YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS STREET
YORK, SC 29745

GENERAL NOTES

A. THE TERM "WORK" AS USED IN THESE NOTES SHALL INCLUDE ALL PROVISIONS AS DRAWN OR SPECIFIED IN THESE DOCUMENTS AS WELL AS ALL OTHER PROVISIONS SPECIFICALLY INCLUDED BY THE OWNER IN THE FORM OF DRAWINGS, SPECIFICATIONS, AND WRITTEN INSTRUCTIONS AND APPROVED BY THE ENGINEER.

B. THE TERM "CONTRACTOR" AS USED IN THESE NOTES SHALL REFER TO THE GENERAL CONTRACTOR OR TO THE SUB-CONTRACTORS.

C. SCOPE OF WORK: THE CONTRACTOR SHALL INCLUDE AND PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, TRANSPORTATION, AND PAY ALL EXPENSES INCURRED IN THE PROPER COMPLETION OF WORK UNLESS SPECIFICALLY NOTED TO BE THE WORK OF OTHERS. CONTRACTOR SHALL PERFORM ALL WORK NECESSARY FOR PRODUCING A COMPLETE, HABITABLE PROJECT, INCLUDING BUT NOT LIMITED TO SITE WORK, ARCHITECTURAL, STRUCTURAL, FIRE PROTECTION, PLUMBING, HVAC, AND ELECTRICAL.

D. BEFORE CONSTRUCTION BEGINS, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND SHALL NOTIFY THE ENGINEER, IN WRITING, OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK AND SHALL BE RESPONSIBLE FOR SAME.

E. IF THE CONTRACT DOCUMENTS ARE FOUND TO BE UNCLEAR, AMBIGUOUS OR CONTRADICTORY, THE CONTRACTOR MUST REQUEST CLARIFICATION FROM THE ENGINEER IN WRITING BEFORE PROCEEDING WITH THAT PART OF THE WORK.

F. IF A CONDITION EXISTS THAT REQUIRES OBSERVATION OR ACTION BY THE ENGINEER, OR OTHER DESIGN PROFESSIONAL, THE CONTRACTOR SHALL NOTIFY THE ENGINEER.

G. CONTRACTOR SHALL BE FAMILIAR WITH PROVISIONS OF ALL APPLICABLE CODES AND SHALL ENSURE THE COMPLIANCE OF THE WORK WITH ALL LOCAL, STATE AND FEDERAL CODES, TRADE STANDARDS AND MANUFACTURERS RECOMMENDATIONS. IN THE EVENT OF CONFLICT BETWEEN LOCAL, STATE AND NATIONAL CODES, THE MORE STRINGENT SHALL GOVERN. BEFORE COMMENCING WORK NOT SHOWN IN DOCUMENTS, BUT REQUIRED TO ACHIEVE FULL COMPLIANCE WITH CODES, CONTRACTOR SHALL NOTIFY ARCHITECT.

H. THESE DOCUMENTS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. SAFETY, COMPLIANCE WITH STATE AND FEDERAL REGULATIONS REGARDING SAFETY AND COMPLIANCE WITH REQUIREMENTS SPECIFIED IN THE OWNER/CONTRACTOR CONTRACT IS, AND SHALL BE, THE CONTRACTOR'S RESPONSIBILITY.

I. CONTRACTOR SHALL PAY ALL TAXES, SECURE ALL PERMITS AND PAY ALL FEES INCURRED IN THE COMPLETION OF THE PROJECT.

J. THE CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS AND RUBBISH AND AT THE COMPLETION OF THE WORK THE CONTRACTOR SHALL REMOVE ALL RUBBISH, IMPLEMENTS, AND SURPLUS MATERIALS AND LEAVE THE BUILDING IN NEW AND CLEAN CONDITION.

COORDINATION OF WORK

ALL NOTES APPLY TO ALL DRAWINGS AND ALL TRADES. IT IS THE RESPONSIBILITY OF ALL CONTRACTORS AND SUB-CONTRACTORS TO COORDINATE THE INSTALLATION OF THEIR WORK WITH THE INSTALLATION OF WORK BY ALL OTHER CONTRACTORS AND SUB-CONTRACTORS. THE REQUIREMENTS OF THE DRAWINGS, GENERAL REQUIREMENTS, AND ALL ITEMS OF THE CONTRACT DOCUMENTS ARE EQUALLY BINDING ON ALL CONTRACTORS AND SUB-CONTRACTORS. EACH CONTRACTOR IS REQUIRED TO MAINTAIN FULL SETS OF THE CONTRACT DOCUMENTS FOR HIS EMPLOYEE'S USE ON THE PROJECT AND ASSURE THAT ALL WORK IS PROPERLY COORDINATED AND INSTALLED WITH THE WORK OF OTHER CONTRACTORS AND SUB-CONTRACTORS.

CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES AND SAFETY PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK.

DEFERRED SUBMITTALS AND SEPARATE PERMITS

THE FOLLOWING ITEMS ARE DEFERRED SUBMITTALS OR SEPARATE PERMITS:

1. FIRE SPRINKLER SYSTEM DRAWINGS AND CALCULATIONS
2. FIRE ALARM AND DETECTION SYSTEM

VICINITY MAP

PROJECT SCOPE

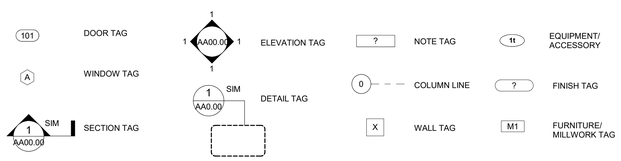
THE PROJECT SCOPE OUTLINED IN THIS SET OF DOCUMENTS INCLUDES THE RENOVATION AND REPLACEMENT OF EXISTING HVAC SYSTEMS WITHIN THE EXISTING COURTHOUSE, INCLUDING SELECTIVE DEMOLITIONS, NEW DUCTWORK AND PIPING, AND ACT CEILING REPLACEMENT, AS WELL AS SITE WORK FOR NEW CHILLER YARD. THE PROJECT IS CLASSIFIED AS A LEVEL 1 ALTERATION UNDER THE EXISTING BUILDING CODE. THE DESIGN FOCUSES ON COORDINATING NEW SYSTEMS WITHIN EXISTING CONSTRAINTS WHILE MINIMIZING DISRUPTION AND MAINTAINING CODE COMPLIANCE.

WORK QUALIFIES AS A LEVEL 1 ALTERATION UNDER THE EXISTING BUILDING CODE, WITH NO REQUIRED UPGRADES TO OCCUPANCY CLASSIFICATION, MEANS OF EGRESS, FIRE/LIFE SAFETY SYSTEMS, OR ACCESSIBILITY BEYOND THE PROJECT SCOPE.

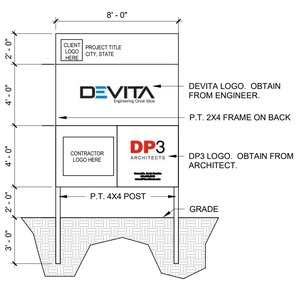
DRAWING INDEX

NUMBER	SHEET NAME	SHEET ISSUE DATE	CURRENT REVISION	CURRENT REVISION DATE
TITLE				
T101	TITLE SHEET		A	1 JUL 2026
LIFE SAFETY				
LS101	CODE REVIEW		A	1 JUL 2026
CIVIL				
C101	GENERAL NOTES AND INDEX		A	1 JUL 2026
C102	EXISTING CONDITIONS AND DEMOLITION PLAN		A	1 JUL 2026
C103	SITE PLAN		A	1 JUL 2026
C104	EROSION CONTROL NOTES		A	1 JUL 2026
C105	EROSION CONTROL NOTES		A	1 JUL 2026
C106	EROSION CONTROL PLAN		A	1 JUL 2026
C107	EROSION CONTROL DETAILS		A	1 JUL 2026
C108	EROSION CONTROL DETAILS		A	1 JUL 2026
C109	PAVING GRADING AND DRAINAGE PLAN		A	1 JUL 2026
C110	PAVING GRADING AND DRAINAGE DETAILS		A	1 JUL 2026
ARCHITECTURE				
A100	ARCHITECTURAL SITE PLAN		A	1 JUL 2026
A101	1ST FLOOR DEMOLITION FLOOR PLAN		A	1 JUL 2026
A102	2ND FLOOR DEMOLITION FLOOR PLAN		A	1 JUL 2026
A103	3RD FLOOR DEMOLITION FLOOR PLAN		A	1 JUL 2026
A104	4TH FLOOR DEMOLITION FLOOR PLAN		A	1 JUL 2026
A111	1ST FLOOR PLANS		A	1 JUL 2026
A112	2ND FLOOR PLANS		A	1 JUL 2026
A113	3RD FLOOR PLANS		A	1 JUL 2026
A114	4TH FLOOR PLANS		A	1 JUL 2026
A115	ROOF PLAN		A	1 JUL 2026
A201	1ST FLOOR DEMOLITION REFLECTED CEILING PLAN		A	1 JUL 2026
A202	2ND FLOOR DEMOLITION REFLECTED CEILING PLAN		A	1 JUL 2026
A203	3RD FLOOR DEMOLITION REFLECTED CEILING PLAN		A	1 JUL 2026
A204	4TH FLOOR DEMOLITION REFLECTED CEILING PLAN		A	1 JUL 2026
A211	1ST FLOOR REFLECTED CEILING PLAN		A	1 JUL 2026
A212	2ND FLOOR REFLECTED CEILING PLAN		A	1 JUL 2026
A213	3RD FLOOR REFLECTED CEILING PLAN		A	1 JUL 2026
A214	4TH FLOOR REFLECTED CEILING PLAN		A	1 JUL 2026
A300	ARCHITECTURAL DETAILS		A	1 JUL 2026
STRUCTURAL				
S001	GENERAL NOTES		A	1 JUL 2026
S002	SPECIAL INSPECTIONS		A	1 JUL 2026
S101	FOUNDATION AND ROOF PLAN		A	1 JUL 2026
S201	TYPICAL SECTIONS AND DETAILS		A	1 JUL 2026
FIRE PROTECTION				
FP201	FIRE PROTECTION 1ST FLOOR PLAN		A	1 JUL 2026
MECHANICAL				
M001	MECHANICAL LEGEND AND NOTES		A	1 JUL 2026
M050	MECHANICAL SITE PLAN		A	1 JUL 2026
M101	MECHANICAL 1ST FLOOR DEMOLITION PLAN		A	1 JUL 2026
M102	MECHANICAL 2ND FLOOR DEMOLITION PLAN		A	1 JUL 2026
M103	MECHANICAL 3RD FLOOR DEMOLITION PLAN		A	1 JUL 2026
M104	MECHANICAL 4TH FLOOR DEMOLITION PLAN		A	1 JUL 2026
M201	MECHANICAL 1ST FLOOR PLAN		A	1 JUL 2026
M202	MECHANICAL 2ND FLOOR PLAN		A	1 JUL 2026
M203	MECHANICAL 3RD FLOOR PLAN		A	1 JUL 2026
M204	MECHANICAL 4TH FLOOR PLAN		A	1 JUL 2026
M301	MECHANICAL 1ST FLOOR PIPING PLAN		A	1 JUL 2026
M302	MECHANICAL 2ND FLOOR PIPING PLAN		A	1 JUL 2026
M303	MECHANICAL 3RD FLOOR PIPING PLAN		A	1 JUL 2026
M304	MECHANICAL 4TH FLOOR PIPING PLAN		A	1 JUL 2026
M700	MECHANICAL CONTROLS		A	1 JUL 2026
M701	MECHANICAL CONTROLS		A	1 JUL 2026
M702	MECHANICAL CONTROLS		A	1 JUL 2026
M800	MECHANICAL DETAILS		A	1 JUL 2026
M801	MECHANICAL DETAILS		A	1 JUL 2026
M900	MECHANICAL SCHEDULES		A	1 JUL 2026
M901	MECHANICAL SCHEDULES		A	1 JUL 2026
ELECTRICAL				
E001	ELECTRICAL LEGEND AND NOTES		A	1 JUL 2026
E002	ELECTRICAL RISER DIAGRAMS		A	1 JUL 2026
E003	FIRE ALARM RISER AND DETAILS		A	1 JUL 2026
E050	ELECTRICAL SITE PLAN		A	1 JUL 2026
E101	ELECTRICAL 1ST FLOOR DEMOLITION PLAN		A	1 JUL 2026
E102	ELECTRICAL 2ND FLOOR DEMOLITION PLAN		A	1 JUL 2026
E103	ELECTRICAL 3RD FLOOR DEMOLITION PLAN		A	1 JUL 2026
E104	ELECTRICAL 4TH FLOOR DEMOLITION PLAN		A	1 JUL 2026
E201	ELECTRICAL 1ST FLOOR POWER PLAN		A	1 JUL 2026
E202	ELECTRICAL 2ND FLOOR POWER PLAN		A	1 JUL 2026
E203	ELECTRICAL 3RD FLOOR POWER PLAN		A	1 JUL 2026
E204	ELECTRICAL 4TH FLOOR POWER PLAN		A	1 JUL 2026
E900	ELECTRICAL SCHEDULES		A	1 JUL 2026
E901	ELECTRICAL PANEL SCHEDULES - 1ST FLOOR		A	1 JUL 2026
E902	ELECTRICAL PANEL SCHEDULES - 2ND, 3RD, AND 4TH FLOOR		A	1 JUL 2026
E903	ELECTRICAL PANEL SCHEDULES - CHILLER YARD		A	1 JUL 2026

DRAWING SYMBOL LEGEND



PROJECT SIGN



NOTES:

1. GC TO PROVIDE AND INSTALL ONE PROJECT SIGN. LOCATIONS TO BE DETERMINED IN FIELD. VERIFY LOCATION WITH OWNER.
2. PROJECT SIGN TO REMAIN PROMINENTLY DISPLAYED DURING ENTIRE CONSTRUCTION PERIOD. REMOVE FROM PROJECT SITE WHEN BUILDING OCCUPIED AND OPEN FOR BUSINESS.
3. SIGN PAINTED ON 3/4" EXTERIOR PLYWOOD. LETTER STYLE AND PLACEMENT SHOULD BE SIMILAR TO THAT SHOWN.
4. PROVIDE KICK BACK TREATED WOOD POSTS AS NEEDED. PAINTED WHITE.

PROJECT CONTACTS

OWNER
YORK COUNTY GOVERNMENT
220 PUBLIC WORKS ROAD
CONTACT: CHAD HUSKINS
CHAD.HUSKINS@YORKCOUNTYSC.GOV
704.361.8271

ELECTRICAL & MECHANICAL ENGINEER
DEVITA & ASSOCIATES, INC.
33 VILLA ROAD, SUITE 300
GREENVILLE, SC 29615
CONTACT: SHANNON EPPS
SEPPS@DEVITA.COM
864.232.6642

ARCHITECT
DP3 ARCHITECTS, LTD.
15 SOUTH MAIN STREET
SUITE 400
GREENVILLE, SC 29601
CONTACT: LYDIA GANDY
LGANDY@DP3ARCHITECTS.COM
864.232.8200

STRUCTURAL ENGINEER
DEVITA & ASSOCIATES, INC.
33 VILLA ROAD, SUITE 300
GREENVILLE, SC 29615
CONTACT: MARK HUFSTETLER
MHUFSTETLER@DEVITAINC.COM
864.232.6642

CIVIL ENGINEER
THOMAS & HUTTON
220 N MAIN STREET
SUITE 402
GREENVILLE, SC 29601
CONTACT: AARON FALKENMEYER
FALKENMEYER.A@TANDH.COM
864.412.2222

(BAR GRAPHIC IS 4" AT FULL SCALE)
4" 3" 2" 1" 0"

STATE OF SOUTH CAROLINA — DP3 ARCHITECTS LTD. — GREENVILLE, SC — B - 84017 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — MICHAEL THOMAS — GREENVILLE, SC — 04570 — REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
TITLE SHEET

DRAWING NO.
T101

Drawn By: LMG Checked By: MTP

PROJECT ADDRESS

2 SOUTH CONGRESS ST
YORK, SC 29745

ARCHITECH/ENGINEER OF RECORD

DSCIPLINE	DESIGNER OF RECORD	LICENSE	TELEPHONE NUMBER
ARCHITECT	MICHAEL PRY	04570	864.232.8200
ELECTRICAL	SHANNON EPPS, PE	22785	864.232.6642
MECHANICAL	MICHAEL ROGERS, PE	16805	864.232.6642
STRUCTURAL	MARK HUFSTETLER, PE	27523	864.232.6642
CIVIL	RYAN W. PAGE	29588	864.412.2232

ADMINISTRATION

BUILDING REVIEW AGENCY	CITY OF YORK	ZONING SETBACKS:	
OFFICIAL	ALEX MOORE	FRONT:	N/A
PHONE NUMBER	803.792.8673	SIDE:	N/A
		REAR:	N/A
TAX MAP NUMBER:	0701301001		
ZONING CLASS:	B1	FLOOD ZONE:	NO
ALLOWED HEIGHT:	35	WETLANDS:	NO
ALLOWED STORIES:	N/A	FIRE DISTRICT:	NO
		DARK SKY REQUIREMENTS:	NO
OVERLAY DISTRICT:	NATIONAL REGISTER HISTORIC DISTRICT		

PROJECT DESIGNED IN ACCORDANCE WITH

CODE	VERSION
INTERNATIONAL BUILDING CODE	2021 EDITION
INTERNATIONAL MECHANICAL CODE	2021 EDITION
INTERNATIONAL PLUMBING CODE	2021 EDITION
NATIONAL ELECTRICAL CODE	2020 EDITION
INTERNATIONAL FIRE CODE	2021 EDITION
INTERNATIONAL ENERGY CONSERVATION CODE	2009 EDITION
INTERNATIONAL FUEL GAS CODE	2021 EDITION
INTERNATIONAL EXISTING BUILDING CODE	2021 EDITION
ACCESSIBILITY CODE	ANSI A117.1 2017

USE AND OCCUPANCY INFORMATION

ITEM DESCRIPTION	PROVIDED	CODE SECTION	COMMENTS
CONSTRUCTION CLASSIFICATION	IIB		
SINGLE OCCUPANCY OR MAIN OCCUPANCY GROUP	B	IBC SECTION 302	
MIXED USE AND OCCUPANCY	NO	IBC SECTION 508	
OCCUPANCY GROUPS (ALL)	B	IBC SECTION 302	
ACCESSORY OCCUPANCIES	NO	IBC SECTION 508.2	
NONSEPARATED	NO	IBC SECTION 508.3	
SEPARATED	NO	IBC SECTION 508.4	
INCIDENTAL USE AREA SEPARATION	NO	IBC SECTION 509	
HAZARDOUS MATERIALS	NO	IBC SECTION 414	

BUILDING CODE REVIEW NOTES

ALTERATION LEVEL CLASSIFICATION: LEVEL 1 ALTERATION

PROJECT DESCRIPTION:
SCOPE OF WORK: INCLUDES FULL HVAC REPLACEMENT WITH LIMITED CEILING REPLACEMENT AND LIMITED FLOOR PLAN CHANGES.
OCCUPANCY CLASSIFICATION: NO CHANGES ARE PROPOSED TO THE BUILDING USE OR OCCUPANT LOAD.
MEANS OF EGRESS: NO CHANGES TO THE EXISTING MEANS OF EGRESS CONFIGURATION.
FIRE PROTECTION: NO CHANGE TO THE EXISTING LEVEL OF FIRE PROTECTION.
ACCESSIBILITY: NO CHANGES TO ACCESSIBILITY. MECHANICAL AND ELECTRICAL UPGRADES WILL FOLLOW 2009 ENERGY CODE REQUIREMENTS.

CONSTRUCTION TYPE: II-B (PROTECTED), SPRINKLERED NFPA 13

BUILDING HEIGHT: 55 FT

GROSS BUILDING AREA:
1ST FLOOR: 10,590 SQFT
2ND FLOOR: 10,150 SQFT
3RD FLOOR: 10,130 SQFT
4TH FLOOR: 10,590 SQFT
TOTAL: 41,460 SQFT

OCCUPANCY:
MIXED OCCUPANCY: A-3, B, S-1

SEPARATION: NONE

LIFE SAFETY SYSTEM REQUIREMENTS:
EMERGENCY LIGHTING: YES
EXIT SIGNS: YES
FIRE ALARM: YES
SMOKE DETECTION: YES
PANIC HARDWARE: YES

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	RATING REQUIRED	RATING PROVIDED	LISTING NO.
BEARING WALLS	0	0	
STRUCTURAL FRAME	0	0	
NON BEARING WALLS	0	0	
FLOORS CONSTRUCTION	0	0	
ROOF CONSTRUCTION	0	0	
VERTICAL SHAFT CONSTRUCTION - EXIT	1	1	U415 SYSTEM A
VERTICAL SHAFT CONSTRUCTION - OTHER	1	1	U415 SYSTEM A
HORIZONTAL SHAFT CONSTRUCTION - OTHER	1	1	I504
CORRIDOR SEPARATION	0	0	
OCCUPANCY SEPARATION	0	0	
SMOKE BARRIERS / PARTITIONS	0	0	
TENANT SEPARATION	0	0	

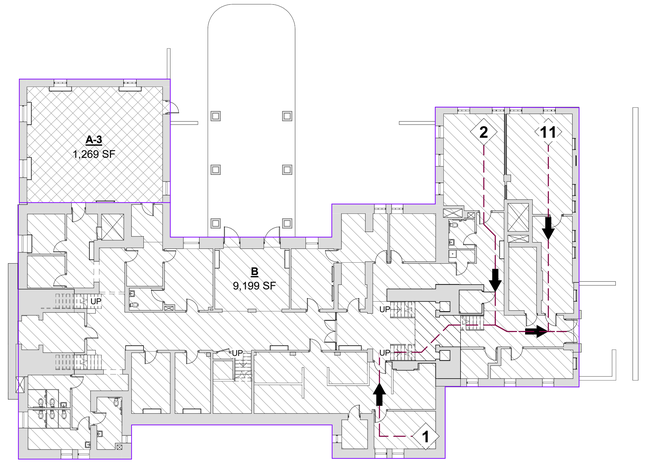
NOTE: ALL EXISTING RATINGS TO BE MAINTAINED OR UPGRADED AS SPECIFIED ABOVE.

PROJECT CODE ASSUMPTIONS:
- PROJECT REVIEWED WITH THE CITY OF YORK BUILDING OFFICIALS ON MARCH 18, 2026 PRIOR TO PERMIT SUBMISSION.
- WORK CLASSIFIED AS A LEVEL 1 ALTERATION UNDER THE EXISTING BUILDING CODE.
- NO CHANGE TO OCCUPANCY CLASSIFICATION OR OCCUPANT LOAD.
- EXISTING MEANS OF EGRESS REMAIN UNCHANGED.
- EXISTING FIRE-RESISTANCE-RATED CONSTRUCTION AND FIRE/LIFE SAFETY SYSTEMS REMAIN WITHOUT MODIFICATION EXCEPT WHERE DIRECTLY AFFECTED BY NEW WORK.
- EXISTING ACCESSIBILITY PROVISIONS REMAIN UNCHANGED EXCEPT WITHIN THE IMMEDIATE SCOPE OF WORK.
- CURRENT ENERGY CODE APPLIES TO THE NEW HVAC SYSTEMS AND ASSOCIATED MECHANICAL, ELECTRICAL, AND CONTROLS WORK.

OCCUPANT LOADS

ROOM/AREA	IBC TABLE 1004.5 FUNCTION OF SPACE	IBC TABLE 1004.5 LOAD FACTOR	AREA	FIXED SEATS	OCCUPANTS
1ST FLOOR					
A-3	ASSEMBLY - FIXED BENCH	18" PER PERSON			
B	BUSINESS	150 GROSS	9,199 SF		62
2ND FLOOR					
A-3	ASSEMBLY - FIXED BOOTHS	24" PER PERSON			
B	BUSINESS	150 GROSS	8,132 SF		55
3RD FLOOR					
A-3	ASSEMBLY - FIXED BOOTHS	24" PER PERSON			
B	BUSINESS	150 GROSS	2,583 SF		18
B	BUSINESS	150 GROSS	3,586 SF		24
4TH FLOOR					
B	BUSINESS	150 GROSS	1,329 SF		9
B	BUSINESS	150 GROSS	1,388 SF		10
TOTAL OCCUPANTS					178

(BAR GRAPHIC IS 4" AT FULL SCALE)
0" 1" 2" 3" 4"

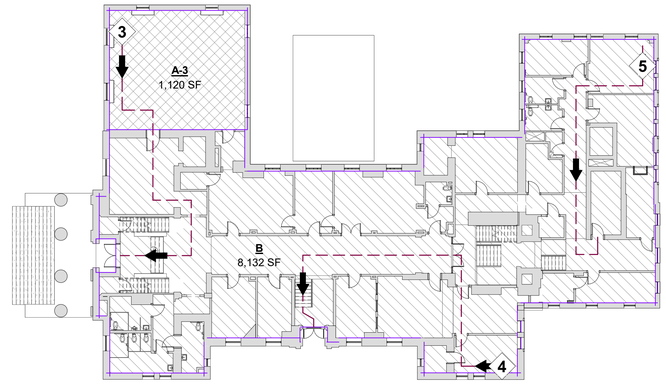


CHAPTER 3 OCCUPANCY

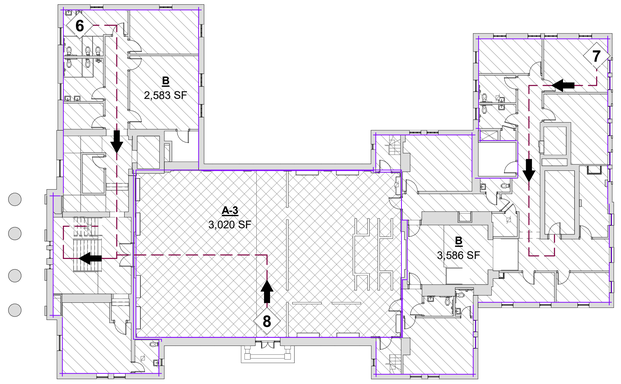
ASSEMBLY - A3

BUSINESS - B

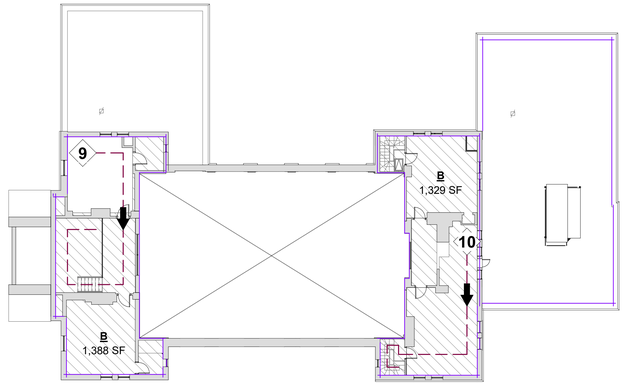
1 LS101 LIFE SAFETY PLAN 1ST FLOOR
1/16" = 1'-0"



2 LS101 LIFE SAFETY PLAN 2ND FLOOR
1/16" = 1'-0"



3 LS101 LIFE SAFETY PLAN 3RD FLOOR
1/16" = 1'-0"



4 LS101 LIFE SAFETY PLAN 4TH FLOOR
1/16" = 1'-0"

TRAVEL DISTANCE

PATH	EXISTING TRAVEL DISTANCE
1	93' - 0"
* 2	72' - 2"
3	91' - 0"
4	93' - 0"
5	137' - 0"
6	122' - 0"
7	162' - 0"
8	109' - 0"
9	119' - 0"
10	216' - 0"
* 11	58' - 4"

* TRAVEL DISTANCES REMAIN AS APPROVED ON THE 2015 LIFE SAFETY PLAN, EXCEPT IN THE BOILER ROOM WHERE FLOOR PLAN MODIFICATIONS HAVE OCCURRED. AN ASTERISK (*) DENOTES NEW OR REVISED TRAVEL DISTANCES.

LIFE SAFETY LEGEND

OCCUPANCY OCCUPANCY TAG
AREA SQUARE FOOTAGE

EXIT PATH AND DIRECTION

1 EXIT PATH NUMBER

EXIT SIGN

1, 2, 3 OR 4 HOUR RATED WALL

STATE OF SOUTH CAROLINA
DP3 ARCHITECTS LTD.
GREENVILLE, SC
B - 84017
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MICHAEL THOMAS PRY
GREENVILLE, SC
04570
REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
CODE REVIEW

DRAWING NO.
LS101

Drawn By: LMG Checked By: MTP

DRAINAGE LEGEND

	EXISTING	PROPOSED
PIPE		
DITCH		
CURB INLET (CI) CATCH BASIN (CB)		
CURB INLET - RIGHT (CI) OR CATCH BASIN - RIGHT (CB)	OR	OR
CURB INLET - LEFT (CI) OR CATCH BASIN - LEFT (CB)	OR	OR
CURB INLET - BOTH (CI) OR CATCH BASIN - BOTH (CB)	OR	OR
CONTROL STRUCTURE (CS)		
DITCH INLET (DI)		
GRATE INLET (GI)		
HOODED INLET (HI)	OR	OR
JUNCTION BOX (JB)		
MANHOLE (SDMH)		
ROLL CURB INLET (RC)		
ROOF INLET (RI)		
VALLEY INLET (VI)		
YARD INLET (YI)		
BEVELED END SECTION (BES)		
END SECTION (ES)		
FLARED END SECTION (FES)		
11-¼° BEND - HORIZONTAL		
22-½° BEND - HORIZONTAL		
45° BEND - HORIZONTAL		
90° BEND - HORIZONTAL		
CLEANOUT		
PLUG		
TEE		
WYE		

ABBREVIATIONS

DBL	DOUBLE		FM	FORCE MAIN (SANITARY SEWER)		OC	ON CENTER		SS	SANITARY SEWER
BOT	BOTTOM		FP	FINISH PAD		PC	POINT OF CURVE		TC	TOP OF CURB
CB	CATCH BASIN		FPW	FIRE PROTECTION		PH	POST HYDRANT		TH	THROAT ELEVATION
CI	CURB INLET		FR	FRAME		PT	POINT OF TANGENT		TG	TOP OF GUTTER
CO	CLEAN OUT		GI	GRATE INLET		PVC	POLYVINYL CHLORIDE		TP	TOP OF PAVEMENT
CPP	CORRUGATED PLASTIC PIPE		GV	GATE VALVE		RCP	REINFORCED CONCRETE PIPE		TW	TOP OF WALK
DBL	DOUBLE		HDPE	HIGH DENSITY POLYETHYLENE		RC	ROLL CURB INLET		TYP	TYPICAL
DI	DITCH INLET		HI	HOODED INLET		RCP	REINFORCED CONCRETE PIPE		VI	VALLEY INLET
DIP	DUCTILE IRON PIPE		INV	INVERT ELEVATION		RI	ROOF INLET		W	WATER
EL	ELEVATION		JB	JUNCTION BOX		RJP	RESTRAINED JOINT PIPE		W/	WITH
ES	END SECTION		LF	LINEAR FEET		R/W	RIGHT-OF-WAY		WV	WATER VALVE
FES	FLARED END SECTION		MAX	MAXIMUM		SD	STORM DRAINAGE		YI	YARD INLET
FG	FINISH GRADE		MIN	MINIMUM		SDMH	STORM DRAINAGE MANHOLE			
FH	FIRE HYDRANT		MH	MANHOLE		SF	SQUARE FEET			

SEWER LEGEND

	EXISTING	PROPOSED
GRAVITY PIPE	SS	
SINGLE SERVICE LATERAL		
DOUBLE SERVICE LATERAL		
DROP MANHOLE (DMH)		
MANHOLE (MH)		
CLEANOUT (CO)		
FORCEMAIN	10"FM	10"FM
AIR RELEASE VALVE (ARV)		
CHECK VALVE (CV)		
PLUG VALVE AND BOX (PV)		
FLUSH HYDRANT		
PUMP CONNECTION (PC)		
REDUCER		
TRACER WIRE ACCESS BOX (TWAB)		
CROSS		
TEE		
TAPPING SLEEVE (TS)		
90° BEND HORIZONTAL		
45° BEND HORIZONTAL		
22-½° BEND HORIZONTAL		
11-¼° BEND HORIZONTAL		
BEND VERTICAL		
PLUG \ CAP		

WATER LEGEND

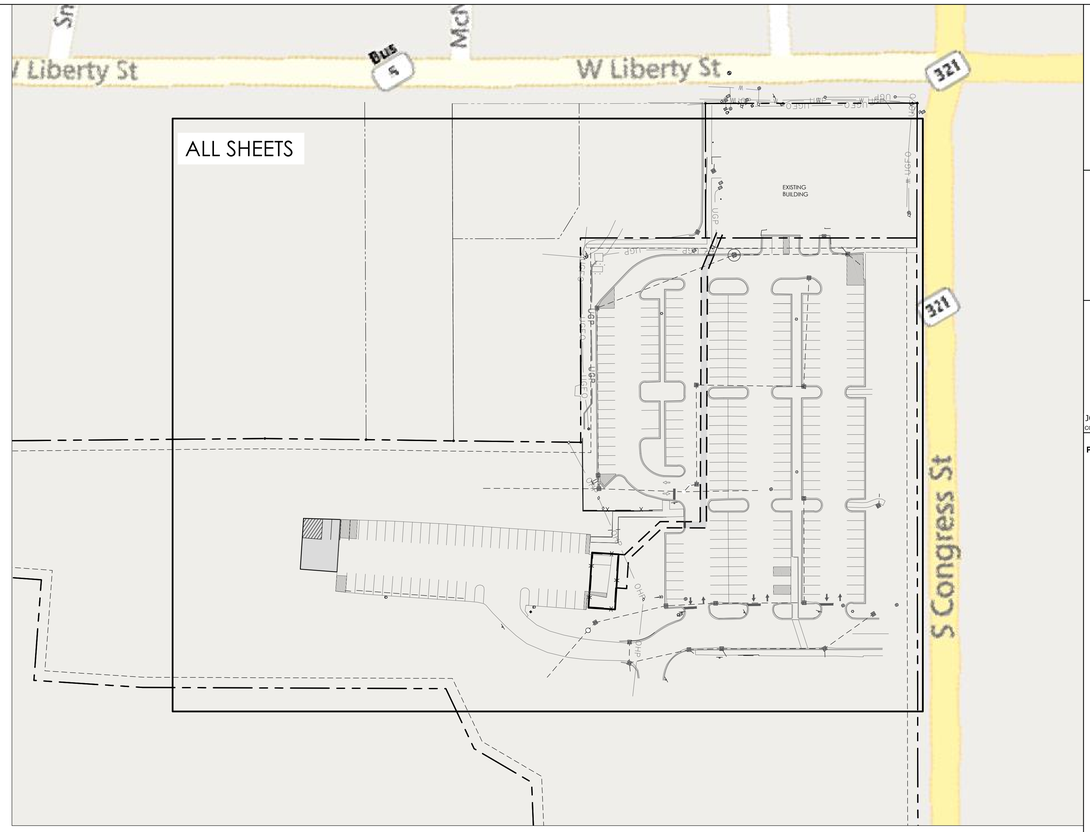
	EXISTING	PROPOSED
FIRE PROTECTION	10"FPW	10"FPW
WATER MAIN	10"W	10"W
SINGLE SERVICE LATERAL		
DOUBLE SERVICE LATERAL		
BUTTERFLY VALVE (BV)		
DOUBLE CHECK DETECTOR ASSEMBLY (DCDA)		
GATE VALVE AND BOX (GV)		
POST INDICATOR VALVE (PIV)		
TAPPING SLEEVE AND VALVE (TSV)		
REDUCED PRESSURE ZONE BACKFLOW (RPZ)		

WATER LEGEND

	EXISTING	PROPOSED
WATER METER (WM)		
TRACER WIRE ACCESS BOX (TWAB)		
FIRE HYDRANT W/TEE, VALVE & BOX (FHA)		
POST HYDRANT (PH)		
REDUCER		
CROSS		
TEE		
90° BEND - HORIZONTAL		
45° BEND - HORIZONTAL		
22-½° BEND - HORIZONTAL		
11-¼° BEND - HORIZONTAL		
BEND - VERTICAL		
CAP		

OTHER UTILITIES LEGEND

	EXISTING
NATURAL GAS	UGG
TELEPHONE	OHT
UNDERGROUND TELEPHONE	UTL
ELECTRICITY	OHP
UNDERGROUND ELECTRICITY	UGP



INDEX

SCALE: 1" = 60'

GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER 48 HOURS IN ADVANCE OF ALL REQUIRED TESTS AND INSPECTIONS.
2. THE CONTRACTOR WILL NOTIFY THE ENGINEER IF UNSUITABLE MATERIAL IS DISCOVERED PRIOR TO BEGINNING ANY REMOVAL OPERATION.
3. SURVEYING AND BOUNDARY INFORMATION BY THOMAS AND HUTTON
4. ALL ELEVATIONS SHOWN ARE BASED ON NAVD88.
5. TOPOGRAPHIC SURVEY BY THOMAS AND HUTTON.
6. CONTRACTOR IS TO VERIFY ACCURACY OF ANY TEMPORARY BENCHMARKS SHOWN PRIOR TO UTILIZING THEM FOR CONSTRUCTION.
7. THE EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE BASED UPON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES OTHER THAN THOSE SHOWN ARE ENCOUNTERED DURING CONSTRUCTION , THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND TAKE STEPS TO PROTECT THE LINE(S) AND ENSURE CONTINUED SERVICE. DAMAGE CAUSED TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR. ADDITIONALLY, THE CONTRACTOR SHALL CONFIRM THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING NEW CONSTRUCTION.
8. IF WORK IS SUSPENDED OR DELAYED FOR 14 DAYS, THE CONTRACTOR SHALL TEMPORARILY STABILIZE THE DISTURBED AREA AT NO ADDITIONAL COST TO THE OWNER.
9. THE CONTRACTOR SHALL INSTALL ANY BARRICADES PRIOR TO BEGINNING CONSTRUCTION
10. THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL AND PREVENTION STRUCTURES SHOWN ON THE PLANS. BOTH MUST BE APPROVED BY SCDES PRIOR TO BEGINNING ANY LAND DISTURBING ACTIVITIES.
11. CONTRACTOR WILL BE REQUIRED TO ADJUST MANHOLE FRAMES TO MATCH FINAL GRADE AT NO ADDITIONAL COST.
12. THE FOLLOWING NOTES ARE SPECIFIED BY THE SOUTH CAROLINA DEPARTMENT OF ENVIRONMENTAL SERVICES (SCDES) AND ARE TO BE EXECUTED BY THE CONTRACTOR:
    a. ALL SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES OF PRECIPITATION DURING ANY 24-HOUR PERIOD. ALL SEDIMENT CONTROL FEATURES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION HAS BEEN OBTAINED.
    b. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED, UNLESS ACTIVITY IN THAT PORTION OF THE SITE WILL RESUME WITHIN 14 DAYS.
13. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE CONSTRUCTED SIMULTANEOUSLY WITH THE DISTURBANCE OF THE LAND AND SHALL REMAIN FUNCTIONAL UNTIL THE CONTRIBUTING DISTURBED AREAS ARE STABILIZED. SILT BARRIERS WILL BE INSTALLED AS NECESSARY TO PREVENT EXCESSIVE SEDIMENTATION OF DOWNSTREAM AREAS. DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL OF "EROSION AND SEDIMENT CONTROL PRACTICES FOR DEVELOPING AREAS" BY THE S.C. LAND RESOURCES CONSERVATION COMMISSION.
14. CONTRACTOR SHALL GRADE AREAS TO DRAIN FOR POSITIVE FLOW PRIOR TO FINAL APPROVAL.
15. ALL AREAS DISTURBED WILL BE GRASSED IMMEDIATELY AFTER THE INSTALLATION. GRASSING SHALL BE IN ACCORDANCE WITH SECTION 810 OF THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION CURRENT EDITION. PAYMENT SHALL BE AS SHOWN IN THE BID FORM AND SHALL BE COMPENSATION FOR ALL NECESSARY WORK AND MATERIALS TO COMPLETE THE SEEDING IN ACCORDANCE WITH THESE SPECIFICATIONS. (SEE SPECIFICATIONS BELOW)
16. ALL DRAINAGE WILL BE MADE FUNCTIONAL DAILY AS WORK PROGRESSES.
17. EACH EXISTING ROAD WILL BE CLEANED UP AND RESTORED DAILY.
18. NEW PAVEMENT TO BE FLUSH WITH EDGE OF EXISTING PAVEMENT.
19. ALL PARKING LOT WORK (TRENCHING, DEMOLITION, PAVING, ETC.) TO OCCUR DURING NON BUSINESS HOURS. CONTRACTOR TO COORDINATE WITH OWNER FOR SEQUENCING/PHASING TO REOPEN DURING BUSINESS HOURS.

GENERAL INFORMATION

COUNTY	YORK
TOWN	YORK
ZONING	B-1

OWNER:
YORK COUNTY
PO BOX 66 YORK, SC 29745

ENGINEER:
THOMAS & HUTTON
220 NORTH MAIN STREET, SUITE 402
GREENVILLE, SC 29601
864.412.2222

SURVEYOR: THOMAS & HUTTON
220 NORTH MAIN STREET, SUITE 402
GREENVILLE, SC 29601
864.412.2222

Sheet List Table

Sheet Number	Sheet Title
C101	GENERAL NOTES AND INDEX
C102	EXISTING CONDITIONS AND DEMOLITION PLAN
C103	SITE PLAN
C104	EROSION CONTROL NOTES
C105	EROSION CONTROL NOTES
C106	EROSION CONTROL PLAN
C107	EROSION CONTROL DETAILS
C108	EROSION CONTROL DETAILS
C109	PAVING, GRADING AND DRAINAGE PLAN
C110	PAVING, GRADING AND DRAINAGE DETAILS

(BAR GRAPHIC IS 4" AT FULL SCALE)

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 29580 RYAN W. PAGE

SOUTH CAROLINA THOMAS & HUTTON ENGINEERING CO. No. C00285 CERTIFICATE OF AUTHORIZATION

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

THOMAS & HUTTON
220 North Main Street • Suite 402
Greenville, SC 29601 • 864.412.2222
www.thomasandhutton.com

JOB NO: 33869.0000
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	01 JUL 2026	ISSUE FOR PERMIT & BID

GRAPHIC SCALE:
1 INCH = 60

DRAWING NAME
GENERAL NOTES AND INDEX

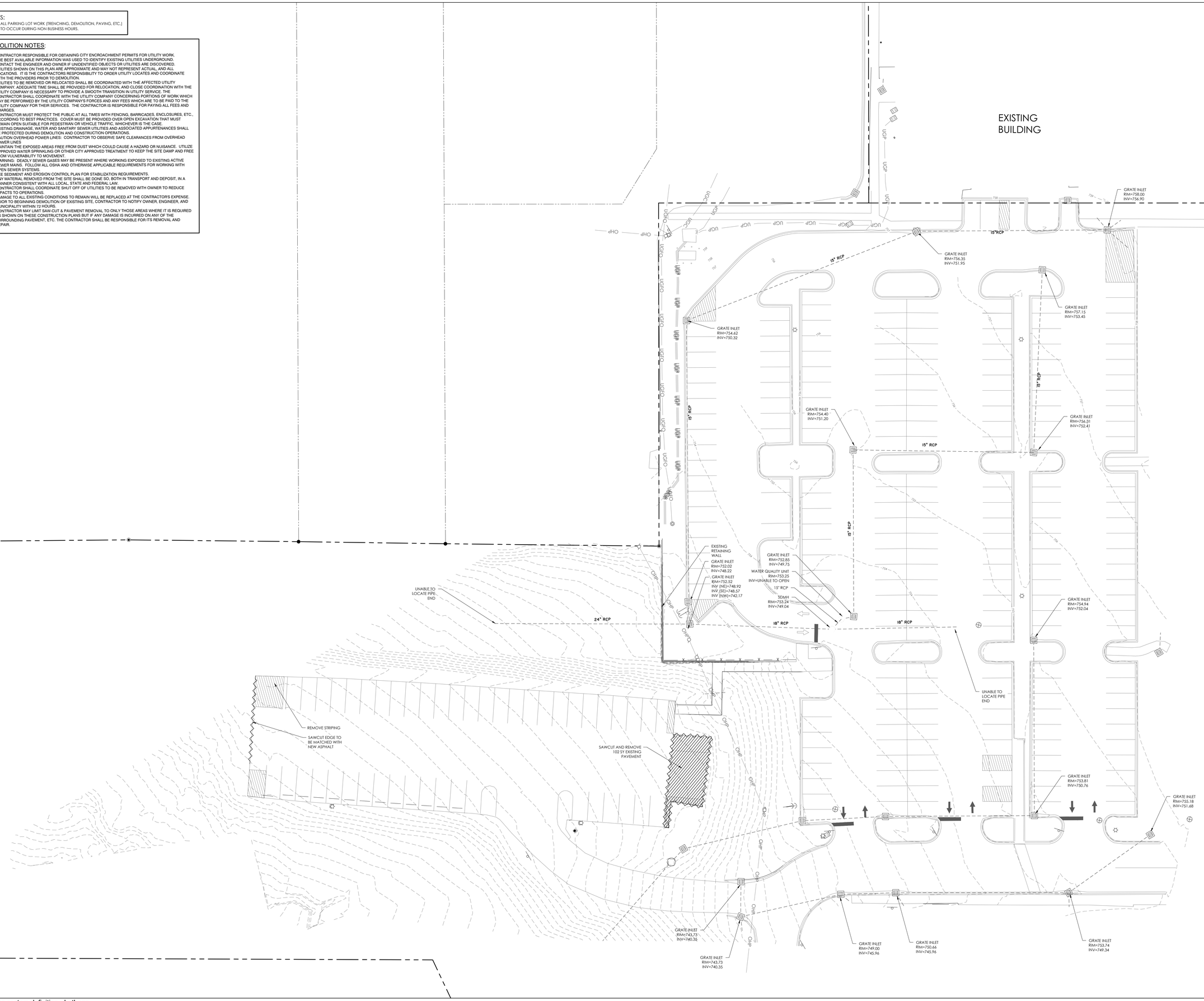
DRAWING NO.
C101

DRAWN BY: RKL CHECKED BY: APF

NOTES:
1. ALL PARKING LOT WORK (TRENCHING, DEMOLITION, PAVING, ETC.) TO OCCUR DURING NON BUSINESS HOURS.

DEMOLITION NOTES:

1. CONTRACTOR RESPONSIBLE FOR OBTAINING CITY ENCROACHMENT PERMITS FOR UTILITY WORK.
2. THE BEST AVAILABLE INFORMATION WAS USED TO IDENTIFY EXISTING UTILITIES UNDERGROUND. CONTACT THE ENGINEER AND OWNER IF UNIDENTIFIED OBJECTS OR UTILITIES ARE DISCOVERED.
3. UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND MAY NOT REPRESENT ACTUAL, AND ALL LOCATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO ORDER UTILITY LOCATES AND COORDINATE WITH THE PROVIDERS PRIOR TO DEMOLITION.
4. UTILITIES TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION, AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
5. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC., ACCORDING TO BEST PRACTICES. COVER MUST BE PROVIDED OVER OPEN EXCAVATION THAT MUST REMAIN OPEN SUITABLE FOR PEDESTRIAN OR VEHICLE TRAFFIC, WHICHEVER IS THE CASE.
6. EXISTING DRAINAGE, WATER AND SANITARY SEWER UTILITIES AND ASSOCIATED APPURTENANCES SHALL BE PROTECTED DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
7. CAUTION OVERHEAD POWER LINES: CONTRACTOR TO OBSERVE SAFE CLEARANCES FROM OVERHEAD POWER LINES
8. MAINTAIN THE EXPOSED AREAS FREE FROM DUST WHICH COULD CAUSE A HAZARD OR NUISANCE. UTILIZE APPROVED WATER SPRINKLING OR OTHER CITY APPROVED TREATMENT TO KEEP THE SITE DAMP AND FREE FROM VULNERABILITY TO MOVEMENT.
9. WARNING: DEADLY SEWER GASES MAY BE PRESENT WHERE WORKING EXPOSED TO EXISTING ACTIVE SEWER MAINS. FOLLOW ALL OSHA AND OTHERWISE APPLICABLE REQUIREMENTS FOR WORKING WITH OPEN SEWER SYSTEMS.
10. SEE SEDIMENT AND EROSION CONTROL PLAN FOR STABILIZATION REQUIREMENTS.
11. ANY MATERIAL REMOVED FROM THE SITE SHALL BE DONE SO, BOTH IN TRANSPORT AND DEPOSIT, IN A MANNER CONSISTENT WITH ALL LOCAL, STATE AND FEDERAL LAW.
12. CONTRACTOR SHALL COORDINATE SHUT OFF OF UTILITIES TO BE REMOVED WITH OWNER TO REDUCE IMPACTS TO OPERATIONS.
13. DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
14. PRIOR TO BEGINNING DEMOLITION OF EXISTING SITE, CONTRACTOR TO NOTIFY OWNER, ENGINEER, AND MUNICIPALITY WITHIN 72 HOURS.
15. CONTRACTOR MAY LIMIT SAW-CUT & PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR.



(BAR GRAPHIC IS 4" AT FULL SCALE)

Reference system definition - LatLong

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 29580 RYAN W. PAGE

SOUTH CAROLINA THOMAS & HUTTON ENGINEERING CO. No. C00285 CERTIFICATE OF AUTHORIZATION

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

THOMAS & HUTTON
220 North Main Steet • Suite 402
Greenville, SC 29601 • 864.412.2222
www.thomasandhutton.com

JOB NO: 33869.0000
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	01 JUL 2026	ISSUE FOR PERMIT & BID

GRAPHIC SCALE: 1 INCH = 20

DRAWING NAME
EXISTING CONDITIONS AND DEMOLITION PLAN

DRAWING NO.
C102

DRAWN BY: RKL CHECKED BY: APF

LEGEND:

- LIGHT DUTY ASPHALT PAVING
- CONCRETE SIDEWALKS

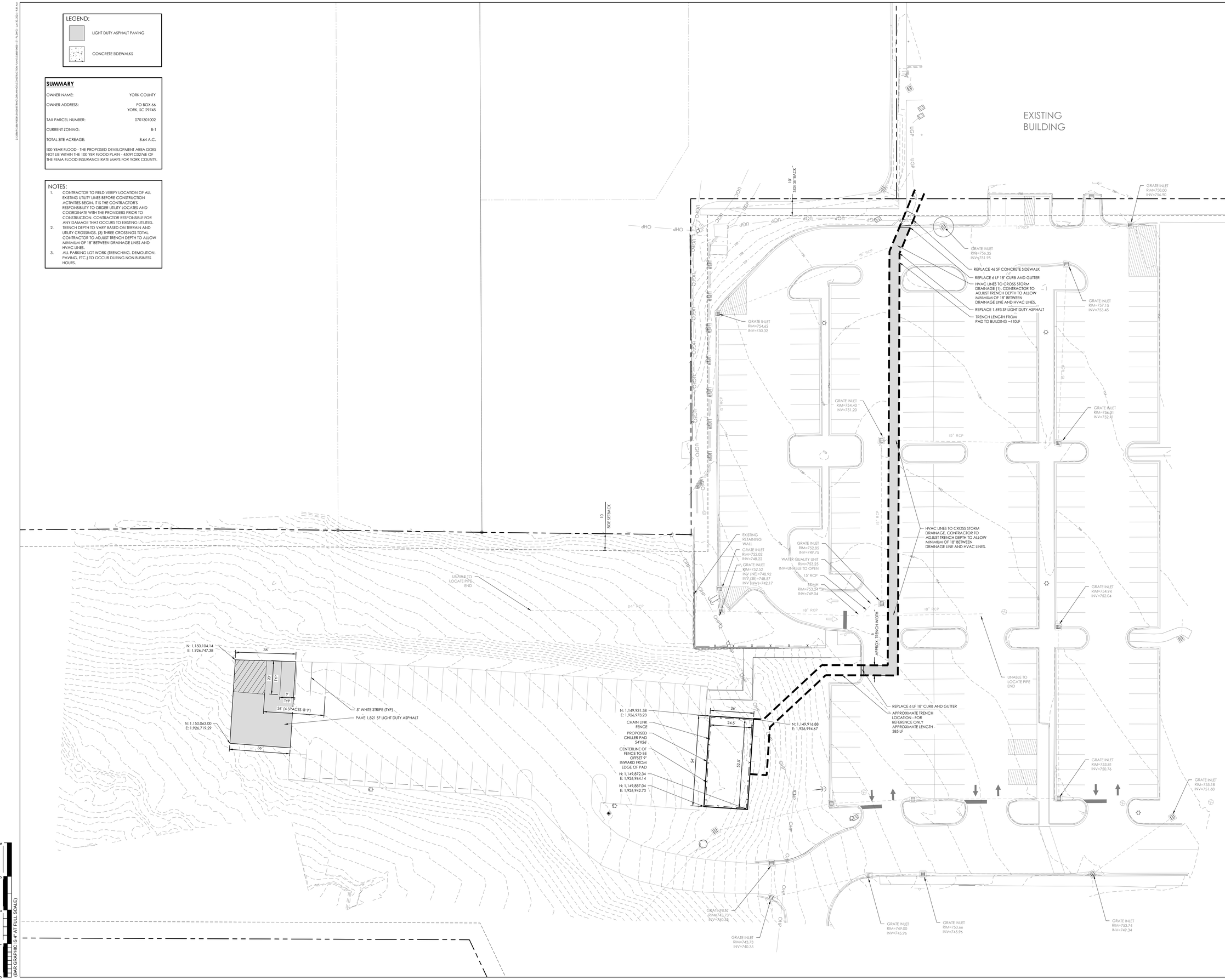
SUMMARY

OWNER NAME:	YORK COUNTY
OWNER ADDRESS:	PO BOX 66 YORK, SC 29745
TAX PARCEL NUMBER:	0701301002
CURRENT ZONING:	B-1
TOTAL SITE ACREAGE:	8.64 A.C.

100 YEAR FLOOD - THE PROPOSED DEVELOPMENT AREA DOES NOT LIE WITHIN THE 100 YER FLOOD PLAIN - 45091C0276E OF THE FEMA FLOOD INSURANCE RATE MAPS FOR YORK COUNTY.

NOTES:

1. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING UTILITY LINES BEFORE CONSTRUCTION ACTIVITIES BEGIN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ORDER UTILITY LOCATES AND COORDINATE WITH THE PROVIDERS PRIOR TO CONSTRUCTION. CONTRACTOR RESPONSIBLE FOR ANY DAMAGE THAT OCCURS TO EXISTING UTILITIES.
2. TRENCH DEPTH TO VARY BASED ON TERRAIN AND UTILITY CROSSINGS. (3) THREE CROSSINGS TOTAL. CONTRACTOR TO ADJUST TRENCH DEPTH TO ALLOW MINIMUM OF 18" BETWEEN DRAINAGE LINES AND HVAC LINES.
3. ALL PARKING LOT WORK (TRENCHING, DEMOLITION, PAVING, ETC.) TO OCCUR DURING NON BUSINESS HOURS.



(BAR GRAPHIC IS 4" AT FULL SCALE)

GRAPHIC SCALE: 1 INCH = 20

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 29580 RYAN W. PAGE

SOUTH CAROLINA THOMAS & HUTTON ENGINEERING CO. No. C00285 CERTIFICATE OF AUTHORIZATION

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

THOMAS & HUTTON
220 North Main Steet • Suite 402
Greenville, SC 29601 • 864.412.2222
www.thomasandhutton.com

JOB NO: 33869.0000
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	01 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
SITE PLAN

DRAWING NO.
C103

DRAWN BY: RKL CHECKED BY: APF

Z:\33869\33869.0000\ENGINEERING\DRAWINGS\CONSTRUCTION PLANS\33869.0000 - EC - NT - DT.DWG - Jun 30, 2026 - 9:31 AM

I. SITE DESCRIPTION

A. PROJECT DESCRIPTION

A.1. PROJECT AREA 8.7 ACRES
A.2. AREA DISTURBED 0.3 ACRES

B. DESCRIPTION OF CONSTRUCTION ACTIVITY

WORK CONSISTS OF A HVAC REPLACEMENT, INCLUDING A NEW CHILLER PAD AND ASSOCIATED UTILITY LINES.

C. RUNOFF DATA

C.1. SOIL CLASSIFICATIONS: (HSG) B,D
LAND USE(S): IMPERVIOUS, OPEN SPACE

D. RECEIVING WATERS

D.1. CLOSEST RECEIVING WATERS: UNNAMED TRIBUTARY
D.2. ULTIMATE RECEIVING WATERS: ROSS BRANCH

E. FLOOD

E.1. FEMA FLOOD ZONE(S): ZONE X
E.2. FEMA FLOOD INSURANCE MAP(S): 45091C0276E

II. CONTROL MEASURES

1. EROSION AND SEDIMENT CONTROLS

PRIOR TO START OF CONSTRUCTION, ALL EXTERIOR SILT FENCE WILL BE INSTALLED AS SHOWN ON THE PLANS.

1.1. CLEARING

1.1.1. AS CLEARING IS COMPLETED, ADDITIONAL SILT FENCE WILL BE INSTALLED WHERE NECESSARY, SUCH AS POINTS WHERE FLOWS BECOME CHANNELIZED, AND OTHER POINTS WHERE EXCESSIVE RUNOFF VELOCITIES MAY OCCUR.
1.1.2. INSTALL CONSTRUCTION ENTRANCES / EXITS BEFORE BEGINNING CLEARING
1.1.3. CONSTRUCTION DELAYS IN ANY ONE AREA GREATER THAN 14 DAYS PRIOR TO START OF ROUGH GRADING WILL MANDATE STABILIZATION PROCEDURES. ACCEPTABLE METHODS OF STABILIZATION INCLUDE MULCHING AND TEMPORARY SEEDING.
1.1.4. MAINTAIN EXISTING VEGETATION WHENEVER POSSIBLE AND MINIMIZE THE AREA OF DISTURBANCE. RETAIN AND PROTECT TREES TO ENHANCE FUTURE LANDSCAPING EFFORTS AND REDUCE RAINDROP IMPACT.
1.1.5. INSTALL ALL SEDIMENT CONTROL PRACTICES PRIOR TO ANY UP-SLOPE SOIL DISTURBING ACTIVITIES.
1.1.6. PHASE CONSTRUCTION ACTIVITIES TO MINIMIZE THE AREAS DISTURBED AT ONE TIME. THIS WILL ALSO ALLOW COMPLETED AREAS TO BE STABILIZED AND RE-VEGETATED BEFORE DISTURBING ADJACENT SITES. THE NEED FOR TEMPORARY EROSION CONTROL MEASURES MAY BE AVOIDED BY COMPLETING A PHASE AND INSTALLING PERMANENT EROSION CONTROL MEASURES WHEN THE FINAL GRADE IS ATTAINED.
1.1.7. MAINTAIN AND PROTECT ALL NATURAL WATERWAYS. RETAIN AT LEAST A 35-FOOT UNDISTURBED BUFFER OF NATURAL VEGETATION ALONG ALL WATERWAYS TO FILTER OUT SEDIMENT AND OTHER POLLUTANTS. MAINTAIN A 45-FOOT UNDISTURBED BUFFER AROUND SENSITIVE WATERS.
1.1.8. INSTALL SILT FENCE (OR BIO ROLLS/ROCK SOCK PRODUCTS) ON THE DOWN-SLOPE PERIMETER OF ALL DISTURBED AREAS PRIOR TO ANY SOIL DISTURBING ACTIVITIES (INCLUDING CLEARING AND GRUBBING). SILT FENCE CAN TREAT A MAXIMUM OF 100 SQUARE FEET PER LINEAL FOOT OF FENCE. INSTALL SILT FENCE IN SHORTER REACHES ON THE CONTOUR WITH EACH END TURNED UP-SLOPE . SWALES AND SHORELAND AREAS SHOULD ALSO BE PROTECTED WITH SILT FENCE, BIO ROLLS, OR ROCK SOCKS.
1.1.9. IN AREAS OF CONCENTRATED FLOW INSTALL STRAW BALE CHECKS, ROCK CHECK DAMS, TRIANGULAR DIKES, BIO ROLL BLANKETS, OR ROCK SOCKS TO SLOW RUNOFF AND TRAP SEDIMENT.

1.1.10. USE TEMPORARY SLOPE DRAINS OR ROCK CHUTES TO MOVE WATER DOWN STEEP SLOPES.

1.1.11. CONSTRUCT SEDIMENT BASINS FOR DRAINAGE AREAS GREATER THAN 10 ACRES

1.2. ROUGH GRADING

1.2.1. ALL EXISTING CONTROLS WILL BE MAINTAINED DURING ROUGH GRADING, DELAYS OF GREATER THAN 14 DAYS PRIOR TO START OF NEXT ACTIVITY WILL MANDATE STABILIZATION PROCEDURES. ACCEPTABLE METHODS OF STABILIZATION INCLUDE MULCHING AND TEMPORARY SEEDING.
1.2.2. ALL AREAS NOT SUBJECT TO FURTHER CONSTRUCTION (DRAINAGE, SANITARY SEWER, ROADS, WATER DISTRIBUTION SYSTEMS, OR STORM WATER FACILITIES) SHALL BE GRASSED WITH A PERMANENT COVER.
1.2.3. COVER ANY STOCK PILED TOPSOIL WITH PLASTIC (OR OTHER IMPERVIOUS COVERING) OR USE A TEMPORARY SEED MIX. USE STOCKPILED TOPSOIL AS EARTHEN BERMS TO SERVE AS TEMPORARY SEDIMENT BASINS.

1.3. DRAINAGE

1.3.1. ALL EXISTING CONTROLS WILL BE MAINTAINED DURING DRAINAGE INSTALLATION.
1.3.2. CONSTRUCTION DRAINAGE WILL BE ROUTED THROUGH LAKES, WHICH WILL ACT AS SEDIMENT BASINS OR OTHER ACCEPTABLE SEDIMENT BASINS/TRAPS.
1.3.3. STORM DRAIN INLET PROTECTION AS SHOWN ON DETAIL SHEET SHALL BE INSTALLED ON ALL CURB INLETS, STORM DRAIN MANHOLES, JUNCTION BOXES, AND GRATE INLETS.
1.3.4. DELAYS OF GREATER THAN 14 DAYS PRIOR TO START OF THE NEXT CONSTRUCTION SEQUENCE WILL MANDATE STABILIZATION PROCEDURES. ACCEPTABLE METHODS OF STABILIZATION INCLUDE MULCHING AND TEMPORARY SEEDING.
1.3.5. ALL STORM LINES NOT IN STREETS OR OTHER PAVED AREAS ARE TO BE MULCHED AND SEEDED WITHIN 5 DAYS AFTER BACKFILL.

1.4. WASTE DISTRIBUTION SYSTEM INSTALLATION

1.4.1. ALL EXISTING CONTROLS WILL BE MAINTAINED DURING INSTALLATION OF THE WATER DISTRIBUTION SYSTEM.
1.4.2. DELAYS OF GREATER THAN 14 DAYS PRIOR TO START OF NEXT ACTIVITY WILL MANDATE STABILIZATION PROCEDURES. ACCEPTABLE METHODS OF STABILIZATION INCLUDE MULCHING AND TEMPORARY SEEDING.

1.5. WASTEWATER COLLECTION SYSTEM INSTALLATION

1.5.1. ALL EXISTING CONTROLS WILL BE MAINTAINED DURING INSTALLATION OF THE WASTEWATER SYSTEM.
1.5.2. DELAYS OF GREATER THAN 14 DAYS PRIOR TO START OF NEXT ACTIVITY WILL MANDATE STABILIZATION PROCEDURES. ACCEPTABLE METHODS OF STABILIZATION INCLUDE MULCHING AND TEMPORARY SEEDING.

1.6. CONSTRUCTION OF ROADS

1.6.1. ALL EXISTING CONTROLS WILL BE MAINTAINED DURING ROAD CONSTRUCTION.
1.6.2. DELAYS OF GREATER THAN 14 DAYS PRIOR TO START OF NEXT ACTIVITY WILL MANDATE STABILIZATION PROCEDURES. ACCEPTABLE METHODS OF STABILIZATION INCLUDE MULCHING AND TEMPORARY SEEDING.

1.7. GRASSING

1.7.1. ALL EXISTING CONTROLS WILL BE MAINTAINED UNTIL GRASSING IS ESTABLISHED
1.7.2. ANY AREAS THAT ERODE OR WHERE GRASS DOES NOT ESTABLISH ITSELF SHALL BE RE-GRADED AND RE-GRASSED.

2. STORM WATER MANAGEMENT

RUNOFF FROM THIS PROJECT WILL DISCHARGE INTO A STORM WATER MANAGEMENT SYSTEM. TREATMENT WILL OCCUR IN STORM WATER DETENTION PONDS.

3. OTHER CONTROLS

3.1. WASTE DISPOSAL

3.1.1. NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED TO ANY RECEIVING WATERS.
3.1.2. OFFSITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED.
3.1.3. THIS PLAN SHALL COMPLY WITH STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.
3.1.4. DUST CONTROL ON DISTURBED AREAS - CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITE AND HAUL ROUTES. THE PURPOSE OF THE MEASURE IS TO REDUCE THE PRESENCE OF AIRBORNE SUBSTANCES, WHICH MAY BE HARMFUL OR INJURIOUS TO HUMAN HEALTH, WELFARE OR SAFETY, OR TO ANIMALS OR PLANT LIFE.

III. MAINTENANCE

1. MAINTENANCE PROGRAM
1.1. THE SITE SUPERINTENDENT, OR HIS/HER REPRESENTATIVE, SHALL MAKE VISUAL INSPECTIONS OF ALL MECHANICAL CONTROLS AND NEWLY STABILIZED AREAS (I.E. SEEDED AND MULCHED AND/OR SODDED AREAS) ON A DAILY BASIS; ESPECIALLY AFTER HEAVY RAINFALL EVENT TO INSURE THAT ALL CONTROLS ARE MAINTAINED AND PROPERLY FUNCTIONING. ANY DAMAGED CONTROLS SHALL BE REPAIRED PRIOR TO THE END OF THE WORK DAY INCLUDING RE-SEEDING AND MULCHING OR RE-SODDING IF NECESSARY.

1.2. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE. ALL DRAINAGE SWALES, POCKETS, DEPRESSION, LOW LINES, AND OUTLET DITCHES SHALL DRAIN EFFECTIVELY AT ALL TIMES. SETTLEMENT OR WASHING THAT MAY OCCUR SHALL BE REPAIRED BY THE CONTRACTOR. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT REACHES 1/3 THE HEIGHT OF THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN AN EFFECTIVE BARRIER. MAINTAIN THE CONSTRUCTION EXIT IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE. IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TACKED ONTO PUBLIC ROADWAYS. RESEED AND MULCH AREA WHERE SEEDING EMERGENCE IS POOR, OR WHERE EROSION OCCURS. PROTECT FROM TRAFFIC AS MUCH AS POSSIBLE. INSPECT ALL MULCHES PERIODICALLY, AND AFTER RAINSTORMS TO CHECK FOR EROSION, DISLOCATION OR FAILURE. IF WASHOUT OCCURS, REPAIR THE SLOPE GRADE, RESEED AND REINSTALL MULCH. FOLLOW THE CONSTRUCTION SEQUENCE THROUGHOUT THE PROJECT DEVELOPMENT. WHEN CHANGES IN CONSTRUCTION ACTIVITIES ARE NEEDED, AMEND THE SEQUENCE SCHEDULE IN ADVANCE TO MAINTAIN MANAGEMENT CONTROL. IF MAJOR CHANGES ARE NECESSARY, SEND A COPY OF THE MODIFIED SCHEDULE TO THE ENGINEER, SEDIMENT AND EROSION CONTROL MEASURES WILL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE DISTURBED AREAS ARE STABILIZED.

2. SILT FENCE

SILT FENCES WILL BE MONITORED DURING CONSTRUCTION. ANY SILT FENCE WHICH IS NOT FUNCTIONING PROPERLY WILL BE PROMPTLY REPAIRED. CLEAN OUT THE SILT FENCE WHEN IT REACHES 1/3 THE HEIGHT OF THE FENCE OR REPLACE WITH FUNCTIONAL SILT FENCE WITHIN 24 HOURS. USE OF HOSES AND WATER TO FLUSH THE SEDIMENT INTO THE STORM INLETS IS UNACCEPTABLE.

3. SEDIMENTATION BASINS

SEDIMENTATION BASINS WHICH ARE AT 50% USED CAPACITY OR APPROACHING SUCH CAPACITY SHALL BE RE-EXCAVATED TO ORIGINAL DIMENSIONS AND THE SILT PROPERLY DISPOSED OF.

4. SEDIMENT LOGS/ROLLS

SEDIMENT LOGS/ROLLS OR OTHER CONTROL MEASURES WHICH BEGIN TO DISINTEGRATE OR FUNCTION INEFFECTIVELY SHALL BE PROMPTLY REPLACED.

5. VEGETATION COVER

ANY VEGETATION COVER SERVING TO STABILIZE DISTURBED SOILS WHICH IS ITSELF DISTURBED SHALL IMMEDIATELY BE REPLACED.

6. CONSTRUCTION ENTRANCE

MAINTAIN ROCK CONSTRUCTION ENTRANCE AND CLEAN ADJACENT ROADS OF ANY MUD TRACKED ONTO THEM.

IV. INSPECTIONS

1. QUALIFIED PERSONNEL WILL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE, AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS. WHERE SITES HAVE BEEN FINALLY STABILIZED SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH DURING THE WARRANTY PERIOD.

2. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING.

3. A WRITTEN REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, WEATHER INFORMATION FOR THE PERIOD SINCE THE LAST INSPECTION (OR SINCE COMMENCEMENT OF CONSTRUCTION ACTIVITY) INCLUDING A BEST ESTIMATE OF THE BEGINNING OF EACH STORM EVENT, DURATION OF EACH STORM EVENT, APPROXIMATE AMOUNT OF RAINFALL FOR EACH STORM EVENT (IN INCHES) AND WHETHER ANY DISCHARGES OCCURRED, LOCATION(S) OF DISCHARGES OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE, LOCATION(S) OF BMP'S THAT NEED MAINTENANCE, LOCATION(S) OF BMP'S THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION, LOCATION(S) WHERE ADDITIONAL BMP'S ARE NEEDED THAT DID NOT EXIST AT THE TIME OF INSPECTION AND ANY CORRECTIVE ACTION REQUIRED INCLUDING ANY CHANGES TO SWPPP NECESSARY AND IMPLEMENTATION DATES.

4. THE REPORT SHALL BE MAINTAINED AT LEAST THREE YEARS FROM THE DATE THE SITE IS FINALLY STABILIZED. THE REPORT MUST BE SIGNED AND SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN AND THE NPDES PERMIT REFERENCED ABOVE. THE CONTRACTOR SHALL MAINTAIN THIS REPORT. THE REPORT SHALL BE SUBMITTED TO THE ENGINEER AND OWNER.

V. LONG TERM MAINTENANCE OF DRAINAGE AND STORM WATER MANAGEMENT SYSTEM

THE ROADS AND DRAINAGE SYSTEM WILL BE OWNED AND MAINTAINED BY CITY OF YORK AFTER CONSTRUCTION IS COMPLETE.

VI. SC DES STANDARD NOTES

1. IF NECESSARY, SLOPES WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO GRASSING / HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.

2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW:

2.1. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
2.2. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.

3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN USED INAPPROPRIATELY, OR INCORRECTLY, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.

4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED INTO ANY WATERS OF THE STATE.

5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.

6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO THE PAVED ROADWAY FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT AS MAY BE REQUIRED.

7. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 AND SCR100000.

8. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.

9. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN NOT BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS

10. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.

11. A COPY OF THE SWPPP, INSPECTION RECORDS AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.

12. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.

13. MINIMIZE SOIL COMPACTION IN AREAS NOT UNDER PAVEMENTS AND /OR STRUCTURES AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.

14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUAL OR BETTER TREATMENT PRIOR TO DISCHARGE.

15. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).

16. THE FOLLOWING DISCHARGES ARE PROHIBITED:

16.1. WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
16.2. WASTEWATER FROM WASHOUT AND CLEANOUT OF OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
16.3. FUELS, OILS OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
16.4. SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.

17. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.

18. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF PERMIT SCR100000 AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.

19. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE, THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

VII. EROSION, SEDIMENTATION & POLLUTION CONTROL NOTES

1. THE IMPLEMENTATION OF THESE EROSION SEDIMENT CONTROL (ESC) PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.

2. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.

3. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE.

4. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.

5. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 24 HOURS FOLLOWING A MAJOR STORM EVENT.

6. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING AND PRIOR TO FINAL INSPECTION. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.

7. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.

8. BEFORE COMMENCING ANY LAND DISTURBING ACTIVITY, THE EXISTING STORM WATER INLET(S) THAT RECEIVING RUNOFF FROM THE PROPOSED WORK AREA SHALL BE PROTECTED. THE TEMPORARY INLET PROTECTION MUST REMAIN IN PLACE UNTIL THE CONSTRUCTION ACTIVITY IS COMPLETED, THE STREET HAS BEEN SWEPT AND ANY EXPOSED SOILS ARE STABILIZED. THE CONTRACTOR IS ALSO RESPONSIBLE FOR REMOVING ANY TEMPORARY INLET PROTECTION INSTALLED; AFTER ALL DISTURBED AREAS ARE STABILIZED. TEMPORARY PROTECTION OF THE INLETS MAY BE ACCOMPLISHED BY ONE OR MORE OF THE FOLLOWING:

8.1. USE OF GRAVEL BAGS TO FILTER THE SEDIMENT FROM ANY RUNOFF. TO MAKE A GRAVEL BAG, USE A BAG MADE OF GEOTEXTILE FABRIC (NOT BURLAP) AND FILL WITH EITHER 3/4 INCH ROCK OR 1/4 INCH PEA GRAVEL.
8.2. USE OF SEDIMENT LOGS TO FILTER THE SEDIMENT FROM ANY RUNOFF (AVAILABLE THROUGH LOCAL EROSION CONTROL SUPPLIERS).
8.3. USE OF ABOVE OR UNDER-GRATE FILTER BAGS OR DEVICES TO FILTER THE SEDIMENT FROM ANY RUNOFF (AVAILABLE THROUGH EROSION CONTROL SUPPLIERS).

9. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION, SEDIMENTATION, OR FLOODING ON THE SITE, ON DOWNSTREAM PROPERTIES, IN THE RECEIVING CHANNELS, OR IN ANY STORM WATER INLET. WHEN SITE DEWATERING, WATER PUMPED FROM THE SITE, INCLUDING TRENCHES, SHALL BE TREATED BY ONE OF THE FOLLOWING:

9.1. TEMPORARY SEDIMENTATION BASINS
9.2. SEDIMENT FILTERING BAGS

10. THE CONTRACTOR SHALL VERIFY THE SIZE AND LOCATION OF ALL EXISTING UTILITIES. EXISTING UTILITIES ARE ALL UTILITIES THAT EXIST ON THE PROJECT IN AN ORIGINAL, RELOCATED OR NEWLY INSTALLED POSITION. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE COST OF REPAIRS TO DAMAGED UNDERGROUND OR OVERHEAD FACILITIES, EVEN IF THE UTILITY IS NOT SHOWN ON THE SITE DEVELOPMENT PLANS. THE CONTRACTOR SHALL CONTACT THE LOCAL UTILITIES PROTECTION CENTER TO COORDINATE THE MARKING OF EXISTING UTILITY LINES A MINIMUM OF 96 HOURS PRIOR TO COMMENCEMENT OF ANY WORK.

11. THE CONTRACTOR SHALL FLUSH ALL INLETS AND PIPE AT THE COMPLETION OF CONSTRUCTION TO REMOVE SILT AND DEBRIS. THE CLEANING AND FLUSHING OF INLETS AND PIPE (EXISTING AND PROPOSED) SHALL BE CONSIDERED PART OF THE COST FOR THE PROJECT.

12. EGRESS FROM THE SITE SHALL BE CONTROLLED SUCH THAT VEHICLES LEAVING THE SITE MUST TRAVERSE CONSTRUCTION EXITS TO REMOVE MUD FROM TIRES.

13. SCHEDULE CONSTRUCTION ACTIVITIES TO MINIMIZE THE EXPOSED AREA AND DURATION OF EXPOSURE. IN SCHEDULING, TAKE INTO ACCOUNT THE SEASON AND THE WEATHER FORECAST.

14. EROSION CONTROL MEASURES ARE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL PROVIDE ADDITIONAL CONTROL MEASURES AS DICTATED BY ACTUAL FIELD CONDITIONS AT THE TIME OF CONSTRUCTION IN ORDER TO PREVENT EROSION AND CONTROL SEDIMENT. EROSION AND SEDIMENT CONTROL MEASURES WILL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE ENTIRE PROJECT IS TERMINATED OR SUSPENDED FOR AND INDEFINITE LENGTH OF TIME, ALL DISTURBED AREAS SHALL BE PLANTED WITH PERMANENT VEGETATION.

15. THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS, OR IN ANY WAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, IS BASED UPON FIELD INVESTIGATIONS AND IS BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME IS SHOWN AS INFORMATION ONLY, IS NOT GUARANTEED AND DOES NOT BIND THOMAS & HUTTON, OR THE OWNER IN ANY WAY.

16. CONTRACTOR SHALL MAINTAIN SITE ON A DAILY BASIS TO PROVIDE FOR POSITIVE DRAINAGE. CONTRACTOR, AT HIS COST, SHALL GRADE SITE AND PROVIDE NECESSARY TEMPORARY DRAINAGE SWALES TO INSURE STORM WATER DOES NOT POND ON SITE.

17. SITE DRAINAGE SHALL BE ESTABLISHED TO PREVENT ANY PONDED WATER CONDITIONS WITHIN THE CONSTRUCTION AREA AND TO FACILITATE STORM WATER DISCHARGE.

18. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

19. LIME RATES AND ANALYSIS:
19.1. AGRICULTURAL LIME SHALL BE APPLIED AT THE RATE SHOWN IN THE SEEDING SECTION UNLESS SOIL TESTS INDICATE OTHERWISE. GRADED AREAS REQUIRE LIME APPLICATION. IF LIME IS APPLIED WITHIN SIX MONTHS OF PLANTING PERMANENT PERENNIAL VEGETATION, ADDITIONAL LIME IS NOT REQUIRED. AGRICULTURAL LIME APPLICATION SHALL BE WITHIN THE SPECIFICATIONS OF THE SOUTH CAROLINA DEPARTMENT OF AGRICULTURE.

20. MULCHING:

MULCHING IS REQUIRED FOR ALL PERMANENT VEGETATION APPLICATIONS. MULCH APPLIED TO SEEDED AREAS SHALL ACHIEVE 75% SOIL COVER. SELECT THE MULCHING MATERIAL FROM THE FOLLOWING AND APPLY AS INDICATED:

20.1. DRY STRAW OR DRY HAY OF GOOD QUALITY AND FREE OF WEED SEEDS CAN BE USED. DRY STRAW SHALL BE APPLIED AT THE RATE OF TWO TONS PER ACRE. DRY HAY SHALL BE APPLIED AT THE RATE OF 2 1/2 TONS PER ACRE.
20.2. WOOD CELLULOSE MULCH OR WOOD PULP FIBER SHALL BE USED WITH HYDRAULIC SEEDING. IT SHALL BE APPLIED AT A RATE OF 500 POUNDS PER ACRE. DRY STRAW OR DRY HAY SHALL BE APPLIED (AT THE RATE INDICATED ABOVE) AFTER HYDRAULIC SEEDING.
20.3. ONE THOUSAND POUNDS OF WOOD CELLULOSE OR WOOD PULP FIBER, WHICH INCLUDES A TACKIFIER, SHALL BE USED WITH HYDRAULIC SEEDING ON SLOPES 3/4:1 OR STEEPER.
20.4. PINE STRAW OR PINE BARK SHALL BE APPLIED AT A THICKNESS OF 3 INCHES FOR BEDDING PURPOSES. OTHER SUITABLE MATERIALS IN SUFFICIENT QUANTITY MAY BE USED WHERE ORNAMENTALS OR OTHER GROUND COVERS ARE PLANTED. THIS IS NOT APPROPRIATE FOR SEEDED AREAS.
20.5. WHEN USING TEMPORARY EROSION CONTROL BLANKETS OR BLACK SOD, MULCH IS NOT REQUIRED.
20.6. ON SLOPES GREATER THAN 10 FEET IN LENGTH AND 4:1 OR STEEPER, USE THE FOLLOWING EROSION CONTROL BLANKETS THAT HAVE BEEN PROPERLY ANCHORED TO THE SLOPE ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS:

- 2:1 SLOPES OR STEEPER: - STRAW/COCONUT BLANKET OR HIGH VELOCITY WOOD BLANKET
- 3:1 SLOPES OR STEEPER: - WOOD OR STRAW BLANKET WITH NET ON BOTH SIDES
- 4:1 SLOPES OR FLATTER: - WOOD OR STRAW MULCH BLANKET WITH NET ON ONE SIDE

VIII. HOUSEKEEPING

THESE PERFORMANCE STANDARDS APPLY TO ALL SITES.

1. PETROLEUM PRODUCTS: INCLUDING OIL, GASOLINE, LUBRICANTS AND ASPHALTIC SUBSTANCES.

1.1. HAVE EQUIPMENT TO CONTAIN AND CLEAN UP PETROLEUM SPILLS IN FUEL STORAGE AREAS OR ON MAINTENANCE AND FUELING VEHICLES
1.2. STORE IN COVERED AREAS PROTECTED WITH DIKES

2. SPILLS: PREVENTION AND RESPONSE.

2.1. STORE AND HANDLE MATERIALS TO PREVENT SPILLS
2.2. TIGHTLY SEALED CONTAINERS, NEAT AND SECURE STACKING, ETC.
2.3. REDUCE STORM WATER CONTACT IF SPILL OCCURS
2.3.1. CLEANUP PROCEDURES SHOULD BE CLEARLY POSTED.
2.3.2. CLEANUP MATERIALS SHOULD BE READILY AVAILABLE
2.3.3. STOP THE SOURCE
2.3.4. CONTAIN THE SPILL

3. NON-STORM WATER DISCHARGES

THE FOLLOWING NON-STORMWATER DISCHARGES MUST BE PROTECTED FROM CAUSING POLLUTION OR EROSION:

3.1. DISCHARGES FROM FIRE-FIGHTING ACTIVITIES
3.2. FIRE HYDRANT FLUSHINGS
3.3. WATERS USED TO WASH VEHICLES WHERE DETERGENTS ARE NOT USED
3.4. WATER USED TO CONTROL DUST
3.5. POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHINGS
3.6. ROUTINE EXTERNAL BUILDING WASH DOWN THAT DOES NOT USE DETERGENTS
3.7. PAVEMENT WASH WATERS WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS ALL SPILLED MATERIAL HAS BEEN REMOVED) AND WHERE DETERGENTS ARE NOT USED
3.8. UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE
3.9. UNCONTAMINATED GROUND WATER OR SPRING WATER
3.10. FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS
3.11. UNCONTAMINATED EXCAVATION DEWATERING
3.12. LANDSCAPE IRRIGATION
3.13. DECHLORINATED SWIMMING POOL DISCHARGES.

4. CONSTRUCTION WASTES: DEMOLITION RUBBLE, PACKAGING MATERIALS, SCRAP BUILDING SUPPLIES, ETC.

4.1. SELECT A DESIGNATED WASTE COLLECTION AREA
4.2. PROVIDE LIDS FOR WASTE CONTAINERS
4.3. WHEN POSSIBLE LOCATE CONTAINERS IN COVERED AREA
4.4. MAINTAIN CONSISTENT REMOVAL SCHEDULE FOR WASTE

5. PESTICIDES: REDUCE THE AMOUNT OF PESTICIDES AVAILABLE FOR CONTACT WITH STORM WATER.

5.1. STORE IN A DRY COVERED AREA
5.2. INSTALL CURBS OR DIKES AROUND STORAGE AREA TO PROTECT AGAINST SPILLS
5.3. STRICTLY FOLLOW RECOMMENDED APPLICATION RATES

6. FERTILIZERS AND DETERGENTS: REDUCE THE AMOUNT OF FERTILIZERS AND DETERGENTS AVAILABLE FOR CONTACT WITH STORM WATER.

6.1. LIMIT APPLICATION OF FERTILIZERS TO THE MINIMUM NEEDED
6.2. APPLY MORE FREQUENTLY BUT AT LOWER APPLICATION RATES
6.3. LIMIT USE OF DETERGENTS ON-SITE
6.4. DO NOT DISCHARGE WASH WATER INTO STORM WATER SYSTEM
6.5. MAINTAIN STRUCTURAL AND VEGETATIVE BMP'S
6.6. APPLY ACCORDING TO SOIL TEST RECOMMENDATIONS PRIOR TO SEEDING.

IX. GRASSING NOTES

1. SOD:

ALL SOD SHALL BE NURSERY GROWN AS CLASSIFIED IN THE ASPS GSS. MACHINE CUT SOD AT A UNIFORM THICKENS OF 3/4" WITHIN A TOLERANCE OF 1/4", EXCLUDING TOP GROWTH AND THATCH. EACH INDIVIDUAL SOD PIECE SHALL BE STRONG ENOUGH TO SUPPORT ITS OWN WEIGHT WHEN LIFTED BY THE ENDS. BROKEN PODS, IRREGULARLY SHAPED PIECES, AND TORN OR UNEVEN ENDS WILL BE REJECTED. WOOD PEGS AND / OR WIRE STAPLES SHALL REPLACE SOD WITH AN EQUAL SOD COMPOSITION AS THAT WHICH IS EXISTING. IF NO SOD TYPE EXIST. THEN THE FOLLOWING SOD COMPOSITION SHALL BE USED.

2. SODDING SCHEDULE:

LAY SOD FROM MAY 1 TO SEPTEMBER 15 FOR SPRING PLANTING AND FROM SEPTEMBER 15 TO NOVEMBER 1 FOR FALL PLANTING.

3. SEED:

ALL SEED SHALL CONFORM TO ALL STATE LAWS AND TO ALL REQUIREMENTS AND REGULATIONS OF THE SOUTH CAROLINA DEPARTMENT OF AGRICULTURE. THE SEVERAL VARIETIES OF SEED SHALL BE INDIVIDUALLY PACKAGED OR BAGGED, AND TAGGED TO SHOW NAME OF SEED, NET WEIGHT, ORIGIN, GERMINATION, LOT NUMBER, AND OTHER INFORMATION REQUIRED BY THE DEPARTMENT OF AGRICULTURE.

3.1. PENNISETUM GLAUCIUM (BROWNTOP MILLET): TESTING 98 PERCENT PURITY AND 85 PERCENT GERMINATION.
3.2. BERMUDA COMMON: TESTING 98 PERCENT PURITY AND 85 PERCENT GERMINATION.
3.3. DOMESTIC ITALIAN RYE: TESTING 98 PERCENT PURITY AND 90 PERCENT GERMINATION.

4. MISCELLANEOUS:

4.1. PERMANENT SEEDING SHALL COVER ALL DISTURBED AREA NOT TO BE COVERED BY LANDSCAPE PLANTING BEDS, STRUCTURE, OR PAVEMENT.
4.2. SEED ALL DISTURBED AREAS WITHIN SEVEN DAYS OF FINAL GRADING AND TEMPORARY SEED/MULCH ALL AREAS THAT WILL BE LEFT INACTIVE FOR MORE THAN FOURTEEN (14) DAYS.
4.3. ALL PERMANENT GRASS PLANTINGS SHALL BE MULCHED
4.4. CENTIPEDE SOD CAN BE USED AS PERMANENT COVER ANYTIME EXCEPT JUNE THRU OCTOBER
4.5. IF GRASSING OCCURS DURING A MONTH REQUIRING TEMPORARY COVER, THE CONTRACTOR SHALL APPLY PERMANENT COVER (IN ADDITION TO THE TEMPORARY COVER) AT THE APPROPRIATE TIME AT NO NO ADDITIONAL COST. THE CONTRACTOR MUST ACHIEVE A STRAND OF PERMANENT GRASS WITH AT LEAST 95% COVER. BARE SPOTS CAN NOT BE MORE THAN 1 INCH SQUARE IN ANY 10 SF.

X. PERMANENT STABILIZATION

NEWLY SEEDED OR SODDED AREAS MUST BE PROTECTED FROM VEHICLE TRAFFIC,EXCESSIVE PEDESTRIAN TRAFFIC, AND CONCENTRATED RUNOFF UNTIL THE VEGETATION IS WELL ESTABLISHED. IF NECESSARY, AREAS MUST BE RE-WORKED AND RE-STABILIZED IF GERMINATION IS SPARSE, PLANT COVERAGE IS SPOTTY ,OR TOPSOIL EROSION IS EVIDENT. ONE OR MORE OF THE FOLLOWING MAY APPLY TO THE SITE.

4.1. SEEDED AREAS

FOR SEEDED AREAS, PERMANENT STABILIZATION MEANS A 90% COVER OF THE DISTURBED AREA WITH MATURE, HEALTHY PLANTS WITH NO EVIDENCE OF WASHING OR RILLING OF THE TOPSOIL.

4.2. SODDED AREAS

FOR SODDED AREAS, PERMANENT STABILIZATION MEANS THE COMPLETE BINDING OF THE SOD ROOTS INTO THE APPROVED MULCH MATERIAL.

4.3. PERMANENT MULCH

FOR MULCHED AREAS, PERMANENT MULCHING MEANS TOTAL COVERAGE OF THE EXPOSED AREA WITH AN APPROVED MULCH MATERIAL.

4.4. RIPRAP

FOR AREAS STABILIZED WITH RIPRAP, PERMANENT STABILIZATION MEANS THAT SLOPES STABILIZED WITH RIPRAP HAVE AN APPROPRIATE BACKING OF AN APPROVED GEOTEXTILE TO PREVENT SOIL MOVEMENT FROM BEHIND THE RIPRAP.

4.5. DITCHES, CHANNELS, AND SWALES

FOR OPEN CHANNELS, PERMANENT STABILIZATION MEANS THE CHANNEL IS STABILIZED WITH MATURE VEGETATION AT LEAST THREE INCHES IN HEIGHT, WITH WELL-GRADED RIPRAP LINING, OR WITH ANOTHER NON-EROSIVE LINING CAPABLE OF WITHSTANDING THE ANTICIPATED FLOW VELOCITIES AND FLOW DEPTHS WITHOUT RELIANCE ON CHECK DAMS TO SLOW FLOW. THERE MUST BE NO EVIDENCE OF SLUMPING OF THE LINING, UNDERCUTTING OF THE BANKS, OR DOWN CUTTING OF THE CHANNEL.

XI. FERTILIZER REQUIREMENTS

1. TEMPORARY SEEDING FERTILIZER

APPLY A MINIMUM OF 500 LBS PER ACRE OF A COMPLETE 10-10-10 FERTILIZER (11.5 POUNDS PER 1000 SQUARE FEET) OR EQUIVALENT DURING TEMPORARY SEEDING OF GRASSES UNLESS A SOIL TEST INDICATES A DIFFERENT REQUIREMENT. INCORPORATE FERTILIZER AND LIME (IF USED) INTO THE TOP 4-6 INCHES OF THE SOIL BY DISKING OR OTHER MEANS WHERE CONDITIONS ALLOW. LIME IS NOT REQUIRED FOR TEMPORARY SEEDING UNLESS A SOIL TEST SHOWS THAT THE SOIL PH IS BELOW 5.0. IT IS DESIRABLE TO APPLY LIME DURING THE TEMPORARY SEEDING OPERATION TO BENEFIT THE LONG-TERM PERMANENT SEEDING. APPLY A MINIMUM OF 1.5 TONS OF LIME / ACRE (70LBS. / 1000 SQ. FT.).

2. PERMANENT SEEDING FERTILIZER

APPLY A MINIMUM OF 1000 LBS PER ACRE OF A COMPLETE 10-10-10 FERTILIZER (23 POUNDS PER 1000 SQUARE FEET) OR EQUIVALENT DURING PERMANENT SEEDING OF GRADES UNLESS A SOIL TEST INDICATES A DIFFERENT REQUIREMENT. INCORPORATE FERTILIZER AND LIME (IF USED) INTO THE TOP 4-6 INCHES OF THE SOIL BY DISKING OR OTHER MEANS WHERE CONDITIONS ALLOW. DO NOT MIX THE LIME AND THE FERTILIZER PRIOR TO THE FIELD APPLICATION. UNLESS A SPECIFIC SOIL TEST INDICATES OTHERWISE, APPLY 1 & 1/2 TONS OF GROUND COARSE TEXTURED AGRICULTURAL LIMESTONE PER ACRE (70 LBS. / 1000 SQ.FT.).

XII. SWPP PREPARER CERTIFICATION

I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14 OF THE CODE OF LAWS OF SC, 1976 AS AMENDED, PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000.

0" 1" 2" 3" 4"
(BAR GRAPHIC IS 4" AT FULL SCALE)

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 29588 RYAN W. PAGE 07/01/2026

SOUTH CAROLINA THOMAS & HUTTON ENGINEERING CO. No. C00285 CERTIFICATE OF AUTHORIZATION

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

THOMAS & HUTTON
220 North Main Steet • Suite 402
Greenville, SC 29601 • 864.412.2222
www.thomasandhutton.com
JOB NO: 33869.0000
CONSULTANT

PROJECT INFORMATION:

York County South Carolina

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	01 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
EROSION CONTROL NOTES

DRAWING NO.
C104

DRAWN BY: RKL CHECKED BY: APF

STORMWATER POLLUTION PREVENTION PLAN

TEMPORARY SEEDING - COASTAL

SPECIES	LBS/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SANDY, DROUGHTY SITES													
BROWNTOP MILLET	40												
RYE, GRAIN	56												
RYEGRASS	50												
WELL DRAINED, CLAYEY/LOAMEY SITES													
BROWNTOP MILLET	40												
JAPANESE MILLET	40												
RYE, GRAIN	56												
OATS	75												
RYEGRASS	50												

PERMANENT SEEDING - COASTAL

SPECIES	LBS/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SANDY, DROUGHTY SITES													
BROWNTOP MILLET	10												
BAHIAGRASS	40												
BROWNTOP MILLET	10												
BAHIAGRASS	30												
BROWNTOP MILLET	10												
ATLANTIC COASTAL	15												
PANICGRASS	PLS												
BROWNTOP MILLET	10												
SWITCHGRASS	8												
(ALAMO)	PLS												
LITTLE BLUESTEM	4												
BROWNTOP MILLET	10												
WEEPING LOVEGRASS	8												
WELL DRAINED, CLAYEY/LOAMEY SITES													
BROWNTOP MILLET	10												
BAHIAGRASS	40												
RYE, GRAIN	10												
BAHIAGRASS	40												
CLOVER, CRIMSON (ANNUAL)	5												
BROWNTOP MILLET	10												
BAHIAGRASS	30												
BROWNTOP MILLET	10												
BERMUDA, COMMON	10												
BROWNTOP MILLET	10												
BERMUDA, COMMON	12												
BROWNTOP MILLET	10												
BAHIAGRASS	20												
BERMUDA, COMMON	6												
BROWNTOP MILLET	10												
SWITCHGRASS	8												
LITTLE BLUESTEM	PLS												
INDIANGRASS	3												

EROSION CONTROL LEGEND

DESCRIPTION	PLAN SYMBOL
SILT FENCE	
CLEARING LIMITS	CL — CL
DIVERSION DIKE	DD
DIVERSION BERM	DB
TEMPORARY DIVERSION	TD
PERMANENT DIVERSION	PD
SUBSURFACE DRAIN	SSD
VEGETATED CHANNEL	
RIP RAP LINED CHANNEL	
ECB OR TRM LINED CHANNEL	
PAVED CHANNEL	PC
TREE PROTECTION	
SURFACE ROUGHENING	OR LG
TOP SOILING	
TEMPORARY SEEDING	TS
PERMANENT SEEDING	PS
MULCHING	M
EROSION CONTROL BLANKET OR TURF REINFORCEMENT MAT	

EROSION CONTROL LEGEND

DESCRIPTION	PLAN SYMBOL
FLEXIBLE GROWTH MATRIX	FGM
BONDED FIBER MATRIX	BFM
SODDING	SO
SLOPED SODDING	
STAKED SOD	
STAKED SOD AROUND INLET	OR
RIPRAP	
OUTLET PROTECTION - RIP RAP	
OUTLET PROTECTION - ECB OR TRM	
DUST CONTROL	DC
POLYACRYLAMIDE (PAM)	PAM
SEDIMENT BASIN	
SEDIMENT BASIN WITH SKIMMER	
SEDIMENT TRAP	
ROCK SEDIMENT DIKE	
SEDIMENT TUBE	

EROSION CONTROL LEGEND

DESCRIPTION	PLAN SYMBOL
ROCK CHECK DAM	OR
POROUS BAFFLES	
STABILIZED CONSTRUCTION ENTRANCE	
CONCRETE WASHOUT	
STORM DRAIN INLET PROTECTION - TYPE A FILTER FABRIC	A
STORM DRAIN INLET PROTECTION - TYPE A SEDIMENT TUBE	A
STORM DRAIN INLET PROTECTION - TYPE B HARDWARE FABRIC AND STONE	B
STORM DRAIN INLET PROTECTION - TYPE C BLOCK AND GRAVEL	C
STORM DRAIN INLET PROTECTION - TYPE D RIGID INLET FILTER	D
STORM DRAIN INLET PROTECTION - TYPE E SURFACE COURSE CURB INLET FILTER	E
STORM DRAIN INLET PROTECTION - TYPE F INLET TUBE	F
STORM DRAIN INLET PROTECTION - TYPE G IMPERVIOUS AREA	G
STORM DRAIN INLET PROTECTION - CATCH BASIN INSERT	I
PIPE SLOPE DRAINS	
TEMPORARY STREAM CROSSING	
LEVEL SPREADER	

LIST OF ACRONYMS FOR SEDIMENT AND EROSION CONTROL

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AMD	ACRYLAMIDE POLYMER
BFM	BONDED FIBER MATRIX
BMP(S)	BEST MANAGEMENT PRACTICE(S)
CFS	CUBIC FEET PER SECOND
CMP	CORRUGATED METAL PIPE
DES	DEPARTMENT OF ENVIRONMENTAL SERVICES
ECB	EROSION CONTROL BLANKET
EPA	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
EPSC	EROSION PREVENTION AND SEDIMENTATION CONTROL
FDA	UNITED STATES FOOD AND DRUG ADMINISTRATION
FGM	FLEXIBLE GROWTH MATRIX
HDPE	HIGH DENSITY POLYETHYLENE
MS4	MUNICIPAL SEPARATE STORM SEWER SYSTEM
MSDS	MATERIAL SAFETY DATA SHEETS
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
PAM	POLYACRYLAMIDE OR POLYMER
RCP	REINFORCED CONCRETE PIPE
SCS	SOIL CONSERVATION SERVICE
SWPPP	STORMWATER POLLUTION PREVENTION PROGRAM
TRM	TURF REINFORCEMENT MAT
VFS	VEGETATED FILTER STRIP

CONSTRUCTION SEQUENCE

	CONSTRUCTION ACTIVITY	SCHEDULE CONSIDERATION
1	OBTAIN COPIES OF ALL PLAN APPROVALS AND OTHER APPLICABLE PERMITS.	CONTRACTOR TO HAVE ONSITE AT ALL TIMES DURING CONSTRUCTION.
2	FLAG THE WORK LIMITS AND BARRICADE TREES AND MARK BUFFER AREAS FOR PROTECTION.	HAVE LOCAL REGULATORY AGENCY INSPECT TREE BARRICADES.
3	HOLD PRE CONSTRUCTION CONFERENCE AT LEAST ONE WEEK PRIOR TO STARTING CONSTRUCTION.	REVIEW TREE PROTECTION (BARRICADE) WITH OWNER AND LOCAL REGULATORY AGENCY. TAKE PICTURES OF ALL PROTECTED TREES AND LOCATIONS WHERE SITE WORK TIES INTO EXISTING TO DOCUMENT PREDEVELOPMENT PROCEDURES.
4	INSTALL CONSTRUCTION ACCESS AND LAY DOWN AREAS	STABILIZE BARE AREAS IMMEDIATELY AND INSTALL CONSTRUCTION EXITS / ENTRANCES.
5	CONSTRUCT SEDIMENT TRAPS AND BARRIERS - BASIN TRAPS, SEDIMENT FENCES, AND OUTLET PROTECTION.	INSTALL PRINCIPAL BASINS AFTER CONSTRUCTION SITE IS ACCESSED. INSTALL ADDITIONAL TRAPS AND BARRIERS AS NEEDED DURING GRADING.
6	ESTABLISH RUNOFF CONTROL - DIVERSIONS, PERIMETER DIKES, WATER BARS, AND OUTLET PROTECTION.	INSTALL KEY PRACTICES AFTER PRINCIPAL SEDIMENT TRAPS AND BEFORE LAND GRADING. INSTALL ADDITIONAL RUNOFF-CONTROL MEASURES DURING GRADING.
7	LAND CLEARING AND GRADING-SITE PREPARATION CUTTING, FILLING AND GRADING, SEDIMENTATION TRAPS, BARRIERS, DIVERSIONS, DRAINS, SURFACE ROUGHENING.	BEGIN MAJOR CLEARING AND GRADING AFTER PRINCIPAL SEDIMENT AND KEY RUNOFF-CONTROL MEASURES ARE INSTALLED. CLEAR BORROW AND DISPOSAL AREAS ONLY AS NEEDED. INSTALL ADDITIONAL CONTROL MEASURES AS GRADING PROGRESSES. MARK TREES AND BUFFER AREAS FOR PRESERVATION.
8	RUNOFF CONVEYANCE SYSTEM- INSTALL STORM DRAINS, STABILIZE BANKS, CHANNELS, INSTALL INLET AND OUTLET PROTECTION, SLOPE DRAINS.	WHERE NECESSARY, STABILIZE BANKS AS EARLY AS POSSIBLE. INSTALL PRINCIPAL RUNOFF CONVEYANCE SYSTEM WITH RUNOFF- CONTROL MEASURES. INSTALL REMAINDER OF SYSTEM AFTER GRADING.
9	INSTALL WASTEWATER COLLECTION, WATER DISTRIBUTION, AND STORM DRAINAGE SYSTEMS	APPLY TEMPORARY OR PERMANENT STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS WHERE WORK IS DELAYED OR COMPLETE.
10	SURFACE STABILIZATION-TEMPORARY AND PERMANENT SEEDING, MULCHING, SODDING, RIP RAP.	APPLY TEMPORARY OR PERMANENT STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS WHERE WORK IS DELAYED OR COMPLETE.
11	BUILDING CONSTRUCTION- BUILDINGS UTILITIES, ROADS, ETC.	INSTALL NECESSARY EROSION AND SEDIMENTATION CONTROL PRACTICES AS WORK TAKES PLACE.
12	LANDSCAPING AND FINAL STABILIZATION - TOPSOILING, TREES AND SHRUBS, PERMANENT SEEDING, MULCHING, SODDING, RIP RAP.	LAST CONSTRUCTION PHASE--STABILIZE ALL OPEN AREAS, INCLUDING BORROW AND SPOIL AREAS. REMOVE AND STABILIZE ALL TEMPORARY CONTROL MEASURES.

