

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

CHILLICOTHE VAMC RENOVATE THERAPEUTIC POOL AND RECREATION HALL DEPARTMENT OF VETERANS AFFAIRS

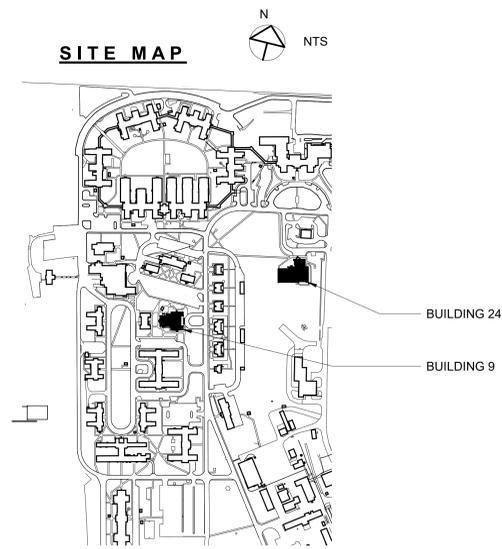
PROJECT # 538-20-201

17273 STATE ROUTE 104
CHILLICOTHE, OH 45601

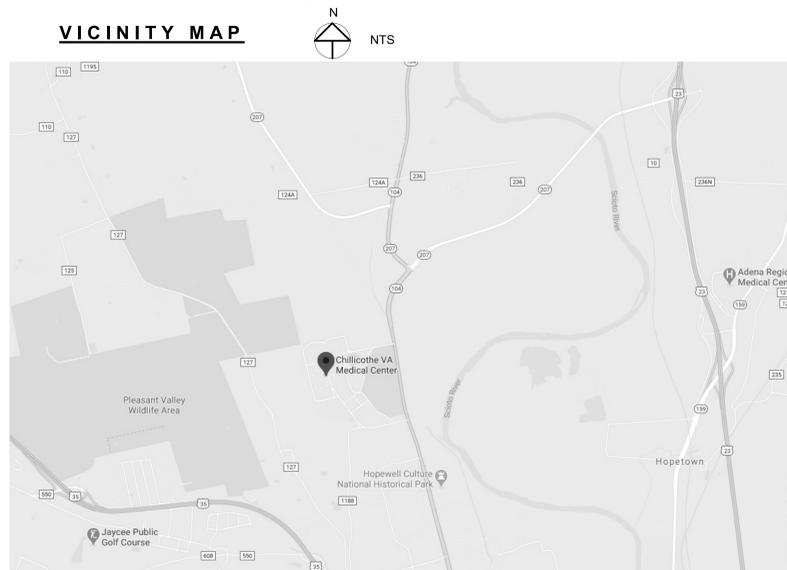
GENERAL NOTES

- UNLESS OTHERWISE NOTED, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING SALVAGED STOCK BEFORE ORDERING NEW MATERIAL.
- 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.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF EXISTING ITEMS TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
- MAINTAIN EXIT EGRESS PATHS TO EXISTING EXIT DOORS DURING CONSTRUCTION.
- 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.
- MAINTAIN THE BUILDING IN A WEATHER TIGHT CONDITION AT ALL TIMES.
- ALL DEMOLITION AND CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE C.O.R. TO MINIMIZE DISRUPTIONS OF NORMAL FUNCTIONS OF THE VA'S OCCUPIED AREAS.
- 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.
- 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.
- THE GENERAL CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO THE VA'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.
- 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.
- 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.
- DO NOT OVERLOAD THE EXISTING BUILDING STRUCTURE. MAINTAIN THE STRUCTURAL INTEGRITY OF ALL STRUCTURAL FRAMING MEMBERS AND SYSTEMS AT ALL TIMES.
- 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.
- 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.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT FOR ITEMS NOT DEMOLISHED OR REMOVED AS REQUIRED UNTIL PERMANENT SUPPORT IS PROVIDED IN THE FINAL CONSTRUCTION.
- 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.
- 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.
- 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 CALK.
- 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.
- 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.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL AUTHORITIES, CODES, RULES AND REGULATIONS.
- 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.
- ANY UNFORESEEN OR UNCLEAR CONDITIONS SHALL BE REPORTED TO THE ARCHITECT AND C.O.R. PRIOR TO PROCEEDING WITH WORK.
- 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.
- UNLESS OTHERWISE NOTED, ALL MATERIALS AND EQUIPMENT ARE TO BE INSTALLED PER THE APPLICABLE PROVISIONS OF THESE DOCUMENTS AND THE MANUFACTURER'S INSTRUCTIONS.
- ALL MATERIALS USED ARE REQUIRED TO BE NEW UNLESS OTHERWISE NOTED.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL MEANS, METHODS AND TECHNIQUES FOR CONSTRUCTION.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR JOB-SITE SAFETY INCLUDING BUT NOT LIMITED TO THE ADHERENCE TO OSHA REGULATIONS.
- ALL ELECTRICAL, PLUMBING AND MECHANICAL WORK SHALL BE PERFORMED BY PERSONNEL LICENSED IN THE STATE WHERE THIS PROJECT IS LOCATED.
- 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.
- COORDINATE ALL WORK WITH ALL OTHER DISCIPLINES. SEAL CONSTRUCTION TIGHT TO ALL PENETRATIONS AND CALK. ALL PENETRATIONS THROUGH FIRE RATED CONSTRUCTION MUST BE FIRE SAFOED IN ACCORDANCE WITH THE SPECIFICATIONS.
- DO NOT SCALE DRAWINGS. DIMENSIONS SHALL GOVERN. ALL PLAN DIMENSIONS ARE TAKEN TO FINISH FACE OF CONSTRUCTION.
- ALL CONCEALED WOOD SHALL BE FIRE RETARDANT TREATED.

SITE MAP



VICINITY MAP



PHASING NOTES

- 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).
- OCCUPANTS WILL BE RELOCATED FROM THE IMMEDIATE AREA OF THE CONSTRUCTION ACTIVITY.
- 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.

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
COVER SHEET
 Approved: Ryan Jeter

Phase
CONSTRUCTION DOCUMENTS

Project Title
RENOVATE THERAPEUTIC POOL & RECREATION HALL
 Location
 CHILLICOTHE, OHIO

Project Number
 538-20-201
 Building Number
 9
 Drawing Number
GI-001

C:\Users\lham\OneDrive\Documents\Chillicothe Building 9_2021_mek.mxd.rvt

A

B

C

D

E

F

A

B

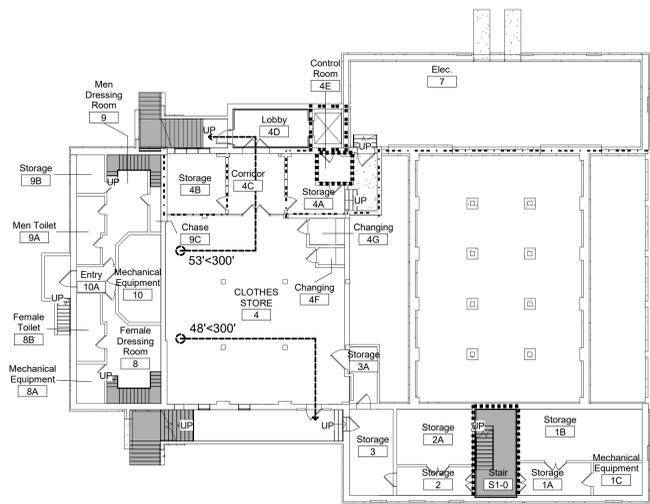
C

D

E

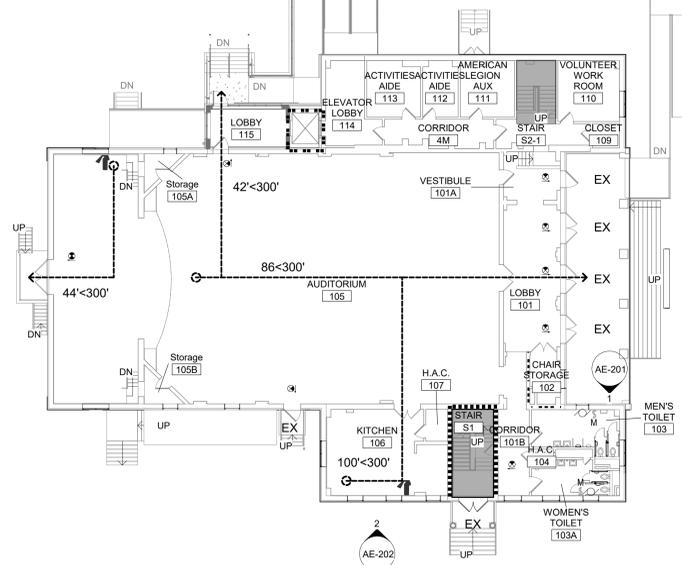
F

BUSINESS: 2,687 SF
STORAGE: 1,417 SF
UTILITY: 1,534 SF - 8 OCCUPANTS



2 BASEMENT - LIFE SAFETY PLAN
1/16" = 1'-0"

ASSEMBLY: 5,609 SF
BUSINESS: 2,900 SF
STORAGE: 217 SF



1 FIRST FLOOR - LIFE SAFETY PLAN
1/16" = 1'-0"



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)

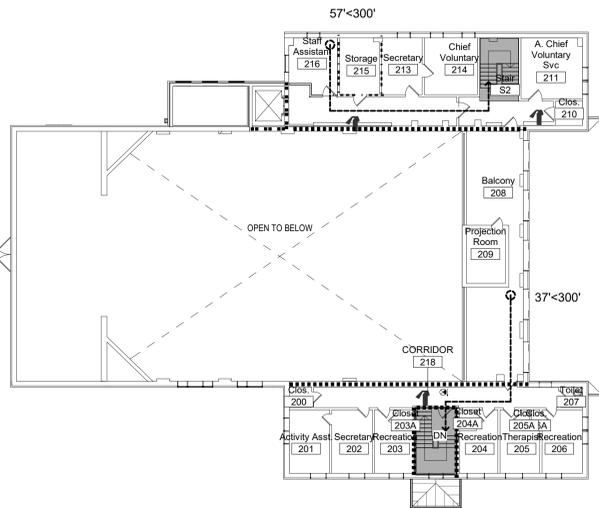
EXISTING EGRESS ROUTES ARE UNAFFECTED BY NEW WORK IN BUILDING 9. MINOR ACCESSIBILITY UPGRADES WILL BE MADE TO THE FIRST FLOOR GANG RESTROOMS. MINIMAL PATCHING WILL OCCUR AT ADJACENT FINISHES.

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

BUSINESS: 2,449 SF
STORAGE: 193 SF



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

6/26/2022 5:28:36 PM

C:\Users\mham\OneDrive\Documents\Chillicothe Building 9_2021_mha.mxd

CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE

110 Boggs Lane | No 170
Springdale, OH 45246



STATION
538

VA U.S. Department of Veterans Affairs

Drawing Title
LIFE SAFETY PLAN - BUILDING 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

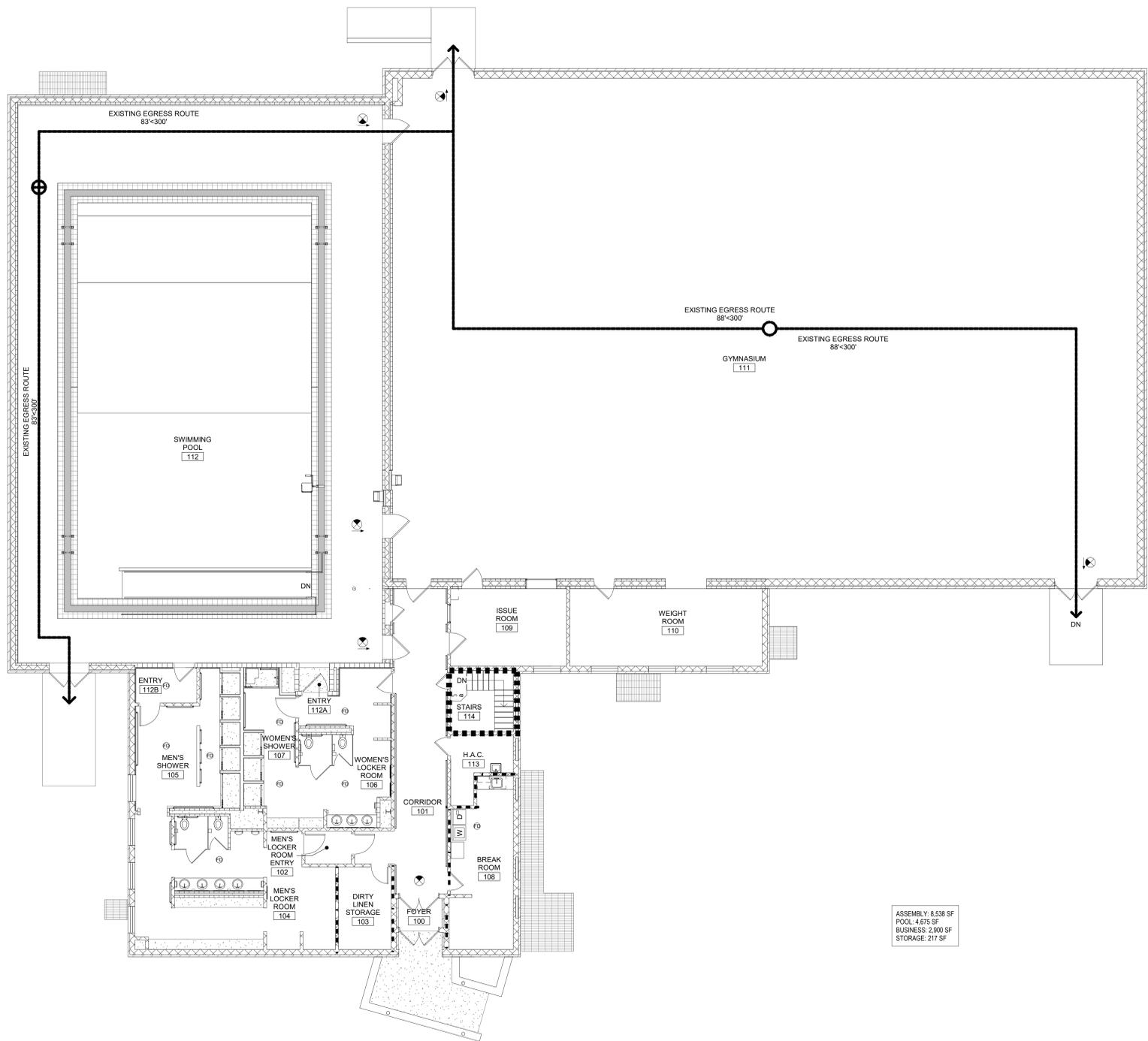
Project Number
538-20-201

Building Number
9

Drawing Number
GI-002

LIFE SAFETY LEGEND

- 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"

ASSEMBLY: 8,538 SF
 POOL: 4,675 SF
 BUSINESS: 2,800 SF
 STORAGE: 217 SF

C:\Users\mham\OneDrive\Documents\Chillicothe Building 247_2021_Life models.rvt 6/28/2022 3:30:04 PM

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
 LIFE SAFETY PLAN - BUILDING 247

Approved: Ryan Jeter

Phase
 CONSTRUCTION DOCUMENTS

Project Title
 RENOVATE THERAPEUTIC POOL & RECREATION HALL

Location
 CHILLICOTHE, OHIO

Project Number
 538-20-201

Building Number
 247

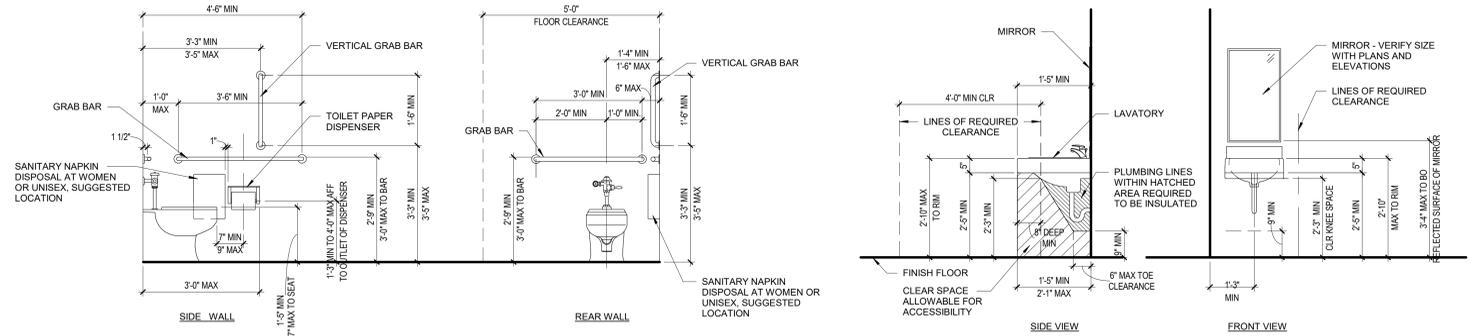
Drawing Number
 GI-003

SYMBOLS

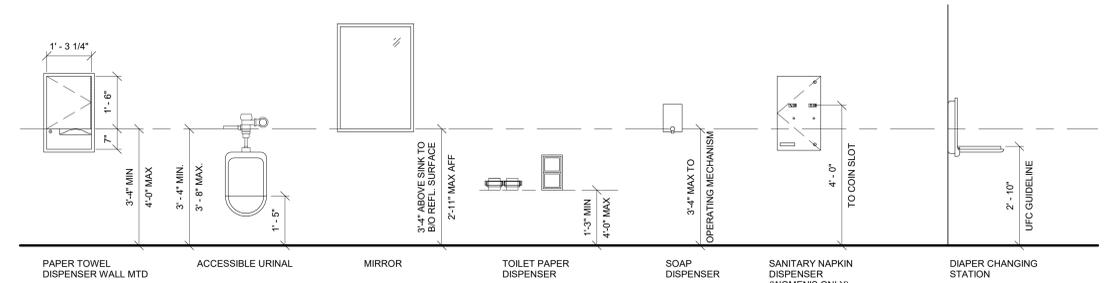
	NORTH ARROW
Name Elevation	LEVEL NAME W/ ELEVATION
	GRID HEAD
	CALL OUT HEAD W/ SHEET NUMBER
Room name 100 150 SF	ROOM NAME W/ ROOM NUMBER, AREA & OCCUPANCY
	BUILDING SECTION NUMBER W/ SHEET NUMBER
	WALL SECTION NUMBER W/ SHEET NUMBER
	DETAIL SECTION NUMBER W/ SHEET NUMBER
	DOOR NUMBER
	WALL TAG
	KEYNOTE
	REVISION TAG
	CEILING TAG WITH HEIGHT

