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CHILLICOTHE VAMC

RENOVATE THERAPEUTIC POOL

AND RECREATION HALL

DEPARTMENT OF VETERANS AFFAIRS

PROJECT # 538-20-201

17273 STATE ROUTE 104

CHILLICOTHE, OH 45601

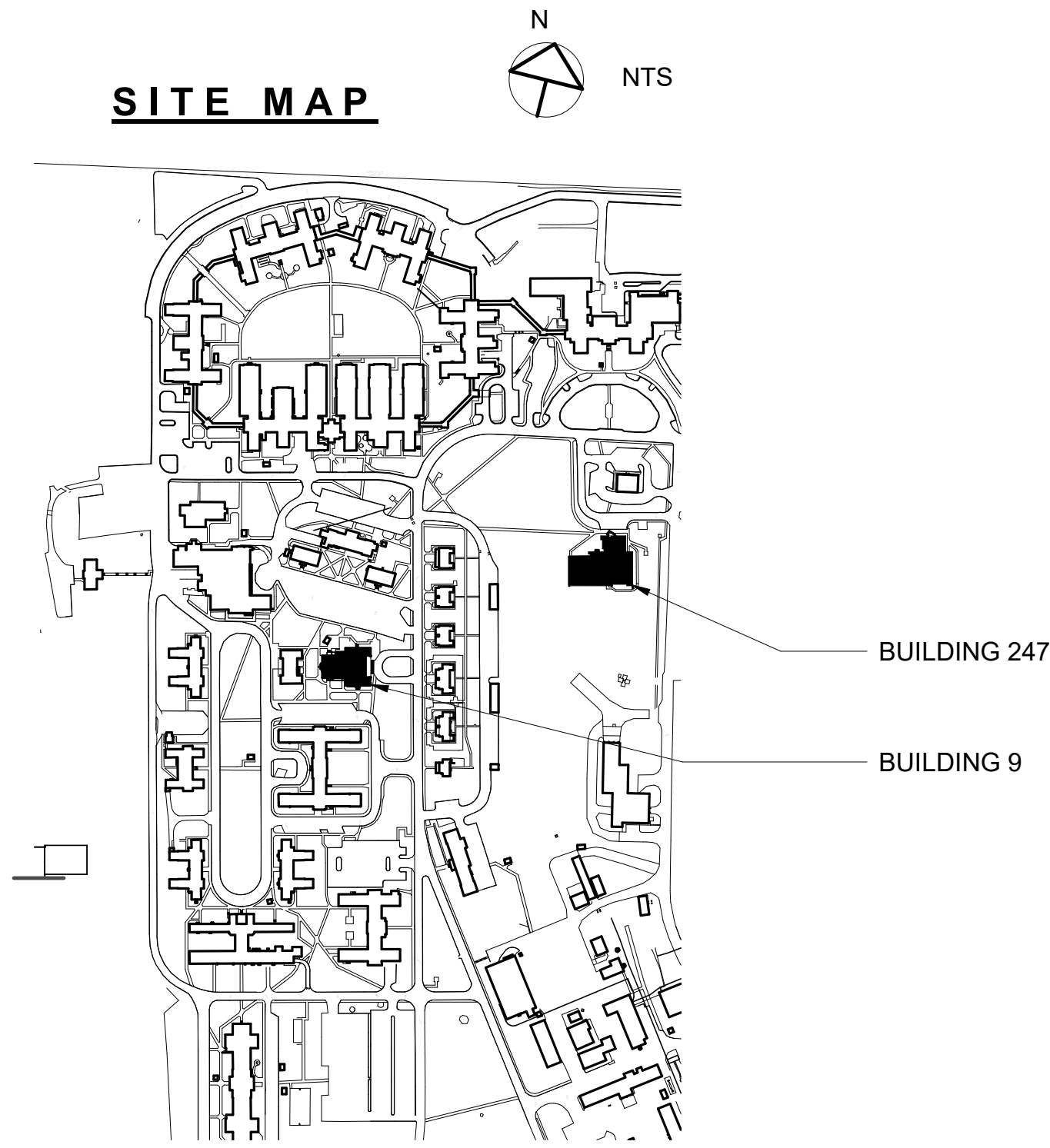
GENERAL NOTES

1. UNLESS OTHERWISE NOTED, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING SALVAGED STOCK BEFORE ORDERING NEW MATERIAL.
2. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND FIELD CONDITIONS PRIOR TO DEMOLITION AND CONSTRUCTION. IF PROVIDED, THE GENERAL CONTRACTOR SHALL EXAMINE EXISTING BUILDING DOCUMENTS. THE CONTRACTOR SHALL BRING ANY DISCREPANCIES TO THE IMMEDIATE ATTENTION OF THE VA C.O.R.
3. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF EXISTING ITEMS TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
4. MAINTAIN EXIT EGRESS PATHS TO EXISTING EXIT DOORS DURING CONSTRUCTION.
5. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL CONSTRUCTION ROUTES BEYOND THE AREAS OF WORK AND THE ROUTES MUST BE RETURNED TO THEIR ORIGINAL CONDITION AT THE END OF THE PROJECT.
6. MAINTAIN THE BUILDING IN A WEATHER TIGHT CONDITION AT ALL TIMES.
7. ALL DEMOLITION AND CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE C.O.R. TO MINIMIZE DISRUPTIONS OF NORMAL FUNCTIONS OF THE VAS OCCURED AREAS.
8. IF CONSTRUCTION NOISE IS ANTICIPATED, SUBMIT A WRITTEN REQUEST TO THE C.O.R. FOR THE SCHEDULED TIME OF THE CONSTRUCTION ACTIVITIES. NO WORK SHALL BE DONE WITHOUT THE WRITTEN APPROVAL OF THE C.O.R. THE C.O.R. RESERVES THE RIGHT TO DISCONTINUE NOISY CONSTRUCTION AT ANY TIME. NO RADIOS SHALL BE PERMITTED AT ANY TIME IN WORK AREAS ADJACENT TO OCCUPIED SPACES.
9. ALL EXISTING SERVICES AND UTILITIES SHALL BE MAINTAINED TO ADJACENT DEPARTMENTS OR AREAS THAT ARE IN OPERATION AND SERVED BY THEM. COORDINATE ALL DISRUPTIONS OR DISCONTINUATIONS OF UTILITIES AND SERVICES WITH C.O.R. NO SHUT DOWN OF EXISTING SERVICES IS ALLOWED TO OCCUR UNTIL RECEIVING THE C.O.R.'S WRITTEN APPROVAL OF THE SHUT DOWN SCHEDULE. PROVIDE TEMPORARY SERVICES AND/OR UTILITIES DURING INTERRUPTIONS AS REQUIRED AND APPROVED BY THE C.O.R.
10. THE GENERAL CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO THE V.A.'S OCCUPIED AREAS ADJACENT TO NEW CONSTRUCTION OR OCCUPIED AREAS WHERE VARIOUS SYSTEM CONNECTIONS OR EXTENSIONS ARE REQUIRED. IN THESE AREAS, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY LACK OF SUFFICIENT PROTECTION FROM THE WEATHER AND FROM THE RESULTS OF ALL CONSTRUCTION ACTIVITY INCLUDING BUT NOT LIMITED TO DUST AND WATER.
11. THE GENERAL CONTRACTOR SHALL RECEIVE WRITTEN APPROVAL FROM THE C.O.R. BEFORE USING OPEN FLAMES, WELDING RODS AND TORCHES. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS TO PROHIBIT THE MIGRATION OF SMOKE AND OTHER PRODUCTS OF COMBUSTION INTO OCCUPIED AREAS OF THE EXISTING BUILDING AND FOR OBTAINING ALL REQUIRED PERMITS RELATED TO HOT WORK.
12. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO PATCH ALL SPRAY-ON FIRE PROTECTION AT REMOVALS, AT ANY EXISTING LOCATIONS WHICH ARE VOID OF PROTECTION WITHIN THE AREA OF WORK AND AT NEW CONSTRUCTION WHICH DISTURBS EXISTING FIRE PROTECTION. FIREPROOFING MUST BE CONTINUOUS AND UNOBSTRUCTED.
13. DO NOT OVERLOAD THE EXISTING BUILDING STRUCTURE. MAINTAIN THE STRUCTURAL INTEGRITY OF ALL STRUCTURAL FRAMING MEMBERS AND SYSTEMS AT ALL TIMES.
14. ALL DEMOLISHED MATERIAL, EXCEPT MATERIAL THAT IS LISTED OR MARKED BY THE ARCHITECT OR THE C.O.R. FOR RETENTION, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND IT SHALL BE DISPOSED OF. NO DEBRIS RESULTING FROM WORK SHALL BE LEFT IN THE CONSTRUCTION ROUTES BEYOND THE AREAS OF WORK.
15. REMOVAL OF A PARTICULAR ITEM IS TO INCLUDE ALL RELATED ITEMS, SUCH AS REMOVAL OF WALLS WOULD INCLUDE ASSOCIATED DOORS, HARDWARE, ELECTRICAL, PLUMBING, MECHANICAL, ETC. REFER TO DEMOLITION DRAWINGS FOR MORE INFORMATION. FOR ALL REMOVALS, THE GENERAL CONTRACTOR SHALL COORDINATE WITH ALL OTHER DISCIPLINES INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL AND PLUMBING.
16. THE CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT FOR ITEMS NOT DEMOLISHED OR REMOVED AS REQUIRED UNTIL PERMANENT SUPPORT IS PROVIDED IN THE FINAL CONSTRUCTION.
17. ALL OPENINGS IN EXISTING WALLS, CEILINGS AND FLOORS, WHICH ARE THE RESULT OF REMOVALS AND OTHER NEW CONSTRUCTION ACTIVITY, SHALL BE PATCHED WITH NEW MATERIALS THAT MATCH THE EXISTING MATERIALS. IF THE PATCH IS TO BE MADE IN FIRE RATED CONSTRUCTION, THE PATCH MUST ACHIEVE THE REQUIRED FIRE RATING. THE PATCH SHALL BE FINISHED TO A LIKE NEW CONDITION TO MATCH THE EXISTING FINISH.
18. WHERE EXISTING SURFACES ARE TO BE REFINISHED OR ARE TO SERVE AS SUBSTRATE FOR THE ATTACHMENT OR APPLICATION OF NEW MATERIALS OR CONSTRUCTION, PREPARE OR ALTER THE EXISTING SURFACES AS NECESSARY TO PROPERLY ACCOMMODATE THE NEW MATERIALS.
19. FIELD VERIFY SIZES AND DIMENSIONS OF ALL EXISTING UTILITIES THAT IMPACT THE NEW WORK. DETERMINE THE SIZE AND LOCATION THE PENETRATIONS FROM THE EXISTING UTILITIES WITHIN THE NEW WORK. SEAL TIGHT TO ALL PENETRATIONS AND CALULK.
20. PENETRATIONS THROUGH EXISTING FIRE RATED CONSTRUCTION MUST BE PROPERLY CLOSED AND FIRE PROOFED TO ACHIEVE THE PROPER FIRE RATING BY THE END OF CONSTRUCTION OPERATIONS FOR EACH DAY.
21. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL EQUIPMENT INSTALLATION AND VERIFYING ALL REQUIRED ROUGH OPENINGS, AND ROUGH-IN DIMENSIONS WITH THE EQUIPMENT MANUFACTURER, OWNER AND ARCHITECT PRIOR TO CONSTRUCTION.
22. ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL AUTHORITIES, CODES, RULES AND REGULATIONS.
23. THESE DOCUMENTS SHOW THE MINIMUM CONSTRUCTION REQUIREMENTS AND THE MINIMUM QUALITY OF WORK EXPECTED. MORE STRINGENT REQUIREMENTS STIPULATED WITHIN RELEVANT MANUFACTURER'S INSTALLATION INSTRUCTIONS WILL SUPERSEDE.
24. ANY UNFORESEEN OR UNCLEAR CONDITIONS SHALL BE REPORTED TO THE ARCHITECT AND C.O.R. PRIOR TO PROCEEDING WITH WORK.
25. ANY CONFLICTS WITHIN THE DRAWINGS, BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, OR BETWEEN THE DRAWINGS AND THE ACTUAL CONDITIONS AT THE SITE, ARE TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE C.O.R. THE CONTRACTOR SHALL NOT PROCEED WITH WORK UNTIL WRITTEN CLARIFICATION FROM THE ARCHITECT IS RECEIVED.
26. UNLESS OTHERWISE NOTED, ALL MATERIALS AND EQUIPMENT ARE TO BE INSTALLED PER THE APPLICABLE PROVISIONS OF THESE DOCUMENTS AND THE MANUFACTURER'S INSTRUCTIONS.
27. ALL MATERIALS USED ARE REQUIRED TO BE NEW UNLESS OTHERWISE NOTED.
28. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL MEANS, METHODS AND TECHNIQUES FOR CONSTRUCTION.
29. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR JOB-SITE SAFETY INCLUDING BUT NOT LIMITED TO THE ADHERENCE TO OSHA REGULATIONS.
30. ALL ELECTRICAL, PLUMBING AND MECHANICAL WORK SHALL BE PERFORMED BY PERSONNEL LICENSED IN THE STATE WHERE THIS PROJECT IS LOCATED.
31. REMOVE ALL DEBRIS PROPERLY FROM THE SITE. LOAD DEBRIS DIRECTLY ONTO TRUCKS OR INTO DUMPSTERS FOR REMOVAL. DISPOSE OF DEBRIS LEGALLY. DO NOT BURN DEBRIS ON THE SITE. DO NOT ALLOW DEBRIS TO ENTER SEWERS. DO NOT ALLOW PILED DEBRIS TO ENDANGER STRUCTURES, BLOCK EXITS OR ROADWAYS. COMBUSTIBLE WASTE WHICH COULD CREATE A FIRE HAZARD SHALL NOT BE PERMITTED TO ACCUMULATE IN OR AROUND THE CONSTRUCTION SITE.
32. COORDINATE ALL WORK WITH ALL OTHER DISCIPLINES. SEAL CONSTRUCTION TIGHT TO ALL PENETRATIONS AND CALULK. ALL PENETRATIONS THROUGH FIRE RATED CONSTRUCTION MUST BE FIRE SAFED IN ACCORDANCE WITH THE SPECIFICATIONS.
33. DO NOT SCALE DRAWINGS. DIMENSIONS SHALL GOVERN. ALL PLAN DIMENSIONS ARE TAKEN TO FINISH FACE OF CONSTRUCTION.
34. ALL CONCEALED WOOD SHALL BE FIRE RETARDANT TREATED.

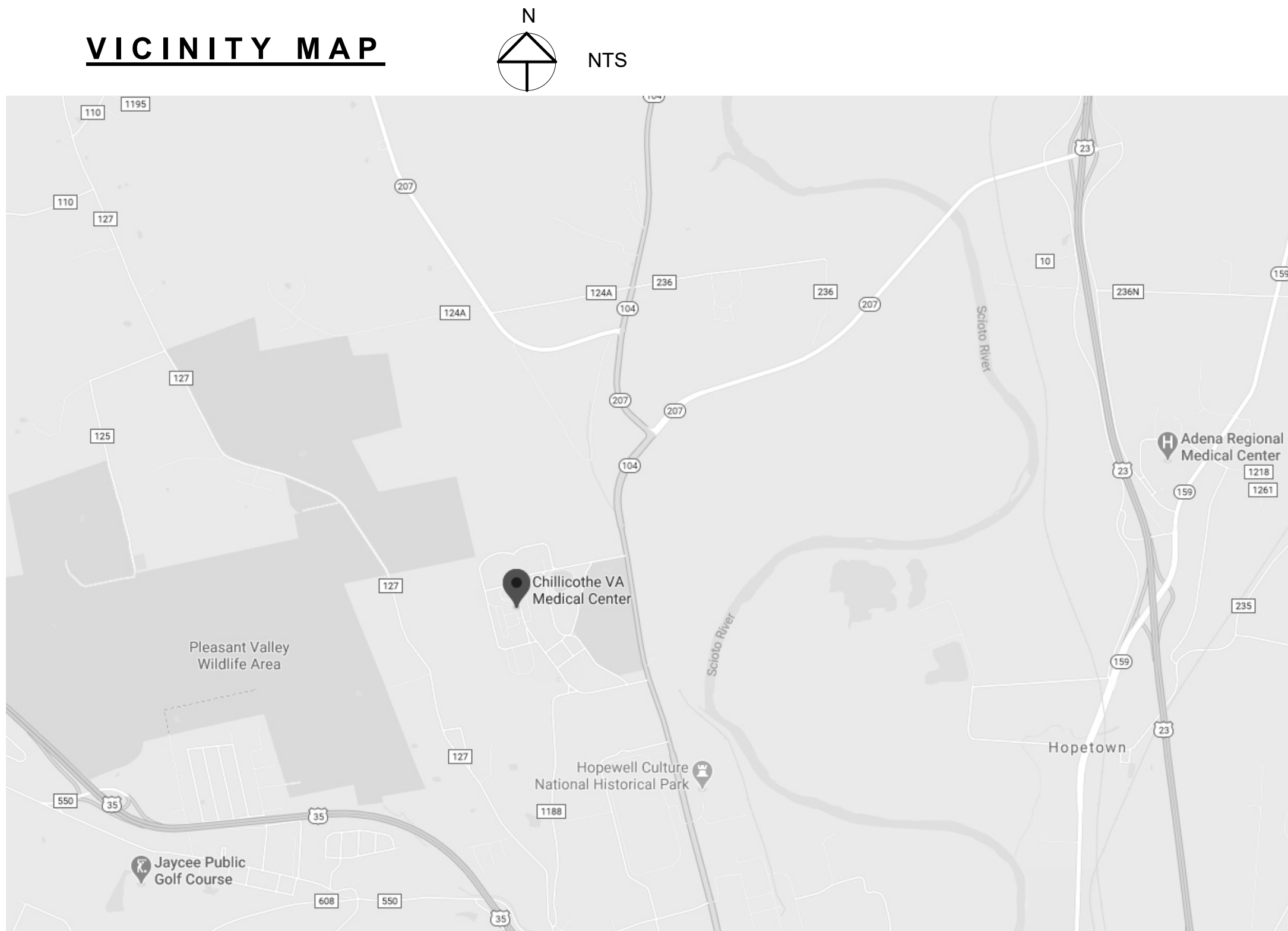
PHASING NOTES

1. BUILDINGS WILL BE OCCUPIED DURING CONSTRUCTION. ALL CONSTRUCTION SHALL BE SEPARATED FROM BUILDING OCCUPANTS WITH DUST AND DEBRIS CONTROL AS WELL AS 1-HR FIRE RATED BARRIERS (EXISTING OR TEMPORARY).
2. OCCUPANTS WILL BE RELOCATED FROM THE IMMEDIATE AREA OF THE CONSTRUCTION ACTIVITY.
3. WORK SHALL BE CONDUCTED DURING BUSINESS HOURS, NIGHTS, OR WEEKENDS, AT THE MUTUAL AGREEMENT OF THE CONTRACTOR AND VA COR. COORDINATE ALL PROPOSED SCHEDULE AND SEQUENCE OF WORK WITH THE VA COR.

SITE MAP



VICINITY MAP



DRAWING INDEX

SHEET NO.	SHEET NAME
GENERAL	
GI-001	COVER SHEET
GI-002	LIFE SAFETY PLAN - BUILDING 9
GI-003	LIFE SAFETY PLAN - BUILDING 247
GI-004	ACCESSIBILITY DETAILS AND NOTES

CIVIL	
CS-100	SITE PLAN - B9

ARCHITECTURE	
AD-100	BASEMENT DEMOLITION PLAN - 9
AD-101	FIRST FLOOR - DEMOLITION PLAN - 9
AD-102	SECOND FLOOR - DEMOLITION PLAN - 9
AD-103	OVERALL DEMOLITION PLAN - 247
AD-104	ENLARGED DEMOLITION PLAN - POOL - 247
AE-100	BASEMENT - NEW WORK PLAN - 9
AE-101	FIRST FLOOR - NEW WORK PLAN - 9
AE-102	SECOND FLOOR - NEW WORK PLAN - 9
AE-103	NEW WORK AND FINISH PLAN - 247
AE-201	EXTERIOR ELEVATIONS - 9
AE-202	EXTERIOR ELEVATIONS - 9
AE-701	DOOR SCHEDULES, WINDOW SCHEDULES, AND DETAILS

PLUMBING	
P-001	PLUMBING LEGEND SHEET
PD-101	PLUMBING DEMOLITION PLAN - 9
PD-102	PLUMBING DEMOLITION PLAN - 247
PL-101	PLUMBING NEW WORK PLAN - 9
PL-102	PLUMBING NEW WORK PLAN - 247
PL-501	PLUMBING DETAILS & DIAGRAMS - 247
PL-601	PLUMBING SCHEDULES

MECHANICAL	
M-001	MECHANICAL LEGEND SHEET - 9
MD-101	MECHANICAL BASEMENT DEMOLITION PLAN - 9
MD-102	MECHANICAL FIRST FLOOR DEMOLITION PLAN - 9
MD-103	MECHANICAL SECOND FLOOR DEMOLITION PLAN - 9
MH-101	MECHANICAL HVAC BASEMENT - 9
MH-102	MECHANICAL HVAC FIRST FLOOR - 9
MH-103	MECHANICAL HVAC SECOND FLOOR - 9
MH-104	FIRST FLOOR MECHANICAL NEW WORK - 247
MH-601	MECHANICAL SCHEDULES - 9

ELECTRICAL	
E-100	LEGEND AND ABBREVIATIONS
EP-100	BASEMENT POWER PLAN - 9
EP-101	FIRST FLOOR POWER PLAN - 9
EP-102	SECOND FLOOR POWER PLAN - 9
E-600	PANEL SCHEDULES AND DETAILS - 9
ED-100	BASEMENT DEMO PLAN - 247
EL-100	BASEMENT LIGHTING PLAN - 247
EP-103	BASEMENT POWER PLAN - 247
E-600	PANEL SCHEDULES AND DETAILS - 247

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CONSULTANT

ARCHITECT/ENGINEER OF RECORD

STAMP

STATION  
538

VA U.S. Department  
of Veterans Affairs

Drawing Title  
COVER SHEET

Approved: Ryan Jeter

Phase  
CONSTRUCTION  
DOCUMENTS

Project Title  
RENOVATE THERAPEUTIC POOL &  
RECREATION HALL

Location  
CHILLICOTHE, OHIO

Issue Date  
3/30/2022

Checked  
PQ

Drawn  
NM

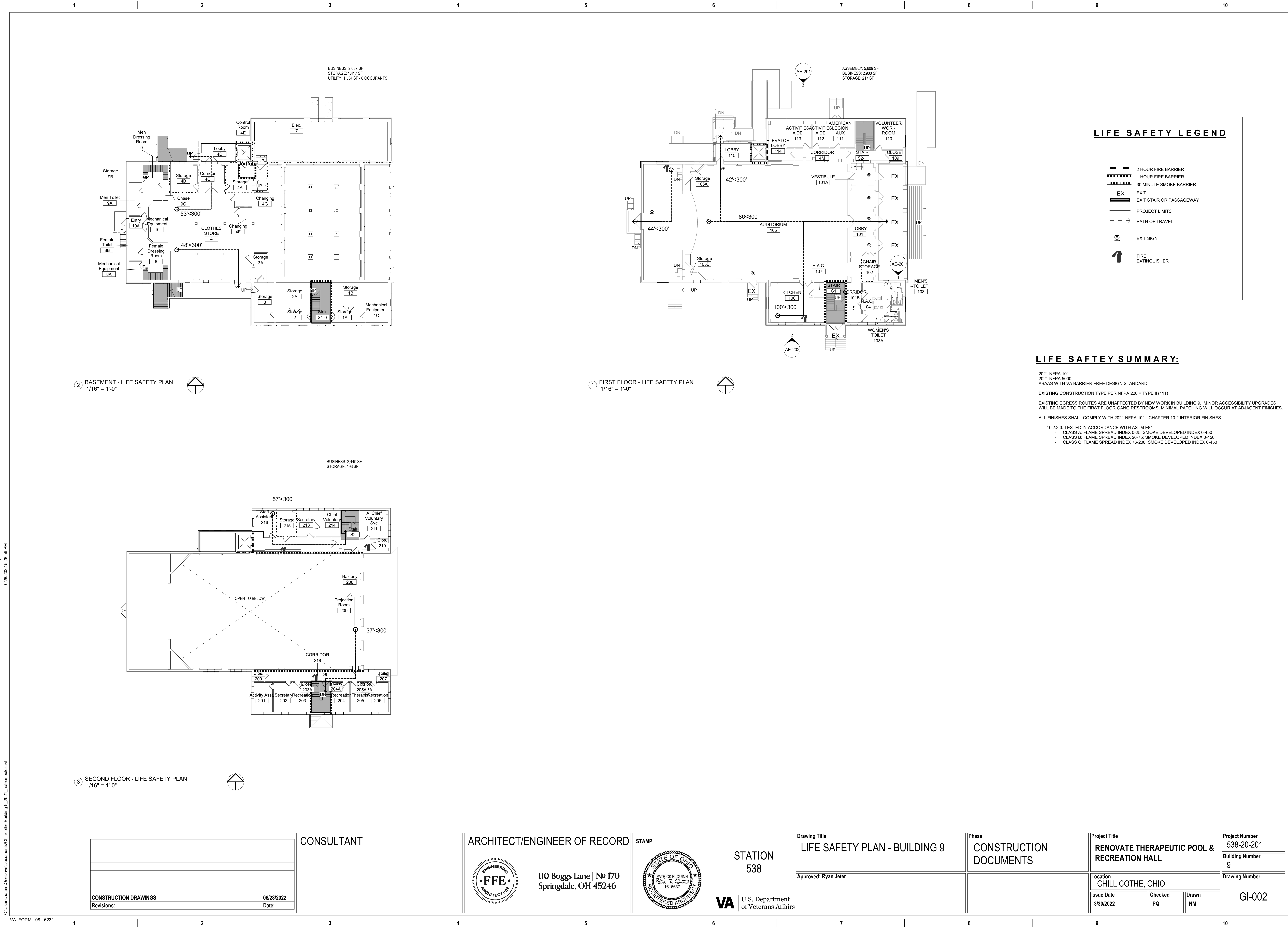
Project Number  
538-20-201

Building Number  
9

Drawing Number  
GI-001

CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:







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2 HOUR FIRE BARRIER

1 HOUR FIRE BARRIER

30 MINUTE SMOKE BARRIER

EX

EXIT

EXIT STAIR OR PASSAGEWAY

PROJECT LIMITS

PATH OF TRAVEL

EXIT SIGN

FIRE EXTINGUISHER

LIFE SAFETY SUMMARY:

2021 NFPA 101  
2021 NFPA 5000  
ABAAS WITH VA BARRIER FREE DESIGN STANDARD

EXISTING CONSTRUCTION TYPE PER NFPA 220 = TYPE II (111)

EXISTING EGRESS ROUTE, EMERGENCY EXITS, AND EXIT LIGHTING IS UNAFFECTED BY NEW WORK IN BUILDING 247.

ARCHITECTURE WORK IS LIMITED TO INSIDE POOL AREA AND COSMETIC FINISHES.

