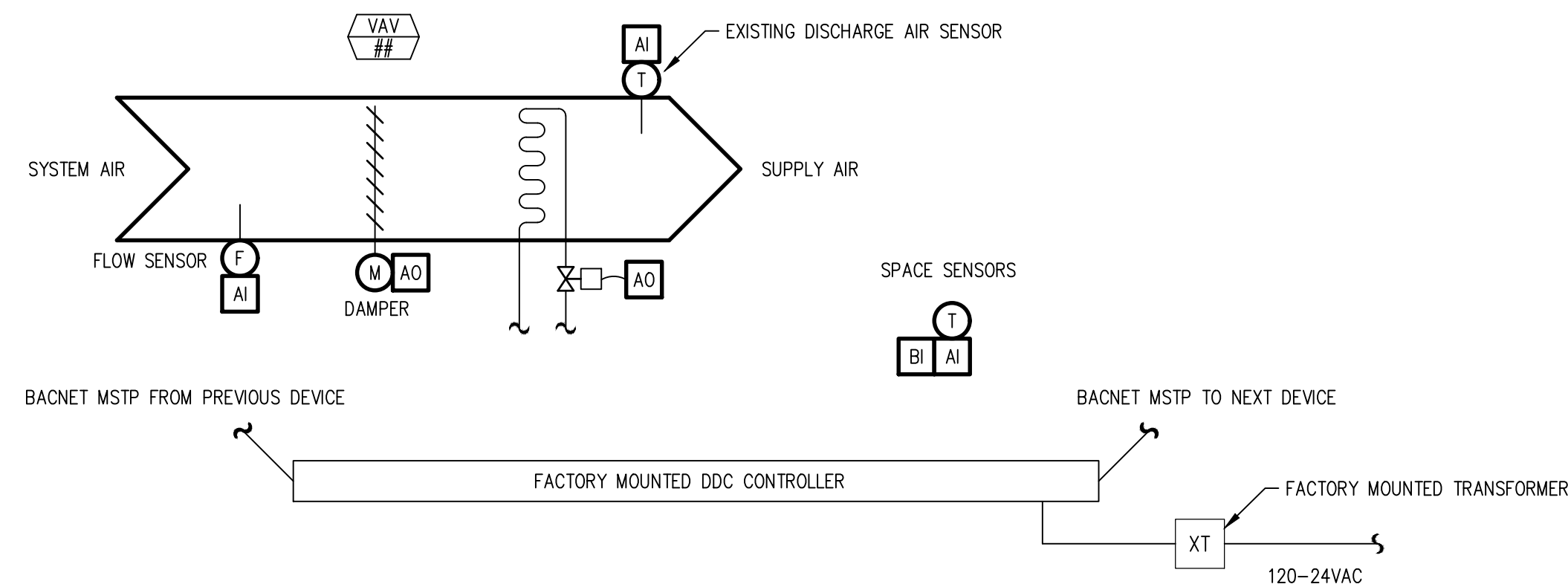


ENGINEERING DRIVEN DESIGN PC

555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

M-300



1 VAV TERMINAL UNIT WITH HOT WATER REHEAT CONTROL SCHEMATIC
DIAGRAMMATIC

VARIABLE AIR VOLUME TERMINAL UNIT WITH HOT WATER REHEAT COIL SEQUENCE OF OPERATION

RUN CONDITIONS – SCHEDULED:
THE UNIT SHALL RUN ACCORDING TO A USER DEFINABLE TIME SCHEDULE IN THE FOLLOWING MODES:

- OCCUPIED MODE: THE UNIT SHALL MAINTAIN
- A 75°F (ADJ.) COOLING SETPOINT
 - A 70°F (ADJ.) HEATING SETPOINT.

- UNOCCUPIED MODE (NIGHT SETBACK): THE UNIT SHALL MAINTAIN
- A 85°F (ADJ.) COOLING SETPOINT.
 - A 55°F (ADJ.) HEATING SETPOINT.

ALARMS SHALL BE PROVIDED AS FOLLOWS:

- HIGH ZONE TEMP: IF THE ZONE TEMPERATURE IS GREATER THAN THE COOLING SETPOINT BY A USER DEFINABLE AMOUNT (ADJ.).
- LOW ZONE TEMP: IF THE ZONE TEMPERATURE IS LESS THAN THE HEATING SETPOINT BY A USER DEFINABLE AMOUNT (ADJ.).

ZONE SETPOINT ADJUST:

THE OCCUPANT SHALL BE ABLE TO ADJUST THE ZONE TEMPERATURE HEATING AND COOLING SETPOINTS AT THE ZONE SENSOR.

ZONE OPTIMAL START:

THE UNIT SHALL USE AN OPTIMAL START ALGORITHM FOR MORNING START-UP. THIS ALGORITHM SHALL MINIMIZE THE UNOCCUPIED WARM-UP OR COOL-DOWN PERIOD WHILE STILL ACHIEVING COMFORT CONDITIONS BY THE START OF SCHEDULED OCCUPIED PERIOD.

ZONE UNOCCUPIED OVERRIDE:

A TIMED LOCAL OVERRIDE CONTROL SHALL ALLOW AN OCCUPANT TO OVERRIDE THE SCHEDULE AND PLACE THE UNIT INTO AN OCCUPIED MODE FOR AN ADJUSTABLE PERIOD OF TIME. AT THE EXPIRATION OF THIS TIME, CONTROL OF THE UNIT SHALL AUTOMATICALLY RETURN TO THE SCHEDULE.

REVERSING VARIABLE VOLUME TERMINAL UNIT – FLOW CONTROL:

THE UNIT SHALL MAINTAIN ZONE SETPOINTS BY CONTROLLING THE AIRFLOW THROUGH ONE OF THE FOLLOWING:

OCCUPIED:

- WHEN ZONE TEMPERATURE IS GREATER THAN ITS COOLING SETPOINT, THE ZONE DAMPER SHALL MODULATE BETWEEN THE MINIMUM OCCUPIED AIRFLOW (ADJ.) AND THE MAXIMUM COOLING AIRFLOW (ADJ.) UNTIL THE ZONE IS SATISFIED.

- WHEN THE ZONE TEMPERATURE IS BETWEEN THE COOLING SETPOINT AND THE HEATING SETPOINT, THE ZONE DAMPER SHALL MAINTAIN THE MINIMUM REQUIRED ZONE VENTILATION (ADJ.).
- WHEN ZONE TEMPERATURE IS LESS THAN ITS HEATING SETPOINT, THE CONTROLLER SHALL ENABLE HEATING TO MAINTAIN THE ZONE TEMPERATURE AT ITS HEATING SETPOINT. ADDITIONALLY, IF WARM AIR IS AVAILABLE FROM THE AHU, THE ZONE DAMPER SHALL MODULATE BETWEEN THE MINIMUM OCCUPIED AIRFLOW (ADJ.) AND THE MAXIMUM HEATING AIRFLOW (ADJ.) UNTIL THE ZONE IS SATISFIED.

UNOCCUPIED:

- WHEN THE ZONE IS UNOCCUPIED THE ZONE DAMPER SHALL CONTROL TO ITS MINIMUM UNOCCUPIED AIRFLOW (ADJ.).
- WHEN THE ZONE TEMPERATURE IS GREATER THAN ITS COOLING SETPOINT, THE ZONE DAMPER SHALL MODULATE BETWEEN THE MINIMUM UNOCCUPIED AIRFLOW (ADJ.) AND THE MAXIMUM COOLING AIRFLOW (ADJ.) UNTIL THE ZONE IS SATISFIED.
- WHEN ZONE TEMPERATURE IS LESS THAN ITS UNOCCUPIED HEATING SETPOINT, THE CONTROLLER SHALL ENABLE HEATING TO MAINTAIN THE ZONE TEMPERATURE AT THE SETPOINT. ADDITIONALLY, IF WARM AIR IS AVAILABLE FROM THE AHU, THE ZONE DAMPER SHALL MODULATE BETWEEN THE MINIMUM UNOCCUPIED AIRFLOW (ADJ.) AND THE AUXILIARY HEATING AIRFLOW (ADJ.) UNTIL THE ZONE IS SATISFIED.

HOT WATER COIL REHEATING:

THE CONTROLLER SHALL MEASURE THE ZONE TEMPERATURE AND MODULATE THE REHEATING TO MAINTAIN ITS SETPOINT. TO PREVENT SHORT CYCLING, THE ELECTRIC HEATER SHALL HAVE A USER DEFINABLE (ADJ.) MINIMUM RUNTIME.

THE REHEATING SHALL BE ENABLED WHENEVER:

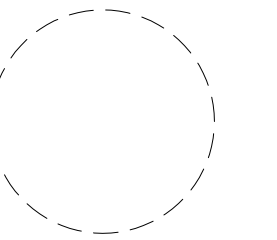
- THE ZONE TEMPERATURE IS BELOW SETPOINT.
- AND SUFFICIENT AIRFLOW IS PROVIDED.

DISCHARGE AIR TEMPERATURE:

THE CONTROLLER SHALL MONITOR THE DISCHARGE AIR TEMPERATURE.

ALARMS SHALL BE PROVIDED AS FOLLOWS:

- HIGH DISCHARGE AIR TEMP: IF THE DISCHARGE AIR TEMPERATURE IS GREATER THAN 120°F (ADJ.).
- LOW DISCHARGE AIR TEMP: IF THE DISCHARGE AIR TEMPERATURE IS LESS THAN 40°F (ADJ.).



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

MECHANICAL SEQUENCE OF OPERATIONS

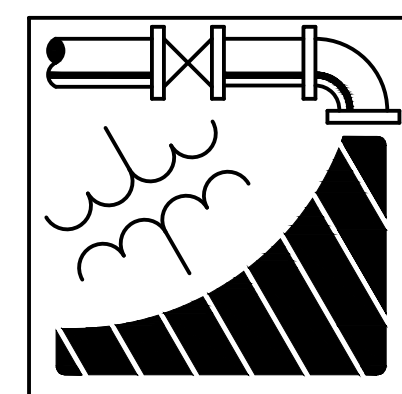
PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

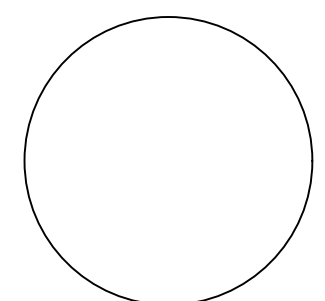
08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV
Date	09.14.2022		
Scale	AS SHOWN		
Drawn by	JCS		
Checked by	JNB		
Job No.	2191488		
Drawing No.			



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



M-301

ELECTRICAL GENERAL NOTES:

1 SUMMARY

1. THE SCOPE OF THE PROJECT IS TO MODIFY THE EXISTING ELECTRICAL SYSTEMS SERVING EXISTING OFFICE SPACES AND TOILET ROOMS WITHIN THE BURLINGTON COUNTY HUMAN SERVICES BUILDING.
2. THE BUILDING IS A SEISMIC DESIGN CATEGORY OF B, WHICH MEANS THAT ELECTRICAL SYSTEMS ARE EXEMPT FROM SEISMIC BRACING REQUIREMENTS.

2 DEFINITIONS

1. FURNISH: TO PURCHASE AND DELIVER AN ITEM TO THE STAGING AREA COMPLETE WITH ALL REQUIRED APPURTENANCES.
2. INSTALL: TO MOVE THE ITEM FROM THE STAGING AREA AND FASTEN TO THE STRUCTURE.
3. PROVIDE: TO FURNISH AND INSTALL.

3 QUALITY ASSURANCE

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH INDUSTRY STANDARDS AND SHALL CONFORM TO THE NEW JERSEY UNIFORM CONSTRUCTION CODE. THE CURRENTLY ADOPTED SUBCODES WITH AMENDMENTS ARE AS FOLLOWS:
 - 1.1. INTERNATIONAL BUILDING CODE 2021
 - 1.2. NATIONAL STANDARD PLUMBING CODE 2021
 - 1.3. INTERNATIONAL MECHANICAL CODE 2021
 - 1.4. INTERNATIONAL FUEL GAS CODE 2021
 - 1.5. NATIONAL ELECTRICAL CODE 2020
 - 1.6. ASHRAE 90.1-2019

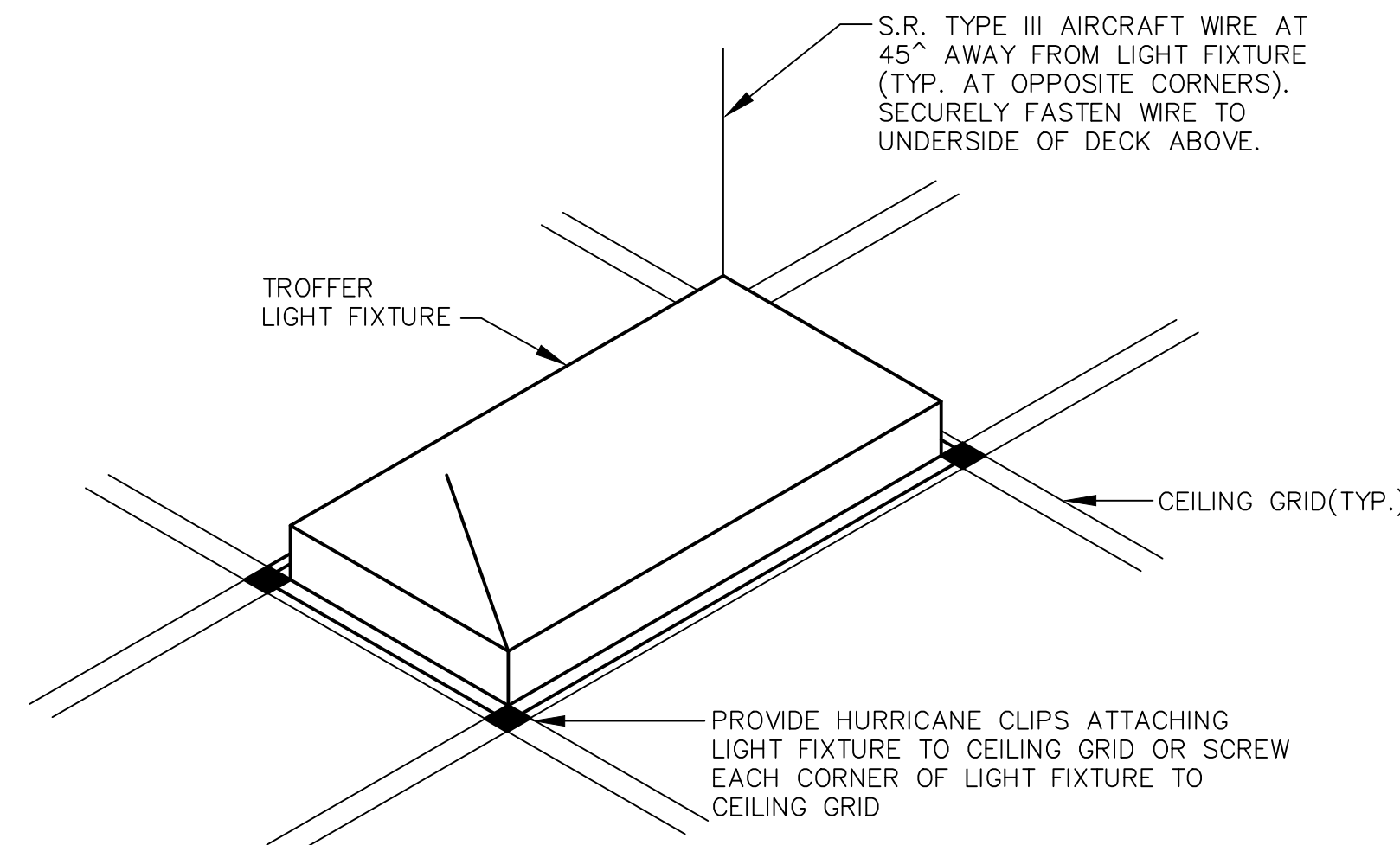
4 EXECUTION

1. ALL CUTTING AND PATCHING OF THE BUILDING SHALL BE PERFORMED BY THE CONTRACTOR. REMOVAL OF EXISTING SYSTEMS, COMPONENTS, SUPPORTS, ETC. SHALL HAVE ALL EXISTING HOLES OR PENETRATIONS PATCHED TO MATCH THE EXISTING ADJACENT CONSTRUCTION.
 2. REMOVE AND DISPOSE OF IN A LEGAL MANNER ALL CONSTRUCTION DEBRIS IDENTIFIED TO BE REMOVED. THE CONSTRUCTION AREA SHALL BE BROOM SWEEP EACH NIGHT. DO NOT LET RUBBISH ACCUMULATE.
 3. ALL CONSTRUCTION MATERIAL THAT CAN BE RECYCLED SHALL BE RECYCLED. MAINTAIN ALL RECEIPTS AND SUBMIT COPIES OF THE RECEIPT TO THE ARCHITECT TO DOCUMENT THE QUANTITIES OF THE RECYCLED MATERIAL.
- ## 5 COMMUNICATIONS SYMBOLS
1. SCOPE
 - 1.1. NETWORK DATA OUTLETS
 - 1.2. CATV
 - 1.3. AV OUTLETS
 2. THESE SYSTEMS ARE NOT INCLUDED IN THIS CONTRACT, HOWEVER THERE ARE ITEMS THAT REQUIRE COORDINATION.
 3. THE SYMBOLS SHOWN ON THE PLAN REQUIRE AN OUTLET BOX WITH CONDUIT TO ABOVE THE FINISHED CEILING WITH A PULL STRING FOR THE VARIOUS VENDORS TO PROVIDE THE WIRING, DEVICES, AND COVERPLATES.
 4. PROVIDE ALL REQUIRED POWER AND FIRE ALARM CONNECTIONS.

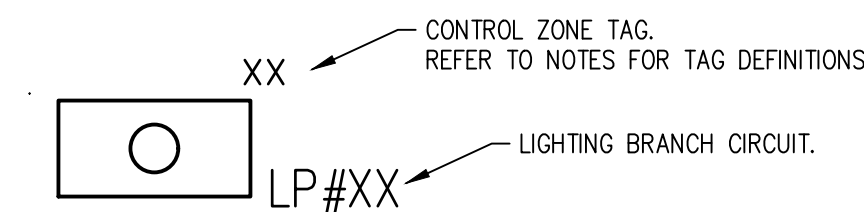
SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	HEAVY-DUTY GRADE DUPLEX RECEPTACLE NEMA 5-20R. 125 VOLT, 2 POLE, 3 WIRE. MOUNTED AT 18" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
	HEAVY-DUTY GRADE DOUBLE DUPLEX RECEPTACLE NEMA 2-20R. 125 VOLT, 2 POLE, 3 WIRE. MOUNTED AT 18" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
	HEAVY-DUTY GRADE DUPLEX RECEPTACLE NEMA CONFIGURATION AS SHOWN ON PLANS. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT TO BE INSTALLED.
	AC GENERAL USE SNAP SWITCH, 20 AMP, 120-277 VOLT - SINGLE POLE. X INDICATES SWITCHING CONTROL, WHERE NONE SHOWN SERVES ENTIRE ROOM.
	DRY TYPE TRANSFORMER (PLAN VIEW). REFER TO SCHEDULE.
	HEAVY DUTY DISCONNECT SWITCH. XX INDICATES RATED SWITCH AMPS, WHERE NONE SHOWN, PROVIDE 30 AMPERE SWITCH.
	WALL-MOUNTED JUNCTION BOX.
	MODULAR POWERED FURNITURE POWER FEED POINT. COORDINATE EXACT WHIP CONFIGURATION WITH FURNITURE PROVIDED. BASIS OF DESIGN - 8 WIRE 3+1 CIRCUITS.
	EXISTING SURFACE MOUNTED PANELBOARD. REFER TO SCHEDULE, IF USED.
	SURFACE MOUNTED PANELBOARD. REFER TO SCHEDULE.
	FLUSH MOUNTED PANELBOARD. REFER TO SCHEDULE.
	MODULAR POWERED FURNITURE COMMUNICATIONS FEED POINT. COORDINATE EXACT WHIP CONFIGURATION WITH FURNITURE PROVIDED.
	POWER POLE - TWO COMPARTMENT POWER POLE FOR POWER AND TELECOMMUNICATIONS.
	JUNCTION BOX FOR AUTOMATIC FAUCET OR FLUSHOMETER POWER. COORDINATE MOUNTING LOCATION AND EXACT POWER REQUIREMENTS WITH PLUMBING CONTRACTOR.
	COMMUNICATION JUNCTION BOX BY ELECTRICAL CONTRACTOR. REFER TO TAG FOR SYSTEM. REFER TO SPECIFICATIONS FOR SCOPE.
	INTRUSION DETECTION PANEL.
	WIRELESS ACCESS POINT.
	WIRELESS ACCESS POINT - CEILING MOUNTED.
	CEILING-MOUNTED SMOKE DETECTOR.
	FIRE ALARM NOTIFICATION APPLIANCE, HORN/STROBE - WALL MOUNTED.
	FIRE ALARM NOTIFICATION APPLIANCE, STROBE ONLY - WALL MOUNTED.
	FIRE ALARM SYSTEM PULL STATION.
	ELECTRICAL EQUIPMENT OR WRING.
	EXISTING ELECTRICAL EQUIPMENT OR WRING TO REMAIN.
	EXISTING ELECTRICAL EQUIPMENT OR WRING TO BE REMOVED OR RELOCATED. REFER TO PLANS FOR SCOPE.

ABBREVIATIONS	
ABBRV	ABBREVIATION
2P	TWO POLE
3P	THREE POLE
4P	FOUR POLE
AC	ARMOR CLAD (WHEN REFERENCING CABLE) OR ALTERNATING CURRENT
AMP	AMPERE
C	CONDUIT
CATV	CABLE TELEVISION
CONN.	CONNECTED
D	DATA
EMT	ELECTRICAL METALLIC TUBING
FMC	FLEXIBLE METAL CONDUIT
G	EQUIPMENT GROUND
GEC	GROUNDING ELECTRODE CONDUCTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTING
GFP	GROUND FAULT PROTECTION
GRC	GALVANIZED RIGID CONDUIT
KAIC	KILOAMPERE INTERRUPTING RATING
KVA	KILOVOLT-AMPERE
LFMC	LIQUID TIGHT, FLEXIBLE METAL CONDUIT
MC	METAL CLAD CABLE
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
N	NEUTRAL
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
OCP	OVERCURRENT PROTECTION
PIR	PASSIVE INFRARED
PV	PHOTOVOLTATIC
RGS	RIGID GALVANIZED STEEL CONDUIT
RNC	RIGID NONMETALLIC CONDUIT
S	SWITCHED, REFER TO PLANS FOR CONTROL.
SSBJ	SUPPLY SIDE BONDING JUMPER
US	ULTRASONIC
V	VOLTS (UNLESS NEXT TO COMMUNICATION SYMBOL, THEN VOICE).
VA	VOLT-AMPERE
WP	NEMA 3R ENCLOSURE

LIGHTING CONTROL SEQUENCE OF OPERATION		
NO.	REQUIRED CONTROL OPERATION	DESCRIPTION
1	RESTRICTED TO MANUAL ON	NONE OF THE LIGHTING SHALL BE AUTOMATICALLY TURNED ON.
2	BILEVEL LIGHTING CONTROL	THE GENERAL LIGHTING SHALL BE CONTROLLER SO AS TO PROVIDE CONTINUOUS DIMMING IN ADDITION TO FULL-ON AND FULL-OFF OPERATIONS.
3	AUTOMATIC DAYLIGHT RESPONSIVE CONTROLS FOR PRIMARY SIDELIGHTING AREA	GENERAL LIGHTING WITHIN PRIMARY SIDELIGHTED AREAS SHALL BE CONTROLLED VIA PHOTOCONTROLS. PHOTOCONTROLS SHALL CALIBRATE LIGHTING POWER VIA CONTINUOUS DIMMING OPERATION.
4	AUTOMATIC DAYLIGHT RESPONSIVE CONTROLS FOR SECONDARY SIDELIGHTING AREAS	GENERAL LIGHTING WITHIN SECONDARY SIDELIGHTED AREAS SHALL BE CONTROLLED VIA PHOTOCONTROLS. PHOTOCONTROLS FOR SECONDARY SIDELIGHTED AREAS SHALL BE INDEPENDENT OF CONTROLS USED FOR PRIMARY SIDELIGHTED AREAS. PHOTOCONTROLS SHALL CALIBRATE LIGHTING POWER VIA CONTINUOUS DIMMING OPERATION.
5	AUTOMATIC FULL OFF	ALL LIGHTING FIXTURES WITHIN SPACE SHALL BE AUTOMATICALLY SHUT OFF WITHIN 20 MINUTES OF ALL OCCUPANTS LEAVING SPACE.



1 RECESSED LIGHTING FIXTURE SUPPORT DETAIL
NOT TO SCALE



2 TYPICAL LIGHTING DESIGNATIONS
DIAGRAMMATIC

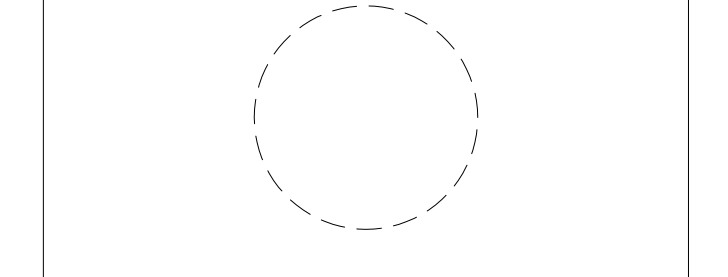
TYPICAL LIGHTING CONTROL DESIGNATION NOTES:

1. CONTROL ZONE TAGS: a,b,c,... = SWITCH ZONE TAG - LOWER CASE DESIGNATION a/p, b/p, c/p,... = DAYLIGHT RESPONSIVE CONTROL PRIMARY ZONE TAG a/s, b/s, c/s,... = DAYLIGHT RESPONSIVE CONTROL SECONDARY ZONE TAG DAYLIGHT RESPONSIVE CONTROL ZONES, BOTH PRIMARY AND SECONDARY, SHALL BE SWITCHED WITH FIXTURES WITH THE SAME SWITCH ZONE TAG DESIGNATION IN ADDITION TO AUTOMATIC DIMMING/SHUTOFF FROM DAYLIGHT SENSOR.

ELECTRICAL DRAWING LIST

Sheet Number	Sheet Title
E-000	ELECTRICAL GENERAL NOTES AND SPECIFICATIONS
E-100	ELECTRICAL GROUND FLOOR DEMOLITION POWER PLAN
E-101	ELECTRICAL GROUND FLOOR DEMOLITION LIGHTING PLAN
E-102	ELECTRICAL FIRST FLOOR DEMOLITION POWER PLAN
E-103	ELECTRICAL SECOND FLOOR DEMOLITION POWER PLAN
E-104	ELECTRICAL THIRD FLOOR DEMOLITION POWER PLAN
E-105	ELECTRICAL THIRD FLOOR DEMOLITION LIGHTING PLAN
E-106	ELECTRICAL THIRD FLOOR DEMOLITION LIGHTING PLAN
E-110	ELECTRICAL GROUND FLOOR DEMOLITION LIGHTING PLAN
E-111	ELECTRICAL GROUND FLOOR DEMOLITION LIGHTING PLAN
E-112	ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN
E-113	ELECTRICAL SECOND FLOOR DEMOLITION LIGHTING PLAN
E-114	ELECTRICAL THIRD FLOOR DEMOLITION LIGHTING PLAN
E-115	ELECTRICAL THIRD FLOOR DEMOLITION LIGHTING PLAN
E-116	ELECTRICAL THIRD FLOOR DEMOLITION LIGHTING PLAN
E-200	ELECTRICAL GROUND FLOOR POWER PLAN
E-201	ELECTRICAL GROUND FLOOR POWER PLAN
E-202	ELECTRICAL FIRST FLOOR POWER PLAN
E-203	ELECTRICAL SECOND FLOOR POWER PLAN
E-204	ELECTRICAL THIRD FLOOR POWER PLAN
E-205	ELECTRICAL THIRD FLOOR POWER PLAN
E-206	ELECTRICAL THIRD FLOOR POWER PLAN
E-300	ELECTRICAL GROUND FLOOR LIGHTING PLAN
E-301	ELECTRICAL GROUND FLOOR LIGHTING PLAN
E-302	ELECTRICAL FIRST FLOOR LIGHTING PLAN
E-303	ELECTRICAL SECOND FLOOR LIGHTING PLAN
E-304	ELECTRICAL THIRD FLOOR LIGHTING PLAN
E-305	ELECTRICAL THIRD FLOOR LIGHTING PLAN
E-306	ELECTRICAL THIRD FLOOR LIGHTING PLAN
E-400	ELECTRICAL SINGLE LINE DRAWING
E-500	ELECTRICAL PANEL SCHEDULE
E-501	ELECTRICAL PANEL SCHEDULE

NETTAARCHITECTS
287 West 86th Street
New York, NY 10024
Phone: 878.379.0008
www.nettaarchitects.com
Certificate of Authorization AC-438



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL GENERAL NOTES AND SPECIFICATIONS

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022
Scale AS SHOWN
Drawn by DP
Checked by JNB
Job No. 2191488
Drawing No.

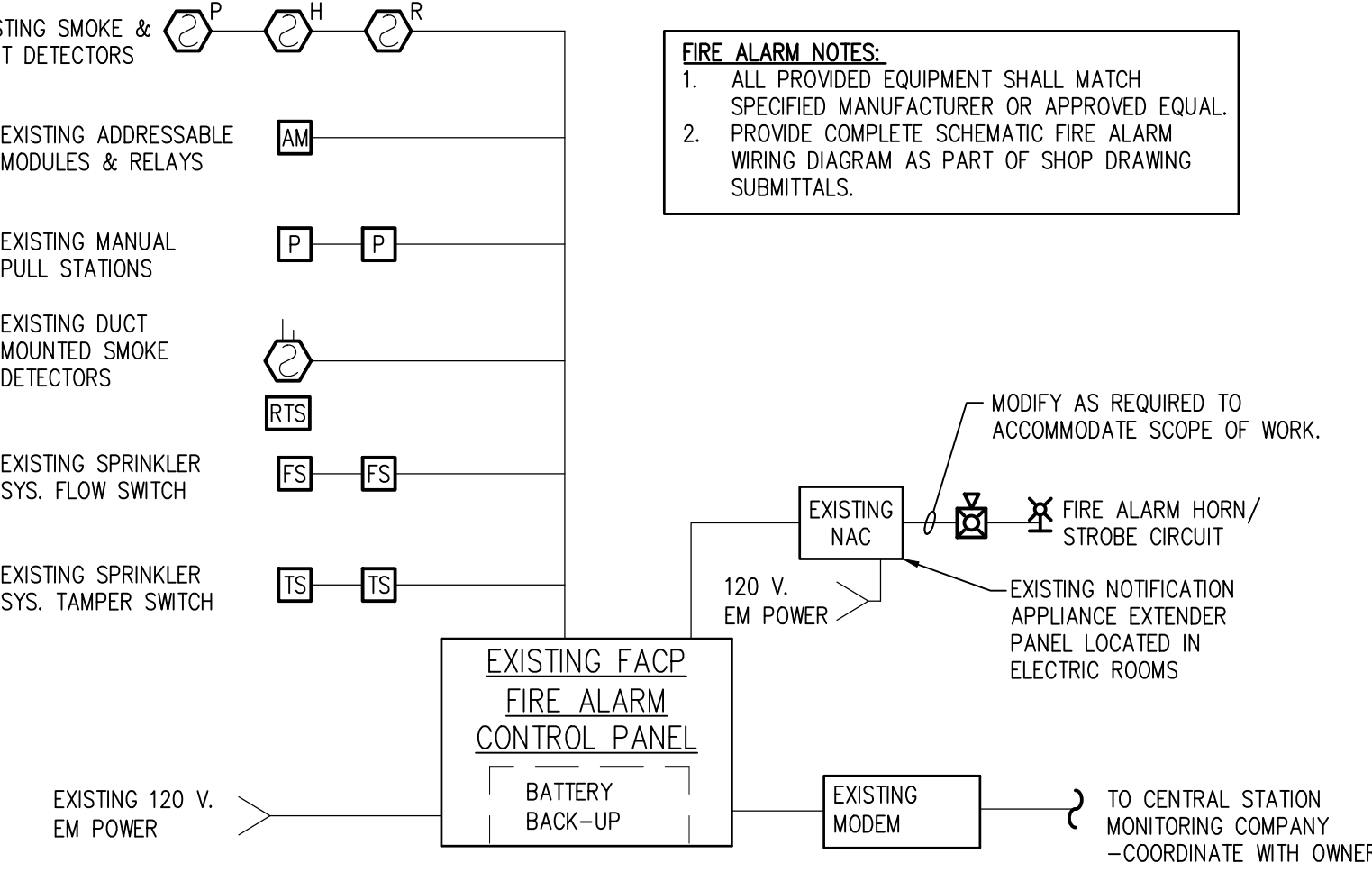
E-000

RACEWAY APPLICATION TABLE		
OUTDOORS		RACEWAY
EXPOSED OR CONCEALED	GRC	
UNDERGROUND	RNC	
CONNECTION TO VIBRATING EQUIPMENT	LFMC	
INDOORS		RACEWAY
EXPOSED	EMT	
EXPOSED THE FOLLOWING LOCATIONS UP TO 20' AFF. LOADING DOCKS, WAREHOUSES, MAINTENANCE AREAS, MECHANICAL ROOMS.	GRC	
CONCEALED IN CEILINGS AND WALLS OR PARTITIONS	EMT (MC / AC CABLE WHERE SPECIFICATIONS ALLOW).	
CONNECTION TO VIBRATING EQUIPMENT	FMC	
DAMP OR WET LOCATIONS	GRC	

AUTOMATIC LIGHTING CONTROL SCHEDULE						
TAG	BASIS OF DESIGN		DESCRIPTION	SENSOR	VOLT.	NOTES
	MAKE	MODEL				
Sos	NX	LHMTS SERIES	LINE VOLTAGE DUAL TECHNOLOGY OCCUPANCY WALL SWITCH/SENSOR	PIR/US	120/277V	3
Ss	NX	NX-ORLO SERIES	LOW VOLTAGE WALL SWITCH FOR 0-10V DIMMING	---	24V	2,5
Ss#	NX	NXSW SERIES	LOW VOLTAGE MOMENTARY CONTACT WALL SWITCH	---	24V	3
OS	NX	NXSMDT-OMNI SERIES	LOW VOLTAGE DUAL TECHNOLOGY OCCUPANCY CEILING SENSOR	PIR/US	24V	1,4,6
PP	NX	NXRCFX2 SERIES	ROOM CONTROLLER WITH 0-10V DIMMING	---	120/277V	5

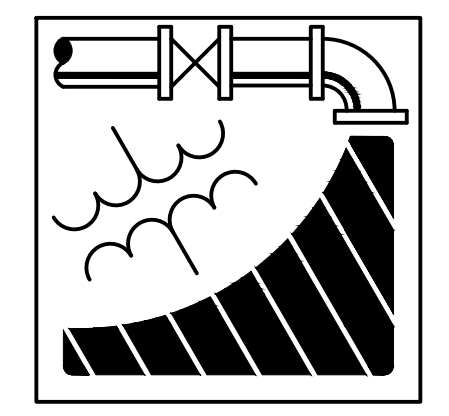
GENERAL NOTES: 1,6

AUTOMATIC LIGHTING CONTROL SCHEDULE NOTES:
1. PROVIDE LOW VOLTAGE DIMMING POWERPACKS AS REQUIRED. NX MODEL: NXRCFX2.
2. PROVIDE SENSOR WITH AUTO ON MODE SELECTED.
3. PROVIDE SENSOR WITH MANUAL ON MODE SELECTED.
4. PROVIDE CATV WIRING FROM SENSORS TO POWER PACKS AS REQUIRED.
5. PROVIDE WIRING FOR ALL 0-10V DIMMED FIXTURES AS REQUIRED.
6. PROVIDE ALL LIGHTING CONTROL SWITCHES AND SENSORS WITH WHITE FINISH.



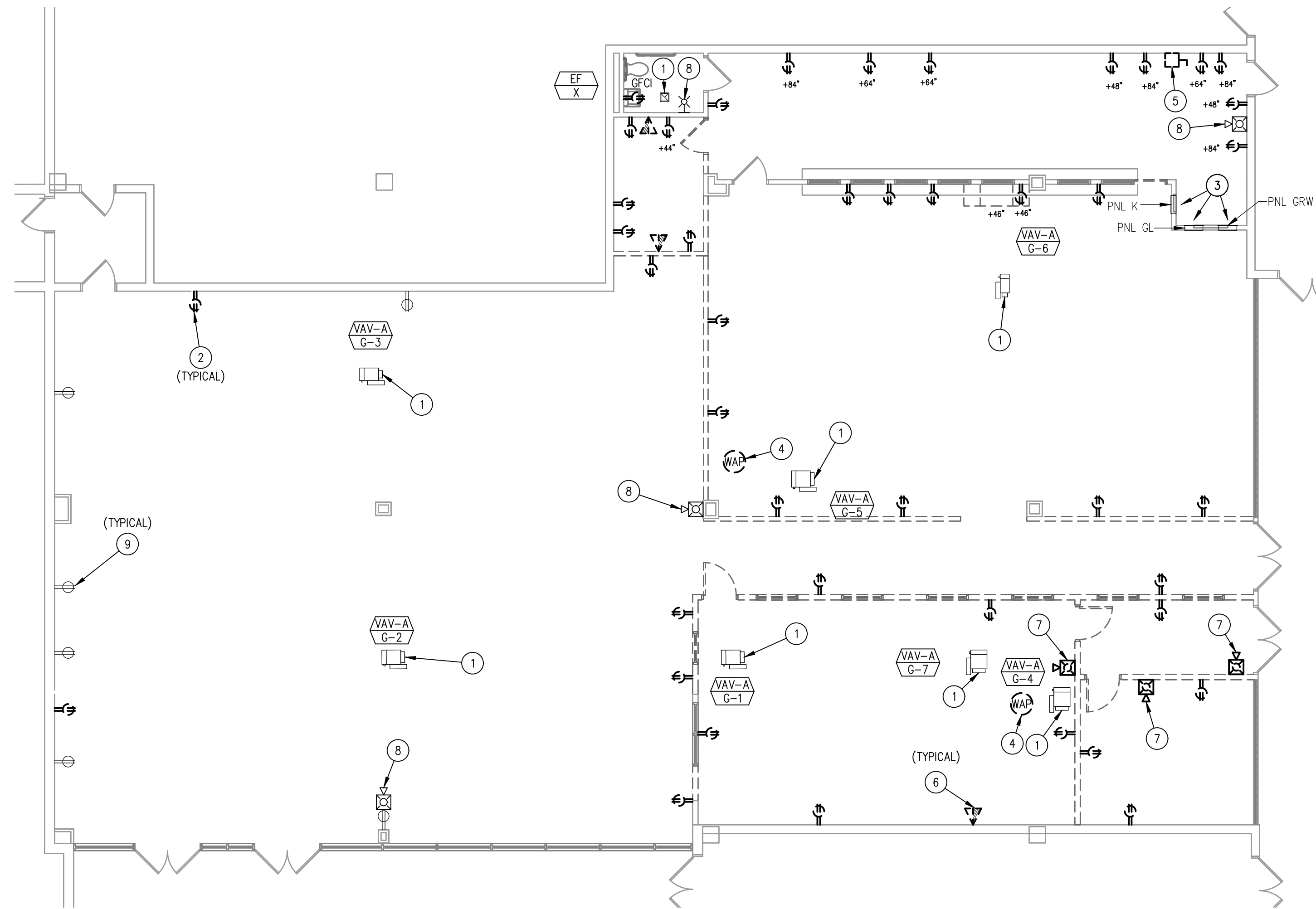
3 FIRE ALARM SYSTEM RISER DIAGRAM
DIAGRAMMATIC

FLOOR BOX/POKE THRU SCHEDULE	
SYMBOL	DESCRIPTION
	FLOOR BOX - MINIMUM (2) DUPLEX 20A RECEPTACLES AND (2) TELECOMMUNICATIONS OUTLETS - LEGRAND WREMOLD OMNIBOX SERIES.
	4" POKE THRU - MINIMUM (2) DUPLEX 20A RECEPTACLES AND (2) TELECOMMUNICATIONS OUTLETS - LEGRAND EVOLUTION 4ATC SERIES.

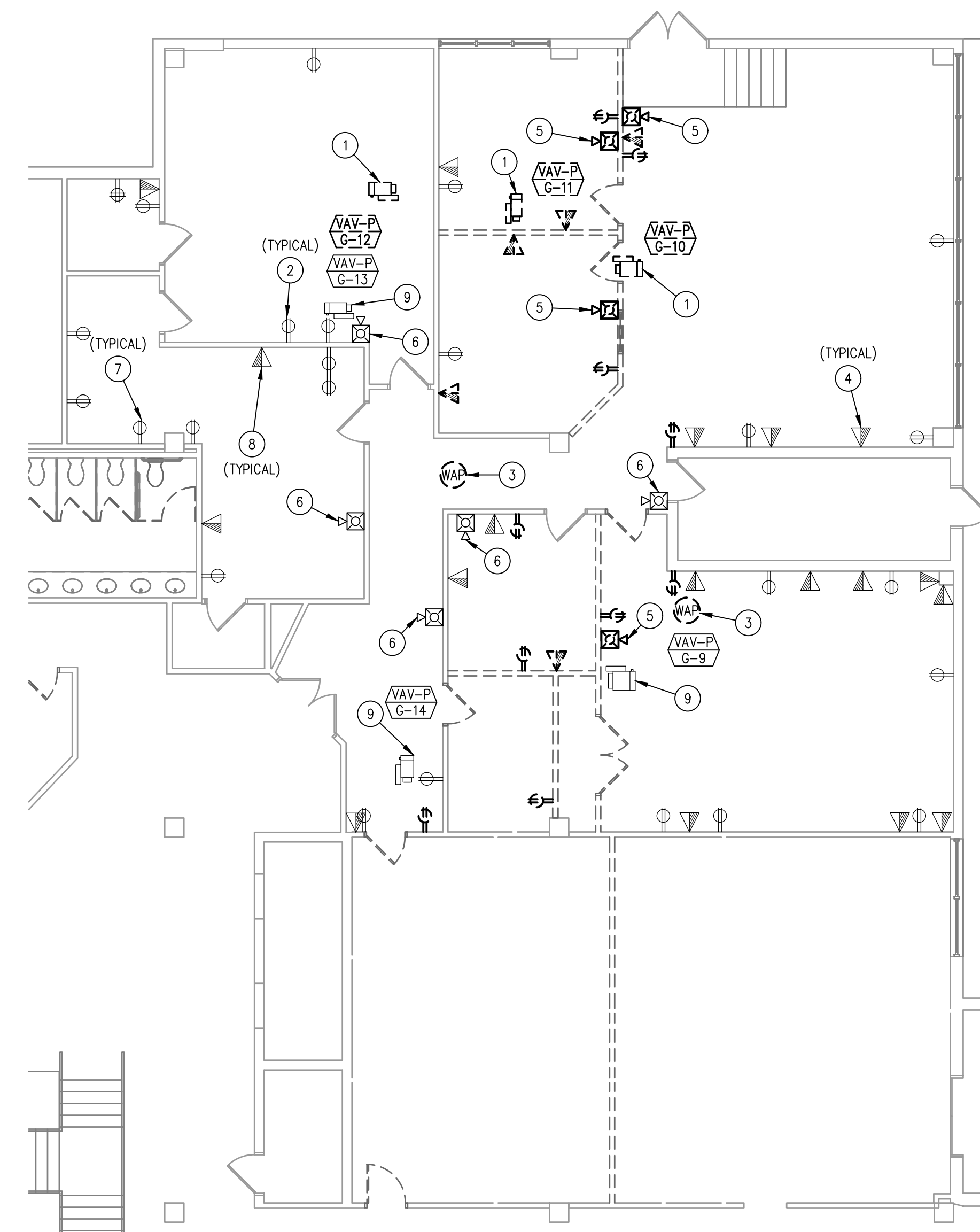


ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineeredriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



1 ELECTRICAL GROUND FLOOR CAFETERIA DEMOLITION POWER PLAN
1/8" = 1'-0"



2 ELECTRICAL GROUND FLOOR SUPERINTENDENT DEMOLITION POWER PLAN
1/8" = 1'-0"

GENERAL DEMOLITION PLAN NOTES:

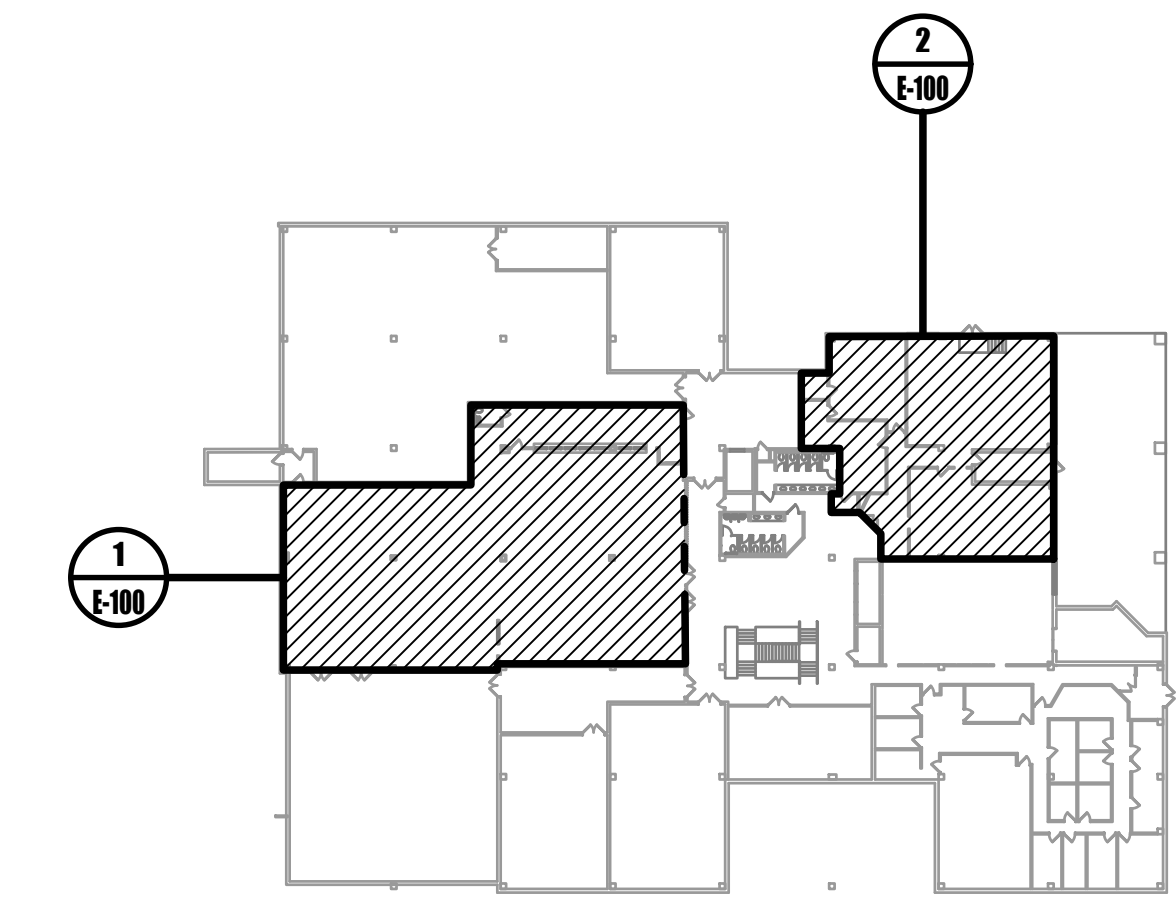
1. FOR ALL ITEMS DESIGNATED TO BE REMOVED, REMOVE THE BRANCH CIRCUIT, ASSOCIATED OBSOLETE WIRING, ANY SUPPORTS, CONTROLS, ETC FOR OBSOLETE ITEMS, UNLESS NOTED OTHERWISE.
2. PATCH EXISTING GENERAL CONSTRUCTION TO REMAIN TO MATCH THE EXISTING ADJACENT CONSTRUCTION FOR ALL ITEMS DESIGNATED TO BE REMOVED.
3. REMOVE ALL ITEMS FROM PREMISES DAILY AND KEEP CONSTRUCTION SITE BROOM SWEEP.
4. UTILIZE EXISTING ELECTRICAL POWER FOR CONSTRUCTION POWER. COORDINATE DEMOLITION TO PROVIDE GFCI RECEPTACLE EVERY 400 SQUARE FEET DURING CONSTRUCTION. IF CONSTRUCTION POWER CAN NOT BE COORDINATED WITH DEMOLITION, PROVIDE TEMPORARY POWER FOR CONSTRUCTION ACTIVITIES.
5. PROVIDE TEMPORARY LIGHTING THROUGHOUT CONSTRUCTION.
6. ENSURE DEMOLITION DOES NOT AFFECT ADJACENT SPACES. THE ADJACENT SPACES WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION.
7. TEMPORARILY REMOVE ALL ELECTRICAL ITEMS IN CEILING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK. REINSTALL UPON COMPLETION OF WORK. COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR.
8. ALL REMOVED LIGHT FIXTURES NOT UTILIZED SHALL BE TURNED OVER TO OWNER.