ABBREVIATIONS

& AND	ENCL. ENCLOSURE	L.H. LEFT HAND	S. SOUTH
ANGLE	EQUIV. EQUIVALENT	L.L. LIVE LOAD	S.A.B. SOUND ATTENUATION
AT EACH SIDE	E.W. EACH WAY	L.P. LOW POINT	S.A.D. SEE ARCHITECTURAL DRAWINGS
CENTERLINE	E.M.C. ELECTRICAL WATER CLOSET	LT. LIGHT	S.A.F.F. SELF ADHERED FLEXIBLE FLASHING
DOOR LINE	EXT. EXTERIOR	MAT. MATERIAL	S.A.S.M. SELF ADHERED SHEET MEMBRANE
PROPERTY LINE	EXP.B. EXPANSION BOLT	MAX. MAXIMUM	S.B.L.G. SOLID BULKHEAD
POUND OF NUMBER	EXP.C. EXPANSION JOINT	M.B. MACHINERY	S.C.D. SEE CIVIL DRAWINGS
	EXT. EXTERIOR	M.C. MEDICINE CABINET	S.D. STORE DRAIN
A.B. ANCHOR BOLT	F. FACE	M.E.P. MECHANICAL ELECTRICAL PLUMBING	S.E.D. SEE ELECTRICAL DRAWINGS
A.C.M. ASBESTOS CONTAINING MATERIALS	F.A. FIRE ALARM	MFG. MANUFACTURER	S.E.P. SEEPER
A.C.P. ASPHALT CONCRETE	F.B. FACE BRICK	MIN. MINIMUM	S.H. SHEET
AC. AIR CONDITIONING	F.B.D. FURNISHED BY OTHERS	MIR. MIRROR	S.H.W. SHEET WALL
ACOU. ACOUSTIC	F.D. FLOOR DRAIN	MIS. MISCELLANEOUS	SHT. SHEET
A.C.T. ACOUSTICAL CEILING TILE	F.F. FINISH FLOOR	M.O. MASONRY OPENING	SHTG. SHEETING
A.D. AREA DRAIN	F.F.G. FINISH GRADE	M.P.H. MOP HOLDER	SIM. SIMILAR
ADJ. ADJUSTABLE	F.F.L. FIBERGLASS FLOOR	M.R. MIRROR	S.L.D. SEE LANDSCAPE DRAWINGS
AGE. AGE	F.H. FIRE HYDRANT	M.T. MOUNTED	S.M.D. SEE MECHANICAL DRAWINGS
ALUM. ALUMINUM	F.H.M.S. FLAT HEAD MACHINE SCREW	N. NORTH	S.N.D. SANITARY NAPKIN DISPENSER
ALTERNATE	F.H.O. FIRE HORN	N.I.C. NOT IN CONTRACT (APPROVAL)	S.P. SPECIFICATION
APPROX. APPROXIMATE	F.H.S. FLAT HEAD WOOD SCREW	N.O. NUMBER	S.Q. FT. SQUARE FOOT (FEET)
ARCH. ARCHITECT	F.I. FINISH	NOM. NOMINAL	S.S. SANITARY SEWER
ASPH. ASPHALT	F.I.C. FLOOR JOIST	NONCOM. NON-COMBUSTIBLE	S.S.D. SEE STRUCTURAL DRAWINGS
BD. BOARD	F.I.F. FIBERGLASS FLOOR	N.T.S. NOT TO SCALE	STA. STATION
BTUM. BITUMENOUS	F.I.O.B. FACE OF BUILDING	O. OVER	STA. STATION
BLDG. BUILDING	F.I.O.C. FACE OF CONCRETE	O.A. OVERALL	STL. STEEL
BLK. BLOCKING	F.I.O.F. FACE OF FINISH	OBS. OBSOLETE	S.T.L. STAINLESS STEEL
BM. BENCH MARK w/ BEAM	F.I.O.M. FACE OF MASONRY	O.C. ON CENTER	STRUC. STRUCTURAL
BRG. BEARING	F.I.S. FIRE RESISTANT	O.D. OUTSIDE DIAMETER	SUSP. SUSPENDED
BRZ. BRONZE	F.I.T.W. TREATED WOOD	OFF. OFFICE	T.B. TACKBOARD
BTWN. BETWEEN	F.I.S.C. FIRE SUPPRESSION CONTRACTOR	O.F.S. OUTSIDE FACE OF	TAB. TOP AND BOTTOM TELEPHONE
B.U.R. BUILT-UP ROOFING	F.I.V. FIRE VALVE CABINET	O.H.W.S. OVAL HEAD WOOD SCREW	TEMP. TEMPERED
CAB. CABINET	G.A. GAUGE	OPP. OPPOSITE	TES. TONGUE AND GROOVE TERSAZZO
CARP. CARPET	G.A.V. GALVANIZED	P. PAINT	T.K. TACK
C.B. CATCH BASIN	G.C. GENERAL CONTRACTOR	P.L. PLUMBING CONTRACTOR	T.N. TOP NAIL
C.B.B. CEMENT/TITANITE BACKER BOARD	G.C.E. GENERAL CONTRACTOR EQUIPMENT	P.C.F. POUNDS PER CURB	T.O.C. TOP OF CURB
CEM. CEMENT	G.D. GARBAGE DISPOSAL	P.E.N. PANEL EDGE NAILING	T.O.P. TOP OF PAVENTMENT
CER.T. CERAMIC TILE	G.E. GRATE ELEVATION	PERF. PERFORATED	T.O.P.L. TOP OF PLATE
C.F.C.I. CONTRACTOR FURNISH CONTRACTOR INSTALL	G.I. GALVANIZED IRON	PL. PLAT	T.O.S. TOP OF SEAT
C.F.C.I. CONTRACTOR FURNISH CONTRACTOR INSTALL CONTRACTOR FURNISH	G.L. GLASS	PLAS. PLASTER	T.O.W. TOP OF WALL
CH.K. CHAIR	G.L.B. GLUE LAMINATED BEAM	PLAS. PLASTER PER LINEAR FOOT	T.P.D. TOILET PAPER DISPENSER TRANSDOM
C.I. CAST IRON	G.N.D. GROUND	PLYWD. PLYWOOD	T.S.C.D. TOILET SEAT COVER
C.I. CONSTRUCTION JOINT	GR. GRADE	P.M.F. PRESSEB METAL FRAME	T.S. TISSUE
C.I.C. CEILING JOIST	G.R. GALVANIZED SHEET METAL	PROP. PROPERTY	T.V. TELEVISION
CL.G. CALLING	G.V.B. GYPSUM BOARD	P.S.F. POUNDS PER SQUARE FOOT	TYP. TYPICAL
CL.K. CLEAR	H.B. HOSE BIB	P.S.I. POUNDS PER SQUARE INCH	UNF. UNFINISHED
CL.C. CLOSURE	H.C. HANDICAPPED	P.S.T. PULL STATION	UR. URNA
CMU. CONCRETE MASONRY UNIT	H.H. HARDWOOD	P.T.D. PAPER TOWEL DISPENSER	US. UNDERSIDE
CONTR. CONTRACTOR	H.H.C. HANDICAPPED CONTRACTOR	P.T.D. PAPER TOWEL DISPENSER	V.C.T. VINYL COMPOSITION TILE
CONV.O. CONVECTION OVEN	H.H.W. HARDWARE	P.T. POINT	VERT. VERTICAL
COR. CENTER	H.H.M. HEAVY METAL	P.T.D.F. PRESSURE TREATED PARTICULATE	V.G. VERTICAL GRAN
C.W. COLD WATER	H.H.S. HOLLOW STRUC. STL.	PTN. POINT	V.H. VENT W/ FIELD
C.W. CURTAIN WALL	H.H.C. HEATING VENTILATION & AIR CONDITIONING	P.T.R. PAPER TOWEL RECEPTACLE	V.T. VENT TO ROOF
DET. DETAIL	I.D. INSIDE DIAMETER	P.V.C. POLYVINYL-CHLORIDE	V.V.C. VINYL WALL COVERING
D.F. DETAILS	INSUL. INSULATION	Q.T. QUARRY TILE	V.F. FINISHED CONTRACTOR INSTALLED
D.F. DRINKING FOUNTAIN	INT. INTERIOR	R.B. RADIUS	V.F. FINISHED AND INSTALLED
DIA. DIAMETER	JAN. JANITOR	R.C.P. REFLECTED CEILING	W. WEST
DIAG. DIAGONAL	J.H. JOIST HANGER	R.D. PLAN	W. WITH
DM. DIMENSION	J.T. JOINT	R.D.W. REDWOOD	W.C. WATER CLOSET
DISP. DISPOSAL	KIT. KITCHEN	REF. REFERENCE	W.D.W. WINDOW
DIV. DIVISION	LAB. LABORATORY	REF. REFERENCE	W.D. WATER COOLER
DN. DOWN	LAM. LAMINATE	RES. RESILIENT	W.H. WATER HEATER
D.O. DOOR OPENING	LAV. LAVATORY	R.H.K. ROBE HOOK	W.P. WATER PROOF
D.S. DOWN SPOUT	L.B. LAG BOLT	R.H.M.S. ROUND HEAD METAL SCREW	W.R. WATER RESISTANT
D.T. DRAIN TILE	L.E. LAMINATE	R.H.W.S. ROUND HEAD WOOD SCREW	W.W.F. WELDED WIRE FABRIC
D.W. DISHWASHER	L.E. LAMINATE	R.M. ROCK	YD. YARD
DWG(S) DRAWING(S)	L.E. LAMINATE	R.O. ROUGH OPENING	
DWR. DRAWER	L.E. LAMINATE	R.W.L. RAIN WATER LEADER	
(E) EXISTING			
EACH			
E.C. ELECTRICAL CONTRACTOR			
EACH END			
E.E. EXHAUST FAN			
E.J. EXPANSION JOINT			
E.L. ELECTRICAL			
ELEV. ELEVATION			
E.N. EDGE NAIL			



2 ACCESSIBLE TOILET CLEARANCE 1/2" = 1'-0"
3 TYP. ACCESSIBLE LAVATORY CLEARANCE 1/2" = 1'-0"



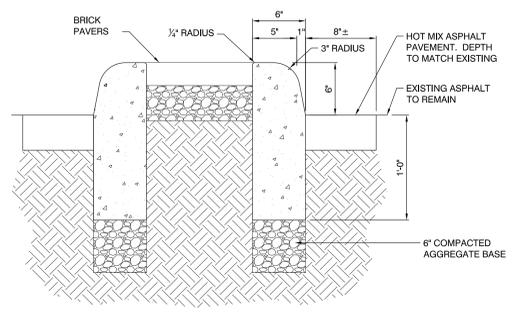
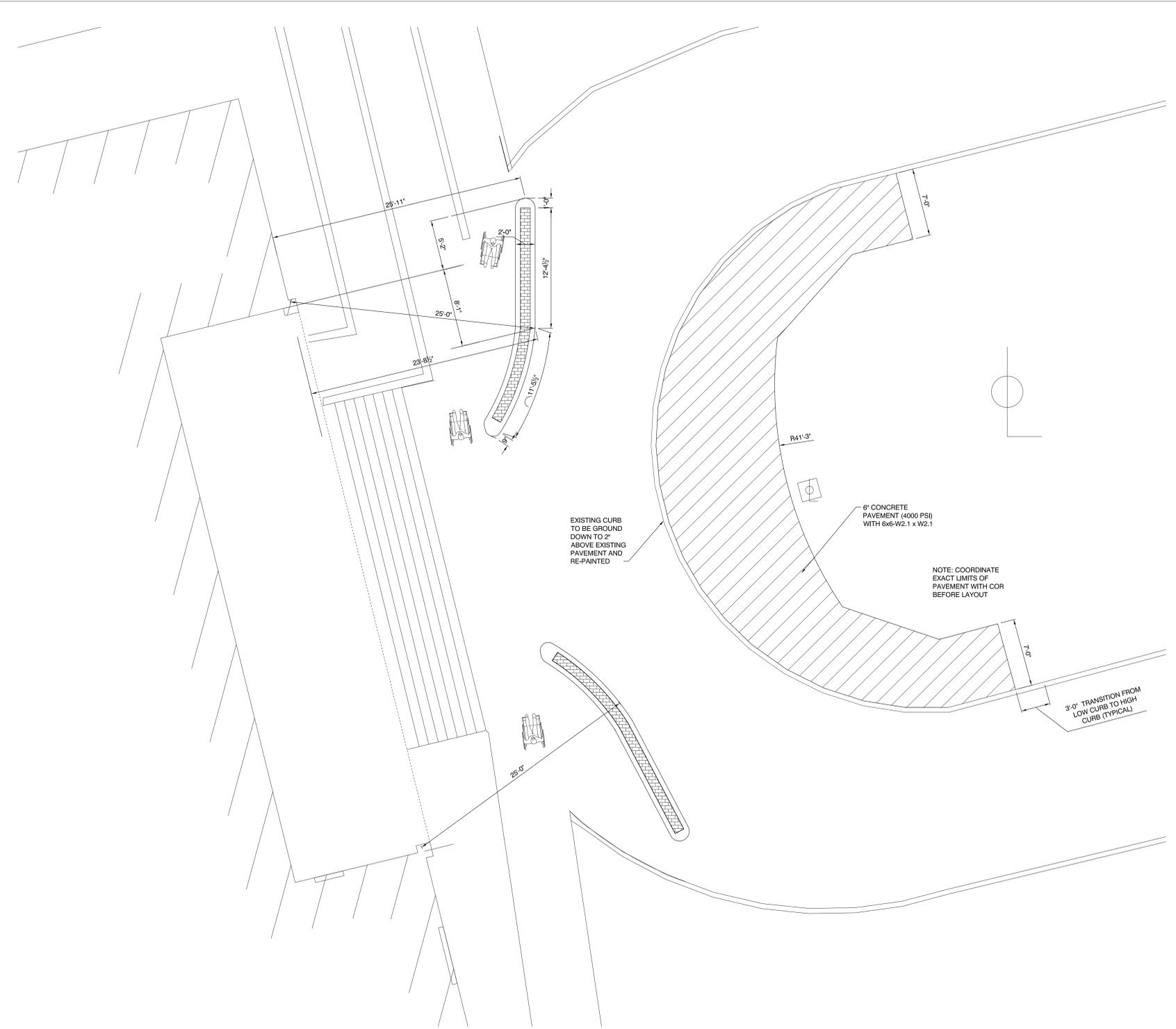
1 RESTROOM FIXTURES AND ACCESSORIES 1/2" = 1'-0"

CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP	Drawing Title ACCESSIBILITY DETAILS AND NOTES	Phase CONSTRUCTION DOCUMENTS	Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL	Project Number 538-20-201
		110 Boggs Lane No 170 Springdale, OH 45246			Approved: Ryan Jeter		Location CHILlicothe, OHIO	Building Number
CONSTRUCTION DRAWINGS		06/28/2022		STATION 538			Issue Date 3/30/2022	Drawing Number GI-004
Revisions:		Date:		VA U.S. Department of Veterans Affairs			Checked PQ	Drawn NM

6/28/2022 5:29:00 PM
C:\Users\ntam\OneDrive\Documents\Chillicothe Building 9_2021_mak.mouds.rvt

6/14/2008 12:39:03 PM

File Path



(BASED ON ODOT TYPE 6 CURB)
CURB DETAIL
SCALE: 1 1/2" = 1'-0"

NOT FOR CONSTRUCTION

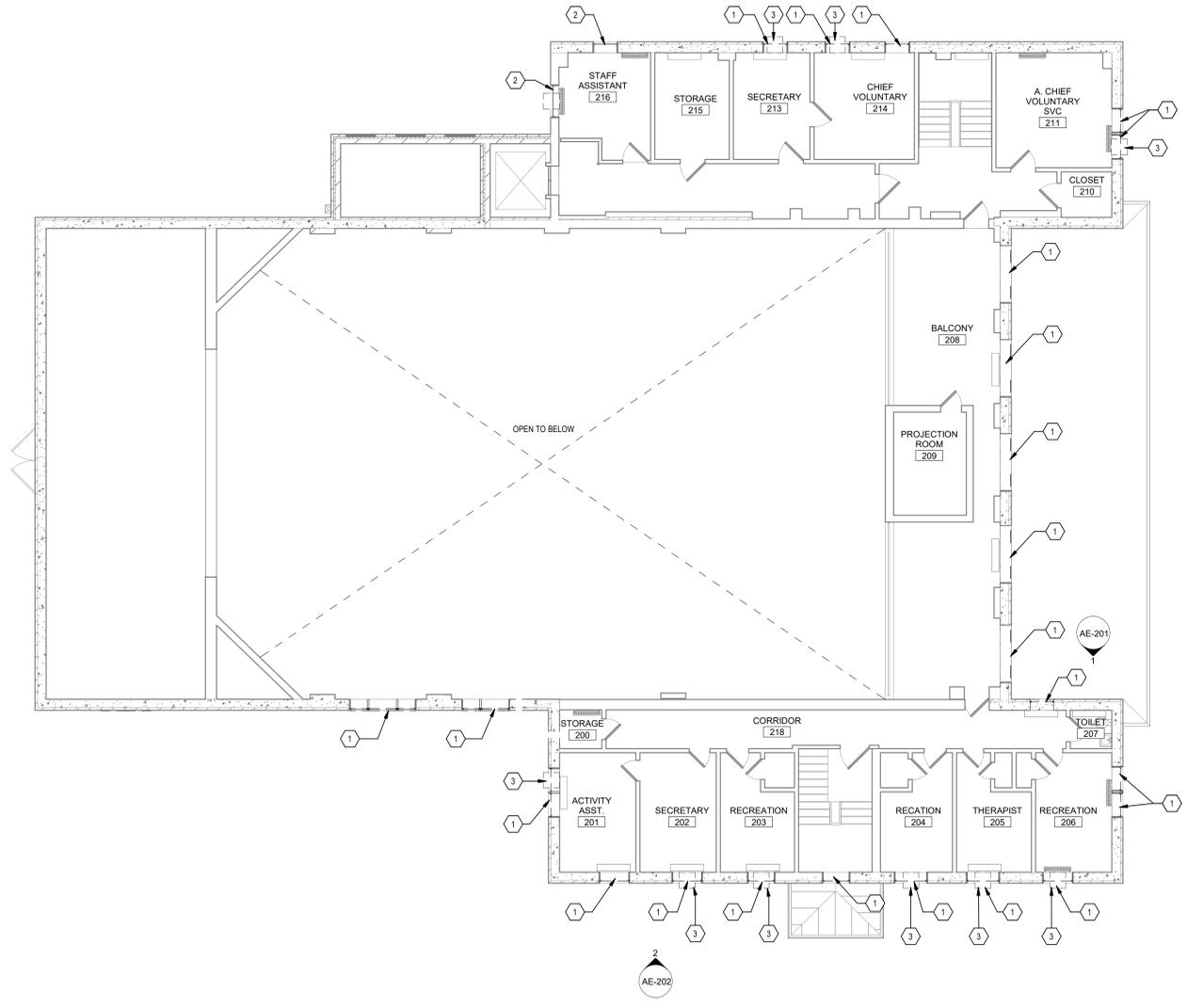
CONSULTANT XXX Revisions: _____ Date: _____		ARCHITECT/ENGINEER OF RECORD CHILLICOTHE, OHIO VAMC PLANNING AND DESIGN		STAMP	STATION 538 VA U.S. Department of Veterans Affairs	Drawing Title SITE PLAN - B9 Approved: Ryan Jeter	Phase 70% DESIGN DEVELOPMENT	Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL	Project Number 538-20-201 Building Number 9 Drawing Number CS-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 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"

6/26/2022 5:26:20 PM
C:\Users\mham\OneDrive\Documents\Chillicothe Building 9_2021_maha.mxd.rvt
F

CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

 110 Boggs Lane | No 170
 Springdale, OH 45246

STAMP


STATION
 538


Drawing Title
SECOND FLOOR - DEMOLITION 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

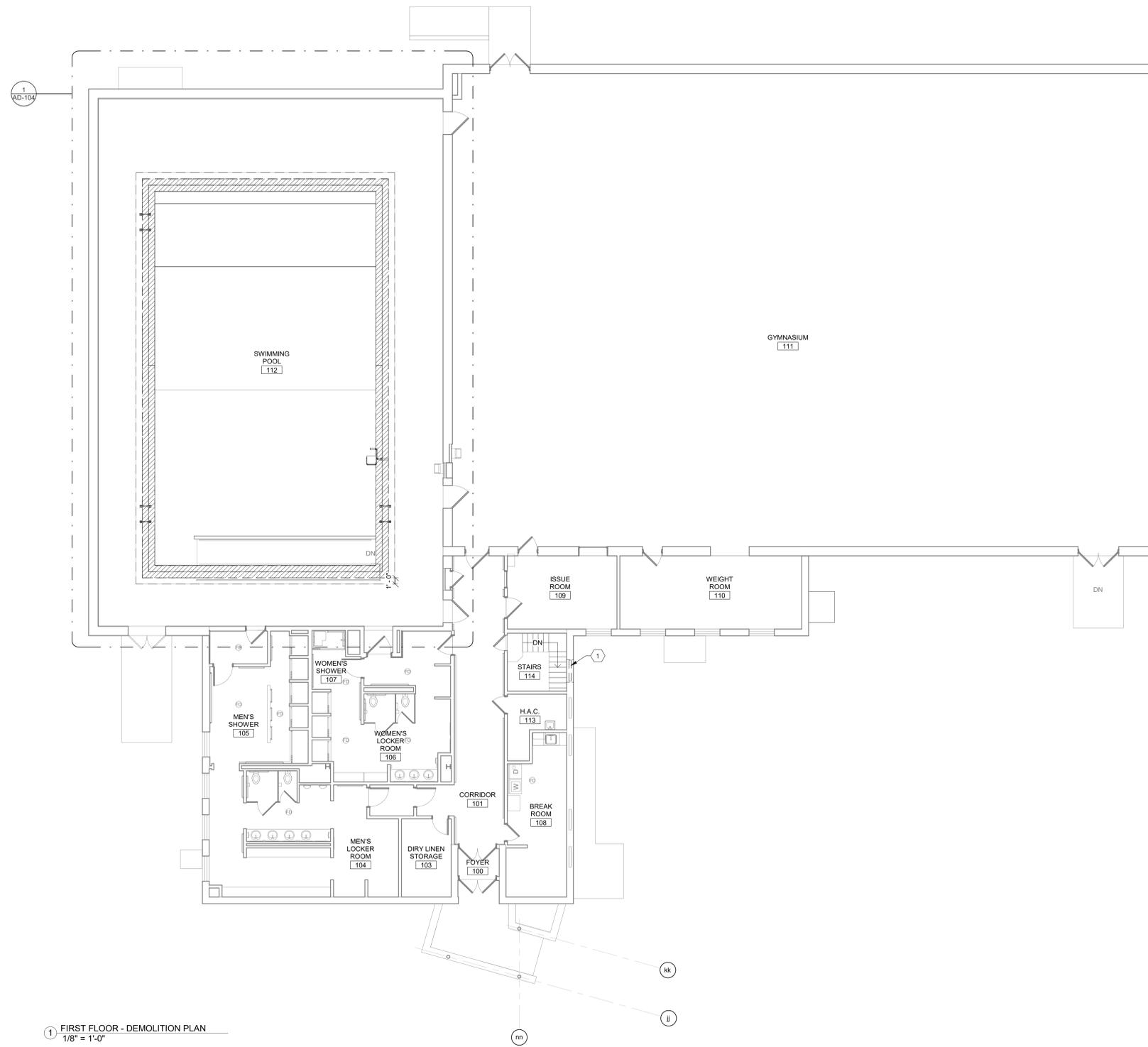
Project Number
 538-20-201
 Building Number
 9
 Drawing Number
AD-102

GENERAL NOTES

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

DEMOLITION NOTES

1 REMOVE WINDOW AND METAL MESH.



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

C:\Users\rlam\OneDrive\Documents\Chillicothe Building 247_2021_rls.mxd 6/28/2022 5:29:54 PM

CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE

110 Boggs Lane | No 170
Springdale, OH 45246



STATION
538

VA U.S. Department of Veterans Affairs

Drawing Title
OVERALL DEMOLITION PLAN - 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

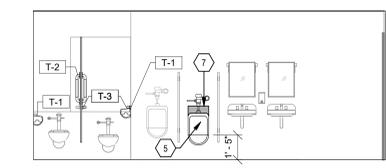
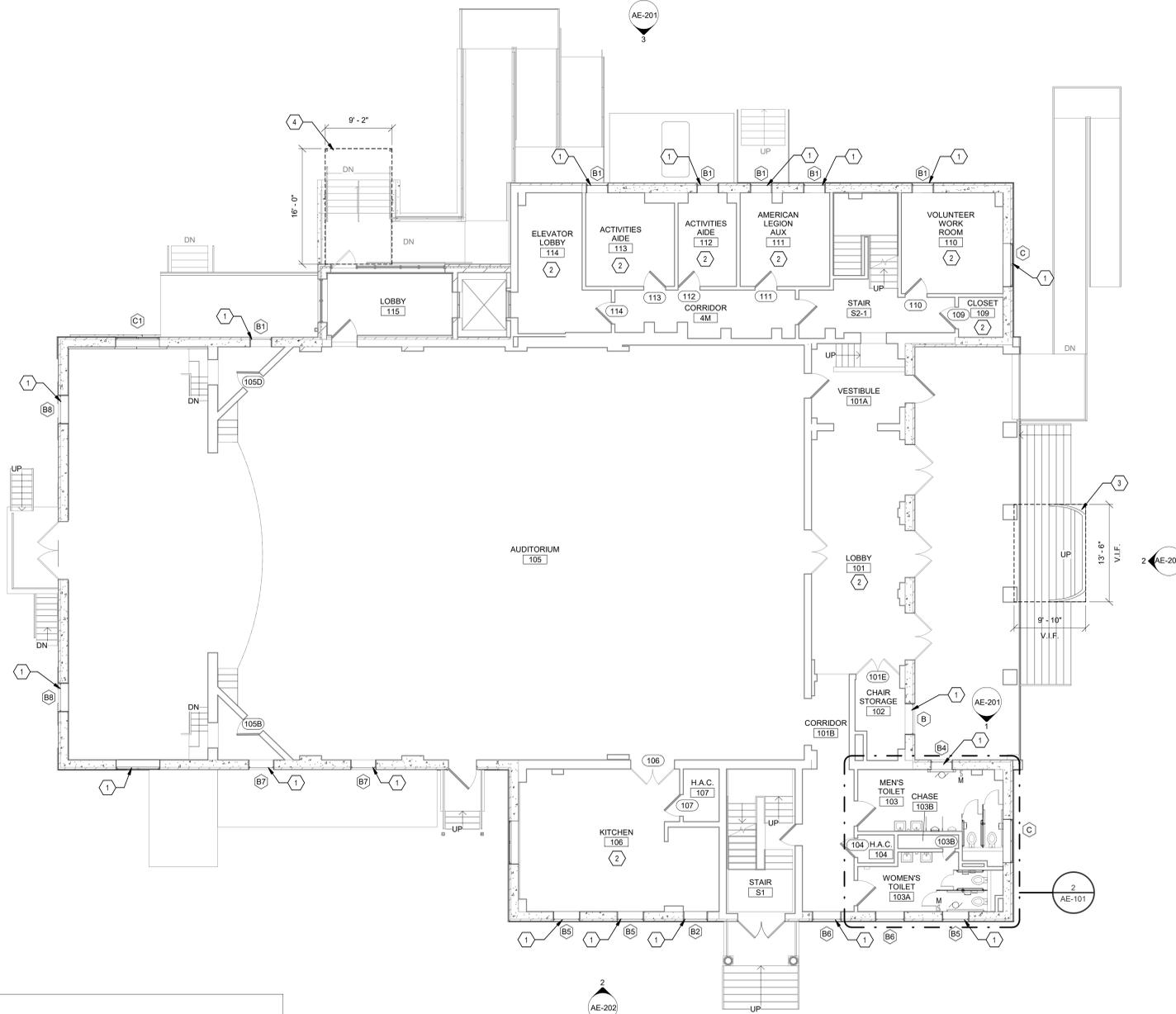
Drawing Number
AD-103

GENERAL NOTES

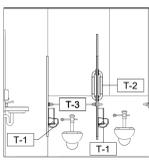
- A. REFER TO SHEET AE-701 FOR DOOR AND WINDOW TYPES AND SCHEDULES.
- B. ALL EXISTING CONSTRUCTION IS TO REMAIN UNLESS NOTED OTHERWISE.