ALL FINISHES SHALL COMPLY WITH 2021 NFPA 101 - CHAPTER 10.2 INTERIOR FINISHES

10.2.3.3. TESTED IN ACCORDANCE WITH ASTM E84

- CLASS A: FLAME SPREAD INDEX 0-25; SMOKE DEVELOPED INDEX 0-450
- CLASS B: FLAME SPREAD INDEX 26-75; SMOKE DEVELOPED INDEX 0-450
- CLASS C: FLAME SPREAD INDEX 76-200; SMOKE DEVELOPED INDEX 0-450

1 FIRST FLOOR - LIFE SAFETY PLAN  
1/8" = 1'-0"

<div>CONSTRUCTION DRAWINGS</div> <div>Revisions:</div>	<div>06/28/2022</div> <div>Date:</div>	CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP	STATION 538  U.S. Department of Veterans Affairs	Drawing Title LIFE SAFETY PLAN - BUILDING 247  Approved: Ryan Jeter	Phase CONSTRUCTION DOCUMENTS	Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201
									Location CHILICOTHE, OHIO		Building Number 247	
									Issue Date 3/30/2022	Checked PQ	Drawn NM	
											Drawing Number GI-003	

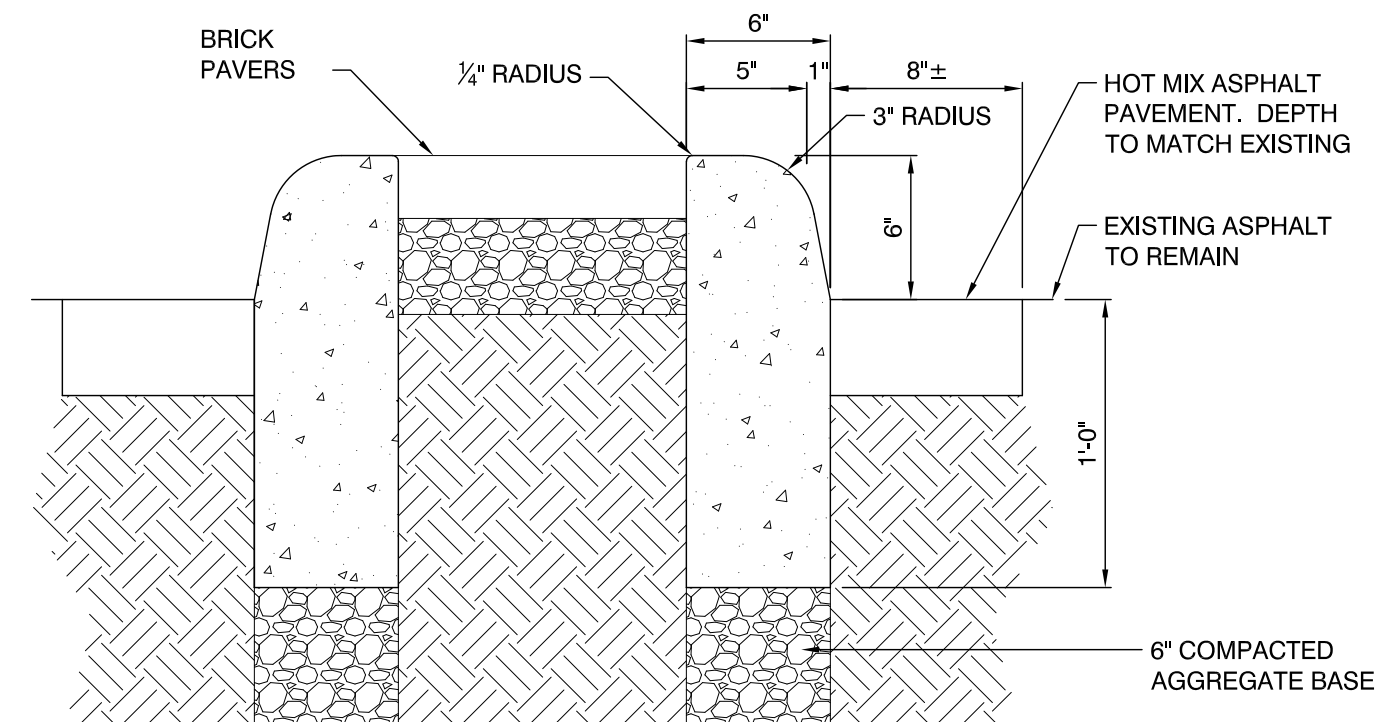
VA FORM 08 - 6231

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SCALE: 1 1/2" = 1'-0"

3'-0" TRANSITION FROM  
LOW CURB TO HIGH  
CURB (TYPICAL)

Project Number	538-20-201
Building Number	9
Drawing Number	CS-100

File Path



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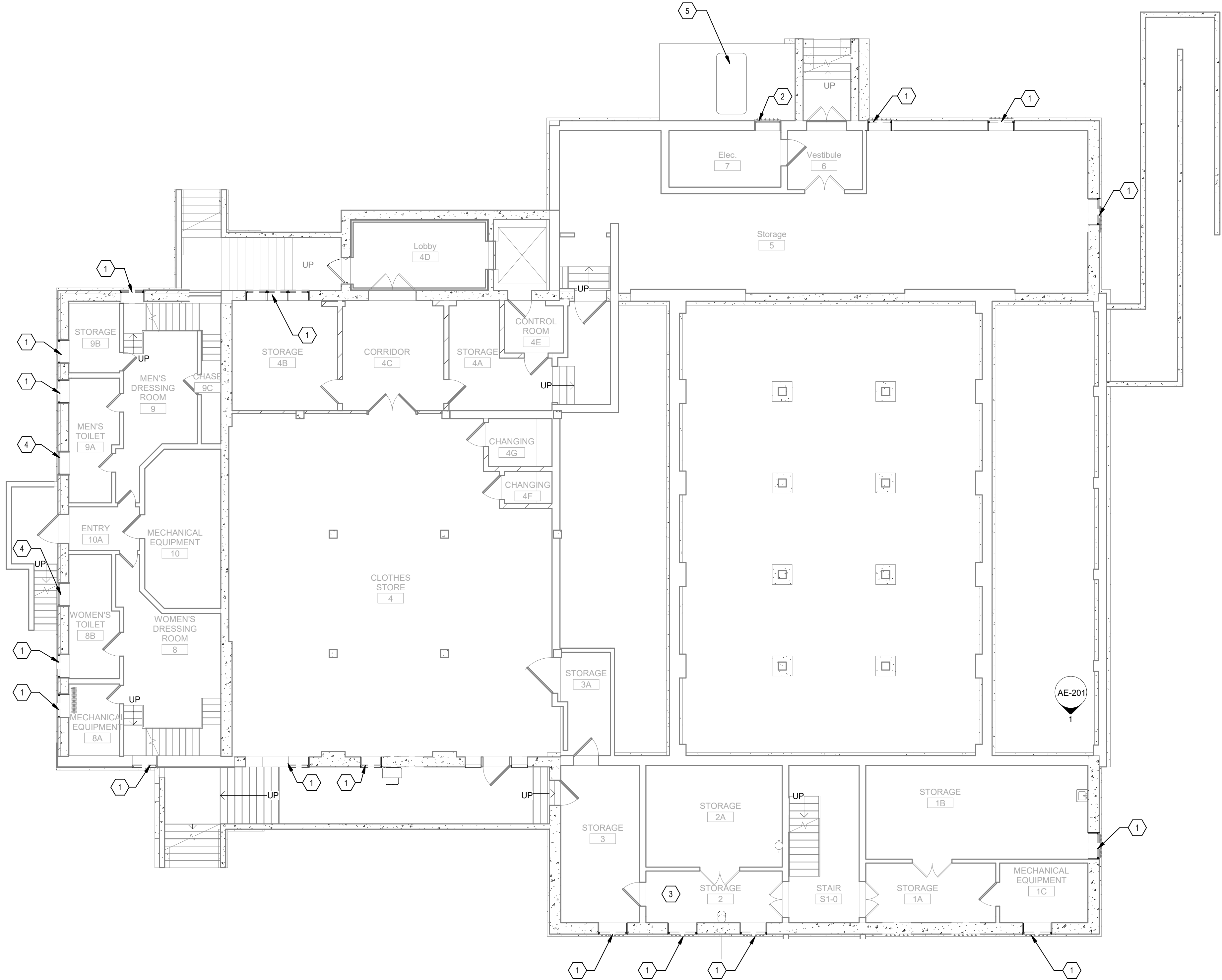
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GENERAL NOTES

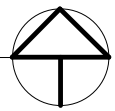
- A. REFER TO SHEET AE-701 FOR DOOR AND WINDOW TYPES AND SCHEDULES.  
B. ALL EXISTING CONSTRUCTION IS TO REMAIN UNLESS NOTED OTHERWISE.

DEMOLITION KEYNOTES

- 1 REMOVE EXISTING WINDOW, FRAME, GLAZING AND ASSOCIATED CONSTRUCTION. PREPARE EXISTING OPENING FOR NEW WINDOW CONSTRUCTION - EXISTING SECURITY BARS TO REMAIN - SEE ASBESTOS SPECIFICATIONS FOR ASBESTOS RELATED SCOPE.  
2 PULLY ACTUATED LOUVER AND FRAME TO REMAIN.  
3 EXISTING BACKFLOW PREVENTER - SEE PLUMBING SHEETS FOR EXTENT OF WORK.  
4 EXISTING VENT OPENING TO REMAIN.  
5 EXISTING TRANSFORMER AND CONCRETE PAD TO REMAIN.



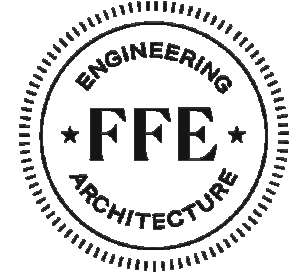
1 BASEMENT - DEMOLITION PLAN  
1/8" = 1'-0"



CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD



110 Boggs Lane | No 170  
Springdale, OH 45246

STAMP



STATION  
538



U.S. Department  
of Veterans Affairs

Drawing Title

BASEMENT DEMOLITION PLAN - 9

Approved: Ryan Jeter

Phase

CONSTRUCTION  
DOCUMENTS

Project Title

RENOVATE THERAPEUTIC POOL &  
RECREATION HALL

Location

CHILLICOTHE, OHIO

Issue Date

3/30/2022

Checked

PQ

Drawn

NM

Project Number

538-20-201

Building Number

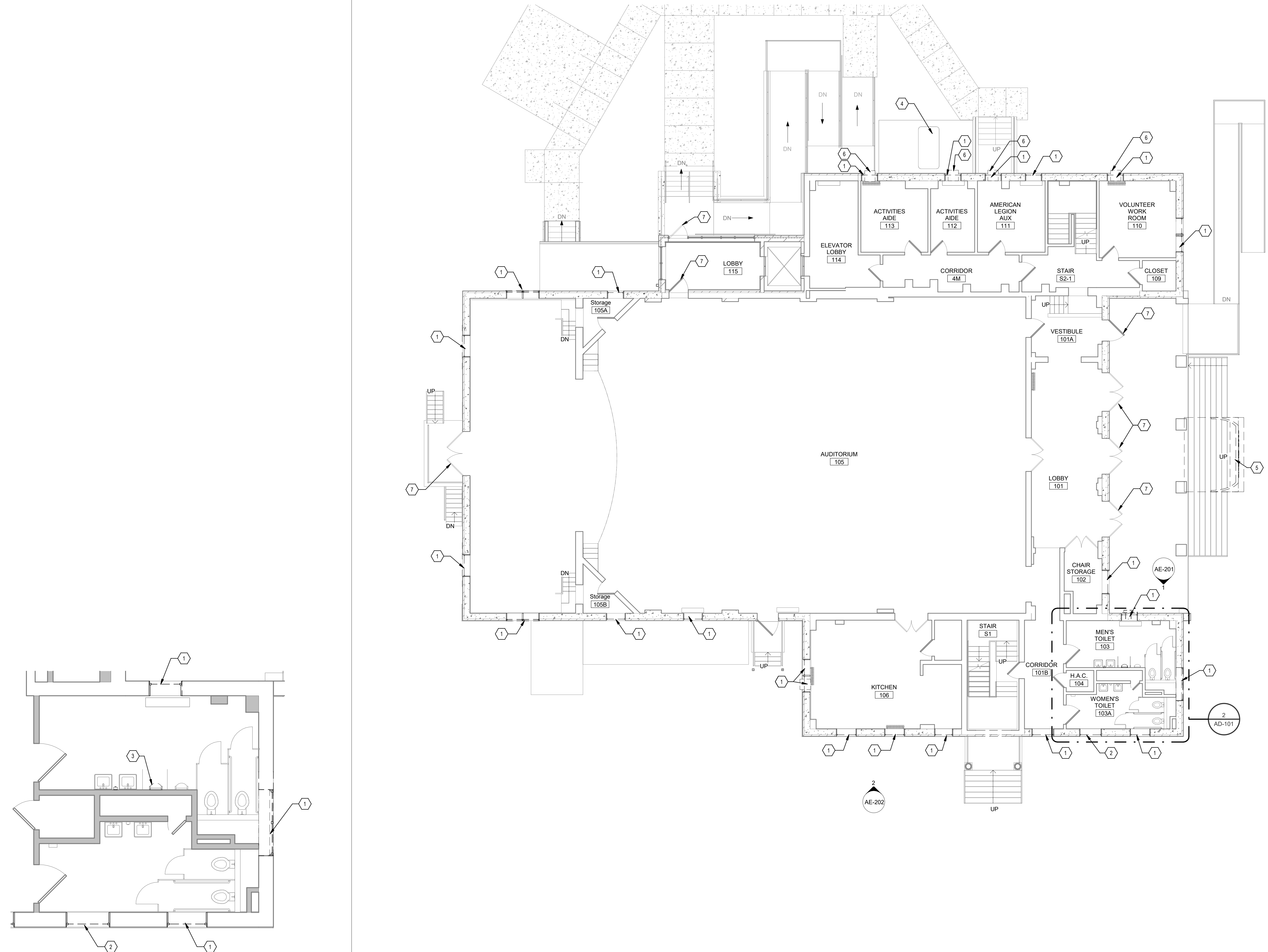
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Drawing Number

AD-100



- GENERAL NOTES**
- A. REFER TO SHEET AE-701 FOR DOOR AND WINDOW TYPES AND SCHEDULES.
  - B. ALL EXISTING CONSTRUCTION IS TO REMAIN UNLESS NOTED OTHERWISE.
- DEMOLITION KEYNOTES**
- 1 REMOVE EXISTING WINDOW, FRAME, GLAZING AND ASSOCIATED CONSTRUCTION. PREPARE EXISTING OPENING FOR NEW WINDOW CONSTRUCTION - EXISTING SECURITY BARS TO REMAIN - SEE ASBESTOS SPECIFICATIONS FOR ASBESTOS RELATED SCOPE.
  - 2 REMOVE EXISTING WINDOW, FRAME, GLAZING AND ASSOCIATED CONSTRUCTION. REMOVE EXISTING WINDOW FAN. PREPARE EXISTING OPENING FOR NEW WINDOW CONSTRUCTION.
  - 3 REMOVE AND STORE URINAL SHOWN AS DASHED - REFER TO NEW WORK PLAN FOR INSTALLATION AT NEW HEIGHT.
  - 4 EXISTING TRANSFORMER AND CONCRETE PAD TO REMAIN.
  - 5 REMOVE EXISTING FABRIC CANOPY - CLEAN EXISTING METAL FRAME - PREPARE FOR INSTALLATION OF NEW FABRIC CANOPY.
  - 6 REMOVE EXISTING WINDOW AIR CONDITIONING UNIT AND STORE FOR REUSE. COORDINATE STORAGE WITH OWNER.
  - 7 EXISTING DOOR AND FRAME TO REMAIN



2 ENLARGED RESTROOM DEMOLITION PLAN  
1/4" = 1'-0"

1 FIRST FLOOR DEMOLITION PLAN  
1/8" = 1'-0"

<div>CONSTRUCTION DRAWINGS</div> <div>Revisions:</div> <div>06/28/2022</div> <div>Date:</div>	CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP	STATION 538	Drawing Title FIRST FLOOR - DEMOLITION PLAN - 9 Approved: Ryan Jeter	Phase CONSTRUCTION DOCUMENTS	Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201
									Location CHILICOTHE, OHIO		Building Number 9
									Issue Date 3/30/2022	Checked PQ	Drawn NM Drawing Number AD-101



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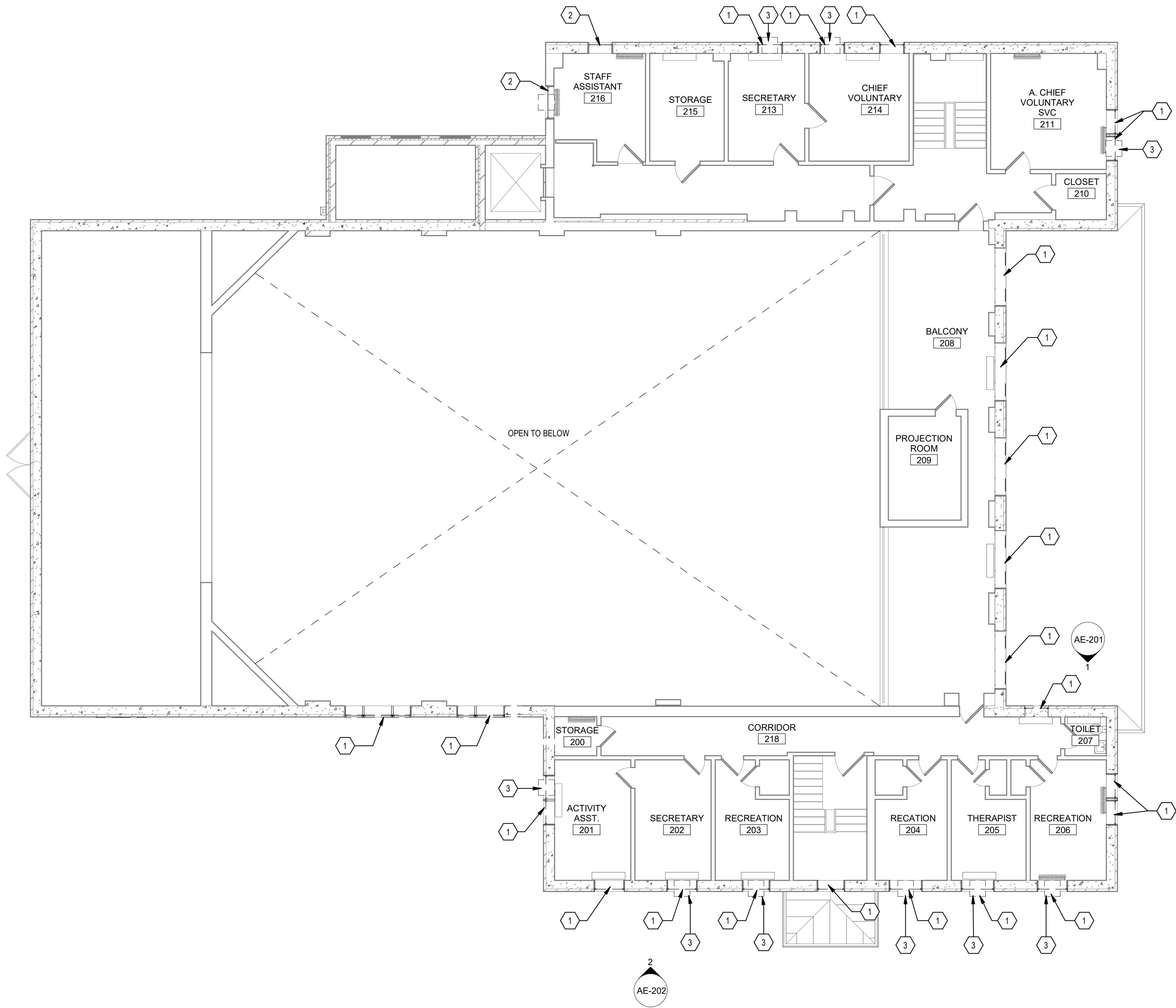
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GENERAL NOTES

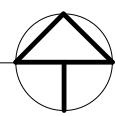
- A. REFER TO SHEET AE-701 FOR DOOR AND WINDOW TYPES AND SCHEDULES.  
B. ALL EXISTING CONSTRUCTION IS TO REMAIN UNLESS NOTED OTHERWISE.

DEMOLITION KEYNOTES

- 1 REMOVE EXISTING WINDOW, FRAME, GLAZING AND ASSOCIATED CONSTRUCTION. PREPARE EXISTING OPENING FOR NEW WINDOW CONSTRUCTION - EXISTING SECURITY BARS TO REMAIN - SEE ASBESTOS SPECIFICATIONS FOR ASBESTOS-RELATED SCOPE  
2 EXISTING WINDOW TO REMAIN. PROTECT DURING ALL PHASES OF CONSTRUCTION.  
3 REMOVE EXISTING WINDOW AIR CONDITIONING UNIT AND STORE FOR REUSE. COORDINATE STORAGE WITH OWNER.



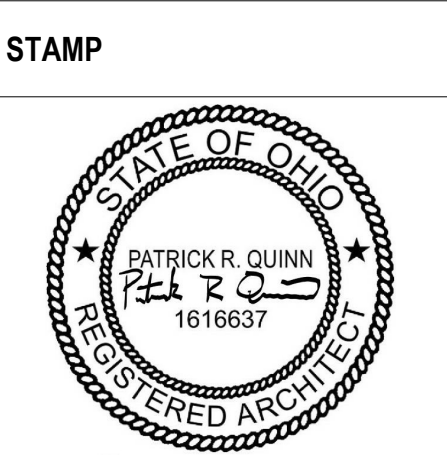
1 SECOND FLOOR - DEMOLITION PLAN  
1/8" = 1'-0"



CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
110 Boggs Lane   No 170 Springdale, OH 45246



STATION 538
VA U.S. Department of Veterans Affairs

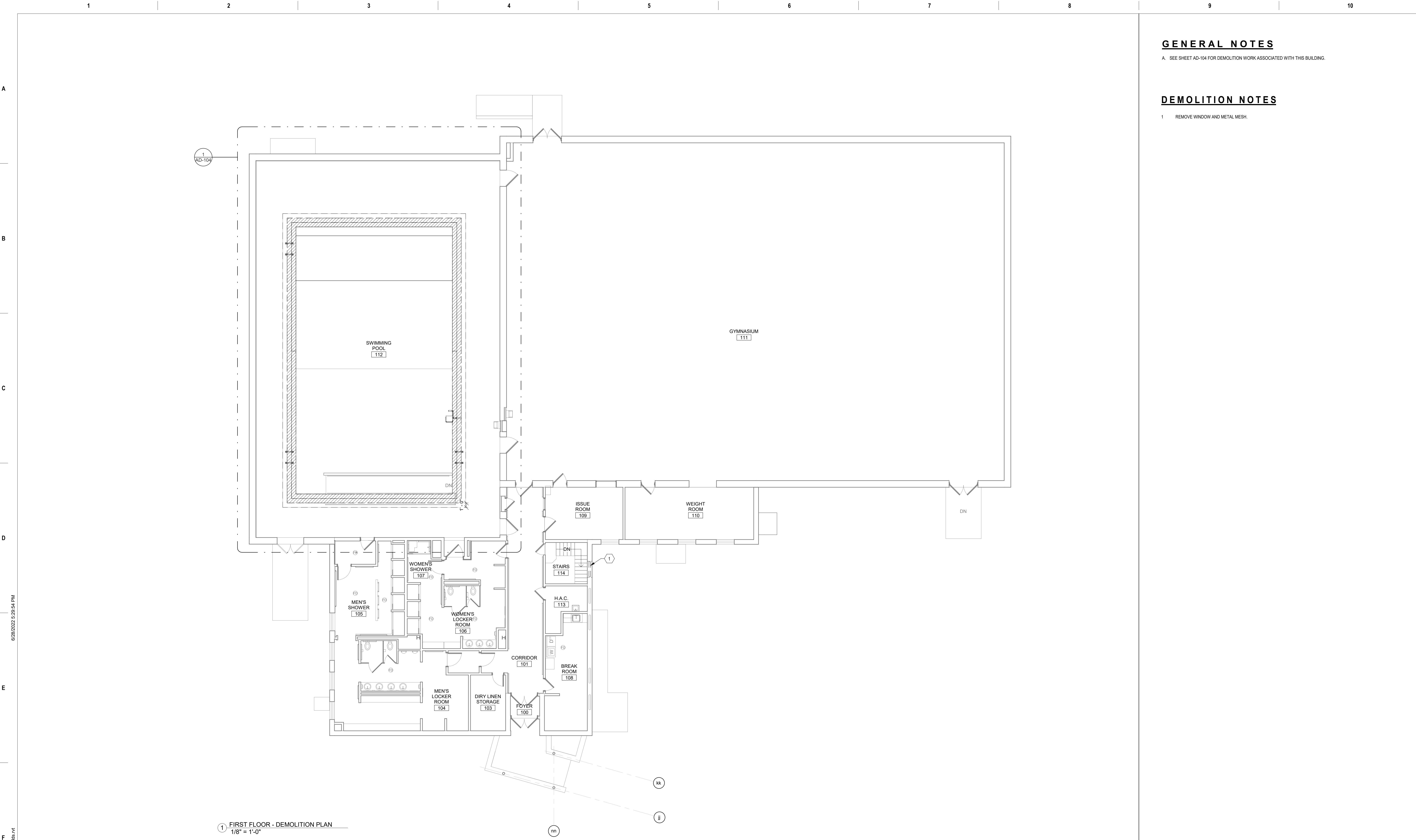
Drawing Title SECOND FLOOR - DEMOLITION PLAN - 9
Approved: Ryan Jeter

Phase CONSTRUCTION DOCUMENTS

Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL
Location CHILLICOTHE, OHIO
Issue Date 3/30/2022
Checked PQ
Drawn NM

Project Number 538-20-201
Building Number 9
Drawing Number AD-102







**GENERAL NOTES**

A. SEE SHEET AD-104 FOR DEMOLITION WORK ASSOCIATED WITH THIS BUILDING.

**DEMOLITION NOTES**

- 1 REMOVE WINDOW AND METAL MESH.

		CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Drawing Title OVERALL DEMOLITION PLAN - 247		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
				 110 Boggs Lane   No 170 Springdale, OH 45246				STATION 538		Approved: Ryan Jeter		Location CHILLICOTHE, OHIO		Building Number 247	
CONSTRUCTION DRAWINGS		06/28/2022						U.S. Department of Veterans Affairs						Issue Date 3/30/2022	
Revisions:		Date:						VA						AD-103	



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GENERAL NOTES

- A. SEE SHEET AD-104 FOR DEMOLITION WORK ASSOCIATED WITH THIS BUILDING.  
B. OMIT ALL WORK SHOWN ON THIS SHEET AS A PART OF DEDUCT ALTERNATE #1.

DEMOLITION NOTES

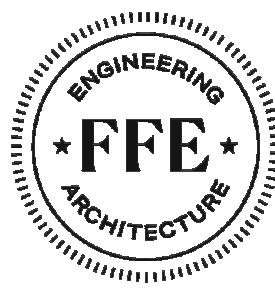
- 1 REMOVE EXISTING RED CERAMIC TILE, TRENCH DRAIN COVER, AND 1 FOOT OF TILE OUTSIDE OVERFLOW AROUND ENTIRE POOL. PREPARE EXISTING SLAB FOR NEW FINISH. EXISTING BULLNOSE COVER AND VERTICAL CERAMIC TILE TO REMAIN. (DIAGONAL HATCH AREA)  
2 REMOVE EXISTING RAILING, MOUNTING BRACKETS AND ASSOCIATED HARDWARE. PREPARE SLAB TO RECEIVE NEW HARDWARE AND BRACKET.  
3 EXISTING POOL CHAIR LIFT TO BE REMOVED AND STORED DURING DEMOLITION. PREPARE SLAB FOR REMOUNTING.  
4 EXISTING RAILING TO REMAIN.

1 FIRST FLOOR - DEMOLITION PLAN  
1/4" = 1'-0"

CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD



110 Boggs Lane | No 170  
Springdale, OH 45246

STAMP



STATION  
538



U.S. Department  
of Veterans Affairs

Drawing Title

ENLARGED DEMOLITION PLAN -  
POOL - 247

Approved: Ryan Jeter

Phase

CONSTRUCTION  
DOCUMENTS

Project Title

RENOVATE THERAPEUTIC POOL &  
RECREATION HALL

Location

CHILLICOTHE, OHIO

Issue Date

3/30/2022

Checked

PQ

Drawn

NM

Project Number

538-20-201

Building Number

247

Drawing Number

AD-104



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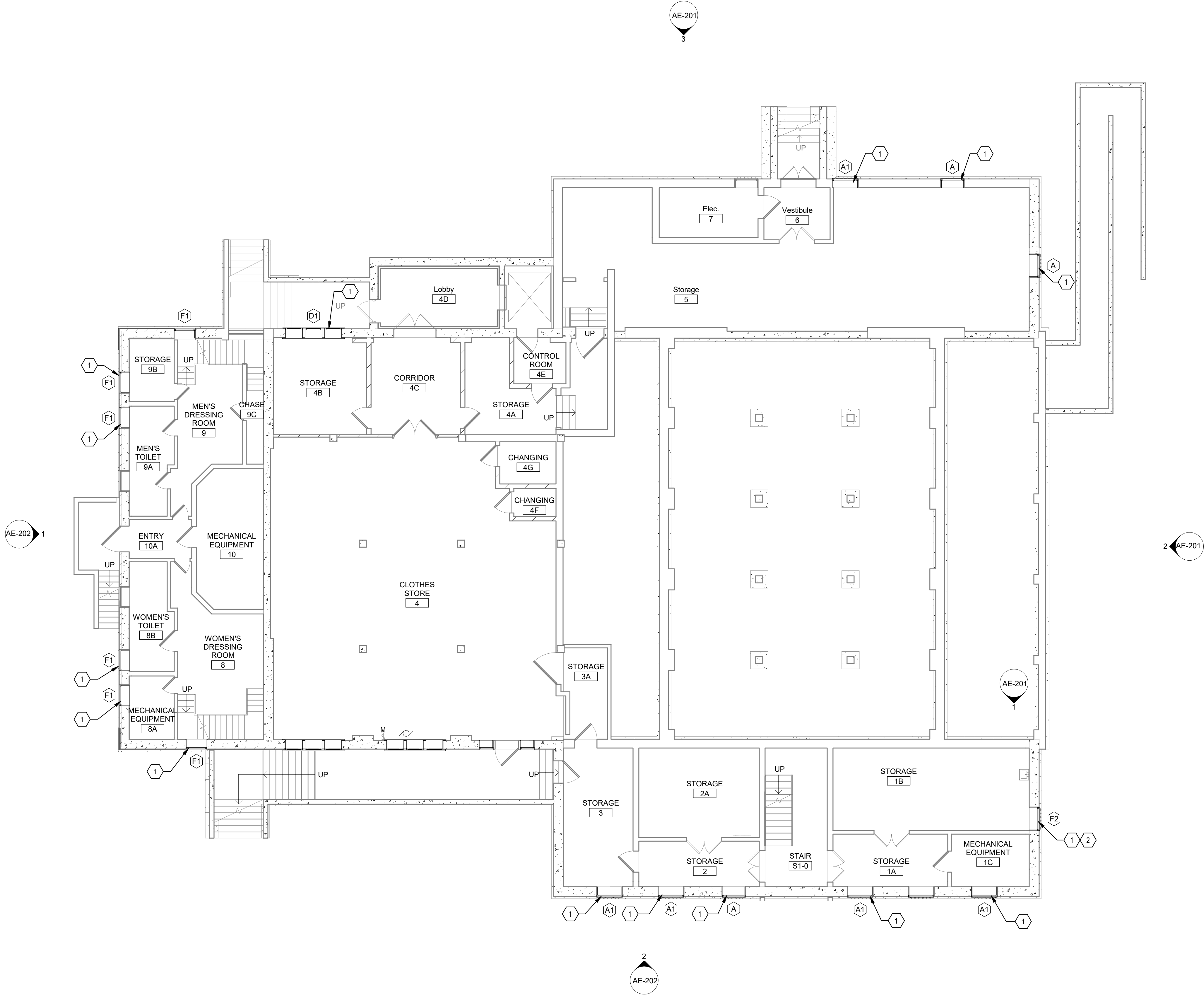
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GENERAL NOTES

- A. REFER TO SHEET AE-701 FOR DOOR AND WINDOW TYPES AND SCHEDULES.  
B. ALL EXISTING CONSTRUCTION IS TO REMAIN UNLESS NOTED OTHERWISE.