CAFETERIA DEMOLITION KEYED NOTES:

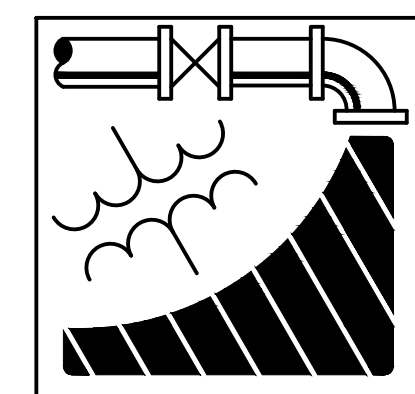
- 1 EXISTING MECHANICAL EQUIPMENT TO REMAIN.
- 2 REMOVE EXISTING RECEPTACLE AND ASSOCIATED WIRING BACK TO SOURCE.
- 3 EXISTING PANELBOARD TO REMAIN.
- 4 TEMPORARILY TAKE DOWN AND PUT BACK EXISTING WIRELESS ACCESS POINT TO ACCOMMODATE SCOPE OF WORK. MODIFY AND EXTEND WIRING AS REQUIRED.
- 5 REMOVE EXISTING DISCONNECT SWITCH AND ASSOCIATED BRANCH CIRCUITRY.
- 6 REMOVE EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING BACK TO SOURCE.
- 7 REMOVE EXISTING FIRE ALARM NOTIFICATION DEVICE AND ASSOCIATED WIRING BACK TO SOURCE.
- 8 EXISTING FIRE ALARM NOTIFICATION DEVICE TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- 9 EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY TO REMAIN.

SUPERINTENDENT DEMOLITION KEYED NOTES:

- 1 REMOVE EXISTING ELECTRICAL EQUIPMENT ASSOCIATED WITH MECHANICAL EQUIPMENT TO BE REMOVED. COORDINATE REMOVAL OF EQUIPMENT WITH MECHANICAL CONTRACTOR.
- 2 REMOVE EXISTING RECEPTACLE AND ASSOCIATED WIRING BACK TO SOURCE.
- 3 TEMPORARILY TAKE DOWN AND PUT BACK EXISTING WIRELESS ACCESS POINT TO ACCOMMODATE SCOPE OF WORK. MODIFY AND EXTEND WIRING AS REQUIRED.
- 4 REMOVE EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING BACK TO SOURCE.
- 5 REMOVE EXISTING FIRE ALARM NOTIFICATION DEVICE AND ASSOCIATED WIRING BACK TO SOURCE.
- 6 EXISTING FIRE ALARM NOTIFICATION DEVICE TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- 7 EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY TO REMAIN.
- 8 EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING TO REMAIN.
- 9 EXISTING MECHANICAL EQUIPMENT TO REMAIN.

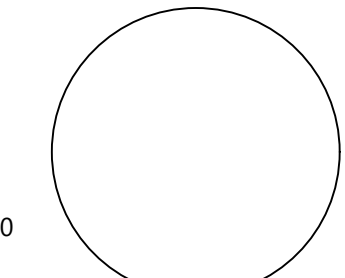


0 KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NETTAARCHITECTS
104 Route 22 West
Mountain Top, PA 18754
Phone: 878.370.0068
www.nettaarchitects.com
237 West 56th Street
New York, NY 10004
Phone: 212.777.2090
CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL GROUND FLOOR DEMOLITION POWER PLAN

PROJECT TITLE:

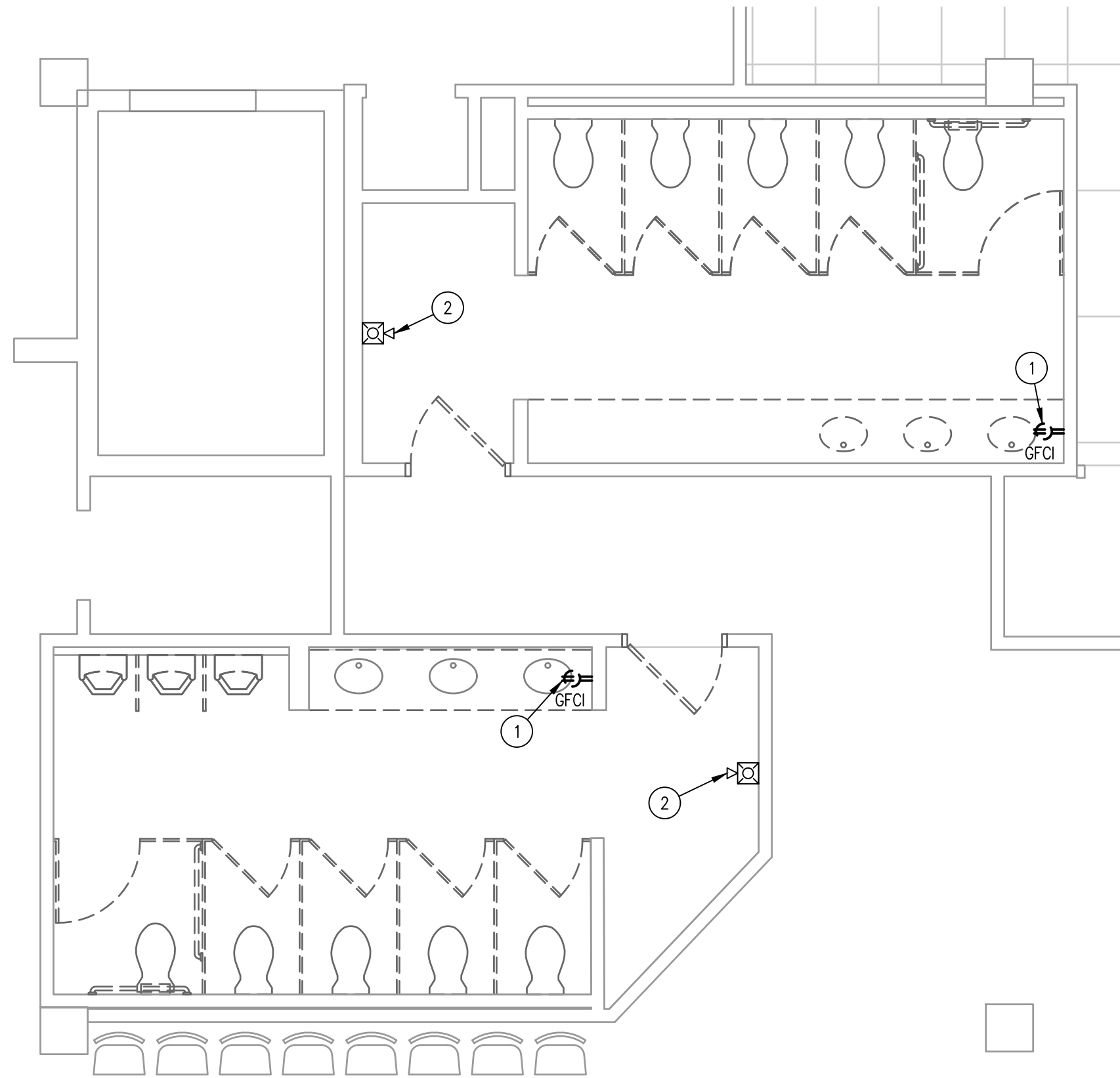
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:
08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	DP
Checked by	JNB
Job No.	2191488
Drawing No.	

E-100



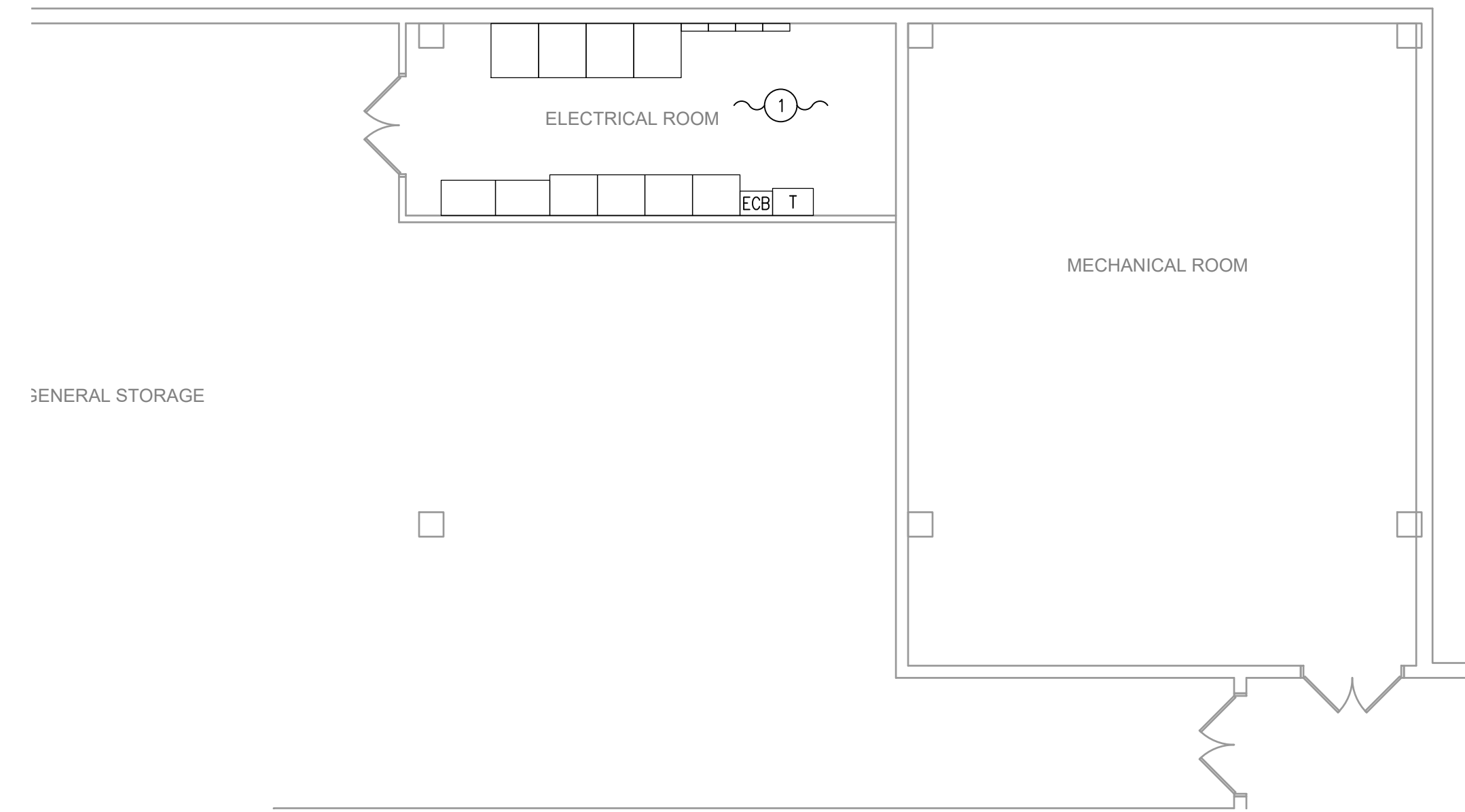
1 ELECTRICAL GROUND FLOOR RESTROOM DEMOLITION POWER PLAN
1/4" = 1'-0"

GENERAL DEMOLITION PLAN NOTES:

1. FOR ALL ITEMS DESIGNATED TO BE REMOVED, REMOVE THE BRANCH CIRCUIT, ASSOCIATED OBSOLETE WIRING, ANY SUPPORTS, CONTROLS, ETC FOR OBSOLETE ITEMS, UNLESS NOTED OTHERWISE.
2. PATCH EXISTING GENERAL CONSTRUCTION TO REMAIN TO MATCH THE EXISTING ADJACENT CONSTRUCTION FOR ALL ITEMS DESIGNATED TO BE REMOVED.
3. REMOVE ALL ITEMS FROM PREMISES DAILY AND KEEP CONSTRUCTION SITE BROOM SWEEP.
4. UTILIZE EXISTING ELECTRICAL POWER FOR CONSTRUCTION POWER. COORDINATE DEMOLITION TO PROVIDE GFCI RECEPTACLE EVERY 400 SQUARE FEET DURING CONSTRUCTION. IF CONSTRUCTION POWER CAN NOT BE COORDINATED WITH DEMOLITION, PROVIDE TEMPORARY POWER FOR CONSTRUCTION ACTIVITIES.
5. PROVIDE TEMPORARY LIGHTING THROUGHOUT CONSTRUCTION.
6. ENSURE DEMOLITION DOES NOT AFFECT ADJACENT SPACES. THE ADJACENT SPACES WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION.
7. TEMPORARILY REMOVE ALL ELECTRICAL ITEMS IN CEILING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK. REINSTALL UPON COMPLETION OF WORK. COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR.
8. ALL REMOVED LIGHT FIXTURES NOT UTILIZED SHALL BE TURNED OVER TO OWNER.

RESTROOM DEMOLITION KEYED NOTES:

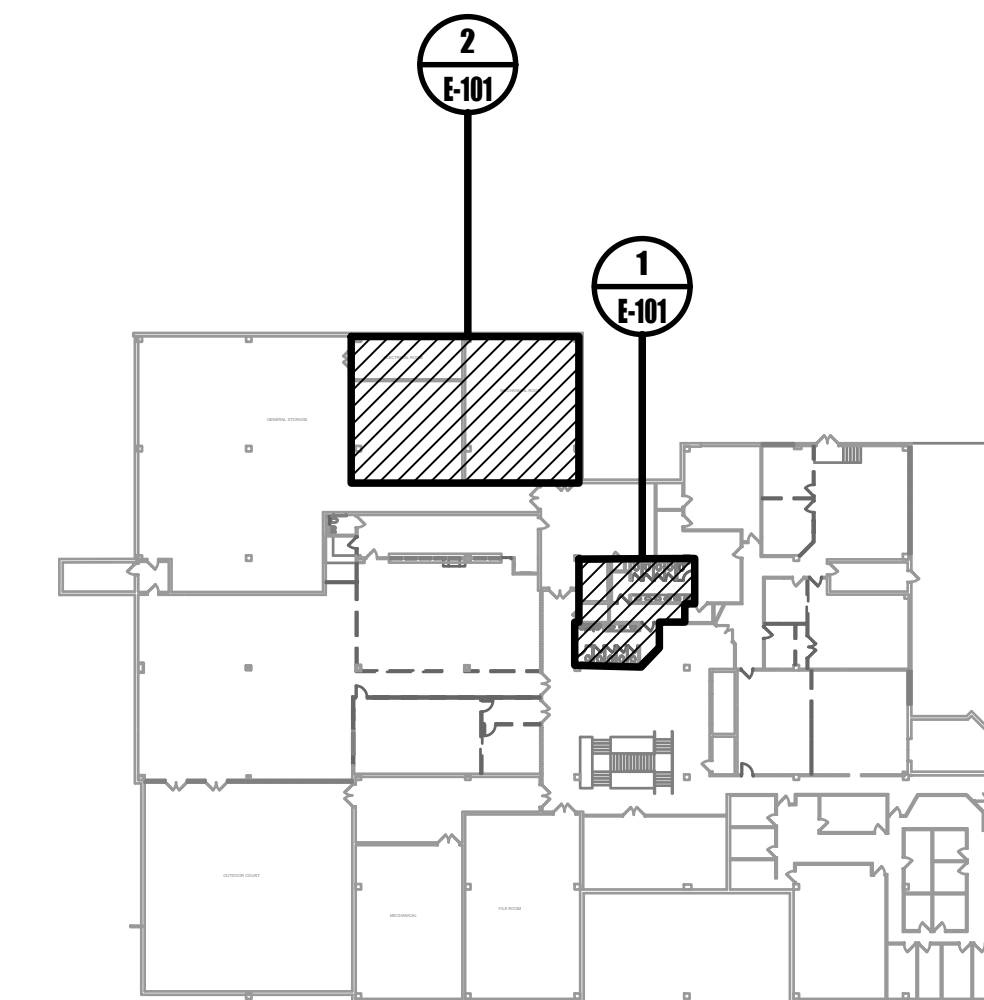
- 1 REMOVE EXISTING RECEPTACLE AND ASSOCIATED WIRING BACK TO SOURCE.
- 2 EXISTING FIRE ALARM NOTIFICATION DEVICE TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.



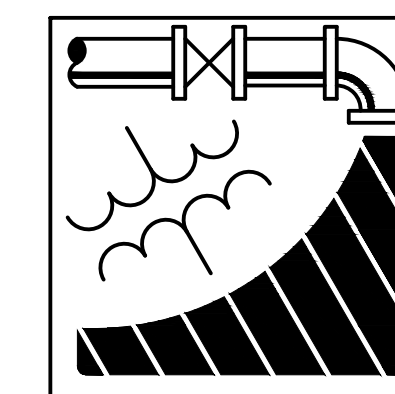
2 ELECTRICAL GROUND FLOOR ELECTRICAL ROOM DEMOLITION PLAN
1/4" = 1'-0"

ELECTRICAL ROOM DEMOLITION KEYED NOTES:

- 1 EXISTING ELECTRICAL EQUIPMENT TO REMAIN.

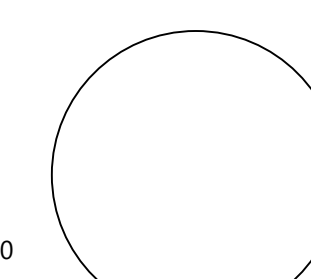


0 KEYPLAN
NOT TO SCALE

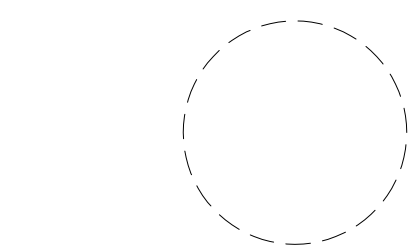


ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NETTA ARCHITECTS
237 West 56th Street
New York, NY 10004
Phone: 878.370.0008
www.nettaarchitects.com
CERTIFICATE OF AUTHORIZATION AC-438



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL GROUND FLOOR DEMOLITION POWER PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022

Scale AS SHOWN

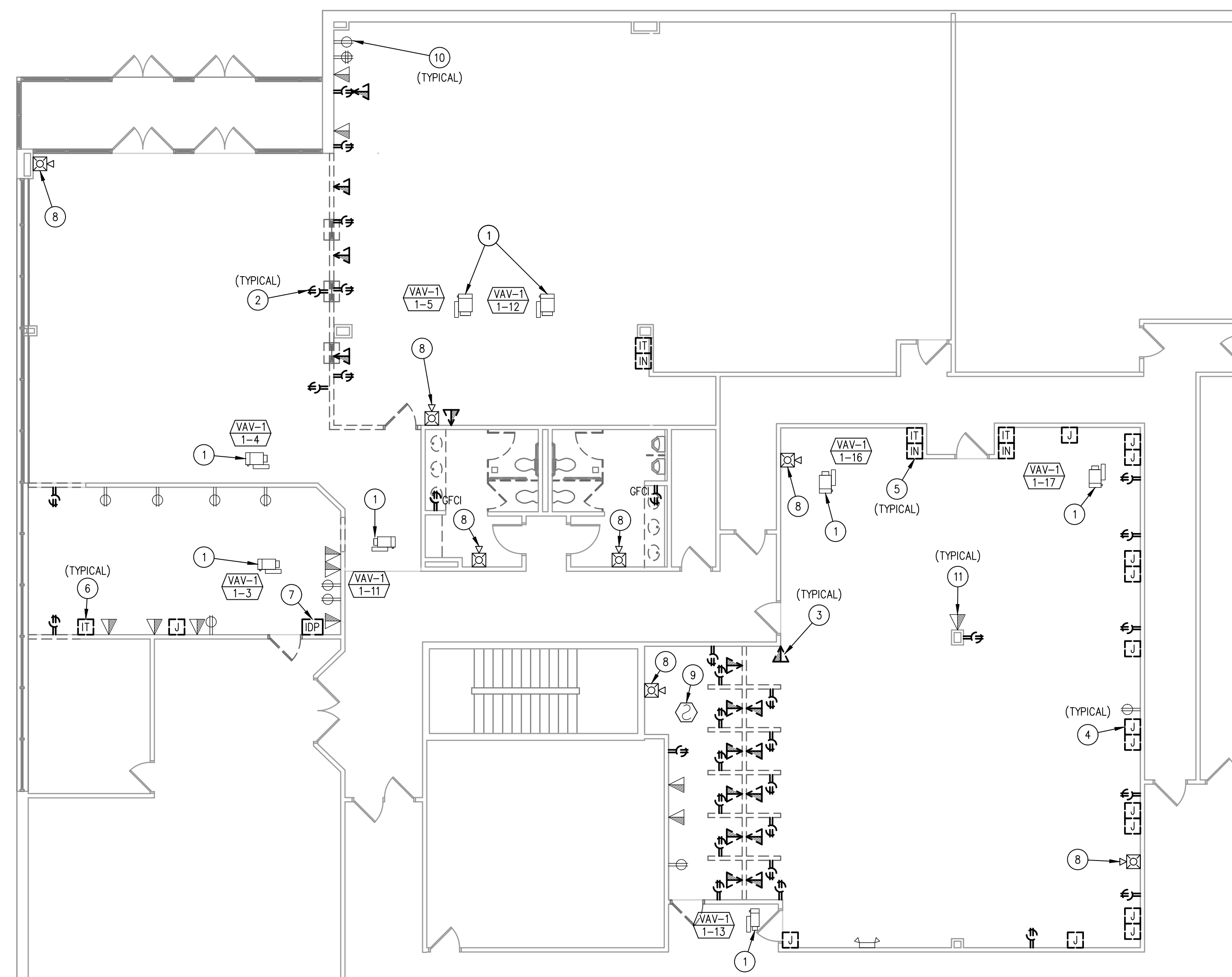
Drawn by DP

Checked by JNB

Job No. 2191488

Drawing No.

E-101



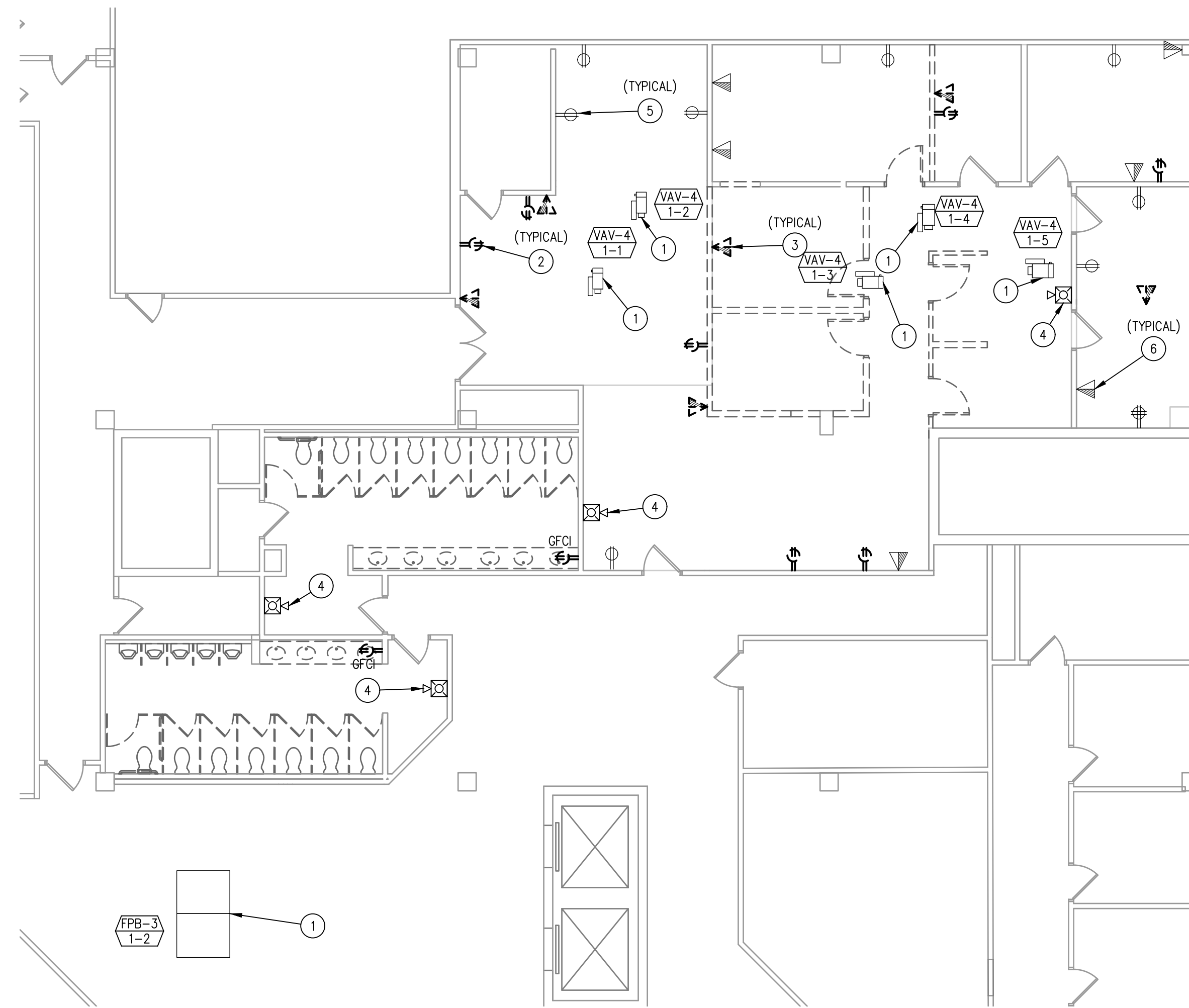
1 ELECTRICAL FIRST FLOOR SOCIAL SERVICES DEMOLITION POWER PLAN
1/8" = 1'-0"

GENERAL DEMOLITION PLAN NOTES:

- FOR ALL ITEMS DESIGNATED TO BE REMOVED, REMOVE THE BRANCH CIRCUIT, ASSOCIATED OBSOLETE WIRING, ANY SUPPORTS, CONTROLS, ETC FOR OBSOLETE ITEMS, UNLESS NOTED OTHERWISE.
- PATCH EXISTING GENERAL CONSTRUCTION TO REMAIN TO MATCH THE EXISTING ADJACENT CONSTRUCTION FOR ALL ITEMS DESIGNATED TO BE REMOVED.
- REMOVE ALL ITEMS FROM PREMISES DAILY AND KEEP CONSTRUCTION SITE BROOM SWEEP.
- UTILIZE EXISTING ELECTRICAL POWER FOR CONSTRUCTION POWER. COORDINATE DEMOLITION TO PROVIDE GFCI RECEPTACLE EVERY 400 SQUARE FEET DURING CONSTRUCTION. IF CONSTRUCTION POWER CAN NOT BE COORDINATED WITH DEMOLITION, PROVIDE TEMPORARY POWER FOR CONSTRUCTION ACTIVITIES.
- PROVIDE TEMPORARY LIGHTING THROUGHOUT CONSTRUCTION.
- ENSURE DEMOLITION DOES NOT AFFECT ADJACENT SPACES. THE ADJACENT SPACES WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION.
- TEMPORARILY REMOVE ALL ELECTRICAL ITEMS IN CEILING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK. REINSTALL UPON COMPLETION OF WORK. COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR.
- ALL REMOVED LIGHT FIXTURES NOT UTILIZED SHALL BE TURNED OVER TO OWNER.

SOCIAL SERVICES DEMOLITION KEYED NOTES:

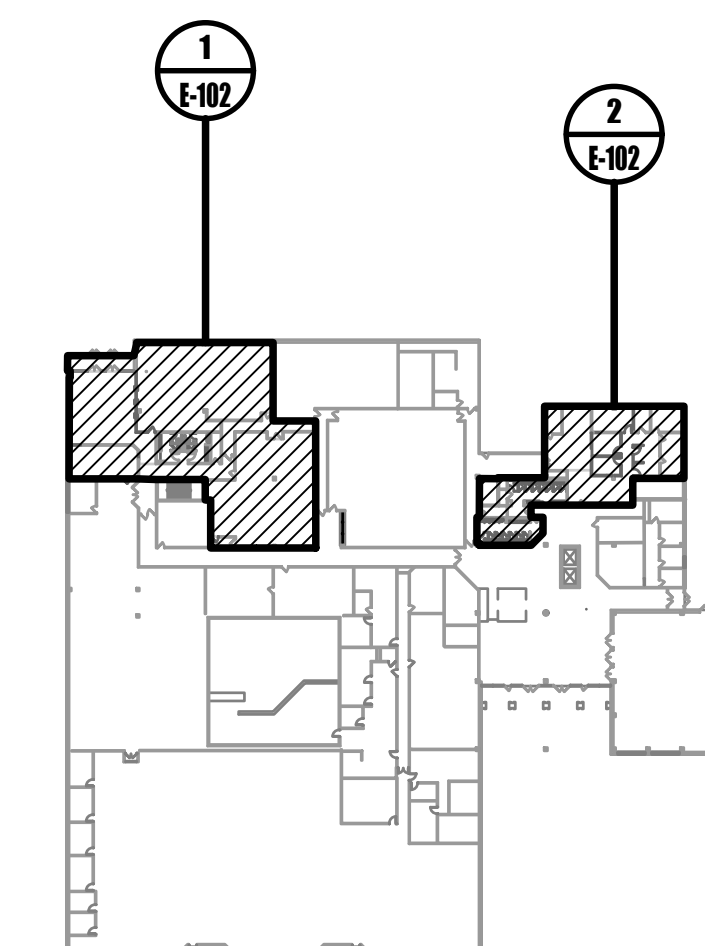
- EXISTING MECHANICAL EQUIPMENT TO REMAIN.
- REMOVE EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.
- REMOVE EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING BACK TO SOURCE.
- REMOVE EXISTING JUNCTION BOX AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.
- REMOVE EXISTING MODULAR POWERED FURNITURE POWER FEED AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.
- REMOVE EXISTING MODULAR POWERED FURNITURE TELECOMMUNICATION FEED AND ASSOCIATED WIRING BACK TO SOURCE.
- EXISTING INTRUSION DETECTION PANEL TO REMAIN. RELOCATE IF NECESSARY. MODIFY AND EXTEND WIRING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- EXISTING FIRE ALARM NOTIFICATION DEVICE TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- EXISTING FIRE ALARM SMOKE DETECTOR TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY TO REMAIN.
- EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING TO REMAIN.



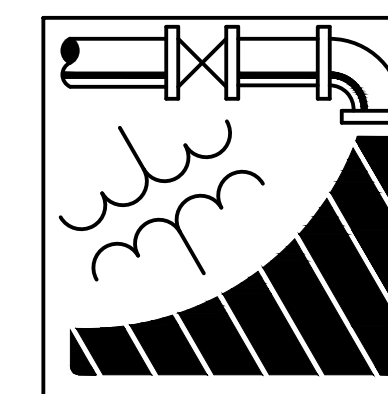
2 ELECTRICAL FIRST FLOOR DISABILITY DEMOLITION POWER PLAN
1/8" = 1'-0"

DISABILITY DEMOLITION KEYED NOTES:

- EXISTING MECHANICAL EQUIPMENT TO REMAIN.
- REMOVE EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.
- REMOVE EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING BACK TO SOURCE.
- EXISTING FIRE ALARM NOTIFICATION DEVICE TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY TO REMAIN.
- EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING TO REMAIN.

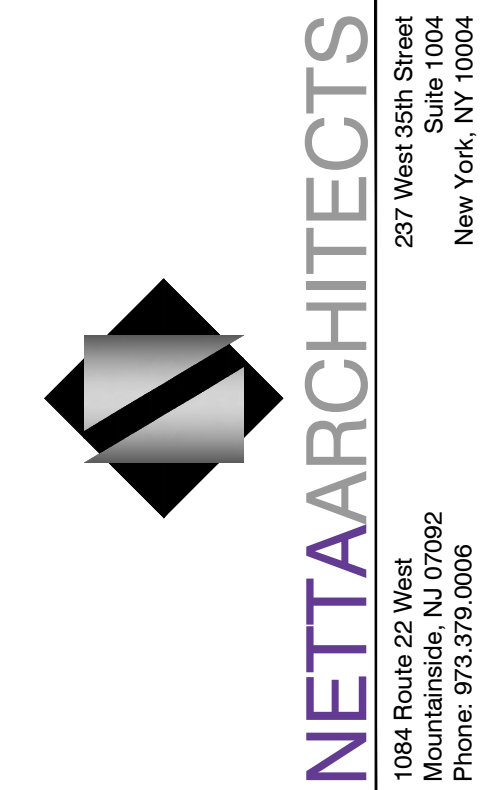
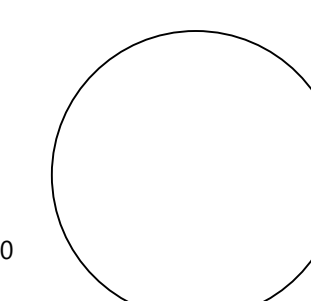


0 KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL FIRST FLOOR DEMOLITION POWER PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

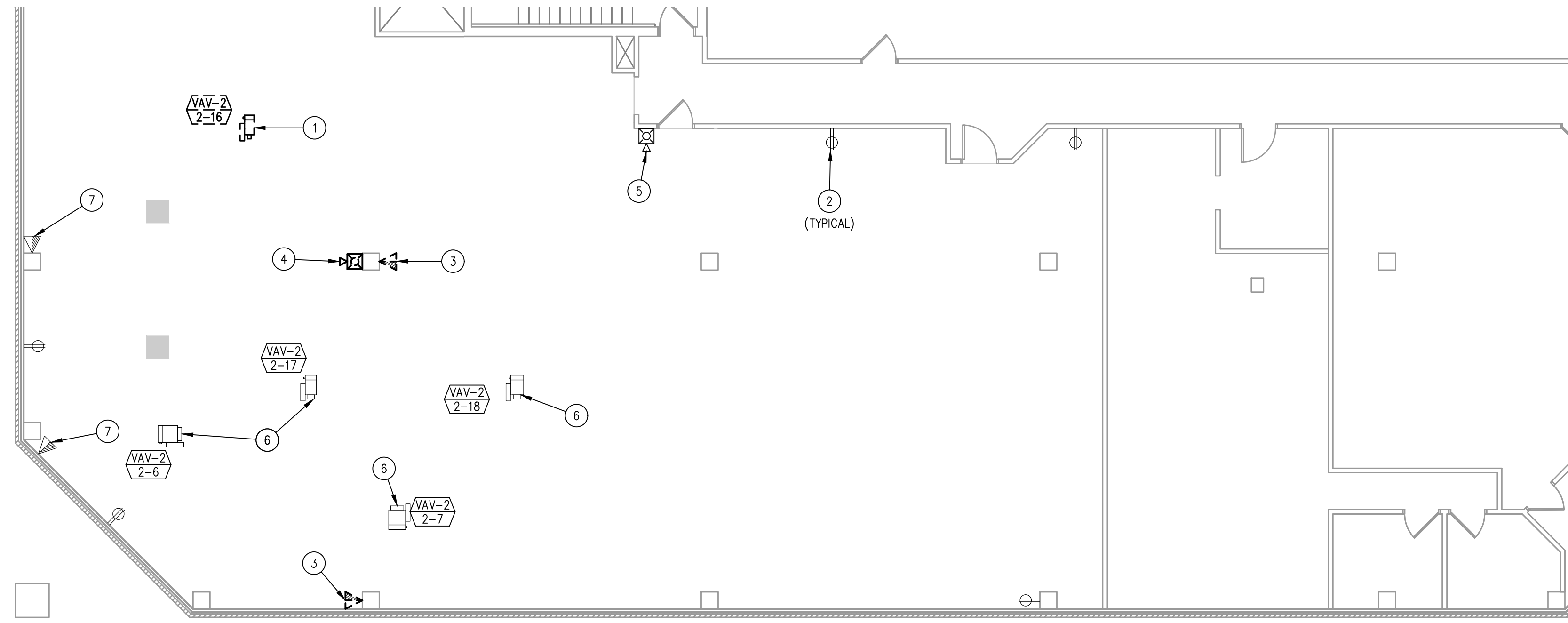
SUBMISSION:

08.22.2023 BID SUBMISSION

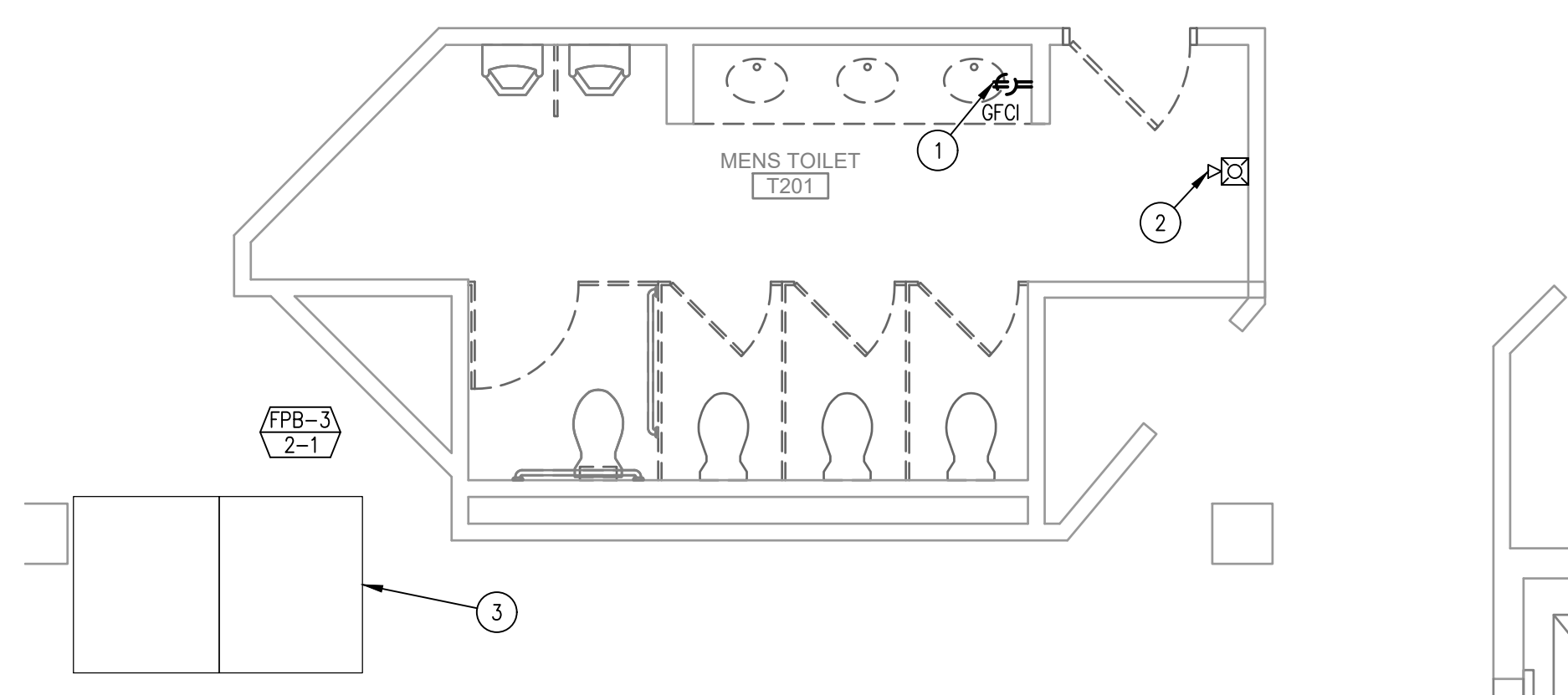
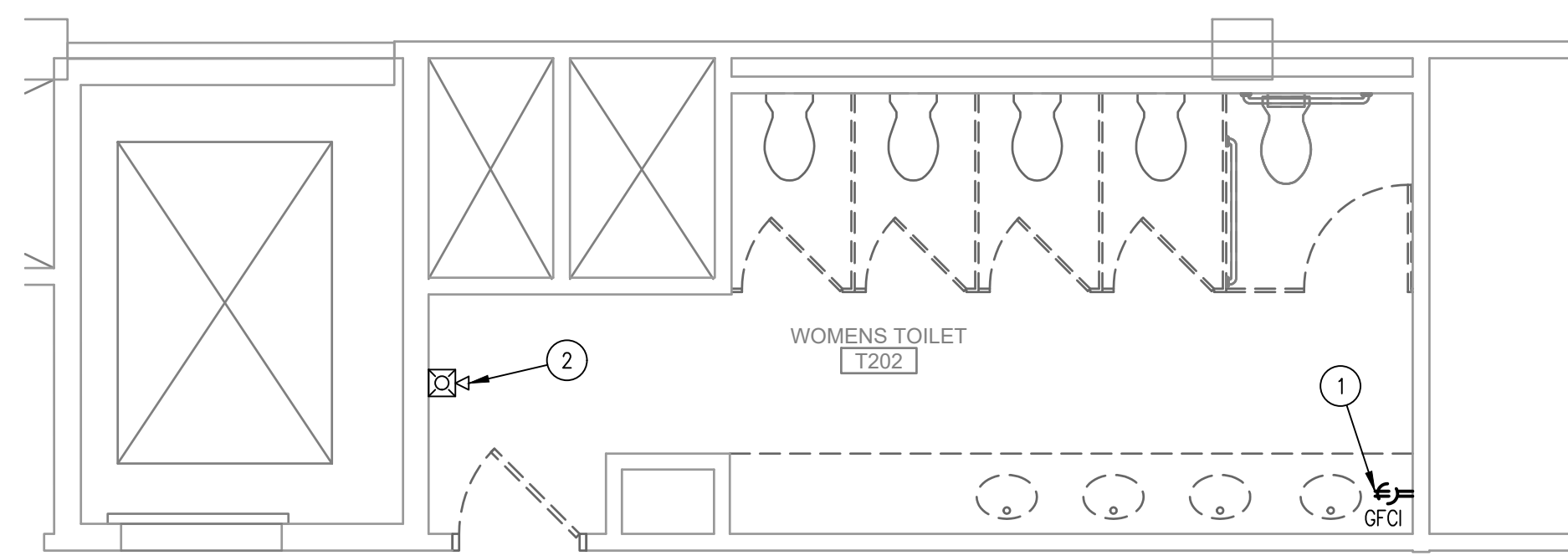
DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	DP
Checked by	JNB
Job No.	2191488
Drawing No.	

E-102



1 ELECTRICAL SECOND FLOOR WORKFORCE DEMOLITION POWER PLAN
 1/8" = 1'-0"



2 ELECTRICAL SECOND FLOOR RESTROOM DEMOLITION POWER PLAN
 1/4" = 1'-0"

RESTROOM DEMOLITION KEYED NOTES:

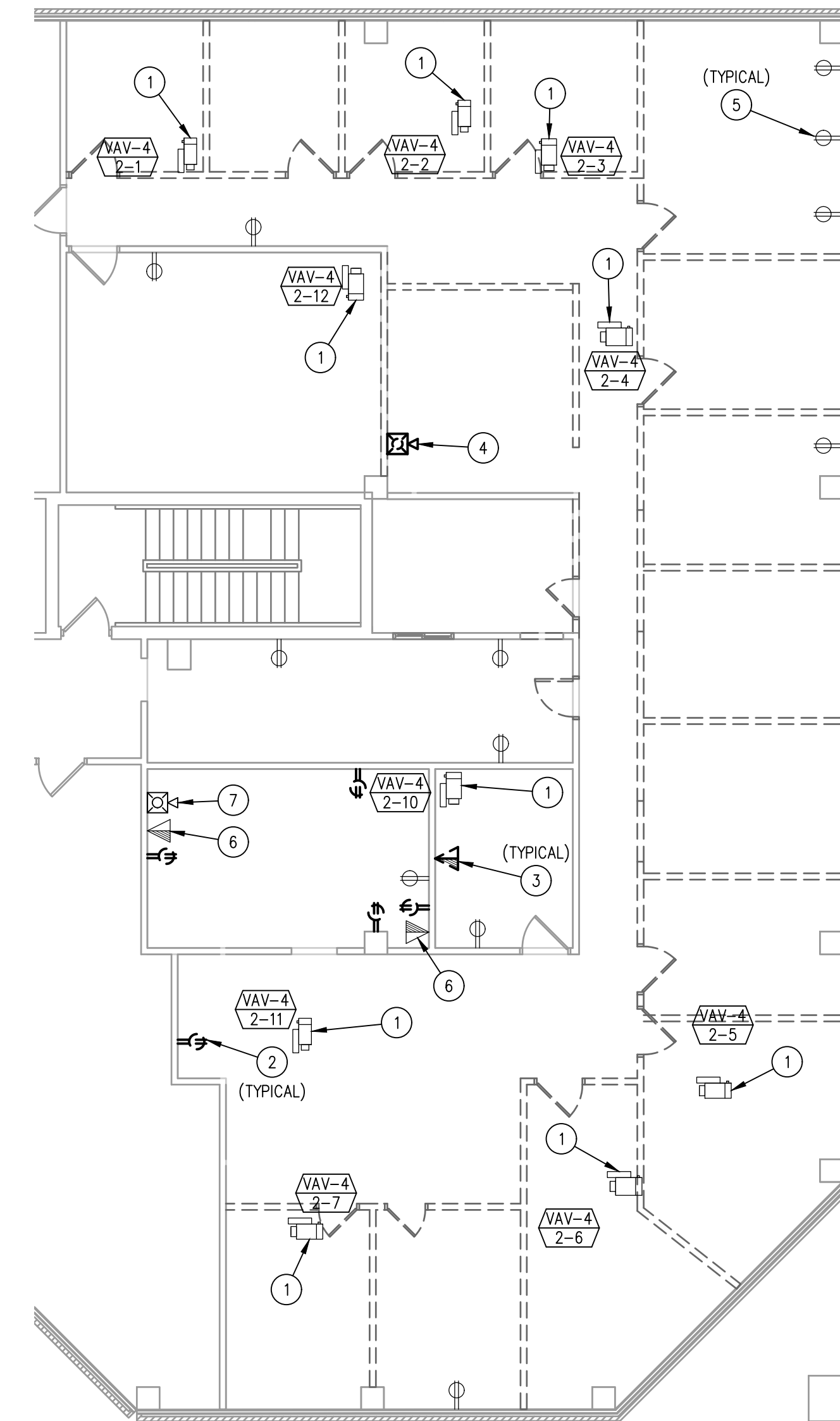
- 1 REMOVE EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.
- 2 EXISTING FIRE ALARM NOTIFICATION DEVICE TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- 3 EXISTING MECHANICAL EQUIPMENT TO REMAIN.