NEW WORK KEYNOTES

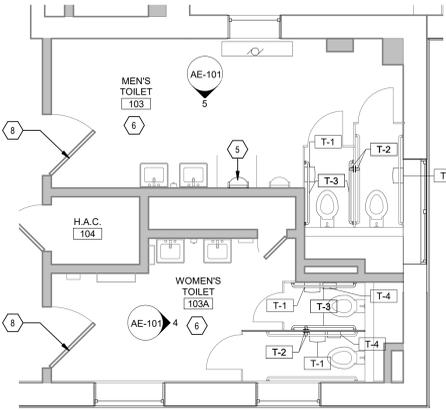
- 1 ALUMINUM DOUBLE HUNG WINDOW - REFER TO DETAILS ON AE-701 FOR MORE INFORMATION.
- 2 NO WORK IN THIS AREA.
- 3 NEW FABRIC AWNING ON EXISTING FRAME - CONTRACTOR SHALL VERIFY DIMENSIONS OF EXISTING FRAMING PRIOR TO AWNING FABRICATION.
- 4 9'-2" X 16'-0" FABRIC AWNING ON ALUMINUM FRAME - SUPPORT AT EXISTING BRICK WALL AND CONCRETE SIDEWALK PER MANUFACTURER'S RECOMMENDATIONS.
- 5 LOWER URINAL TO MEET ACCESSIBILITY CODE - REFER TO SHEET G4-004. PATCH AND REPAIR WALL.
- 6 RELOCATE TOILET ACCESSORIES PER MOUNTING DETAILS ON 1/01004
- 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.



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 G4-004 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

Phase
CONSTRUCTION DOCUMENTS

Project Title
RENOVATE THERAPEUTIC POOL & RECREATION HALL

Project Number
538-20-201
Building Number
9

Location
CHILLICOTHE, OHIO

Drawing Number
AE-101



110 Boggs Lane | No 170
Springdale, OH 45246



Approved: Ryan Jeter

Issue Date
3/30/2022

Checked
PQ

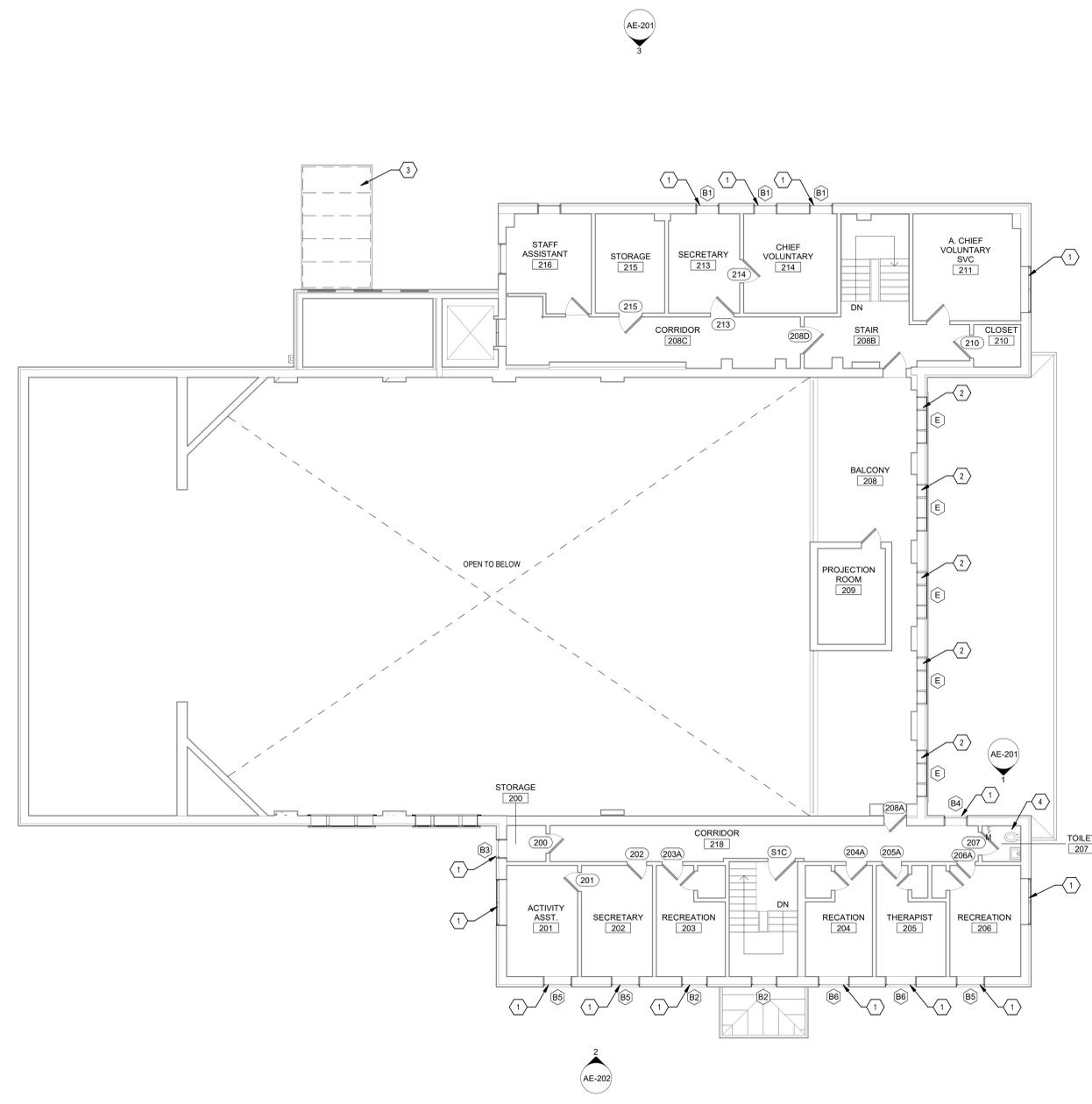
Drawn
NM

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



1 SECOND FLOOR - NEW WORK PLAN
1/8" = 1'-0"



6/26/2022 5:28:31 PM
C:\Users\mham\OneDrive\Documents\Chillicothe Building 9_2021_maha.mxd.rvt

CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE

110 Boggs Lane | No 170
Springdale, OH 45246



STATION
538

VA U.S. Department of Veterans Affairs

Drawing Title
SECOND FLOOR - NEW WORK PLAN - 9

Approved: Ryan Jeter

Phase
CONSTRUCTION DOCUMENTS

Project Title
RENOVATE THERAPEUTIC POOL & RECREATION HALL

Location
CHILICOTHE, OHIO

Project Number
538-20-201

Building Number
9

Drawing Number
AE-102

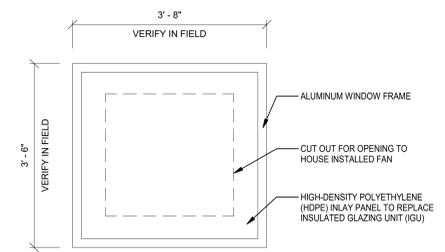
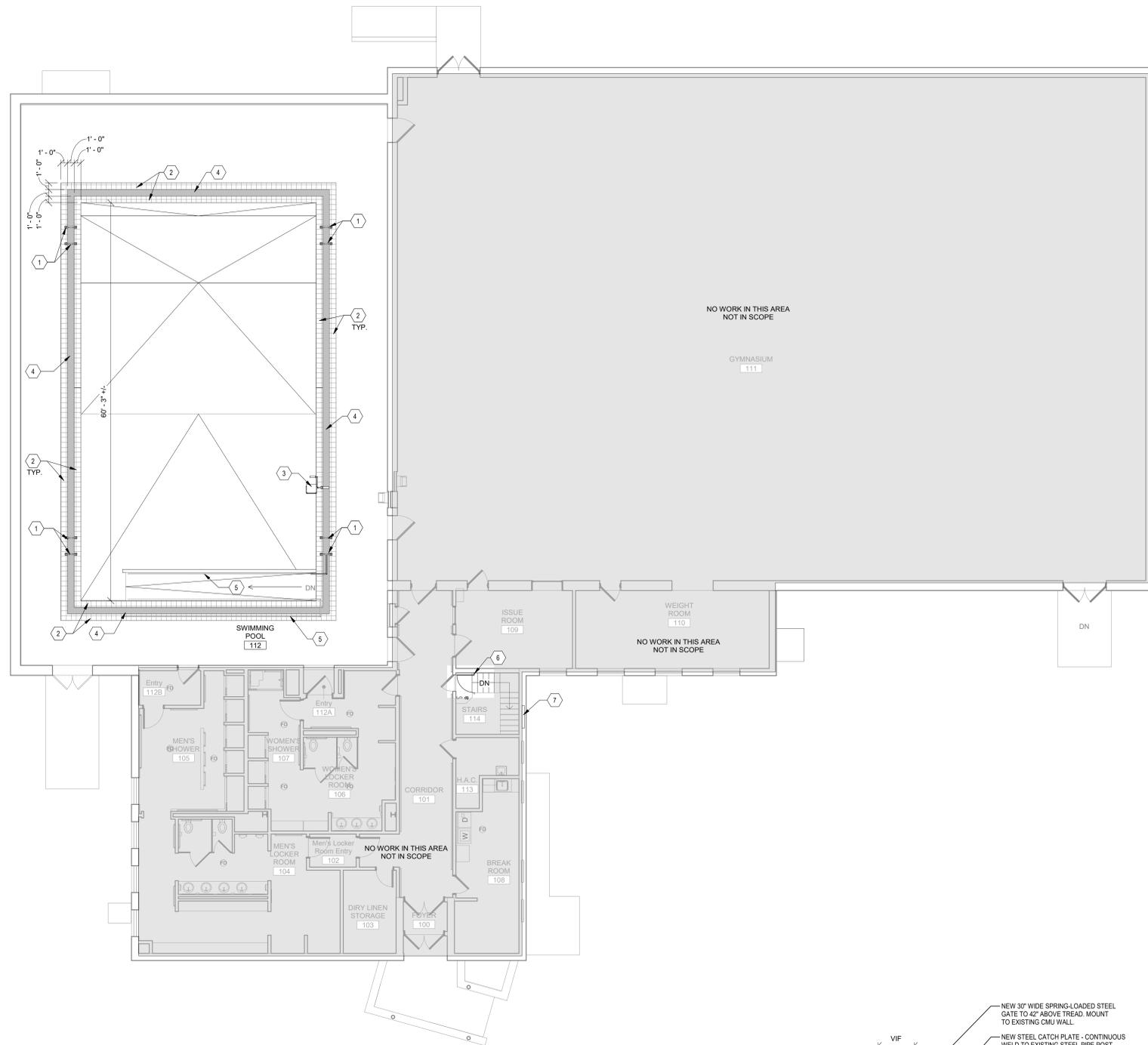
Issue Date 3/30/2022	Checked PQ	Drawn NM
-------------------------	---------------	-------------

GENERAL NOTES

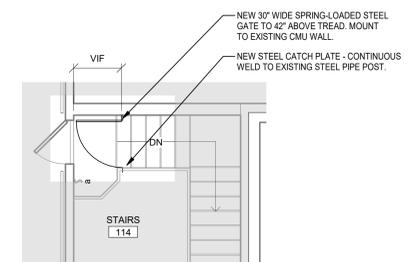
A. OMIT ALL WORK SHOWN ON THIS SHEET AS A PART OF DEDUCT ALTERNATE #1.

NEW WORK KEYNOTES

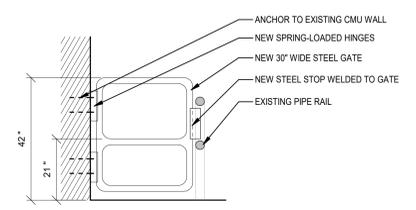
- 1 NEW RAILING AND HARDWARE MOUNTED TO EXISTING CONCRETE SLAB.
- 2 NEW RED CERAMIC TILE BORDER ON EACH SIDE OF OVERFLOW COVER TO MATCH EXISTING ADJACENT.
- 3 POOL LIFT TO BE REINSTALLED AND BROUGHT TO WORKING ORDER.
- 4 NEW METAL TRENCH DRAIN COVER AT PERIMETER OF EXISTING POOL.
- 5 EXISTING HANDRAIL 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 38"WX39"H OPENING. VERIFY DIMENSIONS IN FIELD. WINDOW SHALL CONTAIN BLANK-OFF PANEL FOR MECHANICAL EQUIPMENT - REFER TO DETAIL 4/AE-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"

6/26/2022 5:30:01 PM
C:\Users\rlam\OneDrive\Documents\Chillicothe Building 247_2021_rls\title.mxd.rvt

CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

 110 Boggs Lane | No 170
 Springdale, OH 45246

STAMP


STATION
 538


Drawing Title
NEW WORK AND FINISH PLAN - 247
 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

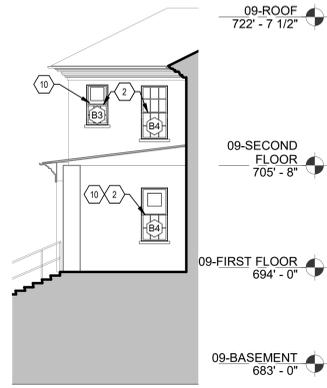
Project Number
 538-20-201
 Building Number
 247
 Drawing Number
AE-103

GENERAL NOTES

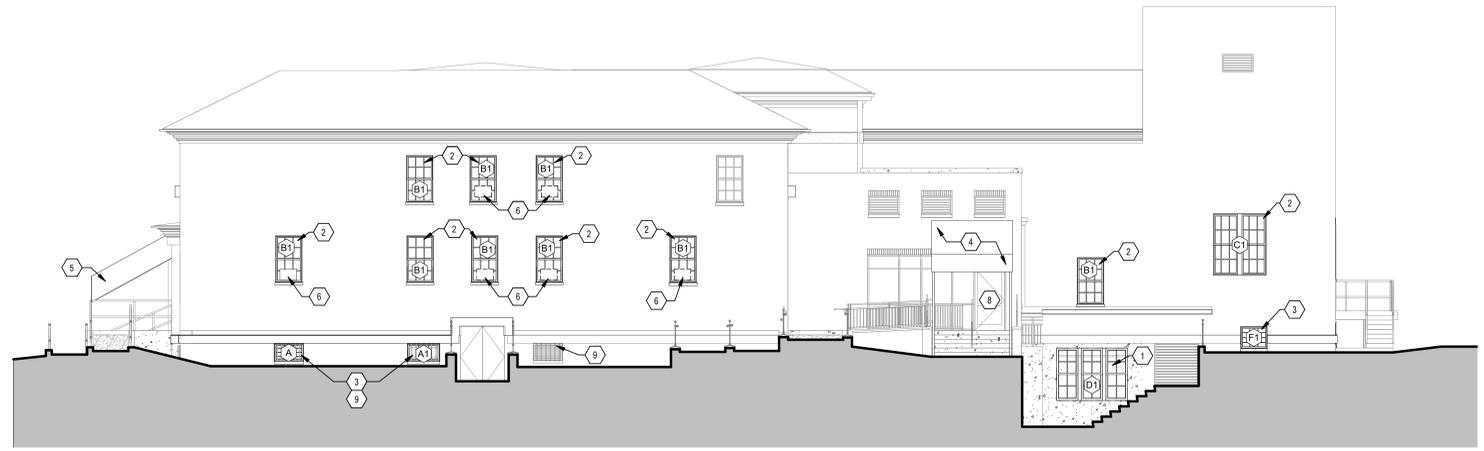
- A. REFER TO SHEET AE-701 FOR DOOR AND WINDOW TYPES AND SCHEDULES.
- B. ALL EXISTING CONSTRUCTION IS TO REMAIN UNLESS NOTED OTHERWISE.

NEW WORK KEYNOTES

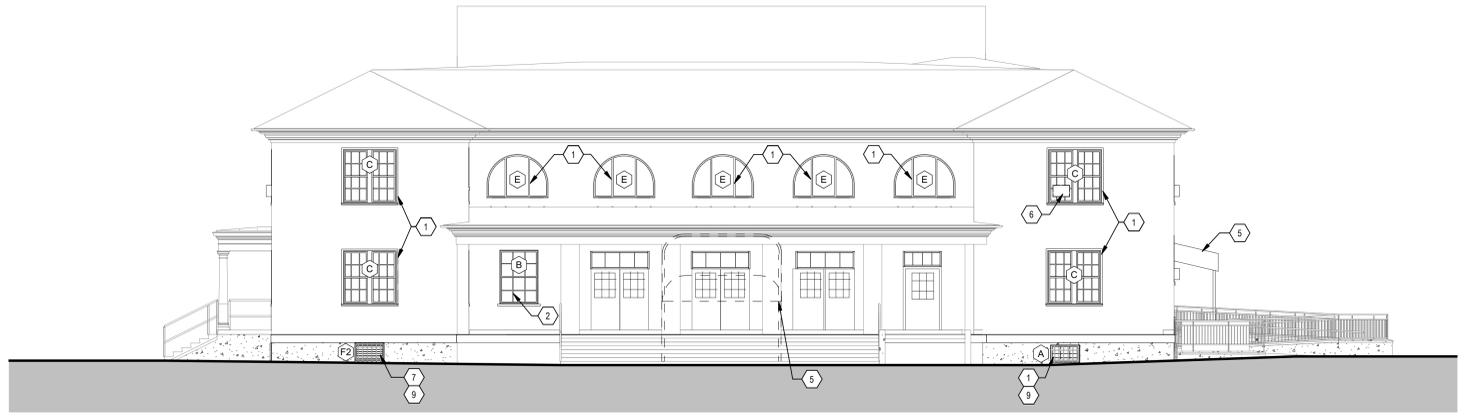
- 1 ALUMINUM WINDOW - REFER TO DETAILS ON AE-701 FOR MORE INFORMATION.
- 2 ALUMINUM DOUBLE HUNG WINDOW - REFER TO DETAILS ON AE-701 FOR MORE INFORMATION.
- 3 ALUMINUM WINDOW - REFER TO DETAILS ON 9-AE701 FOR MORE INFORMATION.
- 4 6'-2" X 16'-0" FABRIC AWNING ON ALUMINUM FRAME - SUPPORT AT EXISTING BRICK 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 PANEL TO REPLACE UPPER INSULATED GLAZING UNIT. CONTRACTOR TO CUT OPENING TO HOUSE FAN.



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

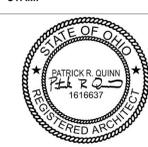


3 EXTERIOR ELEVATION - NORTH
1/8" = 1'-0"



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

6/26/2022 5:28:40 PM
C:\Users\adam.D\OneDrive\Documents\Chillicothe Building 9_2021_mek.mxd.rvt

<table border="1"> <tr> <td>CONSTRUCTION DRAWINGS</td> <td>06/28/2022</td> </tr> <tr> <td>Revisions:</td> <td>Date:</td> </tr> </table>		CONSTRUCTION DRAWINGS	06/28/2022	Revisions:	Date:	CONSULTANT 	ARCHITECT/ENGINEER OF RECORD  110 Boggs Lane No 170 Springdale, OH 45246	STAMP  PATRICK R. QUINN REGISTERED ARCHITECT 1618637	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	Project Number 538-20-201 Building Number 9 Drawing Number AE-201		
CONSTRUCTION DRAWINGS	06/28/2022														
Revisions:	Date:														
<table border="1"> <tr> <td>Issue Date</td> <td>3/30/2022</td> <td>Checked</td> <td>PQ</td> <td>Drawn</td> <td>NM</td> </tr> </table>		Issue Date	3/30/2022	Checked	PQ	Drawn	NM								
Issue Date	3/30/2022	Checked	PQ	Drawn	NM										

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

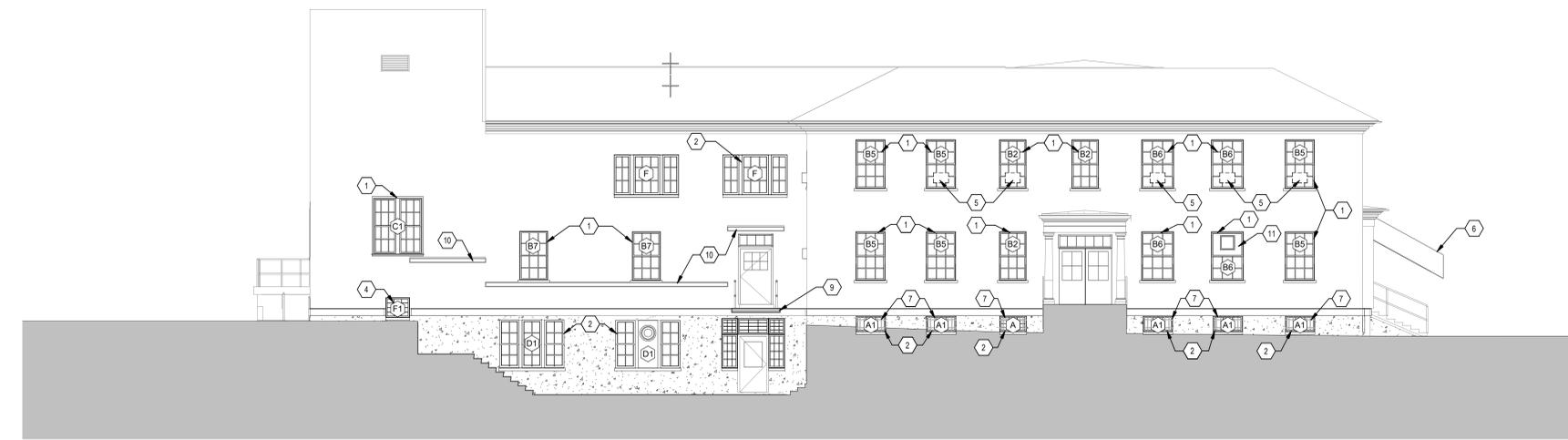
- 1 ALUMINUM DOUBLE HUNG WINDOW - REFER TO DETAILS ON AE-701 FOR MORE INFORMATION.
- 2 ALUMINUM WINDOW. REFER TO DETAILS ON 9-AE701 FOR MORE INFORMATION.
- 3 9'-2" X 16'-0" FABRIC AWNING ON ALUMINUM FRAME - SUPPORT AT EXISTING BRICK WALL AND CONCRETE SIDEWALK PER MANUFACTURER'S RECOMMENDATIONS.
- 4 ALUMINUM 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"



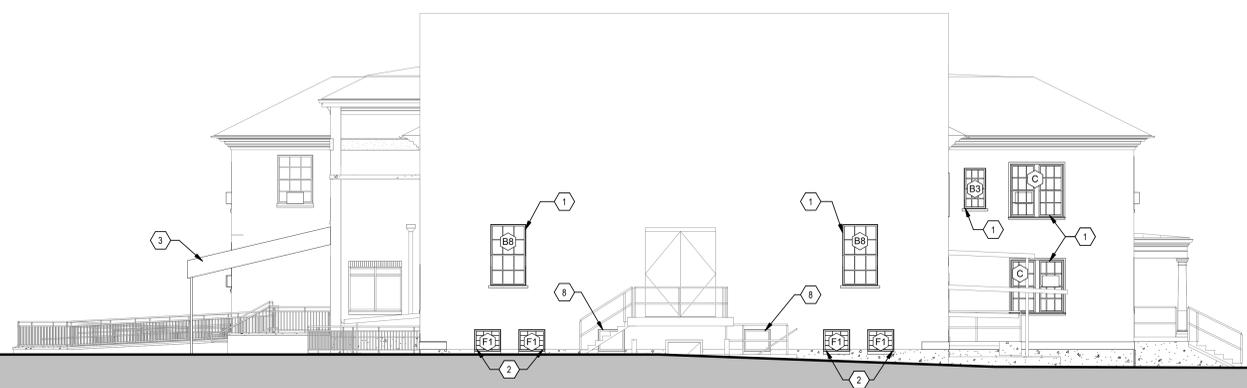
2 EXTERIOR ELEVATION - SOUTH
1/8" = 1'-0"