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 29580 — RYAN W. PAGE

SOUTH CAROLINA THOMAS & HUTTON ENGINEERING CO. No. C00285 CERTIFICATE OF AUTHORIZATION

DEVITA Engineering Great Ideas

ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

THOMAS & HUTTON
220 North Main Street • Suite 402
Greenville, SC 29601 • 864.412.2222
www.thomasandhutton.com

JOB NO: 33869.0000
CONSULTANT

PROJECT INFORMATION:

York County South Carolina

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	01 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
EROSION CONTROL NOTES

DRAWING NO.
C105

DRAWN BY: RKL CHECKED BY: APF

(BAR GRAPHIC IS 4" AT FULL SCALE)

PORTABLE TOILETS

PORTABLE TOILET FACILITIES MUST BE PROVIDED AND MAINTAINED IN A SAFE AND SANITARY MANNER IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS OR PERMIT CONDITIONS.

WHEN PLACED AT A WORK SITE, THE TOILETS MUST BE PLACED IN ACCORDANCE WITH OSHA REQUIREMENTS AND SERVICED IN ACCORDANCE WITH INDUSTRY STANDARDS.

THE TOILET UNIT MUST BE SET ON A LEVEL STABLE BASE MATERIAL AWAY FROM STORM DRAINS, WATERWAYS, AND AREAS WITH HIGH VEHICULAR TRAFFIC. THE PORTABLE TOILET SHALL NOT BE PLACED ON THE PUBLIC ROAD PAVEMENT, A PUBLIC SIDEWALK, SEWER MANHOLE, CATCH BASIN OR CURB INLET.

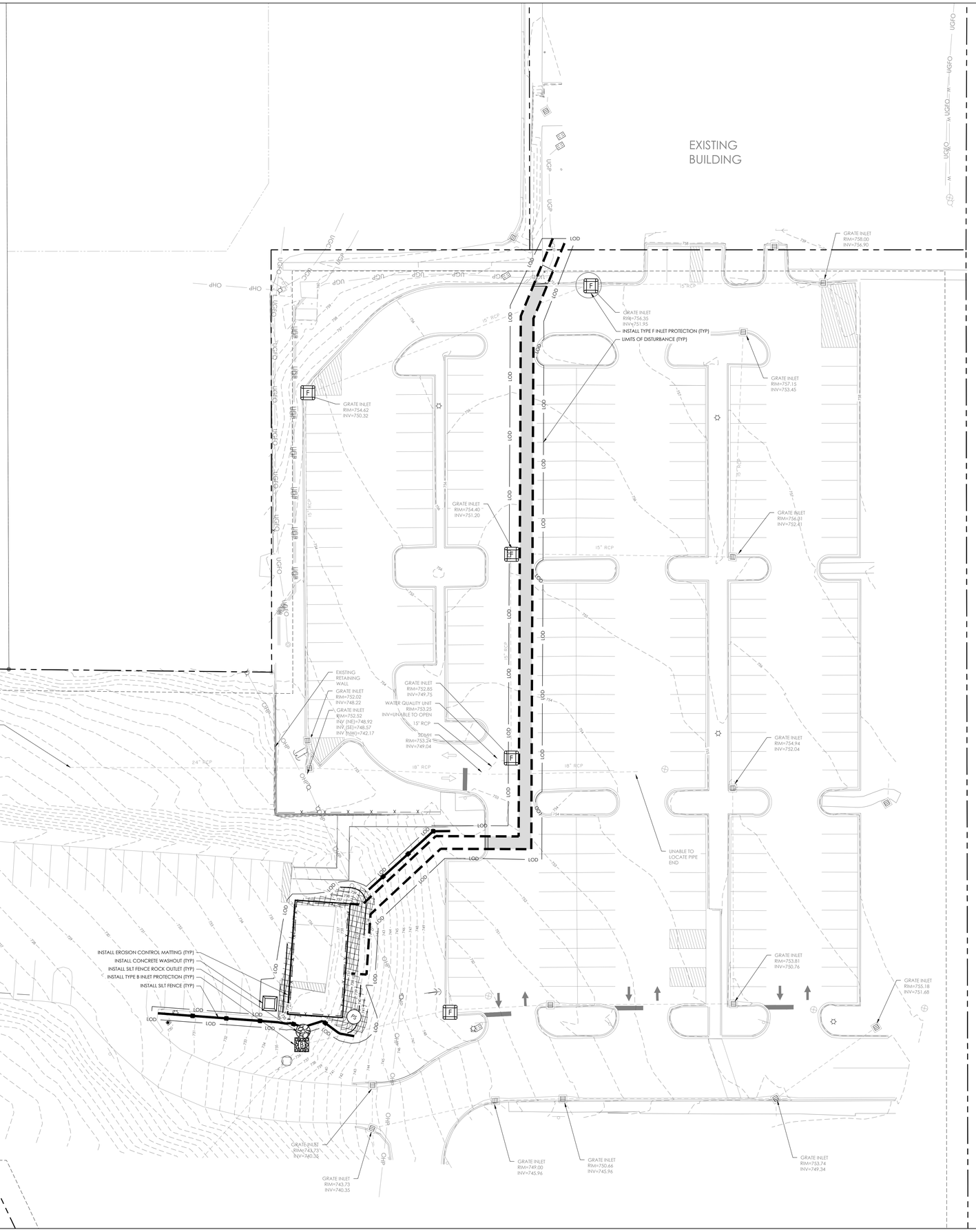
PORTABLE TOILETS SHALL BE POSTED WITH PROPER SIGNAGE TO DISPLAY THE TELEPHONE NUMBER AND CONTACT INFORMATION FOR THE COMPANY RESPONSIBLE FOR CLEANING, SERVICING OR REPAIR OF THE TOILET UNITS.

EROSION CONTROL PLAN

1. OBTAIN APPROVED PLANS FROM THE CITY OF YORK, AND "LESS THAN ONE ACRE" NOTIFICATION APPROVAL LETTER FROM SCDES.
2. ENGINEER WILL BRING STAMPED, APPROVED PLANS TO THE SITE. CONTRACTOR WILL SIGN THE CERTIFICATION THAT WILL BE KEPT ON SITE AT ALL TIMES WITH THE STAMPED CONSTRUCTION PLANS AND THE GENERAL CONSTRUCTION PERMIT. THE ATTENDANCE SHEET WILL ALSO BE SIGNED.
3. MARK LIMITS OF DISTURBANCE USING FLAGGING BEFORE BEGINNING AND CLEARING ACTIVITIES.
4. INSTALL CONCRETE WASHOUT, PORTABLE TOILETS.
5. CLEARING FOR AND INSTALLATION ONLY FOR PERIMETER SILT FENCING. KEEP ADJACENT PUBLIC ROADWAYS CLEAR OF DEBRIS.
6. PERFORM DEMOLITION ON SITE.
7. INSTALL UNDERGROUND PIPING.
8. APPLY TOPSOIL AND INITIAL VEGETATIVE STABILIZATION MEASURES AS FINAL GRADE IS REACHED. STABILIZE DISTURBED AREAS AS REQUIRED BY NPDES.
9. CONSTRUCT PAVED SURFACES.

NOTES:

1. ALL PARKING LOT WORK (TRENCHING, DEMOLITION, PAVING, ETC.) TO OCCUR DURING NON BUSINESS HOURS.



(BAR GRAPHIC IS 4" AT FULL SCALE)

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 29580 RYAN W. PAGE

SOUTH CAROLINA THOMAS & HUTTON ENGINEERING CO. No. C00285 CERTIFICATE OF AUTHORIZATION

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

THOMAS & HUTTON
220 North Main Steet • Suite 402
Greenville, SC 29601 • 864.412.2222
www.thomasandhutton.com

JOB NO: 33869.0000
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	01 JUL 2026	ISSUE FOR PERMIT & BID

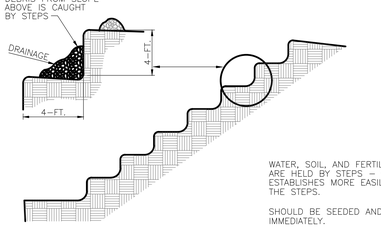
GRAPHIC SCALE: 1 INCH = 20

DRAWING NAME
EROSION CONTROL PLAN

DRAWING NO.
C106

DRAWN BY: RKL CHECKED BY: APF

STORMWATER POLLUTION PREVENTION PLAN



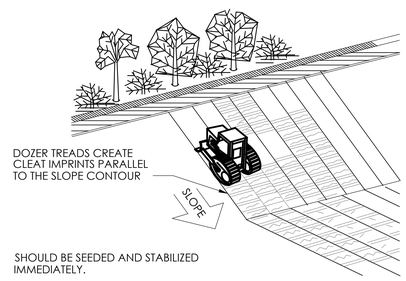
STAIR STEP GRADING

South Carolina Department of Health and Environmental Control

STAIR STEP GRADING

STANDARD DRAWING NO. EC-02 Page 1

APPROVED BY: SCDHEC AUGUST, 2005 DATE



TRACKING

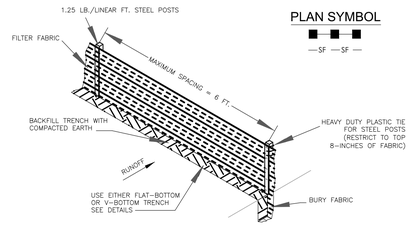
South Carolina Department of Health and Environmental Control

TRACKING

STANDARD DRAWING NO. EC-01 Page 1

APPROVED BY: SCDHEC AUGUST, 2005 DATE

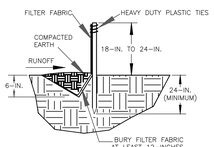
SILT FENCE INSTALLATION



PLAN SYMBOL

FLAT-BOTTOM TRENCH DETAIL

V-SHAPED TRENCH DETAIL



SILT FENCE - GENERAL NOTES

1. Do not place silt fence across channels or in other areas subject to concentrated flows. Silt fence should not be used as a velocity control BMP. Concentrated flows are any flows greater than 0.5 cfs.
2. Maximum sheet or overland flow path length to the silt fence shall be 100–feet.
3. Maximum slope steepness (normal [perpendicular] to the fence line) shall be 2:1.
4. Silt fence joints, when necessary, shall be completed by one of the following options:
   - Wrap each fabric together at a support post with both ends fastened to the post, with a 1–foot minimum overlap;
   - Overlap silt fence by installing 3–feet passed the support post to which the new silt fence roll is attached. Attach old roll to new roll with heavy–duty plastic ties; or,
   - Overlap entire width of each silt fence roll from one support post to the next support post.
5. Attach filter fabric to the steel posts using heavy–duty plastic ties that are evenly spaced within the top 8–inches of the fabric.
6. Install the silt fence perpendicular to the direction of the stormwater flow and place the silt fence the proper distance from the toe of steep slopes to provide sediment storage and access for maintenance and cleanout.
7. Install Silt Fence Checks (Tie–Backs) every 50–100 feet, dependent on slope, along silt fence that is installed with slope and where concentrated flows are expected or are documented along the proposed/installed silt fence.

South Carolina Department of Health and Environmental Control

SILT FENCE

STANDARD DRAWING NO. SC-03 Page 1 of 2

NOT TO SCALE FEBRUARY 2014 DATE

SILT FENCE - POST REQUIREMENTS

1. Silt Fence posts must be 48–inch long steel posts that meet, at a minimum, the following physical characteristics.
   - Composed of a high strength steel with a minimum yield strength of 50,000 psi.
   - Include a standard "T" section with a nominal face width of 1.38–inches and a nominal "T" length of 1.48–inches.
   - Weigh 1.25 pounds per foot (± 8%)
2. Posts shall be equipped with projections to aid in fastening of filter fabric.
3. Steel posts may need to have a metal soil stabilization plate welded near the bottom when installed along steep slopes or installed in loose soils. The plate should have a minimum cross section of 17–square inches and be composed of 15 gauge steel, at a minimum. The metal soil stabilization plate should be completely buried.
4. Install posts to a minimum of 24–inches. A minimum height of 1– to 2– inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.
5. Post spacing shall be at a maximum of 6–feet on center.

SILT FENCE - FABRIC REQUIREMENTS

1. Silt fence must be composed of woven geotextile filter fabric that consists of the following requirements:
   - Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polyolefins, polyesters, or polyamides that are formed into a network such that the filaments or yarns retain dimensional stability relative to each other;
   - Free of any treatment or coating which might adversely alter its physical properties after installation;
   - Free of any defects or flaws that significantly affect its physical and/or filtering properties; and,
   - Have a minimum width of 36–inches.
2. Use only fabric appearing on SC DOT's Qualified Products Listing (QPL), Approval Sheet #34, meeting the requirements of the most current edition of the SC DOT Standard Specifications for Highway Construction.
3. 12–inches of the fabric should be placed within excavated trench and toed in when the trench is backfilled.
4. Filter Fabric shall be purchased in continuous rolls and cut to the length of the barrier to avoid joints.
5. Filter Fabric shall be installed at a minimum of 24–inches above the ground.

SILT FENCE - INSPECTION & MAINTENANCE

1. The key to functional silt fence is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of silt fence shall be conducted once every calendar week and, as recommended, within 24–hours after each rainfall even that produces 1/2–inch or more of precipitation.
3. Attention to sediment accumulations along the silt fence is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
4. Remove accumulated sediment when it reaches 1/3 the height of the silt fence.
5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
6. Check for areas where stormwater runoff has eroded a channel beneath the silt fence, or where the fence has sagged or collapsed due to runoff overtopping the silt fence. Install checks/tie–backs and/or reinstall silt fence, as necessary.
7. Check for tears within the silt fence, areas where silt fence has begun to decompose, and for any other circumstance that may render the silt fence ineffective. Removed damaged silt fence and reinstall new silt fence immediately.
8. Silt fence should be removed within 30 days after final stabilization is achieved and once it is removed, the resulting disturbed area shall be permanently stabilized.

South Carolina Department of Health and Environmental Control

SILT FENCE

STANDARD DRAWING NO. SC-03 PAGE 2 of 2

GENERAL NOTES FEBRUARY 2014 DATE

PLAN SYMBOL

South Carolina Department of Health and Environmental Control

Type F

INLET TUBES

STANDARD DRAWING NO. SC-11 PAGE 1 of 2

NOT TO SCALE FEBRUARY 2014 DATE

TYPE F – INLET TUBES INLET PROTECTION

GENERAL NOTES

1. Inlets tubes should be composed of compacted geotextiles, curled excelsior wood, natural coconut fibers, a hardwood mulch, or a mix of these materials enclosed by a flexible netting material.
2. Inlets tubes should utilize an outer netting that consists of seamless, high–density polythylene photodegradable materials treated with ultraviolet stabilizers or a seamless, high–density polyethylene non–degradable material. Curled wood excelsior fiber, or natural coconut fiber rolled erosion control products rolled up to create an inlet tube device are not allowed.
3. Do not use straw, straw fiber, straw bales, pine needles, or leaf mulch as fill material within inlet tubes.
4. Weighted inlet tubes must be capable of staying in place without external stabilization measures and may have a weighted inner core or other weighted mechanism to keep them in place.
5. Install weighted tubes lying flat on the ground, with no gaps between the underlying surface and the inlet tube. Do not stack inlet tubes. Do not completely block inlet with tube.
6. Non–weighted inlet tubes require staking or other stabilization methods to keep them safely in place.
7. Overflow or overtopping of inlet tubes must be allowed to flow into inlet unobstructed.
8. To avoid possible flooding, two or three concrete cinder blocks may be placed between the tube and the inlet.

INSPECTION AND MAINTENANCE

1. The key to functional inlet protection is weekly inspection, routine maintenance, and regular sediment removal.
2. Regular inspections of all inlet protection shall be conducted once every calendar week and, as recommended, within 24–hours after each rainfall event that produces 1/2–inch or more of precipitation.
3. Attention to sediment accumulations in front of the inlet protection is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
4. Remove accumulated sediment when it reaches 1/3 the height of the blocks. If a sump is used, sediment should be removed when it fills approximately 1/3 the depth of the hole.
5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
6. Large debris, trash, and leaves should be removed from in front of tubes when found.
7. Replace inlet tube when damaged or as recommended by manufacturer's specifications.
8. Inlet protection structures should be removed after the disturbed areas are permanently stabilized. Remove all construction material and sediment, and dispose of them properly. Grade the disturbed area to the elevation of the drop inlet structure crest. Stabilize all bare areas immediately.

South Carolina Department of Health and Environmental Control

Type F

INLET TUBES

STANDARD DRAWING NO. SC-11 PAGE 2 of 2

GENERAL NOTES FEBRUARY 2014 DATE

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 29580 Registered RYAN W. PAGE

SOUTH CAROLINA THOMAS & HUTTON ENGINEERING CO. No. C00285 CERTIFICATE OF AUTHORIZATION

DEVITA Engineering Great Ideas

ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

THOMAS & HUTTON
220 North Main Steet • Suite 402
Greenville, SC 29601 • 864.412.2222
www.thomasandhutton.com

JOB NO: 33869.0000
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST, YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	01 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
EROSION CONTROL DETAILS

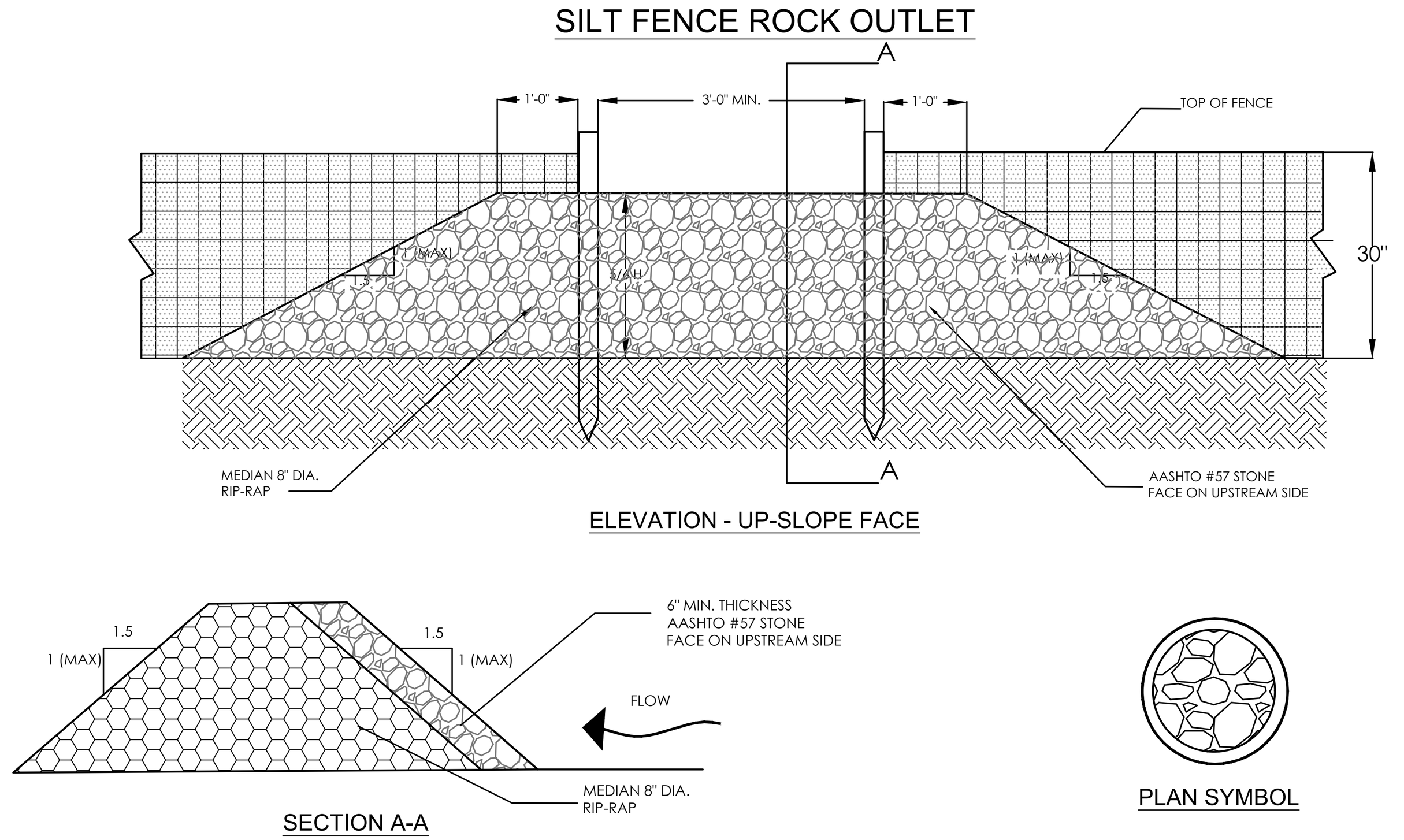
DRAWING NO.
C107

DRAWN BY: RKL CHECKED BY: APF

(BAR GRAPHIC IS 4" AT FULL SCALE)

STORMWATER POLLUTION PREVENTION PLAN

SILT FENCE ROCK OUTLET



PLAN SYMBOL

NOTES:

1. WASHED STONE (#57) TO BE REMOVED AND REPLACED ONCE IT BECOMES CLOGGED WITH SEDIMENT.
2. SEDIMENT TO BE REMOVED WHEN ACCUMULATIONS REACH 1/3 HEIGHT OF SILT FENCE
3. THE KEY TO FUNCTIONAL ROCK OUTLETS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.

South Carolina Department of Health and Environmental Control

SILT FENCE ROCK OUTLET

STANDARD DRAWING NO. SC–14 PAGE 1 of 1

NOT TO SCALE — FEBRUARY 2014 DATE

Slope Installation Instructions EXCEL PP5-10™

Step 1 - Site Preparation

Prepare site to design profile and grade. Remove debris, rocks, clods, etc.. Ground surface should be smooth prior to installation to ensure blanket remains in contact with slope.

Step 2 - Seeding

Seeding of site should be conducted to design requirements or to follow local or state seeding requirements as necessary.

Stap 3 - Staple Selection

At a minimum, 6 in. long by 1 in. crown, 11 gauge staples are to be used to secure the blanket to the ground surface. Installation in rocky, sandy or other loose soil may require longer staples.

Step 4 - Excavate Anchor Trench and Secure Blanket

Excavate a trench along the top of the slope to secure the upstream end of the blanket. The trench should run along the length of the installation, be 6 in. wide and 6 in. deep. Staple blanket along bottom of trench, fill with compacted soil, overlap blanket towards toe of slope and secure with row of staples (shown in Figures A, E and F).

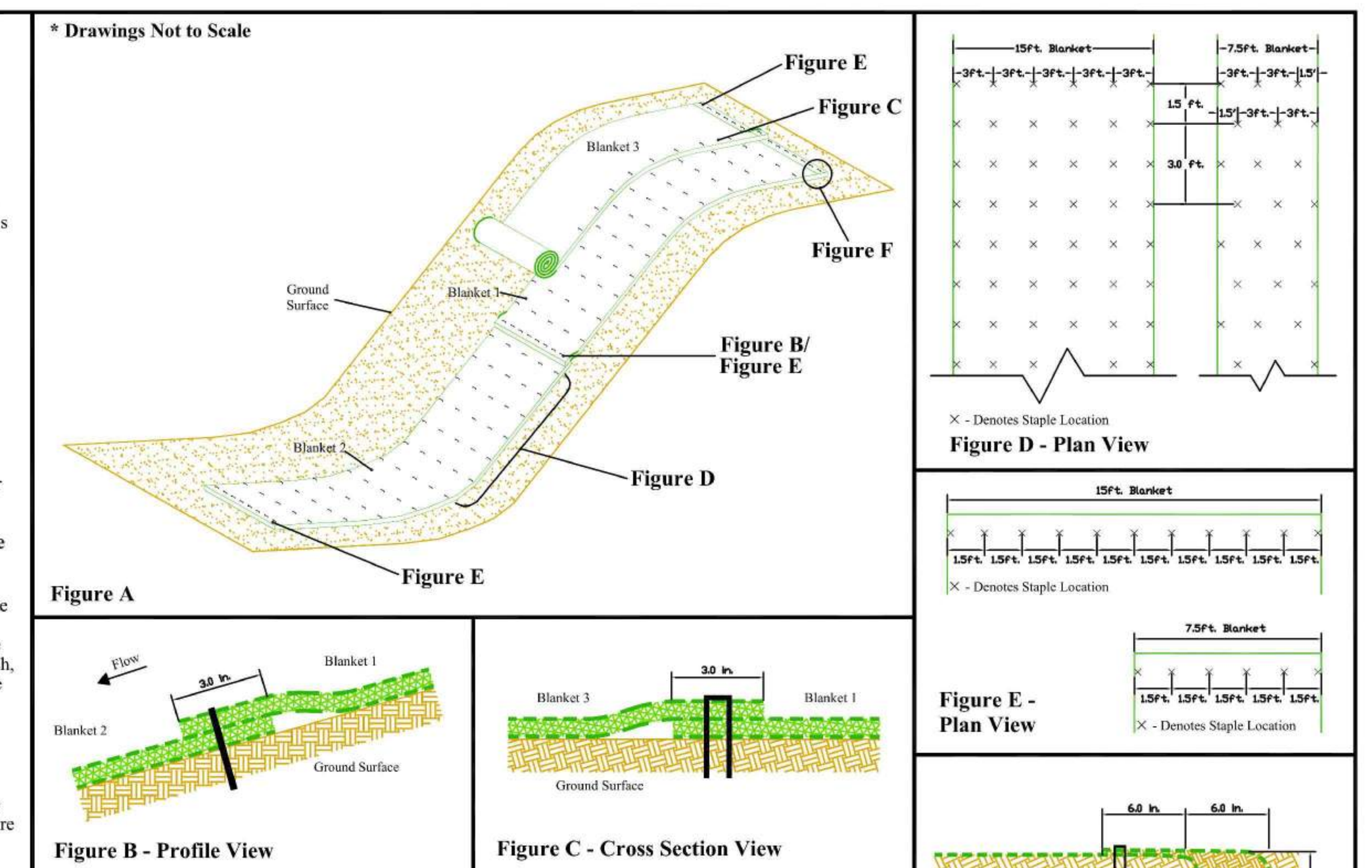
Step 5 - Secure Body of Blanket

Roll blanket down slope from anchor trench. Staple body of blanket following the pattern shown in Figure D. Leave end of blanket unstapled to allow for overlap shown in Figure B. Place downstream blanket underneath upstream blanket to form shingle pattern. Staple seam as shown in Figure E. Secure downstream blanket with stapling pattern shown in Figure D. Stapling pattern shown in Figure D reflects minimum staples to be used. More staples may be required to ensure blanket is sufficiently secured to resist mowers and foot traffic and to ensure blanket is in contact with soil surface over the entire area of blanket. Further, critical points require additional staples. Critical points are identified in Figure G.

Step 6 - Continue Along Slope - Complete Installation

Overlap adjacent blankets as shown in Figure C and repeat Step 5. Secure toe of slope using stapling pattern shown in Figure E. Secure edges of installation by stapling at 1.5' intervals along the terminal edge.

* Drawings Not to Scale



Product Application/Equivalency Specifications

Excel PP5-10 is produced by Western Excelsior and consists of an permanent Rolled Erosion Control Product (RECP) comprised of a synthetic fiber blend matrix mechanically (stitch) bound between two, UV stable heavy duty synthetic nets (top and bottom). The expected longevity of Excel PP5-10 is greater than 36 months (actual longevity dependent on field and climatic conditions). Excel PP5-10 is designed and manufactured to provide immediate erosion control and permanent turf reinforcement and is comprised of physical properties sufficient to provide the intended longevity and performance. Product specifications may be found on document WE_EXCEL_PP510_SPEC and performance information may be found on document WE_EXCEL_PP510_PERF. All documents are available from Western Excelsior Technical Support or www.westernexcelsior.com. Additional to above, equivalent products to Excel PP5-10 must meet identical criteria as Excel PP5-10 as follows:

1. Consist of synthetic fiber matrix confined between two UV stable, heavy duty sythetic nets.
2. Sufficient tensile strength, thickness and coverage to maintain integrity during installation and ensure material performance. Provide permanent turf reinforcement with longevity greater than three years, immune from moisture damage or chemical conditions within the soil.
3. Listing within AASHTO NTPEP database.
4. Meet ECTC specification for category 5C product.

Document # WE_EXCEL_PP510_SII

Specifications

Western Excelsior manufactures a full line of Rolled Erosion Control Products (RECPs). Excel SS-2 temporary Erosion Control Blanket is composed of a 100% weed free agricultural straw matrix mechanically (stitch) bound on two inch centers between two photodegradable, synthetic nets. Excel SS-2 is intended for use in channels or on slopes requiring erosion protection for a period up to twelve months. Actual field longevity is dependent on soil and climatic conditions. Excel SS-2 is available in natural color or green, denoted as *SPEEDYGREEN* (Patent Pending).

Each roll of EXCEL SS-2 is made in the USA and manufactured under Western Excelsior's Quality Assurance Program to ensure a continuous distribution of fibers and consistent thickness. Typical manufactured properites are provided in Table 1 and product characteristics are provided in Table 2.

Table 1- Specified Expected Values

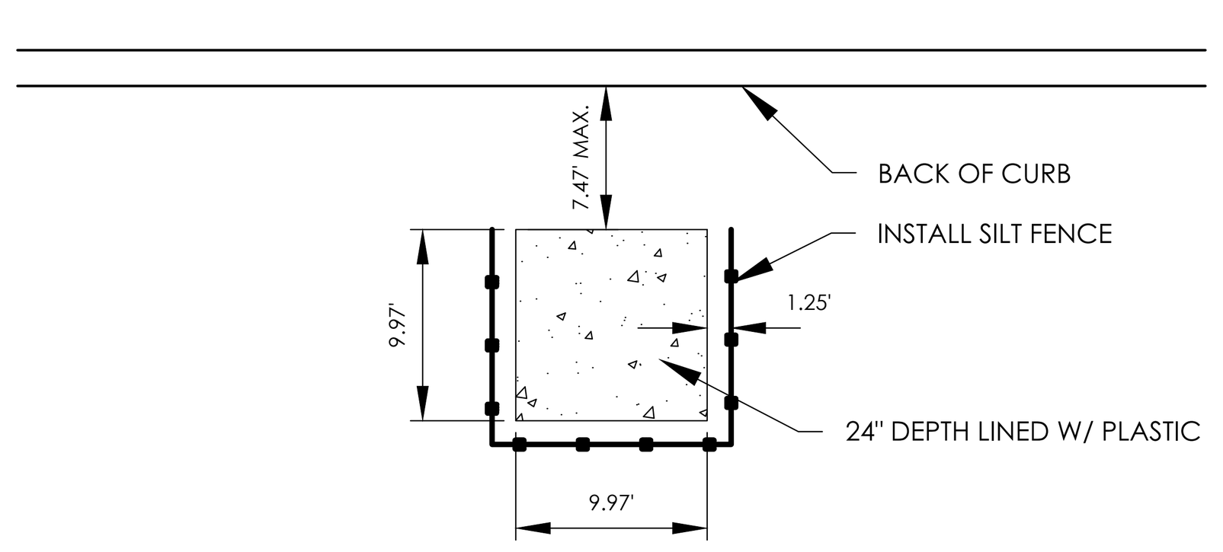
Tested Property	Test Method	Value
Tensile Strength (MD) x (TD)	ASTM D6818	10.0 lb/in (1.8 kN/m) x 6.2 lb/in (1.1 kN/m)
Elongation (MD) x (TD)	ASTM D6818	20 % x 26 %
Mass Per Unit Area	ASTM D6475	8.0 oz/yd^2 (271 g/m^2)
Thickness	ASTM D6525	0.28 in (7 mm)
Light Penetration	ASTM D6567	22 % open
Water Absorption	ASTM D1117	450 %

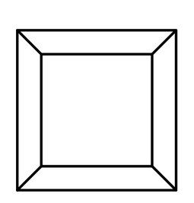
Table 2 - Netting

Top Net Type	Synthetic, Photodegradable
Bottom Net Type	Synthetic, Photodegradable
Top Net Opening Dimensions	0.5 in (13 mm) x 0.5 in (13 mm)
Bottom Net Opening Dimensions	0.5 in (13 mm) x 0.5 in (13 mm)

Excel SS-2 is available in multiple roll sizes ranging in width from 8.0 ft to 16.0 ft. and 112.5 ft to 600 ft in length. Standard roll sizes are 100 square yards, measuring 8.0 ft wide by 112.5 ft long. Custom roll sizes are available upon request.

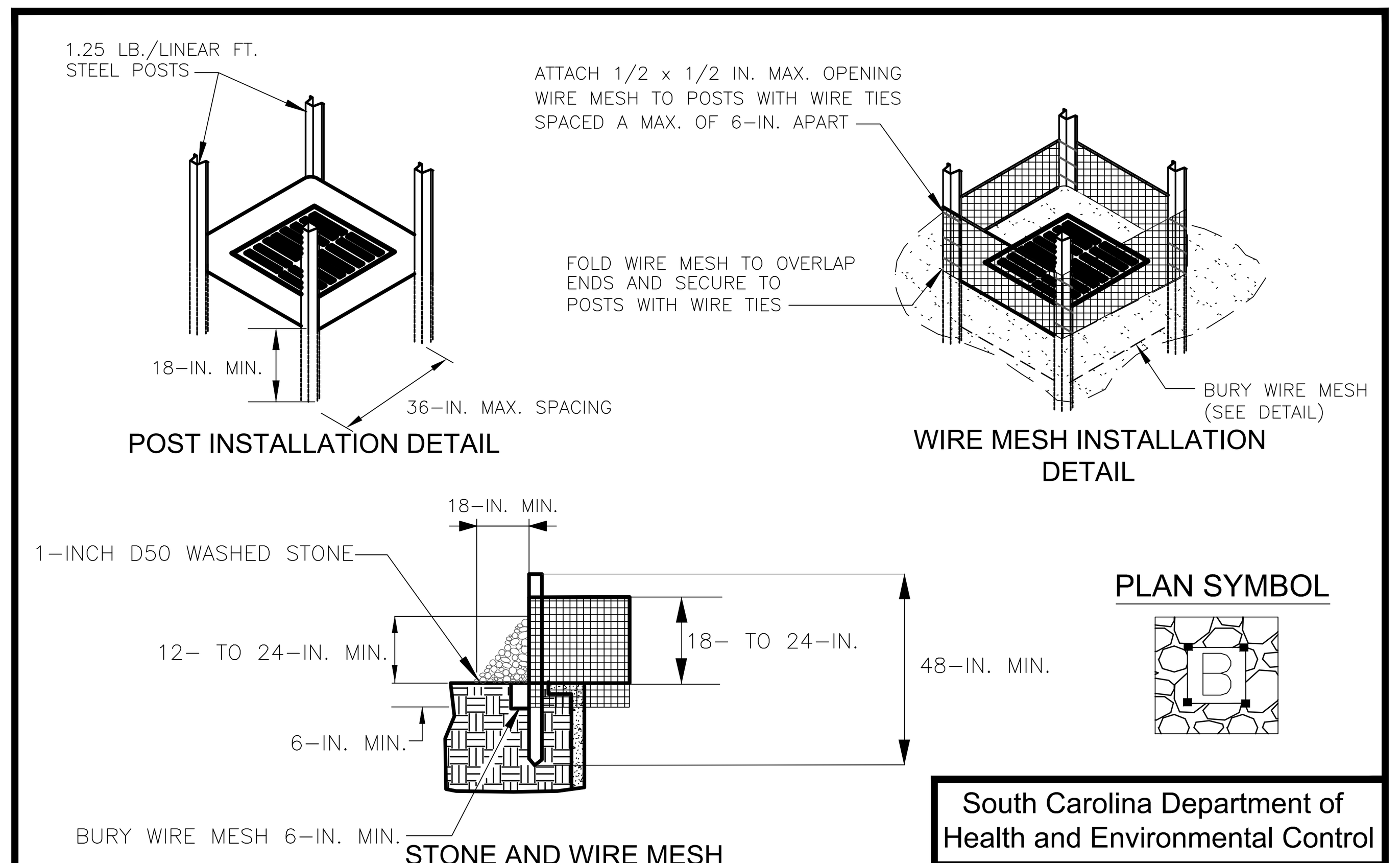
Document # WE_EXCEL_SS2_SPEC | 866-540-9810 / wexcotech@westernexcelsior.com | Updated 7/31/18





CONCRETE WASHOUT DETAIL

NOT TO SCALE



PLAN SYMBOL

South Carolina Department of Health and Environmental Control

Type B

WIRE MESH & STONE INLET PROTECTION

STANDARD DRAWING NO. SC-08 PAGE 1 of 2

NOT TO SCALE — FEBRUARY 2014 DATE

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

THOMAS & HUTTON
220 North Main Steet • Suite 402
Greenville, SC 29601 • 864.412.2222
www.thomasandhutton.com

JOB NO: 33869.0000
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST, YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	01 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
EROSION CONTROL DETAILS

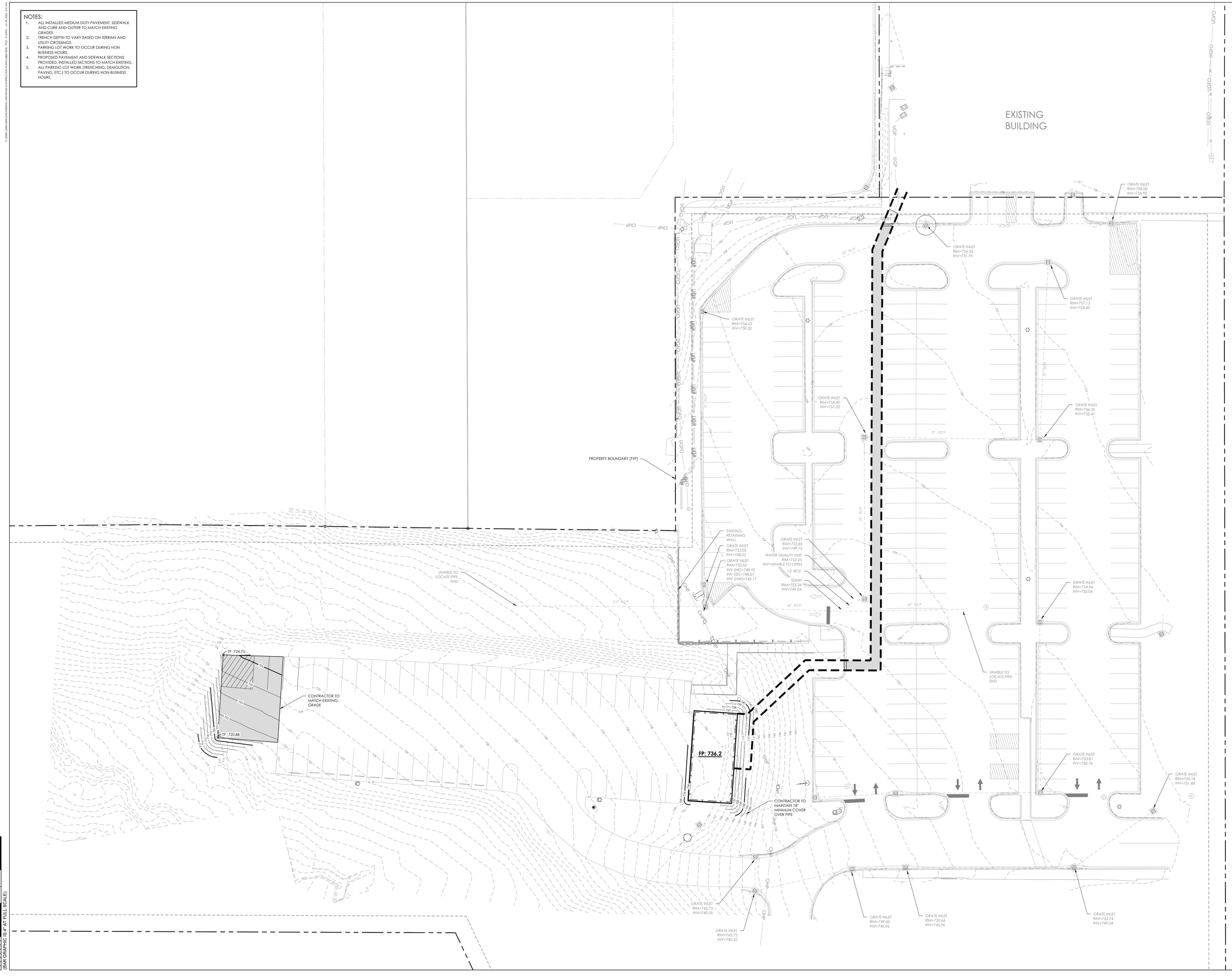
DRAWING NO.
C108

DRAWN BY: RKL CHECKED BY: APF

(BAR GRAPHIC IS 4" AT FULL SCALE) 0" 1" 2" 3" 4"

NOTES:

1. ALL INSTALLED MEDIUM DUTY PAVEMENT, SIDEWALK AND CURB AND GUTTER TO MATCH EXISTING GRADES.
2. TRENCH DEPTH TO VARY BASED ON TERRAIN AND UTILITY CROSSINGS.
3. PARKING LOT WORK TO OCCUR DURING NON BUSINESS HOURS.
4. PROPOSED PAVEMENT AND SIDEWALK SECTIONS PROVIDED. INSTALLED SECTIONS TO MATCH EXISTING.
5. ALL PARKING LOT WORK (TRENCHING, DEMOLITION, PAVING, ETC.) TO OCCUR DURING NON BUSINESS HOURS.



(BAR GRAPHIC IS 4" AT FULL SCALE)

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 29580 Ryan W. Page RYAN W. PAGE

SOUTH CAROLINA THOMAS & HUTTON ENGINEERING CO. No. C00285 CERTIFICATE OF AUTHORIZATION

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

THOMAS & HUTTON
220 North Main Street • Suite 402
Greenville, SC 29601 • 864.412.2222
www.thomasandhutton.com
JOB NO: 33869.0000
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

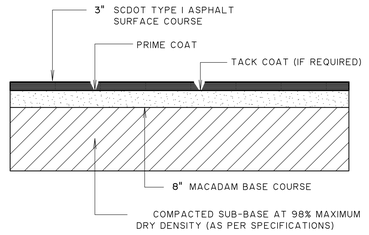
NO.	DATE	DESCRIPTION
A	01 JUL 2026	ISSUE FOR PERMIT & BID

20 0 10 20
GRAPHIC SCALE:
1 INCH = 20

DRAWING NAME
PAVING, GRADING AND DRAINAGE PLAN

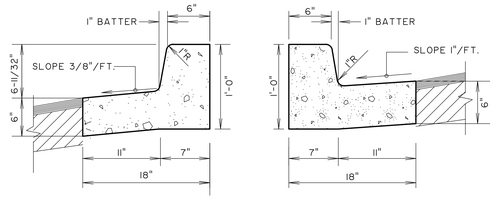
DRAWING NO.
C109

DRAWN BY: RKL CHECKED BY: APF



PROPOSED ASPHALT PAVEMENT SECTION (LIGHT DUTY)

NOT TO SCALE



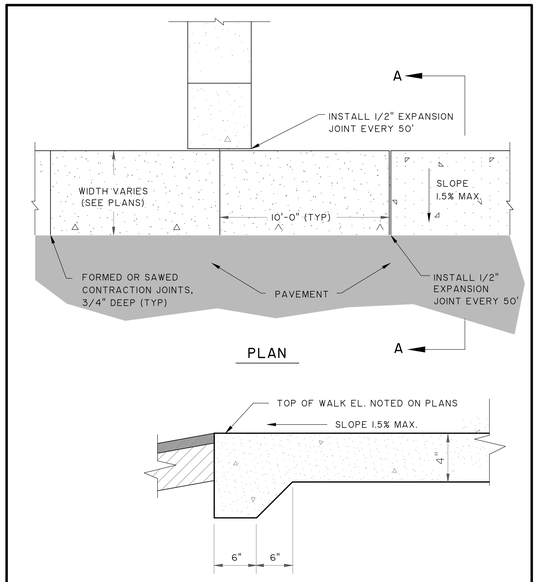
PITCH CURB NORMAL CURB

NOTES:
1. ALL CONCRETE SHALL BE 3,000 PSI.
2. PROVIDE CONTROL JOINTS EVERY TEN FEET (10').
3. PROVIDE EXPANSION JOINTS EVERY FIFTY FEET (50).
4. PROVIDE EXPANSION JOINT WHERE CURB ABUTS SIDEWALKS, OR OTHER STRUCTURES.
5. PROVIDE LIGHT BROOM FINISH.

P17
OCT. 2008
THOMAS & HUTTON ENGINEERING CO.

18" STANDARD CURB & GUTTER

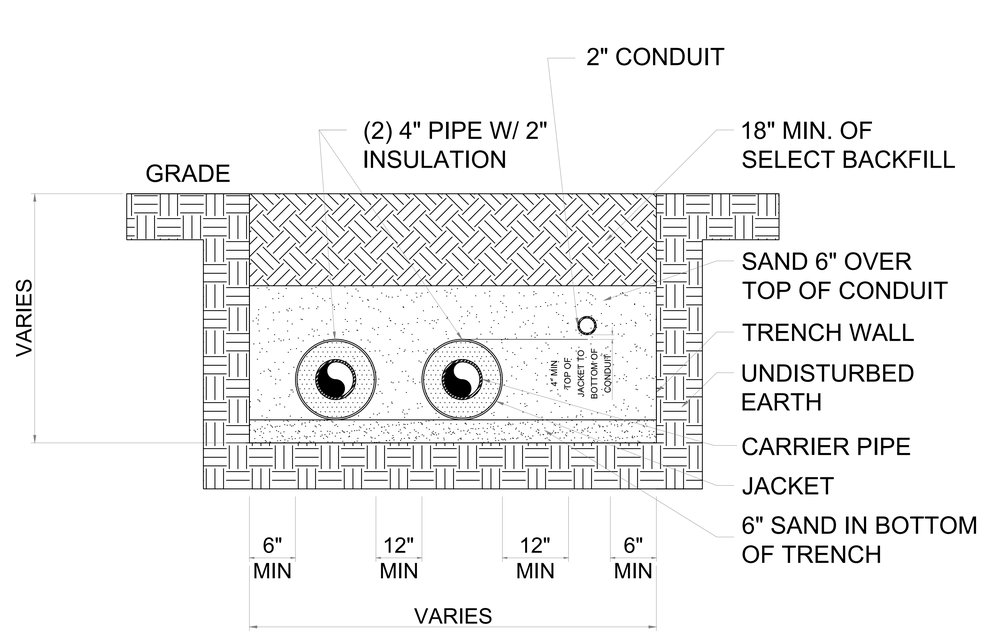
NOT TO SCALE



SIDEWALK AND WALKWAY DETAILS

NOT TO SCALE

P37
OCT. 2008
THOMAS & HUTTON ENGINEERING CO.

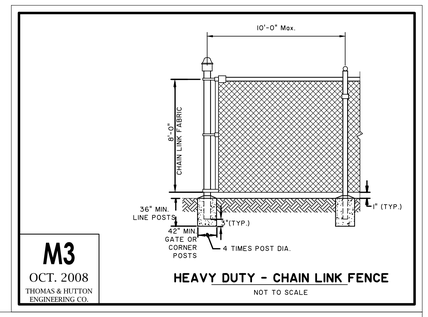


TRENCH DETAIL

SCALE: NONE

HEAVY DUTY - CHAIN LINK FENCING SPECIFICATIONS:

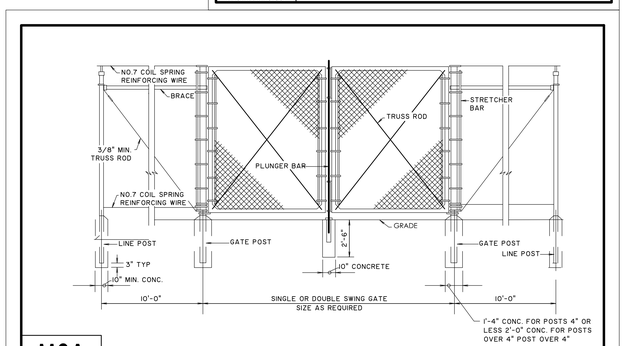
1. 8' TALL BLACK POWDER COATED STEEL CHAIN LINK FENCE WITH VERTICAL PRIVACY SLATS. (REFERENCE ARCHITECTURAL PLAN SHEET A100 FOR COLOR, COATING, AND SLAT INFORMATION).
2. MANUFACTURERS
   - 2.1. ANCHOR FENCE INC.
   - 2.2. CYCLONE INC.
   - 2.3. PAGE ALUMINIZED STEEL CORP.
   - 2.4. BOUNDARY FENCE AND RAILING SYSTEMS, INC.
3. HEAVY DUTY FENCE MATERIALS
   - 3.1. FABRIC. THE FABRIC SHALL BE WOVEN WITH A 9-GAUGE GALVANIZED STEEL WIRE IN A 2-INCH MESH AND SHALL MEET THE REQUIREMENTS OF ASTM A392, CLASS 2.
   - 3.2. POSTS, RAILS, AND BRACES. LINE POSTS, RAILS, AND BRACES SHALL CONFORM TO THE REQUIREMENTS OF ASTM F1043 OR ASTM F1083
   - 3.3. GATES. GATE FRAMES SHALL CONSIST OF GALVANIZED STEEL PIPE AND SHALL CONFORM TO THE SPECIFICATIONS FOR THE SAME MATERIAL UNDER PARAGRAPH 162-2.3. THE FABRIC SHALL BE OF THE SAME TYPE MATERIAL AS USED IN THE FENCE.
   - 3.4. CONCRETE: CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI
4. HEAVY DUTY FENCE COMPONENTS:
   - 4.1. LINE POSTS: 2.38 INCH DIAMETER.
   - 4.2. CORNER AND TERMINAL POSTS: 3.5 INCH.
   - 4.3. GATE POSTS: 4.5 INCH DIAMETER.
   - 4.4. TOP AND BRACE RAIL: 1.66 INCH DIAMETER, PLAIN END, SLEEVE COUPLED.
   - 4.5. GATE FRAME: 1.66 INCH DIAMETER FOR WELDED FABRICATION.
   - 4.6. FABRIC: 2 INCH DIAMOND MESH INTERWOVEN WIRE, 11 GAGE THICK STEEL, 9 GAGE THICK ALUMINUM, TOP SELVAGE KNUCKLE END CLOSED, BOTTOM SELVAGE KNUCKLE END CLOSED.
   - 4.7. TENSION WIRE: 7 GAGE THICK STEEL, SINGLE STRAND.
   - 4.8. TENSION BAND: 3/16 INCH THICK BY 3/4 INCH WIDE STEEL.
   - 4.9. TIE WIRE: ALUMINUM STEEL WIRE, 9-GAGE OR 6-GAGE AS INDICATED.
5. ACCESSORIES
   - 5.1. CAPS: CAST STEEL GALVANIZED, GALVANIZED PRESSED STEEL, MALLEABLE IRON GALVANIZED, OR ALUMINUM ALLOY; SIZED TO POST DIAMETER, SET SCREW RETAINER.
   - 5.2. FITTINGS: SLEEVES, BANDS, CLIPS, RAIL ENDS, TENSION BARS, FASTENERS AND FITTINGS; GALVANIZED STEEL.
   - 5.3. EXTENSION ARMS: CAST STEEL GALVANIZED OR GALVANIZED PRESSED STEEL TO ACCOMMODATE 3 STRANDS OF BARBED WIRE. SINGLE ARM, FOR PLACING VERTICAL OR SLOPED TO 45 DEGREES AS INDICATED ON DRAWINGS.
6. FINISHES
   - 6.1. REFER TO ARCHITECTURAL DRAWINGS FOR FINISH SPECIFICATIONS



M3
OCT. 2008
THOMAS & HUTTON ENGINEERING CO.

HEAVY DUTY - CHAIN LINK FENCE

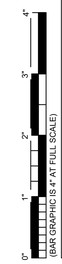
NOT TO SCALE



M2A
OCT. 2008
THOMAS & HUTTON ENGINEERING CO.

HEAVY DUTY - GATE DETAIL

NOT TO SCALE



SOUTH CAROLINA PROFESSIONAL ENGINEER No. 29580 RYAN W. PAGE

SOUTH CAROLINA THOMAS & HUTTON ENGINEERING CO. No. C00285 CERTIFICATE OF AUTHORIZATION

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

THOMAS & HUTTON
220 North Main Steet • Suite 402
Greenville, SC 29601 • 864.412.2222
www.thomasandhutton.com

JOB NO: 33869.0000
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST, YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	01 JUL 2026	ISSUE FOR PERMIT & BID

50 0 25 50
GRAPHIC SCALE:
1 INCH = 50

DRAWING NAME
PAVING, GRADING AND DRAINAGE DETAILS

DRAWING NO.
C110

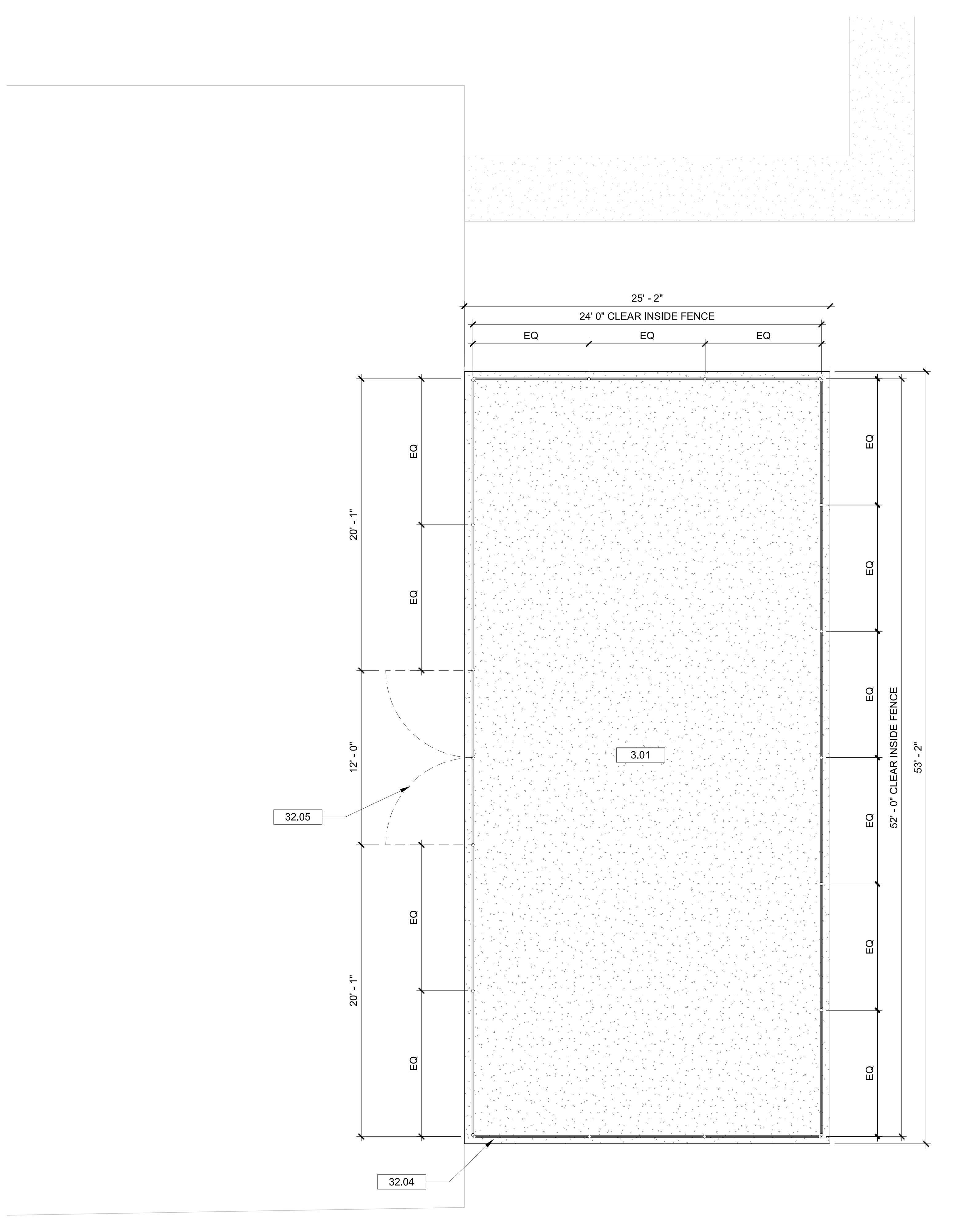
DRAWN BY: RKL CHECKED BY: APF

DRAWING NOTES

3.01 CONCRETE PAD. REFER TO CIVIL DRAWINGS.

32.04 NEW 8'-0" TALL GALVANIZED STEEL CHAIN-LINK FENCE AND GATES WITH BLACK FACTORY-APPLIED POWDER COAT FINISH. PROVIDE INTEGRATED VERTICAL PRIVACY SLATS, STEEL TUBE POSTS SET IN CONCRETE FOOTINGS, AND ALL FRAMES, GATES, HARDWARE, AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.

32.05 PROVIDE MATCHING GATES AT LOCATIONS INDICATED. GATES SHALL BE FULL-HEIGHT (8'-0") GALVANIZED STEEL CHAIN-LINK GATES WITH A BLACK FACTORY-APPLIED POWDER COAT FINISH. PROVIDE INTEGRATED HORIZONTAL PRIVACY SLATS TO MATCH ADJACENT FENCE. PROVIDE HEAVY-DUTY FRAME, HINGES, LATCHES, AND ALL REQUIRED HARDWARE FOR A COMPLETE INSTALLATION. PROVIDE DOUBLE LOCKABLE DROP RODS (CANE BOLTS) WITH RECEIVERS, COMPATIBLE WITH OWNER-FURNISHED PADLOCKS. VERIFY GATE SWING, CLEARANCES, AND ACCESS REQUIREMENTS PRIOR TO FABRICATION. PROVIDE 180 DEGREE GATE HINGES.



REFER TO CIVIL PLANS FOR FENCE LOCATION

1 FENCING PLAN
A100 3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

1 JUL 2026

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ARCHITECTURAL SITE PLAN

DRAWING NO.
A100

Drawn By: LMG Checked By: MTP

DRAWING NOTES

40.01 EXISTING HVAC CASEWORK COVERS SHALL BE CAREFULLY REMOVED PRIOR TO HVAC DEMOLITION AND PROTECTED FOR THE DURATION OF CONSTRUCTION. STORE AND PROTECT COVERS AND REINSTALL UPON COMPLETION OF WORK. REPAIR OR REPLACE ANY COVERS DAMAGED DURING CONSTRUCTION.

40.02 ALL EXISTING WALLS, FLOORS, MILLWORK AND FURNITURE TO BE PROTECTED FOR THE DURATION OF CONSTRUCTION. IN ROOMS WHERE WORK OCCURS, LIMIT DISTURBANCE TO THE MINIMUM NECESSARY TO COMPLETE THE WORK. ALL PROTECTED ITEMS TO BE INSPECTED BEFORE WORK WITH PHOTOGRAPHIC DOCUMENTATION OF THEIR CONDITION.

40.06 THE CONDITION OF THE EXISTING FOUNDATION AND ASSOCIATED WATERPROOFING ARE UNKNOWN. EXCAVATE ALONG BUILDING FOUNDATION TO INVESTIGATE FOR SIGNS OF WATER INFILTRATION. REPAIR OR REPLACE DAMAGED WATERPROOFING TO ENSURE WATERTIGHT BARRIER. INSTALL ALL WATERPROOFING MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND DETAILS.

40.08 ALL MOLD IMPACTED WALL MATERIALS SHALL BE REMOVED UNDER CONTROLLED CONDITIONS. INSTALL A ZIPPERED CRITICAL BARRIER AT THE DOORWAY TO ISOLATE THE WORK AREA AND MAINTAIN CONTAINMENT THROUGHOUT THE REMEDIATION PROCESS. DURING DEMOLITION, INSPECT ADJACENT WINDOWS AND SURROUNDING CONDITIONS FOR SIGNS OF LEAKS OR MOISTURE INTRUSION AND ADDRESS ANY DEFICIENCIES IDENTIFIED. REMOVE ALL IMPACTED MATERIALS, INCLUDING BUT NOT LIMITED TO DRYWALL AND INSULATION, AND EXTEND THE LIMITS OF REMOVAL AS NECESSARY TO ENSURE COMPLETE REMEDIATION. AFTER ALL VISIBLY IMPACTED MATERIALS HAVE BEEN REMOVED, REMOVE AN ADDITIONAL 2 FEET OF UNAFFECTED MATERIAL IN ALL DIRECTIONS TO PROVIDE PROPER CLEARANCE. FOLLOWING REMOVAL, CLEAN ALL EXPOSED STRUCTURAL COMPONENTS WITH HEPA VACUUMING AND WIPE DOWN SURFACES WITH AN APPROVED ANTIMICROBIAL OR BIOCIDE.

DRAWING NOTES

90.03 THE CONDITION OF EXISTING SHAFT ENCLOSURES IS UNDETERMINED. ASSUME ALL EXISTING SHAFTS, EXCEPT STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, ARE NON-RATED. DEMOLISH EXISTING GYPSUM BOARD WALLS AS REQUIRED TO FACILITATE RECONSTRUCTION OF A 1-HOUR FIRE-RESISTANCE-RATED SHAFT ENCLOSURE. NOTIFY THE ARCHITECT PRIOR TO DEMOLISHING POTENTIALLY HISTORIC WALLS, INCLUDING WALLS WITH STONE, BRICK, OR STUCCO FINISHES. REMOVE EXISTING BASES AS REQUIRED FOR REINSTALLATION. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT WALLS FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE TO EXISTING RATED SHAFT ASSEMBLIES SHALL BE REPAIRED USING MATERIALS AND METHODS REQUIRED TO RESTORE THE EXISTING FIRE-RESISTANCE RATING.

90.05 REMOVE EXISING DOOR, FRAME, AND HARDWARE. INFILLL OPENING TO MATCH ADJACENT WALL CONSTRUCTION, INCLUDING FRAMING, SHEETING, AND FINISHES. PATCH AND PAINT ALL ADJACENT SURFACES AS REQUIRED TO PROVIDE A SEAMLESS FINISHED APPEARANCE.

90.06 EXISTING WINDOW TO BE CAREFULLY REMOVED AS TO NOT DAMAGE THE WINDOW OR THE WALL SURROUNDING IT. RETURN WINDOW TO THE OWNER. PREPARE OPENING FOR NEW CUSTOM LOUVER.

90.07 REMOVE EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE. PREPARE OPENING FOR NEW DOOR AND FRAME AS SCHEDULED. RETURN DOOR TO OWNER FOR FUTURE REUSE.

90.11 PREPARE WALL FOR NEW PIPING WORK ASSOCIATED WITH HVAC REWORK. DEMOLISH WALL FROM INSIDE OFFICE TO AVOID DAMAGING HISTORICAL WALLS IN HALLWALL AND LOBBY. REFER TO MECHANICAL DRAWINGS FOR NEW HVAC UNIT AND PIPING LOCATIONS.

90.12 PREPARE WALL FOR NEW PIPING WORK ASSOCIATED WITH HVAC REWORK. REFER TO MECHANICAL DRAWINGS FOR NEW HVAC UNIT AND PIPING LOCATIONS.

90.13 REMOVE ALL EXISTING HVAC UNITS IN ROOM AND ASSOCIATED PIPING. PREPARE WALLS FOR NEW HVAC PIPING WORK. LIMITED EXPLORATORY DEMOLITION MAY BE REQUIRED TO LOCATE AND REMOVE EXISTING CONCEALED PIPING. MINIMIZE DAMAGE TO EXISTING WALL FINISHES. REMOVE BASES, CHAIR RAILS, AND OTHER TRIM WITH CARE AND REINSTALL TO MATCH EXISTING CONDITIONS AFTER COMPLETION OF WORK. REFER TO MECHANICAL DRAWINGS FOR NEW HVAC UNIT AND PIPING LOCATIONS.

90.15 PREPARE WALL FOR NEW WALL UTILITY BOX FOR CONDENSATE DRAIN. REFER TO MECHANICAL DRAWINGS FOR ALL LOCATIONS.

GENERAL DEMOLITION NOTES

A. THE CONTRACTOR SHALL CONTACT THE OWNER AND ARCHITECT IF HAZARDOUS MATERIALS ARE FOUND DURING DEMOLITION OR CONSTRUCTION.

B. ALL MATERIALS THAT HAVE BEEN DEMOLISHED SHALL BE REMOVED IMMEDIATELY AND DISPOSED OF PROPERLY. NO DEMOLISHED MATERIALS SHALL BE STOCKPILED ON SITE.

C. PROTECT OWNER'S PROPERTY AND PERSONS AT ALL TIMES.

D. ANY ITEMS NOT SHOWN TO BE DEMOLISHED THAT ARE DAMAGED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.

E. COORDINATE ANY SYSTEMS SHUTDOWNS WHICH MAY BE REQUIRED WITH THE OWNER.

F. PRIOR TO COMMENCING WITH THE DEMOLITION, THE CONTRACTOR SHALL ASCERTAIN FROM THE OWNER WHETHER OR NOT THE OWNER WISHES TO RETAIN ANY ITEMS. ANY SUCH ITEMS SHALL BE REMOVED WITH CARE SO AS TO PREVENT UNNECESSARY DAMAGE AND TURNED OVER TO THE OWNER.

G. THE CONTRACTOR SHALL CONTROL AND LIMIT DUST RESULTING FROM DEMOLITION AND PREVENT THE SPREAD OF DUST TO THE REMAINING BUILDING.

H. WHERE DAMPERS, CONDUIT, PIPING, ETC. ARE REMOVED FROM RATED WALLS, WALLS SHALL BE PATCHED AND SEALED TO MAINTAIN FIRE AND SMOKE RATING INTEGRITY OF WALLS.

I. CONTRACTOR SHALL MAKE FUNCTIONAL ALL CIRCUITS DISRUPTED BY ANY DEMOLITION.

J. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.

K. REMOVE ALL WIRING, CONDUIT, WIRING SYSTEMS AND EQUIPMENT MADE OBSOLETE BY DEMOLITION. ANY EXISTING CONDUIT SYSTEM THAT CAN BE REUSED IN PLACE IN THE NEW WORK MAY BE REUSED PROVIDED IT IS IN A CONDITION ACCEPTABLE TO THE ARCHITECT.

L. ALL LIGHTING FIXTURES WHICH ARE TO BE RELOCATED SHALL BE CLEANED AND RE-LAMPED.

M. DEMOLITION INCLUDES REMOVAL OF ALL ITEMS NECESSARY TO FACILITATE THE NEW CONSTRUCTION, WHETHER SPECIFICALLY INDICATED OR NOT, UNLESS NOTED OTHERWISE.

N. ALL UTILITIES DEMOLISHED SHALL BE COMPLETELY REMOVED AND/OR CAPPED. ALL FINISHES TO REMAIN THAT ARE DISTURBED SHALL BE REPAIRED TO MATCH EXISTING.

O. THE CONTRACTOR SHALL SURVEY AND DETERMINE THE REMOVAL OF EXISTING CONSTRUCTION, EITHER WHOLE OR IN PART, AS REQUIRED FOR THE INSTALLATION OF THE NEW MECHANICAL, PLUMBING AND ELECTRICAL WORK.

P. THE CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING FOR FINISHES, FURNITURE, AND FIXTURES IN EXISTING AREAS NOT DESIGNATED FOR DEMOLITION OR NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE CAUSED BY HIS WORK OR ANY SUBCONTRACTORS.

Q. AS APPLICABLE, PROVIDE TEMPORARY ENCLOSURE, BARRIERS AND COVERS TO PROTECT EXISTING FURNITURE, FIXTURES AND EQUIPMENT REMAINING IN PROJECT AREA DURING CONSTRUCTION.

R. REMOVE MECHANICAL AND ELECTRICAL FIXTURES AND CAP OR REMOVE EXISTING BRANCH LINES AS INDICATED IN MECHANICAL AND ELECTRICAL DRAWINGS.

S. COORDINATE PLANS FOR NEW CONSTRUCTION WITH DEMOLITION PLANS WITH EXTENT FOR REMOVAL REMOVE ONLY THOSE PORTIONS OF WALLS, FLOORS, CEILINGS, ETC. NECESSARY TO ACCOMMODATE NEW CONSTRUCTION.

T. SHOW EXISTING CONDITIONS IN SUFFICIENT DETAIL OF ADJOINING CONSTRUCTION, INCLUDING FINISH SURFACES THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY SELECTIVE DEMOLITION OPERATIONS. SUBMIT BEFORE WORK BEGINS.

U. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION SHALL BE REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED. REPAIR OR REPLACE AFFECTED FINISHES TO MATCH ADJACENT EXISTING CONSTRUCTION. REPORT SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH TO THE OWNER AND ARCHITECT IMMEDIATELY FOR FURTHER DIRECTION.

1 A101 1ST FLOOR DEMO
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

STATE OF SOUTH CAROLINA
DP3 ARCHITECTS LTD.
GREENVILLE, SC
B - 84017
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MICHAEL THOMAS WISE
GREENVILLE, SC
04570
REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3
ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
1ST FLOOR DEMOLITION FLOOR PLAN

DRAWING NO.
A101

Drawn By: LMG Checked By: MTP

DRAWING NOTES

40.01 EXISTING HVAC CASEWORK COVERS SHALL BE CAREFULLY REMOVED PRIOR TO HVAC DEMOLITION AND PROTECTED FOR THE DURATION OF CONSTRUCTION. STORE AND PROTECT COVERS AND REINSTALL UPON COMPLETION OF WORK. REPAIR OR REPLACE ANY COVERS DAMAGED DURING CONSTRUCTION.

40.02 ALL EXISTING WALLS, FLOORS, MILLWORK AND FURNITURE TO BE PROTECTED FOR THE DURATION OF CONSTRUCTION. IN ROOMS WHERE WORK OCCURS, LIMIT DISTURBANCE TO THE MINIMUM NECESSARY TO COMPLETE THE WORK. ALL PROTECTED ITEMS TO BE INSPECTED BEFORE WORK WITH PHOTOGRAPHIC DOCUMENTATION OF THEIR CONDITION.

90.03 THE CONDITION OF EXISTING SHAFT ENCLOSURES IS UNDETERMINED. ASSUME ALL EXISTING SHAFTS, EXCEPT STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, ARE NON-RATED. DEMOLISH EXISTING GYPSUM BOARD WALLS AS REQUIRED TO FACILITATE RECONSTRUCTION OF A 1-HOUR FIRE-RESISTANCE-RATED SHAFT ENCLOSURE. NOTIFY THE ARCHITECT PRIOR TO DEMOLISHING POTENTIALLY HISTORIC WALLS, INCLUDING WALLS WITH STONE, BRICK, OR STUCCO FINISHES. REMOVE EXISTING BASES AS REQUIRED FOR REINSTALLATION. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT WALLS FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE TO EXISTING RATED SHAFT ASSEMBLIES SHALL BE REPAIRED USING MATERIALS AND METHODS REQUIRED TO RESTORE THE EXISTING FIRE-RESISTANCE RATING.

90.13 REMOVE ALL EXISTING HVAC UNITS IN ROOM AND ASSOCIATED PIPING. PREPARE WALLS FOR NEW HVAC PIPING WORK. LIMITED EXPLORATORY DEMOLITION MAY BE REQUIRED TO LOCATE AND REMOVE EXISTING CONCEALED PIPING. MINIMIZE DAMAGE TO EXISTING WALL FINISHES. REMOVE BASES, CHAIR RAILS, AND OTHER TRIM WITH CARE AND REINSTALL TO MATCH EXISTING CONDITIONS AFTER COMPLETION OF WORK. REFER TO MECHANICAL DRAWINGS FOR NEW HVAC UNIT AND PIPING LOCATIONS.

90.15 PREPARE WALL FOR NEW WALL UTILITY BOX FOR CONDENSATE DRAIN. REFER TO MECHANICAL DRAWINGS FOR ALL LOCATIONS.

GENERAL DEMOLITION NOTES

A. THE CONTRACTOR SHALL CONTACT THE OWNER AND ARCHITECT IF HAZARDOUS MATERIALS ARE FOUND DURING DEMOLITION OR CONSTRUCTION.

B. ALL MATERIALS THAT HAVE BEEN DEMOLISHED SHALL BE REMOVED IMMEDIATELY AND DISPOSED OF PROPERLY. NO DEMOLISHED MATERIALS SHALL BE STOCKPILED ON SITE.

C. PROTECT OWNER'S PROPERTY AND PERSONS AT ALL TIMES.

D. ANY ITEMS NOT SHOWN TO BE DEMOLISHED THAT ARE DAMAGED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.

E. COORDINATE ANY SYSTEMS SHUTDOWNS WHICH MAY BE REQUIRED WITH THE OWNER.

F. PRIOR TO COMMENCING WITH THE DEMOLITION, THE CONTRACTOR SHALL ASCERTAIN FROM THE OWNER WHETHER OR NOT THE OWNER WISHES TO RETAIN ANY ITEMS. ANY SUCH ITEMS SHALL BE REMOVED WITH CARE SO AS TO PREVENT UNNECESSARY DAMAGE AND TURNED OVER TO THE OWNER.

G. THE CONTRACTOR SHALL CONTROL AND LIMIT DUST RESULTING FROM DEMOLITION AND PREVENT THE SPREAD OF DUST TO THE REMAINING BUILDING.

H. WHERE DAMPERS, CONDUIT, PIPING, ETC. ARE REMOVED FROM RATED WALLS, WALLS SHALL BE PATCHED AND SEALED TO MAINTAIN FIRE AND SMOKE RATING INTEGRITY OF WALLS.

I. CONTRACTOR SHALL MAKE FUNCTIONAL ALL CIRCUITS DISRUPTED BY ANY DEMOLITION.

J. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.

K. REMOVE ALL WIRING, CONDUIT, WIRING SYSTEMS AND EQUIPMENT MADE OBSOLETE BY DEMOLITION. ANY EXISTING CONDUIT SYSTEM THAT CAN BE REUSED IN PLACE IN THE NEW WORK MAY BE REUSED PROVIDED IT IS IN A CONDITION ACCEPTABLE TO THE ARCHITECT.

L. ALL LIGHTING FIXTURES WHICH ARE TO BE RELOCATED SHALL BE CLEANED AND RE-LAMPED.

M. DEMOLITION INCLUDES REMOVAL OF ALL ITEMS NECESSARY TO FACILITATE THE NEW CONSTRUCTION, WHETHER SPECIFICALLY INDICATED OR NOT, UNLESS NOTED OTHERWISE.

N. ALL UTILITIES DEMOLISHED SHALL BE COMPLETELY REMOVED AND/OR CAPPED. ALL FINISHES TO REMAIN THAT ARE DISTURBED SHALL BE REPAIRED TO MATCH EXISTING.

O. THE CONTRACTOR SHALL SURVEY AND DETERMINE THE REMOVAL OF EXISTING CONSTRUCTION, EITHER WHOLE OR IN PART, AS REQUIRED FOR THE INSTALLATION OF THE NEW MECHANICAL, PLUMBING AND ELECTRICAL WORK.

P. THE CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING FOR FINISHES, FURNITURE, AND FIXTURES IN EXISTING AREAS NOT DESIGNATED FOR DEMOLITION OR NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE CAUSED BY HIS WORK OR ANY SUBCONTRACTORS.

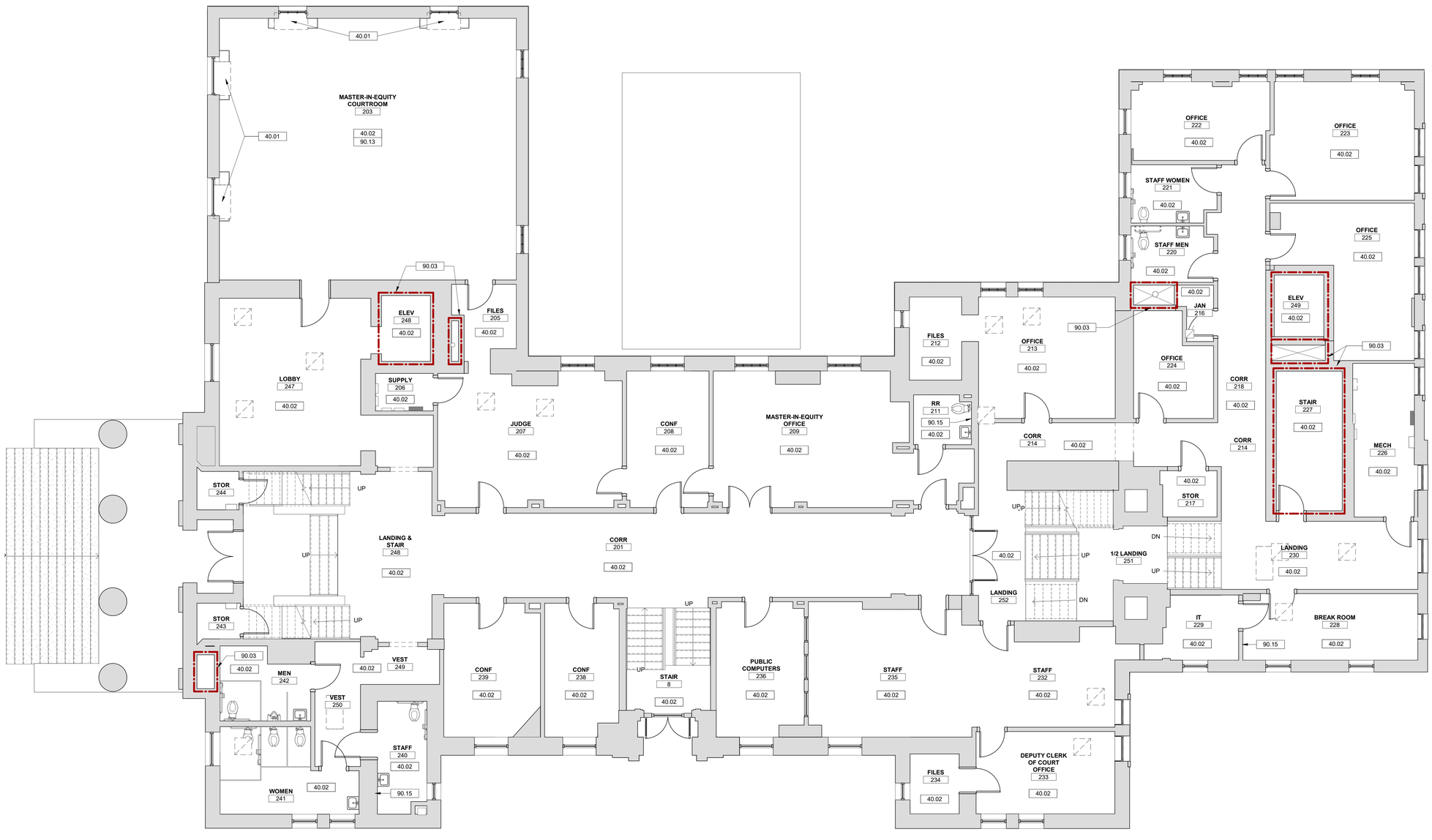
Q. AS APPLICABLE, PROVIDE TEMPORARY ENCLOSURE, BARRIERS AND COVERS TO PROTECT EXISTING FURNITURE, FIXTURES AND EQUIPMENT REMAINING IN PROJECT AREA DURING CONSTRUCTION.

R. REMOVE MECHANICAL AND ELECTRICAL FIXTURES AND CAP OR REMOVE EXISTING BRANCH LINES AS INDICATED IN MECHANICAL AND ELECTRICAL DRAWINGS.

S. COORDINATE PLANS FOR NEW CONSTRUCTION WITH DEMOLITION PLANS WITH EXTENT FOR REMOVAL. REMOVE ONLY THOSE PORTIONS OF WALLS, FLOORS, CEILINGS, ETC. NECESSARY TO ACCOMMODATE NEW CONSTRUCTION.

T. SHOW EXISTING CONDITIONS IN SUFFICIENT DETAIL OF ADJOINING CONSTRUCTION, INCLUDING FINISH SURFACES THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY SELECTIVE DEMOLITION OPERATIONS. SUBMIT BEFORE WORK BEGINS.

U. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION SHALL BE REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED. REPAIR OR REPLACE AFFECTED FINISHES TO MATCH ADJACENT EXISTING CONSTRUCTION. REPORT SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH TO THE OWNER AND ARCHITECT IMMEDIATELY FOR FURTHER DIRECTION.



1 A102 2ND FLOOR DEMO
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

STATE OF SOUTH CAROLINA
DP3 ARCHITECTS LTD.
GREENVILLE, SC
B - 84017
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MICHAEL THOMAS WEST
GREENVILLE, SC
04570
REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
2ND FLOOR DEMOLITION FLOOR PLAN

DRAWING NO.
A102

Drawn By: LMG Checked By: MTP

DRAWING NOTES

40.01 EXISTING HVAC CASEWORK COVERS SHALL BE CAREFULLY REMOVED PRIOR TO HVAC DEMOLITION AND PROTECTED FOR THE DURATION OF CONSTRUCTION. STORE AND PROTECT COVERS AND REINSTALL UPON COMPLETION OF WORK. REPAIR OR REPLACE ANY COVERS DAMAGED DURING CONSTRUCTION.

40.02 ALL EXISTING WALLS, FLOORS, MILLWORK AND FURNITURE TO BE PROTECTED FOR THE DURATION OF CONSTRUCTION. IN ROOMS WHERE WORK OCCURS, LIMIT DISTURBANCE TO THE MINIMUM NECESSARY TO COMPLETE THE WORK. ALL PROTECTED ITEMS TO BE INSPECTED BEFORE WORK WITH PHOTOGRAPHIC DOCUMENTATION OF THEIR CONDITION.

90.03 THE CONDITION OF EXISTING SHAFT ENCLOSURES IS UNDETERMINED. ASSUME ALL EXISTING SHAFTS, EXCEPT STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, ARE NON-RATED. DEMOLISH EXISTING GYPSUM BOARD WALLS AS REQUIRED TO FACILITATE RECONSTRUCTION OF A 1-HOUR FIRE-RESISTANCE-RATED SHAFT ENCLOSURE. NOTIFY THE ARCHITECT PRIOR TO DEMOLISHING POTENTIALLY HISTORIC WALLS, INCLUDING WALLS WITH STONE, BRICK, OR STUCCO FINISHES. REMOVE EXISTING BASES AS REQUIRED FOR REINSTALLATION. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT WALLS FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE TO EXISTING RATED SHAFT ASSEMBLIES SHALL BE REPAIRED USING MATERIALS AND METHODS REQUIRED TO RESTORE THE EXISTING FIRE-RESISTANCE RATING.

90.14 REMOVE ALL EXISTING HVAC UNITS IN ROOM AND ASSOCIATED PIPING. PREPARE WALLS FOR NEW HVAC PIPING WORK. LIMITED EXPLORATORY DEMOLITION MAY BE REQUIRED TO LOCATE ACCESS, AND REMOVE EXISTING CONCEALED PIPING. THIS ROOM IS A PRIMARY HISTORIC SPACE WITHIN THE COURTHOUSE; REMOVE ONLY THE MINIMUM AMOUNT OF WALL CONSTRUCTION NECESSARY TO COMPLETE THE WORK. COVER AND PROTECT ALL EXISTING FURNITURE, MILLWORK, AND OTHER HISTORIC FEATURES TO REMAIN. REMOVE BASES, CHAIR RAILS, TRIM, AND OTHER CHARACTER-DEFINING FEATURES WITH CARE AND REINSTALL TO MATCH EXISTING CONDITIONS. PATCH AND REPAIR DISTURBED AREAS TO MATCH ADJACENT HISTORIC MATERIALS, TEXTURES, PROFILES, AND FINISHES. REPLACEMENT OF HISTORIC MATERIALS SHALL BE LIMITED TO PORTIONS DAMAGED DURING CONSTRUCTION OR DETERMINED TO BE UNSALVAGEABLE. REFER TO MECHANICAL DRAWINGS FOR NEW HVAC UNIT AND PIPING LOCATIONS.

90.15 PREPARE WALL FOR NEW WALL UTILITY BOX FOR CONDENSATE DRAIN. REFER TO MECHANICAL DRAWINGS FOR ALL LOCATIONS.

GENERAL DEMOLITION NOTES

A. THE CONTRACTOR SHALL CONTACT THE OWNER AND ARCHITECT IF HAZARDOUS MATERIALS ARE FOUND DURING DEMOLITION OR CONSTRUCTION.

B. ALL MATERIALS THAT HAVE BEEN DEMOLISHED SHALL BE REMOVED IMMEDIATELY AND DISPOSED OF PROPERLY. NO DEMOLISHED MATERIALS SHALL BE STOCKPILED ON SITE.

C. PROTECT OWNER'S PROPERTY AND PERSONS AT ALL TIMES.

D. ANY ITEMS NOT SHOWN TO BE DEMOLISHED THAT ARE DAMAGED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.

E. COORDINATE ANY SYSTEMS SHUTDOWNS WHICH MAY BE REQUIRED WITH THE OWNER.

F. PRIOR TO COMMENCING WITH THE DEMOLITION, THE CONTRACTOR SHALL ASCERTAIN FROM THE OWNER WHETHER OR NOT THE OWNER WISHES TO RETAIN ANY ITEMS. ANY SUCH ITEMS SHALL BE REMOVED WITH CARE SO AS TO PREVENT UNNECESSARY DAMAGE AND TURNED OVER TO THE OWNER.

G. THE CONTRACTOR SHALL CONTROL AND LIMIT DUST RESULTING FROM DEMOLITION AND PREVENT THE SPREAD OF DUST TO THE REMAINING BUILDING.

H. WHERE DAMPERS, CONDUIT, PIPING, ETC. ARE REMOVED FROM RATED WALLS, WALLS SHALL BE PATCHED AND SEALED TO MAINTAIN FIRE AND SMOKE RATING INTEGRITY OF WALLS.

I. CONTRACTOR SHALL MAKE FUNCTIONAL ALL CIRCUITS DISRUPTED BY ANY DEMOLITION.

J. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.

K. REMOVE ALL WIRING, CONDUIT, WIRING SYSTEMS AND EQUIPMENT MADE OBSOLETE BY DEMOLITION. ANY EXISTING CONDUIT SYSTEM THAT CAN BE REUSED IN PLACE IN THE NEW WORK MAY BE REUSED PROVIDED IT IS IN A CONDITION ACCEPTABLE TO THE ARCHITECT.

L. ALL LIGHTING FIXTURES WHICH ARE TO BE RELOCATED SHALL BE CLEANED AND RE-LAMPED.

M. DEMOLITION INCLUDES REMOVAL OF ALL ITEMS NECESSARY TO FACILITATE THE NEW CONSTRUCTION, WHETHER SPECIFICALLY INDICATED OR NOT, UNLESS NOTED OTHERWISE.

N. ALL UTILITIES DEMOLISHED SHALL BE COMPLETELY REMOVED AND/OR CAPPED. ALL FINISHES TO REMAIN THAT ARE DISTURBED SHALL BE REPAIRED TO MATCH EXISTING.

O. THE CONTRACTOR SHALL SURVEY AND DETERMINE THE REMOVAL OF EXISTING CONSTRUCTION, EITHER WHOLE OR IN PART, AS REQUIRED FOR THE INSTALLATION OF THE NEW MECHANICAL, PLUMBING AND ELECTRICAL WORK.

P. THE CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING FOR FINISHES, FURNITURE, AND FIXTURES IN EXISTING AREAS NOT DESIGNATED FOR DEMOLITION OR NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE CAUSED BY HIS WORK OR ANY SUBCONTRACTORS.

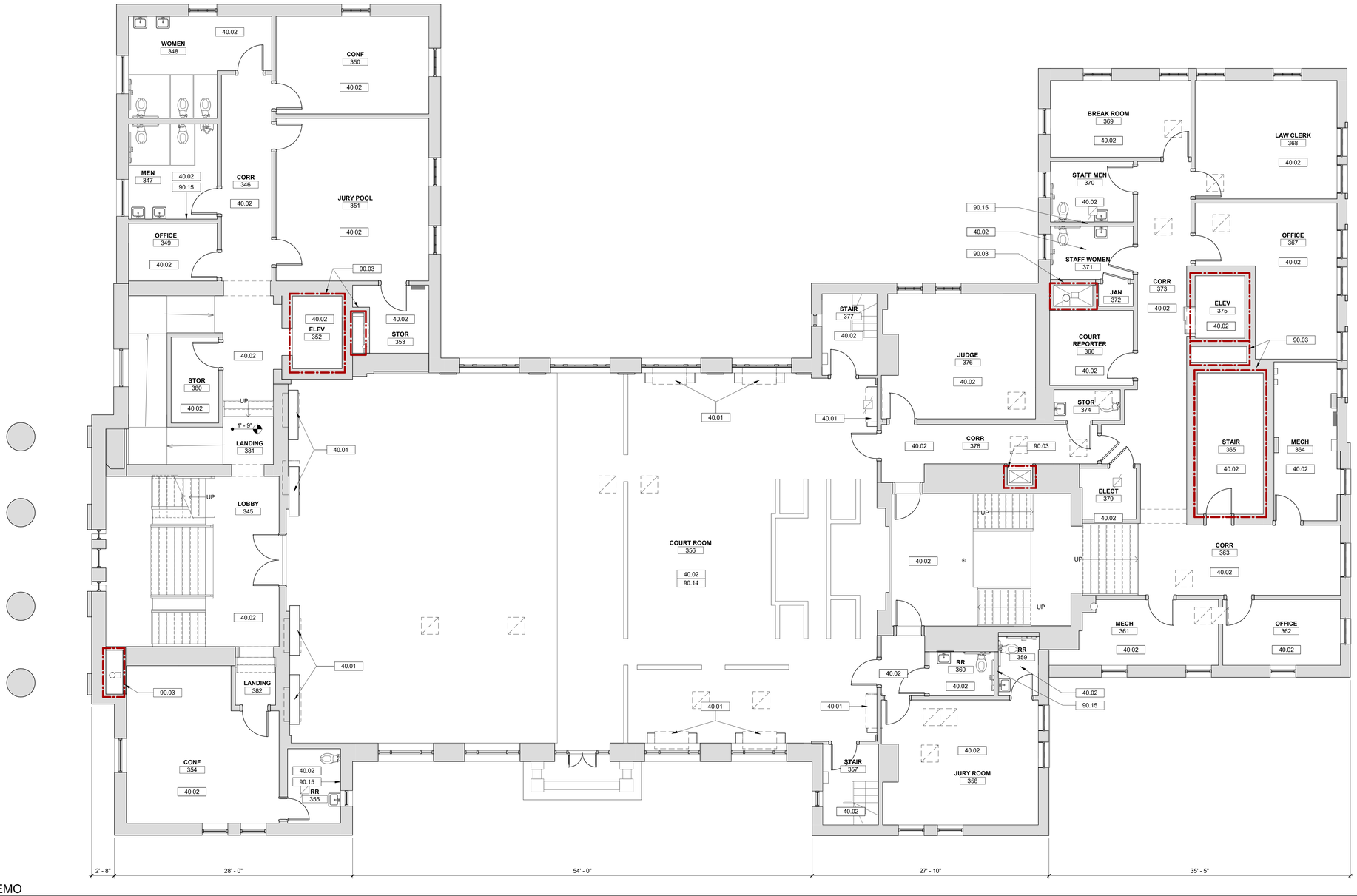
Q. AS APPLICABLE, PROVIDE TEMPORARY ENCLOSURE, BARRIERS AND COVERS TO PROTECT EXISTING FURNITURE, FIXTURES AND EQUIPMENT REMAINING IN PROJECT AREA DURING CONSTRUCTION.

R. REMOVE MECHANICAL AND ELECTRICAL FIXTURES AND CAP OR REMOVE EXISTING BRANCH LINES AS INDICATED IN MECHANICAL AND ELECTRICAL DRAWINGS.

S. COORDINATE PLANS FOR NEW CONSTRUCTION WITH DEMOLITION PLANS WITH EXTENT FOR REMOVAL. REMOVE ONLY THOSE PORTIONS OF WALLS, FLOORS, CEILINGS, ETC. NECESSARY TO ACCOMMODATE NEW CONSTRUCTION.

T. SHOW EXISTING CONDITIONS IN SUFFICIENT DETAIL OF ADJOINING CONSTRUCTION, INCLUDING FINISH SURFACES THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY SELECTIVE DEMOLITION OPERATIONS. SUBMIT BEFORE WORK BEGINS.

U. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION SHALL BE REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED. REPAIR OR REPLACE AFFECTED FINISHES TO MATCH ADJACENT EXISTING CONSTRUCTION. REPORT SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH TO THE OWNER AND ARCHITECT IMMEDIATELY FOR FURTHER DIRECTION.



1 A103 3RD FLOOR DEMO
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE) 0" 1" 2" 3" 4"

STATE OF SOUTH CAROLINA DP3 ARCHITECTS LTD. GREENVILLE, SC B - 84017 REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA MICHAEL THOMAS WEST GREENVILLE, SC 04570 REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
3RD FLOOR DEMOLITION FLOOR PLAN

DRAWING NO.
A103

Drawn By: LMG Checked By: MTP

DRAWING NOTES

40.02 ALL EXISTING WALLS, FLOORS, MILLWORK AND FURNITURE TO BE PROTECTED FOR THE DURATION OF CONSTRUCTION. IN ROOMS WHERE WORK OCCURS, LIMIT DISTURBANCE TO THE MINIMUM NECESSARY TO COMPLETE THE WORK. ALL PROTECTED ITEMS TO BE INSPECTED BEFORE WORK WITH PHOTOGRAPHIC DOCUMENTATION OF THEIR CONDITION.

90.03 THE CONDITION OF EXISTING SHAFT ENCLOSURES IS UNDETERMINED. ASSUME ALL EXISTING SHAFTS, EXCEPT STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, ARE NON-RATED. DEMOLISH EXISTING GYPSUM BOARD WALLS AS REQUIRED TO FACILITATE RECONSTRUCTION OF A 1-HOUR FIRE-RESISTANCE-RATED SHAFT ENCLOSURE. NOTIFY THE ARCHITECT PRIOR TO DEMOLISHING POTENTIALLY HISTORIC WALLS, INCLUDING WALLS WITH STONE, BRICK, OR STUCCO FINISHES. REMOVE EXISTING BASES AS REQUIRED FOR REINSTALLATION. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT WALLS FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE TO EXISTING RATED SHAFT ASSEMBLIES SHALL BE REPAIRED USING MATERIALS AND METHODS REQUIRED TO RESTORE THE EXISTING FIRE-RESISTANCE RATING.

90.08 REMOVE EXISTING DUCTWORK, SHEET METAL INFILL, AND ASSOCIATED MATERIALS AT FORMER WINDOW OPENING. PREPARE OPENING TO RECEIVE NEW HVAC PENETRATION. PROTECT EXISTING MASONRY, WINDOW TRIM, AND ADJACENT HISTORIC FEATURES TO REMAIN.

90.09 REMOVE EXISTING HVAC EQUIPMENT. ABANDON ALL ASSOCIATED PIPES AND PENETRATIONS TO CAP AND SEAL WEATHER-TIGHT. EXISTING CURBS MAY REMAIN WHERE NOT IMPACTING NEW WORK. PROVIDE FLASHING, SEALANTS, AND ACCESSORIES AS REQUIRED FOR ALL INFILLED PENETRATIONS IN ACCORDANCE WITH THE ROOFING MANUFACTURER'S CURRENT WARRANTED DETAILS.

90.15 PREPARE WALL FOR NEW WALL UTILITY BOX FOR CONDENSATE DRAIN. REFER TO MECHANICAL DRAWINGS FOR ALL LOCATIONS.

GENERAL DEMOLITION NOTES

A. THE CONTRACTOR SHALL CONTACT THE OWNER AND ARCHITECT IF HAZARDOUS MATERIALS ARE FOUND DURING DEMOLITION OR CONSTRUCTION.

B. ALL MATERIALS THAT HAVE BEEN DEMOLISHED SHALL BE REMOVED IMMEDIATELY AND DISPOSED OF PROPERLY. NO DEMOLISHED MATERIALS SHALL BE STOCKPILED ON SITE.

C. PROTECT OWNER'S PROPERTY AND PERSONS AT ALL TIMES.

D. ANY ITEMS NOT SHOWN TO BE DEMOLISHED THAT ARE DAMAGED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.

E. COORDINATE ANY SYSTEMS SHUTDOWNS WHICH MAY BE REQUIRED WITH THE OWNER.

F. PRIOR TO COMMENCING WITH THE DEMOLITION, THE CONTRACTOR SHALL ASCERTAIN FROM THE OWNER WHETHER OR NOT THE OWNER WISHES TO RETAIN ANY ITEMS. ANY SUCH ITEMS SHALL BE REMOVED WITH CARE SO AS TO PREVENT UNNECESSARY DAMAGE AND TURNED OVER TO THE OWNER.

G. THE CONTRACTOR SHALL CONTROL AND LIMIT DUST RESULTING FROM DEMOLITION AND PREVENT THE SPREAD OF DUST TO THE REMAINING BUILDING.

H. WHERE DAMPERS, CONDUIT, PIPING, ETC. ARE REMOVED FROM RATED WALLS, WALLS SHALL BE PATCHED AND SEALED TO MAINTAIN FIRE AND SMOKE RATING INTEGRITY OF WALLS.