WORKFORCE DEMOLITION KEYED NOTES:

- 1 REMOVE EXISTING ELECTRICAL EQUIPMENT ASSOCIATED WITH MECHANICAL EQUIPMENT TO BE REMOVED. COORDINATE REMOVAL OF EQUIPMENT WITH MECHANICAL CONTRACTOR.
- 2 EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY TO REMAIN.
- 3 REMOVE EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING BACK TO SOURCE.
- 4 REMOVE EXISTING FIRE ALARM NOTIFICATION DEVICE AND ASSOCIATED WIRING BACK TO SOURCE.
- 5 EXISTING FIRE ALARM NOTIFICATION DEVICE TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- 6 EXISTING MECHANICAL EQUIPMENT TO REMAIN.
- 7 EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING TO REMAIN.

GENERAL DEMOLITION PLAN NOTES:

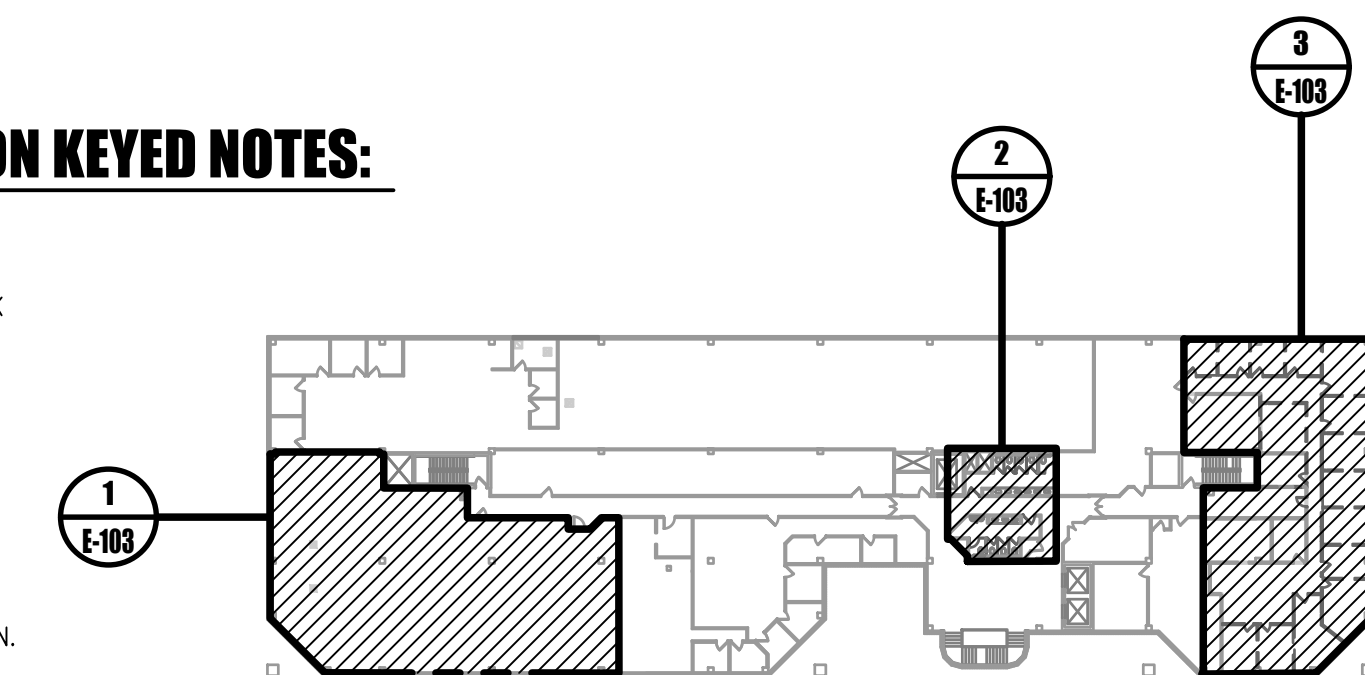
1. FOR ALL ITEMS DESIGNATED TO BE REMOVED, REMOVE THE BRANCH CIRCUIT, ASSOCIATED OBSOLETE WIRING, ANY SUPPORTS, CONTROLS, ETC FOR OBSOLETE ITEMS, UNLESS NOTED OTHERWISE.
2. PATCH EXISTING GENERAL CONSTRUCTION TO REMAIN TO MATCH THE EXISTING ADJACENT CONSTRUCTION FOR ALL ITEMS DESIGNATED TO BE REMOVED.
3. REMOVE ALL ITEMS FROM PREMISES DAILY AND KEEP CONSTRUCTION SITE BROOM SWEEP.
4. UTILIZE EXISTING ELECTRICAL POWER FOR CONSTRUCTION POWER. COORDINATE DEMOLITION TO PROVIDE GFCI RECEPTACLE EVERY 400 SQUARE FEET DURING CONSTRUCTION. IF CONSTRUCTION POWER CAN NOT BE COORDINATED WITH DEMOLITION, PROVIDE TEMPORARY POWER FOR CONSTRUCTION ACTIVITIES.
5. PROVIDE TEMPORARY LIGHTING THROUGHOUT CONSTRUCTION.
6. ENSURE DEMOLITION DOES NOT AFFECT ADJACENT SPACES. THE ADJACENT SPACES WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION.
7. TEMPORARILY REMOVE ALL ELECTRICAL ITEMS IN CEILING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK. REINSTALL UPON COMPLETION OF WORK. COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR.
8. ALL REMOVED LIGHT FIXTURES NOT UTILIZED SHALL BE TURNED OVER TO OWNER.



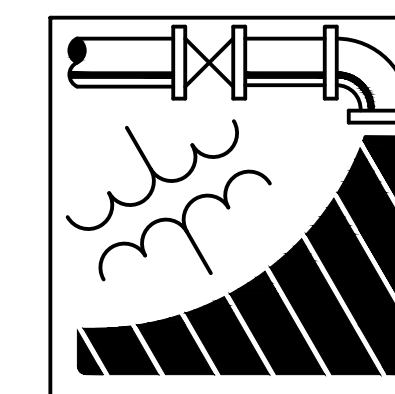
3 ELECTRICAL SECOND FLOOR COMMUNITY DEVELOPMENT DEMOLITION POWER PLAN
 1/8" = 1'-0"

COMMUNITY DEVELOPMENT DEMOLITION KEYED NOTES:

- 1 EXISTING MECHANICAL EQUIPMENT TO REMAIN.
- 2 REMOVE EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.
- 3 REMOVE EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING BACK TO SOURCE.
- 4 REMOVE EXISTING FIRE ALARM NOTIFICATION DEVICE AND ASSOCIATED WIRING SOURCE BACK TO SOURCE.
- 5 EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY TO REMAIN.
- 6 EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING TO REMAIN.
- 7 EXISTING FIRE ALARM NOTIFICATION DEVICE TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.



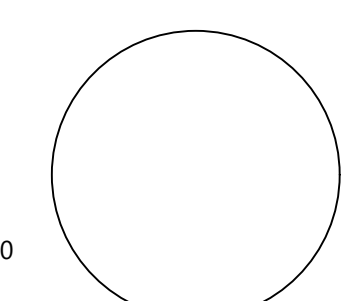
0 KEYPLAN
 NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC

555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800



NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541
 FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118
 MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160
 LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL SECOND FLOOR DEMOLITION POWER PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022

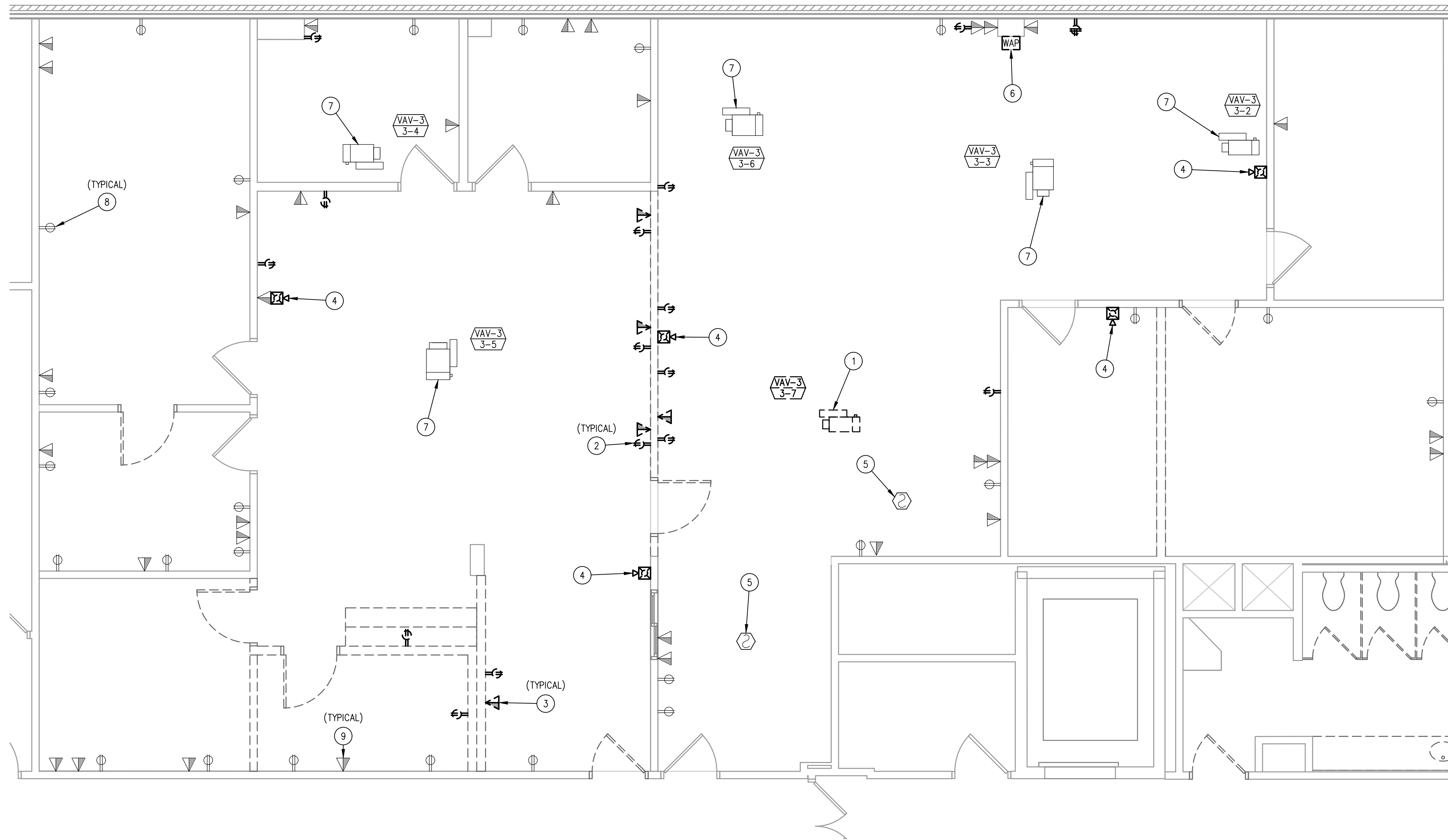
Scale AS SHOWN

Drawn by DP

Checked by JNB

Job No. 2191488

Drawing No.



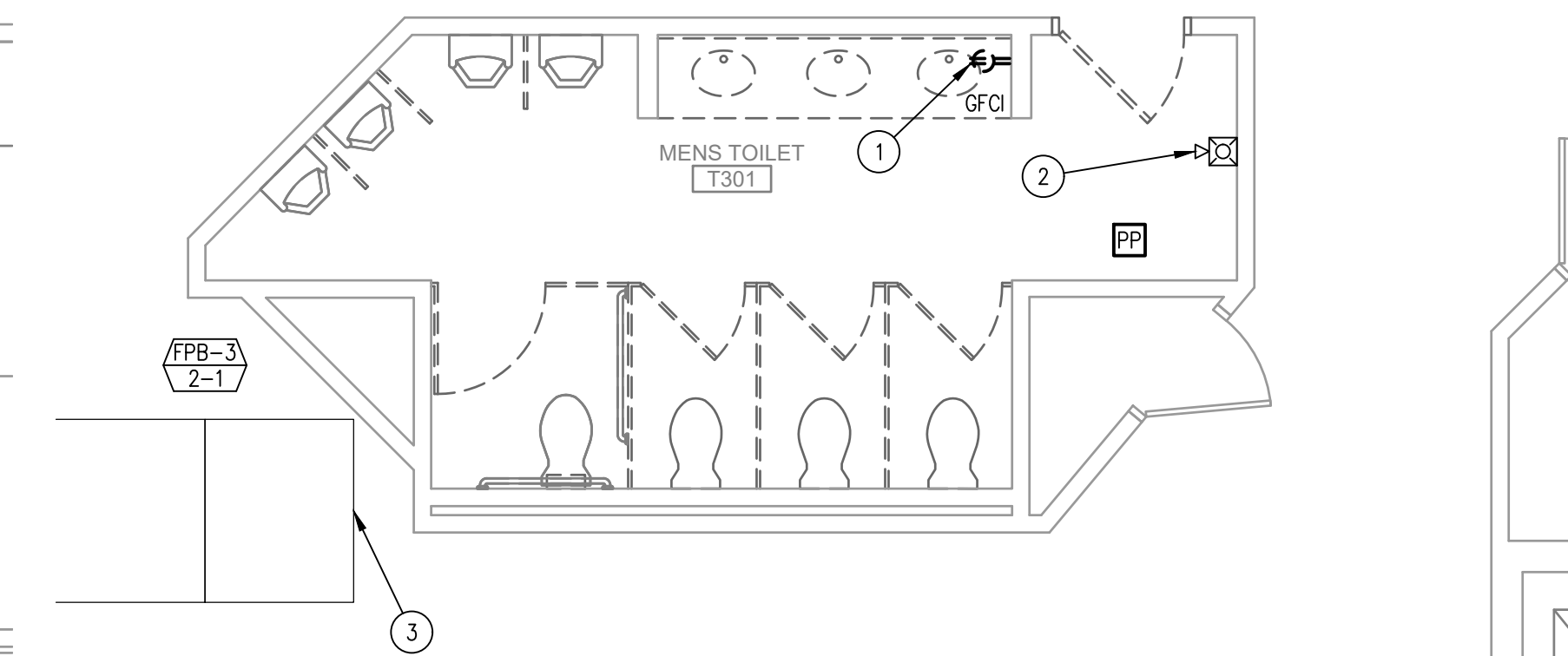
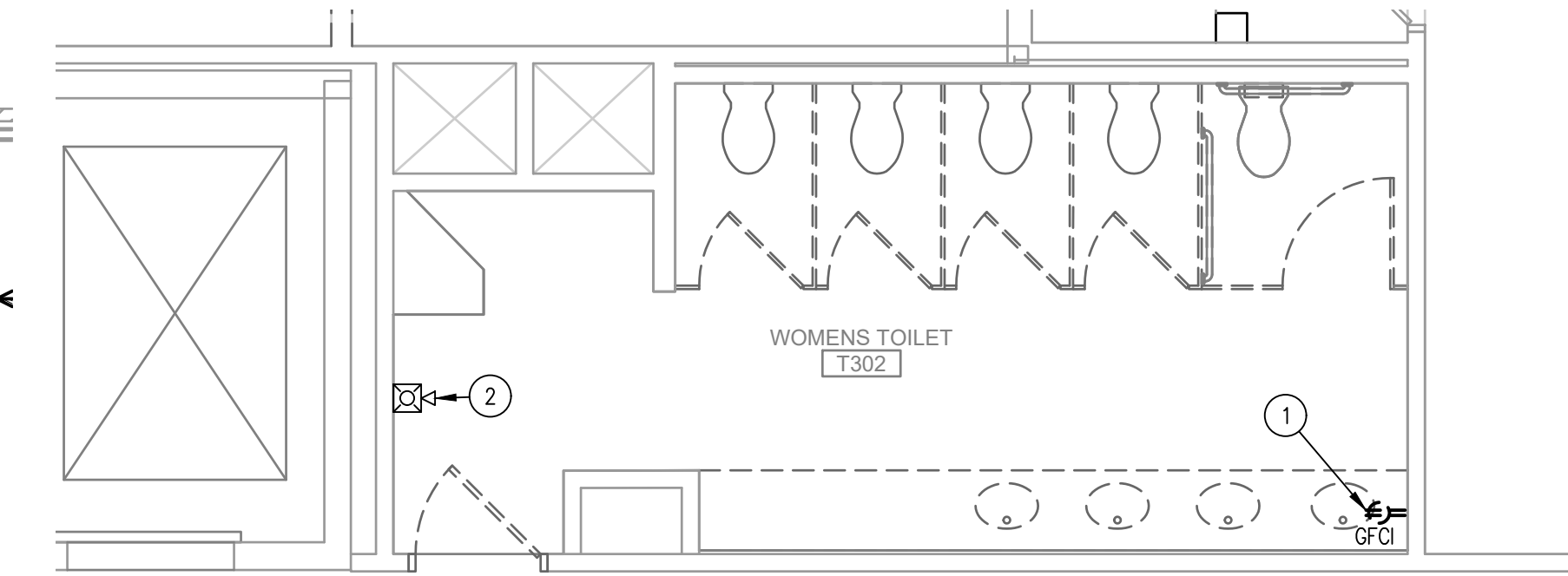
1 ELECTRICAL THIRD FLOOR PROSECUTOR'S DEMOLITION POWER PLAN
1/4" = 1'-0"

GENERAL DEMOLITION PLAN NOTES:

- FOR ALL ITEMS DESIGNATED TO BE REMOVED, REMOVE THE BRANCH CIRCUIT, ASSOCIATED OBSOLETE WIRING, ANY SUPPORTS, CONTROLS, ETC FOR OBSOLETE ITEMS, UNLESS NOTED OTHERWISE.
- PATCH EXISTING GENERAL CONSTRUCTION TO REMAIN TO MATCH THE EXISTING ADJACENT CONSTRUCTION FOR ALL ITEMS DESIGNATED TO BE REMOVED.
- REMOVE ALL ITEMS FROM PREMISES DAILY AND KEEP CONSTRUCTION SITE BROOM SWEEP.
- UTILIZE EXISTING ELECTRICAL POWER FOR CONSTRUCTION POWER. COORDINATE DEMOLITION TO PROVIDE GFCI RECEPTACLE EVERY 400 SQUARE FEET DURING CONSTRUCTION. IF CONSTRUCTION POWER CAN NOT BE COORDINATED WITH DEMOLITION, PROVIDE TEMPORARY POWER FOR CONSTRUCTION ACTIVITIES.
- PROVIDE TEMPORARY LIGHTING THROUGHOUT CONSTRUCTION.
- ENSURE DEMOLITION DOES NOT AFFECT ADJACENT SPACES. THE ADJACENT SPACES WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION.
- TEMPORARILY REMOVE ALL ELECTRICAL ITEMS IN CEILING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK. REINSTALL UPON COMPLETION OF WORK. COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR.
- ALL REMOVED LIGHT FIXTURES NOT UTILIZED SHALL BE TURNED OVER TO OWNER.

PROSECUTOR'S DEMOLITION KEYED NOTES:

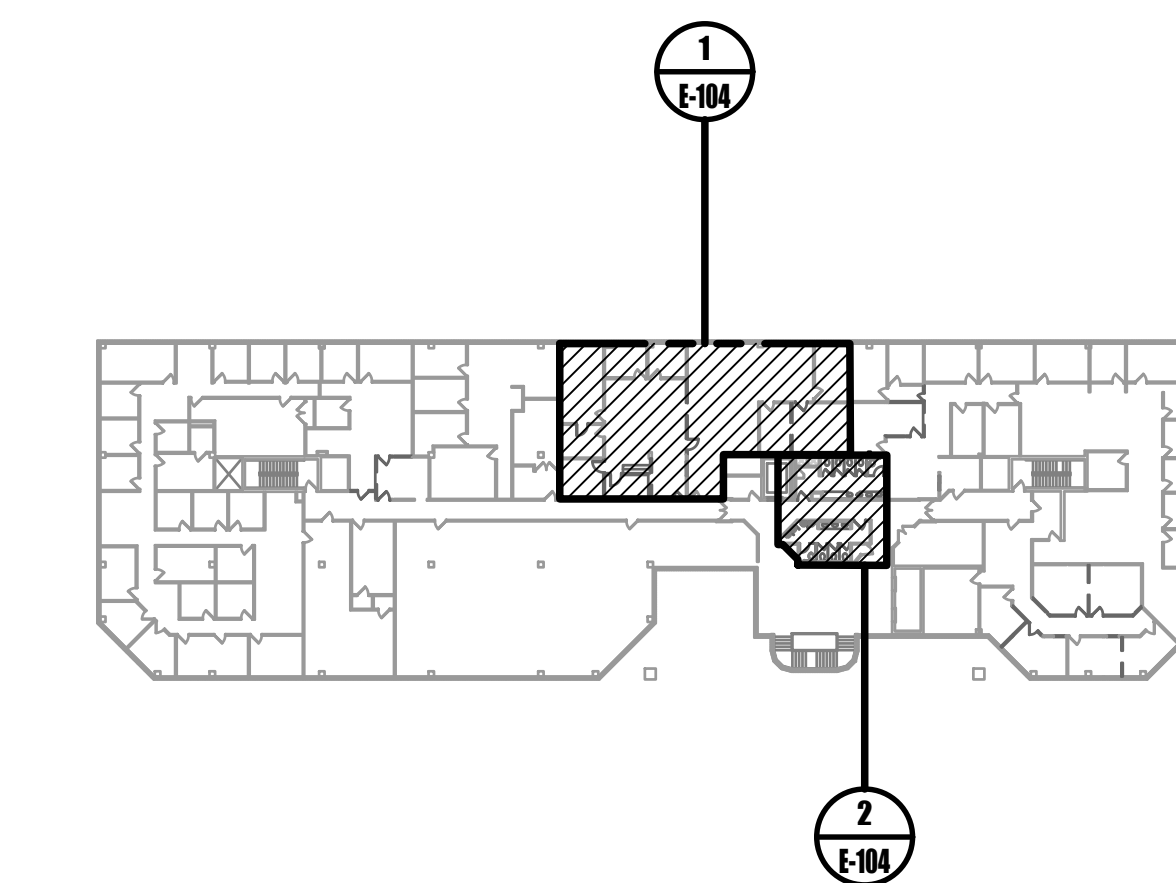
- REMOVE EXISTING ELECTRICAL EQUIPMENT ASSOCIATED WITH MECHANICAL EQUIPMENT TO BE REMOVED. COORDINATE REMOVAL OF EQUIPMENT WITH MECHANICAL CONTRACTOR.
- REMOVE EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.
- REMOVE EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING BACK TO SOURCE.
- REMOVE EXISTING FIRE ALARM NOTIFICATION DEVICE AND ASSOCIATED WIRING BACK TO SOURCE.
- EXISTING FIRE ALARM SMOKE DETECTOR TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- EXISTING WIRELESS ACCESS POINT TO REMAIN. RELOCATE AS NECESSARY. MODIFY AND EXTEND WIRING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- EXISTING MECHANICAL EQUIPMENT TO REMAIN.
- EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY TO REMAIN.
- EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING TO REMAIN.



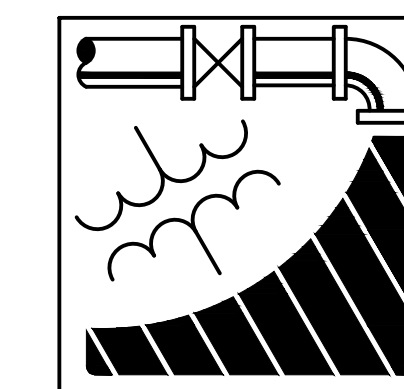
2 ELECTRICAL THIRD FLOOR RESTROOM DEMOLITION POWER PLAN
1/4" = 1'-0"

RESTROOM DEMOLITION KEYED NOTES:

- REMOVE EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.
- EXISTING FIRE ALARM NOTIFICATION DEVICE TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- EXISTING MECHANICAL EQUIPMENT TO REMAIN.



0 KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

237 West 46th Street
New York, NY 10004
Phone: 212.777.2090

1048 Route 22 West
Wayne, NJ 07474
Phone: 973.370.0006
www.nettaarchitects.com
CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL THIRD FLOOR DEMOLITION POWER PLAN

PROJECT TITLE:

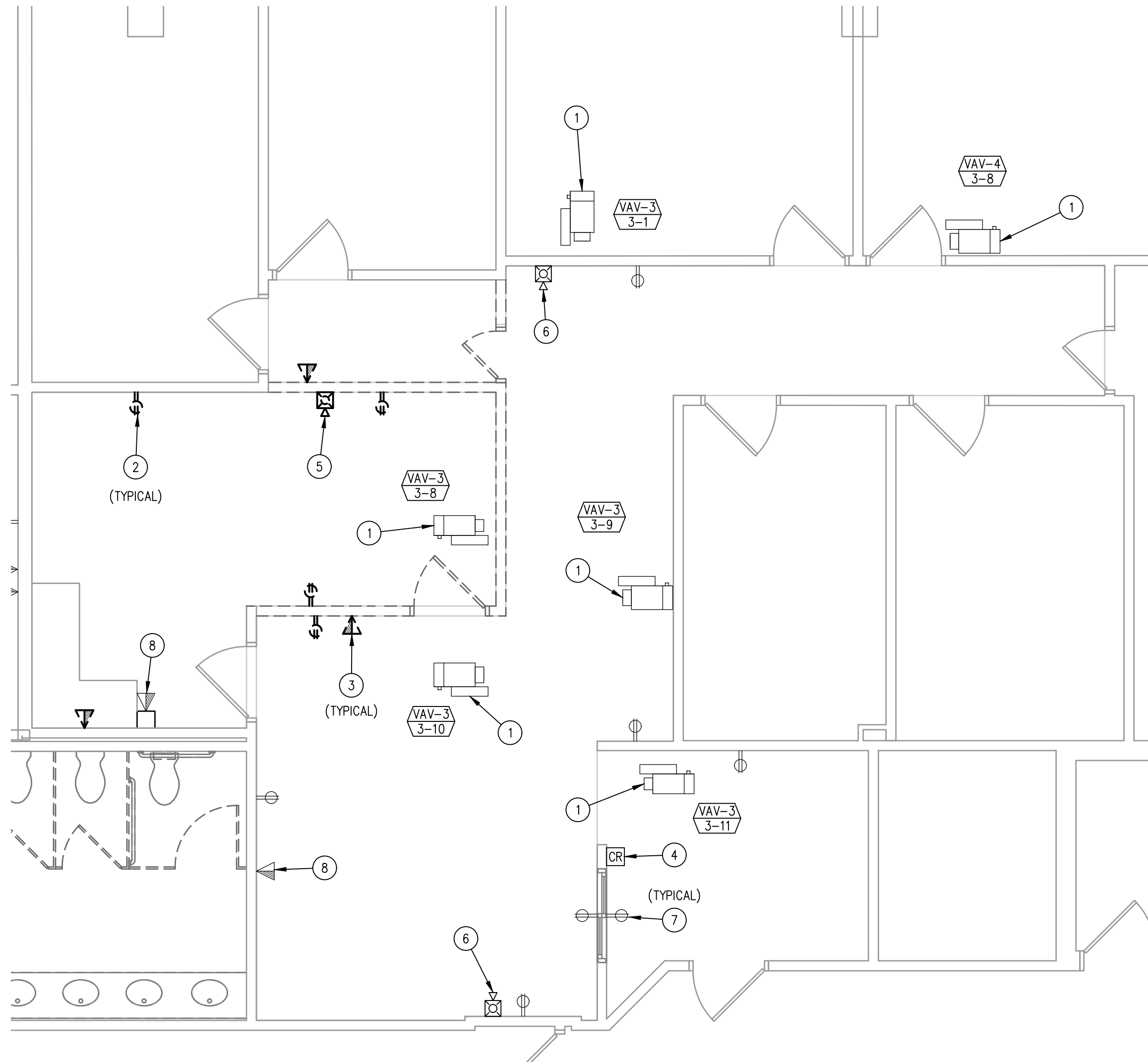
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:
08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	DP
Checked by	JNB
Job No.	2191488
Drawing No.	E-104

E-104



1 ELECTRICAL THIRD FLOOR VETERAN'S DEMOLITION POWER PLAN
 1/4" = 1'-0"

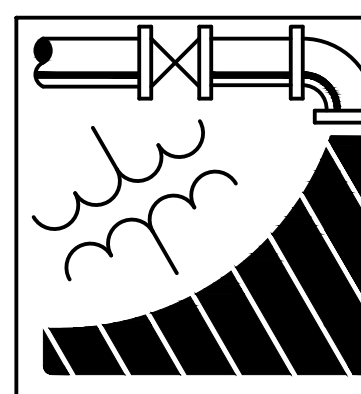
GENERAL DEMOLITION PLAN NOTES:

- FOR ALL ITEMS DESIGNATED TO BE REMOVED, REMOVE THE BRANCH CIRCUIT, ASSOCIATED OBSOLETE WIRING, ANY SUPPORTS, CONTROLS, ETC FOR OBSOLETE ITEMS, UNLESS NOTED OTHERWISE.
- PATCH EXISTING GENERAL CONSTRUCTION TO REMAIN TO MATCH THE EXISTING ADJACENT CONSTRUCTION FOR ALL ITEMS DESIGNATED TO BE REMOVED.
- REMOVE ALL ITEMS FROM PREMISES DAILY AND KEEP CONSTRUCTION SITE BROOM SWEEP.
- UTILIZE EXISTING ELECTRICAL POWER FOR CONSTRUCTION POWER. COORDINATE DEMOLITION TO PROVIDE GFCI RECEPTACLE EVERY 400 SQUARE FEED DURING CONSTRUCTION. IF CONSTRUCTION POWER CAN NOT BE COORDINATED WITH DEMOLITION, PROVIDE TEMPORARY POWER FOR CONSTRUCTION ACTIVITIES.
- PROVIDE TEMPORARY LIGHTING THROUGHOUT CONSTRUCTION.
- ENSURE DEMOLITION DOES NOT AFFECT ADJACENT SPACES. THE ADJACENT SPACES WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION.
- TEMPORARILY REMOVE ALL ELECTRICAL ITEMS IN CEILING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK. REINSTALL UPON COMPLETION OF WORK. COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR.
- ALL REMOVED LIGHT FIXTURES NOT UTILIZED SHALL BE TURNED OVER TO OWNER.

VETERAN'S DEMOLITION KEYED NOTES:

- EXISTING MECHANICAL EQUIPMENT TO REMAIN.
- REMOVE EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.
- REMOVE EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING BACK TO SOURCE.
- EXISTING ACCESS CONTROL CARD READER AND ASSOCIATED WIRING TO REMAIN.
- REMOVE EXISTING FIRE ALARM NOTIFICATION DEVICE AND ASSOCIATED WIRING BACK TO SOURCE.
- EXISTING FIRE ALARM NOTIFICATION DEVICE TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY TO REMAIN.
- EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING TO REMAIN.

0 KEYPLAN
 NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800

NETTA ARCHITECTS
 237 West 68th Street
 New York, NY 10024
 Phone: 878.370.0008
 www.nettaarchitects.com
 CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541
 FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118
 MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160
 LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:
ELECTRICAL THIRD FLOOR DEMOLITION POWER PLAN

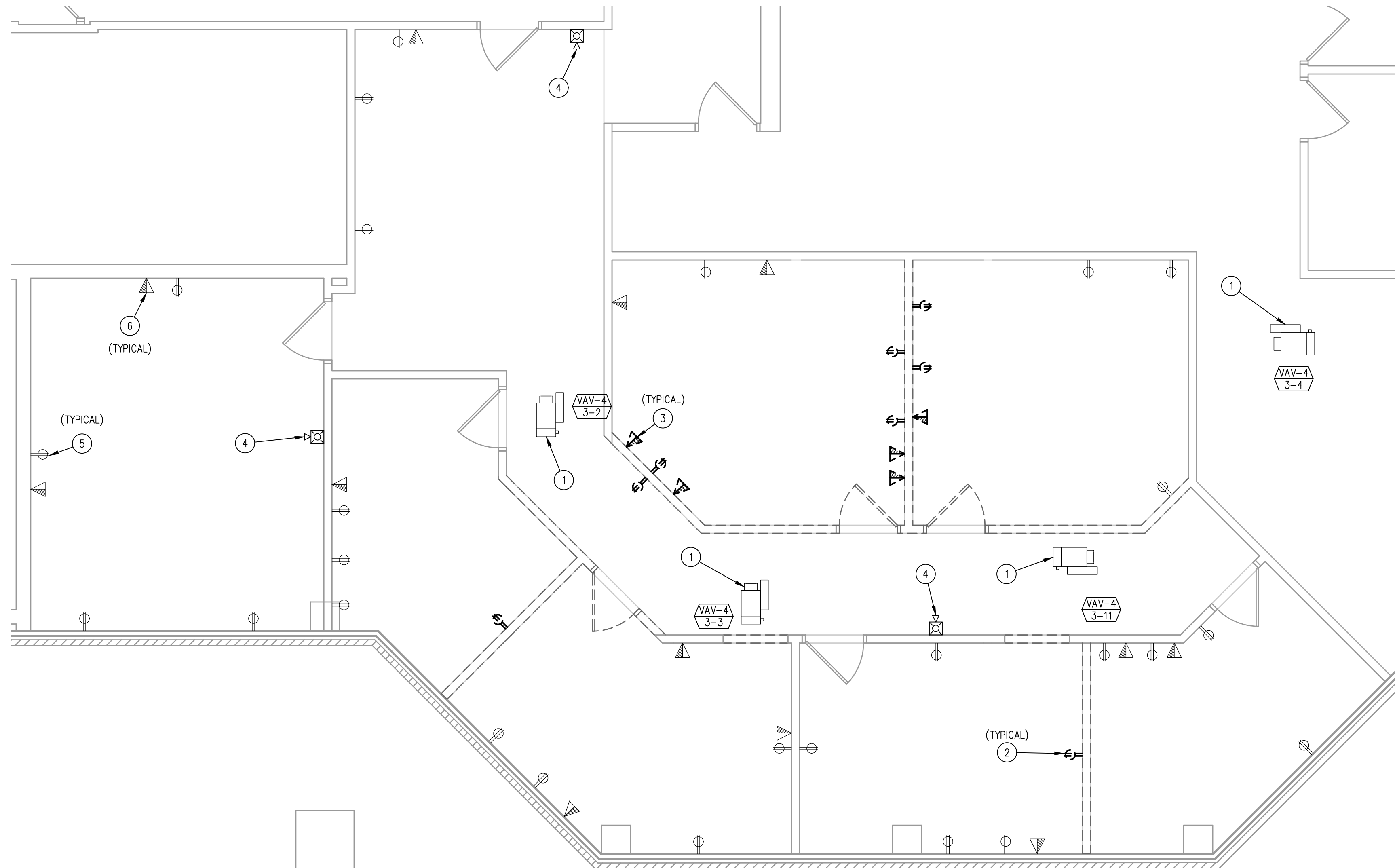
PROJECT TITLE:
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:
 08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	DP
Checked by	JNB
Job No.	2191488
Drawing No.	

E-105



1 ELECTRICAL THIRD FLOOR OAKS INTEGRATED CARE DEMOLITION POWER PLAN

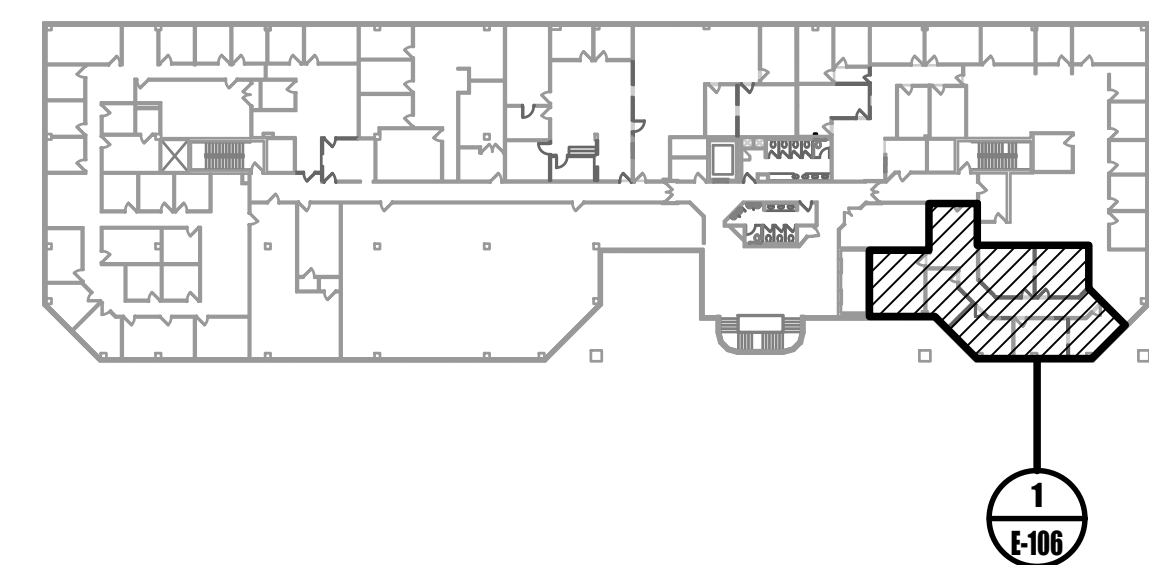
1/4" = 1'-0"

GENERAL DEMOLITION PLAN NOTES:

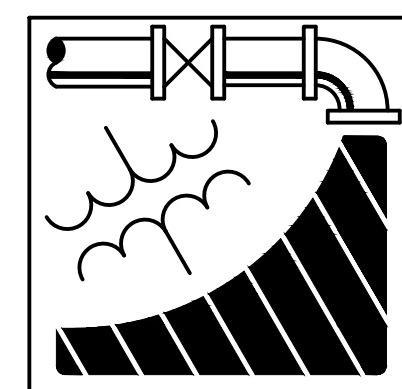
1. FOR ALL ITEMS DESIGNATED TO BE REMOVED, REMOVE THE BRANCH CIRCUIT, ASSOCIATED OBSOLETE WIRING, ANY SUPPORTS, CONTROLS, ETC FOR OBSOLETE ITEMS, UNLESS NOTED OTHERWISE.
2. PATCH EXISTING GENERAL CONSTRUCTION TO REMAIN TO MATCH THE EXISTING ADJACENT CONSTRUCTION FOR ALL ITEMS DESIGNATED TO BE REMOVED.
3. REMOVE ALL ITEMS FROM PREMISES DAILY AND KEEP CONSTRUCTION SITE BROOM SWEEP.
4. UTILIZE EXISTING ELECTRICAL POWER FOR CONSTRUCTION POWER. COORDINATE DEMOLITION TO PROVIDE GFCI RECEPTACLE EVERY 400 SQUARE FEET DURING CONSTRUCTION. IF CONSTRUCTION POWER CAN NOT BE COORDINATED WITH DEMOLITION, PROVIDE TEMPORARY POWER FOR CONSTRUCTION ACTIVITIES.
5. PROVIDE TEMPORARY LIGHTING THROUGHOUT CONSTRUCTION.
6. ENSURE DEMOLITION DOES NOT AFFECT ADJACENT SPACES. THE ADJACENT SPACES WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION.
7. TEMPORARILY REMOVE ALL ELECTRICAL ITEMS IN CEILING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK. REINSTALL UPON COMPLETION OF WORK. COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR.
8. ALL REMOVED LIGHT FIXTURES NOT UTILIZED SHALL BE TURNED OVER TO OWNER.

OAKS INTEGRATED CARE DEMOLITION KEYED NOTES:

1. EXISTING MECHANICAL EQUIPMENT TO REMAIN.
2. REMOVE EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.
3. REMOVE EXISTING TELECOMMUNICATION OUTLET AND ASSOCIATED WIRING BACK TO SOURCE.
4. EXISTING FIRE ALARM NOTIFICATION DEVICE TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
5. EXISTING RECEPTACLE AND ASSOCIATED BRANCH CIRCUITRY TO REMAIN.
6. EXISTING TELECOMMUNICATION OUTLET AND WIRING TO REMAIN.

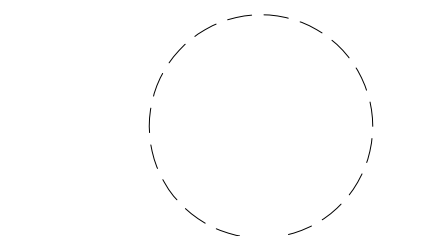


0 KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL THIRD FLOOR DEMOLITION POWER PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

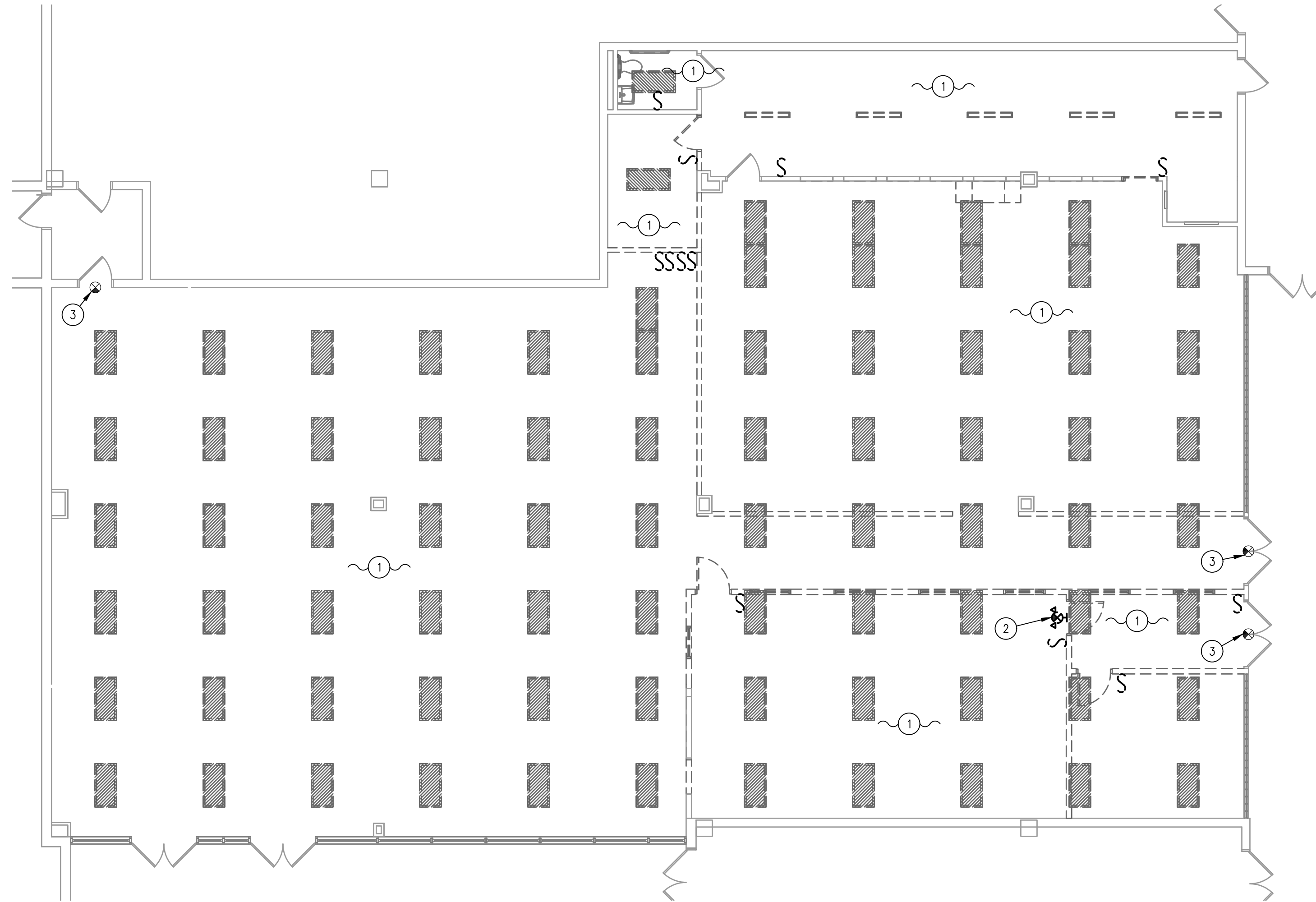
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022
Scale AS SHOWN
Drawn by DP
Checked by JNB
Job No. 2191488
Drawing No.