NEW WORK KEYNOTES

- 1 ALUMINUM HOPPER WINDOW - REFER TO DETAILS ON 9-AE701 FOR MORE INFORMATION.  
2 NEW LOUVER - SIZE PER SPECIFICATIONS.



1 BASEMENT - NEW WORK PLAN  
1/8" = 1'-0"

<div>CONSTRUCTION DRAWINGS</div> <div>Revisions:</div>	<div>06/28/2022</div> <div>Date:</div>	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	STATION 538	Drawing Title BASEMENT - NEW WORK PLAN - 9	Phase CONSTRUCTION DOCUMENTS	Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL	Project Number 538-20-201
						Approved: Ryan Jeter		Location CHILICOTHE, OHIO	Building Number 9
								Issue Date 3/30/2022	Drawing Number AE-100
								Checked PQ	Drawn NM



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GENERAL NOTES

- A. REFER TO SHEET AE-701 FOR DOOR AND WINDOW TYPES AND SCHEDULES.  
B. ALL EXISTING CONSTRUCTION IS TO REMAIN UNLESS NOTED OTHERWISE.

NEW WORK KEYNOTES

- 1 ALUMINUM DOUBLE HUNG WINDOW - REFER TO DETAILS ON AE-701 FOR MORE INFORMATION.  
2 NO WORK IN THIS AREA.  
3 NEW FABRIC AWNING ON EXISTING FRAME - CONTRACTOR SHALL VERIFY DIMENSIONS OF EXISTING FRAMING PRIOR TO AWNING FABRICATION.  
4 9'2" X 16'-0" FABRIC AWNING ON ALUMINUM FRAME - SUPPORT AT EXISTING BRICK WALL AND CONCRETE SIDEWALK PER MANUFACTURER'S RECOMMENDATIONS.  
5 LOWER URINAL TO MEET ACCESSIBILITY CODE - REFER TO SHEET GI-004. PATCH AND REPAIR WALL.  
6 RELOCATE TOILET ACCESSORIES PER MOUNTING DETAILS ON 1/GI004  
7 PATCH AND REPAIR WALL TILE TO MATCH ADJACENT CONSTRUCTION.  
8 REMOVE EXISTING DOOR FROM HINGES AND CLOSER - UNDERCUT 1/2" AT DOOR BOTTOM - REINSTALL DOOR.

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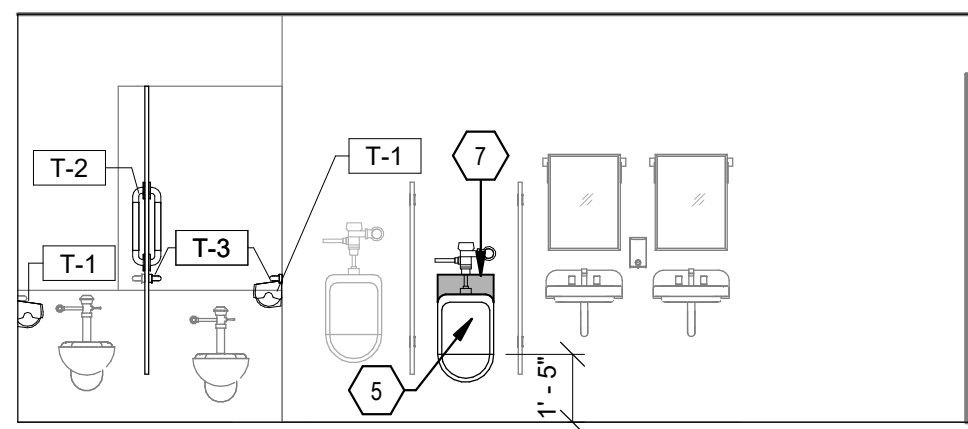
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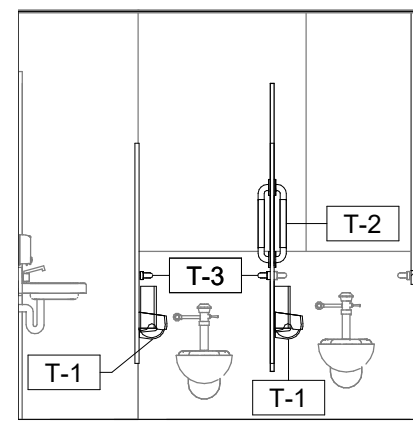
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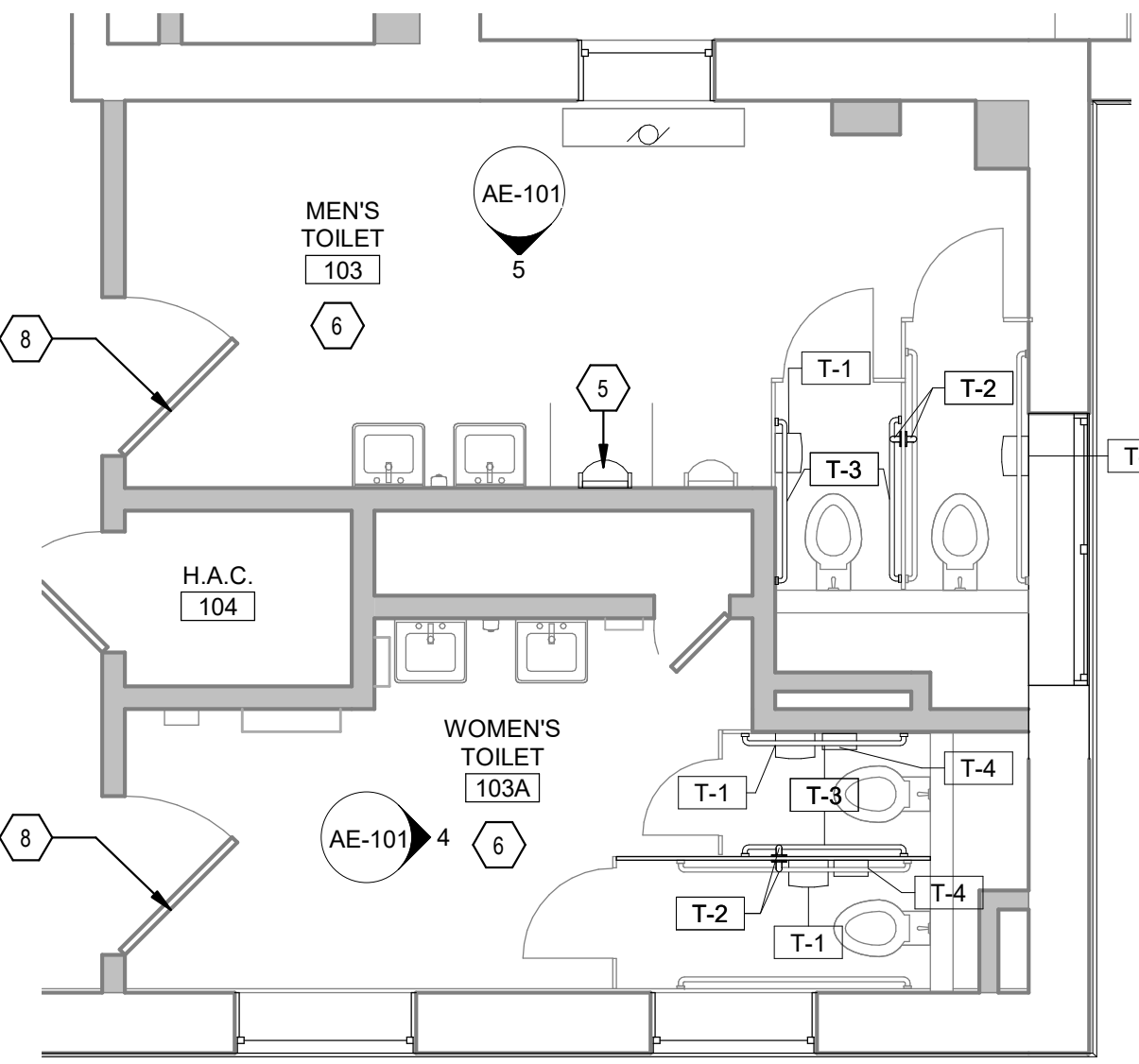
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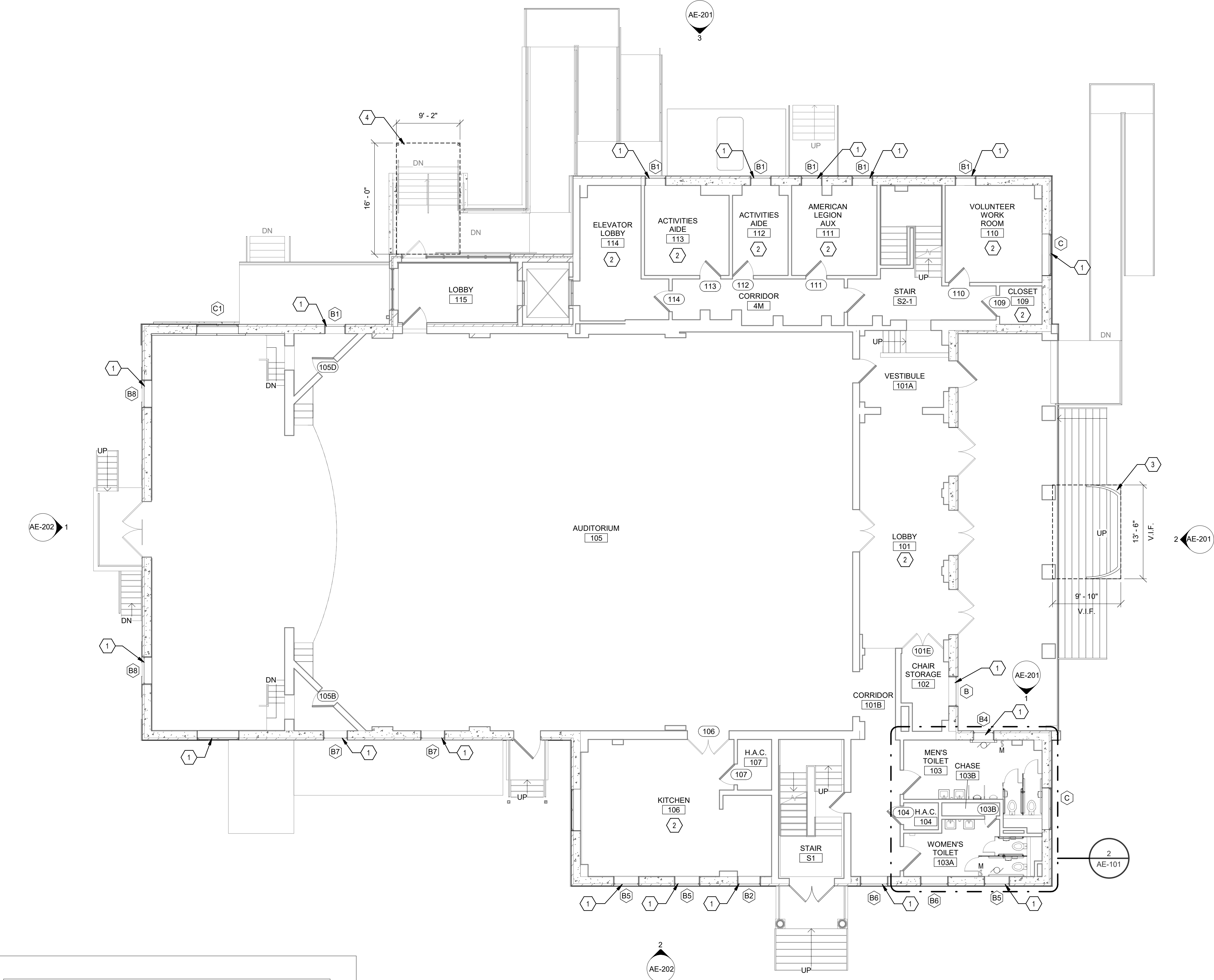
5 MEN'S ELEVATION - SOUTH  
1/4" = 1'-0"



4 WOMEN'S ELEVATION - EAST  
1/4" = 1'-0"



2 ENLARGED TOILET PLAN  
1/4" = 1'-0"



TOILET ACCESSORY SCHEDULE			
MARK	DESCRIPTION	COUNT	COMMENTS
T-1	TOILET PAPER DISPENSER	4	VC
T-2	NEW VERTICAL GRAB BAR	4	CC
T-3	GRAB BAR 42" LENGTH	4	CC
T-4	SANITARY NAPKIN DISPENSER	2	CC

- TOILET ACCESSORY NOTES:
1. TOILET ACCESSORIES SHALL BE MOUNTED/ REMOUNTED PER ACCESSIBILITY STANDARDS. REFER TO GI-004 FOR WALL MOUNTING HEIGHTS.  
2. PATCH AND REPAIR AS NEEDED FOR REMOUNTED OR NEW ITEMS.

1 FIRST FLOOR PLAN  
1/8" = 1'-0"

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

STAMP

STATION  
538

Drawing Title  
FIRST FLOOR - NEW WORK PLAN -  
9

Approved: Ryan Jeter

Phase  
CONSTRUCTION  
DOCUMENTS

Project Title  
RENOVATE THERAPEUTIC POOL &  
RECREATION HALL

Location  
CHILICOTHE, OHIO

Issue Date  
3/30/2022

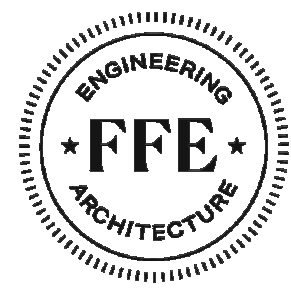
Checked  
PQ

Drawn  
NM

Project Number  
538-20-201  
Building Number  
9

Drawing Number  
AE-101

CONSTRUCTION DRAWINGS  
Revisions:  
06/28/2022  
Date:



110 Boggs Lane | No 170  
Springdale, OH 45246



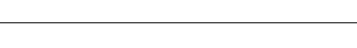
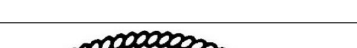

U.S. Department  
of Veterans Affairs



## NEW WORK KEYNOTES

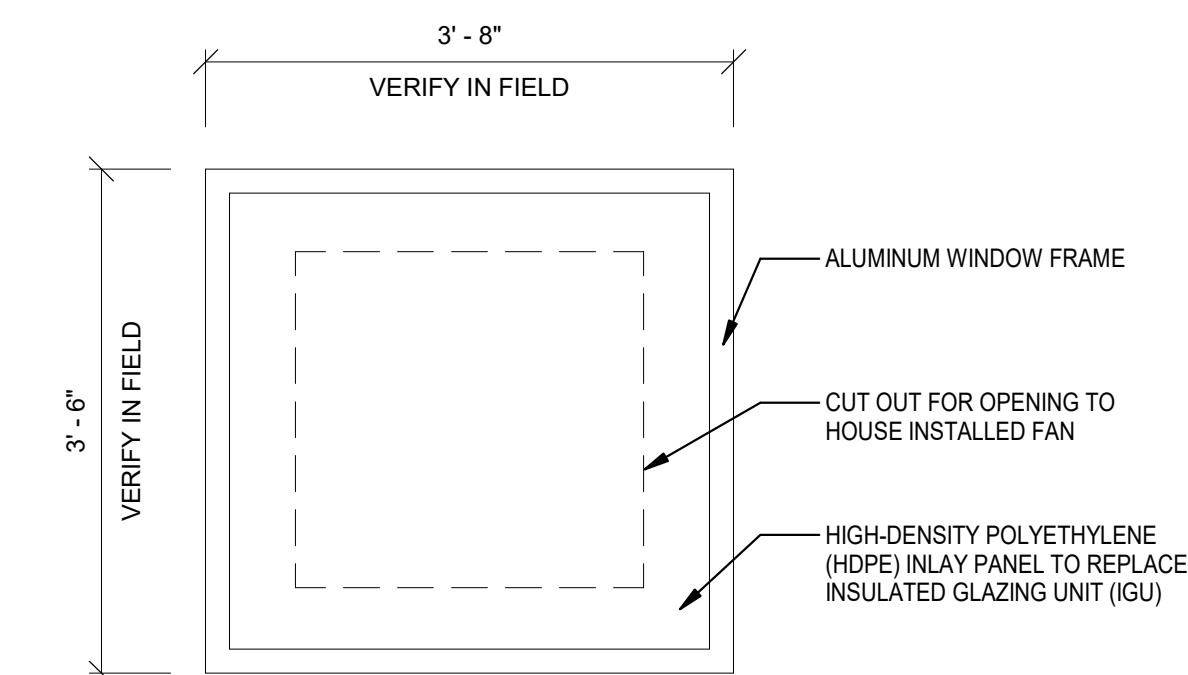
- 1 ALUMINUM DOUBLE HUNG WINDOW - REFER TO DETAILS ON AE-701 FOR MORE INFORMATION.
- 2 ALUMINUM ARCHED WINDOW. REFER TO DETAILS ON 9-AE701 FOR MORE INFORMATION.
- 3 9'-2" X 16'-0" FABRIC AWNING ON ALUMINUM FRAME - SUPPORT AT EXISTING BRICK WALL AND CONCRETE SIDEWALK PER MANUFACTURER'S RECOMMENDATIONS.
- 4 NO WORK IN THIS AREA.



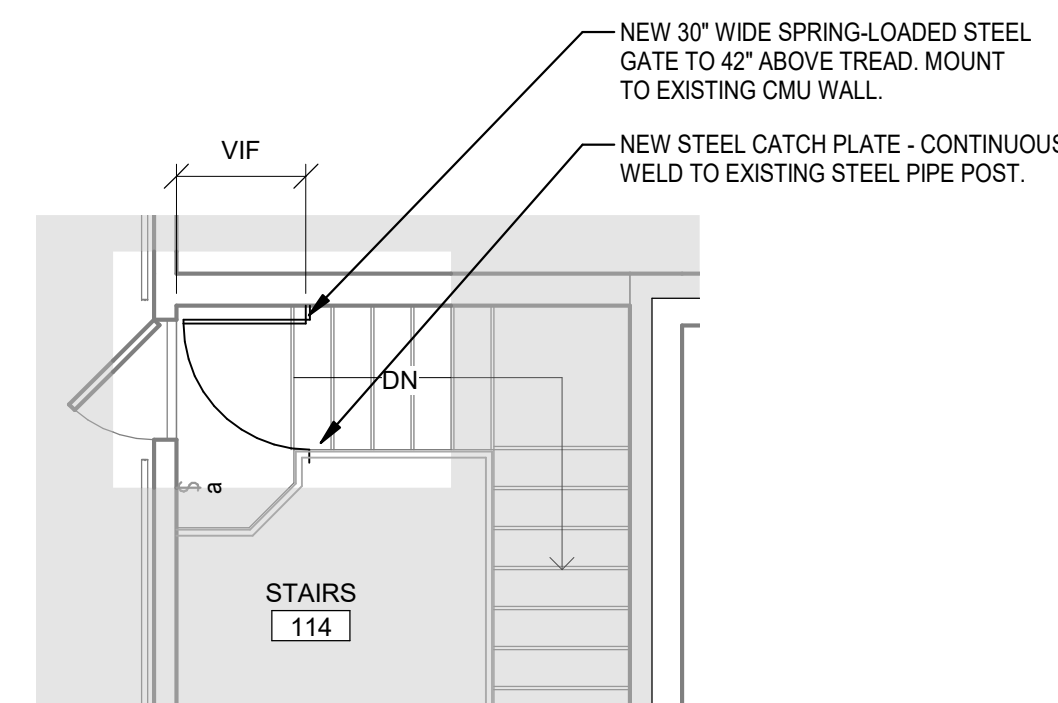
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	 <div>110 Boggs Lane   № 170 Springdale, OH 45246</div>			Approved: Ryan Jeter		<div>Location CHILLICOTHE, OHIO</div> <div> <div>Issue Date 3/30/2022</div> <div>Checked PQ</div> <div>Drawn NM</div> </div>	<div>Building Number 9</div> <div>Drawing Number AE-102</div>



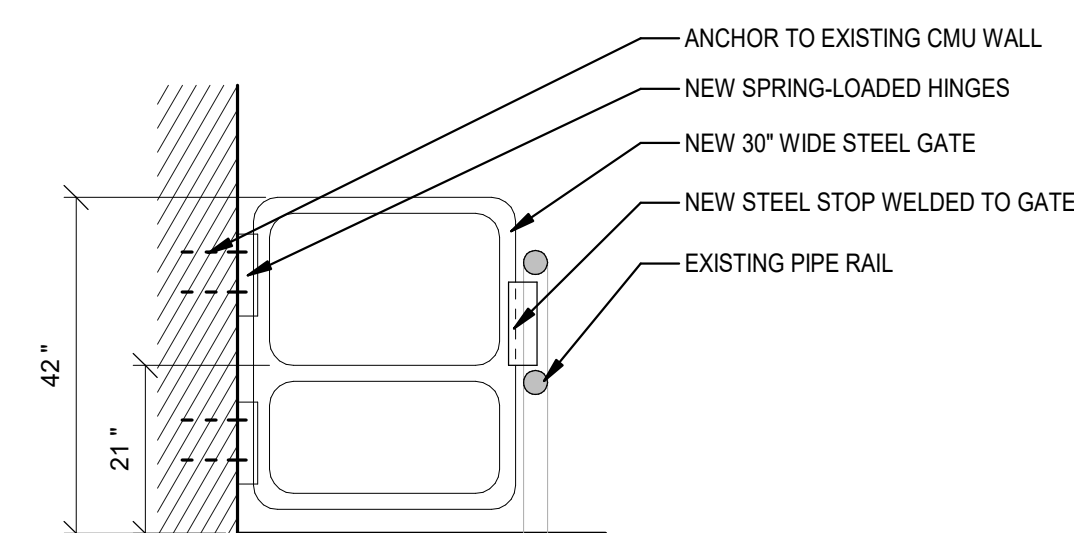
- 1 NEW RAILING AND HARDWARE MOUNTED TO EXISTING CONCRETE SLAB.
- 2 NEW RED CERAMIC TILE BORDER ON EACH SIDE OF OVERFLOW COVER TO MATCH EXISTING ADJACENT.
- 3 POOL LIFT TO BE REINSTALLED AND BROUGHT TO WORKING ORDER.
- 4 NEW METAL TRENCH DRAIN COVER AT PERIMETER OF EXISTING POOL.
- 5 EXISTING HANDRAIL TO REMAIN.
- 6 SPRING LOADED GATE FROM STAIR TO 42" AFF. MOUNT FROM EXISTING CMU WALL - REFER TO DETAIL ON THIS SHEET
- 7 INSTALL NEW ALUMINUM WINDOW FOR 36"X63 3/4" OPENING. VERIFY DIMENSIONS IN FIELD. WINDOW SHALL CONTAIN BLANK-OFF PANEL FOR MECHANICAL EQUIPMENT - REFER TO DETAIL 406-103 AND MECHANICAL DRAWINGS.



④ EXTERIOR WINDOW AT RM 114  
3/4" = 1'-0"






② SPRING LOADED GATE  
1/4" = 1'-0"



③ GATE ELEVATION  
1/2" = 1'-0"

① FIRST FLOOR - NEW WORK AND FINISH PLAN  
1/8" = 1'-0"

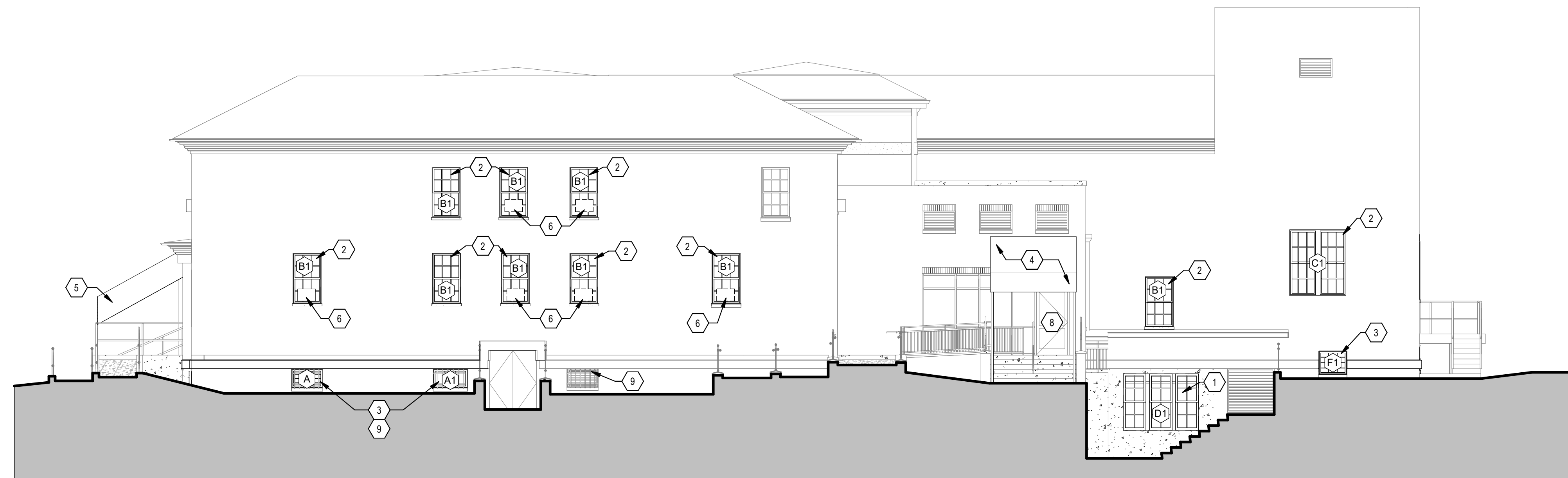
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				 <div>110 Boggs Lane   № 170 Springdale, OH 45246</div>						Approved: Ryan Jeter				Location CHILLICOTHE, OHIO		Building Number 247	
CONSTRUCTION DRAWINGS		06/28/2022												Issue Date 3/30/2022		Checked PQ	
Revisions:		Date:						 U.S. Department of Veterans Affairs						Drawn NM		AE-103	



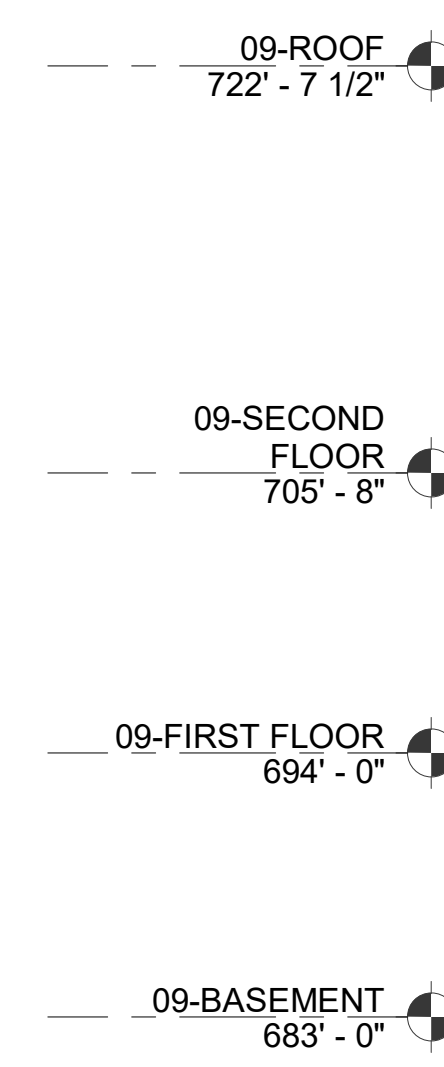
A. REFER TO SHEET AE-701 FOR DOOR AND WINDOW TYPES AND SCHEDULES.