I. CONTRACTOR SHALL MAKE FUNCTIONAL ALL CIRCUITS DISRUPTED BY ANY DEMOLITION.

J. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.

K. REMOVE ALL WIRING, CONDUIT, WIRING SYSTEMS AND EQUIPMENT MADE OBSOLETE BY DEMOLITION. ANY EXISTING CONDUIT SYSTEM THAT CAN BE REUSED IN PLACE IN THE NEW WORK MAY BE REUSED PROVIDED IT IS IN A CONDITION ACCEPTABLE TO THE ARCHITECT.

L. ALL LIGHTING FIXTURES WHICH ARE TO BE RELOCATED SHALL BE CLEANED AND RE-LAMPED.

M. DEMOLITION INCLUDES REMOVAL OF ALL ITEMS NECESSARY TO FACILITATE THE NEW CONSTRUCTION, WHETHER SPECIFICALLY INDICATED OR NOT, UNLESS NOTED OTHERWISE.

N. ALL UTILITIES DEMOLISHED SHALL BE COMPLETELY REMOVED AND/OR CAPPED. ALL FINISHES TO REMAIN THAT ARE DISTURBED SHALL BE REPAIRED TO MATCH EXISTING.

O. THE CONTRACTOR SHALL SURVEY AND DETERMINE THE REMOVAL OF EXISTING CONSTRUCTION, EITHER WHOLE OR IN PART, AS REQUIRED FOR THE INSTALLATION OF THE NEW MECHANICAL, PLUMBING AND ELECTRICAL WORK.

P. THE CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING FOR FINISHES, FURNITURE, AND FIXTURES IN EXISTING AREAS NOT DESIGNATED FOR DEMOLITION OR NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE CAUSED BY HIS WORK OR ANY SUBCONTRACTORS.

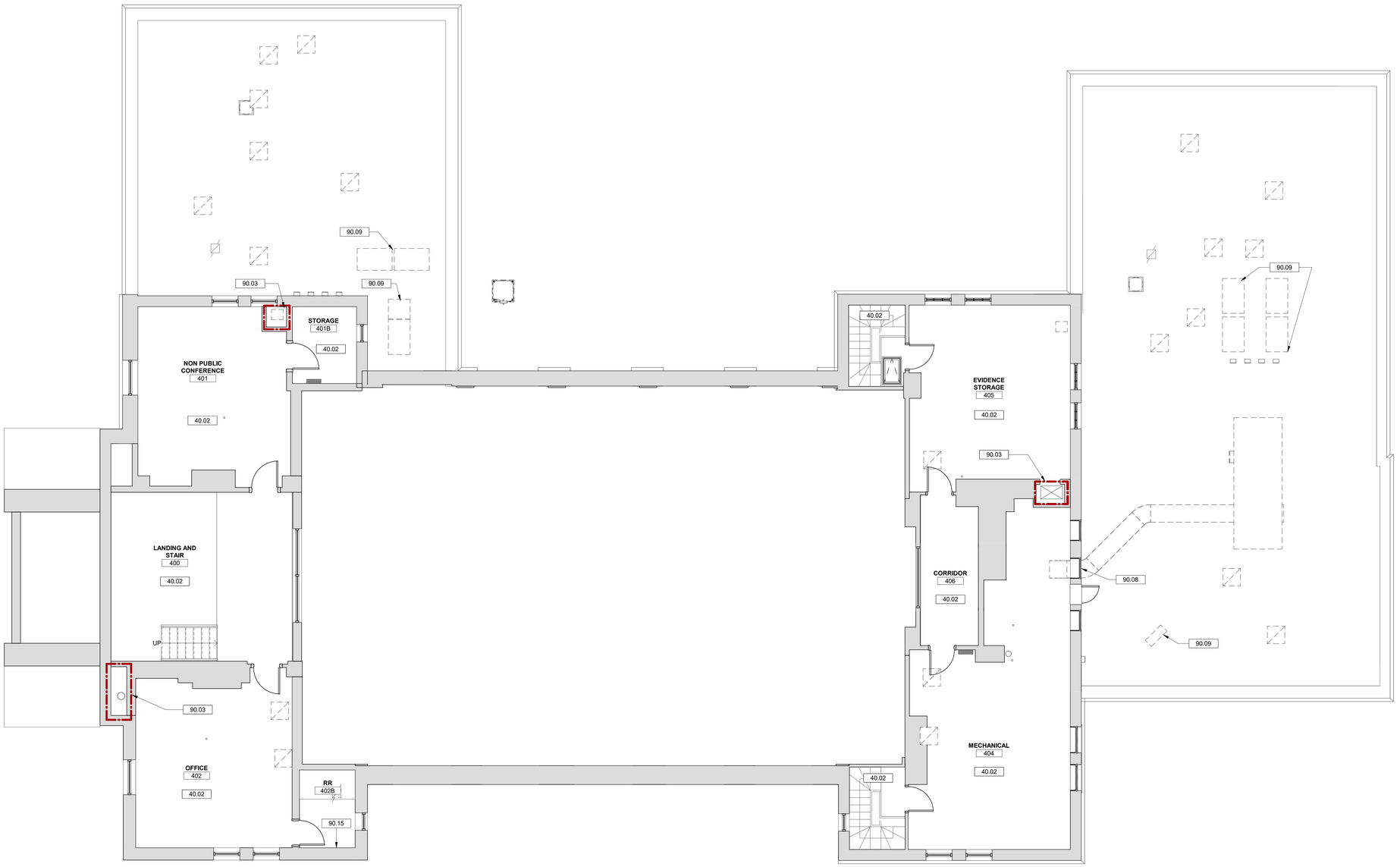
Q. AS APPLICABLE, PROVIDE TEMPORARY ENCLOSURE, BARRIERS AND COVERS TO PROTECT EXISTING FURNITURE, FIXTURES AND EQUIPMENT REMAINING IN PROJECT AREA DURING CONSTRUCTION.

R. REMOVE MECHANICAL AND ELECTRICAL FIXTURES AND CAP OR REMOVE EXISTING BRANCH LINES AS INDICATED IN MECHANICAL AND ELECTRICAL DRAWINGS.

S. COORDINATE PLANS FOR NEW CONSTRUCTION WITH DEMOLITION PLANS WITH EXTENT FOR REMOVAL. REMOVE ONLY THOSE PORTIONS OF WALLS, FLOORS, CEILINGS, ETC. NECESSARY TO ACCOMMODATE NEW CONSTRUCTION.

T. SHOW EXISTING CONDITIONS IN SUFFICIENT DETAIL OF ADJOINING CONSTRUCTION, INCLUDING FINISH SURFACES THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY SELECTIVE DEMOLITION OPERATIONS. SUBMIT BEFORE WORK BEGINS.

U. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION SHALL BE REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED. REPAIR OR REPLACE AFFECTED FINISHES TO MATCH ADJACENT EXISTING CONSTRUCTION. REPORT SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH TO THE OWNER AND ARCHITECT IMMEDIATELY FOR FURTHER DIRECTION.



1 A104 4TH FLOOR DEMO
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

DP3 ARCHITECTS LTD. B - 84017 GREENVILLE, SC REGISTERED ARCHITECT

MICHAEL THOMAS WISE GREENVILLE, SC 04570 REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
4TH FLOOR DEMOLITION FLOOR PLAN

DRAWING NO.
A104

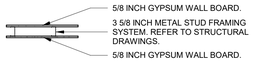
Drawn By: LMG Checked By: MTP

FLOOR PLAN LEGEND

- X — WALL TYPE
- (X) — WINDOW TYPE
- (101) — DOOR TYPE
- 00.00 — KEY NOTE

WALL TYPE LEGEND

1



5/8 INCH GYPSUM WALL BOARD.
3 5/8 INCH METAL STUD FRAMING SYSTEM. REFER TO STRUCTURAL DRAWINGS.
5/8 INCH GYPSUM WALL BOARD.

2 — 1 HOUR RATED SHAFT WALL UL DESIGN NO. U415 SYSTEM A (SEE 2ND AND 3RD FLOOR PLAN)

1" THICK GLASS MAT LINER PANEL
1 1/2" C-H STUD SYSTEM; 20 GAUGE.
5/8 INCH GYPSUM WALL BOARD.

DOOR SCHEDULE

MARK	LOCATION	TYPE	DOOR HEIGHT	DOOR WIDTH	DOOR MATERIAL	HARDWARE SET	FRAME TYPE	FRAME MATERIAL	COMMENTS
001	MECH	MATCH EXISITNG	7' - 0"	3' - 0"	WD	1	MATCH EXISITNG	HM/WD	HOLLOW METAL FRAME WITH WOOD TRIM. STAIN TO MATCH EXISTING.
002	MECH	MATCH EXISITNG	7' - 0"	2' - 10"	WD	1	MATCH EXISITNG	HM/WD	HOLLOW METAL FRAME WITH WOOD TRIM. STAIN TO MATCH EXISTING.

NOTE: CONTRACTOR SHALL VERIFY ALL EXISTING OPENING DIMENSIONS, DOOR TYPES, FRAME TYPES, AND TRIM CONDITIONS PRIOR TO PROCUREMENT. NEW DOORS, FRAMES, CASINGS, AND MOULDINGS SHALL MATCH EXISTING MATERIALS, PROFILES, DIMENSIONS, DEPTHS, AND THICKNESSES UNLESS NOTED OTHERWISE.

HARDWARE SCHEDULE

HARDWARE SET 1	
QUANTITY	ITEM
3	HINGE
1	PANIC DEVICE
1	STORAGE FUNCTION LEVER
1	PULL
1	CLOSER
3	SILENCERS

NOTE: HARDWARE SHALL MATCH EXISTING. CONTRACTOR SHALL VERIFY EXISTING HARDWARE TYPE, FUNCTION, FINISH, MANUFACTURER, AND MODEL, AND SUBMIT PROPOSED HARDWARE FOR ARCHITECT'S REVIEW PRIOR TO PROCUREMENT.

DRAWING NOTES

40.01 EXISTING HVAC CASEWORK COVERS SHALL BE CAREFULLY REMOVED PRIOR TO HVAC DEMOLITION AND PROTECTED FOR THE DURATION OF CONSTRUCTION. STORE AND PROTECT COVERS AND REINSTALL UPON COMPLETION OF WORK. REPAIR OR REPLACE ANY COVERS DAMAGED DURING CONSTRUCTION.

40.02 ALL EXISTING WALLS, FLOORS, MILLWORK AND FURNITURE TO BE PROTECTED FOR THE DURATION OF CONSTRUCTION. IN ROOMS WHERE WORK OCCURS, LIMIT DISTURBANCE TO THE MINIMUM NECESSARY TO COMPLETE THE WORK. ALL PROTECTED ITEMS TO BE INSPECTED BEFORE WORK WITH PHOTOGRAPHIC DOCUMENTATION OF THEIR CONDITION.

40.03 RECONSTRUCT EXISTING SHAFT ENCLOSURES AS REQUIRED TO PROVIDE A MINIMUM 1-HOUR FIRE-RESISTANCE RATING, EXCEPT AT EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, WHICH SHALL REMAIN UNMODIFIED. REINSTALL EXISTING BASES WHERE REMOVED. PROVIDE APPROVED FIRESTOPPING AT ALL NEW PENETRATIONS AND SEAL ALL ABANDONED OPENINGS AND EXISTING THROUGH-WALL PENETRATIONS AS REQUIRED TO MAINTAIN THE REQUIRED FIRE-RESISTANCE RATING OF THE SHAFT ENCLOSURE. COORDINATE ALL WORK WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT ASSEMBLIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE OR NEW PENETRATIONS SHALL BE REPAIRED AND FIRESTOPPED AS REQUIRED TO MAINTAIN THE EXISTING FIRE-RESISTANCE RATING.

40.04 EXISTING WALL DIFFUSERS IN HISTORIC PLASTER WALLS SHALL REMAIN. SEAL AND ABANDON DIFFUSERS. CLEAN AND REPAIR ADJACENT PLASTER SURFACES AS NECESSARY. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS, QUANTITIES, AND DETAILS.

40.05 NEW LOUVER IN EXISTING WINDOW OPENING. REFER TO MECHANICAL DRAWINGS AND ARCHITECTURAL DETAILS.

40.06 THE CONDITION OF THE EXISTING FOUNDATION AND ASSOCIATED WATERPROOFING ARE UNKNOWN. EXCAVATE ALONG BUILDING FOUNDATION TO INVESTIGATE FOR SIGNS OF WATER INFILTRATION, REPAIR OR REPLACE DAMAGED WATERPROOFING TO ENSURE WATERTIGHT BARRIER. INSTALL ALL WATERPROOFING MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND DETAILS.

40.08 ALL MOLD IMPACTED WALL MATERIALS SHALL BE REMOVED UNDER CONTROLLED CONDITIONS. INSTALL A ZIPPERED CRITICAL BARRIER AT THE DOORWAY TO ISOLATE THE WORK AREA AND MAINTAIN CONTAINMENT THROUGHOUT THE REMEDIATION PROCESS. DURING DEMOLITION, INSPECT ADJACENT WINDOWS AND SURROUNDING CONDITIONS FOR SIGNS OF LEAKS OR MOISTURE INTRUSION AND ADDRESS ANY DEFICIENCIES IDENTIFIED. REMOVE ALL IMPACTED MATERIALS, INCLUDING BUT NOT LIMITED TO DRYWALL AND INSULATION, AND EXTEND THE LIMITS OF REMOVAL AS NECESSARY TO ENSURE COMPLETE REMEDIATION. AFTER ALL VISIBLY IMPACTED MATERIALS HAVE BEEN REMOVED, REMOVE AN ADDITIONAL 2 FEET OF UNAFFECTED MATERIAL IN ALL DIRECTIONS TO PROVIDE PROPER CLEARANCE. FOLLOWING REMOVAL, CLEAN ALL EXPOSED STRUCTURAL COMPONENTS WITH HEPA VACUUMING AND WIPE DOWN SURFACES WITH AN APPROVED ANTIMICROBIAL OR BIOCIDE.

40.09 NEW HVAC COVER CASEWORK TO MATCH EXISTING ADJACENT CASEWORK IN PROFILE, FINISH, AND WOOD COLOR. MODIFY BACK OF CASEWORK AS REQUIRED TO FIT AROUND EXISTING WOOD OR MARBLE BASE. REFER TO CASEWORK DETAILS. MODIFY EXISTING WALL AS REQUIRED FOR INSTALLATION OF NEW HVAC PIPING, CONDUITS, AND ASSOCIATED COMPONENTS. PATCH AND REPAIR WALL CONSTRUCTION FOLLOWING INSTALLATION TO MATCH ADJACENT EXISTING SURFACES, INCLUDING SUBSTRATES, TRIM, FINISHES, AND PAINT. PATCH AND REPAIR ADJACENT SURFACES AS REQUIRED TO PROVIDE A SEAMLESS FINISHED APPEARANCE.

40.11 NEW WALL INFILL TO MATCH ADJACENT WALL CONSTRUCTION INCLUDING FRAMING, SHEATHING, AND FINISHES. PATCH AND REPAIR ALL ADJACENT SURFACES AS REQUIRED TO PROVIDE A SEAMLESS FINISHED APPEARANCE.

40.13 NEW MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS.

GENERAL FLOOR PLAN NOTES

A. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND REPORT DISCREPANCIES IMMEDIATELY TO THE ARCHITECT.

B. DIMENSIONS ARE TO CENTERLINE OF COLUMN LINES, FACE OF INTERIOR STUDS, FACE OF EXTERIOR WALL SHEATHING AND FACE OF MASONRY, UNLESS NOTED OTHERWISE.

C. THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING, MECHANICAL AND ELECTRICAL WORK.

D. DOOR JAMBS ARE 6" NEAREST PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.

E. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS FOR ALL MEASUREMENTS.

F. ROOMS ARE DEFINED BY WALLS, FACES OF DOORS AND ROOM CHANGE INDICATORS.

G. PROVIDE WOOD BLOCKING IN PARTITIONS AT ALL LOCATIONS WHERE WORK SURFACES, SHELVING, BRACKETS, DISPLAYS, GRAB BARS, HANDRAILS AND/OR EQUIPMENT WILL BE MOUNTED OR ATTACHED TO THE FACE OF THE WALL. ALL CONCEALED WOOD SHALL BE FIRE-RETARDANT LUMBER.

H. LUMBER AND BLOCKING IN CONTACT WITH MASONRY AND CONCRETE SHALL BE PRESSURE TREATED.

I. USE MOISTURE RESISTANT (TYPE "X" AS REQUIRED) GWB BEHIND ALL SINKS AND WET AREAS.

J. NON-FIXED FURNITURE AND EQUIPMENT IS SHOWN FOR REFERENCE ONLY. NO NON-FIXED FURNITURE, FURNISHINGS OR EQUIPMENT ARE A PART OF THE CONSTRUCTION CONTRACT UNLESS NOTED OTHERWISE.

K. THE CONTRACT DRAWINGS WERE PREPARED BASED ON EXISTING DRAWINGS, SITE SURVEY, AND OTHER DOCUMENTS AND INFORMATION PROVIDED TO THE ARCHITECT BY YORK COUNTY. ACTUAL FIELD CONDITIONS MAY VARY FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS AND COORDINATING ANY VARIANCES WITH THE OWNER AND ARCHITECT.

L. IF ANY WALL IDENTIFIED IN THE DRAWING SET AS FIRE RATED IS FOUND IN THE FIELD TO NOT BE FIRE RATED, NOTIFY THE ARCHITECT AND AUTHORITY HAVING JURISDICTION (AHJ). UNLESS OTHERWISE DIRECTED BY THE AHJ, ANY NONCOMPLIANT WALLS, OPENINGS, OR PENETRATIONS SHALL BE BROUGHT INTO COMPLIANCE WITH CURRENT CODE REQUIREMENTS AS NOTED ON SHEET LS101.

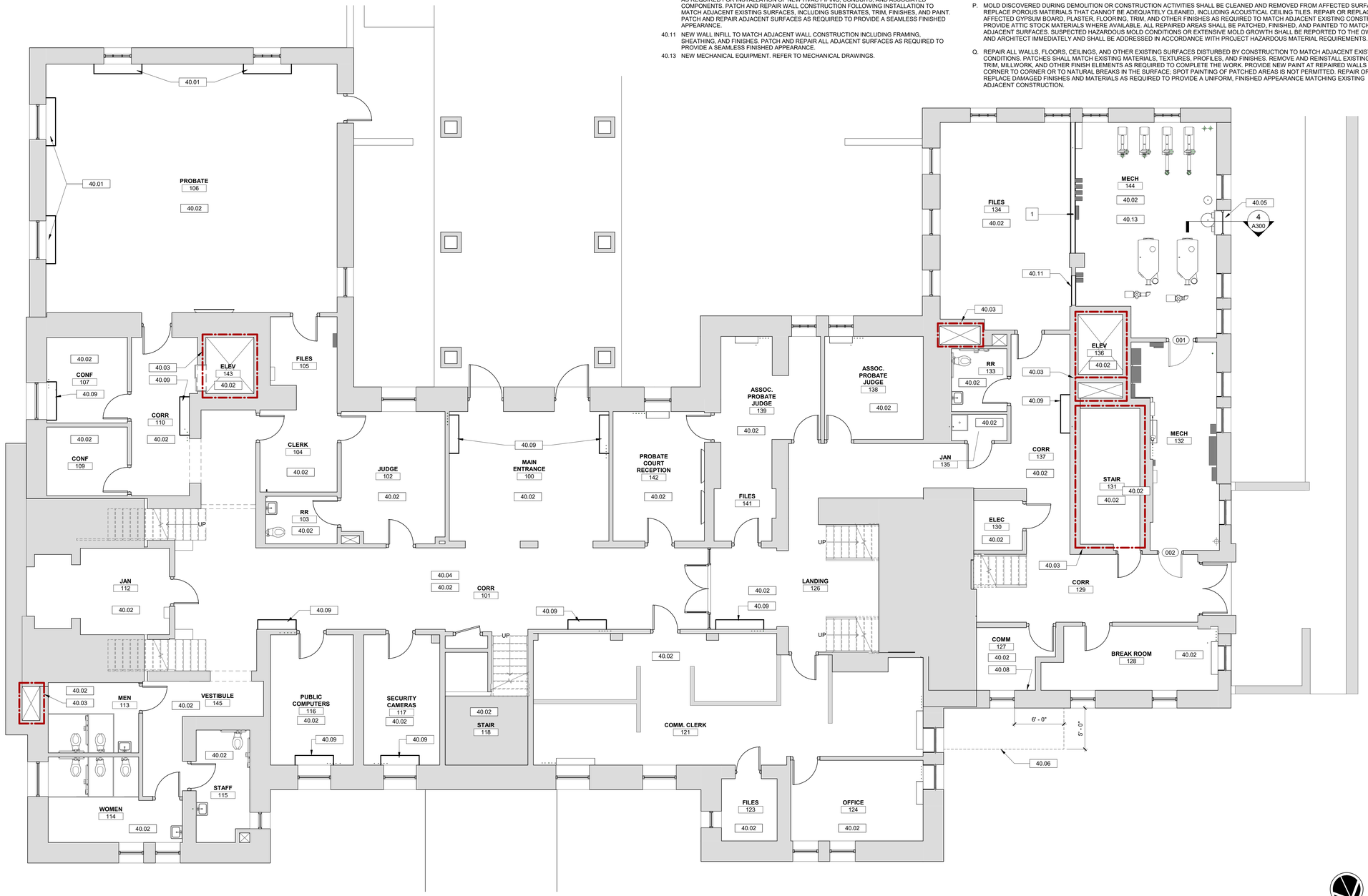
M. DURING DEMOLITION AND CONSTRUCTION, MAINTAIN RELATIVE HUMIDITY LEVELS WITHIN THE BUILDING BETWEEN 30% AND 60% IN ACCORDANCE WITH EPA RECOMMENDATIONS. AIR SCRUBBERS AND DEHUMIDIFIERS SHALL REMAIN IN CONTINUOUS OPERATION UNTIL THE NEW HVAC SYSTEM IS INSTALLED AND FULLY OPERATIONAL. THIRD PARTY AIR QUALITY TESTING SHALL BE PERFORMED ON A MONTHLY BASIS THROUGHOUT CONSTRUCTION.

N. ALL GYPSUM WALLS DISTURBED BY CONSTRUCTION SHALL BE PATCHED, REPAIRED, AND PAINTED. PAINT ENTIRE AFFECTED WALL FROM FLOOR TO CEILING AND CORNER TO CORNER TO MATCH EXISTING ADJACENT FINISHES.

O. ALL EXISTING PLASTER WALLS AND CEILINGS ARE CONSIDERED PART OF THE HISTORIC CHARACTER OF THE BUILDING AND SHALL BE PROTECTED DURING CONSTRUCTION. DISTURBANCE OR REMOVAL OF EXISTING PLASTER SHALL BE MINIMIZED. ANY PLASTER DISTURBED BY CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING HISTORIC MATERIALS, TEXTURE, AND FINISH TO THE GREATEST EXTENT POSSIBLE.

P. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BE CLEANED AND REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED, INCLUDING ACOUSTICAL CEILING TILES. REPAIR OR REPLACE AFFECTED GYPSUM BOARD, PLASTER, FLOORING, TRIM, AND OTHER FINISHES AS REQUIRED TO MATCH ADJACENT EXISTING CONSTRUCTION. PROVIDE ATTIC STOCK MATERIALS WHERE AVAILABLE. ALL REPAIRED AREAS SHALL BE PATCHED, FINISHED, AND PAINTED TO MATCH ADJACENT SURFACES. SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH SHALL BE REPORTED TO THE OWNER AND ARCHITECT IMMEDIATELY AND SHALL BE ADDRESSED IN ACCORDANCE WITH PROJECT HAZARDOUS MATERIAL REQUIREMENTS.

Q. REPAIR ALL WALLS, FLOORS, CEILINGS, AND OTHER EXISTING SURFACES DISTURBED BY CONSTRUCTION TO MATCH ADJACENT EXISTING CONDITIONS. PATCHES SHALL MATCH EXISTING MATERIALS, TEXTURES, PROFILES, AND FINISHES. REMOVE AND REINSTALL EXISTING BASES, TRIM, MILLWORK, AND OTHER FINISH ELEMENTS AS REQUIRED TO COMPLETE THE WORK. PROVIDE NEW PAINT AT REPAIRED WALLS FROM CORNER TO CORNER OR TO NATURAL BREAKS IN THE SURFACE; SPOT PAINTING OF PATCHED AREAS IS NOT PERMITTED. REPAIR OR REPLACE DAMAGED FINISHES AND MATERIALS AS REQUIRED TO PROVIDE A UNIFORM, FINISHED APPEARANCE MATCHING EXISTING ADJACENT CONSTRUCTION.



1 A111 — 1ST FLOOR
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

STATE OF SOUTH CAROLINA — DP3 ARCHITECTS LTD. — GREENVILLE, SC B - 84017 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — MICHAEL THOMAS WISE — GREENVILLE, SC 04570 — REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
CONSULTANT
Project No. 25218

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
1ST FLOOR PLANS

DRAWING NO.
A111

Drawn By: LMG Checked By: MTP

FLOOR PLAN LEGEND

- X — WALL TYPE
- (X) — WINDOW TYPE
- 101 — DOOR TYPE
- 00.00 — KEY NOTE

WALL TYPE LEGEND

1

5/8 INCH GYPSUM WALL BOARD.
3 5/8 INCH METAL STUD FRAMING SYSTEM. REFER TO STRUCTURAL DRAWINGS.
5/8 INCH GYPSUM WALL BOARD.

2

1 HOUR RATED SHAFT WALL UL DESIGN NO. U415 SYSTEM A (SEE 2ND AND 3RD FLOOR PLAN)

INT. SHAFT
EXT. SHAFT
1" THICK GLASS MAT LINER PANEL
1 1/2" C-H STUD SYSTEM; 20 GAUGE.
5/8 INCH GYPSUM WALL BOARD.

DRAWING NOTES

40.01 EXISTING HVAC CASEWORK COVERS SHALL BE CAREFULLY REMOVED PRIOR TO HVAC DEMOLITION AND PROTECTED FOR THE DURATION OF CONSTRUCTION. STORE AND PROTECT COVERS AND REINSTALL UPON COMPLETION OF WORK. REPAIR OR REPLACE ANY COVERS DAMAGED DURING CONSTRUCTION.

40.03 RECONSTRUCT EXISTING SHAFT ENCLOSURES AS REQUIRED TO PROVIDE A MINIMUM 1-HOUR FIRE-RESISTANCE RATING, EXCEPT AT EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, WHICH SHALL REMAIN UNMODIFIED. REINSTALL EXISTING BASES WHERE REMOVED. PROVIDE APPROVED FIRESTOPPING AT ALL NEW PENETRATIONS AND SEAL ALL ABANDONED OPENINGS AND EXISTING THROUGH-WALL PENETRATIONS AS REQUIRED TO MAINTAIN THE REQUIRED FIRE-RESISTANCE RATING OF THE SHAFT ENCLOSURE. COORDINATE ALL WORK WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT ASSEMBLIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE OR NEW PENETRATIONS SHALL BE REPAIRED AND FIRESTOPPED AS REQUIRED TO MAINTAIN THE EXISTING FIRE-RESISTANCE RATING.

40.04 EXISTING WALL DIFFUSERS IN HISTORIC PLASTER WALLS SHALL REMAIN. SEAL AND ABANDON DIFFUSERS. CLEAN AND REPAIR ADJACENT PLASTER SURFACES AS NECESSARY. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS, QUANTITIES, AND DETAILS.

50.04 RECONSTRUCT SHAFT ENCLOSURES AS REQUIRED TO PROVIDE A MINIMUM 1-HOUR FIRE-RESISTANCE RATING, EXCEPT AT EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, WHICH SHALL REMAIN UNMODIFIED. REINSTALL EXISTING BASES WHERE REMOVED. PROVIDE APPROVED FIRESTOPPING AT ALL NEW PENETRATIONS AND SEAL ALL ABANDONED OPENINGS AND EXISTING THROUGH-WALL PENETRATIONS AS REQUIRED TO MAINTAIN THE REQUIRED FIRE-RESISTANCE RATING OF THE SHAFT ENCLOSURE. COORDINATE ALL WORK WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT ASSEMBLIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE OR NEW PENETRATIONS SHALL BE REPAIRED AND FIRESTOPPED AS REQUIRED TO MAINTAIN THE EXISTING FIRE-RESISTANCE RATING.

<varies>

GENERAL FLOOR PLAN NOTES

A. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND REPORT DISCREPANCIES IMMEDIATELY TO THE ARCHITECT.

B. DIMENSIONS ARE TO CENTERLINE OF COLUMN LINES, FACE OF INTERIOR STUDS, FACE OF EXTERIOR WALL SHEATHING AND FACE OF MASONRY, UNLESS NOTED OTHERWISE.

C. THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING, MECHANICAL AND ELECTRICAL WORK.

D. DOOR JAMBS ARE 6" NEAREST PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.

E. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS FOR ALL MEASUREMENTS.

F. ROOMS ARE DEFINED BY WALLS, FACES OF DOORS AND ROOM CHANGE INDICATORS.

G. PROVIDE WOOD BLOCKING IN PARTITIONS AT ALL LOCATIONS WHERE WORK SURFACES, SHELVING, BRACKETS, DISPLAYS, GRAB BARS, HANDRAILS AND/OR EQUIPMENT WILL BE MOUNTED OR ATTACHED TO THE FACE OF THE WALL. ALL CONCEALED WOOD SHALL BE FIRE-RETARDANT LUMBER.

H. LUMBER AND BLOCKING IN CONTACT WITH MASONRY AND CONCRETE SHALL BE PRESSURE TREATED.

I. USE MOISTURE RESISTANT (TYPE "X" AS REQUIRED) GWB BEHIND ALL SINKS AND WET AREAS.

J. NON-FIXED FURNITURE AND EQUIPMENT IS SHOWN FOR REFERENCE ONLY. NO NON-FIXED FURNITURE, FURNISHINGS OR EQUIPMENT ARE A PART OF THE CONSTRUCTION CONTRACT UNLESS NOTED OTHERWISE.

K. THE CONTRACT DRAWINGS WERE PREPARED BASED ON EXISTING DRAWINGS, SITE SURVEY, AND OTHER DOCUMENTS AND INFORMATION PROVIDED TO THE ARCHITECT BY YORK COUNTY. ACTUAL FIELD CONDITIONS MAY VARY FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS AND COORDINATING ANY VARIANCES WITH THE OWNER AND ARCHITECT.

L. IF ANY WALL IDENTIFIED IN THE DRAWING SET AS FIRE RATED IS FOUND IN THE FIELD TO NOT BE FIRE RATED, NOTIFY THE ARCHITECT AND AUTHORITY HAVING JURISDICTION (AHJ). UNLESS OTHERWISE DIRECTED BY THE AHJ, ANY NONCOMPLIANT WALLS, OPENINGS, OR PENETRATIONS SHALL BE BROUGHT INTO COMPLIANCE WITH CURRENT CODE REQUIREMENTS AS NOTED ON SHEET LS101.

M. DURING DEMOLITION AND CONSTRUCTION, MAINTAIN RELATIVE HUMIDITY LEVELS WITHIN THE BUILDING BETWEEN 30% AND 60% IN ACCORDANCE WITH EPA RECOMMENDATIONS. AIR SCRUBBERS AND DEHUMIDIFIERS SHALL REMAIN IN CONTINUOUS OPERATION UNTIL THE NEW HVAC SYSTEM IS INSTALLED AND FULLY OPERATIONAL. THIRD PARTY AIR QUALITY TESTING SHALL BE PERFORMED ON A MONTHLY BASIS THROUGHOUT CONSTRUCTION.

N. ALL GYPSUM WALLS DISTURBED BY CONSTRUCTION SHALL BE PATCHED, REPAIRED, AND PAINTED. PAINT ENTIRE AFFECTED WALL FROM FLOOR TO CEILING AND CORNER TO CORNER TO MATCH EXISTING ADJACENT FINISHES.

O. ALL EXISTING PLASTER WALLS AND CEILINGS ARE CONSIDERED PART OF THE HISTORIC CHARACTER OF THE BUILDING AND SHALL BE PROTECTED DURING CONSTRUCTION. DISTURBANCE OR REMOVAL OF EXISTING PLASTER SHALL BE MINIMIZED. ANY PLASTER DISTURBED BY CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING HISTORIC MATERIALS, TEXTURE, AND FINISH TO THE GREATEST EXTENT POSSIBLE.

P. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BE CLEANED AND REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED, INCLUDING ACOUSTICAL CEILING TILES. REPAIR OR REPLACE AFFECTED GYPSUM BOARD, PLASTER, FLOORING, TRIM, AND OTHER FINISHES AS REQUIRED TO MATCH ADJACENT EXISTING CONSTRUCTION. PROVIDE ATTIC STOCK MATERIALS WHERE AVAILABLE. ALL REPAIRED AREAS SHALL BE PATCHED, FINISHED, AND PAINTED TO MATCH ADJACENT SURFACES. SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH SHALL BE REPORTED TO THE OWNER AND ARCHITECT IMMEDIATELY AND SHALL BE ADDRESSED IN ACCORDANCE WITH PROJECT HAZARDOUS MATERIAL REQUIREMENTS.

Q. REPAIR ALL WALLS, FLOORS, CEILINGS, AND OTHER EXISTING SURFACES DISTURBED BY CONSTRUCTION TO MATCH ADJACENT EXISTING CONDITIONS. PATCHES SHALL MATCH EXISTING MATERIALS, TEXTURES, PROFILES, AND FINISHES. REMOVE AND REINSTALL EXISTING BASES, TRIM, MILLWORK, AND OTHER FINISH ELEMENTS AS REQUIRED TO COMPLETE THE WORK. PROVIDE NEW PAINT AT REPAIRED WALLS FROM CORNER TO CORNER OR TO NATURAL BREAKS IN THE SURFACE; SPOT PAINTING OF PATCHED AREAS IS NOT PERMITTED. REPAIR OR REPLACE DAMAGED FINISHES AND MATERIALS AS REQUIRED TO PROVIDE A UNIFORM, FINISHED APPEARANCE MATCHING EXISTING ADJACENT CONSTRUCTION.

1 2ND FLOOR
A112 3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

DP3 ARCHITECTS LTD. — GREENVILLE, SC — B - 84017 — REGISTERED ARCHITECT
MICHAEL THOMAS WISE — GREENVILLE SC — 04570 — REGISTERED ARCHITECT
1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
2ND FLOOR PLANS

DRAWING NO.
A112

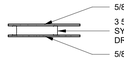
Drawn By: LMG Checked By: MTP

FLOOR PLAN LEGEND

- X — WALL TYPE
- (X) — WINDOW TYPE
- 101 — DOOR TYPE
- 00.00 — KEY NOTE

WALL TYPE LEGEND

1



5/8 INCH GYPSUM WALL BOARD.
3 5/8 INCH METAL STUD FRAMING SYSTEM. REFER TO STRUCTURAL DRAWINGS.
5/8 INCH GYPSUM WALL BOARD.

2

1 HOUR RATED SHAFT WALL UL DESIGN NO. U415 SYSTEM A (SEE 2ND AND 3RD FLOOR PLAN)

1" THICK GLASS MAT LINER PANEL
1 1/2" C-H STUD SYSTEM; 20 GAUGE.
5/8 INCH GYPSUM WALL BOARD.

DRAWING NOTES

40.01 EXISTING HVAC CASEWORK COVERS SHALL BE CAREFULLY REMOVED PRIOR TO HVAC DEMOLITION AND PROTECTED FOR THE DURATION OF CONSTRUCTION. STORE AND PROTECT COVERS AND REINSTALL UPON COMPLETION OF WORK. REPAIR OR REPLACE ANY COVERS DAMAGED DURING CONSTRUCTION.

40.02 ALL EXISTING WALLS, FLOORS, MILLWORK AND FURNITURE TO BE PROTECTED FOR THE DURATION OF CONSTRUCTION. IN ROOMS WHERE WORK OCCURS, LIMIT DISTURBANCE TO THE MINIMUM NECESSARY TO COMPLETE THE WORK. ALL PROTECTED ITEMS TO BE INSPECTED BEFORE WORK WITH PHOTOGRAPHIC DOCUMENTATION OF THEIR CONDITION.

40.03 RECONSTRUCT EXISTING SHAFT ENCLOSURES AS REQUIRED TO PROVIDE A MINIMUM 1-HOUR FIRE-RESISTANCE RATING, EXCEPT AT EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, WHICH SHALL REMAIN UNMODIFIED. REINSTALL EXISTING BASES WHERE REMOVED. PROVIDE APPROVED FIRESTOPPING AT ALL NEW PENETRATIONS AND SEAL ALL ABANDONED OPENINGS AND EXISTING THROUGH-WALL PENETRATIONS AS REQUIRED TO MAINTAIN THE REQUIRED FIRE-RESISTANCE RATING OF THE SHAFT ENCLOSURE. COORDINATE ALL WORK WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT ASSEMBLIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE OR NEW PENETRATIONS SHALL BE REPAIRED AND FIRESTOPPED AS REQUIRED TO MAINTAIN THE EXISTING FIRE-RESISTANCE RATING.

40.04 EXISTING WALL DIFFUSERS IN HISTORIC PLASTER WALLS SHALL REMAIN. SEAL AND ABANDON DIFFUSERS. CLEAN AND REPAIR ADJACENT PLASTER SURFACES AS NECESSARY. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS, QUANTITIES, AND DETAILS.

50.04 RECONSTRUCT SHAFT ENCLOSURES AS REQUIRED TO PROVIDE A MINIMUM 1-HOUR FIRE-RESISTANCE RATING, EXCEPT AT EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, WHICH SHALL REMAIN UNMODIFIED. REINSTALL EXISTING BASES WHERE REMOVED. PROVIDE APPROVED FIRESTOPPING AT ALL NEW PENETRATIONS AND SEAL ALL ABANDONED OPENINGS AND EXISTING THROUGH-WALL PENETRATIONS AS REQUIRED TO MAINTAIN THE REQUIRED FIRE-RESISTANCE RATING OF THE SHAFT ENCLOSURE. COORDINATE ALL WORK WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT ASSEMBLIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE OR NEW PENETRATIONS SHALL BE REPAIRED AND FIRESTOPPED AS REQUIRED TO MAINTAIN THE EXISTING FIRE-RESISTANCE RATING.

GENERAL FLOOR PLAN NOTES

A. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND REPORT DISCREPANCIES IMMEDIATELY TO THE ARCHITECT.

B. DIMENSIONS ARE TO CEINTERLINE OF COLUMN LINES, FACE OF INTERIOR STUDS, FACE OF EXTERIOR WALL SHEATHING AND FACE OF MASONRY, UNLESS NOTED OTHERWISE.

C. THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING, MECHANICAL AND ELECTRICAL WORK.

D. DOOR JAMBS ARE 6" NEAREST PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.

E. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS FOR ALL MEASUREMENTS.

F. ROOMS ARE DEFINED BY WALLS, FACES OF DOORS AND ROOM CHANGE INDICATORS.

G. PROVIDE WOOD BLOCKING IN PARTITIONS AT ALL LOCATIONS WHERE WORK SURFACES, SHELVING, BRACKETS, DISPLAYS, GRAB BARS, HANDRAILS AND/OR EQUIPMENT WILL BE MOUNTED OR ATTACHED TO THE FACE OF THE WALL. ALL CONCEALED WOOD SHALL BE FIRE-RETARDANT LUMBER.

H. LUMBER AND BLOCKING IN CONTACT WITH MASONRY AND CONCRETE SHALL BE PRESSURE TREATED.

I. USE MOISTURE RESISTANT (TYPE "X" AS REQUIRED) GWB BEHIND ALL SINKS AND WET AREAS.

J. NON-FIXED FURNITURE AND EQUIPMENT IS SHOWN FOR REFERENCE ONLY. NO NON-FIXED FURNITURE, FURNISHINGS OR EQUIPMENT ARE A PART OF THE CONSTRUCTION CONTRACT UNLESS NOTED OTHERWISE.

K. THE CONTRACT DRAWINGS WERE PREPARED BASED ON EXISTING DRAWINGS, SITE SURVEY, AND OTHER DOCUMENTS AND INFORMATION PROVIDED TO THE ARCHITECT BY YORK COUNTY. ACTUAL FIELD CONDITIONS MAY VARY FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS AND COORDINATING ANY VARIANCES WITH THE OWNER AND ARCHITECT.

L. IF ANY WALL IDENTIFIED IN THE DRAWING SET AS FIRE RATED IS FOUND IN THE FIELD TO NOT BE FIRE RATED, NOTIFY THE ARCHITECT AND AUTHORITY HAVING JURISDICTION (AHJ). UNLESS OTHERWISE DIRECTED BY THE AHJ, ANY NONCOMPLIANT WALLS, OPENINGS, OR PENETRATIONS SHALL BE BROUGHT INTO COMPLIANCE WITH CURRENT CODE REQUIREMENTS AS NOTED ON SHEET LS101.

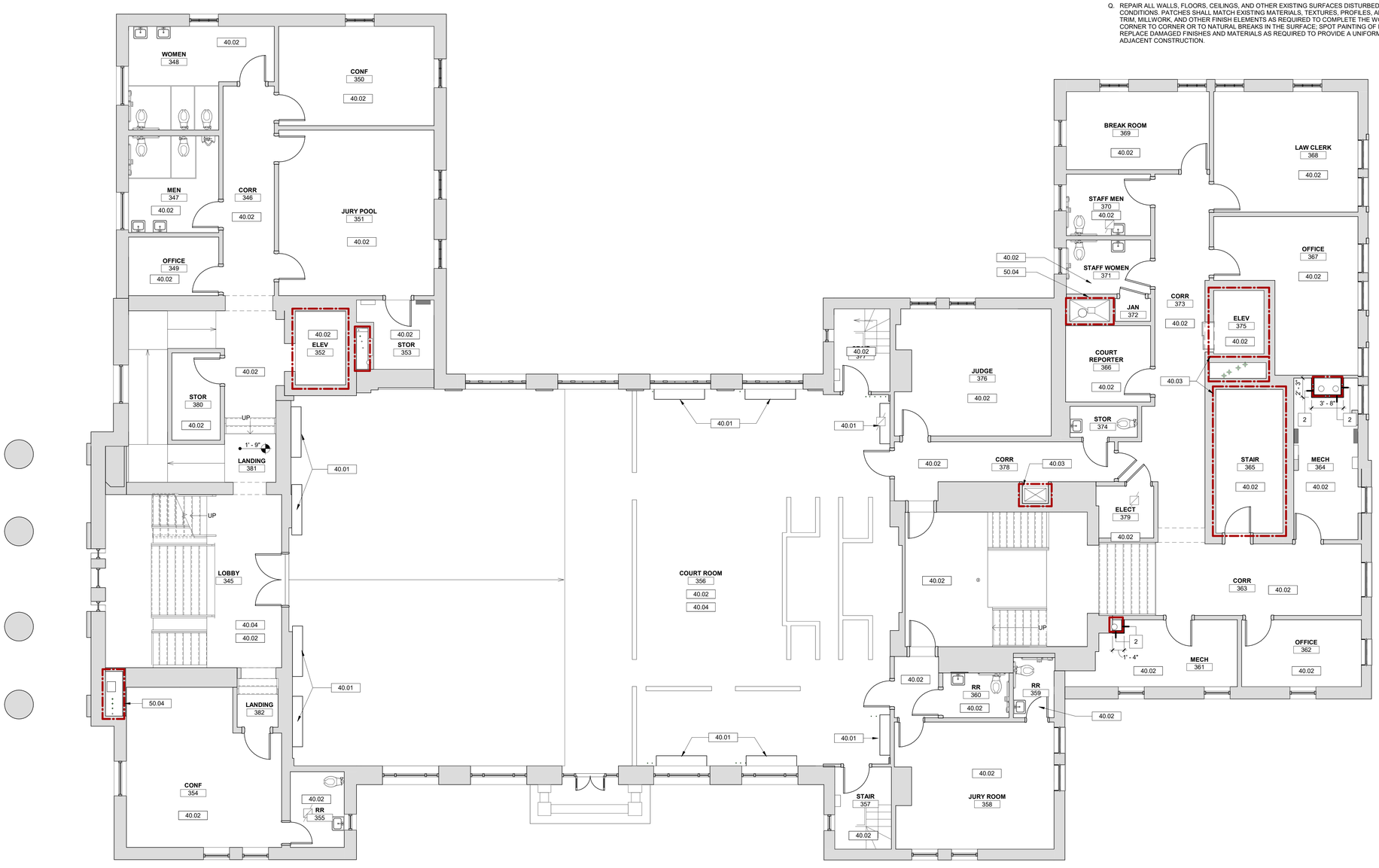
M. DURING DEMOLITION AND CONSTRUCTION, MAINTAIN RELATIVE HUMIDITY LEVELS WITHIN THE BUILDING BETWEEN 30% AND 60% IN ACCORDANCE WITH EPA RECOMMENDATIONS. AIR SCRUBBERS AND DEHUMIDIFIERS SHALL REMAIN IN CONTINUOUS OPERATION UNTIL THE NEW HVAC SYSTEM IS INSTALLED AND FULLY OPERATIONAL. THIRD PARTY AIR QUALITY TESTING SHALL BE PERFORMED ON A MONTHLY BASIS THROUGHOUT CONSTRUCTION.

N. ALL GYPSUM WALLS DISTURBED BY CONSTRUCTION SHALL BE PATCHED, REPAIRED, AND PAINTED. PAINT ENTIRE AFFECTED WALL FROM FLOOR TO CEILING AND CORNER TO CORNER TO MATCH EXISTING ADJACENT FINISHES.

O. ALL EXISTING PLASTER WALLS AND CEILINGS ARE CONSIDERED PART OF THE HISTORIC CHARACTER OF THE BUILDING AND SHALL BE PROTECTED DURING CONSTRUCTION. DISTURBANCE OR REMOVAL OF EXISTING PLASTER SHALL BE MINIMIZED. ANY PLASTER DISTURBED BY CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING HISTORIC MATERIALS, TEXTURE, AND FINISH TO THE GREATEST EXTENT POSSIBLE.

P. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BE CLEANED AND REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED, INCLUDING ACOUSTICAL CEILING TILES. REPAIR OR REPLACE AFFECTED GYPSUM BOARD, PLASTER, FLOORING, TRIM, AND OTHER FINISHES AS REQUIRED TO MATCH ADJACENT EXISTING CONSTRUCTION. PROVIDE ATTIC STOCK MATERIALS WHERE AVAILABLE. ALL REPAIRED AREAS SHALL BE PATCHED, FINISHED, AND PAINTED TO MATCH ADJACENT SURFACES. SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH SHALL BE REPORTED TO THE OWNER AND ARCHITECT IMMEDIATELY AND SHALL BE ADDRESSED IN ACCORDANCE WITH PROJECT HAZARDOUS MATERIAL REQUIREMENTS.

Q. REPAIR ALL WALLS, FLOORS, CEILINGS, AND OTHER EXISTING SURFACES DISTURBED BY CONSTRUCTION TO MATCH ADJACENT EXISTING CONDITIONS. PATCHES SHALL MATCH EXISTING MATERIALS, TEXTURES, PROFILES, AND FINISHES. REMOVE AND REINSTALL EXISTING BASES, TRIM, MILLWORK, AND OTHER FINISH ELEMENTS AS REQUIRED TO COMPLETE THE WORK. PROVIDE NEW PAINT AT REPAIRED WALLS FROM CORNER TO CORNER OR TO NATURAL BREAKS IN THE SURFACE; SPOT PAINTING OF PATCHED AREAS IS NOT PERMITTED. REPAIR OR REPLACE DAMAGED FINISHES AND MATERIALS AS REQUIRED TO PROVIDE A UNIFORM, FINISHED APPEARANCE MATCHING EXISTING ADJACENT CONSTRUCTION.



1 A113 3RD FLOOR
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE) 0" 1" 2" 3" 4"

STATE OF SOUTH CAROLINA — DP3 ARCHITECTS LTD. — GREENVILLE, SC B - 84017 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — MICHAEL THOMAS — GREENVILLE, SC 04570 — REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
3RD FLOOR PLANS

DRAWING NO.
A113

Drawn By: LMG Checked By: MTP

FLOOR PLAN LEGEND

- X — WALL TYPE
- (X) — WINDOW TYPE
- (101) — DOOR TYPE
- 00.00 — KEY NOTE

WALL TYPE LEGEND

1

5/8 INCH GYPSUM WALL BOARD.
3 5/8 INCH METAL STUD FRAMING SYSTEM. REFER TO STRUCTURAL DRAWINGS.
5/8 INCH GYPSUM WALL BOARD.

2

1 HOUR RATED SHAFT WALL UL DESIGN NO. U415 SYSTEM A (SEE 2ND AND 3RD FLOOR PLAN)

INT. SHAFT
EXT. SHAFT
1" THICK GLASS MAT LINER PANEL
1 1/2" C-H STUD SYSTEM; 20 GAUGE.
5/8 INCH GYPSUM WALL BOARD.

DRAWING NOTES

40.02 ALL EXISTING WALLS, FLOORS, MILLWORK AND FURNITURE TO BE PROTECTED FOR THE DURATION OF CONSTRUCTION. IN ROOMS WHERE WORK OCCURS, LIMIT DISTURBANCE TO THE MINIMUM NECESSARY TO COMPLETE THE WORK. ALL PROTECTED ITEMS TO BE INSPECTED BEFORE WORK WITH PHOTOGRAPHIC DOCUMENTATION OF THEIR CONDITION.

40.03 RECONSTRUCT EXISTING SHAFT ENCLOSURES AS REQUIRED TO PROVIDE A MINIMUM 1-HOUR FIRE-RESISTANCE RATING, EXCEPT AT EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, WHICH SHALL REMAIN UNMODIFIED. REINSTALL EXISTING BASES WHERE REMOVED. PROVIDE APPROVED FIRESTOPPING AT ALL NEW PENETRATIONS AND SEAL ALL ABANDONED OPENINGS AND EXISTING THROUGH-WALL PENETRATIONS AS REQUIRED TO MAINTAIN THE REQUIRED FIRE-RESISTANCE RATING OF THE SHAFT ENCLOSURE. COORDINATE ALL WORK WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT ASSEMBLIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE OR NEW PENETRATIONS SHALL BE REPAIRED AND FIRESTOPPED AS REQUIRED TO MAINTAIN THE EXISTING FIRE-RESISTANCE RATING.

40.04 EXISTING WALL DIFFUSERS IN HISTORIC PLASTER WALLS SHALL REMAIN. SEAL AND ABANDON DIFFUSERS. CLEAN AND REPAIR ADJACENT PLASTER SURFACES AS NECESSARY. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS, QUANTITIES, AND DETAILS.

40.12 NEW HVAC DUCTWORK SHALL ENTER THE BUILDING AT THE SAME LOCATION AS THE EXISTING DUCTWORK TO BE REMOVED. EXISTING CONSTRUCTION AND WATERPROOFING OF THE OPENING ARE UNKNOWN. PROVIDE NEW METAL INFILL PANEL, DUCT PENETRATION, FLASHING, COUNTERFLASHING, SEALANTS, AND WEATHERPROOFING AS REQUIRED FOR A COMPLETE WEATHER-TIGHT INSTALLATION. FLASH AND SEAL ENTIRE ASSEMBLY TO PREVENT WATER INTRUSION. REWORK OR REPLACE INTERIOR PLYWOOD INFILL AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. VERIFY EXISTING CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND INSTALLATION. REFER TO MECHANICAL DRAWINGS FOR DUCT SIZE, CONFIGURATION, AND ADDITIONAL REQUIREMENTS. SUBMIT SHOP DRAWING DETAILS OF PROPOSED WATERPROOFING SYSTME COMPONENTS FOR ARCHITECTS REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION.

40.13 NEW MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS.

GENERAL FLOOR PLAN NOTES

A. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND REPORT DISCREPANCIES IMMEDIATELY TO THE ARCHITECT.

B. DIMENSIONS ARE TO CENTERLINE OF COLUMN LINES, FACE OF INTERIOR STUDS, FACE OF EXTERIOR WALL SHEATHING AND FACE OF MASONRY, UNLESS NOTED OTHERWISE.

C. THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING, MECHANICAL AND ELECTRICAL WORK.

D. DOOR JAMBS ARE 6" NEAREST PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.

E. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS FOR ALL MEASUREMENTS.

F. ROOMS ARE DEFINED BY WALLS, FACES OF DOORS AND ROOM CHANGE INDICATORS.

G. PROVIDE WOOD BLOCKING IN PARTITIONS AT ALL LOCATIONS WHERE WORK SURFACES, SHELVING, BRACKETS, DISPLAYS, GRAB BARS, HANDRAILS AND/OR EQUIPMENT WILL BE MOUNTED OR ATTACHED TO THE FACE OF THE WALL. ALL CONCEALED WOOD SHALL BE FIRE-RETARDANT LUMBER.

H. LUMBER AND BLOCKING IN CONTACT WITH MASONRY AND CONCRETE SHALL BE PRESSURE TREATED.

I. USE MOISTURE RESISTANT (TYPE "X" AS REQUIRED) GWB BEHIND ALL SINKS AND WET AREAS.

J. NON-FIXED FURNITURE AND EQUIPMENT IS SHOWN FOR REFERENCE ONLY. NO NON-FIXED FURNITURE, FURNISHINGS OR EQUIPMENT ARE A PART OF THE CONSTRUCTION CONTRACT UNLESS NOTED OTHERWISE.

K. THE CONTRACT DRAWINGS WERE PREPARED BASED ON EXISTING DRAWINGS, SITE SURVEY, AND OTHER DOCUMENTS AND INFORMATION PROVIDED TO THE ARCHITECT BY YORK COUNTY. ACTUAL FIELD CONDITIONS MAY VARY FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS AND COORDINATING ANY VARIANCES WITH THE OWNER AND ARCHITECT.

L. IF ANY WALL IDENTIFIED IN THE DRAWING SET AS FIRE RATED IS FOUND IN THE FIELD TO NOT BE FIRE RATED, NOTIFY THE ARCHITECT AND AUTHORITY HAVING JURISDICTION (AHJ). UNLESS OTHERWISE DIRECTED BY THE AHJ, ANY NONCOMPLIANT WALLS, OPENINGS, OR PENETRATIONS SHALL BE BROUGHT INTO COMPLIANCE WITH CURRENT CODE REQUIREMENTS AS NOTED ON SHEET LS101.

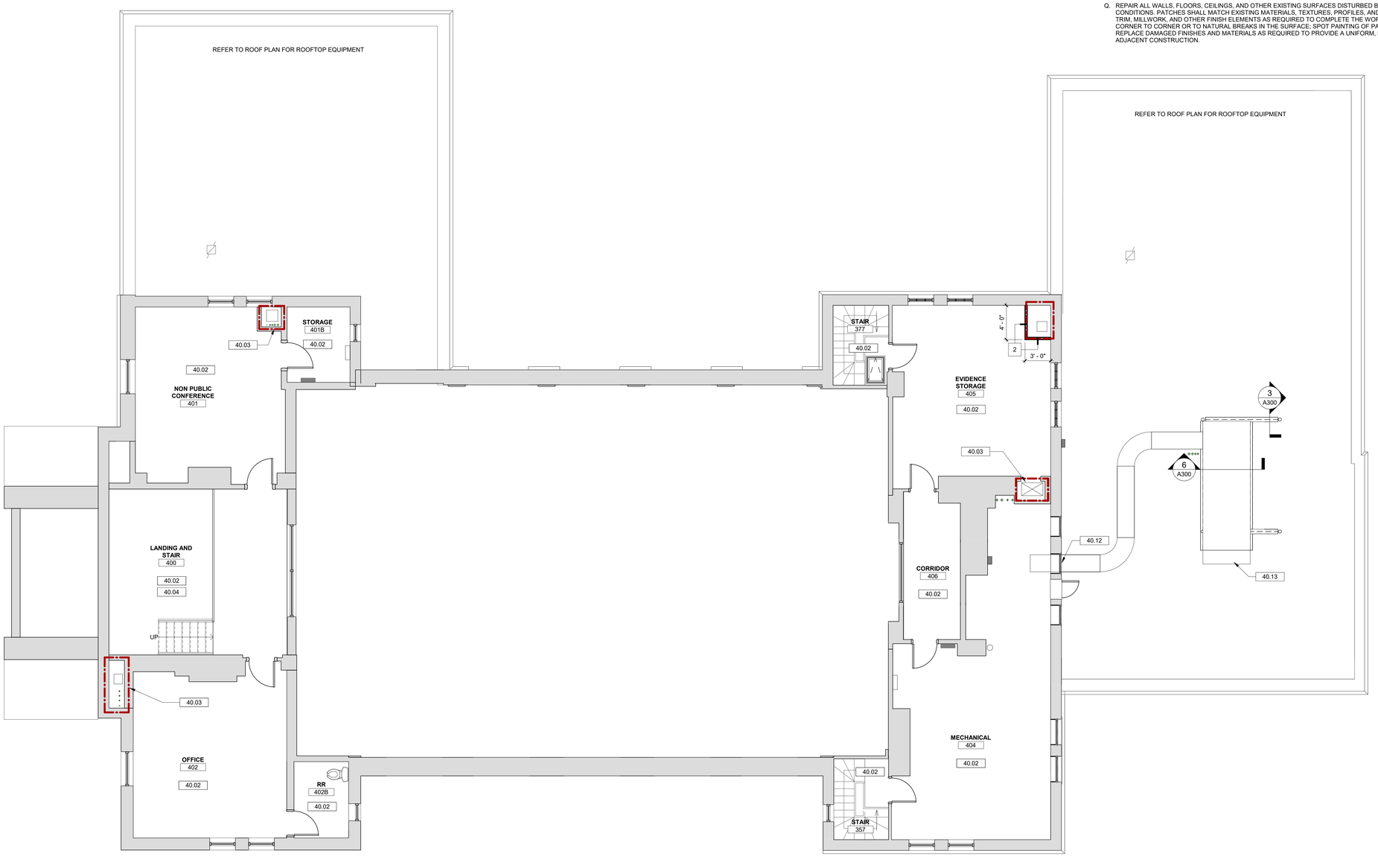
M. DURING DEMOLITION AND CONSTRUCTION, MAINTAIN RELATIVE HUMIDITY LEVELS WITHIN THE BUILDING BETWEEN 30% AND 60% IN ACCORDANCE WITH EPA RECOMMENDATIONS. AIR SCRUBBERS AND DEHUMIDIFIERS SHALL REMAIN IN CONTINUOUS OPERATION UNTIL THE NEW HVAC SYSTEM IS INSTALLED AND FULLY OPERATIONAL. THIRD PARTY AIR QUALITY TESTING SHALL BE PERFORMED ON A MONTHLY BASIS THROUGHOUT CONSTRUCTION.

N. ALL GYPSUM WALLS DISTURBED BY CONSTRUCTION SHALL BE PATCHED, REPAIRED, AND PAINTED. PAINT ENTIRE AFFECTED WALL FROM FLOOR TO CEILING AND CORNER TO CORNER TO MATCH EXISTING ADJACENT FINISHES.

O. ALL EXISTING PLASTER WALLS AND CEILINGS ARE CONSIDERED PART OF THE HISTORIC CHARACTER OF THE BUILDING AND SHALL BE PROTECTED DURING CONSTRUCTION. DISTURBANCE OR REMOVAL OF EXISTING PLASTER SHALL BE MINIMIZED. ANY PLASTER DISTURBED BY CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING HISTORIC MATERIALS, TEXTURE, AND FINISH TO THE GREATEST EXTENT POSSIBLE.

P. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BE CLEANED AND REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED, INCLUDING ACOUSTICAL CEILING TILES. REPAIR OR REPLACE AFFECTED GYPSUM BOARD, PLASTER, FLOORING, TRIM, AND OTHER FINISHES AS REQUIRED TO MATCH ADJACENT EXISTING CONSTRUCTION. PROVIDE ATTIC STOCK MATERIALS WHERE AVAILABLE. ALL REPAIRED AREAS SHALL BE PATCHED, FINISHED, AND PAINTED TO MATCH ADJACENT SURFACES. SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH SHALL BE REPORTED TO THE OWNER AND ARCHITECT IMMEDIATELY AND SHALL BE ADDRESSED IN ACCORDANCE WITH PROJECT HAZARDOUS MATERIAL REQUIREMENTS.

Q. REPAIR ALL WALLS, FLOORS, CEILINGS, AND OTHER EXISTING SURFACES DISTURBED BY CONSTRUCTION TO MATCH ADJACENT EXISTING CONDITIONS. PATCHES SHALL MATCH EXISTING MATERIALS, TEXTURES, PROFILES, AND FINISHES. REMOVE AND REINSTALL EXISTING BASES, TRIM, MILLWORK, AND OTHER FINISH ELEMENTS AS REQUIRED TO COMPLETE THE WORK. PROVIDE NEW PAINT AT REPAIRED WALLS FROM CORNER TO CORNER OR TO NATURAL BREAKS IN THE SURFACE; SPOT PAINTING OF PATCHED AREAS IS NOT PERMITTED. REPAIR OR REPLACE DAMAGED FINISHES AND MATERIALS AS REQUIRED TO PROVIDE A UNIFORM, FINISHED APPEARANCE MATCHING EXISTING ADJACENT CONSTRUCTION.



1 / A114 4TH FLOOR
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

STATE OF SOUTH CAROLINA
DP3 ARCHITECTS LTD.
GREENVILLE, SC
B - 84017
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MICHAEL THOMAS
GREENVILLE, SC
04570
REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
4TH FLOOR PLANS

DRAWING NO.
A114

Drawn By: LMG Checked By: MTP

DRAWING NOTES

5.01 NEW ROOFTOP UNIT SUPPORT BEAM. REFER TO STRUCTURAL DRAWINGS.

5.03 NEW ROOFTOP UNIT SUPPORT POST SHALL BE ATTACHED DIRECTLY TO EXISTING STRUCTURE. REFER TO CURB SECTION DETAIL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

7.09 PROVIDE A ROOF CRICKET TO DIVERT WATER AROUND NEW MECHANICAL EQUIPMENT AND PREVENT PONDING. MATCH EXISTING ROOFING MEMBRANE, INSULATION, FLASHING, AND ASSOCIATED ROOF ASSEMBLY. INSTALL ALL MATERIALS USING COMPATIBLE ADHESIVES, FASTENERS, AND LAP CONFIGURATIONS IN ACCORDANCE WITH THE ROOFING MANUFACTURER'S CURRENT WARRANTED DETAILS AND WRITTEN INSTRUCTIONS.

23.01 NEW MECHANICAL EQUIPMENT AND CURB. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT, CURB, AND SUPPORT REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING ROOF ASSEMBLY, ROOFING MATERIALS, AND WARRANTY REQUIREMENTS PRIOR TO INSTALLATION. PROVIDE ALL REQUIRED FLASHING, COUNTERFLASHING, SEALANTS, AND ACCESSORIES FOR A COMPLETE WEATHER-TIGHT INSTALLATION. ALL ROOF PENETRATIONS AND FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ROOFING MANUFACTURER'S TYPICAL WARRANTED DETAILS. OBTAIN ALL REQUIRED MANUFACTURER APPROVALS PRIOR TO MODIFYING THE EXISTING ROOF SYSTEM. COORDINATE ALL ROOF MODIFICATIONS WITH SIKA SARNAFIL AND AN AUTHORIZED SIKA ROOFING APPLICATOR AS REQUIRED TO MAINTAIN THE EXISTING 20-YEAR SYSTEM WARRANTY.

23.03 EXISTING MECHANICAL EQUIPMENT AND CURB TO REMAIN. REFER TO MECHANICAL DRAWINGS. INSPECT EXISTING ROOF PENETRATIONS, FLASHING, AND WATERPROOFING. REPAIR OR REPLACE DETERIORATED MATERIALS AS REQUIRED TO MAINTAIN A WEATHER-TIGHT ASSEMBLY AND THE EXISTING ROOF WARRANTY. ALL NEW, MODIFIED, OR REPAIRED ROOF PENETRATIONS AND FLASHING SHALL COMPLY WITH THE ROOFING MANUFACTURER'S CURRENT WARRANTED DETAILS. COORDINATE ALL ROOF WORK AS REQUIRED TO MAINTAIN THE EXISTING ROOF WARRANTY.

40.10 EXISTING ROOFTOP UNIT SHALL BE REMOVED. EXISTING SUPPORT STRUCTURE SHALL BE DEMOLISHED AND GROUND FLUSH WITH EXISTING ROOF FINISH.

GENERAL ROOF PLAN NOTES

A. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR LOCATIONS OF PIPING, CURBS, VENTS, DUCTS, FANS, AND OTHER ITEMS ON THE ROOF SURFACE.

B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW OTHER DRAWINGS FOR ROOF PENETRATIONS NOT SHOWN ON THIS PLAN.

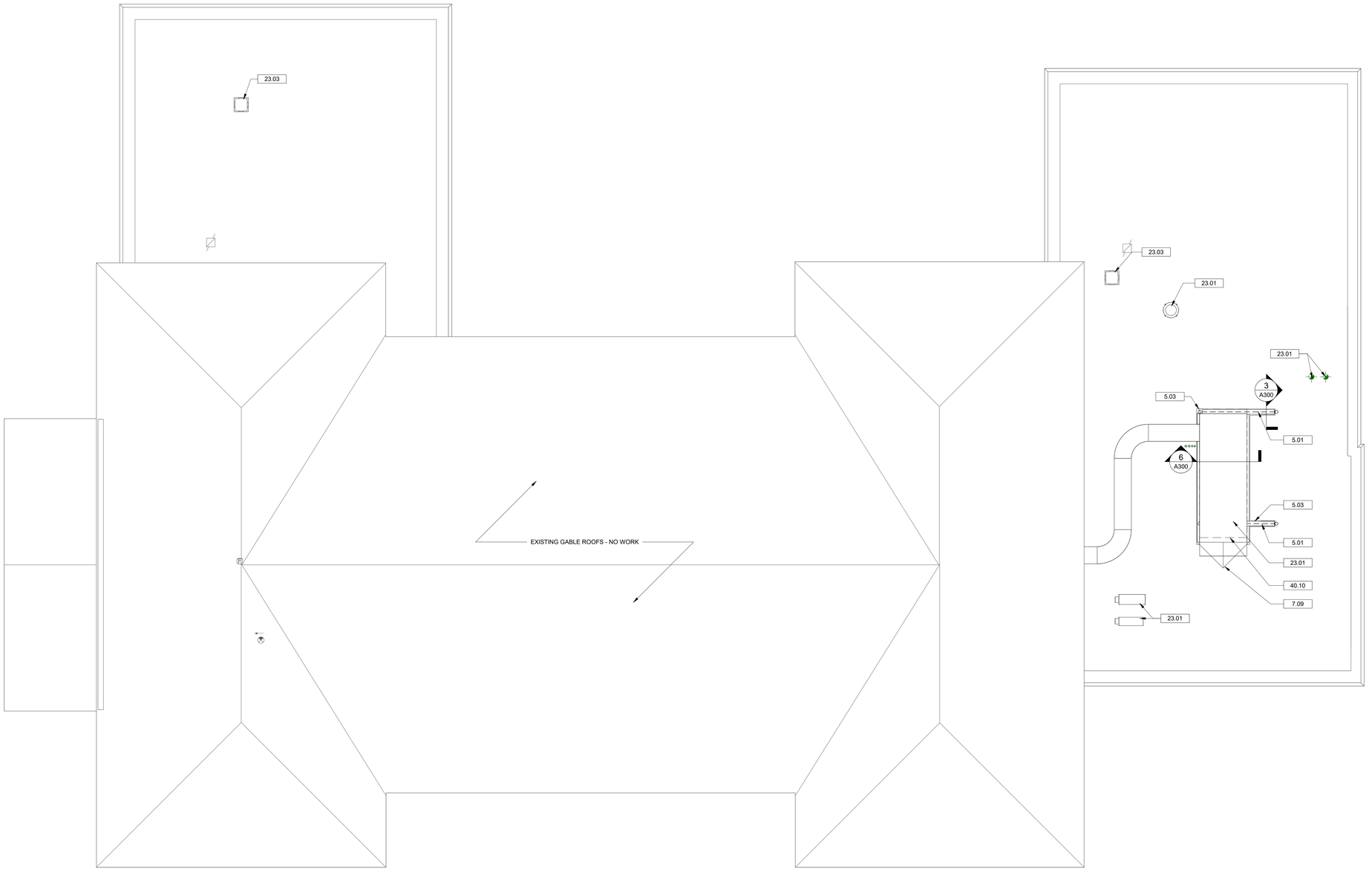
C. PROVIDE ALL FLASHING MATERIALS AND METHODS AS APPROVED BY THE MANUFACTURER FOR A FULL WATERPROOFING SYSTEM.

D. PAINT EXPOSED ROOF-MOUNTED EQUIPMENT, PIPING, ETC. IN A COLOR AS SELECTED BY ARCHITECT, EXCEPT THOSE ITEMS WHICH ARE PRE-FINISHED.

E. ALL FLASHING TO BE SHEET METAL UNLESS NOTED OTHERWISE.

F. TRAFFIC OVER FINISHED ROOF SURFACES IS NOT DESIRED. WHERE OVER-ROOF TRAFFIC IS ANTICIPATED, PROTECT ROOF SURFACE FROM DAMAGE DURING CONSTRUCTION.

G. THE CONTRACT DRAWINGS WERE PREPARED BASED ON EXISTING DRAWINGS, SITE SURVEY, AND OTHER DOCUMENTS AND INFORMATION PROVIDED TO THE ARCHITECT BY YORK COUNTY. ACTUAL FIELD CONDITIONS MAY VARY FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS AND COORDINATING ANY VARIANCES WITH THE OWNER AND ARCHITECT.



1 A115 ROOF
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

STATE OF SOUTH CAROLINA
DP3 ARCHITECTS LTD.
GREENVILLE, SC
B - 84017
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MICHAEL THOMAS
GREENVILLE, SC
04570
REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ROOF PLAN

DRAWING NO.
A115

Drawn By: LMG Checked By: MTP

REFLECTED CEILING PLAN LEGEND

- EXISTING ACT CEILING TO BE REMOVED
- EXISTING STUCCO CEILING TO REMAIN
- EXISTING DRYWALL CEILING TO REMAIN
- EXISTING 1-HOUR RATED WALL TO REMAIN
- NEW HVAC CEILING UNIT
- EXISTING HVAC CEILING UNIT TO BE REMOVED
- TROFFER LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO BE REMOVED
- CAN LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- RETURN DIFFUSER TO BE REMOVED
- SUPPLY DIFFUSER TO BE REMOVED
- EXIT SIGN TO REMAIN
- FIRE SPRINKLER TO REMAIN
- CAMERA TO REMAIN
- SPEAKER TO REMAIN
- SMOKE DETECTOR TO REMAIN
- OCCUPANCY SENSOR TO REMAIN
- FIRE ALARM TO REMAIN
- NEW RETURN DIFFUSER
- NEW SUPPLY DIFFUSER

DRAWING NOTES

90.01 ALL EXISTING SUSPENDED ACOUSTIC CEILING SYSTEM TO BE REMOVED AND REPLACED WITH NEW FOLLOWING INSTALLATION OF NEW MECHANICAL AND ELECTRICAL. ALL EXISTING CEILING GRID TO BE DEMOLISHED. ALL HVAC UNITS, DIFFUSERS AND RETURNS TO BE REMOVED AND REPLACED WITH NEW, REFER TO MECHANICAL DRAWINGS. ALL LIGHTS AND OTHER CEILING MOUNTED DEVICES TO REMAIN UNLESS NOTED OTHERWISE, REFER TO ELECTRICAL DRAWINGS. LIGHTS AND OTHER MISCELLANEOUS DEVICES TO BE TEMPORARILY HUNG FROM THE STRUCTURE ABOVE AND PROTECTED DURING DEMOLITION. ALL EXIT SIGNS, SMOKE AND FIRE DETECTORS, SPRINKLERS TO REMAIN AND BE PROTECTED DURING DEMOLITION.

90.02 DRYWALL AND PLASTER CEILINGS AND SOFFITS TO REMAIN. LIGHTS TO REMAIN UNLESS NOTED OTHERWISE. REMOVE EXISTING BATT INSULATION LAYING ON TOP OF DRYWALL AND DISPOSE OF OFF-SITE. ALL PLASTER CEILINGS AND WALLS ARE CONSIDERED HISTORIC. PROTECT DURING DEMOLITION.

90.03 THE CONDITION OF EXISTING SHAFT ENCLOSURES IS UNDETERMINED. ASSUME ALL EXISTING SHAFTS, EXCEPT STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, ARE NON-RATED. DEMOLISH EXISTING GYPSUM BOARD WALLS AS REQUIRED TO FACILITATE RECONSTRUCTION OF A 1-HOUR FIRE-RESISTANCE-RATED SHAFT ENCLOSURE. NOTIFY THE ARCHITECT PRIOR TO DEMOLISHING POTENTIALLY HISTORIC WALLS, INCLUDING WALLS WITH STONE, BRICK, OR STUCCO FINISHES. REMOVE EXISTING BASES AS REQUIRED FOR REINSTALLATION. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT WALLS FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE TO EXISTING RATED SHAFT ASSEMBLIES SHALL BE REPAIRED USING MATERIALS AND METHODS REQUIRED TO RESTORE THE EXISTING FIRE-RESISTANCE RATING.

90.04 EXISTING OPEN CEILING. ALL DIFFUSERS AND RETURNS TO BE REMOVED AND REPLACED WITH NEW, REFER TO MECHANICAL DRAWINGS. ALL LIGHTS TO REMAIN UNLESS NOTED OTHERWISE, REFER TO ELECTRICAL DRAWINGS. LIGHTS AND OTHER MISCELLANEOUS DEVICES SHALL BE TEMPORARILY HUNG FROM THE STRUCTURE ABOVE AND PROTECTED DURING DEMOLITION. ALL EXIT SIGNS, SMOKE AND FIRE DETECTORS, AND SPRINKLERS TO REMAIN AND BE PROTECTED DURING DEMOLITION.

90.10 REMOVE EXISTING LIGHTING AND PREPARE FOR NEW. REFER TO ELECTRICAL DRAWINGS. REMOVE EXISTING DIFFUSERS AND RETURNS AND REPLACE WITH NEW. REFER TO MECHANICAL DRAWINGS. TEMPORARILY SUPPORT AND PROTECT ALL DEVICES MOUNTED TO THE EXISTING ACOUSTICAL CEILING SYSTEM DURING DEMOLITION. EXISTING EXIT SIGNS, SMOKE DETECTORS, FIRE ALARM DEVICES, AND SPRINKLER COMPONENTS SHALL REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.

GENERAL DEMOLITION NOTES

A. THE CONTRACTOR SHALL CONTACT THE OWNER AND ARCHITECT IF HAZARDOUS MATERIALS ARE FOUND DURING DEMOLITION OR CONSTRUCTION.

B. ALL MATERIALS THAT HAVE BEEN DEMOLISHED SHALL BE REMOVED IMMEDIATELY AND DISPOSED OF PROPERLY. NO DEMOLISHED MATERIALS SHALL BE STOCKPILED ON SITE.

C. PROTECT OWNER'S PROPERTY AND PERSONS AT ALL TIMES.

D. ANY ITEMS NOT SHOWN TO BE DEMOLISHED THAT ARE DAMAGED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.

E. COORDINATE ANY SYSTEMS SHUTDOWNS WHICH MAY BE REQUIRED WITH THE OWNER.

F. PRIOR TO COMMENCING WITH THE DEMOLITION, THE CONTRACTOR SHALL ASCERTAIN FROM THE OWNER WHETHER OR NOT THE OWNER WISHES TO RETAIN ANY ITEMS. ANY SUCH ITEMS SHALL BE REMOVED WITH CARE SO AS TO PREVENT UNNECESSARY DAMAGE AND TURNED OVER TO THE OWNER.

G. THE CONTRACTOR SHALL CONTROL AND LIMIT DUST RESULTING FROM DEMOLITION AND PREVENT THE SPREAD OF DUST TO THE REMAINING BUILDING.

H. WHERE DAMPERS, CONDUIT, PIPING, ETC. ARE REMOVED FROM RATED WALLS, WALLS SHALL BE PATCHED AND SEALED TO MAINTAIN FIRE AND SMOKE RATING INTEGRITY OF WALLS.

I. CONTRACTOR SHALL MAKE FUNCTIONAL ALL CIRCUITS DISRUPTED BY ANY DEMOLITION.

J. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.

K. REMOVE ALL WIRING, CONDUIT, WIRING SYSTEMS AND EQUIPMENT MADE OBSOLETE BY DEMOLITION. ANY EXISTING CONDUIT SYSTEM THAT CAN BE REUSED IN PLACE IN THE NEW WORK MAY BE REUSED PROVIDED IT IS IN A CONDITION ACCEPTABLE TO THE ARCHITECT.

L. ALL LIGHTING FIXTURES WHICH ARE TO BE RELOCATED SHALL BE CLEANED AND RE-LAMPED.

M. DEMOLITION INCLUDES REMOVAL OF ALL ITEMS NECESSARY TO FACILITATE THE NEW CONSTRUCTION, WHETHER SPECIFICALLY INDICATED OR NOT, UNLESS NOTED OTHERWISE.

N. ALL UTILITIES DEMOLISHED SHALL BE COMPLETELY REMOVED AND/OR CAPPED. ALL FINISHES TO REMAIN THAT ARE DISTURBED SHALL BE REPAIRED TO MATCH EXISTING.

O. THE CONTRACTOR SHALL SURVEY AND DETERMINE THE REMOVAL OF EXISTING CONSTRUCTION, EITHER WHOLE OR IN PART, AS REQUIRED FOR THE INSTALLATION OF THE NEW MECHANICAL, PLUMBING AND ELECTRICAL WORK.

P. THE CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING FOR FINISHES, FURNITURE, AND FIXTURES IN EXISTING AREAS NOT DESIGNATED FOR DEMOLITION OR NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE CAUSED BY HIS WORK OR ANY SUBCONTRACTORS.

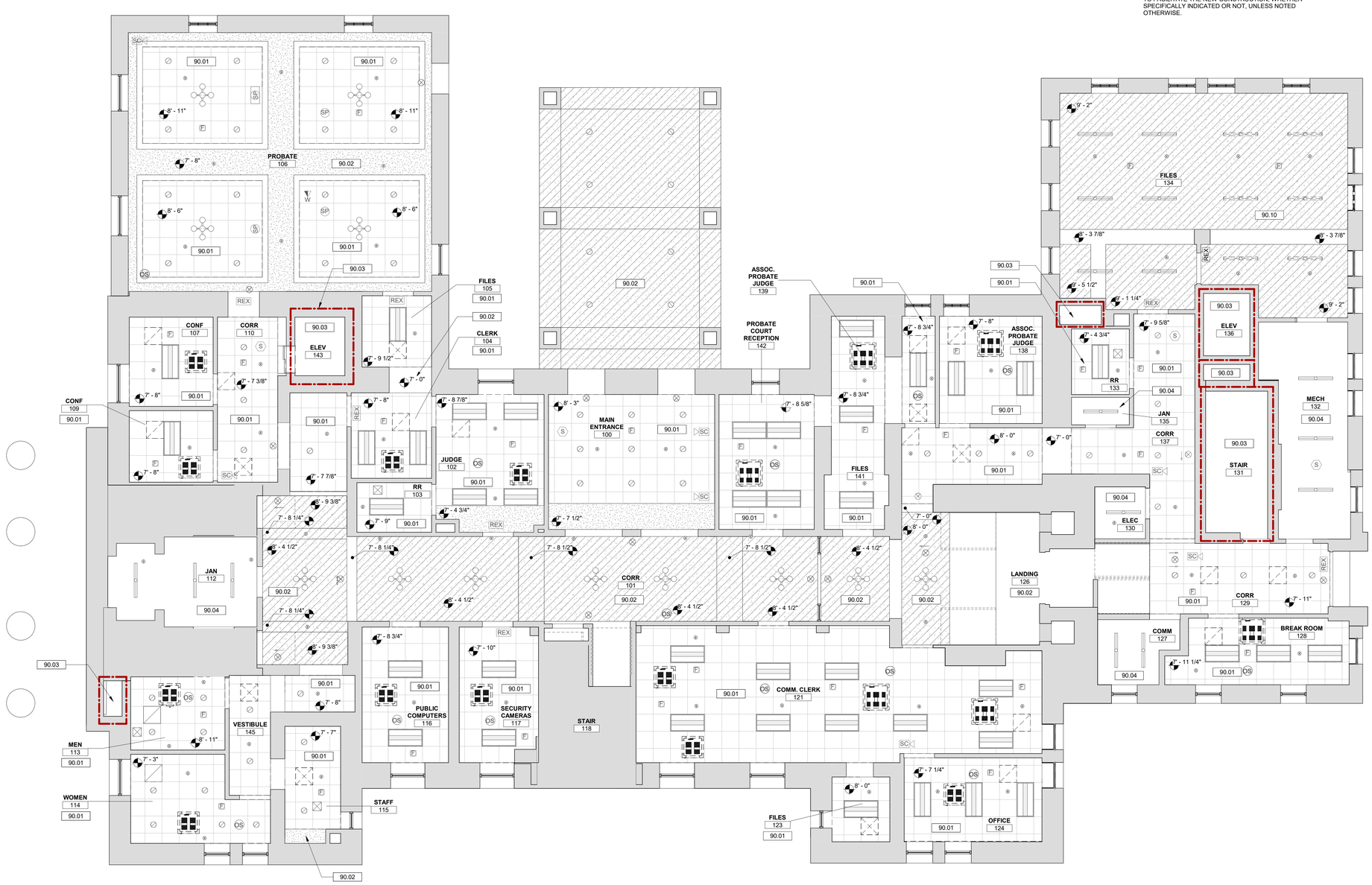
Q. AS APPLICABLE, PROVIDE TEMPORARY ENCLOSURE, BARRIERS AND COVERS TO PROTECT EXISTING FURNITURE, FIXTURES AND EQUIPMENT REMAINING IN PROJECT AREA DURING CONSTRUCTION.

R. REMOVE MECHANICAL AND ELECTRICAL FIXTURES AND CAP OR REMOVE EXISTING BRANCH LINES AS INDICATED IN MECHANICAL AND ELECTRICAL DRAWINGS.

S. COORDINATE PLANS FOR NEW CONSTRUCTION WITH DEMOLITION PLANS WITH EXTENT FOR REMOVAL. REMOVE ONLY THOSE PORTIONS OF WALLS, FLOORS, CEILINGS, ETC. NECESSARY TO ACCOMMODATE NEW CONSTRUCTION.

T. SHOW EXISTING CONDITIONS IN SUFFICIENT DETAIL OF ADJOINING CONSTRUCTION, INCLUDING FINISH SURFACES THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY SELECTIVE DEMOLITION OPERATIONS. SUBMIT BEFORE WORK BEGINS.

U. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION SHALL BE REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED. REPAIR OR REPLACE AFFECTED FINISHES TO MATCH ADJACENT EXISTING CONSTRUCTION. REPORT SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH TO THE OWNER AND ARCHITECT IMMEDIATELY FOR FURTHER DIRECTION.



1 A201 DEMO RCP - 1ST FLOOR
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

DP3 ARCHITECTS LTD. GREENVILLE, SC B - 84017 REGISTERED ARCHITECT
MICHAEL THOMAS WISE GREENVILLE, SC 04570 REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
1ST FLOOR DEMOLITION REFLECTED CEILING PLAN

DRAWING NO.
A201

Drawn By: LMG Checked By: MTP

REFLECTED CEILING PLAN LEGEND

- EXISTING ACT CEILING TO BE REMOVED
- EXISTING STUCCO CEILING TO REMAIN
- EXISTING DRYWALL CEILING TO REMAIN
- EXISTING 1-HOUR RATED WALL TO REMAIN
- NEW HVAC CEILING UNIT
- EXISTING HVAC CEILING UNIT TO BE REMOVED
- TROFFER LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO BE REMOVED
- CAN LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- RETURN DIFFUSER TO BE REMOVED
- SUPPLY DIFFUSER TO BE REMOVED
- EXIT SIGN TO REMAIN
- FIRE SPRINKLER TO REMAIN
- CAMERA TO REMAIN
- SPEAKER TO REMAIN
- SMOKE DETECTOR TO REMAIN
- OCCUPANCY SENSOR TO REMAIN
- FIRE ALARM TO REMAIN
- NEW RETURN DIFFUSER
- NEW SUPPLY DIFFUSER

DRAWING NOTES

90.01 ALL EXISTING SUSPENDED ACOUSTIC CEILING SYSTEM TO BE REMOVED AND REPLACED WITH NEW FOLLOWING INSTALLATION OF NEW MECHANICAL AND ELECTRICAL. ALL EXISTING CEILING GRID TO BE DEMOLISHED. ALL HVAC UNITS, DIFFUSERS AND RETURNS TO BE REMOVED AND REPLACED WITH NEW, REFER TO MECHANICAL DRAWINGS. ALL LIGHTS AND OTHER CEILING MOUNTED DEVICES TO REMAIN UNLESS NOTED OTHERWISE, REFER TO ELECTRICAL DRAWINGS. LIGHTS AND OTHER MISCELLANEOUS DEVICES TO BE TEMPORARILY HUNG FROM THE STRUCTURE ABOVE AND PROTECTED DURING DEMOLITION. ALL EXIT SIGNS, SMOKE AND FIRE DETECTORS, SPRINKLERS TO REMAIN AND BE PROTECTED DURING DEMOLITION.

90.02 DRYWALL AND PLASTER CEILINGS AND SOFFITS TO REMAIN. LIGHTS TO REMAIN UNLESS NOTED OTHERWISE. REMOVE EXISTING BATT INSULATION LAYING ON TOP OF DRYWALL AND DISPOSE OF OFF-SITE. ALL PLASTER CEILINGS AND WALLS ARE CONSIDERED HISTORIC. PROTECT DURING DEMOLITION.

90.03 THE CONDITION OF EXISTING SHAFT ENCLOSURES IS UNDETERMINED. ASSUME ALL EXISTING SHAFTS, EXCEPT STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, ARE NON-RATED. DEMOLISH EXISTING GYPSUM BOARD WALLS AS REQUIRED TO FACILITATE RECONSTRUCTION OF A 1-HOUR FIRE-RESISTANCE-RATED SHAFT ENCLOSURE. NOTIFY THE ARCHITECT PRIOR TO DEMOLISHING POTENTIALLY HISTORIC WALLS, INCLUDING WALLS WITH STONE, BRICK, OR STUCCO FINISHES. REMOVE EXISTING BASES AS REQUIRED FOR REINSTALLATION. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT WALLS FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE TO EXISTING RATED SHAFT ASSEMBLIES SHALL BE REPAIRED USING MATERIALS AND METHODS REQUIRED TO RESTORE THE EXISTING FIRE-RESISTANCE RATING.

90.04 EXISTING OPEN CEILING. ALL DIFFUSERS AND RETURNS TO BE REMOVED AND REPLACED WITH NEW, REFER TO MECHANICAL DRAWINGS. ALL LIGHTS TO REMAIN UNLESS NOTED OTHERWISE, REFER TO ELECTRICAL DRAWINGS. LIGHTS AND OTHER MISCELLANEOUS DEVICES SHALL BE TEMPORARILY HUNG FROM THE STRUCTURE ABOVE AND PROTECTED DURING DEMOLITION. ALL EXIT SIGNS, SMOKE AND FIRE DETECTORS, AND SPRINKLERS TO REMAIN AND BE PROTECTED DURING DEMOLITION.

GENERAL DEMOLITION NOTES

A. THE CONTRACTOR SHALL CONTACT THE OWNER AND ARCHITECT IF HAZARDOUS MATERIALS ARE FOUND DURING DEMOLITION OR CONSTRUCTION.

B. ALL MATERIALS THAT HAVE BEEN DEMOLISHED SHALL BE REMOVED IMMEDIATELY AND DISPOSED OF PROPERLY. NO DEMOLISHED MATERIALS SHALL BE STOCKPILED ON SITE.

C. PROTECT OWNER'S PROPERTY AND PERSONS AT ALL TIMES.

D. ANY ITEMS NOT SHOWN TO BE DEMOLISHED THAT ARE DAMAGED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.

E. COORDINATE ANY SYSTEMS SHUTDOWNS WHICH MAY BE REQUIRED WITH THE OWNER.

F. PRIOR TO COMMENCING WITH THE DEMOLITION, THE CONTRACTOR SHALL ASCERTAIN FROM THE OWNER WHETHER OR NOT THE OWNER WISHES TO RETAIN ANY ITEMS. ANY SUCH ITEMS SHALL BE REMOVED WITH CARE SO AS TO PREVENT UNNECESSARY DAMAGE AND TURNED OVER TO THE OWNER.

G. THE CONTRACTOR SHALL CONTROL AND LIMIT DUST RESULTING FROM DEMOLITION AND PREVENT THE SPREAD OF DUST TO THE REMAINING BUILDING.

H. WHERE DAMPERS, CONDUIT, PIPING, ETC. ARE REMOVED FROM RATED WALLS, WALLS SHALL BE PATCHED AND SEALED TO MAINTAIN FIRE AND SMOKE RATING INTEGRITY OF WALLS.

I. CONTRACTOR SHALL MAKE FUNCTIONAL ALL CIRCUITS DISRUPTED BY ANY DEMOLITION.

J. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.

K. REMOVE ALL WIRING, CONDUIT, WIRING SYSTEMS AND EQUIPMENT MADE OBSOLETE BY DEMOLITION. ANY EXISTING CONDUIT SYSTEM THAT CAN BE REUSED IN PLACE IN THE NEW WORK MAY BE REUSED PROVIDED IT IS IN A CONDITION ACCEPTABLE TO THE ARCHITECT.

L. ALL LIGHTING FIXTURES WHICH ARE TO BE RELOCATED SHALL BE CLEANED AND RE-LAMPED.

M. DEMOLITION INCLUDES REMOVAL OF ALL ITEMS NECESSARY TO FACILITATE THE NEW CONSTRUCTION, WHETHER SPECIFICALLY INDICATED OR NOT, UNLESS NOTED OTHERWISE.

N. ALL UTILITIES DEMOLISHED SHALL BE COMPLETELY REMOVED AND/OR CAPPED. ALL FINISHES TO REMAIN THAT ARE DISTURBED SHALL BE REPAIRED TO MATCH EXISTING.

O. THE CONTRACTOR SHALL SURVEY AND DETERMINE THE REMOVAL OF EXISTING CONSTRUCTION, EITHER WHOLE OR IN PART, AS REQUIRED FOR THE INSTALLATION OF THE NEW MECHANICAL, PLUMBING AND ELECTRICAL WORK.

P. THE CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING FOR FINISHES, FURNITURE, AND FIXTURES IN EXISTING AREAS NOT DESIGNATED FOR DEMOLITION OR NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE CAUSED BY HIS WORK OR ANY SUBCONTRACTORS.

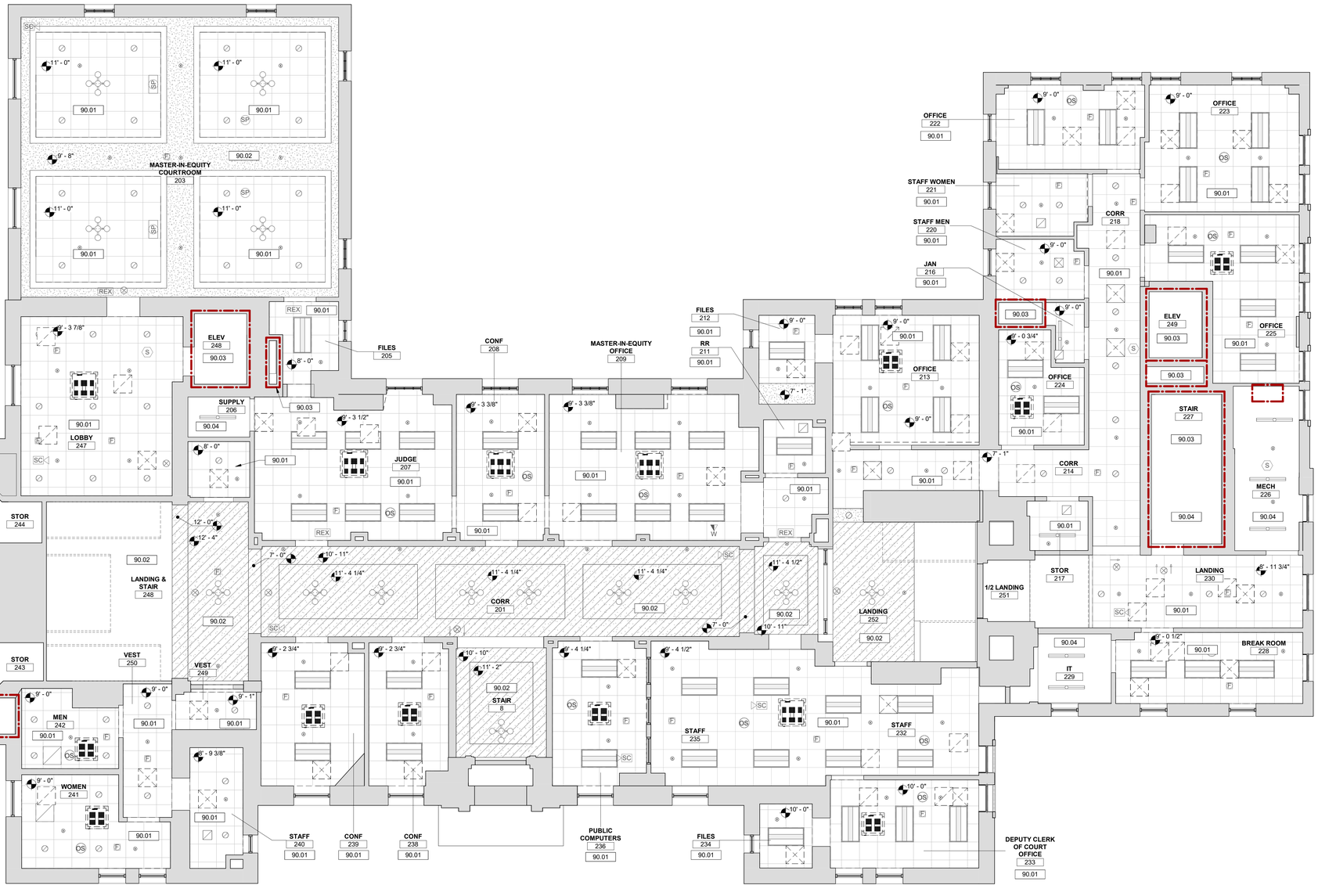
Q. AS APPLICABLE, PROVIDE TEMPORARY ENCLOSURE, BARRIERS AND COVERS TO PROTECT EXISTING FURNITURE, FIXTURES AND EQUIPMENT REMAINING IN PROJECT AREA DURING CONSTRUCTION.

R. REMOVE MECHANICAL AND ELECTRICAL FIXTURES AND CAP OR REMOVE EXISTING BRANCH LINES AS INDICATED IN MECHANICAL AND ELECTRICAL DRAWINGS.

S. COORDINATE PLANS FOR NEW CONSTRUCTION WITH DEMOLITION PLANS WITH EXTENT FOR REMOVAL. REMOVE ONLY THOSE PORTIONS OF WALLS, FLOORS, CEILINGS, ETC. NECESSARY TO ACCOMMODATE NEW CONSTRUCTION.

T. SHOW EXISTING CONDITIONS IN SUFFICIENT DETAIL OF ADJOINING CONSTRUCTION, INCLUDING FINISH SURFACES THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY SELECTIVE DEMOLITION OPERATIONS. SUBMIT BEFORE WORK BEGINS.

U. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION SHALL BE REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED. REPAIR OR REPLACE AFFECTED FINISHES TO MATCH ADJACENT EXISTING CONSTRUCTION. REPORT SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH TO THE OWNER AND ARCHITECT IMMEDIATELY FOR FURTHER DIRECTION.



1 A202 DEMO RCP - 2ND FLOOR
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

DP3 ARCHITECTS LTD. B - 84017 GREENVILLE, SC REGISTERED ARCHITECT
MICHAEL THOMAS WISE GREENVILLE, SC 04570 REGISTERED ARCHITECT
1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
2ND FLOOR DEMOLITION REFLECTED CEILING PLAN

DRAWING NO.
A202

Drawn By: LMG Checked By: MTP

REFLECTED CEILING PLAN LEGEND

- EXISTING ACT CEILING TO BE REMOVED
- EXISTING STUCCO CEILING TO REMAIN
- EXISTING DRYWALL CEILING TO REMAIN
- EXISTING 1-HOUR RATED WALL TO REMAIN
- NEW HVAC CEILING UNIT
- EXISTING HVAC CEILING UNIT TO BE REMOVED
- TROFFER LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO BE REMOVED
- CAN LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- RETURN DIFFUSER TO BE REMOVED
- SUPPLY DIFFUSER TO BE REMOVED
- EXIT SIGN TO REMAIN
- FIRE SPRINKLER TO REMAIN
- CAMERA TO REMAIN
- SPEAKER TO REMAIN
- SMOKE DETECTOR TO REMAIN
- OCCUPANCY SENSOR TO REMAIN
- FIRE ALARM TO REMAIN
- NEW RETURN DIFFUSER
- NEW SUPPLY DIFFUSER

DRAWING NOTES

90.02 DRYWALL AND PLASTER CEILINGS AND SOFFITS TO REMAIN. LIGHTS TO REMAIN UNLESS NOTED OTHERWISE. REMOVE EXISTING BATT INSULATION LAYING ON TOP OF DRYWALL AND DISPOSE OF OFF-SITE. ALL PLASTER CEILINGS AND WALLS ARE CONSIDERED HISTORIC. PROTECT DURING DEMOLITION.

90.03 THE CONDITION OF EXISTING SHAFT ENCLOSURES IS UNDETERMINED. ASSUME ALL EXISTING SHAFTS, EXCEPT STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, ARE NON-RATED. DEMOLISH EXISTING GYPSUM BOARD WALLS AS REQUIRED TO FACILITATE RECONSTRUCTION OF A 1-HOUR FIRE-RESISTANCE-RATED SHAFT ENCLOSURE. NOTIFY THE ARCHITECT PRIOR TO DEMOLISHING POTENTIALLY HISTORIC WALLS, INCLUDING WALLS WITH STONE, BRICK, OR STUCCO FINISHES. REMOVE EXISTING BASES AS REQUIRED FOR REINSTALLATION. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT WALLS FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE TO EXISTING RATED SHAFT ASSEMBLIES SHALL BE REPAIRED USING MATERIALS AND METHODS REQUIRED TO RESTORE THE EXISTING FIRE-RESISTANCE RATING.

90.04 EXISTING OPEN CEILING. ALL DIFFUSERS AND RETURNS TO BE REMOVED AND REPLACED WITH NEW, REFER TO MECHANICAL DRAWINGS. ALL LIGHTS TO REMAIN UNLESS NOTED OTHERWISE, REFER TO ELECTRICAL DRAWINGS. LIGHTS AND OTHER MISCELLANEOUS DEVICES SHALL BE TEMPORARILY HUNG FROM THE STRUCTURE ABOVE AND PROTECTED DURING DEMOLITION. ALL EXIT SIGNS, SMOKE AND FIRE DETECTORS, AND SPRINKLERS TO REMAIN AND BE PROTECTED DURING DEMOLITION.

GENERAL DEMOLITION NOTES

A. THE CONTRACTOR SHALL CONTACT THE OWNER AND ARCHITECT IF HAZARDOUS MATERIALS ARE FOUND DURING DEMOLITION OR CONSTRUCTION.

B. ALL MATERIALS THAT HAVE BEEN DEMOLISHED SHALL BE REMOVED IMMEDIATELY AND DISPOSED OF PROPERLY. NO DEMOLISHED MATERIALS SHALL BE STOCKPILED ON SITE.