E-106



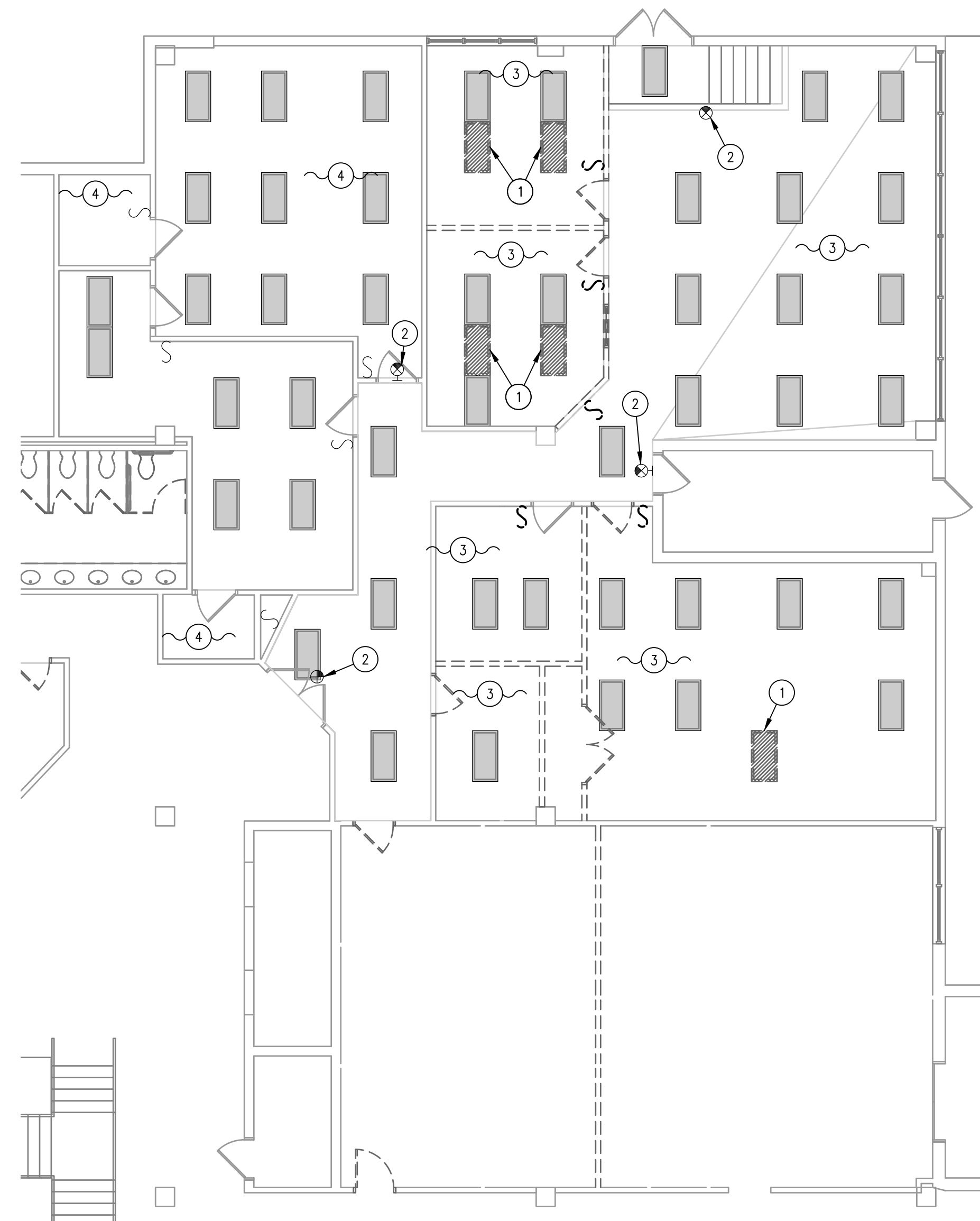
1 ELECTRICAL GROUND FLOOR CAFETERIA DEMOLITION LIGHTING PLAN
 $1/8" = 1'-0"$

GENERAL DEMOLITION PLAN NOTES:

1. FOR ALL ITEMS DESIGNATED TO BE REMOVED, REMOVE THE BRANCH CIRCUIT, ASSOCIATED OBSOLETE WIRING, ANY SUPPORTS, CONTROLS, ETC FOR OBSOLETE ITEMS, UNLESS NOTED OTHERWISE.
2. PATCH EXISTING GENERAL CONSTRUCTION TO REMAIN TO MATCH THE EXISTING ADJACENT CONSTRUCTION FOR ALL ITEMS DESIGNATED TO BE REMOVED.
3. REMOVE ALL ITEMS FROM PREMISES DAILY AND KEEP CONSTRUCTION SITE BROOM SWEEP.
4. UTILIZE EXISTING ELECTRICAL POWER FOR CONSTRUCTION POWER. COORDINATE DEMOLITION TO PROVIDE GFI RECEPTACLE EVERY 400 SQUARE FEET DURING CONSTRUCTION. IF CONSTRUCTION POWER CAN NOT BE COORDINATED WITH DEMOLITION, PROVIDE TEMPORARY POWER FOR CONSTRUCTION ACTIVITIES.
5. PROVIDE TEMPORARY LIGHTING THROUGHOUT CONSTRUCTION.
6. ENSURE DEMOLITION DOES NOT AFFECT ADJACENT SPACES. THE ADJACENT SPACES WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION.
7. TEMPORARILY REMOVE ALL ELECTRICAL ITEMS IN CEILING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK. REINSTALL UPON COMPLETION OF WORK. COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR.
8. ALL REMOVED LIGHT FIXTURES NOT UTILIZED SHALL BE TURNED OVER TO OWNER.

CAFETERIA DEMOLITION KEYED NOTES:

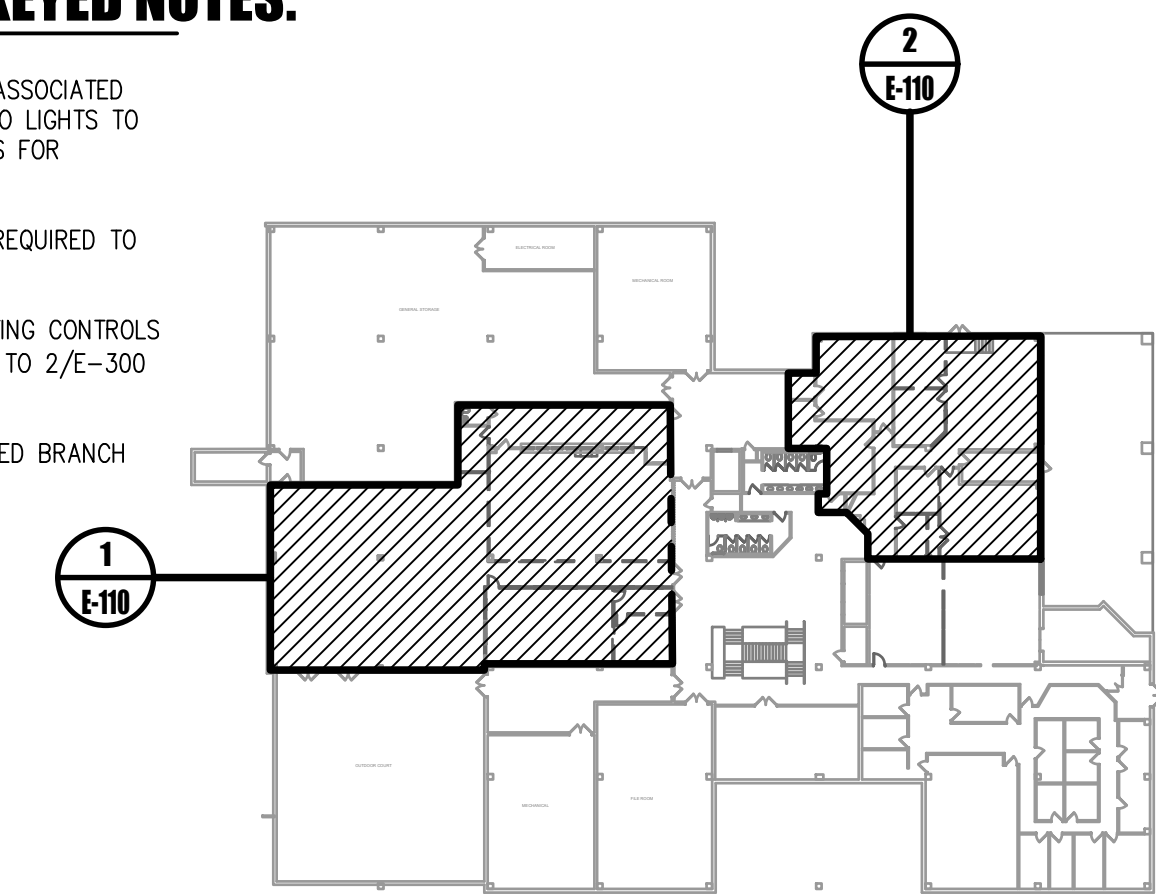
- 1 REMOVE EXISTING LIGHT FIXTURE, LIGHTING CONTROLS AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE. HAND OVER ALL DEMO LIGHTS TO OWNER FOR USE OF RELOCATION. REFER TO LIGHTING PLANS FOR RELOCATED LIGHTS.
- 2 REMOVE EXISTING EXIT SIGN AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.
- 3 EXISTING EXIT SIGN TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.



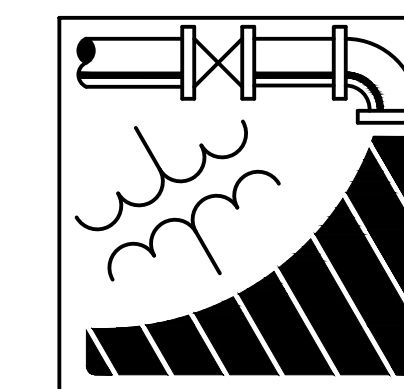
3 ELECTRICAL GROUND FLOOR SUPERINTENDENT DEMOLITION LIGHTING PLAN
 $1/8" = 1'-0"$

SUPERINTENDENT DEMOLITION KEYED NOTES:

- 1 REMOVE EXISTING LIGHT FIXTURE, LIGHTING CONTROLS AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE. HAND OVER ALL DEMO LIGHTS TO OWNER FOR USE OF RELOCATION. REFER TO LIGHTING PLANS FOR RELOCATED LIGHTS.
- 2 EXISTING EXIT SIGN TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- 3 EXISTING LIGHT FIXTURE TO REMAIN. REMOVE EXISTING LIGHTING CONTROLS AND EXISTING BRANCH CIRCUITRY BACK TO SOURCE. REFER TO 2/E-300 FOR MORE INFORMATION.
- 4 EXISTING LIGHT FIXTURE, LIGHTING CONTROLS AND ASSOCIATED BRANCH CIRCUITRY TO REMAIN.

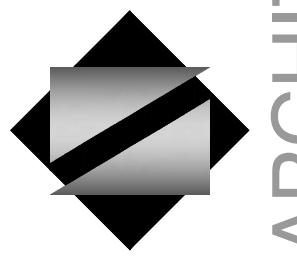


0 KEYPLAN
 NOT TO SCALE

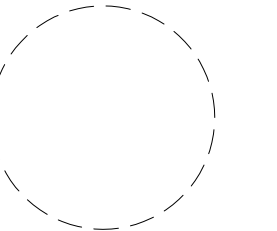


ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800



NETTAARCHITECTS
 104 Route 22 West
 New York, NY 10004
 Phone: 878.370.0006
 www.nettaarchitects.com
 CERTIFICATE OF AUTHORIZATION AC-438
 237 West 86th Street
 New York, NY 10024
 Phone: 212.777.2090



NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541
 FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118
 MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160
 LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL GROUND FLOOR DEMOLITION LIGHTING PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

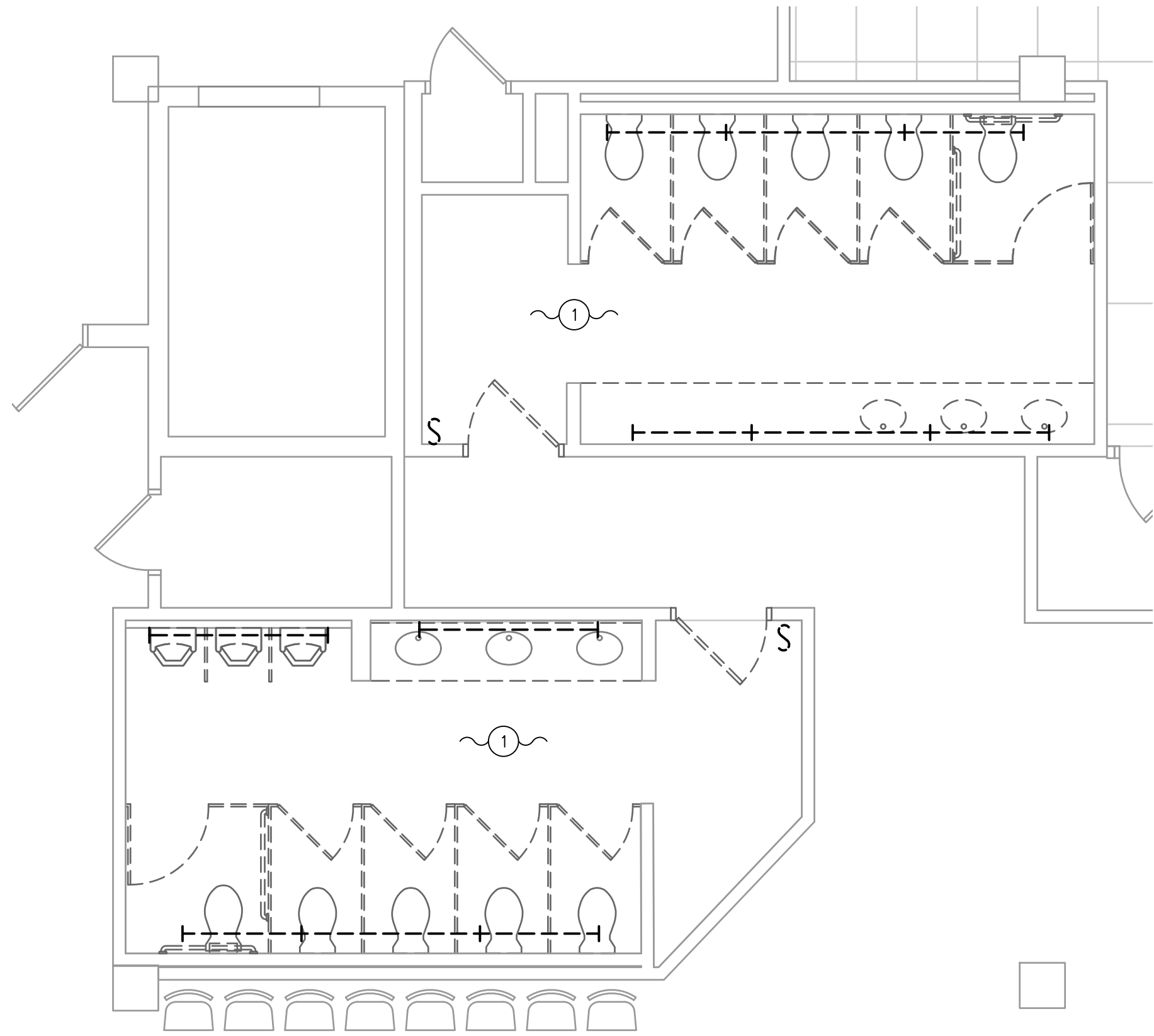
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022
 Scale AS SHOWN
 Drawn by JNB
 Checked by JNB
 Job No. 2191488
 Drawing No.

E-110



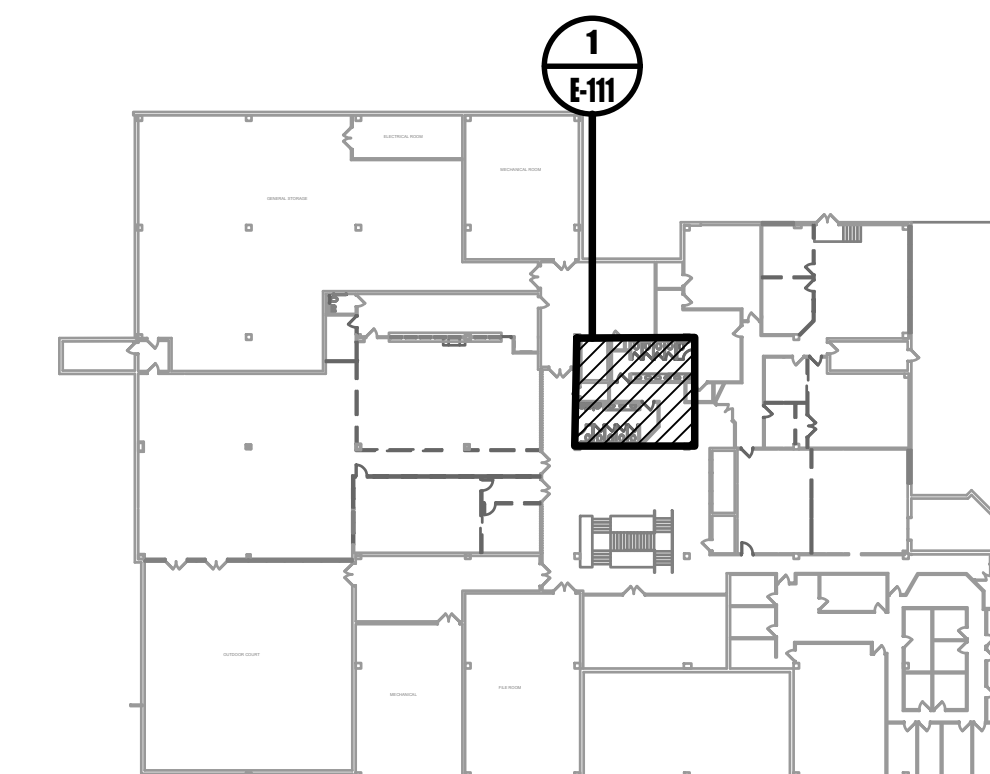
2 ELECTRICAL GROUND FLOOR RESTROOM DEMOLITION LIGHTING PLAN
1/4" = 1'-0"

GENERAL DEMOLITION PLAN NOTES:

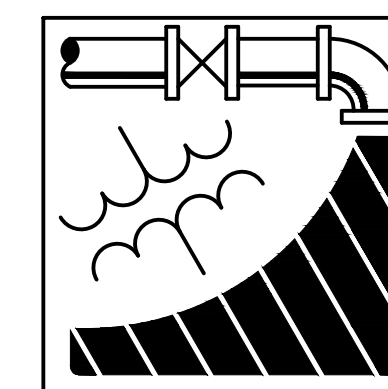
1. FOR ALL ITEMS DESIGNATED TO BE REMOVED, REMOVE THE BRANCH CIRCUIT, ASSOCIATED OBSOLETE WIRING, ANY SUPPORTS, CONTROLS, ETC FOR OBSOLETE ITEMS, UNLESS NOTED OTHERWISE.
2. PATCH EXISTING GENERAL CONSTRUCTION TO REMAIN TO MATCH THE EXISTING ADJACENT CONSTRUCTION FOR ALL ITEMS DESIGNATED TO BE REMOVED.
3. REMOVE ALL ITEMS FROM PREMISES DAILY AND KEEP CONSTRUCTION SITE BROOM SWEEP.
4. UTILIZE EXISTING ELECTRICAL POWER FOR CONSTRUCTION POWER. COORDINATE DEMOLITION TO PROVIDE GFCI RECEPTACLE EVERY 400 SQUARE FEET DURING CONSTRUCTION. IF CONSTRUCTION POWER CAN NOT BE COORDINATED WITH DEMOLITION, PROVIDE TEMPORARY POWER FOR CONSTRUCTION ACTIVITIES.
5. PROVIDE TEMPORARY LIGHTING THROUGHOUT CONSTRUCTION.
6. ENSURE DEMOLITION DOES NOT AFFECT ADJACENT SPACES. THE ADJACENT SPACES WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION.
7. TEMPORARILY REMOVE ALL ELECTRICAL ITEMS IN CEILING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK. REINSTALL UPON COMPLETION OF WORK. COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR.
8. ALL REMOVED LIGHT FIXTURES NOT UTILIZED SHALL BE TURNED OVER TO OWNER.

RESTROOM DEMOLITION KEYED NOTES:

1. REMOVE EXISTING LIGHT FIXTURE, LIGHTING CONTROL AND ASSOCIATED BRANCH CIRCUITRY WITHIN SPACE BACK TO SOURCE UNLESS OTHERWISE NOTED.



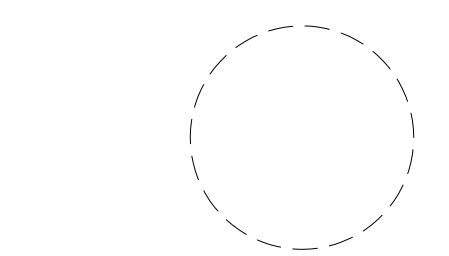
0 KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

NETTAARCHITECTS
1084 Route 22 West
North Plainfield
Phone: 973.370.0008
www.nettaarchitects.com
CERTIFICATE OF AUTHORIZATION AC-438
237 West 46th Street
New York, NY 10004
Phone: 212.777.2090



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL GROUND FLOOR DEMOLITION LIGHTING PLAN

PROJECT TITLE:

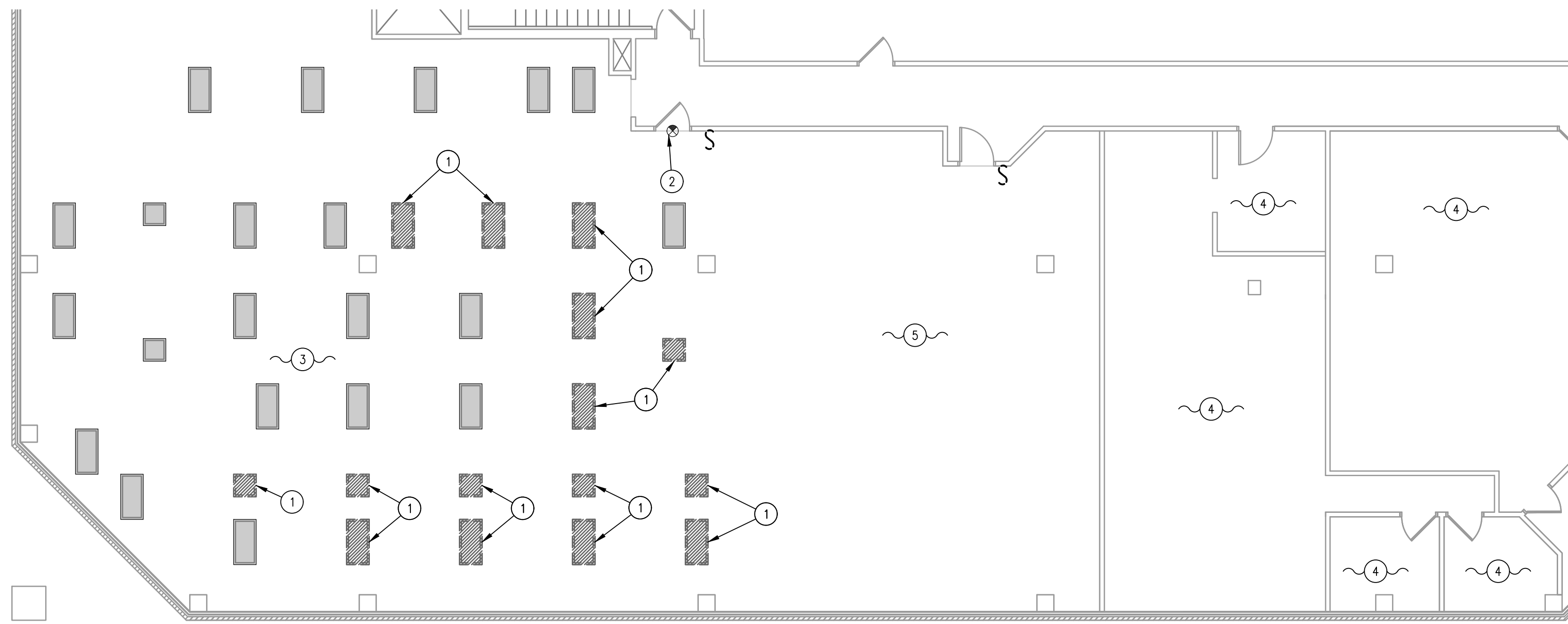
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:
08.22.2023 BID SUBMISSION

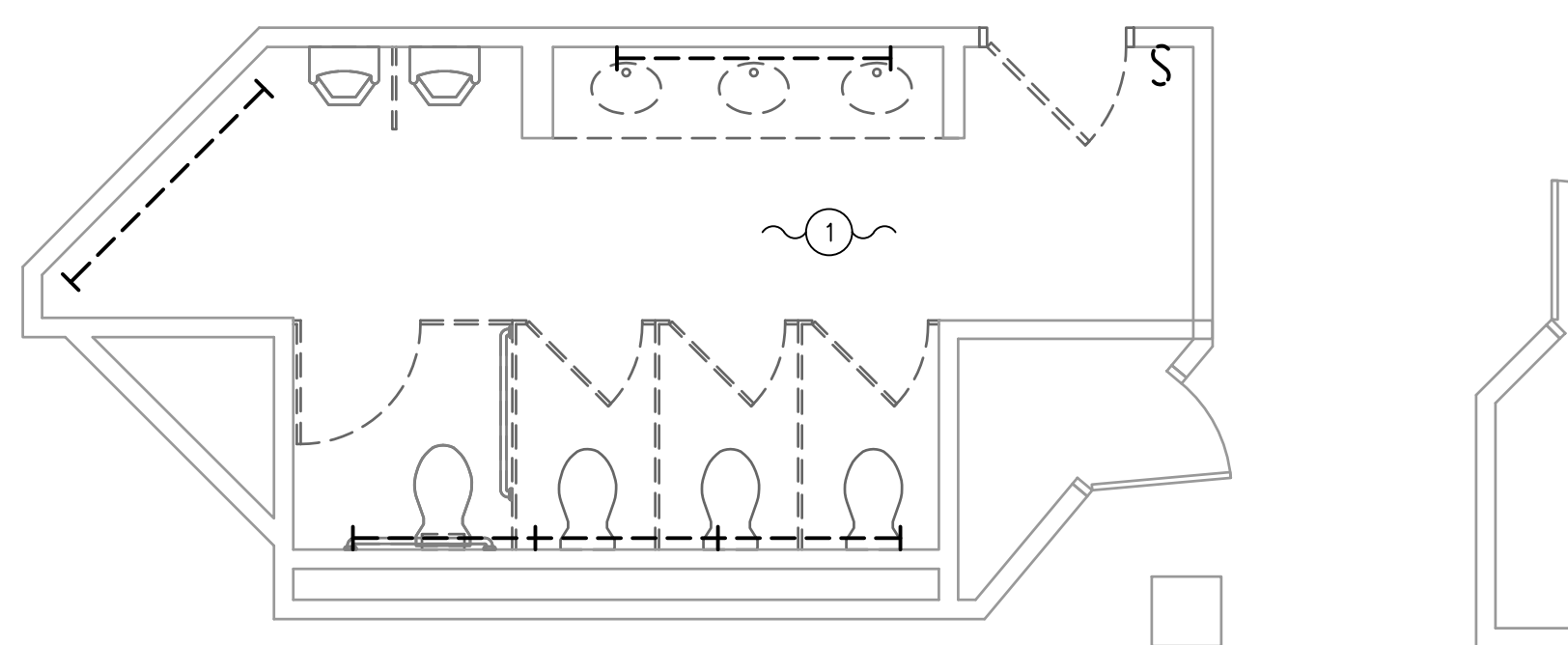
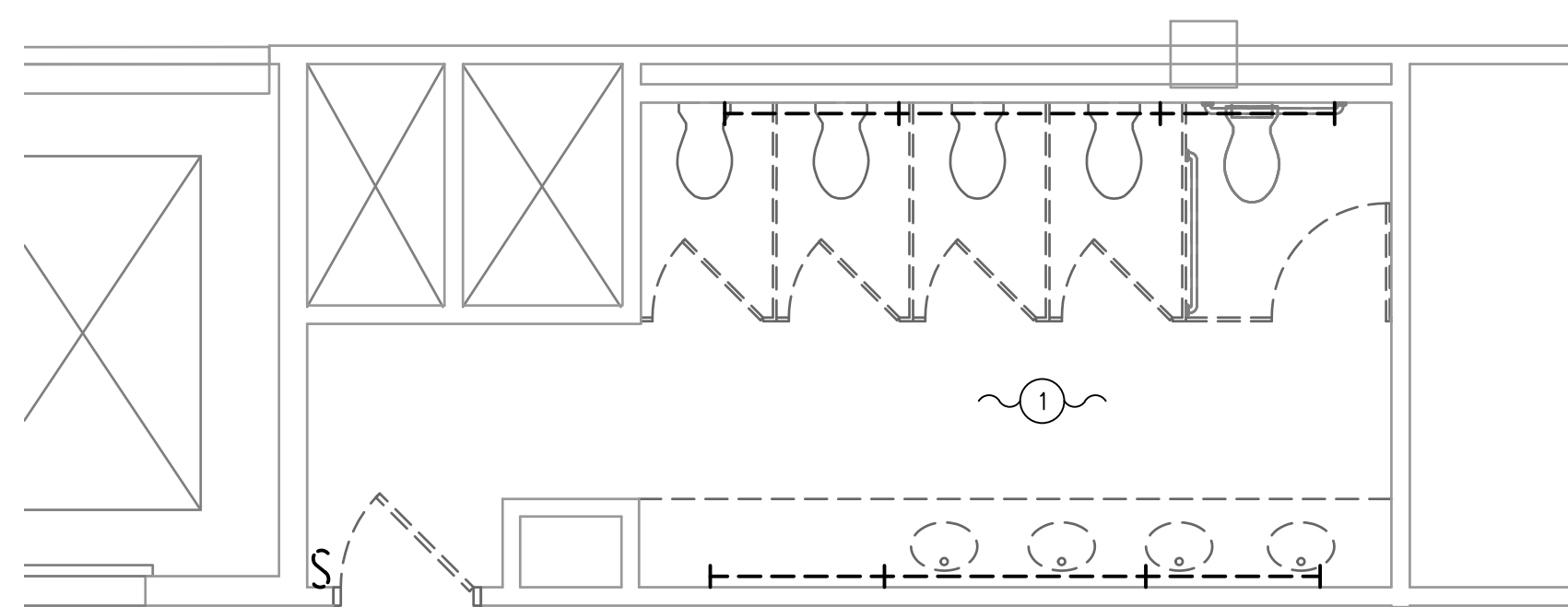
DATE	REVISIONS	BY	REV

Date 09.14.2022
Scale AS SHOWN
Drawn by JPB
Checked by JNB
Job No. 2191488
Drawing No.

E-111



1 ELECTRICAL SECOND FLOOR WORKFORCE DEMOLITION LIGHTING PLAN
1/8" = 1'-0"



3 ELECTRICAL SECOND FLOOR RESTROOM DEMOLITION LIGHTING PLAN
1/4" = 1'-0"

RESTROOM DEMOLITION KEYED NOTES:

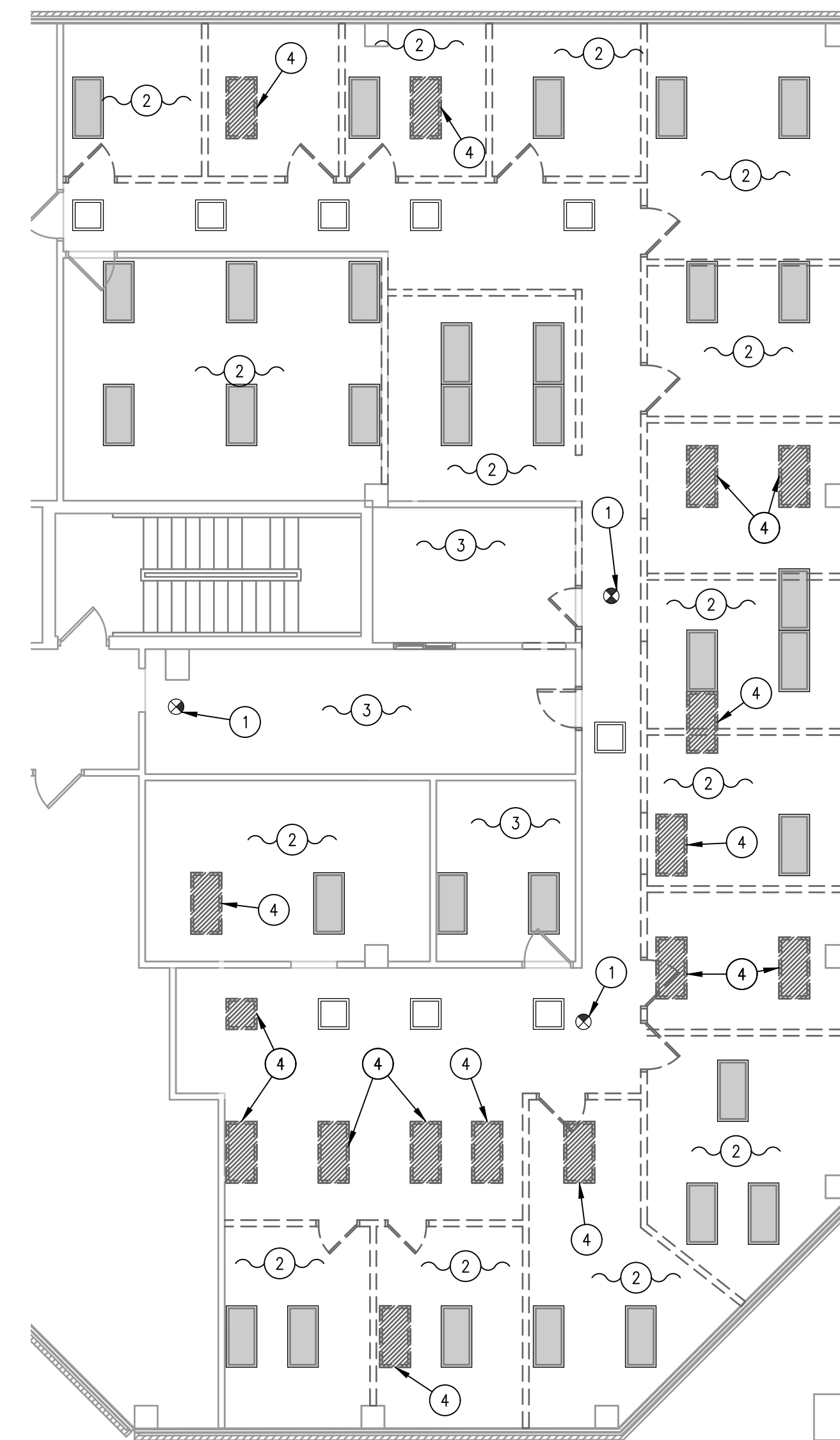
- 1 REMOVE EXISTING LIGHT FIXTURE, LIGHTING CONTROLS AND ALL ASSOCIATED WIRING WITHIN SPACE BACK TO SOURCE UNLESS OTHERWISE NOTED.

WORKFORCE DEMOLITION KEYED NOTES:

- 1 REMOVE EXISTING LIGHT FIXTURE, LIGHTING CONTROLS AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE. HAND OVER ALL DEMO LIGHTS TO OWNER FOR USE OF RELOCATION. REFER TO LIGHTING PLANS FOR RELOCATED LIGHTS.
- 2 EXISTING EXIT SIGN TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- 3 EXISTING LIGHT FIXTURE TO REMAIN. REMOVE EXISTING LIGHTING CONTROLS AND EXISTING BRANCH CIRCUITRY BACK TO SOURCE. REFER TO 1/E-302 FOR MORE INFORMATION.
- 4 AREA NOT IN SCOPE OF WORK. ALL EXISTING LIGHT FIXTURES, LIGHTING CONTROLS, EXIT SIGNS TO REMAIN.
- 5 MODIFY EXISTING LIGHTING CONTROLS IN SPACE TO ACCOMMODATE SCOPE OF WORK. REFER TO 1/E-302 FOR MORE INFORMATION.

GENERAL DEMOLITION PLAN NOTES:

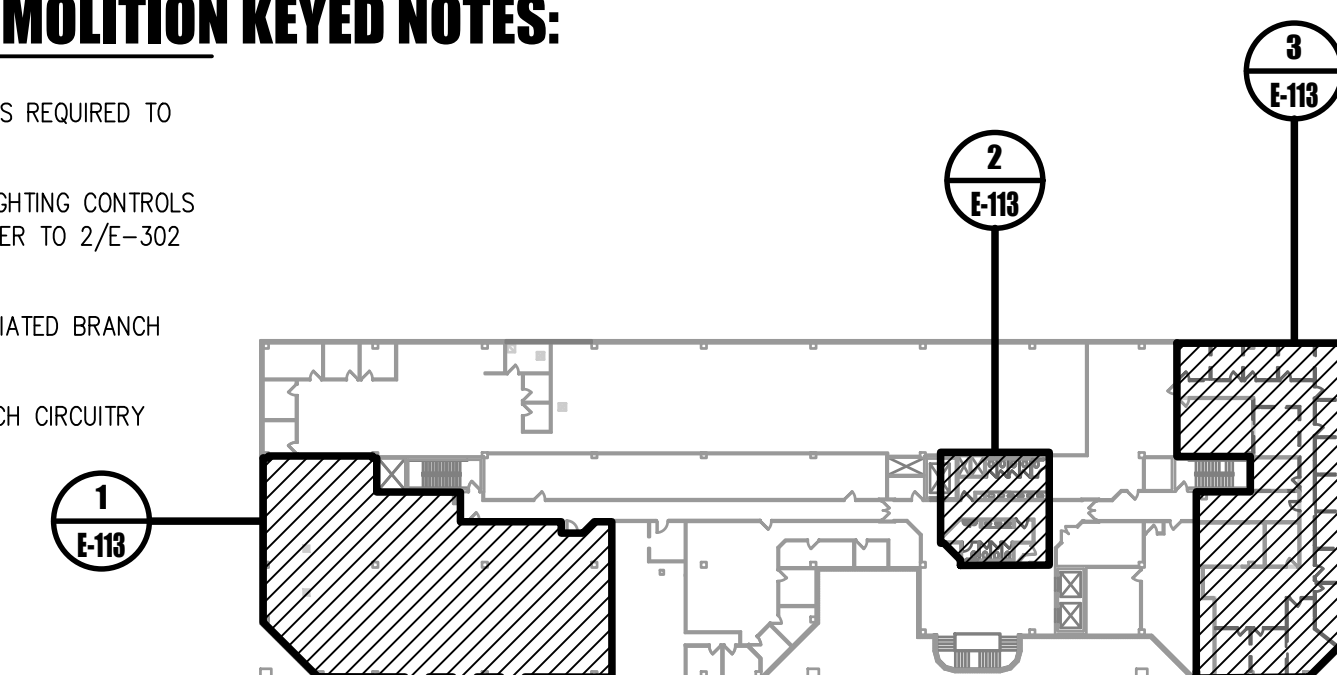
- 1. FOR ALL ITEMS DESIGNATED TO BE REMOVED. REMOVE THE BRANCH CIRCUIT, ASSOCIATED OBSOLETE WIRING, ANY SUPPORTS, CONTROLS, ETC FOR OBSOLETE ITEMS. UNLESS NOTED OTHERWISE.
- 2. PATCH EXISTING GENERAL CONSTRUCTION TO REMAIN TO MATCH THE EXISTING ADJACENT CONSTRUCTION FOR ALL ITEMS DESIGNATED TO BE REMOVED.
- 3. REMOVE ALL ITEMS FROM PREMISES DAILY AND KEEP CONSTRUCTION SITE BROOM SWEEP.
- 4. UTILIZE EXISTING ELECTRICAL POWER FOR CONSTRUCTION POWER. COORDINATE DEMOLITION TO PROVIDE GFCI RECEPTACLE EVERY 400 SQUARE FEED DURING CONSTRUCTION. IF CONSTRUCTION POWER CAN NOT BE COORDINATED WITH DEMOLITION, PROVIDE TEMPORARY POWER FOR CONSTRUCTION ACTIVITIES.
- 5. PROVIDE TEMPORARY LIGHTING THROUGHOUT CONSTRUCTION.
- 6. ENSURE DEMOLITION DOES NOT AFFECT ADJACENT SPACES. THE ADJACENT SPACES WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION.
- 7. TEMPORARILY REMOVE ALL ELECTRICAL ITEMS IN CEILING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK. REINSTALL UPON COMPLETION OF WORK. COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR.
- 8. ALL REMOVED LIGHT FIXTURES NOT UTILIZED SHALL BE TURNED OVER TO OWNER.



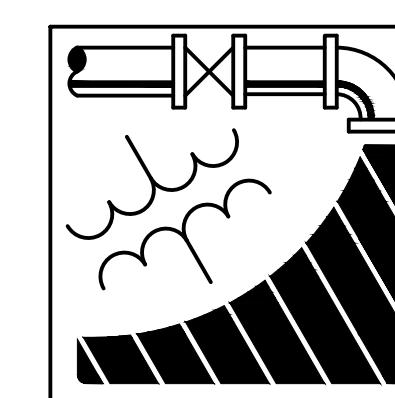
2 ELECTRICAL SECOND FLOOR COMMUNITY DEVELOPMENT DEMOLITION LIGHTING PLAN
1/8" = 1'-0"

COMMUNITY DEVELOPMENT DEMOLITION KEYED NOTES:

- 1 EXISTING EXIT SIGN TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- 2 EXISTING LIGHT FIXTURE TO REMAIN. REMOVE EXISTING LIGHTING CONTROLS AND EXISTING BRANCH CIRCUITRY BACK TO SOURCE. REFER TO 2/E-302 FOR MORE INFORMATION.
- 3 EXISTING LIGHT FIXTURE, LIGHTING CONTROLS AND ASSOCIATED BRANCH CIRCUITRY TO REMAIN.
- 4 REMOVE EXISTING LIGHT FIXTURE AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.



0 KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

NETTAARCHITECTS
104 Route 22 West
New York, NY 10004
Phone: 878.379.0006
www.nettaarchitects.com
CERTIFICATE OF AUTHORIZATION AC-438
237 West 86th Street
New York, NY 10024
Phone: 212.777.2090

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL SECOND FLOOR DEMOLITION LIGHTING PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

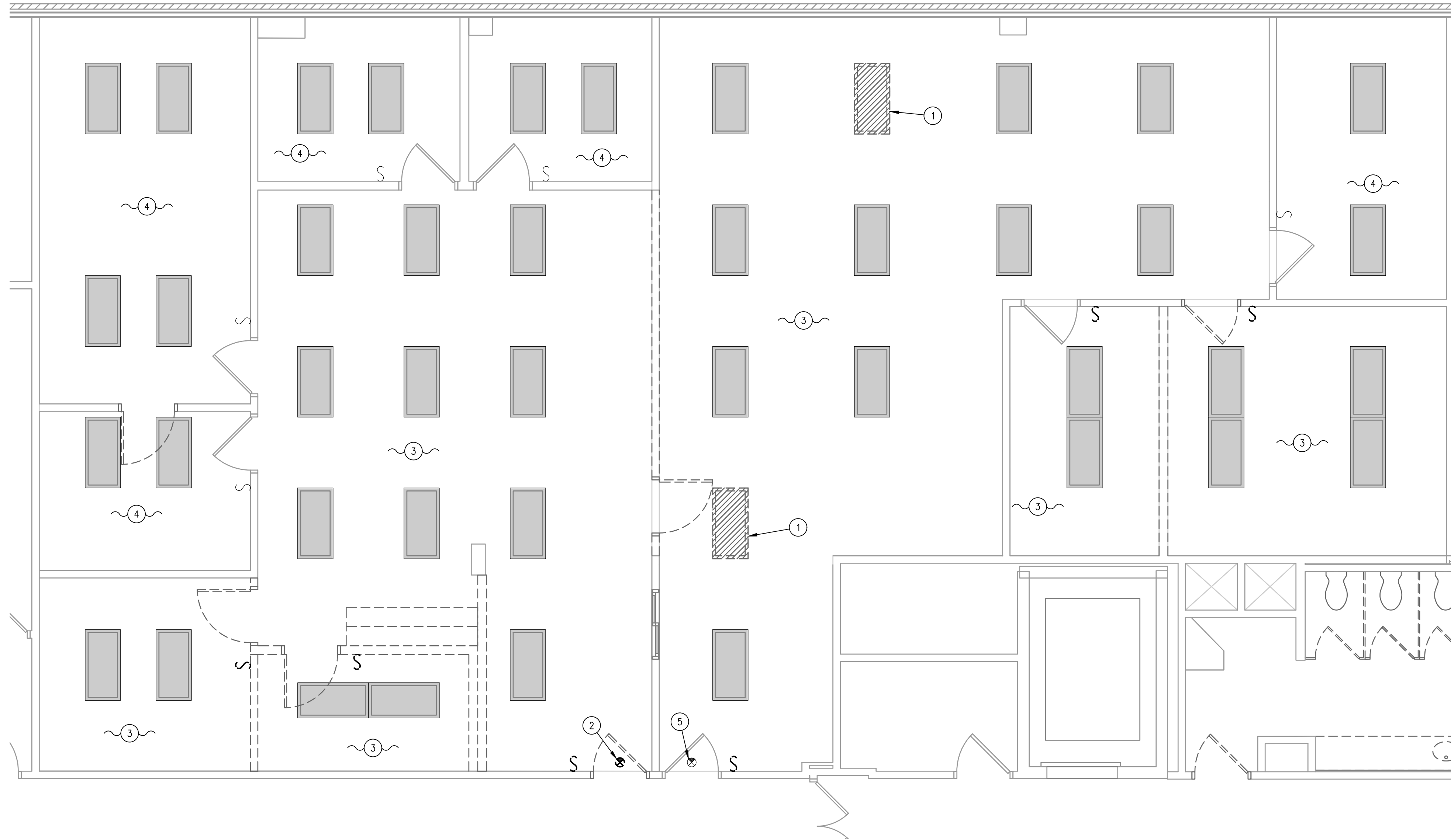
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	DP
Checked by	JNB
Job No.	2191488
Drawing No.	