B. ALL EXISTING CONSTRUCTION IS TO REMAIN UNLESS NOTED OTHERWISE.

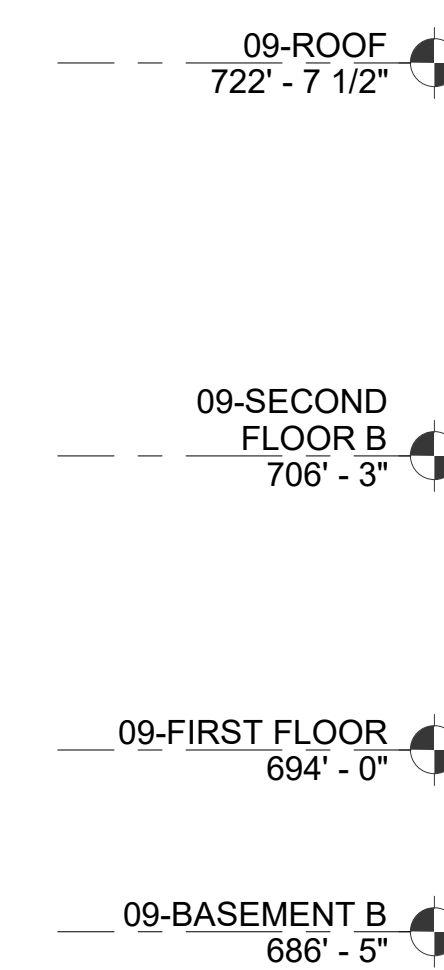
- 1 ALUMINUM WINDOW- REFER TO DETAILS ON AE-701 FOR MORE INFORMATION.
- 2 ALUMINUM DOUBLE HUNG WINDOW- REFER TO DETAILS ON AE-701 FOR MORE INFORMATION.
- 3 ALUMINUM WINDOW- REFER TO DETAILS ON 9-AE701 FOR MORE INFORMATION.
- 4 8" X 16" FABRIC AWNING ON ALUMINUM FRAME- SUPPORT AT EXISTING BRICK WALL AND CONCRETE SIDEWALK PER MANUFACTURER'S RECOMMENDATIONS.
- 5 NEW FABRIC AWNING ON EXISTING FRAME- CONTRACTOR SHALL VERIFY DIMENSIONS OF EXISTING FRAMING PRIOR TO AWNING FABRICATION.
- 6 EXISTING WINDOW AIR CONDITIONING UNIT- SEE MECHANICAL DRAWINGS
- 7 NEW LOUVER - SIZE PER SPECIFICATIONS.
- 8 DOOR NOT IN SCOPE- EXISTING TO REMAIN
- 9 EXTERIOR WINDOW BARS TO REMAIN.
- 10 HIGH DENSITY POLYETHYLENE PANELS TO REPLACE UPPER INSULATED GLAZING UNIT. CONTRACTOR TO CUT OPENING TO HOUSE FAN.





③ EXTERIOR ELEVATION - NORTH  
1/8" = 1'-0"



② EXTERIOR ELEVATION - EAST  
1/8" = 1'-0"



CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	STATION 538	Drawing Title	Project Number	Project Title	Project Number
	 <div>110 Boggs Lane   No 170 Springdale, OH 45246</div>			EXTERIOR ELEVATIONS - 9	538-20-201	RENOVATE THERAPEUTIC POOL & RECREATION HALL	538-20-201
			VA U.S. Department of Veterans Affairs	Approved: Ryan Jeter	CONSTRUCTION DOCUMENTS	Location CHILLICOTHE, OHIO	Building Number 9
						Issue Date 3/30/2022	Drawing Number AE-201
						Checked PQ	
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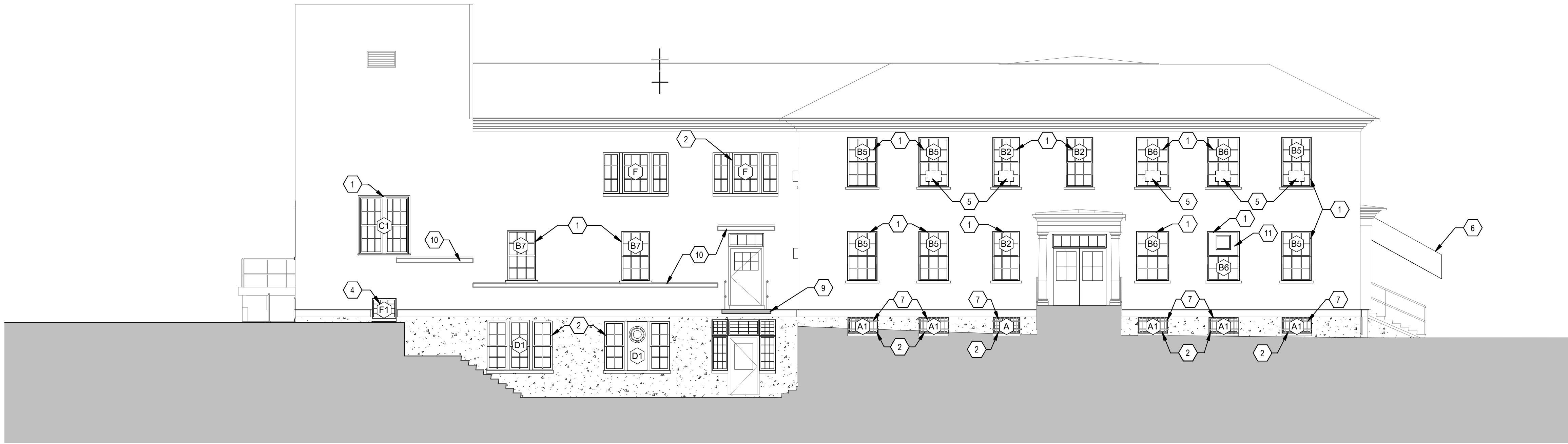
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GENERAL NOTES

- A. REFER TO SHEET AE-701 FOR DOOR AND WINDOW TYPES AND SCHEDULES.  
B. ALL EXISTING CONSTRUCTION IS TO REMAIN UNLESS NOTED OTHERWISE.

NEW WORK KEYNOTES

- 1 ALUMINUM DOUBLE HUNG WINDOW - REFER TO DETAILS ON AE-701 FOR MORE INFORMATION.  
2 ALUMINUM WINDOW. REFER TO DETAILS ON 9-AE701 FOR MORE INFORMATION.  
3 9'-2" X 16'-0" FABRIC AWNING ON ALUMINUM FRAME - SUPPORT AT EXISTING BRICK WALL AND CONCRETE SIDEWALK PER MANUFACTURER'S RECOMMENDATIONS.  
4 ALUMINUM HOPPER WINDOW - REFER TO DETAILS ON 9-AE701 FOR MORE INFORMATION.  
5 EXISTING WINDOW AIR CONDITIONING UNIT - SEE MECHANICAL DRAWINGS  
6 NEW FABRIC AWNING ON EXISTING FRAME - CONTRACTOR SHALL VERIFY DIMENSIONS OF EXISTING FRAMING PRIOR TO AWNING FABRICATION.  
7 EXTERIOR WINDOW BARS TO REMAIN.  
8 REMOVE LOOSE AND CHIPPING PAINT. MAKE SMOOTH AND PAINT.  
9 EXISTING SUSPENDED CONCRETE WALKWAY.  
10 EXISTING CANOPY.  
11 HIGH DENSITY POLYETHYLENE PANEL TO REPLACE UPPER INSULATED GLAZING UNIT. CONTRACTOR TO CUT OPENING TO HOUSE FAN.



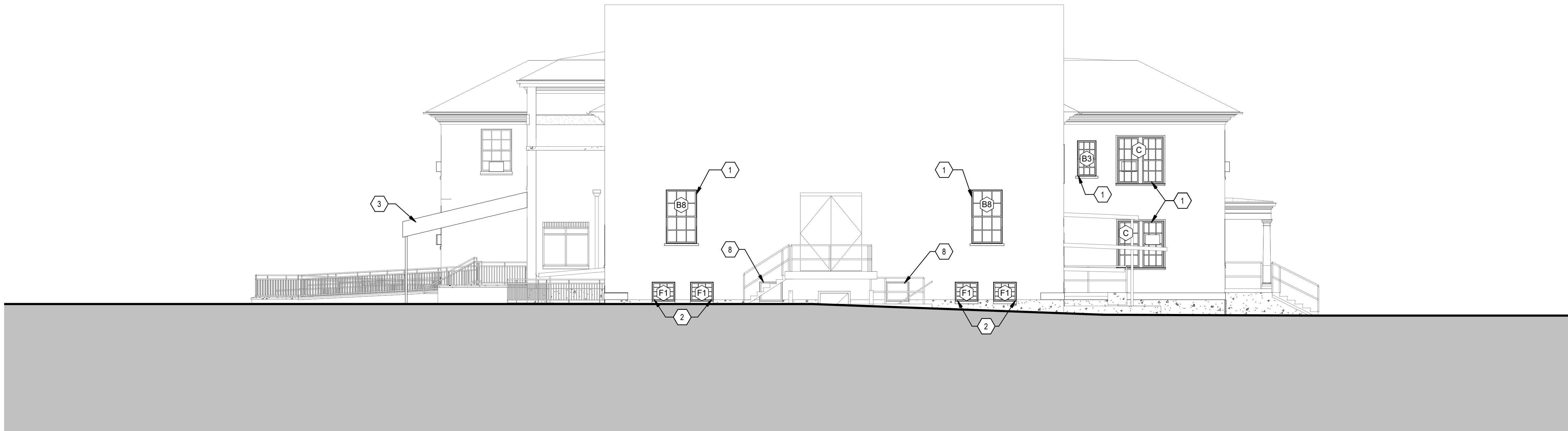
09-ROOF  
722' - 7 1/2"

09-SECOND FLOOR  
705' - 8"

09-FIRST FLOOR  
694' - 0"

09-BASEMENT  
683' - 0"

2 EXTERIOR ELEVATION - SOUTH  
1/8" = 1'-0"



09-ROOF  
722' - 7 1/2"

09-SECOND FLOOR  
705' - 8"

09-FIRST FLOOR  
694' - 0"

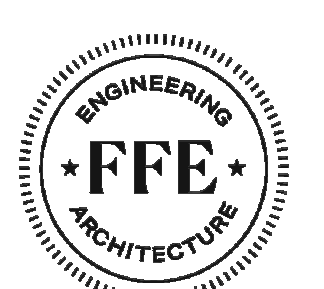
09-BASEMENT  
683' - 0"


1 EXTERIOR ELEVATION - WEST  
1/8" = 1'-0"

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CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

110 Boggs Lane   No 170 Springdale, OH 45246

STAMP


STATION 538
 U.S. Department of Veterans Affairs

Drawing Title EXTERIOR ELEVATIONS - 9
Approved: Ryan Jeter

Phase CONSTRUCTION DOCUMENTS

Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL
Location CHILLICOTHE, OHIO
Issue Date 3/30/2022
Checked PQ
Drawn NM

Project Number 538-20-201
Building Number 9
Drawing Number AE-202







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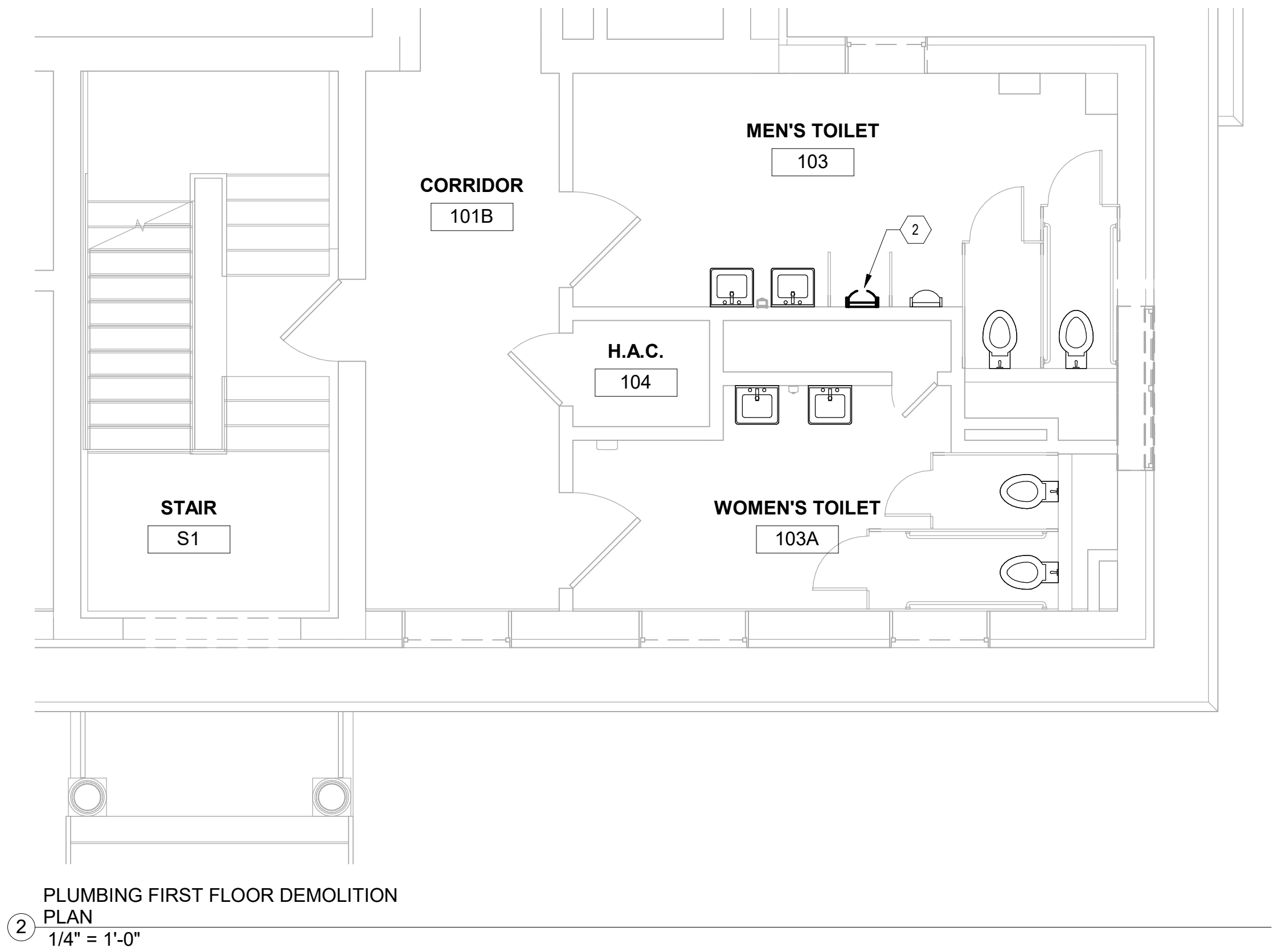
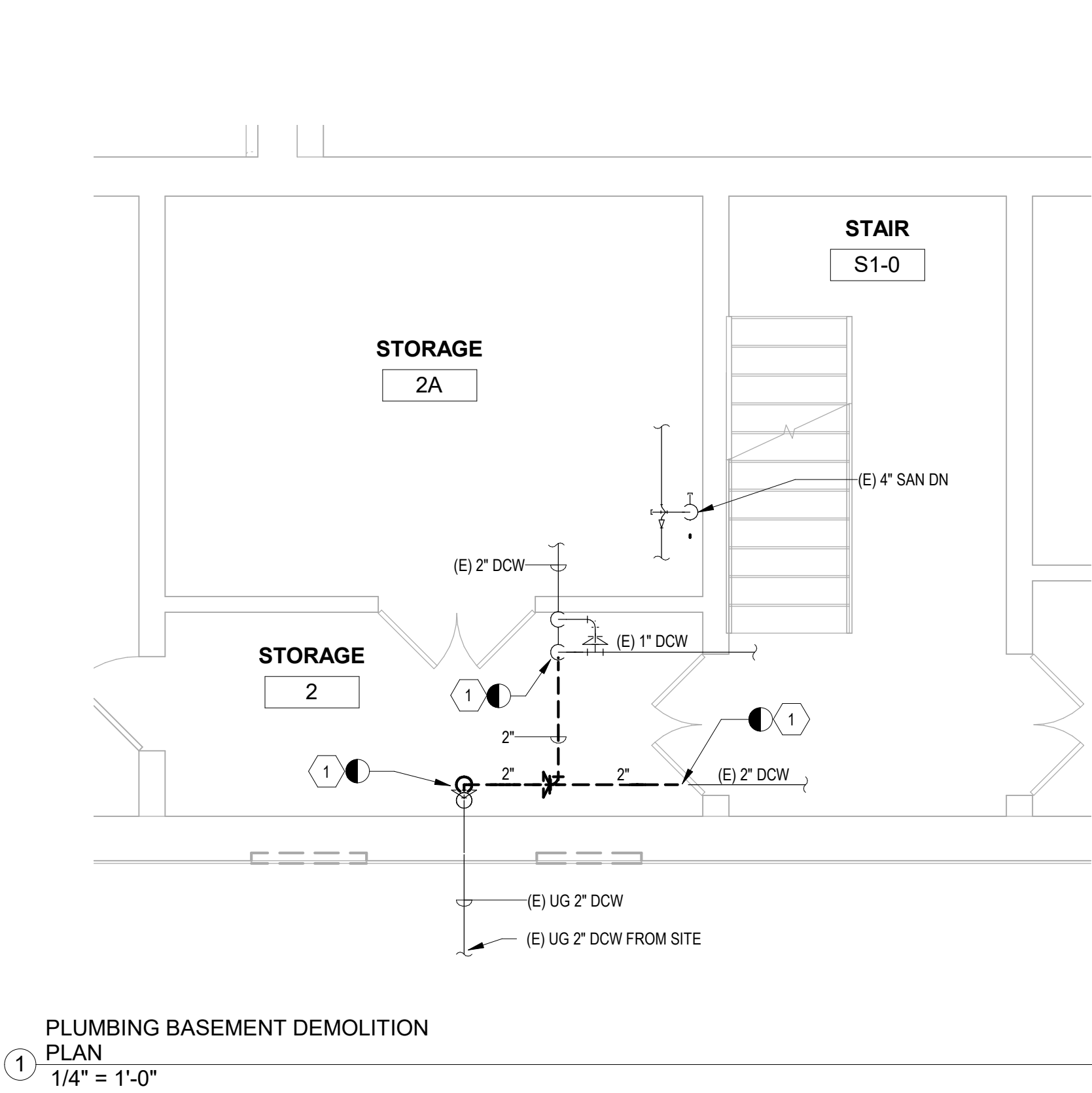


GENERAL NOTES:

- A. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND SUBMIT ANY DISCREPANCIES THAT MAY IMPEED THE PROGRESS OF WORK IN WRITING TO THE COR.
- B. REFER TO SHEET P-001 FOR LEGEND, ABBREVIATIONS, AND GENERAL PROJECT NOTES.

DRAWING NOTES:

1. REMOVE DCW PIPING AND ASSOCIATED ACCESSORIES BETWEEN POINTS SHOWN.
2. EXISTING URINAL TO BE RE-MOUNTED TO ADA HEIGHT IN NEW WORK PHASE OF CONSTRUCTION.



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CONSTRUCTION DRAWINGS	6/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
<div><div><div>ENGINEERING</div><div>FFE</div><div>ARCHITECTURE</div></div><div>110 Boggs Lane   No 170 Springdale, OH 45246</div></div>

STAMP
<div><div>STATE OF OHIO</div><div>GREGORY J. PEARSON E-80667 REGISTERED PROFESSIONAL ENGINEER</div><div>06/28/2022</div></div>

STATION 538
<div><div>VA</div><div>U.S. Department of Veterans Affairs</div></div>

Drawing Title PLUMBING DEMOLITION PLAN - 9
Approved: Ryan Jeter

Phase CONSTRUCTION DOCUMENTS

Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL
Location CHILLICOTHE, OHIO
Issue Date 6/28/2022
Checked PDP
Drawn GP

Project Number 538-20-201
Building Number 9
Drawing Number PD-101

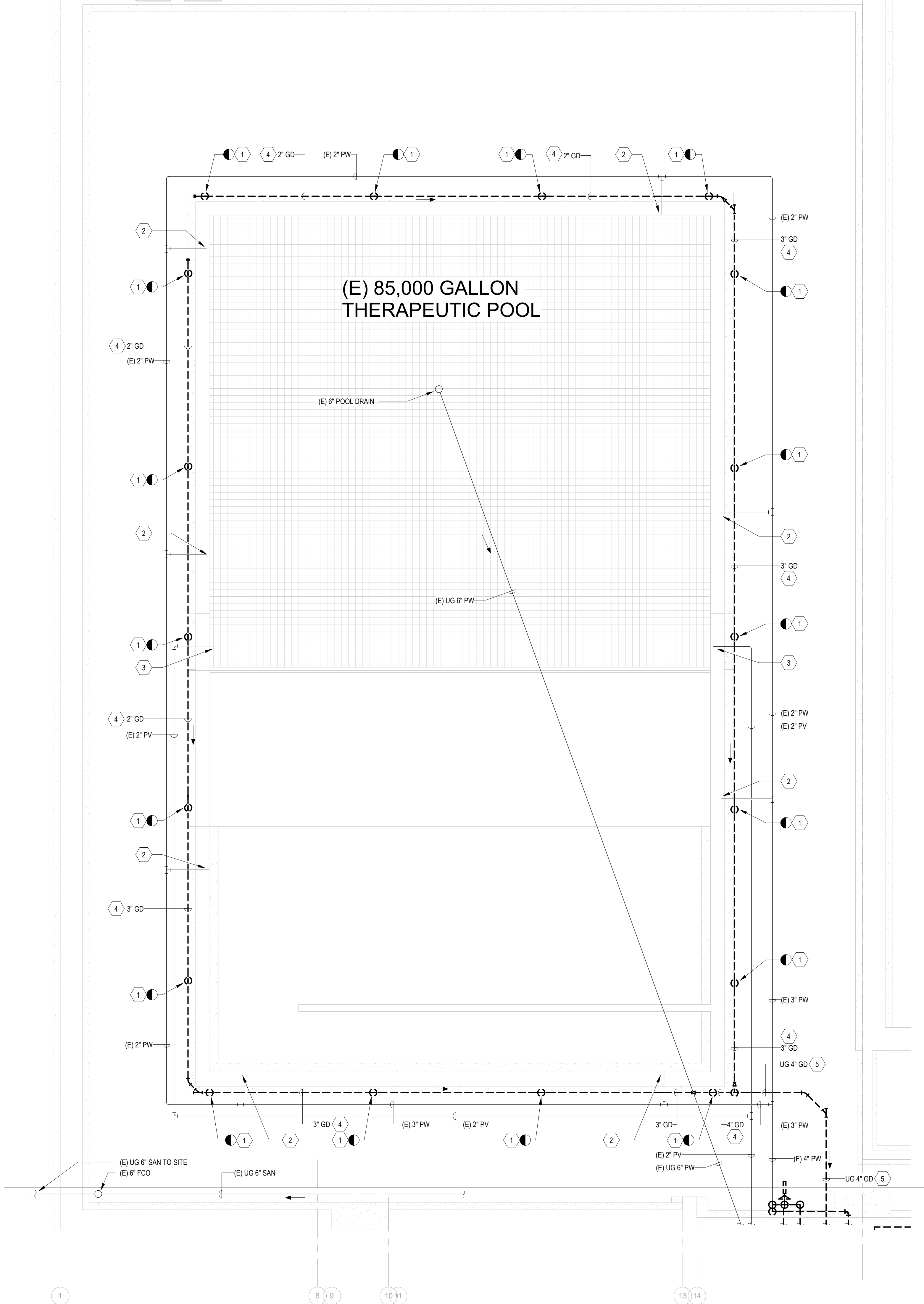


GENERAL NOTES:

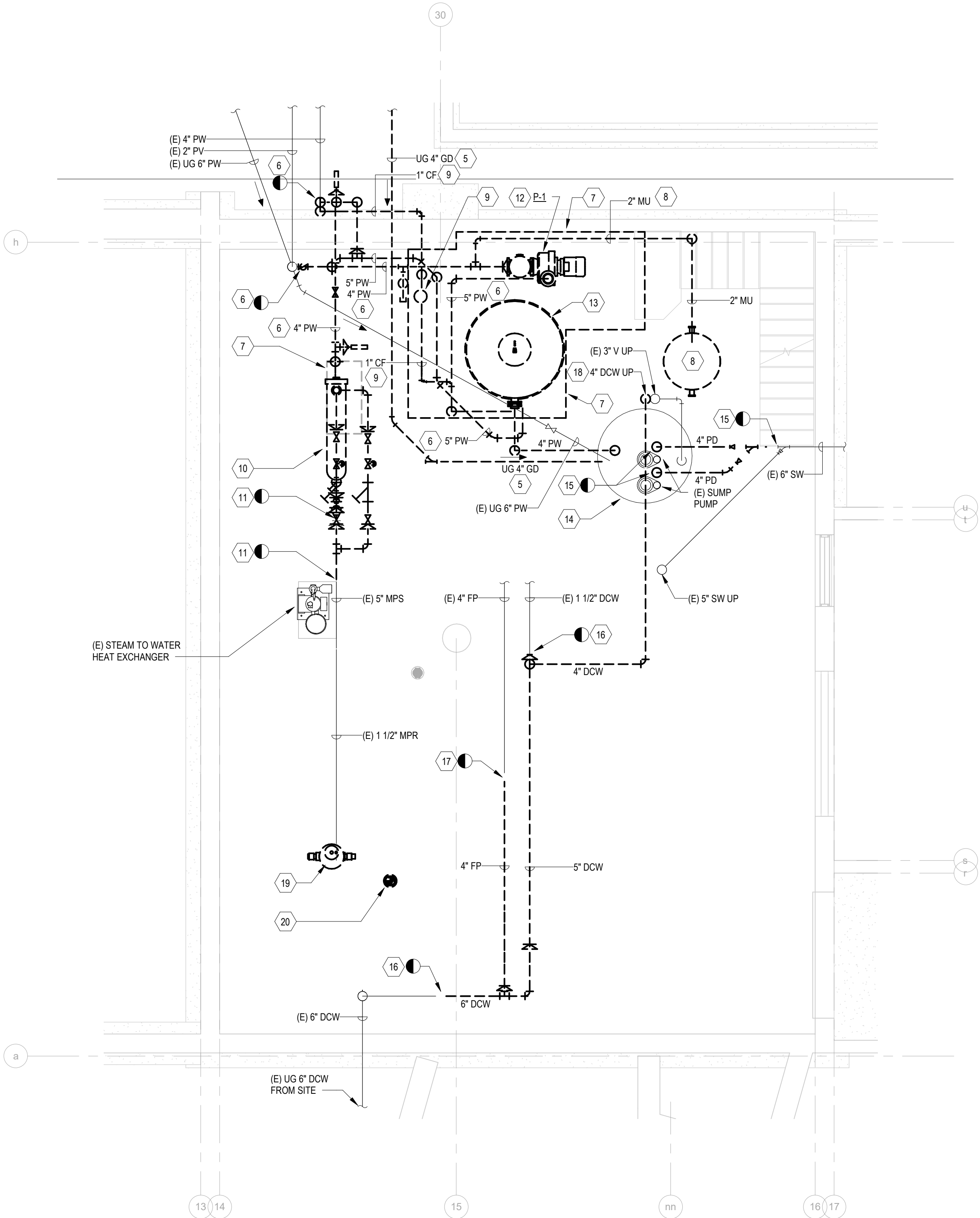
- A. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND SUBMIT ANY DISCREPANCIES THAT MAY IMPEED THE PROGRESS OF WORK IN WRITING TO THE COR.
- B. REFER TO SHEET P-001 FOR LEGEND, ABBREVIATIONS, AND GENERAL PROJECT NOTES.
- C. REFER TO SHEET PL-501 FOR POOL EQUIPMENT FLOW DIAGRAM.
- D. A POOL SPECIALIST SHALL OVERSEE SUBMITTALS, CONSTRUCTION, AND TESTING TO ENSURE OPERABILITY OF THE POOL SYSTEM EQUIPMENT. POOL SPECIALIST SHALL PRODUCE PICTURE DIAGRAM OPERATIONS AND MAINTENANCE MANUAL FOR SITE-SPECIFIC SETTINGS ON ALL POOL EQUIPMENT. ALSO SEE SECTION 1.24 (TESTS) AND 1.25 (INSTRUCTIONS) OF SPECIFICATION 01 00 00 - GENERAL REQUIREMENTS.

DRAWING NOTES:

1. REMOVE GRATING AND 2" POOL OVERFLOW GUTTER DRAIN DOWN FROM U-DRAIN SURROUNDING POOL. U-DRAIN TRENCH TO REMAIN.
2. POOL WATER JET NOZZLE AND PIPING TO REMAIN.
3. POOL VACUUM JET NOZZLE AND PIPING TO REMAIN.
4. REMOVE ALL ABOVEGROUND GUTTER DRAIN PIPING.
5. PLUG ALL UNDERGROUND GUTTER DRAIN PIPING WITH FLOWABLE FILL.
6. REMOVE POOL WATER PIPING AND ASSOCIATED ACCESSORIES BETWEEN POINTS SHOWN.
7. REMOVE CONCRETE EQUIPMENT PAD. FLOOR TO MATCH EXISTING CONCRETE FLOOR.
8. REMOVE POOL MAKE UP WATER TANK AND ASSOCIATED PIPING AND SUPPORTS.
9. REMOVE CHLORINE FEEDER AND ASSOCIATED PIPING AND PIPE ACCESSORIES.
10. REMOVE HEAT EXCHANGER AND ASSOCIATED PIPING.
11. REMOVE STEAM SUPPLY AND CONDENSATE PIPING AND ASSOCIATED ACCESSORIES BETWEEN POINTS SHOWN.
12. POOL WATER CIRCULATING PUMP, HAIR STRAINER, AND ASSOCIATED ACCESSORIES TO BE RE-USED AND RELOCATED. REFER TO NEW WORK DRAWINGS FOR RE-INSTALLATION AND NEW LOCATION OF PUMP.
13. POOL SAND FILTER TO BE RE-USED AND RELOCATED. REMOVE ASSOCIATED LINKAGE AND BACKWASH PIPING. REFER TO NEW WORK DRAWINGS FOR RE-INSTALLATION AND NEW LOCATION.
14. REMOVE SUMP PIT COVER AND REPLACE WITH NEW.
15. REMOVE PUMPED DISCHARGE PIPING AT OUTLET OF SUMP PUMP TO POINT SHOWN. SUMP PUMP TO REMAIN.
16. REMOVE DCW PIPING AND ASSOCIATED ACCESSORIES BETWEEN POINTS SHOWN.
17. REMOVE FIRE PROTECTION PIPING AND ASSOCIATED ACCESSORIES AT POINT SHOWN.
18. REMOVE DCW PIPING AND ASSOCIATED ACCESSORIES TO POOL MAKE UP WATER TANK.
19. REMOVE CONDENSATE PUMP.
20. REMOVE FLOOR DRAIN. TO BE REPLACED WITH FLOOR SINK IN NEW WORK. SAW CUT FLOOR AS NECESSARY.