C. PROTECT OWNER'S PROPERTY AND PERSONS AT ALL TIMES.

D. ANY ITEMS NOT SHOWN TO BE DEMOLISHED THAT ARE DAMAGED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.

E. COORDINATE ANY SYSTEMS SHUTDOWNS WHICH MAY BE REQUIRED WITH THE OWNER.

F. PRIOR TO COMMENCING WITH THE DEMOLITION, THE CONTRACTOR SHALL ASCERTAIN FROM THE OWNER WHETHER OR NOT THE OWNER WISHES TO RETAIN ANY ITEMS. ANY SUCH ITEMS SHALL BE REMOVED WITH CARE SO AS TO PREVENT UNNECESSARY DAMAGE AND TURNED OVER TO THE OWNER.

G. THE CONTRACTOR SHALL CONTROL AND LIMIT DUST RESULTING FROM DEMOLITION AND PREVENT THE SPREAD OF DUST TO THE REMAINING BUILDING.

H. WHERE DAMPERS, CONDUIT, PIPING, ETC. ARE REMOVED FROM RATED WALLS, WALLS SHALL BE PATCHED AND SEALED TO MAINTAIN FIRE AND SMOKE RATING INTEGRITY OF WALLS.

I. CONTRACTOR SHALL MAKE FUNCTIONAL ALL CIRCUITS DISRUPTED BY ANY DEMOLITION.

J. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.

K. REMOVE ALL WIRING, CONDUIT, WIRING SYSTEMS AND EQUIPMENT MADE OBSOLETE BY DEMOLITION. ANY EXISTING CONDUIT SYSTEM THAT CAN BE REUSED IN PLACE IN THE NEW WORK MAY BE REUSED PROVIDED IT IS IN A CONDITION ACCEPTABLE TO THE ARCHITECT.

L. ALL LIGHTING FIXTURES WHICH ARE TO BE RELOCATED SHALL BE CLEANED AND RE-LAMPED.

M. DEMOLITION INCLUDES REMOVAL OF ALL ITEMS NECESSARY TO FACILITATE THE NEW CONSTRUCTION, WHETHER SPECIFICALLY INDICATED OR NOT, UNLESS NOTED OTHERWISE.

N. ALL UTILITIES DEMOLISHED SHALL BE COMPLETELY REMOVED AND/OR CAPPED. ALL FINISHES TO REMAIN THAT ARE DISTURBED SHALL BE REPAIRED TO MATCH EXISTING.

O. THE CONTRACTOR SHALL SURVEY AND DETERMINE THE REMOVAL OF EXISTING CONSTRUCTION, EITHER WHOLE OR IN PART, AS REQUIRED FOR THE INSTALLATION OF THE NEW MECHANICAL, PLUMBING AND ELECTRICAL WORK.

P. THE CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING FOR FINISHES, FURNITURE, AND FIXTURES IN EXISTING AREAS NOT DESIGNATED FOR DEMOLITION OR NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE CAUSED BY HIS WORK OR ANY SUBCONTRACTORS.

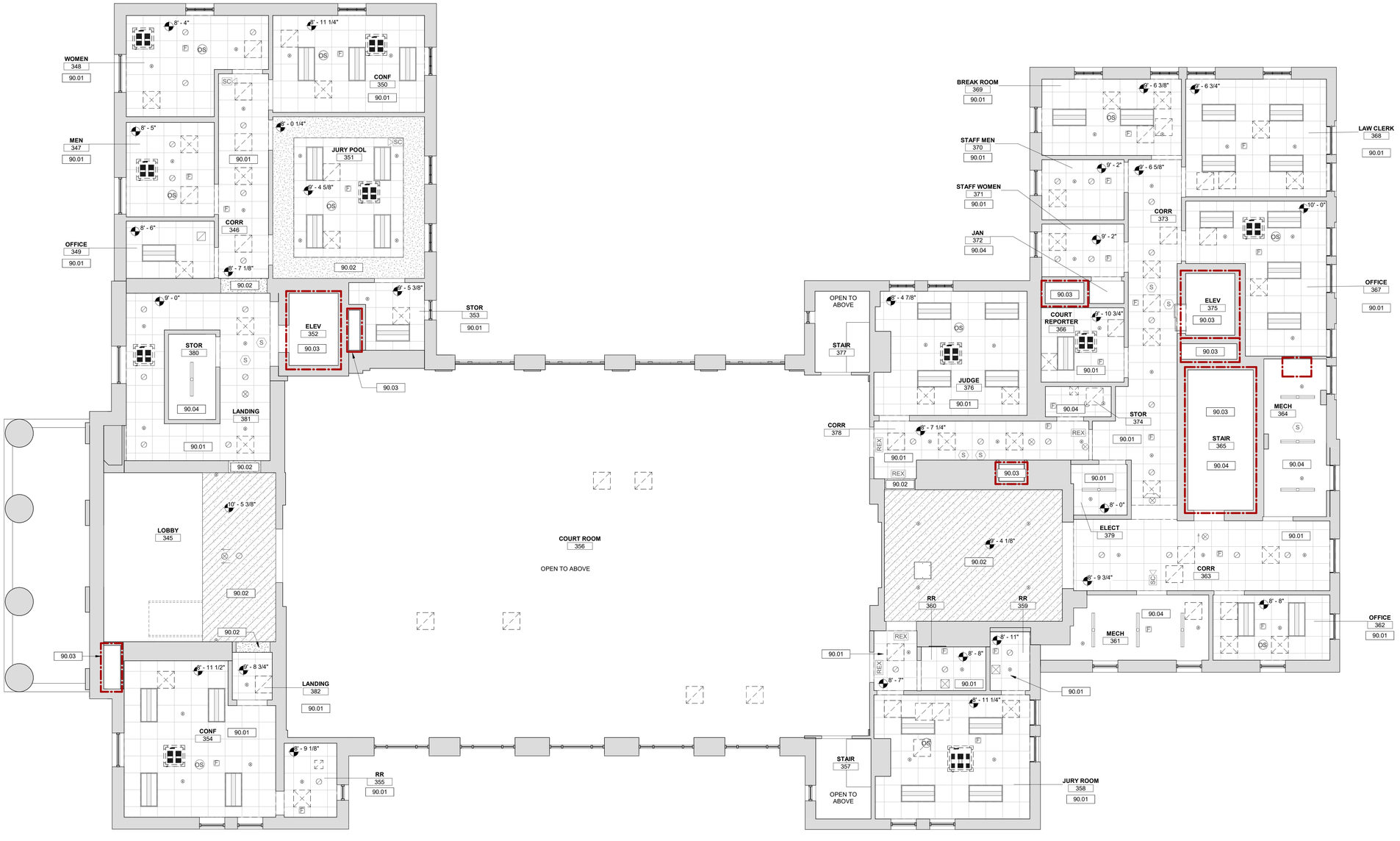
Q. AS APPLICABLE, PROVIDE TEMPORARY ENCLOSURE, BARRIERS AND COVERS TO PROTECT EXISTING FURNITURE, FIXTURES AND EQUIPMENT REMAINING IN PROJECT AREA DURING CONSTRUCTION.

R. REMOVE MECHANICAL AND ELECTRICAL FIXTURES AND CAP OR REMOVE EXISTING BRANCH LINES AS INDICATED IN MECHANICAL AND ELECTRICAL DRAWINGS.

S. COORDINATE PLANS FOR NEW CONSTRUCTION WITH DEMOLITION PLANS WITH EXTENT FOR REMOVAL REMOVE ONLY THOSE PORTIONS OF WALLS, FLOORS, CEILINGS, ETC. NECESSARY TO ACCOMMODATE NEW CONSTRUCTION.

T. SHOW EXISTING CONDITIONS IN SUFFICIENT DETAIL OF ADJOINING CONSTRUCTION, INCLUDING FINISH SURFACES THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY SELECTIVE DEMOLITION OPERATIONS. SUBMIT BEFORE WORK BEGINS.

U. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION SHALL BE REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED. REPAIR OR REPLACE AFFECTED FINISHES TO MATCH ADJACENT EXISTING CONSTRUCTION. REPORT SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH TO THE OWNER AND ARCHITECT IMMEDIATELY FOR FURTHER DIRECTION.



1 A203 DEMO RCP - 3RD FLOOR
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE) 0" 1" 2" 3" 4"

STATE OF SOUTH CAROLINA — DP3 ARCHITECTS LTD. — GREENVILLE, SC B - 84017 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — MICHAEL THOMAS WISE — GREENVILLE, SC 04570 — REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

York County South Carolina

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

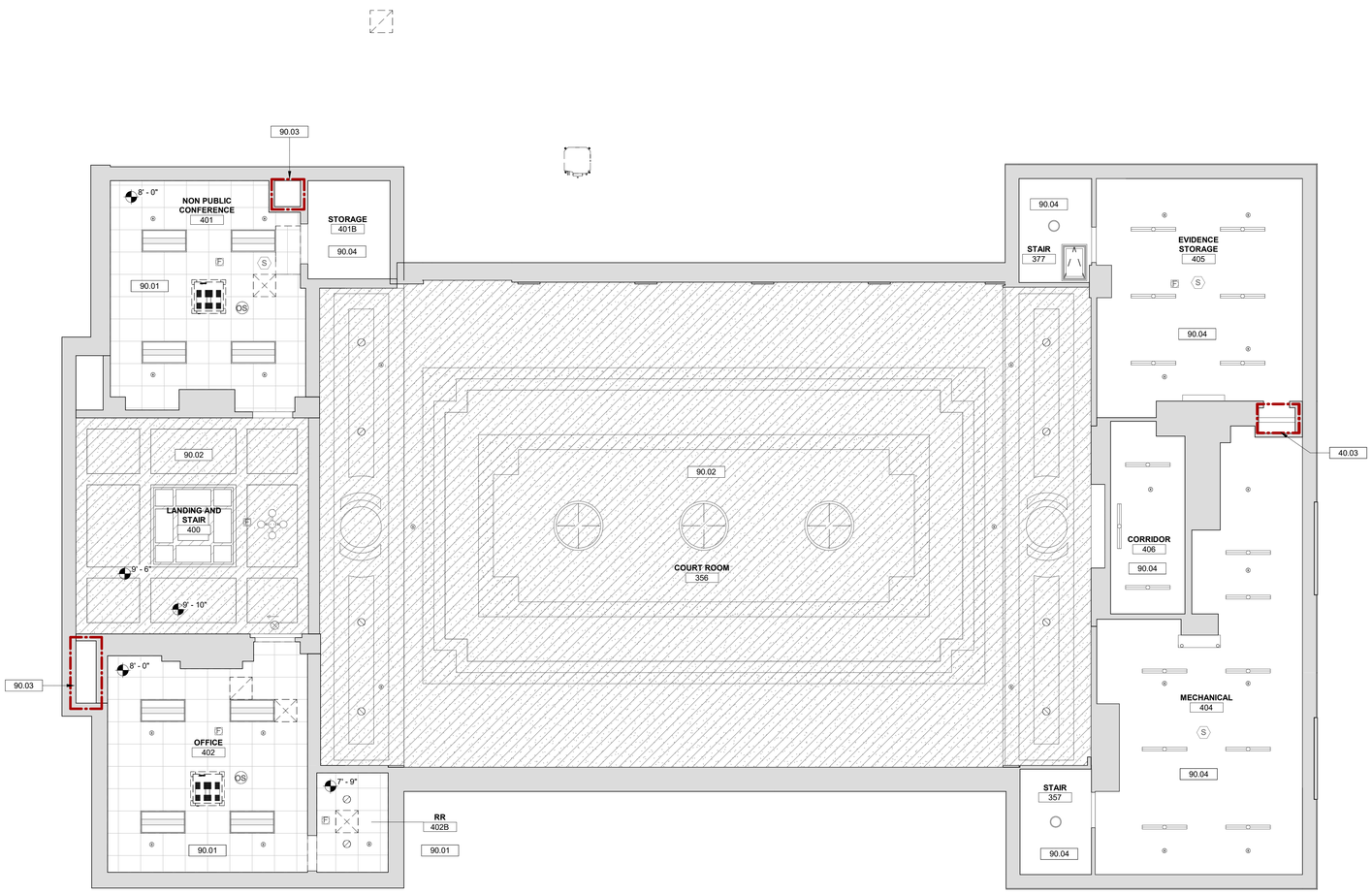
DRAWING NAME
3RD FLOOR DEMOLITION REFLECTED CEILING PLAN

DRAWING NO.
A203

Drawn By: LMG Checked By: MTP

REFLECTED CEILING PLAN LEGEND

- EXISTING ACT CEILING TO BE REMOVED
- EXISTING STUCCO CEILING TO REMAIN
- EXISTING DRYWALL CEILING TO REMAIN
- EXISTING 1-HOUR RATED WALL TO REMAIN
- NEW HVAC CEILING UNIT
- EXISTING HVAC CEILING UNIT TO BE REMOVED
- TROFFER LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO BE REMOVED
- CAN LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- RETURN DIFFUSER TO BE REMOVED
- SUPPLY DIFFUSER TO BE REMOVED
- EXIT SIGN TO REMAIN
- FIRE SPRINKLER TO REMAIN
- CAMERA TO REMAIN
- SPEAKER TO REMAIN
- SMOKE DETECTOR TO REMAIN
- OCCUPANCY SENSOR TO REMAIN
- FIRE ALARM TO REMAIN
- NEW RETURN DIFFUSER
- NEW SUPPLY DIFFUSER



1 A204 DEMO RCP - 4TH FLOOR
3/16" = 1'-0"

BAR GRAPHIC (IS 4" AT FULL SCALE)

DRAWING NOTES

90.02 DRYWALL AND PLASTER CEILINGS AND SOFFITS TO REMAIN. LIGHTS TO REMAIN UNLESS NOTED OTHERWISE. REMOVE EXISTING BATT INSULATION LAYING ON TOP OF DRYWALL AND DISPOSE OF OFF-SITE. ALL PLASTER CEILINGS AND WALLS ARE CONSIDERED HISTORIC. PROTECT DURING DEMOLITION.

90.03 THE CONDITION OF EXISTING SHAFT ENCLOSURES IS UNDETERMINED. ASSUME ALL EXISTING SHAFTS, EXCEPT STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, ARE NON-RATED. DEMOLISH EXISTING GYPSUM BOARD WALLS AS REQUIRED TO FACILITATE RECONSTRUCTION OF A 1-HOUR FIRE-RESISTANCE-RATED SHAFT ENCLOSURE. NOTIFY THE ARCHITECT PRIOR TO DEMOLISHING POTENTIALLY HISTORIC WALLS, INCLUDING WALLS WITH STONE, BRICK, OR STUCCO FINISHES. REMOVE EXISTING BASES AS REQUIRED FOR REINSTALLATION. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT WALLS FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE TO EXISTING RATED SHAFT ASSEMBLIES SHALL BE REPAIRED USING MATERIALS AND METHODS REQUIRED TO RESTORE THE EXISTING FIRE-RESISTANCE RATING.

90.04 EXISTING OPEN CEILING. ALL DIFFUSERS AND RETURNS TO BE REMOVED AND REPLACED WITH NEW, REFER TO MECHANICAL DRAWINGS. ALL LIGHTS TO REMAIN UNLESS NOTED OTHERWISE, REFER TO ELECTRICAL DRAWINGS. LIGHTS AND OTHER MISCELLANEOUS DEVICES SHALL BE TEMPORARILY HUNG FROM THE STRUCTURE ABOVE AND PROTECTED DURING DEMOLITION. ALL EXIT SIGNS, SMOKE AND FIRE DETECTORS, AND SPRINKLERS TO REMAIN AND BE PROTECTED DURING DEMOLITION.

GENERAL DEMOLITION NOTES

A. THE CONTRACTOR SHALL CONTACT THE OWNER AND ARCHITECT IF HAZARDOUS MATERIALS ARE FOUND DURING DEMOLITION OR CONSTRUCTION.

B. ALL MATERIALS THAT HAVE BEEN DEMOLISHED SHALL BE REMOVED IMMEDIATELY AND DISPOSED OF PROPERLY. NO DEMOLISHED MATERIALS SHALL BE STOCKPILED ON SITE.

C. PROTECT OWNER'S PROPERTY AND PERSONS AT ALL TIMES.

D. ANY ITEMS NOT SHOWN TO BE DEMOLISHED THAT ARE DAMAGED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.

E. COORDINATE ANY SYSTEMS SHUTDOWNS WHICH MAY BE REQUIRED WITH THE OWNER.

F. PRIOR TO COMMENCING WITH THE DEMOLITION, THE CONTRACTOR SHALL ASCERTAIN FROM THE OWNER WHETHER OR NOT THE OWNER WISHES TO RETAIN ANY ITEMS. ANY SUCH ITEMS SHALL BE REMOVED WITH CARE SO AS TO PREVENT UNNECESSARY DAMAGE AND TURNED OVER TO THE OWNER.

G. THE CONTRACTOR SHALL CONTROL AND LIMIT DUST RESULTING FROM DEMOLITION AND PREVENT THE SPREAD OF DUST TO THE REMAINING BUILDING.

H. WHERE DAMPERS, CONDUIT, PIPING, ETC. ARE REMOVED FROM RATED WALLS, WALLS SHALL BE PATCHED AND SEALED TO MAINTAIN FIRE AND SMOKE RATING INTEGRITY OF WALLS.

I. CONTRACTOR SHALL MAKE FUNCTIONAL ALL CIRCUITS DISRUPTED BY ANY DEMOLITION.

J. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.

K. REMOVE ALL WIRING, CONDUIT, WIRING SYSTEMS AND EQUIPMENT MADE OBSOLETE BY DEMOLITION. ANY EXISTING CONDUIT SYSTEM THAT CAN BE REUSED IN PLACE IN THE NEW WORK MAY BE REUSED PROVIDED IT IS IN A CONDITION ACCEPTABLE TO THE ARCHITECT.

L. ALL LIGHTING FIXTURES WHICH ARE TO BE RELOCATED SHALL BE CLEANED AND RE-LAMPED.

M. DEMOLITION INCLUDES REMOVAL OF ALL ITEMS NECESSARY TO FACILITATE THE NEW CONSTRUCTION, WHETHER SPECIFICALLY INDICATED OR NOT, UNLESS NOTED OTHERWISE.

N. ALL UTILITIES DEMOLISHED SHALL BE COMPLETELY REMOVED AND/OR CAPPED. ALL FINISHES TO REMAIN THAT ARE DISTURBED SHALL BE REPAIRED TO MATCH EXISTING.

O. THE CONTRACTOR SHALL SURVEY AND DETERMINE THE REMOVAL OF EXISTING CONSTRUCTION, EITHER WHOLE OR IN PART, AS REQUIRED FOR THE INSTALLATION OF THE NEW MECHANICAL, PLUMBING AND ELECTRICAL WORK.

P. THE CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING FOR FINISHES, FURNITURE, AND FIXTURES IN EXISTING AREAS NOT DESIGNATED FOR DEMOLITION OR NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE CAUSED BY HIS WORK OR ANY SUBCONTRACTORS.

Q. AS APPLICABLE, PROVIDE TEMPORARY ENCLOSURE, BARRIERS AND COVERS TO PROTECT EXISTING FURNITURE, FIXTURES AND EQUIPMENT REMAINING IN PROJECT AREA DURING CONSTRUCTION.

R. REMOVE MECHANICAL AND ELECTRICAL FIXTURES AND CAP OR REMOVE EXISTING BRANCH LINES AS INDICATED IN MECHANICAL AND ELECTRICAL DRAWINGS.

S. COORDINATE PLANS FOR NEW CONSTRUCTION WITH DEMOLITION PLANS WITH EXTENT FOR REMOVAL. REMOVE ONLY THOSE PORTIONS OF WALLS, FLOORS, CEILINGS, ETC. NECESSARY TO ACCOMMODATE NEW CONSTRUCTION.

T. SHOW EXISTING CONDITIONS IN SUFFICIENT DETAIL OF ADJOINING CONSTRUCTION, INCLUDING FINISH SURFACES THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY SELECTIVE DEMOLITION OPERATIONS. SUBMIT BEFORE WORK BEGINS.

U. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION SHALL BE REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED. REPAIR OR REPLACE AFFECTED FINISHES TO MATCH ADJACENT EXISTING CONSTRUCTION. REPORT SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH TO THE OWNER AND ARCHITECT IMMEDIATELY FOR FURTHER DIRECTION.

STATE OF SOUTH CAROLINA
DP3 ARCHITECTS LTD.
GREENVILLE, SC
B - 84017
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
MICHAEL THOMAS WEST
GREENVILLE, SC
04570
REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
4TH FLOOR DEMOLITION REFLECTED CEILING PLAN

DRAWING NO.
A204

Drawn By: LMG Checked By: MTP

REFLECTED CEILING PLAN LEGEND

- EXISTING ACT CEILING TO BE REMOVED
- EXISTING STUCCO CEILING TO REMAIN
- EXISTING DRYWALL CEILING TO REMAIN
- EXISTING 1-HOUR RATED WALL TO REMAIN
- NEW HVAC CEILING UNIT
- EXISTING HVAC CEILING UNIT TO BE REMOVED
- TROFFER LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO BE REMOVED
- CAN LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- RETURN DIFFUSER TO BE REMOVED
- SUPPLY DIFFUSER TO BE REMOVED
- EXIT SIGN TO REMAIN
- FIRE SPRINKLER TO REMAIN
- CAMERA TO REMAIN
- SPEAKER TO REMAIN
- SMOKE DETECTOR TO REMAIN
- OCCUPANCY SENSOR TO REMAIN
- FIRE ALARM TO REMAIN
- NEW RETURN DIFFUSER
- NEW SUPPLY DIFFUSER

DRAWING NOTES

26.01 NEW LIGHT FIXTURES. REFER TO ELECTRICAL DRAWINGS.

50.01 INSTALL NEW CEILING GRID AND NEW ACOUSTIC CEILING TILE. REFER TO MECHANICAL DRAWINGS FOR NEW HVAC LOCATIONS. ALL EXISTING LIGHTS AND OTHER MISCELLANEOUS DEVICES TO BE CLEANED AND LEFT IN A LIKE NEW CONDITION.

50.02 EXISTING DRYWALL OR PLASTER CEILINGS, INCLUDING PLASTER FINISHES AT THE UNDERSIDE OF STAIRS, SHALL REMAIN. EXISTING ELECTRICAL AND MECHANICAL DEVICES SHALL REMAIN UNLESS NOTED OTHERWISE.

50.03 NEW 1-HOUR FIRE-RESISTANCE-RATED SHAFT ENCLOSURE AND SHAFT SOFFIT. CONSTRUCT VERTICAL SHAFT WALLS IN ACCORDANCE WITH UL DESIGN U415 AND HORIZONTAL SHAFT SOFFITS IN ACCORDANCE WITH UL DESIGN I504. PROVIDE RATED SOFFITS ABOVE ACOUSTICAL CEILING TILE AND GRID WHERE APPLICABLE. SOFFITS SHALL MAINTAIN A CONTINUOUS FIRE-RATED SHAFT ENCLOSURE.

50.04 RECONSTRUCT SHAFT ENCLOSURES AS REQUIRED TO PROVIDE A MINIMUM 1-HOUR FIRE-RESISTANCE RATING, EXCEPT AT EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, WHICH SHALL REMAIN UNMODIFIED. REINSTALL EXISTING BASES WHERE REMOVED. PROVIDE APPROVED FIRESTOPPING AT ALL NEW PENETRATIONS AND SEAL ALL ABANDONED OPENINGS AND EXISTING THROUGH-WALL PENETRATIONS AS REQUIRED TO MAINTAIN THE REQUIRED FIRE-RESISTANCE RATING OF THE SHAFT ENCLOSURE. COORDINATE ALL WORK WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT ASSEMBLIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE OR NEW PENETRATIONS SHALL BE REPAIRED AND FIRESTOPPED AS REQUIRED TO MAINTAIN THE EXISTING FIRE-RESISTANCE RATING.

50.05 EXISTING OPEN CEILING TO REMAIN. PROVIDE NEW SUPPLY DIFFUSERS AND RETURN GRILLES. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS AND TYPES. EXISTING LIGHT FIXTURES SHALL REMAIN UNLESS NOTED OTHERWISE. REFER TO ELECTRICAL DRAWINGS. EXISTING EXIT SIGNS, FIRE ALARM DEVICES, SMOKE DETECTORS, AND SPRINKLER HEADS SHALL REMAIN AND BE REINSTALLED OR ADJUSTED AS REQUIRED TO ACCOMMODATE THE NEW MECHANICAL WORK.

REFLECTED CEILING PLAN NOTES

A. COORDINATE ALL LIGHTING TYPES WITH ELECTRICAL DRAWINGS.

B. REFER TO ELECTRICAL DRAWINGS FOR ALL CEILING MOUNTED EXIT LIGHTS, SMOKE DETECTORS, SPEAKERS, FIRE ALARM DEVICES, ETC. FOR ITEMS NOT INDICATED ON THE REFLECTED CEILING PLAN, COORDINATE LOCATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION.

C. COORDINATE ALL HVAC MECHANICAL DEVICES WITH MECHANICAL DRAWINGS.

D. IF AS-BUILT CONDITIONS DEMAND THAT A CEILING BOARD LARGER THAN 2'-0" IN ANY DIMENSION BE USED IN THE PERIMETER BOARDS OF A TYPICAL 2'X2' GRID, THEN THAT BOARD SHALL BE CUT FROM A 2'X4' BOARD. A DOUBLE WALL ANGLE SHALL NOT BE USED IN THE CEILING GRID SYSTEM.

E. CEILING SUSPENSION SYSTEM TO MEET SEISMIC REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE CURRENT EDITION.

F. LOCATE ALL TRACK & RECESSED FIXTURES AT THE CENTERLINE OF TILE UNLESS NOTED OTHERWISE. INSTALL ALL ELECTRICAL SYSTEM COMPONENTS WITHOUT INTERFERING WITH DUCTS, PIPES, BEAMS, ETC. LOCATE LIGHT FIXTURES SYMMETRICALLY, AS DIMENSIONED, OR AS INDICATED ON THE REFLECTED CEILING PLANS. IN THE EVENT OF CONFLICT, THE ARCHITECT WILL DECIDE WHICH ITEM TO RELOCATE WITHOUT REGARD TO WHICH WAS INSTALLED FIRST.

G. COORDINATE ALL EXPOSED CEILING WORK WITH ALL TRADES, AND PROVIDE SKETCH (FOR PRE-INSTALLATION MEETING) OF ALL CONDUIT RUNS, JUNCTION BOXES, DUCTWORK AND SUPPORTS, PLUMBING (OVERHEAD) AND FIRE PROTECTION PIPING, IN EXPOSED CEILING AREAS. CONTRACTOR SHALL SCHEDULE A PRE-INSTALLATION COORDINATION MEETING WITH ALL TRADES REPRESENTED, INCLUDING ARCHITECT, WHERE FINAL APPROVAL FOR ALL ROUTING WILL BE GRANTED. ALL EQUIPMENT, PIPING OR ACCESSORIES INSTALLED IN THESE AREAS SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.

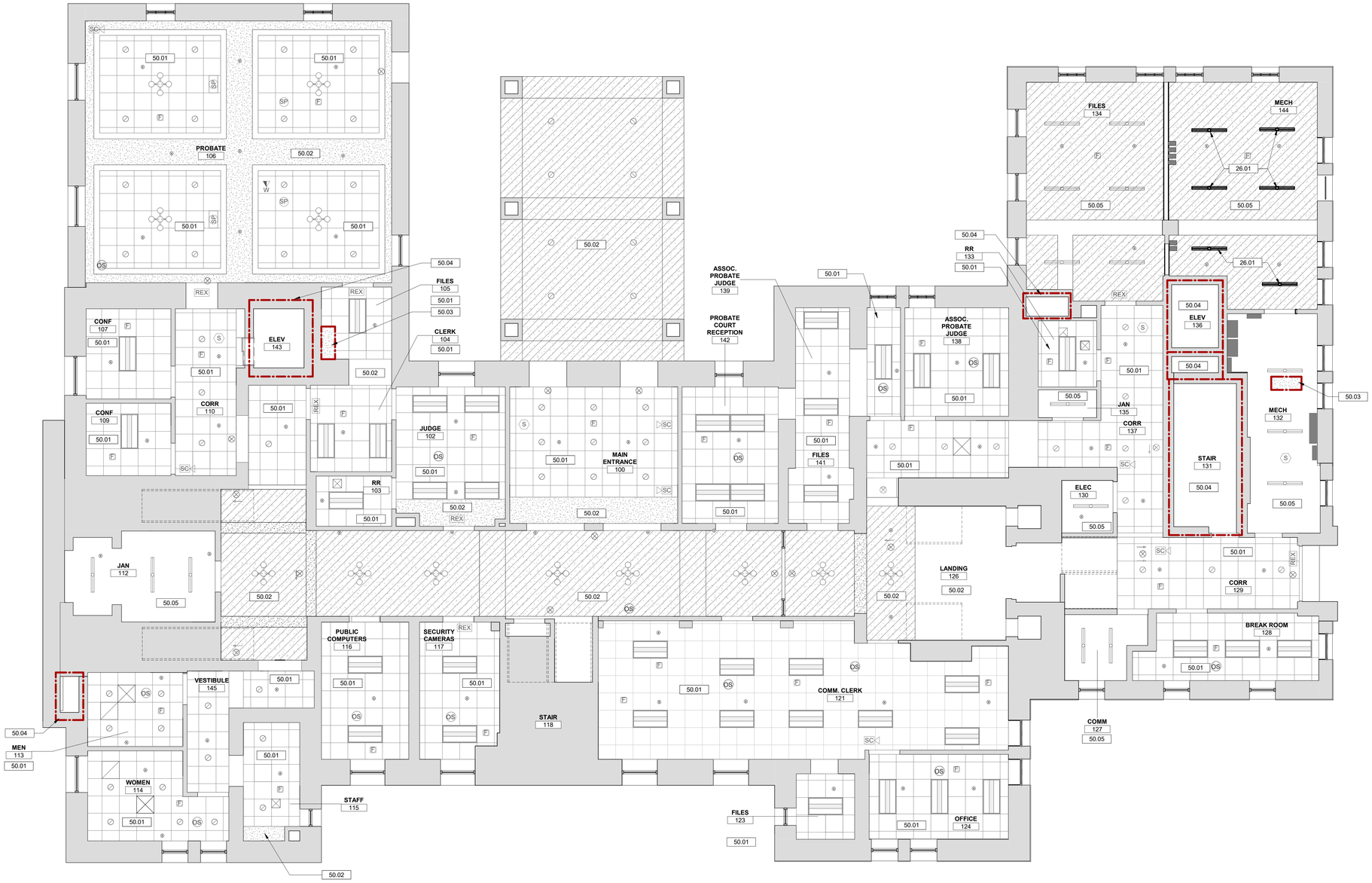
H. THE CONTRACT DRAWINGS WERE PREPARED BASED ON EXISTING DRAWINGS, SITE SURVEY, AND OTHER DOCUMENTS AND INFORMATION PROVIDED TO THE ARCHITECT BY YORK COUNTY. ACTUAL FIELD CONDITIONS MAY VARY FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS AND COORDINATING ANY VARIANCES WITH THE OWNER AND ARCHITECT.

I. ALL GYPSUM CEILINGS DISTURBED BY CONSTRUCTION SHALL BE PATCHED, REPAIRED, AND PAINTED. PAINT ENTIRE AFFECTED CEILING EDGE TO EDGE TO MATCH EXISTING ADJACENT FINISHES.

J. ALL EXISTING PLASTER WALLS AND CEILINGS ARE CONSIDERED PART OF THE HISTORIC CHARACTER OF THE BUILDING AND SHALL BE PROTECTED DURING CONSTRUCTION. DISTURBANCE OR REMOVAL OF EXISTING PLASTER SHALL BE MINIMIZED. ANY PLASTER DISTURBED BY CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING HISTORIC MATERIALS, TEXTURE, AND FINISH TO THE GREATEST EXTENT POSSIBLE.

K. INSTALL NEW CEILINGS TO MATCH THE EXISTING CEILING LOCATIONS AND HEIGHTS. REFER TO THE DEMOLITION REFLECTED CEILING PLANS AND FIELD VERIFY ALL EXISTING CEILING HEIGHTS PRIOR TO INSTALLATION. IF DISCREPANCIES OR CONFLICTS ARE IDENTIFIED, NOTIFY THE ARCHITECT AND ENGINEER AND COORDINATE RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.

L. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BE CLEANED AND REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED, INCLUDING ACOUSTICAL CEILING TILES. ALL EXISTING DUCTWORK SCHEDULED TO REMAIN SHALL BE THOROUGHLY CLEANED PRIOR TO PROJECT COMPLETION, REGARDLESS OF WHETHER VISIBLE MOLD IS PRESENT. REPAIR OR REPLACE AFFECTED GYPSUM BOARD, PLASTER, FLOORING, TRIM, AND OTHER FINISHES AS REQUIRED TO MATCH ADJACENT EXISTING CONSTRUCTION. PROVIDE ATTIC STOCK MATERIALS WHERE AVAILABLE. ALL REPAIRED AREAS SHALL BE PATCHED, FINISHED, AND PAINTED TO MATCH ADJACENT SURFACES. SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH SHALL BE REPORTED TO THE OWNER AND ARCHITECT IMMEDIATELY AND SHALL BE ADDRESSED IN ACCORDANCE WITH PROJECT HAZARDOUS MATERIAL REQUIREMENTS.



1 A211 RCP - 1ST FLOOR
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE) 0" 1" 2" 3" 4"

DP3 ARCHITECTS LTD. B - 84017 GREENVILLE, SC
MICHAEL THOMAS WISE GREENVILLE, SC 04570
STATE OF SOUTH CAROLINA REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
1ST FLOOR REFLECTED CEILING PLAN

DRAWING NO.
A211

Drawn By: LMG Checked By: MTP

REFLECTED CEILING PLAN LEGEND

- EXISTING ACT CEILING TO BE REMOVED
- EXISTING STUCCO CEILING TO REMAIN
- EXISTING DRYWALL CEILING TO REMAIN
- EXISTING 1-HOUR RATED WALL TO REMAIN
- NEW HVAC CEILING UNIT
- EXISTING HVAC CEILING UNIT TO BE REMOVED
- TROFFER LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO BE REMOVED
- CAN LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- RETURN DIFFUSER TO BE REMOVED
- SUPPLY DIFFUSER TO BE REMOVED
- EXIT SIGN TO REMAIN
- FIRE SPRINKLER TO REMAIN
- CAMERA TO REMAIN
- SPEAKER TO REMAIN
- SMOKE DETECTOR TO REMAIN
- OCCUPANCY SENSOR TO REMAIN
- FIRE ALARM TO REMAIN
- NEW RETURN DIFFUSER
- NEW SUPPLY DIFFUSER

DRAWING NOTES

50.01 INSTALL NEW CEILING GRID AND NEW ACOUSTIC CEILING TILE. REFER TO MECHANICAL DRAWINGS FOR NEW HVAC LOCATIONS. ALL EXISTING LIGHTS AND OTHER MISCELLANEOUS DEVICES TO BE CLEANED AND LEFT IN A LIKE NEW CONDITION.

50.02 EXISTING DRYWALL OR PLASTER CEILINGS, INCLUDING PLASTER FINISHES AT THE UNDERSIDE OF STAIRS, SHALL REMAIN. EXISTING ELECTRICAL AND MECHANICAL DEVICES SHALL REMAIN UNLESS NOTED OTHERWISE.

50.03 NEW 1-HOUR FIRE-RESISTANCE-RATED SHAFT ENCLOSURE AND SHAFT SOFFIT. CONSTRUCT VERTICAL SHAFT WALLS IN ACCORDANCE WITH UL DESIGN U415 AND HORIZONTAL SHAFT SOFFITS IN ACCORDANCE WITH UL DESIGN I504. PROVIDE RATED SOFFITS ABOVE ACOUSTICAL CEILING TILE AND GRID WHERE APPLICABLE. SOFFITS SHALL MAINTAIN A CONTINUOUS FIRE-RATED SHAFT ENCLOSURE.

50.04 RECONSTRUCT SHAFT ENCLOSURES AS REQUIRED TO PROVIDE A MINIMUM 1-HOUR FIRE-RESISTANCE RATING, EXCEPT AT EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, WHICH SHALL REMAIN UNMODIFIED. REINSTALL EXISTING BASES WHERE REMOVED. PROVIDE APPROVED FIRESTOPPING AT ALL NEW PENETRATIONS AND SEAL ALL ABANDONED OPENINGS AND EXISTING THROUGH-WALL PENETRATIONS AS REQUIRED TO MAINTAIN THE REQUIRED FIRE-RESISTANCE RATING OF THE SHAFT ENCLOSURE. COORDINATE ALL WORK WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT ASSEMBLIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE OR NEW PENETRATIONS SHALL BE REPAIRED AND FIRESTOPPED AS REQUIRED TO MAINTAIN THE EXISTING FIRE-RESISTANCE RATING.

REFLECTED CEILING PLAN NOTES

A. COORDINATE ALL LIGHTING TYPES WITH ELECTRICAL DRAWINGS.

B. REFER TO ELECTRICAL DRAWINGS FOR ALL CEILING MOUNTED EXIT LIGHTS, SMOKE DETECTORS, SPEAKERS, FIRE ALARM DEVICES, ETC. FOR ITEMS NOT INDICATED ON THE REFLECTED CEILING PLAN, COORDINATE LOCATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION.

C. COORDINATE ALL HVAC MECHANICAL DEVICES WITH MECHANICAL DRAWINGS.

D. IF AS-BUILT CONDITIONS DEMAND THAT A CEILING BOARD LARGER THAN 2'-0" IN ANY DIMENSION BE USED IN THE PERIMETER BOARDS OF A TYPICAL 2'X2' GRID, THEN THAT BOARD SHALL BE CUT FROM A 2'X4' BOARD. A DOUBLE WALL ANGLE SHALL NOT BE USED IN THE CEILING GRID SYSTEM.

E. CEILING SUSPENSION SYSTEM TO MEET SEISMIC REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE CURRENT EDITION.

F. LOCATE ALL TRACK & RECESSED FIXTURES AT THE CENTERLINE OF TILE UNLESS NOTED OTHERWISE. INSTALL ALL ELECTRICAL SYSTEM COMPONENTS WITHOUT INTERFERING WITH DUCTS, PIPES, BEAMS, ETC. LOCATE LIGHT FIXTURES SYMMETRICALLY, AS DIMENSIONED, OR AS INDICATED ON THE REFLECTED CEILING PLANS. IN THE EVENT OF CONFLICT, THE ARCHITECT WILL DECIDE WHICH ITEM TO RELOCATE WITHOUT REGARD TO WHICH WAS INSTALLED FIRST.

G. COORDINATE ALL EXPOSED CEILING WORK WITH ALL TRADES, AND PROVIDE SKETCH (FOR PRE-INSTALLATION MEETING) OF ALL CONDUIT RUNS, JUNCTION BOXES, DUCTWORK AND SUPPORTS, PLUMBING (OVERHEAD) AND FIRE PROTECTION PIPING, IN EXPOSED CEILING AREAS. CONTRACTOR SHALL SCHEDULE A PRE-INSTALLATION COORDINATION MEETING WITH ALL TRADES REPRESENTED, INCLUDING ARCHITECT, WHERE FINAL APPROVAL FOR ALL ROUTING WILL BE GRANTED. ALL EQUIPMENT, PIPING OR ACCESSORIES INSTALLED IN THESE AREAS SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.

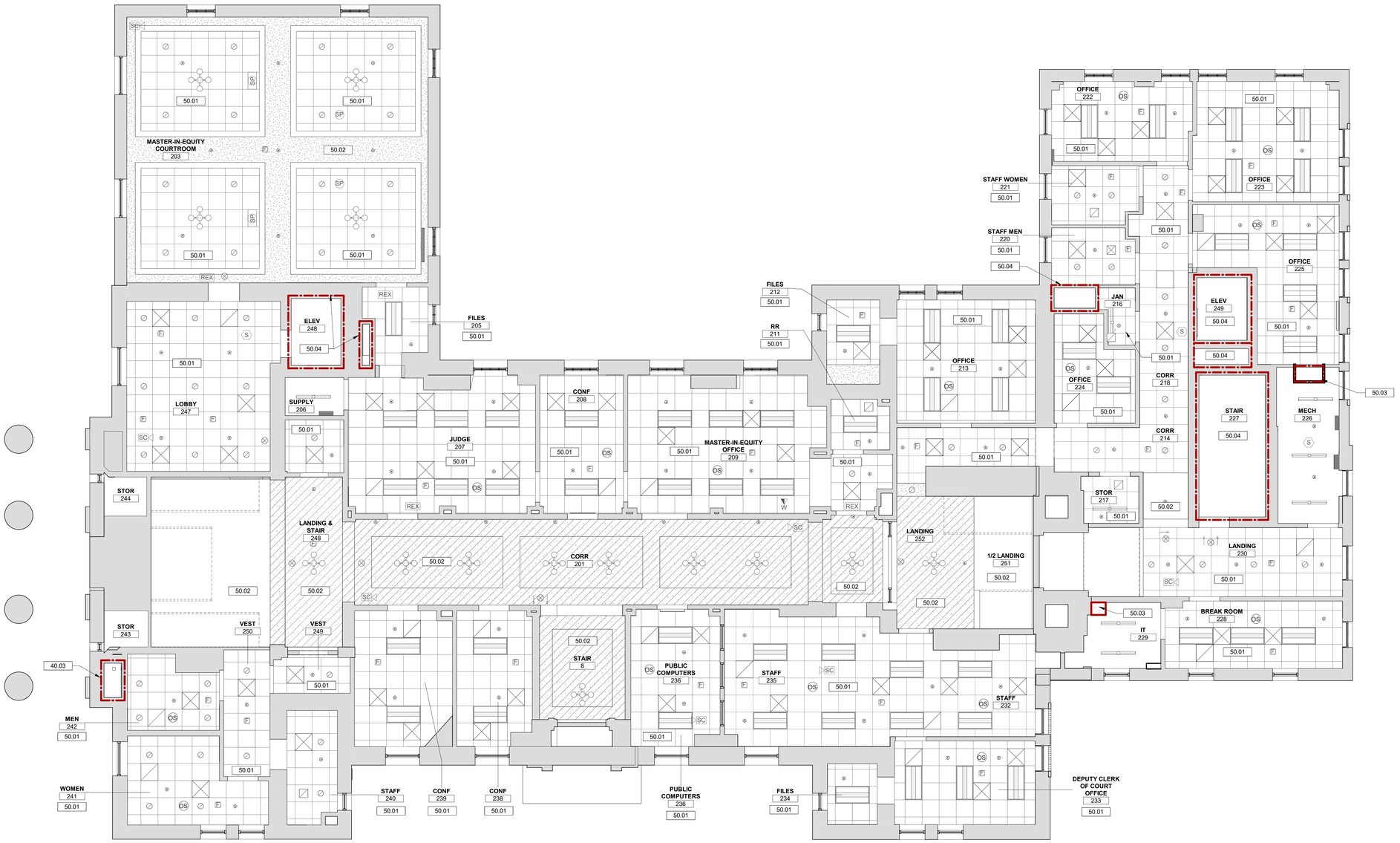
H. THE CONTRACT DRAWINGS WERE PREPARED BASED ON EXISTING DRAWINGS, SITE SURVEY, AND OTHER DOCUMENTS AND INFORMATION PROVIDED TO THE ARCHITECT BY YORK COUNTY. ACTUAL FIELD CONDITIONS MAY VARY FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS AND COORDINATING ANY VARIANCES WITH THE OWNER AND ARCHITECT.

I. ALL GYPSUM CEILINGS DISTURBED BY CONSTRUCTION SHALL BE PATCHED, REPAIRED, AND PAINTED. PAINT ENTIRE AFFECTED CEILING EDGE TO EDGE TO MATCH EXISTING ADJACENT FINISHES.

J. ALL EXISTING PLASTER WALLS AND CEILINGS ARE CONSIDERED PART OF THE HISTORIC CHARACTER OF THE BUILDING AND SHALL BE PROTECTED DURING CONSTRUCTION. DISTURBANCE OR REMOVAL OF EXISTING PLASTER SHALL BE MINIMIZED. ANY PLASTER DISTURBED BY CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING HISTORIC MATERIALS, TEXTURE, AND FINISH TO THE GREATEST EXTENT POSSIBLE.

K. INSTALL NEW CEILINGS TO MATCH THE EXISTING CEILING LOCATIONS AND HEIGHTS. REFER TO THE DEMOLITION REFLECTED CEILING PLANS AND FIELD VERIFY ALL EXISTING CEILING HEIGHTS PRIOR TO INSTALLATION. IF DISCREPANCIES OR CONFLICTS ARE IDENTIFIED, NOTIFY THE ARCHITECT AND ENGINEER AND COORDINATE RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.

L. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BE CLEANED AND REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED, INCLUDING ACOUSTICAL CEILING TILES. ALL EXISTING DUCTWORK SCHEDULED TO REMAIN SHALL BE THOROUGHLY CLEANED PRIOR TO PROJECT COMPLETION, REGARDLESS OF WHETHER VISIBLE MOLD IS PRESENT. REPAIR OR REPLACE AFFECTED GYPSUM BOARD, PLASTER, FLOORING, TRIM, AND OTHER FINISHES AS REQUIRED TO MATCH ADJACENT EXISTING CONSTRUCTION. PROVIDE ATTIC STOCK MATERIALS WHERE AVAILABLE. ALL REPAIRED AREAS SHALL BE PATCHED, FINISHED, AND PAINTED TO MATCH ADJACENT SURFACES. SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH SHALL BE REPORTED TO THE OWNER AND ARCHITECT IMMEDIATELY AND SHALL BE ADDRESSED IN ACCORDANCE WITH PROJECT HAZARDOUS MATERIAL REQUIREMENTS.



2 A212 RCP - 2ND FLOOR
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE) 0" 1" 2" 3" 4"

STATE OF SOUTH CAROLINA — DP3 ARCHITECTS LTD. — GREENVILLE, SC B - 84017 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — MICHAEL THOMAS WEST — GREENVILLE, SC 04570 — REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218

CONSULTANT

PROJECT INFORMATION:

York County South Carolina

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
2ND FLOOR REFLECTED CEILING PLAN

DRAWING NO.
A212

Drawn By: LMG Checked By: MTP

REFLECTED CEILING PLAN LEGEND

- EXISTING ACT CEILING TO BE REMOVED
- EXISTING STUCCO CEILING TO REMAIN
- EXISTING DRYWALL CEILING TO REMAIN
- EXISTING 1-HOUR RATED WALL TO REMAIN
- NEW HVAC CEILING UNIT
- EXISTING HVAC CEILING UNIT TO BE REMOVED
- TROFFER LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO BE REMOVED
- CAN LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- RETURN DIFFUSER TO BE REMOVED
- SUPPLY DIFFUSER TO BE REMOVED
- EXIT SIGN TO REMAIN
- FIRE SPRINKLER TO REMAIN
- CAMERA TO REMAIN
- SPEAKER TO REMAIN
- SMOKE DETECTOR TO REMAIN
- OCCUPANCY SENSOR TO REMAIN
- FIRE ALARM TO REMAIN
- NEW RETURN DIFFUSER
- NEW SUPPLY DIFFUSER

DRAWING NOTES

50.01 INSTALL NEW CEILING GRID AND NEW ACOUSTIC CEILING TILE. REFER TO MECHANICAL DRAWINGS FOR NEW HVAC LOCATIONS. ALL EXISTING LIGHTS AND OTHER MISCELLANEOUS DEVICES TO BE CLEANED AND LEFT IN A LIKE NEW CONDITION.

50.02 EXISTING DRYWALL OR PLASTER CEILINGS, INCLUDING PLASTER FINISHES AT THE UNDERSIDE OF STAIRS, SHALL REMAIN. EXISTING ELECTRICAL AND MECHANICAL DEVICES SHALL REMAIN UNLESS NOTED OTHERWISE.

50.03 NEW 1-HOUR FIRE-RESISTANCE-RATED SHAFT ENCLOSURE AND SHAFT SOFFIT. CONSTRUCT VERTICAL SHAFT WALLS IN ACCORDANCE WITH UL DESIGN U415 AND HORIZONTAL SHAFT SOFFITS IN ACCORDANCE WITH UL DESIGN I504. PROVIDE RATED SOFFITS ABOVE ACOUSTICAL CEILING TILE AND GRID WHERE APPLICABLE. SOFFITS SHALL MAINTAIN A CONTINUOUS FIRE-RATED SHAFT ENCLOSURE.

50.04 RECONSTRUCT SHAFT ENCLOSURES AS REQUIRED TO PROVIDE A MINIMUM 1-HOUR FIRE-RESISTANCE RATING, EXCEPT AT EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, WHICH SHALL REMAIN UNMODIFIED. REINSTALL EXISTING BASES WHERE REMOVED. PROVIDE APPROVED FIRESTOPPING AT ALL NEW PENETRATIONS AND SEAL ALL ABANDONED OPENINGS AND EXISTING THROUGH-WALL PENETRATIONS AS REQUIRED TO MAINTAIN THE REQUIRED FIRE-RESISTANCE RATING OF THE SHAFT ENCLOSURE. COORDINATE ALL WORK WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT ASSEMBLIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE OR NEW PENETRATIONS SHALL BE REPAIRED AND FIRESTOPPED AS REQUIRED TO MAINTAIN THE EXISTING FIRE-RESISTANCE RATING.

50.05 EXISTING OPEN CEILING TO REMAIN. PROVIDE NEW SUPPLY DIFFUSERS AND RETURN GRILLES. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS AND TYPES. EXISTING LIGHT FIXTURES SHALL REMAIN UNLESS NOTED OTHERWISE. REFER TO ELECTRICAL DRAWINGS. EXISTING EXIT SIGNS, FIRE ALARM DEVICES, SMOKE DETECTORS, AND SPRINKLER HEADS SHALL REMAIN AND BE REINSTALLED OR ADJUSTED AS REQUIRED TO ACCOMMODATE THE NEW MECHANICAL WORK.

REFLECTED CEILING PLAN NOTES

A. COORDINATE ALL LIGHTING TYPES WITH ELECTRICAL DRAWINGS.

B. REFER TO ELECTRICAL DRAWINGS FOR ALL CEILING MOUNTED EXIT LIGHTS, SMOKE DETECTORS, SPEAKERS, FIRE ALARM DEVICES, ETC. FOR ITEMS NOT INDICATED ON THE REFLECTED CEILING PLAN, COORDINATE LOCATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION.

C. COORDINATE ALL HVAC MECHANICAL DEVICES WITH MECHANICAL DRAWINGS.

D. IF AS-BUILT CONDITIONS DEMAND THAT A CEILING BOARD LARGER THAN 2'-0" IN ANY DIMENSION BE USED IN THE PERIMETER BOARDS OF A TYPICAL 2'X2' GRID, THEN THAT BOARD SHALL BE CUT FROM A 2'X4' BOARD. A DOUBLE WALL ANGLE SHALL NOT BE USED IN THE CEILING GRID SYSTEM.

E. CEILING SUSPENSION SYSTEM TO MEET SEISMIC REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE CURRENT EDITION.

F. LOCATE ALL TRACK & RECESSED FIXTURES AT THE CENTERLINE OF TILE UNLESS NOTED OTHERWISE. INSTALL ALL ELECTRICAL SYSTEM COMPONENTS WITHOUT INTERFERING WITH DUCTS, PIPES, BEAMS, ETC. LOCATE LIGHT FIXTURES SYMMETRICALLY, AS DIMENSIONED, OR AS INDICATED ON THE REFLECTED CEILING PLANS. IN THE EVENT OF CONFLICT, THE ARCHITECT WILL DECIDE WHICH ITEM TO RELOCATE WITHOUT REGARD TO WHICH WAS INSTALLED FIRST.

G. COORDINATE ALL EXPOSED CEILING WORK WITH ALL TRADES, AND PROVIDE SKETCH (FOR PRE-INSTALLATION MEETING) OF ALL CONDUIT RUNS, JUNCTION BOXES, DUCTWORK AND SUPPORTS, PLUMBING (OVERHEAD) AND FIRE PROTECTION PIPING, IN EXPOSED CEILING AREAS. CONTRACTOR SHALL SCHEDULE A PRE-INSTALLATION COORDINATION MEETING WITH ALL TRADES REPRESENTED, INCLUDING ARCHITECT, WHERE FINAL APPROVAL FOR ALL ROUTING WILL BE GRANTED. ALL EQUIPMENT, PIPING OR ACCESSORIES INSTALLED IN THESE AREAS SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.

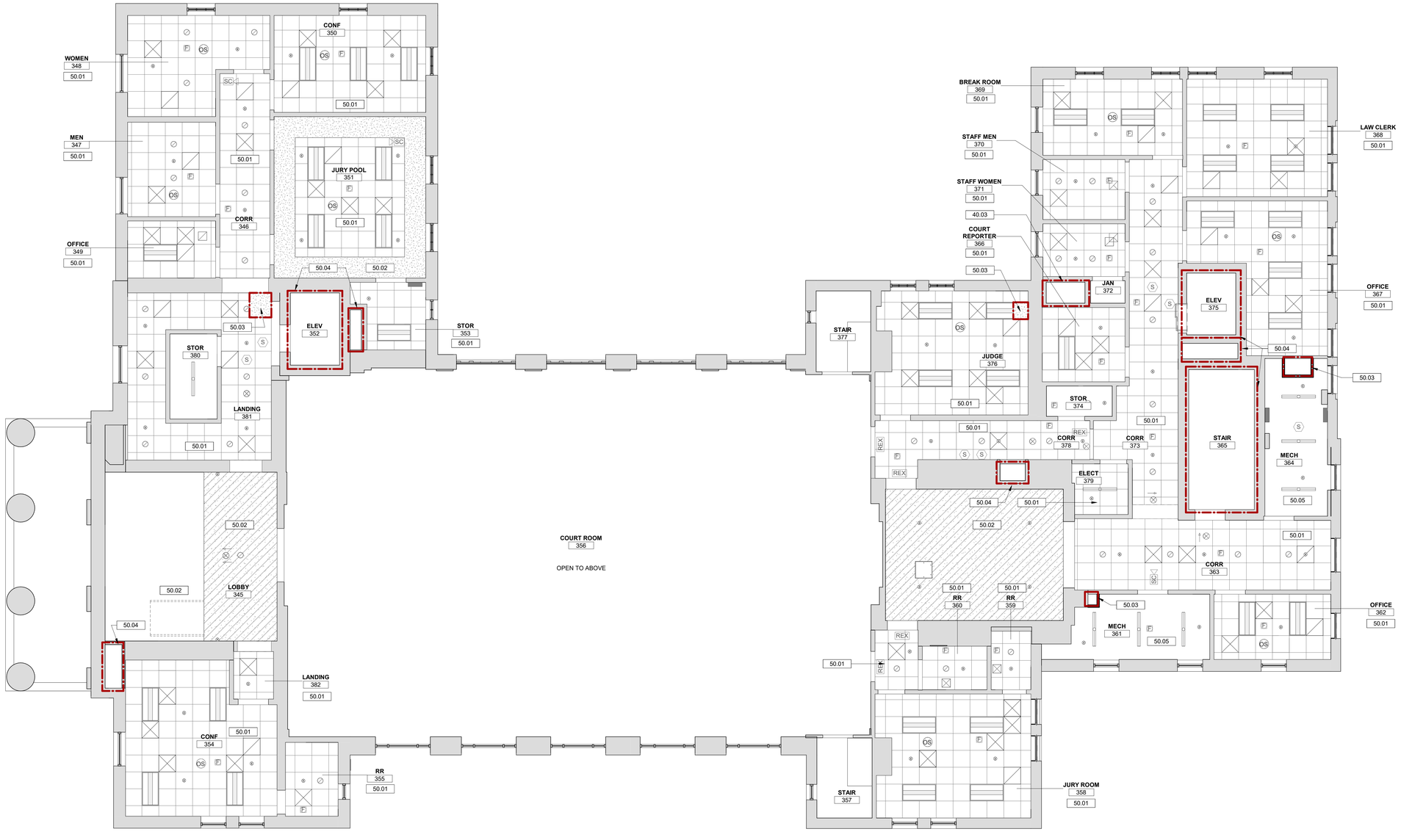
H. THE CONTRACT DRAWINGS WERE PREPARED BASED ON EXISTING DRAWINGS, SITE SURVEY, AND OTHER DOCUMENTS AND INFORMATION PROVIDED TO THE ARCHITECT BY YORK COUNTY. ACTUAL FIELD CONDITIONS MAY VARY FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS AND COORDINATING ANY VARIANCES WITH THE OWNER AND ARCHITECT.

I. ALL GYPSUM CEILINGS DISTURBED BY CONSTRUCTION SHALL BE PATCHED, REPAIRED, AND PAINTED. PAINT ENTIRE AFFECTED CEILING EDGE TO EDGE TO MATCH EXISTING ADJACENT FINISHES.

J. ALL EXISTING PLASTER WALLS AND CEILINGS ARE CONSIDERED PART OF THE HISTORIC CHARACTER OF THE BUILDING AND SHALL BE PROTECTED DURING CONSTRUCTION. DISTURBANCE OR REMOVAL OF EXISTING PLASTER SHALL BE MINIMIZED. ANY PLASTER DISTURBED BY CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING HISTORIC MATERIALS, TEXTURE, AND FINISH TO THE GREATEST EXTENT POSSIBLE.

K. INSTALL NEW CEILINGS TO MATCH THE EXISTING CEILING LOCATIONS AND HEIGHTS. REFER TO THE DEMOLITION REFLECTED CEILING PLANS AND FIELD VERIFY ALL EXISTING CEILING HEIGHTS PRIOR TO INSTALLATION. IF DISCREPANCIES OR CONFLICTS ARE IDENTIFIED, NOTIFY THE ARCHITECT AND ENGINEER AND COORDINATE RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.

L. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BE CLEANED AND REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED, INCLUDING ACOUSTICAL CEILING TILES. ALL EXISTING DUCTWORK SCHEDULED TO REMAIN SHALL BE THOROUGHLY CLEANED PRIOR TO PROJECT COMPLETION, REGARDLESS OF WHETHER VISIBLE MOLD IS PRESENT. REPAIR OR REPLACE AFFECTED GYPSUM BOARD, PLASTER, FLOORING, TRIM, AND OTHER FINISHES AS REQUIRED TO MATCH ADJACENT EXISTING CONSTRUCTION. PROVIDE ATTIC STOCK MATERIALS WHERE AVAILABLE. ALL REPAIRED AREAS SHALL BE PATCHED, FINISHED, AND PAINTED TO MATCH ADJACENT SURFACES. SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH SHALL BE REPORTED TO THE OWNER AND ARCHITECT IMMEDIATELY AND SHALL BE ADDRESSED IN ACCORDANCE WITH PROJECT HAZARDOUS MATERIAL REQUIREMENTS.



1 A213 RCP - 3RD FLOOR
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE) 0" 1" 2" 3" 4"

STATE OF SOUTH CAROLINA — DP3 ARCHITECTS LTD. — GREENVILLE, SC — B - 84017 — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — MICHAEL THOMAS WEST — GREENVILLE, SC — 04570 — REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
3RD FLOOR REFLECTED CEILING PLAN

DRAWING NO.
A213

Drawn By: LMG Checked By: MTP

REFLECTED CEILING PLAN LEGEND

- EXISTING ACT CEILING TO BE REMOVED
- EXISTING STUCCO CEILING TO REMAIN
- EXISTING DRYWALL CEILING TO REMAIN
- EXISTING 1-HOUR RATED WALL TO REMAIN
- NEW HVAC CEILING UNIT
- EXISTING HVAC CEILING UNIT TO BE REMOVED
- TROFFER LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO REMAIN
- STRIP LIGHT FIXTURE TO BE REMOVED
- CAN LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE TO REMAIN
- RETURN DIFFUSER TO BE REMOVED
- SUPPLY DIFFUSER TO BE REMOVED
- EXIT SIGN TO REMAIN
- FIRE SPRINKLER TO REMAIN
- CAMERA TO REMAIN
- SPEAKER TO REMAIN
- SMOKE DETECTOR TO REMAIN
- OCCUPANCY SENSOR TO REMAIN
- FIRE ALARM TO REMAIN
- NEW RETURN DIFFUSER
- NEW SUPPLY DIFFUSER

DRAWING NOTES

50.01 INSTALL NEW CEILING GRID AND NEW ACOUSTIC CEILING TILE. REFER TO MECHANICAL DRAWINGS FOR NEW HVAC LOCATIONS. ALL EXISTING LIGHTS AND OTHER MISCELLANEOUS DEVICES TO BE CLEANED AND LEFT IN A LIKE NEW CONDITION.

50.02 EXISTING DRYWALL OR PLASTER CEILINGS, INCLUDING PLASTER FINISHES AT THE UNDERSIDE OF STAIRS, SHALL REMAIN. EXISTING ELECTRICAL AND MECHANICAL DEVICES SHALL REMAIN UNLESS NOTED OTHERWISE.

50.04 RECONSTRUCT SHAFT ENCLOSURES AS REQUIRED TO PROVIDE A MINIMUM 1-HOUR FIRE-RESISTANCE RATING, EXCEPT AT EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS, WHICH SHALL REMAIN UNMODIFIED. REINSTALL EXISTING BASES WHERE REMOVED. PROVIDE APPROVED FIRESTOPPING AT ALL NEW PENETRATIONS AND SEAL ALL ABANDONED OPENINGS AND EXISTING THROUGH-WALL PENETRATIONS AS REQUIRED TO MAINTAIN THE REQUIRED FIRE-RESISTANCE RATING OF THE SHAFT ENCLOSURE. COORDINATE ALL WORK WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. EXISTING STAIR, ELEVATOR, AND DUMBWAITER SHAFTS SHALL REMAIN. PROTECT ALL RATED SHAFT ASSEMBLIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE OR NEW PENETRATIONS SHALL BE REPAIRED AND FIRESTOPPED AS REQUIRED TO MAINTAIN THE EXISTING FIRE-RESISTANCE RATING.

90.04 EXISTING OPEN CEILING. ALL DIFFUSERS AND RETURNS TO BE REMOVED AND REPLACED WITH NEW, REFER TO MECHANICAL DRAWINGS. ALL LIGHTS TO REMAIN UNLESS NOTED OTHERWISE, REFER TO ELECTRICAL DRAWINGS. LIGHTS AND OTHER MISCELLANEOUS DEVICES SHALL BE TEMPORARILY HUNG FROM THE STRUCTURE ABOVE AND PROTECTED DURING DEMOLITION. ALL EXIT SIGNS, SMOKE AND FIRE DETECTORS, AND SPRINKLERS TO REMAIN AND BE PROTECTED DURING DEMOLITION.

REFLECTED CEILING PLAN NOTES

A. COORDINATE ALL LIGHTING TYPES WITH ELECTRICAL DRAWINGS.

B. REFER TO ELECTRICAL DRAWINGS FOR ALL CEILING MOUNTED EXIT LIGHTS, SMOKE DETECTORS, SPEAKERS, FIRE ALARM DEVICES, ETC. FOR ITEMS NOT INDICATED ON THE REFLECTED CEILING PLAN, COORDINATE LOCATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION.

C. COORDINATE ALL HVAC MECHANICAL DEVICES WITH MECHANICAL DRAWINGS.

D. IF AS-BUILT CONDITIONS DEMAND THAT A CEILING BOARD LARGER THAN 2'-0" IN ANY DIMENSION BE USED IN THE PERIMETER BOARDS OF A TYPICAL 2'X2' GRID, THEN THAT BOARD SHALL BE CUT FROM A 2'X4' BOARD. A DOUBLE WALL ANGLE SHALL NOT BE USED IN THE CEILING GRID SYSTEM.

E. CEILING SUSPENSION SYSTEM TO MEET SEISMIC REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE CURRENT EDITION.

F. LOCATE ALL TRACK & RECESSED FIXTURES AT THE CENTERLINE OF TILE UNLESS NOTED OTHERWISE. INSTALL ALL ELECTRICAL SYSTEM COMPONENTS WITHOUT INTERFERING WITH DUCTS, PIPES, BEAMS, ETC. LOCATE LIGHT FIXTURES SYMMETRICALLY, AS DIMENSIONED, OR AS INDICATED ON THE REFLECTED CEILING PLANS. IN THE EVENT OF CONFLICT, THE ARCHITECT WILL DECIDE WHICH ITEM TO RELOCATE WITHOUT REGARD TO WHICH WAS INSTALLED FIRST.

G. COORDINATE ALL EXPOSED CEILING WORK WITH ALL TRADES, AND PROVIDE SKETCH (FOR PRE-INSTALLATION MEETING) OF ALL CONDUIT RUNS, JUNCTION BOXES, DUCTWORK AND SUPPORTS, PLUMBING (OVERHEAD) AND FIRE PROTECTION PIPING, IN EXPOSED CEILING AREAS. CONTRACTOR SHALL SCHEDULE A PRE-INSTALLATION COORDINATION MEETING WITH ALL TRADES REPRESENTED, INCLUDING ARCHITECT, WHERE FINAL APPROVAL FOR ALL ROUTING WILL BE GRANTED. ALL EQUIPMENT, PIPING OR ACCESSORIES INSTALLED IN THESE AREAS SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.

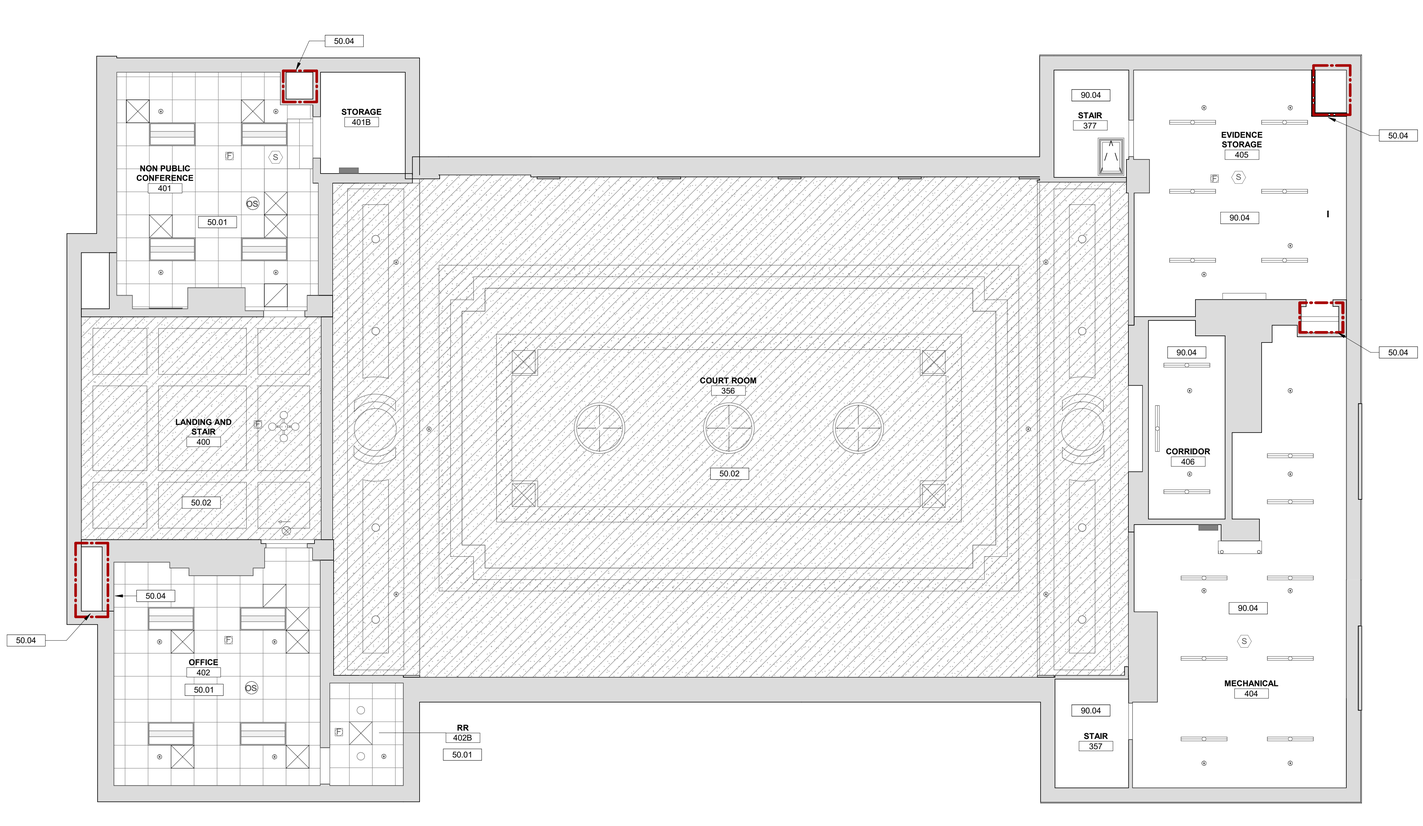
H. THE CONTRACT DRAWINGS WERE PREPARED BASED ON EXISTING DRAWINGS, SITE SURVEY, AND OTHER DOCUMENTS AND INFORMATION PROVIDED TO THE ARCHITECT BY YORK COUNTY. ACTUAL FIELD CONDITIONS MAY VARY FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS AND COORDINATING ANY VARIANCES WITH THE OWNER AND ARCHITECT.

I. ALL GYPSUM CEILINGS DISTURBED BY CONSTRUCTION SHALL BE PATCHED, REPAIRED, AND PAINTED. PAINT ENTIRE AFFECTED CEILING EDGE TO EDGE TO MATCH EXISTING ADJACENT FINISHES.

J. ALL EXISTING PLASTER WALLS AND CEILINGS ARE CONSIDERED PART OF THE HISTORIC CHARACTER OF THE BUILDING AND SHALL BE PROTECTED DURING CONSTRUCTION. DISTURBANCE OR REMOVAL OF EXISTING PLASTER SHALL BE MINIMIZED. ANY PLASTER DISTURBED BY CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING HISTORIC MATERIALS, TEXTURE, AND FINISH TO THE GREATEST EXTENT POSSIBLE.

K. INSTALL NEW CEILINGS TO MATCH THE EXISTING CEILING LOCATIONS AND HEIGHTS. REFER TO THE DEMOLITION REFLECTED CEILING PLANS AND FIELD VERIFY ALL EXISTING CEILING HEIGHTS PRIOR TO INSTALLATION. IF DISCREPANCIES OR CONFLICTS ARE IDENTIFIED, NOTIFY THE ARCHITECT AND ENGINEER AND COORDINATE RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.

L. MOLD DISCOVERED DURING DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BE CLEANED AND REMOVED FROM AFFECTED SURFACES. REPLACE POROUS MATERIALS THAT CANNOT BE ADEQUATELY CLEANED, INCLUDING ACOUSTICAL CEILING TILES. ALL EXISTING DUCTWORK SCHEDULED TO REMAIN SHALL BE THOROUGHLY CLEANED PRIOR TO PROJECT COMPLETION, REGARDLESS OF WHETHER VISIBLE MOLD IS PRESENT. REPAIR OR REPLACE AFFECTED GYPSUM BOARD, PLASTER, FLOORING, TRIM, AND OTHER FINISHES AS REQUIRED TO MATCH ADJACENT EXISTING CONSTRUCTION. PROVIDE ATTIC STOCK MATERIALS WHERE AVAILABLE. ALL REPAIRED AREAS SHALL BE PATCHED, FINISHED, AND PAINTED TO MATCH ADJACENT SURFACES. SUSPECTED HAZARDOUS MOLD CONDITIONS OR EXTENSIVE MOLD GROWTH SHALL BE REPORTED TO THE OWNER AND ARCHITECT IMMEDIATELY AND SHALL BE ADDRESSED IN ACCORDANCE WITH PROJECT HAZARDOUS MATERIAL REQUIREMENTS.



1 A214 RCP - 4TH FLOOR
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE) 0" 1" 2" 3" 4"

STATE OF SOUTH CAROLINA — DP3 ARCHITECTS LTD. — B - 84017 — GREENVILLE, SC — REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA — MICHAEL THOMAS WEST — 04570 — GREENVILLE, SC — REGISTERED ARCHITECT

1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

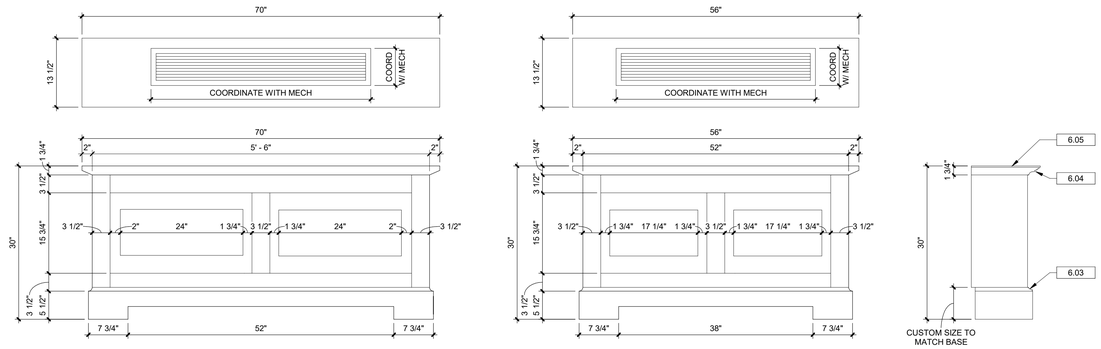
REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
4TH FLOOR REFLECTED CEILING PLAN

DRAWING NO.
A214

Drawn By: LMG Checked By: MTP



CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, CLEARANCES, AND EXISTING CONDITIONS PRIOR TO FABRICATION.

5 A300 HVAC UNIT CASEWORK ELEVATION AND PLAN DETAILS

1" = 1'-0"

DRAWING NOTES

5.01 NEW ROOFTOP UNIT SUPPORT BEAM. REFER TO STRUCTURAL DRAWINGS.

5.02 CUSTOM EXTRUDED ALUMINUM APPLIED MUNTIN BARS, MULLIONS, AND PERIMETER TRIM, FACTORY-INSTALLED TO THE LOUVER ASSEMBLY. FACTORY-PRIMED AND FIELD-PAINTED TO MATCH EXISTING EXTERIOR WINDOW FINISH. MATCH ADJACENT WINDOW PROFILES, DIMENSIONS, AND SIGHTLINES.

5.03 NEW ROOFTOP UNIT SUPPORT POST SHALL BE ATTACHED DIRECTLY TO EXISTING STRUCTURE. REFER TO CURB SECTION DETAIL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

5.04 EXISTING STRUCTURE. CONTRACTOR SHALL VERIFY EXISTING ROOF ASSEMBLY AND EXISTING STRUCTURE.

6.01 2x PRESSURE TREATED WOOD BLOCKING CUT TO SIZE.

6.02 NEW WOOD FRAME TO MATCH EXISTING HISTORIC WINDOW FRAMES IN PROFILE, DIMENSIONS, MATERIAL, AND DETAILING. PRIME AND PAINT TO MATCH EXISTING ADJACENT WINDOWS AND TRIM. VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION. PROVIDE CONTINUOUS BEAD OF SEALANT AT FULL PERIMETER OF FRAMES.

6.03 CUSTOM PROFILE TO MATCH ADJACENT EXISTING BASE MOULDING.

6.04 CUSTOM PROFILE TO MATCH EXISTING HVAC COVER CASEWORK.

6.05 PROVIDE FURNITURE-GRADE HARDWOOD CONSTRUCTION AND PREMIUM STAIN FINISH. MATCH EXISTING HISTORIC MILLWORK IN WOOD SPECIES, GRAIN CHARACTERISTICS, COLOR, AND SHEEN. SUBMIT WOOD AND FINISH SAMPLES TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.

6.21 1/2 INCH PRESSURE TREATED PLYWOOD.

7.08 4 INCH ROOF CANT. TYPICAL AT CURB PERIMETER.

7.37 ROOFING MEMBRANE, FLASHING, AND ADHESIVE. ENSURE COMPATIBILITY WITH THE EXISTING ROOFING SYSTEM.

7.39 EXTEND ROOF MEMBRANE UP AND OVER TOP OF BUILT UP CURB HOUSING. CONTRACTOR SHALL VERIFY EXISTING ROOF ASSEMBLY, ROOFING MATERIALS, AND WARRANTY REQUIREMENTS PRIOR TO INSTALLATION.

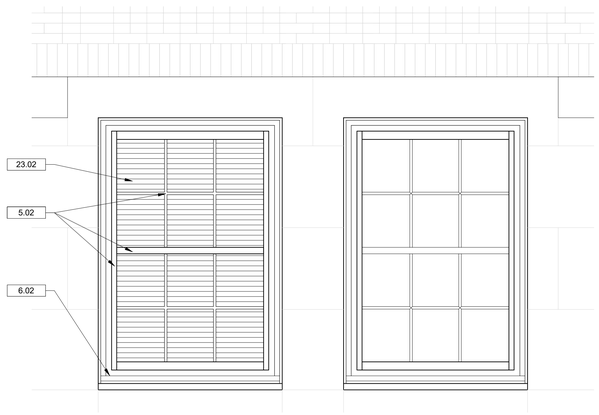
7.40 PREFINISHED METAL COPING.

7.43 METAL FLASHING.

7.62 GASKET SEALER AS SPECIFIED BY MECHANICAL EQUIPMENT MANUFACTURER.

23.02 NEW AIR INTAKE LOUVER. REFER TO MECHANICAL DRAWINGS. FINISH SHALL BE BLACK 2 COAT BAKED ENAMEL POLYESTER. SUBMIT COLOR SAMPLES TO BE APPROVED BY ARCHITECT. LOUVER BLADES SHALL BE RECESSED BEHIND THE APPLIED TRIM SYSTEM TO MINIMIZE VISIBILITY AND MAINTAIN THE APPEARANCE OF THE EXISTING HISTORIC WINDOW OPENINGS.

23.04 NEW MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT, CURB, AND SUPPORT REQUIREMENTS.



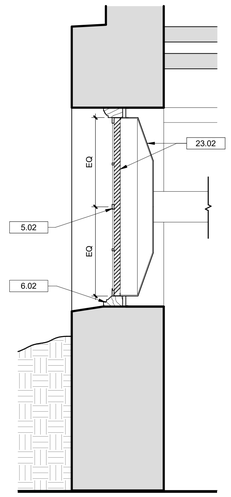
NEW LOUVER

EXISTING EXTERIOR WINDOW

RENDERING

1 A300 WINDOW AND LOUVER ELEVATION

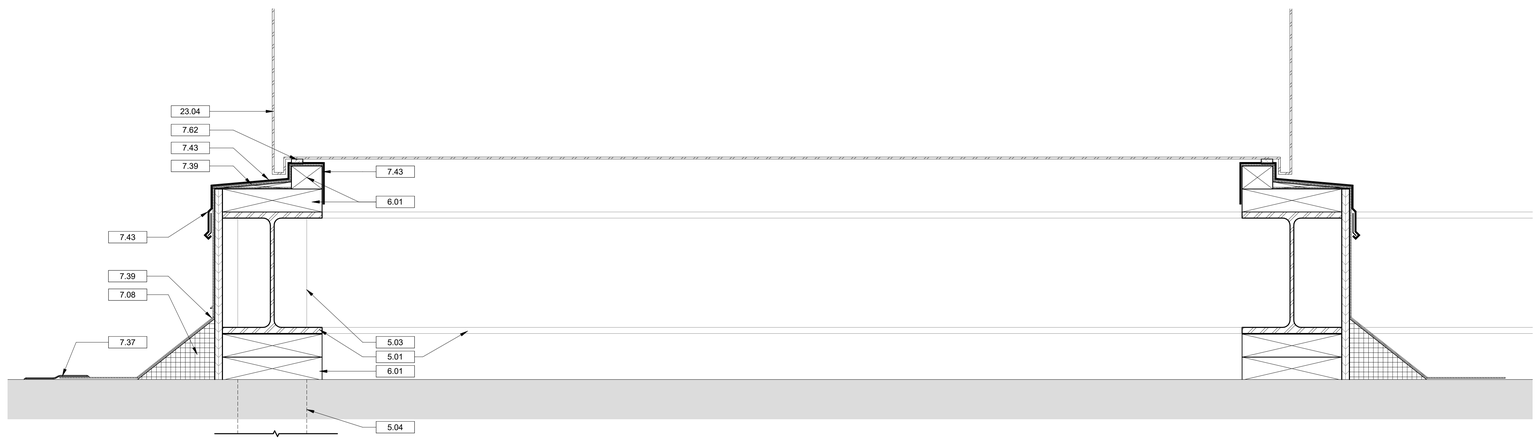
1" = 1'-0"



CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, CLEARANCES, AND EXISTING CONDITIONS PRIOR TO FABRICATION.

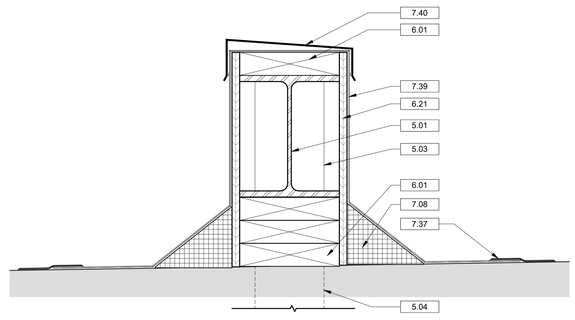
4 A300 LOUVER SECTION

3/4" = 1'-0"



6 A300 CURB DETAIL 3

3" = 1'-0"



3 A300 CURB DETAIL 2

3" = 1'-0"

DP3 ARCHITECTS LTD. GREENVILLE, SC B - 84017 REGISTERED ARCHITECT
MICHAEL THOMAS WEST GREENVILLE, SC 04570 REGISTERED ARCHITECT
1 JUL 2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

DP3 ARCHITECTS
DP3 Architects, Ltd.
15 South Main Street, Suite 400
Greenville, SC 29601
864.232.8200
www.DP3architects.com
Project No. 25218
CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 01 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ARCHITECTURAL DETAILS

DRAWING NO.
A300

Drawn By: LMG Checked By: MTP

(BAR GRAPHIC IS 4" AT FULL SCALE)

DESIGN INPUT

DEAD LOAD:

THE WEIGHT OF THE STRUCTURAL MEMBERS THEMSELVES AND ALL PERMANENT CONSTRUCTION INCLUDING WALLS, FLOORS, CEILINGS, ROOF CLADDING AND FIXED EQUIPMENT

LIVE LOAD

ROOF.....20 PSF

ROOF LIVE LOAD REDUCTION WAS IN ACCORDANCE WITH 2021 IBC SECTION 1607.14.2

RAIN LOAD

15-MINUTE RAIN INTENSITY.....6.48 IN/HR
60-MINUTE RAIN INTENSITY.....3.42 IN/HR

SNOW LOAD

GROUND SNOW LOAD (P_g).....10.0 PSF
MINIMUM UNIFORM ROOF SNOW LOAD (P_f).....10.0 PSF
BALANCED SNOW LOAD (P_s).....7.0 PSF
SNOW EXPOSURE FACTOR (C_e).....1.0
SNOW IMPORTANCE FACTOR (I_s).....1.0
THERMAL FACTOR (C_t).....1.0
SNOW DRIFT.....SEE DIAGRAM

WIND LOAD

ULTIMATE DESIGN WIND SPEED.....110 MPH
NOMINAL DESIGN WIND SPEED.....81 MPH
RISK CATEGORY.....II
WIND EXPOSURE.....B
INTERNAL PRESSURE COEFFICIENTS (GC_{pi}).....±0.18
COMPONENTS AND CLADDING WIND PRESSURES.....SEE TABLE

SEISMIC LOAD

SEISMIC IMPORTANCE FACTOR (I_e).....1.0
RISK CATEGORY.....II
S_S.....0.235
S_1.....0.088
SITE CLASS.....D
S_{DS}.....0.250
S_{D1}.....0.141
SEISMIC DESIGN CATEGORY.....C

DESIGN CRITERIA - CODES AND SPECIFICATIONS

1. INTERNATIONAL BUILDING CODE 2021 WITH SOUTH CAROLINA MODIFICATIONS
2. INTERNATIONAL EXISTING BUILDING CODE 2021
3. ACI318-19 - BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
4. ACI301-16 - SPECIFICATIONS FOR STRUCTURAL CONCRETE
5. AISC 360-16 - SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS
6. ASCE/SEI 7-16 - MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
7. AWC NDS-2018 - NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION
8. AWC SDPWS-2021 - SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC
9. AWS D1.4/D1.4M-2018 - STRUCTURAL WELDING CODE - STEEL REINFORCING BARS

GENERAL

1. ALL REFERENCES AND ASTM SPECIFICATIONS NOTED ON THESE DRAWINGS PERTAIN TO THE EDITIONS REFERENCED IN THE DESIGN BUILDING CODE.
2. THE STRUCTURAL DRAWINGS ARE NOT STAND ALONE DOCUMENTS. THEY SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
3. DRAWINGS SHALL NOT BE SCALED.
4. WHERE A SECTION OR DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY TO ALL LIKE AND SIMILAR CONDITIONS.
5. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO FABRICATION/CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY STRUCTURAL ENGINEER AND ARCHITECT BY THE RFI SYSTEM OF ANY DISCREPANCIES PRIOR TO FABRICATION/CONSTRUCTION, ALONG WITH A RECOMMENDED SOLUTION.
6. THE CONTRACTOR SHALL COORDINATE THE SIZES AND LOCATIONS OF ALL PENETRATIONS, SLEEVES, CURBS, SLAB DEPRESSIONS, ETC. WITH THE ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS.
7. THE CONTRACT STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE A METHOD OF CONSTRUCTION. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
8. THE CONTRACTOR SHALL PROVIDE ALL MEANS NECESSARY TO PROTECT WORKMEN AND OTHER PERSONS DURING CONSTRUCTION, SUCH MEASURES SHALL INCLUDE BUT ARE NOT LIMITED TO TEMPORARY BRACING, SHORING, FORMING, SCAFFOLDING, PLANKING, AND SAFETY NETS. ERECTION PROCEDURES SHALL CONFORM TO OSHA STANDARDS.
9. THE CONTRACTOR SHALL ENSURE THAT STRUCTURAL MEMBERS ARE NOT LOADED IN EXCESS OF DESIGN LIVE LOADS DURING CONSTRUCTION. STRUCTURAL MEMBERS HAVE NOT BEEN DESIGNED FOR EXCESS CONSTRUCTION LIVE LOADS. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT WHEN PLACED ON ROOF AND FLOOR FRAMING.
10. NO PROVISIONS HAVE BEEN MADE IN THE DESIGN FOR THE SUPPORT OF A CONCENTRATED LOAD FROM PLUMBING OR MECHANICAL SYSTEMS EXCEPT AS SHOWN ON THE STRUCTURAL DRAWINGS.
11. THE CONTRACTOR SHALL VERIFY THAT ALL MISCELLANEOUS FRAMING SHOWN ON THE DRAWING FOR MECHANICAL EQUIPMENT AND OTHER VENDOR ITEMS IS CONSISTENT WITH THE REQUIREMENTS OF SUCH ITEMS.
12. THE STRUCTURE HAS BEEN DESIGNED WITH THE LATEST MECHANICAL INFORMATION AVAILABLE AT THE TIME OF DESIGN. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONFIRM THAT WEIGHTS, DIMENSIONS, AND LOCATIONS OF PURCHASED MECHANICAL EQUIPMENT (INCLUDING ELEVATOR EQUIPMENT) MATCHES EXACTLY TO THE INFORMATION SHOWN HEREIN.

FOUNDATION

1. THE SHALLOW FOUNDATIONS WERE DESIGNED WITH AN ASSUMED MAXIMUM BEARING CAPACITY OF 2000 PSF. A GEOTECHNICAL ENGINEER SHALL VERIFY THAT SOILS OF THE DESIGN BEARING CAPACITY HAVE BEEN ENCOUNTERED PRIOR TO CONSTRUCTION
2. FOOTINGS SHALL BEAR A MINIMUM OF 12" BELOW ADJACENT FINISHED EXTERIOR GRADES.
3. FOUNDATION SIDES MY BE EARTH FORMED IF APPROVED BY THE GEOTECHNICAL ENGINEER.
4. SUBGRADE PREPARATION SHALL BE IN ACCORDANCE WITH THOSE MEASURES OUTLINES IN THE GEOTECHNICAL REPORT.
5. TOP OF FOOTING ELEVATIONS MAY BE LOWERED TO ACCOMMODATE PIPING. PIPING SHALL NOT PASS HORIZONTALLY OR VERTICALLY THROUGH FOOTINGS WITHOUT REVIEW BY THE STRUCTURAL ENGINEER OF RECORD. SEE TYPICAL DETAILS FOR PIPE PASSING UNDER FOOTING.
6. FOOTING SHALL BE CENTERED ON COLUMN LINES UNLESS NOTED OTHERWISE.

CONCRETE (CAST-IN-PLACE)

1. DESIGN OF CONCRETE IS BASED ON ACI 318. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 301.
2. CONCRETE MIXES SHALL BE NORMAL WEIGHT UON.
3. MAXIMUM SLUMP IN CONCRETE SHALL NOT EXCEED 7".
4. MIXES SHALL COMPLY WITH THE FOLLOWING SCHEDULE:

USE	MIN. 28-DAY STRENGTH (PSI)	MAX W/C RATIO	NOM. MAX AGG SIZE (IN.)	ACI EXP. CLASS	AIR CONTENT (± 1.5%)
SLAB-ON-GRADE (EXT.)	4500	0.45	1	F2	6%

5. CONCRETE MATERIALS SHALL CONFORM TO THE FOLLOWING:
   - PORTLAND CEMENT.....ASTM 150 TYPE I/II
   - NORMAL WEIGHT AGGREGATES.....ASTM C33
   - FLY ASH.....ASTM C618 CLASS F OR C
   - FLY ASH SHALL NOT EXCEED 25 PERCENT OF THE TOTAL CEMENT + FLY ASH
6. CONCRETE REINFORCING SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI 315 AND ACI 318. REINFORCING SHALL CONFORM AS FOLLOWS:
   - REINFORCING STEEL.....ASTM A615 GRADE 60
   - WELDED WIRE REINFORCING(WWR).....ASTM A185
7. ALL REINFORCEMENT SPLICES INCLUDING THOSE BARS NOTED AS CONTINUOUS SHALL BE CLASS B IN ACCORDANCE WITH ACI 318. SPLICES SHALL BE STAGGERED WHERE POSSIBLE.
8. UON, CONCRETE COVER OVER REINFORCEMENT SHALL BE AS FOLLOWS:
   - CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
     - SLABS & WALLS.....3/4"
     - BEAM STIRRUPS & COLUMN TIES.....1-1/2"
   - CONCRETE EXPOSED TO EARTH OR WEATHER:
     - #5 BARS OR SMALLER (INCLUDING WWR).....1-1/2"
     - #6 BARS OR LARGER.....2"
   - CONCRETE CAST DIRECTLY AGAINST EARTH.....3"
9. ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS AND OTHER INSERTS AND EMBEDS SHALL BE SECURED IN POSITION, INSPECTED AND APPROVED PRIOR TO PLACING CONCRETE. REINFORCEMENT IN SLABS AND SLAB ON GRADE SHALL BE PLACED ON CHAIRS SPACED AT 36" MAX IN EACH DIRECTION. DOWELS SHALL NOT BE INSERTED INTO FRESHLY PLACED CONCRETE.
10. REINFORCING BARS AND ACCESSORIES SHALL NOT BE IN CONTACT WITH ANY PIPE, PIPE FLANGE OR METAL PARTS EMBEDDED IN CONCRETE, A MINIMUM OF 2 INCHES CLEARANCE SHALL BE PROVIDED.
11. WATER FOR CONCRETE SHALL MEET ASTM C94 AND BE POTABLE.
12. CONCRETE MIX SHALL BE DESIGNED BY A QUALIFIED REGISTERED ENGINEER. STRENGTH TEST RESULTS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER WITH THE MIX DESIGN.
13. MIXING, TRANSPORTATION, AND PLACING OF CONCRETE SHALL CONFORM TO ACI301
14. DO NOT ADD WATER TO CONCRETE DURING DELIVERY OR PLACEMENT. ADD WATER TO CONCRETE AT THE JOBSITE ONLY AS NOTED ON THE DELIVERY TICKET.
15. ALL EXPOSED CONCRETE EDGES SHALL BE CHAMFERED 3/4".
16. COORDINATE WITH ARCHITECTURAL DOCUMENTS FOR WATERSTOP REQUIREMENTS.
17. CONCRETE REINFORCEMENT SHALL NOT BE WELDED UNLESS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.
18. SLAB ON GRADE SHALL BE PLACED ON A MINIMUM 10 MIL THICK VAPOR RETARDER MEETING ASTM E1745. PLACE IN ACCORDANCE WITH ASTM E1643. LAP JOINTS 6".
19. PROVIDE 4" MIN. SUBBASE LAYER OF COMPACTED GRADED AGGREGATE BENEATH THE VAPOR RETARDER.
20. FRESHLY PLACED CONCRETE SHALL BE PROTECTED FROM PREMATURE DRYING OR EXCESSIVE COLD OR HOT TEMPERATURES. CONTRACTOR TO COMPLY WITH ACI301, ACI305, ACI306, AND ACI306.1.
21. CONCRETE CURING SHALL BE IN ACCORDANCE WITH ACI 308.1 AND/OR THOSE METHODS SPECIFIED IN ACI301.
22. REINFORCING BAR SUPPORTS SHALL BE MANUFACTURED FROM PLASTIC OR PRECAST CONCRETE OF GREATER COMPRESSIVE STRENGTH THAN THE CONCRETE.
23. REFER TO ARCHITECTURAL DRAWINGS FOR CONCRETE FLOOR FINISHES.
24. CONTROL JOINTS (SAW CUT) IN THE SLAB ON GRADE SHALL BE PLACED AT A MAXIMUM SPACING OF 12'-0" IN EACH DIRECTION AND AT INTERMEDIATE LOCATIONS SHOWN ON THE FOUNDATION PLAN.

STRUCTURAL STEEL

1. THE DESIGN OF STRUCTURAL STEEL IS BASED ON THE METHOD PRESENTED IN AISC360 USING THE FOLLOWING MATERIALS:
   - WIDE FLANGE SECTIONS.....ASTM A992 FY50KSI
   - RECTANGULAR STRUCTURAL TUBING.....ASTM A500 GRB FY46KSI
   - CHANNELS AND ANGLES.....ASTM A36 FY36KSI
   - PLATES AND BAR.....ASTM A36 FY36KSI
2. STRUCTURAL STEEL SHALL BE NEW DOMESTIC STEEL WITH ALL DETAILING, FABRICATION, AND ERECTION IN ACCORDANCE WITH ALL PROVISIONS SPECIFIED BY AISC.
3. STRUCTURAL STEEL SHALL BE SHOP PAINTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
4. ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED.
5. THE DESIGN OF THE CONNECTIONS FOR ANY PORTION OF THE STRUCTURE NOT SHOWN ON THE DRAWINGS SHALL BE DESIGNED BY THE FABRICATOR AS FOLLOWS:
   - USE 3/4"Ø ASTM A325 (GROUP A) HIGH STRENGTH BOLTS IN SIMPLE SHEAR BEARING TYPE CONNECTIONS WHERE POSSIBLE.
   - SHOP CONNECTIONS SHALL BE WELDED OR BOLTED.
   - FIELD CONNECTIONS SHALL BE BOLTED WHERE POSSIBLE.
   - FOR BEAMS, PROVIDE THE MINIMUM NUMBER OF BOLTS REQUIRED TO DEVELOP TO BEAM SHEAR "V" AND THE MOMENT "M" (IF APPLICABLE) NOTED ON THE CONTRACT DRAWINGS. IF THE BEAM SHEAR IS NOT NOTED, THE CONNECTION SHALL DEVELOP THE BEAM SHEAR V = W/2 WHERE W IS THE MAXIMUM TOTAL UNIFORM LOAD ON A LATERALLY SUPPORTED SIMPLE SPAN AS SHOWN IN TABLES 3-6 THROUGH 3-9 IN THE AISC CONSTRUCTION MANUAL 15TH EDITION.
   - CONSTRUCTION DESIGN SHALL BE IN ACCORDANCE WITH AISC 360 AND RCSC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS".
6. CONNECTION COMPONENTS SHALL COMPLY WITH THE FOLLOWING:
   - HEAVY HEX TYPE 1 STEEL BOLTS .....ASTM A325
   - HEAVY HEX CARBON STEEL NUTS.....ASTM A563 GRADE C
   - HARDENED CARBON STEEL WASHERS.....ASTM F436
   - ALL WITH PLAIN FINISH
7. UNHEADED ANCHOR RODS SHALL COMPLY WITH ASTM F1554 GR 36 WITH STRAIGHT CONFIGURATION AND PLAIN FINISH.
8. THREADED RODS SHALL CONFORM TO ASTM A36 WITH A PLAIN FINISH.
9. ALL FIELD WELDING SHALL USE E70XX ELECTRODES.
10. ALL WELDING SHALL BE DONE BY QUALIFIED WELDERS AND CONFORM TO THE AMERICAN WELDING SOCIETY ANSI AWS D1.1.
11. THE MINIMUM WELD SIZE SHALL BE 3/16" U.N.O.
12. EXPOSED WELDED CONNECTIONS SHALL BE GROUND SMOOTH.
13. THE FABRICATOR SHALL PREPARE AND SUBMIT FOR REVIEW DRAWINGS SHOWING SHOP FABRICATION DETAILS, FIELD ASSEMBLY DETAILS AND ERECTION DIAGRAMS. FABRICATION SHALL NOT BEGIN UNTIL STEEL SHOP DRAWINGS HAVE BEEN COMPLETED AND REVIEWED BY THE ENGINEER OF RECORD.
14. INSTALL STRUCTURAL STEEL BEAMS WITH THE NATURAL CAMBER UP ACCURATELY IN LOCATIONS AND TO ELEVATIONS INDICATED IN ACCORDANCE WITH AISC 303 AND AISC 360.
15. STRUCTURAL STEEL SHALL NOT BE CUT IN THE FIELD FOR WORK OF OTHER TRADES WITHOUT PRIOR APPROVAL OF THE ENGINEER OF RECORD.
16. PACK NON SHRINK HIGH STRENGTH GROUT COMPLYING WITH ASTM C1107 (MIN 6000 PSI) UNDER ALL COLUMN BASE PLATES AFTER SETTING AND LEVELING AND BEFORE ADDING ANY LOAD. BASE PLATES SHALL BE LEVELED WITH NUTS.
17. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY GUYING AND BRACING REQUIRED TO ERECT AND HOLD THE STEEL FRAME IN PROPER ALIGNMENT UNTIL ALL STEEL DECK, DIAGONAL BRACING, WELDED CONNECTIONS, ETC. HAVE BEEN INSTALLED AND CONCRETE HAS DEVELOPED A STRENGTH OF 3000 PSI.

SHOP DRAWINGS

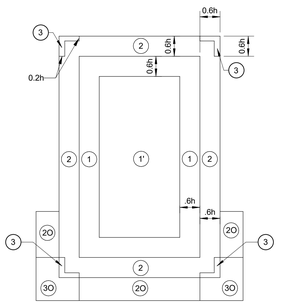
1. CERTIFIED SHOP DRAWINGS FOR ALL STRUCTURAL ELEMENTS SHOWN ON THE CONTRACT DOCUMENTS MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROJECT STATE, AND SUBMITTED BY THE CONTRACTOR FOR REVIEW BY THE ENGINEER. IF A CONTRACTOR OR OWNER FAILS TO SUBMIT THE SHOP DRAWINGS, DEVITA & ASSOCIATES, INC. WILL NOT BE RESPONSIBLE FOR THE STRUCTURAL CERTIFICATION AND DESIGN OF THE PROJECT. A REVIEWED COPY OF SHOP DRAWINGS SHALL BE KEPT AT SITE FOR REVIEW BY THE INSPECTOR.
2. SHOP DRAWING ARE REVIEWED BY THE ENGINEER AS A CONVENIENCE TO THE CONTRACTOR AND ARE NOT CONTRACT DOCUMENTS.
3. AT THE TIME OF SHOP DRAWING SUBMISSION, THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY DEVIATIONS OR OMISSIONS FROM THE CONTRACT DOCUMENTS.
4. THE CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTING TO THE ENGINEER, AND MAKE ALL REQUIRED CORRECTIONS AS DEEMED NECESSARY.
5. REPRODUCTION OF STRUCTURAL DRAWINGS FOR USE AS SHOP DRAWINGS SHALL NOT BE PERMITTED.
6. CONTRACTOR SHALL ALLOW A MINIMUM PERIOD OF TWO (2) WEEKS FOR THE REVIEW OF STRUCTURAL SHOP DRAWINGS.