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"

C:\Users\jram\OneDrive\Documents\Chillicothe Building 9_2021_mek.mxd.rvt 6/26/2022 5:28:44 PM

CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE

110 Boggs Lane | No 170
Springdale, OH 45246



STATION
538

VA 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

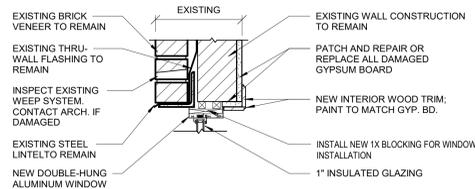
Checked
PQ

Drawn
NM

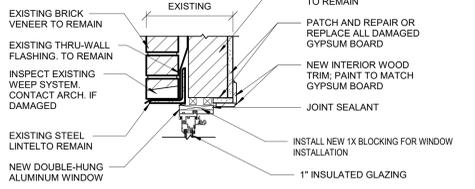
Project Number
538-20-201

Building Number
9

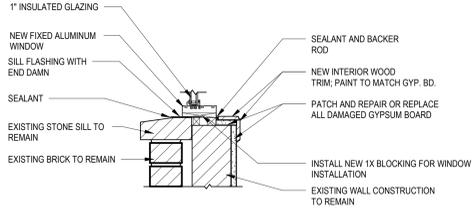
Drawing Number
AE-202



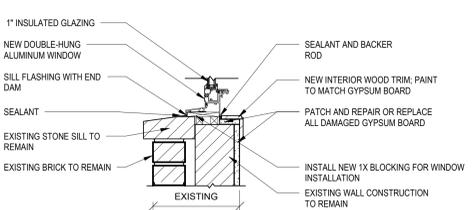
A1 FIXED - HEAD DETAIL
1 1/2" = 1'-0"



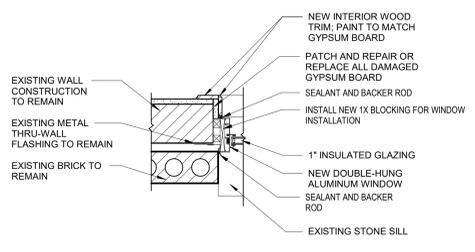
A3 DOUBLE HUNG - HEAD DETAIL
1 1/2" = 1'-0"



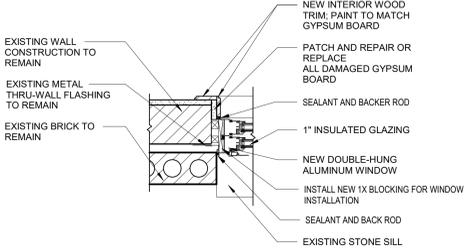
B1 FIXED - SILL DETAIL
1 1/2" = 1'-0"



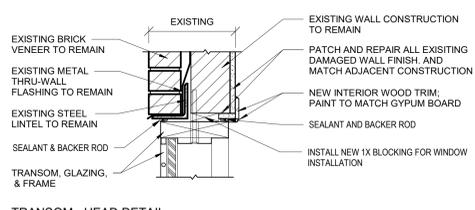
B3 DOUBLE HUNG - SILL DETAIL
1 1/2" = 1'-0"



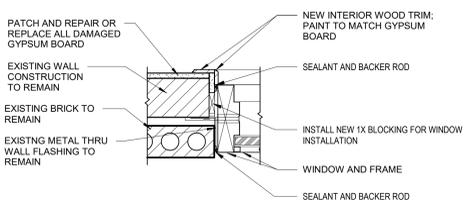
D1 FIXED - JAMB DETAIL
1 1/2" = 1'-0"



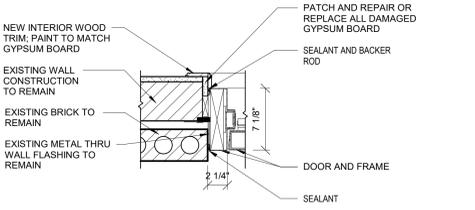
D3 DOUBLE HUNG - JAMB DETAIL
1 1/2" = 1'-0"



E1 TRANSOM - HEAD DETAIL
1 1/2" = 1'-0"



E3 TRANSOM - JAMB DETAIL
1 1/2" = 1'-0"



F3 DOOR - JAMB DETAIL
1 1/2" = 1'-0"

DOOR SCHEDULE - LEVEL 1

DOOR #	BETWEEN RM	RM	QUANTITY	DOOR MATERIAL	WIDTH	HEIGHT	FRAME MATERIAL	HARDWARE SET
101E	102	101	2	SCW	3'-0"	7'-0"	WD	HW-5
103B	103B	103A	1	SCW	1'-8"	7'-0"	HM	HW-5
104	104	101B	1	SCW	2'-8"	7'-0"	HM	HW-5
105B	105B	105	1	SCW	3'-0"	7'-0"	WD	HW-1
105D	105	105A	1	SCW	3'-0"	7'-0"	WD	HW-1
106	105	106	2	SCW	3'-0"	7'-0"	WD	HW-1F
107	107	106	1	SCW	3'-0"	7'-0"	WD	HW-5
109	109	S2-1	1	SCW	3'-0"	7'-0"	HM	HW-5
110	S2-1	110	1	SCW	3'-0"	7'-0"	HM	HW-1F
111	4M	111	1	SCW	3'-0"	7'-0"	HM	HW-1F
112	4M	112	1	SCW	3'-0"	7'-0"	HM	HW-1F
113	4M	113	1	SCW	3'-0"	7'-0"	HM	HW-1F
114	4M	114	1	SCW	3'-0"	7'-0"	HM	HW-1

DOOR SCHEDULE - LEVEL 2

DOOR #	BETWEEN RM	RM	QUANTITY	DOOR MATERIAL	WIDTH	HEIGHT	FRAME MATERIAL	HARDWARE SET
200	200	218	1	SCW	2'-6"	7'-0"	HM	HW-5
201	202	201	1	SCW	2'-6"	7'-0"	HM	HW-1F
202	218	202	1	SCW	2'-6"	7'-0"	HM	HW-1F
203A	218	203	1	SCW	2'-8"	7'-0"	HM	HW-1F
204A	218	204	1	SCW	2'-8"	7'-0"	HM	HW-1F
205A	218	205	1	SCW	2'-6"	7'-0"	HM	HW-1F
206A	218	206	1	SCW	2'-4"	7'-0"	HM	HW-1F
207	218	207	1	SCW	3'-0"	7'-0"	HM	HW-1F
208A	208	218	1	SCW	3'-0"	7'-0"	HM	HW-1
208D			1	SCW	3'-6"	7'-0"	HM	HW-1
210	210		1	SCW	3'-0"	7'-0"	HM	HW-5
213		213	1	SCW	3'-0"	7'-0"	HM	HW-1F
214	213	214	1	SCW	3'-0"	7'-0"	HM	HW-1F
215		215	1	SCW	3'-0"	7'-0"	HM	HW-5
STC	218	S2-3	1	SCW	3'-6"	7'-0"	HM	HW-1

DOOR & HARDWARE GENERAL NOTES

- EXISTING DOOR AND HINGES TO REMAIN. HARDWARE SHALL BE REPLACED PER HARDWARE SET SPECIFIED. SEE SPECIFICATION 08 71 00 DOOR HARDWARE.
- CONTRACTOR SHALL REUSE ALL EXISTING LFC WITH LOCKSET REPLACEMENT.

DOOR SCHEDULE ABBREVIATIONS:

AL = ALUMINUM	PF = PRE-FINISHED
EX = EXISTING	PL = PLASTIC LAMINATE
F = FLUSH	PT = PAINT
FG = FULL GLASS	ST = STAINED
HG = HALF GLASS	SS = STAINLESS STEEL
HM = HOLLOW METAL	VG = VISION GLASS
OH = OVERHEAD COILING DOOR	WD = WOOD, SOLID CORE

WINDOW SCHEDULE - BASEMENT

Type Mark	Description	Width	Height	Head Detail	Sill Detail	Jamb Detail	Glazing Type
A	HOPPER	3'-4"	2'-0"	A1/AE701	B1/AE701	D1/AE701	G1
A1	HOPPER	3'-8"	2'-0"	A1/AE701	B1/AE701	D1/AE701	G1
D1*	DOUBLE HUNG, TRIPLE	8'-0"	6'-0"	A1/AE701	B1/AE701	D1/AE701	G1
F1	FIXED - BASEMENT	3'-0"	2'-6"	A1/AE701	B1/AE701	D1/AE701	G1
F2	FIXED - LOUVER	3'-4"	2'-0"	A1/AE701	B1/AE701	D1/AE701	G1

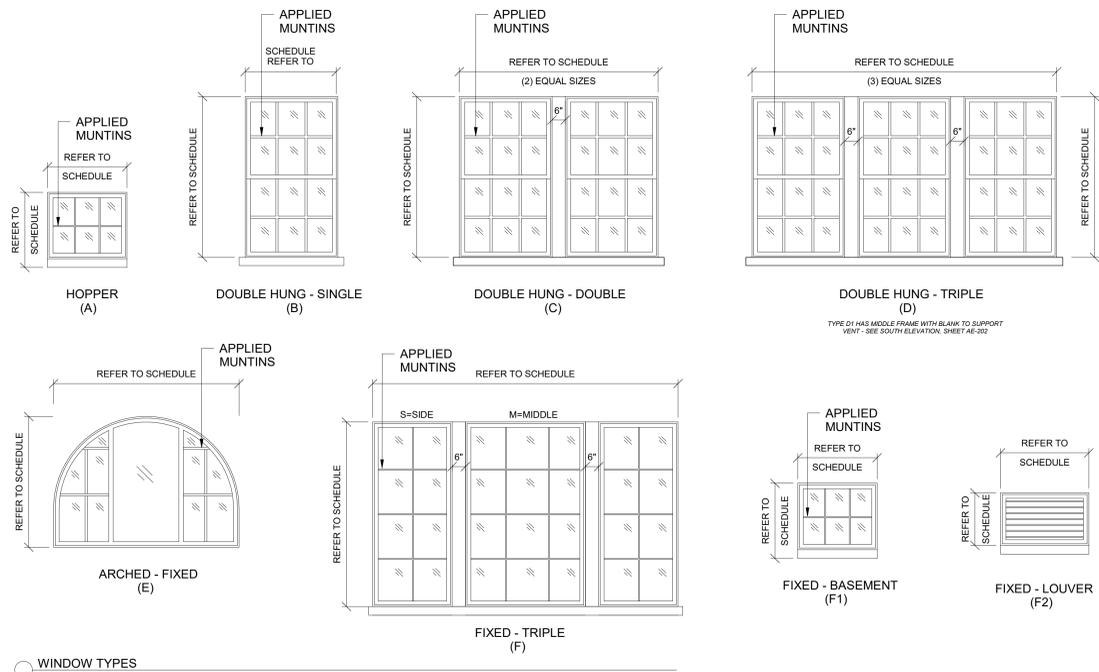
WINDOW SCHEDULE - LEVEL 1

Type Mark	Description	Width	Height	Head Detail	Sill Detail	Jamb Detail	Glazing Type
B	DOUBLE HUNG	4'-4"	6'-1 1/2"	A3/AE701	B3/AE701	D3/AE701	G1
B1	DOUBLE HUNG	3'-0"	5'-4"	A3/AE701	B3/AE701	D3/AE701	G1
B2	DOUBLE HUNG	3'-4"	6'-1 1/2"	A3/AE701	B3/AE701	D3/AE701	G1
B4	DOUBLE HUNG	3'-0"	6'-1 1/2"	A3/AE701	B3/AE701	D3/AE701	G1
B5	DOUBLE HUNG	3'-8"	6'-1 1/2"	A3/AE701	B3/AE701	D3/AE701	G1
B6	DOUBLE HUNG	4'-0"	6'-1 1/2"	A3/AE701	B3/AE701	D3/AE701	G1
B7	DOUBLE HUNG	3'-6"	6'-1 1/2"	A3/AE701	B3/AE701	D3/AE701	G1
B8	DOUBLE HUNG	4'-0"	7'-0"	A3/AE701	B3/AE701	D3/AE701	G1
C	DOUBLE HUNG, DOUBLE	6'-0"	6'-1"	A3/AE701	B3/AE701	D3/AE701	G1
C1	DOUBLE HUNG, DOUBLE	6'-0"	7'-0"	A3/AE701	B3/AE701	D3/AE701	G1

WINDOW SCHEDULE - LEVEL 2

Type Mark	Description	Width	Height	Head Detail	Sill Detail	Jamb Detail	Glazing Type
B1	DOUBLE HUNG	3'-0"	5'-4"	A3/AE701	B3/AE701	D3/AE701	G1
B2	DOUBLE HUNG	3'-4"	6'-1 1/2"	A3/AE701	B3/AE701	D3/AE701	G1
B3	DOUBLE HUNG	2'-5 1/2"	4'-7 1/2"	A3/AE701	B3/AE701	D3/AE701	G1
B4	DOUBLE HUNG	3'-0"	6'-1 1/2"	A3/AE701	B3/AE701	D3/AE701	G1
B5	DOUBLE HUNG	3'-8"	6'-1 1/2"	A3/AE701	B3/AE701	D3/AE701	G1
B6	DOUBLE HUNG	4'-0"	6'-1 1/2"	A3/AE701	B3/AE701	D3/AE701	G1
C	DOUBLE HUNG, DOUBLE	6'-0"	6'-1"	A3/AE701	B3/AE701	D3/AE701	G1
E	FIXED - ARCHED	7'-0"	4'-11"	A1/AE701	B1/AE701	D1/AE701	G1
F	FIXED - TRIPLE	6'-0"	5'-0"	A1/AE701	B1/AE701	D1/AE701	G1

- NOTES:**
- ALL WINDOW DIMENSIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY EXISTING OPENING DIMENSIONS PRIOR TO FABRICATION AND CONSTRUCTION OF NEW WINDOWS.
 - ALL WINDOWS ARE TO BE ONE INCH INSULATED, LAMINATED GLAZING WITH BEAD OF STRUCTURAL SILICONE ADHESIVE ATTACHED TO INNER LITE AND FRAME PER PSRDM 3.1.22.



WINDOW TYPES
3/8" = 1'-0"

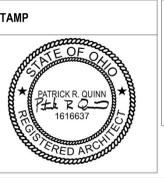
6/26/2022 5:28:48 PM C:\Users\mlem\OneDrive\Documents\Chillicothe Building 9_2021_memo.mxd:nt

Revisions:	Date:
CONSTRUCTION DRAWINGS	06/28/2022

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

110 Boggs Lane | No 170
Springdale, OH 45246



STATION
538

U.S. Department of Veterans Affairs

Drawing Title
DOOR SCHEDULES, WINDOW SCHEDULES, AND DETAILS

Approved: Ryan Jeter

Phase
CONSTRUCTION DOCUMENTS

Project Title
RENOVATE THERAPEUTIC POOL & RECREATION HALL

Project Number
538-20-201

Building Number
9

Location
CHILICOTHE, OHIO

Issue Date
3/30/2022

Checked
PQ

Drawn
NM

Drawing Number
AE-701

GENERAL PLUMBING SYMBOLS

Table of general plumbing symbols including: DIRECTION OF PIPE PITCH (DOWN), DIRECTION OF FLOW, ANCHOR, REDUCER OR INCREASER, ECCENTRIC REDUCER, TOP CONNECTION, 45° OR 90°, BOTTOM CONNECTION, 45° OR 90°, SIDE CONNECTION, RISE OR DROP IN PIPE, CAPPED OUTLET, UNION, PIPE UP, PIPE DOWN, POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK, LIMIT OF DEMOLITION, INVERTED BUCKET TRAP SET INCLUDING PIPING ACCESSORIES, FLOAT & THERMOSTATIC TRAP SET INCLUDING PIPING ACCESSORIES, STRAINER, THERMOMETER, PRESSURE GAGE, FLOW ELEMENT, CLEAN OUT, HOSE BIB, PIPING CONTINUATION, PIPING PENETRATION THROUGH FLOOR/ROOF, MEDICAL AIR OUTLET, OXYGEN OUTLET, MEDICAL VACUUM OUTLET.

PLUMBING VALVE SYMBOLS

Table of plumbing valve symbols including: GATE VALVE, CIRCUIT SETTER, GLOBE VALVE, GATE VALVE WITH 3/4" HOSE ADAPTER, CHECK VALVE, ANGLE GLOBE VALVE, BUTTERFLY VALVE, BALL VALVE, MODULATING CONTROL VALVE, TWO POSITION CONTROL VALVE, THREE-WAY MODULATING CONTROL VALVE, THREE-WAY TWO POSITION CONTROL VALVE, PRESSURE REGULATING VALVE, AUTOMATIC FLOW CONTROL VALVE, PRESSURE RELIEF VALVE, PRESSURE SAFETY VALVE, MANUAL AIR VENT, TEST PLUG (PRESSURE/TEMPERATURE), AUTOMATIC AIR VENT.

DRAWING SYMBOLS

Table of drawing symbols including: DETAIL NUMBER (2), DRAWING NUMBER WHERE DRAWN (PL101), SECTION LETTER (A), DRAWING NUMBER WHERE SHOWN (PL105), BUILDING NO. WHERE EQUIPMENT IS LOCATED (26), EQUIPMENT ABBREVIATION (PUMP), PUMP NO. 3 IN BUILDING NO. 26 (P-3), TYPICAL UNIT NO. (4), REVISION NUMBER (4).

PIPING SYMBOLS

Table of piping symbols including: NEW PIPING, EXISTING PIPING, PIPING TO BE REMOVED, ACID FEED (AF), CHLORINE FEED (CF), CHEMICAL SAMPLING (CS), DOMESTIC COLD WATER (DCW), DOMESTIC HOT WATER (DHW), DOMESTIC HOT WATER RETURN (DHW R), POOL GUTTER DRAIN (GD), POOL MAKE UP WATER (MU), NATURAL GAS (NG), PUMPED DISCHARGE (PD), POOL VACUUM (PV), POOL WATER (PW), SANITARY SEWER (SAN), SANITARY SEWER, BELOW GRADE (UG SAN), STORM WATER (SW), STORM WATER, BELOW GRADE (UG SW), VENT (V).