PLUMBING DEMOLITION PLAN - POOL AREA  
1/4" = 1'-0"

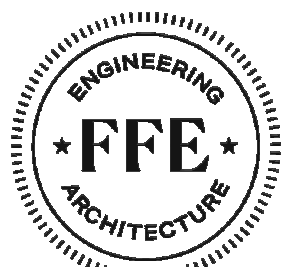


PLUMBING DEMOLITION PLAN - POOL MECHANICAL ROOM  
1/4" = 1'-0"

CONSTRUCTION DRAWINGS	6/28/2022
Revisions:	Date:

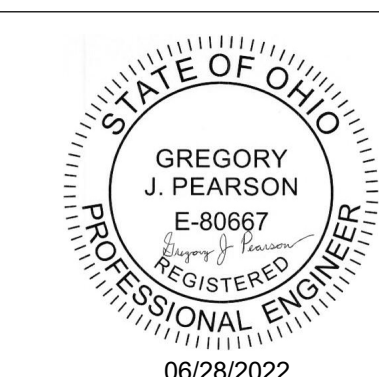
CONSULTANT

ARCHITECT/ENGINEER OF RECORD



110 Boggs Lane | № 170  
Springdale, OH 45246

STAMP



STATION  
538



U.S. Department  
of Veterans Affairs

Drawing Title

PLUMBING DEMOLITION PLAN -  
247

Approved: Ryan Jeter

Phase

CONSTRUCTION  
DOCUMENTS

Project Title

RENOVATE THERAPEUTIC POOL &  
RECREATION HALL

Location

CHILLICOTHE, OHIO

Issue Date

6/28/2022

Checked

PP

Drawn

GP

Project Number

538-20-201

Building Number

247

Drawing Number

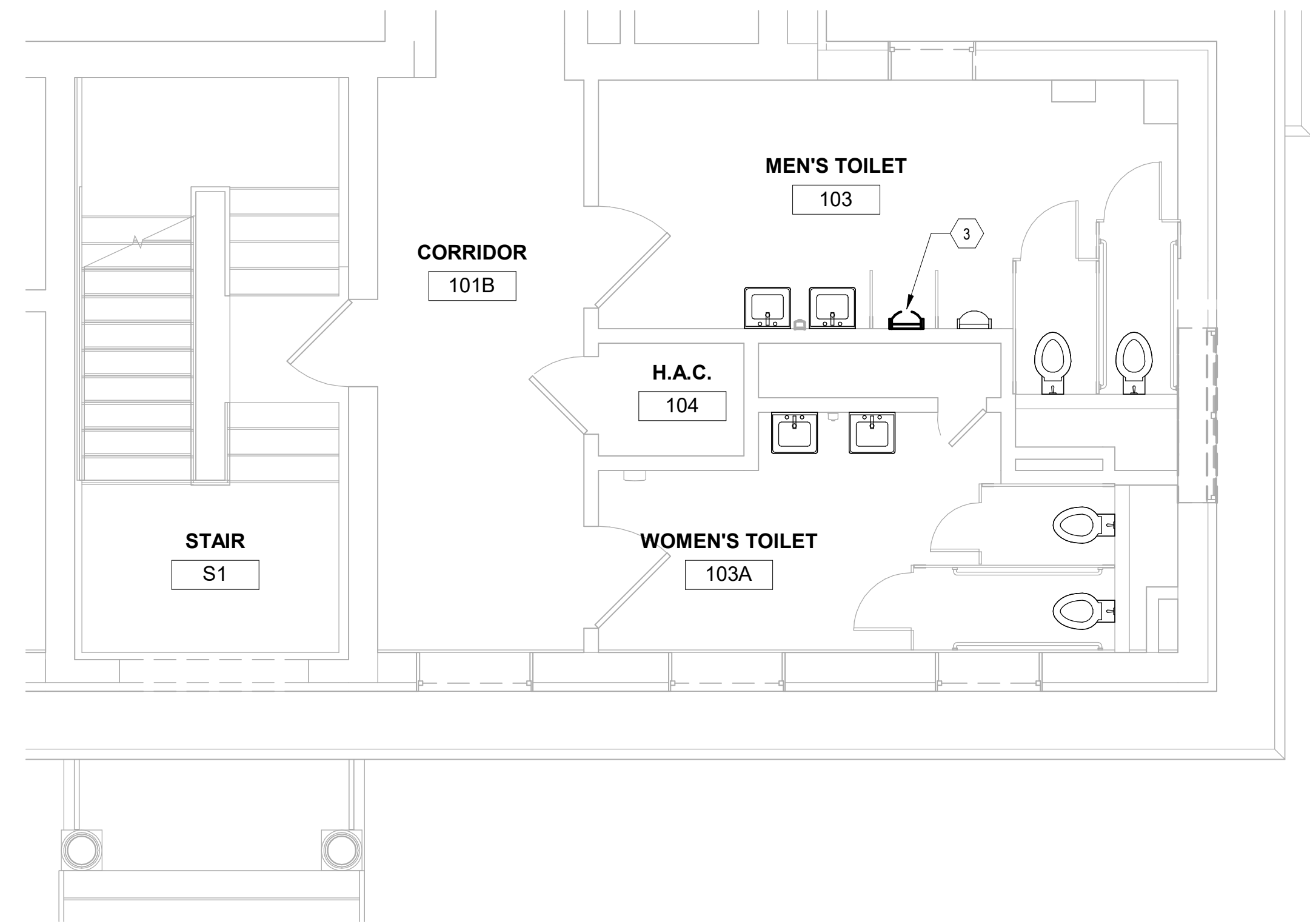
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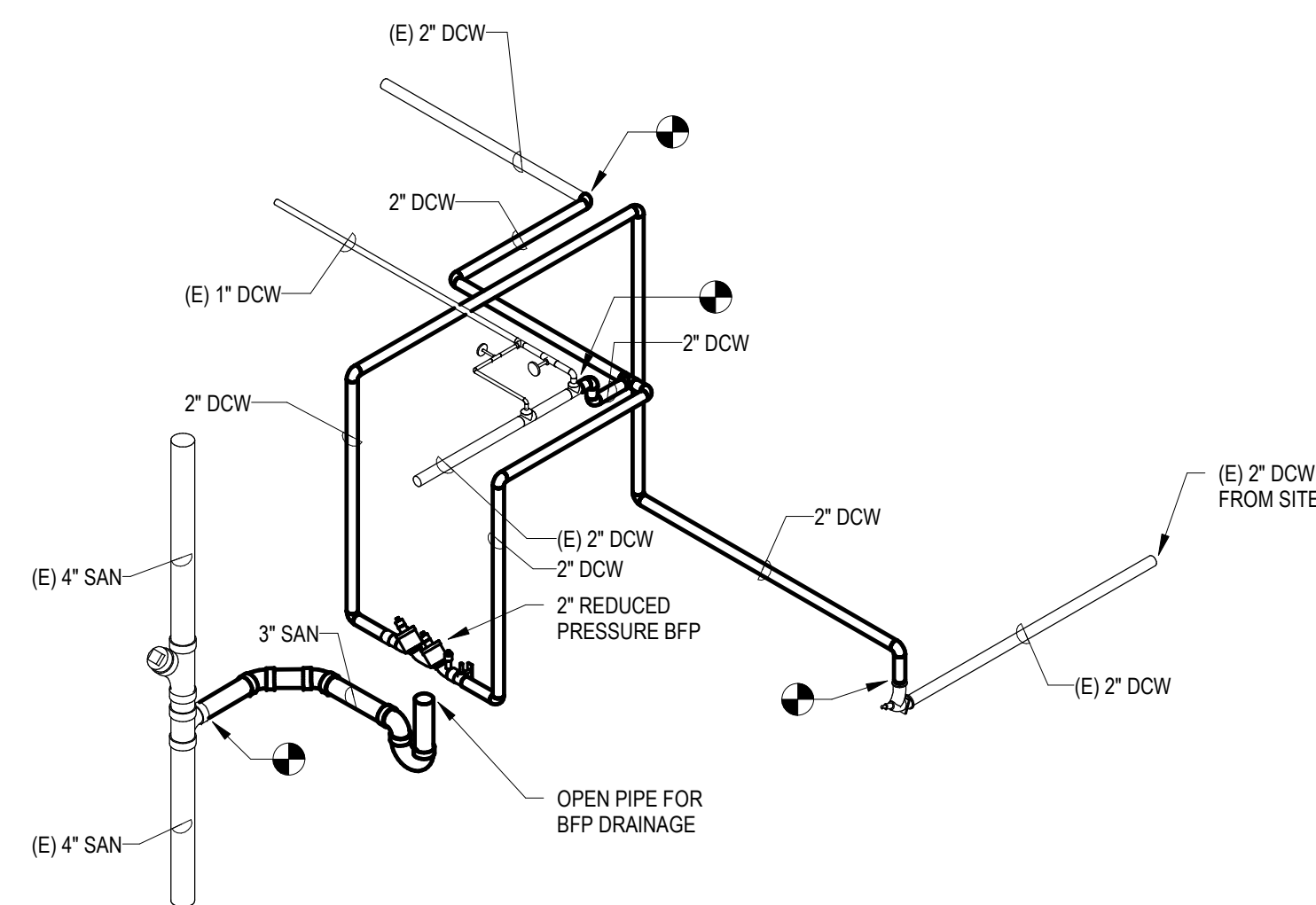
**DRAWING NOTES:**

- 1 CONNECT DCW PIPING TO EXISTING AT POINT SHOWN.
- 2 INSTALL 2" REDUCED PRESSURE BACKFLOW PREVENTER. CONNECT DRAIN TO EXISTING SANITARY PIPE STUB AT POINT SHOWN.
- 3 RE-USE EXISTING URINAL AND MOUNT AT ADA HEIGHT. RECONFIGURE ASSOCIATED PIPING AS NECESSARY.

- 1 CONNECT DCW PIPING TO EXISTING AT POINT SHOWN.
- 2 INSTALL 2" REDUCED PRESSURE BACKFLOW PREVENTER. CONNECT DRAIN TO EXISTING SANITARY PIPE STUB AT POINT SHOWN.
- 3 RE-USE EXISTING URINAL AND MOUNT AT ADA HEIGHT. RECONFIGURE ASSOCIATED PIPING AS NECESSARY.



PLUMBING FIRST FLOOR NEW WORK  
1 PLAN  
1/4" = 1'-0"



① PLAN  
1/4" = 1'-0"

CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	STATION 538	Drawing Title PLUMBING NEW WORK PLAN - 9	Phase CONSTRUCTION DOCUMENTS	Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL	Project Number 538-20-201	
	<div><div><div>ENGINEERING • FFE • ARCHITECTURE</div></div><div>110 Boggs Lane   № 170 Springdale, OH 45246</div></div>	<div><div>STATE OF OHIO</div><div>GREGORY J. PEARSON E-80667 REGISTERED PROFESSIONAL ENGINEER</div><div>06/28/2022</div></div>			Approved: Ryan Jeter		Location CHILLICOTHE, OHIO	Building Number 9
				<div>VA</div> <div>U.S. Department of Veterans Affairs</div>			Issue Date 6/28/2022	<div>Checked PDP</div> <div>Drawn GP</div>
							Drawing Number PL-101	

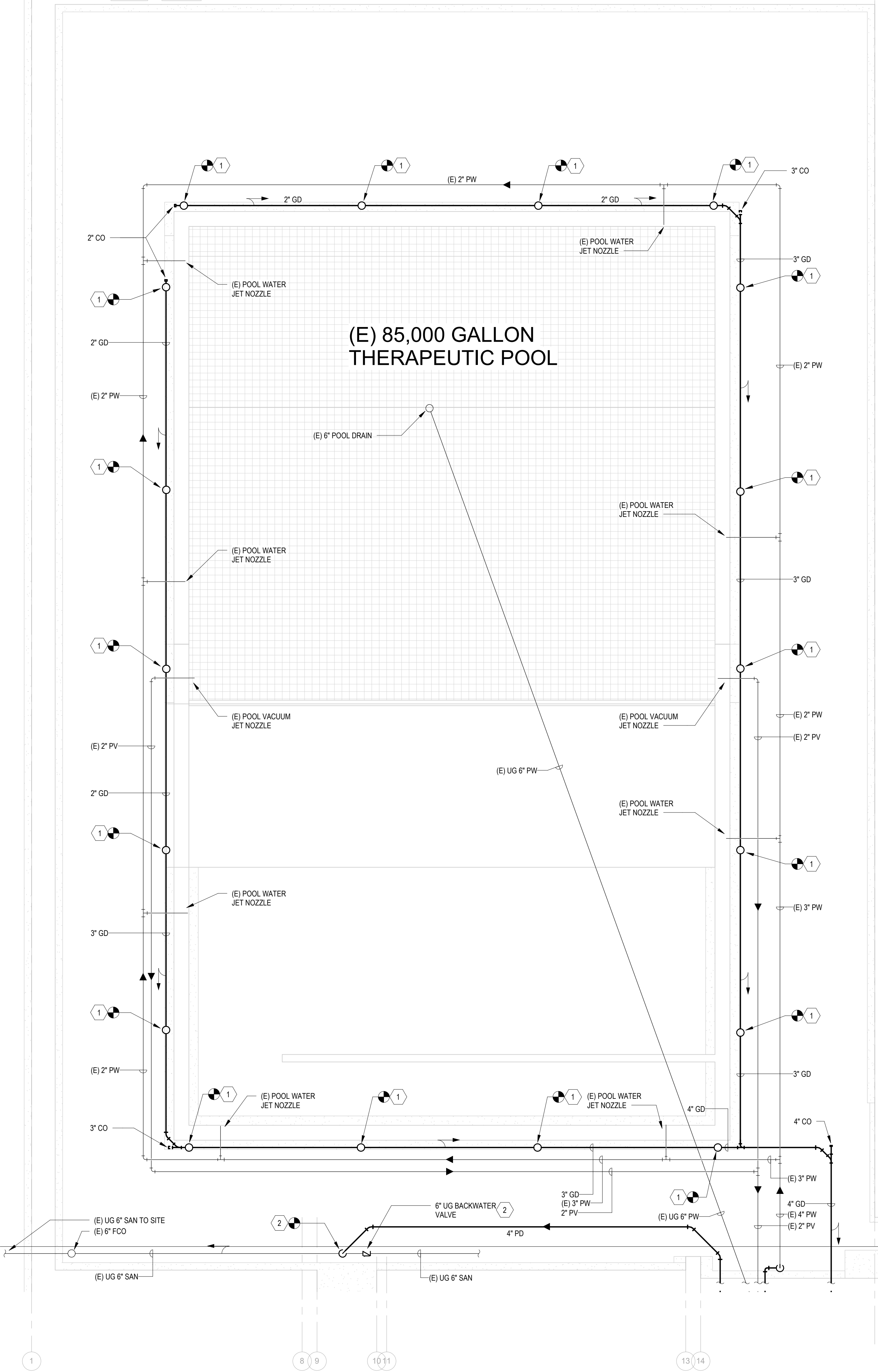


GENERAL NOTES:

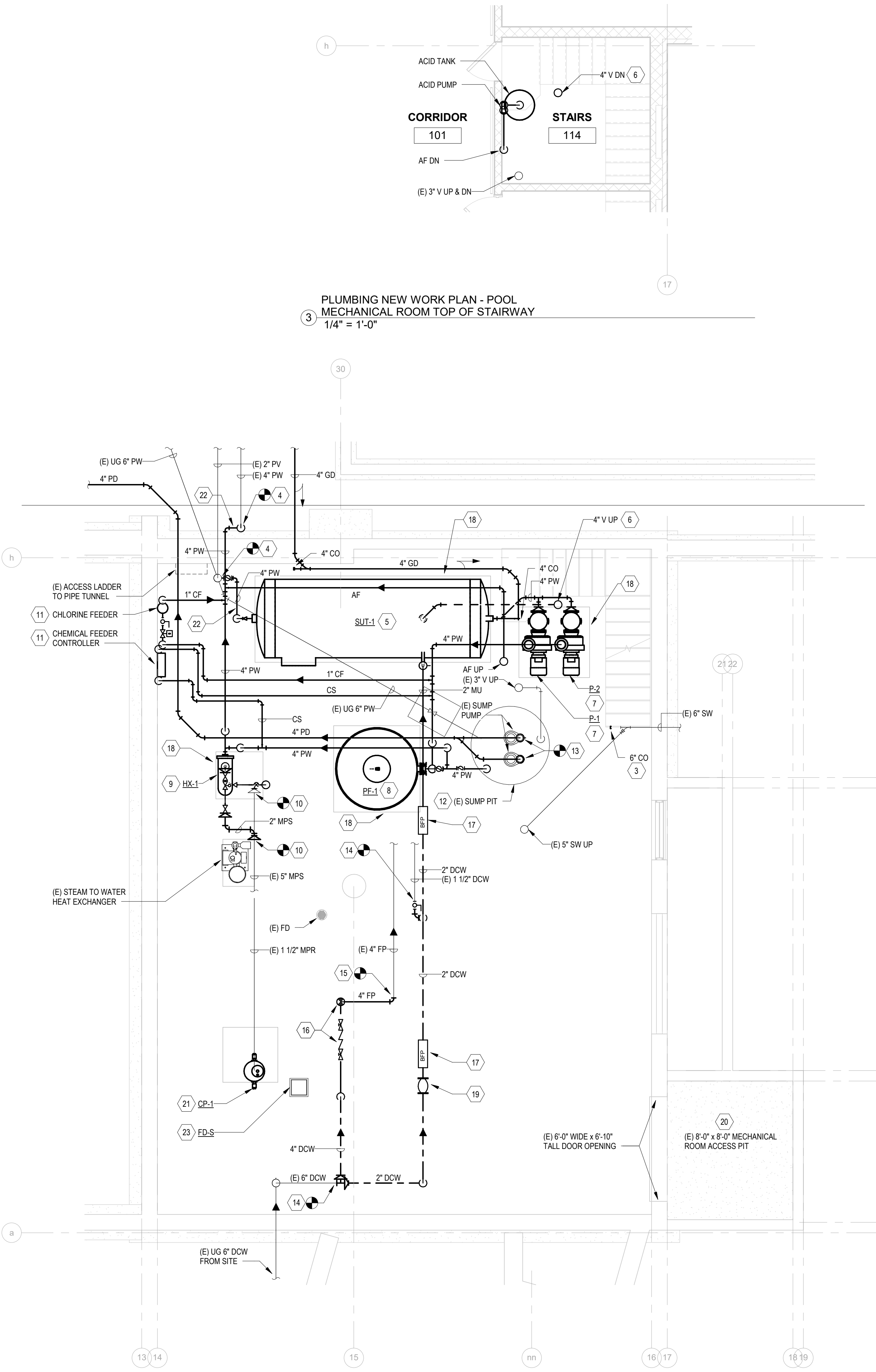
- A. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND SUBMIT ANY DISCREPANCIES THAT MAY IMPEED THE PROGRESS OF WORK IN WRITING TO THE COR.
- B. REFER TO SHEET P-001 FOR LEGEND, ABBREVIATIONS, AND GENERAL PROJECT NOTES.
- C. REFER TO SHEET PL-501 FOR POOL EQUIPMENT FLOW DIAGRAM.
- D. A POOL SPECIALIST SHALL OVERSEE SUBMITTALS, CONSTRUCTION, AND TESTING TO ENSURE OPERABILITY OF THE POOL SYSTEM EQUIPMENT. POOL SPECIALIST SHALL PRODUCE PICTURE DIAGRAM OPERATIONS AND MAINTENANCE MANUAL FOR SITE-SPECIFIC SETTINGS ON ALL POOL EQUIPMENT. ALSO SEE SECTION 1.24 (TESTS) AND 1.25 (INSTRUCTIONS) OF SPECIFICATION 01 00 00 - GENERAL REQUIREMENTS.

DRAWING NOTES:

1. CONNECT NEW 2" GUTTER DRAIN PIPING TO EXISTING U-DRAIN OUTLETS SURROUNDING POOL. PROVIDE NEW COVER GRATING FOR U-DRAIN. PROVIDE SPRAY LINER ON EXISTING U-DRAIN.
2. CONNECT PUMPED DISCHARGE PIPING TO UNDERGROUND SANITARY PIPING AT POINT SHOWN. INSTALL ACCESSIBLE 6" BACKWATER VALVE. SAW CUT FLOOR AS NECESSARY. BACKFILL AND PATCH FLOOR TO MATCH EXISTING AFTER INSTALLATION OF PIPING AND BACKWATER VALVE.
3. INSTALL CLEANOUT AT PREVIOUS POINT OF REMOVAL OF PUMPED DISCHARGE PIPING INTO STORM WATER PIPING.
4. CONNECT POOL WATER PIPING TO EXISTING AT POINT SHOWN.
5. NEW HORIZONTAL POOL SURGE TANK. TANK TO BE DELIVERED IN 2 PIECES AND ASSEMBLED INSIDE MECHANICAL ROOM. EACH PIECE MUST BE ABLE TO FIT THROUGH 6'-0" WIDE BY 6'-10" TALL DOOR OPENING AFTER BEING LOWERED INTO 8'-0" BY 8'-0" ACCESS PIT. REFER TO POOL SURGE TANK DETAIL ON SHEET PL-501 AND SCHEDULE ON SHEET PL-501.
6. VENT TO TERMINATE IN STAIRWELL ABOVE POOL WATER ELEVATION.
7. RELOCATE EXISTING POOL WATER CIRCULATING PUMP (P-1), HAIR STRAINER, AND ASSOCIATED ACCESSORIES. INSTALL NEW POOL CIRCULATING PUMP WITH HAIR AND LINT STRAINER (P-2). PROVIDE LOCAL CONTROLS FOR PUMP ALTERNATING USE. REFER TO POOL FLOW DIAGRAM ON SHEET PL-501.
8. RELOCATED POOL SAND FILTER. INSTALL VA PROVIDED FILTER LINKAGE. ROUTE BACKWASH TO EXISTING SUMP PIT. PROVIDE MANUAL BUTTERFLY VALVE ON FILTER BACKWASH LINE.
9. NEW HEAT EXCHANGER. PROVIDE WITH STEAM AND POOL WATER CONNECTIONS. INSTALL TEMPERATURE CONTROL VALVES ON STEAM SUPPLY PIPING TO LIMIT OUTLET TEMPERATURE OF POOL WATER TO 94 DEGREES F. PROVIDE WITH FLOW SWITCH, STEAM CONDENSATE TRAP, AND PRESSURE RELIEF VALVE. REFER TO HEAT EXCHANGER PIPING CONNECTIONS DETAIL, SEQUENCE OF OPERATION FOR CONTROL TEMPERATURE VALVE TO HS-1, AND POOL FLOW DIAGRAM ON SHEET PL-501.
10. CONNECT STEAM SUPPLY AND RETURN PIPING TO EXISTING AT POINT SHOWN.
11. NEW AUTOMATIC CHEMICAL FEEDER SYSTEM. PROVIDE WITH CONTROLLER, ACID TANK, ACID 38 GPD PERISTALTIC PUMP, IN-LINE FLOW SWITCH AND FILTER, BLACK 3/8" TUBING, CLEAR 7/16" TUBING, ORP AND PH PROBES, SOLENOID KIT, AND HIGH CAPACITY CHLORINE FEEDER. REFER TO POOL FLOW DIAGRAM ON SHEET PL-501.
12. PROVIDE NEW REMOVABLE GRATING FOR SUMP PIT.
13. CONNECT PUMPED DISCHARGE PIPING TO EXISTING SUMP PUMP OUTLET. PROVIDE WITH GATE AND CHECK VALVE AT EACH PUMP OUTLET.
14. CONNECT DCW PIPING TO EXISTING AT POINT SHOWN.
15. CONNECT FIRE SPRINKLER PIPING TO EXISTING AT POINT SHOWN.
16. INSTALL 4" DOUBLE CHECK DETECTOR BACKFLOW PREVENTER WITH TAMPER SWITCHES, SWING CHECK VALVE, AND FLOW SWITCH FOR FIRE SPRINKLER PIPING. DRAIN TO NEAREST FLOOR DRAIN.
17. INSTALL 2" REDUCED PRESSURE BACKFLOW PREVENTER. DRAIN TO NEAREST FLOOR DRAIN.
18. PROVIDE 4" CONCRETE HOUSEKEEPING PAD FOR NEW EQUIPMENT. REFER TO CONCRETE EQUIPMENT BASES DETAIL ON SHEET PL-501.
19. INSTALL 2" IN-LINE COMPOUND WATER METER.
20. REMOVE AREA GRATING AND SUPPORT BEAMS ABOVE MECHANICAL ROOM ACCESS PIT AS NECESSARY FOR DELIVERY OF MAJOR EQUIPMENT TO MECHANICAL ROOM. RE-INSTALL AREA GRATING AND SUPPORTS AFTER DELIVERY.
21. NEW CONDENSATE PUMP IN EXACT LOCATION AS REMOVED CONDENSATE PUMP. RECONNECT TO EXISTING CONDENSATE PIPING. REFER TO CONDENSATE PUMP PIPING CONNECTIONS DETAIL ON SHEET PL-501.
22. INSTALL TEMPERATURE PROBE SENSOR IN POOL WATER LINE. CONNECT PROBE SENSOR TO TEMPERATURE CONTROL VALVE FOR HS-1.
23. INSTALL NEW FLOOR SINK IN PLACE OF REMOVED FLOOR DRAIN. CONNECT TO EXISTING BELOW GRADE SANITARY PIPING. SAW CUT FLOOR AS NECESSARY AND PATCH TO MATCH EXISTING.