DEFERRED SUBMITTALS

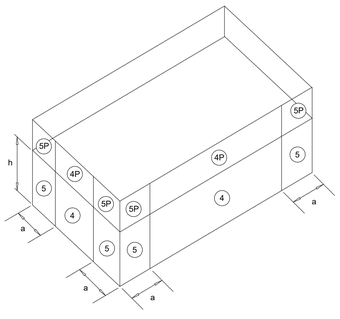
1. DEFERRED SUBMITTALS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING BUILDING COMPONENTS:
   - STRUCTURAL STEEL FRAMING CONNECTIONS
   - EXCAVATION SUPPORT AND PROTECTION
2. SHOP DRAWINGS AND CALCULATIONS FOR THESE COMPONENTS SHALL BE SUBMITTED TO THE ARCHITECT UNLESS OTHERWISE NOTED. DEFERRED SUBMITTALS SHALL BE SIGNED, SEALED, AND DATED BY THE DELEGATED COMPONENT STRUCTURAL ENGINEER REGISTERED IN PROJECT STATE. REFER TO OTHER SECTIONS OF THESE GENERAL NOTES FOR SPECIFIC REQUIREMENTS OF DEFERRED SUBMITTALS. REVIEW OF DEFERRED SUBMITTALS SHALL BE FOR GENERAL CONFORMANCE WITH THE CONTRACT DOCUMENTS AND SHALL NOT RELIEVE THE CONTRACTOR AND ITS ENGINEER OF THE FULL RESPONSIBILITY FOR DESIGN. DO NOT BEGIN FABRICATION UNTIL DEFERRED SUBMITTALS ARE APPROVED.
3. DEFERRED SUBMITTAL BUILDING COMPONENTS SHALL ACCOMMODATE ALLOWABLE BUILDING DEFLECTIONS AND DRIFT AS SET FORTH BY THE BUILDING CODE AND CONSTRUCTION TOLERANCES AND DEFINED BY THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" AND ACI "SPECIFICATION FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS".

SPECIAL INSPECTIONS

1. SPECIAL INSPECTIONS ARE REQUIRED PER 2021 INTERNATIONAL BUILDING CODE SECTION 1704.
2. THE OWNER SHALL EMPLOY THE SPECIAL INSPECTOR AND SUBMIT TO THE BUILDING OFFICIAL THE INDIVIDUALS OR AGENCIES RETAINED TO CONDUCT THE SPECIAL INSPECTIONS.
3. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE SPECIAL INSPECTOR WHEN INSPECTIONS ARE NEEDED. THE CONTRACTOR SHALL COORDINATE THE SCHEDULING AND TIMELY NOTIFICATION WITH THE SPECIAL INSPECTOR PRIOR TO STARTING CONSTRUCTION.
4. THE CONTRACTOR SHALL SUBMIT FABRICATOR'S CERTIFICATES OF COMPLIANCE FOR APPROVED FABRICATORS.
5. THE SPECIAL INSPECTOR SHALL INITIAL AND DATE THE "DATE COMPLETED" BOX IN THE SCHEDULE OF SPECIAL INSPECTION SERVICES AS THE INSPECTION AND TESTING ACTIVITIES ARE COMPLETED.
6. THE SPECIAL INSPECTOR SHALL REPORT ANY NONCONFORMING ITEMS TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION.
7. THE SPECIAL INSPECTOR SHALL SUBMIT REPORTS TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AND THE BUILDING OFFICIAL PER THE STATEMENT OF SPECIAL INSPECTIONS.
8. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING THAT ALL SPECIAL INSPECTIONS AND TESTING WERE FULFILLED AND REPORTED AND THAT ANY OUTSTANDING DESCREPANCIES HAVE BEEN CORRECTED. SPECIAL INSPECTIONS



ROOF PLAN (GENERIC BUILDING SHOWN)



WALLS (GENERIC BUILDING SHOWN)

BAR LAP AND SPLICE SCHEDULE

BAR SIZE	CONCRETE COMPRESSIVE STRENGTH			
	3000 PSI	4000 PSI	5000 PSI	6000 PSI
#3	22"	19"	17"	16"
#4	29"	25"	23"	21"
#5	36"	31"	28"	26"
#6	43"	37"	33"	31"
#7	63"	54"	49"	44"
#8	72"	62"	56"	51"
#9	81"	70"	63"	57"
#10	91"	79"	70"	64"

NOTES:
- LAP WELDED WIRE FABRIC THE WIRE SPACING PLUS 6" AT ENDS.
- ALL LAPS ARE ACI CLASS B UON.
- INCREASE SPLICE LENGTHS BY THE FOLLOWING IF:
  - A. LIGHTWEIGHT CONCRETE IS USED.....+35%
  - B. HORIZ. TOP BARS W/ GREATER THAN 12" OF CONCRETE BELOW.....+30%
  - C. BAR SPACING IS LESS THAN 2 BAR DIA.....+50%
  - D. EPOXY COATED BARS WHEN CLEAR COVER IS LESS THAN 3 BAR DIA. OR CLEAR SPACING IS LESS THAN 6 BAR DIA.....+50%
  - E. OTHER EPOXY COATED BARS.....+20%

COMPONENT & CLADDING DESIGN WIND PRESSURES (PSF)

ROOF

ZONE	10 SF	20 SF	50 SF	100 SF	200 SF	350 SF	500 SF	1000 SF
NEGATIVE 1	-39.1	-36.4	-33.0	-30.4	-27.9	-25.8	-24.5	-24.5
NEGATIVE 1'	-22.4	-22.4	-22.4	-22.4	-19.3	-16.7	-16.0	-16.0
NEGATIVE 2	-51.4	-48.1	-43.7	-40.4	-37.1	-34.5	-32.8	-32.8
NEGATIVE 3	-70.1	-63.5	-54.7	-48.1	-41.5	-36.2	-32.8	-32.8
POSITIVE 1 & 1'	+16.0	+16.0	+16.0	+16.0	+16.0	+16.0	+16.0	+16.0
POSITIVE 2 & 3	+16.0	+16.0	+16.0	+16.0	+16.0	+16.0	+16.0	+16.0
OVERHANG 1 & 1'	-35.2	-34.6	-33.8	-33.2	-27.8	-23.5	-20.7	-20.7
OVERHANG 2	-47.7	-43.3	-37.4	-33.0	-28.6	-25.1	-22.8	-22.8
OVERHANG 3	-66.3	-58.6	-48.4	-40.7	-33.0	-26.8	-22.8	-22.8

PARAPET

ZONE	10 SF	20 SF	50 SF	100 SF	200 SF	500 SF
POSITIVE 4P	+61.5	+57.5	+52.3	+48.3	+44.3	+39.0
POSITIVE 5P	+78.8	+71.8	+62.5	+55.4	+48.4	+39.0
NEGATIVE 4P	-36.3	-34.5	-32.1	-30.2	-28.4	-26.0
NEGATIVE 5P	-41.5	-38.8	-35.1	-32.4	-29.6	-26.0

WALL

ZONE	10 SF	100 SF	200 SF	500 SF
NEGATIVE 4	-24.3	-21.0	-20.0	-18.7
NEGATIVE 5	-29.9	-23.3	-21.3	-18.7
POSITIVE 4 & 5	+22.4	+19.1	+18.1	+16.8

NOTES:
1. TABLE PRESSURES ARE FOR THE SQUARE FOOT (SF) TRIBUTARY AREA SHOWN. FOR OTHER TRIBUTARY AREAS, LINEARLY INTERPOLATE BETWEEN VALUES SHOWN ABOVE.
2. POSITIVE PRESSURES ACT TOWARD THE BUILDING. NEGATIVE PRESSURES ACT AWAY FROM THE BUILDING.
3. SEE DIAGRAMS FOR LOCATION OF ZONES. a=5'-0"
4. PRESSURES SHOWN ARE ULTIMATE PRESSURES. MULTIPLY VALUES BY 0.6 FOR NOMINAL PRESSURES. h=49'-8"

2 S001 1. GABLE ROOFS/FLAT/HIP/GABLE, θ ≤ 7°
NOT TO SCALE

(BAR GRAPHIC IS 4" AT FULL SCALE)

DEVITA & ASSOCIATES, INC.
SOUTH CAROLINA
No. C00415
CERTIFICATE OF AUTHORIZATION

No. 27523
REGISTERED PROFESSIONAL ENGINEER
MARK L. HUFFSTETLER III
7-1-2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
GENERAL NOTES

DRAWING NO.
S001

Drawn By: SAG Checked By: MLH

SCHEDULE OF SPECIAL INSPECTIONS SERVICES

MATERIAL / ACTIVITY	SERVICE	Y/N	EXTENT	AGENT*	DATE COMPLETED
PROJECT					
1705.2.1 Structural Steel Construction					
1. Fabricator and erector documents (Verify reports and certificates as listed in AISC 360, Section N 3.2 for compliance with construction documents)	Submittal Review	Y	Each submittal		
2. Material verification of structural steel	Shop (3) and field inspection	Y	Periodic		
3. Structural steel welding:					
a. Inspection tasks Prior to Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-1)	Shop (3) and field inspection	Y	Observe or Perform as noted (4)		
b. Inspection tasks During Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-2)	Shop (3) and field inspection	Y	Observe (4)		
c. Inspection tasks After Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-3)	Shop (3) and field inspection	Y	Observe or Perform as noted (4)		
d. Nondestructive testing (NDT) of welded joints:					
1) Complete penetration groove welds 5/16" or greater in *risk category* III or IV	Shop (3) or field ultrasonic testing - 100%	N	Periodic		
2) Complete penetration groove welds 5/16" or greater in *risk category* II	Shop (3) or field ultrasonic testing - 10% of welds minimum	N	Periodic		
3) Welded joints subject to fatigue when required by AISC 360, Appendix 3, Table A-3.1	Shop (3) or field radiographic or Ultrasonic testing	N	Periodic		
4) Fabricator's NDT reports when fabricator performs NDT	Verify reports	N	Each submittal (5)		
4. Structural steel bolting:	Shop (3) and field inspection				
a. Inspection tasks Prior to Bolting (Observe, or perform tasks for each bolted connection, in accordance with QA tasks listed in AISC 360, Table N5.6-1)		Y	Observe or Perform as noted (4)		
b. Inspection tasks During Bolting (Observe the QA tasks listed in AISC 360, Table N5.6-2)		Y	Observe (4)		
1) Pre-tensioned and slip-critical joints					
a) Turn-of-nut with matching markings		Y	Periodic		
b) Direct tension indicator		Y	Periodic		
c) Twist-off type tension control bolt		Y	Periodic		
d) Turn-of-nut without matching markings		Y	Continuous		
e) Calibrated wrench		Y	Continuous		
2) Snug-tight joints		Y	Periodic		
c. Inspection tasks After Bolting (Perform tasks for each bolted connection in accordance with QA tasks listed in AISC 360, Table N5.6-3)		Y	Perform (4)		
5. Visual inspection of exposed cut surfaces of galvanized structural steel main members and exposed corners of the rectangular HSS for cracks subsequent to galvanizing	Shop (3) or field inspection	N	Periodic		
6. Embedments (Verify diameter, grade, type, length, embedment. See 1705.3 for anchors)	Field inspection	N	Periodic		
7. Verify member locations, braces, stiffeners, and application of joint details at each connection comply with construction documents	Field inspection	Y	Periodic		

SCHEDULE OF SPECIAL INSPECTIONS SERVICES

MATERIAL / ACTIVITY	SERVICE	Y/N	EXTENT	AGENT*	DATE COMPLETED
PROJECT					
1705.3 Concrete Construction					
1. Inspect reinforcement, including prestressing tendons, and verify placement.	Shop (3) and field inspection	Y	Periodic		
2. Reinforcing bar welding:					
a. Verification of weldability of bars other than ASTM A706.		N	Periodic		
b. Inspection of single-pass fillet welds 5/16 or less in size.		N	Periodic		
c. Inspection of all other welds.		N	Continuous		
3. Inspection of anchors cast in concrete.	Shop (3) and field inspection	Y	Periodic		
4. Inspection of anchors post-installed in hardened concrete members per research reports, or, if no specific requirements are provided, requirements shall be provided by the registered design professional and approved by the building official, including verification of anchor type, anchor dimensions, hole dimensions, hole cleaning procedures, anchor spacing, edge distances, concrete minimum thickness, anchor embedment and tightening torque.	Field inspection	Y	Periodic or as required by the research report issued by an approved source		
a. Adhesive anchors installed in horizontal or upward-inclined orientation that resist sustained tension loads.		N	Continuous		
b. Mechanical and adhesive anchors note defined in 4a.		N	Periodic		
5. Verify use of approved design mix	Shop (3) and field inspection	Y	Periodic		
6. a. Prior to placement, fabricate specimens for strength tests, fresh concrete sampling, perform slump or slump flow, and air content density tests, and determine temperature of concrete.	Shop (3) and field inspection	Y	Continuous		
6. b. Verify that concrete specimens for strength tests are maintained in the required initial curing and laboratory curing environment, and that the maximum and minimum temperatures during the initial curing period are reported.	Shop (3) and field inspection	Y	Continuous		
7. Inspection of concrete and shotcrete placement for proper application techniques	Shop (3) and field inspection	Y	Continuous		
8. Verify maintenance of specified curing temperature and techniques	Shop (3) and field inspection	Y	Periodic		
9. Inspection of prestressed concrete:	Shop (3) and field inspection				
a. Application of prestressing force		N	Continuous		
b. Grouting of bonded prestressing tendons		N	Continuous		
10. Inspect erection of precast concrete members		N	Periodic		
11. Verification of in-situ concrete strength, prior to stressing of tendons in post tensioned concrete and prior to removal of shores and forms from beams and structural slabs	Review field testing and laboratory reports	N	Periodic		
12. Inspection of formwork for shape, lines, location and dimensions	Field inspection	N	Periodic		
13. Concrete strength testing and verification of compliance with construction documents	Field testing and review of laboratory reports	N	Periodic		

SCHEDULE OF SPECIAL INSPECTIONS SERVICES

MATERIAL / ACTIVITY	SERVICE	Y/N	EXTENT	AGENT*	DATE COMPLETED
PROJECT					
1705.6 Soils					
1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.	Field inspection	Y	Periodic		
2. Verify excavations are extended to proper depth and have reached proper material.	Field inspection	Y	Periodic		
3. Perform classification and testing of compacted fill materials.	Field inspection	Y	Periodic		
4. Verify use of proper materials, densities, and lift thicknesses during placement and compaction of controlled fill	Field inspection	Y	Continuous		
5. Prior to placement of controlled fill, inspect subgrade and verify that site has been prepared properly	Field inspection	Y	Periodic		
1705.12.6 Plumbing, Mechanical and Electrical Components Special Inspections for Seismic Resistance					
1. Inspection during the anchorage of electrical equipment for emergency or standby power systems in SDC C, D, E or F	Field inspection	N	Periodic		
2. Inspection during the anchorage of other electrical equipment in SDC E or F	Field inspection	N	Periodic		
3. Inspection during installation and anchorage of piping systems designed to carry hazardous materials, and their associated mechanical units in SDC C, D, E or F	Field inspection	N	Periodic		
4. Inspection during the installation and anchorage of HVAC ductwork designed to contain hazardous materials in SDC C, D, E or F	Field inspection	N	Periodic		
5. Inspection during the installation and anchorage of vibration isolation systems in SDC C, D, E or F where nominal clearance of 1/4 inch or less is required by the approved construction documents	Field inspection	N	Periodic		
6. Inspection during installation of mechanical and electrical equipment, including duct work, piping systems and their structural supports, where automatic fire sprinkler systems are installed in structures assigned to SDC C, D, E, or F to verify one of the following unless flexible sprinkler hose fittings are used:					
a. ASCE/SEI 7, Section 13.2.3 minimum required clearances have been provided.	Field inspection	Y	Periodic		
b. A three inch or greater nominal clearance has been provided between fire protection sprinkler system drops and sprigs and: structural members not used collectively or independently to support the sprinklers; equipment attached to the building structure; and other systems' piping.	Field inspection	Y	Periodic		

* INSPECTION AGENTS FIRM	ADDRESS	TELEPHONE NO.
1.		
2.		
3.		
4.		

Notes: 1. The inspection and testing agent(s) shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official prior to commencing work. The qualifications of the Special Inspector(s) and/or testing agencies may be subject to the approval of the Building Official and/or the Design Professional.
2. The list of Special Inspectors may be submitted as a separate document, if noted so above.
3. Shop Inspections of fabricated items are not required where the fabricator is approved in accordance with IBC Section 1704.2.5.1 and listed in activity 1709.2.
4. Observe: Observe on a random basis, operations need not be delayed pending these inspections. Perform: These tasks shall be performed for each welded joint, bolted connection, or steel element.
5. NDT of welds completed in an approved fabricator's shop may be performed by that fabricator when approved by the AHJ. Refer to AISC 360, N6.

Are *Special Inspections for Seismic Resistance* included in the *Statement of Special Inspections*? **No**
Are *Special Inspections for Wind Resistance* included in the *Statement of Special Inspections*? **No**
DATE:

STATEMENT OF SPECIAL INSPECTIONS

PROJECT: York County Courthouse
LOCATION: 2 South Congress ST, York, SC 29745
PERMIT APPLICANT: Lydia Gandy
APPLICANT'S ADDRESS: 15 S Main St, Suite 400, Greenville, SC 29601
ARCHITECT OF RECORD: Mike Pry
STRUCTURAL ENGINEER OF RECORD: Mark Hufstetler, PE
MECHANICAL ENGINEER OF RECORD: Michael Rogers, PE
ELECTRICAL ENGINEER OF RECORD: Shannon Epps, PE
REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE: Mark Hufstetler, PE

This Statement of Special Inspections is submitted in accordance with Section 1704.3 of the 2018 International Building Code. It includes a *Schedule of Special Inspection Services* applicable to the above-referenced Project as well as the identity of the individuals, agencies, or firms intended to be retained for conducting these inspections. If applicable, it includes *Special Inspections for Seismic Resistance* and/or *Special Inspections for Wind Resistance*.

Are *Special Inspections for Seismic Resistance* included in the *Statement of Special Inspections*? ☐ Yes ☒ No
Are *Special Inspections for Wind Resistance* included in the *Statement of Special Inspections*? ☐ Yes ☒ No

The Special Inspector(s) shall keep records of all inspections and shall furnish interim inspection reports to the Building Official and to the Registered Design Professional in Responsible Charge at a frequency agreed upon by the Design Professional and the Building Official prior to the start of work. Discrepancies shall be brought to the immediate attention of the Contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge prior to completion of that phase of work. A *Final Report of Special Inspections* documenting required special inspections and corrections of any discrepancies noted in the inspections shall be submitted to the Building Official and the Registered Design Professional in Responsible Charge at the conclusion of the project.

Frequency of interim report submittals to the Registered Design Professional in Responsible Charge:

__Weekly __Bi-Weekly X Monthly Other; specify:________

The Special Inspection program does not relieve the Contractor of the responsibility to comply with the Contract Documents. Jobsite safety and means and methods of construction are solely the responsibility of the Contractor.

Statement of Special Inspections Prepared by:

Mark Hufstetler
Type or print name

Signature 07/01/2025
Date

Preparer's Seal
SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 27523 MARK L. HUFSTETLER

Building Official's Acceptance:

Signature Date
Permit Number:

Frequency of interim report submittals to the Building Official:

X Monthly __Bi- Monthly __Upon Completion Other; specify:________

SOUTH CAROLINA DEVITA & ASSOCIATES, INC. No. C00415 CERTIFICATE OF AUTHORIZATION
SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 27523 MARK L. HUFSTETLER 7-1-2026

SEALS

DEVITA
Engineering Great Ideas

ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

York County South Carolina

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

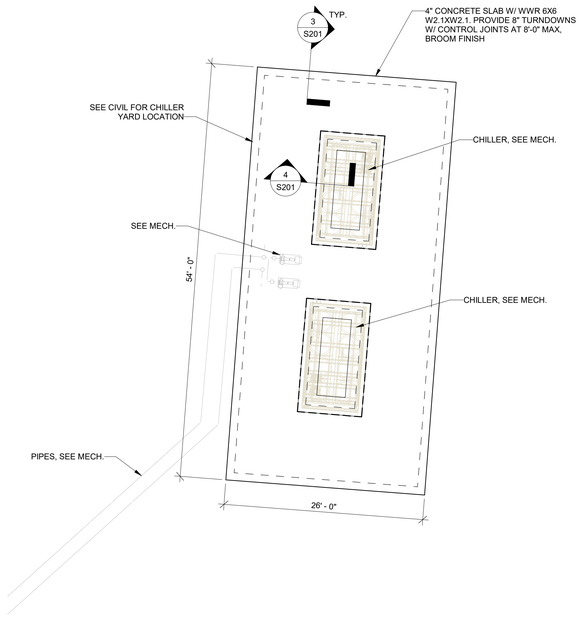
NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
SPECIAL INSPECTIONS

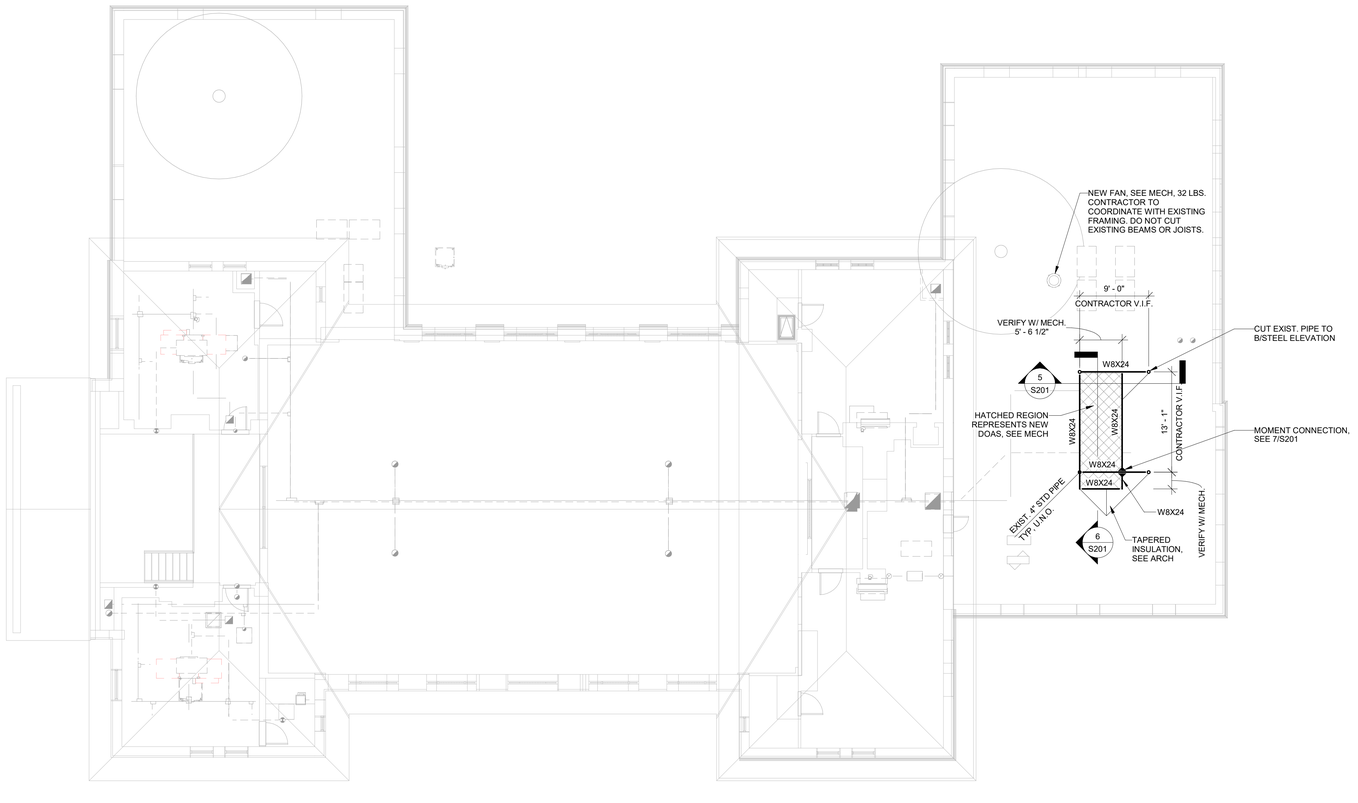
DRAWING NO.
S002

Drawn By: SAG Checked By: MLH

(BAR GRAPHIC IS 4" AT FULL SCALE)
0" 1" 2" 3" 4"



1 S101 CHILLER YARD PLAN
1/8" = 1'-0"



2 S101 ROOF FRAMING PLAN
1/8" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

SEALS

DEVITA & ASSOCIATES, INC. No. C00415 CERTIFICATE OF AUTHORIZATION

No. 27523 REGISTERED PROFESSIONAL ENGINEER MARK L. HUFSTETLER 7-1-2028

CONSULTANT

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

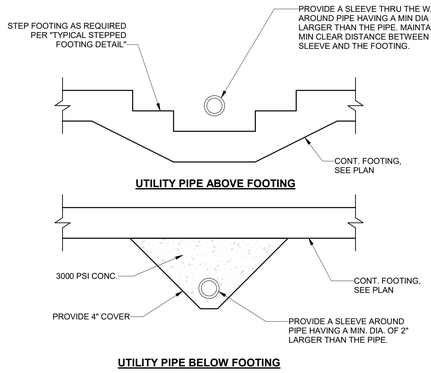
NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
FOUNDATION AND ROOF PLAN

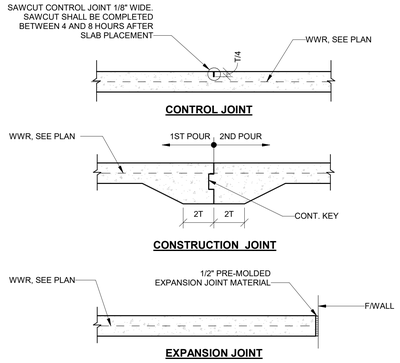
N

DRAWING NO.
S101

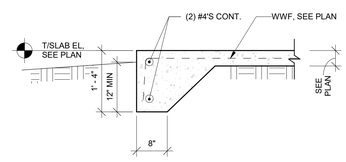
Drawn By: SAG Checked By: MLH



1 S201 TYP. UTILITIES UNDER CONTINUOUS FOOTING
1" = 1'-0"



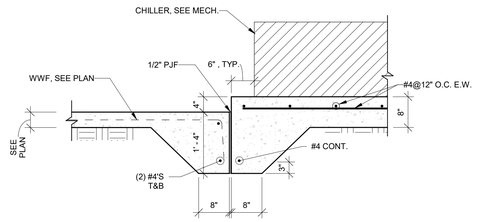
2 S201 TYPICAL SLAB ON GRADE JOINT DETAILS
1" = 1'-0"



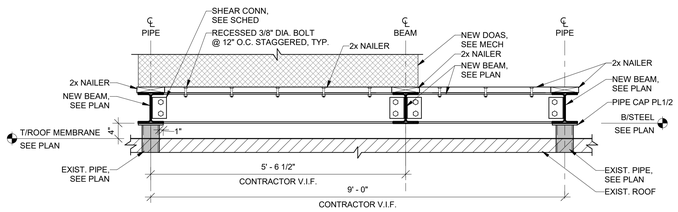
NOTE:

1. FENCE NOT SHOWN. COORDINATE WITH ARCH AND CIVIL FOR FENCE AND/OR ADDITIONAL FOUNDATIONS.

3 S201 CHILLER YARD TURNDOWN DETAIL
3/4" = 1'-0"

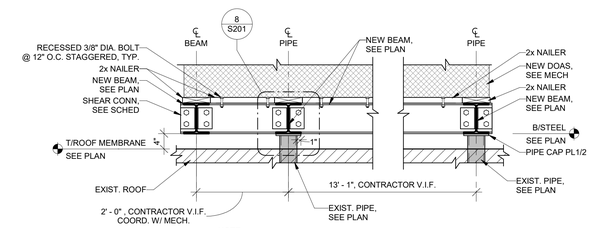


4 S201 CHILLER YARD EQUIPMENT SLAB
3/4" = 1'-0"



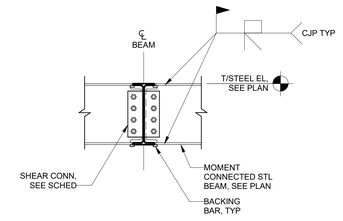
NOTE:
1. DOAS LOCATION SHOWN WITH HATCH, SEE MECH.
2. CUT EXISTING 4" STD PIPES AND ADD PL1/2 PIPE CAP FOR NEW B/STEEL ELEVATION.
3. BASIS OF DESIGN IS FOR MECHANICAL DOAS SPEC. IF DIFFERENT UNIT IS SELECTED, PROVIDE MORE INFORMATION FOR STEEL SHOPS COORDINATION.
4. SEE ARCH FOR WATERPROOFING, NOT SHOWN FOR CLARITY.

5 S201 DOAS FRAMING SECTION
3/4" = 1'-0"



NOTE:
1. DOAS LOCATION SHOWN WITH HATCH, SEE MECH.
2. CUT EXISTING 4" STD PIPES AND ASS PL1/2 PIPE CAP FOR NEW B/STEEL ELEVATION.
3. BASIS OF DESIGN IS FOR MECHANICAL DOAS SPEC. IF DIFFERENT UNIT IS SELECTED, PROVIDE MORE INFORMATION FOR STEEL SHOPS COORDINATION.
4. SEE ARCH FOR WATERPROOFING, NOT SHOWN FOR CLARITY.

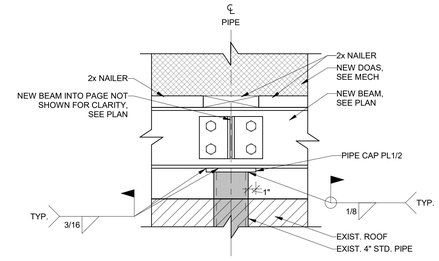
6 S201 DOAS FRAMING SECTION - CANTILEVER
3/4" = 1'-0"



W-BEAM TO W-BEAM

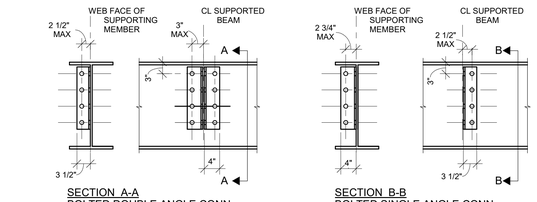
NOTE:
1. DOAS NOT SHOWN FOR CLARITY, SEE MECH.
2. 2x NAILER NOT SHOWN FOR CLARITY. USE RECESSED 3/8" DIA. BOLT @ 12" O.C. STAGGERED, TYP.

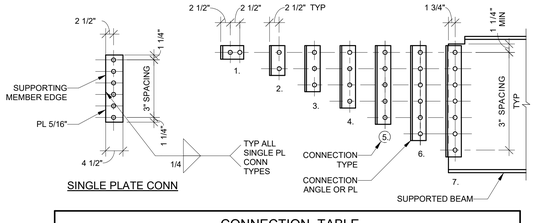
7 S201 TYPICAL BEAM MOMENT CONNECTIONS
3/4" = 1'-0"



NOTE:
1. DOAS LOCATION SHOWN WITH HATCH, SEE MECH.
2. CUT EXISTING 4" STD PIPES AND ADD PL1/2 PIPE CAP FOR NEW B/STEEL ELEVATION.
3. NEW BEAM INTO PAGE IS NOT SHOWN FOR CLARITY.
4. 2x NAILER THRU BOLTS NOT SHOWN FOR CLARITY. USE RECESSED 3/8" DIA. BOLT @ 12" O.C. STAGGERED, TYP.

8 S201 DOAS FRAMING - TYP. PIPE CAP WELDING
1 1/2" = 1'-0"





CONNECTION TABLE

CONN TYPE	DOUBLE & SINGLE ANGLE CONNECTION		SINGLE PLATE CONNECTION		FACTORED LOAD CAPACITY			MINIMUM SUPPORTED MEMBER SIZE
	SIZE	LENGTH	SIZE	LENGTH	DOUBLE ANGLE	SINGLE ANGLE	SINGLE PLATE	
7	L4x3 1/2	1' - 8 1/2"	PL5/16"x4"	1' - 8 1/2"	217k	112k	108k	W36, W33
6	L4x3 1/2	1' - 5 1/2"	PL5/16"x4"	1' - 5 1/2"	176k	93k	89k	W30, W27
5	L4x3 1/2	1' - 2 1/2"	PL5/16"x4"	1' - 2 1/2"	112k	74k	81k	W24, W21
4	L4x3 1/2	11 1/2"	PL5/16"x4"	11 1/2"	64k	55k	62k	W18, W16
3	L4x3 1/2	8 1/2"	PL5/16"x4"	8 1/2"	39k	35k	39k	W14, C15, W12, C12
2	L4x3 1/2	5 1/2"	PL5/16"x4"	5 1/2"	23k	18k	23k	W10, C10, W8, C8
1	L6x4x3/8	2 1/2"	-	-	16k	-	-	C6, WT

NOTES:
1. CONNECTION BOLTS SHALL BE 3/4"Ø A325-N BEARING TYPE. BOLT LIMIT STATE IN SINGLE SHEAR = 17.9 KIPS.
2. CONNECTION ANGLE THICKNESS: 5/16" FOR DOUBLE ANGLE CONNECTIONS TYPE 2 THRU 7. 3/8" FOR SINGLE ANGLE CONNECTIONS TYPE 2 THRU 7.
3. SINGLE PLATE CONNECTIONS ARE BASED ON FLEXIBLE CONNECTIONS WITH STANDARD HOLES.
4. ANY CONNECTION THAT IS OUTSIDE THE LIMITS OF THE CONNECTION TABLE SHALL BE DESIGNED BY THE SPECIALTY ENGINEER LICENSED IN THE STATE OF PROJECT AND SHALL BE SUBMITTED AS SIGNED AND SEALED SHOP DRAWINGS AND CALCULATIONS FOR APPROVAL.
5. ALL CONNECTIONS WITH AXIAL LOADS SHOWN ON PLAN SHALL BE DESIGNED BY THE SPECIALTY ENGINEER LICENSED IN THE STATE OF THE PROJECT AND SHALL BE SUBMITTED AS SIGNED AND SEALED SHOP DRAWINGS AND CALCULATIONS FOR APPROVAL.
6. BOLTEDWELDED SINGLE AND DOUBLE ANGLE CONNECTIONS MAY BE USED PROVIDED THAT THE WELDS ARE SIZED TO RESIST THE LOADS SHOWN IN ACCORDANCE WITH AISC STANDARDS.

9 S201 BEAM TO GIRDER AND COLUMN CONN.
3/4" = 1'-0"

4"
3"
2"
1"
0"
(BAR GRAPHIC IS 4" AT FULL SCALE)

SEALS

DEVITA & ASSOCIATES, INC. No. C00415 CERTIFICATE OF AUTHORIZATION

No. 27523 REGISTERED PROFESSIONAL ENGINEER MARK L. HUFFSTETLER 7-1-2028

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 SOUTH CONGRESS ST
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
TYPICAL SECTIONS AND DETAILS

DRAWING NO.
S201

Drawn By: SAG Checked By: MLH

FIRE PROTECTION GENERAL NOTES & SPECIFICATIONS

1. THE INFORMATION GIVEN HEREIN AND ON THE PLANS IS AS EXACT AS COULD BE SECURED FOR BIDDING PURPOSES, AND ITS ACCURACY IS NOT GUARANTEED. THE FIRE SPRINKLER SUB-CONTRACTOR IS RESPONSIBLE FOR EXAMINING BOTH THE NEW AND EXISTING JOB CONDITIONS AND VERIFYING ALL MEASUREMENTS, DISTANCES, ELEVATIONS, CLEARANCES, PIPE SIZES, ETC. BEFORE STARTING THE WORK.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE, HYDRAULICALLY CALCULATED, AUTOMATIC SPRINKLER SYSTEM, INCLUDING ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES REQUIRED TO DELIVER ALL SYSTEMS COMPLETE, IN PERFECT WORKING ORDER AND IN FULL ACCORDANCE WITH THE REQUIREMENTS OF NFPA 13, THE OWNER'S INSURANCE UNDERWRITER AND LOCAL AUTHORITIES.
3. OBTAIN CURRENT WATER FLOW TEST INFORMATION FROM THE LOCAL WATER UTILITY BEFORE STARTING ANY SPRINKLER SHOP DRAWINGS.
   A. DATE: TBD
   B. TIME: TBD
   C. STATIC: TBD
   D. RESIDUAL: TBD
   E. FLOW: TBD
   F. LOCATION: TBD
   G. TEST HYDRANT: TBD
   H. FLOW HYDRANT:TBD
   I. VERIFY WITH LOCAL WATER UTILITY BEFORE STARTING ANY SPRINKLER SHOP DRAWINGS.
4. OBTAIN A COMPLETE AND CURRENT SET OF THE PROJECT CONSTRUCTION DOCUMENTS INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS AND COORDINATE SPRINKLER SHOP DRAWINGS WITH ALL TRADES PRIOR TO CONSTRUCTION.
5. PROVIDE SHOP DRAWINGS INCLUDING BUT NOT LIMITED TO ALL ITEMS WHICH APPLY AS OUTLINED IN NFPA-13 "WORKING PLANS" AND IN NFPA 13 "HYDRAULIC CALCULATIONS".
6. THE SPRINKLER CONTRACTOR SHALL DETERMINE AND NOTE ON THE SHOP DRAWINGS; THE HAZARD CLASSIFICATION USED TO DETERMINE SPRINKLER SPACING AND DESIGN DENSITIES.
7. PRIOR TO THE START OF CONSTRUCTION, THE SPRINKLER CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND SUBMITTING TO ALL AUTHORITIES HAVING JURISDICTION AND THE DESIGN ENGINEER/ARCHITECT COMPLETE DESIGN/SHOP DRAWINGS AND HYDRAULIC CALCULATIONS BEARING A CURRENT NICET LEVEL 3 SIGNATURE.
8. OBTAIN A PERMIT FROM THE FIRE PREVENTION BUREAU PRIOR TO THE INSTALLATION OF THE FIRE SUPPRESSION SYSTEM WHERE REQUIRED.
9. PROVIDE SPRINKLER PROTECTION UNDER CANOPIES WHEN REQUIRED BE LOCAL AHJ.
10. SPRINKLERS IN UNHEATED AREAS OR AREAS SUBJECT TO FREEZING SHALL BE PROTECTED FROM FREEZING.
11. PROJECT PHASING SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, PHASING PLANS, JOB CONDITIONS, AND OWNER DIRECTIONS.
12. ALL ARM-OVERS TO BE 1" UNLESS NOTED OTHERWISE.
13. A COMPLETE AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED IN ALL SPACES.
14. THE FIRE PROTECTION SUB-CONTRACTOR SHALL PROVIDE A BACKFLOW PREVENTER ASSEMBLY IN ACCORDANCE WITH UTILITY COMPANY REGULATIONS.
15. PROVIDE ALL NECESSARY OFFSETS, RISES OR DROPS IN THE PIPING AND AUXILIARY DRAINS AS REQUIRED BY ALL APPLICABLE CODES WHETHER OR NOT SHOWN ON THE PLANS.
16. FIRE PROTECTION SYSTEM DESIGN, MATERIALS, AND INSTALLATION SHALL MEET OR EXCEED ALL REQUIREMENTS OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), INTERNATIONAL BUILDING CODE (IBC) AND THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ), STATE AND LOCAL FIRE MARSHAL HAVING JURISDICTION, OWNERS INSURANCE CARRIER, AND GOVERNING CITY AND COUNTY CODES.
17. WARRANTY THE SYSTEM, LABOR, MATERIALS AND EQUIPMENT FOR ONE YEAR AFTER OWNERS ACCEPTANCE. REPLACE OR REPAIR DEFECTIVE WORKMANSHIP, EQUIPMENT AND MATERIALS AT NO ADDITIONAL COST TO THE OWNER.
18. ALL SPRINKLER SYSTEM AND ASSOCIATED COMPONENTS SHALL BE BRACED FOR SEISMIC CONDITIONS AS OUTLINED IN ASCE-07 AND INFORMATION INDICATED ELSEWHERE WITHIN THESE DOCUMENTS. THE SEISMIC DESIGN IS DELEGATED TO NFPA REQUIREMENTS PROVIDED BY THE CONTRACTOR. REFER TO THE APPENDIX B AND STRUCTURAL DRAWINGS FOR DESIGN CATEGORY AND IMPORTANCE FACTORS. THE FIRE SPRINKLER SUB-CONTRACTOR SHALL CONSULT THE APPENDIX-B OF THE CONTRACT DOCUMENTS. PROVIDE AND INSTALL SEISMIC RESTRAINT FOR ALL PIPING CONDUIT & EQUIPMENT IN ACCORDANCE WITH REQUIREMENTS OF STANDARD BUILDING CODE.
19. PROPERLY SUPPORT AND BRACE VERTICALLY AND HORIZONTALLY ALL PIPING, APPARATUS, EQUIPMENT, ETC. IN ACCORDANCE WITH ALL APPLICABLE CODES TO PREVENT EXCESSIVE MOVEMENT DURING OPERATION AND/OR SEISMIC CONDITIONS.
20. ALL SPRINKLER ALARM, TAMPER AND DETECTION SYSTEMS ARE TO BE CONNECTED THE BUILDINGS CENTRAL FIRE ALARM SYSTEM.
21. VALVES, HEADS, FLOW SWITCHES, ETC., SHALL CARRY EITHER THE F.M. OR U.L. APPROVAL AND CONFORM TO ALL REQUIREMENTS AS LISTED IN THE LATEST EDITION OF THE NFPA CODES.
22. ABOVE GRADE PIPE AND FITTINGS: BLACK STEEL, SCHEDULE 7 MINIMUM, CONFORMING TO ASTM SPECIFICATIONS FOR BLACK AND HOT DIPPED ZINC COATED (GALVANIZED) WELDED AND SEAMLESS STEEL PIPE FOR ORDINARY USES, ANSI/ASTM A53. FITTINGS SHALL BE WELDED, SCREWED, OR GROOVED MECHANICAL JOINT. THREADABLE THINWALL PIPE AND PLASTIC PIPE AND FITTINGS ARE NOT ACCEPTABLE.
23. PIPE HANGERS: SHALL CONFORM TO NFPA AND U.L. STANDARDS FOR SPACING, NUMBER, SIZE, AND TYPE. PIPE TO BE GENERALLY SUPPORTED BY CLAMPS AND RODS SECURED TO OVERHEAD CONSTRUCTION.
24. VALVES: OS&Y TYPE, IRON BODY BRONZE MOUNTED, DOUBLE DISC WITH PARALLEL SEATS, OR; BUTTERFLY VALVE WITH INTEGRAL TAMPER SWITCH, LUG TYPE, DUCTILE IRON BODY, STAINLESS STEEL STEM, ALUMINUM BRONZE DISC, PHENOLIC RING AND BUNA N SEAT. VALVES SHALL BE FM/UL LISTED AND APPROVED FOR FIRE PROTECTION SERVICE.
25. CUTTING AND PATCHING OF ANY CONDITIONS INCLUDING FLOORS, WALLS AND CEILINGS REQUIRED FOR THE INSTALLATION OF THE FIRE PROTECTION SYSTEM IS THE RESPONSIBILITY OF THE FIRE SPRINKLER SUB-CONTRACTOR. ALL WORK SHALL BE COORDINATED WITH ALL TRADES. HOLES SHALL BE CUT WITH HOLE SAWS OR OTHER APPROPRIATE CUTTING DEVICE.
26. WALL AND FLOOR PLATES: PROVIDE CHROME PLATED ESCUTCHEON PLATES WHERE PIPES PASS THROUGH FINISHED WALLS, FLOORS, OR CEILING. PROVIDE PRIME COAT PAINTED ESCUTCHEON PLATES WHEREVER PIPES PASS THROUGH THE WALLS, FLOORS, OR CEILINGS IN UNFINISHED EXPOSED AREAS.
27. TESTING AND FLUSHING: OVERHEAD SPRINKLER PIPING: TESTED FOR A PERIOD OF TWO HOURS AT A HYDROSTATIC PRESSURE OF 200 LBS. AND ALL PIPING, VALVES, HEADS, ETC. SHALL BE WATERTIGHT.
28. UNDERGROUND PIPING: TESTED FOR A PERIOD OF TWO HOURS AT A HYDROSTATIC PRESSURE OF 200 PSI IN ACCORDANCE WITH NFPA PAMPHLET #13. LEAKAGE SHALL NOT EXCEED QUANTITIES INDICATED.
29. PAINT ALL EXPOSED PIPING IN CLOSETS, STAIRWELLS, MECHANICAL ROOM ETC. COLOR TO BE SELECTED BY THE ARCHITECT.
30. HEAD LOCATIONS ARE TO BE IN CENTER OF THE CEILING TILE USING THE REFLECTIVE CEILING PLANS IN THE CONTRACT DOCUMENTS AND AS COORDINATED WITH THE CEILING CONTRACTOR.
31. INSTALLATION DRAWINGS SHALL BE PREPARED UNDER THE SUPERVISION OF QUALIFIED DESIGN PROFESSIONAL WHO CAN BE A PROFESSIONAL ENGINEER (PE) OR A MINIMUM LEVEL III TECHNICIAN CERTIFIED IN FIRE PROTECTION ENGINEERING TECHNOLOGY AND AUTOMATIC SPRINKLER SYSTEM LAYOUT BY THE NATIONAL INSTITUTE FOR CERTIFICATIONS IN ENGINEERING TECHNOLOGIES (NICET).
32. SUBMITTALS, DRAWINGS, AND HYDRAULIC CALCULATIONS SHALL BEAR THE PE SEAL OR NICET CERTIFICATION NUMBER AND SIGNATURE.
33. CONTRACTOR LICENSE, QUALIFICATIONS, AND RESPONSIBILITIES: THE CONTRACTOR MUST BE LICENSED BY THE STATE. THE CONTRACTOR MAY BE REQUIRED TO FURNISH EVIDENCE OF SATISFACTORY PERFORMANCE ON PREVIOUS SPRINKLER SYSTEM INSTALLATIONS OF EQUIVALENT SIZE, TYPE, AND COMPLEXITY.
34. FIRE PROTECTION SYSTEMS SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DOCUMENTS, NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), INTERNATIONAL BUILDING CODE (IBC) AND THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ).
35. EQUIPMENT LESS THAN 110 VOLT, ALL RELAYS, ACTUATORS, PRESSURE, FLOW, PNEUMATIC-ELECTRIC AND ELECTRIC-PNEUMATIC SWITCHES, EMERGENCY BREAK-GLASS STATIONS, DISCONNECT SWITCHES BEYOND TERMINATION POINT, AND OTHER APPURTENANCES ASSOCIATED WITH EQUIPMENT BY ELECTRICAL CONTRACTOR SHALL BE FURNISHED, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
36. ALL WIRING REQUIRED FOR CONTROLS AND INSTRUMENTATION NOT INDICATED ON THE DRAWING SHALL BE FURNISHED AND INSTALLED BY FIRE ALARM CONTRACTOR. ALL SPRINKLER FLOW AND TAMPER SWITCHES SHALL BE FURNISHED AND INSTALLED BY FIRE PROTECTION CONTRACTOR, AND WIRED BY FIRE ALARM CONTRACTOR.
37. PRESSURE HYDROSTATIC TESTS SHALL BE DONE WITH ALL SPRINKLER HEADS INSTALLED. WHERE AN EXISTING SPRINKLER SYSTEM IS BEING EXPANDED OR RENOVATED, THE CONTRACTOR IS RESPONSIBLE FOR THE INTEGRITY OF ALL NEW PIPING PLUS EXISTING PIPING WITHIN THREE FEET OF NEW OR RENOVATION WORK, AND THE OWNER IS RESPONSIBLE FOR THE INTEGRITY OF THE BALANCE OF THE SYSTEM, DURING THE PRESSURE TEST.
38. THE FIRE SPRINKLER PORTION OF THESE DOCUMENTS ARE SUPPLIED AS PERFORMANCE BASED DRAWINGS AND SPECIFICATIONS. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE INTENDED TO SHOW THE DESIGN INTENT AS COORDINATED WITH THE OWNERS NEEDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL DESIGN AND SHOP DRAWINGS BASED ON THE INTENT INDICATED. THESE DOCUMENTS ARE NOT INTENDED TO SHOW ALL REQUIRED ITEMS AND DESIGN ISSUES, THE CONTRACTORS BID SHALL INCLUDE ALL REQUIRED ITEMS FOR A FULLY FUNCTIONAL, CODE COMPLIANT SYSTEM. ANY ERRORS OR OMISSIONS WITHIN THESE DOCUMENTS MUST BE BROUGHT TO THE ENGINEERS ATTENTION AND RESOLVED BEFORE BID. NO ADDITIONAL COSTS WILL BE ACCEPTED AFTER BID.
39. ALL SPRINKLER HEADS LOCATED IN A.C.T. CEILING SHALL BE WHITE RECESSED PENDANT TYPE WITH TEMPERATURE RATINGS AS CONDITIONS DICTATE AND CENTERED IN 2X2 CEILING TILE. ASSOCIATED SPRINKLER PIPING SHALL BE RUN IN FURRED SPACES, CHASES, ETC. TO COMPLETELY CONCEAL ALL PIPING.
40. ALL SPRINKLER HEADS LOCATED IN GYPSUM CEILINGS SHALL BE WHITE CONCEALED PENDANT TYPE WITH TEMPERATURE RATINGS AS CONDITIONS DICTATE. ASSOCIATED SPRINKLER PIPING SHALL BE RUN IN FURRED IN SPACES, CHASES, ETC. TO COMPLETELY CONCEAL ALL PIPING. THE FINISH OF THE COVER PLATE SHALL BE WHITE.
41. ALL SPRINKLER HEADS IN AREAS WITHOUT FINISHED CEILINGS SHALL BE BRASS UPRIGHT HEADS WITH TEMPERATURE RATING AS CONDITIONS DICTATE. ASSOCIATED SPRINKLER PIPING SHALL BE RUN EXPOSED.
42. THE SPRINKLER CONTRACTOR SHALL COORDINATE THE LOCATION OF PIPING AND HEADS WITH LIGHT FIXTURES, DIFFUSERS, DUCTWORK, PLUMBING LINES, ETC. AND MAKE MINOR ADJUSTMENTS IN THE SPRINKLER LAYOUT WHERE REQUIRED OR DEEMED NECESSARY BY THE ARCHITECT. THE DESIGN SHALL INCLUDE AN OUTLINE OF ALL DUCTWORK, LIGHTS, AND OTHER OBSTRUCTIONS (DO NOT ROUTE PIPING THROUGH THE DUCTWORK) TO SHOW PROPER INSTALLATION OF ALL SPRINKLER WORK. THE GENERAL CONTRACTOR SHALL COORDINATE CLEARANCES WITH THE SPRINKLER PIPING, AND ALL TRADES AFFECTED SHALL "SIGN OFF" ON THE DESIGN PRIOR TO FABRICATION OR INSTALLATION.
43. CONTRACTOR SHALL COORDINATE ALL SPRINKLER SHUTDOWNS AND ACTIVATIONS WITH BUILDING STAFF DURING ALL MODIFICATIONS AND ADDITIONS. FITTERS MUST REMAIN ON SITE UNTIL THE SYSTEM IS BACK ONLINE.
44. PRIOR TO FINAL INSPECTION BY THE AHJ AND/OR THE OWNER'S REPRESENTATIVE, THE SYSTEM INSTALLER IS TO SUBMIT NFPA-REQUIRED CONTRACTOR'S MATERIAL AND TEST CERTIFICATE(S) FOR ABOVEGROUND, AND UNDERGROUND, PIPING WHEN APPLICABLE. SEND COPIES TO THE FOLLOWING:
   A. THE SPECIFYING ENGINEER (PE), IF ANY
   B. THE AUTHORITY HAVING JURISDICTION (AHJ)
   C. REPRESENTATIVE OF THE BUILDING OWNER*
   D. NOTE: IF THE SPRINKLER CONTRACTOR DID NOT PROVIDE THE UNDERGROUND PIPING, THE RESPONSIBLE CONTRACTOR MUST SUBMIT THAT CERTIFICATION. THE SPRINKLER CONTRACTOR IS NOT TO CONNECT THE RISER UNTIL UNDERGROUND PIPING HAS BEEN FLUSHED, TESTED, AND CERTIFIED BY THE RESPONSIBLE CONTRACTOR AND WITNESSED BY ONE OF THE ABOVE MENTIONED PARTIES.
45. PROVIDE RECORD DRAWINGS WHICH CLEARLY SHOW ALL PIPING, UNDERGROUND AND ABOVE GROUND, DIMENSIONED FROM ANY PERMANENT STRUCTURE AND ALL WORK ADDED TO THE CONTRACT DOCUMENTS.
46. WHERE SPRINKLER SYSTEM IS INSTALLED IN BUILDINGS WITHOUT A FIRE ALARM SYSTEM, THE SPRINKLER CONTRACTOR SHALL PROVIDE SPRINKLER WATERFLOW AND SUPERVISORY SYSTEM PER THE AHJ AND NFPA-72. THE SPRINKLER CONTRACTOR SHALL PROVIDE A FIRE ALARM SYSTEM CONNECTED TO A MONITORING STATION FOR SPRINKLER SUPERVISION AND ALARM PER NFPA-72, INCLUDING NFPA-13 REQUIRED LOCAL ALARM.
47. APPLICABLE STANDARDS AND CODES:
   A. 2021 INTERNATIONAL BUILDING CODE
   B. 2021 INTERNATIONAL FIRE CODE
   C. 2019 NFPA-13 "STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS"
   D. 2019 NFPA-72 "NATIONAL FIRE ALARM AND SIGNALING CODE"

FIRE PROTECTION CRITERIA

MECH 144 & FILES 134						
CLASSIFICATION	DENSITY	AREA OF COVERAGE	COVERAGE PER HEAD	DISCHARGE TEMPERATURE	MAXIMUM SPACING	HOSE STREAM ALLOWANCE
ORDINARY HAZARD GROUP 2	0.20 GPM / SQFT	1500 SQFT	130 SQFT	165°F	15 FT	250 GPM

DESIGN CRITERIA

1. CONTRACTOR SHALL PROVIDE MATERIAL AND LABOR TO DEMOLISH, RELOCATE AND OR ADD SPRINKLER HEADS AS REQUIRED TO PROVIDE NFPA-13 COMPLIANT PROTECTION THROUGHOUT RENOVATION / DEMOLITION AREA.
2. CRITERIA LISTED IN THIS SECTION CONSTITUTES THE MINIMUM REQUIREMENTS BY THE ACCEPTED STANDARD NFPA 13. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE NFPA 13 STANDARD, LOCAL AUTHORITY HAVING JURISDICTION, THE OWNERS INSURANCE UNDERWRITER AND SC STATE FIRE MARSHALS OFFICE FIRE SPRINKLER SYSTEM GUIDELINES AND POLICIES. THE MOST STRINGENT REQUIREMENTS APPLY IN ALL CASES.
3. SPRINKLER HEADS SHALL BE SPACED IN ACCORDANCE WITH NFPA-13 AND THE MANUFACTURERS APPROVAL LISTING.
4. ORDINARY HAZARD GROUP II DESIGN CRITERIA .20/1500 +250 GPM HOSE ALLOWANCE
   - PROVIDE QUICK RESPONSE SPRINKLERS WHEN UTILIZING AREA REDUCTION.
   - AREA REDUCTION FOR QUICK RESPONSE SPRINKLERS PER NFPA-13.
   - PROVIDE SPRINKLERS WITH A TEMPERATURE RATING OF 286°F OR HIGHER.
5. DESIGN DENSITY AS INDICATED OR PER CODE WHICHEVER IS MORE STRINGENT.
6. SPRINKLER HEAD SPACING SHALL NOT EXCEED 130 SQ. FT. PER HEAD FOR ORDINARY HAZARD II
7. EXTENDED COVERAGE SPRINKLERS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS LISTINGS AND APPROVALS. AT THE CONTRACTORS OPTION, E.C. HEADS CAN BE UTILIZED WHEN SUPPORTING HYDRAULIC VERIFICATION IS PROVIDED.
8. PROVIDE DESIGN DENSITY AS INDICATED OR PER CODE, WHICHEVER IS MORE STRINGENT.
9. F.P. SUB-CONTRACTOR TO INVESTIGATE THE CONTRACT DRAWINGS, PROVIDE SYSTEM LAYOUT AND ANY LABOR, PIPE, FITTINGS, ETC. TO PROVIDE RELOCATED AND NEW SPRINKLERS AS INDICATED ON THE DRAWINGS AND/OR AS REQUIRED BY CODE AND LOCAL AHJ.
10. F.P. SUB-CONTRACTOR SHALL PROVIDE HYDRAULIC CALCULATIONS VERIFYING THE DESIGN CRITERIA FOR EACH HAZARD.
11. PRIOR TO HYDRAULIC CALCULATIONS, OBTAIN CURRENT (WITHIN 6 MONTHS) FIRE FLOW DATA (GPM AND PRESSURE) FROM NEAREST WATER SUPPLY. EITHER CONDUCT A TEST WITNESSED BY OR OBTAIN ONE FROM THE BUILDING OR FIRE OFFICIAL. THE F.P. "SUB-CONTRACTOR" SHALL BEAR ALL COST ASSOCIATED WITH A CURRENT TEST. NEITHER IS THE ENGINEER, OWNER OR G.C. RESPONSIBLE FOR PROVIDING THIS DATA OR PROVIDE EXTRA COMPENSATION.
12. F.P. SUB-CONTRACTOR SHALL TERMINATE THE HYDRAULIC CALCULATIONS AT THE CITY TEST CONNECTION MINIMUM. INDICATE ON DRAWINGS ALL UNDERGROUND PIPE AND FITTINGS, BACKFLOW PREVENTERS, METERS, BOTH NEW AND EXISTING.
13. QUICK-RESPONSE SPRINKLERS WHERE LISTED QUICK-RESPONSE SPRINKLERS, INCLUDING EXTENDED COVERAGE QUICK-RESPONSE SPRINKLERS, ARE USED THROUGHOUT A SYSTEM OR PORTION OF A SYSTEM HAVING THE SAME HYDRAULIC DESIGN BASIS, THE SYSTEM AREA OF OPERATION SHALL BE PERMITTED TO BE REDUCED WITHOUT REVISING THE DENSITY AS INDICATED IN NFPA-13 WHEN ALL OF THE FOLLOWING CONDITIONS ARE SATISFIED:
   (1) WET PIPE SYSTEM
   (2) LIGHT HAZARD OR ORDINARY HAZARD OCCUPANCY
   (3) 20-FT (6.1-M) MAXIMUM CEILING HEIGHT
   (4) THERE ARE NO UNPROTECTED CEILING POCKETS AS ALLOWED BY NFPA-13 EXCEEDING 32 FT^2
14. F.P. SUB-CONTRACTOR SHALL INVESTIGATE THE EXISTING INSTALLED SPRINKLER HEADS TO DETERMINE THE RESPONSE RATING AND PROVIDE NEW HEADS WITH THE SAME RESPONSE RATING WITHIN A COMPARTMENT. NEW SPRINKLER HEAD, PLATE AND FINISH SHALL MATCH EXISTING.
15. F.P. SUB-CONTRACTOR SHALL ONLY INSTALL NEW NEW SPRINKLER HEADS FOR ALL RELOCATED SPRINKLER LOCATIONS.
16. RELOCATED SPRINKLER HEAD REFERS TO THE PHYSICAL HEAD LOCATION, EXISTING HEADS SHALL NOT BE RE-INSTALLED.
17. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE INTENDED TO SHOW THE DESIGN INTENT AS COORDINATED WITH THE OWNERS NEEDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL DESIGN AND SHOP DRAWINGS BASED ON THE INTENT INDICATED. THESE DOCUMENTS ARE NOT INTENDED TO SHOW ALL REQUIRED ITEMS AND DESIGN ISSUES, THE CONTRACTORS BID SHALL INCLUDE ALL REQUIRED ITEMS FOR A FULLY FUNCTIONAL SYSTEM. ANY ERRORS OR OMISSIONS WITHIN THESE DOCUMENTS MUST BE BROUGHT TO THE ENGINEERS ATTENTION AND RESOLVED BEFORE BID. NO ADDITIONAL COSTS WILL BE ACCEPTED AFTER BID.

Fire Sprinkler System Specification Sheet (FSSSS)

(See S.C. Code of Laws §40-10-250)

Project Name:	YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT		
Full Project Address:	2 SOUTH CONGRESS STREET YORK, SC 29745		
Permitting Authority:	CITY of YORK, SC		
Water Supply			
Tested at: ☐Municipal dead-end, ☒Municipal circulation, ☐Existing fire pump, ☐Other			Pipe Size (in): 6" Entry Serv
Date of test: 02/24/2026	Static Pressure (psi): 64	Residual Pressure (psi): 56	Flow (gpm): 1000
Test by/from: CITY OF YORK - J CAIN AND M. GLENN			Phone #:
Distance from test's pressure gauge to building-base of riser		Horizontal (ft): n/a	Vertical (ft): n/a
Fire Pump ☐New, ☐Existing, ☒None		100% rated capacity (gpm):	
Rated pressure (psi)	@ 100%	@150%	@ churn:
On-site Water storage ☐New, ☐Existing, ☒None		Capacity(gal):	Type:
Seismic Design Data			
Short Period Response Parameter= S_{DS}:	Seismic Coefficient= C_p:	Seismic Design Category:	

Design Areas

Area #	Hazard Classification	Occupancy use of area and details of storage arrangement as applicable
1st Flr	Ordinary Haz II	Existing File Storage (less than 12'-0") split with new dividing wall. Previous file storage becomes new area for mechanical eqpt. room.

Design Parameters

Area #	System Type	Design Discharge Criteria	Inside Hose(gpm)	Outside Hose(gpm)
1st Flr	Wet	Current Design - NFPA 13 Ordinary Hazard Group II, 0.2-1500 w/gpm , 130 sf max head spacing, fire storage less than 12'-0" Height		
		Modify existing sprinkler system adding minimum number of head with addition of the dividing wall.		

Applicable Codes and Standards (with editions) for the Scope of Work

2021 SCBC / 2014 SCFC / 2019 NFPA-13

Scope of Work and Notes

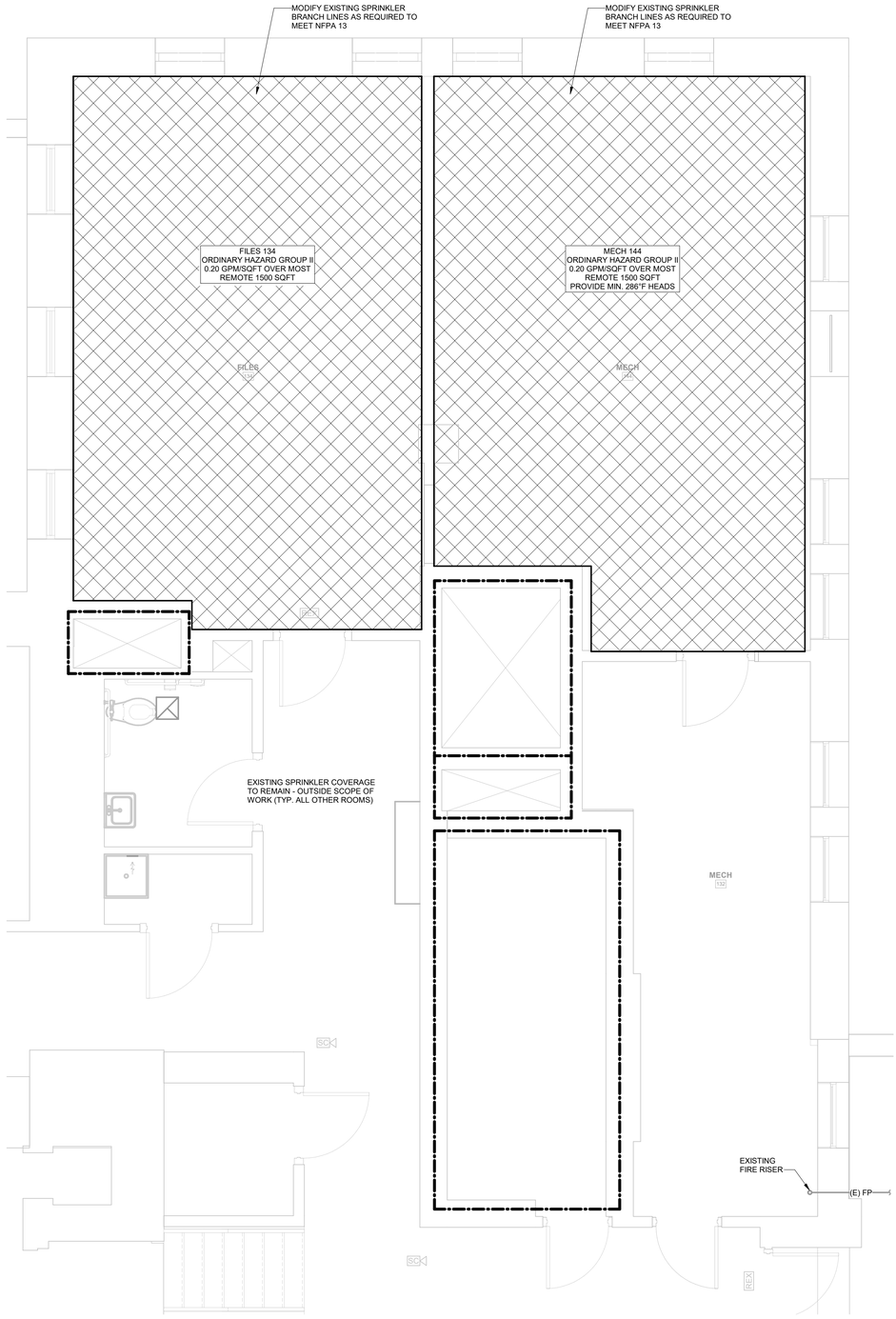
EXISTING BUILDING IS FULLY PROTECTED WITH A NFPA 13 SYSTEM. ONLY MODIFICATIONS IN THE EXISTING FILE STORAGE ROOM IS IN THE SCOPE OF WORK, RELATED TO THE PROJECT. WHERE THE NEW HVAC SYSTEM IS INSTALLED, DUCT WORK IS ROUTED ABOVE THE FINISHED CEILINGS.

Specifier's Information

Name: Michael A. Rogers, PE
Engineering services provided through a firm ☒Yes, ☐No
Firm Name: DEVITA
Address: 205 Regency Executive Park, Suite 315, Charlotte, NC 28217
Phone #: 980-312-5305
Email: mrogers@devitainc.com

Certificate of Authorization — PE's Seal

Revision #: 0 Page 1 of 1
Form Version: 2026
Signature
Date 07/01/2026



1 / FP201 FIRE PROTECTION CRITERIA PART PLAN
3/8" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE) 0" 1" 2" 3" 4"

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
FIRE PROTECTION 1ST FLOOR PLAN

DRAWING NO.
FP201

Drawn By: WJS Checked By: MAR

PIPING SYMBOLS LEGEND

PIPING LEGEND

CHWS	CHILLED WATER SUPPLY - CHWS - 42°F
CHWR	CHILLED WATER RETURN - CHWR - 57°F
HWS	HOT WATER SUPPLY - HWS - 140°F
HWR	HOT WATER RETURN - HWR - 120°F
SS	SANITARY SEWER PIPING - SS
GW	GREASE WASTE PIPING - GW
V	VENT PIPING ABOVE FLOOR - V
G	NATURAL GAS PIPING (LOW PRESSURE) - G
G(2PSI)	NATURAL GAS PIPING (2 PSI) - G(2 PSI)
G(5PSI)	NATURAL GAS PIPING (5 PSI) - G(5 PSI)

SYMBOL LEGEND	ABBREVIATIONS
CONNECT TO EXISTING	A AMPS
PLUMBING NOTE	ACFM ACTUAL CUBIC FEET PER MINUTE
XX-1 FIXTURE / EQUIPMENT DESIGNATION	ACFH ACTUAL CUBIC FEET PER HOUR
FLOOR DRAIN	ADA AMERICANS WITH DISABILITIES ACT
HUB DRAIN	AFF ABOVE FINISHED FLOOR
FLOOR / EXTERIOR CLEANOUT	ANSI AMERICAN NATIONAL STANDARDS INSTITUTE
WALL CLEANOUT	ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS
P-TRAP	ASCE AMERICAN SOCIETY OF CIVIL ENGINEERS
PIPING TURNING UP	ASME AMERICAN SOCIETY OF MECHANICAL ENGINEERS
PIPING TURNING DOWN	ASPE AMERICAN SOCIETY OF PLUMBING ENGINEERS
ISOLATION / SHUT-OFF VALVE	ASSE AMERICAN SOCIETY OF SANITATION ENGINEERS
BALL VALVE	AWWA AMERICAN WATER WORKS ASSOCIATION
GATE VALVE	BFF BELOW FINISHED FLOOR
PRESSURE REDUCING VALVE	BFP BACKFLOW PREVENTER
SOLENOID VALVE	BOP BOTTOM OF PIPE
CHECK VALVE	BTU BRITISH THERMAL UNIT
BALANCING VALVE	CDA COPPER DEVELOPMENT ASSOCIATION
BACKFLOW PREVENTER	CFH CUBIC FEET PER HOUR
STRAINER	CFM CUBIC FEET PER MINUTE
UNION	CI CAST IRON
WALL HYDRANT	CISPI CAST IRON SOIL PIPE INSTITUTE
PIPE CAP	CO CLEANOUT
FLOW INDICATOR	CTE CONNECT TO EXISTING
REDUCER	CWFU COLD WATER FIXTURE UNIT
T&P VALVE	DFU DRAINAGE FIXTURE UNIT
	DI DUCTILE IRON
	DN DOWN
	EC ELECTRICAL CONTRACTOR
	ECO EXTERIOR CLEANOUT
	ELEV ELEVATION
	E OR EX EXISTING
	°F DEGREES FAHRENHEIT
	FCO FLOOR CLEANOUT
	FD FLOOR DRAIN
	FGI FACILITY GUIDELINES INSTITUTE
	FLA FULL LOAD AMPS
	FOG FATS, OIL, AND GREASE
	FPM FEET PER MINUTE
	FPS FEET PER SECOND
	FS FLOOR SINK
	FT OR ' FOOT OR FEET
	FT FLUSH TANK
	FV FLUSH VALVE
	GAL GALLON(S)
	GPD GALLONS PER DAY
	GPF GALLONS PER FLUSH
	GPH GALLONS PER HOUR
	GPM GALLONS PER MINUTE
	GW&T GREASE WASTE AND TRAP
	HB HOSE BIBB
	HD HUB DRAIN
	HP HORSE POWER
	HWFU HOT WATER FIXTURE UNIT
	Hz HERTZ
	IN OR " INCH OR INCHES
	INV INVERT
	ISEA INTERNATIONAL SAFETY EQUIPMENT ASSOCIATION
	IW INDIRECT WASTE
	IW&T INDIRECT WASTE & TRAP
	KW KILOWATT
	LOR LIMIT OF REMOVAL
	LP PROPANE
	LRA LOCKED ROTOR AMPS
	MBH THOUSAND BRITISH THERMAL UNITS
	MAX MAXIMUM
	MIN MINIMUM
	MSS MANUFACTURER'S STANDARDIZATION SOCIETY
	NC NORMALLY CLOSED
	NFWH NON-FREEZE WALL HYDRANT
	NIC NOT IN CONTRACT
	NO NORMALLY OPEN
	NSF NATIONAL SANITATION FOUNDATION
	NTS NOT TO SCALE
	OSY OUTSIDE SCREW AND YOKE
	PC PLUMBING CONTRACTOR
	PDI PLUMBING & DRAINAGE INSTITUTE
	PPI PLASTIC PIPE INSTITUTE
	PRV PRESSURE REDUCING VALVE
	RD ROOF DRAIN
	RPM REVOLUTIONS PER MINUTE
	RPZ REDUCED PRESSURE ZONE
	SCFM STANDARD CUBIC FEET PER MINUTE
	SCFH STANDARD CUBIC FEET PER HOUR
	SCHED SCHEDULE
	SG SPECIFIC GRAVITY
	S/S STAINLESS STEEL
	SQFT SQUARE FEET
	TD TRENCH DRAIN
	TDH TOTAL DYNAMIC HEAD
	TMV THERMOSTATIC MIXING VALVE
	TOP TOP OF PIPE
	TP TRAP PRIMER
	TYP TYPICAL
	UL UNDERWRITERS LABORATORY
	V VOLTS
	VB VACUUM BREAKER
	VIV VALVE IN VERTICAL
	VTR VENT THRU ROOF
	W WASTE
	W/ WITH
	W&T WASTE AND TRAP
	WC WATER COLUMN
	WCO WALL CLEANOUT
	WH WALL HYDRANT
	WHA WATER HAMMER ARRESTER
	WSFU WATER SUPPLY FIXTURE UNIT

(NOT ALL SYMBOLS ARE USED)

HVAC SYMBOLS AND CONVENTIONS

SYMBOL	DESCRIPTION
	TURNING VANES
	MANUAL VOLUME DAMPER
FD	FIRE DAMPER
FSD	FIRE/SMOKE DAMPER
SD	SMOKE DETECTOR
M	MOTOR OPERATED DAMPER
T	DUCTWORK TEMPERATURE SENSOR
H	DUCTWORK HUMIDITY SENSOR
SP	DUCTWORK STATIC PRESSURE SENSOR
	SUPPLY DUCT (UP/DOWN)
	RETURN DUCT (UP/DOWN)
	EXHAUST DUCT (UP/DOWN)
	FLEX DUCT
H	HUMIDISTAT/HUMIDITY SENSOR
T	THERMOSTAT
S	SPACE TEMPERATURE SENSOR
C	CARBON DIOXIDE SENSOR
UCD	UNDERCUT DOOR
	RETURN / EXHAUST AIRFLOW DIRECTION
	SUPPLY AIRFLOW DIRECTION
DP	PIPING DIFFERENTIAL PRESSURE SENSOR
	POINT OF CONNECTION NEW TO EXISTING
	SUPPLY DIFFUSER
	RETURN DIFFUSER
	EXHAUST DIFFUSER
	LINEAR SLOT DIFFUSER
	REMOVE TO POINT AND CAP
	REMOVE TO POINT FOR RECONNECTION
	UNION
	PIPE BRANCH TAKE-OFF FROM BOTTOM
	PIPE BRANCH TAKE-OFF FROM TOP
	PIPE DROP
	PIPE RISE
CD	AC CONDENSATE DRAIN PIPING

EQUIPMENT TAGGING LEGEND

EQUIPMENT DESIGNATION	TAGGING DESCRIPTION
AIR DEVICES - S,R,E,T	EQUIPMENT DESIGNATION TYPE X-X XXX CFM
EQUIPMENT DESIGNATION - AHU, AC, GF, RTU, VAV, EDH, EUH, GUH, PTAC	EQUIPMENT DESIGNATION XXX-X PLAN DESIGNATION
VFD	SERVICING EQUIPMENT MARK VFD-XX-XXXX SPECIFIC COMPONENT DESIGNATION

AIR SYSTEM SPECIFIC ABBREVIATIONS

AC	AIR CONDITIONING	HWS	HOT WATER SUPPLY
ACC	AIR COOLED CONDENSER	HWR	HOT WATER RETURN
ACCU	AIR COOLED CONDENSATING UNIT	IDU	INDOOR UNIT
ACD	AUTOMATIC CONTROL DAMPER	IH	INTAKE HOOD
ACU	AIR CONDITIONING UNIT	LAT	LEAVING AIR TEMPERATURE
AHU	AIR HANDLING UNIT	LUVR	LOUVER
ALD	ACOUSTICALLY LINED DUCT	LUVD	LOUVERED DOOR
ATD	AIR TERMINAL DEVICE	MU	MAKE-UP WATER ASSEMBLY
BDD	BACKDRAFT DAMPER	OA	OUTSIDE AIR
CA	COMBUSTION AIR	OAI	OUTSIDE AIR INTAKE
CC	COOLING COIL	OBD	OPPOSED BLADE DAMPER
CD	CEILING DIFFUSER	ODU	OUTDOOR UNIT
CFM	CUBIC FEET PER MINUTE	OED	OPENED END DUCT
CG	CEILING GRILLE	(R)	RELOCATED
CHWR	CHILLED WATER RETURN	RA	RETURN AIR
CHWS	CHILLED WATER SUPPLY	RD	REFRIGERANT DISCHARGE
DIFF	DIFFUSER	RF	RETURN FAN
DX	DIRECT EXPANSION	RG	RETURN GRILLE
(E)	EXISTING	RL	REFRIGERANT LIQUID
EDH	ELECTRIC DUCT HEATER	RLF	RELIEF
EF	EXHAUST FAN	RR	RETURN REGISTER
EG	EXHAUST GRILLE	RS	REFRIGERANT SUCTION
ER	EXHAUST REGISTER	RTU	ROOFTOP UNIT
ERHC	ELECTRIC REHEAT COIL	SA	SUPPLY AIR
ESP	EXTERNAL STATIC PRESSURE	SD	SMOKE DETECTOR
EUH	ELECTRIC UNIT HEATER	SD	SMOKE DAMPER
F	FAN	SF	SUPPLY FAN
FA	FREE AREA	SG	SUPPLY GRILLE
FC	FORWARD CURVE	SGD	SLIDE GATE DAMPER
FCU	FAN COIL UNIT	SM	SHEET METAL
FD	FIRE DAMPER (W/ACCESS DOOR)	SP	STATIC PRESSURE
FLTR	FILTER	SR	SUPPLY REGISTER
FO	FLAT OVAL	TE	TOILET EXHAUST
FPI	FINS PER INCH	TF	TRANSFER FAN
FSD	FIRE SMOKE DAMPER	TG	TRANSFER GRILLE
GDH	GAS DUCT HEATER	TR	TRANSFER
GE	GENERAL EXHAUST	TSP	TOTAL STATIC PRESSURE
GF	GAS FURNACE	UC	UNDERCUT DOOR
GH	GRAVITY HOOD	VAV	VARIABLE AIR VOLUME
GUH	GAS UNIT HEATER	VD	VOLUME DAMPER
HC	HEATING COIL	VFD	VARIABLE FREQUENCY DRIVE
HRU	HEAT RECOVERY UNIT	WMS	WIRE MESH SCREEN
HV	HEATING AND VENTILATING UNIT		

GENERAL MECHANICAL NOTES

1. WORK SHALL CONFORM TO ALL CURRENT CODES AND AUTHORITY HAVING JURISDICTION.
2. PROVIDE A WRITTEN GUARANTEE THAT SHALL WARRANT ALL WORKMANSHIP AND MATERIALS FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE BY THE OWNER. ANY BREAKDOWN OCCURRING IN THE FIRST YEAR SHALL BE AT NO EXPENSE TO THE OWNER. ALL REFRIGERATION COMPRESSORS SHALL HAVE A 5 YEAR (PARTS ONLY) WARRANTY.
3. DRAWINGS ARE SCHEMATIC, NOT ALL RISES AND DROPS ARE SHOWN. TRADES ARE TO COORDINATE THEIR WORK WITH ALL OTHER TRADES TO AVOID CONFLICTS. GENERALLY, DUCTWORK SHALL BE KEPT AS HIGH AS POSSIBLE.
4. COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL DRAWINGS PRIOR TO ORDERING EQUIPMENT OR SUBMITTING SHOP DRAWINGS. FURNISH EQUIPMENT WIRED FOR VOLTAGES SHOWN THEREIN.
5. COORDINATE THE INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, ETC. TO FIT WITHIN THE SPACE ALLOWED BY THE ARCHITECTURAL AND STRUCTURAL CONDITIONS. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE STRUCTURAL ENGINEER OF RECORD.
6. KEEP A SET OF MARKED UP PRINTS WITH ANY FIELD CHANGES MADE DURING CONSTRUCTION TO CREATE AN "AS-BUILT" SET OF PRINTS TO BE TURNED OVER TO THE OWNER AT THE COMPLETION OF THE PROJECT.
7. PROVIDE ACCESS PANELS IN CEILINGS AND WALLS TO ALLOW ACCESS TO VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC. MINIMUM ACCESS SIZE SHALL BE 12"X12", UNLESS LIMITED BY PHYSICAL CONSTRAINTS.
8. MECHANICAL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
9. OUTSIDE AIR INTAKES FOR AIR CONDITIONING UNITS SHALL BE A MINIMUM OF 10 FEET FROM EXHAUST FANS, EXHAUST OPENINGS AND PLUMBING VENTS.
10. ALL DUCT DIMENSIONS SHOWN ARE INSIDE CLEAR DIMENSIONS.
11. SUPPORT DUCTWORK FROM BUILDING STRUCTURE IN ACCORDANCE WITH SMACNA STANDARDS.
12. ANY ADDITIONAL/SUPPLEMENTAL STEEL MEMBERS REQUIRED TO SUPPORT DUCTWORK OR EQUIPMENT FROM MAIN STRUCTURE SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.
13. DUCTWORK ELBOWS SHALL BE RADIUSED ELBOWS WHERE PRACTICAL. RADIUSED DUCTWORK ELBOWS SHALL HAVE A CENTERLINE RADIUS OF 1.5 TIMES THE DUCT WIDTH (OR DIAMETER) UNLESS NOTED OTHERWISE.
14. ALL MITERED ELBOWS (RECTANGULAR AND ROUND) SHALL HAVE SINGLE THICKNESS TURNING VANES INSTALLED UNLESS NOTED OTHERWISE ON DRAWINGS.
15. DUCT CONNECTIONS TO FANS AND OTHER AIR DISTRIBUTION EQUIPMENT SHALL BE MADE USING MECHANICAL FASTENERS WITH SEALS, MASTICS OR GASKETS.
16. ALL DUCT INSULATION SHALL MEET THE MINIMUM REQUIREMENTS OF U.L. 181 FOR FLAME SPREAD AND SMOKE DEVELOPMENT, AND SHALL BE U.L. LISTED.
17. TRANSFER DUCTS SHALL BE INTERNALLY LINED TO AID IN CANCELING NOISE TRANSFER.
18. COORDINATE LOCATIONS OF GRILLES, REGISTERS AND DIFFUSERS WITH ARCHITECTURAL REFLECTED CEILING PLAN. LOCATIONS SHOWN ARE APPROXIMATE, ADJUST LOCATIONS IN THE FIELD AS REQUIRED BY CONSTRUCTION CONSTRAINTS.
19. PROVIDE EACH SUPPLY AIR OUTLET OR DIFFUSER WITH ITS OWN BALANCING DEVICE. DEVICES CAN BE LOCATED IN DUCTWORK OR SUPPLY AIR DEVICE ITSELF.
20. ALL MANUAL BALANCING DAMPERS SHALL HAVE FRAME AND BEARINGS, A CONTINUOUS SHAFT, AND A LOCKING QUADRANT WITH THREAD SCREW.
21. PROVIDE FIRE, FIRE/SMOKE, AND SMOKE DAMPERS WHERE DUCTS PENETRATE RATED ASSEMBLIES AS SHOWN ON PLANS, REQUIRED BY THE LATEST LOCALLY ADOPTED BUILDING CODES, AND WHERE REQUIRED BY THE AUTHORITY HAVING JURISDICTION. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT RATING TYPE AND LOCATION OF RATED ASSEMBLIES. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO BID.
22. PROVIDE FIRE STOPPING AS REQUIRED BY THE BUILDING CODE AROUND PIPES THAT PENETRATE RATED ASSEMBLIES AND AROUND DUCTS THAT ARE NOT PROTECTED WITH FIRE DAMPERS.
23. PROVIDE CONTROLS, CONTROL WIRING, CONTROL WIRING TERMINATION, AND RACEWAYS FOR ALL MECHANICAL SYSTEMS.
24. INSTALL TOP OF THERMOSTATS AT 4'-0" ABOVE FINISHED FLOOR (AFF) UNLESS NOTED OTHERWISE. THERMOSTAT LOCATIONS SHALL BE COORDINATED WITH FINAL LOCATIONS OF WALL-MOUNTED ARCHITECTURAL AND ELECTRICAL EQUIPMENT. FINAL LOCATIONS MUST BE APPROVED BY THE ARCHITECT AND OWNER. THERMOSTATS SHALL NOT BE INSTALLED ON EXTERIOR WALLS IF INTERIOR WALLS ARE AVAILABLE WITHIN SPACE SERVED BY THERMOSTAT. SHOULD THE THERMOSTAT REQUIRE INSTALLATION ON AN EXTERIOR WALL AN INSULATED BACKING PLATE MUST BE PROVIDED TO PREVENT FALSE READINGS BY THE THERMOSTAT.
25. MECHANICAL CONTRACTOR SHALL PROVIDE A COMPLETE TEST AND BALANCE REPORT OF THE HVAC SYSTEMS TO INCLUDE OUTDOOR AIR TEMPERATURE AT TIME OF TESTING; ENTERING AIR TEMPERATURE AND LEAVING AIR TEMPERATURE AT THE COIL(S); AIR TEMPERATURE AT ONE SUPPLY AIR DIFFUSER AND RETURN AIR GRILLE IN EACH ZONE, AND SPACE TEMPERATURE FOR EACH SYSTEM. A COPY OF THE TEST AND BALANCE REPORT SHALL BE TRANSMITTED TO THE OWNER AND ENGINEER AND TO THE LOCAL CODE OFFICIALS AS REQUIRED.

SOUTH CAROLINA — DEVITA & ASSOCIATES, INC. — No. C00415 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — No. 16805 — REGISTERED PROFESSIONAL ENGINEER

SEALS

DEVITA Engineering Great Ideas

ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

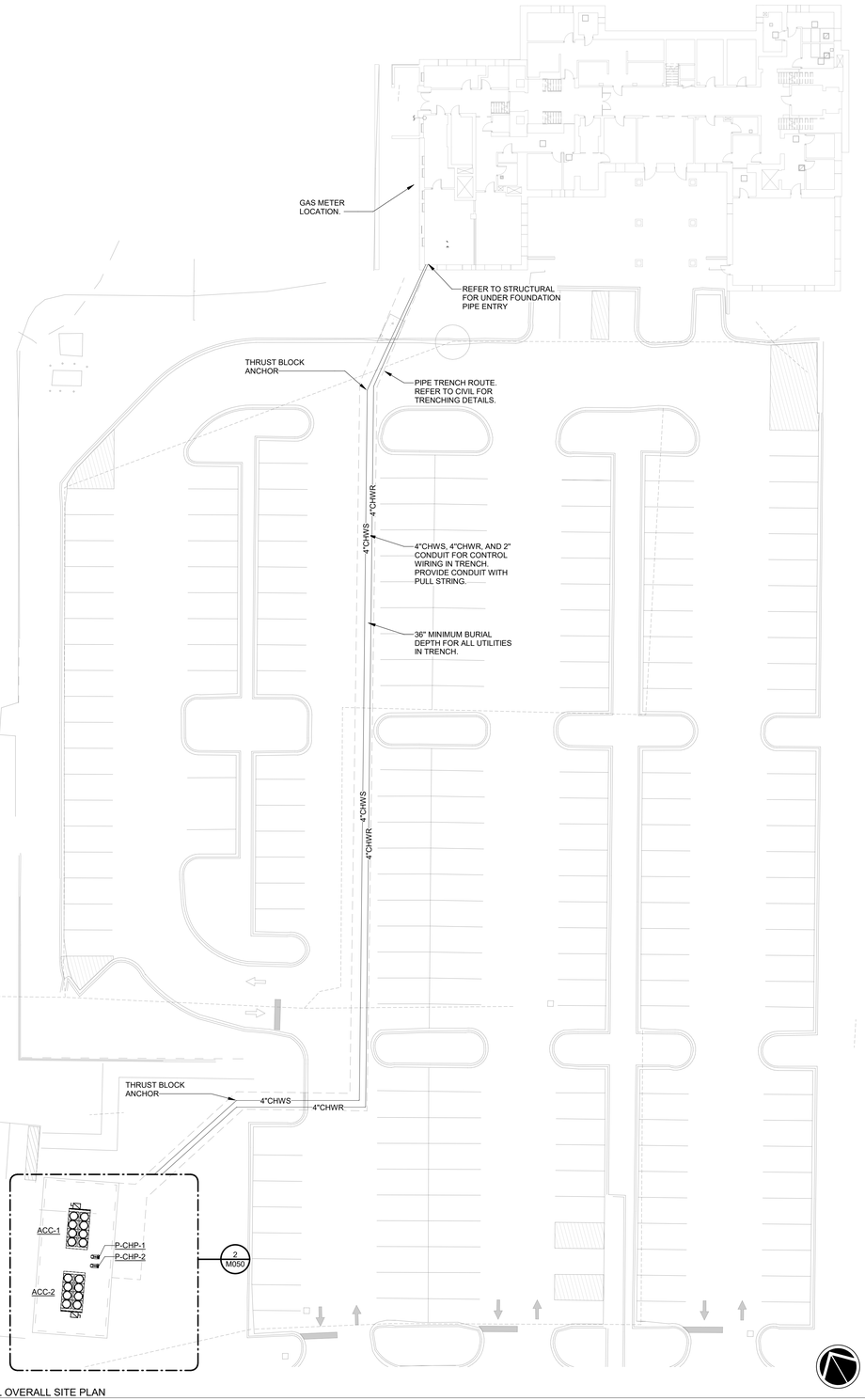
NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL LEGEND AND NOTES

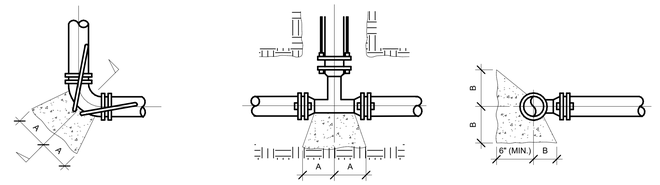
DRAWING NO.
M001

Drawn By: WJS Checked By: MAR

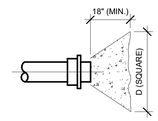
0" 1" 2" 3" 4"
(BAR GRAPHIC IS 4" AT FULL SCALE)



1 M050 MECHANICAL OVERALL SITE PLAN
1" = 20'-0"



THRUST BLOCKS									
CAST IRON, DUCTILE & CARBON STEEL PIPE									
SIZE	1/4 BENDS		1/8 BENDS		1/16 BENDS		TEES		PLUGS
	A	B	A	B	A	B	A	B	D
4" - 6"	16"	10"	8"	10"	6"	7"	11"	10"	21"
8"	22"	12"	11"	13"	8"	9"	15"	13"	28"
10"	28"	15"	14"	16"	10"	12"	20"	15"	34"



NOTES:
1. ALL BEARING SURFACES TO BE CARRIED TO UNDISTURBED GROUND.
2. ALL MAINS TO HAVE THRUST BLOCKS AT ALL ELBOWS, TEES, VALVES & PLUGS.
3. THRUST BLOCK DESIGN BASED ON:
   SOIL RESISTANCE = 2000# / SQFT MIN
   LINE PRESSURE = 200 PSI.
4. ADJUST THRUST BLOCK SIZES BASED ON ACTUAL PROJECT SOIL RESISTANCE.

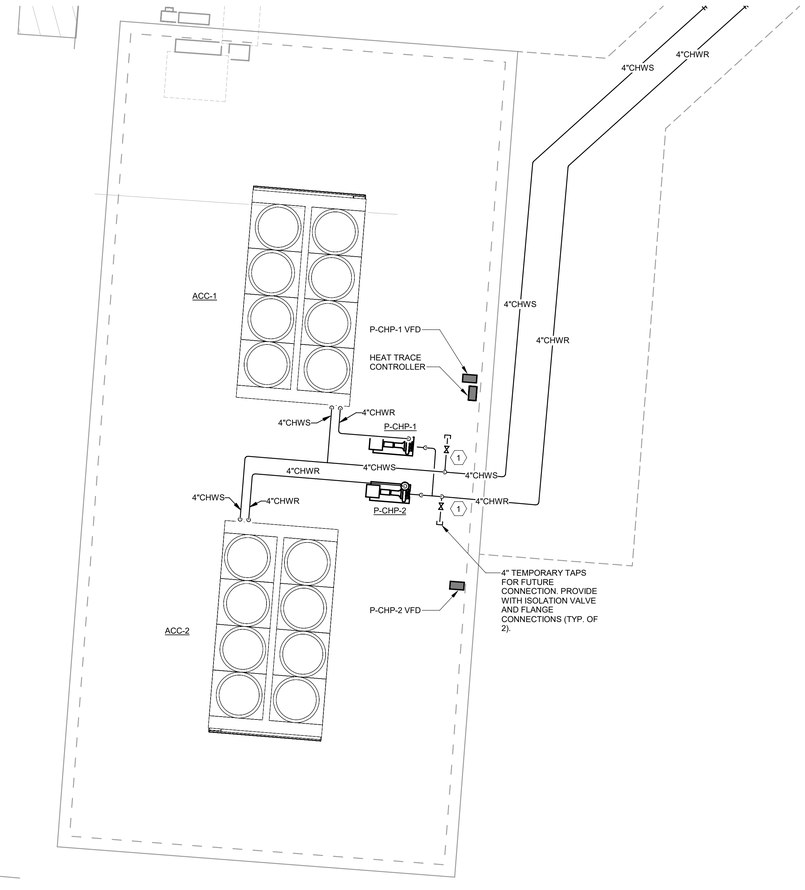
3 M050 UNDERGROUND THRUST BLOCK DETAILS
NOT TO SCALE

GENERAL NOTES:

A. INSTALL BOTTOM OF PIPE AT 7'-6" TO MAINTAIN CLEAR FLOOR SPACE FOR MAINTENANCE.

PLAN NOTES: (#)

1. PROVIDE 5W/FT HEAT TRACE FOR ALL EXTERIOR CHWS & CHWR PIPING.



2 M050 MECHANICAL ENLARGED CHILLER YARD PLAN
1/4" = 1'-0"

S.O.U.T.H. C.A.R.O.L.I.N.A.
DEVITA & ASSOCIATES, INC.
No. C00415
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
No. 16805
REGISTERED PROFESSIONAL ENGINEER
MICHAEL A. ROSETTO

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL SITE PLAN

DRAWING NO.
M050

Drawn By: WJS Checked By: MAR

(BAR GRAPHIC IS 4" AT FULL SCALE)
0" 1" 2" 3" 4"

GENERAL DEMOLITION NOTES:

A. ONLY DEMOLISH AND REMOVE EXISTING AIR HANDLERS AND ASSOCIATED OUTDOOR UNITS, DUCTWORK, PIPING, INSULATION, AIR TERMINALS, CONTROL WIRING, ETC. THE ENTIRE EXISTING VRF SYSTEM, INCLUDING ALL COMPONENTS, IS TO BE REMOVED. NOT ALL ITEMS EXISTING TO REMAIN ARE SHOWN. ANY ITEMS NOT ASSOCIATED WITH THE REPLACEMENT OF THE HVAC SYSTEMS OR NOTED TO BE DEMOLISHED, ARE EXISTING TO REMAIN. DO NOT DEMOLISH OR DISRUPT THE OPERATION OF ANY OTHER SYSTEMS SERVING THE BUILDING.

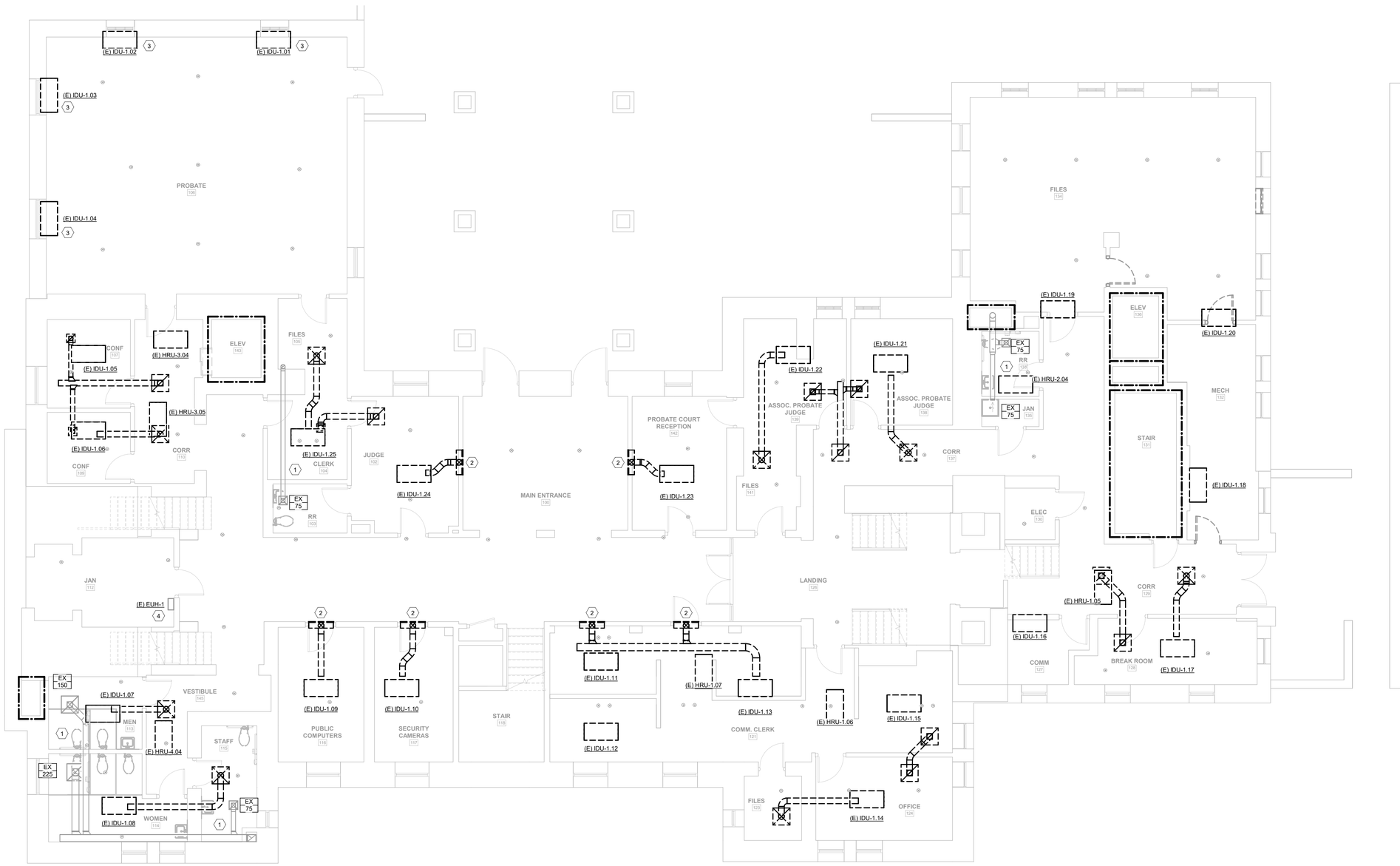
B. IF ANY OF THE EXISTING SYSTEMS TO REMAIN ARE IDENTIFIED TO BE IN NEED OF REPAIR, DOCUMENT AND NOTIFY DESIGNER THROUGH AN RFI FOR DISPOSITION.

C. ALL HVAC DUCTWORK, EQUIPMENT, AND DIFFUSERS TO REMAIN SHALL BE CLEANED IN ACCORDANCE WITH THE SPECIFICATIONS.

D. OWNER WILL REMOVE THE EXITING TEMPORARY HEATING COOLING AND DEHUMIDIFYING EQUIPMENT FROM THE FACILITY WHEN IT IS TURNED OVER TO THE CONTRACTOR. THE CONTRACTOR IS RESONSIBLE FOR PROVIDING TEMPORARY HEATING, COOLING AND DEHUMIDIFYING TO MAINTAIN CONDITIONS IN THE BUILDING UP UNTIL OWNER OCCUPANCY AT TEMPERATURE BETWEEN 55F AND 80F AND HUMIDITY BELOW 65%.