PLUMBING ABBREVIATIONS

Large table of plumbing abbreviations including: ARCHITECT / ENGINEER (A/E), AREA DRAIN ACCESS DOOR (AD), ABOVE FINISHED FLOOR (AFF), ABOVE FINISHED GRADE (AFG), AIR GAP (AG), ACCESS PANEL (AP), AUTOMATIC SPRINKLER/AIR SEPARATOR (AS), ADJUSTABLE SPEED DRIVE/AUTOMATIC SPRINKLER MAIN (ASD), AMERICAN SOCIETY OF HEATING REFRIGERATION AIR CONDITIONING ENGINEERS (ASHRAE), AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME), AMERICAN SOCIETY OF PLUMBING ENGINEERS (ASPE), AUTOMATIC SPRINKLER RISER (ASR), ACID VENT (AV), ACID WASTE (AW), AXIAL FLOW (AF), BACKFLOW PREVENTER (BFP), BRAKE HORSEPOWER (BHP), BEDPAN WASHER (BPW), BLACK STEEL PIPE (BSP), BATHTUB (BT), BRITISH THERMAL UNIT (BTU), BRITISH THERMAL UNIT PER HOUR (BTUH), CENTIGRADE (CELSIUS) (C), COMPRESSED AIR (CA), COMPRESSED GAS ASSOCIATION (CGA), CUBIC FEET PER HOUR (CFH), CUBIC FEET PER MINUTE (CFM), CUBIC FEET (CFT), CHILLED WATER PUMP (CHP), CHILLER WATER (CHW), CHILLED WATER RETURN (CHR), CHILLED WATER SUPPLY (CHS), CAST IRON (CI), COUNTER MOUNTED/CUBIC METER (CM), CLEAN OUT (CO), CARBON DIOXIDE (CO2), COMPARTMENT (COMP), CHEMICAL SAMPLING (CS), CONSTANT VOLUME CONTROL VALVE (CV), DRAIN (D), DOMESTIC COLD WATER (DCW), DESIGN DEVELOPMENT (SUBMISSION 1) (DD-1), DESIGN DEVELOPMENT (SUBMISSION 2) (DD-2), DIRECT DIGITAL CONTROLS (DDC), DRAINAGE FIXTURE UNITS (DFU), DOMESTIC HOT WATER (DHW), DOMESTIC HOT WATER RETURN (DHW R), DEIONIZED WATER (DI), DIAMETERS (DA), DOWN (DN), DEPARTMENT OF ENERGY (DOE), DOWNSPOUT (DS), DISHWASHER (DW), DRAWING (DWG), DOMESTIC WATER HEATER (DWH), DIALYSIS WATER SUPPLY (DWS), DRAIN WASTE VENT (DWV), ELEVATION (EL), ENVIRONMENTAL PROTECTION AGENCY (EPA), ENERGY POLICY ACT (EPACT), ESCUTCHEON (ESC), EMERGENCY SHOWER (ESH), EXPANSION TANK (ET), ELECTRIC WATER COOLER (EWC), ELECTRIC WATER HEATER (EWH), EYE WASH STATION (EWS), EYE WASH DRENCH SHOWER (EWS/SH), EXISTING TO REMAIN (E), FAHRENHEIT (F), FLOOR CLEANOUT (FCO), FLOOR DRAIN (FD), FIRE DEPARTMENT (HOSE) CONNECTION (FDC), FINISHED FLOOR (FF), FLOW METER/FLOOR MOUNTED (FM), FUEL OIL PUMP (FOP), FUEL OIL RETURN (FOR), FUEL OIL SUPPLY (FOS), FUEL OIL TANK (FOT), FUEL OIL VENT (FOV), FUEL OIL HEAT EXCHANGER (FOHK), FEET PER SECOND (FPS), FLOW SWITCH/FLOOR SINK (FS), FEET (FT), FEET OF WATER COLUMN (FTWC), FOOT-POUND (FT-LB), FIXTURE UNITS (FU), GALLON (GAL), GRADE CLEANOUT (GCO), GALLONS PER DAY (GPD), GALLONS PER HOUR (GPH), GALLONS PER MINUTE (GPM), GAS PRESSURE REGULATOR (GPR), GALVANIZED STEEL (GS), GREASE TRAP (GT), GAS VENT THROUGH ROOF (GVT/R), GAS FIRED WATER HEATER (GWH), HOT AND COLD WATER (H/CW), HOUSEKEEPING AID CLOSET (HAC), HOSE BIBB (HB), HUB DRAIN (HD), HORSEPOWER (HP), HIGH PRESSURE DRIP TRAP (HPDT), HIGH PRESSURE RETURN (STEAM CONDENSATE) (HPR), HIGH PRESSURE SUPPLY (STEAM) (HPS), HAND SINK (HS), HOT WATER STORAGE TANK (DOMESTIC) (HST), HOT WATER BOILER (HWB), HOT WATER CIRCULATING PUMP (HWCP), HOT WATER HEATING COIL (HWHC), HEATING HOT WATER PUMP (HWP), HEATING HOT WATER RETURN (HWR), HEATING HOT WATER SUPPLY (HWS), HEAT EXCHANGER (HX), HYDRANT (HYD), INVERTED BUCKET TRAP (IBT), INTENSIVE CARE UNIT (ICU), INSIDE DIAMETER (ID), INTERIOR ELEVATION (IE), INDUSTRIAL COLD WATER (ICW), INDUSTRIAL HOT WATER (IHW), INCHES (IN), INCHES OF MERCURY (IN HG), INCH WATER COLUMN (IN WC), INCH WATER GAUGE (IN WG), INCH-POUND (IN-LB), INVERT (INV), INTERNATIONAL PLUMBING CODE (IPC), IRRIGATION WATER (IRW), INDIRECT WASTE (IW), INSTANTANEOUS WATER HEATER (IWH), INDUSTRIAL WATER RETURN (IWR), INDUSTRIAL WATER SUPPLY (IWS), KILOGRAM (KG), KILOWATT (KW), KILOWATT HOUR (KWH), LITER (L), LITERS PER HOUR (OR LITERS/HOUR) (LH), LITERS PER MINUTE (OR LITERS/MINUTE) (LM), LITERS PER SECOND (OR LITERS/SECOND) (LS), LABORATORY AIR (LA), LABORATORY (LAV), POUNDS PER HOUR (LBSHR), LOCAL CONTROL PANEL (LCP), LABORATORY COLD WATER (LCW), LABORATORY HOT WATER (LHW), LINEAR FOOT (FEET) (LF), LIQUEFIED PETROLEUM GAS (LPG), LIQUID NATURAL GAS (LNG), LIQUID OXYGEN (LOX), LOW PRESSURE RETURN (STEAM CONDENSATE) (LPR), LOW PRESSURE RETURN (CLEAN) (LPRC), LIQUID TO LIQUID HEAT EXCHANGER (LHX), LOW PRESSURE STEAM (LPS), LOW PRESSURE STEAM (CLEAN) (LPSC), LABORATORY VACUUM (LV), LOW WATER (LW), METER (M), METERS PER SECOND (OR METERS/SECOND) (MS), MEDICAL AIR (MA), MANUAL AIR VENT (MAV), MAXIMUM (MAX), MEDICAL EQUIPMENT ROOM (MER), MANHOLE (MH), MOTOR HORSEPOWER (MHP), MINIMUM (MIN), MEMORANDUM OF UNDERSTANDING (MOU), MEDIUM PRESSURE RETURN (STEAM CONDENSATE) (MPR), MEDIUM PRESSURE STEAM (MPS), MOP SINK (MS), MEDICAL VACUUM (MV), NITROGEN (N2), NITROUS OXIDE (N2O), NOT APPLICABLE (NA), NORMALLY CLOSED (NC), NATURAL GAS (NG), NOT IN CONTRACT (NIC), NATURAL GAS FLOWMETER (NGFM), NORMALLY OPEN (NO), NOMINAL (NOM), NON-STANDARD PART LOAD VALUE (NPLV), NET POSITIVE SUCTION HEAD (NPSH), NET POSITIVE SUCTION HEAD AVAILABLE (NPSHA), NET POSITIVE SUCTION HEAD REQUIRED (NPSHR), NON POTABLE WATER (NPW), NOT TO SCALE (NTS), OXYGEN (O2), ON CENTER (OC), OUTSIDE DIAMETER (OD), OVERFLOW DRAIN (OFD), OPERATING ROOM (OR), OVERFLOW (OFL), PASCAL (PA), PUMPED CONDENSATE (PC), POUNDS PER CUBIC FOOT (FEET) (PCF), PRESSURE DROP (PD), PLUMBING AND DRAINAGE INSTITUTE (PDI), PRESSURE GAGE (PG), PARTS PER MILLION (PPM), PRESSURE REDUCING STATION (PRS), PRESSURE REDUCING VALVE (PRV), POUNDS PER SQUARE INCH (PSI), POUNDS PER SQUARE INCH - ABSOLUTE (PSIA), POUNDS PER SQUARE INCH - GAGE (PSIG), PRESSURE TEMPERATURE RELIEF VALVE (PTRV), POTABLE WATER (PW), RECIRCULATING PUMP (RCP), ROOF DRAIN (RD), ROOF DRAIN LEADER (RDL), ROOF LEADER (RL), REHEATING HOT WATER RETURN (RHR), RECIRCULATION PUMP (RCP), REVERSE OSMOSIS (RO), REVOLUTIONS PER MINUTE (RPM), ROOF TOP UNIT (RTU), RELIEF VALVE (RV), SANITARY SEWER (SAN), STANDARD CUBIC FEET PER MINUTE (SCFM), SOFTENED COLD WATER (SCW), SOFTENED HOT WATER (SHW), SMOKE DETECTOR (SD), STORM DRAIN MANHOLE (SDMH), SCHEMATIC DESIGN (SUBMISSION 1) (SD-1), SCHEMATIC DESIGN (SUBMISSION 2) (SD-2), SQUARE FOOT (FEET) (SF), SHOWER (SH), SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA), SANITARY MANHOLE (SMH), STORAGE TANK (SOT), SUMP PUMP/STATIC PRESSURE (SP), SPECIFIC GRAVITY (SGR), STEAM PRESSURE REDUCING VALVE (SPRV), STAINLESS STEEL (SS), STEAM TRAP (ST), SURGE TANK (SUT), STORM WATER (SW), SOFT WATER (SW), STEAM TO WATER HEAT EXCHANGER (SWHX), TEMPERATURE CONTROL VALVE (TCV), TRENCH DRAIN/TEMPERATURE DIFFERENCE (TD), TOTAL DYNAMIC HEAD (TDH), TOTAL DISSOLVED SOLIDS (TDS), TEMPERATURE (TEMP), THERMOSTATIC MIXING VALVE (TMV), TRAP PRIMER (TP), TOTAL STATIC PRESSURE (TSP), THERMOSTAT (TSTAT), TEMPERED WATER RETURN (TWR), TEMPERED WATER SUPPLY (TWS), TYPICAL (TYP), UNDERGROUND (UG), VENT (V), VACUUM (VAC), VACUUM BREAKER (VB), VACUUM CLEANER OUTLET (VCO), VARIABLE FREQUENCY DRIVE (VFD), VETERANS HEALTH ADMINISTRATION (VHA), VACUUM PUMP (VP), VENT STACK (VS), VARIABLE SPEED DRIVE (VSD), VENT THROUGH ROOF (VTR), WASTEWATERS (W), WATER CLOSET (WC), WALL CLEANOUT (WCO), WATER GAGE (WG), WALL HYDRANT/WATER HEATER (WH), WATER HAMMER ARRESTER (WHA), WATER LINE (WL), WATER METER/WALL MOUNTED (WML), WATER PRESSURE DROP (WPD), WASTE STACK (WS), WATER SUPPLY FIXTURE UNITS (WSFU), YARD CLEANOUT (YCO), YARD HYDRANT (YH), ZONE VALVE (ZV).

PLUMBING GENERAL NOTES

- A. THE FOLLOWING NOTES APPLY EQUALLY TO THE FULL SET OF PLUMBING DOCUMENTS.
B. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
C. REFER TO SCHEDULES, DETAILS, AND DIAGRAMS FOR PIPING, PIPE SIZES AND PIPELINE DEVICES NOT INDICATED ON FLOOR PLAN.
D. LOCATIONS AND SIZES OF EXISTING PIPING SHOWN ON THIS DRAWING HAVE BEEN DETERMINED FROM A REVIEW OF EXISTING DRAWINGS AND/OR SITE INVESTIGATION WHERE POSSIBLE. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE WORK SHOWN ON THE CONTRACT DRAWINGS WHICH MAY IMPACT THE PROGRESS OF WORK SHALL BE BROUGHT TO THE ATTENTION OF THE VA IN WRITING BEFORE PROCEEDING WITH THE WORK.
E. EACH CONTRACTOR SHALL COORDINATE THEIR WORK WITH THE WORK OF OTHERS.
F. ALL WORK SHALL BE IN COMPLIANCE WITH GOVERNING CODES AND VA STANDARDS.
G. PROVIDE ACCESS PANELS IN NON-ACCESSIBLE SUSPENDED CEILINGS FOR VALVES, CLEANOUTS, CONTROLS, ETC.
H. ALL PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES SHALL BE PROTECTED AND/OR FIRESTOPPED AS REQUIRED TO MAINTAIN FIRE RATINGS. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF FIRE-RATED ASSEMBLIES.
I. CONTRACTOR TO IMMEDIATELY INFORM THE COR IN THE EVENT THAT MATERIALS OBSERVED ARE SUSPECTED TO CONTAIN ASBESTOS.
J. PROVIDE OFFSETS AS NECESSARY TO COMPLETE SYSTEMS AND COORDINATE WORK WITH OTHER TRADES.

C:\Users\jpearson\Documents\Chillicothe Building 1 MEP (2021)_jpearson@fe-sen.com.rvt 6/28/2022 3:53:15 PM

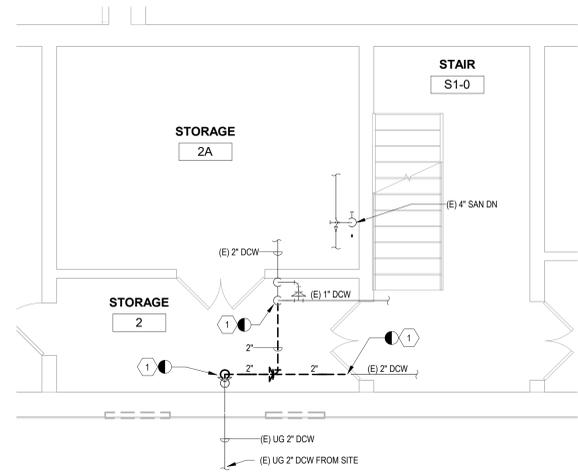
Project information block including: CONSULTANT, ARCHITECT/ENGINEER OF RECORD (FFFE), STAMP (STATE OF OHIO), Drawing Title (PLUMBING LEGEND SHEET), Station (538), Phase (CONSTRUCTION DOCUMENTS), Project Title (RENOVATE THERAPEUTIC POOL & RECREATION HALL), Project Number (538-20-201), Building Number (9), Location (CHILICOTHE, OHIO), Issue Date (6/28/2022), Checked (PDP), Drawn (GP), Drawing Number (P-001).

GENERAL NOTES:

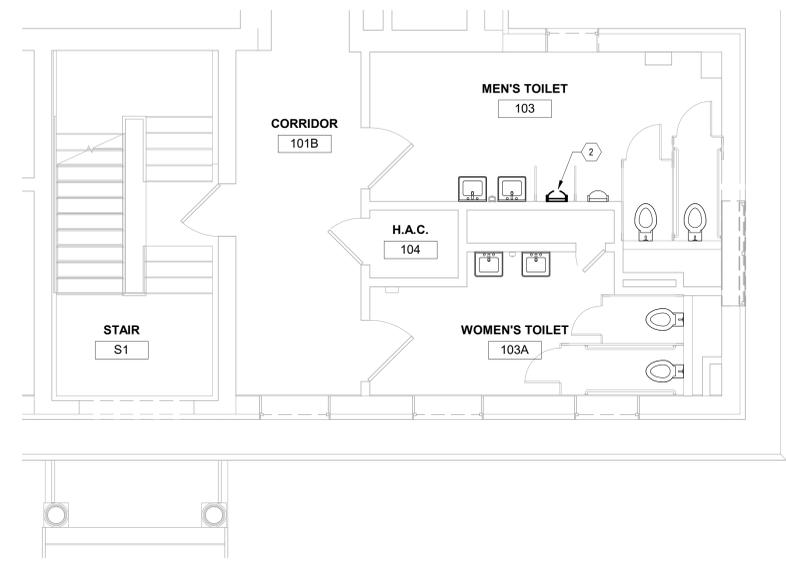
- A. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND SUBMIT ANY DISCREPANCIES THAT MAY IMPED THE PROGRESS OF WORK IN WRITING TO THE COR.
- B. REFER TO SHEET P-001 FOR LEGEND, ABBREVIATIONS, AND GENERAL PROJECT NOTES.

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.



1 PLUMBING BASEMENT DEMOLITION PLAN
1/4" = 1'-0"



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

6/28/2022 3:53:18 PM

C:\Users\jpearson\Documents\Chillicothe Building 1 MEP (2021)_jpearson@va.gov.com.rvt

F

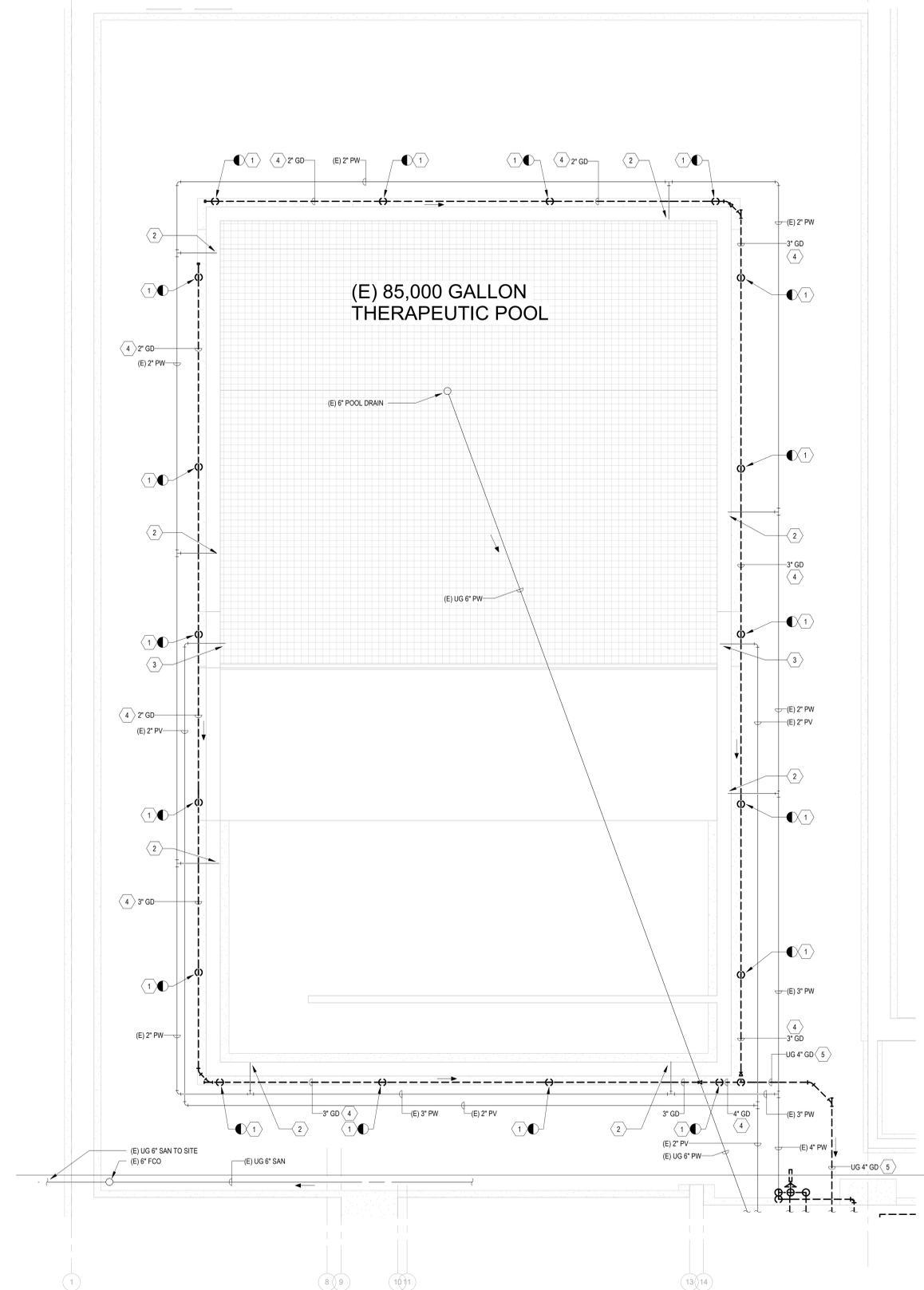
CONSTRUCTION DRAWINGS Revisions:	6/28/2022 Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD  110 Boggs Lane No 170 Springdale, OH 45246	STAMP 	STATION 538 	Drawing Title PLUMBING DEMOLITION PLAN - 9 Approved: Ryan Jeter	Phase CONSTRUCTION DOCUMENTS	Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL	Project Number 538-20-201 Building Number 9	Location CHILLICOTHE, OHIO	Drawing Number PD-101
	Issue Date 6/28/2022	Checked PDP	Drawn GP								

GENERAL NOTES:

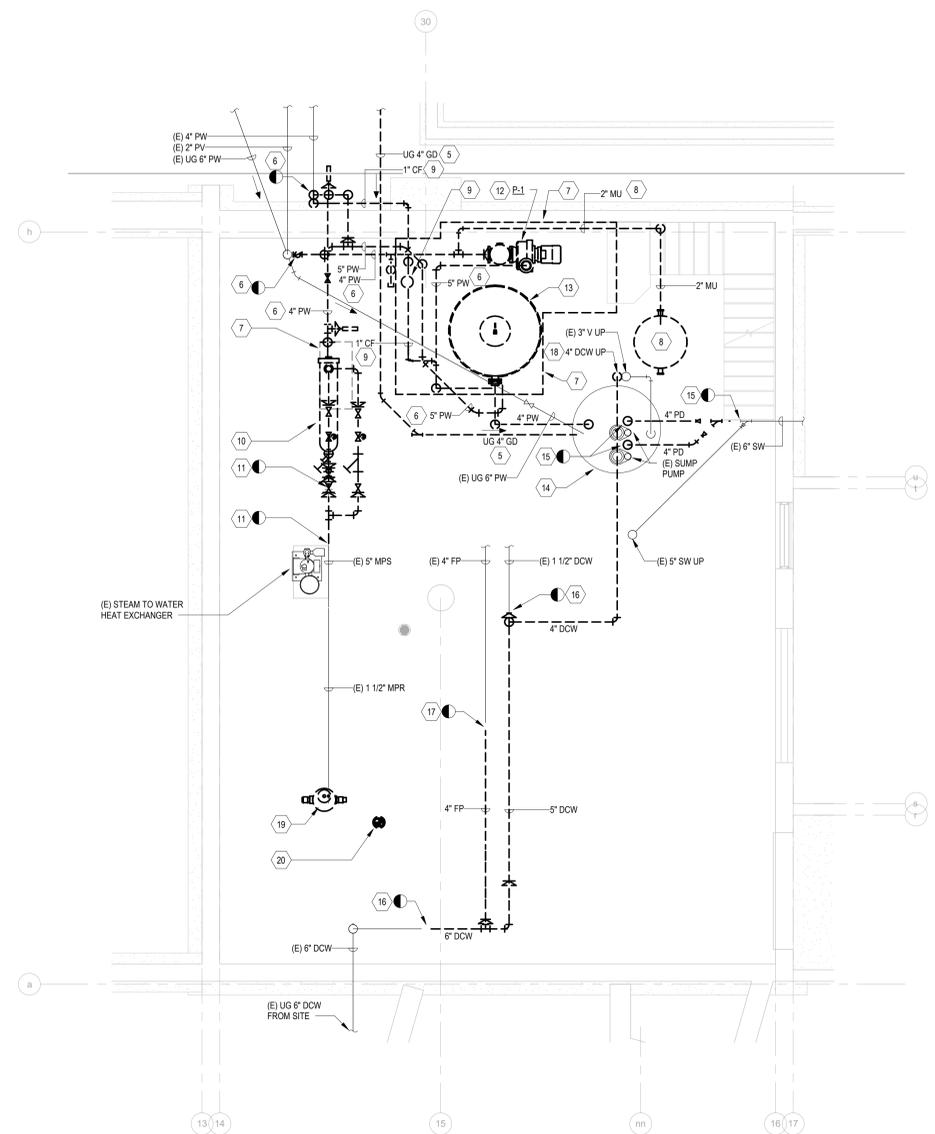
- A. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND SUBMIT ANY DISCREPANCIES THAT MAY IMPED THE PROGRESS OF WORK IN WRITING TO THE COR.
- B. REFER TO SHEET P-001 FOR LEGEND, ABBREVIATIONS, AND GENERAL PROJECT NOTES.
- C. REFER TO SHEET PL-S01 FOR POOL EQUIPMENT FLOW DIAGRAM.
- D. A POOL SPECIALIST 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.



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



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

C:\Users\jpearson\Documents\Chillicothe Building 247_MEP_2021\j.pearson@va.gov.com.plt 6/28/2022 4:01:07 PM

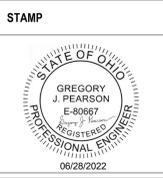
CONSTRUCTION DRAWINGS	6/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFFE

110 Boggs Lane | No 170
Springdale, OH 45246



STATION
538

VA 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
CHILICOTHE, OHIO

Project Number
538-20-201

Building Number
247

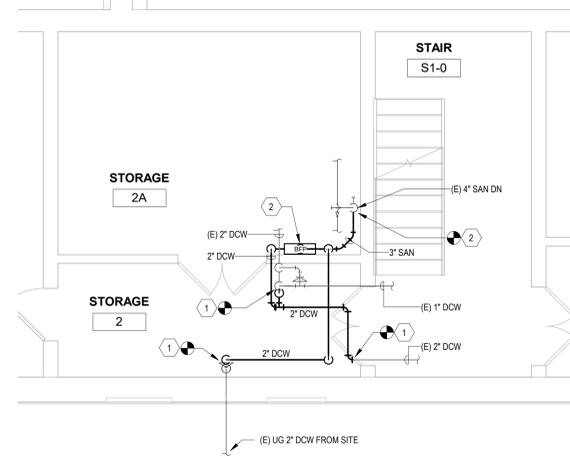
Drawing Number
PD-102

GENERAL NOTES:

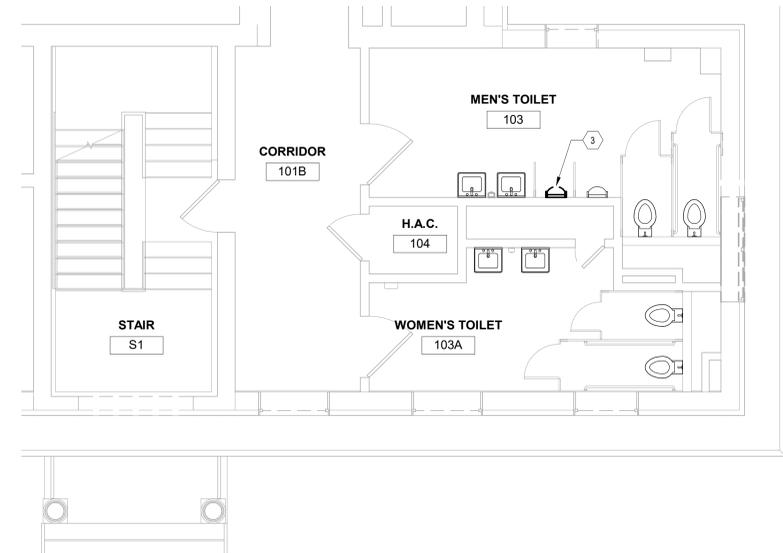
- A. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND SUBMIT ANY DISCREPANCIES THAT MAY IMPEDE THE PROGRESS OF WORK IN WRITING TO THE COR.
- B. REFER TO SHEET P-001 FOR LEGEND, ABBREVIATIONS, AND GENERAL PROJECT NOTES.