PLUMBING NEW WORK PLAN - POOL AREA  
1  
1/4" = 1'-0"



PLUMBING NEW WORK PLAN - POOL MECHANICAL ROOM  
2  
1/4" = 1'-0"

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

STAMP

STATION  
538

Drawing Title  
PLUMBING NEW WORK PLAN - 247

Phase  
CONSTRUCTION DOCUMENTS

Project Title  
RENOVATE THERAPEUTIC POOL & RECREATION HALL

Project Number  
538-20-201  
Building Number  
247

Location  
CHILlicothe, OHIO

Issue Date  
6/28/2022

Checked  
PP

Drawn  
GP

Drawing Number  
PL-102



A

B

C

D

E

F

A

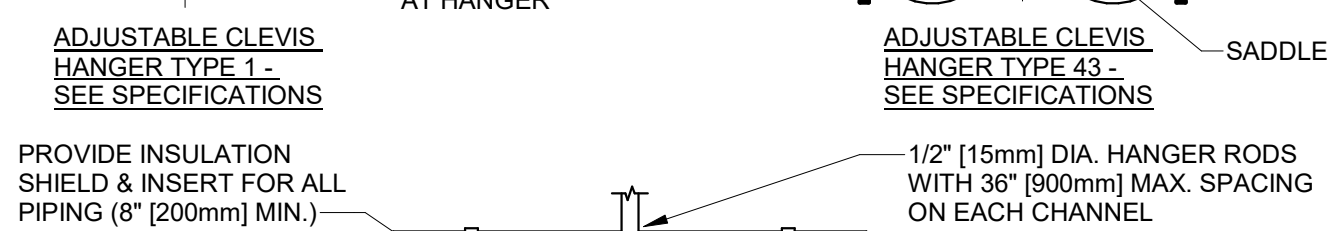
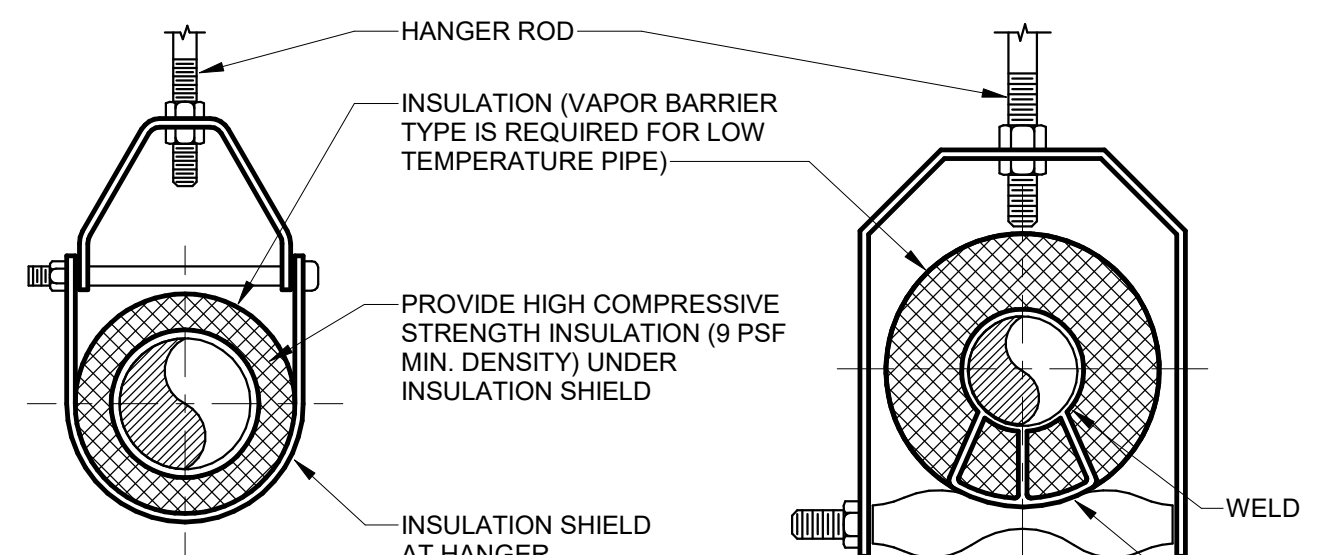
B

C

D

E

F



NOTES:  
SEE SPECIFIER FOR DETAILED  
HANGER REQUIREMENTS

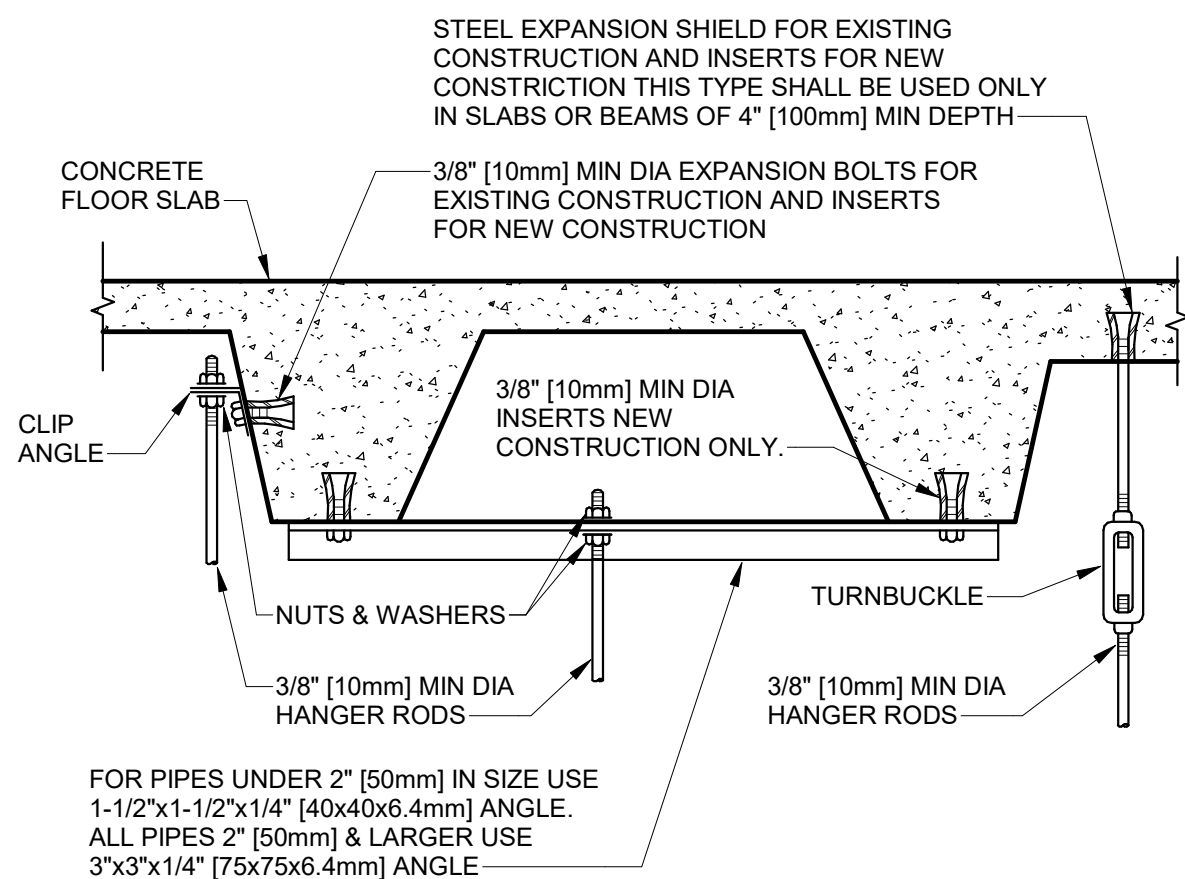
SIDE VIEW TRAPEZE HANGER FOR UP  
TO 1000 LB. (453KG) UNIFORM LOAD

MAXIMUM PIPE/TUBING SUPPORT SPACING																							
NOM. SIZE	IN.	THRU 3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24				
	FT.	[20]	[25]	[32]	[40]	[50]	[65]	[75]	[112]	[125]	[150]	[200]	[250]	[300]	[350]	[400]	[450]	[500]	[600]				
PIPE	FT.	[2100]	[2100]	[2100]	[2700]	[3000]	[3400]	[3700]	[4100]	[4900]	[5200]	[5800]	[6700]	[7000]	[7600]	[8200]	[8500]	[9100]	[9600]				
TUBING	FT.	5 FT	6	7	8	8	9	10	12	13	14	16	-	-	-	-	-	-	-				
	[mm]	[1500]	[1800]	[2100]	[2400]	[2400]	[2700]	[3000]	[3700]	[4000]	[4100]	[4900]											

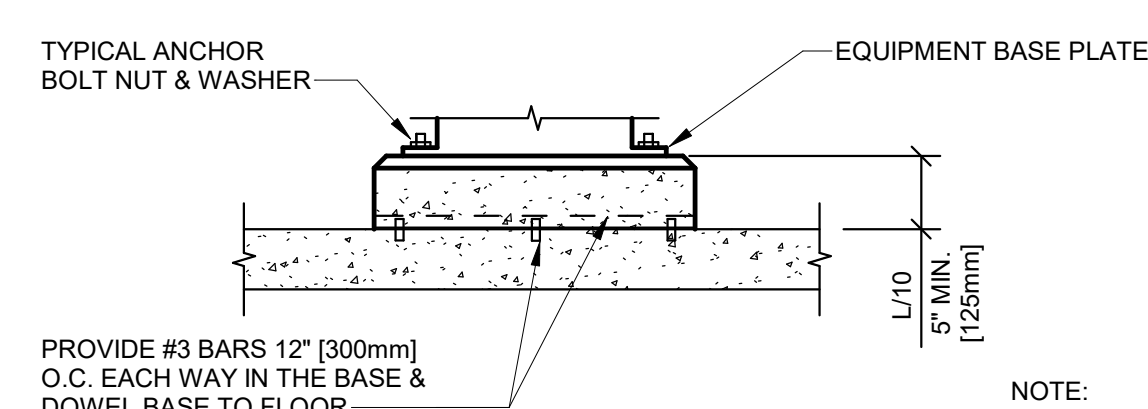
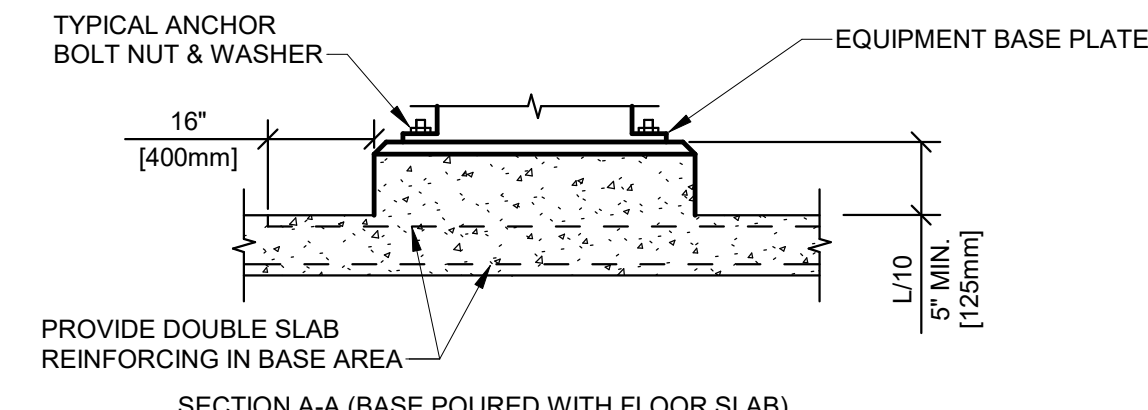
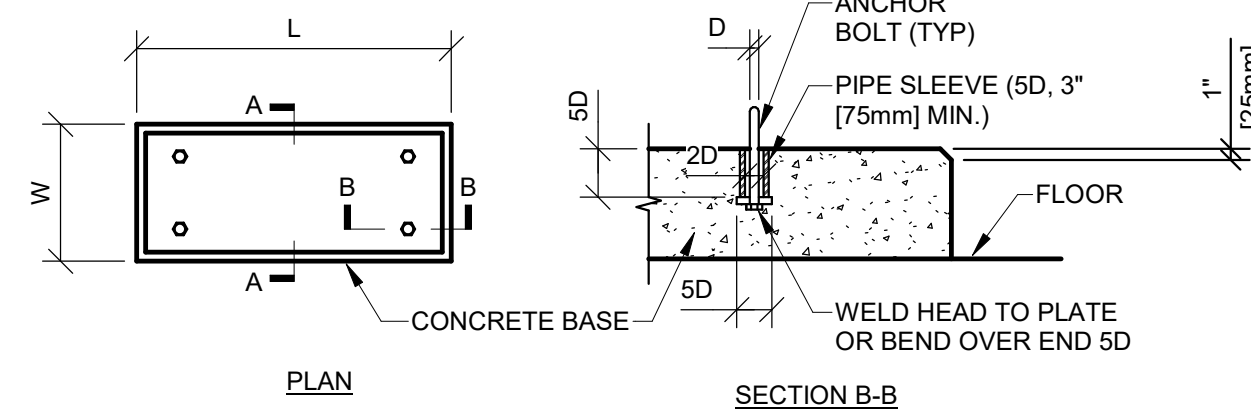
NOTE: FOR TRAPEZE HANGER SPACE SPACING OF SMALLEST SIZE ON TRAPEZE.

NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.

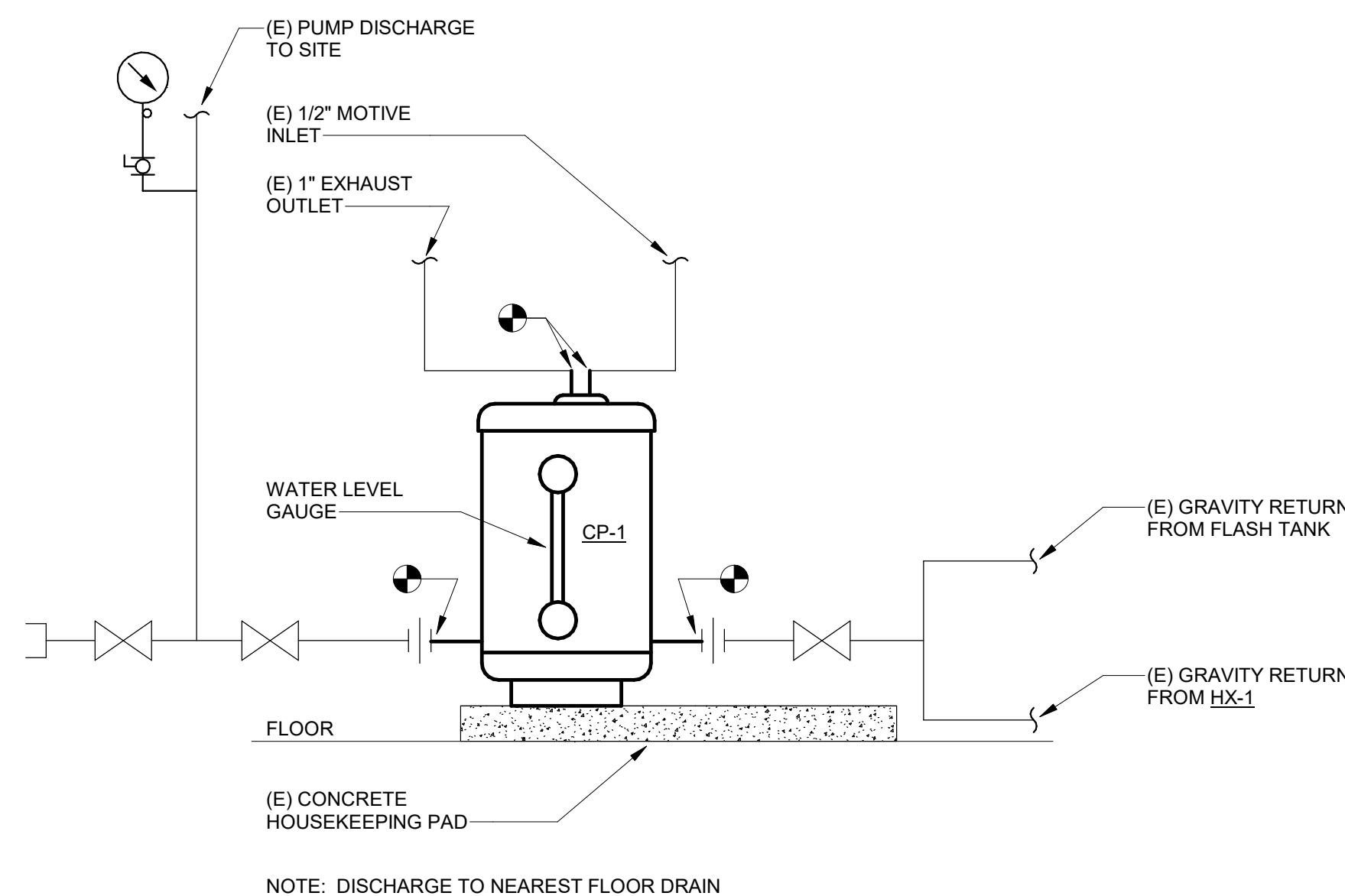
1 PIPE HANGERS  
NTS



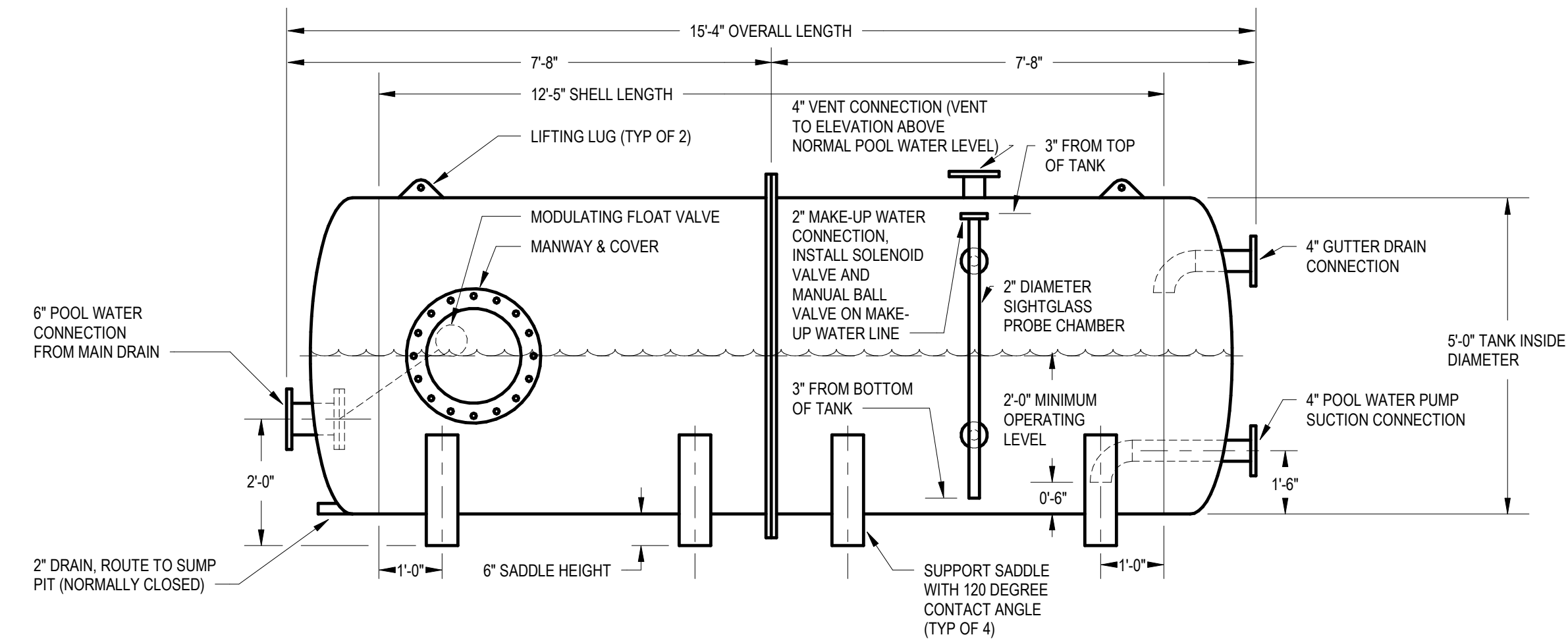
2 SECURING HANGER RODS IN CONCRETE  
NTS



3 CONCRETE EQUIPMENT BASES  
NTS



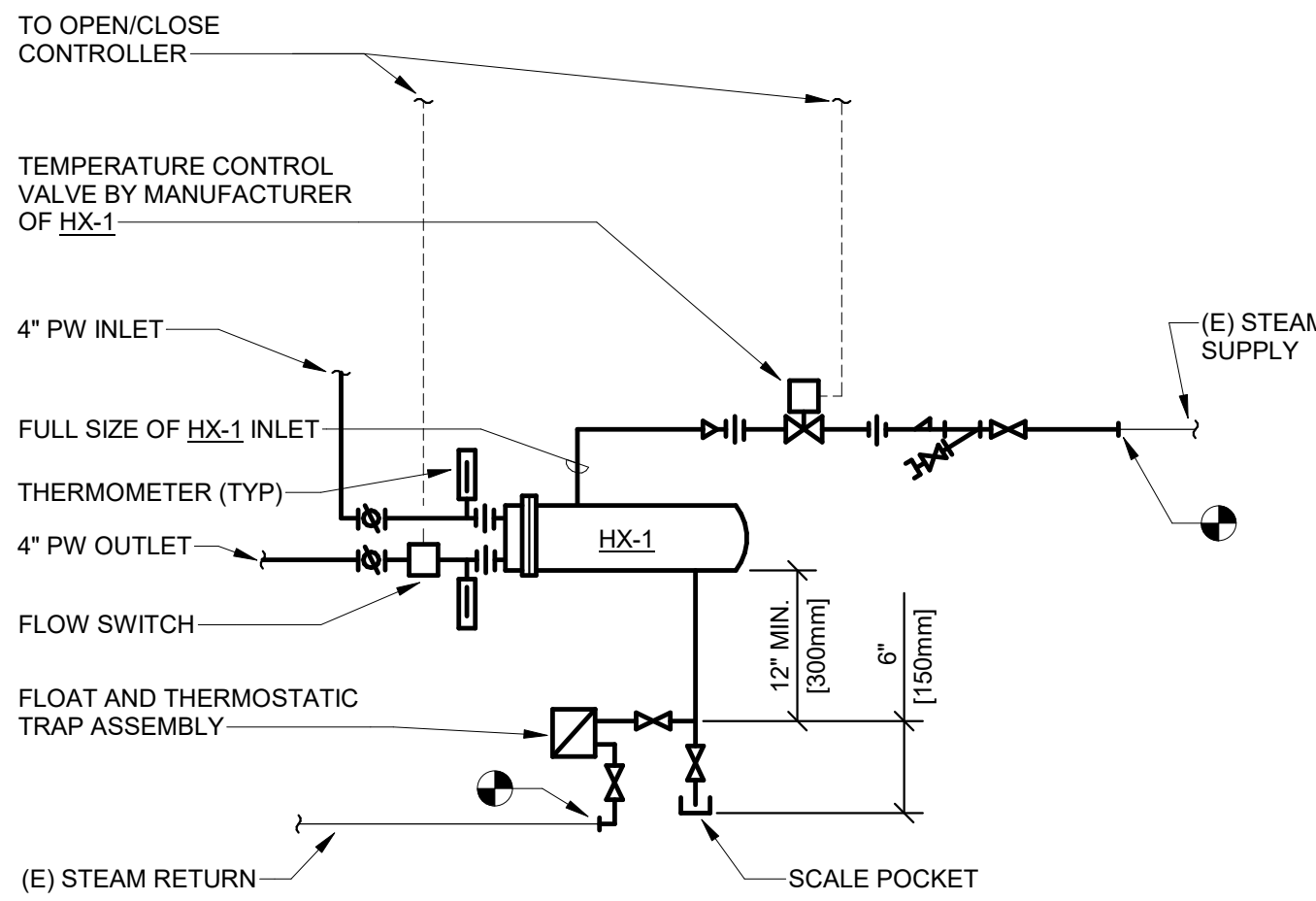
4 CONDENSATE PUMP (CP-1) - PIPING CONNECTIONS  
NTS



DESCRIPTION OF OPERATION FOR SURGE TANK (SUT-1)

- POOL WATER IS CONSTANTLY CIRCULATED THROUGH THE TANK FROM THE POOL DRAIN LINE THROUGH A MODULATING FLOAT VALVE AND FROM SKIMMING THE POOL OVER TO THE GUTTER DRAIN SYSTEM INTO THE POOL WATER PUMP SUCTION LINE.
- POOL WATER RUNOFF CREATED BY VOLUME DISPLACEMENT AND SUPPLEMENTAL CIRCULATION ENTERS THE GUTTER DRAINAGE SYSTEM AND DRAINS TO TANK.
- PROBES IN SIGHTGLASS CHAMBER MONITOR WATER LEVEL IN TANK TO A SATISFACTORY LEVEL TO MEET SKIMMING REQUIREMENTS OF THE POOL.
- SOLENOID VALVE ON 2" MAKE UP WATER LINE OPENS WHEN WATER LEVEL IN TANK DROPS BELOW MINIMUM OPERATING LEVEL AND FILLS TANK TO MAINTAIN A POOL LEVEL THAT WILL ALLOW FOR CONSTANT OVERFLOW.

5 SURGE TANK (SUT-1) DETAIL  
NTS



NOTES:

- ALL STEAM TO WATER HEAT EXCHANGERS REQUIRED BY EQUIPMENT SPECIFICATION SHALL BE PIPED AS SHOWN ABOVE.
- SEE EQUIPMENT SPECIFICATION AND PLUMBING DRAWINGS FOR PIPING CONNECTIONS.

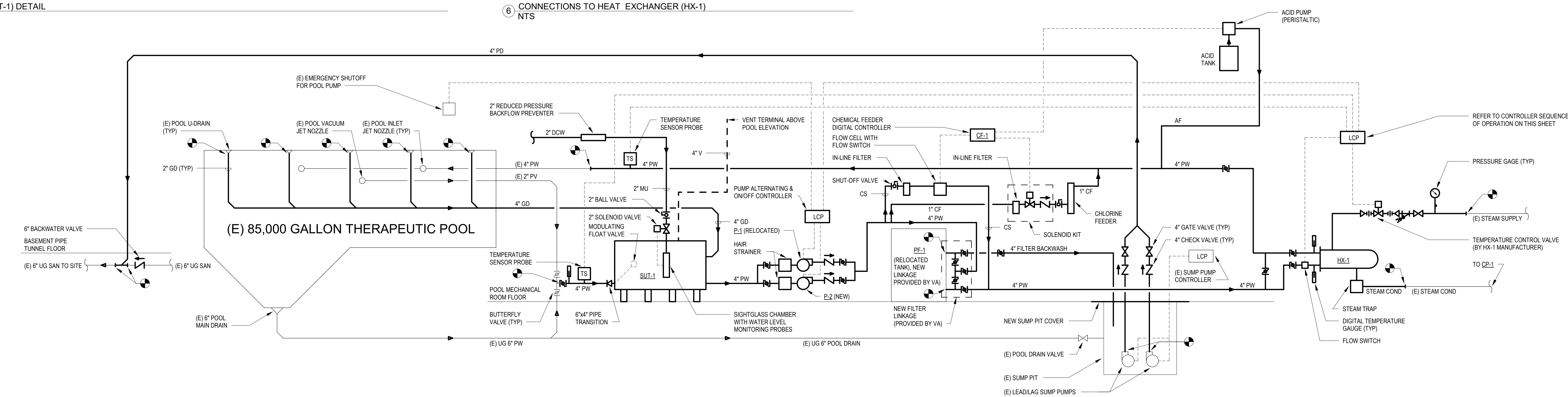
6 CONNECTIONS TO HEAT EXCHANGER (HX-1)  
NTS

SEQUENCE OF OPERATION FOR POOL CIRCULATING PUMPS  
(P-1 & P-2)

- GENERAL CONTROLLER TO SERVE P-1 AND P-2.
- P-1 & P-2 CONTROL CONTROLLER TO ALTERNATE USAGE OF P-1 AND P-2 WEEKLY (ADJUSTABLE) UNLESS ONE PUMP FAILS AND/OR REQUIRES MAINTENANCE.
- EMERGENCY POOL PUMP SHUTOFF CONTROLLER WILL BE INTEGRATED WITH EXISTING EMERGENCY PUMP SHUTOFF BUTTON LOCATED IN POOL AREA. P-1 AND P-2 WILL SHUT OFF IF BUTTON IS PUSHED.

SEQUENCE OF OPERATION FOR TEMPERATURE CONTROL  
VALVE TO HEAT EXCHANGER (HX-1)

- GENERAL CONTROLLER TO SERVE TEMPERATURE CONTROL VALVE FOR HX-1.
- HX-1 CONTROL TEMPERATURE CONTROL VALVE TO HX-1 WILL BE ENABLED WHEN P-1 OR P-2 IS RUNNING AND WATER IS FLOWING THROUGH HX-1. IF P-1 AND P-2 ARE OFF OR THERE IS NO WATER FLOW THROUGH HX-1 (DETERMINED BY FLOW SWITCH), TEMPERATURE CONTROL VALVE SHALL BE DISABLED AND CLOSED. TEMPERATURE CONTROL VALVE TO MODULATE STEAM SUPPLY AS REQUIRED TO PROVIDE 90 DEGREES F (ADJUSTABLE) POOL WATER TO THERAPEUTIC POOL AND WILL MODULATE CLOSED IF TEMPERATURE SENSOR PROBE LOCATED ON POOL WATER SUPPLY LINE EXCEEDS READING OF 94 DEGREES F (ADJUSTABLE).



7 POOL FLOW DIAGRAM  
NTS

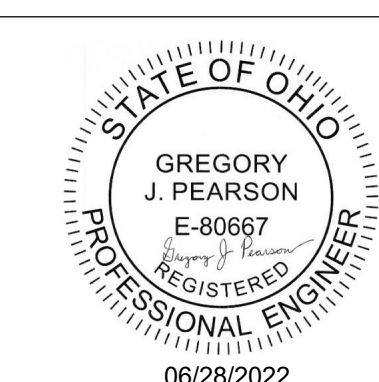
CONSTRUCTION DRAWINGS	6/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

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STATION  
538

U.S. Department  
of Veterans Affairs

Drawing Title  
PLUMBING DETAILS & DIAGRAMS -  
247

Approved: Ryan Jeter

Phase  
CONSTRUCTION  
DOCUMENTS

Project Title  
RENOVATE THERAPEUTIC POOL &  
RECREATION HALL

Project Number  
538-20-201  
Building Number  
247

Location  
CHILLICOTHE, OHIO

Issue Date  
6/28/2022

Checked  
PP

Drawn  
GP

Drawing Number  
PL-501



REMARKS:

1.	EXISTING RELOCATED PUMP AND HAIR STRAINER.
2.	NEW PUMP, INCLUDE WITH HAIR STRAINER.
3.	INSTALL LOCAL CONTROLLER FOR ALTERNATING USAGE. INTEGRATE CONTROLLER WITH EMERGENCY PUMP SHUTOFF IN POOL AREA. REFER TO SEQUENCE OF OPERATIONS AND POOL FLOW DIAGRAM ON SHEET PL-01.