E-113



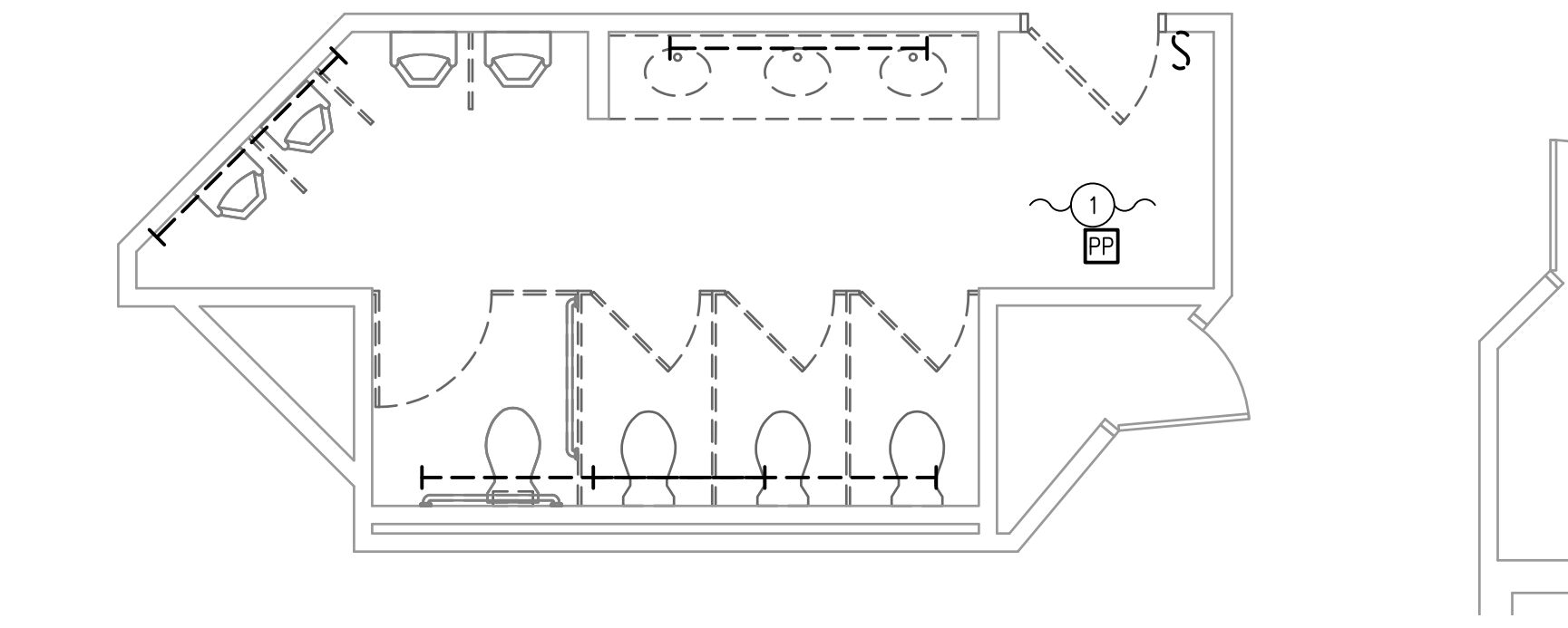
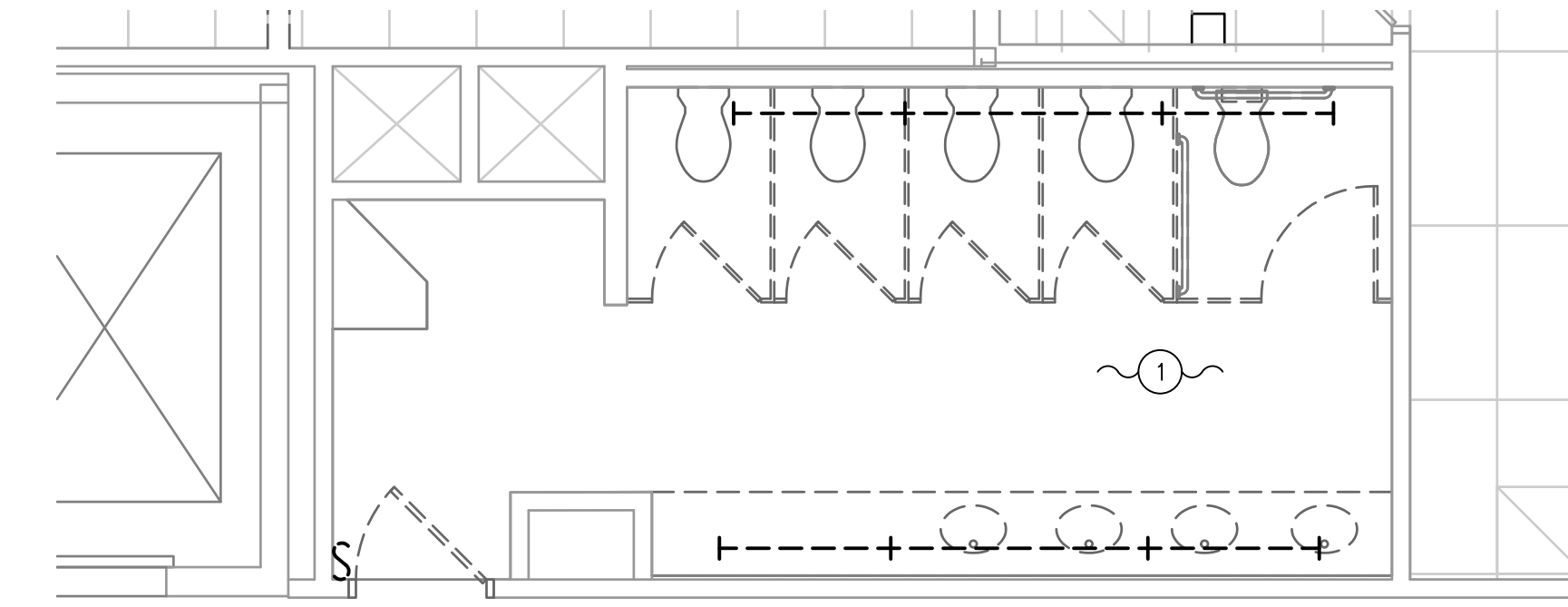
1 ELECTRICAL THIRD FLOOR PROSECUTOR'S DEMOLITION LIGHTING PLAN
1/4" = 1'-0"

GENERAL DEMOLITION PLAN NOTES:

1. FOR ALL ITEMS DESIGNATED TO BE REMOVED, REMOVE THE BRANCH CIRCUIT, ASSOCIATED OBSOLETE WIRING, ANY SUPPORTS, CONTROLS, ETC FOR OBSOLETE ITEMS, UNLESS NOTED OTHERWISE.
2. PATCH EXISTING GENERAL CONSTRUCTION TO REMAIN TO MATCH THE EXISTING ADJACENT CONSTRUCTION FOR ALL ITEMS DESIGNATED TO BE REMOVED.
3. REMOVE ALL ITEMS FROM PREMISES DAILY AND KEEP CONSTRUCTION SITE BROOM SWEEP.
4. UTILIZE EXISTING ELECTRICAL POWER FOR CONSTRUCTION POWER. COORDINATE DEMOLITION TO PROVIDE GFCI RECEPTACLE EVERY 400 SQUARE FEET DURING CONSTRUCTION. IF CONSTRUCTION POWER CAN NOT BE COORDINATED WITH DEMOLITION, PROVIDE TEMPORARY POWER FOR CONSTRUCTION ACTIVITIES.
5. PROVIDE TEMPORARY LIGHTING THROUGHOUT CONSTRUCTION.
6. ENSURE DEMOLITION DOES NOT AFFECT ADJACENT SPACES. THE ADJACENT SPACES WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION.
7. TEMPORARILY REMOVE ALL ELECTRICAL ITEMS IN CEILING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK. REINSTALL UPON COMPLETION OF WORK. COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR.
8. ALL REMOVED LIGHT FIXTURES NOT UTILIZED SHALL BE TURNED OVER TO OWNER.

PROSECUTOR'S DEMOLITION KEYED NOTES:

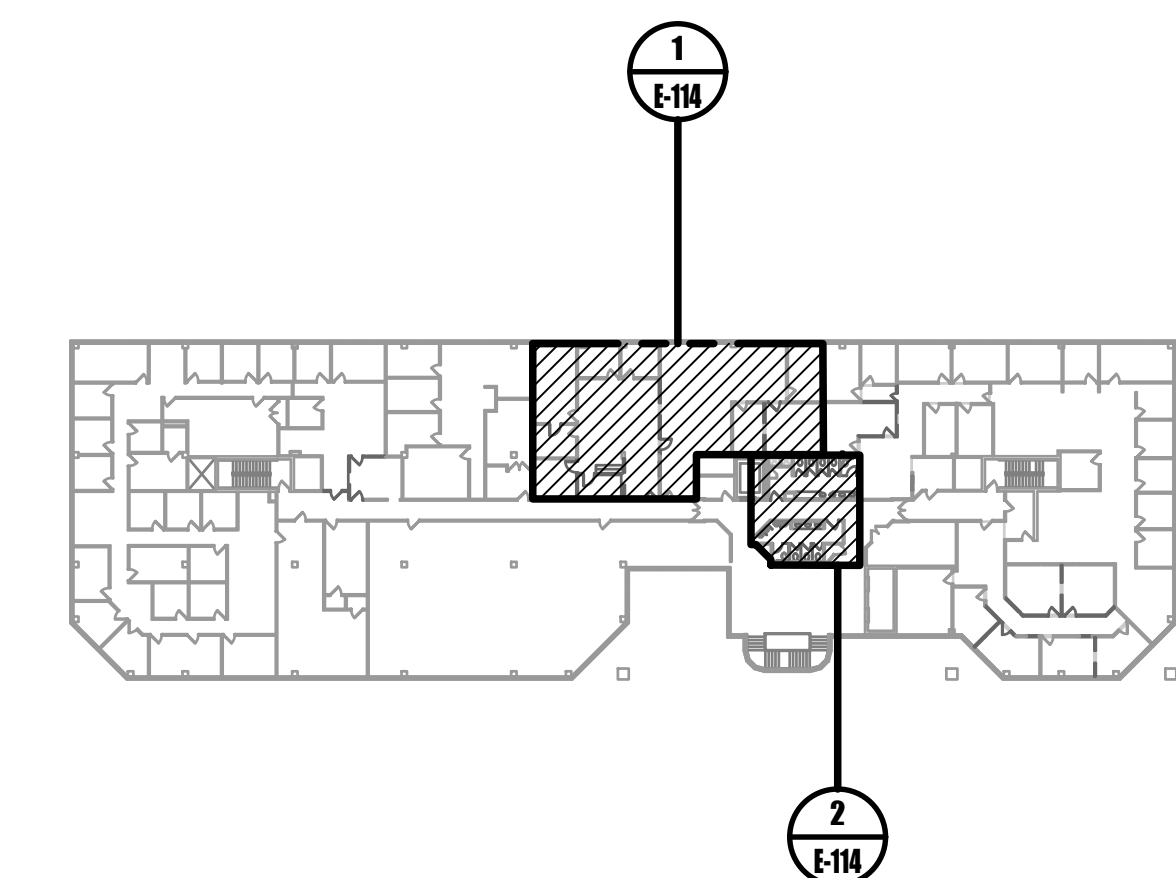
- ① REMOVE EXISTING LIGHT FIXTURE, LIGHTING CONTROLS AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE. HAND OVER ALL DEMO LIGHTS TO OWNER FOR USE OF RELOCATION. REFER TO LIGHTING PLANS FOR RELOCATED LIGHTS.
- ② REMOVE EXISTING EXIT SIGN AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.
- ③ EXISTING LIGHT FIXTURE TO REMAIN. REMOVE EXISTING LIGHTING CONTROLS AND EXISTING BRANCH CIRCUITRY BACK TO SOURCE. REFER TO 1/E-303 FOR MORE INFORMATION.
- ④ EXISTING LIGHT FIXTURE, LIGHTING CONTROLS AND ASSOCIATED BRANCH CIRCUITRY TO REMAIN.
- ⑤ EXISTING EXIT SIGN TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.



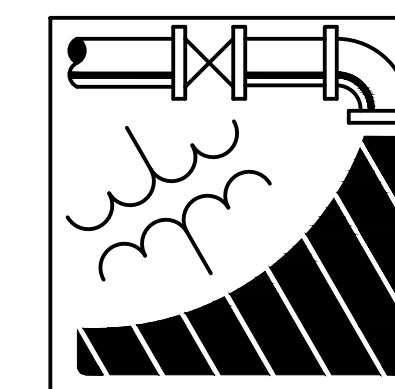
2 ELECTRICAL THIRD FLOOR RESTROOM DEMOLITION LIGHTING PLAN
1/4" = 1'-0"

RESTROOM DEMOLITION KEYED NOTES:

- ① REMOVE EXISTING LIGHT FIXTURE, LIGHTING CONTROLS AND ASSOCIATED WIRING WITHIN SPACE BACK TO SOURCE UNLESS OTHERWISE NOTED



0 KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC

555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

NETTAARCHITECTS
237 West 36th Street
New York, NY 10004
Phone: 878.370.0008
www.nettaarchitects.com
CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL THIRD FLOOR DEMOLITION LIGHTING PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022

Scale AS SHOWN

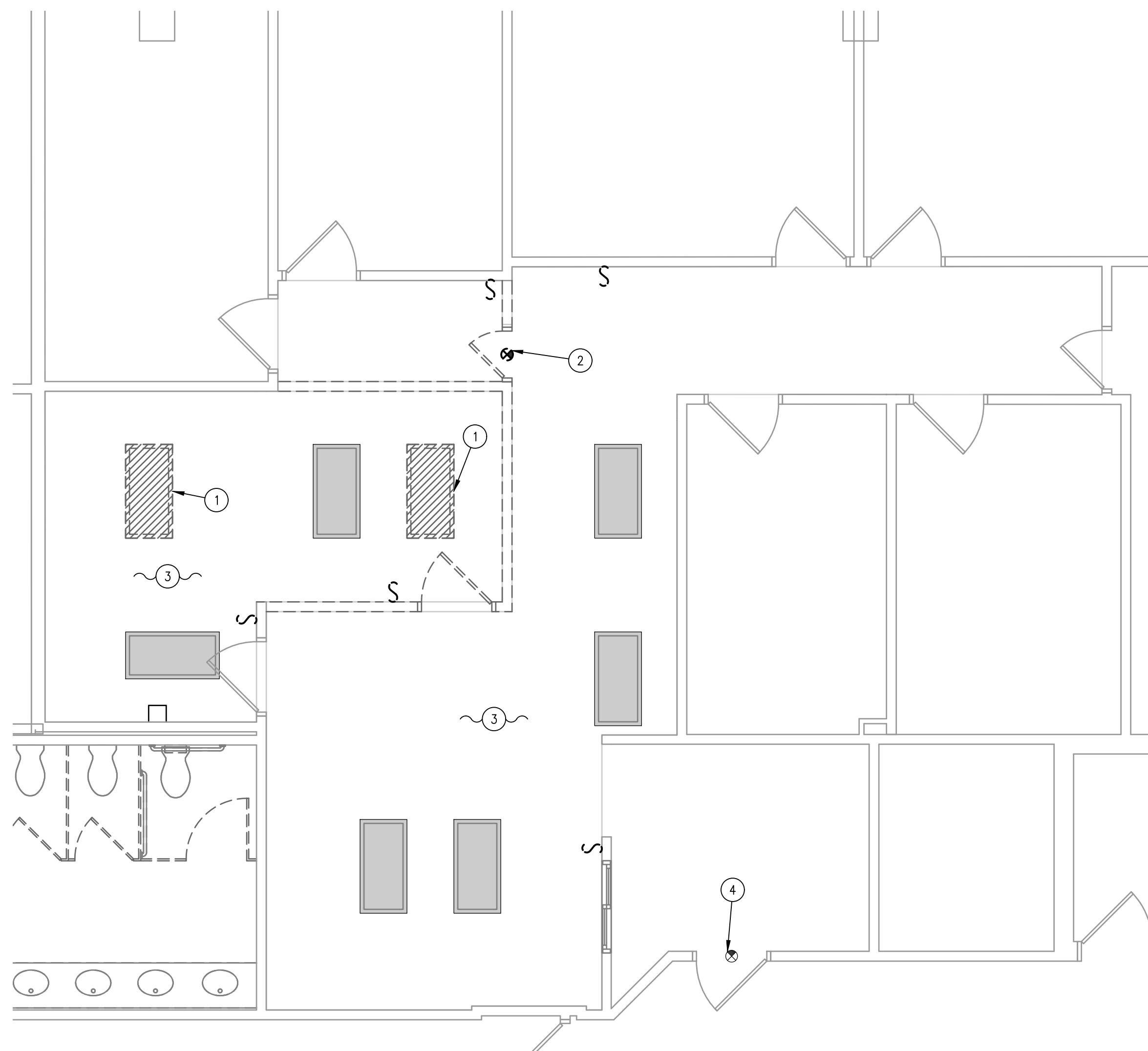
Drawn by DP

Checked by JNB

Job No. 2191488

Drawing No.

E-114



1 ELECTRICAL THIRD FLOOR VETERAN'S DEMOLITION LIGHTING PLAN
 1/4" = 1'-0"

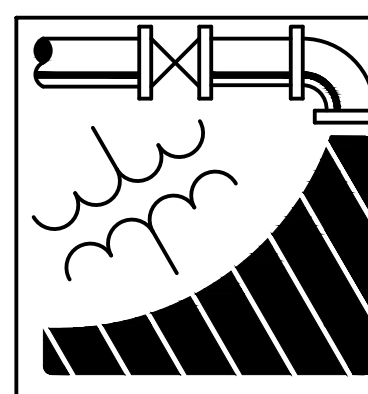
GENERAL DEMOLITION PLAN NOTES:

1. FOR ALL ITEMS DESIGNATED TO BE REMOVED, REMOVE THE BRANCH CIRCUIT, ASSOCIATED OBSOLETE WIRING, ANY SUPPORTS, CONTROLS, ETC FOR OBSOLETE ITEMS, UNLESS NOTED OTHERWISE.
2. PATCH EXISTING GENERAL CONSTRUCTION TO REMAIN TO MATCH THE EXISTING ADJACENT CONSTRUCTION FOR ALL ITEMS DESIGNATED TO BE REMOVED.
3. REMOVE ALL ITEMS FROM PREMISES DAILY AND KEEP CONSTRUCTION SITE BROOM SWEEP.
4. UTILIZE EXISTING ELECTRICAL POWER FOR CONSTRUCTION POWER. COORDINATE DEMOLITION TO PROVIDE GFCI RECEPTACLE EVERY 400 SQUARE FEET DURING CONSTRUCTION. IF CONSTRUCTION POWER CAN NOT BE COORDINATED WITH DEMOLITION, PROVIDE TEMPORARY POWER FOR CONSTRUCTION ACTIVITIES.
5. PROVIDE TEMPORARY LIGHTING THROUGHOUT CONSTRUCTION.
6. ENSURE DEMOLITION DOES NOT AFFECT ADJACENT SPACES. THE ADJACENT SPACES WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION.
7. TEMPORARILY REMOVE ALL ELECTRICAL ITEMS IN CEILING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK. REINSTALL UPON COMPLETION OF WORK. COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR.
8. ALL REMOVED LIGHT FIXTURES NOT UTILIZED SHALL BE TURNED OVER TO OWNER.

VETERAN'S DEMOLITION KEYED NOTES:

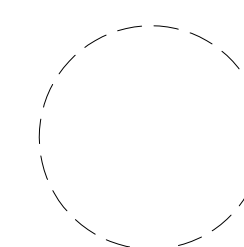
- 1 REMOVE EXISTING LIGHT FIXTURE, LIGHTING CONTROLS AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE. HAND OVER ALL DEMO LIGHTS TO OWNER FOR USE OF RELOCATION. REFER TO LIGHTING PLANS FOR RELOCATED LIGHTS.
- 2 REMOVE EXISTING EXIT SIGN AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.
- 3 EXISTING LIGHT FIXTURE TO REMAIN. REMOVE EXISTING LIGHTING CONTROLS AND EXISTING BRANCH CIRCUITRY BACK TO SOURCE. REFER TO 1/E-304 FOR MORE INFORMATION.
- 4 EXISTING EXIT SIGN TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.

0 KEYPLAN
 NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800



NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL THIRD FLOOR DEMOLITION LIGHTING PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022

Scale AS SHOWN

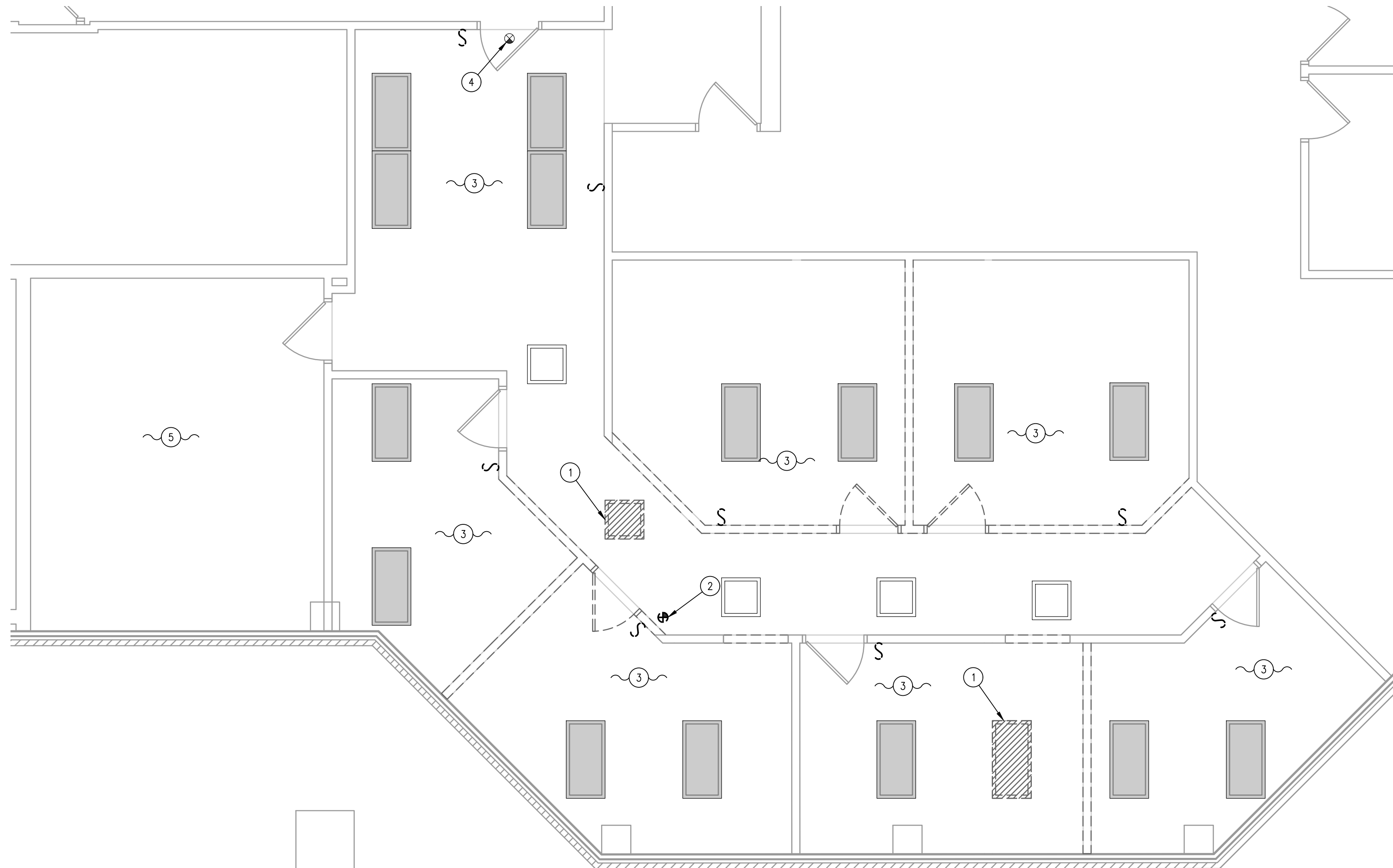
Drawn by DP

Checked by JNB

Job No. 2191488

Drawing No.

E-115



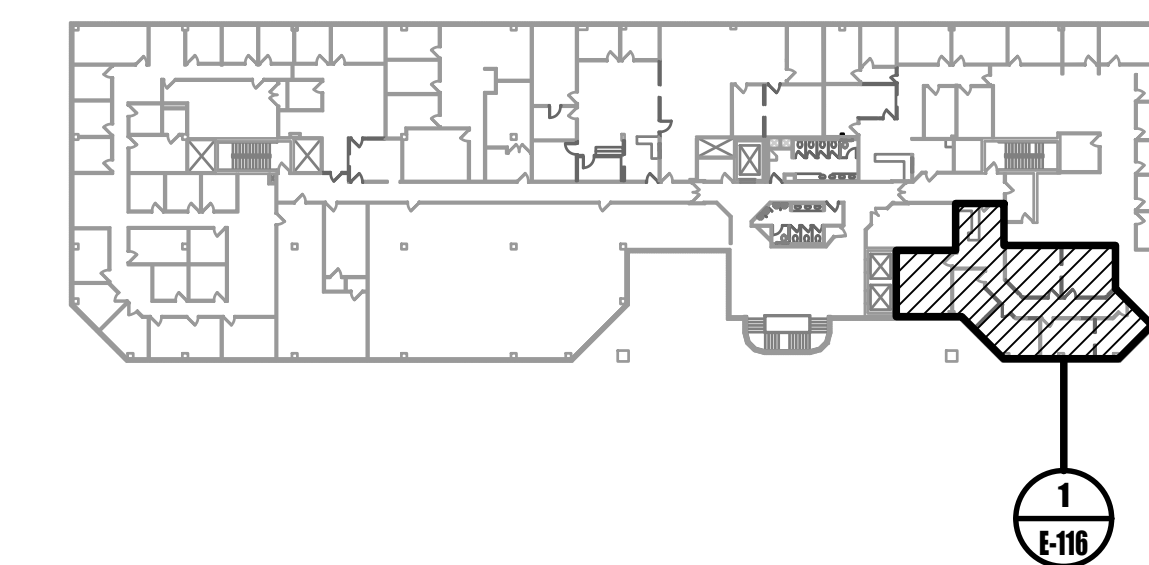
1 ELECTRICAL THIRD FLOOR OAKS INTEGRATED CARE DEMOLITION LIGHTING PLAN
 1/4" = 1'-0"

GENERAL DEMOLITION PLAN NOTES:

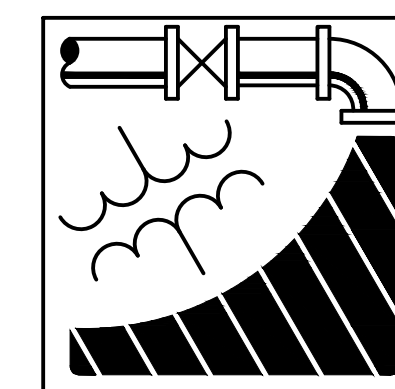
1. FOR ALL ITEMS DESIGNATED TO BE REMOVED, REMOVE THE BRANCH CIRCUIT, ASSOCIATED OBSOLETE WIRING, ANY SUPPORTS, CONTROLS, ETC FOR OBSOLETE ITEMS, UNLESS NOTED OTHERWISE.
2. PATCH EXISTING GENERAL CONSTRUCTION TO REMAIN TO MATCH THE EXISTING ADJACENT CONSTRUCTION FOR ALL ITEMS DESIGNATED TO BE REMOVED.
3. REMOVE ALL ITEMS FROM PREMISES DAILY AND KEEP CONSTRUCTION SITE BROOM SWEEP.
4. UTILIZE EXISTING ELECTRICAL POWER FOR CONSTRUCTION POWER. COORDINATE DEMOLITION TO PROVIDE GFCI RECEPTACLE EVERY 400 SQUARE FEET DURING CONSTRUCTION. IF CONSTRUCTION POWER CAN NOT BE COORDINATED WITH DEMOLITION, PROVIDE TEMPORARY POWER FOR CONSTRUCTION ACTIVITIES.
5. PROVIDE TEMPORARY LIGHTING THROUGHOUT CONSTRUCTION.
6. ENSURE DEMOLITION DOES NOT AFFECT ADJACENT SPACES. THE ADJACENT SPACES WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION.
7. TEMPORARILY REMOVE ALL ELECTRICAL ITEMS IN CEILING AS REQUIRED TO ACCOMMODATE SCOPE OF WORK. REINSTALL UPON COMPLETION OF WORK. COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR.
8. ALL REMOVED LIGHT FIXTURES NOT UTILIZED SHALL BE TURNED OVER TO OWNER.

OAKS INTEGRATED CARE DEMOLITION KEYED NOTES:

1. REMOVE EXISTING LIGHT FIXTURE, LIGHTING CONTROLS AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE. HAND OVER ALL DEMO LIGHTS TO OWNER FOR USE OF RELOCATION. REFER TO LIGHTING PLANS FOR RELOCATED LIGHTS.
2. REMOVE EXISTING EXIT SIGN AND ASSOCIATED BRANCH CIRCUITRY BACK TO SOURCE.
3. EXISTING LIGHT FIXTURE TO REMAIN. REMOVE EXISTING LIGHTING CONTROLS AND EXISTING BRANCH CIRCUITRY BACK TO SOURCE. REFER TO 1/E-305 FOR MORE INFORMATION.
4. EXISTING EXIT SIGN TO REMAIN. REMOVE AND REPLACE AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
5. EXISTING LIGHTS AND LIGHTING CONTROLS TO REMAIN.

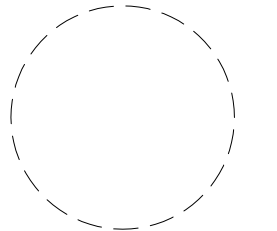
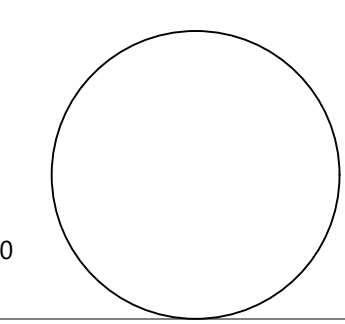


0 KEYPLAN
 NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800



NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541
 FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118
 MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160
 LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL THIRD FLOOR DEMOLITION LIGHTING PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

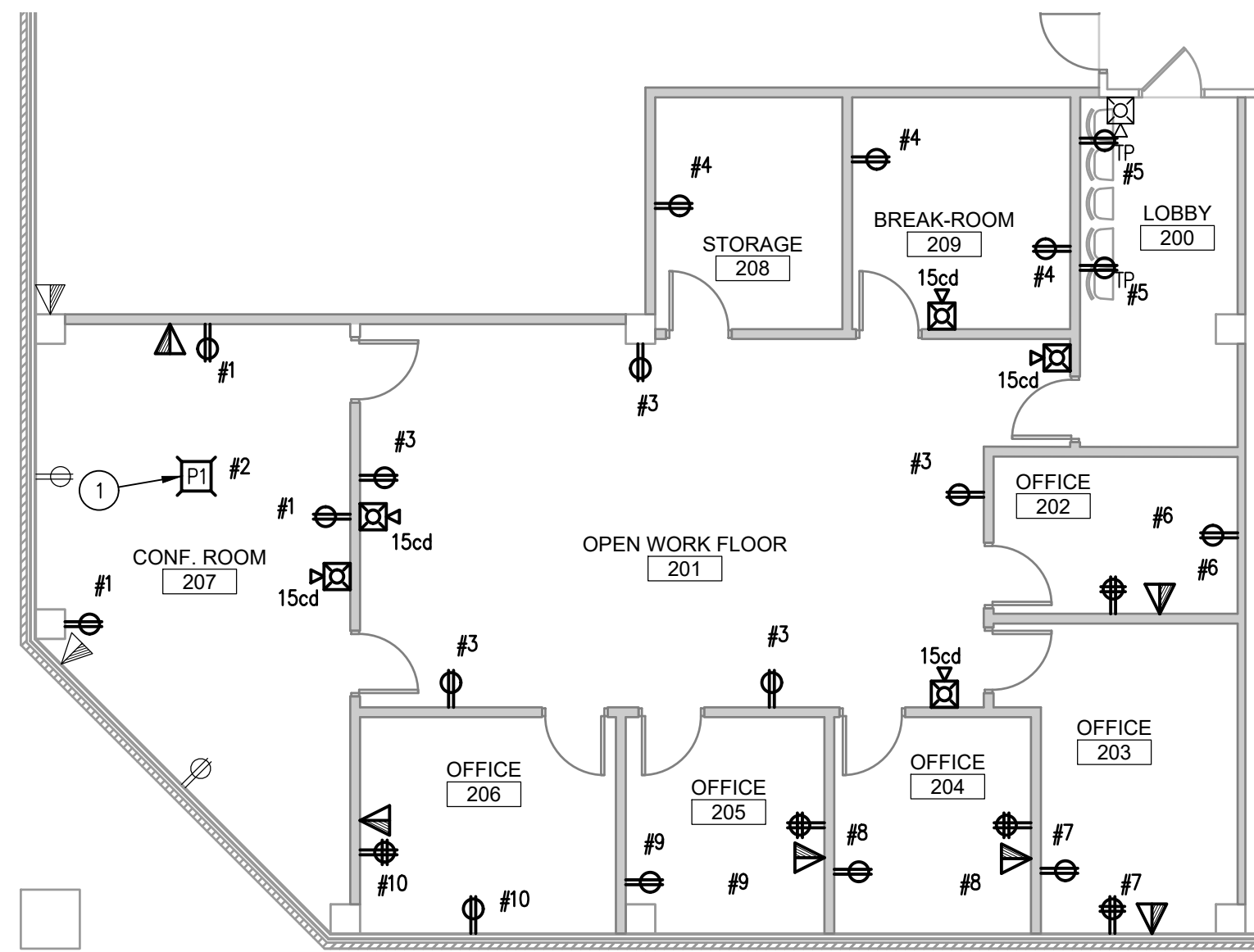
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	DP
Checked by	JNB
Job No.	2191488
Drawing No.	

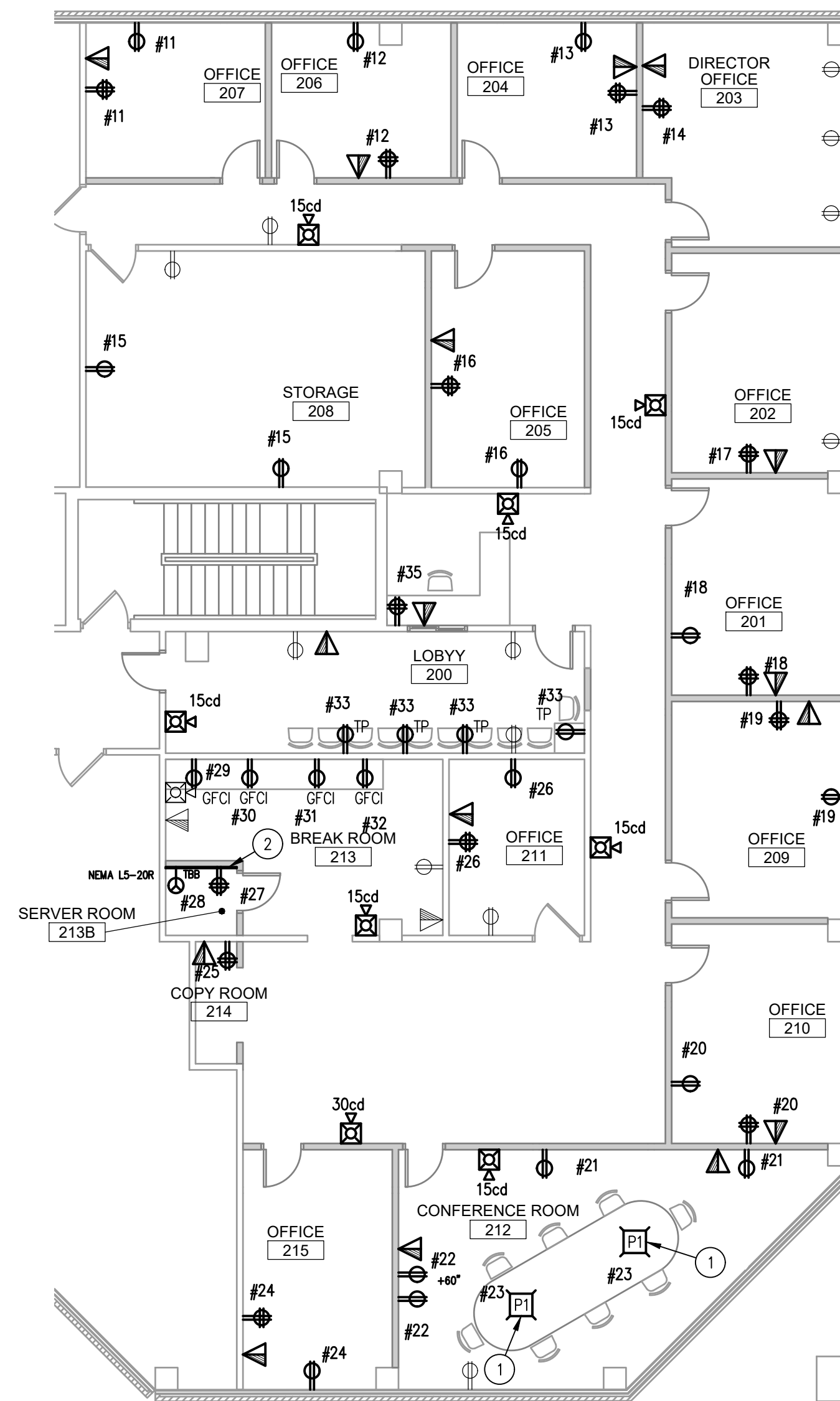
E-116



1 ELECTRICAL SECOND FLOOR SUPERINTENDENT POWER PLAN
1/8" = 1'-0"

SUPERINTENDENT KEYED NOTES:

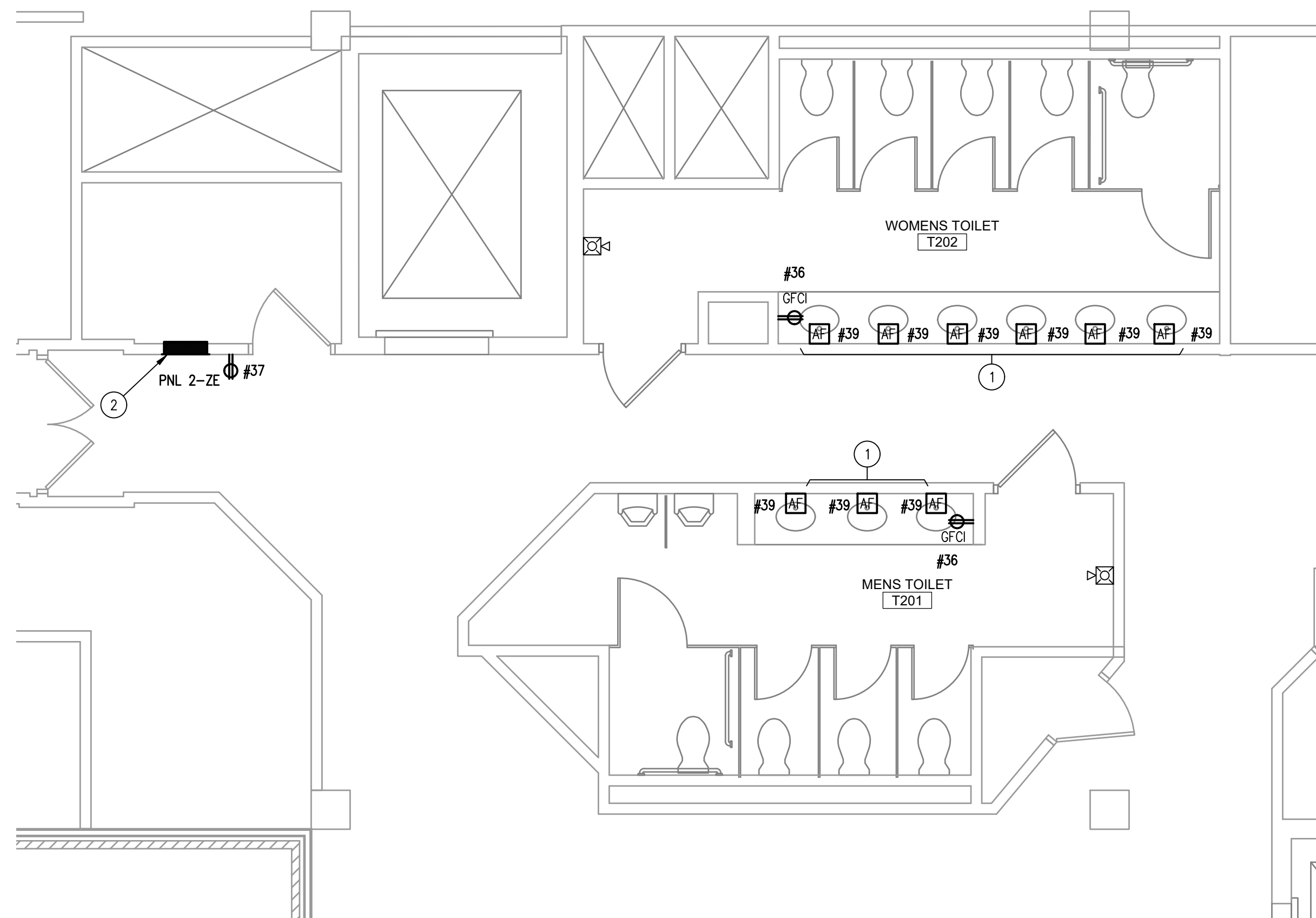
- 1 PROVIDE 1" CONDUIT FOR POWER AND 1-1/4" CONDUIT FOR TELECOMMUNICATIONS IN SPACE ABOVE CEILING OF FLOOR BELOW. RUN CONDUIT FROM POKE THRU UP WALL TO SPACE ABOVE CEILING. FIELD COORDINATE EXACT ROUTING OF CONDUIT. REFER TO E-000 FOR MORE INFORMATION.



2 ELECTRICAL SECOND FLOOR COMMUNITY DEVELOPMENT POWER PLAN
1/8" = 1'-0"

COMMUNITY DEVELOPMENT KEYED NOTES:

- 1 PROVIDE 1" CONDUIT FOR POWER AND 1-1/4" CONDUIT FOR TELECOMMUNICATIONS IN SPACE ABOVE CEILING OF FLOOR BELOW. RUN CONDUIT FROM POKE THRU UP WALL TO SPACE ABOVE CEILING. FIELD COORDINATE EXACT ROUTING OF CONDUIT. REFER TO E-000 FOR MORE INFORMATION.
- 2 PROVIDE 8-FOOT BY 4-FOOT PLYWOOD BACKBOARD FOR TELECOMMUNICATIONS DEMARCATION.



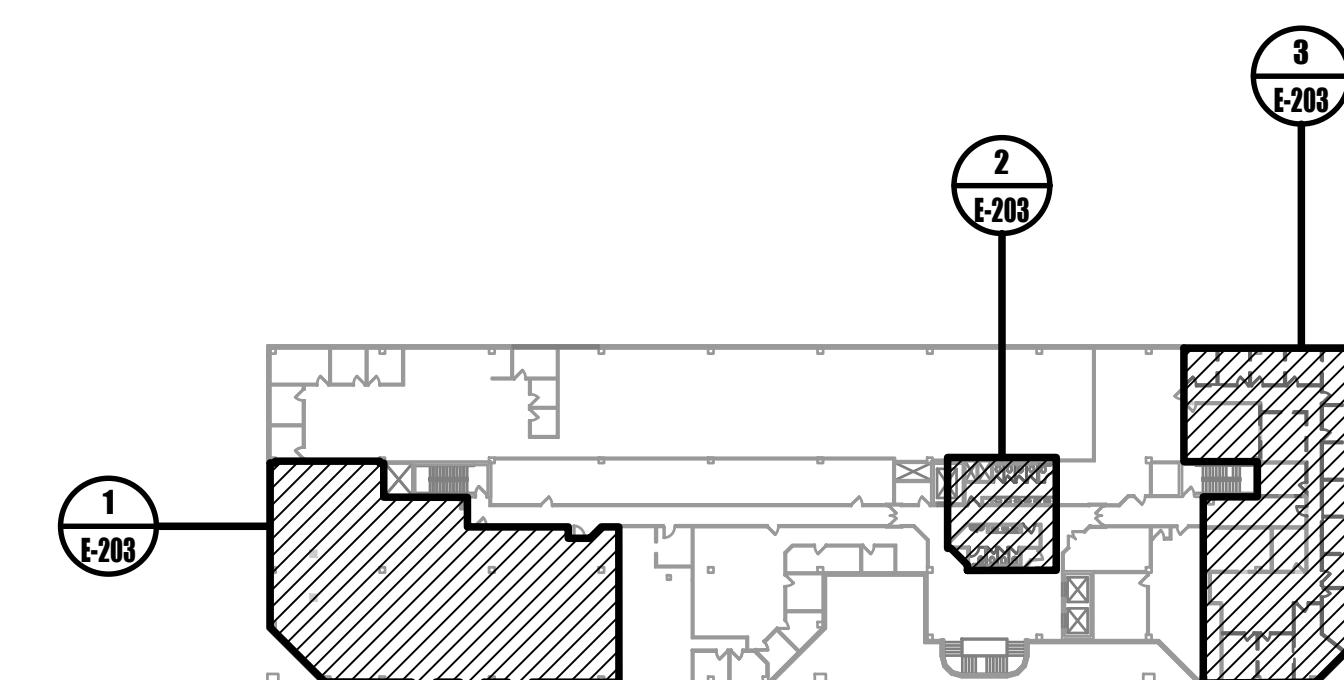
3 ELECTRICAL SECOND FLOOR RESTROOM POWER PLAN
1/4" = 1'-0"

RESTROOM KEYED NOTES:

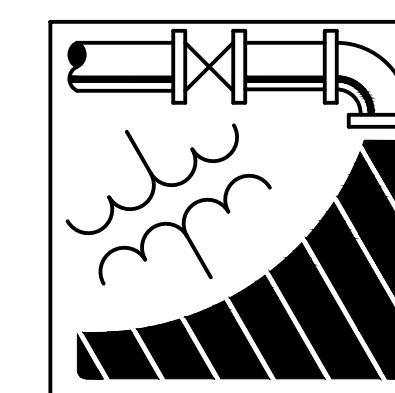
- 1 PROVIDE POWER AND WIRING FOR AUTOMATIC FAUCET OR FLUSHOMETER FIXTURES. COORDINATE EXACT REQUIREMENTS WITH PLUMBING CONTRACTOR. REFER TO E-000 FOR MORE INFORMATION.
- 2 INTENT IS FOR PANELBOARD TO BE RECESSED OUTSIDE ELECTRICAL ROOM. CONTRACTOR SHALL CONFIRM WALL STRUCTURE AND COORDINATE EXACT REQUIREMENTS WITH ARCHITECTURAL DRAWINGS.

GENERAL NOTES:

1. ALL POWER IN SPACE SHALL BE DERIVED BY PANELBOARD 2-ZE UNLESS OTHERWISE NOTED.
2. COORDINATE WITH DEMOLITION PLANS FOR RECEPTACLES TO REMAIN.
3. ALL RECEPTACLES LABELED WITH "TP" SHALL BE OF TAMPER RESISTANT TYPE.



0 KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL SECOND FLOOR POWER PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

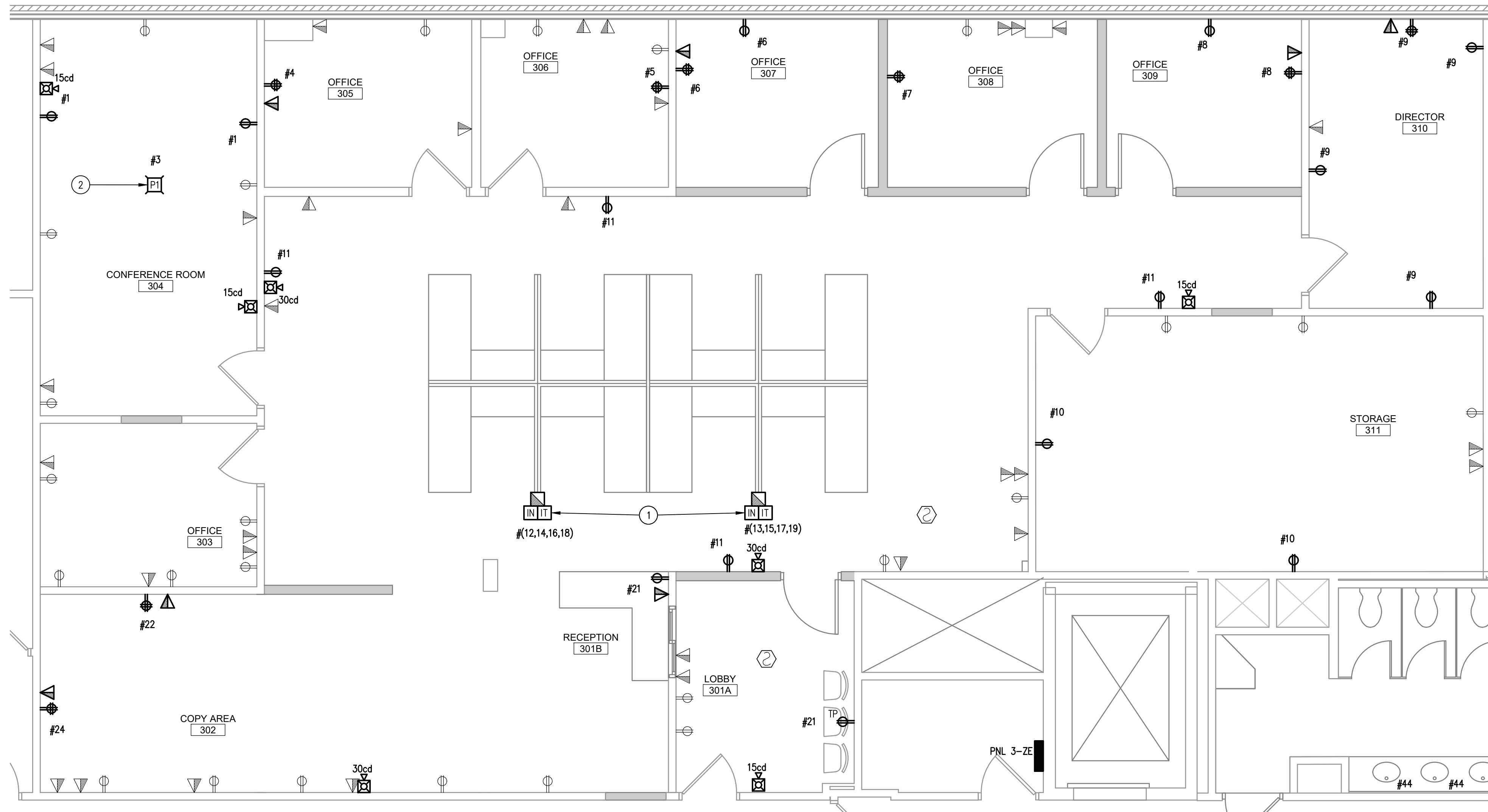
08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	DP
Checked by	JNB
Job No.	2191488
Drawing No.	