DRAWING NOTES:

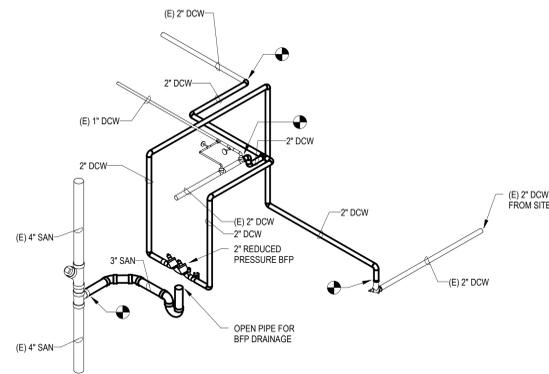
- 1. CONNECT DCW PIPING TO EXISTING AT POINT SHOWN.
- 2. INSTALL 2" REDUCED PRESSURE BACKFLOW PREVENTER. CONNECT DRAIN TO EXISTING SANITARY PIPE STUB AT POINT SHOWN.
- 3. RE-USE EXISTING URINAL AND MOUNT AT ADA HEIGHT. RECONFIGURE ASSOCIATED PIPING AS NECESSARY.



2 PLUMBING BASEMENT NEW WORK PLAN
1/4" = 1'-0"



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



3 PLUMBING ISOMETRIC

6/28/2022 3:52:21 PM

C:\Users\jpearson\Documents\Chillicothe Building 5 MEP (2021)_jpearson\538-20-01.dwg

CONSTRUCTION DRAWINGS	6/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE

110 Boggs Lane | No 170
Springdale, OH 45246

STAMP

STATE OF OHIO

GREGORY J. PEARSON
E-80867
REGISTERED PROFESSIONAL ENGINEER

06/28/2022

STATION
538

VA U.S. Department of Veterans Affairs

Drawing Title
PLUMBING NEW WORK 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

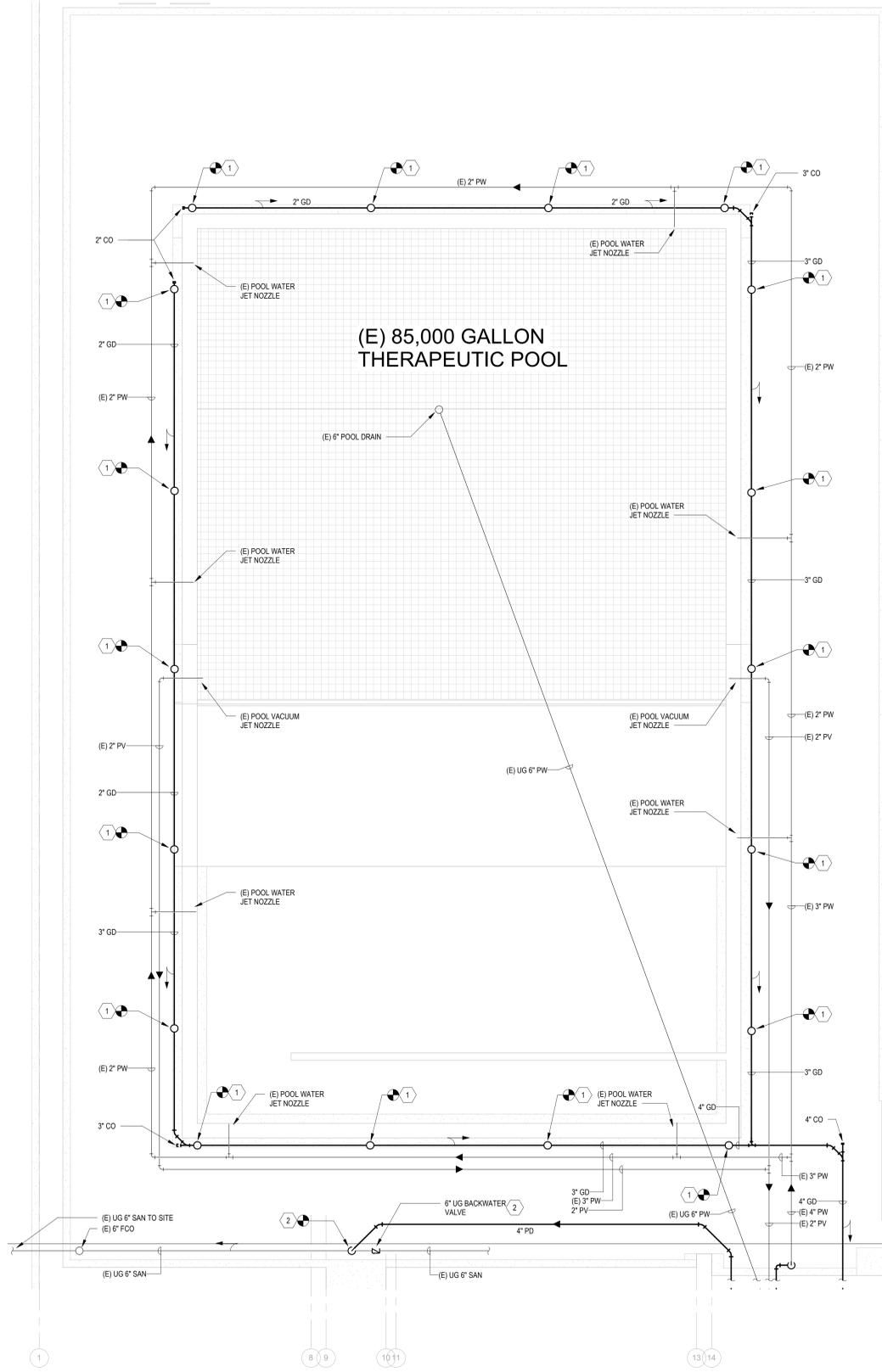
Drawing Number
PL-101

GENERAL NOTES:

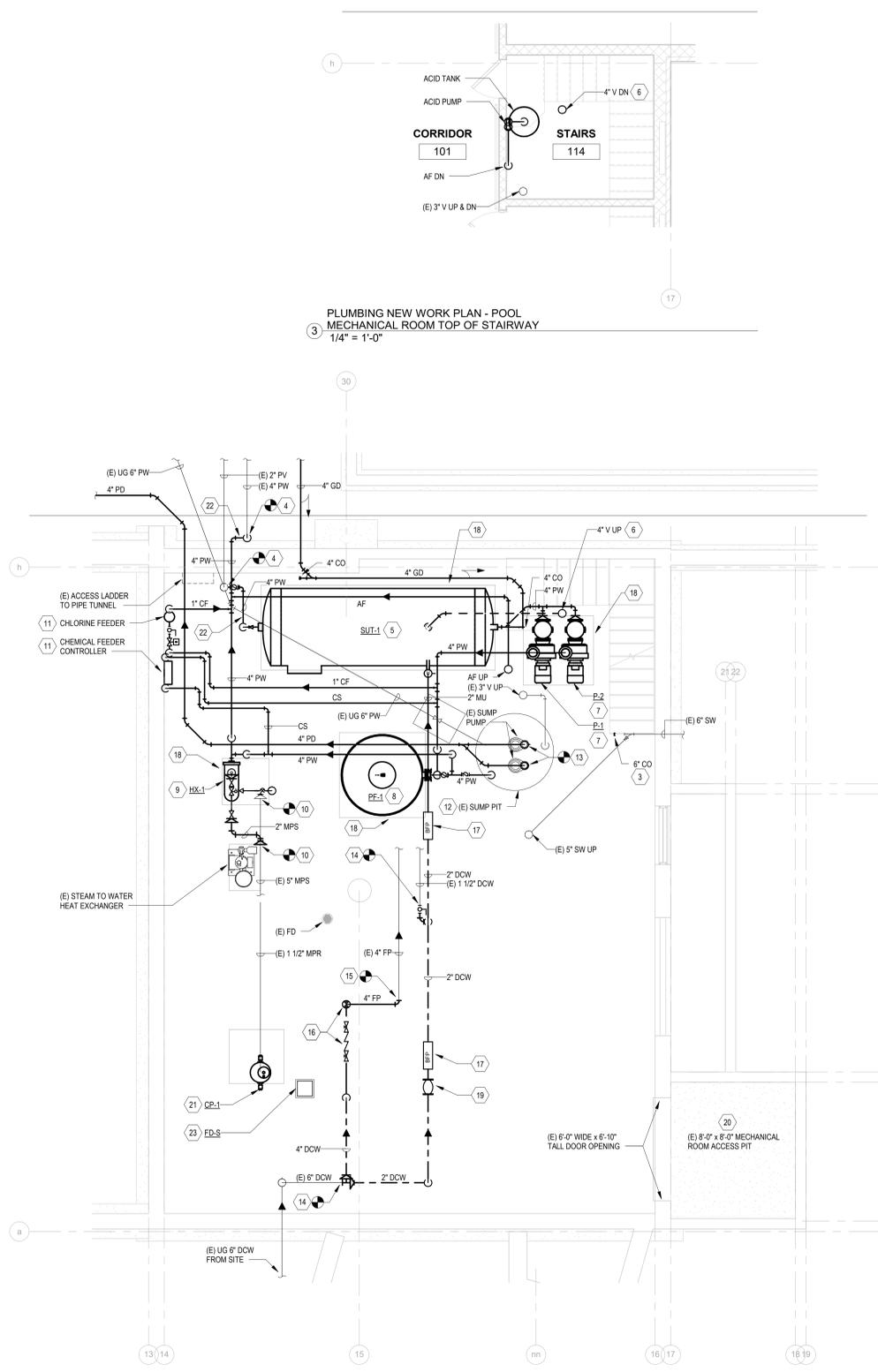
- A. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND SUBMIT ANY DISCREPANCIES THAT MAY IMPED THE PROGRESS OF WORK IN WRITING TO THE COR.
- B. REFER TO SHEET P-001 FOR LEGEND, ABBREVIATIONS, AND GENERAL PROJECT NOTES.
- C. REFER TO SHEET PL-501 FOR POOL EQUIPMENT FLOW DIAGRAM.
- D. A POOL SPECIALIST 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 TO 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.



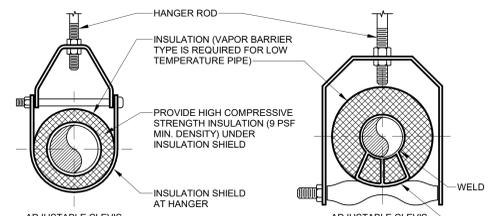
PLUMBING NEW WORK PLAN - POOL AREA
1/4" = 1'-0"



PLUMBING NEW WORK PLAN - POOL MECHANICAL ROOM
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
		110 Boggs Lane No 170 Springdale, OH 45246		GREGORY J. PEARSON E-80667 PROFESSIONAL ENGINEER 06/28/2022	VA U.S. Department of Veterans Affairs	Approved: Ryan Jeter		Location CHILlicothe, OHIO	Building Number 247
CONSTRUCTION DRAWINGS Revisions:		6/28/2022 Date:						Issue Date 6/28/2022	Checked PP
								Drawn GP	Drawing Number PL-102

9/22/2022 2:30:13 PM
 C:\Users\jg\Documents\Chillicothe Building 247 MEP (2021) Lgmg.pearson@the-sen.com



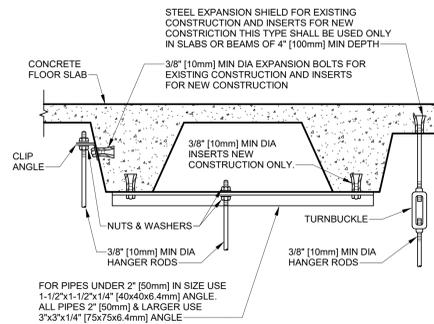
NOTES:
SEE SPECIFIER FOR DETAILED HANGER REQUIREMENTS

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

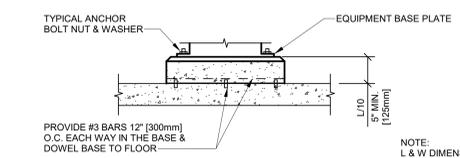
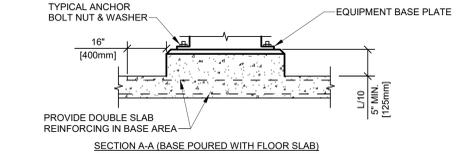
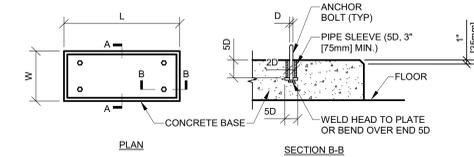
NOM. SIZE		MAXIMUM PIPE/TUBING SUPPORT SPACING																																	
		1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
PIPE		2100	2100	2100	2700	3000	3400	3700	4100	4900	5800	6700	7600	8200	8500	9100	9600	2100	2100	2100	2700	3000	3400	3700	4100	4900	5800	6700	7600	8200	8500	9100	9600		
TUBING		5 FT	6	7	8	8	9	10	12	13	14	16	-	-	-	-	-	5 FT	6	7	8	8	9	10	12	13	14	16	-	-	-	-	-		
IN. (mm)		7	7	9	10	11	12	14	16	17	19	22	23	25	27	28	30	32	7	7	9	10	11	12	14	16	17	19	22	23	25	27	28	30	32
FT. (mm)		1500	1800	1800	2100	2400	2400	2700	3000	3300	3700	4000	4100	4900	5800	6700	7600	1500	1800	1800	2100	2400	2400	2700	3000	3300	3700	4000	4100	4900	5800	6700	7600		

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

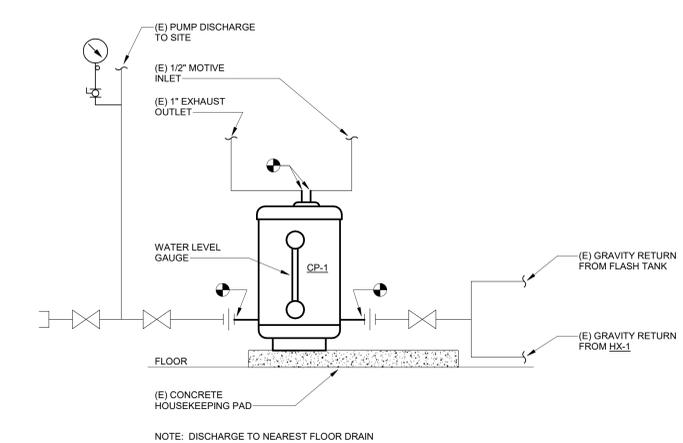
1 PIPE HANGERS
NTS



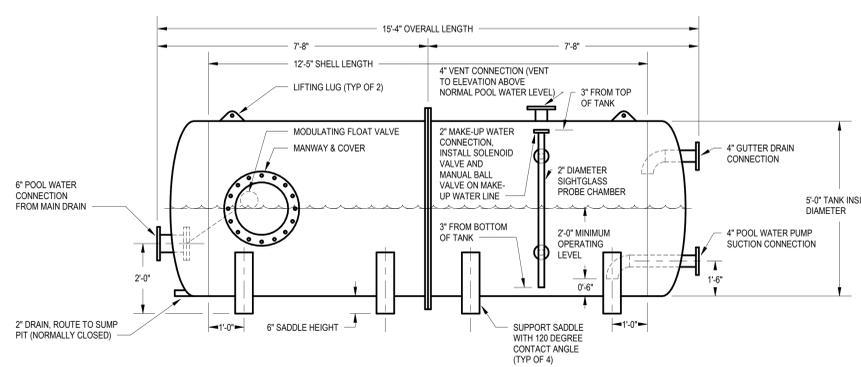
2 SECURING HANGER RODS IN CONCRETE
NTS



3 CONCRETE EQUIPMENT BASES
NTS



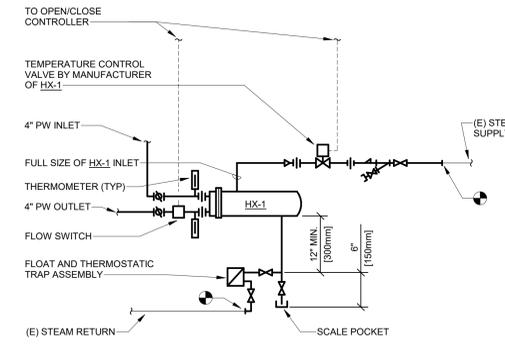
4 CONDENSATE PUMP (CP-1) - PIPING CONNECTIONS
NTS



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\"/>

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

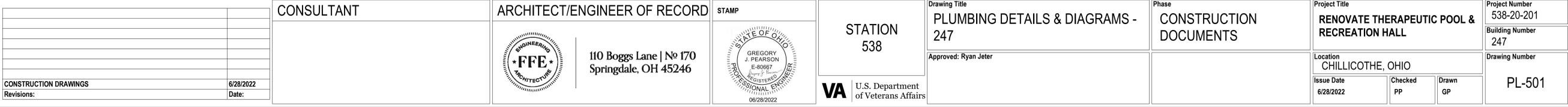
SEQUENCE OF OPERATION FOR POOL CIRCULATING PUMPS (P-1 & P-2)

- 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	STAMP	Drawing Title	Phase	Project Title	Project Number
	110 Boggs Lane No 170 Springdale, OH 45246	GREGORY J. PEARSON E-80867 REGISTERED PROFESSIONAL ENGINEER 06/28/2022	PLUMBING DETAILS & DIAGRAMS - 247	CONSTRUCTION DOCUMENTS	RENOVATE THERAPEUTIC POOL & RECREATION HALL	538-20-201
			Approved: Ryan Jeter		Location: CHILlicothe, OHIO	Building Number: 247
					Issue Date: 6/28/2022	Drawing Number: PL-501
					Checked: PP	Drawn: GP

C:\Users\jg\Documents\Chillicothe Building 247 MEP 2021\1_piping_pearson@fs-sen.com.rvt 6/28/2022 4:01:13 PM

PLUMBING PUMP SCHEDULE																		
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	TYPE	CIRCULATING FLUID						ELECTRICAL MOTOR					REMARKS		
					FLUID	FLOW		HEAD		TEMPERATURE		NOMINAL POWER		PHASE	VOLT		MAX RPM	SPEED CONTROL
						GPM	[L/s]	FT	[kPa]	°F	[°C]	HP	[kW]					
P-1	POOL MECHANICAL ROOM	BUILDING 247	POOL WATER	CENTRIFUGAL	POOL WATER	250	[16]	95	[1500]	90	[32]	10	[8]	3	208	3450	CONSTANT	1, 3
P-2	POOL MECHANICAL ROOM	BUILDING 247	POOL WATER	CENTRIFUGAL	POOL WATER	250	[16]	95	[1500]	90	[32]	10	[8]	3	208	3450	CONSTANT	2, 3

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 SHUT OFF IN POOL AREA. REFER TO SEQUENCE OF OPERATIONS AND POOL FLOW DIAGRAM ON SHEET PL-501.

STEAM TO WATER HEAT EXCHANGER SCHEDULE																					
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	TYPE	WATER CONDITIONS						STEAM PRESSURE				CONTROL VALVE		TRAP		REMARKS		
					FLOW		EWT		LWT		WPD		ENT CONTROL VALVE		ENT HEAT EXCHANGER		CAPACITY				
					GPM	[L/s]	°F	[°C]	°F	[°C]	FT	[kPa]	PSIG	[kPa]	PSIG	[kPa]	LB/HR	[KG/HR]		LB/HR	[KG/HR]
HX-1	POOL MECHANICAL ROOM	BUILDING 247 POOL	POOL WATER	DOUBLE WALL, SEMI INSTANTANEOUS, SHELL & TUBE	250	[16]	86	[30]	90	[32]	15	[45]	60	[410]	30	[210]	645	[290]	1290	[590]	1

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.

POOL SURGE TANK SCHEDULE																							
MARK	LOCATION	TYPE	SYSTEM TEMPERATURE RANGE				MAX OPERATING PRESSURE		TANK VOLUME		INLET PIPE SIZES					OUTLET PIPE SIZES					REMARKS		
			MIN		MAX		PSIG	[kPa]	GAL	[L]	MAIN DRAIN		GUTTER DRAIN	POOL MAKE UP WATER		POOL WATER		VENT		DRAIN			
			°F	[°C]	°F	[°C]					IN	[mm]	IN	[mm]	IN	[mm]	IN	[mm]	IN	[mm]		IN	[mm]
SUT-1	POOL MECHANICAL ROOM	CORROSION RESISTANT POOL WATER SURGE TANK	86	[30]	94	[34]	80	[550]	1963	[7400]	6	[150]	4	[100]	2	[50]	4	[100]	4	[100]	2	[50]	1, 2, 3

REMARKS:
 1. 5' DIAMETER HORIZONTAL TANK.
 2. PROVIDE WITH SLOW-CLOSING SOLENOID VALVE, 2" DIAMETER SIGHT GLASS 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-501.

STEAM CONDENSATE PUMP SCHEDULE															
MARK	LOCATION	SYSTEM AND/OR SERVICE	TYPE UNIT	FLOW EACH PUMP		DISCHARGE PRESSURE		MIN RECEIVER SIZE		MOTOR			REMARKS		
				GPM	[L/s]	PSIG	[kPa]	GAL	[L]	NOMINAL POWER EACH		PHASE		VOLT	RPM
										HP	[W]				
CP-1	POOL MECHANICAL ROOM	BUILDING 247 STEAM CONDENSATE	SIMPLEX, PRESSURE DRIVEN	8	[.5]	20	[140]	25	[95]	NA	NA	NA	NA	NA	---

C:\Users\jgallagher\Documents\Chillicothe Building 247_MEP_2021\Greg.Pearson@the-serv.com.rvt 6/28/2022 4:01:16 PM

CONSTRUCTION DRAWINGS	6/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE

110 Boggs Lane | No 170
Springdale, OH 45246



STATION
538

VA U.S. Department of Veterans Affairs

Drawing Title
PLUMBING SCHEDULES

Approved: Ryan Jeter

Phase
CONSTRUCTION DOCUMENTS

Project Title
RENOVATE THERAPEUTIC POOL & RECREATION HALL

Location
CHILICOTHE, OHIO

Issue Date
6/28/2022

Checked
PP

Drawn
GP

Project Number
538-20-201

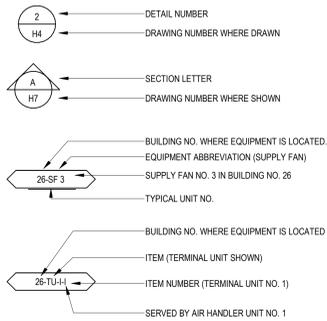
Building Number
247

Drawing Number
PL-601

ABBREVIATIONS

Table of abbreviations including AE (ARCHITECT / ENGINEER), AAV (AUTOMATIC AIR VENT), ACQ (AUTOMATIC CONTROL DAMPER, MODULATING), and others.