DEMOLITION PLAN NOTES: (#)

1. EXISTING EXHAUST IS EXISTING TO REMAIN.
2. EXISTING DIFFUSER TO REMAIN. PREPARE FOR RECONNECTION AS SHOWN ON NEW WORK PLAN. IF DIFFUSER IS NOT BEING REUSED CAP AND SEAL OPENING TO SEPARATE FROM PLENUM SPACE.
3. EXISTING WOOD HVAC COVERS ARE TO BE REMOVED, STORED AND PROTECTED, AND REINSTALLED OVER NEW HVAC EQUIPMENT. PHOTO DOCUMENT ANY DAMAGE TO UNITS PRIOR TO STARTING DEMOLITION.
4. EXISTING UNIT HEATER TO REMAIN.



1 / M101 MECHANICAL 1ST FLOOR DEMOLITION PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)
0" 1" 2" 3" 4"

SEALS

DEVITA & ASSOCIATES, INC. No. C00415 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA No. 16805 REGISTERED PROFESSIONAL ENGINEER

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL 1ST FLOOR DEMOLITION PLAN

DRAWING NO.
M101

Drawn By: WJS Checked By: MAR

GENERAL DEMOLITION NOTES:

A. ONLY DEMOLISH AND REMOVE EXISTING AIR HANDLERS AND ASSOCIATED OUTDOOR UNITS, DUCTWORK, PIPING, INSULATION, AIR TERMINALS, CONTROL WIRING, ETC. THE ENTIRE EXISTING VRF SYSTEM, INCLUDING ALL COMPONENTS, IS TO BE REMOVED. NOT ALL ITEMS EXISTING TO REMAIN ARE SHOWN. ANY ITEMS NOT ASSOCIATED WITH THE REPLACEMENT OF THE HVAC SYSTEMS OR NOTED TO BE DEMOLISHED, ARE EXISTING TO REMAIN. DO NOT DEMOLISH OR DISRUPT THE OPERATION OF ANY OTHER SYSTEMS SERVING THE BUILDING.

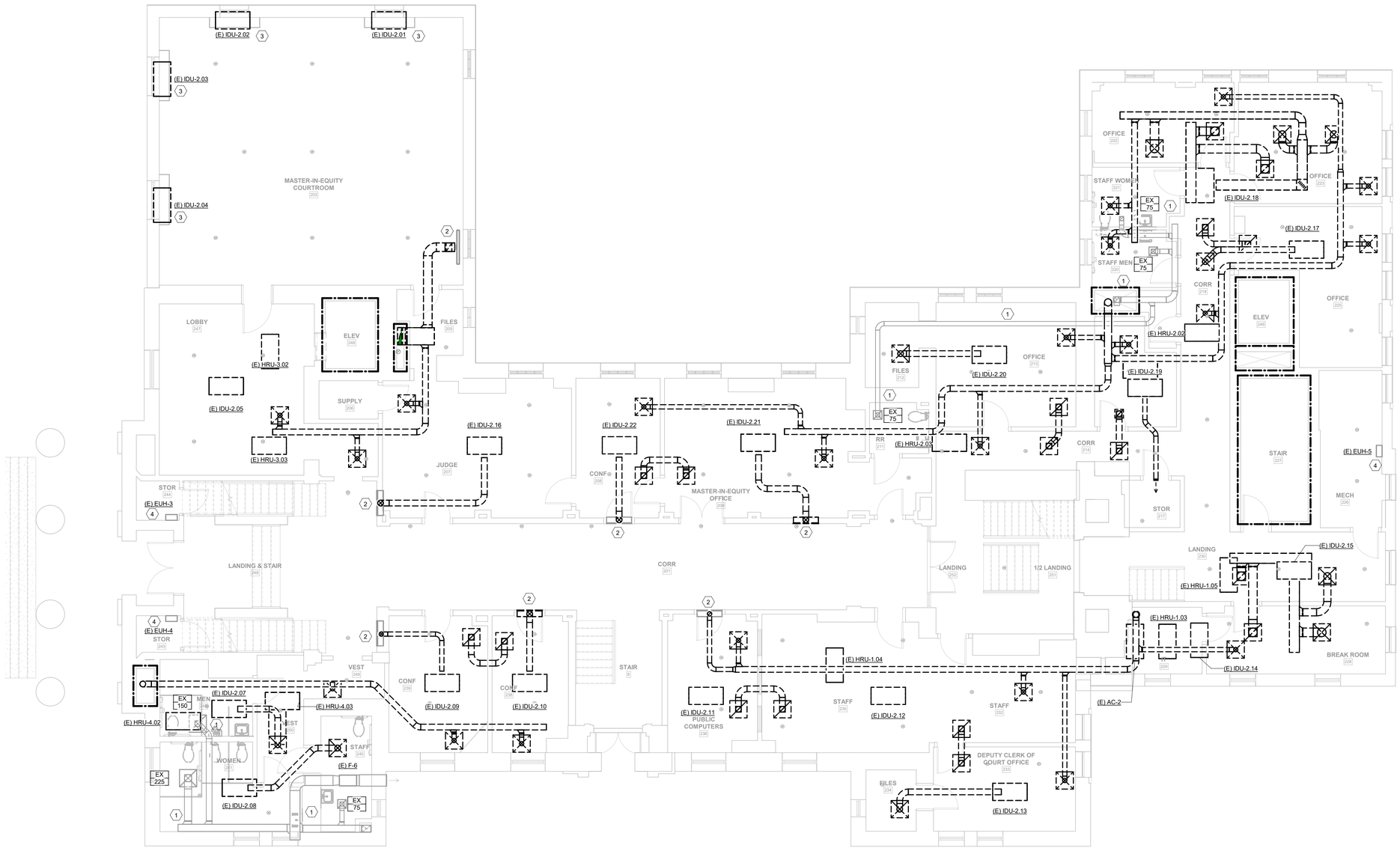
B. IF ANY OF THE EXISTING SYSTEMS TO REMAIN ARE IDENTIFIED TO BE IN NEED OF REPAIR, DOCUMENT AND NOTIFY DESIGNER THROUGH AN RFI FOR DISPOSITION.

C. ALL HVAC DUCTWORK, EQUIPMENT, AND DIFFUSERS TO REMAIN SHALL BE CLEANED IN ACCORDANCE WITH THE SPECIFICATIONS.

D. OWNER WILL REMOVE THE EXITING TEMPORARY HEATING COOLING AND DEHUMIDIFYING EQUIPMENT FROM THE FACILITY WHEN IT IS TURNED OVER TO THE CONTRACTOR. THE CONTRACTOR IS RESONSIBLE FOR PROVIDING TEMPORARY HEATING, COOLING AND DEHUMIDIFYING TO MAINTAIN CONDITIONS IN THE BUILDING UP UNTIL OWNER OCCUPANCY AT TEMPERATURE BETWEEN 55F AND 80F AND HUMIDITY BELOW 65%.

DEMOLITION PLAN NOTES: (#)

1. EXISTING EXHAUST IS EXISTING TO REMAIN.
2. EXISTING DIFFUSER TO REMAIN. PREPARE FOR RECONNECTION AS SHOWN ON NEW WORK PLAN. IF DIFFUSER IS NOT BEING REUSED CAP AND SEAL OPENING TO SEPARATE FROM PLENUM SPACE.
3. EXISTING WOOD HVAC COVERS ARE TO BE REMOVED, STORED AND PROTECTED, AND REINSTALLED OVER NEW HVAC EQUIPMENT. PHOTO DOCUMENT ANY DAMAGE TO UNITS PRIOR TO STARTING DEMOLITION.
4. EXISTING UNIT HEATER TO REMAIN.



1 / M102 MECHANICAL 2ND FLOOR DEMOLITION PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL 2ND FLOOR DEMOLITION PLAN

DRAWING NO.
M102

Drawn By: WJS Checked By: MAR

GENERAL DEMOLITION NOTES:

A. ONLY DEMOLISH AND REMOVE EXISTING AIR HANDLERS AND ASSOCIATED OUTDOOR UNITS, DUCTWORK, PIPING, INSULATION, AIR TERMINALS, CONTROL WIRING, ETC. THE ENTIRE EXISTING VRF SYSTEM, INCLUDING ALL COMPONENTS, IS TO BE REMOVED. NOT ALL ITEMS EXISTING TO REMAIN ARE SHOWN. ANY ITEMS NOT ASSOCIATED WITH THE REPLACEMENT OF THE HVAC SYSTEMS OR NOTED TO BE DEMOLISHED, ARE EXISTING TO REMAIN. DO NOT DEMOLISH OR DISRUPT THE OPERATION OF ANY OTHER SYSTEMS SERVING THE BUILDING.

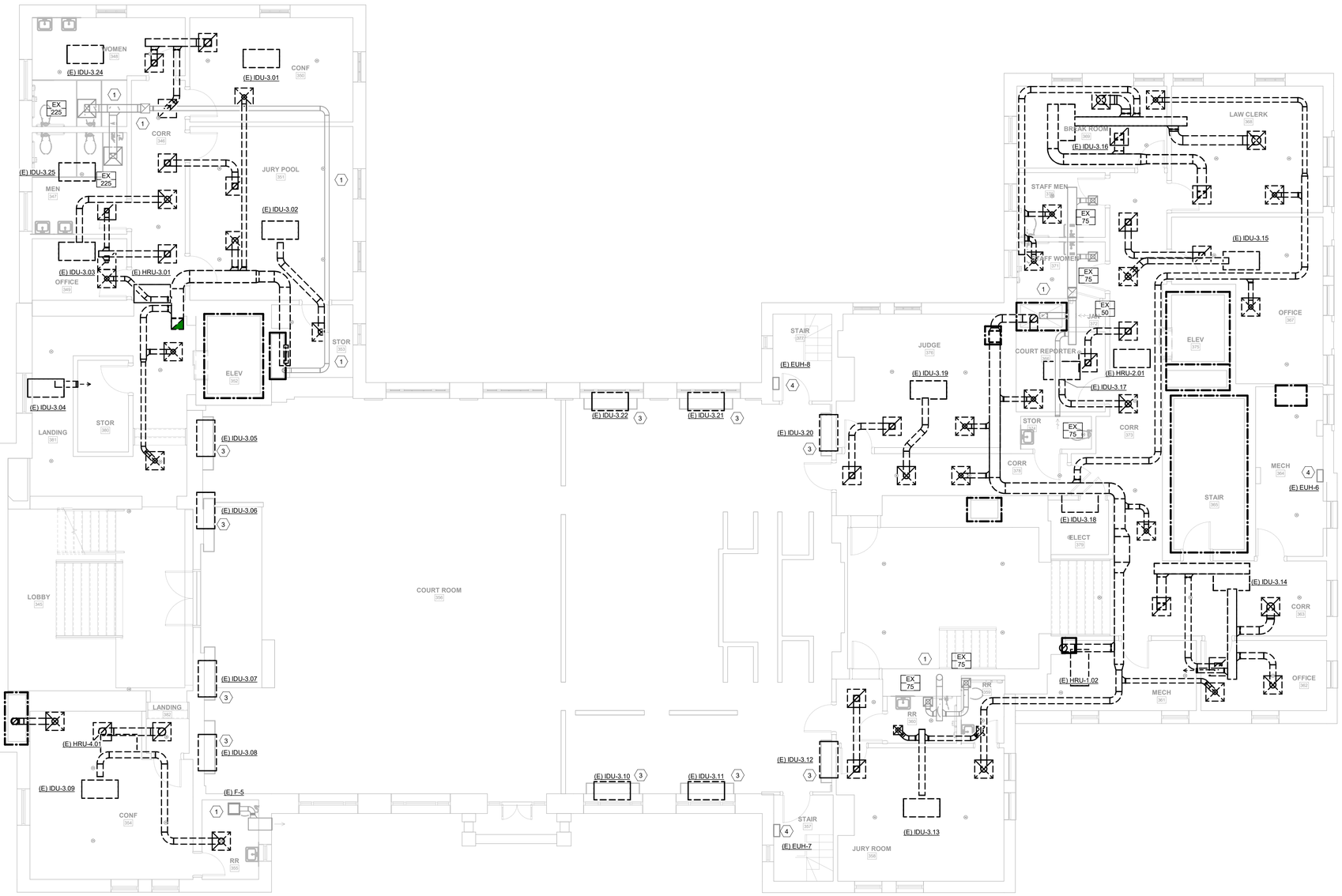
B. IF ANY OF THE EXISTING SYSTEMS TO REMAIN ARE IDENTIFIED TO BE IN NEED OF REPAIR, DOCUMENT AND NOTIFY DESIGNER THROUGH AN RFI FOR DISPOSITION.

C. ALL HVAC DUCTWORK, EQUIPMENT, AND DIFFUSERS TO REMAIN SHALL BE CLEANED IN ACCORDANCE WITH THE SPECIFICATIONS.

D. OWNER WILL REMOVE THE EXITING TEMPORARY HEATING COOLING AND DEHUMIDIFYING EQUIPMENT FROM THE FACILITY WHEN IT IS TURNED OVER TO THE CONTRACTOR. THE CONTRACTOR IS RESONSIBLE FOR PROVIDING TEMPORARY HEATING, COOLING AND DEHUMIDIFYING TO MAINTAIN CONDITIONS IN THE BUILDING UP UNTIL OWNER OCCUPANCY AT TEMPERATURE BETWEEN 55F AND 80F AND HUMIDITY BELOW 65%.

DEMOLITION PLAN NOTES: (#)

1. EXISTING EXHAUST IS EXISTING TO REMAIN.
2. EXISTING DIFFUSER TO REMAIN. PREPARE FOR RECONNECTION AS SHOWN ON NEW WORK PLAN. IF DIFFUSER IS NOT BEING REUSED CAP AND SEAL OPENING TO SEPARATE FROM PLENUM SPACE.
3. EXISTING WOOD HVAC COVERS ARE TO BE REMOVED, STORED AND PROTECTED, AND REINSTALLED OVER NEW HVAC EQUIPMENT. PHOTO DOCUMENT ANY DAMAGE TO UNITS PRIOR TO STARTING DEMOLITION.
4. EXISTING UNIT HEATER TO REMAIN.



1 M103 MECHANICAL 3RD FLOOR DEMOLITION PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL 3RD FLOOR DEMOLITION PLAN

DRAWING NO.
M103

Drawn By: WJS Checked By: MAR

GENERAL DEMOLITION NOTES:

A. ONLY DEMOLISH AND REMOVE EXISTING AIR HANDLERS AND ASSOCIATED OUTDOOR UNITS, DUCTWORK, PIPING, INSULATION, AIR TERMINALS, CONTROL WIRING, ETC. THE ENTIRE EXISTING VRF SYSTEM, INCLUDING ALL COMPONENTS, IS TO BE REMOVED. NOT ALL ITEMS EXISTING TO REMAIN ARE SHOWN. ANY ITEMS NOT ASSOCIATED WITH THE REPLACEMENT OF THE HVAC SYSTEMS OR NOTED TO BE DEMOLISHED, ARE EXISTING TO REMAIN. DO NOT DEMOLISH OR DISRUPT THE OPERATION OF ANY OTHER SYSTEMS SERVING THE BUILDING.

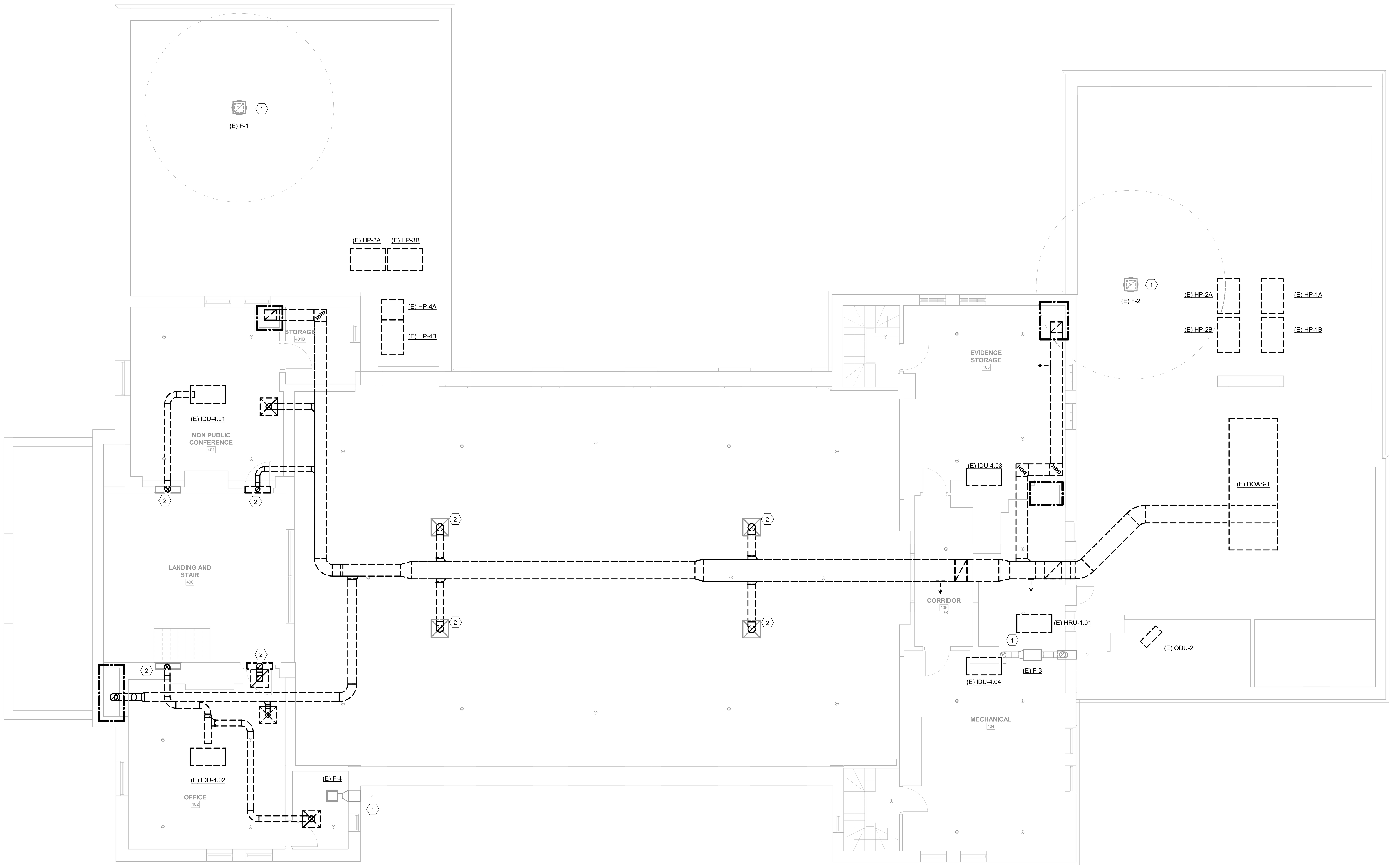
B. IF ANY OF THE EXISTING SYSTEMS TO REMAIN ARE IDENTIFIED TO BE IN NEED OF REPAIR, DOCUMENT AND NOTIFY DESIGNER THROUGH AN RFI FOR DISPOSITION.

C. ALL HVAC DUCTWORK, EQUIPMENT, AND DIFFUSERS TO REMAIN SHALL BE CLEANED IN ACCORDANCE WITH THE SPECIFICATIONS.

D. OWNER WILL REMOVE THE EXITING TEMPORARY HEATING COOLING AND DEHUMIDIFYING EQUIPMENT FROM THE FACILITY WHEN IT IS TURNED OVER TO THE CONTRACTOR. THE CONTRACTOR IS RESONSIBLE FOR PROVIDING TEMPORARY HEATING, COOLING AND DEHUMIDIFYING TO MAINTAIN CONDITIONS IN THE BUILDING UP UNTIL OWNER OCCUPANCY AT TEMPERATURE BETWEEN 55F AND 80F AND HUMIDITY BELOW 65%.

DEMOLITION PLAN NOTES:

1. EXISTING EXHAUST IS EXISTING TO REMAIN.
2. EXISTING DIFFUSER TO REMAIN. PREPARE FOR RECONNECTION AS SHOWN ON NEW WORK PLAN. IF DIFFUSER IS NOT BEING REUSED CAP AND SEAL OPENING TO SEPARATE FROM PLENUM SPACE.



1 M104 MECHANICAL 4TH FLOOR DEMOLITION PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

SOUTH CAROLINA DEVITA & ASSOCIATES, INC. No. C00415 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 16805 MICHAEL A. ROGERS

SEALS

DEVITA Engineering Great Ideas

ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

York County South Carolina

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL 4TH FLOOR DEMOLITION PLAN

DRAWING NO.
M104

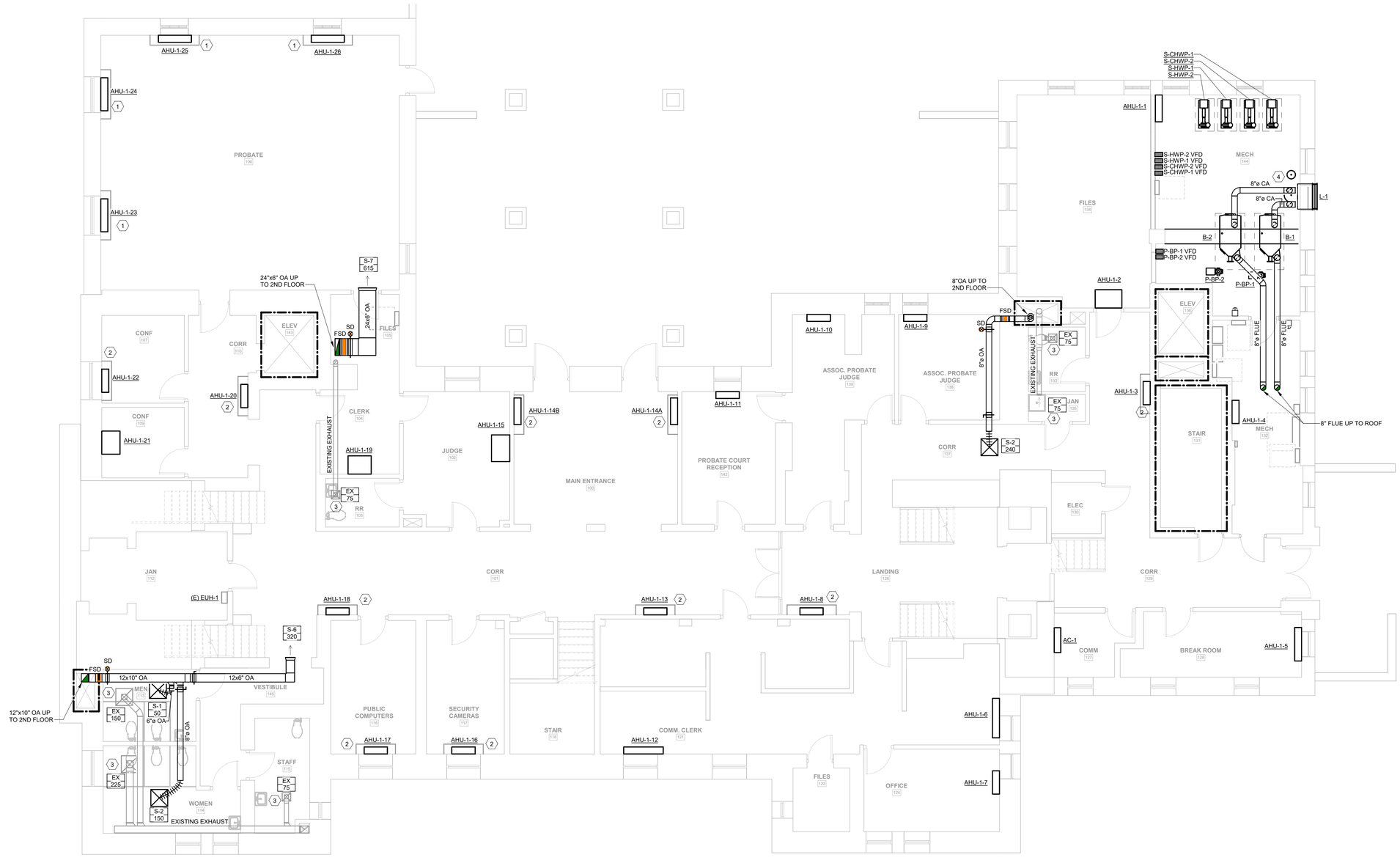
Drawn By: WJS Checked By: MAR

GENERAL NOTES:

A. OWNER WILL REMOVE THE EXITING TEMPORARY HEATING, COOLING AND DEHUMIDIFYING EQUIPMENT FROM THE FACILITY WHEN IT IS TURNED OVER TO THE CONTRACTOR. THE CONTRACTOR IS RESONSIBLE FOR PROVIDING TEMPORARY HEATING, COOLING AND DEHUMIDIFYING TO MAINTAIN CONDITIONS IN THE BUILDING UP UNTIL OWNER OCCUPANCY AT TEMPERATURE BETWEEN 55F AND 80F AND HUMIDITY BELOW 65%.

PLAN NOTES: (#)

1. NEW VERTICAL FAN COIL UNIT IS TO BE INSTALLED INSIDE OF EXISTING WOOD HVAC COVER. FIELD VERIFY INTERIOR DIMENSIONS OF CABINET FOR SPACE TO INSTALL NEW FAN COIL UNIT, ASSOCIATED VALVES, AND PIPING PRIOR TO ORDERING. IF NEW EQUIPMENT IS PURCHASED REQUIRING ADDITIONAL SPACE, NEW COVERS WILL BE REQUIRED.
2. NEW FAN COIL UNIT IS TO BE INSTALLED IN NEW WOOD HVAC COVER. COORDINATE THE INTERIOR DIMENSIONS REQUIRED FOR THE NEW FAN COIL UNIT, ASSOCIATED VALVES, AND PIPING WITH CASEWORK VENDOR. REFER TO ARCHITECTURAL CASEWORK DETAILS.
3. RE-BALANCE EXISTING EXHAUST TO INDICATED LEVEL.
4. PROVIDE 1" THICK INSULATED PLENUM 8" DEEP OVER ENTIRE LOUVER.



1 / M201 MECHANICAL 1ST FLOOR PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL 1ST FLOOR PLAN

DRAWING NO.
M201

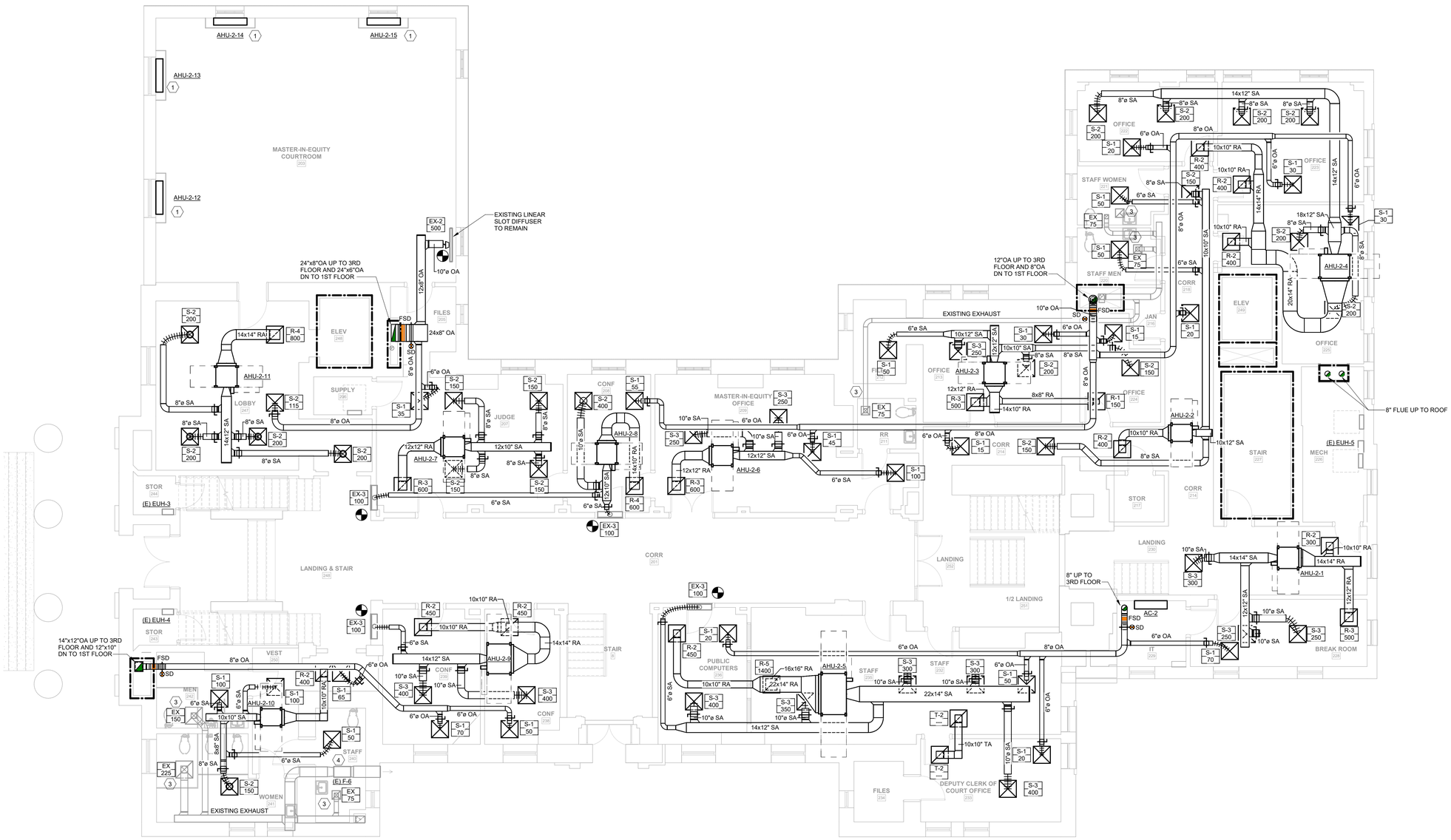
Drawn By: WJS Checked By: MAR

GENERAL NOTES:

A. OWNER WILL REMOVE THE EXITING TEMPORARY HEATING, COOLING AND DEHUMIDIFYING EQUIPMENT FROM THE FACILITY WHEN IT IS TURNED OVER TO THE CONTRACTOR. THE CONTRACTOR IS RESONSIBLE FOR PROVIDING TEMPORARY HEATING, COOLING AND DEHUMIDIFYING TO MAINTAIN CONDITIONS IN THE BUILDING UP UNTIL OWNER OCCUPANCY AT TEMPERATURE BETWEEN 55F AND 80F AND HUMIDITY BELOW 65%.

PLAN NOTES: (#)

1. NEW VERTICAL FAN COIL UNIT IS TO BE INSTALLED INSIDE OF EXISTING WOOD HVAC COVER. FIELD VERIFY INTERIOR DIMENSIONS OF CABINET FOR SPACE TO INSTALL NEW FAN COIL UNIT, ASSOCIATED VALVES, AND PIPING PRIOR TO ORDERING. IF NEW EQUIPMENT IS PURCHASED REQUIRING ADDITIONAL SPACE, NEW COVERS WILL BE REQUIRED.
2. NEW FAN COIL UNIT IS TO BE INSTALLED IN NEW WOOD HVAC COVER. COORDINATE THE INTERIOR DIMENSIONS REQUIRED FOR THE NEW FAN COIL UNIT, ASSOCIATED VALVES, AND PIPING WITH CASEWORK VENDOR. REFER TO ARCHITECTURAL CASEWORK DETAILS.
3. RE-BALANCE EXISTING EXHAUST TO INDICATED LEVEL.
4. RE-BALANCE EXISTING EXHAUST FAN TO PROVIDE INDICATED AIRFLOW. PROVIDE NEW FAN SHEAVE IF NEEDED.



1 / M202 MECHANICAL 2ND FLOOR PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

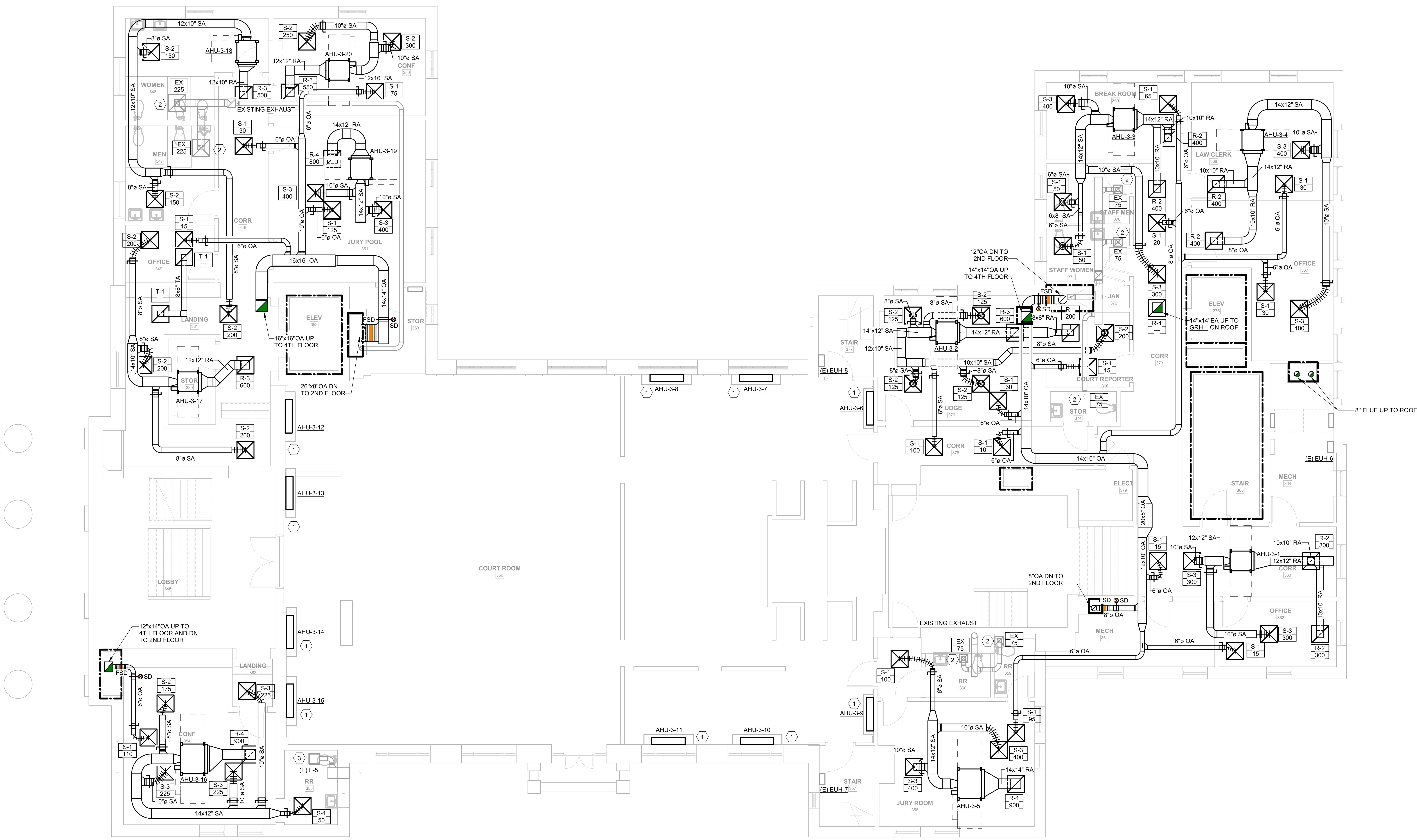
REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL 2ND FLOOR PLAN

DRAWING NO.
M202

Drawn By: WJS Checked By: MAR



1 MECHANICAL 3RD FLOOR PLAN
M203 3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

GENERAL NOTES:

A. OWNER WILL REMOVE THE EXITING TEMPORARY HEATING, COOLING AND DEHUMIDIFYING EQUIPMENT FROM THE FACILITY WHEN IT IS TURNED OVER TO THE CONTRACTOR. THE CONTRACTOR IS RESONSIBLE FOR PROVIDING TEMPORARY HEATING, COOLING AND DEHUMIDIFYING TO MAINTAIN CONDITIONS IN THE BUILDING UP UNTIL OWNER OCCUPANCY AT TEMPERATURE BETWEEN 55F AND 80F AND HUMIDITY BELOW 65%.

PLAN NOTES:

1. NEW VERTICAL FAN COIL UNIT IS TO BE INSTALLED INSIDE OF EXISTING WOOD HVAC COVER. FIELD VERIFY INTERIOR DIMENSIONS OF CABINET FOR SPACE TO INSTALL NEW FAN COIL UNIT, ASSOCIATED VALVES, AND PIPING PRIOR TO ORDERING. IF NEW EQUIPMENT IS PURCHASED REQUIRING ADDITIONAL SPACE, NEW COVERS WILL BE REQUIRED.
2. RE-BALANCE EXISTING EXHAUST TO INDICATED LEVEL.
3. RE-BALANCE EXISTING EXHAUST FAN TO PROVIDE INDICATED AIRFLOW. PROVIDE NEW FAN SHEAVE IF NEEDED.

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST, YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL 3RD FLOOR PLAN

DRAWING NO.
M203

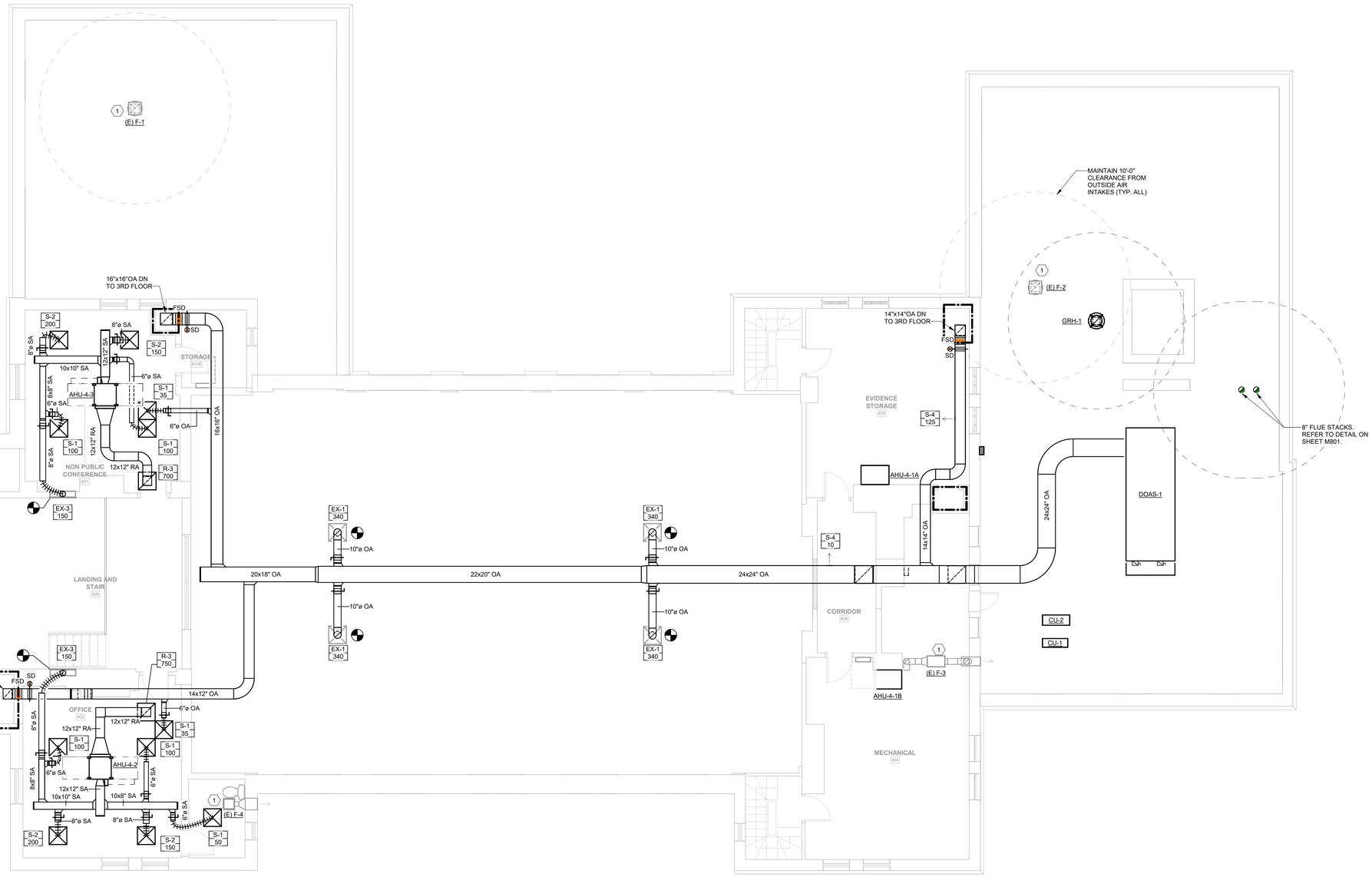
Drawn By: WJS Checked By: MAR

GENERAL NOTES:

A. OWNER WILL REMOVE THE EXITING TEMPORARY HEATING, COOLING AND DEHUMIDIFYING EQUIPMENT FROM THE FACILITY WHEN IT IS TURNED OVER TO THE CONTRACTOR. THE CONTRACTOR IS RESONSIBLE FOR PROVIDING TEMPORARY HEATING, COOLING AND DEHUMIDIFYING TO MAINTAIN CONDITIONS IN THE BUILDING UP UNTIL OWNER OCCUPANCY AT TEMPERATURE BETWEEN 55F AND 80F AND HUMIDITY BELOW 65%.

PLAN NOTES: (#)

1. RE-BALANCE EXISTING EXHAUST FAN TO PROVIDE INDICATED AIRFLOW. PROVIDE NEW FAN SHEAVE IF NEEDED.



1 M204 MECHANICAL 4TH FLOOR PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE) 0" 1" 2" 3" 4"

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

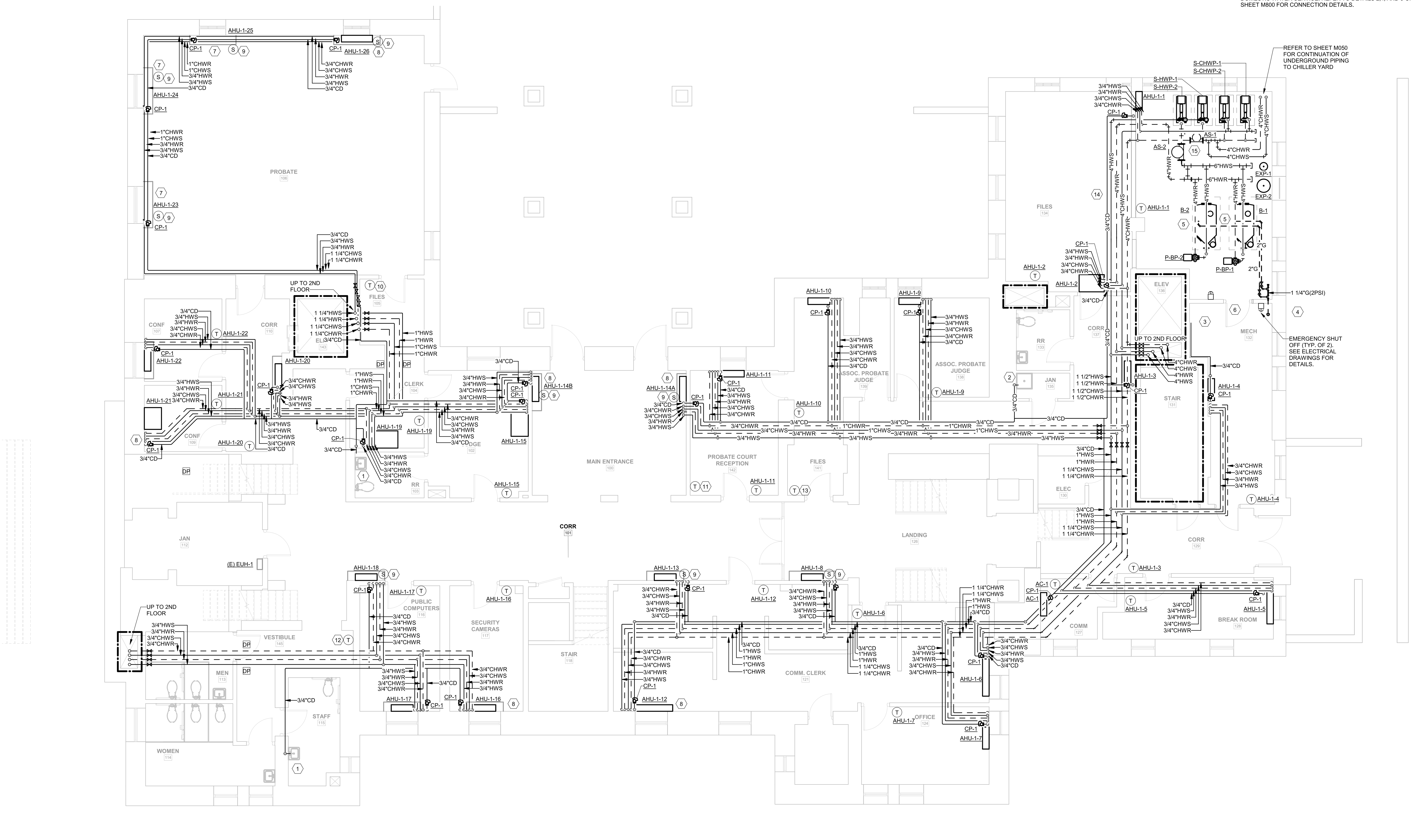
DRAWING NAME
MECHANICAL 4TH FLOOR PLAN

DRAWING NO.
M204

Drawn By: WJS Checked By: MAR

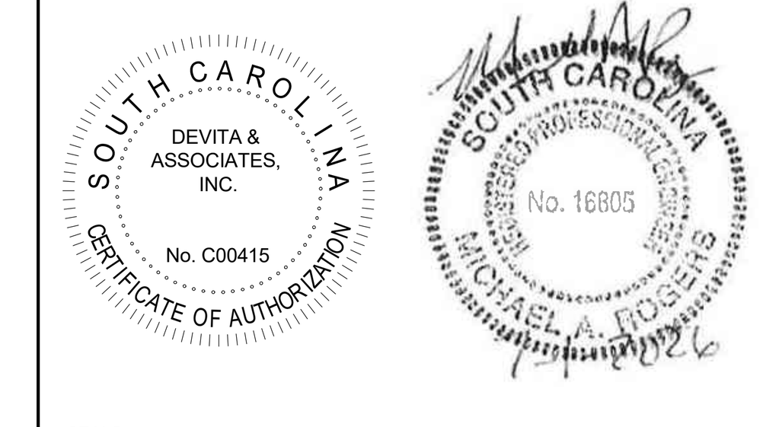
PLAN NOTES:

1. CONDENSATE ROUTED TO UTILITY BOX. REFER TO DETAIL 6 ON SHEET M800 FOR PIPE CONNECTION.
2. CONDENSATE ROUTED TO MOP SINK. PROVIDE WITH AIR GAP.
3. CONDENSATE ROUTED TO EXISTING FLOOR DRAIN. PROVIDE WITH AIR GAP.
4. NEW GAS METER LOCATION.
5. 2"G (1,500 CFH) TO BOILER. REFER TO MANUFACTURER INSTALLATION FOR CONNECTION.
6. RECONFIGURE EXISTING 2"CW MAIN TO ACCOMMODATE NEW BOILER FLUE DUCT INSTALLATION. EXISTING 2"CW TO REMAIN ABOVE DOOR BUT AT LOWER ELEVATION TO ALLOW NEW BOILER FLUE DUCT PATH.
7. CONNECT HOT WATER AND CHILLED WATER TO AHU PER DETAIL 1 ON SHEET M800.
8. CONNECT HOT WATER AND CHILLED WATER TO AHU PER DETAIL 3 ON SHEET M800.
9. RETURN-PATH MOUNTED TEMPERATURE SENSOR: TIE INTO MASTER THERMOSTAT FOR SETPOINT CONTROL.
10. MASTER THERMOSTAT (AVERAGING BETWEEN 4 UNITS IN PROBATE 106).
11. MASTER THERMOSTAT (AVERAGING BETWEEN 2 UNITS IN MAIN ENTRANCE 100).
12. MASTER THERMOSTAT (AVERAGING BETWEEN 2 UNITS IN CORRIDOR 101).
13. MASTER THERMOSTAT (FOR LANDING 126).
14. PROVIDE DRAIN PAN FOR HYDRONIC PIPING THROUGH FILES 134. DRAIN PAN TO DISPENSE ON FLOOR IN FRONT OF FILES 134 DOOR FOR EARLY SET LEAK DETECTION. PROVIDE WITH TAIL TAIL CONNECTION.
15. MAKEUP WATER ASSEMBLY TO CONNECT INTO EXISTING DOMESTIC WATER SERVICE. REFER TO DETAILS 2,4, AND 9 ON SHEET M800 FOR CONNECTION DETAILS.



1 MECHANICAL 1ST FLOOR PIPING PLAN
M301 3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)



SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST, YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

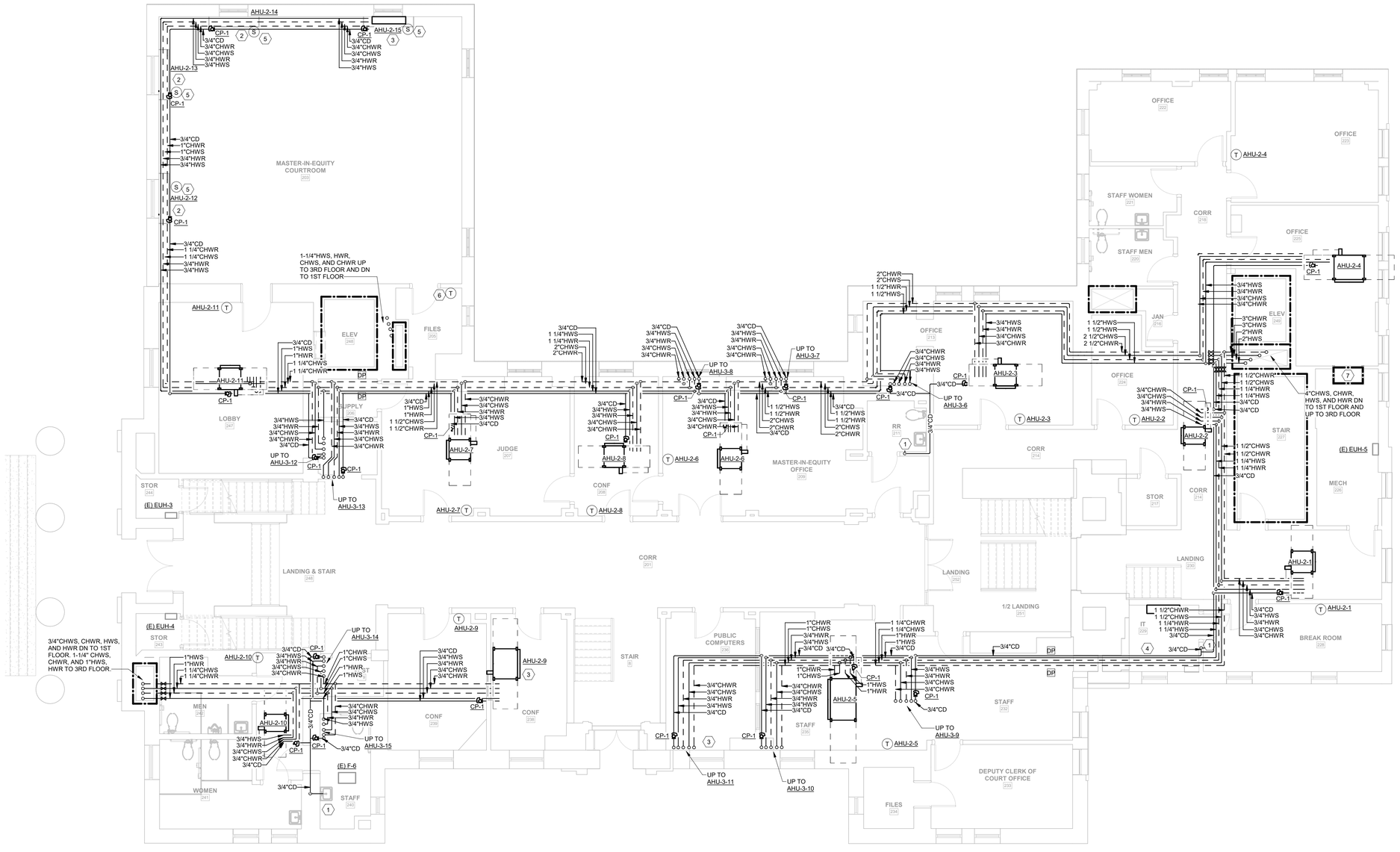
REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL 1ST FLOOR PIPING PLAN

DRAWING NO.
M301

Drawn By: WJS Checked By: MAR



1 M302 MECHANICAL 2ND FLOOR PIPING PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

PLAN NOTES: (#)

1. CONDENSATE ROUTED TO UTILITY BOX. REFER TO DETAIL 6 ON SHEET M800 FOR PIPE CONNECTION.
2. CONNECT HOT WATER AND CHILLED WATER TO AHU PER DETAIL 1 ON SHEET M800.
3. CONNECT HOT WATER AND CHILLED WATER TO AHU PER DETAIL 3 ON SHEET M800.
4. PROVIDE HYDRONIC PIPING THROUGH IT ROOM 229 WITH DRAIN PAN BELOW. DRAIN PAN TO DISPENSE ON FLOOR IN FRONT OF BREAK ROOM 228 ENTRANCE DOOR FOR EARLY SET LEAK DETECTION. PROVIDE WITH TELL-TALE CONNECTION.
5. RETURN-PATH MOUNTED TEMPERATURE SENSOR: TIE INTO MASTER THERMOSTAT FOR SETPOINT CONTROL.
6. MASTER THERMOSTAT (AVERAGING BETWEEN 4 UNITS IN MASTER-IN-EQUITY COURTROOM 203).
7. ALL EXISTING PIPING TO BE SEALED ACCORDING TO U.L. LISTED STANDARDS.

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

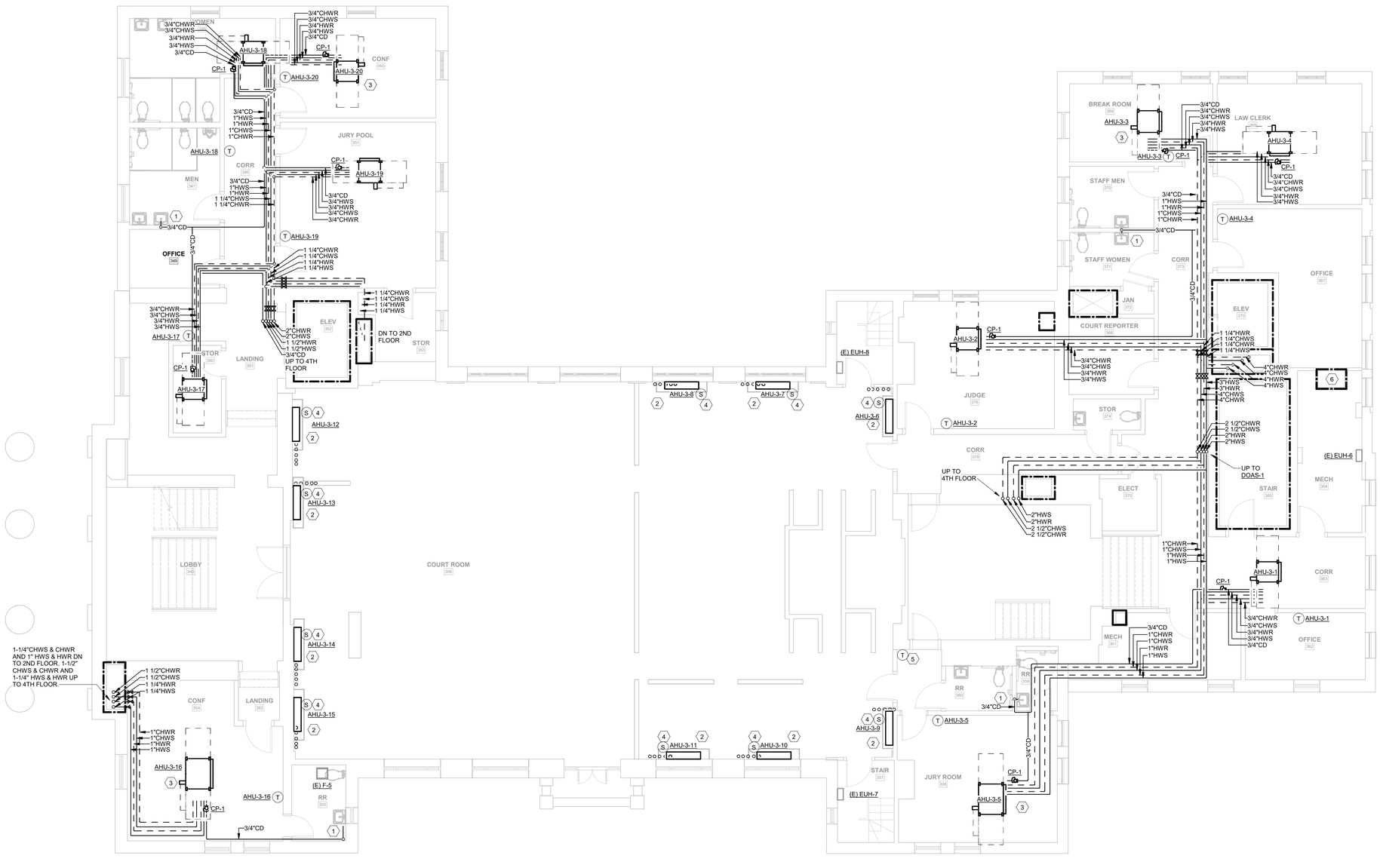
REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL 2ND FLOOR PIPING PLAN

DRAWING NO.
M302

Drawn By: WJS Checked By: MAR



1 M303 MECHANICAL 3RD FLOOR PIPING PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

PLAN NOTES: (#)

1. CONDENSATE ROUTED TO UTILITY BOX. REFER TO DETAIL 6 ON SHEET M800 FOR PIPE CONNECTION.
2. CONNECT HOT WATER AND CHILLED WATER COMING UP FROM FLOOR BELOW TO AHU PER DETAIL 1 ON SHEET M800.
3. CONNECT HOT WATER AND CHILLED WATER TO AHU PER DETAIL 3 ON SHEET M800.
4. RETURN-PATH MOUNTED TEMPERATURE SENSOR: TIE INTO MASTER THERMOSTAT FOR SETPOINT CONTROL.
5. MASTER THERMOSTAT (AVERAGING BETWEEN 4 UNITS IN COURTROOM 356).
6. ALL EXISTING PIPING TO BE SEALED ACCORDING TO U.L. LISTED STANDARDS.

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

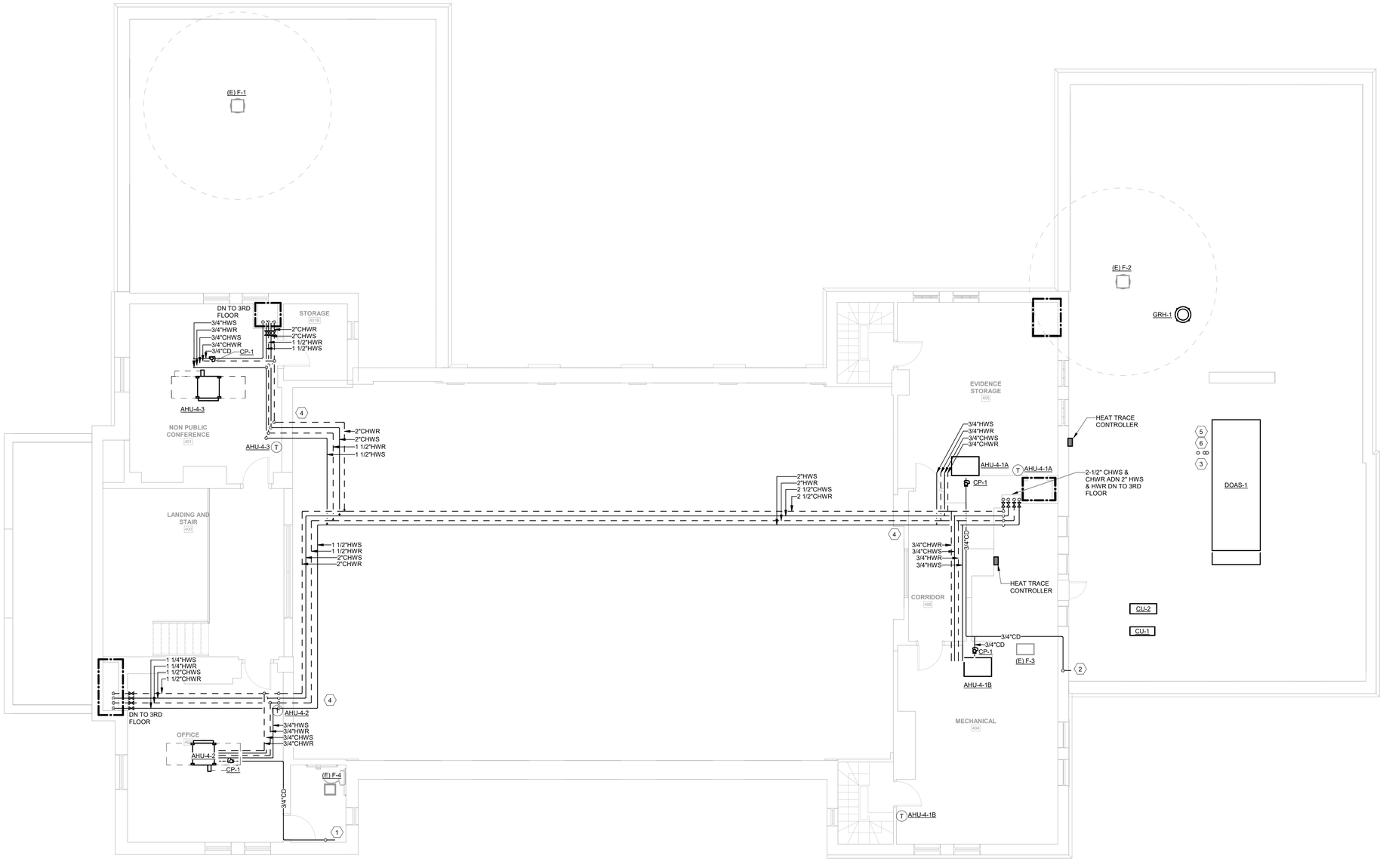
DRAWING NAME
MECHANICAL 3RD FLOOR PIPING PLAN

DRAWING NO.
M303

Drawn By: WJS Checked By: MAR

PLAN NOTES: (#)

1. CONDENSATE ROUTED TO UTILITY BOX. REFER TO DETAIL 6 ON SHEET M800 FOR PIPE CONNECTION.
2. CONDENSATE ROUTED TO EXISTING ROOF SPLASH BLOCK. PROVIDE WITH AIR GAP.
3. 2-1/2" CHWS & CHWR AND 2" HWS & HWR DN TO 3RD FLOOR TO CONNECT TO DOAS-1 PER DETAILS ON SHEET M800
4. PROVIDE 3W/FT HEAT TRACE FOR CHWS, CHWR, HWS, AND HWR PIPING LOCATED IN ATTIC SPACE.
5. PROVIDE 5W/FT HEAT TRACE FOR CHWS & CHWR PIPING EXPOSED TO EXTERIOR AT DOAS-1 CONNECTION.
6. PROVIDE 3W/FT HEAT TRACE FOR HWS & HWR PIPING EXPOSED TO EXTERIOR AT DOAS-1 CONNECTION.



1 M304 MECHANICAL 4TH FLOOR PIPING PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL 4TH FLOOR PIPING PLAN

DRAWING NO.
M304

Drawn By: WJS Checked By: MAR

BOILER PLANT SYSTEMS

SYSTEM GENERAL DESCRIPTION:

A. THE BUILDING MANAGEMENT SYSTEM IN CONJUNCTION WITH THE BOILER CONTROL PANELS SHALL MONITOR AND CONTROL THE SYSTEM'S BOILERS(S), PUMP(S), AND CONTROL VALVES AS SHOWN ON THE BOILER PLANT FLOW DIAGRAM AND AS DETAILED IN THE SEQUENCE OF OPERATION LISTED BELOW.

B. THE BOILER PLANT SYSTEM CONSISTS OF TWO CONDENSING WATER BOILER(S) WITH ITS PIPING CONFIGURATION ARRANGED AS A PRIMARY / SECONDARY LOOP SUPPLYING HOT WATER TO THE FACILITY.

C. THE MANIFOLDED HOT WATER DISTRIBUTION PUMPS ARE CONFIGURED AS LEAD / LAG CONTROL.

BOILER PLANT SYSTEM ENABLE/DISABLE:

A. THE BOILER PLANT SYSTEM SHALL BE ENABLED/DISABLED THROUGH THE BOILER CONTROL PANELS AS REQUESTED BY THE BUILDING AUTOMATION SYSTEM (BAS) OPERATOR INTERFACE PANEL. THE CONTROL SYSTEM SHALL START AND STOP THE HOT WATER PUMPS AND BOILERS BASED UPON SYSTEM LOAD.

B. THE BOILER PLANT SYSTEM SHALL BE ENABLED WHEN ANY SPACE WITHING THE FACILITY OR THE DOAS IS CALLING FOR HOT WATER FLOW. WHEN THE BOILER PLANT SYSTEM IS ENABLED THE SYSTEM SHALL ENABLE THE LEAD SECONDARY HOT WATER PUMP TO START BASED ON A CALL FOR BOILER FROM THE BAS. WHEN FLOW STATUS FOR THE PUMP IS PROVEN, THE SYSTEM SHALL REPORT RUNNING STATUS TO THE BAS.

C. WHEN THE BOILER PLANT SYSTEM IS ENABLED THE SYSTEM SHALL SEND AN ENABLE SIGNAL TO THE LEAD BOILER. UPON RECEIVING THE ENABLE SIGNAL THE BOILER SHALL SEND A HOT WATER PUMP REQUEST SIGNAL TO THE CONTROL SYSTEM TO ENABLE THE HOT WATER PUMPING SEQUENCE.

D. WHEN THE BOILER PLANT SYSTEM IS ENABLED, THE SYSTEM SHALL RESPOND TO A HOT WATER PUMP REQUEST FROM THE BOILER TO ENABLE THE ASSOCIATED DEDICATED PRIMARY HOT WATER PUMP TO START. AS ADDITIONAL BOILERS PROVIDE REQUESTS, ADDITIONAL PRIMARY HOT WATER PUMP(S) SHALL START.

E. THE BOILER PLANT IS DISABLED WHEN ALL BOILERS ARE DISABLED AND THERE IS NOT AN ACTIVE HOT WATER PUMP REQUEST. WHEN THE PLANT IS DISABLED, THE HOT WATER PUMPS SHALL BE COMMANDED OFF AND THE BOILER ISOLATION VALVES SHALL BE CLOSED.

BOILER STAGING:

A. BOILERS SHALL OPERATE IN A LEAD/LAG SEQUENCE, SO THAT THE LAST BOILER ENABLED IS THE FIRST TO BE DISABLED. THE BOILER PLANT SYSTEM SHALL INITIATE THE START OF THE NEXT BOILER IN THE SEQUENCE WHENEVER THE HOT WATER LOAD, AS DETERMINED BY THE SYSTEM SUPPLY WATER TEMPERATURE, IS NOT MET FOR 20 MINUTES (ADJ.). THE SYSTEM SHALL INITIATE THE SHUT DOWN OF THE NEXT BOILER IN THE SEQUENCE WHENEVER EXCESS HOT WATER CAPACITY EXISTS, AS DETERMINED BY PERCENT RUN LOAD AMPS, FOR 20 MINUTES (ADJ.). BOILER LEAD/LAG SEQUENCE ORDER SHALL BE BASED ON A ROUND ROBIN LOGIC. (ROUND ROBIN LOGIC EXAMPLE: 1-2-3, THEN 2-3-1, THEN 3-1-2, THEN 1-2-3, ETC.).

B. THE BOILER SEQUENCE ORDER CAN BE ROTATED ON A SCHEDULE. BOILER ROTATIONS SHALL BE PROGRAMMED TO OCCUR AT ONE OF THE FOLLOWING OPERATOR-DEFINED INTERVALS:
   a. NEVER: BOILERS SHALL ALWAYS HAVE THE SAME SEQUENCE NUMBER.
   b. DAY OF WEEK: BOILERS SHALL ROTATE ON A USER-SPECIFIED DAY AND TIME ONCE PER WEEK.
   c. FIXED NUMBER OF DAYS: BOILERS SHALL ROTATE AFTER THE NUMBER OF DAYS SPECIFIED HAS ELAPSED.
   d. RUN HOURS: BOILERS ROTATE TO ATTEMPT TO EVEN OUT THE AMOUNT OF TIME EACH BOILER RUNS. WHEN ANY BOILER REACHES THE USER-DEFINED RUN HOURS SETPOINT (WHICH IS MEASURED ONLY FROM THE LAST ROTATION), THE SYSTEM CONTROLLER CAN RE-SEQUENCE THE BOILERS, IF NECESSARY, TO PUT THE BOILER WITH THE LEAST TOTAL RUN HOURS INTO A HIGHER-USE POSITION IN THE SEQUENCE.
   e. ROTATIONAL INPUT: BOILERS SHALL ROTATE WHEN THE SPECIFIED REFERENCE COMMANDS THEM TO ROTATE.

C. FROM THE BAS OPERATOR INTERFACE, AN OPERATOR SHALL BE ABLE TO MANUALLY CHANGE THE LEAD/LAG SEQUENCE OR REQUEST ANY BOILER TO BE UNAVAILABLE WHICH WOULD REMOVE IT FROM THE ROTATION SEQUENCE.

PRIMARY HOT WATER PUMP COMMANDS:

A. WHEN THE HOT WATER SYSTEM IS ENABLED, THE SYSTEM SHALL START A HOT WATER PUMP THROUGH THE PUMP'S VARIABLE SPEED DRIVE. THE SYSTEM SHALL DETECT PRIMARY HOT WATER PUMP RUN STATUS BY A VARIABLE SPEED DRIVE CURRENT SWITCH. WHEN AN ADDITIONAL BOILER IS REQUESTED TO STAGE ON, ITS DEDICATED HOT WATER PUMP SHALL BE COMMANDED ON.

PRIMARY HOT WATER PUMP FAILURE:

A. IF THE PUMP IS ENABLED AND THE PUMP'S RUNNING STATUS IS OFF FOR MORE THAN 30 SECONDS (ADJ.), THE SYSTEM SHALL ANNUNCIATE A HOT WATER PUMP FAILURE ALARM TO THE BAS. ONCE THE ERROR HAS BEEN CORRECTED, THE OPERATOR SHALL BE ABLE TO CLEAR THE ALARM FAILURE FROM THE BAS OPERATOR INTERFACE OR BY MANUALLY OVERRIDING THE PUMP ON.

SECONDARY HOT WATER PUMP COMMANDS:

A. THE SYSTEM SHALL START A SECONDARY HOT WATER PUMP THROUGH THE PUMP'S VARIABLE SPEED DRIVE. THE SYSTEM SHALL DETECT SECONDARY HOT WATER PUMP RUN STATUS BY A VARIABLE SPEED DRIVE CURRENT SWITCH.

B. THE SECONDARY HOT WATER PUMP(S) LEAD/LAG SEQUENCE SHALL BE ROTATED ON A WEEKLY SCHEDULE. THE ROTATION SEQUENCE SHALL BE BASED ON CALCULATED RUN TIME WITH THE PUMP HAVING THE LEAST RUN TIME DESIGNATED AS LEAD, THE PUMP WITH THE NEXT LOWEST RUN TIME SHALL BE THE SECOND IN THE SEQUENCE (OR LAG PUMP). FROM THE BAS OPERATOR INTERFACE, AN OPERATOR SHALL BE ABLE TO MANUALLY CHANGE THE LEAD/LAG SEQUENCE OR REQUEST ANY PUMP TO BE UNAVAILABLE WHICH WOULD REMOVE IT FROM THE ROTATION SEQUENCE.

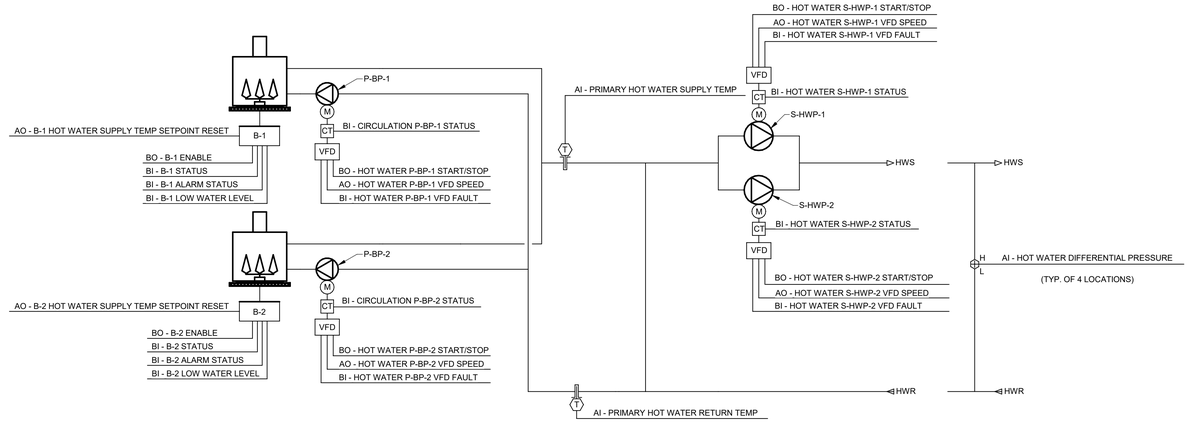
C. IF THE HOT WATER SYSTEM DIFFERENTIAL PRESSURE FALLS 1 PSIG (ADJ.) BELOW SETPOINT AND THE LEAD PUMP IS AT 100% (ADJ.) FOR MORE THAN 5 MINUTES (ADJ.), THE LAG PUMP SHALL START. IF THE PUMP SPEED CONTROL OUTPUT IS BELOW 65% (ADJ.) FOR MORE THAN 5 MINUTES (ADJ.), THE LAST OPERATING PUMP IN THE SEQUENCE SHALL BE DISABLED.

SECONDARY HOT WATER PUMP SPEED:

A. THE SYSTEM SHALL MONITOR THE SECONDARY HOT WATER SYSTEM DIFFERENTIAL PRESSURE SENSORS. WHEN THE PUMP VARIABLE SPEED DRIVE IS ENABLED, THE SYSTEM SHALL CONTROL THE ANALOG SPEED SIGNAL THAT IS SENT TO THE VARIABLE SPEED DRIVES OF OPERATING PUMPS TO MAINTAIN A MINIMUM HOT WATER SYSTEM DIFFERENTIAL PRESSURE SETPOINT OF 15 PSIG (ADJ.) AT ALL OF THE SENSORS.

SECONDARY HOT WATER PUMP FAILURE:

A. IF THE LEAD START/STOP RELAY IS ENABLED AND THE PUMP'S RUNNING STATUS IS OFF FOR MORE THAN 30 SECONDS (ADJ.), THE SYSTEM SHALL ANNUNCIATE A SECONDARY HOT WATER PUMP FAILURE ALARM TO THE BAS AND START THE LAG PUMP. WHEN A SECONDARY HOT WATER PUMP FAILURE EXISTS, LEAD/LAG/STANDBY AUTOMATION SHALL BE DISABLED AND THE CURRENTLY RUNNING PUMP BECOMES THE LEAD PUMP. ONCE THE PROBLEM HAS BEEN CORRECTED, THE OPERATOR SHALL BE ABLE TO CLEAR THE ALARM FAILURE FROM THE BAS OPERATOR INTERFACE. THIS SHALL RE-ENABLE THE LEAD/LAG/STANDBY SEQUENCE.



1 / M700 BOILER CONTROLS DIAGRAM
NOT TO SCALE

COOLING PLANT SYSTEMS

SYSTEM GENERAL DESCRIPTION:

A. THE BUILDING MANAGEMENT SYSTEM IN CONJUNCTION WITH THE CHILLER CONTROL PANELS SHALL MONITOR AND CONTROL THE SYSTEM'S CHILLER(S), PUMP(S), AND CONTROL VALVES AS SHOWN ON THE COOLING PLANT FLOW DIAGRAM AND AS DETAILED IN THE SEQUENCE OF OPERATION LISTED BELOW.

B. THE COOLING PLANT SYSTEM CONSISTS OF TWO AIR-COOLED CHILLER(S) WITH ITS PIPING CONFIGURATION ARRANGED AS A PRIMARY / SECONDARY LOOP SUPPLYING CHILLED WATER TO THE FACILITY.

C. THE MANIFOLD CHILLED WATER DISTRIBUTION PUMPS ARE CONFIGURED AS LEAD / LAG CONTROL.

COOLING PLANT SYSTEM ENABLE/DISABLE:

A. THE COOLING PLANT SYSTEM SHALL BE ENABLED/DISABLED THROUGH THE CHILLER CONTROL PANELS AS REQUESTED BY THE BUILDING AUTOMATION SYSTEM (BAS) OPERATOR INTERFACE PANEL. THE CONTROL SYSTEM SHALL START AND STOP THE CHILLED WATER PUMPS AND CHILLERS BASED UPON SYSTEM LOAD.

B. THE COOLING PLANT SYSTEM SHALL BE ENABLED WHEN ANY SPACE WITHING THE FACILITY OR THE DOAS IS CALLING FOR CHILLED WATER FLOW. WHEN THE COOLING PLANT SYSTEM IS ENABLED THE SYSTEM SHALL ENABLE THE LEAD SECONDARY CHILLED WATER PUMP TO START BASED ON A CALL FOR COOLING FROM THE BAS. WHEN FLOW STATUS FOR THE PUMP IS PROVEN, THE SYSTEM SHALL REPORT RUNNING STATUS TO THE BAS.

C. WHEN THE COOLING PLANT SYSTEM IS ENABLED THE SYSTEM SHALL SEND AN ENABLE SIGNAL TO THE LEAD CHILLER. UPON RECEIVING THE ENABLE SIGNAL THE CHILLER SHALL SEND A CHILLED WATER PUMP REQUEST SIGNAL TO THE CONTROL SYSTEM TO ENABLE THE CHILLED WATER PUMPING SEQUENCE.

D. WHEN THE COOLING PLANT SYSTEM IS ENABLED, THE SYSTEM SHALL RESPOND TO A CHILLED WATER PUMP REQUEST FROM THE CHILLER TO ENABLE THE ASSOCIATED DEDICATED PRIMARY CHILLED WATER PUMP TO START. AS ADDITIONAL CHILLERS PROVIDE REQUESTS, ADDITIONAL PRIMARY CHILLED WATER PUMP(S) SHALL START.

E. THE COOLING PLANT IS DISABLED WHEN ALL CHILLERS ARE DISABLED AND THERE IS NOT AN ACTIVE CHILLED WATER PUMP REQUEST. WHEN THE PLANT IS DISABLED, THE CHILLED WATER PUMPS SHALL BE COMMANDED OFF AND THE CHILLER ISOLATION VALVES SHALL BE CLOSED.

CHILLER STAGING:

A. CHILLERS SHALL OPERATE IN A LEAD/LAG SEQUENCE, SO THAT THE LAST CHILLER ENABLED IS THE FIRST TO BE DISABLED. THE COOLING PLANT SYSTEM SHALL INITIATE THE START OF THE NEXT CHILLER IN THE SEQUENCE WHENEVER THE CHILLED WATER LOAD, AS DETERMINED BY THE SYSTEM SUPPLY WATER TEMPERATURE, IS NOT MET FOR 20 MINUTES (ADJ.). THE SYSTEM SHALL INITIATE THE SHUT DOWN OF THE NEXT CHILLER IN THE SEQUENCE WHENEVER EXCESS CHILLED WATER CAPACITY EXISTS, AS DETERMINED BY PERCENT RUN LOAD AMPS, FOR 20 MINUTES (ADJ.). CHILLER LEAD/LAG SEQUENCE ORDER SHALL BE BASED ON A ROUND ROBIN LOGIC. (ROUND ROBIN LOGIC EXAMPLE: 1-2-3, THEN 2-3-1, THEN 3-1-2, THEN 1-2-3, ETC.).

B. THE CHILLER SEQUENCE ORDER CAN BE ROTATED ON A SCHEDULE. CHILLER ROTATIONS SHALL BE PROGRAMMED TO OCCUR AT ONE OF THE FOLLOWING OPERATOR-DEFINED INTERVALS:
   a. NEVER: CHILLERS SHALL ALWAYS HAVE THE SAME SEQUENCE NUMBER.
   b. DAY OF WEEK: CHILLERS SHALL ROTATE ON A USER-SPECIFIED DAY AND TIME ONCE PER WEEK.
   c. FIXED NUMBER OF DAYS: CHILLERS SHALL ROTATE AFTER THE NUMBER OF DAYS SPECIFIED HAS ELAPSED.
   d. RUN HOURS: CHILLERS ROTATE TO ATTEMPT TO EVEN OUT THE AMOUNT OF TIME EACH CHILLER RUNS. WHEN ANY CHILLER REACHES THE USER-DEFINED RUN HOURS SET POINT (WHICH IS MEASURED ONLY FROM THE LAST ROTATION), THE SYSTEM CONTROLLER CAN RE-SEQUENCE THE CHILLERS, IF NECESSARY, TO PUT THE CHILLER WITH THE LEAST TOTAL RUN HOURS INTO A HIGHER-USE POSITION IN THE SEQUENCE.
   e. ROTATIONAL INPUT: CHILLERS SHALL ROTATE WHEN THE SPECIFIED REFERENCE COMMANDS THEM TO ROTATE.

C. FROM THE BAS OPERATOR INTERFACE, AN OPERATOR SHALL BE ABLE TO MANUALLY CHANGE THE LEAD/LAG SEQUENCE OR REQUEST ANY CHILLER TO BE UNAVAILABLE WHICH WOULD REMOVE IT FROM THE ROTATION SEQUENCE.

PRIMARY CHILLED WATER PUMP COMMANDS:

A. WHEN THE CHILLED WATER SYSTEM IS ENABLED, THE SYSTEM SHALL START A CHILLED WATER PUMP THROUGH THE PUMP'S VARIABLE SPEED DRIVE. THE SYSTEM SHALL DETECT PRIMARY CHILLED WATER PUMP RUN STATUS BY A VARIABLE SPEED DRIVE CURRENT SWITCH. WHEN AN ADDITIONAL CHILLER IS REQUESTED TO STAGE ON, ITS DEDICATED CHILLED WATER PUMP SHALL BE COMMANDED ON.

PRIMARY CHILLED WATER PUMP FAILURE:

A. IF THE PUMP IS ENABLED AND THE PUMP'S RUNNING STATUS IS OFF FOR MORE THAN 30 SECONDS (ADJ.), THE SYSTEM SHALL ANNUNCIATE A CHILLED WATER PUMP FAILURE ALARM TO THE BAS. ONCE THE ERROR HAS BEEN CORRECTED, THE OPERATOR SHALL BE ABLE TO CLEAR THE ALARM FAILURE FROM THE BAS OPERATOR INTERFACE OR BY MANUALLY OVERRIDING THE PUMP ON.

SECONDARY CHILLED WATER PUMP COMMANDS:

A. THE SYSTEM SHALL START A SECONDARY CHILLED WATER PUMP THROUGH THE PUMP'S VARIABLE SPEED DRIVE. THE SYSTEM SHALL DETECT SECONDARY CHILLED WATER PUMP RUN STATUS BY A VARIABLE SPEED DRIVE CURRENT SWITCH.

B. THE SECONDARY CHILLED WATER PUMP(S) LEAD/LAG SEQUENCE SHALL BE ROTATED ON A WEEKLY SCHEDULE. THE ROTATION SEQUENCE SHALL BE BASED ON CALCULATED RUN TIME WITH THE PUMP HAVING THE LEAST RUN TIME DESIGNATED AS LEAD, THE PUMP WITH THE NEXT LOWEST RUN TIME SHALL BE THE SECOND IN THE SEQUENCE (OR LAG PUMP). FROM THE BAS OPERATOR INTERFACE, AN OPERATOR SHALL BE ABLE TO MANUALLY CHANGE THE LEAD/LAG SEQUENCE OR REQUEST ANY PUMP TO BE UNAVAILABLE WHICH WOULD REMOVE IT FROM THE ROTATION SEQUENCE.

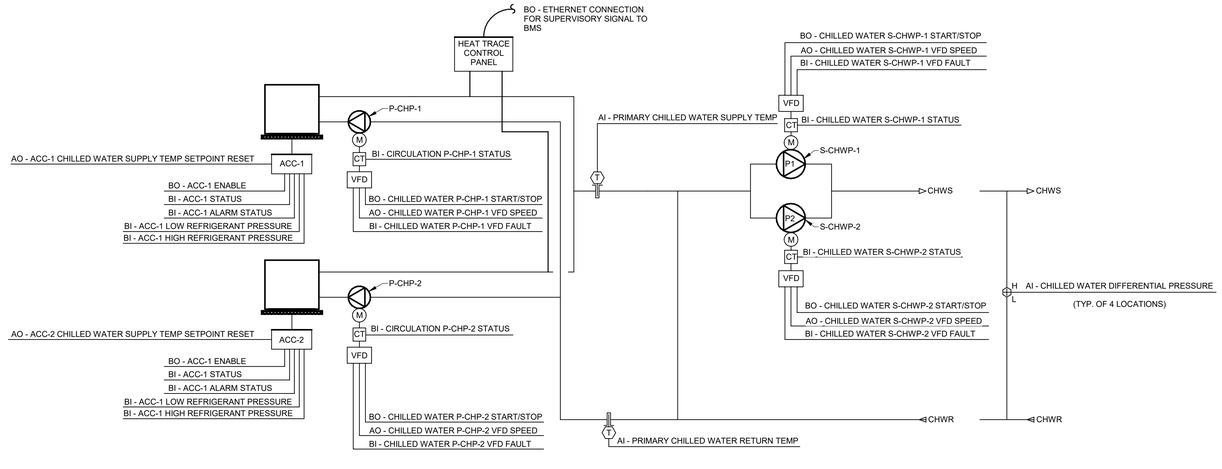
C. IF THE CHILLED WATER SYSTEM DIFFERENTIAL PRESSURE FALLS 1 PSIG (ADJ.) BELOW SETPOINT AND THE LEAD PUMP IS AT 100% (ADJ.) FOR MORE THAN 5 MINUTES (ADJ.), THE LAG PUMP SHALL START. IF THE PUMP SPEED CONTROL OUTPUT IS BELOW 65% (ADJ.) FOR MORE THAN 5 MINUTES (ADJ.), THE LAST OPERATING PUMP IN THE SEQUENCE SHALL BE DISABLED.

SECONDARY CHILLED WATER PUMP SPEED:

A. THE SYSTEM SHALL MONITOR THE SECONDARY CHILLED WATER SYSTEM DIFFERENTIAL PRESSURE SENSORS. WHEN THE PUMP VARIABLE SPEED DRIVE IS ENABLED, THE SYSTEM SHALL CONTROL THE ANALOG SPEED SIGNAL THAT IS SENT TO THE VARIABLE SPEED DRIVES OF OPERATING PUMPS TO MAINTAIN A MINIMUM CHILLED WATER SYSTEM DIFFERENTIAL PRESSURE SETPOINT OF 15 PSIG (ADJ.) AT ALL OF THE SENSORS.

SECONDARY CHILLED WATER PUMP FAILURE:

A. IF THE LEAD START/STOP RELAY IS ENABLED AND THE PUMP'S RUNNING STATUS IS OFF FOR MORE THAN 30 SECONDS (ADJ.), THE SYSTEM SHALL ANNUNCIATE A SECONDARY CHILLED WATER PUMP FAILURE ALARM TO THE BAS AND START THE LAG PUMP. WHEN A SECONDARY CHILLED WATER PUMP FAILURE EXISTS, LEAD/LAG/STANDBY AUTOMATION SHALL BE DISABLED AND THE CURRENTLY RUNNING PUMP BECOMES THE LEAD PUMP. ONCE THE PROBLEM HAS BEEN CORRECTED, THE OPERATOR SHALL BE ABLE TO CLEAR THE ALARM FAILURE FROM THE BAS OPERATOR INTERFACE. THIS SHALL RE-ENABLE THE LEAD/LAG/STANDBY SEQUENCE.



2 / M700 CHILLER CONTROLS DIAGRAM
NOT TO SCALE

(BAR GRAPHIC IS 4" AT FULL SCALE)
0" 1" 2" 3" 4"

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

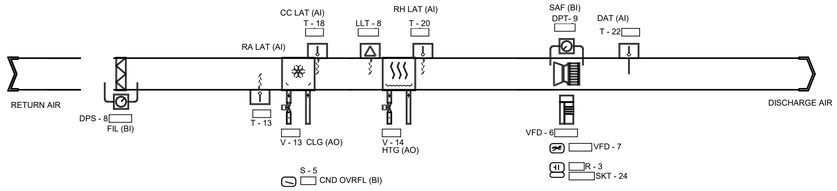
DRAWING NAME
MECHANICAL CONTROLS

DRAWING NO.
M700

Drawn By: WJS Checked By: MAR

POINT NAME	POINTS										ALARMS					
	GRAPHIC	ANALOG HARDWARE INPUT (AI)	BINARY HARDWARE INPUT (BI)	ANALOG HARDWARE OUTPUT (AO)	BINARY HARDWARE OUTPUT (BO)	SOFTWARE POINT (SFT)	HARDWARE INTERLOCK (HDW)	WIRELESS (WLS)	NETWORK (NET)	HIGH ANALOG LIMIT	LOW ANALOG LIMIT	BINARY	LATCH DIAGNOSTIC	SENSOR FAIL	COMMUNICATION FAIL
COIL LEAVING AIR LOW TEMP CUTOUT ALARM LLT			X											X		
CONDENSATE OVERFLOW DETECTION LOCAL CND OVRFL	X		X									X	X			
COOLING COIL LEAVING TEMPERATURE CC LAT	X	X								X	X			X		
COOLING OUTPUT COMMAND CLG	X			X												
DISCHARGE AIR TEMPERATURE DAT	X	X								X	X			X		
FINAL FILTER STATUS FIL	X		X									X				
FILTER STATUS FIL	X		X									X				
HEATING OUTPUT COMMAND HTG	X			X												
REHEAT LEAVING COIL TEMPERATURE LOCAL RH LAT	X	X								X	X			X		
REHEAT OUTPUT COMMAND RH	X			X												

POINT NAME	POINTS										ALARMS					
	GRAPHIC	ANALOG HARDWARE INPUT (AI)	BINARY HARDWARE INPUT (BI)	ANALOG HARDWARE OUTPUT (AO)	BINARY HARDWARE OUTPUT (BO)	SOFTWARE POINT (SFT)	HARDWARE INTERLOCK (HDW)	WIRELESS (WLS)	NETWORK (NET)	HIGH ANALOG LIMIT	LOW ANALOG LIMIT	BINARY	LATCH DIAGNOSTIC	SENSOR FAIL	COMMUNICATION FAIL
SUPPLY FAN START STOP COMMAND SAF	X					X										
SUPPLY FAN STATUS SAF	X		X													
BAS COMMUNICATION STATE BAS COM						X										X
DISCHARGE AIR COOLING SETPOINT DA CL SP						X										
DISCHARGE AIR HEATING SETPOINT DA HT SP						X										
MAINTENANCE REQUIRED MNT REQ						X							X			
OCCUPIED COOLING SETPOINT OCC CLG STPT	X					X										
OCCUPIED HEATING SETPOINT OCC HTG STPT	X					X										
SUPPLY FAN FAILURE SF FAIL	X					X							X			
UNOCCUPIED COOLING SETPOINT UNOCC CLG STPT	X					X										
UNOCCUPIED HEATING SETPOINT UNOCC HTG STPT	X					X										



AIR HANDLING UNITS/FAN COIL UNITS:

SUPPLY FAN, NORMAL MODE:

A. THE SUPPLY FAN SHALL OPERATE ON CALL FOR HEATING OR COOLING BY THE ROOM THERMOSTAT.

HOT WATER HEATING COIL:

A. THE NORMALLY OPEN HOT WATER VALVE ON THE COIL SHALL BE CLOSED WHEN THE SPACE TEMPERATURE IS ABOVE THE OPERATOR ADJUSTABLE TEMPERATURE SETPOINT. ON DROP IN TEMPERATURE BELOW THE SETPOINT, THE CONTROLLER SHALL MODULATE THE VALVE TOWARD MAXIMUM FLOW. ON RISE IN TEMPERATURE ABOVE THE SET POINT, THE CONTROLLER WILL CLOSE THE VALVE.

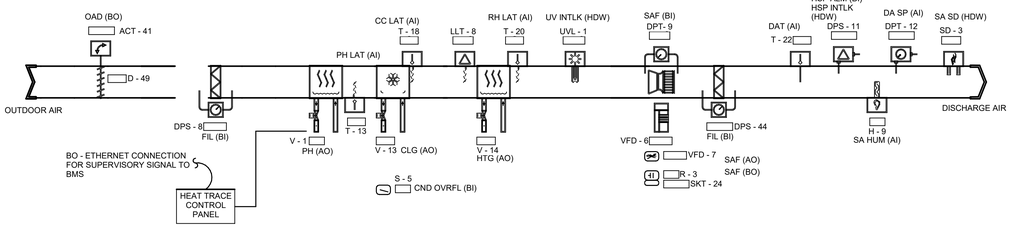
CHILLED WATER COOLING COIL:

A. THE NORMALLY OPEN CHILLED WATER VALVE ON THE COIL SHALL BE CLOSED WHEN THE SPACE TEMPERATURE IS BELOW THE OPERATOR ADJUSTABLE COOLING SETPOINT TEMPERATURE. ON RISE IN TEMPERATURE ABOVE THE COOLING SETPOINT, THE CONTROLLER SHALL MODULATE THE VALVE TOWARD MAXIMUM FLOW. ON DROP IN TEMPERATURE BELOW THE COOLING SET POINT, THE CONTROLLER WILL CLOSE THE VALVE.

UNOCCUPIED MODE:

A. ON AN OPERATOR ADJUSTABLE SCHEDULE THE AHU SHALL ENTER AN UNOCCUPIED SETBACK MODE. IN THIS MODE, THE COOLING AND HEATING SETPOINTS SHALL RESET TO 85°F (ADJ.) COOLING AND 60°F (ADJ.) HEATING.

1 / M701 UNIT (AHU) CONTROL SCHEMATIC
NOT TO SCALE



DEDICATED OUTSIDE AIR SYSTEM (DOAS), CONSTANT AIR VOLUME:

FANS:

A. THE SUPPLY FANS SHALL OPERATE WHEN THE AHU CONTROL IS SET TO AUTOMATIC WHEN IN OCCUPIED MODE OR WHEN SET TO ON. THE FANS SHALL BE DE-ENERGIZED WHEN THE AHU CONTROL IS SET TO AUTOMATIC WHEN IN UNOCCUPIED MODE OR WHEN SET TO OFF.

B. SUPPLY FAN CONTROL:

a. THE SUPPLY FAN VFD SHALL CONTROL THE SPEED OF THE FAN TO MAINTAIN THE FAN SPEED ESTABLISHED DURING TESTING AND BALANCE (OPERATOR ADJUSTABLE).
b. THE FOLLOWING SIGNALS WILL DE-ENERGIZE THE FANS:
- EMERGENCY STOP SWITCH IS ACTIVATED.
- LOW TEMPERATURE LIMIT SIGNAL FROM THE LOW TEMPERATURE SENSOR (FREEZESTAT) ON THE LEAVING SIDE OF THE PREHEAT COIL.
- HIGH FAN DISCHARGE PRESSURE.
- LOSS OF POWER TO THE CONTROL PANEL

HOT WATER PREHEAT COIL:

A. THE NORMALLY OPEN HOT WATER VALVE ON THE COIL SHALL BE CLOSED WHEN THE COIL DISCHARGE TEMPERATURE IS ABOVE THE OPERATOR ADJUSTABLE PREHEAT TEMPERATURE SETPOINT. ON DROP IN COIL DISCHARGE TEMPERATURE BELOW THE SETPOINT, THE CONTROLLER SHALL MODULATE THE VALVE TOWARD MAXIMUM FLOW. ON RISE IN COIL DISCHARGE TEMPERATURE ABOVE THE SET POINT, THE CONTROLLER WILL CLOSE THE VALVE.

CHILLED WATER COOLING COIL:

A. THE NORMALLY OPEN CHILLED WATER VALVE ON THE COIL SHALL BE CLOSED WHEN THE COIL DISCHARGE TEMPERATURE IS BELOW THE OPERATOR ADJUSTABLE COOLING SETPOINT TEMPERATURE AND THE HUMIDITY LEVEL IS BELOW THE OPERATOR ADJUSTABLE HUMIDITY SETPOINT. ON RISE IN OUTSIDE AIR TEMPERATURE ABOVE THE COOLING SETPOINT, THE CONTROLLER SHALL MODULATE THE VALVE TOWARD MAXIMUM FLOW. ON DROP IN TEMPERATURE BELOW THE COOLING SET POINT, THE CONTROLLER WILL CLOSE THE VALVE. ON RISE IN OUTDOOR AIR HUMIDITY ABOVE THE HUMIDITY SETPOINT, THE CONTROLLER SHALL MODULATE THE VALVE TO MAINTAIN 55°F. ON DROP IN OUTDOOR AIR HUMIDITY BELOW THE HUMIDITY SET POINT, THE CONTROLLER WILL CLOSE THE VALVE.

HOT WATER REHEAT COIL:

A. THE NORMALLY OPEN HOT WATER VALVE ON THE COIL SHALL BE CLOSED WHEN THE COIL DISCHARGE TEMPERATURE IS ABOVE THE OPERATOR ADJUSTABLE REHEAT SETPOINT TEMPERATURE. ON DROP IN TEMPERATURE BELOW THE HEATING SETPOINT, THE CONTROLLER SHALL MODULATE THE VALVE TOWARD MAXIMUM FLOW. ON RISE IN TEMPERATURE ABOVE THE HEATING SET POINT, THE CONTROLLER WILL CLOSE THE VALVE.

SMOKE SEQUENCE – SHUTDOWN:

A. UPON SIGNAL FROM THE FIRE ALARM SYSTEM FOR SUPPLY AIR SMOKE DETECTOR, OUTSIDE AIR SMOKE DETECTOR, SPACE SMOKE DETECTOR OR SPRINKLER SYSTEM ACTIVATED, THE AIR HANDLER SHALL SHUT DOWN.

SHUTDOWN MODE: THE FOLLOWING APPLIES WHEN THE AIR HANDLER IS SHUTDOWN:

A. THE OUTSIDE AIR DAMPER WILL BE CLOSED.

B. WHEN OUTSIDE AIR TEMPERATURE IS ABOVE 40F, THE PREHEAT VALVE, CHILLED WATER VALVE AND THE REHEAT VALVE WILL BE CLOSED.

C. WHEN THE OUTSIDE AIR TEMPERATURE IS BELOW 40F, THE PREHEAT VALVE, CHILLED WATER VALVE AND THE REHEAT VALVE WILL OPEN.

FILTERS:

A. PROVIDE MAGNEHELIC STYLE DIFFERENTIAL PRESSURE GAGES ACROSS FILTER BANKS.

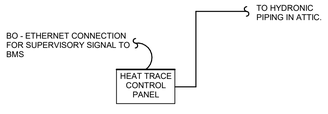
B. PROVIDE FILTER STATUS (CLEAN/REPLACE) TO THE BMS. THE DIFFERENTIAL PRESSURE ACROSS THE FILTER SHALL BE DISPLAYED ON THE AIR HANDLER GRAPHIC. THE DIFFERENTIAL PRESSURE POINT FOR REPLACE STATUS SHALL BE USER ADJUSTABLE.

C.