E-203

NETTAARCHITECTS
104 Route 22 West
New York, NY 10004
Phone: 878.379.0008
www.nettaarchitects.com
237 West 86th Street
New York, NY 10004
Phone: 212.777.2090
CERTIFICATE OF AUTHORIZATION AC-438



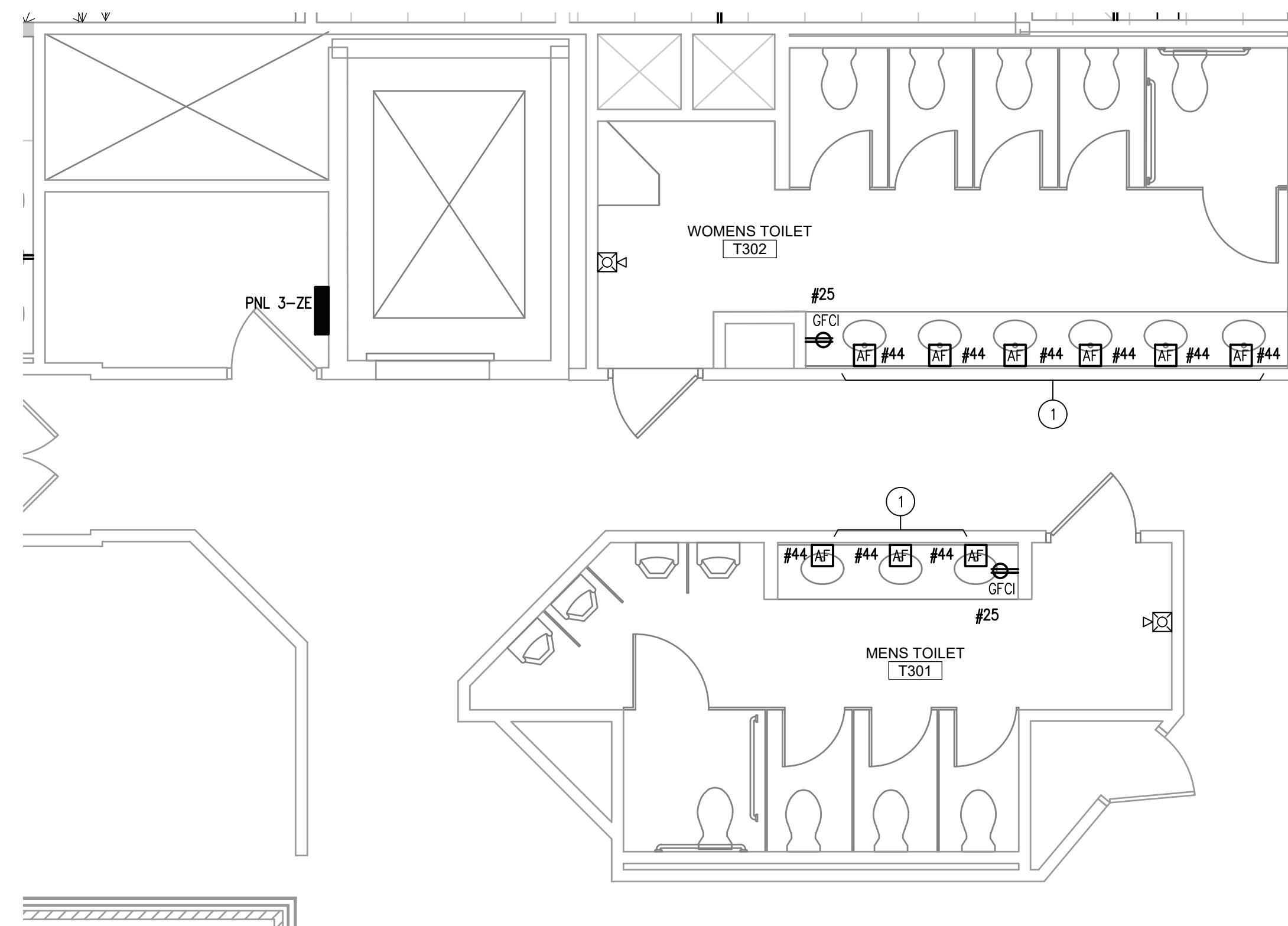
1 ELECTRICAL THIRD FLOOR BEHAVIORAL HEALTH POWER PLAN
1/4" = 1'-0"

GENERAL NOTES:

- ALL POWER IN SPACE SHALL BE DERIVED BY PANELBOARD 3-ZE UNLESS OTHERWISE NOTED.
- COORDINATE WITH DEMOLITION PLANS FOR RECEPTACLES TO REMAIN.
- ALL RECEPTACLES LABELED WITH "TP" SHALL BE OF TAMPER RESISTANT TYPE.

RESTROOM KEYED NOTES:

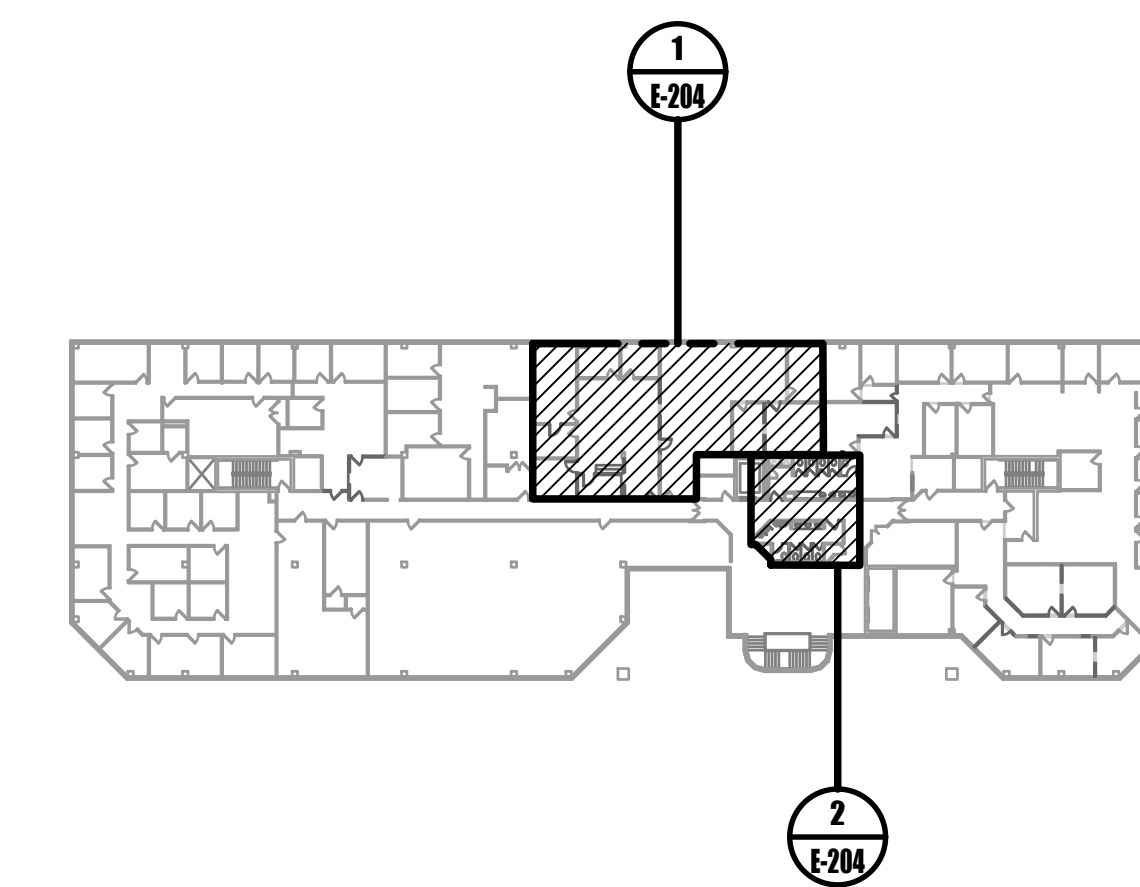
- PROVIDE POWER AND WIRING FOR AUTOMATIC FAUCET OR FLUSHOMETER FIXTURES. COORDINATE EXACT REQUIREMENTS WITH PLUMBING CONTRACTOR. REFER TO E-000 FOR MORE INFORMATION.



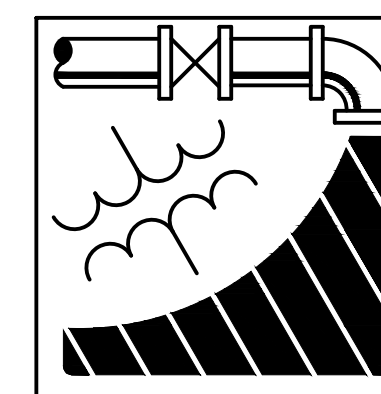
2 ELECTRICAL THIRD FLOOR RESTROOM POWER PLAN
1/4" = 1'-0"

BEHAVIORAL HEALTH KEYED NOTES:

- EMPLOYEE WORKSTATION RECEPTACLES SHALL BE FURNISHED WITH FURNITURE SYSTEM AND INSTALLED BY THE FURNITURE VENDOR. COORDINATE NUMBER OF RECEPTACLES PER WORKSTATION WITH FURNITURE VENDOR. REFER TO 3/E-202 FOR WIRING INFORMATION.
- PROVIDE 1" CONDUIT FOR POWER AND 1-1/4" CONDUIT FOR TELECOMMUNICATIONS IN SPACE ABOVE CEILING OF FLOOR BELOW. RUN CONDUIT FROM POKE THRU UP WALL TO SPACE ABOVE CEILING. FIELD COORDINATE EXACT ROUTING OF CONDUIT. REFER TO E-000 FOR MORE INFORMATION.



0 KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL THIRD FLOOR POWER PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

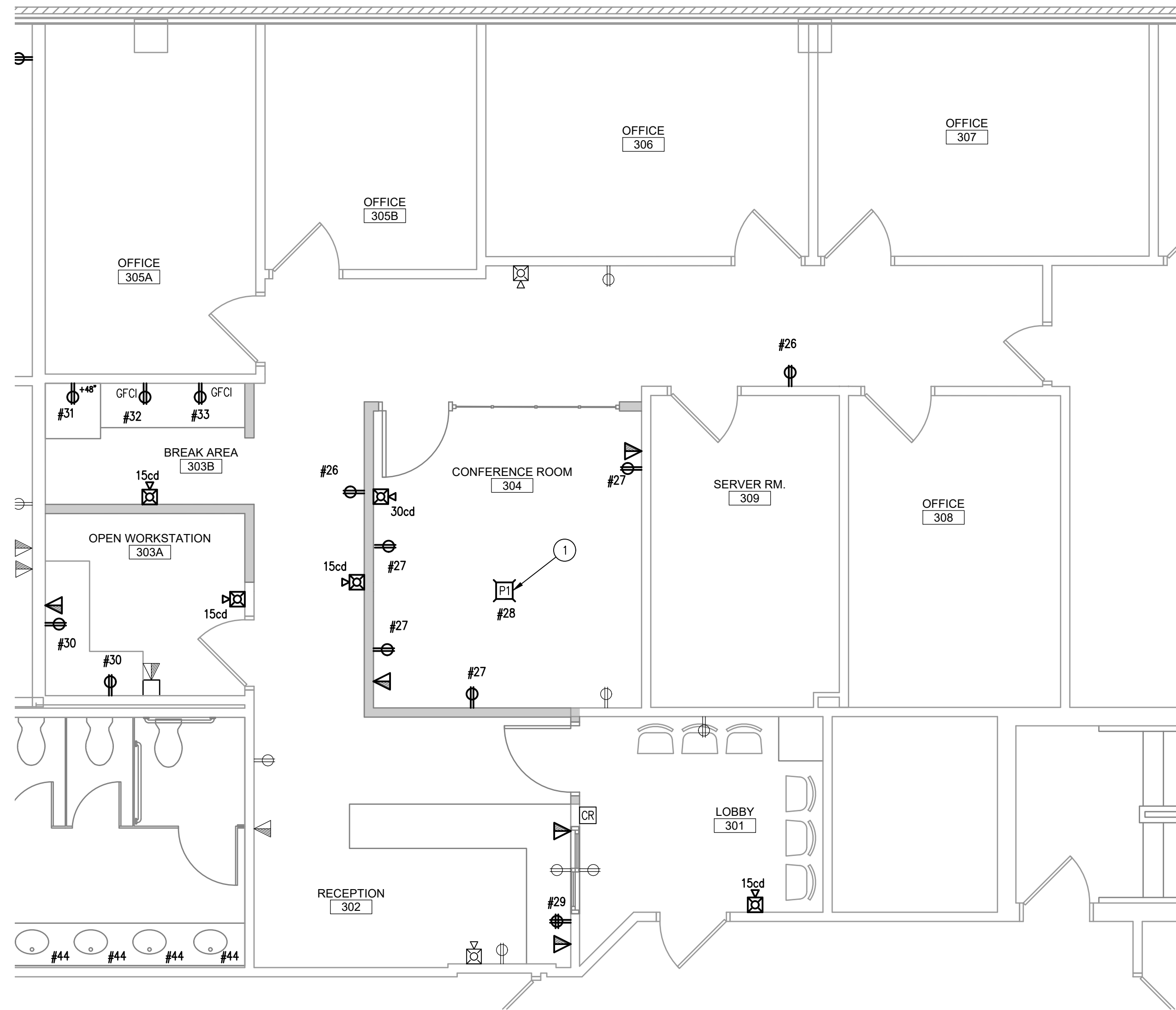
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	DP
Checked by	JNB
Job No.	2191488
Drawing No.	

E-204



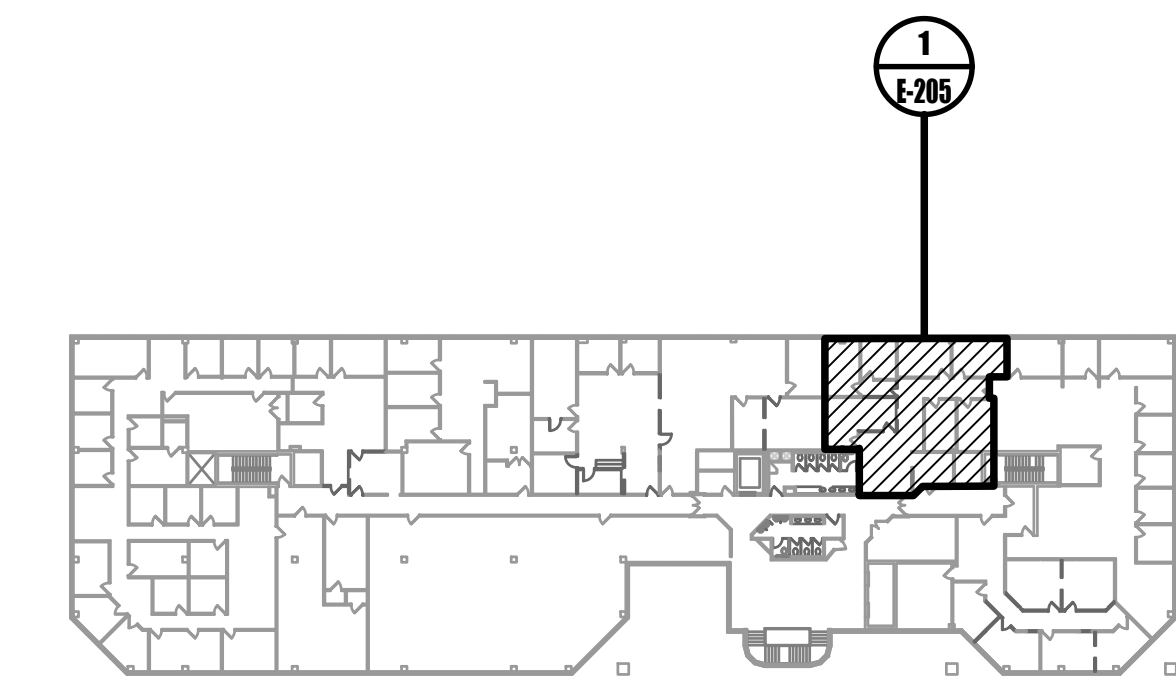
1 ELECTRICAL THIRD FLOOR VETERANS POWER PLAN
1/4" = 1'-0"

GENERAL NOTES:

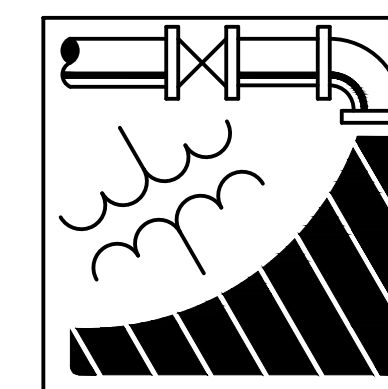
- ALL POWER IN SPACE SHALL BE DERIVED BY PANELBOARD 3-ZE UNLESS OTHERWISE NOTED.
- COORDINATE WITH DEMOLITION PLANS FOR RECEPTACLES TO REMAIN.

VETERANS KEYED NOTES:

- PROVIDE 1" CONDUIT FOR POWER AND 1-1/4" CONDUIT FOR TELECOMMUNICATIONS IN SPACE ABOVE CEILING OF FLOOR BELOW. RUN CONDUIT FROM POKE THRU UP WALL TO SPACE ABOVE CEILING. FIELD COORDINATE EXACT ROUTING OF CONDUIT. REFER TO E-000 FOR MORE INFORMATION.



0 KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

NETTA ARCHITECTS
104 Route 22 West, 2nd Floor
New York, NY 10004
Phone: 878.379.0008
www.nettaarchitects.com
237 West 86th Street
New York, NY 10004
Phone: 212.777.2090
CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.
These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:
ELECTRICAL THIRD FLOOR POWER PLAN

PROJECT TITLE:
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:
08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022
Scale AS SHOWN
Drawn by DP
Checked by JNB
Job No. 2191488
Drawing No.

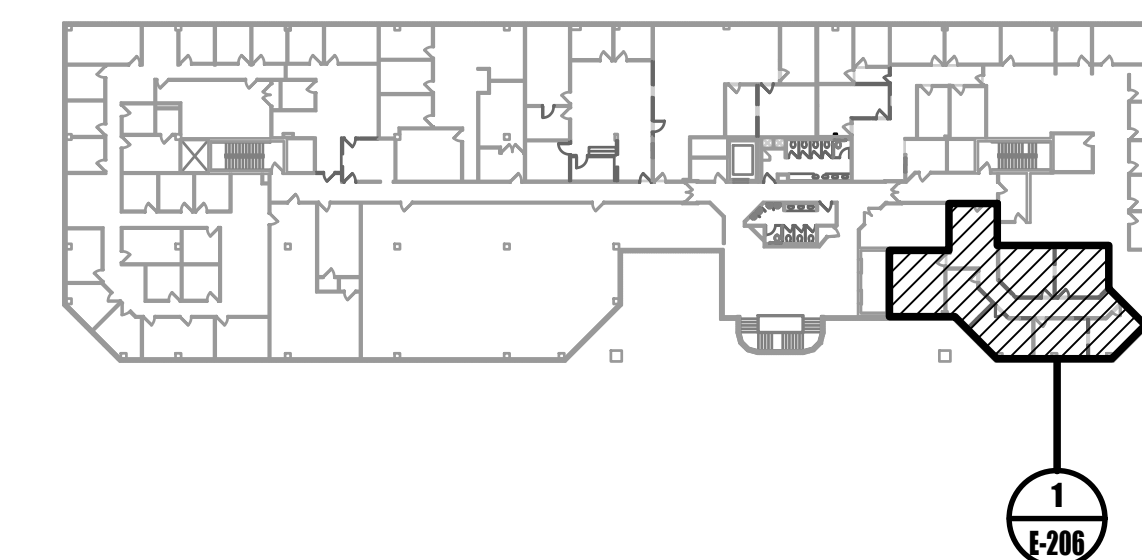
E-205



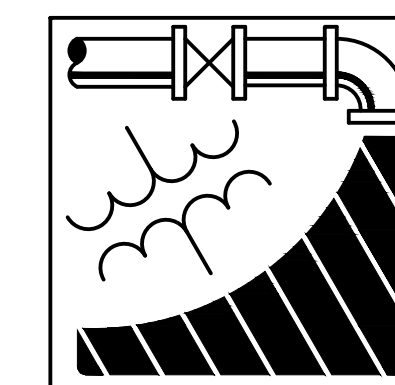
1 ELECTRICAL THIRD FLOOR HUMAN SERVICES POWER PLAN
 1/4" = 1'-0"

GENERAL NOTES:

1. ALL POWER IN SPACE SHALL BE DERIVED BY PANELBOARD 3-ZE UNLESS OTHERWISE NOTED.
2. COORDINATE WITH DEMOLITION PLANS FOR RECEPTACLES TO REMAIN.
3. ALL RECEPTACLES LABELED WITH 'TP' SHALL BE OF TAMPER RESISTANT TYPE.

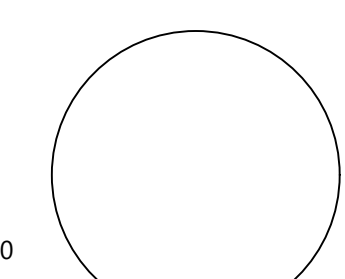


0 KEYPLAN
 NOT TO SCALE

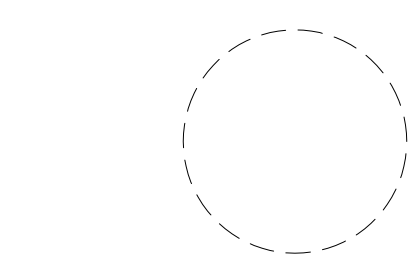


ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800



NETTA ARCHITECTS
 104 Route 22 West
 New York, NY 10004
 Phone: 878.379.0008
 www.nettaarchitects.com
 CERTIFICATE OF AUTHORIZATION AC-438
 237 West 86th Street
 New York, NY 10004
 Phone: 212.777.2090



NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL THIRD FLOOR POWER PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	DP
Checked by	JNB
Job No.	2191488
Drawing No.	

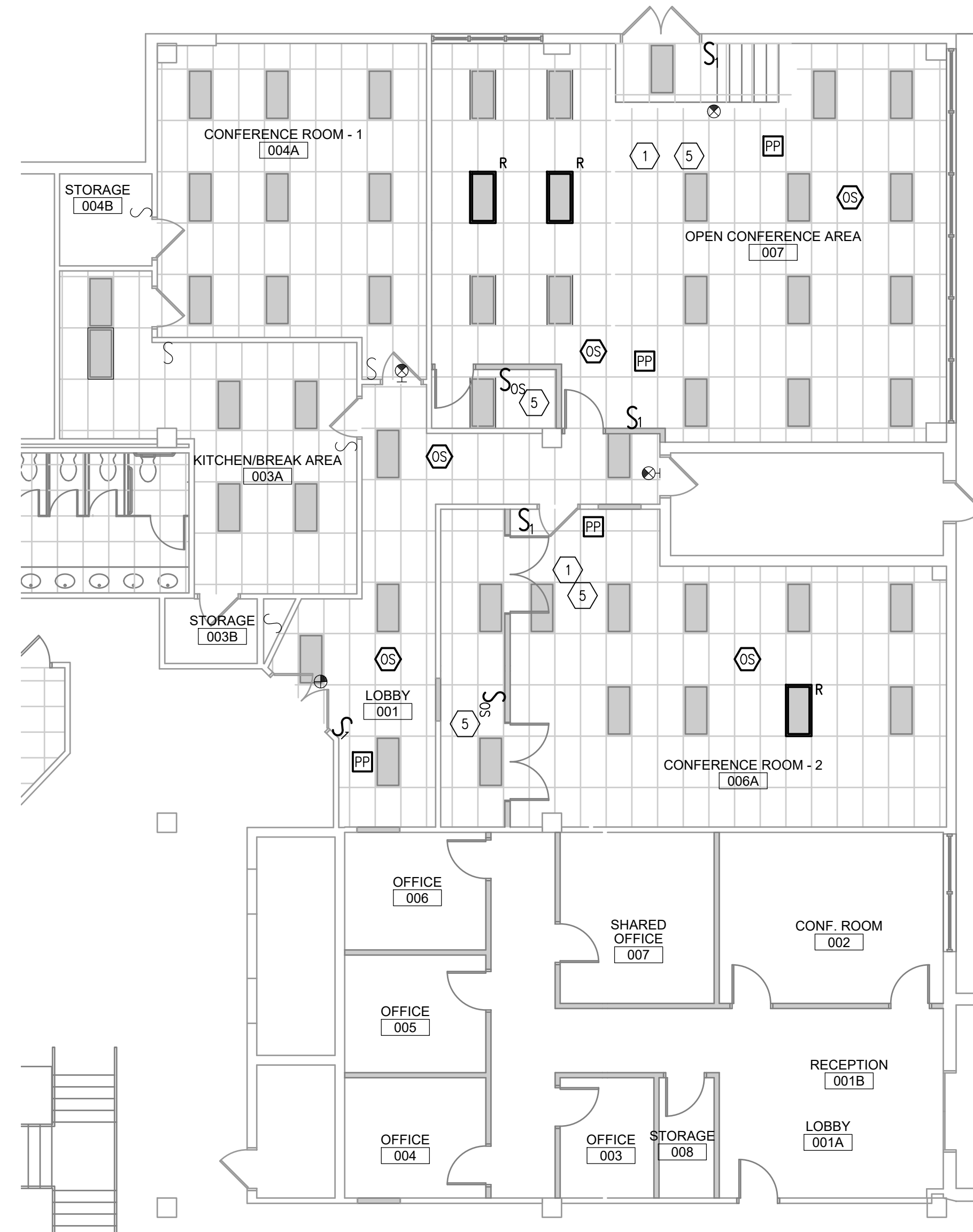
E-206



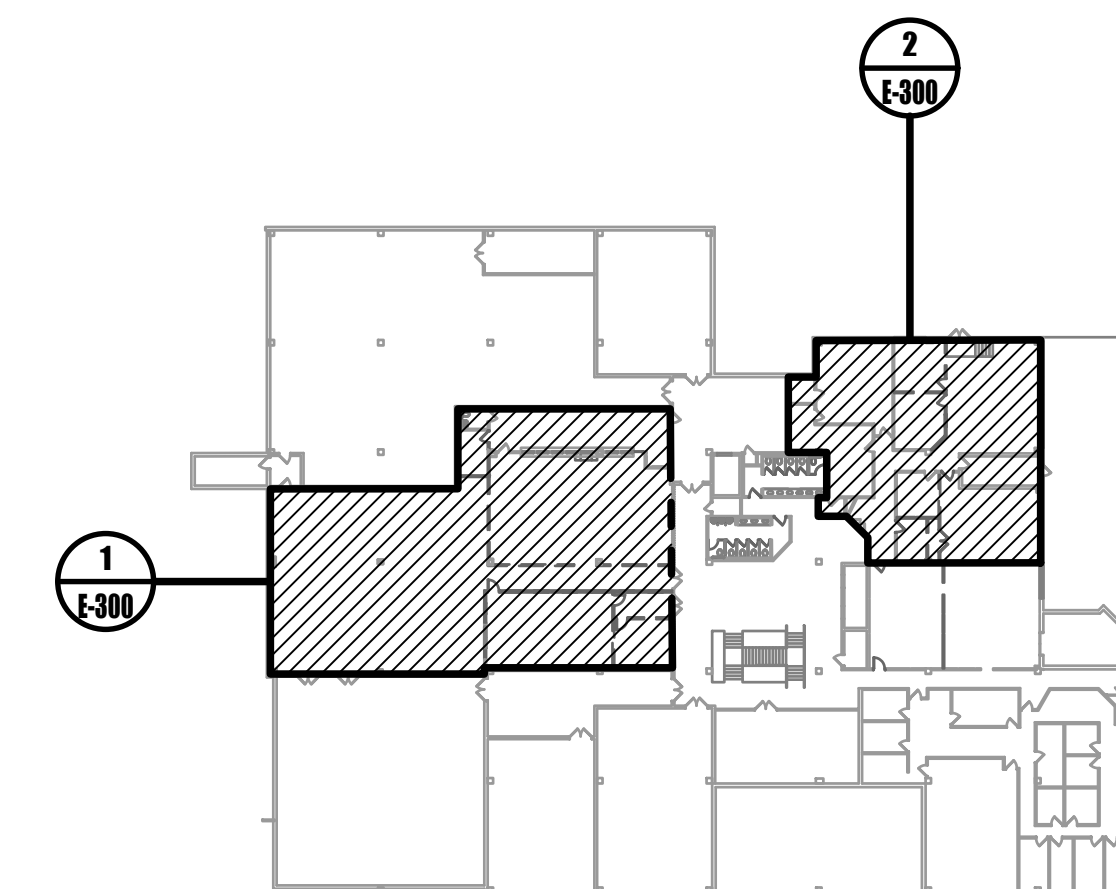
1 ELECTRICAL GROUND FLOOR INTERVIEW ROOM LIGHTING PLAN
1/8" = 1'-0"

GENERAL NOTES:

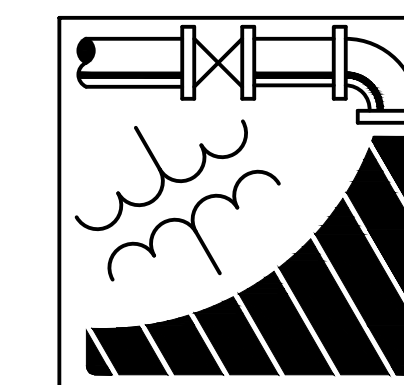
1. ALL POWER IN SPACE SHALL BE DERIVED BY PANELBOARD B-2E UNLESS OTHERWISE NOTED.
2. ALL LIGHT FIXTURES WITH DESIGNATION 'R' ARE RELOCATED EXISTING LIGHTS. COORDINATE WITH DEMOLITION PLAN FOR QUANTITIES.
3. ALL RELOCATED LIGHT FIXTURES AND NEW EXIT SIGNS SHALL BE CIRCUITED TO EXISTING LIGHTING BRANCH CIRCUITRY UNLESS OTHERWISE NOTED. CONTRACTOR SHALL CONFIRM THAT EXISTING CIRCUIT HAS ENOUGH CAPACITY FOR RELOCATED FIXTURES AND NEW EXIT SIGNS. MODIFY AND EXTEND BRANCH CIRCUITRY AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
4. EXISTING EM LIGHTING TO REMAIN.



2 ELECTRICAL GROUND FLOOR CONFERENCE CENTER LIGHTING PLAN
1/8" = 1'-0"



0 KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

NETTAARCHITECTS
1048 Route 22 West
New York, NY 10004
Phone: 878.379.0008
www.nettaarchitects.com
Phone: 212.777.2090
CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL GROUND FLOOR LIGHTING PLAN

PROJECT TITLE:

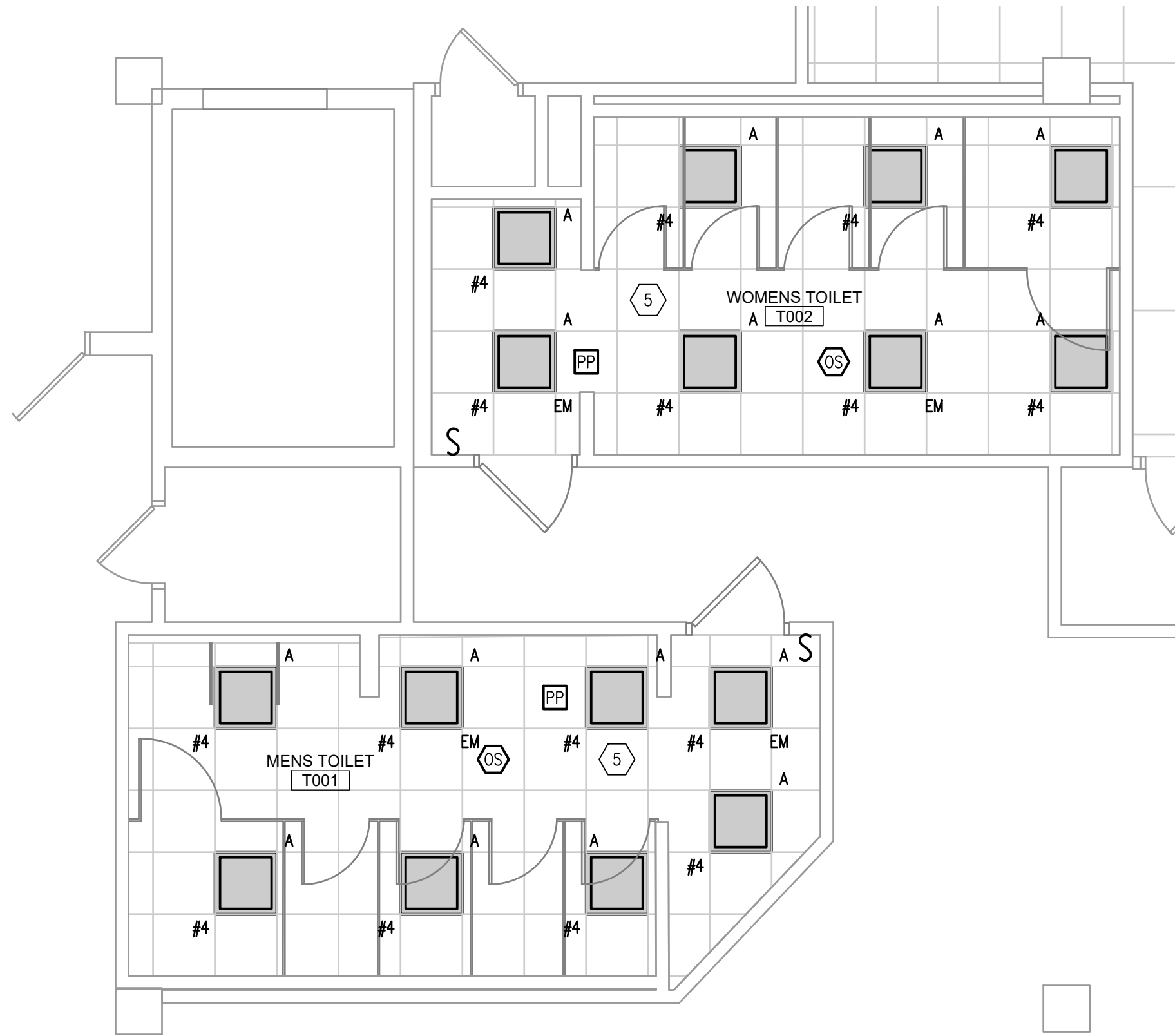
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:
08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022
Scale AS SHOWN
Drawn by DP
Checked by JNB
Job No. 2191488
Drawing No.

E-300



3 ELECTRICAL GROUND FLOOR RESTROOM LIGHTING PLAN
 1/4" = 1'-0"

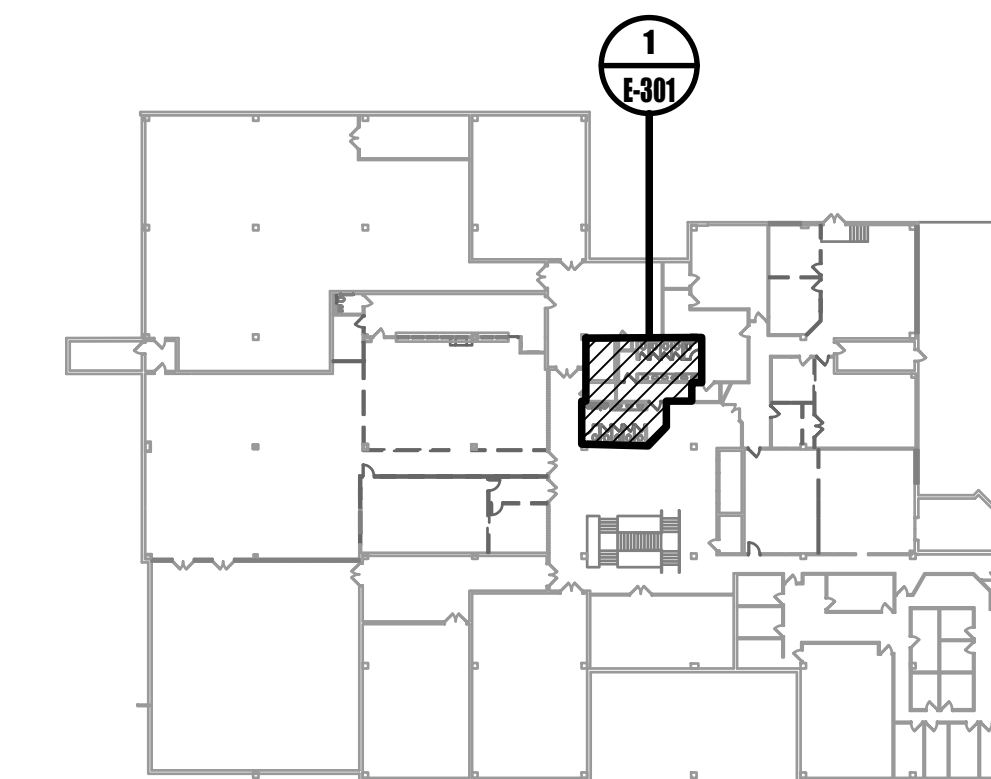
GENERAL NOTES:

1. ALL POWER IN SPACE SHALL BE DERIVED BY PANELBOARD B-ZE UNLESS OTHERWISE NOTED.
2. ALL LIGHT FIXTURES WITH DESIGNATION "R" ARE RELOCATED EXISTING LIGHTS. COORDINATE WITH DEMOLITION PLAN FOR QUANTITIES.
3. ALL RELOCATED LIGHT FIXTURES AND NEW EXIT SIGNS SHALL BE CIRCUITED TO EXISTING LIGHTING BRANCH CIRCUITRY UNLESS OTHERWISE NOTED. CONTRACTOR SHALL CONFIRM THAT EXISTING CIRCUIT HAS ENOUGH CAPACITY FOR RELOCATED FIXTURES AND NEW EXIT SIGNS. MODIFY AND EXTEND BRANCH CIRCUITRY AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
4. EXISTING EM LIGHTING TO REMAIN.

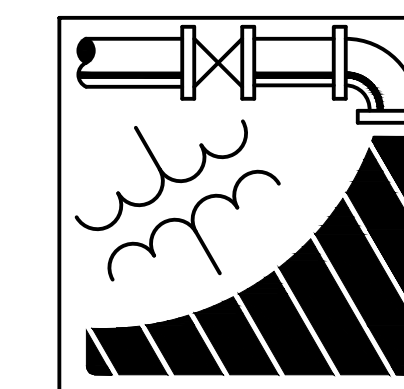
LIGHTING FIXTURE SCHEDULE									
TAG/SYMBOL	BASIS OF DESIGN		DESCRIPTION	VOLTAGE	WATTS	LUMENS	CRI/TEMP.	GENERAL NOTES: 2,3	
	MAKE	MODEL							
A	RAB LIGHTING	SWISH2X2-19N/D10	2'X2' LED TROFFER	120V	19	2776	85/4000K	NOTES -	
A	RAB LIGHTING	SWISH2X2-19N/D10/E2	2'X2' LED TROFFER WITH INTEGRAL BATTERY BACKUP	120V	19	2776	85/4000K	NOTE 4	
B	RAB LIGHTING	SWISH2X4-39N/D10	2'X4' LED TROFFER	120V	39	5436	85/4000K	NOTES -	
B	RAB LIGHTING	SWISH2X4-39N/D10/E2	2'X4' LED TROFFER WITH INTEGRAL BATTERY BACKUP	120V	39	5436	85/4000K	NOTE 4	
R	N/A	N/A	RELOCATED 2'X2' TROFFER	120V	N/A	N/A	N/A	NOTES -	
R	N/A	N/A	RELOCATED 2'X4' TROFFER	120V	N/A	N/A	N/A	NOTES -	
	DUALITE	EVE-U-R-W-I	EXIT SIGN WITH INTEGRAL BATTERY PACK	120V	4.5	N/A	N/A	NOTE 1	

LIGHTING FIXTURE SCHEDULE NOTES:

1. PROVIDE EXIT SIGN WITH ILLUMINATED FACES BASED ON SHADED QUADRANTS. PROVIDE ARROWS AS REQUIRED. INTEGRAL BATTERY SHALL PROVIDE FOR AT LEAST 90 MINUTE ILLUMINATION UPON FAILURE OF POWER.
2. PROVIDE ALL NECESSARY MOUNTING HARDWARE, COMPONENTS, AND LED DRIVERS.
3. PROJECT TO INCLUDE MULTIPLE CEILING AND TILE TYPES. COORDINATE FIXTURE MOUNTING WITH CEILING SHOP DRAWINGS.
4. FOR FIXTURES WITH DESIGNATION "EM", PROVIDE EMERGENCY BATTERY OPTION "E2". PROVIDE UNSWITCHED BRANCH CIRCUITRY FROM LIGHTING BRANCH CIRCUIT SERVING FIXTURE AS REQUIRED. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER.

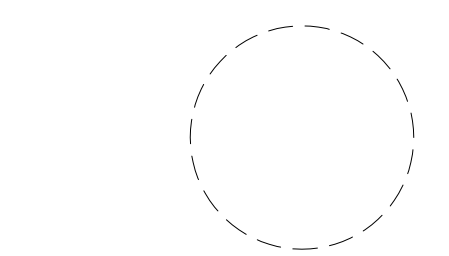
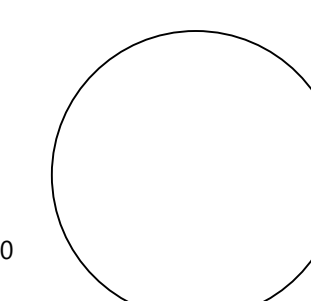


0 KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800



NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541
 FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118
 MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160
 LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL GROUND FLOOR LIGHTING PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

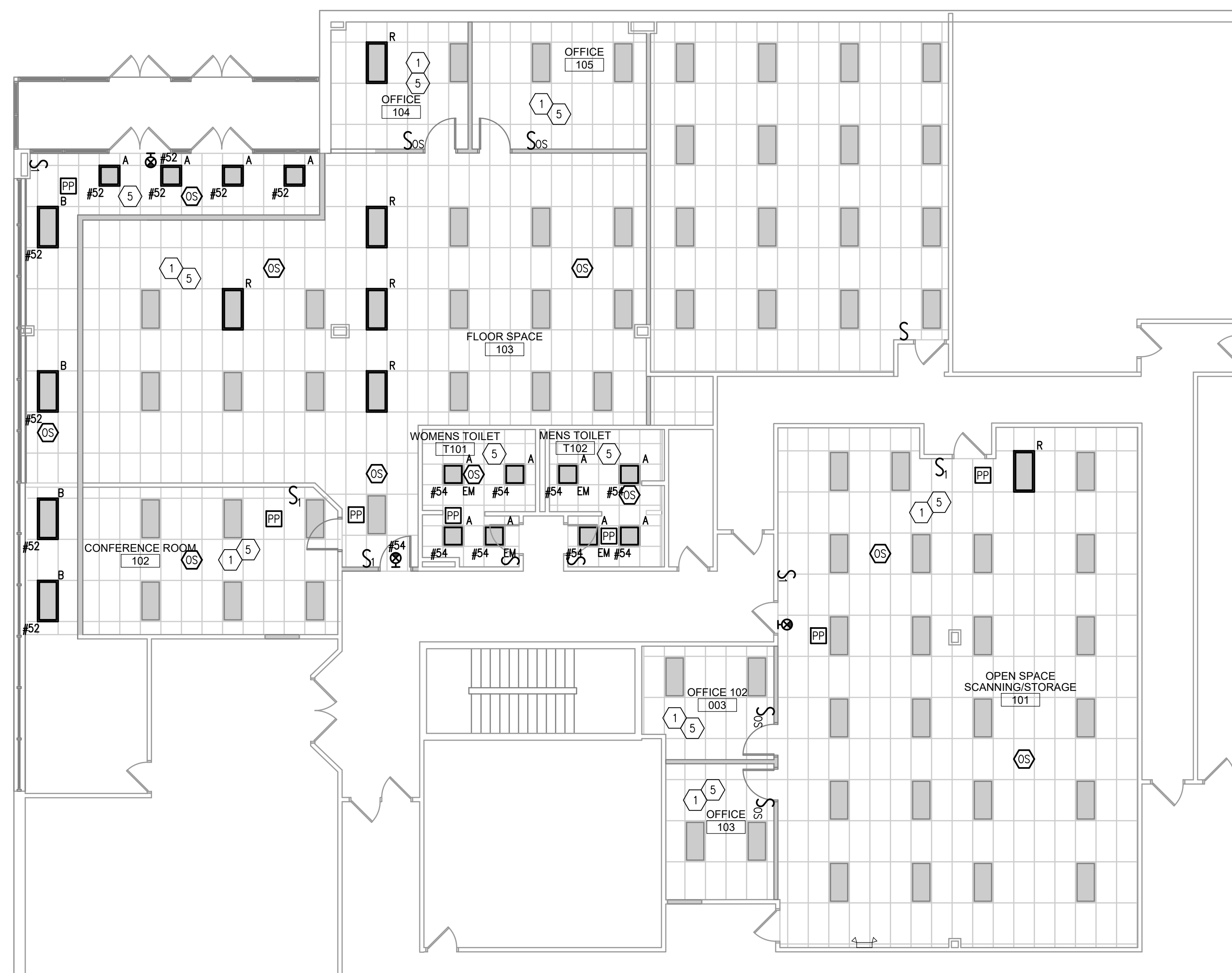
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022
 Scale AS SHOWN
 Drawn by DP
 Checked by JNB
 Job No. 2191488
 Drawing No.