REMARKS:

1. PROVIDE WITH TEMPERATURE CONTROL VALVE. INTEGRATE WITH CIRCULATING PUMP CONTROLLER. TEMPERATURE CONTROL VALVE TO CLOSE WHEN PUMPS ARE OFF. POOL WATER TEMPERATURE EXCEEDS 94 DEGREES (ADJUSTABLE), OR WHEN NO WATER IS FLOWING TO HEAT EXCHANGER (DETERMINED BY FLOW SWITCH). REFER TO CONNECTIONS TO HEAT EXCHANGER DETAIL, SEQUENCE OF OPERATIONS, AND POOL FLOW DIAGRAM ON SHEET PL-501

REMARKS:	
1	9" DIAMETER HORIZONTAL TANK
2	PROVIDE WITH SLOW-CLOSING SOLENOID VALVE, 2" DIAMETER GLASS SIGHT PROBE CHAMBER WITH WATER LEVEL MONITORING PROBES, PROBE HOLDERS, AND CONTROLLER WITH NEMA 4X RATED ENCLOSURE ON POOL MAKE UP WATER PIPING INLET. MINIMUM WATER LEVEL OF TANK TO BE 2'-0" ABOVE PUMP SUCTION INLET HEIGHT INSIDE OF TANK TO PREVENT VORTEX.
3	PROVIDE WITH MODULATING FLOAT VALVE AT POOL WATER INLET.
4	TANK TO BE DELIVERED IN (2) PIECES AND ASSEMBLED INSIDE POOL MECHANICAL ROOM.
5	REFER TO SURGE TANK DETAIL ON SHEET PL-001.

VA FORM 08 - 6231									
1	2	3	4	5	6	7	8	9	10



1

2

3

4

5

6

7

8

9

10

ABBREVIATIONS

A/E

ARCHITECT / ENGINEER

AAV

AUTOMATIC AIR VENT

ACD

AUTOMATIC CONTROL DAMPER, MODULATING

ACD-TP

AUTOMATIC CONTROL DAMPER, TWO POSITION

ACU

AIR CONDITIONING UNIT

AF

AFTER FILTER

AFF

ABOVE FINISHED FLOOR

AFMS

AIR FLOW MEASURING STATION

AFW

AIR FOL WHEEL (FAN)

APD

AIR PRESSURE DROP

ASHRAE

AMERICAN SOCIETY OF HEATING REFRIGERATION AIR CONDITIONING ENGINEERS

ASME

AMERICAN SOCIETY OF MECHANICAL ENGINEERS

BDD

BACKDRAFT DAMPER

BDR

BASE BOARD RADIATOR

BHP

BRAKE HORSEPOWER

BIW

BACKWARD INCLINED WHEEL (FAN)

BTU

BRITISH THERMAL UNIT

BTUH

BRITISH THERMAL UNIT PER HOUR

CAV

CONSTANT AIR VOLUME

CD-1

CONSTRUCTION DOCUMENTS (SUBMISSION1)

CD-2

CONSTRUCTION DOCUMENTS (SUBMISSION2)

CENT

CENTRIFUGAL

CFH

CUBIC FEET PER HOUR

CFM

CUBIC FEET PER MINUTE

CFT

CUBIC FEET

CM

CARBON MONOXIDE

CM

CUBIC METER

CMS

CUBIC METER PER SECOND

CO2

CARBON DIOXIDE

COP

COEFFICIENT OF PERFORMANCE

CUH

CABINET UNIT HEATER

CV

CONSTANT VOLUME

D6

DRY-BULB TEMPERATURE

DB

DEGBELS

DD-1

DESIGN DEVELOPMENT (SUBMISSION 1)

DD-2

DESIGN DEVELOPMENT (SUBMISSION 2)

DEG

DEGREE

DIA

DIAMETER

DPA

DIFFERENTIAL PRESSURE ASSEMBLY

DPS

DIFFERENTIAL PRESSURE SENSOR

EA

EXHAUST AIR

EAT

ENTERING AIR TEMPERATURE

EC

ELECTRONICALLY COMMUTATED (MOTOR)

ECC

ENGINEERING CONTROL CENTER

EER

ENERGY EFFICIENCY RATIO

EF

EXHAUST FAN

ENT

ENTERING

ESP

EXTERNAL STATIC PRESSURE

EX

EXISTING

F

FAHRENHEIT

FA

FREE AREA

FCW

FORWARD CURVED WHEEL (FAN)

FM

FLOW METER

PFM

FEET PER MINUTE

PPS

POUNDS PER SECOND

FPTU

FAN POWERED TERMINAL UNIT

FS

FLOW SWITCH

FT

FEET

FT WC

FEET OF WATER COLUMN

FT-LB

FOOT-POUND

FV

FACE VELOCITY

GA

GAUGE

GAL

GALLONS

GH

GRAVITY HOOD

GPD

GALLONS PER DAY

GPH

GALLONS PER HOUR

GPM

GALLONS PER MINUTE

GS

GALVANIZED STEEL

HP

HORSEPOWER

HVU

HEATING AND VENTILATING UNIT

HZ

HERTZ

I/O

INPUT/OUTPUT

IAQ

INDOOR AIR QUALITY

ICF

IN-LINE CENTRIFUGAL FAN

ID

INSIDE DIAMETER

IN

INCHES

IN HG

INCHES OF MERCURY

IN WC

INCH WATER COLUMN

IN WG

INCH WATER GAUGE

IN-LB

INCH-POUND

J

INTENTIONALLY LEFT BLANK

KG

KILOGRAM

KGHR

KILOGRAM PER HOUR

KPa

KILOPASCAL

KW

KILOWATT

KWH

KILOWATT HOUR

L

LITER

L/h

LITERS PER HOUR (or LITERS/HOUR)

L/min

LITERS PER MINUTE (or LITERS/MINUTE)

L/s

LITERS PER SECOND (or LITERS/SECOND)

LAT

LEAVING AIR TEMPERATURE

LBS/HR

POUNDS PER HOUR

LF

LINEAR FOOT (FEET)

LH

LATENT HEAT

LVG

LEAVING

LVR

LOUVER

M

METER, SI UNIT

M/S

METERS PER SECOND (OR METERS/SECOND)

MAV

MANUAL AIR VENT

MAX

MAXIMUM

MBH

1,000 BTUH

MER

MECHANICAL EQUIPMENT ROOM

MERV

MINIMUM EFFICIENCY REPORTING VALUE

MHP

MOTOR HORSEPOWER

MIN

MINIMUM

MM

MILLIMETER

NZ

MULTI-ZONE

NA

NOT APPLICABLE

NC

NOISE CRITERIA

NC

NORMALLY CLOSED

Nm

NEWTON METER

NO

NORMALLY OPEN

NOM

NOMINAL

NTS

NOT TO SCALE

OA

OUTSIDE AIR

OD

OUTSIDE DIAMETER

P

PUMP

P6

PASCAL

PCF

POUNDS PER CUBIC FOOT (FEET)

PD

PRESSURE DROP

PEF

PROPELLER (TYPE) EXHAUST FAN

PG

PRESSURE GAGE

PPM

PARTS PER MILLION

PSI

POUNDS PER SQUARE INCH

PSIA

POUNDS PER SQUARE INCH - ABSOLUTE

PSIG

POUNDS PER SQUARE INCH - GAGE

R/E

RETURN OR EXHAUST

RA

RETURN AIR

RAD

RETURN AIR DAMPER

RAT

RETURN AIR TEMPERATURE

RDS

ROOM DATA SHEETS

RF

RETURN FAN

RG

RETURN GRILLE

RH

RELATIVE HUMIDITY

RPM

REVOLUTIONS PER MINUTE

RR

RETURN REGISTER

SA

SUPPLY AIR

SCFM

STANDARD CUBIC FEET PER MINUTE

SD

SMOKE DETECTOR

SD

SUPPLY AIR DIFFUSER

SD-1

SCHEMATIC DESIGN (SUBMISSION1)

SD-2

SCHEMATIC DESIGN (SUBMISSION2)

SEN

SENSIBLE HEAT

SI

SQUARE INCHES

SP

STATIC PRESSURE

SPS

STATIC PRESSURE SENSOR

SQ FT

SQUARE FOOT (FEET)

SS

STAINLESS STEEL

TAB

TESTING, ADJUSTING, BALANCE

TD

TEMPERATURE DIFFERENCE

TSP

TOTAL STATIC PRESSURE

TSTAT

THERMOSTAT

TU

TERMINAL UNIT

UC

UNDER CUT

URV

URBLAST UNIT VENTILATOR

VAV

VARIABLE AIR VOLUME

VHA

VETERANS HEALTH ADMINISTRATION

VPS

VARIABLE PRIMARY SYSTEM

VSD

VARIABLE SPEED DRIVE

W

WATTS

Wb

WET-BULB (TEMPERATURE)

WEF

WALL EXHAUST FAN

WPD

WATER SIDE PRESSURE DROP

YR

YEAR

TERMINAL UNIT SYMBOLS

PTAC

WINDOW TYPE AIR CONDITIONING UNIT.  
LETTER INDICATE SIZE.

AIR TERMINAL SYMBOLS

POWER WALL VENTILATOR

SIDEWALL FAN

GENERAL SYMBOLS

DUCTWORK SYMBOLS

SUPPLY DUCT (UP & DOWN)

EXHAUST DUCT (UP & DOWN)

RETURN DUCT (UP & DOWN)

SQUARE 4-WAY CEILING DIFFUSERS

CONNECT NEW DUCT TO EXISTING DUCT

INCLINED RISE, IN DIRECTION OF AIR FLOW

INCLINED DROP, IN DIRECTION OF AIR FLOW

LIMIT OF DEMOLITION

FLEXIBLE CONNECTION, EQUIPMENT, VIBRATION, OR SEISMIC

VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES EVEN IF SYMBOL IS MISSING)

VANED ELBOW (SHORT RADIUS)

STANDARD RADIUS ELBOW (LONG RADIUS)

NEW DUCT (INSIDE DIMENSIONS: WIDTH x DEPTH)

EXISTING DUCT TO REMAIN

EXISTING DUCT TO BE REMOVED

FLEXIBLE DUCTWORK (INSULATED)

MANUAL VOLUME DAMPER

FIRE DAMPER

POINT OF CHANGE IN DUCT CONSTRUCTION BY STATIC PRESSURE CLASS. THE NUMBER ASSIGNS PRESSURE CLASS (IN. OF WATER) WHICH WILL ACCOMMODATE MAXIMUM OPERATING PRESSURE IN THE DUCT SUBSECTION. THE SYMBOL CONTINUES THE ASSIGNMENT UNTIL THE DUCT TERMINATES OR ANOTHER SYMBOL APPEARS. A "N" SUPERSCRIPIT INDICATES NEGATIVE PRESSURE.

TERMINAL UNIT W/ REHEAT COIL AND AIR DEVICE

AUTOMATIC CONTROL DAMPER MODULATING

AUTOMATIC CONTROL DAMPER TWO POSITION

SMOKE DETECTOR

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

ENGINEERING

FFE

ARCHITECTURE

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STATION

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U.S. Department of Veterans Affairs

Drawing Title

MECHANICAL LEGEND SHEET - 9

Approved: Ryan Jeter

Phase

CONSTRUCTION DOCUMENTS

Project Title

RENOVATE THERAPEUTIC POOL & RECREATION HALL

Location

CHILLICOTHE, OHIO

Issue Date

6/28/2022

Checked

PDP

Drawn

JCV

Project Number

538-20-201

Building Number

9

Drawing Number

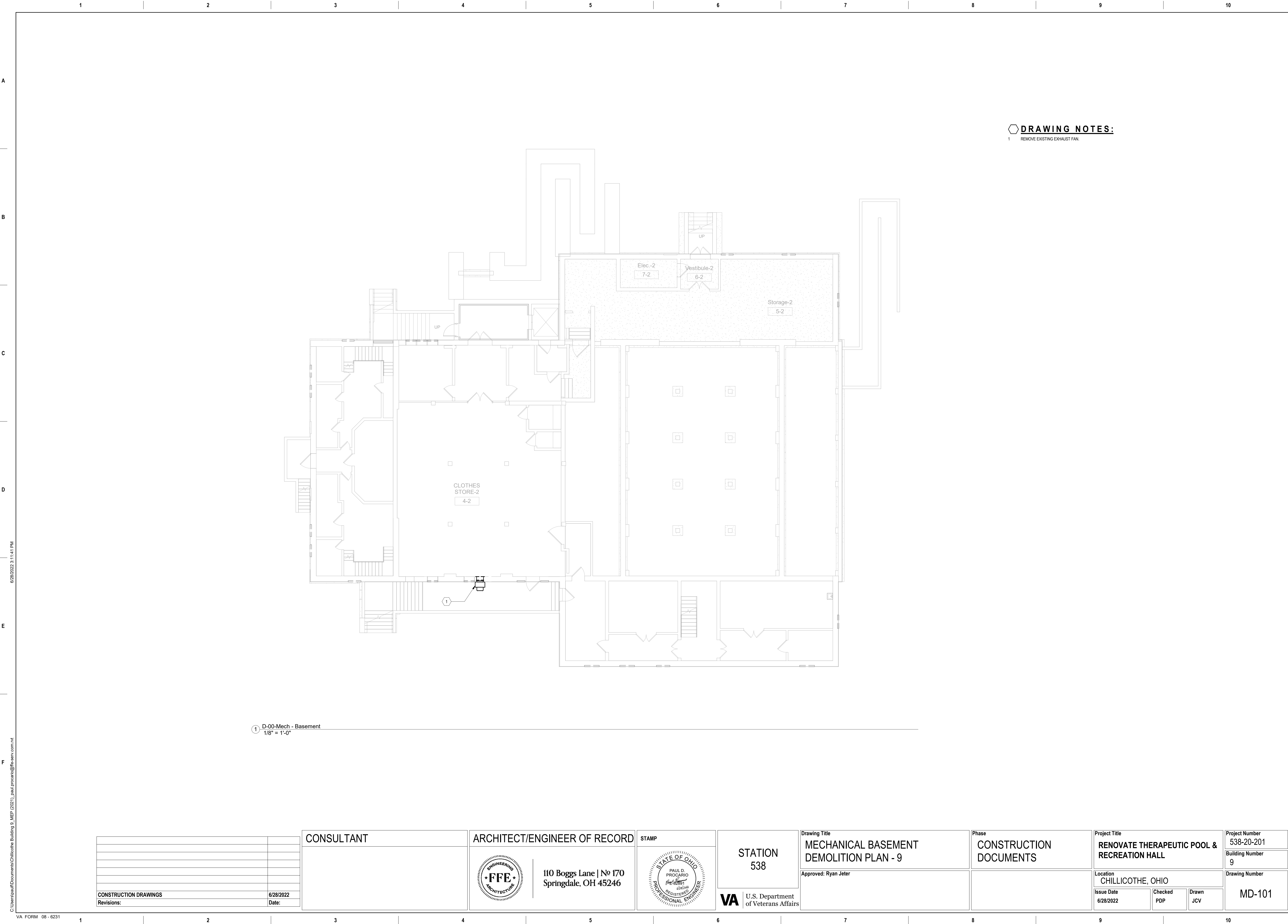
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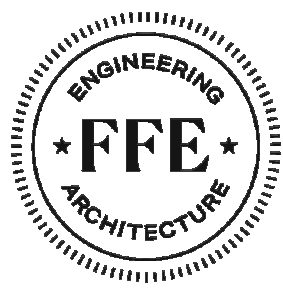
**DRAWING NOTES:**  
1 REMOVE EXISTING EXHAUST FAN.

1 D-00-Mech - Basement  
1/8" = 1'-0"

CONSTRUCTION DRAWINGS	6/28/2022
Revisions:	Date:

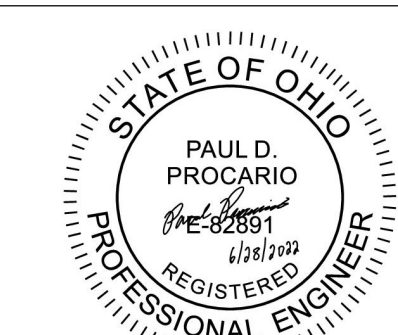
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STATION  
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U.S. Department  
of Veterans Affairs

Drawing Title  
**MECHANICAL BASEMENT  
DEMOLITION PLAN - 9**

Approved: Ryan Jeter

Phase  
**CONSTRUCTION  
DOCUMENTS**

Project Title  
**RENOVATE THERAPEUTIC POOL &  
RECREATION HALL**

Location  
CHILICOTHE, OHIO

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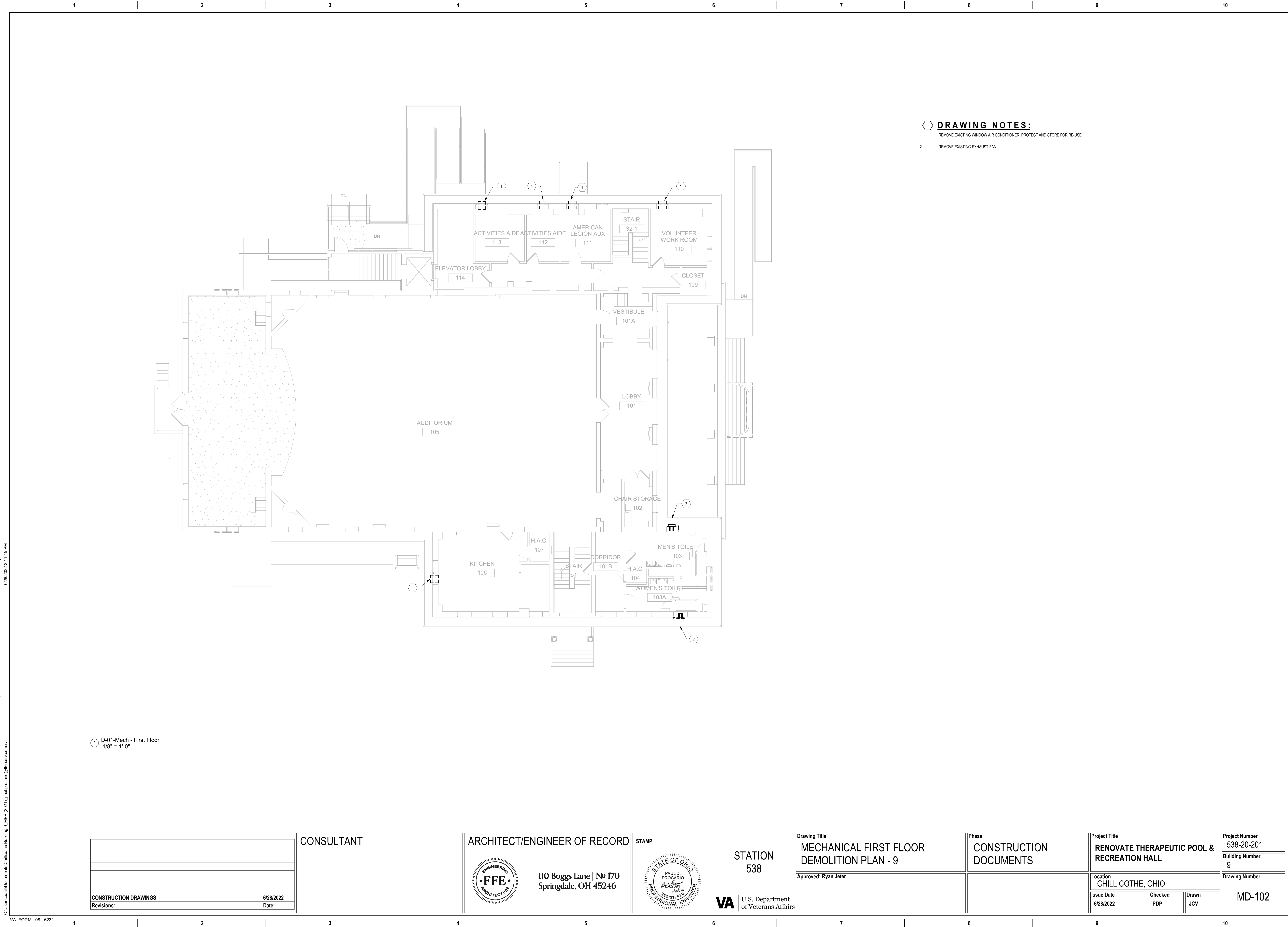
Project Number  
538-20-201  
Building Number  
9

Drawing Number  
**MD-101**

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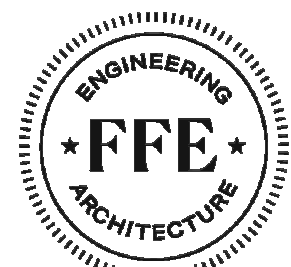
- DRAWING NOTES:**
- 1 REMOVE EXISTING WINDOW AIR CONDITIONER. PROTECT AND STORE FOR RE-USE.
  - 2 REMOVE EXISTING EXHAUST FAN.

1 D-01-Mech - First Floor  
1/8" = 1'-0"

CONSTRUCTION DRAWINGS	6/28/2022
Revisions:	Date:

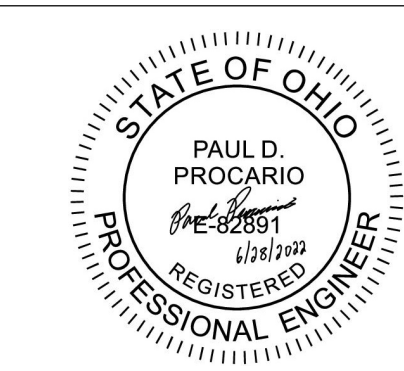
CONSULTANT

ARCHITECT/ENGINEER OF RECORD



110 Boggs Lane | No 170  
Springdale, OH 45246

STAMP



STATION  
538



U.S. Department  
of Veterans Affairs

Drawing Title  
MECHANICAL FIRST FLOOR  
DEMOLITION PLAN - 9

Approved: Ryan Jeter

Phase  
CONSTRUCTION  
DOCUMENTS

Project Title  
RENOVATE THERAPEUTIC POOL &  
RECREATION HALL

Location  
CHILLCOTHE, OHIO

Issue Date  
6/28/2022

Checked  
PDP

Drawn  
JCV

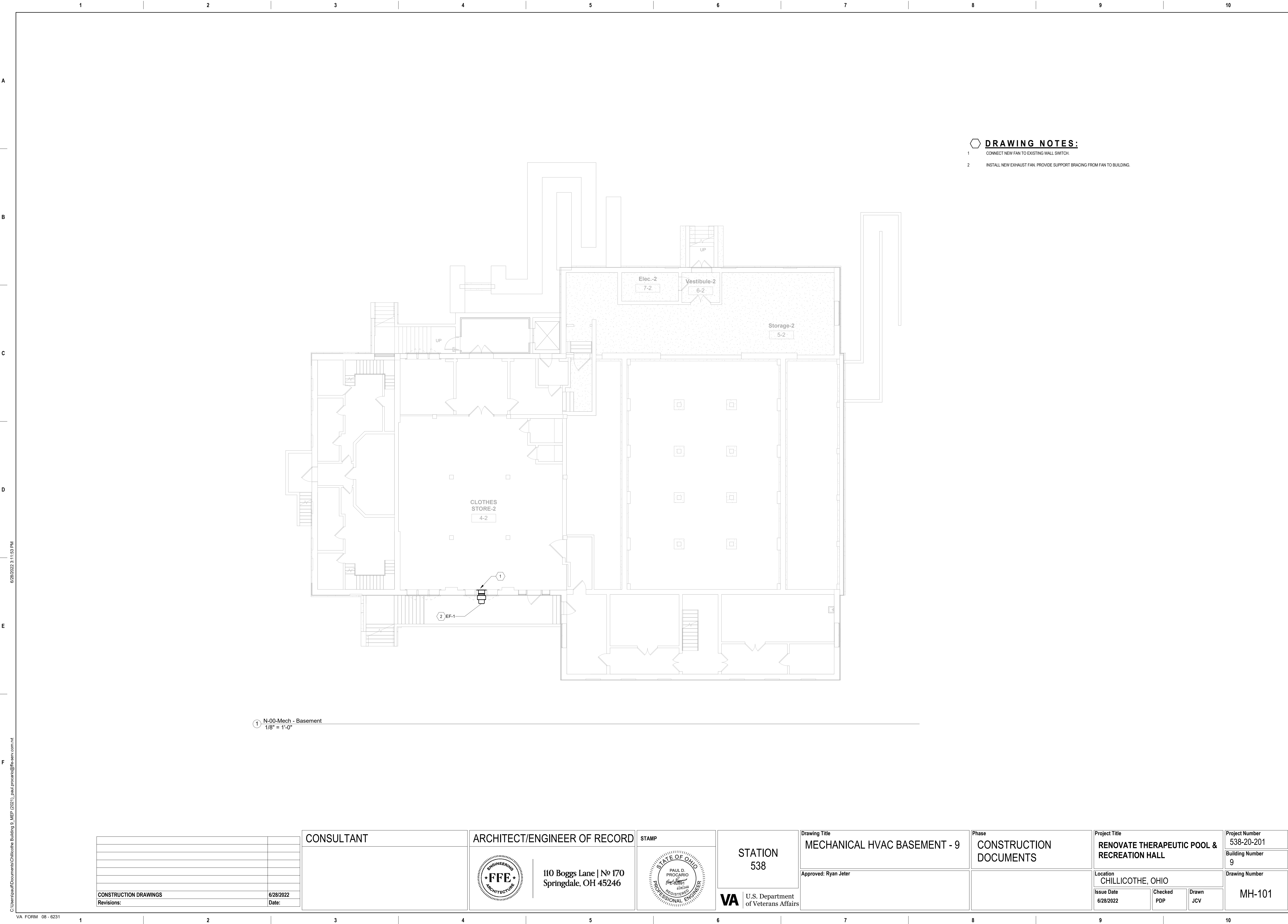
Project Number  
538-20-201  
Building Number  
9