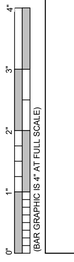
Point Name	POINTS										ALARMS					
	GRAPHIC	ANALOG HARDWARE INPUT (AI)	BINARY HARDWARE INPUT (BI)	ANALOG HARDWARE OUTPUT (AO)	BINARY HARDWARE OUTPUT (BO)	SOFTWARE POINT (SFT)	HARDWARE INTERLOCK (HDW)	WIRELESS (WLS)	NETWORK (NET)	HIGH ANALOG LIMIT	LOW ANALOG LIMIT	BINARY	LATCH DIAGNOSTIC	SENSOR FAIL	COMMUNICATION FAIL
AIR CLEANING ACCESS DOOR INTERLOCK UV INTLK							X									
COIL LEAVING AIR LOW TEMP CUTOUT ALARM LLT			X										X			
CONDENSATE OVERFLOW DETECTION LOCAL CND OVRFL	X		X									X	X			
COOLING COIL LEAVING TEMPERATURE CC LAT	X	X								X	X			X		
COOLING OUTPUT COMMAND CLG	X			X												
DISCHARGE AIR TEMPERATURE DAT	X	X								X	X			X		
DISCHARGE AIR STATIC PRESSURE LOCAL DA SP	X	X								X			X	X		
ENERGY WHEEL SPEED COMMAND EW SPD	X			X												
FINAL FILTER STATUS FIL	X		X									X				
FILTER STATUS FIL	X		X									X				
HEATING OUTPUT COMMAND HTG	X			X												
HIGH STATIC ALARM HSP ALM	X		X									X	X			
HIGH STATIC ALARM INTERLOCK HSP INTLK							X									
OUTDOOR AIR DAMPER COMMAND OAD	X				X											
OUTDOOR AIR DAMPER POSITION STATUS OAD POS	X		X													
PREHEAT LEAVING COIL TEMPERATURE LOCAL PH LAT	X	X													X	
PREHEAT OUTPUT COMMAND PH	X			X												

Point Name	POINTS										ALARMS					
	GRAPHIC	ANALOG HARDWARE INPUT (AI)	BINARY HARDWARE INPUT (BI)	ANALOG HARDWARE OUTPUT (AO)	BINARY HARDWARE OUTPUT (BO)	SOFTWARE POINT (SFT)	HARDWARE INTERLOCK (HDW)	WIRELESS (WLS)	NETWORK (NET)	HIGH ANALOG LIMIT	LOW ANALOG LIMIT	BINARY	LATCH DIAGNOSTIC	SENSOR FAIL	COMMUNICATION FAIL
REHEAT LEAVING COIL TEMPERATURE LOCAL RH LAT	X	X								X	X			X		
REHEAT OUTPUT COMMAND RH	X			X												
RETURN AIR HUMIDITY LOCAL RAH	X	X								X						
SUPPLY AIR HUMIDITY LOCAL SA HUM	X	X								X	X			X		
SUPPLY FAN SPEED COMMAND SAF	X			X												
SUPPLY FAN START STOP COMMAND SAF	X				X											
SUPPLY FAN STATUS SAF	X		X													
SUPPLY SMOKE DETECTOR INPUT SA SD														X		
BAS COMMUNICATION STATE BAS COM																X
DISCHARGE AIR COOLING SETPOINT DA CL SP																
DISCHARGE AIR HEATING SETPOINT DA HT SP																
MAINTENANCE REQUIRED MNT REQ																
OCCUPIED COOLING SETPOINT OCC CLG STPT	X															
OCCUPIED HEATING SETPOINT OCC HTG STPT	X															
SUPPLY FAN FAILURE SF FAIL	X															
UNOCCUPIED COOLING SETPOINT UNOCC CLG STPT	X															
UNOCCUPIED HEATING SETPOINT UNOCC HTG STPT	X															

2 / M701 DOAS CONTROL SCHEMATIC
NOT TO SCALE



3 / M701 HEAT TRACE CONTROL SCHEMATIC
NOT TO SCALE



SOUTH CAROLINA — DEVITA & ASSOCIATES, INC. — No. C00415 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — REGISTERED — No. 16805 — PROFESSIONAL ENGINEER

SEALS

DEVITA
Engineering Great Ideas

ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL CONTROLS

DRAWING NO.
M701

Drawn By: WJS Checked By: MAR

WITHIN 2 DEGREES OF SETPOINT

BETWEEN 2 AND 4 DEGREES OF SETPOINT

GREATER THAN 4 DEGREES OF SETPOINT

1 / M702 SAMEPLE FLOOR CONTROLS GRAPHIC
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

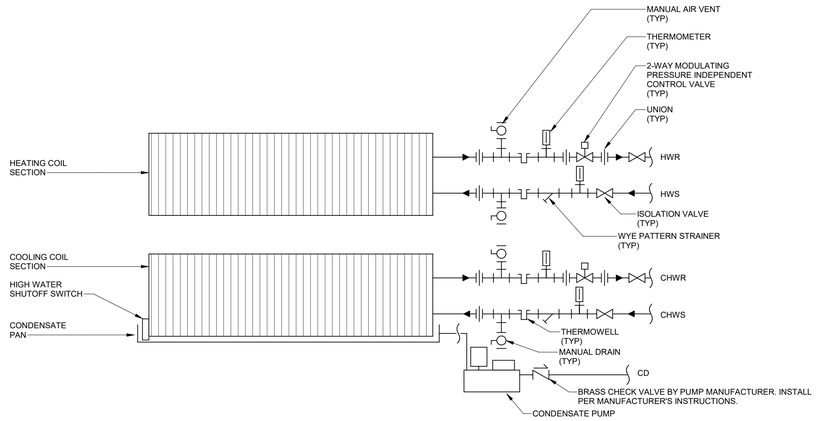
REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

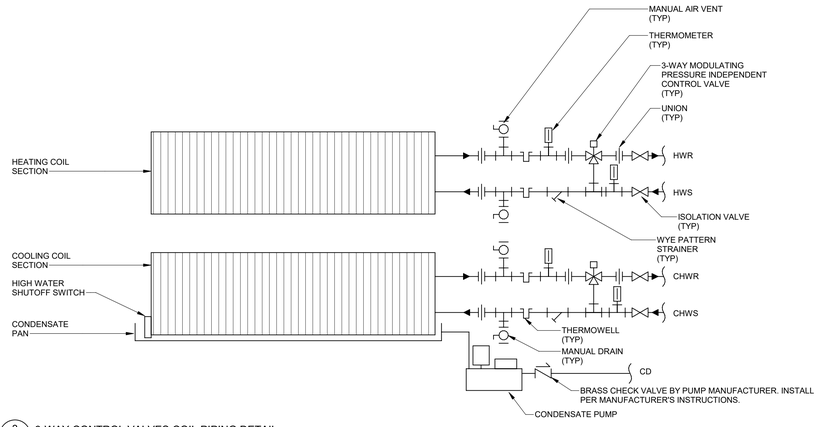
DRAWING NAME
MECHANICAL CONTROLS

DRAWING NO.
M702

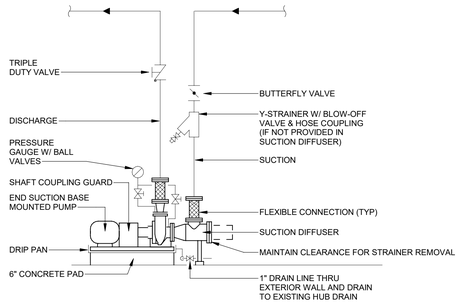
Drawn By: WJS Checked By: MAR



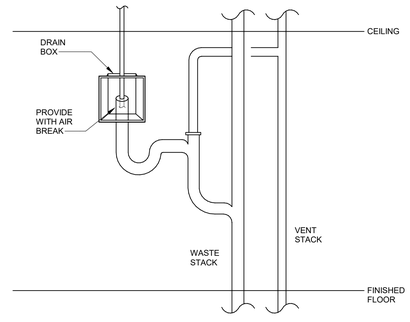
1 M800 2-WAY CONTROL VALVES COIL PIPING DETAIL
NOT TO SCALE



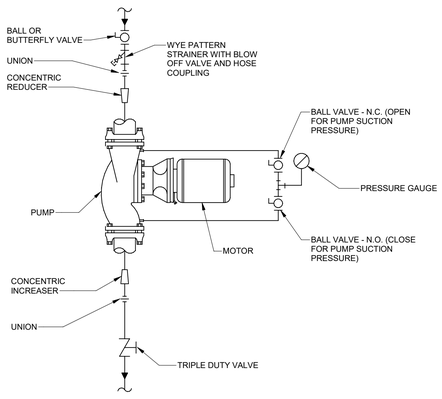
3 M800 3-WAY CONTROL VALVES COIL PIPING DETAIL
NOT TO SCALE



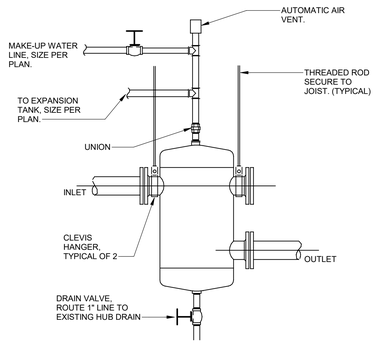
5 M800 END-SUCTION PUMP
NOT TO SCALE



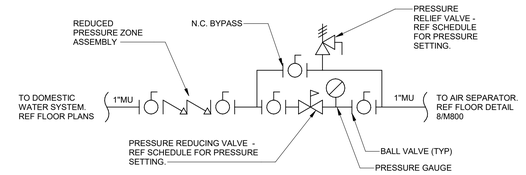
6 M800 DRAIN BOX
NOT TO SCALE



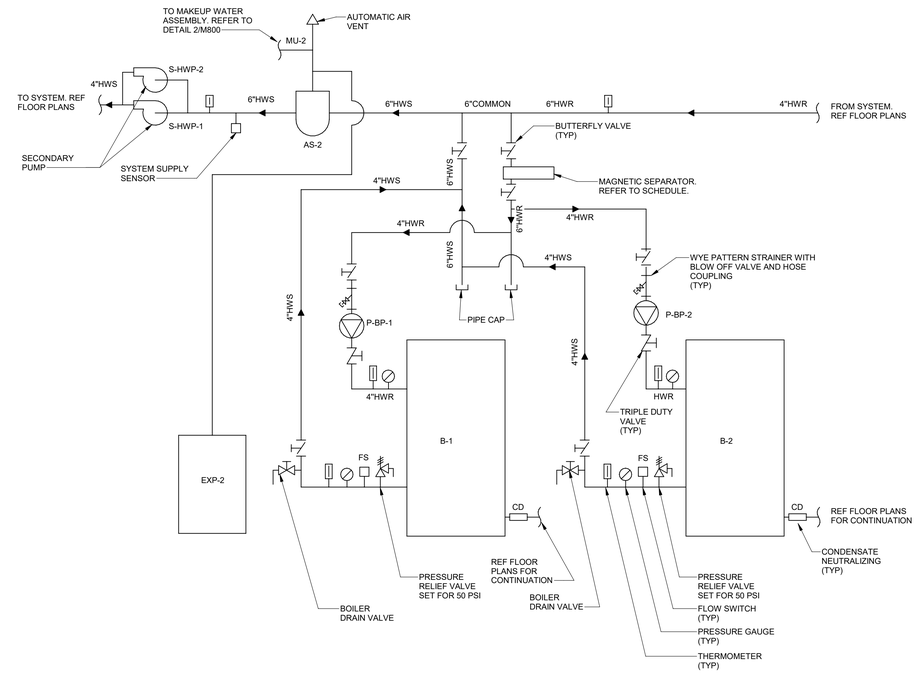
7 M800 IN-LINE CENTRIFUGAL PUMP
NOT TO SCALE



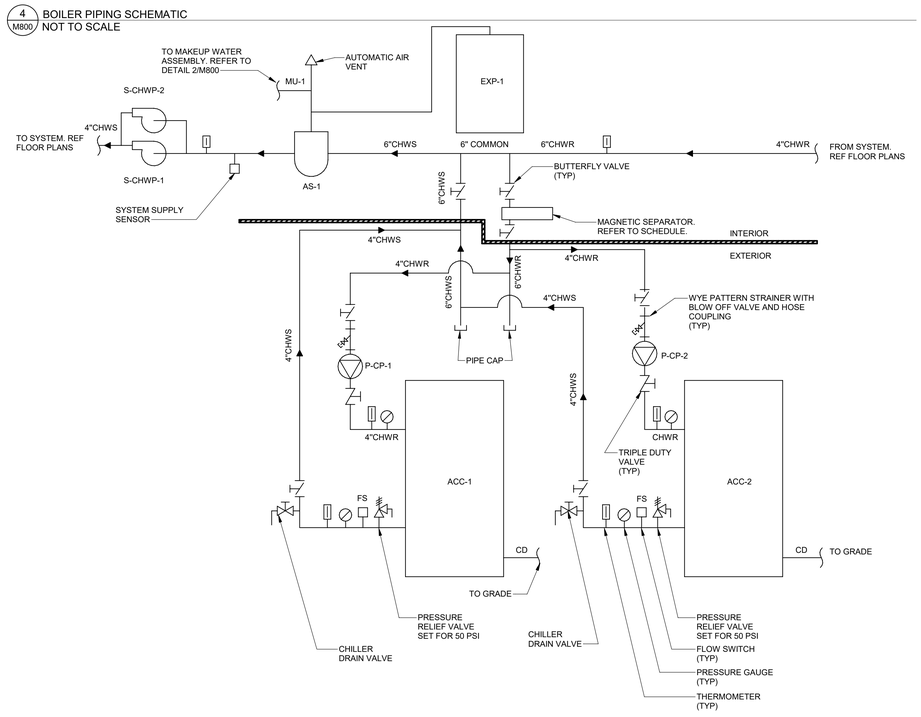
8 M800 AIR / DIRT SEPARATOR
NOT TO SCALE



2 M800 MAKEUP WATER ASSEMBLY
NOT TO SCALE



4 M800 BOILER PIPING SCHEMATIC
NOT TO SCALE



9 M800 CHILLER PIPING SCHEMATIC
NOT TO SCALE

(BAR GRAPHIC IS 4" AT FULL SCALE)
4"
3"
2"
1"
0"

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

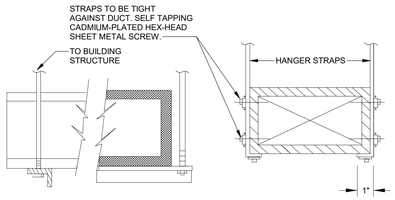
REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL DETAILS

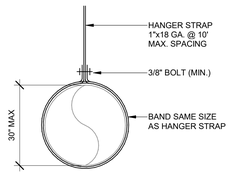
DRAWING NO.
M800

Drawn By: WJS Checked By: MAR

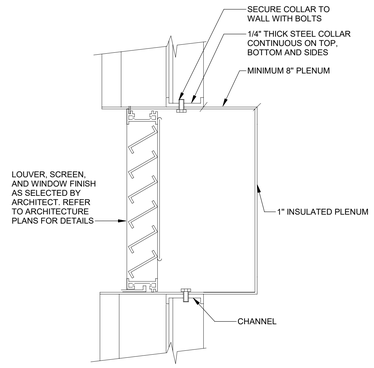


HANGER SIZES FOR RECTANGULAR DUCTS			
MAX. SIDE	HANGER	SUPPORT ANGLE HORIZONTAL	SPACING MAXIMUM
30"	1"x18" GAUGE STRAP	NONE REQUIRED	10'-0"
36"	1/4" ROUND ROD	1-1/2" x 1-1/2" x 1/8"	8'-0"
48"	1/4" ROUND ROD	2" x 2" x 1/8"	8'-0"
60"	5/16" ROUND ROD	2" x 2" x 1/8"	8'-0"
84"	3/8" ROUND ROD	2" x 2" x 1/8"	8'-0"

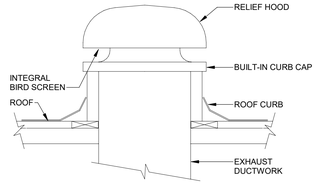
1 M801 DUCT HANGER SIZING - RECTANGULAR DUCT
NOT TO SCALE



2 M801 DUCT HANGER SIZING - ROUND DUCT
NOT TO SCALE

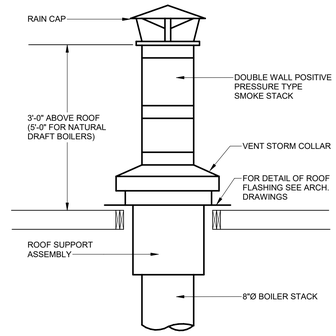


3 M801 OUTSIDE AIR LOUVER
NOT TO SCALE

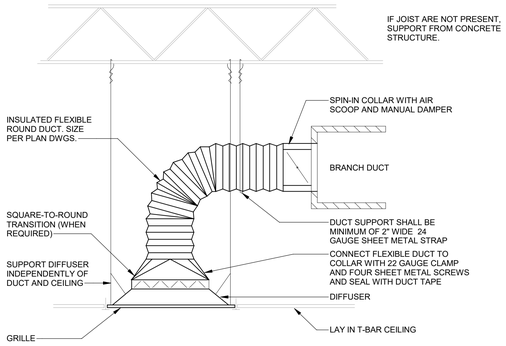


NOTES:
1. PRIME COAT AND PAINT TO MATCH ROOF COLOR.
2. PROVIDE FLASHING AND COUNTER FLASHING.

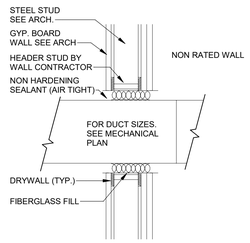
4 M801 GRAVITY RELIEF HOOD DETAIL
NOT TO SCALE



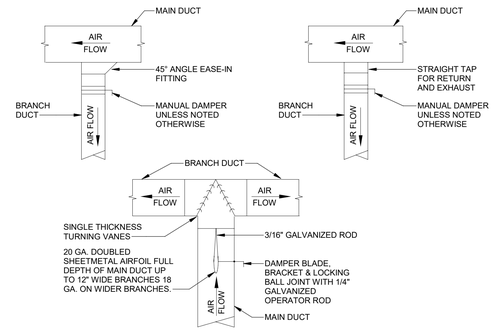
5 M801 BOILER STACK
NOT TO SCALE



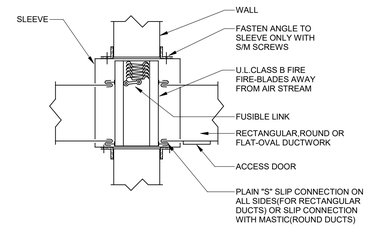
6 M801 SUPPLY DIFFUSER INSTALLATION (FLEX DUCT)
NOT TO SCALE



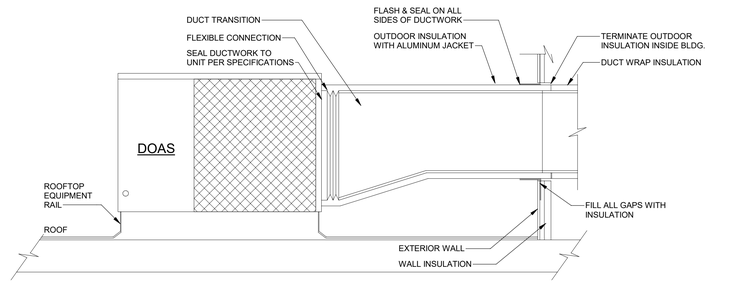
7 M801 DUCT PENETRATION OF WALL
NOT TO SCALE



8 M801 TYPICAL RECTANGULAR LOW-PRESSURE BRANCH TAKE-OFFS
NOT TO SCALE



9 M801 FIRE DAMPER DETAIL
NOT TO SCALE



10 M801 DOAS UNIT - HORIZONTAL DUCT
NOT TO SCALE

(BAR GRAPHIC IS 4" AT FULL SCALE)

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL DETAILS

DRAWING NO.
M801

Drawn By: WJS Checked By: MAR

AIR HANDLING UNIT SCHEDULE

MARK	AREA SERVED	MANUFACTURER MODEL	TYPE	SUPPLY AIR (CFM)	MOTOR HP	ESP (IN. WG)	COOLING COIL								HEATING COIL							ELECTRICAL DATA		NOTES
							TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	GPM	EAT (°F)	LAT (°F)	WATER PRESSURE DROP (FT WG)	EWT (°F)	LWT (°F)	HEATING (MBH)	GPM	EAT (°F)	LAT (°F)	WATER PRESSURE DROP (FT WG)	EWT (°F)	LWT (°F)	VOLTAGE	PHASE	
AHU-1-1	BOILER ROOM	TRANE FCBB040	FAN COIL - VERTICAL CABINET	400	0.130	N/A	13.88	10.05	1.84	80.00	56.96	8.29	42.00	57.00	4.73	0.50	75.00	85.90	0.13	140.00	121.05	208	1	1 - 7
AHU-1-2	FILES 134	TRANE FCDB040	FAN COIL - HORIZONTAL CABINET	400	0.130	N/A	13.88	10.05	1.84	80.00	56.96	8.29	42.00	57.00	6.10	1.00	75.00	89.07	0.52	140.00	127.78	208	1	1 - 7
AHU-1-3	CORR 137	TRANE FCAB030	FAN COIL - VERTICAL CONCEALED	300	0.130	N/A	9.89	7.42	1.31	80.00	57.30	4.21	42.00	57.00	4.70	1.00	75.00	89.45	0.52	140.00	130.59	208	1	1 - 7
AHU-1-4	MECH 132	TRANE FCBB020	FAN COIL - VERTICAL CABINET	300	0.130	N/A	9.89	7.42	1.31	80.00	57.30	4.21	42.00	57.00	4.70	1.00	75.00	89.45	0.52	140.00	130.59	208	1	1 - 7
AHU-1-5	BREAK ROOM 128	TRANE FCBB060	FAN COIL - VERTICAL CABINET	500	0.220	N/A	16.77	12.64	2.23	80.00	56.81	2.50	42.00	57.00	8.15	1.00	75.00	90.04	0.52	140.00	123.66	208	1	1 - 7
AHU-1-6	COMM CLERK 121	TRANE FCBB080	FAN COIL - VERTICAL CABINET	725	0.220	N/A	24.81	18.12	3.30	80.00	57.08	5.77	42.00	57.00	10.74	1.08	75.00	88.66	0.60	140.00	120.00	208	1	1 - 7
AHU-1-7	OFFICE 124	TRANE FCBB020	FAN COIL - VERTICAL CABINET	300	0.130	N/A	9.89	7.42	1.31	80.00	57.30	4.21	42.00	57.00	4.70	1.00	75.00	89.45	0.52	140.00	130.59	208	1	1 - 7
AHU-1-8	LANDING 126	TRANE FCAB030	FAN COIL - VERTICAL CONCEALED	250	0.130	N/A	8.60	6.37	1.14	80.00	56.64	3.18	42.00	57.00	4.43	1.00	75.00	91.32	0.52	140.00	131.14	208	1	1 - 7
AHU-1-9	ASSOC PROBATE JUDGE 138	TRANE FCBB030	FAN COIL - VERTICAL CABINET	350	0.130	N/A	11.05	8.40	1.47	80.00	57.97	5.26	42.00	57.00	3.86	0.50	75.00	85.17	0.13	140.00	124.52	208	1	1 - 7
AHU-1-10	ASSOC PROBATE JUDGE 139	TRANE FCBB020	FAN COIL - VERTICAL CABINET	300	0.130	N/A	9.89	7.42	1.31	80.00	57.30	4.21	42.00	57.00	4.70	1.00	75.00	89.45	0.52	140.00	130.59	208	1	1 - 7
AHU-1-11	PROBATE COURT RECEPTION 142	TRANE FCBB020	FAN COIL - VERTICAL CABINET	300	0.130	N/A	9.89	7.42	1.31	80.00	57.30	4.21	42.00	57.00	4.70	1.00	75.00	89.45	0.52	140.00	130.59	208	1	1 - 7
AHU-1-12	COMM CLERK 121	TRANE FCBB080	FAN COIL - VERTICAL CABINET	725	0.220	N/A	24.81	18.12	3.30	80.00	57.08	5.77	42.00	57.00	10.74	1.08	75.00	88.66	0.60	140.00	120.00	208	1	1 - 7
AHU-1-13	LANDING 126	TRANE FCAB030	FAN COIL - VERTICAL CONCEALED	250	0.130	N/A	8.60	6.37	1.14	80.00	56.64	3.18	42.00	57.00	4.43	1.00	75.00	91.32	0.52	140.00	131.14	208	1	1 - 7
AHU-1-14A	MAIN ENTRANCE 100	TRANE FCAB040	FAN COIL - VERTICAL CONCEALED	400	0.130	N/A	13.88	10.05	1.84	80.00	56.96	8.29	42.00	57.00	6.10	1.00	75.00	89.07	0.52	140.00	127.78	208	1	1 - 7
AHU-1-14B	MAIN ENTRANCE 100	TRANE FCAB040	FAN COIL - VERTICAL CONCEALED	400	0.130	N/A	13.88	10.05	1.84	80.00	56.96	8.29	42.00	57.00	6.10	1.00	75.00	89.07	0.52	140.00	127.78	208	1	1 - 7
AHU-1-15	JUDGE 102	TRANE FCDB040	FAN COIL - HORIZONTAL CABINET	400	0.130	N/A	13.88	10.05	1.84	80.00	56.96	8.29	42.00	57.00	6.10	1.00	75.00	89.07	0.52	140.00	127.78	208	1	1 - 7
AHU-1-16	SECURITY CAMERAS 117	TRANE FCBB030	FAN COIL - VERTICAL CABINET	350	0.130	N/A	11.05	8.40	1.47	80.00	57.97	5.26	42.00	57.00	3.86	0.50	75.00	85.17	0.13	140.00	124.52	208	1	1 - 7
AHU-1-17	PUBLIC COMPUTERS 116	TRANE FCBB030	FAN COIL - VERTICAL CABINET	350	0.130	N/A	11.05	8.40	1.47	80.00	57.97	5.26	42.00	57.00	3.86	0.50	75.00	85.17	0.13	140.00	124.52	208	1	1 - 7
AHU-1-18	LANDING 126	TRANE FCAB020	FAN COIL - VERTICAL CONCEALED	100	0.130	N/A	3.90	2.74	0.52	80.00	54.90	0.65	42.00	57.00	2.72	0.50	75.00	100.11	0.13	140.00	129.09	208	1	1 - 7
AHU-1-19	CLERK 104	TRANE FCDB030	FAN COIL - HORIZONTAL CABINET	300	0.130	N/A	9.89	7.42	1.31	80.00	57.30	4.21	42.00	57.00	4.70	1.00	75.00	89.45	0.52	140.00	130.59	208	1	1 - 7
AHU-1-20	CORR 110	TRANE FCAB020	FAN COIL - VERTICAL CONCEALED	100	0.130	N/A	3.90	2.74	0.52	80.00	54.90	0.65	42.00	57.00	2.72	0.50	75.00	100.11	0.13	140.00	129.09	208	1	1 - 7
AHU-1-21	CONF 109	TRANE FCDB030	FAN COIL - HORIZONTAL CABINET	300	0.130	N/A	9.89	7.42	1.31	80.00	57.30	4.21	42.00	57.00	4.70	1.00	75.00	89.45	0.52	140.00	130.59	208	1	1 - 7
AHU-1-22	CONF 107	TRANE FCAB030	FAN COIL - VERTICAL CONCEALED	300	0.130	N/A	9.89	7.42	1.31	80.00	57.30	4.21	42.00	57.00	4.70	1.00	75.00	89.45	0.52	140.00	130.59	208	1	1 - 7
AHU-1-23	PROBATE 106	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	500	0.220	N/A	16.77	12.64	2.23	80.00	56.81	2.50	42.00	57.00	7.39	0.74	75.00	88.62	0.29	140.00	120.00	208	1	1 - 7
AHU-1-24	PROBATE 106	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	500	0.220	N/A	16.77	12.64	2.23	80.00	56.81	2.50	42.00	57.00	7.39	0.74	75.00	88.62	0.29	140.00	120.00	208	1	1 - 7
AHU-1-25	PROBATE 106	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	500	0.220	N/A	16.77	12.64	2.23	80.00	56.81	2.50	42.00	57.00	7.39	0.74	75.00	88.62	0.29	140.00	120.00	208	1	1 - 7
AHU-1-26	PROBATE 106	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	500	0.220	N/A	16.77	12.64	2.23	80.00	56.81	2.50	42.00	57.00	7.39	0.74	75.00	88.62	0.29	140.00	120.00	208	1	1 - 7
AHU-2-1	BREAK ROOM 228	TRANE BCHE024	BLOWER COIL - HORIZONTAL CONCEALED	800	0.963	0.5	31.82	22.70	4.23	80.00	54.26	19.41	42.00	57.00	32.11	3.22	70.00	107.02	18.23	140.00	120.00	208	3	1 - 7
AHU-2-2	CORRIDOR 218	TRANE BCHE012	BLOWER COIL - HORIZONTAL CONCEALED	400	0.5	0.5	14.17	10.66	1.88	80.00	55.83	16.12	42.00	57.00	15.63	1.57	70.00	106.03	15.45	140.00	120.00	208	3	1 - 7
AHU-2-3	ROOM 213	TRANE BCHE024	BLOWER COIL - HORIZONTAL CONCEALED	650	0.5	0.5	26.86	18.90	3.57	80.00	53.63	18.67	42.00	57.00	28.19	2.82	70.00	109.99	17.69	140.00	120.00	208	3	1 - 7
AHU-2-4	OFFICES 222/223/225	TRANE BCHE036	BLOWER COIL - HORIZONTAL CONCEALED	1200	0.995	0.5	41.23	30.78	5.48	80.00	56.73	20.07	42.00	57.00	48.97	4.91	70.00	107.63	19.56	140.00	120.00	208	3	1 - 7
AHU-2-5	DEPUTY CLERK OF COURT 233	TRANE BCHE054	BLOWER COIL - HORIZONTAL CONCEALED	1850	1.5	0.5	66.64	48.48	8.85	80.00	56.23	22.41	42.00	57.00	70.81	7.09	70.00	105.29	21.29	140.00	120.00	208	3	1 - 7
AHU-2-6	MASTER-IN-EQUITY OFFICE 209	TRANE BCHE018	BLOWER COIL - HORIZONTAL CONCEALED	600	0.5	0.5	23.22	16.73	3.09	80.00	54.70	18.06	42.00	57.00	22.41	2.24	70.00	104.44	16.78	140.00	120.00	208	3	1 - 7
AHU-2-7	JUDGE 207	TRANE BCHE018	BLOWER COIL - HORIZONTAL CONCEALED	600	0.5	0.5	23.22	16.73	3.09	80.00	54.70	18.06	42.00	57.00	22.41	2.24	70.00	104.44	16.78	140.00	120.00	208	3	1 - 7
AHU-2-8	CONFERENCE 208	TRANE BCHE018	BLOWER COIL - HORIZONTAL CONCEALED	600	0.5	0.5	23.22	16.73	3.09	80.00	54.70	18.06	42.00	57.00	22.41	2.24	70.00	104.44	16.78	140.00	120.00	208	3	1 - 7
AHU-2-9	CONFERENCE 238/239	TRANE BCHE036	BLOWER COIL - HORIZONTAL CONCEALED	900	0.5	0.5	33.20	24.21	4.41	80.00	55.60	19.09	42.00	57.00	40.49	4.06	70.00	111.49	19.23	140.00	120.00	208	3	1 - 7
AHU-2-10	RESTROOMS 241/242	TRANE BCHE012	BLOWER COIL - HORIZONTAL CONCEALED	400	0.5	0.5	14.17	10.66	1.88	80.00	55.83	16.12	42.00	57.00	15.63	1.57	70.00	106.03	15.45	140.00	120.00	208	3	1 - 7
AHU-2-11	LOBBY 247	TRANE BCHE024	BLOWER COIL - HORIZONTAL CONCEALED	800	0.963	0.5	31.82	22.70	4.23	80.00	54.26	19.41	42.00	57.00	32.11	3.22	70.00	107.02	18.23	140.00	120.00	208	3	1 - 7
AHU-2-12	MASTER IN EQUITY 203	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	500	0.220	N/A	16.77	12.64	2.23	80.00	56.81	2.50	42.00	57.00	7.39	0.74	75.00	88.62	0.29	140.00	120.00	208	1	1 - 7
AHU-2-13	MASTER IN EQUITY 203	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	500	0.220	N/A	16.77	12.64	2.23	80.00	56.81	2.50	42.00	57.00	7.39	0.74	75.00	88.62	0.29	140.00	120.00	208	1	1 - 7
AHU-2-14	MASTER IN EQUITY 203	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	500	0.220	N/A	16.77	12.64	2.23	80.00	56.81	2.50	42.00	57.00	7.39	0.74	75.00	88.62	0.29	140.00	120.00	208	1	1 - 7
AHU-2-15	MASTER IN EQUITY 203	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	500	0.220	N/A	16.77	12.64	2.23	80.00	56.81	2.50	42.00	57.00	7.39	0.74	75.00	88.62	0.29	140.00	120.00	208	1	1 - 7
AHU-3-1	CORRIDOR 363	TRANE BCHE018	BLOWER COIL - HORIZONTAL CONCEALED	600	0.5	0.5	23.22	16.73	3.09	80.00	54.70	18.06	42.00	57.00	22.41	2.24	70.00	104.44	16.78	140.00	120.00	208	3	1 - 7
AHU-3-2	JUDGE 376	TRANE BCHE024	BLOWER COIL - HORIZONTAL CONCEALED	800	0.963	0.5	31.82	22.70	4.23	80.00	54.26	19.41	42.00	57.00	32.11	3.22	70.00	107.02	18.23	140.00	120.00	208	3	1 - 7
AHU-3-3	BREAK ROOM 369	TRANE BCHE024	BLOWER COIL - HORIZONTAL CONCEALED	800	0.963	0.5	31.82	22.70	4.23	80.00	54.26	19.41	42.00	57.00	32.11	3.22	70.00	107.02	18.23	140.00	120.00	208	3	1 - 7
AHU-3-4	LAW CLERK 368	TRANE BCHE024	BLOWER COIL - HORIZONTAL CONCEALED	800	0.963	0.5	31.82	22.70	4.23	80.00	54.26	19.41	42.00	57.00	32.11	3.22	70.00	107.02	18.23	140.00	120.00	208	3	1 - 7
AHU-3-5	JURY ROOM 358	TRANE BCHE036	BLOWER COIL - HORIZONTAL CONCEALED	900	0.5	0.5	33.20	24.21	4.41	80.00	55.60	19.09	42.00	57.00	40.49	4.06	70.00	111.49	19.23	140.00	120.00	208	3	1 - 7
AHU-3-6	COURTROOM 356	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	600	0.220	N/A	19.59	14.87	2.60	80.00	57.27	3.33	42.00	57.00	8.02	0.80	75.00	87.32	0.34	140.00	120.00	208	1	1 - 7
AHU-3-7	COURTROOM 356	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	600	0.220	N/A	19.59	14.87	2.60	80.00	57.27	3.33	42.00	57.00	8.02	0.80	75.00	87.32	0.34	140.00	120.00	208	1	1 - 7
AHU-3-8	COURTROOM 356	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	600	0.220	N/A	19.59	14.87	2.60	80.00	57.27	3.33	42.00	57.00	8.02	0.80	75.00	87.32	0.34	140.00	120.00	208	1	1 - 7
AHU-3-9	COURTROOM 356	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	600	0.220	N/A	19.59	14.87	2.60	80.00	57.27	3.33	42.00	57.00	8.02	0.80	75.00	87.32	0.34	140.00	120.00	208	1	1 - 7
AHU-3-10	COURTROOM 356	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	600	0.220	N/A	19.59	14.87	2.60	80.00	57.27	3.33	42.00	57.00	8.02	0.80	75.00	87.32	0.34	140.00	120.00	208	1	1 - 7
AHU-3-11	COURTROOM 356	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	600	0.220	N/A	19.59	14.87	2.60	80.00	57.27	3.33	42.00	57.00	8.02	0.80	75.00	87.32	0.34	140.00	120.00	208	1	1 - 7
AHU-3-12	COURTROOM 356	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	600	0.220	N/A	19.59	14.87	2.60	80.00	57.27	3.33	42.00	57.00	8.02	0.80	75.00	87.32	0.34	140.00	120.00	208	1	1 - 7
AHU-3-13	COURTROOM 356	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	600	0.220	N/A	19.59	14.87	2.60	80.00	57.27	3.33	42.00	57.00	8.02	0.80	75.00	87.32	0.34	140.00	120.00	208	1	1 - 7
AHU-3-14	COURTROOM 356	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	600	0.220	N/A	19.59	14.87	2.60	80.00	57.27	3.33	42.00	57.00	8.02	0.80	75.00	87.32	0.34	140.00	120.00	208	1	1 - 7
AHU-3-15	COURTROOM 356	TRANE FCAB060	FAN COIL - VERTICAL CONCEALED	600	0.220	N/A	19.59	14.87	2.60	80.00	57.27	3.33	42.00	57.00	8.02	0.80	75.00	87.32	0.34	140.00	120.00	208	1	1 - 7
AHU-3-16	CONFERENCE 354	TRANE BCHE036	BLOWER COIL - HORIZONTAL CONCEALED	900	0.5	0.5	33.20	24.21	4.41	80.00	55.60	19.09	42.00	57.00	40.49	4.06	70.00	111.49	19.23	140.00	120.00	208	3	1 - 7
AHU-3-17	OFFICE 349	TRANE BCHE018	BLOWER COIL - HORIZONTAL CONCEALED	600	0.5	0.5	23.22	16.73	3.09	80.00	54.70	18.06	42.00	57.00	22.41	2.24	70.00	104.44	16.78	140.00	120.00	208	3	1 - 7
AHU-3-18	CORRIDOR 346	TRANE BCHE018	BLOWER COIL - HORIZONTAL CONCEALED	500	0.5	0.5	20.15	14.31	2.68	80.00	54.04	17.48	42.00	57.00	20.05	2.01	70.00	106.98	16.36	140.00	120.00	208	3	1 - 7
AHU-3-19	JURY POOL 351	TRANE BCHE024	BLOWER COIL - HORIZONTAL CONCEALED	800	0.963	0.5	31.82	22.70	4.23	80.00	54.26	19.41	42.00	57.00	32.11	3.22	70.00	107.02	18.23	140.00	120.00	208	3	1 - 7
AHU-3-20	CONFERENCE 350	TRANE BCHE018	BLOWER COIL - HORIZONTAL CONCEALED	550	0.5	0.5	21.73	15.54	2.89	80.00	54.37	17.78	42.00	57.00	21.27	2.13	70.00	105.65	16.58	140.00	120.00	208	3	1 - 7
AHU-4-1A	EVIDENCE STORAGE 405	TRANE FCDB040	FAN COIL - HORIZONTAL CABINET	400	0.130	N/A	13.88	10.05	1.84	80.00	56.96	8.29	42.00	57.00	6.10	1.00	75.00	89.07	0.52	140.00	127.78	208	1	1 - 7
AHU-4-1B	MECHANICAL 404	TRANE FCDB040	FAN COIL - HORIZONTAL CABINET	400	0.130	N/A	13.88	10.05	1.84	80.00	56.96	8.29	42.00	57.00	6.10	1.00	75.00	89.07	0.52	140.00	127.78	208	1	1 - 7
AHU-4-2	OFFICE 402	TRANE BCHE024	BLOWER COIL - HORIZONTAL CONCEALED	750	0.981	0.5	30.23	21.46	4.02	80.00	54.04	19.19	42.00	57.00	30.87	3.09	70.00	107.95	18.07	140.00	120.00	208	3	1 - 7
AHU-4-3	NON-PUBLIC CONFERENCE 401	TRANE BCHE024	BLOWER COIL - HORIZONTAL CONCEALED	700	0.5	0.5	28.58	20.19	3.80	80.00	53.83	18.94	42.00	57.00	29.56	2.96	70.00	108.94	17.89	140.00	120.00	208	3	1 - 7

NOTES:

1. COOLING CAPACITIES BASHED ON 80°F DB / 67°F WB ENTERING COIL, HEATING CAPACITY BASED ON 70°F DB / 60°F WB ENTERING COIL.
2. PROVIDE FACTORY MOUNTED CONTROLS WITH BACNET COMMUNICATION PROTOCOL FOR INTEGRATION WITH ASI BMS.
3. PROVIDE UNIT WITH ECM FAN MOTORS.
4. PROVIDE UNIT WITH 1" THICK INTERNAL INSULATION.
5. PROVIDE WITH FACTORY MOUNTED DISCONNECT SWITCH.
6. PROVIDE A SECOND SET OF FILTERS TO BE INSTALLED PRIOR TO OPENING.
7. APPROVED EQUALS INCLUDE CARRIER AND ENVIRO-TEC

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST, YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL SCHEDULES

DRAWING NO.
M900

Drawn By: WJS Checked By: MAR

(BAR GRAPHIC IS 4" AT FULL SCALE) 0" 1" 2" 3" 4"

AIR-COOLED CHILLER SCHEDULE

MARK	MANUFACTURER MODEL	NOMINAL TONS	REFRIGERANT TYPE	COOLING EFFICIENCY	MAX KW AT FULL LOAD	EVAPORATOR				CONDENSER			COMPRESSORS			ELECTRICAL DATA		NOTES
						EWT (°F)	LWT (°F)	GPM	PRESSURE DROP (FT WG)	EAT (°F)	FAN QTY	FAN HP (EACH)	TYPE	NO. OF CIRCUITS	START TYPE	VOLTAGE	PHASE	
ACC-1	TRANE CGAM110	110	R-454B	9.776 EER	127.9	57	42	166.2	7.35	95	8	1.3	SCROLL	2	ACROSS THE LINE	480	3	1 - 7
ACC-2	TRANE CGAM110	110	R-454B	9.776 EER	127.9	57	42	166.2	7.35	95	8	1.3	SCROLL	2	ACROSS THE LINE	480	3	1 - 7

NOTES:
1. PROVIDE UNIT WITH SINGLE POINT ELECTRICAL CONNECTION.
2. PROVIDE WITH INTEGRAL DISCONNECT WITH LOCKABLE HANDLE FROM FACTORY.
3. PROVIDE FACTORY MOUNTED CONTROLS WITH BACNET COMMUNICATIONS PROTOCOL FOR INTEGRATION WITH ASI BMS.
4. PROVIDE SECURITY GRILLES AND HAIL GUARD.
5. PROVIDE WITH VIBRATION ISOLATION PACKAGE.
6. CHILLERS SIZED FOR N+1 REDUNDANCY. REFER TO SEQUENCE OF OPERATIONS FOR RUNNING ORDER AND ROTATION.
7. APPROVED EQUALS INCLUDE CARRIER AND DAIKIN.

HYDRONIC DEDICATED OUTSIDE AIR SYSTEM SCHEDULE

MARK	MANUFACTURER MODEL	FAN TYPE	SUPPLY FAN SELECTION				COOLING COIL							PREHEAT COIL						REHEAT COIL						ELECTRICAL DATA		WEIGHT (LBS)	NOTES
			OUTSIDE AIR (CFM)	ESP (IN. WG)	MOTOR HP	SUPPLY FAN QUANTITY	EAT (DB/WB) - LAT (DB/WB)	E.W.T. / L.W.T.	FACE VELOCITY (FPM)	TOTAL CAP. (MBH)	SENSIBLE CAP. (MBH)	FLOW (GPM)	WATER P.D (FT)	EDB / LDB	E.W.T. / L.W.T.	FACE VELOCITY (FPM)	TOTAL CAP (MBH)	FLOW (GPM)	WATER P.D (FT)	EDB / LDB	E.W.T. / L.W.T.	FACE VELOCITY (FPM)	TOTAL CAP. (MBH)	FLOW (GPM)	WATER P.D (FT)	VOLTAGE	PHASE		
DOAS-1	TRANE CSAA012	IMPELLER	4875	1.5	4.02	2	(81.7/76.9) - (51.88/51.78)	42°F/ 57°F	413	416.85	162.48	55.39	8.26	20.8°F / 55°F	140°F / 120°F	396	180.81	18.12	1.4	50°F / 75°F	140°F / 120°F	403	132.17	13.24	1.95	208	3	2756	1 - 8

NOTES:
1. PROVIDE UNIT WITH CABINET MOUNTED VARIABLE SPEED DRIVES ON ALL FANS, WITHIN ACCESS CORRIDOR AND FUSED DISCONNECTS UPSTREAM OF DRIVES.
2. PROVIDE UNIT WITH HORIZONTAL DISCHARGE.
3. INTERIOR SURFACES OF UNIT SHALL BE OF ALUMINUM. COIL FRAMES SHALL BE ALUMINUM OR STAINLESS STEEL.
4. UNIT SHALL BE MOUNTED ON CUSTOM FRAME. REFER TO STRUCTURAL DRAWINGS.
5. PROVIDE WITH UV DISINFECTING LIGHT.
6. PROVIDE WITH PLEATED MERV 8 PRE FILTERS.
7. SMOKE DETECTORS FURNISHED UNDER DIV. 26 INSTALLED UNDER DIV. 23 AND WIRED UNDER DIV. 26.
8. APPROVED EQUALS INCLUDE CARRIER AND DAIKIN.

CONDENSING BOILER SCHEDULE

MARK	MANUFACTURER MODEL	INPUT MBH	OUTPUT MBH	MINIMUM EFF.	FLOW (GPM)	WATER P.D (FT)	EWT (°F)	LWT (°F)	WATER PRESSURE DROP (FT WG)	ELECTRICAL DATA		NOTES
										VOLTAGE	PHASE	
B-1	LOCHINVAR CREST FB-1501	1500	1443	96.2%	144	12.3	120	140	12.3	120	1	1-9
B-2	LOCHINVAR CREST FB-1501	1500	1443	96.2%	144	12.3	120	140	12.3	120	1	1-9

NOTES:
1. BOILER SHALL BE CSD-1 COMPLIANT.
2. PROVIDE WITH STAINLESS STEEL HEAT EXCHANGER.
3. MINIMUM 10:1 TURNDOWN RATIO.
4. PROVIDE WITH CONDENSATE NEUTRALIZATION KIT.
5. BOILER SHALL BE COMPATIBLE WITH POLYPROPYLENE FLUE/COMBUSTION VENT SYSTEM.
6. PROVIDE BACNET IP COMMUNICATION PROTOCOL COMPATIBLE WITH ASI BMS.
7. PROVIDE 1 YEAR PARTS AND LABOR WARRANTY AND 10 YEAR HEAT EXCHANGER WARRANTY.
8. APPROVED EQUALS INCLUDE RAYPAK AND FULTON.
9. HEAT EXCHANGER SHALL BEAR THE ASME "H" STAMP.

AIR SEPARATOR SCHEDULE

MARK	MANUFACTURER MODEL	TYPE	SERVICE	MAX GPM	INLET SIZE (IN)	NOTES
AS-1	BELL AND GOSSETT 5360-04F-12-003	CENTRIFUGAL, WITH STRAINER	CHILLED WATER	300	4	1-5
AS-2	BELL AND GOSSETT 5360-04F-12-003	CENTRIFUGAL, WITH STRAINER	HOT WATER	300	4	1-5

NOTES:
1. PROVIDE WITH HIGH CAPACITY AUTOMATIC AIR VENT.
2. PROVIDE WITH MANUAL BLOW DOWN VALVE.
3. DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH SECTION VIII, DIVISION 1 OF THE ASME BOILER AND PRESSURE VESSEL CODE.
4. STAINLESS STEEL STRAINER.
5. APPROVED EQUALS INCLUDE TACO AND AMTROL.

PUMP SCHEDULE

MARK	MANUFACTURER MODEL	SERVICE	TYPE	FLOW (GPM)	HEAD (FT)	SUCTION SIZE (IN)	DISCHARGE SIZE (IN)	IMPELLER DIAMETER (IN)	MOTOR			ELECTRICAL DATA		WEIGHT LBS.	NOTES
									HP	RPM	CONTROL	VOLTAGE	PHASE		
S-CHWP-1	BELL & GOSSETT E-1510	SECONDARY CHILLED WATER	END SUCTION	226	74	6	6	9.5	7.5	1800	VFD	208	3	340	---
S-CHWP-2	BELL & GOSSETT E-1510	SECONDARY CHILLED WATER	END SUCTION	226	74	6	6	9.5	7.5	1800	VFD	208	3	340	---
P-CHP-1	BELL & GOSSETT E-1510	PRIMARY CHILLED WATER	END SUCTION	172	54	6	6	8.5	5	1800	VFD	460	3	265	---
P-CHP-2	BELL & GOSSETT E-1510	PRIMARY CHILLED WATER	END SUCTION	172	54	6	6	8.5	5	1800	VFD	460	3	265	---
S-HWP-1	BELL & GOSSETT E-1510	SECONDARY HOT WATER	END SUCTION	140	74	6	6	9.5	7.5	1800	VFD	208	3	340	---
S-HWP-2	BELL & GOSSETT E-1510	SECONDARY HOT WATER	END SUCTION	140	74	6	6	9.5	7.5	1800	VFD	208	3	340	---
P-BP-1	BELL & GOSSETT E-80	PRIMARY HOT WATER	IN-LINE	144	30	6	6	6.125	2	1800	VFD	208	3	180	---
P-BP-2	BELL & GOSSETT E-80	PRIMARY HOT WATER	IN-LINE	144	30	6	6	6.125	2	1800	VFD	208	3	180	---

NOTES:
1. SINGLE POINT POWER CONNECTION.
2. PROVIDE WITH VARIABLE FREQUENCY DRIVE, SUCTION AND DISCHARGE PRESSURE TRANSMITTERS, AND DISCHARGE TEMPERATURE SENSOR.
3. PACKAGE SHALL BE HYDROSTATICALLY AND FLOW TESTED PRIOR TO SHIPMENT.
4. PROVIDE WITH OSHA COUPLING GUARDS.
5. PROVIDE WITH STANDARD SEALS.
6. PROVIDE WITH PUMP SUCTION DIFFUSER, DRIP PAN, AND TRIPLE DUTY VALVE.
7. PROVIDE WITH SHUT OFF VALVE AND STRAINER UPSTREAM OF PUMP.
8. APPROVED EQUALS INCLUDE TACO AND ARMSTRONG.

VENTILATION COMPLIANCE SCHEDULE

MARK	FLOOR	AREA SERVED	AREA (FT^2)	PEOPLE PER 1000 FT^2	NUMBER OF PEOPLE	AIRFLOW PER PERSON	AIRFLOW PER FT^2	OUTSIDE AIR REQUIRED (CFM)	TOTAL OUTSIDE AIR REQUIRED (CFM)	TOTAL OUTSIDE AIR PROVIDED (CFM)
DOAS-1	1ST FLOOR	MAIN ENTRANCE 100	306	30	10	7.5	0.06	94	1020	1375
		CORRIDOR 101	832	---	---	---	0.06	50		
		JUDGE 102	195	5	1	5	0.06	17		
		CLERK 104	96	5	1	5	0.06	11		
		PROBATE COURT 106	1076	70	76	5	0.06	445		
		CONFERENCE 107	102	50	6	5	0.06	37		
		CONFERENCE 109	82	50	5	5	0.06	30		
		CORRIDOR 110	143	---	---	---	0.06	9		
		PUBLIC COMPUTERS 116	160	5	1	5	0.06	15		
		SECURITY 117	147	5	1	5	0.06	14		
		OPEN OFFICE 119 &120	209	5	2	5	0.06	23		
		RECEPTION 121	92	30	3	5	0.06	21		
		COMM CLERK 122	248	5	2	5	0.06	25		
		OFFICE 124	157	5	1	5	0.06	15		
		STAFF OFFICE 125	128	5	1	5	0.06	13		
		BREAK ROOM 128	152	50	8	5	0.12	59		
		CORRIDOR 129	220	---	---	---	0.06	14		
		STORAGE 134	390	---	---	---	0.12	47		
		CORRIDOR 137	440	---	---	---	0.06	27		
		ASSOCIATE PROBATE 138	150	5	1	5	0.06	14		
		ASSOCIATE PROBATE 139	225	5	2	5	0.06	24		
		COMM CLERK 142	175	5	1	5	0.06	16		
	2ND FLOOR	CORRIDOR 201	970	---	---	---	0.06	59	1104	1255
		MASTER-IN-EQUITY COURTROOM 203	1098	70	77	5	0.06	451		
		JUDGE 207	338	5	2	5	0.06	31		
		CONFERENCE 208	159	50	8	5	0.06	50		
		MASTER-IN-EQUITY OFFICE 209	410	5	3	5	0.06	40		
		OFFICE 213	230	5	2	5	0.06	24		
		CORRIDOR 218	476	---	---	---	0.06	29		
		OFFICE 222	150	5	1	5	0.06	14		
		OFFICE 223	238	5	2	5	0.06	25		
		OFFICE 224	108	5	1	5	0.06	12		
		OFFICE 225	236	5	2	5	0.06	25		
		BREAK ROOM 228	160	50	8	5	0.12	60		
		STAFF 232	486	5	3	5	0.06	45		
		DEPUTY CLERK OF COURT OFFICE 233	162	5	1	5	0.06	15		
		PUBLIC COMPUTERS 236	162	5	1	5	0.06	15		
		CONFERENCE 238	136	50	7	5	0.06	44		
		CONFERENCE 239	181	50	10	5	0.06	61		
		LOBBY 247	343	30	11	7.5	0.06	104		
	3RD FLOOR	CORRIDOR 301	417	---	---	---	0.06	26	1828	2040
		OFFICE 304	71	5	1	5	0.06	10		
		CONFERENCE 305	206	50	11	5	0.06	68		
		JURY POOL 306	344	50	18	5	0.06	111		
		CONFERENCE 309	302	50	16	5	0.06	99		
		COURT ROOM 311	3014	70	211	5	0.06	1236		
		JURY ROOM 313	261	50	14	5	0.06	86		
		OFFICE 317	108	5	1	5	0.06	12		
		CORRIDOR 318	197	---	---	---	0.06	12		
		COURT REPORTER 321	87	5	1	5	0.06	11		
		OFFICE 322	229	5	2	5	0.06	24		
		LAW CLERK 323	232	5	2	5	0.06	24		
		BREAK ROOM 324	149	50	8	5	0.12	58		
		CORRIDOR 328	277	---	---	---	0.06	17		
		CORRIDOR 331	129	---	---	---	0.06	8		
		OFFICE 332	254	5	2	5	0.06	26		
	4TH FLOOR	OFFICE 401	337	5	2	5	0.06	31	180	205
		OFFICE 402	350	5	2	5	0.06	31		
		FILES 404/405	920	---	---	---	0.12	111		
		CORRIDOR 406	112	---	---	---	0.06	7		
								TOTAL	4132	4675

NOTES:
1. PEOPLE DENSITY, CFM PER PERSON, AND CFM PER SQUARE FOOT ARE BASED ON THE MECHANICAL CODE DEFAULT VALUES UNLESS NOTED OTHERWISE.
2. WHERE NOTED PEOPLE COUNT IS BASED ON SEAT COUNT OR ACTUAL NUMBER OF PEOPLE.

CONDENSATE PUMP SCHEDULE

MARK	MANUFACTURER MODEL	UNIT SERVED	FLOW (GPH)	HEAD (FT)	LIFT (FT)	ELECTRICAL DATA		NOTES
						VOLTAGE	PHASE	
CP-1	BLUE DIAMOND PUMP MAXIBLUE X87-711	ALL INDOOR AHU'S	3.7	23	16.5	120	1	1-3

NOTES:
1. PROVIDE PUMP WITH CONDENSATE RESERVOIR.
2. PUMP TO BE POWERED INDEPENDENTLY.
3. ACCEPTABLE ALTERNATE MANUFACTURERS INCLUDE ASPEN PUMPS INC. AND LIBERTY.

EXPANSION TANK SCHEDULE

MARK	MANUFACTURER MODEL	TYPE	SERVICE	MAX ACCEPTANCE (GAL)	SYSTEM CONNECTION SIZE (IN)	FILL CONNECTION SIZE (IN)	NOTES
EXP-1	BELL & GOSSETT B35	BLADDER	CHILLED WATER	10	3/4"	3/4"	1-5
EXP-2	BELL & GOSSETT B100	BLADDER	HOT WATER	26	1	3/4"	1-5

NOTES:
1. DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH SECTION VIII, DIV. 1 OF THE ASME BOILER AND PRESSURE VESSEL CODE.
2. PROVIDE WITH PRESSURE GAUGE, BLADDER INTEGRITY MONITOR, AND AIR CHARGING VALVE.
3. CARBON STEEL SHELL.
4. REPLACEABLE HEAVY DUTY BUTYL RUBBER BLADDER.
5. APPROVED EQUALS INCLUDE TACO AND AMTROL.

MAKEUP WATER ASSEMBLY SCHEDULE

MARK	MANUFACTURER MODEL	SIZE (IN)	DESCRIPTION	FILL CONNECTION SIZE (IN)	NOTES
MU-1	HYFAB MUA075-L-075-050-R	3/4"	REDUCED PRESSURE BACKFLOW PREVENTER, ASSE 1013, PRESSURE REDUCING VALVE, 10-25,SET TO 15 PSI, PRESSURE RLIEF VALVE, RELIEF SETTING OF 50 PSI, ASME SECTION IV	3/4"	1-2
MU-2	HYFAB MUA075-H-075-050-R	3/4"	REDUCED PRESSURE BACKFLOW PREVENTER, ASSE 1013, PRESSURE REDUCING VALVE, 25-60,SET TO 30 PSI, PRESSURE RLIEF VALVE, RELIEF SETTING OF 50 PSI, ASME SECTION IV	3/4"	1-2

NOTES:
1. RPZ, PRV, AND RV MAY BE USED IN LIEU OF PRE-ENGINEERED MAKEUP WATER ASSEMBLY.
2. APPROVED EQUALS FOR VALVES INCLUDE BELL AND GOSSETT, WATTS, AND ZURN.

AIR DISTRIBUTION SCHEDULE

MARK	TYPE	DESCRIPTION	DESIGN BASIS		FACE SIZE	NECK SIZE	MATERIAL	NOTES
			MANUF.	MODEL				
S-1	SUPPLY	SQUARE CONE, FIXED PATTERN, 3-CONE LAY-IN	PRICE	ASCD	24"x24"	6"Ø	ALUMINUM	1 - 4
S-2	SUPPLY	SQUARE CONE, FIXED PATTERN, 3-CONE LAY-IN	PRICE	ASCD	24"x24"	8"Ø	ALUMINUM	1 - 4
S-3	SUPPLY	SQUARE CONE, FIXED PATTERN, 3-CONE LAY-IN	PRICE	ASCD	24"x24"	10"Ø	ALUMINUM	1 - 4
S-4	SUPPLY	LOUVER, DOUBLE DEFL, LONG BLADES IN FRONT, 3/4" SPACING, DUCT-MOUNT	PRICE	620L	6"x6"	----	ALUMINUM	1, 2, 4
S-5	SUPPLY	LOUVER, DOUBLE DEFL, LONG BLADES IN FRONT, 3/4" SPACING, DUCT-MOUNT	PRICE	620L	8"x12"	----	ALUMINUM	1, 2, 4
S-6	SUPPLY	LOUVER, DOUBLE DEFL, LONG BLADES IN FRONT, 3/4" SPACING, WALL-MOUNT	PRICE	620L	4"x14"	----	ALUMINUM	1, 2, 4
S-7	SUPPLY	LOUVER, DOUBLE DEFL, LONG BLADES IN FRONT, 3/4" SPACING, WALL-MOUNT	PRICE	620L	6"x26"	----	ALUMINUM	1, 2, 4
R-1	RETURN	PERFORATED DIFFUSER, LAY-IN	PRICE	PDDR	24"x24"	8"x8"	ALUMINUM	2, 3, 4
R-2	RETURN	PERFORATED DIFFUSER, LAY-IN	PRICE	PDDR	24"x24"	10"x10"	ALUMINUM	2, 3, 4
R-3	RETURN	PERFORATED DIFFUSER, LAY-IN	PRICE	PDDR	24"x24"	12"x12"	ALUMINUM	2, 3, 4
R-4	RETURN	PERFORATED DIFFUSER, LAY-IN	PRICE	PDDR	24"x24"	14"x14"	ALUMINUM	2, 4
R-5	RETURN	PERFORATED DIFFUSER, LAY-IN	PRICE	PDDR	24"x24"	16"x16"	STEEL	2, 4
T-1	TRANSFER	PERFORATED DIFFUSER, LAY-IN	PRICE	PDDR	24"x24"	8"x8"	ALUMINUM	2, 4
T-2	TRANSFER	PERFORATED DIFFUSER, LAY-IN	PRICE	PDDR	24"x24"	10"x10"	ALUMINUM	2, 4
EX-1	SUPPLY	SQUARE PLAQUE, FIXED PATTERN	---	---	---	---	---	5
EX-2	SUPPLY	LINEAR SLOT DIFFUSER	---	---	---	---	---	5
EX-3	SUPPLY	LINEAR SLOT DIFFUSER	---	---	---	---	---	5

NOTES:
1. PROVIDE OPPOSED BLADE DAMPERS IN NECK OF DIFFUSER OR REGISTER, WITH ACCESS TO DAMPER THROUGH FACE OF DIFFUSER OR REGISTER.
2. FINISH SHALL BE COORDINATED WITH ARCHITECTURAL PLANS.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR MOUNTING TYPE.
4. ACCEPTABLE EQUALS INCLUDE METALAIRE AND TITUS.
5. EXISTING DIFFUSER TO REMAIN.

LOUVER SCHEDULE

MARK	MANUFACTURER MODEL	OPENING	FREE AREA (FT^2)	MAX VELOCITY (FPM)	PRESSURE DROP (IN. WG)	SCREEN TYPE	NOTES
L-1	RUSKIN ELF6375DX	36"x52"	7.28	1023	0.001	BIRD	1 - 5

NOTES:
1. LOUVER DIMENSIONS ARE 1/4" LESS THAN OPENING DIMENSIONS.
2. LOUVER SHALL BE AMCA CERTIFIED.
3. PROVIDE WITH MANUFACTURER STANDARD CORROSION RESISTANT FINISH.
4. FINISH SHALL BE SELECTED BY ARCHITECT.
5. ACCEPTABLE ALTERNATE MANUFACTURERS SHALL BE GREENHECK.

GRAVITY HOOD SCHEDULE

MARK	SERVICE	MANUFACTURER MODEL	THROAT SIZE	MAX PRESSURE DROP (IN WG)	DESIGN CFM	NOTES
GRH-1	BLDG RELIEF	GREENHECK GRSR-15	18"x18"	0.10	925	1 - 7

NOTES:
1. PROVIDE WITH INTEGRAL BIRD SCREEN.
2. PROVIDE WITH MANUFACTURER'S STANDARD CORROSION RESISTANT FINISH.
3. FINISH SHALL BE SELECTED BY ARCHITECT.
4. PROVIDE WITH ROOF CURB.
5. HOOD SHALL BE AMCA CERTIFIED.
6. MAXIMUM THROAT VELOCITY SHALL NOT EXCEED 500 FPM.
7. ACCEPTABLE ALTERNATE MANUFACTURERS SHALL BE LOREN COOK AND RUSKIN.

MINI-SPLIT SYSTEM SCHEDULE

OUTSIDE UNIT MARK	MANUFACTURER	CONDENSING UNIT (OUTSIDE)						AIR HANDLING UNIT (INSIDE)							ELECTRICAL DATA		NOTES
		MODEL	NOMINAL TONS	COOLING			WEIGHT (LBS)	INSIDE UNIT MARK	AREA SERVED	MODEL	NOMINAL TONS	TYPE	SUPPLY AIR (CFM)	WEIGHT (LBS)	VOLTAGE	PHASE	
				TOTAL (MBH)	SENSIBLE (MBH)	SEER2											
CU-1	MITSUBISHI ELECTRIC	PUY-AL18NL	1.5	18	10.8	19.5	99	AC-1	COM 127	PKA-AL18NL	1.5	WALL HUNG CASSETTTE	450	28	208	1	1-6
CU-2	MITSUBISHI ELECTRIC	PUY-AL24NL	2	24	17.3	21.1	155	AC-2	IT 229	PKA-AL24NL	2	WALL HUNG CASSETTTE	775	46	208	1	1-6

NOTES:
1. ACCEPTABLE ALTERNATE MANUFACTURERS INCLUDE CARRIER AND DAIKIN APPLIED.
2. SIZING BASED ON AMBIENT TEMPERATURES OF 95°F DB AND 67°F WB (SUMMER).
3. UNIT SHALL BE U.L. LISTED AND ARI CERTIFIED UNIT.
4. MAXIMUM REFRIGERANT LINE LENGTH SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
5. PROVIDE MANUFACTURER'S STANDARD 7 DAY PROGRAMMABLE THERMOSTAT WITH AUTO HEAT/COOL CHANGEOVER. REFER TO PLAN FOR THERMOSTAT LOCATIONS.
6. PROVIDE WITH CONCEALED CONDENSATE PUMP.

(BAR GRAPHIC IS 4" AT FULL SCALE) 0" 1" 2" 3" 4"

DEVITA & ASSOCIATES, INC. No. C00415 CERTIFICATE OF AUTHORIZATION SOUTH CAROLINA

No. 16805 REGISTERED PROFESSIONAL ENGINEER SOUTH CAROLINA

SEALS

DEVITA Engineering Great Ideas

ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

York County South Carolina

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST, YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
MECHANICAL SCHEDULES

DRAWING NO.
M901

Drawn By: WJS Checked By: MAR

WIRING DEVICE SYMBOL LEGEND

SYMBOL	DESCRIPTION
A-1	HOMERUN TO LIGHTING/SERVICE PANEL. HOMERUN INDICATES PANEL NAME AND CIRCUIT NUMBER OR FEEDER TAG. CONDUCTORS SHALL BE #12 AWG IN 3/4" CONDUIT (1" UNDERGROUND) UNLESS NOTED OTHERWISE. HOMERUNS MAY BE COMBINED INTO A COMMON RACEWAY FOR 20A SINGLE PHASE CIRCUITS. PROVIDE DEDICATED NEUTRALS. MAXIMUM OF (6) #12 AWG CURRENT CARRYING CONDUCTORS SHALL BE PROVIDED IN RACEWAY. COMPLY WITH NEC FOR CONDUCTOR DERATING AND CONDUIT FILL.
	CONDUIT STUB
	CONDUIT TURNED DOWN
	CONDUIT TURNED UP
	CONDUIT INSTALLED BELOW GRADE OR BELOW FINISHED FLOOR
E101	ELECTRICAL CONNECTION TO EQUIPMENT ITEM 'E101' (LETTER DESIGNATION AS APPLICABLE) - SEE CORRESPONDING EQUIPMENT CONNECTION SCHEDULE
	DUPLEX RECEPTACLE AT 18" AFF, UNO. NEMA 5-20R.
	QUADRUPLEX RECEPTACLE AT 18" AFF, UNO. NEMA 5-20R.
	DUPLEX RECEPTACLE - CEILING MOUNTED. NEMA 5-20R.
	DUPLEX RECEPTACLE - FLOOR MOUNTED. NEMA 5-20R.
	SINGLE RECEPTACLE AT 18" AFF, UNO. NEMA 5-20R. FOR RECEPTACLES ABOVE, SUBSCRIPT DEFINITION AS FOLLOWS: GFI - GROUND FAULT DEVICE USB - DEVICE WITH USB PORT WR - UL LISTED WEATHER-RESISTANT (WR) DEVICE WP - WEATHERPROOF WHILE-IN-USE COVER AC - MOUNTED 8" ABOVE COUNTER
	SPECIAL PURPOSE RECEPTACLE - HEIGHT AND TYPE AS NOTED ON DRAWINGS
	SURFACE RACEWAY
J	JUNCTION BOX - MOUNTING HEIGHT AND SIZE AS REQUIRED BY CODE OR AS NOTED ON DRAWINGS
J	JUNCTION BOX - FLOOR MOUNTED. SIZE AS REQUIRED BY CODE OR AS NOTED ON DRAWINGS
	VERTICAL SERVICE POWER POLE
	COMBINATION IN FLOOR POWER / DATA / A/V DEVICE.
	PUSHBUTTON
	MOTOR. SEE DRAWINGS FOR DESCRIPTION
30A/3P/20/1	SAFETY DISCONNECT SWITCH. "30" INDICATES AMP RATING, "3P" INDICATES NUMBER OF POLES, "20" INDICATES FUSE SIZE, "1" INDICATES NEMA ENCLOSURE RATING (1, 3R, 4X, ETC). HEAVY DUTY SAFETY SWITCH UNLESS NOTED OTHERWISE. "NF" INDICATES NON-FUSED.
	COMBINATION MOTOR STARTER
	MOTOR STARTER
B	DOOR BELL

FIRE ALARM SYMBOL LEGEND

SYMBOL	DESCRIPTION
FAAP	FIRE ALARM ANNUNCIATOR PANEL - WALL MOUNTED AT 60" AFF TO CENTER, UNO
FACP	FIRE ALARM CONTROL UNIT; "D" SUBSCRIPT INDICATES DEDICATED UNIT
FATC	FIRE ALARM TERMINAL CABINET - WALL MOUNTED AT 72" AFF TO TOP, UNO
ARCM	AREA OF REFUGE EMERGENCY COMMUNICATION SYSTEM MASTER UNIT
ARCR	AREA OF REFUGE EMERGENCY COMMUNICATION SYSTEM REMOTE UNIT
RTS	REMOTE TEST STATION FOR FA DUCT DETECTOR
NAC $_{n}$	NOTIFICATION CIRCUIT POWER BOOSTER, EXTENDER PANEL. "n" = UNIT NUMBER
PRE	PRE-ACTION SYSTEM / CONTROL UNIT
SD	SMOKE DAMPER CONNECTION
ES	ELEVATOR SHUTDOWN CONNECTION
ER	ELEVATOR RECALL CONNECTION
FH	ELEVATOR FIREMAN'S HAT LIGHT CONNECTION
VM	ELEVATOR SHUNT TRIP VOLTAGE MONITOR CONNECTION
AIM	ADDRESSABLE INPUT MONITOR MODULE
AOM	ADDRESSABLE OUTPUT MONITOR MODULE
IM	ISOLATION MODULE
CO	CO DETECTOR
H $_{XX}$	HEAT DETECTOR. "XX" = TYPE/BASIC SHAPE
WF	WATER FLOW DETECTOR / SWITCH
RL	NON-ADDRESSABLE OUTPUT RELAY
SS	SURGE SUPPRESSOR
VS	VALVE SUPERVISORY SWITCH
F	FIRE ALARM PULL STATION AT 44" AFF. UNO
S	FIRE ALARM SMOKE DETECTOR / SENSOR
S $_{A}$	RELAY BASE
SS	SMOKE ALARM. SINGLE STATION
S	SMOKE DETECTOR / SENSOR FOR DUCT
F $_{SD}$	FIRE ALARM SYSTEM BELL - SINGLE STROKE
F $_{G}$	GONG
H $_{CD}$	COMBINATION HORN / VISIBLE; cd = CANDELA RATING
S $_{W}$ H $_{CD}$	COMBINATION SPEAKER / VISIBLE; W = WATTAGE, cd = CANDELA RATING
F $_{H}$	HORN ONLY
H $_{C}$	CEILING MOUNT INDICATOR
RTS	REMOTE ALARM INDICATING AND TEST SWITCH
S $_{W}$	SPEAKER ONLY, WALL MOUNT; W = WATTAGE
H $_{CD}$	VISIBLE ONLY (STROBE), CEILING MOUNT; CD = CANDELA RATING
H $_{CD}$	VISIBLE ONLY (STROBE), WALL MOUNT; CD = CANDELA RATING
DH	DOOR HOLDER
	SUBSCRIPT DEFINITIONS: C - CEILING MOUNTED WP - WEATHERPROOF WG - WIRE GUARD

DISTRIBUTION SYMBOL LEGEND

SYMBOL	DESCRIPTION
	ELECTRICAL PANEL, SURFACE MOUNTED.
	ELECTRICAL PANEL, FLUSH MOUNTED.
T1	TRANSFORMER
ATS	AUTOMATIC TRANSFER SWITCH

LIGHTING & CONTROL SYMBOL LEGEND

SYMBOL	DESCRIPTION
$	20A SWITCH AT 44" CL AFF, UNO
D	WALL DIMMER FOR SWITCH AND DIMMER ABOVE, SUBSCRIPT DEFINITION AS FOLLOWS: a,b - SWITCHING SCHEME m - MOTOR RATED P - PILOT LIGHT 3 - 3-WAY SWITCH 4 - 4-WAY SWITCH o - OCCUPANCY SENSOR v - VACANCY SENSOR WP - PROVIDE WITH WEATHERPROOF COVER
OS	LIGHTING CONTROL OCCUPANCY SENSOR - CEILING MOUNTED
PC	LIGHTING CONTROL PHOTOCELL
DS	DAYLIGHT SENSOR
	INTERIOR LIGHT FIXTURES AS SPECIFIED ON THE LIGHT FIXTURE SCHEDULE. REFER ALSO TO LIGHTING CIRCUITING GUIDE.
NL	LIGHT FIXTURE, HALF SHADING INDICATES EMERGENCY BACKUP. "NL" INDICATES 24/7 OPERATION (UNSWITCHED).
	EXTERIOR LIGHT FIXTURES AS SPECIFIED ON THE LIGHT FIXTURE SCHEDULE. REFER ALSO TO LIGHTING CIRCUITING GUIDE.
	EMERGENCY LIGHTING FIXTURE, WITH BATTERY. REFER TO LIGHT FIXTURE SCHEDULE
	EXIT SIGN. WHERE USED, ARROW INDICATES CHEVRON DIRECTION.
	CEILING FAN
	LIGHTING FIXTURE AS SCHEDULED; NORMAL POWER BRANCH
	LIGHTING FIXTURE AS SCHEDULED; EMERGENCY GENERATOR POWER BRANCH

LIGHTING CIRCUITING GUIDE

SYMBOL	DESCRIPTION
B / X-1 (a)	LIGHTING TYPE AND CIRCUIT DESIGNATION X: REFER TO PANEL SCHEDULE, PER DRAWING 1: CIRCUIT NUMBER B: LIGHT FIXTURE TYPE, REFER TO LIGHT FIXTURE SCHEDULE SWITCHING SCHEME OR ZONE

POWER CIRCUITING GUIDE

SYMBOL	DESCRIPTION
XXX (X-1)	POWER CIRCUITING DESIGNATION X: REFER TO PANEL SCHEDULE, PER DRAWING 1: CIRCUIT NUMBER DEVICE, JUNCTION BOX, FLOOR BOX, ETC EQUIPMENT ABBREVIATION, REFER TO LEGEND AND ABBREVIATION SCHEDULE FOR ADDITIONAL INFORMATION

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ACH	ABOVE COUNTER HEIGHT
AL	ALUMINUM
BKR	BREAKER
CU	COPPER
CKT	CIRCUIT
DWG	DRAWING
EC	EMPTY CONDUIT
EF	EXHAUST FAN
EWC	ELECTRIC WATER COOLER
ETR	EXISTING TO REMAIN
FLA	FULL LOAD AMPS
FU	FUSE
FWE	FURNISHED WITH EQUIPMENT
GC	GENERAL CONTRACTOR
GFI/GFCI	GROUND FAULT INTERRUPTER DEVICE
HPS	HIGH PRESSURE SODIUM
IG	ISOLATED GROUND
LRA	LOCKED ROTOR AMPS
LTG	LIGHTING(L)
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MFR	MANUFACTURER
MH	METAL HALIDE
MLO	MAIN LUG ONLY
MOCP	MAXIMUM OVERCURRENT CIRCUIT PROTECTION
MSB	MAIN SWITCHBOARD
NL	NIGHT LIGHT
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PH	PHASE
PNL	PANEL
RCPT	RECEPTACLE
REQD	REQUIRED
RTU	ROOFTOP UNIT
SP	SURGE PROTECTED DEVICE
SW	SWITCH
UGND	UNDERGROUND
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
W/	WITH
WH	WATER HEATER
WP	WEATHER PROOF
XFMR	TRANSFORMER

ELECTRICAL GENERAL NOTES:

A. CONTRACTOR IS RESPONSIBLE TO REVIEW AND UNDERSTAND ALL DRAWINGS AND ALL WORK OF ALL TRADES TO ENSURE A COMPLETE AND THOROUGH PROJECT. CONTRACTOR SHALL COOPERATE AND COORDINATE ALL PHASES OF WORK WITH OTHER DISCIPLINES AND GENERAL CONTRACTOR.

B. VISIT THE SITE AND THOROUGHLY FAMILIARIZE WITH EXISTING CONDITIONS, VERIFY LOCATIONS, CONDUIT ROUTINGS, COORDINATE WITH EXISTING EQUIPMENT, ETC. BEFORE SUBMITTING A BID. ANY DISCREPANCIES SHALL BE REPORTED BEFORE THE BID DATE.

C. FIELD DETERMINE THE EXACT EXISTING CONDITIONS AND EXTENT OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT, INCLUDING ALL EQUIPMENT RATINGS AND FEEDER SIZES. EXISTING CONDITIONS INDICATED ON THESE DRAWINGS ARE TAKEN FROM EXISTING BUILDING DOCUMENTS AND/OR FIELD OBSERVATION. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE ELECTRICAL CONTRACTOR IS RESPONSIBLE THAT MAY NOT BE SPECIFICALLY ADDRESSED IN THESE DRAWINGS.

D. VERIFY ALL DIMENSIONS AND CLEARANCES PRIOR TO INSTALLATION OF EQUIPMENT AND RACEWAYS.

E. ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH RECOGNIZED STANDARDS OF WORKMANSHIP. ALL WORK SHALL BE INSTALLED IN A NEAT AND ORDERLY MANNER.

F. ALL ELECTRICAL CONSTRUCTION SHALL CONFORM TO THE NEC 2020, APPLICABLE NEMA, ANSI, AND IEEE PUBLICATIONS, U.L. STANDARDS, AND OSHA REQUIREMENTS. WORK SHALL COMPLY WITH LOCAL, COUNTY, STATE, AND NATIONAL CODES HAVING JURISDICTION.

G. CONDUIT PENETRATIONS OF ROOF, WALLS, FLOORS, AND CEILINGS SHALL BE SEALED TO PRESERVE THE INTEGRITY OF WATERPROOFING, FIRE RATING, AND SOUNDPROOFING FOR WHICH THE ROOF, WALL, FLOOR, OR CEILING IS DESIGNED. MATERIALS AND METHODS USED SHALL CONFORM TO THAT SPECIFIED UNDER ARCHITECTURAL SECTIONS AND SHALL COMPLY WITH STATE AND LOCAL BUILDING AND FIRE CODES. COORDINATE WITH GENERAL CONTRACTOR TO ENSURE THAT SEALING/FIRESTOPPING IS DONE.

H. ALL WORK SHALL HAVE PROPER LABELING. ALL CIRCUITS SHALL BE LABELED AT PANELS AND ON RECEPTACLE DEVICE OUTLET PLATES. ALL PANELS AND DISCONNECTS SHALL BE PERMANENTLY MARKED WITH NAME OR EQUIPMENT SERVED. ALL PANELS SHALL BE PROVIDED WITH TYPEWRITTEN PANEL SCHEDULES.

I. ALL EQUIPMENT, FIXTURES, DEVICES, AND MATERIALS SHALL BE FREE OF CORROSION, DIRT, PAINT, SPLATTER OR DAMAGE OF ANY SORT AT FINAL ACCEPTANCE OF THE WORK. ELECTRICAL CONTRACTOR SHALL CLEAN, REPAIR OR REPLACE SAME AS INSTRUCTED BY OWNER BEFORE FINAL PAYMENT.

DEMOLITION/RENOVATION NOTES:

DA. REFER TO ARCHITECTURAL AND MECHANICAL DEMOLITION DRAWINGS AND SPECIFICATIONS FOR COORDINATION AND ADDITIONAL REQUIRED WORK.

DB. IN SPACES THAT ARE BEING RENOVATED WHERE THE CEILING AND/OR WALLS ARE BEING DEMOLISHED, THE LIGHTING FIXTURES, DEVICES, ETC. SHALL BE REMOVED UNLESS NOTED OTHERWISE. ABANDONED DEVICES SHALL BE REMOVED WITH THE OUTLET BOX.

DC. FOR ITEMS TO BE DEMOLISHED, REMOVE WIRING/CONDUIT BACK TO THE LAST ACTIVE DEVICE OR SOURCE PANELBOARD. MAINTAIN CIRCUIT CONTINUITY TO REMAINING ITEMS ON CIRCUITS REQUIRED TO REMAIN. RELOCATE ANY CIRCUITS TO REMAIN TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

DD. PATCH AND REPAIR ALL SURFACES CONTAINING DEMOLITION. COORDINATE WITH ARCHITECTURAL DRAWINGS. MATERIALS AND FINISHES SHALL MATCH ADJACENT SURFACES.

DE. ANY EXISTING ELECTRICAL DEVICES LEFT WITHOUT POWER DUE TO THIS RENOVATION SHALL BE RECONNECTED TO SAME SIZE CIRCUIT(S) AS PRESENTLY SERVED. NO ELECTRICAL DEVICES SHALL BE LEFT WITHOUT POWER.

DF. IF OTHER AREAS OF THE FACILITY ARE SERVED THROUGH THE REMODELED AREA, THEIR CIRCUITS SHALL BE REWORKED AT A TIME COORDINATED WITH THE OWNER TO MINIMIZE ANY AREA BEING WITHOUT POWER. ALL AREAS OF THE FACILITY SHALL MAINTAIN THEIR EXISTING ELECTRICAL SERVICES, REWORKED IF NECESSARY.

DG. EXISTING CONDUIT IN THE RENOVATED AREA SHALL BE REUSED IF IT CAN BE LEFT IN PLACE OR IS IN GOOD CONDITION WHEN REMOVED. EXISTING CONDUIT NOT INTENDED TO BE REUSED SHALL BE REMOVED IN CEILING SPACES AND WALLS. EXISTING CONDUIT BELOW FLOOR SLABS MAY BE ABANDONED IN PLACE. REMOVE ALL WIRING, CUT OFF ABANDONED CONDUIT BELOW FLOOR, AND GROUT FLUSH.

DH. CONDUCTORS IN RENOVATED AREA SHALL BE NEW. DO NOT REUSE EXISTING WIRING UNLESS NOTED OTHERWISE. PROPERLY DISPOSE OF ALL ITEMS BEING REMOVED AS PART OF THIS PROJECT. THE OWNER SHALL HAVE THE RIGHT TO RETAIN ANY ELECTRICAL ITEMS REMOVED FROM THE REMODELED AREA AND NOT INDICATED TO BE REUSED. IF THE OWNER DOES NOT WANT THE ITEMS, CONTRACTOR SHALL REMOVE ITEMS FROM THE SITE. COORDINATE ITEMS TO BE RETAINED WITH THE OWNER.

DI. WHERE CIRCUIT BREAKERS ARE ADDED TO EXISTING PANELS, THEY SHALL MATCH EXISTING BREAKERS TYPE, MANUFACTURER, AND AIC RATING. UPDATE DIRECTORIES IN EXISTING PANELS TO REFLECT CHANGES BY THIS RENOVATION. DIRECTORIES SHALL BE TYPEWRITTEN.

TYPICAL NAMEPLATE EXAMPLES FOR EACH EQUIPMENT TYPE

Panelboard

1M

208Y/120V 3Ø 4W
Fed From Panel MDP

Mech Equipment Disconnects & VFD's

AHU-2-1

208V 3Ø
2C-____

EQUIPMENT LABELING NOTES:

A. PROVIDE ENGRAVED LAMINATED NAMEPLATE FOR EACH PIECE OF ELECTRICAL EQUIPMENT. LABEL TAPE IS NOT ACCEPTABLE.

B. COORDINATE SUPPLY SOURCE (PANEL/CIRCUIT WHERE FED FROM) WITH ACTUAL CIRCUITS USED.

C. ON EACH UNIT OF EQUIPMENT, INSTALL UNIQUE DESIGNATION LABEL THAT IS CONSISTENT WITH WIRING DIAGRAMS AND SCHEDULES.

D. PROVIDE LABEL AS SHOWN FOR EACH EQUIPMENT TYPE. INFORMATION SHALL INCLUDE NAME OF EQUIPMENT, VOLTAGE/PHASE, SUPPLY SOURCE, AND SYSTEM BRANCH.

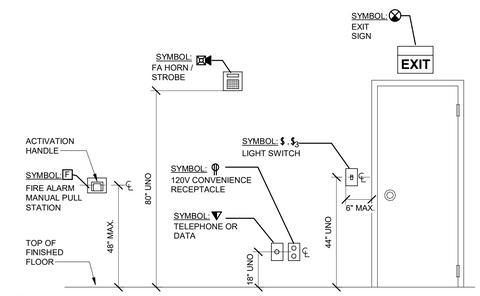
E. COORDINATE EXACT NAME/DESIGNATION OF MECHANICAL/PLUMBING EQUIPMENT WITH MECHANICAL/PLUMBING CONTRACTOR AND OWNER PRIOR TO CONSTRUCTING NAMEPLATES.

F. LABEL EQUIPMENT WITH SELF-ADHESIVE, ENGRAVED, LAMINATED ACRYLIC OR MELAMINE LABEL. UNLESS OTHERWISE INDICATED, EQUIPMENT NAME SHALL BE 1-INCH-HIGH LETTERS, AND ADDITIONAL TEXT SHALL BE 1/2-INCH-HIGH LETTERS. LABEL SIZE SHALL ACCOMMODATE TEXT REQUIRED FOR EACH PARTICULAR PIECE OF EQUIPMENT.

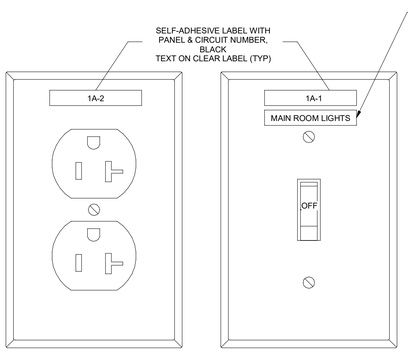
G. FOR MECHANICAL EQUIPMENT SUCH AS AIR HANDLERS, CHILLERS, ETC. THAT MAY BE FURNISHED WITH AN INTEGRAL DISCONNECT, PROVIDE LABEL ON UNIT AT THE INTEGRAL DISCONNECT LOCATION OR INPUT POWER CONNECTION LOCATION.

H. LABEL THE FOLLOWING ITEMS:
- PANELBOARDS
- ENCLOSURES AND ELECTRICAL CABINETS
- DISCONNECT SWITCHES
- ACCESS DOORS AND PANELS FOR CONCEALED ELECTRICAL ITEMS, LABEL WITH ITEMS CONCEALED
- VARIABLE SPEED CONTROLLERS

2 E001 EQUIPMENT IDENTIFICATION NAMEPLATE DETAIL
NOT TO SCALE



3 E001 TYPICAL DEVICE MOUNTING HEIGHTS
NOT TO SCALE



TYPICAL RECEPTACLE FACEPLATE

TYPICAL LIGHTING CONTROL (SWITCH, DIMMER, OCCUPANCY SENSOR) FACEPLATE

NOTES

A. PROVIDE LABEL FOR ALL WIRING DEVICES, INCLUDING BUT NOT LIMITED TO:
- RECEPTACLES
- LIGHT SWITCHES
- WALL DIMMERS
- WALL OCCUPANCY SENSORS
- FAN SPEED CONTROLS
- EMERGENCY STOP BUTTONS (SHUNT-TRIP CIRCUIT)
- MANUAL MOTOR STARTERS
- REMOTE CONTROL SWITCHES
- CONTROL DEVICES

B. LABEL MATERIAL:
- STANDARD WALL PLATES: EMBOSSED ADHESIVE TAPE, WITH ¼-INCH BLACK-FILLED LETTERS ON CLEAR BACKGROUND.

C. PROVIDE DURABLE WIRE MARKERS OR TAGS INSIDE DEVICE BOX OR OUTLET BOX.

D. FOR MULTIPLE LIGHTING CONTROLS IN SAME ROOM, ALSO PROVIDE LABEL INDICATING LIGHTS SERVED BY EACH CONTROL.

E. FOR MANUAL MOTOR STARTERS AND SWITCHES USED TO CONTROL MOTORS OR EQUIPMENT OTHER THAN LIGHTS, ALSO PROVIDE LABEL INDICATING EQUIPMENT SERVED BY THE CONTROL.

F. WHEN LABELING OUTDOOR DEVICES, LABEL SHALL BE INSTALLED ON THE FACEPLATE INSIDE THE WEATHERPROOF DEVICE COVER, NOT ON THE OUTSIDE OF THE COVER.

1 E001 WIRING DEVICE LABELING DETAIL
NOT TO SCALE

ELECTRICAL SHEET LIST

SHEET NUMBER	SHEET NAME
E001	ELECTRICAL LEGEND AND NOTES
E002	ELECTRICAL RISER DIAGRAMS
E003	FIRE ALARM RISER AND DETAILS
E050	ELECTRICAL SITE PLAN
E101	ELECTRICAL 1ST FLOOR DEMOLITION PLAN
E102	ELECTRICAL 2ND FLOOR DEMOLITION PLAN
E103	ELECTRICAL 3RD FLOOR DEMOLITION PLAN
E104	ELECTRICAL 4TH FLOOR DEMOLITION PLAN
E201	ELECTRICAL 1ST FLOOR POWER PLAN
E202	ELECTRICAL 2ND FLOOR POWER PLAN
E203	ELECTRICAL 3RD FLOOR POWER PLAN
E204	ELECTRICAL 4TH FLOOR POWER PLAN
E900	ELECTRICAL SCHEDULES
E901	ELECTRICAL PANEL SCHEDULES - 1ST FLOOR
E902	ELECTRICAL PANEL SCHEDULES - 2ND, 3RD, AND 4TH FLOOR
E903	ELECTRICAL PANEL SCHEDULES - CHILLER YARD

(BAR GRAPHIC IS 4" AT FULL SCALE)

SOUTH CAROLINA — DEVITA & ASSOCIATES, INC. — No. C00415 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — REGISTERED PROFESSIONAL ENGINEER — NO. 22785 — SHANNON L. EPPERSON — 1-01-2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

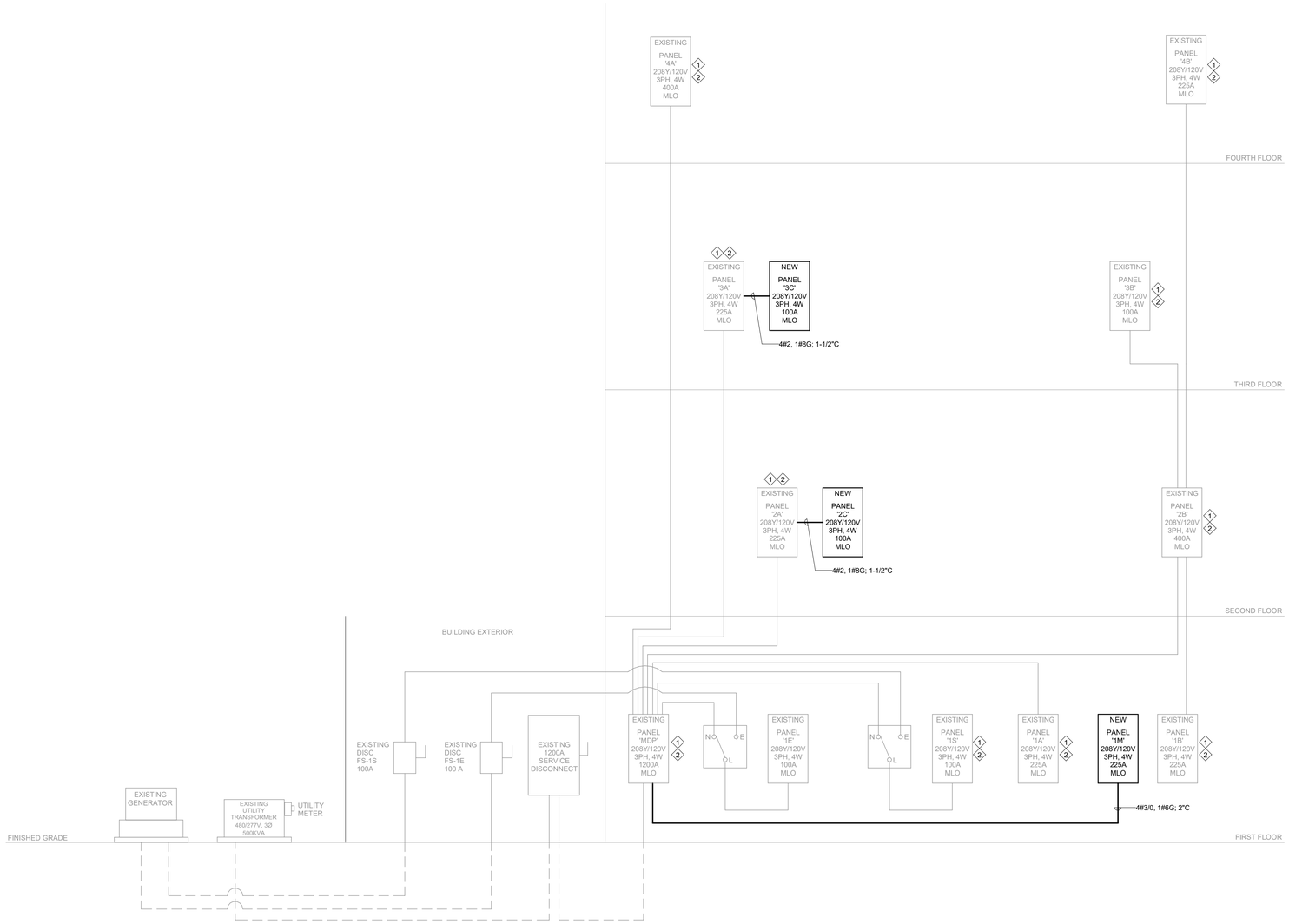
REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

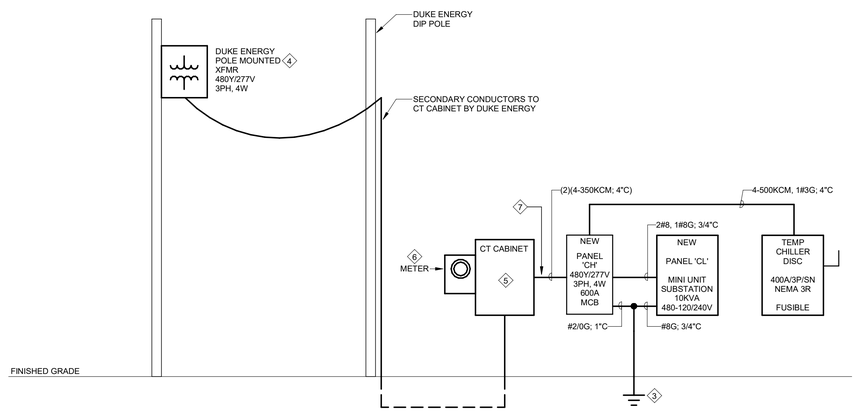
DRAWING NAME
ELECTRICAL LEGEND AND NOTES

DRAWING NO.
E001

Drawn By: RHV Checked By: SLE



1 E002 ELECTRICAL RISER DIAGRAM - COURTHOUSE
NOT TO SCALE



2 E002 ELECTRICAL RISER DIAGRAM - CHILLER YARD
NOT TO SCALE

GENERAL NOTES:

A. EXISTING EQUIPMENT TO REMAIN IS SHOWN HALFTONE. NEW WORK IS SHOWN BOLD.

RISER NOTES: (8)

1. CIRCUITS IN THIS EXISTING PANEL SHALL BE MODIFIED AS DESCRIBED IN THESE DRAWINGS. REFER TO PLANS AND PANEL SCHEDULES.
2. PROVIDE UPDATED TYPEWRITTEN PANEL DIRECTORY IN THIS PANEL TO REFLECT CONDITIONS UPON COMPLETION OF THE PROJECT. TRACE OUT AND VERIFY ALL AFFECTED EXISTING CIRCUITS. FOR REMOVED ITEMS OR CIRCUITS THAT ARE NO LONGER USED, LABEL CIRCUIT AS 'SPARE' AND TURN BREAKER OFF. DIRECTORY SHALL INDICATE PANEL NAME/DESIGNATION AS WELL AS PROPER IDENTIFICATION OF ALL EXISTING CIRCUITS.
3. PROVIDE GROUNDING ELECTRODE SYSTEM PER NEC ARTICLE 250. SERVICE NEUTRAL SHALL BE GROUNDED IN ONE LOCATION ONLY.
4. COORDINATE WITH DUKE ENERGY FOR EXACT SERVICE REQUIREMENTS.
5. PROVIDE CT CABINET PER DUKE ENERGY REQUIREMENTS. ALL TERMINATIONS BY DUKE ENERGY.
6. METER BASE, METER AND ALL CONNECTIONS BY DUKE ENERGY. INSTALL BASE ON RACK AS DIRECTED BY DUKE ENERGY.
7. DEMARCATION POINT OF UTILITY WIRING VS. CUSTOMER WIRING. PROVIDE ALL WIRING ON LOAD SIDE OF CT CABINET.

(BAR GRAPHIC IS 4" AT FULL SCALE)
0" 1" 2" 3" 4"

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ELECTRICAL RISER DIAGRAMS

DRAWING NO.
E002

Drawn By: RHV Checked By: SLE

FIRE ALARM GENERAL NOTES:

FA. FIRE ALARM INSTALLATION SHALL COMPLY WITH NFPA 72, NFPA 101, NATIONAL ELECTRICAL CODE (NFPA 70) WITH SPECIFIC ATTENTION TO ARTICLE 760, STATE FIRE CODE, AND ALL OTHER APPLICABLE CODES, STANDARDS, AND ORDINANCES.

FB. FIRE ALARM WIRING AND PATHWAY SHALL BE PER SPECIFICATIONS AND COMPLY WITH NFPA 72 AND NEC.

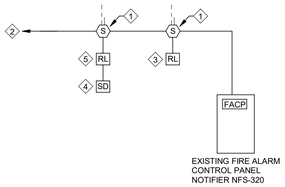
FC. ALL VISUAL NOTIFICATION DEVICES (STROBES) IN ONE VIEWING, NEW AND EXISTING, SHALL BE SYNCHRONIZED TO FLASH IN UNISON AS REQUIRED BY NFPA 72, ADA, ANSI 117.1, AND UL 1971.

FD. PROVIDE ALL REQUIRED TESTING OF THE FIRE ALARM SYSTEM IN ACCORDANCE WITH THE "INSPECTION, TESTING, AND MAINTENANCE" CHAPTER OF NFPA 72 (WITH SPECIFIC ATTENTION TO 14.4.2) AND MANUFACTURER'S WRITTEN INSTRUCTIONS. FIELD TESTS SHALL BE WITNESSED BY THE AUTHORITY HAVING JURISDICTION. CONDUCT VISUAL INSPECTION AND SYSTEM TESTING IN THE "TEST METHODS" TABLE IN THE "TESTING" SECTION OF NFPA 72. PREPARE A "FIRE ALARM SYSTEM RECORD OF COMPLETION" PER NFPA 72 AND PROVIDE TO OWNER AND AHJ PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. FIRE ALARM SYSTEM WILL BE CONSIDERED DEFECTIVE IF IT DOES NOT PASS TESTS AND INSPECTIONS.

FE. FOR FIRE ALARM DEVICES THAT ARE REMOVED, RECESSED, EMPTY BACK BOX AND CONDUIT MAY BE ABANDONED IN WALL, UNLESS NOTED OTHERWISE.

FF. COMPLY WITH SC FIRE PREVENTION CODE REQUIREMENTS FOR TAKING REQUIRED FIRE ALARM SYSTEM OUT OF SERVICE WHILE BUILDING IS OCCUPIED BY NOTIFYING THE AUTHORITY HAVING JURISDICTION AND EVACUATING THE BUILDING OR PROVIDING AN APPROVED FIRE WATCH UNTIL THE FIRE ALARM SYSTEM IS RETURNED TO SERVICE.

FG. DO NOT SPLICE OR "T" TAP FIRE ALARM WIRING. MAKE CONNECTIONS ONLY AT DEVICES OR IN TERMINAL CABINETS.