E-301



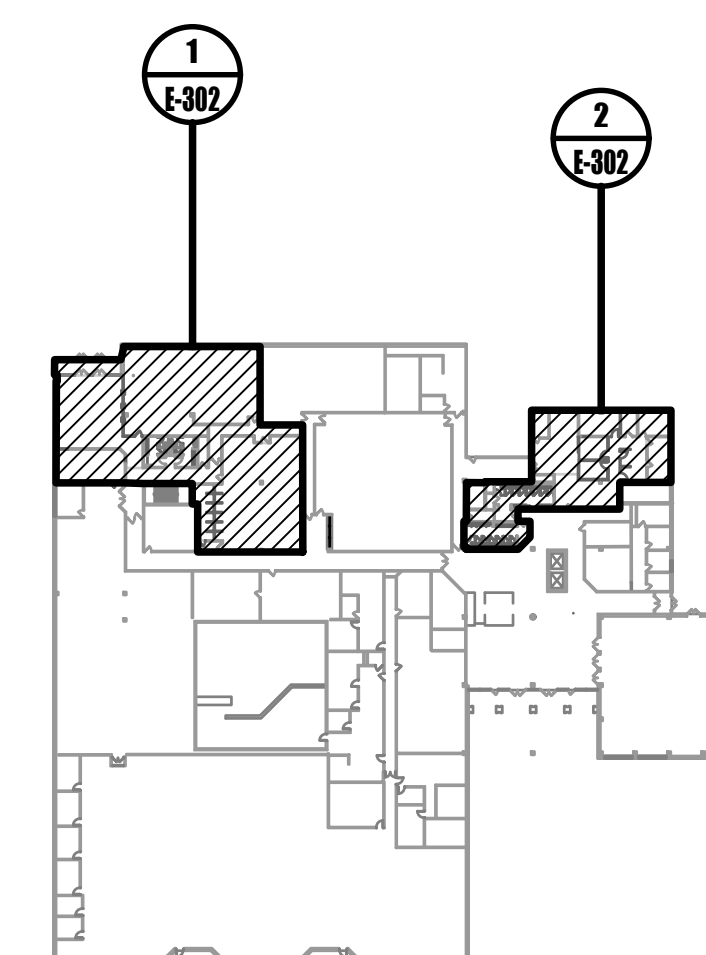
1 ELECTRICAL FIRST FLOOR WORK FIRST/DIMMS LIGHTING PLAN
1/8" = 1'-0"

GENERAL NOTES:

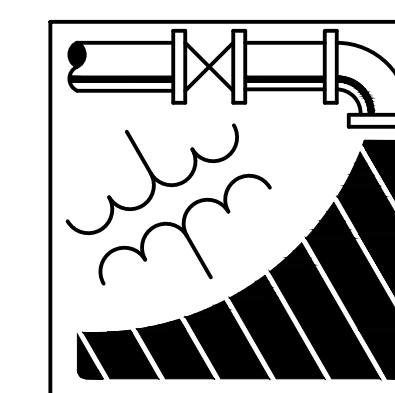
- ALL POWER IN SPACE SHALL BE DERIVED BY PANELBOARD 1-ZE UNLESS OTHERWISE NOTED.
- ALL LIGHT FIXTURES WITH DESIGNATION 'R' ARE RELOCATED EXISTING LIGHTS. COORDINATE WITH DEMOLITION PLAN FOR QUANTITIES.
- ALL RELOCATED LIGHT FIXTURES AND NEW EXIT SIGNS SHALL BE CIRCUITED TO EXISTING LIGHTING BRANCH CIRCUITRY UNLESS OTHERWISE NOTED. CONTRACTOR SHALL CONFIRM THAT EXISTING CIRCUIT HAS ENOUGH CAPACITY FOR RELOCATED FIXTURES AND NEW EXIT SIGNS. MODIFY AND EXTEND BRANCH CIRCUITRY AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- EXISTING EM LIGHTING TO REMAIN.



2 ELECTRICAL FIRST FLOOR AGING & DISABILITY LIGHTING PLAN
1/8" = 1'-0"

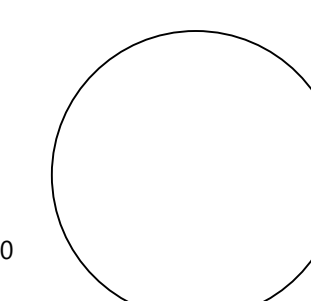


0 KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

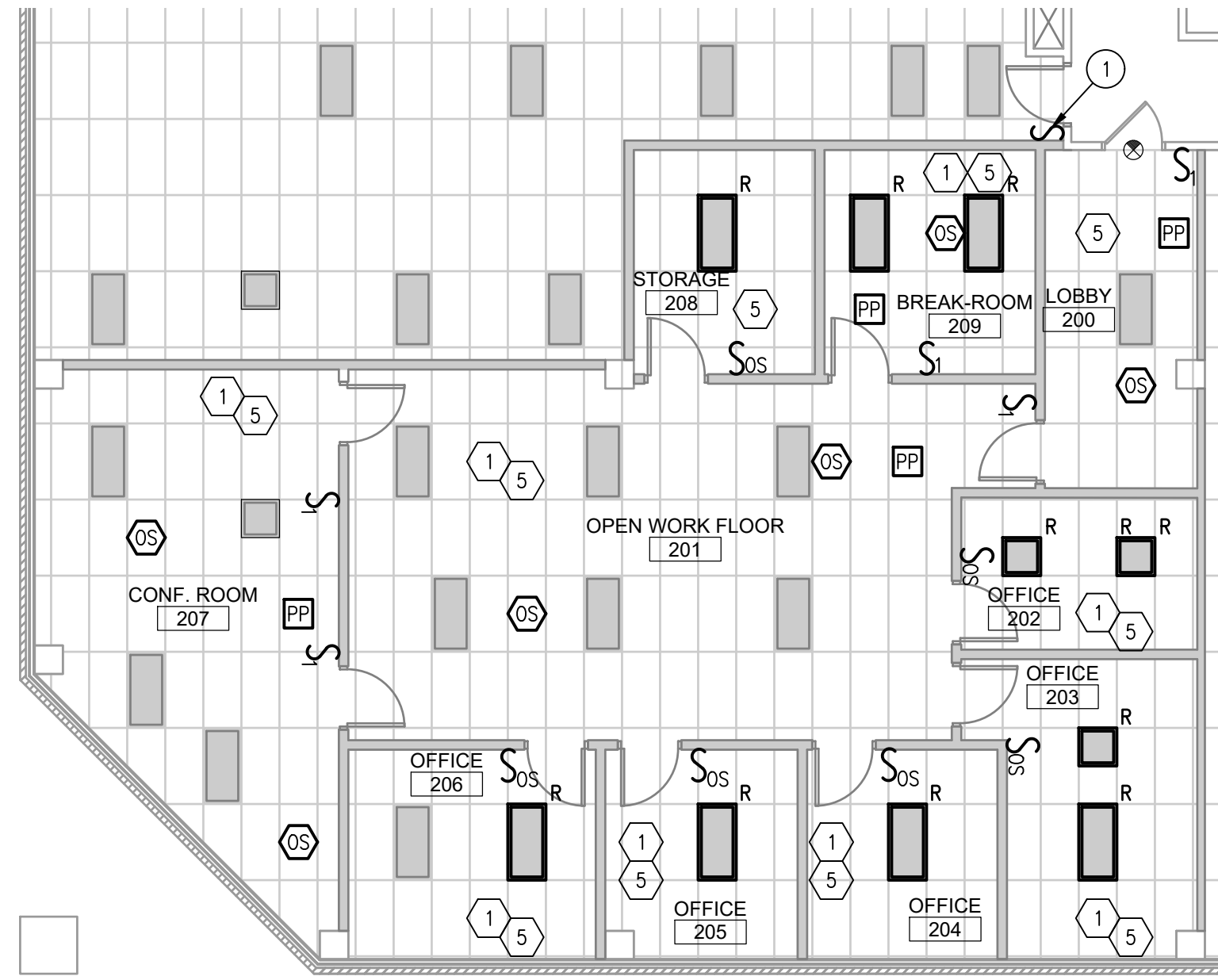
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	DP
Checked by	JNB
Job No.	2191488
Drawing No.	

E-302



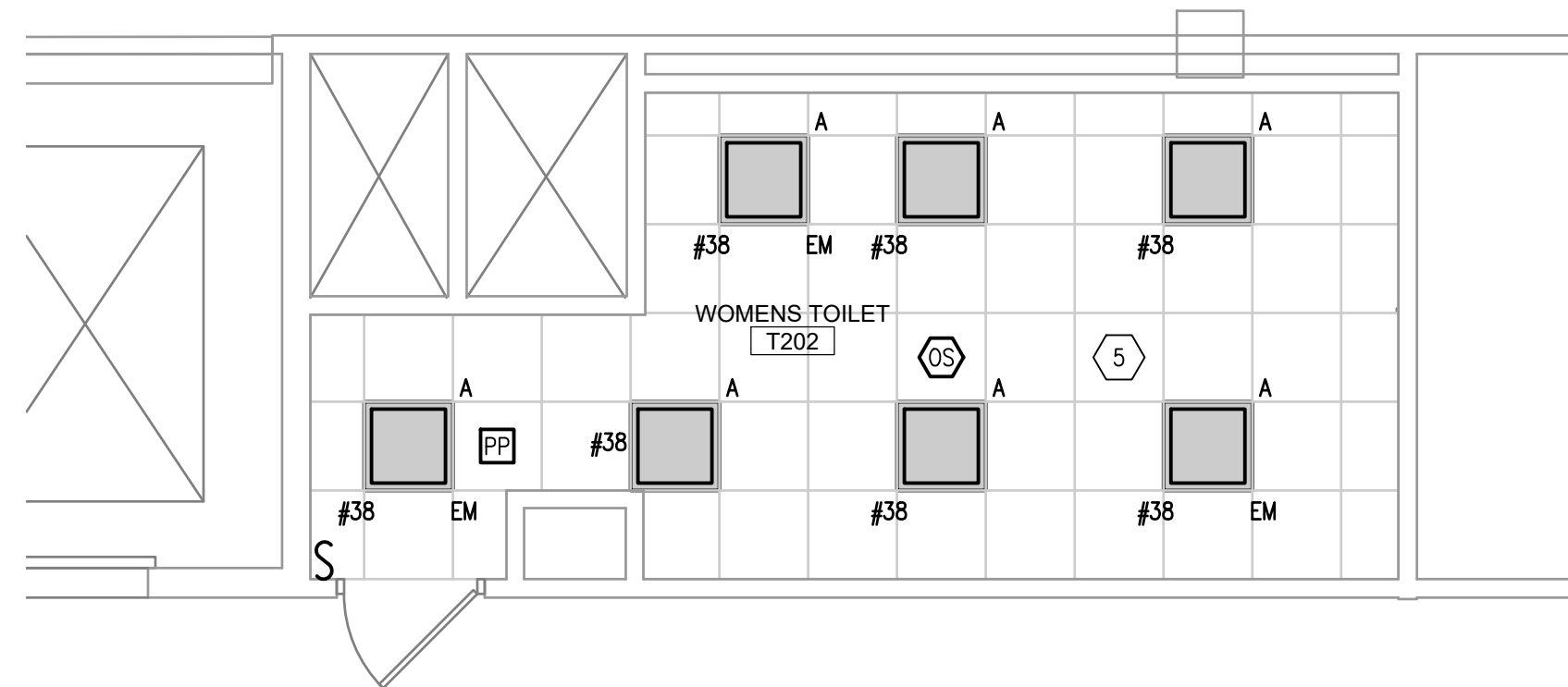
1 ELECTRICAL SECOND FLOOR SUPERINTENDENT LIGHTING PLAN
1/8" = 1'-0"

GENERAL NOTES:

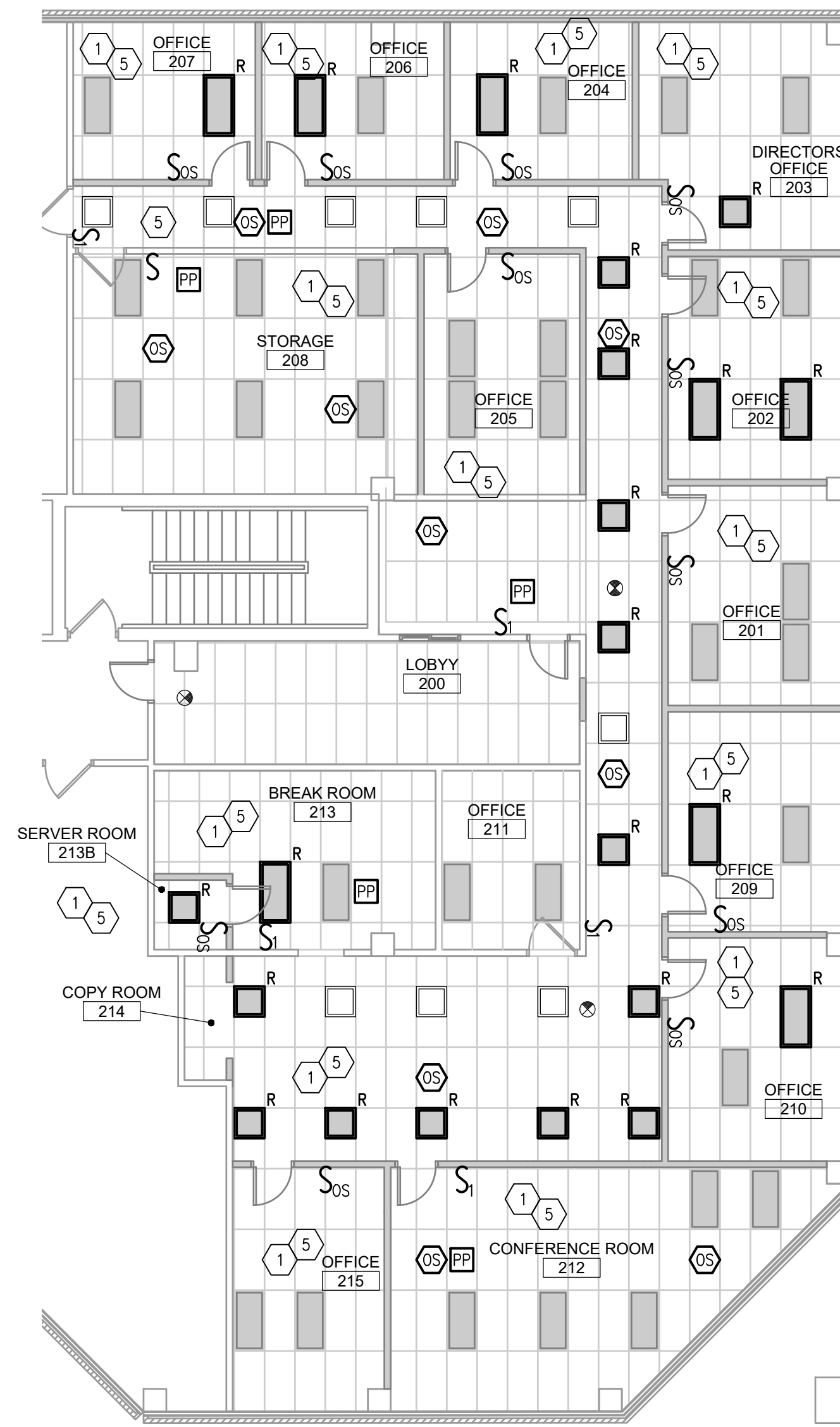
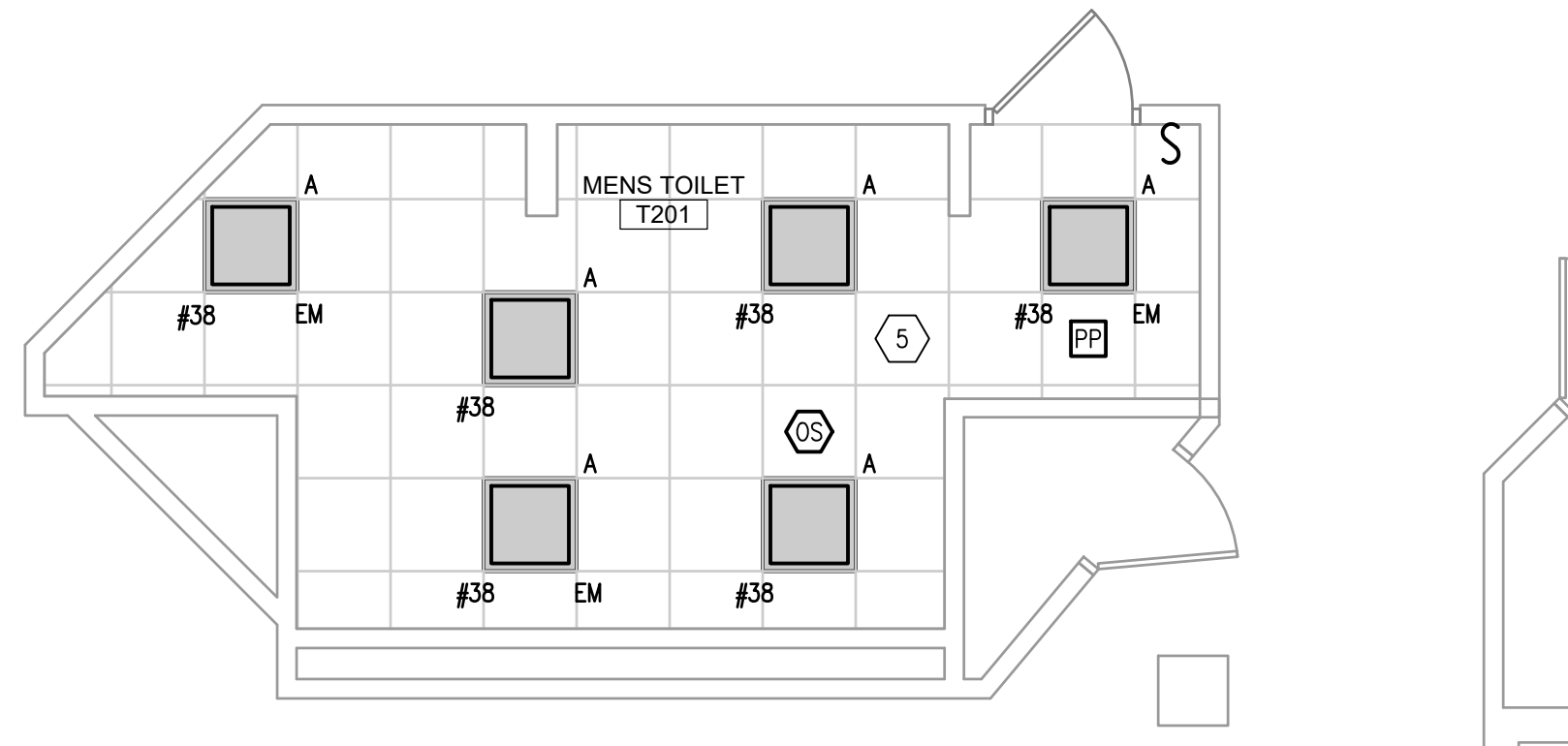
1. ALL POWER IN SPACE SHALL BE DERIVED BY PANELBOARD 2-ZE UNLESS OTHERWISE NOTED.
2. ALL LIGHT FIXTURES WITH DESIGNATION 'R' ARE RELOCATED EXISTING LIGHTS. COORDINATE WITH DEMOLITION PLAN FOR QUANTITIES.
3. ALL RELOCATED LIGHT FIXTURES AND NEW EXIT SIGNS SHALL BE CIRCUITED TO EXISTING LIGHTING BRANCH CIRCUITRY UNLESS OTHERWISE NOTED. CONTRACTOR SHALL CONFIRM THAT EXISTING CIRCUIT HAS ENOUGH CAPACITY FOR RELOCATED FIXTURES AND NEW EXIT SIGNS. MODIFY AND EXTEND BRANCH CIRCUITRY AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
4. EXISTING EM LIGHTING TO REMAIN.

SUPERINTENDENT KEYED NOTES:

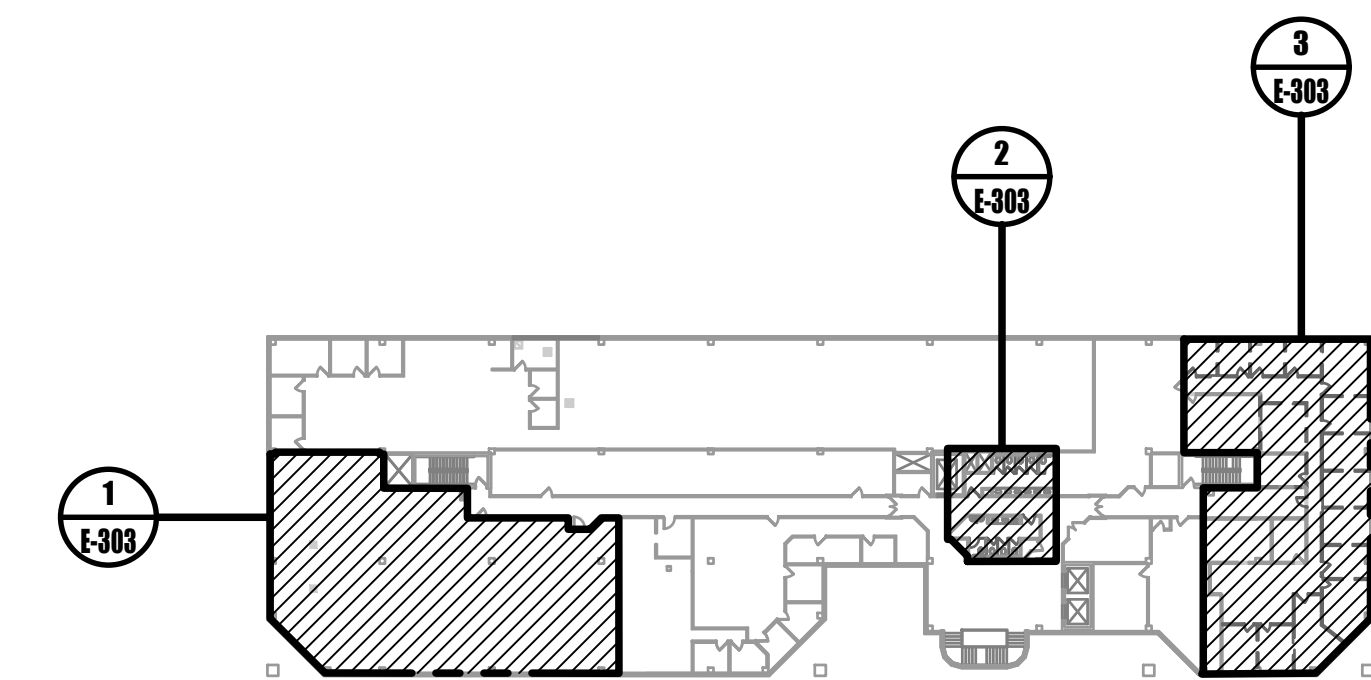
- 1 PROVIDE SNAP SWITCH IN SPACE TO CONTROL LIGHT FIXTURES WITHIN SPACE UNLESS OTHERWISE NOTED.



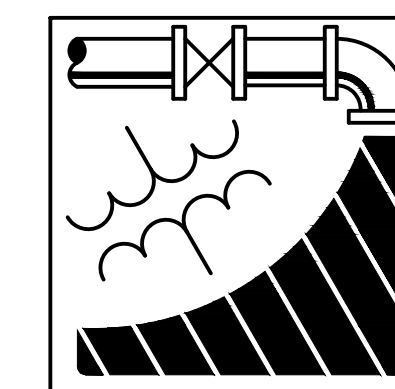
3 ELECTRICAL SECOND FLOOR RESTROOM LIGHTING PLAN
1/4" = 1'-0"



2 ELECTRICAL SECOND FLOOR COMMUNITY DEVELOPMENT LIGHTING PLAN
1/8" = 1'-0"

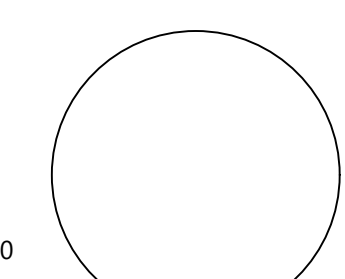


0 KEYPLAN
NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NETTAARCHITECTS
104 Route 22 West
New York, NY 10004
Phone: 973.379.0006
www.nettaarchitects.com
237 West 86th Street
New York, NY 10004
Phone: 212.777.2090
CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL SECOND FLOOR LIGHTING PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

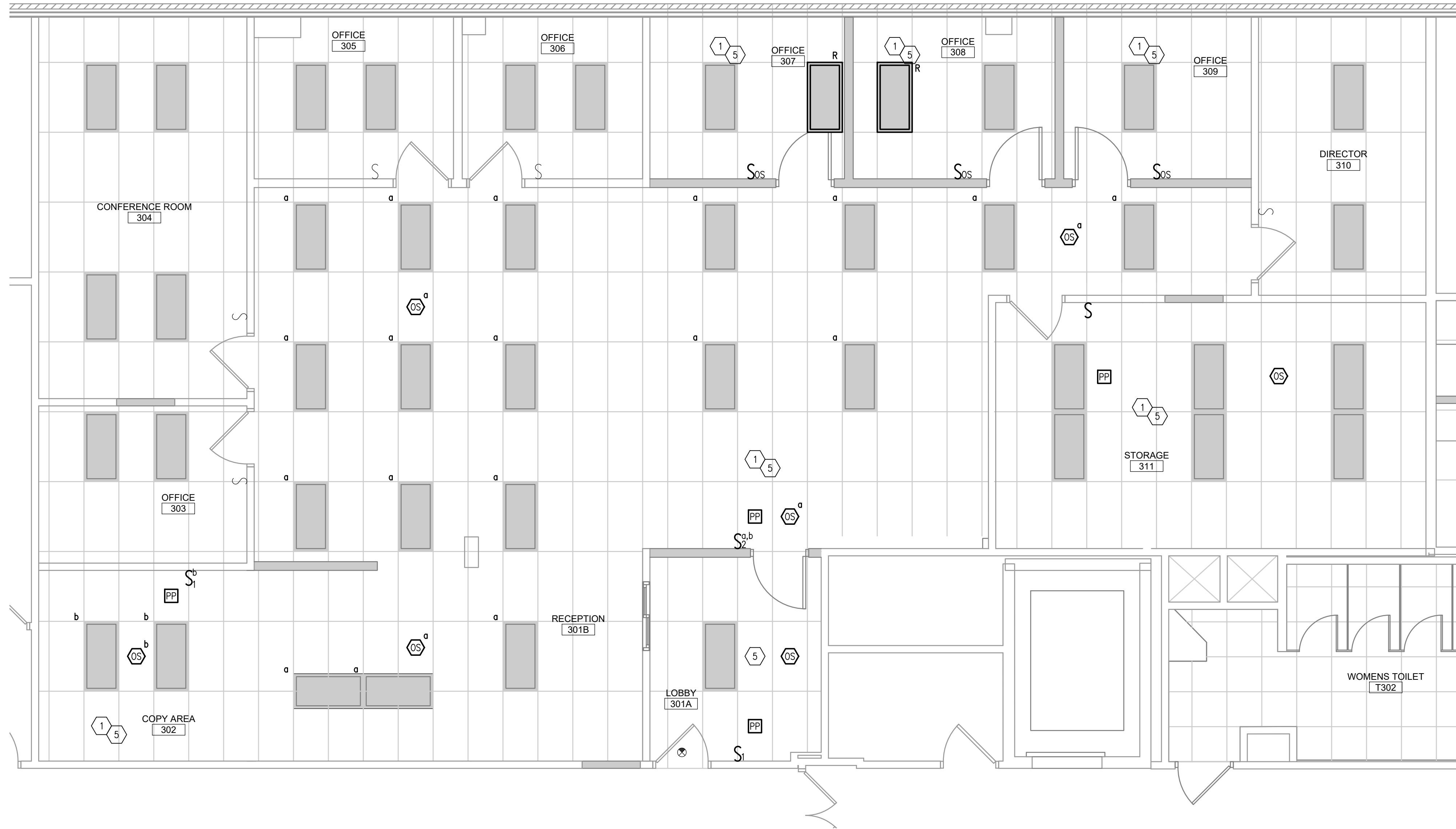
SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	DP
Checked by	JNB
Job No.	2191488
Drawing No.	

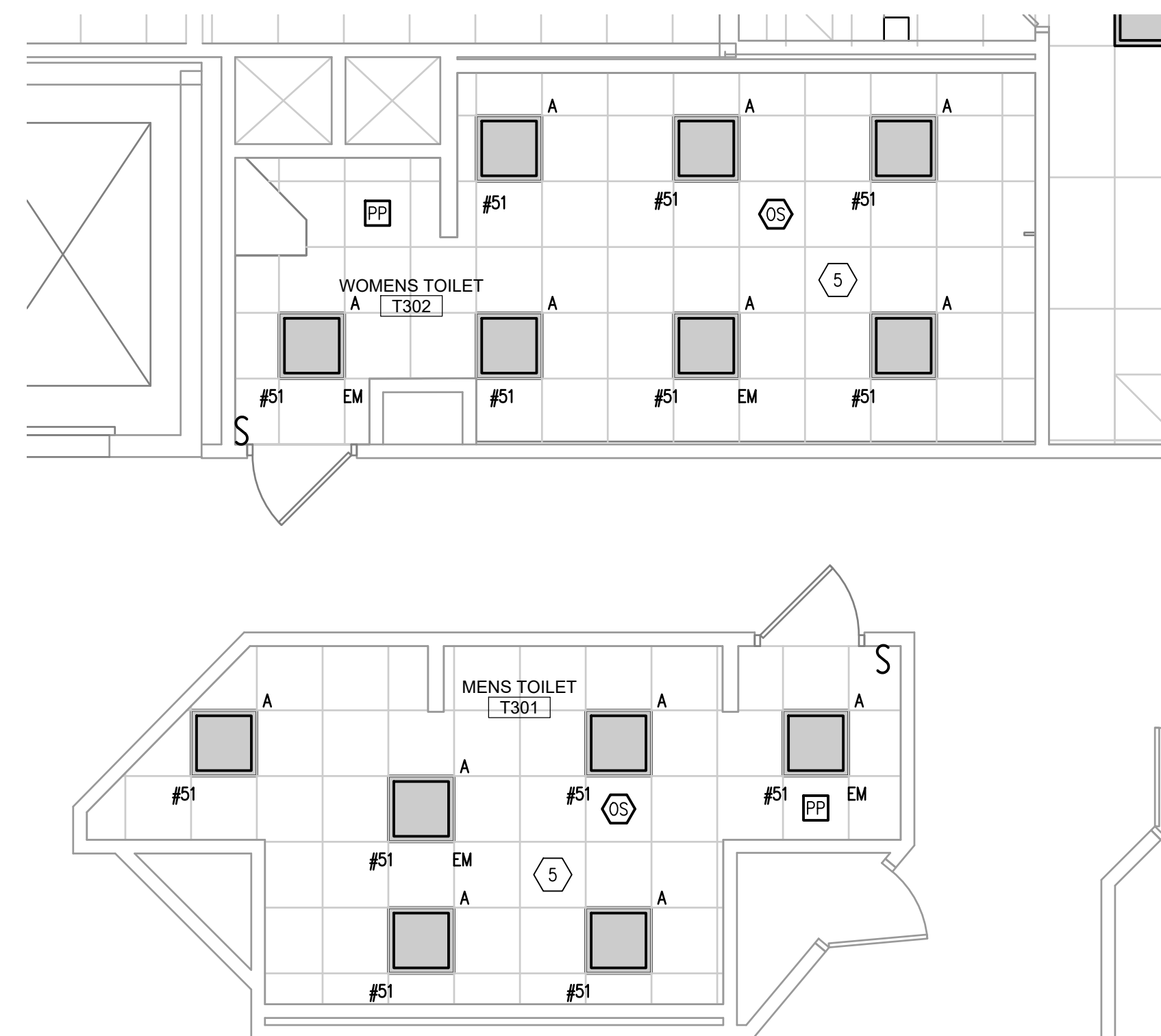
E-303



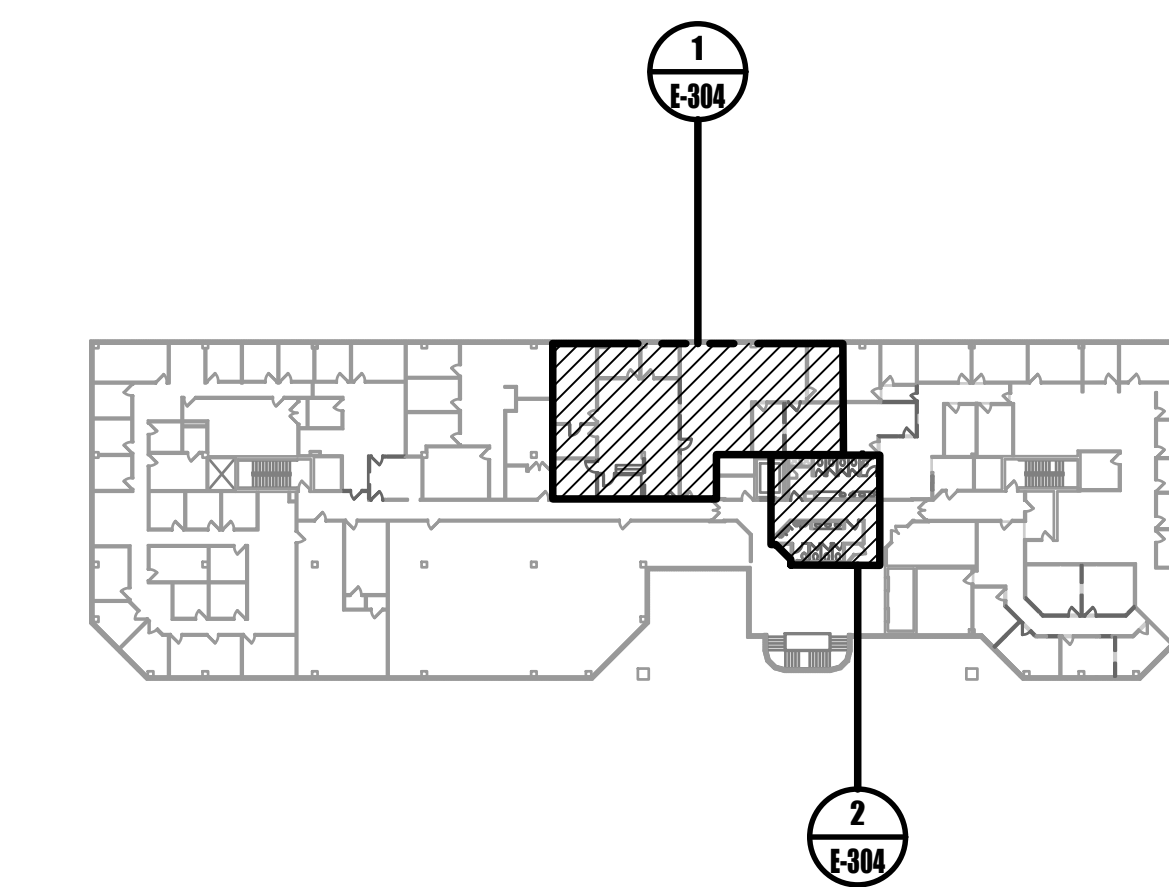
1 ELECTRICAL THIRD FLOOR BEHAVIORAL HEALTH LIGHTING PLAN
1/4" = 1'-0"

GENERAL NOTES:

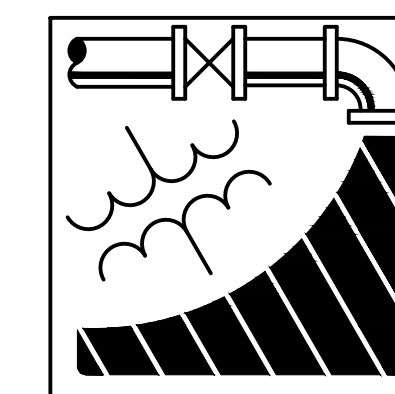
- ALL POWER IN SPACE SHALL BE DERIVED BY PANELBOARD 3-ZE UNLESS OTHERWISE NOTED.
- ALL LIGHT FIXTURES WITH DESIGNATION 'R' ARE RELOCATED EXISTING LIGHTS. COORDINATE WITH DEMOLITION PLAN FOR QUANTITIES.
- ALL RELOCATED LIGHT FIXTURES AND NEW EXIT SIGNS SHALL BE CIRCUITED TO EXISTING LIGHTING BRANCH CIRCUITRY UNLESS OTHERWISE NOTED. CONTRACTOR SHALL CONFIRM THAT EXISTING CIRCUIT HAS ENOUGH CAPACITY FOR RELOCATED FIXTURES AND NEW EXIT SIGNS. MODIFY AND EXTEND BRANCH CIRCUITRY AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- EXISTING EM LIGHTING TO REMAIN.



2 ELECTRICAL THIRD FLOOR RESTROOM LIGHTING PLAN
1/4" = 1'-0"

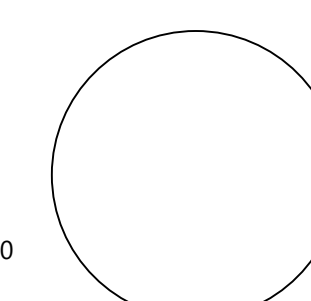


0 KEYPLAN
NOT TO SCALE

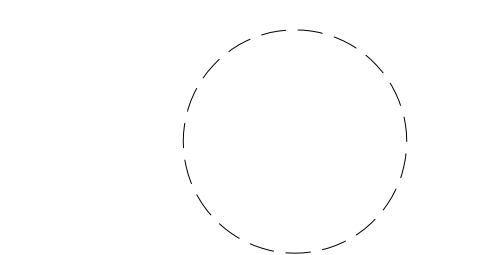


ENGINEERING DRIVEN DESIGN PC
555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800



NETTA ARCHITECTS
1044 Route 22 West, 2nd Floor
New York, NY 10004
Phone: 878.370.0006
www.nettaarchitects.com
CERTIFICATE OF AUTHORIZATION AC-438
237 West 68th Street
New York, NY 10024
Phone: 212.777.2090



NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.
These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:
ELECTRICAL THIRD FLOOR LIGHTING PLAN

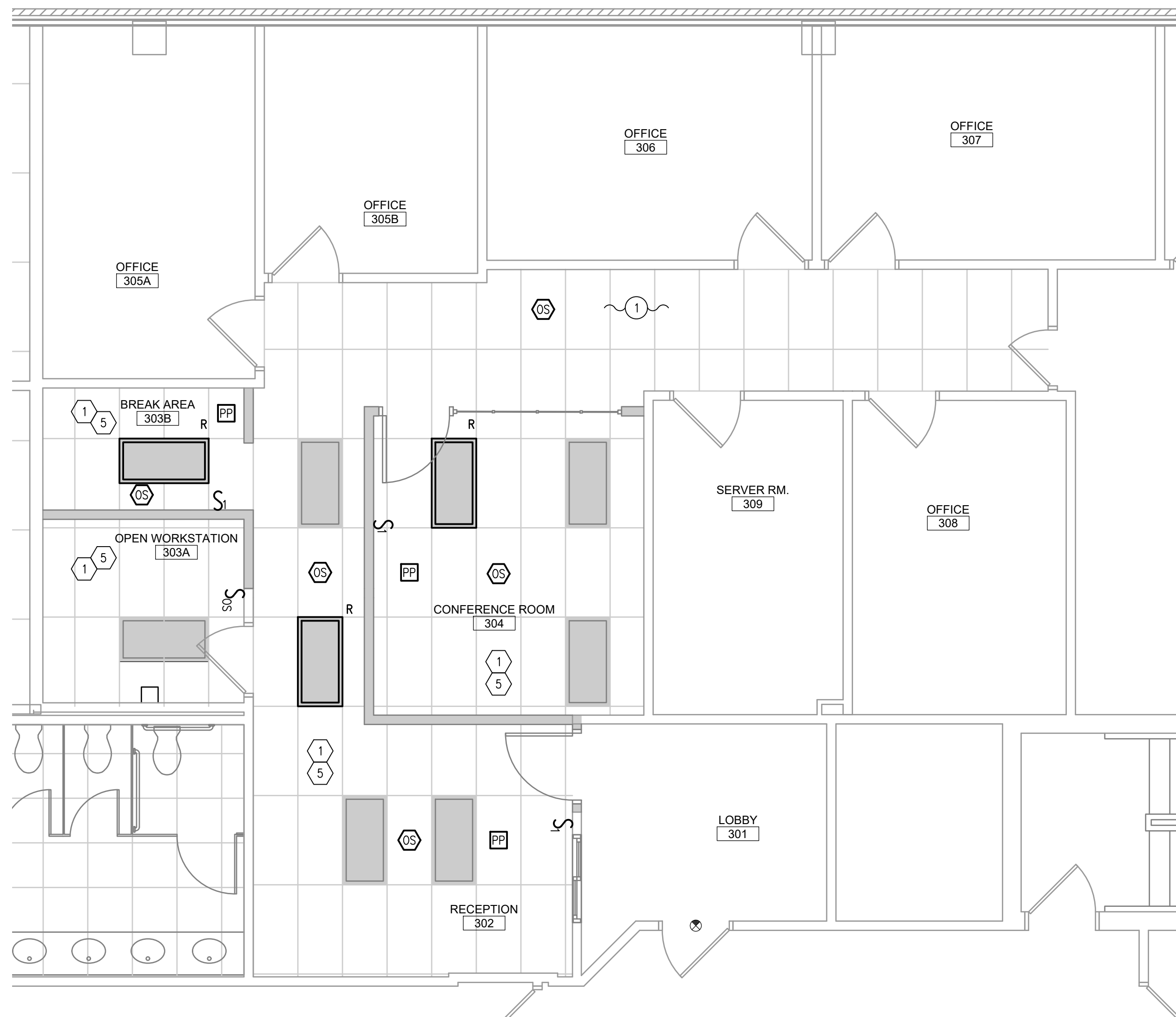
PROJECT TITLE:
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:
08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date	09.14.2022
Scale	AS SHOWN
Drawn by	DP
Checked by	JNB
Job No.	2191488
Drawing No.	

E-304



COMcheck Software Version COMcheckWeb
Interior Lighting Compliance Certificate

Project Information

Energy Code: 90.1 (2019) Standard
 Project Title: 22-0228
 Project Type: Alteration

Construction Site: _____ Owner/Agent: _____ Designer/Contractor: _____

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts
1-Common Space Types:Office - Open Plan	2784	0.61	1698
2-Common Space Types:General Seating Area	1717	0.54	927
3-Common Space Types:Lobby - General	818	0.84	687
4-Common Space Types:Lounge/Breakroom	798	0.59	471
5-Common Space Types:Corridor/Transition >=8 ft wide	455	0.41	187
6-Common Space Types:Electrical/Mechanical	25	0.43	11
7-Common Space Types:Restrooms	2426	0.63	1528
		Total Allowed Watts =	5509

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
Common Space Types: Office - Open Plan (2784 sq. ft.) LED: B: Other	1	32	39	1248
Common Space Types: General Seating Area (1717 sq. ft.) LED: B: Other	1	20	39	780
Common Space Types: Lobby - General (818 sq. ft.) LED: B: Other	1	8	39	312
Common Space Types: Lounge/Breakroom (798 sq. ft.) LED: B: Other	1	6	39	234
Common Space Types: Corridor/Transition >=8 ft wide (455 sq. ft.) LED: B: Other	1	4	39	156
Common Space Types: Electrical/Mechanical (25 sq. ft.) LED: A: Other	1	1	19	19
Common Space Types: Restrooms (2426 sq. ft.) LED: A: Other	1	71	19	1349
LED: B: Other	1	1	39	39
		Total Proposed Watts =		4137

Project Title: 22-0228
 Data filename: _____

Report date: 07/27/23
 Page: 2 of 8

Project Title: 22-0228
 Data filename: _____

Report date: 07/27/23
 Page: 3 of 8

1 ELECTRICAL THIRD FLOOR VETERAN'S LIGHTING PLAN
 1/4" = 1'-0"

GENERAL NOTES:

1. ALL POWER IN SPACE SHALL BE DERIVED BY PANELBOARD 3-ZE UNLESS OTHERWISE NOTED.
2. ALL LIGHT FIXTURES WITH DESIGNATION "R" ARE RELOCATED EXISTING LIGHTS. COORDINATE WITH DEMOLITION PLAN FOR QUANTITIES.
3. ALL RELOCATED LIGHT FIXTURES AND NEW EXIT SIGNS SHALL BE CIRCUITED TO EXISTING LIGHTING BRANCH CIRCUITRY UNLESS OTHERWISE NOTED. CONTRACTOR SHALL CONFIRM THAT EXISTING CIRCUIT HAS ENOUGH CAPACITY FOR RELOCATED FIXTURES AND NEW EXIT SIGNS. MODIFY AND EXTEND BRANCH CIRCUITRY AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
4. EXISTING EM LIGHTING TO REMAIN.

VETERANS KEYED NOTES:

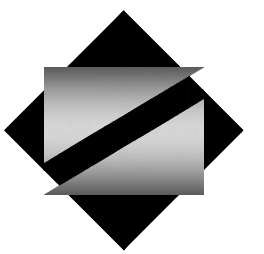
1. EXISTING LIGHT FIXTURE TO REMAIN. TIE LIGHT FIXTURE INTO HALLWAY LIGHTING CONTROL.