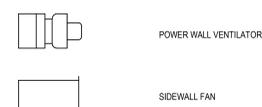
DRAWING SYMBOLS



TERMINAL UNIT SYMBOLS

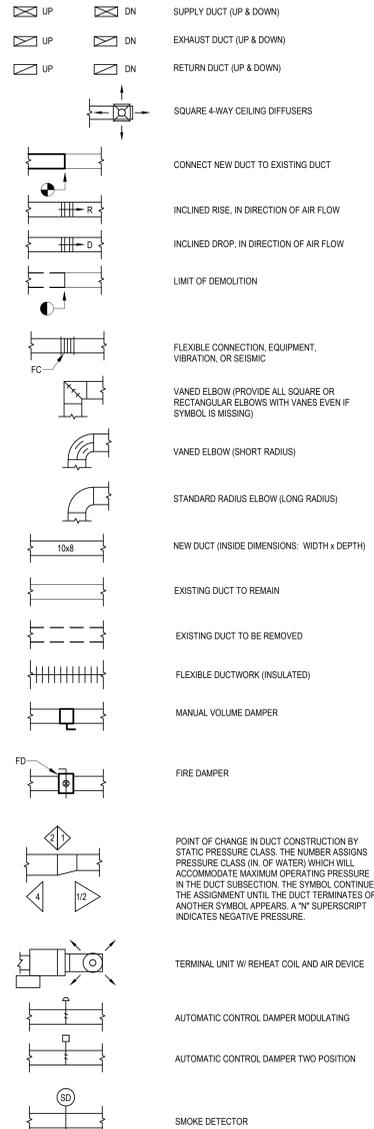


AIR TERMINAL SYMBOLS



GENERAL SYMBOLS

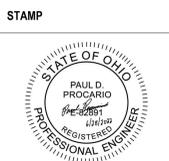
DUCTWORK SYMBOLS



6/26/2022 3:11:38 PM C:\Users\jgaur\Documents\Chillicothe Building 9 MEP 2021\1_mech\proceedings\ffs-sen.com.vrt

CONSULTANT

ARCHITECT/ENGINEER OF RECORD



STATION 538

Drawing Title MECHANICAL LEGEND SHEET - 9

Phase CONSTRUCTION DOCUMENTS

Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL

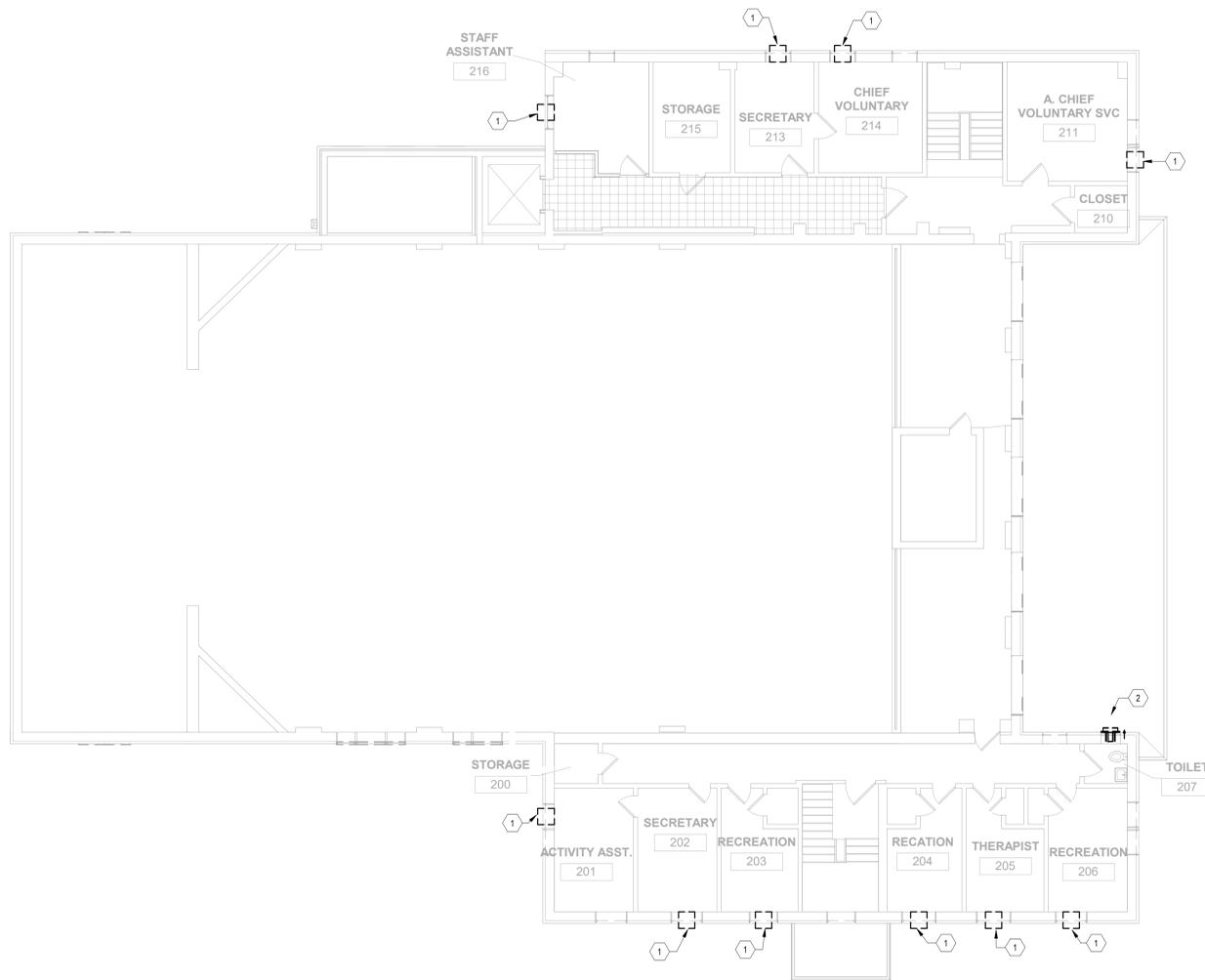
Project Number 538-20-201 Building Number 9

Location CHILICOTHE, OHIO

Drawing Number M-001

Issue Date 6/28/2022 Checked PDP Drawn JCV

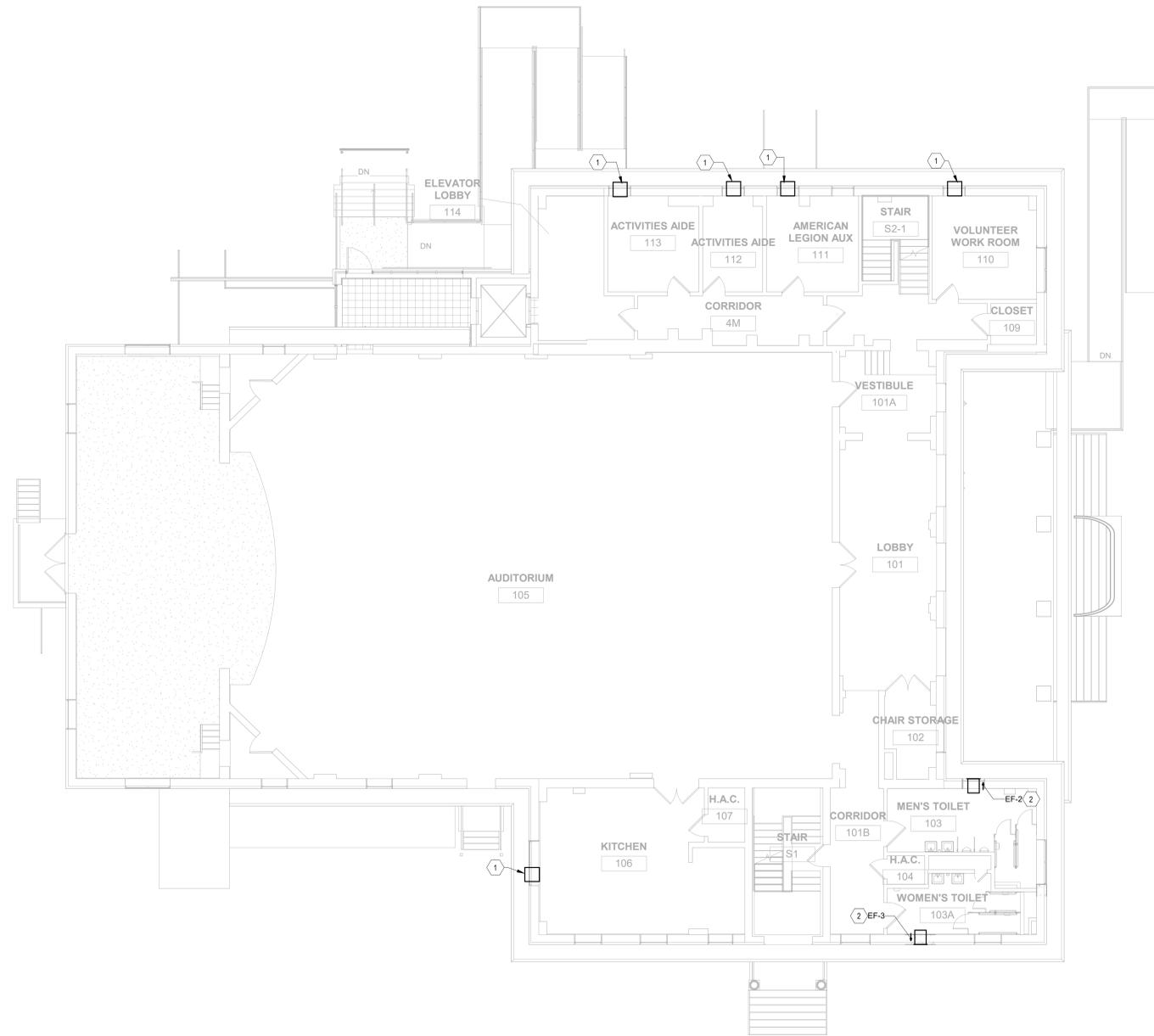
- DRAWING NOTES:**
- 1 REMOVE EXISTING WINDOW AIR CONDITIONER. PROTECT AND STORE FOR RE-USE.
 - 2 REMOVE EXISTING EXHAUST FAN.



① D-02-Mech - Second Floor
1/8" = 1'-0"

6/28/2022 3:14:49 PM
C:\Users\jgaur\Documents\Chillicothe Building 9 MEP 2021\1_paul.procaro@fs-srv.com.rvt

CONSTRUCTION DRAWINGS Revisions:	6/28/2022 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 SECOND FLOOR DEMOLITION PLAN - 9 Approved: Ryan Jeter	Phase CONSTRUCTION DOCUMENTS	Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL	Project Number 538-20-201 Building Number 9	Location CHILICOTHE, OHIO	Issue Date 6/28/2022	Checked PDP	Drawn JCV	Drawing Number MD-103
	VA FORM 08 - 6231													



- 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.

C:\Users\jquill\Documents\Chillicothe Building 9 MEP 2021\1_paul.procario@ffs-sev.com.rvt 6/28/2022 3:11:58 PM

CONSTRUCTION DRAWINGS	6/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE ENGINEERING ARCHITECTURE

110 Boggs Lane | No 170
Springdale, OH 45246

STAMP

STATE OF OHIO
PAUL D. PROCARIO
No. 22851
REGISTERED PROFESSIONAL ENGINEER

STATION
538

VA U.S. Department of Veterans Affairs

Drawing Title
MECHANICAL HVAC FIRST FLOOR - 9

Approved: Ryan Jeter

Phase
CONSTRUCTION DOCUMENTS

Project Title
RENOVATE THERAPEUTIC POOL & RECREATION HALL

Location
CHILLICOTHE, OHIO

Issue Date
6/28/2022

Checked
PDP

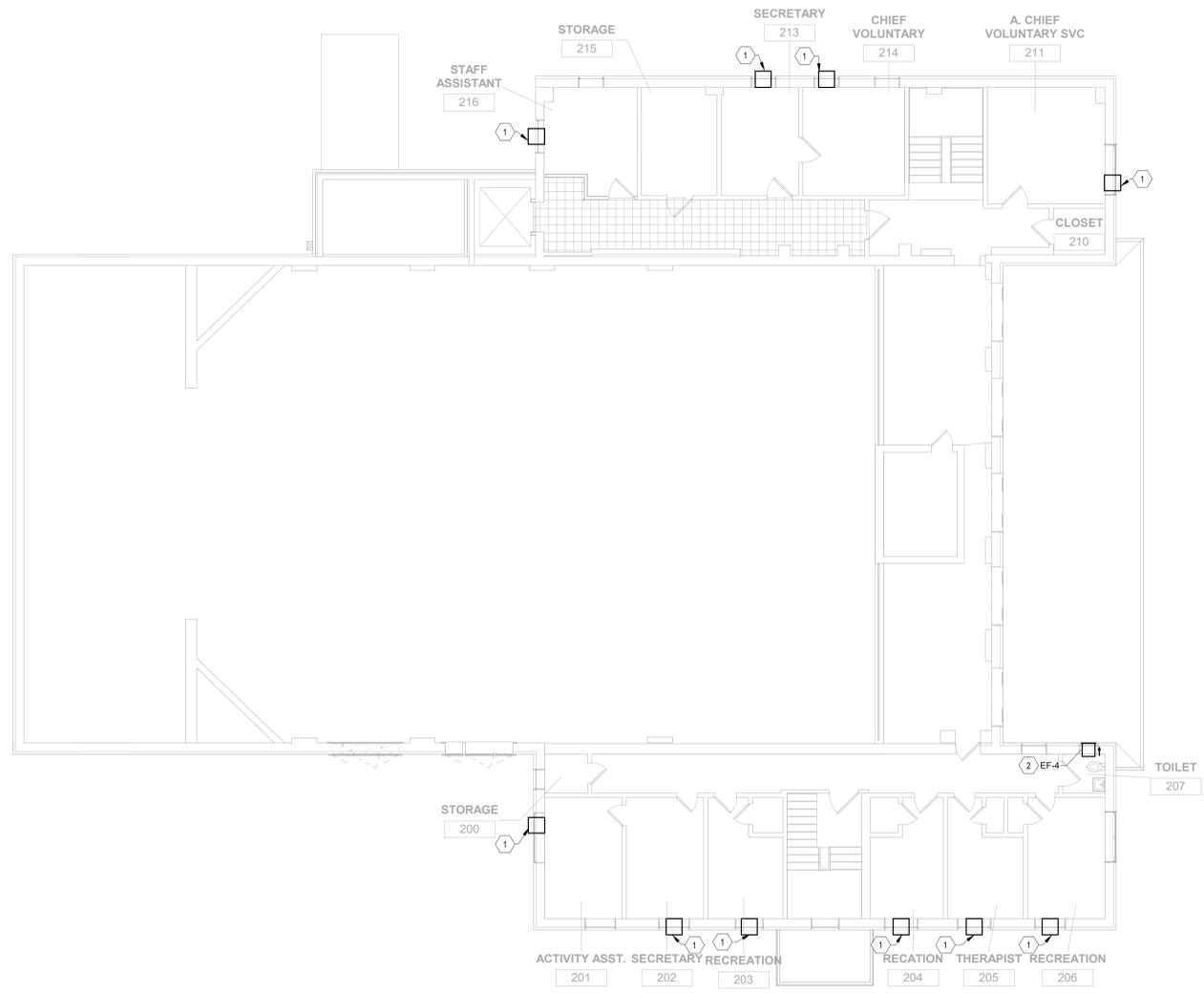
Drawn
JCV

Project Number
538-20-201

Building Number
9

Drawing Number
MH-102

6/28/2022 3:12:02 PM
C:\Users\jquill\Documents\Chillicothe Building 9 MEP (2021)_Paul Procario\ffs-srv.com.rvt



- DRAWING NOTES:**
- 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.
 - INSTALL NEW EXHAUST FAN. PROVIDE SUPPORT BRACING FROM FAN TO BUILDING.

1 N-02-Mech - Second Floor
1/8" = 1'-0"

CONSTRUCTION DRAWINGS Revisions:	6/28/2022 Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	STAMP 	STATION 538 U.S. Department of Veterans Affairs	Drawing Title MECHANICAL HVAC SECOND FLOOR - 9 Approved: Ryan Jeter	Phase CONSTRUCTION DOCUMENTS	Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL	Project Number 538-20-201 Building Number 9		
				110 Boggs Lane No 170 Springdale, OH 45246 				Location CHILLICOTHE, OHIO	Issue Date 6/28/2022	Checked PDP	Drawn JCV

A

B

C

D

E

F

FIRE ALARM		LIGHTING		WIRING		ABBREVIATIONS									
	SMOKE DETECTOR		1' x 4' FIXTURE. UPPERCASE INDICATES TYPE PER THE FIXTURE SCHEDULE. LOWER CASE LETTER "a" INDICATES SWITCH ZONE.		UNDERGROUND	A	AMPERE								
	FIRE ALARM SPEAKER/STROBE		2' x 4' FIXTURE.		CONCEALED OR OPEN	AC	ABOVE COUNTER. 42" AFF UNLESS OTHERWISE INDICATED								
	FIRE ALARM STROBE		2' x 2' FIXTURE.		FLEXIBLE CONDUIT CONNECTION	ADA	AMERICANS WITH DISABILITIES ACT								
	FIRE ALARM SENDING STATION		WALL MOUNTED FIXTURE.	EXTERIOR SITE				AF	ABOVE FINISHED FLOOR - TO BOTTOM						
	FIRE ALARM DUCT DETECTOR		INDUSTRIAL FIXTURE.					EUP	EXISTING UNDERGROUND ELECTRICAL LINE.	AL	ALUMINUM				
	FIRE ALARM CONTROL RELAY. C- CONTROL INPUT.		RECESSED FIXTURE, DOWNLIGHT	EP	EXISTING OVERHEAD ELECTRICAL LINE.	1/C	ONE CONDUCTOR								
	SUPERVISORY VALVE TAMPER SWITCH		EXIT SIGN WITH DIRECTIONAL ARROWS AS INDICATED	EUC	EXISTING UNDERGROUND COMMUNICATION LINE.	C	CONDUIT								
	WATER FLOW SWITCH		20 AMP, 125 VOLT SINGLE-POLE TOGGLE SWITCH MOUNTED 42" AFF.	EC	EXISTING OVERHEAD COMMUNICATION LINE.	CB	CIRCUIT BREAKER								
DATA/TELEPHONE			3-WAY, 20 AMP, 125 VOLT TOGGLE SWITCH MOUNTED 42" AFF.	EC	EXISTING ITEMS TO BE REMOVED	CU	COPPER								
	DATA/TELEPHONE OUTLET. PROVIDE (2) CAT 6a CABLES WITHIN CONDUIT OR OTHER APPROVED RACEWAY FROM OUTLET TO NEAREST IT CLOSET OR CABLE TRAY. SUBSCRIPT INDICATES # OF DATA CABLES.		4-WAY, 20 AMP, 125 VOLT TOGGLE SWITCH MOUNTED 42" AFF.	UP	NEW UNDERGROUND PRIMARY	(E)	EXISTING								
NURSE CALL - A/V			WALL MOUNTED OCCUPANCY SENSOR WITH OVERRIDE SWITCH	US	NEW UNDERGROUND SECONDARY	EF	EXHAUST FAN								
	NURSE CALL STATION PS = PATIENT STATION TS = TOILET STATION WITH PULL STRING SW = SHOWER STATION DS = DUTY STATION MS = MASTER STATION SS = STAFF STATION		20A, 125V DIMMER SWITCH MOUNTED 42" AFF	UC	NEW UNDERGROUND COMMUNICATIONS	EMT	ELECTRICAL METALLIC TUBING								
	NURSE CALL STATION ZL = ZONE INDICATING DOME LIGHT FOR CORRIDOR NURSE CALL SIGNAL		20A, 125V DIMMER SWITCH MOUNTED 42" AFF	S	EXISTING SECTIONALIZER CABINET	EWC	ELECTRIC WATER COOLER								
	BEDSIDE TELEVISION		CEILING MOUNTED OCCUPANCY SENSOR	TS	NEW PAD MOUNTED TRANSFORMER	FACP	FIRE ALARM CONTROL PANEL								
	PA SPEAKER, CEILING MOUNTED		LIGHTING CONTROLLER	M	NEW COMMUNICATIONS MANHOLE	FM	FREQUENCY MODULATION								
SECURITY / ACCESS CONTROL		POWER		GROUNDING											
	CARD READER		FLUSH FLOOR MOUNTED NEMA 5-20 DUPLEX RECEPTACLE UNLESS NOTED OTHERWISE						AIR TERMINAL	GFI	GROUND FAULT CIRCUIT INTERRUPTER				
	PANIC BUTTON		FLUSH FLOOR MOUNTED NEMA 5-20 QUAD RECEPTACLE UNLESS NOTED OTHERWISE		GROUNDING ROD	GFP	GROUND FAULT PROTECTION								
	HANDICAP DOOR MOTOR		NEMA 5-20 DUPLEX RECEPTACLE MOUNTED 18" AFF UNLESS NOTED OTHERWISE.		STATIC GROUNDING RECEPTACLE	HACR	HEATING AIR CONDITIONING REFRIGERATION								
	HANDICAP DOOR OPERATOR		NEMA 5-20 DUPLEX RECEPTACLE MOUNTED 44" AFF UNLESS NOTED OTHERWISE.		CONNECTION TO GROUND	HP	HORSEPOWER								
	ELECTRIC LATCH		RECEPTACLE, (NEMA CONFIGURATION AS NOTED)		GRID COUNTERPOISE CONDUCTOR	HPS	HIGH PRESSURE SODIUM								
	SECURITY CAMERA CCTV - DOME		NEMA 5-20 DUPLEX RECEPTACLE WITH USB CHARGER MOUNTED 18" AFF UNLESS NOTED OTHERWISE.		LIGHTNING PROTECTION ROOF CONDUCTOR	HT	HEIGHT								
	DURESS/PANIC ALARM		NEMA 5-20 DUPLEX SPLIT RECEPTACLE MOUNTED 18" AFF UNLESS NOTED OTHERWISE.		LIGHTNING PROTECTION DOWN CONDUCTOR	HZ	HERTZ								
	PILOT LIGHT / CHIME		NEMA 5-20 SIMPLEX RECEPTACLE MOUNTED 18" AFF UNLESS NOTED OTHERWISE.	EMERGENCY LIGHT											
	PUSHBUTTON		JUNCTION BOX						2' x 4' FIXTURE. SOLID FILL INDICATES FIXTURE ON LIFE SAFETY OR EMERGENCY CIRCUIT. (WHERE GENERATOR POWER IS NOT AVAILABLE PROVIDE A UNIT BATTERY AT 1400 LM)	IDS	INTRUSION DETECTION SYSTEM				
	WIRELESS ACCESS POINT		POWER CONNECTION		2' x 4' FIXTURE. DIAGONAL FILL INDICATES FIXTURE ON CRITICAL CIRCUIT.	J	JUNCTION BOX								
	MOTION DETECTOR		MOTOR	ABBREVIATIONS											
	KEY PAD		NON-FUSED DISCONNECT SWITCH. SIZE AS SHOWN					KWH	KILOWATT HOUR	LED	LIGHT EMITTING DIODE				
	KEY PAD / CARD READER		FUSED DISCONNECT SWITCH. SIZE FUSES FOR EQUIPMENT BASED ON MANUFACTURERS RECOMMENDATIONS	MCB	MAIN CIRCUIT BREAKER	M	MAIN LUGS ONLY								
	DOOR CONTROL PANEL		COMBINATION STARTER	MLO	MAIN LUGS ONLY	M	MOUNTING HEIGHT - TO CENTER								
CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
														Building Number	
CONSTRUCTION DRAWINGS		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Location CHILLICOTHE, OHIO	
														Issue Date 6/28/2022	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	
Revisions:		ARCHITECT/ENGINEER OF RECORD		STAMP		STATION 538		Drawing Title LEGEND AND ABBREVIATIONS		Phase CONSTRUCTION DOCUMENTS		Project Title RENOVATE THERAPEUTIC POOL & RECREATION HALL		Project Number 538-20-201	