Drawing Number  
MD-102

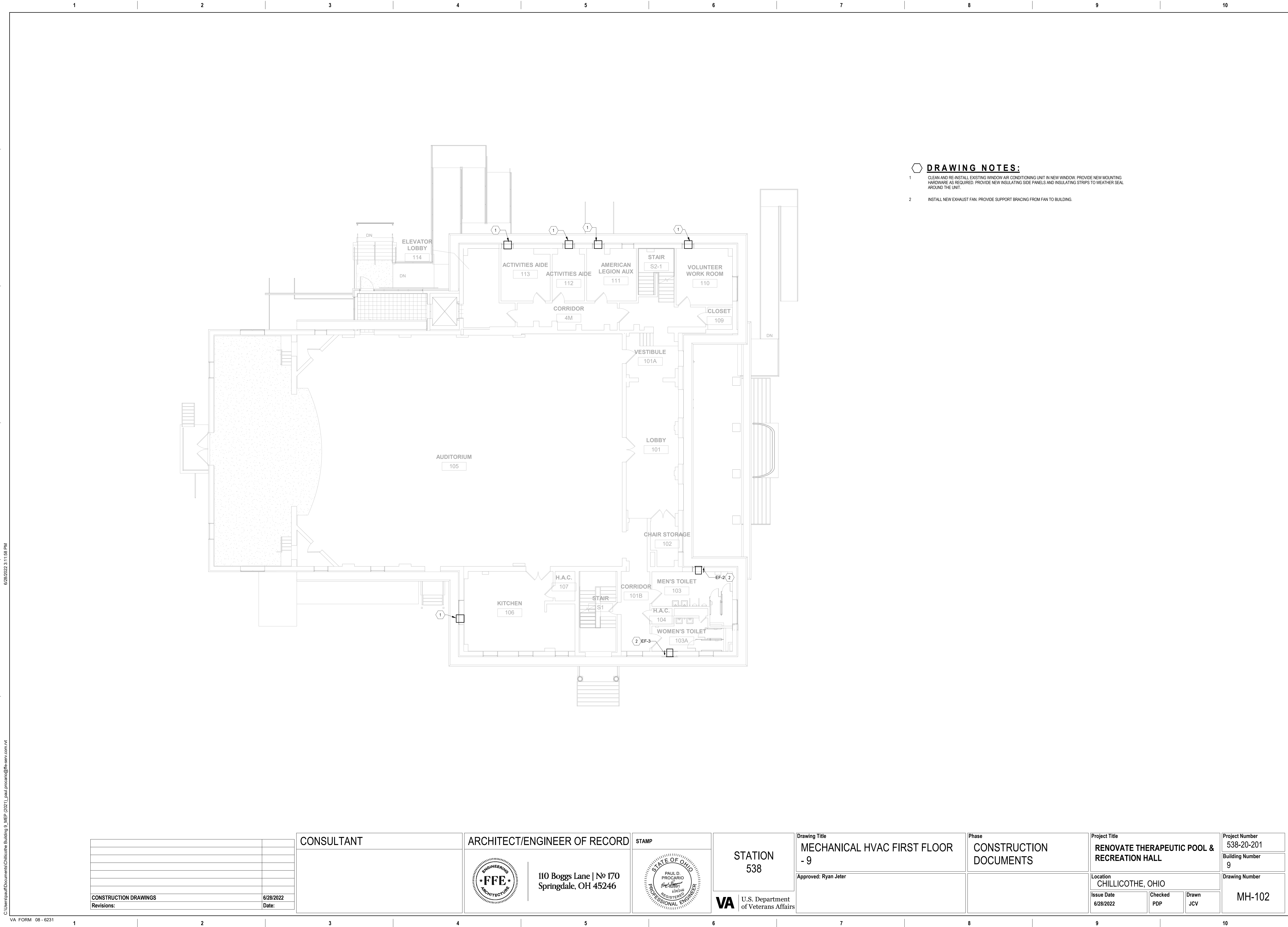






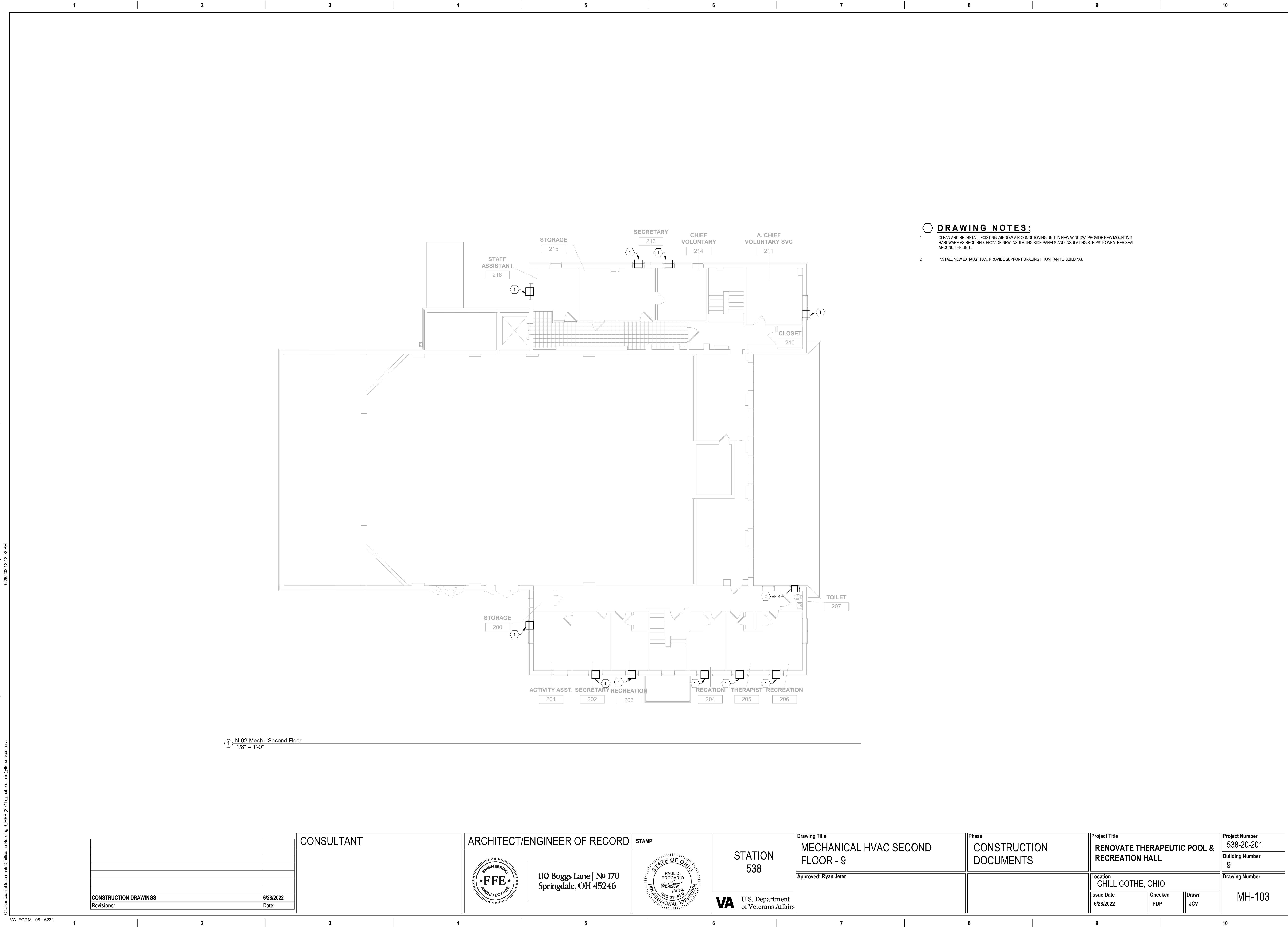




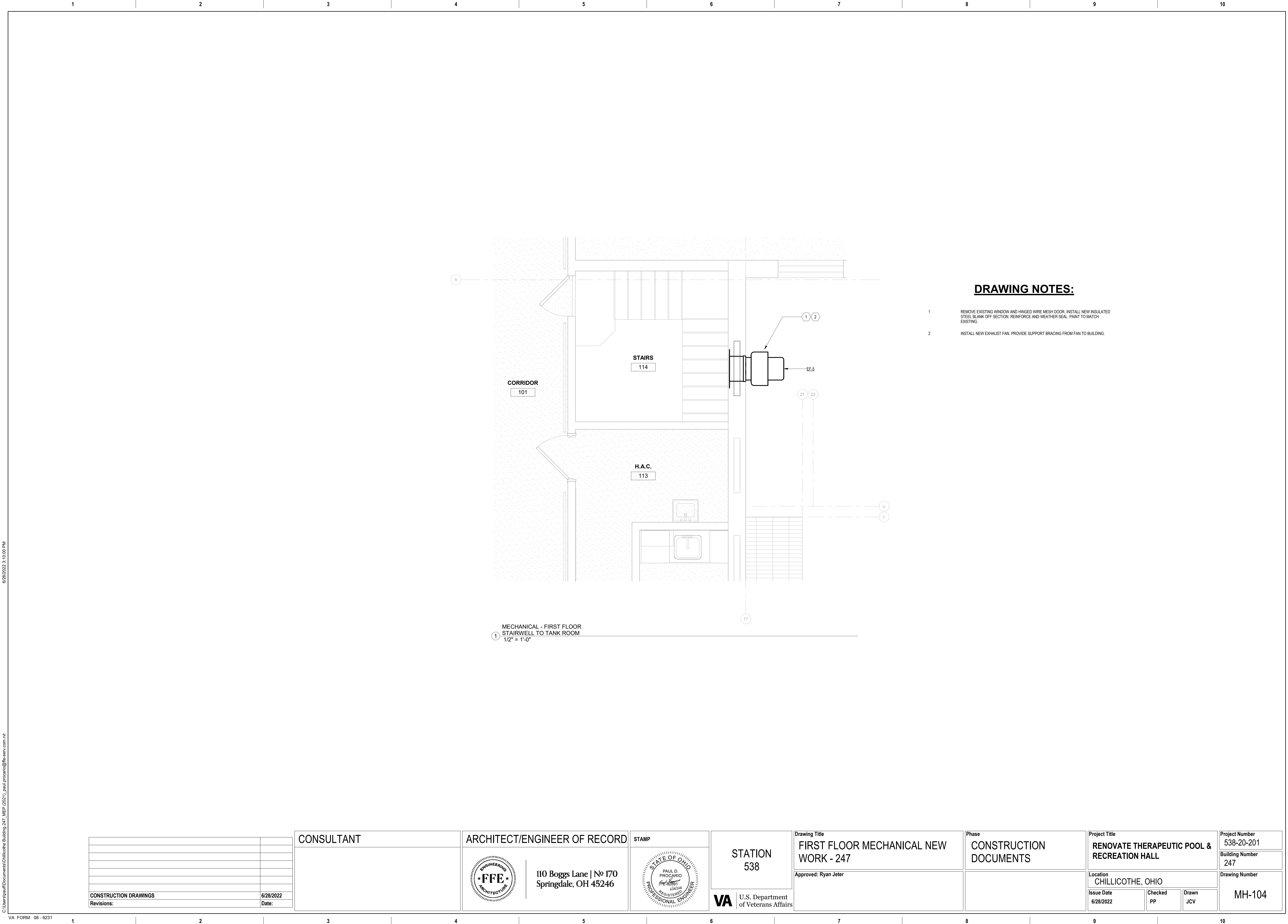


- DRAWING NOTES:**
- 1 CLEAN AND RE-INSTALL EXISTING WINDOW AIR CONDITIONING UNIT IN NEW WINDOW. PROVIDE NEW MOUNTING HARDWARE AS REQUIRED. PROVIDE NEW INSULATING SIDE PANELS AND INSULATING STRIPS TO WEATHER SEAL AROUND THE UNIT.
  - 2 INSTALL NEW EXHAUST FAN. PROVIDE SUPPORT BRACING FROM FAN TO BUILDING.











**B**VA FORM 08 - 6231

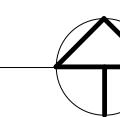
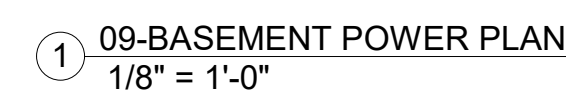




**E**



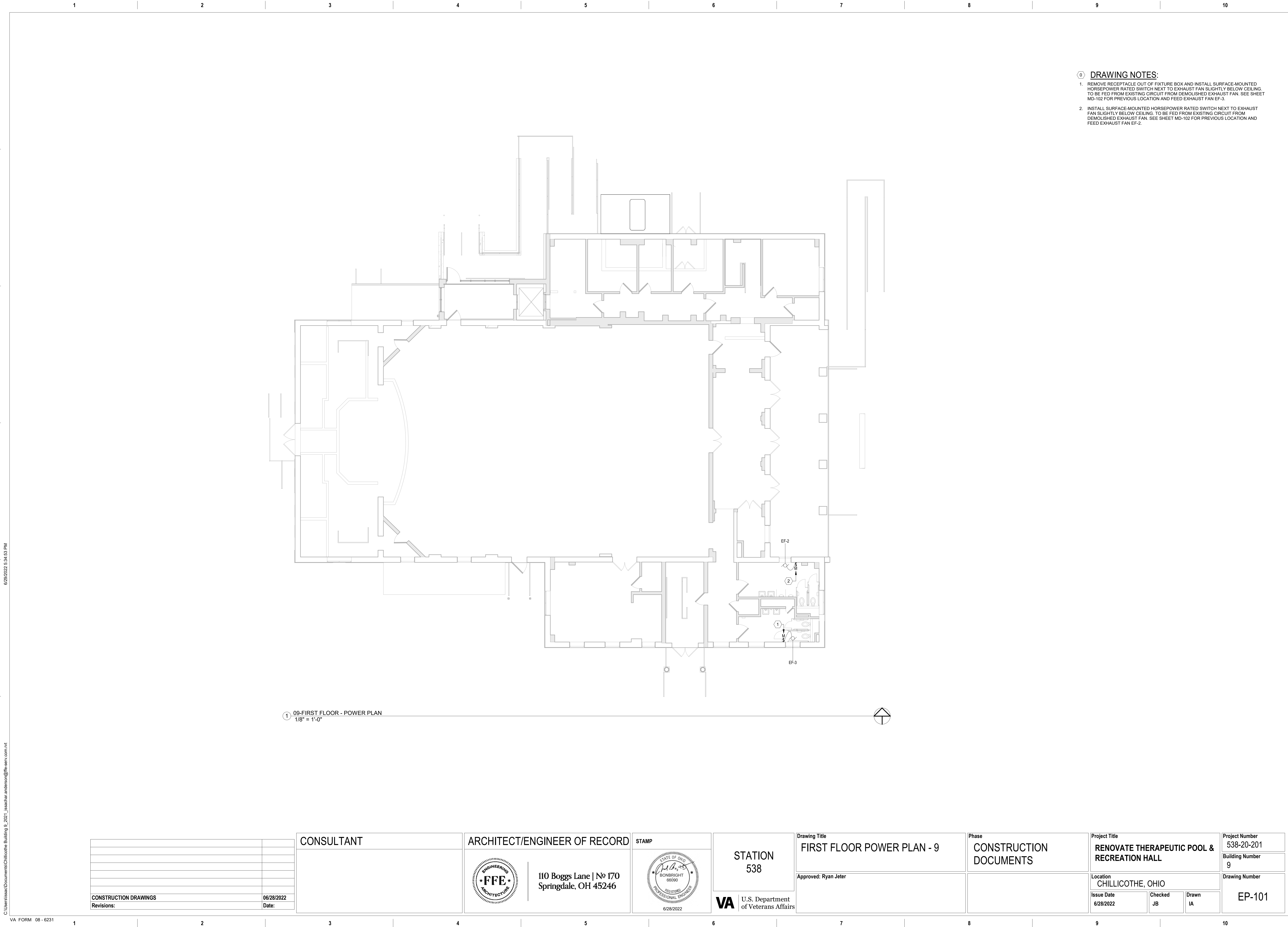
A. REPLACE EXISTING SWITCH THAT CONTROLS EF-1 WITH A NEW SWITCH.

1. INSTALL SURFACE-MOUNTED HORSEPOWER RATED SWITCH NEXT TO EXHAUST FAN SLIGHTLY BELOW CEILING. TO BE FED FROM EXISTING CIRCUIT FROM DEMOLISHED EXHAUST FAN. SEE SHEET MD-101 FOR PREVIOUS LOCATION AND FEED EXHAUST FAN EF-1. CIRCUIT EXISTING LIGHT SWITCH.



CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title BASEMENT POWER PLAN - 9		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201			
		<div><div></div><div>110 Boggs Lane   № 170 Springdale, OH 45246</div></div>		<div><div></div><div>6/28/2022</div></div>		<div><div>VA</div><div>U.S. Department of Veterans Affairs</div></div>		Approved: Ryan Jeter				Location CHILLICOTHE, OHIO		Issue Date 6/28/2022		Building Number 9	
												Checked JB		Drawing Number IA			
														EP-100			





- DRAWING NOTES:**
1. REMOVE RECEPTACLE OUT OF FIXTURE BOX AND INSTALL SURFACE-MOUNTED HORSEPOWER RATED SWITCH NEXT TO EXHAUST FAN SLIGHTLY BELOW CEILING. TO BE FED FROM EXISTING CIRCUIT FROM DEMOLISHED EXHAUST FAN. SEE SHEET MD-102 FOR PREVIOUS LOCATION AND FEED EXHAUST FAN EF-3.
  2. INSTALL SURFACE-MOUNTED HORSEPOWER RATED SWITCH NEXT TO EXHAUST FAN SLIGHTLY BELOW CEILING. TO BE FED FROM EXISTING CIRCUIT FROM DEMOLISHED EXHAUST FAN. SEE SHEET MD-102 FOR PREVIOUS LOCATION AND FEED EXHAUST FAN EF-2.

1 09-FIRST FLOOR - POWER PLAN  
1/8" = 1'-0"

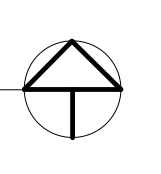
		CONSULTANT	ARCHITECT/ENGINEER OF RECORD		STAMP	Drawing Title FIRST FLOOR POWER PLAN - 9		Phase CONSTRUCTION DOCUMENTS	Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
						Approved: Ryan Jeter			Location CHILLICOTHE, OHIO		Building Number 9	
									Issue Date 6/28/2022		Checked JB	Drawn IA
											Drawing Number EP-101	
CONSTRUCTION DRAWINGS		06/28/2022										
Revisions:		Date:										



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VA FORM 08-6231



CONSULTANT

110 Boggs Lane | No 170  
Springdale, OH 45246

**VA** | U.S. Department  
of Veterans Affairs

Approved: Ryan Jeter

Project Number	538-20-201
Building Number	9
Drawing Number	EP-102



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E-600



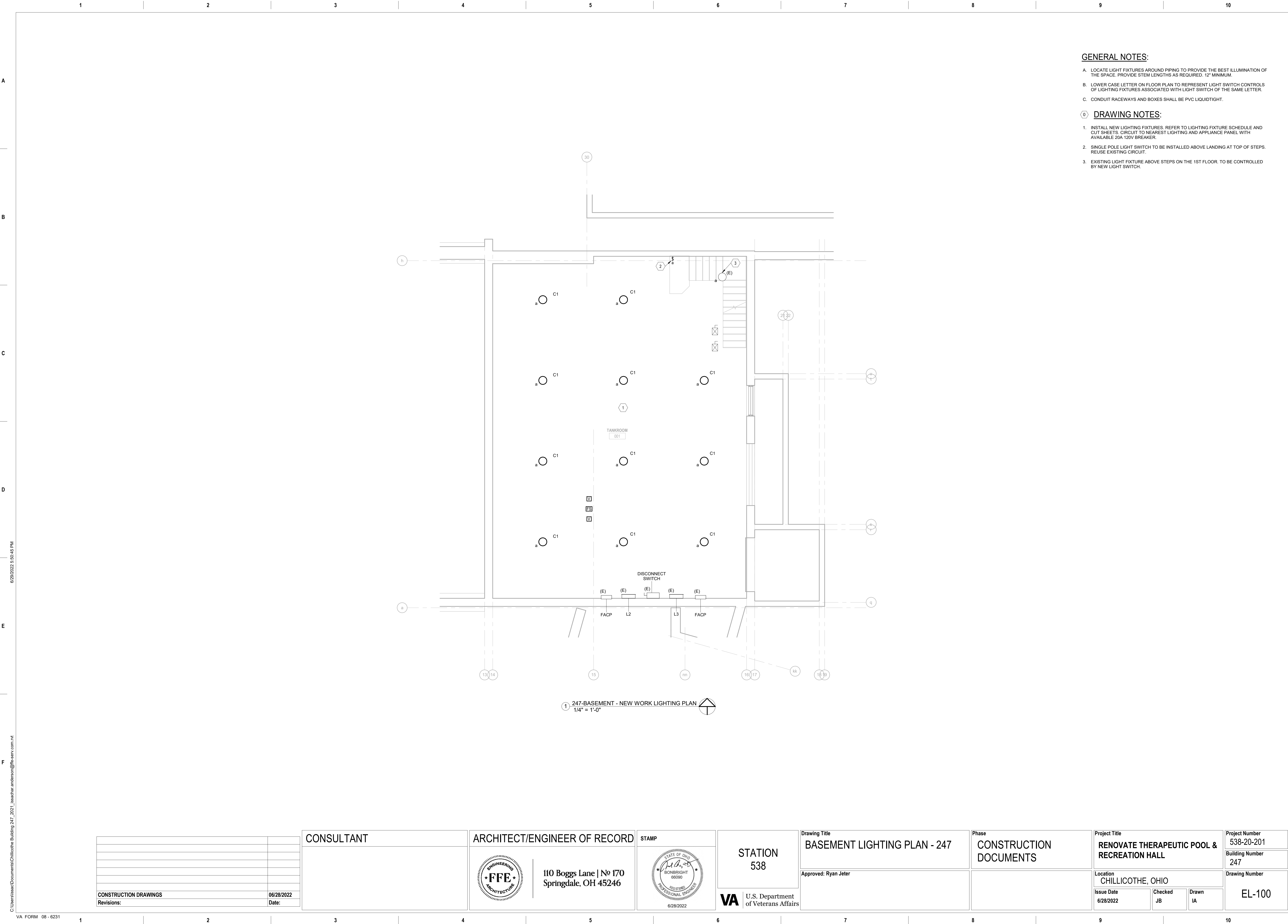
- A. DASHED SYMBOLS INDICATE DEVICES AND EQUIPMENT TO BE REMOVED, SOLID SYMBOLS INDICATE DEVICES TO REMAIN.
- B. REMOVE ALL LIGHTING FIXTURES. REMOVE WIRING AND CONDUIT BACK TO SOURCE OR LAST POINT OF CONNECTION TO REMAIN.

1. DISCONNECT AND DEMO MOTOR STARTER AND PUMP MOTOR TO BE RE-USED AND RELOCATED. REFER TO NEW WORK DRAWING EP-103 FOR RE-INSTALLATION AND NEW LOCATION OF EQUIPMENT.
2. DEMOLISH LIGHT SWITCH ABOVE LANDING AT TOP OF STEPS ON THE 1ST FLOOR AND KEEP WIRING AND CONDUIT FUNCTIONING TO BE USED FOR NEW LIGHT SWITCH. SEE SHEET EL-100.

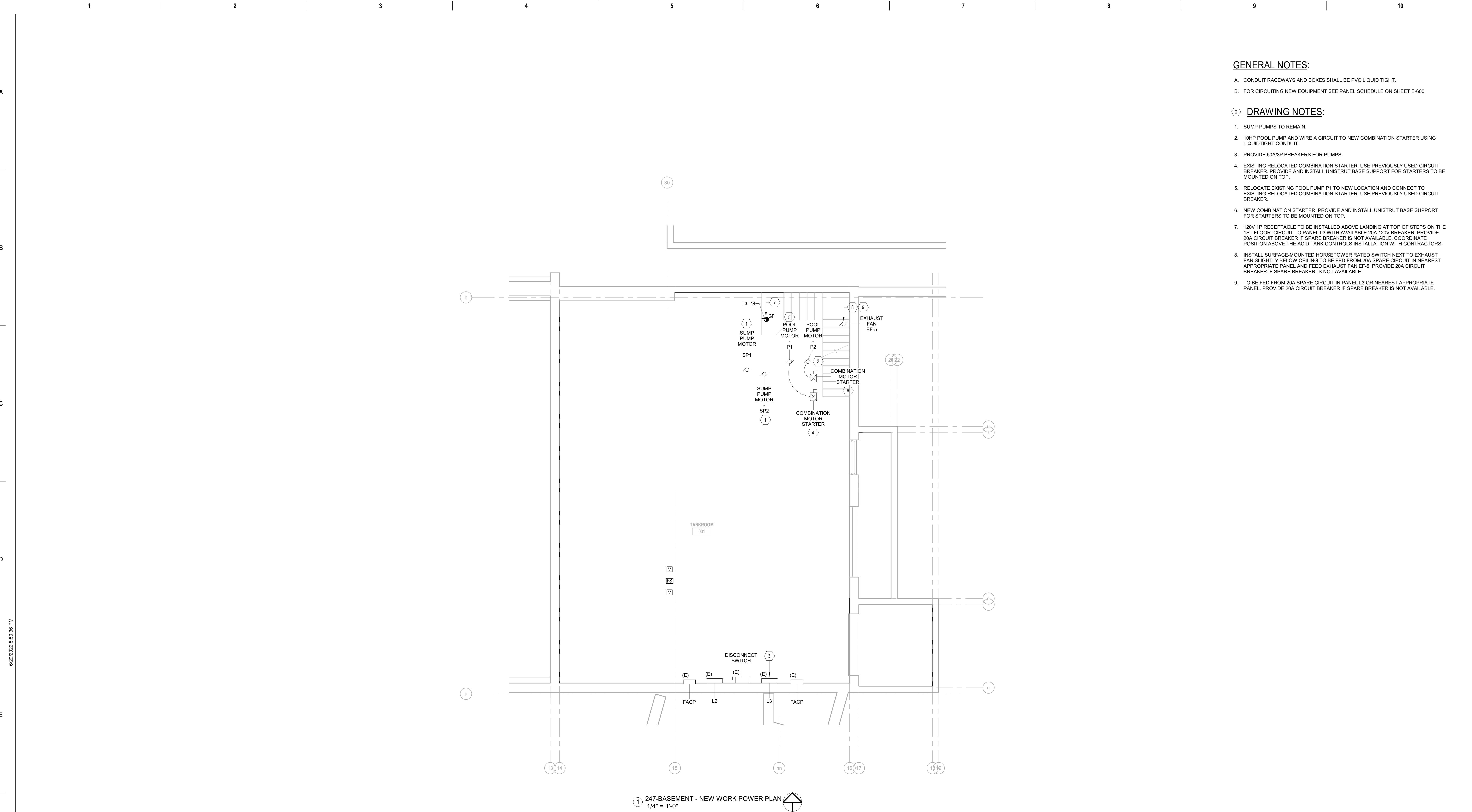


		CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP	<div> <div> <div>STATION</div> <div>538</div> </div> <div> <div>VA</div> <div>U.S. Department of Veterans Affairs</div> </div> </div>	<div> <div>Drawing Title</div> <div>BASEMENT DEMO PLAN - 247</div> <div>Approved: Ryan Jeter</div> </div>	<div> <div>Phase</div> <div>CONSTRUCTION DOCUMENTS</div> </div>	<div> <div>Project Title</div> <div>RENOVATE THERAPEUTIC POOL &amp; RECREATION HALL</div> <div>Location CHILLICOTHE, OHIO</div> <div> <div>Issue Date 6/28/2022</div> <div> <div>Checked JB</div> <div>Drawn IA</div> </div> </div> </div>	<div> <div>Project Number 538-20-201</div> <div>Building Number 247</div> <div>Drawing Number ED-100</div> </div>
<div>CONSTRUCTION DRAWINGS</div> <div>Revisions:</div>	<div>06/28/2022</div> <div>Date:</div>		<div> <div>  <div> 110 Boggs Lane   No 170 Springdale, OH 45246 </div> </div> </div>	<div> <div>  </div> </div>					









- GENERAL NOTES:**
- A. CONDUIT RACEWAYS AND BOXES SHALL BE PVC LIQUID TIGHT.
  - B. FOR CIRCUITING NEW EQUIPMENT SEE PANEL SCHEDULE ON SHEET E-600.
- DRAWING NOTES:**
- SUMP PUMPS TO REMAIN.
  - 10HP POOL PUMP AND WIRE A CIRCUIT TO NEW COMBINATION STARTER USING LIQUIDTIGHT CONDUIT.
  - PROVIDE 50A/3P BREAKERS FOR PUMPS.
  - EXISTING RELOCATED COMBINATION STARTER. USE PREVIOUSLY USED CIRCUIT BREAKER. PROVIDE AND INSTALL UNISTRUT BASE SUPPORT FOR STARTERS TO BE MOUNTED ON TOP.
  - RELOCATE EXISTING POOL PUMP P1 TO NEW LOCATION AND CONNECT TO EXISTING RELOCATED COMBINATION STARTER. USE PREVIOUSLY USED CIRCUIT BREAKER.
  - NEW COMBINATION STARTER. PROVIDE AND INSTALL UNISTRUT BASE SUPPORT FOR STARTERS TO BE MOUNTED ON TOP.
  - 120V 1P RECEPTACLE TO BE INSTALLED ABOVE LANDING AT TOP OF STEPS ON THE 1ST FLOOR. CIRCUIT TO PANEL L3 WITH AVAILABLE 20A 120V BREAKER. PROVIDE 20A CIRCUIT BREAKER IF SPARE BREAKER IS NOT AVAILABLE. COORDINATE POSITION ABOVE THE ACID TANK CONTROLS INSTALLATION WITH CONTRACTORS.
  - INSTALL SURFACE-MOUNTED HORSEPOWER RATED SWITCH NEXT TO EXHAUST FAN SLIGHTLY BELOW CEILING TO BE FED FROM 20A SPARE CIRCUIT IN NEAREST APPROPRIATE PANEL AND FEED EXHAUST FAN EF-5. PROVIDE 20A CIRCUIT BREAKER IF SPARE BREAKER IS NOT AVAILABLE.
  - TO BE FED FROM 20A SPARE CIRCUIT IN PANEL L3 OR NEAREST APPROPRIATE PANEL. PROVIDE 20A CIRCUIT BREAKER IF SPARE BREAKER IS NOT AVAILABLE.

CONSTRUCTION DRAWINGS		06/28/2022	CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title BASEMENT POWER PLAN - 247		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		Date:			110 Boggs Lane   No 170 Springdale, OH 45246		BONBRIGHT 66090 REGISTERED PROFESSIONAL ENGINEER 6/28/2022		U.S. Department of Veterans Affairs		Approved: Ryan Jeter				Location CHILLICOTHE, OHIO		Building Number 247	
															Issue Date 6/28/2022		Checked JB	
															Drawn IA		Drawing Number EP-103	



A. DASHED SYMBOLS INDICATE DEVICES AND EQUIPMENT TO BE REMOVED, SOLID SYMBOLS INDICATE DEVICES TO REMAIN.

B. REMOVE ALL LIGHTING FIXTURES. REMOVE WIRING AND CONDUIT BACK TO SOURCE OR LAST POINT OF CONNECTION TO REMAIN.

1. INSTALL 50A/3P BREAKER FOR NEW PUMP - P2. REMOVED EXISTING SPARE BREAKER TO BE TURNED OVER TO VA.

Panel: L3

Location: Tankroom 001

Supply From:

Voltage: 120/208 Wye-3PH-4W

Mounting: Surface

NEMA Type: Type 1

1 A

S.C. Rating:

Maina Type: MCB

Maina Rating: 200 A

Total Connected


11.276 kVA

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	SPARE	60 A	3	0 VA	0 VA		3	60 A	Spare	2	
3	--	--	--	--	0 VA	0 VA		--	--	4	
5	--	--	--	--				--	--	6	
7	Spare	60 A	3	0 VA	3699...		3	50 A	Motor - P1	8	
9	--	--	--	--	0 VA	3699...		--	--	10	
11	--	--	--	--		0 VA	3699...	--	--	12	
13	Spare	60 A	3	0 VA	180 VA		1	20 A	NEW RECEPTACLE	14	
15	--	--	--	--	0 VA	0 VA		1	20 A	Spare	16
17	--	--	--	--		0 VA	0 VA	1	20 A	Spare	18
19	Motor - P2	50 A	3	3699...	0 VA		2	40 A	Spare	20	
21	--	--	--	--	3699...	0 VA		--	--	22	
23	--	--	--	--		3699...	0 VA	1	20 A	Spare	24
25	--	--	--	0 VA				1	20 A	Spare	26
27	Spare	20 A	1		0 VA	0 VA		1	20 A	Spare	28
29	Spare	20 A	1			0 VA	0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA	0 VA			1	20 A	FACP	32
33	Spare	20 A	1		0 VA	0 VA		1	20 A	Pool Fill Valve	34
Total Load:				7.58 kVA	7.40 kVA	7.40 kVA					

Notes:

[illegible]

STATION 538	Drawing Title PANEL SCHEDULES AND DETAILS - 247
	Approved: Ryan Jeter

 U.S. Department  
of Veterans Affairs

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