Interior Lighting PASSES

Interior Lighting Compliance

Statement
 Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 90.1 (2019) Standard requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title _____ Signature _____ Date _____



NETTA ARCHITECTS
 1004 Route 22 West
 Suite 1004
 New York, NY 10004
 Phone: 878.379.0008
 www.nettaarchitects.com
 CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541

FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118

MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160

LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL THIRD FLOOR LIGHTING PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 | BID SUBMISSION

DATE	REVISIONS	BY	REV

Date: 09.14.2022

Scale: AS SHOWN

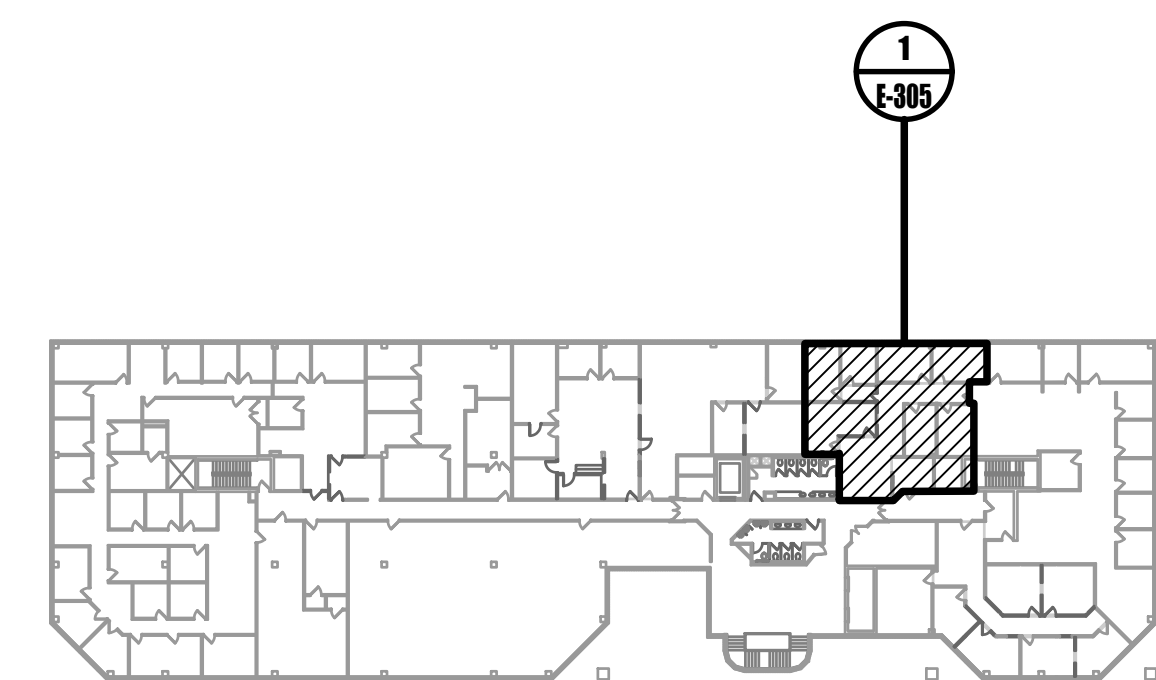
Drawn by: DP

Checked by: JNB

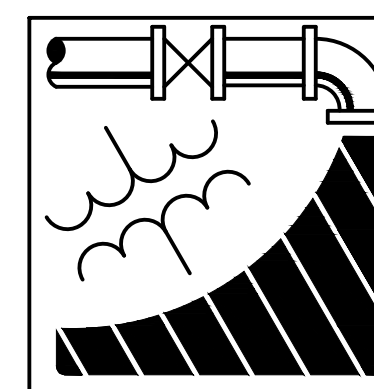
Job No.: 2191488

Drawing No.:

E-305



0 KEYPLAN
 NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

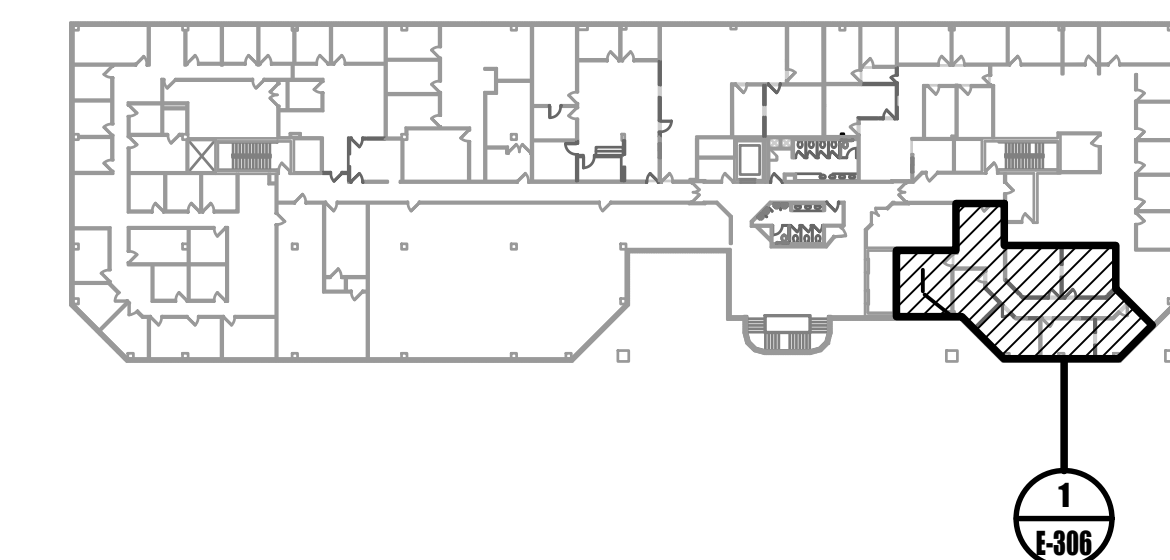
Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800



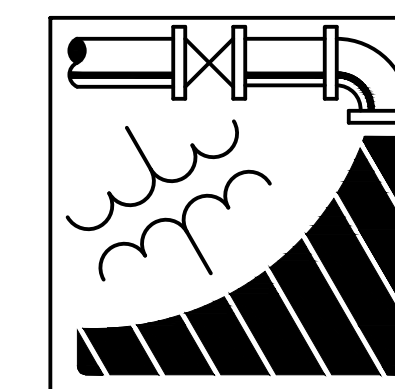
1 ELECTRICAL THIRD FLOOR HUMAN SERVICES LIGHTING PLAN
 1/4" = 1'-0"

GENERAL NOTES:

- ALL POWER IN SPACE SHALL BE DERIVED BY PANELBOARD 3-ZE UNLESS OTHERWISE NOTED.
- ALL LIGHT FIXTURES WITH DESIGNATION "R" ARE RELOCATED EXISTING LIGHTS. COORDINATE WITH DEMOLITION PLAN FOR QUANTITIES.
- ALL RELOCATED LIGHT FIXTURES AND NEW EXIT SIGNS SHALL BE CIRCUITED TO EXISTING LIGHTING BRANCH CIRCUITRY UNLESS OTHERWISE NOTED. CONTRACTOR SHALL CONFIRM THAT EXISTING CIRCUIT HAS ENOUGH CAPACITY FOR RELOCATED FIXTURES AND NEW EXIT SIGNS. MODIFY AND EXTEND BRANCH CIRCUITRY AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.
- EXISTING EM LIGHTING TO REMAIN.



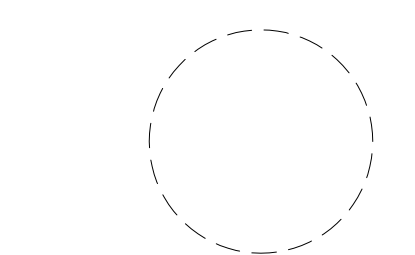
0 KEYPLAN
 NOT TO SCALE



ENGINEERING DRIVEN DESIGN PC
 555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800

NETTAARCHITECTS
 104 Route 22 West
 Marlboro, NJ 07754
 Phone: 878.379.0008
 www.nettaarchitects.com
 237 West 86th Street
 New York, NY 10024
 Phone: 212.777.2990
 CERTIFICATE OF AUTHORIZATION AC-438



NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541
 FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118
 MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160
 LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL THIRD FLOOR LIGHTING PLAN

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022

Scale AS SHOWN

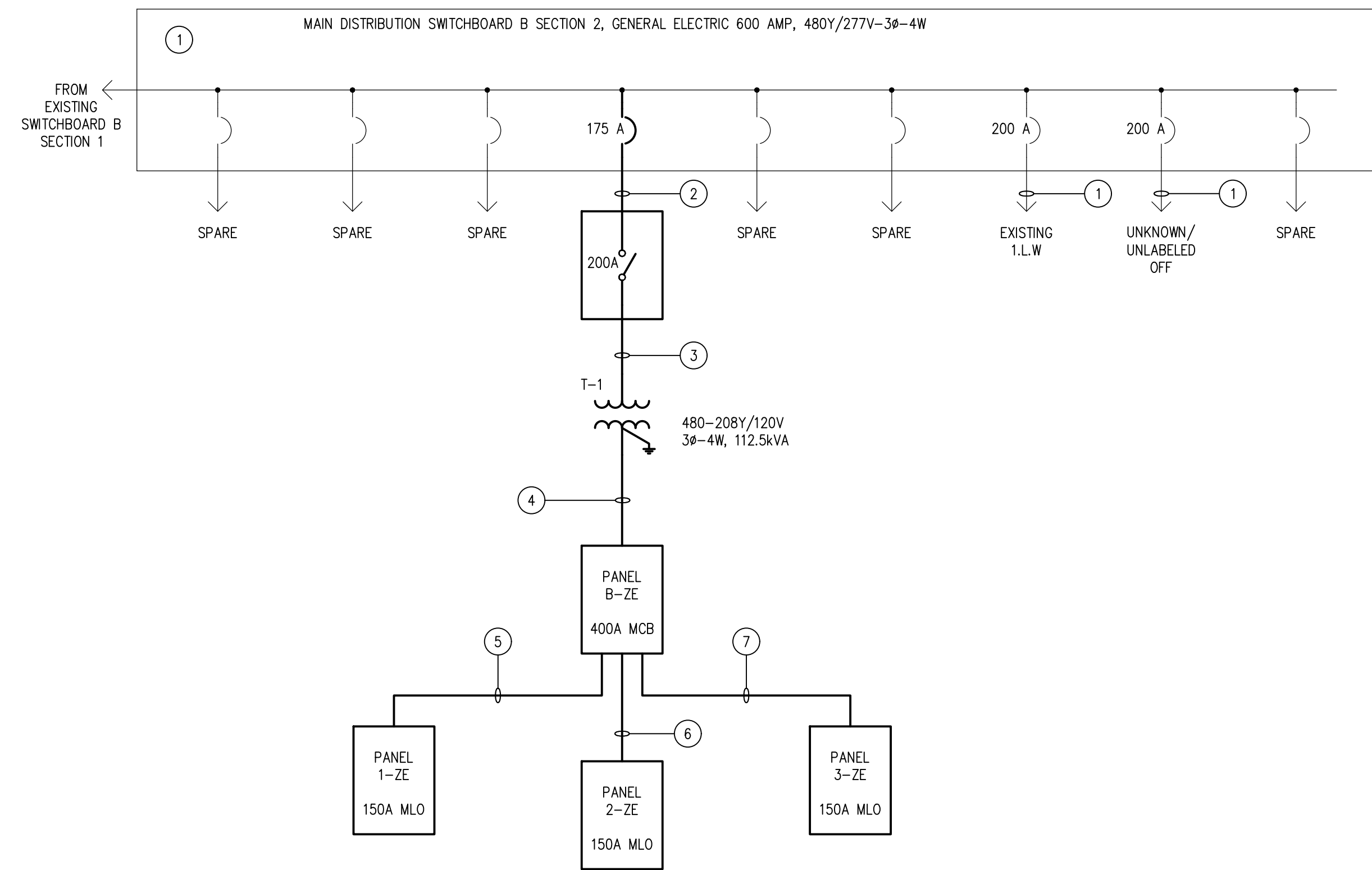
Drawn by JNB

Checked by JNB

Job No. 2191488

Drawing No.

E-306



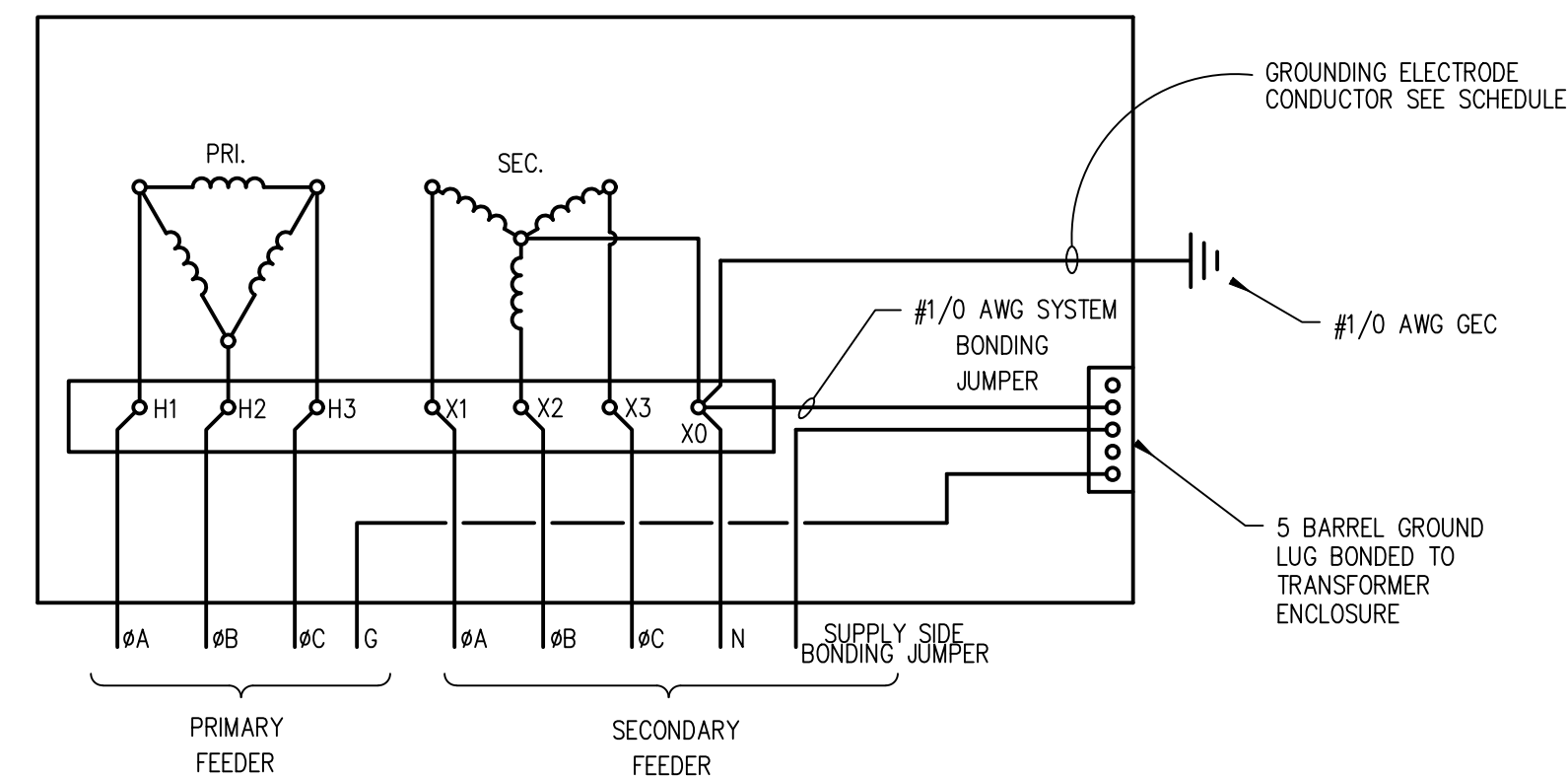
1 ELECTRICAL SINGLE LINE DRAWING
DIAGRAMMATIC

DRAWING KEYED NOTES:

- 1 EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
- 2 PROVIDE 3#3/0,#6G IN 2" CONDUIT FROM MAIN DISTRIBUTION SWITCHBOARD B SECTION 2 TO 200A/3P DISCONNECT SWITCH.
- 3 PROVIDE 3#3/0,#6G IN 2" CONDUIT FROM 200A/3P DISCONNECT SWITCH TO TRANSFORMER T-1.
- 4 PROVIDE 4#600kcmil, #1/0 SSBJ IN 4" CONDUIT FROM TRANSFORMER T-1 TO PANELBOARD B-ZE.
- 5 PROVIDE 4#1/0,#6G IN 1-1/2" CONDUIT PANELBOARD B-ZE TO PANELBOARD 1-ZE.
- 6 PROVIDE 4#1/0,#6G IN 1-1/2" CONDUIT FROM PANELBOARD B-ZE TO PANELBOARD 2-ZE.
- 7 PROVIDE 4#1/0,#6G IN 1-1/2" CONDUIT FROM PANELBOARD B-ZE TO PANELBOARD 3-ZE.

DRY TYPE TRANSFORMER SCHEDULE						
TAG	PHASES	PRIMARY VOLT.	SECONDARY VOLTAGE	POWER	GEC	NOTES
T-1	3	480 DELTA	208Y/120V - 3Ø - 4 WIRE	112.5 kVA	#1/0	1,2,3,4

TRANSFORMER SCHEDULE NOTES:
 1. NEMA 2 ENCLOSURE
 2. PROVIDE TWO 2.5% TAPS ABOVE AND TWO 2.5% TAPS BELOW NORMAL FULL CAPACITY
 3. 150F RISE INSULATION
 4. WINDING SHALL BE COPPER.



2 DRY TYPE TRANSFORMER-TYPICAL CONNECTION DETAIL
NOT TO SCALE



237 West 36th Street
New York, NY 10004
Phone: 878.379.0008
www.nettaarchitects.com
Phone: 212.777.2090
CERTIFICATE OF AUTHORIZATION AC-438

NICHOLAS J. NETTA, AIA, NCARB
NJ License No. AI 12541
FRANCISCO J. MELENDEZ, SR., AIA
NJ License No. AI 12118
MARK E. BESS, AIA, NCARB
NJ License No. AI 16160
LAURENCE K. UHER, AIA, LEED, AP
NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL SINGLE LINE DRAWING

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022

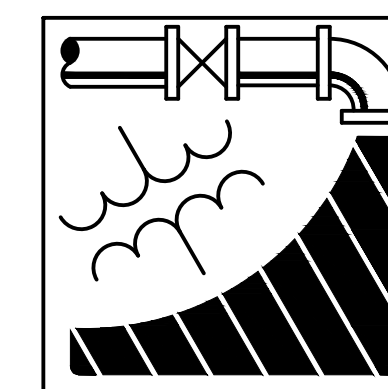
Scale AS SHOWN

Drawn by DP

Checked by JNB

Job No. 2191488

Drawing No.



ENGINEERING DRIVEN DESIGN PC

555 Route One South Suite 100
Iselin, New Jersey 08830
(848) 247-6150
www.engineerdriven.com
Project # 22-0228

Jeffrey N. Beeden
Professional Engineer
NJ License 24GE04746800

E-400

PANEL B-ZE SCHEDULE

PANEL B-ZE SCHEDULE											
VOLTAGE		208		Y/120V, 3 PHASE, 4 WIRE							
RATED AMPS: 400 MCB			<input checked="" type="checkbox"/> GFP			MOUNTING: SURFACE					
KAIC RATING: 42 MLO			<input type="checkbox"/> SHUNT TRIP			ENCLOSURE: NEMA 1					
IG			<input type="checkbox"/> SERVICE ENTRANCE			REFER TO GENERAL PANEL SCHEDULE NOTES FOR MORE INFORMATION.					
200% N			<input type="checkbox"/> FEED THRU LUGS								

NOTES	DESCRIPTION OF LOAD	OCF AMP	POLES	BRANCH CIRCUIT	CIRCUIT LOAD (VA)	PHASE A LOAD (VA)	PHASE B LOAD (VA)	PHASE C LOAD (VA)	CIRCUIT LOAD (VA)	BRANCH CIRCUIT	POLES	OCF AMP	DESCRIPTION OF LOAD	NOTES	
1	LTG-CIRCUIT #1	20	1	2#10,#10G-3/4"C.	1179	2427			1248	2#12,#12G-3/4"C.	1	20	LTG-CIRCUIT #2	2	
3	LTG-CIRCUIT #3	20	1	2#12,#12G-3/4"C.	355		659		304	2#12,#12G-3/4"C.	1	20	LTG-BATHROOM	4	
5	SPARE	20	1	--	0			720	720	2#12,#12G-3/4"C.	1	20	REC-BREAK ROOM	6	
7	REC-WAITING AREA QUAD	20	1	2#12,#12G-3/4"C.	720	1440			720	2#12,#12G-3/4"C.	1	20	REC-WAITING AREA	8	
9	REC-WAITING AREA QUAD	20	1	2#12,#12G-3/4"C.	720		1440		720	2#12,#12G-3/4"C.	1	20	REC-WAITING AREA	10	
11	REC-CHECK IN AREA	20	1	2#12,#12G-3/4"C.	720			1800	1080	2#12,#12G-3/4"C.	1	20	REC-INTERVIEW COLUMN	12	
13	REC-INTERVIEW STATION	20	1	2#12,#12G-3/4"C.	720	1440			720	2#12,#12G-3/4"C.	1	20	REC-INTERVIEW STATION	14	
15	REC-INTERVIEW STATION	20	1	2#12,#12G-3/4"C.	720		1440		720	2#12,#12G-3/4"C.	1	20	REC-INTERVIEW STATION	16	
17	REC-INTERVIEW STATION	20	1	2#12,#12G-3/4"C.	720			1440	720	2#10,#10G-3/4"C.	1	20	REC-INTERVIEW STATION	18	
19	REC-INTERVIEW STATION	20	1	2#10,#10G-3/4"C.	720	1440			720	2#10,#10G-3/4"C.	1	20	REC-INTERVIEW STATION	20	
21	REC-RECEPTION	20	1	2#10,#10G-3/4"C.	360		720		360	2#10,#10G-3/4"C.	1	20	REC-RECEPTION	22	
23	REC-RECEPTION	20	1	2#10,#10G-3/4"C.	360			540	180	2#10,#10G-3/4"C.	1	20	REC-CONF. ROOM 006A	24	
25	REC-RECEPTION/CHECK IN	20	1	2#10,#10G-3/4"C.	720	1440			720	2#10,#10G-3/4"C.	1	20	REC-RECEPTION/CHECK IN	26	
27	REC-RECEPTION	20	1	2#10,#10G-3/4"C.	720		1440		720	2#10,#10G-3/4"C.	1	20	REC-CONF. ROOM 004A	28	
29	SPARE	20	1	--	0			720	720	2#10,#10G-3/4"C.	1	20	REC-CONF. RM 004A FB	30	
31	REC-OPEN AREA 007	20	1	2#10,#10G-3/4"C.	360	360			0	--	1	20	SPARE	32	
33	REC-CORRIDOR	20	1	2#10,#10G-3/4"C.	360		720		360	2#10,#10G-3/4"C.	1	20	REC-CONF. ROOM 006A	34	
35	SPARE	20	1	--	0			720	720	2#10,#10G-3/4"C.	1	20	REC-CONF. RM 006A FB	36	
37	REC-MEN'S RESTROOM	20	1	2#10,#10G-3/4"C.	360	720			360	2#12,#12G-3/4"C.	1	20	REC-WOMEN'S RESTROOM	38	
39	REC-PNL B-ZE	20	1	2#12,#12G-3/4"C.	180		380		200	2#10,#10G-3/4"C.	1	20	VAV-G-10/G-12	40	
41					12459			22306	9847					42	
43	PANL 1-ZE	150	3	REFER TO SINGLE LINE	11240	19040			7800	REFER TO SINGLE LINE	3	150	PANL 2-ZE	44	
45					11836		19876		8040					46	
47					10080			10530	450	2#12,#12G-3/4"C.	1	20	FLUSHOMETER	48	
49	PANL 3-ZE	150	3	REFER TO SINGLE LINE	9787	9787			0	--	1	20	SPARE	50	
51					9120		9120		0	--	1	20	SPARE	52	
53	SPARE	20	1	--	0			0	0	--	1	20	SPARE	54	
55	SPARE	20	1	--	0	0			0	--	1	20	SPARE	56	
57	SPARE	20	1	--	0		0		0	--	1	20	SPARE	58	
59	SPARE	20	1	--	0			0	0	--	1	20	SPARE	60	
					TOTALS	38094	35795	38776							
TOTAL CONN. LOAD (kVA)		112.67		PANEL SCHEDULE NOTES: 1.								DEMAND LOAD (kVA)		55.5	
TOTAL CONN. AMPS PER #		313										DEMAND AMPS PER #		154	

EXISTING MDP PANEL B SECTION 2 SCHEDULE

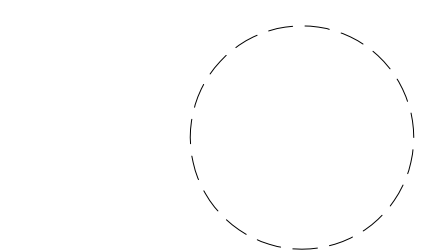
EXISTING MDP PANEL B SECTION 2 SCHEDULE											
VOLTAGE		480		Y/277V, 3 PHASE, 4 WIRE							
RATED AMPS: 600 MCB			<input type="checkbox"/> GFP			MOUNTING: SURFACE					
KAIC RATING: EX. MLO			<input checked="" type="checkbox"/> SHUNT TRIP			ENCLOSURE: NEMA 1					
IG			<input type="checkbox"/> SERVICE ENTRANCE			REFER TO GENERAL PANEL SCHEDULE NOTES FOR MORE INFORMATION.					
200% N			<input type="checkbox"/> FEED THRU LUGS								

NOTES	DESCRIPTION OF LOAD	OCF AMP	POLES	BRANCH CIRCUIT	CIRCUIT LOAD (VA)	DISTRIBUTION NOTES					
1	SPARE	---	3	--	0						
2	SPARE	---	3	--	0						
3	SPARE	---	3	--	0						
4	SPARE	---	3	--	0						
5	SPARE	---	3	--	0						
6	SPARE	---	3	--	0						
1 7	1.L.W	200	3	EXISTING	125000						
2 8	112.5kVA TRANSFORMER	175	3	REFER TO SINGLE LINE	55496						
9	SPARE	---	3	--	0						
					TOTALS	180496					
TOTAL CONN. LOAD (kVA)		180		PANEL SCHEDULE NOTES: 1. EXISTING LOAD TO REMAIN. 2. CONFIRM CIRCUIT BREAKER IS SPARE. MODIFY POSITION AS REQUIRED TO ACCOMMODATE SCOPE OF WORK.				DEMAND LOAD (kVA)		#	
TOTAL CONN. AMPS PER #		217						DEMAND AMPS PER #		#	

PANEL 1-ZE SCHEDULE

PANEL 1-ZE SCHEDULE											
VOLTAGE		208		Y/120V, 3 PHASE, 4 WIRE							
RATED AMPS: 150 MCB			<input checked="" type="checkbox"/> GFP			MOUNTING: FLUSH					
KAIC RATING: 22 MLO			<input type="checkbox"/> SHUNT TRIP			ENCLOSURE: NEMA 1					
IG			<input type="checkbox"/> SERVICE ENTRANCE			REFER TO GENERAL PANEL SCHEDULE NOTES FOR MORE INFORMATION.					
200% N			<input type="checkbox"/> FEED THRU LUGS								

NOTES	DESCRIPTION OF LOAD	OCF AMP	POLES	BRANCH CIRCUIT	CIRCUIT LOAD (VA)	PHASE A LOAD (VA)	PHASE B LOAD (VA)	PHASE C LOAD (VA)	CIRCUIT LOAD (VA)	BRANCH CIRCUIT	POLES	OCF AMP	DESCRIPTION OF LOAD	NOTES	
1	REC-OFFICE 104	20	1	2#10,#10G-3/4"C.	180	720			540	2#10,#10G-3/4"C.	1	20	REC-OFFICE 105	2	
1 3	FURNITURE CIRCUIT #1	20	1		720		1440		720		1	20	FURNITURE CIRCUIT #2	4 1	
1 5	FURNITURE CIRCUIT #1	20	1	3#10,#8N,#10G-3/4"C.	720			1440	720	3#10,#8N,#10G-3/4"C.	1	20	FURNITURE CIRCUIT #2	6 1	
1 7	FURNITURE CIRCUIT #1	20	1		720	1440			720		1	20	FURNITURE CIRCUIT #2	8 1	
1 9	FURNITURE CIRCUIT #1	20	1	2#10,#10G-3/4"C.	720		1440		720	2#10,#10G-3/4"C.	1	20	FURNITURE CIRCUIT #2	10 1	
11	REC-OPEN AREA 103	20	1	2#10,#10G-3/4"C.	360			1080	720	2#10,#10G-3/4"C.	1	20	REC-OPEN AREA 103	12	
1 13	FURNITURE CIRCUIT #3	20	1		720	900			180	2#10,#10G-3/4"C.	1	20	REC-CONF. ROOM 102	14	
1 15	FURNITURE CIRCUIT #3	20	1	3#10,#8N,#10G-3/4"C.	720		1080		360	2#10,#10G-3/4"C.	1	20	REC-CONF. RM 102 FB	16	
1 17	FURNITURE CIRCUIT #3	20	1		720			1260	540	2#10,#10G-3/4"C.	1	20	REC-OFFICE 102	18	
1 19	FURNITURE CIRCUIT #3	20	1	2#10,#10G-3/4"C.	720	1080			360	2#10,#10G-3/4"C.	1	20	REC-OPEN AREA 101	20	
21	SPARE	20	1	--	0			720	720		1	20	FURNITURE CIRCUIT #5	22 1	
23	REC-RESTROOMS	20	1	2#10,#10G-3/4"C.	360			1080	720	3#10,#8N,#10G-3/4"C.	1	20	FURNITURE CIRCUIT #5	24 1	
25	REC-OFFICE 103	20	1	2#10,#10G-3/4"C.	540	1260			720		1	20	FURNITURE CIRCUIT #5	26 1	
1 27	FURNITURE CIRCUIT #4	20	1		720		1440		720		1	20	FURNITURE CIRCUIT #5	28 1	
1 29	FURNITURE CIRCUIT #4	20	1	3#10,#8N,#10G-3/4"C.	720			1440	720	2#12,#12G-3/4"C.	1	20	REC-RESTROOMS	30	
1 31	FURNITURE CIRCUIT #4	20	1		720	1440			720	2#12,#12G-3/4"C.	1	20	REC-RECEPTION	32	
1 33	FURNITURE CIRCUIT #3	20	1	2#10,#10G-3/4"C.	720		1080		360	2#10,#10G-3/4"C.	1	20	REC-CONF. RM 111 FB	34	
35	REC-PNL 1-ZE	20	1	2#12,#12G-3/4"C.	180			540	360	2#12,#12G-3/4"C.	1	20	REC-OFFICE 109	36	
37	REC-LOBBY 101	20	1	2#12,#12G-3/4"C.	180	540			360	2#12,#12G-3/4"C.	1	20	REC-OFFICE 107	38	
39	REC-CONF. ROOM 111	20	1	2#12,#12G-3/4"C.	720		720		0	--	1	20	SPARE	40	
41	REC-OFFICE 110	20	1	2#12,#12G-3/4"C.	720			2220	1500	2#12,#12G-3/4"C.	1	20	REC-NEMA L5-20R	42	
43	REC-OFFICE 108	20	1	2#12,#12G-3/4"C.	360	1080			720		1	20	FURNITURE CIRCUIT #7	44 1	
45	REC-OFFICE 106	20	1	2#12,#12G-3/4"C.	540		1260		720	3#12,#10N,#12G-3/4"C.	1	20	FURNITURE CIRCUIT #7	46 1	
47	REC-SERVER RM QUAD	20	1	2#12,#12G-3/4"C.	1000			1720	720		1	20	FURNITURE CIRCUIT #7	48 1	
1 49	FURNITURE CIRCUIT #6	20	1		720	1440			720	2#12,#12G-3/4"C.	1	20	FURNITURE CIRCUIT #7	50 1	
1 51	FURNITURE CIRCUIT #6	20	1	3#12,#10N,#12G-3/4"C.	720		880		160	2#10,#10G-3/4"C.	1	20	LTG-CIRCUIT #1	52	
1 53	FURNITURE CIRCUIT #6	20	1		720			876	156	2#10,#10G-3/4"C.	1	20	LTG-CIRCUIT #2	54	
1 55	FURNITURE CIRCUIT #6	20	1	2#12,#12G-3/4"C.	720	1119			399	2#12,#12G-3/4"C.	1	20	LTG-CIRCUIT #3	56	
57	VAV-1-A	20	1	2#12,#12G-3/4"C.	100		600		500	2#12,#12G-3/4"C.	1	20	FLUSHOMETER	58	
59	FLUSHOMETER	20	1	2#10,#10G-3/4"C.	300			1500	1200	2#12,#12G-3/4"C.	1	20	REC-UNDER COUNT. FRIDGE	60	
61	SPARE	20	1	--	0	0			0	--	1	20	SPARE	62	
63	SPARE	20	1	--	0		0		0	--	1	20	SPARE	64	
65	SPARE	20	1	--	0			0	0	--	1	20	SPARE	66	
67	SPARE	20	1	--	0	0			0	--	1	20	SPARE	68	
69	SPARE	20	1	--	0		0		0	--	1	20	SPARE	70	
71	SPARE	20	1	--	0			0	0	--	1	20	SPARE	72	
73	SPARE	20	1	--	0	0			0	--	1	20	SPARE	74	
75	SPARE	20	1	--	0		0		0	--	1	20	SPARE	76	
77	SPARE	20	1	--	0			0	0	--	1	20	SPARE	78	
79	SPARE	20	1	--	0	0			0	--	1	20	SPARE	80	
81	SPARE	20	1	--	0		0		0	--	1	20	SPARE	82	
83	SPARE	20	1	--	0			0	0	--	1	20	SPARE	84	
					TOTALS	11019	10660	13156							
TOTAL CONN. LOAD (kVA)		34.84		PANEL SCHEDULE NOTES: 1. PROVIDE COMMON HANDLE BAR TO OPEN ALL CIRCUIT BREAKERS SIMULTANEOUSLY SERVING COMMON FURNITURE.								DEMAND LOAD (kVA)		22.72	
TOTAL CONN. AMPS PER #		97										DEMAND AMPS PER #		63	



NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541
 FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118
 MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160
 LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL PANEL SCHEDULE

PROJECT TITLE:

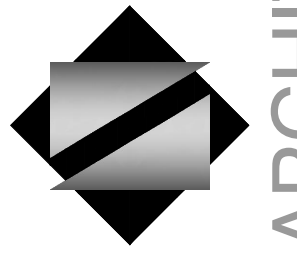
BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

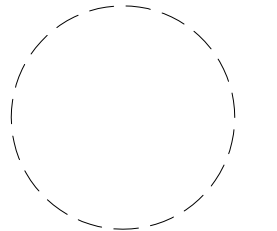
08.22.2023 BID SUBMISSION

PANEL 2-ZE SCHEDULE															
VOLTAGE		208		Y/120V, 3 PHASE, 4 WIRE											
RATED AMPS: 150			MCB	<input type="checkbox"/>	GFP	<input type="checkbox"/>	MOUNTING: FLUSH					<input type="checkbox"/>			
KAIC RATING: 22			MLO	<input checked="" type="checkbox"/>	SHUNT TRIP	<input type="checkbox"/>	ENCLOSURE: NEMA 1					<input type="checkbox"/>			
			IG	<input type="checkbox"/>	SERVICE ENTRANCE	<input type="checkbox"/>	REFER TO GENERAL PANEL SCHEDULE NOTES FOR MORE INFORMATION.					<input type="checkbox"/>			
			200% N	<input type="checkbox"/>	FEED THRU LUGS	<input type="checkbox"/>						<input type="checkbox"/>			
NOTES	DESCRIPTION OF LOAD	OCF AMP	POLES	BRANCH CIRCUIT	CIRCUIT LOAD (VA)	PHASE A LOAD (VA)	PHASE B LOAD (VA)	PHASE C LOAD (VA)	CIRCUIT LOAD (VA)	BRANCH CIRCUIT	POLES	OCF AMP	DESCRIPTION OF LOAD	NOTES	
1	REC-CONF. ROOM 207	20	1	2#10,#10G-3/4"C.	540	900			360	2#10,#10G-3/4"C.	1	20	REC-CONF. RM 207 FB	2	
3	REC-OPEN AREA	20	1	2#10,#10G-3/4"C.	900		1440		540	2#10,#10G-3/4"C.	1	20	REC-OFFICE 209	4	
5	REC-LOBBY	20	1	2#10,#10G-3/4"C.	360			900	540	2#10,#10G-3/4"C.	1	20	REC-OFFICE 202	6	
7	REC-OFFICE 203	20	1	2#10,#10G-3/4"C.	540	1080			540	2#10,#10G-3/4"C.	1	20	REC-OFFICE 204	8	
9	REC-OFFICE 205	20	1	2#10,#10G-3/4"C.	540		1080		540	2#10,#10G-3/4"C.	1	20	REC-OFFICE 206	10	
11	REC-OFFICE 207	20	1	2#10,#10G-3/4"C.	540			1080	540	2#10,#10G-3/4"C.	1	20	REC-OFFICE 206	12	
13	REC-OFFICE 204	20	1	2#10,#10G-3/4"C.	540	900			360	2#10,#10G-3/4"C.	1	20	REC-OFFICE 203	14	
15	REC-STORAGE 208	20	1	2#10,#10G-3/4"C.	360		900		540	2#10,#10G-3/4"C.	1	20	REC-OFFICE 205	16	
17	REC-OFFICE 202	20	1	2#10,#10G-3/4"C.	360			900	540	2#10,#10G-3/4"C.	1	20	REC-OFFICE 201	18	
19	REC-OFFICE 209	20	1	2#10,#10G-3/4"C.	540	1080			540	2#10,#10G-3/4"C.	1	20	REC-OFFICE 210	20	
21	REC-CONF. ROOM 212	20	1	2#10,#10G-3/4"C.	360		940		580	2#10,#10G-3/4"C.	1	20	REC-CONF. RM 212 TV	22	
23	REC-CONF. RM 212 FB	20	1	2#10,#10G-3/4"C.	720			1260	540	2#10,#10G-3/4"C.	1	20	REC-OFFICE 215	24	
25	REC-COPIER	20	1	2#10,#10G-3/4"C.	1200	1740			540	2#10,#10G-3/4"C.	1	20	REC-OFFICE 211	26	
27	REC-SERVER RM QUAD	20	1	2#10,#10G-3/4"C.	500		2000		1500	2#10,#10G-3/4"C.	1	20	REC-SERVER LS-20R	28	
29	REC-COUNTERTOP	20	1	2#10,#10G-3/4"C.	1500			3000	1500	2#10,#10G-3/4"C.	1	20	REC-COUNTERTOP	30	
31	REC-COUNTERTOP	20	1	2#10,#10G-3/4"C.	1500	3000			1500	2#10,#10G-3/4"C.	1	20	REC-COUNTERTOP	32	
33	REC-LOBBY	20	1	2#10,#10G-3/4"C.	720		1260		540	-	1	20	SPARE	34	
35	REC-RECEPTION QUAD	20	1	2#10,#10G-3/4"C.	360			720	360	2#12,#12G-3/4"C.	1	20	REC-RESTROOMS	36	
37	REC-PNL 2-ZE	20	1	2#12,#12G-3/4"C.	180	427			247	2#12,#12G-3/4"C.	1	20	LTG-RESTROOMS	38	
39	FLUSHMETER	20	1	2#12,#12G-3/4"C.	450		450		0	-	1	20	SPARE	40	
41	SPARE	20	1	-	0			0	0	-	1	20	SPARE	42	
43	SPARE	20	1	-	0	0			0	-	1	20	SPARE	44	
45	SPARE	20	1	-	0		0		0	-	1	20	SPARE	46	
47	SPARE	20	1	-	0			0	0	-	1	20	SPARE	48	
49	SPARE	20	1	-	0	0			0	-	1	20	SPARE	50	
51	SPARE	20	1	-	0		0		0	-	1	20	SPARE	52	
53	SPARE	20	1	-	0			0	0	-	1	20	SPARE	54	
55	SPARE	20	1	-	0	0			0	-	1	20	SPARE	56	
57	SPARE	20	1	-	0		0		0	-	1	20	SPARE	58	
59	SPARE	20	1	-	0			0	0	-	1	20	SPARE	60	
					TOTALS	9127	8070	7860							
		TOTAL CONN. LOAD (kVA)	25.06	PANEL SCHEDULE NOTES: 1.			DEMAND LOAD (kVA)	13.62							
		TOTAL CONN. AMPS PER #	70				DEMAND AMPS PER #	38							

PANEL 3-ZE SCHEDULE															
VOLTAGE		208		Y/120V, 3 PHASE, 4 WIRE											
RATED AMPS: 150			MCB	<input type="checkbox"/>	GFP	<input type="checkbox"/>	MOUNTING: SURFACE					<input type="checkbox"/>			
KAIC RATING: 22			MLO	<input checked="" type="checkbox"/>	SHUNT TRIP	<input type="checkbox"/>	ENCLOSURE: NEMA 1					<input type="checkbox"/>			
			IG	<input type="checkbox"/>	SERVICE ENTRANCE	<input type="checkbox"/>	REFER TO GENERAL PANEL SCHEDULE NOTES FOR MORE INFORMATION.					<input type="checkbox"/>			
			200% N	<input type="checkbox"/>	FEED THRU LUGS	<input type="checkbox"/>						<input type="checkbox"/>			
NOTES	DESCRIPTION OF LOAD	OCF AMP	POLES	BRANCH CIRCUIT	CIRCUIT LOAD (VA)	PHASE A LOAD (VA)	PHASE B LOAD (VA)	PHASE C LOAD (VA)	CIRCUIT LOAD (VA)	BRANCH CIRCUIT	POLES	OCF AMP	DESCRIPTION OF LOAD	NOTES	
1	REC-CONF. ROOM 304	20	1	2#12,#12G-3/4"C.	360	360			0	-	1	20	SPARE	2	
3	REC-CONF. RM 304 FB	20	1	2#12,#12G-3/4"C.	360		720		360	2#12,#12G-3/4"C.	1	20	REC-OFFICE 305	4	
5	REC-OFFICE 306	20	1	2#12,#12G-3/4"C.	360			900	540	2#12,#12G-3/4"C.	1	20	REC-OFFICE 307	6	
7	REC-OFFICE 308	20	1	2#12,#12G-3/4"C.	360	900			540	2#12,#12G-3/4"C.	1	20	REC-OFFICE 309	8	
9	REC-OFFICE 310	20	1	2#12,#12G-3/4"C.	900		1260		360	2#12,#12G-3/4"C.	1	20	REC-STORAGE 311	10	
11	REC-OPEN AREA	20	1	2#12,#12G-3/4"C.	900			1620	720	-	1	20	FURNITURE CIRCUIT #1	12	
13	FURNITURE CIRCUIT #2	20	1	-	720	1440			720	3#12,#10N,#12G-3/4"C.	1	20	FURNITURE CIRCUIT #1	14	
15	FURNITURE CIRCUIT #2	20	1	3#12,#10N,#12G-3/4"C.	720				720	-	1	20	FURNITURE CIRCUIT #1	16	
17	FURNITURE CIRCUIT #2	20	1	-	720			1440	720	2#12,#12G-3/4"C.	1	20	FURNITURE CIRCUIT #1	18	
19	FURNITURE CIRCUIT #2	20	1	2#12,#12G-3/4"C.	720	720			0	-	1	20	SPARE	20	
21	REC-RECEPTION	20	1	2#12,#12G-3/4"C.	360		1560		1200	2#12,#12G-3/4"C.	1	20	REC-COPIER	22	
23	SPARE	20	1	-	0			1200	1200	2#12,#12G-3/4"C.	1	20	REC-COPIER	24	
25	REC-RESTROOMS	20	1	2#12,#12G-3/4"C.	360	720			360	2#12,#12G-3/4"C.	1	20	REC-CORRIDOR	26	
27	REC-CONF. ROOM 304	20	1	2#12,#12G-3/4"C.	900		1260		360	2#12,#12G-3/4"C.	1	20	REC-CONF. RM 304 FB	28	
29	REC-RECEPTION	20	1	2#12,#12G-3/4"C.	360			720	360	2#12,#12G-3/4"C.	1	20	REC-OPEN AREA 303A	30	
31	REC-REFRIGERATOR	20	1	2#12,#12G-3/4"C.	1200	2700			1500	2#12,#12G-3/4"C.	1	20	REC-COUNTERTOP	32	
33	REC-COUNTERTOP	20	1	2#12,#12G-3/4"C.	1500		2040		540	2#12,#12G-3/4"C.	1	20	REC-RECEPTION 301B	34	
35	SPARE	20	1	-	0			360	360	2#12,#12G-3/4"C.	1	20	REC-OFFICE 311	36	
37	REC-OFFICE 310	20	1	2#12,#12G-3/4"C.	540	900			360	2#10,#10G-3/4"C.	1	20	REC-OFFICE 309	38	
39	REC-OFFICE 308	20	1	2#10,#10G-3/4"C.	360		720		360	2#10,#10G-3/4"C.	1	20	REC-OFFICE 307	40	
41	REC-OFFICE 306	20	1	2#10,#10G-3/4"C.	360			720	360	2#10,#10G-3/4"C.	1	20	REC-OFFICE 305	42	
43	REC-OFFICE 303	20	1	2#10,#10G-3/4"C.	360	810			450	2#12,#12G-3/4"C.	1	20	FLUSHMETER	44	
45	LTG-RESTROOMS	20	1	2#10,#10G-3/4"C.	247		247		0	-	1	20	SPARE	46	
47	SPARE	20	1	-	0			0	0	-	1	20	SPARE	48	
49	SPARE	20	1	-	0	0			0	-	1	20	SPARE	50	
51	SPARE	20	1	-	0		0		0	-	1	20	SPARE	52	
53	SPARE	20	1	-	0			0	0	-	1	20	SPARE	54	
55	SPARE	20	1	-	0	0			0	-	1	20	SPARE	56	
57	SPARE	20	1	-	0		0		0	-	1	20	SPARE	58	
59	SPARE	20	1	-	0			0	0	-	1	20	SPARE	60	
					TOTALS	8550	9247	6960							
		TOTAL CONN. LOAD (kVA)	24.76	PANEL SCHEDULE NOTES: 1. CIRCUIT BREAKER SHALL BE OF TYPE GFCI. 2. PROVIDE COMMON HANDLE BAR TO OPEN ALL CIRCUIT BREAKERS SIMULTANEOUSLY SERVING COMMON FURNITURE.			DEMAND LOAD (kVA)	16.07							
		TOTAL CONN. AMPS PER #	69				DEMAND AMPS PER #	45							



NETTA ARCHITECTS
 1084 Route 22 West
 Marlton, NJ 08053
 Phone: 609.370.0068
 www.nettaarchitects.com
 287 West 56th Street
 New York, NY 10019
 Phone: 212.777.2990
CERTIFICATE OF AUTHORIZATION AC-438



NICHOLAS J. NETTA, AIA, NCARB
 NJ License No. AI 12541
 FRANCISCO J. MELENDEZ, SR., AIA
 NJ License No. AI 12118
 MARK E. BESS, AIA, NCARB
 NJ License No. AI 16160
 LAURENCE K. UHER, AIA, LEED, AP
 NJ License No. AI 14394

These drawings, or parts thereof, may not be reproduced in any form, by any method, for any purpose, without the prior written consent from NICHOLAS J. NETTA, ARCHITECT.

These drawings shall be used for the specific project location indicated within the Title Block, and shall not be used at any other location without prior consent from the ARCHITECT.

SHEET CONTENTS:

ELECTRICAL PANEL SCHEDULE

PROJECT TITLE:

BURLINGTON COUNTY HUMAN SERVICES BUILDING BATHROOM RENOVATIONS WESTAMPTON, NJ 08060

SUBMISSION:

08.22.2023 BID SUBMISSION

DATE	REVISIONS	BY	REV

Date 09.14.2022

Scale AS SHOWN

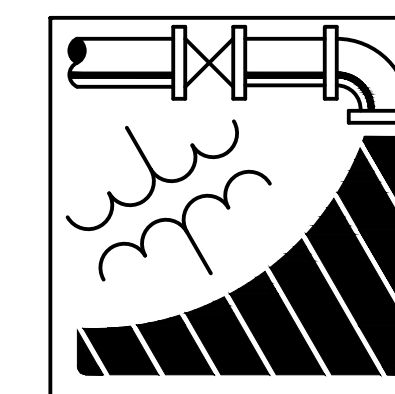
Drawn by DP

Checked by JNB

Job No. 2191488

Drawing No.

E-501



ENGINEERING DRIVEN DESIGN PC

555 Route One South Suite 100
 Iselin, New Jersey 08830
 (848) 247-6150
 www.engineerdriven.com
 Project # 22-0228

Jeffrey N. Beeden
 Professional Engineer
 NJ License 24GE04746800