A

B

C

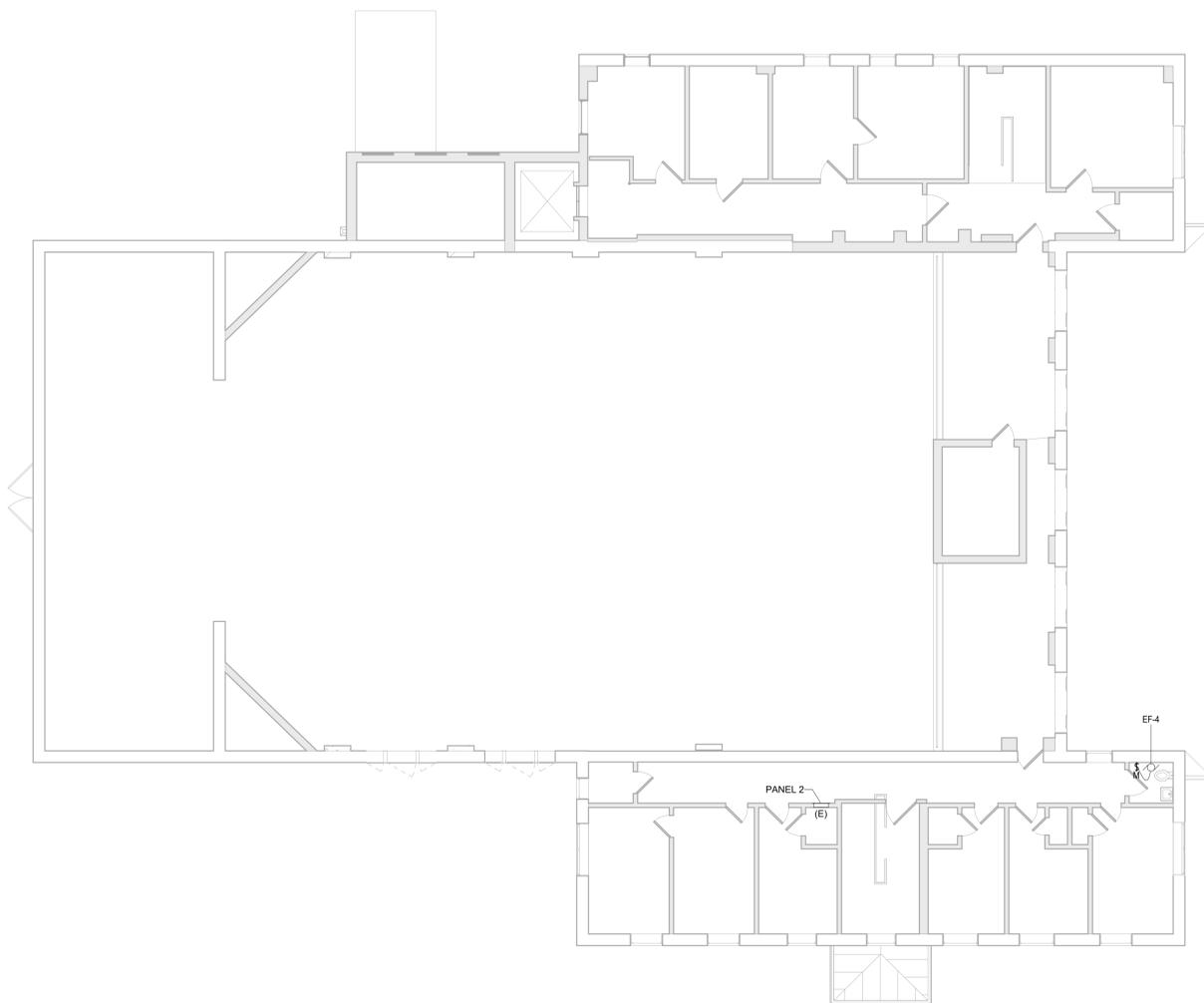
D

E

F

DRAWING NOTES:

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-103 FOR PREVIOUS LOCATION AND FEED EXHAUST FAN EF-4.



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



6/29/2022 3:34:38 PM

C:\Users\issac\Documents\Chillicothe Building 9_2021_issacharanthony@ffs-engineering.com\nt

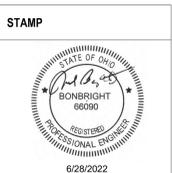
CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE

110 Boggs Lane | No 170
Springdale, OH 45246



STATION
538

VA U.S. Department of Veterans Affairs

Drawing Title
SECOND FLOOR POWER PLAN - 9

Approved: Ryan Jeter

Phase
CONSTRUCTION DOCUMENTS

Project Title
RENOVATE THERAPEUTIC POOL & RECREATION HALL

Location
CHILLICOTHE, OHIO

Issue Date
6/28/2022

Checked
JB

Drawn
IA

Project Number
538-20-201

Building Number
9

Drawing Number
EP-102

A
B
C
D
E
F

MOTOR & EQUIPMENT SCHEDULE

NOTES:

MOTOR ID	DESCRIPTION	MOTOR CHARACTERISTICS				STARTER							DISCONNECT							CONTROLS				FEEDER															
		HORSEPOWER (HP)	VOLTAGE	POLE	LOAD (KVA)	NEMA SIZE	MANUAL	MAGNETIC	COMBINATION STARTER	VFD DRIVE	EC MOTOR	SEE NOTE	NEAR MOTOR	MOTOR CONT CENTER	EQUIP CONT PANEL	ROOM NUMBER	SEE NOTE	FURNISHED BY DIV.	DISC SWITCH	MANUAL STARTER	RECEPTACLE	SWITCH	NEMA TYPE	DISC SIZE	FUSE SIZE	NEAR MOTOR	MOTOR CONT CENTER	EQUIP CONT PANEL	PANELBOARD	SEE NOTE	FURNISHED BY DIV.	MANUAL AT STARTER	INTEGRAL WITH EQUIPMENT	DDC	FURNISHED BY DIV.	SEE NOTE	NUMBER OF CONDUCTORS	WIRE SIZE	GROUND SIZE
EF-1	EXHAUST FAN	1/4	120 V	1	0.7		•					•					23			•														2	2	12	12	3/4	
EF-2	EXHAUST FAN	1/4	120 V	1	0.46		•					•					23			•													2	2	12	12	3/4		
EF-3	EXHAUST FAN	1/4	120 V	1	0.46		•					•					23			•													2	2	12	12	3/4		
EF-4	EXHAUST FAN		120 V	1	0.34		•					•					23			•													2	2	12	12	3/4		
EF-5	EXHAUST FAN	1/2	120 V	1	0.79		•					•					23			•													2	2	12	12	3/4		

C:\Users\issac\Documents\Chillicothe Building 9_2021_issaccharanibenera@fife-serv.com.rvt 6/29/2022 3:34:47 PM

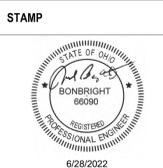
CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE

110 Boggs Lane | No 170
Springdale, OH 45246



STATION
538

VA U.S. Department of Veterans Affairs

Drawing Title
PANEL SCHEDULES AND DETAILS
- 9

Approved: Ryan Jeter

Phase
CONSTRUCTION DOCUMENTS

Project Title
RENOVATE THERAPEUTIC POOL & RECREATION HALL

Location
CHILLICOTHE, OHIO

Issue Date
6/28/2022

Checked
JB

Drawn
IA

Project Number
538-20-201

Building Number
9

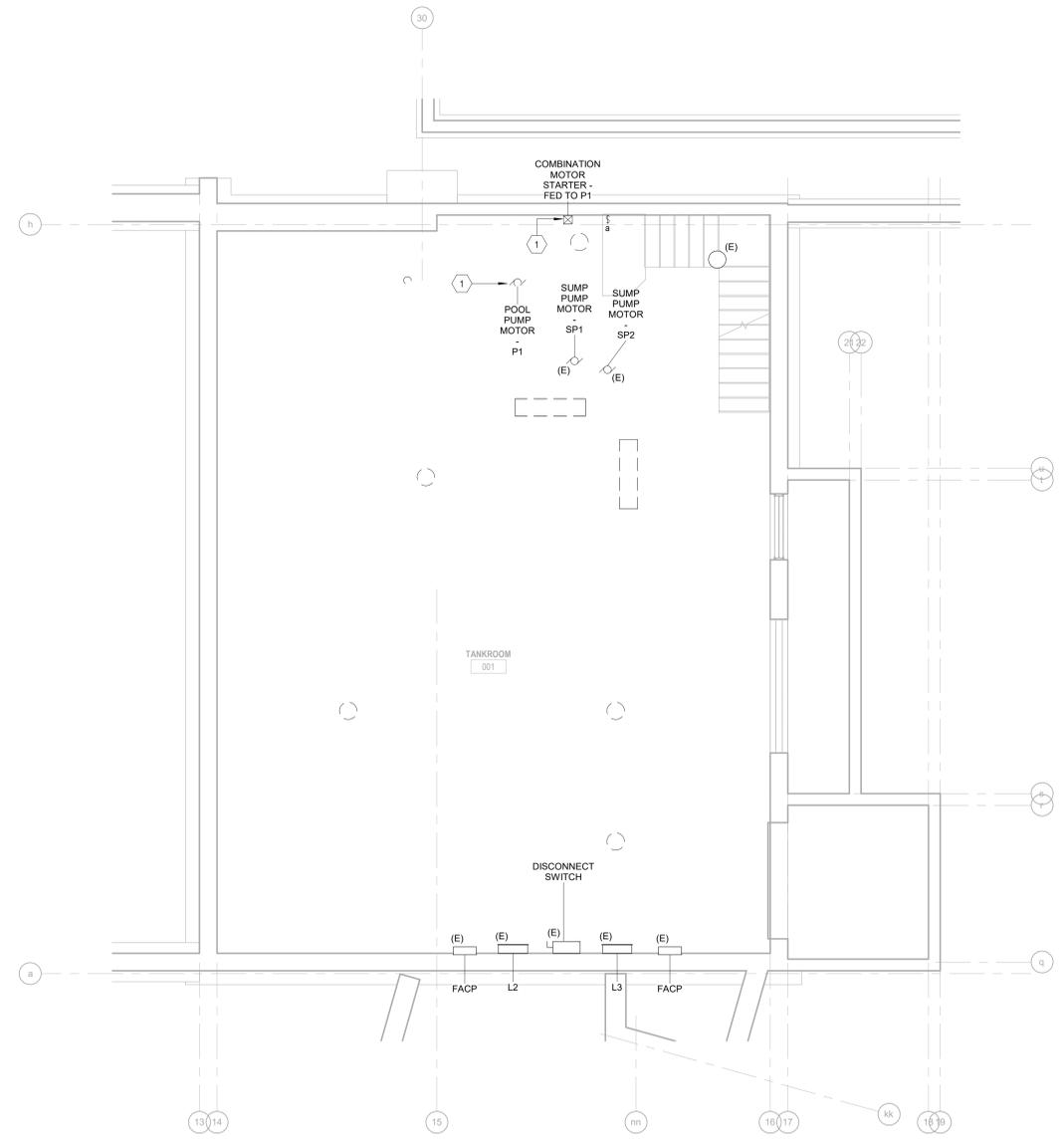
Drawing Number
E-600

GENERAL NOTES:

- 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.

DRAWING NOTES:

- 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.



1 247-BASEMENT - DEMOLITION POWER PLAN
1/4" = 1'-0"

C:\Users\issac\Documents\Chillicothe Building 247_2021_1\issachar.anderson@fs-serv.com.rvt 6/29/2022 5:59:42 PM

CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE

110 Boggs Lane | No 170
Springdale, OH 45246

STAMP

STATE OF OHIO
DONBRIGHT
66090
REGISTERED PROFESSIONAL ENGINEER
6/28/2022

STATION
538

VA U.S. Department of Veterans Affairs

Drawing Title
BASEMENT DEMO PLAN - 247

Approved: Ryan Jeter

Phase
CONSTRUCTION DOCUMENTS

Project Title
RENOVATE THERAPEUTIC POOL & RECREATION HALL

Location
CHILLICOTHE, OHIO

Issue Date
6/28/2022

Checked
JB

Drawn
IA

Project Number
538-20-201

Building Number
247

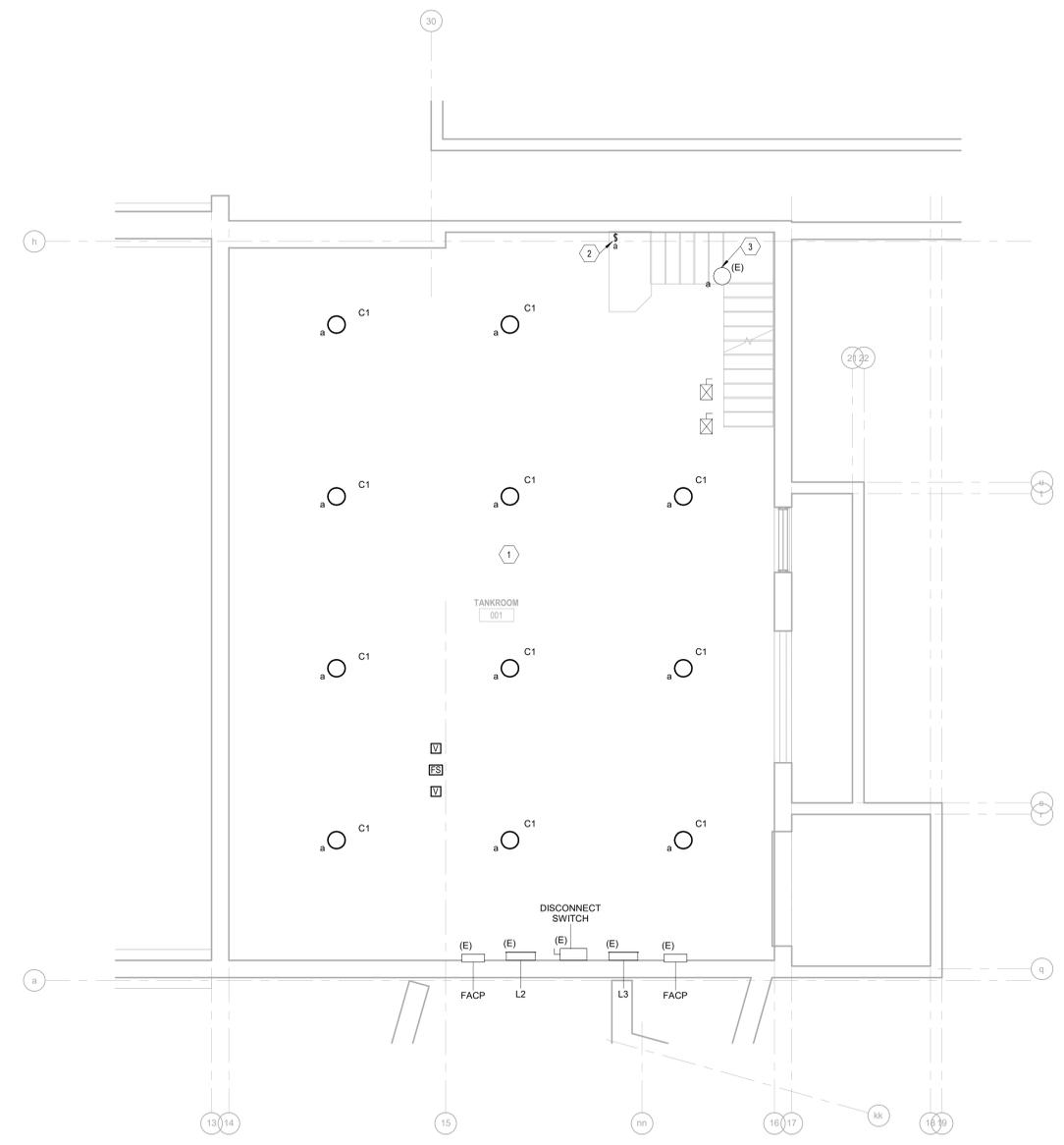
Drawing Number
ED-100

GENERAL NOTES:

- A. LOCATE LIGHT FIXTURES AROUND PIPING TO PROVIDE THE BEST ILLUMINATION OF THE SPACE. PROVIDE STEM LENGTHS AS REQUIRED. 12" MINIMUM.
- B. LOWER CASE LETTER ON FLOOR PLAN TO REPRESENT LIGHT SWITCH CONTROLS OF LIGHTING FIXTURES ASSOCIATED WITH LIGHT SWITCH OF THE SAME LETTER.
- C. CONDUIT RACEWAYS AND BOXES SHALL BE PVC LIQUIDTIGHT.

DRAWING NOTES:

- 1. INSTALL NEW LIGHTING FIXTURES. REFER TO LIGHTING FIXTURE SCHEDULE AND CUT SHEETS. CIRCUIT TO NEAREST LIGHTING AND APPLIANCE PANEL WITH AVAILABLE 20A 120V BREAKER.
- 2. SINGLE POLE LIGHT SWITCH TO BE INSTALLED ABOVE LANDING AT TOP OF STEPS. REUSE EXISTING CIRCUIT.
- 3. EXISTING LIGHT FIXTURE ABOVE STEPS ON THE 1ST FLOOR. TO BE CONTROLLED BY NEW LIGHT SWITCH.



1 247-BASEMENT - NEW WORK LIGHTING PLAN
1/4" = 1'-0"

6/29/2022 5:50:46 PM

C:\Users\issac\Documents\Chillicothe Building 247_2021_1\issachar.anderson@fs-serv.com.rvt

CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE

110 Boggs Lane | No 170
Springdale, OH 45246

STAMP

STATE OF OHIO
BONBRIGHT
66090
PROFESSIONAL ENGINEER
6/28/2022

STATION
538

VA U.S. Department of Veterans Affairs

Drawing Title
BASEMENT LIGHTING PLAN - 247

Approved: Ryan Jeter

Phase
CONSTRUCTION DOCUMENTS

Project Title
RENOVATE THERAPEUTIC POOL & RECREATION HALL

Location
CHILLICOTHE, OHIO

Issue Date
6/28/2022

Checked
JB

Drawn
IA

Project Number
538-20-201

Building Number
247

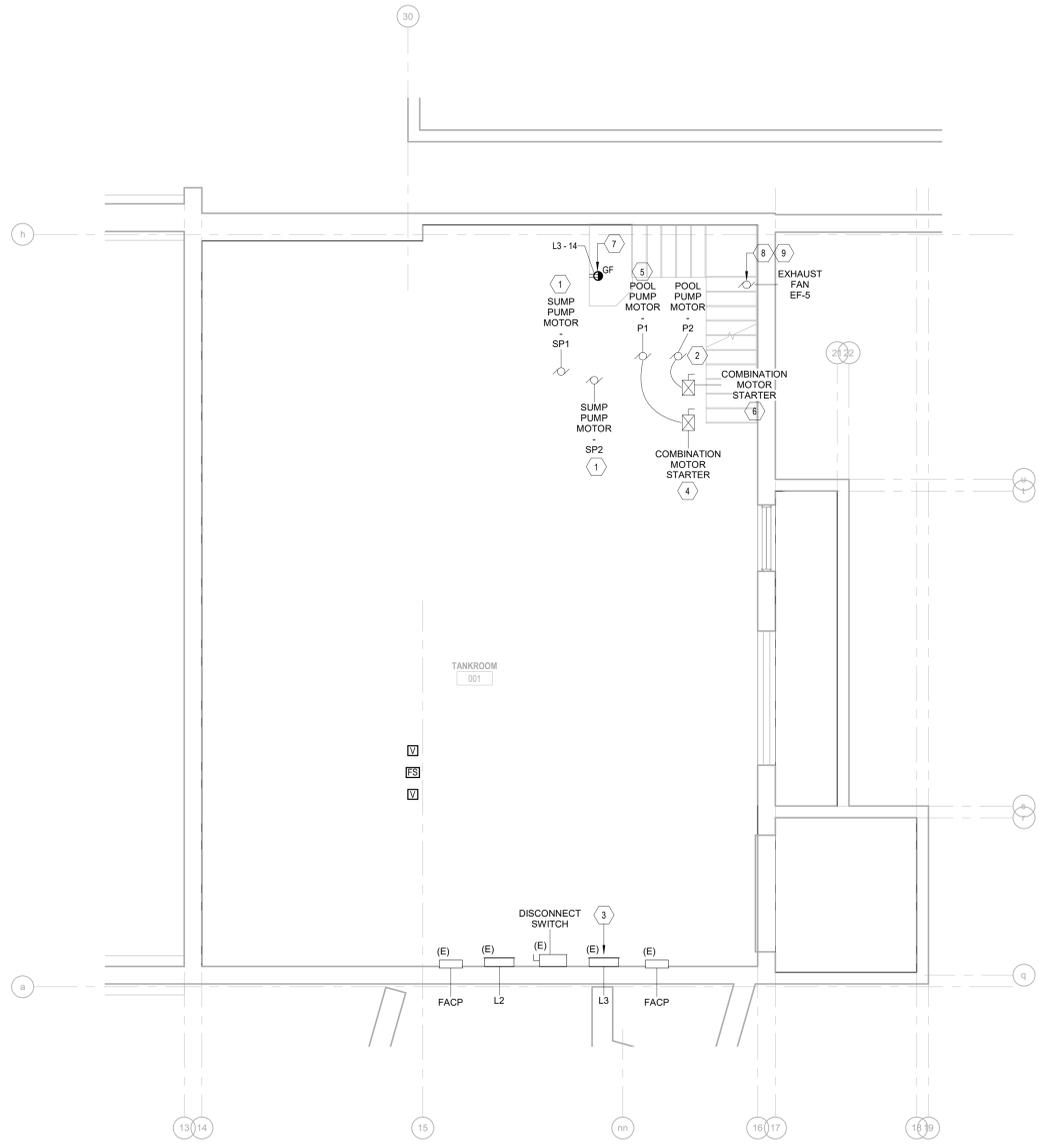
Drawing Number
EL-100

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:

1. SUMP PUMPS TO REMAIN.
2. 10HP POOL PUMP AND WIRE A CIRCUIT TO NEW COMBINATION STARTER USING LIQUIDTIGHT CONDUIT.
3. PROVIDE 50A/3P BREAKERS FOR PUMPS.
4. EXISTING RELOCATED COMBINATION STARTER. USE PREVIOUSLY USED CIRCUIT BREAKER. PROVIDE AND INSTALL UNISTRUT BASE SUPPORT FOR STARTERS TO BE MOUNTED ON TOP.
5. RELOCATE EXISTING POOL PUMP P1 TO NEW LOCATION AND CONNECT TO EXISTING RELOCATED COMBINATION STARTER. USE PREVIOUSLY USED CIRCUIT BREAKER.
6. NEW COMBINATION STARTER. PROVIDE AND INSTALL UNISTRUT BASE SUPPORT FOR STARTERS TO BE MOUNTED ON TOP.
7. 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.
8. 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.
9. TO BE FED FROM 20A SPARE CIRCUIT IN PANEL L3 OR NEAREST APPROPRIATE PANEL. PROVIDE 20A CIRCUIT BREAKER IF SPARE BREAKER IS NOT AVAILABLE.



1 247-BASEMENT - NEW WORK POWER PLAN
1/4" = 1'-0"

C:\Users\issac\Documents\Chillicothe Building 247_2021_1\issachar.anderson@fs-serv.com.rvt 6/29/2022 5:50:38 PM

CONSTRUCTION DRAWINGS	06/28/2022
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD



110 Boggs Lane | No 170
Springdale, OH 45246

STAMP



6/28/2022

STATION
538



Drawing Title
BASEMENT POWER PLAN - 247

Approved: Ryan Jeter

Phase
CONSTRUCTION DOCUMENTS

Project Title
RENOVATE THERAPEUTIC POOL & RECREATION HALL

Location
CHILLICOTHE, OHIO

Issue Date
6/28/2022

Checked
JB

Drawn
IA

Project Number
538-20-201

Building Number
247

Drawing Number
EP-103