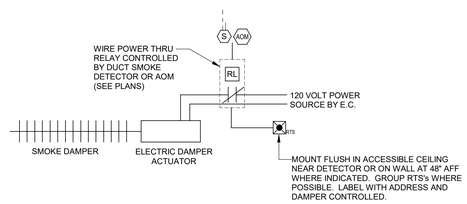
FIRE ALARM RISER DIAGRAM NOTES: ⟨#⟩

1. DUCT SMOKE DETECTOR. PROVIDE REMOTE TEST STATION FOR EACH.
2. COMMUNICATIONS WIRING LOOP. MATCH EXISTING PATHWAY CLASS.
3. HVAC SHUT DOWN RELAY.
4. SMOKE DAMPER CONNECTION.
5. RELAY CONTROLLED BY DUCT SMOKE DETECTOR FOR OPERATION OF SMOKE DAMPER.

FIRE ALARM SYSTEM NOTES:

1. THIS RISER REPRESENTS A TYPICAL SYSTEM AND IS NOT INTENDED FOR INSTALLATION. SYSTEM SUPPLIER SHALL PROVIDE INSTALLATION DRAWINGS AND WIRING DIAGRAMS. EXACT SYSTEM REQUIREMENTS SHALL BE COORDINATED WITH THE SYSTEM SUPPLIER.
2. THIS DIAGRAM IS NOT INTENDED TO SHOW EXACT QUANTITIES OF DEVICES, AND NOT ALL DEVICE TYPES SHOWN IN THIS DIAGRAM MAY BE USED ON THIS PARTICULAR PROJECT. REFER TO PLAN FOR EXACT DEVICE QUANTITY AND TYPES.
3. REMOVE EXISTING FIRE ALARM DEVICES PER PLANS. PROVIDE NEW FIRE ALARM DEVICES AS REQUIRED TO MEET NEW RENOVATED AREA PLAN. ALL FIRE ALARM DEVICES SHALL BE FULLY COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM AND MATCH EXISTING. PROVIDE ALL WIRING, RACEWAY, ACCESSORIES, ETC. REQUIRED TO FULLY INTEGRATE ALL DEVICES INTO THE EXISTING SYSTEM. FIELD VERIFY EXACT REQUIREMENTS.
4. PROVIDE SHOP DRAWINGS AND PRODUCT DATA SUBMITTALS FOR FIRE ALARM WORK REQUIRED IN THESE DRAWINGS IN ACCORDANCE WITH NFPA 72-2016 SECTION 7.4.

1 / E003 FIRE ALARM RISER DIAGRAM
NOT TO SCALE



2 / E003 SMOKE DAMPER CONTROL DETAIL
NOT TO SCALE

PARTIAL FIRE ALARM SYSTEM MATRIX

	ACTION	BUILDING SYSTEM OUTPUTS																CENTRAL COMM					
		ACTUATE COMMON ALARM SIGNAL INDICATOR	ACTUATE AUDIBLE ALARM SIGNAL	ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	ACTUATE AUDIBLE SUPERVISORY SIGNAL	ACTUATE COMMON TROUBLE SIGNAL INDICATOR	ACTUATE AUDIBLE TROUBLE SIGNAL	ACTUATE GENERAL EVACUATION SIGNAL	DISPLAY CHANGE OF STATUS	ACTUATE EXTERNAL HORN / STROBE	RETURN ELEVATOR TO PRIMARY FLOOR	RETURN ELEVATOR TO SECONDARY FLOOR	ACTIVATE FIREMAN'S HAT LIGHT IN ELEVATOR CAR PER NFPA 72	SHUNT TRIP AFTER ELEVATOR REACHES APPROPRIATE FLOOR PRIOR TO FIRE SPRINKLER OPERATION	SHUT DOWN RESPECTIVE AIR HANDLER	CLOSE RESPECTIVE SMOKE DAMPER	RELEASE MAGNETIC DOOR HOLDERS	SHOW CHANGE OF STATUS ON ANNUNCIATOR	SHOW CHANGE OF STATUS ON CENTRAL PANEL	TRANSMIT FIRE ALARM SIGNAL TO CENTRAL STATION	TRANSMIT SUPERVISORY SIGNAL TO CENTRAL STATION	TRANSMIT TROUBLE SIGNAL TO CENTRAL STATION	
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
1	AHU DUCT SMOKE DETECTORS			X	X				X						X			X	X		X		1
2	SMOKE DAMPER DUCT SMOKE DETECTOR			X	X				X						X	X		X	X		X		2
3	OPEN CIRCUIT					X	X		X									X	X			X	3
4	GROUND FAULT					X	X		X									X	X			X	4
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	

NOTES:

A. EXISTING SEQUENCE OF OPERATION SHALL BE MAINTAINED.

B. REFER TO MECHANICAL DRAWINGS FOR SMOKE CONTROL SEQUENCES.

C. DUCT-MOUNTED SMOKE DETECTORS ARE FURNISHED, WIRED, AND PROGRAMMED BY ELECTRICAL/FIRE-ALARM CONTRACTOR AND INSTALLED IN DUCTWORK BY MECHANICAL CONTRACTOR. PROVIDE CONNECTION TO DUCT-MOUNTED SMOKE DETECTORS AFTER DEVICES ARE SECURED IN FINAL LOCATION.

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

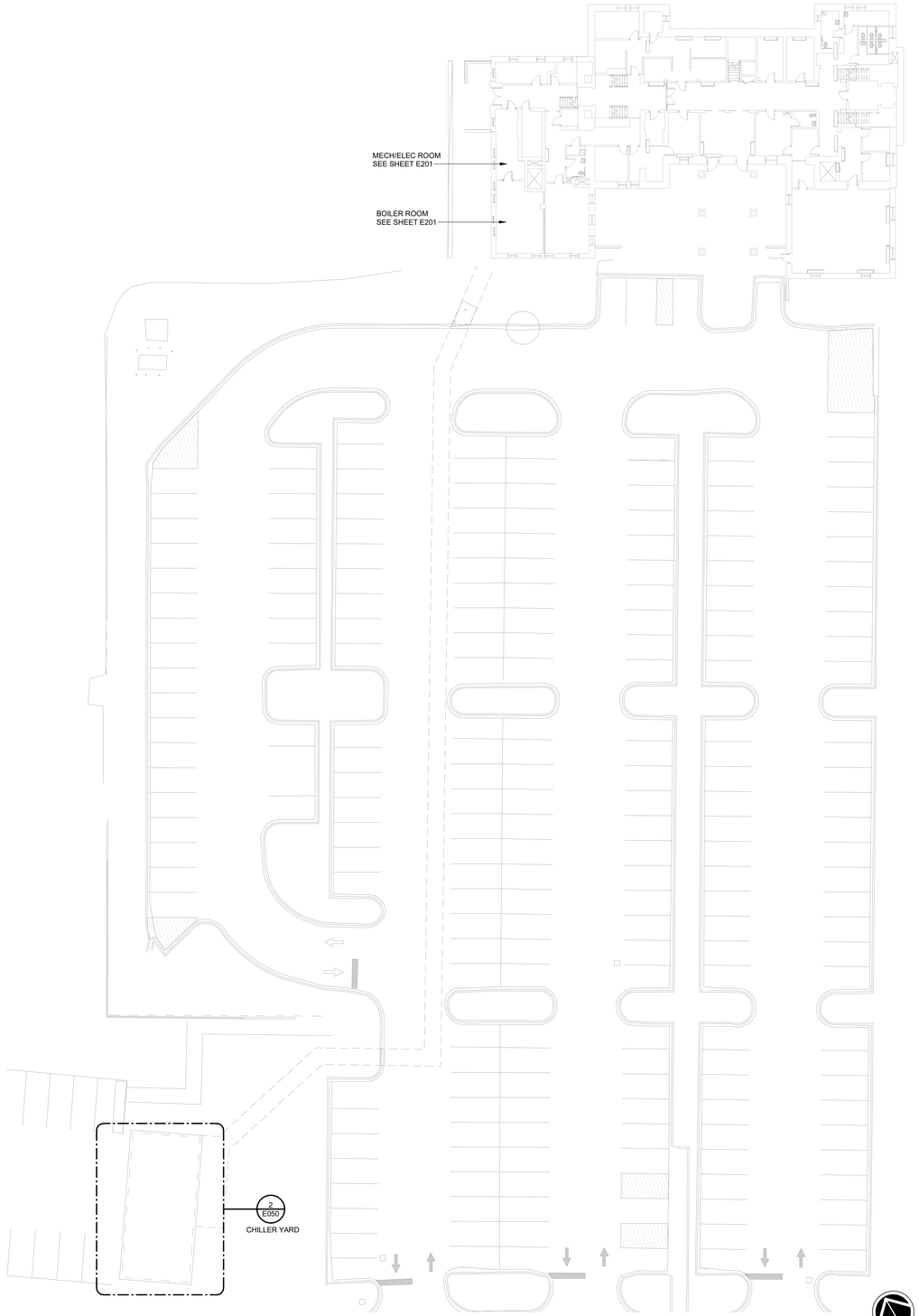
NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
FIRE ALARM RISER AND DETAILS

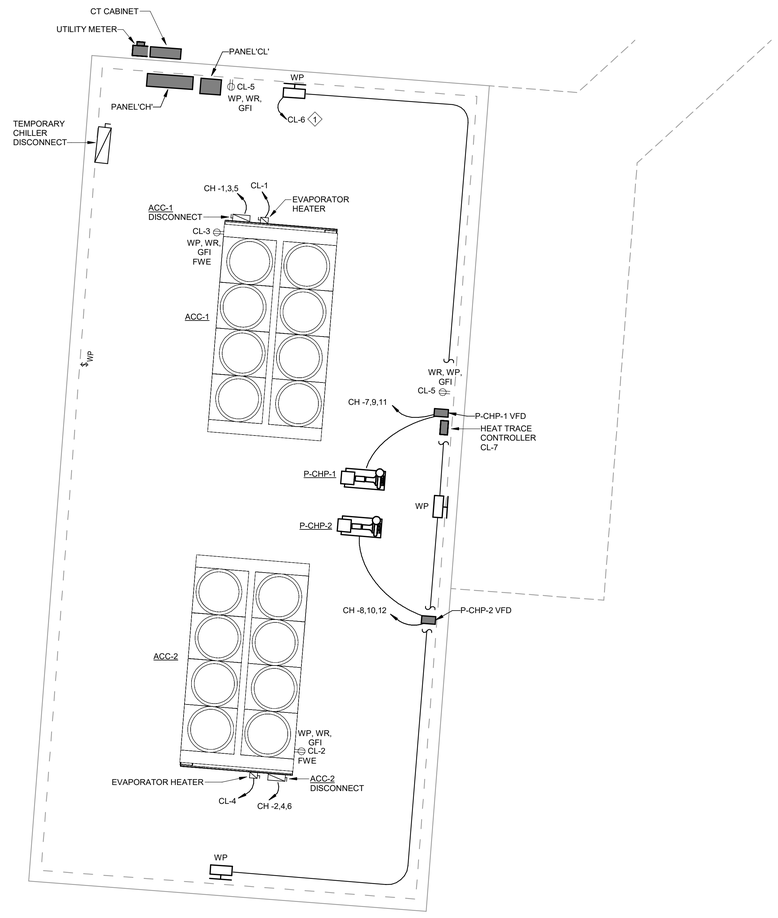
DRAWING NO.
E003

Drawn By: RHV Checked By: SLE

(BAR GRAPHIC IS 4" AT FULL SCALE)



1 E050 ELECTRICAL OVERALL SITE PLAN
1" = 20'-0"



2 E050 ENLARGED CHILLER YARD
1/4" = 1'-0"

GENERAL NOTES:

A. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET E900 FOR MECHANICAL EQUIPMENT CIRCUIT AND DISCONNECT REQUIREMENTS.

B. LABEL ALL WIRING DEVICES WITH PANEL/CIRCUIT SERVING DEVICE. REFER TO LABELING DETAIL ON SHEET E001.

C. COORDINATE EXACT CIRCUIT REQUIREMENTS WITH ACTUAL EQUIPMENT NAMEPLATE PRIOR TO WORK.

D. PROVIDE WORKING CLEARANCE FOR ALL ELECTRICAL DISCONNECTS PER NEC.

E. PROVIDE INDEPENDENT SUPPORT FOR ALL EQUIPMENT AND FIXTURES USING GALVANIZED STEEL METAL COMPONENTS. DO NOT MOUNT DIRECTLY TO CHAIN-LINK FENCE.

PLAN NOTES: (#)

1. CONTROLLED BY LIGHT SWITCH AT FENCE GATE.

SEALS

DEVITA & ASSOCIATES, INC. No. C00415 CERTIFICATE OF AUTHORIZATION
SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER NO. 22785 SHANNON L. EPPERLY
1-01-2026

CONSULTANT

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ELECTRICAL SITE PLAN

DRAWING NO.
E050

Drawn By: RHV Checked By: SLE

(BAR GRAPHIC IS 4" AT FULL SCALE)
0" 1" 2" 3" 4"

GENERAL DEMOLITION NOTES:

A. FOR ALL EXISTING EQUIPMENT, DEVICES, ETC. INDICATED TO REMAIN, FIELD VERIFY THE EXISTING CIRCUIT, AND PROVIDE NEW LABEL ON DEVICE PLATE WITH CORRECT PANEL/CIRCUIT. REFER TO LABELING DETAIL ON SHEET E800.

B. ITEMS TO BE REMOVED ARE INDICATED BY DASHED LINETYPE AND/OR HATCHING. EXISTING ITEMS TO REMAIN ARE INDICATED BY HALFTONE.

C. FOR DEVICES, FIXTURES, ETC. TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD, UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING TO FEED THROUGH TO THESE REMAINING ITEMS. RE-CIRCUIT ANY REMAINING DEVICES AS REQUIRED TO AVAILABLE PANELBOARD SPACE. RELOCATE ANY CIRCUITS THAT REMAIN TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

D. EXISTING CIRCUITS INDICATED ARE FOR REFERENCE ONLY. FIELD VERIFY ALL AFFECTED CIRCUITS.

E. REROUTING OF EXISTING CONDUCTORS MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR AROUND NEW WORK.

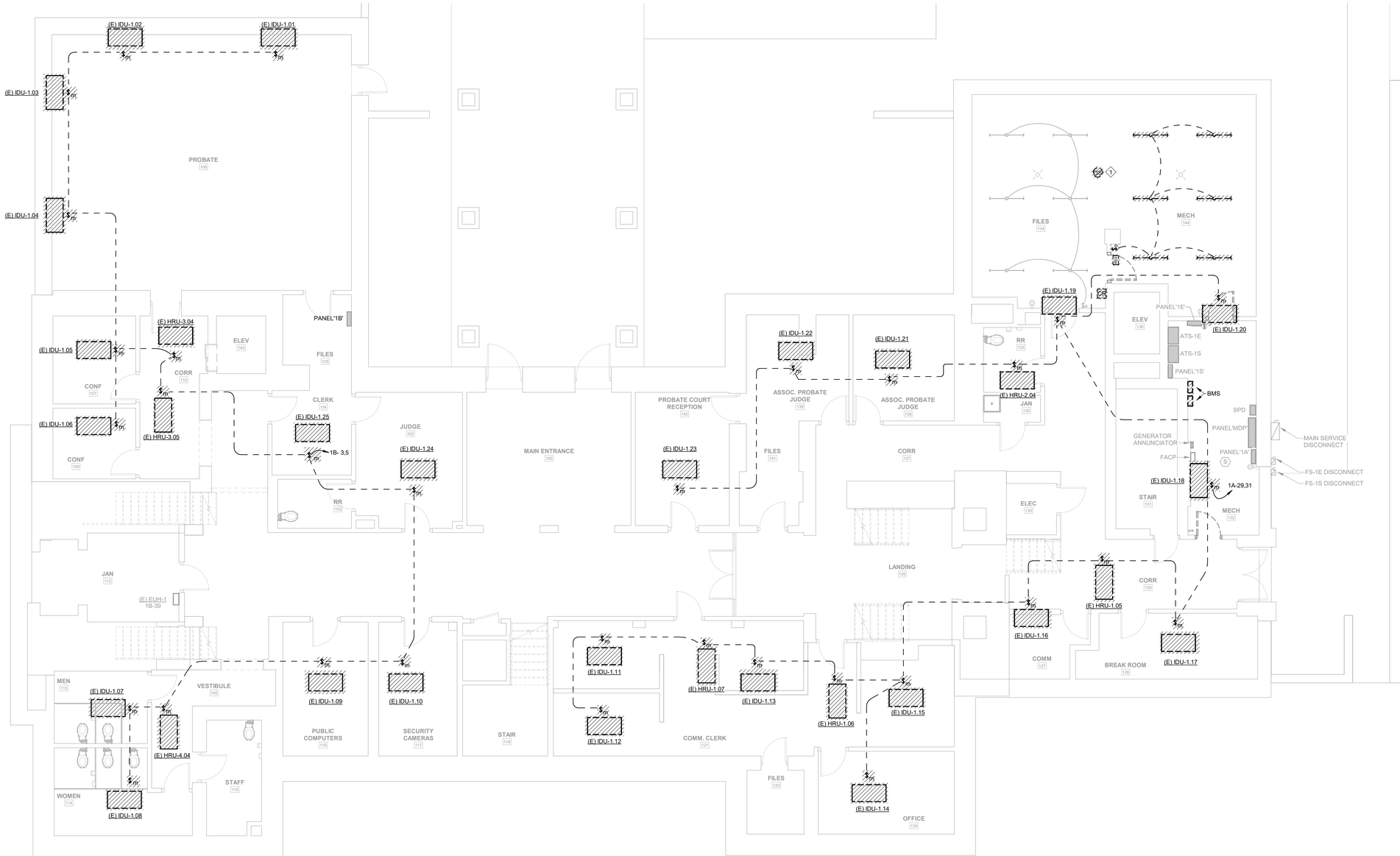
F. FOR FIRE ALARM DEVICES THAT ARE REMOVED, PERFORM ANY PROGRAMMING CHANGES AT FIRE ALARM CONTROL PANEL TO NOTE DEVICE HAS BEEN REMOVED AND TURN OVER DEVICE TO OWNER. RECESSED, EMPTY BACK BOX AND CONDUIT MAY BE ABANDONED IN PLACE, UNLESS NOTED OTHERWISE.

G. IN THE AREA OF RENOVATION ANY EXISTING FIRE ALARM SMOKE DETECTORS SHOWN TO REMAIN SHALL BE TEMPORARILY REPLACED WITH THERMAL DETECTORS. ALL SPACES WHERE EXISTING SMOKE DETECTORS ARE TO BE REMOVED SHALL BE PROVIDED WITH TEMPORARY THERMAL DETECTORS. ALL AREAS OF RENOVATION SHALL BE TEMPORARILY COVERED BY FIRE ALARM THERMAL DETECTORS.

H. ALL CEILING MOUNTED DEVICES AND FIXTURES ARE EXISTING TO REMAIN UNO. SECURE ALL CEILING MOUNTED DEVICES AND FIXTURES AS REQUIRED TO ACCOMMODATE THE REMOVAL OF THE CEILING AND THE HVAC RENOVATION. REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLANS.

PLAN NOTES:

1. REMOVE DEVICE FOR REINSTALLATION IN NEW LOCATION.



1 E101 ELECTRICAL 1ST FLOOR DEMOLITION PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

DEVITA & ASSOCIATES, INC.
No. C00415
CERTIFICATE OF AUTHORIZATION

NO. 22785
SHANNON L. EPPS
1-01-2026

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

York County South Carolina

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ELECTRICAL 1ST FLOOR DEMOLITION PLAN

DRAWING NO.
E101

Drawn By: RHV Checked By: SLE

GENERAL NOTES:

A. FOR ALL EXISTING EQUIPMENT, DEVICES, ETC. INDICATED TO REMAIN, FIELD VERIFY THE EXISTING CIRCUIT, AND PROVIDE NEW LABEL ON DEVICE PLATE WITH CORRECT PANEL/CIRCUIT. REFER TO LABELING DETAIL ON SHEET E800.

B. ITEMS TO BE REMOVED ARE INDICATED BY DASHED LINETYPE AND/OR HATCHING. EXISTING ITEMS TO REMAIN ARE INDICATED BY HALFTONE.

C. FOR DEVICES, FIXTURES, ETC. TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD, UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING TO FEED THROUGH TO THESE REMAINING ITEMS. RE-CIRCUIT ANY REMAINING DEVICES AS REQUIRED TO AVAILABLE PANELBOARD SPACE. RELOCATE ANY CIRCUITS THAT REMAIN TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

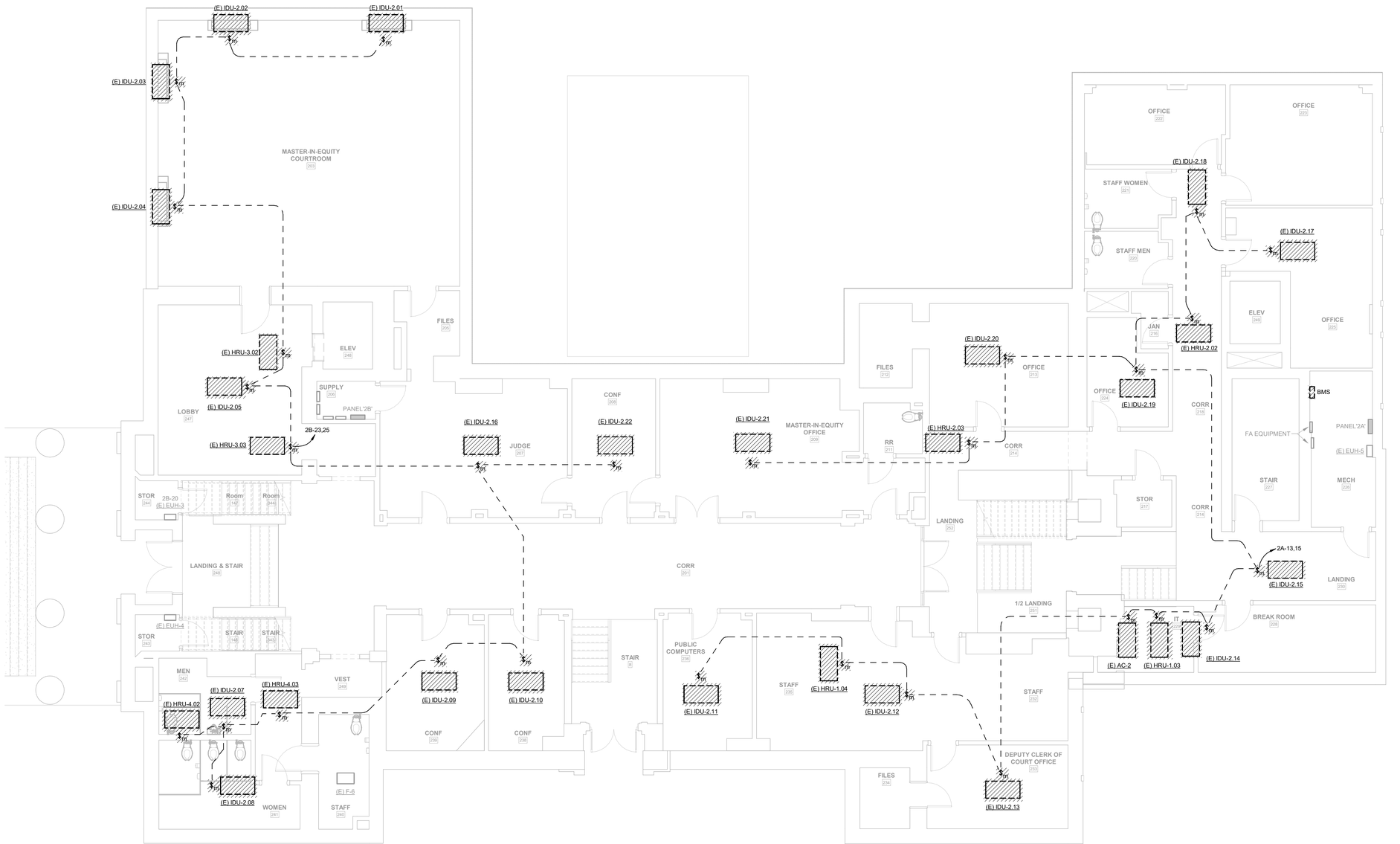
D. EXISTING CIRCUITS INDICATED ARE FOR REFERENCE ONLY. FIELD VERIFY ALL AFFECTED CIRCUITS.

E. REROUTING OF EXISTING CONDUCTORS MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR AROUND NEW WORK.

F. FOR FIRE ALARM DEVICES THAT ARE REMOVED, PERFORM ANY PROGRAMMING CHANGES AT FIRE ALARM CONTROL PANEL TO NOTE DEVICE HAS BEEN REMOVED AND TURN OVER DEVICE TO OWNER. RECESSED, EMPTY BACK BOX AND CONDUIT MAY BE ABANDONED IN PLACE, UNLESS NOTED OTHERWISE.

G. IN THE AREA OF RENOVATION ANY EXISTING FIRE ALARM SMOKE DETECTORS SHOWN TO REMAIN SHALL BE TEMPORARILY REPLACED WITH THERMAL DETECTORS. ALL SPACES WHERE EXISTING SMOKE DETECTORS ARE TO BE REMOVED SHALL BE PROVIDED WITH TEMPORARY THERMAL DETECTORS. ALL AREAS OF RENOVATION SHALL BE TEMPORARILY COVERED BY FIRE ALARM THERMAL DETECTORS.

H. ALL CEILING MOUNTED DEVICES AND FIXTURES ARE EXISTING TO REMAIN UNO. SECURE ALL CEILING MOUNTED DEVICES AND FIXTURES AS REQUIRED TO ACCOMMODATE THE REMOVAL OF THE CEILING AND THE HVAC RENOVATION. REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLANS.



1 / E102 ELECTRICAL 2ND FLOOR DEMOLITION PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)
0" 1" 2" 3" 4"

SEALS

DEVITA & ASSOCIATES, INC. No. C00415 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED NO. 22785 PROFESSIONAL ENGINEER SHANNON L. EPPERLY 1-01-2026

CONSULTANT

DEVITA Engineering Great Ideas

ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ELECTRICAL 2ND FLOOR DEMOLITION PLAN

DRAWING NO.
E102

Drawn By: RHV Checked By: SLE

GENERAL NOTES:

A. FOR ALL EXISTING EQUIPMENT, DEVICES, ETC. INDICATED TO REMAIN, FIELD VERIFY THE EXISTING CIRCUIT, AND PROVIDE NEW LABEL ON DEVICE PLATE WITH CORRECT PANEL/CIRCUIT. REFER TO LABELING DETAIL ON SHEET E800.

B. ITEMS TO BE REMOVED ARE INDICATED BY DASHED LINETYPE AND/OR HATCHING. EXISTING ITEMS TO REMAIN ARE INDICATED BY HALFTONE.

C. FOR DEVICES, FIXTURES, ETC. TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD, UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING TO FEED THROUGH TO THESE REMAINING ITEMS. RE-CIRCUIT ANY REMAINING DEVICES AS REQUIRED TO AVAILABLE PANELBOARD SPACE. RELOCATE ANY CIRCUITS THAT REMAIN TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

D. EXISTING CIRCUITS INDICATED ARE FOR REFERENCE ONLY. FIELD VERIFY ALL AFFECTED CIRCUITS.

E. REROUTING OF EXISTING CONDUCTORS MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR AROUND NEW WORK.

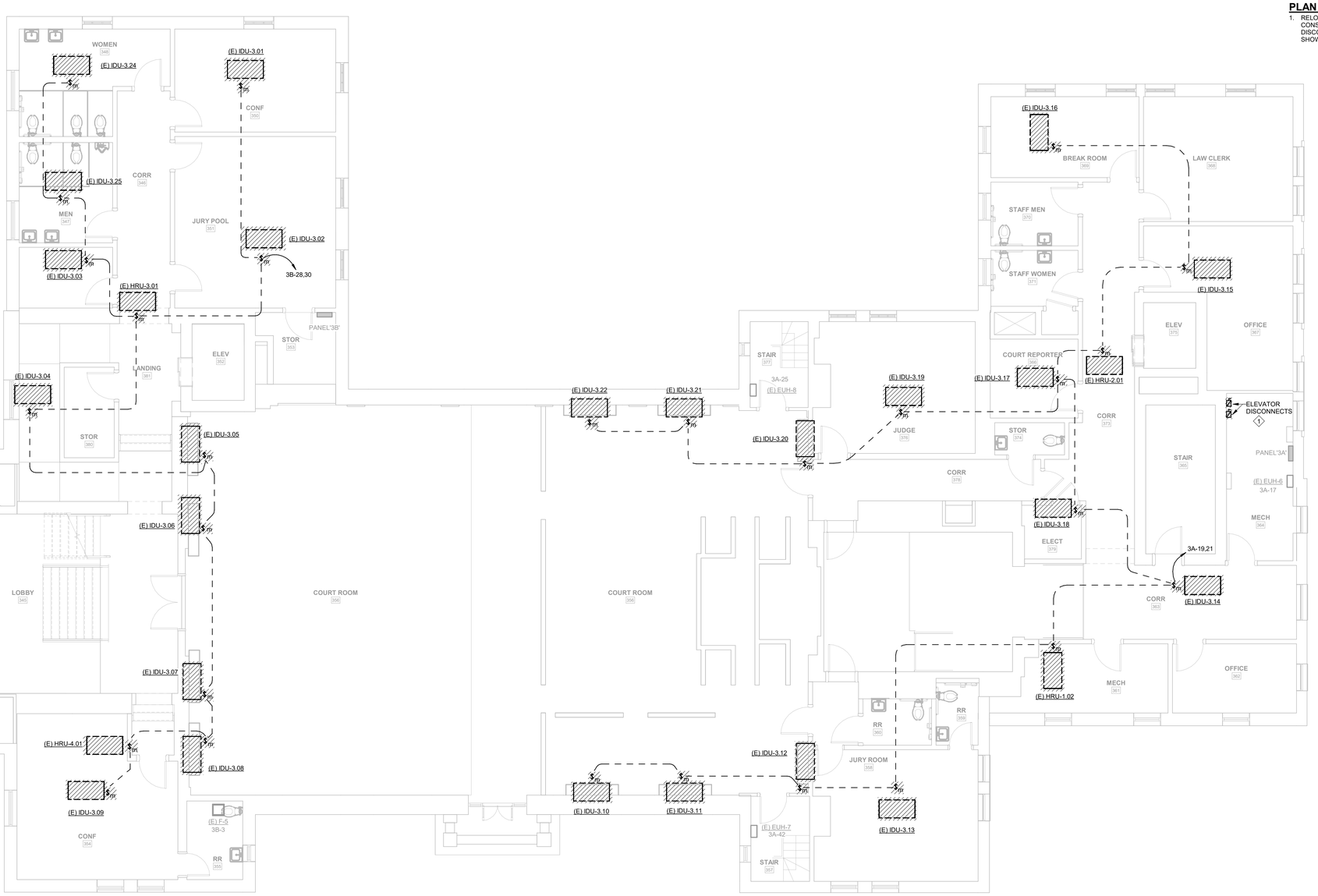
F. FOR FIRE ALARM DEVICES THAT ARE REMOVED, PERFORM ANY PROGRAMMING CHANGES AT FIRE ALARM CONTROL PANEL TO NOTE DEVICE HAS BEEN REMOVED AND TURN OVER DEVICE TO OWNER. RECESSED, EMPTY BACK BOX AND CONDUIT MAY BE ABANDONED IN PLACE, UNLESS NOTED OTHERWISE.

G. IN THE AREA OF RENOVATION ANY EXISTING FIRE ALARM SMOKE DETECTORS SHOWN TO REMAIN SHALL BE TEMPORARILY REPLACED WITH THERMAL DETECTORS. ALL SPACES WHERE EXISTING SMOKE DETECTORS ARE TO BE REMOVED SHALL BE PROVIDED WITH TEMPORARY THERMAL DETECTORS. ALL AREAS OF RENOVATION SHALL BE TEMPORARILY COVERED BY FIRE ALARM THERMAL DETECTORS.

H. ALL CEILING MOUNTED DEVICES AND FIXTURES ARE EXISTING TO REMAIN UNO. SECURE ALL CEILING MOUNTED DEVICES AND FIXTURES AS REQUIRED TO ACCOMMODATE THE REMOVAL OF THE CEILING AND THE HVAC RENOVATION. REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLANS.

PLAN NOTES: ◇

1. RELOCATE EXISTING DISCONNECTS TO ACCOMMODATE NEW SHAFT CONSTRUCTION AND PROVIDE NEC REQUIRED CLEARANCE FOR DISCONNECTS. EXTEND WIRING AND CONDUIT TO NEW LOCATION SHOWN ON NEW WORK PLANS.



1 E103 ELECTRICAL 3RD FLOOR DEMOLITION PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

DEVITA & ASSOCIATES, INC. No. C00415 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER NO. 22785 SHANNON L. EPPERLY 1-01-2026

SEALS

DEVITA Engineering Great Ideas

ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ELECTRICAL 3RD FLOOR DEMOLITION PLAN

DRAWING NO.
E103

Drawn By: RHV Checked By: SLE

GENERAL NOTES:

A. FOR ALL EXISTING EQUIPMENT, DEVICES, ETC. INDICATED TO REMAIN, FIELD VERIFY THE EXISTING CIRCUIT, AND PROVIDE NEW LABEL ON DEVICE PLATE WITH CORRECT PANEL/CIRCUIT. REFER TO LABELING DETAIL ON SHEET E800.

B. ITEMS TO BE REMOVED ARE INDICATED BY DASHED LINETYPE AND/OR HATCHING. EXISTING ITEMS TO REMAIN ARE INDICATED BY HALFTONE.

C. FOR DEVICES, FIXTURES, ETC. TO BE REMOVED, THEY AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE PANELBOARD, UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING TO FEED THROUGH TO THESE REMAINING ITEMS. RE-CIRCUIT ANY REMAINING DEVICES AS REQUIRED TO AVAILABLE PANELBOARD SPACE. RELOCATE ANY CIRCUITS THAT REMAIN TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

D. EXISTING CIRCUITS INDICATED ARE FOR REFERENCE ONLY. FIELD VERIFY ALL AFFECTED CIRCUITS.

E. REROUTING OF EXISTING CONDUCTORS MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR AROUND NEW WORK.

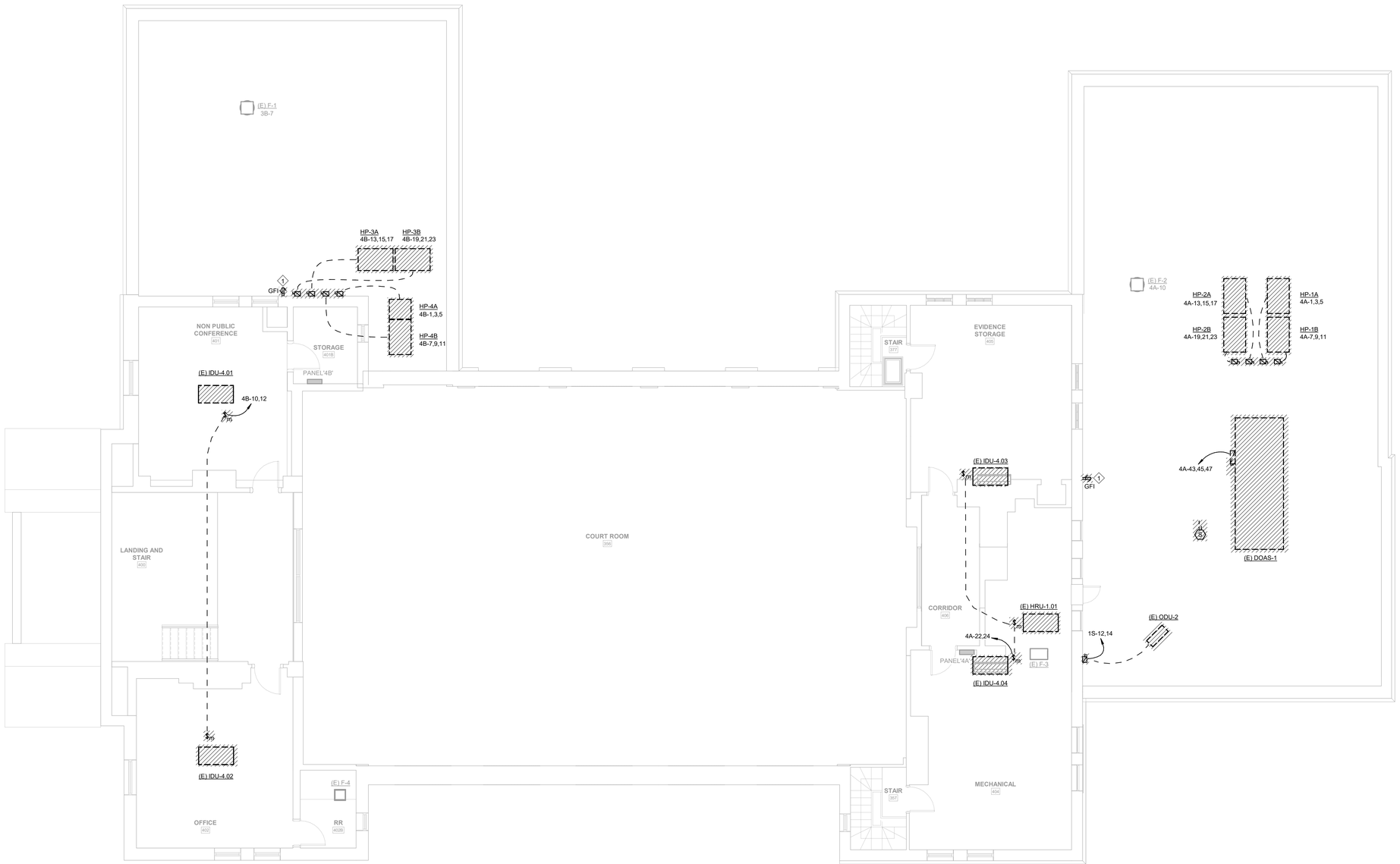
F. FOR FIRE ALARM DEVICES THAT ARE REMOVED, PERFORM ANY PROGRAMMING CHANGES AT FIRE ALARM CONTROL PANEL TO NOTE DEVICE HAS BEEN REMOVED AND TURN OVER DEVICE TO OWNER. RECESSED, EMPTY BACK BOX AND CONDUIT MAY BE ABANDONED IN PLACE, UNLESS NOTED OTHERWISE.

G. IN THE AREA OF RENOVATION ANY EXISTING FIRE ALARM SMOKE DETECTORS SHOWN TO REMAIN SHALL BE TEMPORARILY REPLACED WITH THERMAL DETECTORS. ALL SPACES WHERE EXISTING SMOKE DETECTORS ARE TO BE REMOVED SHALL BE PROVIDED WITH TEMPORARY THERMAL DETECTORS. ALL AREAS OF RENOVATION SHALL BE TEMPORARILY COVERED BY FIRE ALARM THERMAL DETECTORS.

H. ALL CEILING MOUNTED DEVICES AND FIXTURES ARE EXISTING TO REMAIN UNO. SECURE ALL CEILING MOUNTED DEVICES AND FIXTURES AS REQUIRED TO ACCOMMODATE THE REMOVAL OF THE CEILING AND THE HVAC RENOVATION. REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLANS.

PLAN NOTES:

1. REPLACE EXISTING RECEPTACLE WITH NEW PER SPECIFICATIONS. RETAIN EXISTING WIRING FOR RECONNECTION.



1 E104 ELECTRICAL 4TH FLOOR DEMOLITION PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

DEVITA & ASSOCIATES, INC.
No. C00415
CERTIFICATE OF AUTHORIZATION

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

York County South Carolina

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ELECTRICAL 4TH FLOOR DEMOLITION PLAN

DRAWING NO.
E104

Drawn By: RHV Checked By: SLE

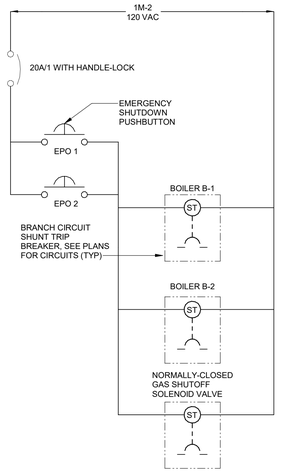
DETAIL NOTES:

A. WIRE EMERGENCY SHUTDOWN BUTTON (EPO) TO ACTIVATE SHUNT TRIP OF THE BOILER AND GAS SHUTOFF VALVE CIRCUIT BREAKERS IN PANEL '1M' WHEN EPO BUTTON IS PUSHED, IN ACCORDANCE WITH ASME CSD-1.

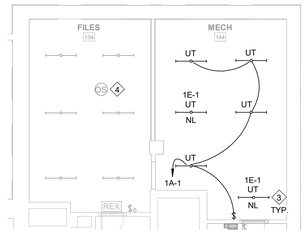
B. EPO SHALL BE PUSHBUTTON OPERATOR STATION, MAINTAINED (PUSH-PULL) LABELED "PULL-TO-RESET" 40 MM RED MUSHROOM-HEAD PUSHBUTTON, YELLOW SURFACE MOUNT NEMA 4X ENCLOSURE, 120VAC, 20A CONTACT RATING, NORMALLY OPEN CONTACTS, HUB FOR 3/4" CONDUIT, CLEAR HINGED COVER, WITH FACTORY LEGEND "EMERGENCY - BOILER SHUTDOWN", KELE ST120 SERIES OR EQUAL BY SEIMENS, ABB, PILLA, STI, OR SQUARE D.

C. ALL WIRING SHALL BE #12 IN 3/4" CONDUIT MINIMUM.

D. SHUNT-TRIP BREAKERS LOCATED IN PANEL SHALL SERVE AS LOCAL DISCONNECTING MEANS FOR THE BOILERS AND FEED PUMPS. LOCATE PANEL WITHIN SIGHT OF BOILERS AND FEED PUMPS, AND PROVIDE EACH BREAKER WITH A PADLOCK ATTACHMENT. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.



3 E201 BOILER EMERGENCY SHUTDOWN WIRING DIAGRAM
NOT TO SCALE



2 E201 BOILER ROOM LIGHTING PLAN
1/8" = 1'-0"

GENERAL NOTES:

A. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET E900 FOR MECHANICAL EQUIPMENT CIRCUIT AND DISCONNECT REQUIREMENTS.

B. LABEL ALL WIRING DEVICES WITH PANEL/CIRCUIT SERVING DEVICE. REFER TO LABELING DETAIL ON SHEET E001.

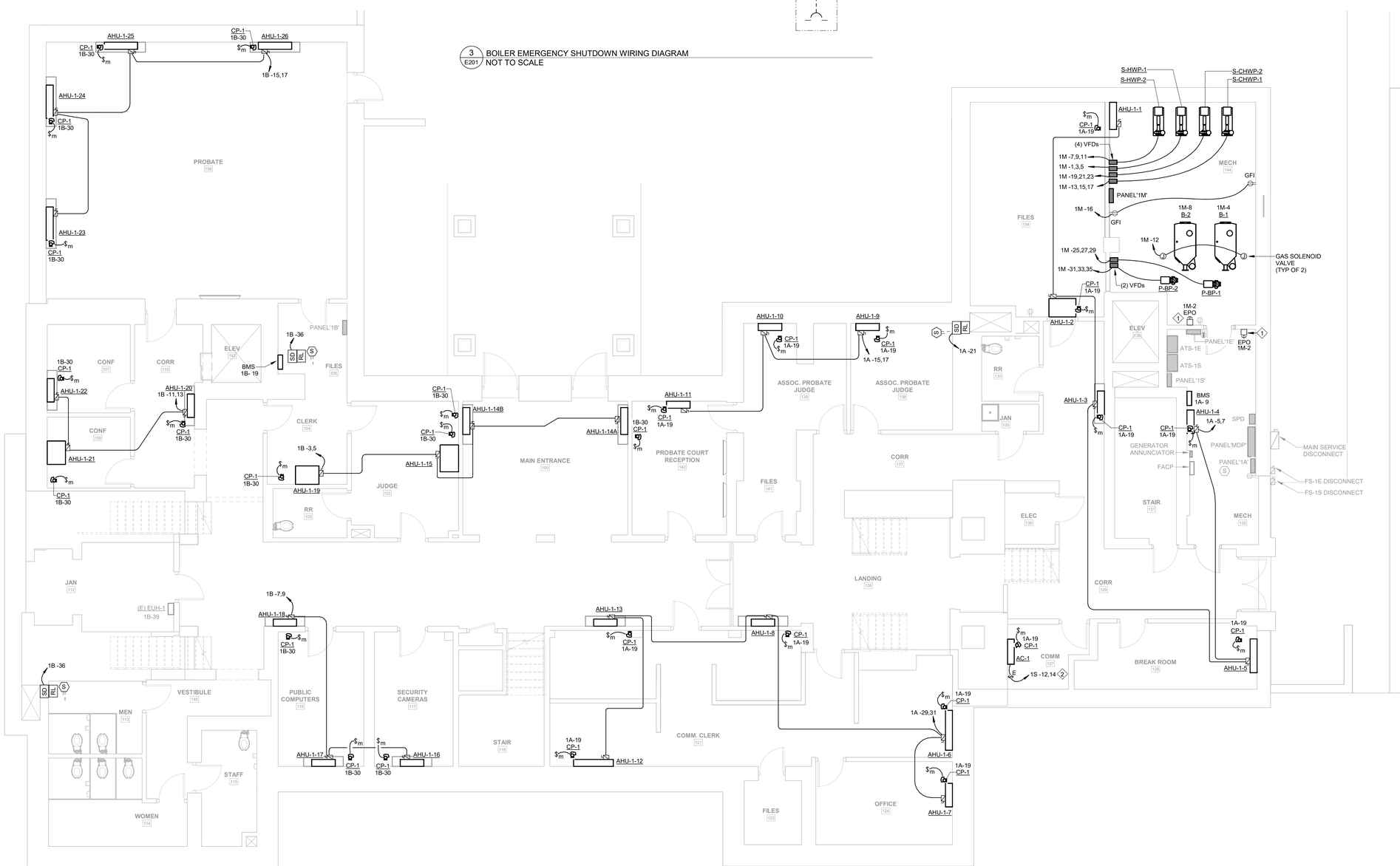
C. COORDINATE EXACT CIRCUIT REQUIREMENTS WITH ACTUAL EQUIPMENT NAMEPLATE PRIOR TO WORK.

D. PROVIDE WORKING CLEARANCE FOR ALL ELECTRICAL DISCONNECTS PER NEC.

E. ALL EXISTING CEILING MOUNTED DEVICES AND FIXTURES SHALL REMAIN UNO. REINSTALL IN NEW CEILING PER ARCHITECTURAL REFLECTED CEILING PLANS.

PLAN NOTES: (#)

1. REFER TO BOILER EMERGENCY SHUTDOWN DETAIL ON THIS SHEET FOR WIRING INFORMATION.
2. FEED VIA OUTDOOR UNIT ON ROOF. SEE SHEET E204.
3. COORDINATE LOCATION OF FIXTURE WITH DUCTWORK AND PIPING TO PROVIDE OPTIMAL LIGHTING FOR EQUIPMENT.
4. REINSTALL AND RECONNECT EXISTING DEVICE AT NEW LOCATION INDICATED.



1 E201 ELECTRICAL 1ST FLOOR POWER PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)
0" 1" 2" 3" 4"

SOUTH CAROLINA — DEVITA & ASSOCIATES, INC. — No. C00415 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — REGISTERED PROFESSIONAL ENGINEER — NO. 22785 — SHANNON L. EPPS — 1-01-2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ELECTRICAL 1ST FLOOR POWER PLAN

DRAWING NO.
E201

Drawn By: RHV Checked By: SLE

GENERAL NOTES:

A. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET E900 FOR MECHANICAL EQUIPMENT CIRCUIT AND DISCONNECT REQUIREMENTS.

B. LABEL ALL WIRING DEVICES WITH PANEL/CIRCUIT SERVING DEVICE. REFER TO LABELING DETAIL ON SHEET E001.

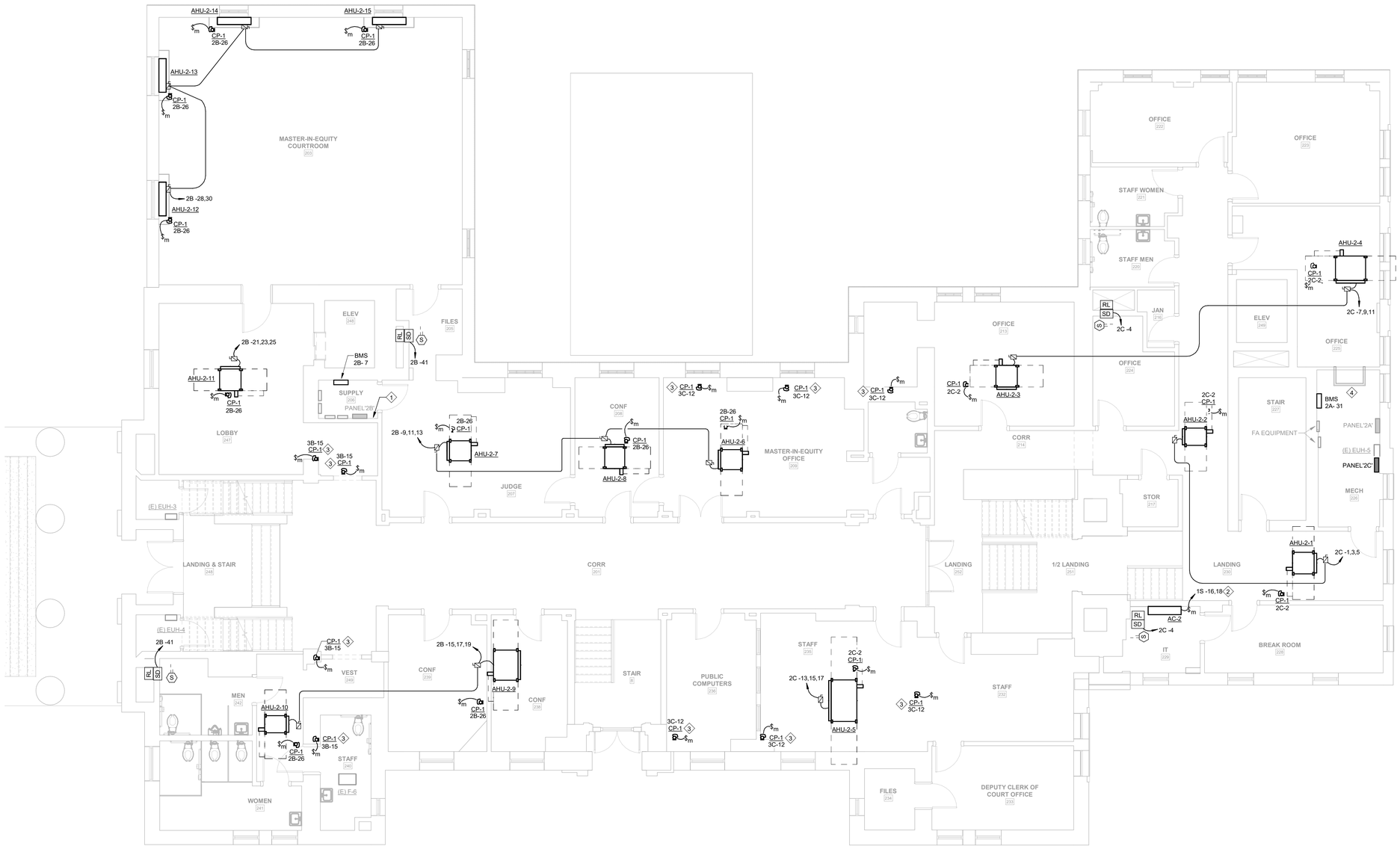
C. COORDINATE EXACT CIRCUIT REQUIREMENTS WITH ACTUAL EQUIPMENT NAMEPLATE PRIOR TO WORK.

D. PROVIDE WORKING CLEARANCE FOR ALL ELECTRICAL DISCONNECTS PER NEC.

E. ALL EXISTING CEILING MOUNTED DEVICES AND FIXTURES SHALL REMAIN UNO. REINSTALL IN NEW CEILING PER ARCHITECTURAL REFLECTED CEILING PLANS.

PLAN NOTES: ◇

1. REPLACE EXISTING OCCUPANCY SENSOR WITH STANDARD LIGHT SWITCH PER SPECIFICATIONS.
2. FEED VIA OUTDOOR UNIT ON ROOF. SEE SHEET E204.
3. CONDENSATE PUMP SERVES THE AHU IN THE COURTROOM ON THE FLOOR ABOVE.
4. RELOCATE EXISTING LIGHT FIXTURE IN SPACE TO ACCOMMODATE THE INSTALLATION OF NEW SHAFT. EXTEND WIRING AND CONDUIT TO NEW LOCATION.



1 / E202 ELECTRICAL 2ND FLOOR POWER PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

DEVITA & ASSOCIATES, INC. No. C00415 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER NO. 22785 SHANNON L. EPPERLY 1-01-2026

SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ELECTRICAL 2ND FLOOR POWER PLAN

DRAWING NO.
E202

Drawn By: RHV Checked By: SLE

GENERAL NOTES:

A. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET E900 FOR MECHANICAL EQUIPMENT CIRCUIT AND DISCONNECT REQUIREMENTS.

B. LABEL ALL WIRING DEVICES WITH PANEL/CIRCUIT SERVING DEVICE. REFER TO LABELING DETAIL ON SHEET E001.

C. COORDINATE EXACT CIRCUIT REQUIREMENTS WITH ACTUAL EQUIPMENT NAMEPLATE PRIOR TO WORK.

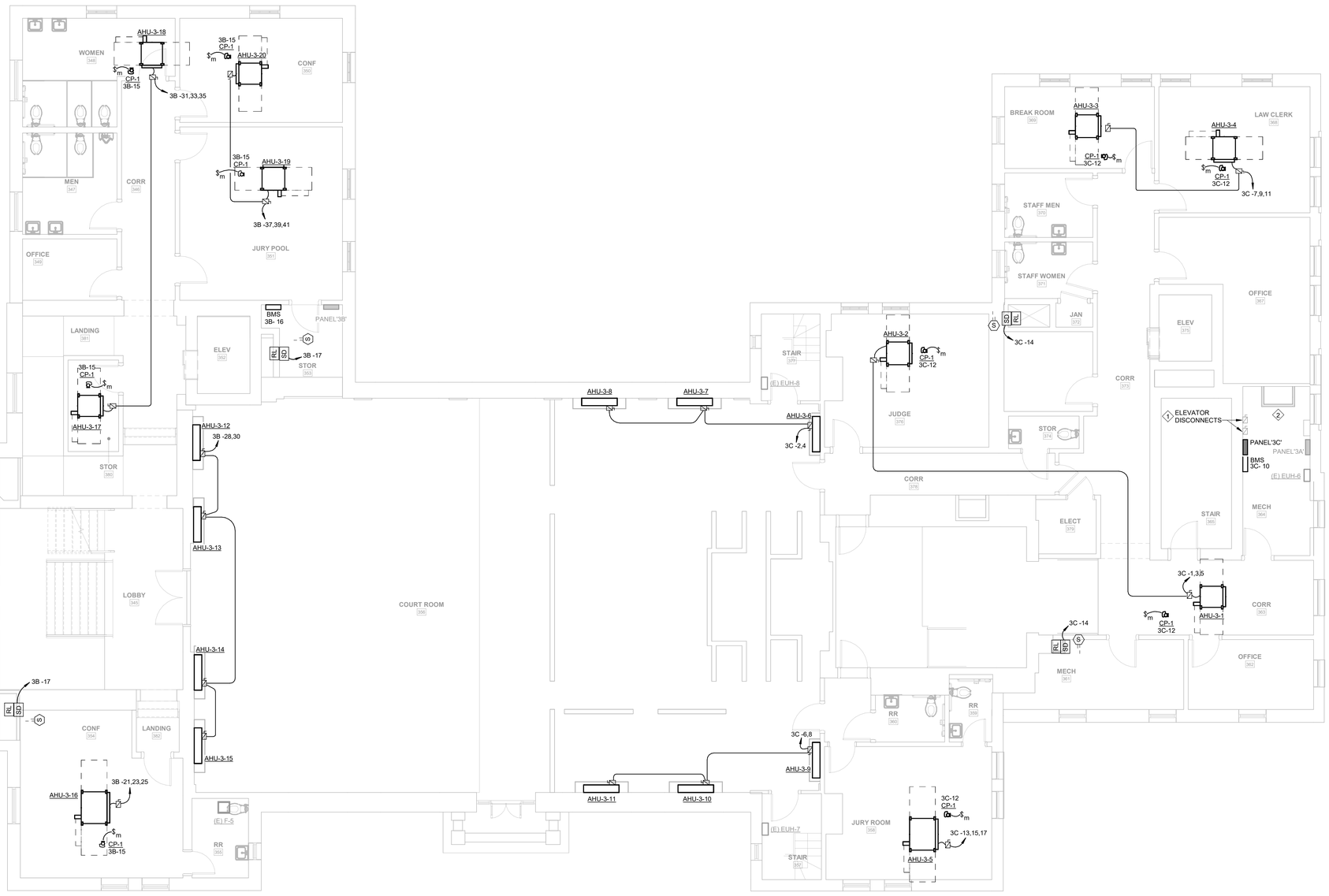
D. PROVIDE WORKING CLEARANCE FOR ALL ELECTRICAL DISCONNECTS PER NEC.

E. ALL EXISTING CEILING MOUNTED DEVICES AND FIXTURES SHALL REMAIN UNO. REINSTALL IN NEW CEILING PER ARCHITECTURAL REFLECTED CEILING PLANS.

PLAN NOTES:

1. RELOCATE EXISTING DISCONNECTS TO ACCOMMODATE NEW SHAFT CONSTRUCTION AND PROVIDE NEC REQUIRED CLEARANCE FOR DISCONNECTS. EXTEND WIRING AND CONDUIT TO NEW LOCATION SHOWN ON NEW WORK PLANS.

2. RELOCATE EXISTING LIGHT FIXTURE IN SPACE TO ACCOMMODATE NEW SHAFT CONSTRUCTION. EXTEND WIRING AND CONDUIT TO NEW LOCATION.



1 E203 ELECTRICAL 3RD FLOOR POWER PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE)

DEVITA & ASSOCIATES, INC. No. C00415 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER NO. 22785 SHANNON L. EPPS 1-01-2026

SEALS

DEVITA Engineering Great Ideas

ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

York County South Carolina

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ELECTRICAL 3RD FLOOR POWER PLAN

DRAWING NO.
E203

Drawn By: RHV Checked By: SLE

GENERAL NOTES:

A. REFER TO MECHANICAL EQUIPMENT SCHEDULE ON SHEET E900 FOR MECHANICAL EQUIPMENT CIRCUIT AND DISCONNECT REQUIREMENTS.

B. LABEL ALL WIRING DEVICES WITH PANEL/CIRCUIT SERVING DEVICE. REFER TO LABELING DETAIL ON SHEET E001.

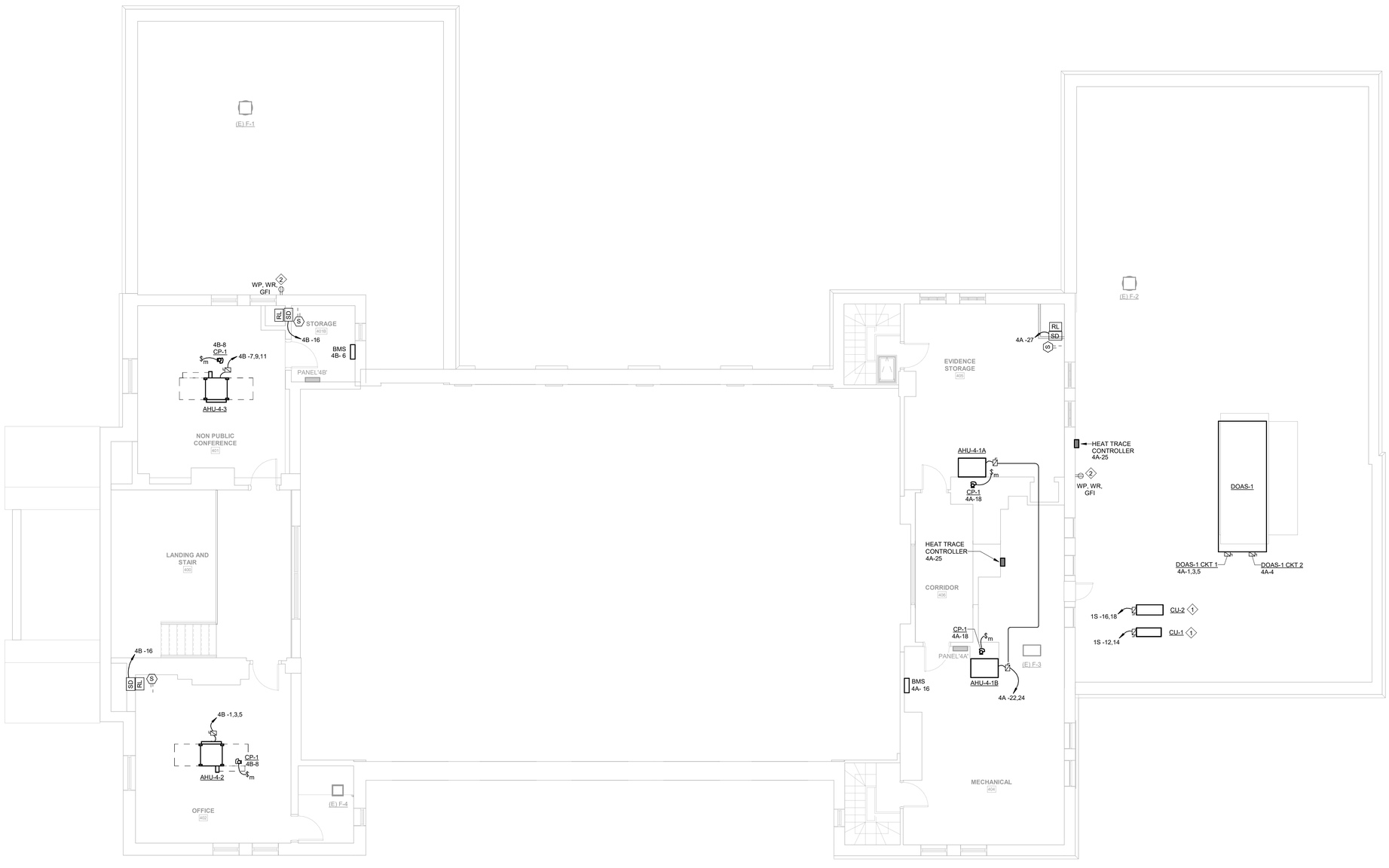
C. COORDINATE EXACT CIRCUIT REQUIREMENTS WITH ACTUAL EQUIPMENT NAMEPLATE PRIOR TO WORK.

D. PROVIDE WORKING CLEARANCE FOR ALL ELECTRICAL DISCONNECTS PER NEC.

E. ALL EXISTING CEILING MOUNTED DEVICES AND FIXTURES SHALL REMAIN UNO. REINSTALL IN NEW CEILING PER ARCHITECTURAL REFLECTED CEILING PLANS.

PLAN NOTES: (#)

1. SEE SHEETS E201 AND E202 FOR INDOOR UNIT LOCATIONS.
2. REPLACE EXISTING RECEPTACLE WITH NEW PER SPECIFICATIONS. RECONNECT TO THE EXISTING CIRCUIT.



1 E204 ELECTRICAL 4TH FLOOR POWER PLAN
3/16" = 1'-0"

(BAR GRAPHIC IS 4" AT FULL SCALE) 0" 1" 2" 3" 4"

DEVITA & ASSOCIATES, INC. No. C00415 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER NO. 22785 SHANNON L. EPPERLY 1-01-2026

SEALS

DEVITA Engineering Great Ideas

ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

York County South Carolina

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ELECTRICAL 4TH FLOOR POWER PLAN

DRAWING NO.
E204

Drawn By: RHV Checked By: SLE

LIGHTING FIXTURE SCHEDULE

FIXTURE MARK	FIXTURE DESCRIPTION	LAMP TYPE AND LUMENS	VOLTAGE	FIXTURE WATTS	MOUNTING METHOD AND HEIGHT	ACCEPTABLE MANUFACTURERS	REMARKS
UT	4' LED STRIP FIXTURE, BAKED WHITE STEEL HOUSING, DIFFUSE SNAP-ON LENS	LED 4000ºK 5000 LUMENS	120/277	41	CHAIN HUNG AT 8'-0"	MANUF: LITHONIA LIGHTING PART # ZL1D L48 5000LM FST MVOLT 40K 80CRI WH HC36 M12 OR EQUAL BY COLUMBIA, METALUX, OR HE WILLIAMS	
WP	WALL PACK, DIE-CAST ALUMINUM HOUSING, DARK BRONZE FINISH, WIDE DISTRIBUTION, UL LISTED FOR WET LOCATIONS	LED 4000ºK 2000 LUMENS	120/277	15	WALL SURFACE	MANUF: LITHONIA LIGHTING PART # WDGE2 LED P2 40K 80CRI VW MVOLT SRM DDBXD OR EQUAL BY HE WILLIAMS, BEACON, OR LUMARK	

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

A. FINISHES SHALL BE CONFIRMED BY ARCHITECT OR OWNER PRIOR TO ORDERING.

B. LED DRIVERS SHALL CONFORM TO IEEE P1789 STANDARDS. ALTERNATIVELY, MANUFACTURERS MUST DEMONSTRATE CONFORMANCE WITH PRODUCT LITERATURE AND TESTING WHICH DEMONSTRATES THIS PERFORMANCE. SYSTEMS THAT DO NOT MEET IEEE P1789 WILL NOT BE CONSIDRED.

C. LED DRIVERS SHALL BE MULTI-VOLT. IF MULTI-VOLT DRIVERS ARE NOT AVAILABLE, THEN REQUIRED VOLTAGE SHALL BE VERIFIED WITH ENGINEER PRIOR TO ORDERING.

D. ENSURE THAT LIGHTING CONTROL DEVICES ARE COMPATIBLE WITH FIXTURES AND LAMPS.

E. PROVIDE ALL REQUIRED HARDWARE FOR ALL FIXTURES. VERIFY TYPE REQUIRED WITH INSTALLATION LOCATION.

F. PROVIDE MOUNTING KITS AND/OR ACCESSORIES REQUIRED FOR INSTALLING FIXTURES IN VARIOUS CEILING TYPES. VERIFY CEILING TYPES WITH ARCHITECTURAL DRAWINGS.

MECHANICAL EQUIPMENT SCHEDULE

TAG	VOLTAGE	PHASE	LOAD kW	LOAD HP	LOAD FLA	CONDUCTORS & CONDUIT	DISCONNECT	CIRCUIT PANEL	CIRCUIT NO.	REMARKS
AC-1	208	1				2#10, 1#10G; 3/4"C	MOTOR RATED SWITCH	1S	12,14	1
AC-2	208	1				2#10, 1#10G; 3/4"C	MOTOR RATED SWITCH	1S	16,18	1
ACC-1	480	3			211.4 A	3-350KCM, 1#4G; 3"C	FWE	CH	1,3,5	
ACC-1 EVAPORATOR HEATER	120	1			1.3	2#12,1#12G, 3/4"C	WP MOTOR-RATED SWITCH	CL	1	
ACC-2	480	3			211.4 A	3-350KCM, 1#4G; 3"C	FWE	CH	2,4,6	
ACC-2 EVAPORATOR HEATER	120	1			1.3	2#12,1#12G, 3/4"C	WP MOTOR-RATED SWITCH	CL	4	
AHU-1-1	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1A	5,7	
AHU-1-2	208	1			1.1	2#12, 1#12G; 3/4"C	FWE	1A	5,7	
AHU-1-3	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1A	5,7	
AHU-1-4	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1A	5,7	
AHU-1-5	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	1A	5,7	
AHU-1-6	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	1A	29,31	
AHU-1-7	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1A	29,31	
AHU-1-8	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1A	29,31	
AHU-1-9	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1A	15,17	
AHU-1-10	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1A	15,17	
AHU-1-11	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1A	15,17	
AHU-1-12	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	1A	29,31	
AHU-1-13	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1A	29,31	
AHU-1-14A	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1B	3,5	
AHU-1-14B	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1B	3,5	
AHU-1-15	208	1			1.1	2#12, 1#12G; 3/4"C	FWE	1B	3,5	
AHU-1-16	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1B	7,9	
AHU-1-17	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1B	7,9	
AHU-1-18	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1B	7,9	
AHU-1-19	208	1			1.1	2#12, 1#12G; 3/4"C	FWE	1B	3,5	
AHU-1-20	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1B	11,13	
AHU-1-21	208	1			1.1	2#12, 1#12G; 3/4"C	FWE	1B	11,13	
AHU-1-22	208	1			1.4	2#12, 1#12G; 3/4"C	FWE	1B	11,13	
AHU-1-23	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	1B	15,17	
AHU-1-24	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	1B	15,17	
AHU-1-25	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	1B	15,17	
AHU-1-26	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	1B	15,17	
AHU-2-1	208	3			4.6	3#12,1#12G, 3/4"C	FWE	2C	1,3,5	
AHU-2-2	208	3			2.4	3#12,1#12G, 3/4"C	FWE	2C	1,3,5	
AHU-2-3	208	3			2.4	3#12,1#12G, 3/4"C	FWE	2C	7,9,11	
AHU-2-4	208	3			4.6	3#12,1#12G, 3/4"C	FWE	2C	7,9,11	
AHU-2-5	208	3			7.6	3#12,1#12G, 3/4"C	FWE	2C	13,15,17	
AHU-2-6	208	3			2.4	3#12,1#12G, 3/4"C	FWE	2B	9,11,13	
AHU-2-7	208	3			2.4	3#12,1#12G, 3/4"C	FWE	2B	9,11,13	
AHU-2-8	208	3			2.4	3#12,1#12G, 3/4"C	FWE	2B	9,11,13	
AHU-2-9	208	3			2.4	3#12,1#12G, 3/4"C	FWE	2B	15,17,19	
AHU-2-10	208	3			2.4	3#12,1#12G, 3/4"C	FWE	2B	15,17,19	
AHU-2-11	208	3			4.6	3#12,1#12G, 3/4"C	FWE	2B	21,23,25	
AHU-2-12	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	2B	28,30	
AHU-2-13	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	2B	28,30	
AHU-2-14	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	2B	28,30	
AHU-2-15	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	2B	28,30	

MECHANICAL EQUIPMENT SCHEDULE

TAG	VOLTAGE	PHASE	LOAD kW	LOAD HP	LOAD FLA	CONDUCTORS & CONDUIT	DISCONNECT	CIRCUIT PANEL	CIRCUIT NO.	REMARKS
AHU-3-1	208	3			2.4	3#12,1#12G, 3/4"C	FWE	3C	1,3,5	
AHU-3-2	208	3			4.6	3#12,1#12G, 3/4"C	FWE	3C	1,3,5	
AHU-3-3	208	3			4.6	3#12,1#12G, 3/4"C	FWE	3C	7,9,11	
AHU-3-4	208	3			4.6	3#12,1#12G, 3/4"C	FWE	3C	7,9,11	
AHU-3-5	208	3			2.4	3#12,1#12G, 3/4"C	FWE	3C	13,15,17	
AHU-3-6	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	3C	2,4	
AHU-3-7	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	3C	2,4	
AHU-3-8	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	3C	2,4	
AHU-3-9	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	3C	6,8	
AHU-3-10	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	3C	6,8	
AHU-3-11	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	3C	6,8	
AHU-3-12	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	3B	28,30	
AHU-3-13	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	3B	28,30	
AHU-3-14	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	3B	28,30	
AHU-3-15	208	1			1.8	2#12, 1#12G; 3/4"C	FWE	3B	28,30	
AHU-3-16	208	3			2.4	3#12,1#12G, 3/4"C	FWE	3B	21,23,25	
AHU-3-17	208	3			2.4	3#12,1#12G, 3/4"C	FWE	3B	31,33,35	
AHU-3-18	208	3			2.4	3#12,1#12G, 3/4"C	FWE	3B	31,33,35	
AHU-3-19	208	3			4.6	3#12,1#12G, 3/4"C	FWE	3B	37,39,41	
AHU-3-20	208	3			2.4	3#12,1#12G, 3/4"C	FWE	3B	37,39,41	
AHU-4-1A	208	1			1.1	2#12, 1#12G; 3/4"C	FWE	4A	22,24	
AHU-4-1B	208	1			1.1	2#12, 1#12G; 3/4"C	FWE	4A	22,24	
AHU-4-2	208	3			4.6	3#12,1#12G, 3/4"C	FWE	4B	1,3,5	
AHU-4-3	208	3			2.4	3#12,1#12G, 3/4"C	FWE	4B	7,9,11	
B-1	120	1			10	2#12,1#12G, 3/4"C	BREAKER IN PANEL	1M	4	
B-2	120	1			10	2#12,1#12G, 3/4"C	BREAKER IN PANEL	1M	8	
CU-1	208	1			12.8	2#10, 1#10G; 3/4"C	30A/2P/NF/NEMA-3R	1S	12,14	1
CU-2	208	1			17.6	2#10, 1#10G; 3/4"C	30A/2P/NF/NEMA-3R	1S	16,18	1
DOAS-1 CKT 1	208	3			20.1	3#10, 1#10G; 3/4"C	FWE	4A	1,3,5	
DOAS-1 CKT 2	120	1			1.3	2#12,1#12G, 3/4"C	FWE	4A	4	3
P-BP-1	208	3	2			3#12,1#12G, 3/4"C	VFD	1M	25,27,29	2
P-BP-2	208	3	2			3#12,1#12G, 3/4"C	VFD	1M	31,33,35	2
P-CHP-1	480	3	5			3#12,1#12G, 3/4"C	VFD	CH	7,9,11	2
P-CHP-2	480	3	5			3#12,1#12G, 3/4"C	VFD	CH	8,10,12	2
S-CHWP-1	208	3	7.5			3#10, 1#10G; 3/4"C	VFD	1M	13,15,17	2
S-CHWP-2	208	3	7.5			3#10, 1#10G; 3/4"C	VFD	1M	19,21,23	2
S-HWP-1	208	3	7.5			3#10, 1#10G; 3/4"C	VFD	1M	1,3,5	2
S-HWP-2	208	3	7.5			3#10, 1#10G; 3/4"C	VFD	1M	7,9,11	2

REMARKS:

1. INDOOR UNIT IS FED FROM OUTDOOR UNIT.
2. VFD'S ARE FURNISHED BY MECH CONTRACTOR, MOUNTED AND POWER-WIRED BY ELEC CONTRACTOR. CONTROL WIRING AND PROGRAMMING BY MECH/CONTROLS CONTRACTOR.
3. FOR DOAS UV LIGHTS.

(BAR GRAPHIC IS 4" AT FULL SCALE)

SOUTH CAROLINA — DEVITA & ASSOCIATES, INC. — No. C00415 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — REGISTERED PROFESSIONAL ENGINEER — NO. 22785 — SHANNON L. EPPS — 7-01-2026

SEALS

DEVITA Engineering Great Ideas

ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

York County South Carolina

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST, YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ELECTRICAL SCHEDULES

DRAWING NO.
E900

Drawn By: RHV Checked By: SLE

Panel: MDP

Existing

Voltage: 208Y/120 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 1
Min SCCR: 42K **Mounting:** SURFACE **Feeder Rating:** 1200 A **Panel Rating:** 1200 A **Type:** MLO

Remarks: SQ D I-LINE

BRKR	Notes		Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes		BRKR
				1	15025	3500					2				
200 A	3	N	PANEL 1M	3			14985	3500			4	ELEVATOR 136	E	3	60 A
				5					13675	3500	6				
				7	--	3500					8				
--	3		SPACE	9			--	3500			10	ELEVATOR 143	E	3	60 A
				11					--	3500	12				
				13	--	--					14				
--	3		SPACE	15			--	--			16	SPACE		3	--
				17					--	--	18				
				19	--	--					20				
--	3		SPACE	21			--	--			22	SPACE		3	--
				23					--	--	24				
				25	--	4911					26				
--	3		SPACE	27			--	4611			28	ATS-1S	E	3	100 A
				29					--	5122	30				
				31	--	1582					32				
--	3		SPACE	33			--	1400			34	ATS-1E	E	3	100 A
				35					--	1400	36				
				37	--	--					38				
--	3		SPACE	39			--	--			40	SPACE		3	--
				41					--	--	42				
--	1		SPACE	43	--	--					44				
				45			0	--			46	SPACE		3	--
50 A	3	E	SPD	47					0	--	48				
				49	0	26740					50				
				51			39606	21697			52	PANEL 3A	E	3	200 A
400 A	3	E	PANEL 2B	53					37755	22392	54				
				55	31149	13515					56				
--	1	E	SPACE OCCUPIED BY PNL 2B...	57			--	14200			58	PANEL 2A	E	3	200 A
				59					9594	13475	60				
400 A	3	E	PANEL 4A	61	6199	13867					62				
				63			5713	11638			64	PANEL 1A	E	3	200 A
--	1	E	SPACE OCCUPIED BY PNL 4A...	65					--	19291	66				
					119987 VA		120849 VA		129704 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	24626 VA	70071 VA	27900 VA	74960 VA	0 VA	0 VA	0 VA	172983 VA		
Demand Factor	125%	100%	NEC	NEC	100%	NEC	NEC	100%	Total Conn. Load:	370540 VA
Demand Load	30783 VA	70071 VA	30525 VA	42480 VA	0 VA	0 VA	0 VA	172983 VA	Total Est. Demand:	346842 VA
									Total Conn. Current:	1029 A
									Total Est. Demand Current:	963 A

Panel: 1M

New Construction

Voltage: 208Y/120 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 1
Min SCCR: 22K **Mounting:** SURFACE **Feeder Rating:** 200 A **Panel Rating:** 225 A **Type:** MLO

Remarks:

BRKR	Notes		Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes		BRKR
				1	2906	400					2	EM-STOP CTRLS	LO	1	20 A
40 A	3		S-HWP-1	3			2906	1200			4	BOILER B-1	ST, LF	1	20 A
				5					2906	--	6	SHUNT TRIP		1	--
				7	2906	1200					8	BOILER B-2	ST, LF	1	20 A
40 A	3		S-HWP-2	9			2906	--			10	SHUNT TRIP		1	--
				11					2906	250	12	GAS SOLENOID VALVE(S)	ST	1	20 A
				13	2906	--					14	SHUNT TRIP		1	--
40 A	3		S-CHWP-1	15			2906	360			16	R - BOILER ROOM		1	20 A
				17					2906	0	18	SPARE		1	20 A
				19	2906	0					20	SPARE		1	20 A
40 A	3		S-CHWP-2	21			2906	0			22	SPARE		1	20 A
				23					2906	0	24	SPARE		1	20 A
				25	901	--					26	SPACE		1	--
15 A	3		P-BP-1	27			901	--			28	SPACE		1	--
				29					901	--	30	SPACE		1	--
				31	901	--					32	SPACE		1	--
15 A	3		P-BP-2	33			901	--			34	SPACE		1	--
				35					901	--	36	SPACE		1	--
20 A	1		SPARE	37	0	--					38	SPACE		1	--
20 A	1		SPARE	39			0	--			40	SPACE		1	--
20 A	1		SPARE	41					0	--	42	SPACE		1	--
					15025 VA		14985 VA		13675 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	0 VA	31558 VA	8718 VA	360 VA	0 VA	0 VA	0 VA	3050 VA		
Demand Factor	125%	100%	NEC	NEC	100%	NEC	NEC	100%	Total Conn. Load:	43686 VA
Demand Load	0 VA	31558 VA	10898 VA	360 VA	0 VA	0 VA	0 VA	3050 VA	Total Est. Demand:	45866 VA
									Total Conn. Current:	121 A
									Total Est. Demand Current:	127 A

Panel: 1A

Existing

Voltage: 208Y/120 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 1
Min SCCR: 22K **Mounting:** SURFACE **Feeder Rating:** 200 A **Panel Rating:** 225 A **Type:** MLO

Remarks: SQ D NQ

BRKR	Notes		Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes		BRKR
20 A	1	E	LIGHTING	1	1164	360					2	REC BREAK RM 128	E	1	20 A
20 A	1	E	LIGHTING	3			1000	360			4	REC BREAK RM 128	E	1	20 A
15 A	2	N	AHU-1-1, AHU-1-2, AHU-1-3, AHU-1-4, AHU-1-5	5					740	1080	6	REC BREAK RM 128	E, G	1	20 A
				7	740	540					8	REC BREAK RM 128	E	1	20 A
20 A	1	R	BMS PANEL	9			300	360			10	REC IRRIGATION	E	1	20 A
20 A	1	E	SUMP PUMP	11					1100	900	12	REC RM 139	E	1	20 A
20 A	1	E	CONTROL PANEL	13	800	900					14	REC RM 138	E	1	20 A
15 A	2	N	AHU-1-9, AHU-1-10, AHU-1-11	15			438	900			16	REC RM 124	E	1	20 A
				17					438	1500	18	COPIER RM REC	E	1	20 A
20 A	1	R	CONDENSATE PUMPS	19	1190	720					20	REC RM 119 120	E	1	20 A
20 A	1	LO, R	SMOKE DAMPER	21			100	900			22	REC RM 142 141	E	1	20 A
20 A	1	E	SPARE	23					0	360	24	REC MAIN ENTRANCE	E	1	20 A
20 A	1	E	SPARE	25	0	540					26	REC BATH/FILES RM	E	1	20 A
20 A	1	E	SPARE	27			0	900			28	REC RM 236	E	1	20 A
15 A	2	N	AHU-1-6, AHU-1-7, AHU-1-8, AHU-1-12, AHU-1-13	29					813	360	30	TELECOM RM	E	1	20 A
				31	813	100					32	SHUNT TRIP/SPRINKLER	E	1	20 A
20 A	1	E	ELEV PIT LTS/REC	33			380	0			34	SPARE	E	1	20 A
40 A	2	E	WATER HEATER	35					3000	3000	36	WATER HEATER	E	2	40 A
				37	3000	3000					38				
40 A	2	E	WATER HEATER	39			3000	3000			40	WATER HEATER	E	2	40 A
				41					3000	3000	42				
					13867 VA		11638 VA		19291 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	1544 VA	5172 VA	1900 VA	10680 VA	0 VA	0 VA	0 VA	25500 VA		
Demand Factor	125%	100%	NEC	NEC	100%	NEC	NEC	100%	Total Conn. Load:	44796 VA
Demand Load	1930 VA	5172 VA	2175 VA	10340 VA	0 VA	0 VA	0 VA	25500 VA	Total Est. Demand:	45117 VA
									Total Conn. Current:	124 A
									Total Est. Demand Current:	125 A

Panel: 1B

Existing

Voltage: 208Y/120 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 1
Min SCCR: 22K **Mounting:** SURFACE **Feeder Rating:** 200 A **Panel Rating:** 225 A **Type:** MLO

Remarks: SQ D NQ

BRKR	Notes		Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes		BRKR
20 A	1	E	REC FLR BOX PROBATE CRT RM	1	0	540					2	REC PROBATE CRT RM	E	1	20 A
15 A	2	N	AHU-1-14A, AHU-1-14B, AHU-1-15, AHU-1-19	3			521	360			4	REC PROBATE CRT RM	E	1	20 A
				5					521	540	6	REC PROBATE CRT RM	E	1	20 A
15 A	2	N	AHU-1-16, AHU-1-17, AHU-1-18	7	438	1100					8	SUMP PUMP	E	1	20 A
				9			438	720			10	REC FLOOR BOX EQUITY CRT	E	1	20 A
15 A	2	N	AHU-1-20, AHU-1-21, AHU-1-22	11					407	500	12	WATER COOLER	E	1	20 A
				13	407	720					14	REC RM 104	E	1	20 A
15 A	2	N	AHU-1-23, AHU-1-24, AHU-1-25, AHU-1-26	15			750	1260			16	REC RM 102	E	1	20 A
				17					750	1080	18	REC RM 108 107	E	1	20 A
20 A	1	R	BMS PANEL	19	300	360					20	REC MAIN CORRIDOR	E	1	20 A
20 A	1	E	SCANNER	21			200	720			22	REC PUBLIC RESTROOMS	E	1	20 A
20 A	2	E	SPARE	23					0	720	24	REC PUBLIC COMP. RMS	E	1	20 A
				25	0	720					26	REC PUBLIC COMP. RMS	E	1	20 A
30 A	2	E	SPARE	27			0	540			28	SECURITY T.V. OUTLETS	E	1	20 A
				29					0	1190	30	CONDENSATE PUMPS	R	1	20 A
30 A	1	E	WATER HEATER	31	3000	500					32	ELEV PIT LIGHTS/REC	E	1	20 A
30 A	1	E	WATER HEATER	33			3000	360			34	REC BESIDE PANEL	E	1	20 A
30 A	1	E	WATER HEATER	35					3000	200	36	SMOKE DAMPERS	LO, R	1	20 A
30 A	1	E	WATER HEATER	37	3000	500					38	LIGHTING	E	1	20 A
20 A	1	E	WALL HEATER (EUH-1)	39			500	500			40	LIGHTING	E	1	20 A
20 A	1	E	LOBBY SEC. REC	41					360	500	42	LIGHTING	E	1	20 A
					11585 VA		9869 VA		9768 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	1500 VA	5836 VA	85 VA	10000 VA	0 VA	0 VA	0 VA	13800 VA		
Demand Factor	125%	100%	NEC	NEC	100%	NEC	NEC	100%	Total Conn. Load:	31221 VA
Demand Load	1875 VA	5836 VA	106 VA	10000 VA	0 VA	0 VA	0 VA	13800 VA	Total Est. Demand:	31617 VA
									Total Conn. Current:	87 A
									Total Est. Demand Current:	88 A

Panel: 1E

Existing

Voltage: 208Y/120 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 1
Min SCCR: 50K **Mounting:** SURFACE **Feeder Rating:** 100 A **Panel Rating:** 100 A **Type:** MLO

Remarks: BUSSMANN QUIK-SPEC. USES FUSES ONLY

BRKR	Notes		Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes		BRKR
20 A	1	E	1ST FLOOR LIGHTING	1	582	500					2	FIRE ALARM	E	1	20 A
20 A	1	E	2ND FLOOR LIGHTING	3			500	500			4	FIRE ALARM	E, LO	1	20 A
20 A	1	E	3RD FLOOR LIGHTING	5					500	500	6	FIRE ALARM	E, LO	1	20 A
20 A	1	E	SPARE	7	0	500					8	UNLABELED LOAD	E	1	20 A
20 A	1	E	OUTSIDE LIGHTS	9			400	0			10	SPARE	E	1	20 A
20 A	1	E	OUTSIDE LIGHTS	11					400	0	12	SPARE	E	1	20 A
20 A	1	E	SPARE	13	0	--					14	SPACE		1	--
20 A	1	E	SPARE	15			0	--			16	SPACE		1	--
--	1		SPACE	17					--	--	18	SPACE		1	--
--	1		SPACE	19	--	--					20	SPACE		1	--
--	1		SPACE	21			--	--			22	SPACE		1	--
--	1		SPACE	23					--	--	24	SPACE		1	--
--	1		SPACE	25	--	--					26	SPACE		1	--
--	1		SPACE	27			--	--			28	SPACE		1	--
--	1		SPACE	29					--	--	30	SPACE		1	--
--	1		SPACE	31	--	--					32	SPACE		1	--
--	1		SPACE	33			--	--			34	SPACE		1	--
--	1		SPACE	35					--	--	36	SPACE		1	--
--	1		SPACE	37	--	0					38				
--	1		SPACE	39			--	0			40	SPD	E	3	60 A
--	1		SPACE	41					--	0	42				
					1582 VA		1400 VA		1400 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	2382 VA	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	2000 VA		
Demand Factor	125%	100%	NEC	NEC	100%	NEC	NEC	100%	Total Conn. Load:	4382 VA
Demand Load	2978 VA	0 VA	0 VA	0 VA	0 VA	0 VA	0 VA	2000 VA	Total Est. Demand:	4978 VA
									Total Conn. Current:	12 A
									Total Est. Demand Current:	14 A

Panel: 1S

Existing

Voltage: 208Y/120 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 1
Min SCCR: 50K **Mounting:** SURFACE **Feeder Rating:** 100 A **Panel Rating:** 100 A **Type:** MLO

Remarks: BUSSMANN QUIK SPEC. USES FUSES ONLY.

BRKR	Notes		Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes		BRKR
20 A	1	E	GEN BLOCK HEATER	1	1500	1000					2	1ST FLOOR SECURITY	E	1	20 A
20 A	1	E	GEN CHARGER	3			500	0			4	SPARE	E	1	20 A
20 A	1	E	ELECT. RM REC	5					360	0	6	SPARE	E	1	20 A
20 A	1	E	UNLABELED LOAD	7	360	720					8	REC SEC	E	1	20 A
20 A	1	E	2ND FLOOR AV RACK	9			1200	720			10	REC SEC	E	1	20 A
20 A	1	E	2ND FLOOR DATA RACK	11					1600	1331	12	CU-1/AC-1	N	2	20 A
20 A	1	E	SPARE	13	0	1331					14				
20 A	1	E	UNLABELED LOAD	15			360	1831			16	CU-2/AC-2	N	2	25 A
20 A	1	E	SPARE	17					0	1831	18				
20 A	1	E	SPARE	19	0	0					20	SPARE		1	20 A
20 A	1	E	SPARE	21			0	0			22	SPARE		1	20 A
15 A	1	E	SPARE	23					0	0	24	SPARE		1	30 A
30 A	1	E	SPARE	25	0	0					26	SPARE		1	30 A
--	1		SPACE	27			--	--			28	SPACE		1	--
--	1		SPACE	29					--	--	30	SPACE		1	--
--	1		SPACE	31	--	--					32	SPACE		1	--
--	1		SPACE	33			--	--			34	SPACE		1	--
--	1		SPACE	35					--	--	36	SPACE		1	--
--	1		SPACE	37	--	--					38	SPACE		1	--
--	1		SPACE	39			--	--			40	SPACE		1	--
--	1		SPACE	41					--	--	42	SPACE		1	--
					4911 VA		4611 VA		5122 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	0 VA	6323 VA	0 VA	5320 VA	0 VA	0 VA	0 VA	3000 VA		
Demand Factor	125%	100%	NEC	NEC	100%	NEC	NEC	100%	Total Conn. Load:	14643 VA
Demand Load	0 VA	6323 VA	0 VA	5320 VA	0 VA	0 VA	0 VA	3000 VA	Total Est. Demand:	14643 VA
									Total Conn. Current:	41 A
									Total Est. Demand Current:	41 A

EXISTING PANEL GENERAL NOTES:

1. EXISTING CIRCUIT DATA SHOWN IS TAKEN FROM EXISTING FACILITY DOCUMENTATION AND/OR FIELD OBSERVATION. FIELD VERIFY ALL CIRCUITS.
2. VERIFY CIRCUITS ON EXISTING PANELS. ADJUST CIRCUITING AS REQUIRED TO MEET DESIGN INTENT OF DRAWINGS. TURN SPARE BREAKERS OFF.
3. PROVIDE NEW TYPEWRITTEN PANEL DIRECTORY TO REFLECT NEW CONDITIONS UPON COMPLETION OF WORK DESCRIBED IN THESE DRAWINGS.
4. REUSE EXISTING CIRCUIT BREAKERS WHERE POSSIBLE. PROVIDE NEW BREAKERS AS REQUIRED; TYPE, VOLTAGE RATING, AND AIC RATING TO MATCH EXISTING.
5. PANEL SCHEDULES REFLECT STATUS AFTER PROPOSED WORK IS COMPLETE, UNLESS NOTED OTHERWISE.
6. BOLD TEXT INDICATES EXISTING CIRCUITS MODIFIED AS PART OF THIS RENOVATION.

PANEL NOTES:

1	-	REPLACE EXISTING BREAKER WITH NEW. MATCH EXISTING TRIP RATING AND PROVIDE INTERRUPTING CAPACITY TO MATCH PANELBOARD MIN SCCR
E	-	EXISTING BREAKER AND CIRCUIT IN EXISTING PANEL TO REMAIN
G	-	GFI CIRCUIT BREAKER
LC	-	ROUTE CIRCUIT HOMERUN VIA CONTACTOR INDICATED
LF	-	PROVIDE PADLOCK ATTACHMENT FOR MAINTENANCE LOCK-OUT OF CIRCUIT BREAKER
LO	-	PROVIDE LOCK-ON DEVICE (HANDLE CLAMP) FOR CIRCUIT BREAKER
N	-	NEW BREAKER INSTALLED IN EXISTING PANEL
R	-	REUSE EXISTING BREAKER IN EXISTING PANEL FOR NEW LOAD OR DESCRIPTION INDICATED
ST	-	SHUNT-TRIP CIRCUIT BREAKER
SUB	-	SUB-FEED CIRCUIT BREAKER

SOUTH CAROLINA — DEVITA & ASSOCIATES, INC. — No. C00415 — CERTIFICATE OF AUTHORIZATION
SOUTH CAROLINA — REGISTERED PROFESSIONAL ENGINEER — NO. 22785 — SHANNON L. EPPLEY — 1-01-2026
SEALS

DEVITA Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ELECTRICAL PANEL SCHEDULES - 1ST FLOOR

DRAWING NO.
E901

Drawn By: RHV Checked By: SLE

4" 3" 2" 1" 0" (BAR GRAPHIC IS 4" AT FULL SCALE)

Panel: 2A

Existing

Voltage: 208Y/120 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 1
Min SCCR: 22K **Mounting:** SURFACE **Feeder Rating:** 200 A **Panel Rating:** 225 A **Type:** MLO

Remarks: SQ D NQ

BRKR	Notes		Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes	BRKR	
20 A	1	E	LIGHTING	1	1500	720					2	REC RM 228	E	1	20 A
20 A	1	E	LIGHTING	3			1200	540			4	REC ELECT./226	E	1	20 A
20 A	1	E	LIGHTING	5					1600	1080	6	REC RM 225	E	1	20 A
20 A	1	E	REC RM 235	7	360	900					8	REC RM 223	E	1	20 A
40 A	2	E	SPARE	9			0	1440			10	REC RM 222	E	1	20 A
				11					0	900	12	CORRIDOR REC	E	1	20 A
15 A	**2**	**R**	**SPARE**	13	0	1080					14	REC RM 213	E	1	20 A
				15			0	1080			16	REC RM 209	E	1	20 A
20 A	1	E	DATA RM REC	17					360	540	18	REC RM 208	E	1	20 A
20 A	1	E	REC BREAK RM 228	19	360	1080					20	REC RM 233	E	1	20 A
				21			3020	1080			22	REC RM 208	E	1	20 A
100 A	**3**	**N**	**PANEL '2C'**	23					2795	720	24	REC RM 232	E	1	20 A
				25	2595	720					26	REC RM 236	E	1	20 A
20 A	1	E	REC RM 224	27			720	1080			28	REC RM 236	E	1	20 A
20 A	1	E	CONTROL PANEL	29					500	1080	30	REC RM 236	E	1	20 A
20 A	**1**	**R**	**BMS PANEL**	31	300	3000					32	WATER HEATER	E	1	20 A
20 A	1	E	BATHROOM REC 220/221	33			540	3000			34	WATER HEATER	E	1	30 A
20 A	1	E	SPARE	35					0	3000	36	WATER HEATER	E	1	30 A
30 A	1	E	SPARE	37	0	900					38	WALL HEATER 226	E	1	30 A
40 A	2	E	SPARE	39			0	500			40	**EWC**	**G, 1**	**1**	**20 A**
				41					0	900	42	COPIER RM 235	E	1	20 A
					13515 VA		14200 VA		13475 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	4300 VA	340 VA	85 VA	17780 VA	0 VA	0 VA	0 VA	18684 VA		
Demand Factor	125%	100%	**NEC**	**NEC**	100%	NEC	NEC	100%	**Total Conn. Load:**	41189 VA
Demand Load	5375 VA	340 VA	106 VA	13890 VA	0 VA	0 VA	0 VA	18684 VA	**Total Est. Demand:**	38395 VA
									Total Conn. Current:	114 A
									Total Est. Demand Current:	107 A

Panel: 2B

Existing

Voltage: 208Y/120 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 1
Min SCCR: 22K **Mounting:** SURFACE **Feeder Rating:** 400 A **Panel Rating:** 400 A **Type:** MLO

Remarks: SQ D NQ

BRKR	Notes		Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes	BRKR	
20 A	1	E	CRT ROOM LIGHTS	1	1000	540					2	CRT ROOM REC	E	1	20 A
20 A	1	E	LIGHT	3			1000	360			4	UNLABELED LOAD	E	1	20 A
20 A	1	E	CORRIDOR LIGHTS	5					1000	900	6	CRT ROOM REC	E	1	20 A
20 A	**1**	**R**	**BMS PANEL**	7	300	900					8	REC RM 245, 246	E	1	20 A
				9			865	900			10	REC RM 207	E	1	20 A
15 A	**3**	**N**	**AHU-2-6, AHU-2-7, AHU-2-8**	11					865	600	12	**EWC**	**1, G**	**1**	**20 A**
				13	865	540					14	BATHROOM REC	E	1	20 A
				15			577	1080			16	REC RM 238, 239	E	1	20 A
15 A	**3**	**N**	**AHU-2-9, AHU-2-10**	17					577	540	18	ELECT RM REC	E	1	20 A
				19	577	500					20	WALL HEATER	E	1	20 A
				21			553	540			22	REC STORAGE RM	E	1	20 A
15 A	**3**	**N**	**AHU-2-11**	23					553	1080	24	CRT RM REC	E	1	20 A
				25	553	850					26	**CONDENSATE PUMPS**	**R**	**1**	**20 A**
30 A	1	E	WATER HEATER	27			3000	1110			28	**AHU-2-12, AHU-2-13, AHU-2-14, AHU-2-15**	**N**	**2**	**15 A**
30 A	1	E	WATER HEATER	29					3000	1110	30				
30 A	1	E	WATER HEATER	31	3000	12106					32				
30 A	1	E	UNLABELED LOAD	33			3000	12961			34	PANEL 3B	E	3	100 A
--	1		UNUSABLE SPACE	35					--	9816	36				
--	1		UNUSABLE SPACE	37	--	--					38	UNUSABLE SPACE		1	--
--	1		UNUSABLE SPACE	39			--	--			40	UNUSABLE SPACE		1	--
20 A	**1**	**LO, N**	**SMOKE DAMPERS**	41					200	--	42	UNUSABLE SPACE		1	--
				43	11585	6291					44				
200 A	3	E, SUB	PANEL 1B	45			9869	1941			46	PANEL 4B	E, SUB	3	200 A
				47					9768	1141	48				
					39606 VA		37755 VA		31149 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	7900 VA	11721 VA	85 VA	27360 VA	0 VA	0 VA	0 VA	61444 VA		
Demand Factor	125%	100%	**NEC**	**NEC**	100%	NEC	NEC	100%	**Total Conn. Load:**	108510 VA
Demand Load	9875 VA	11721 VA	106 VA	18680 VA	0 VA	0 VA	0 VA	61444 VA	**Total Est. Demand:**	101826 VA
									Total Conn. Current:	301 A
									Total Est. Demand Current:	283 A

Panel: 2C

New Construction

Voltage: 208Y/120 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 1
Min SCCR: 22K **Mounting:** SURFACE **Feeder Rating:** 100 A **Panel Rating:** 100 A **Type:** MLO

Remarks:

BRKR	Notes		Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes	BRKR	
				1	841	425					2	CONDENSATE PUMPS		1	20 A
15 A	3		AHU-2-1, AHU-2-2	3			841	200			4	SMOKE DAMPERS	LO	1	20 A
				5					841	0	6	SPARE		1	20 A
				7	841	0					8	SPARE		1	20 A
15 A	3		AHU-2-3, AHU-2-4	9			841	0			10	SPARE		1	20 A
				11					841	0	12	SPARE		1	20 A
				13	913	0					14	SPARE		1	20 A
15 A	3		AHU-2-5	15			913	0			16	SPARE		1	20 A
				17					913	0	18	SPARE		1	20 A
--	1		SPACE	19	--	--					20	SPACE		1	--
--	1		SPACE	21			--	--			22	SPACE		1	--
--	1		SPACE	23					--	--	24	SPACE		1	--
--	1		SPACE	25	--	--					26	SPACE		1	--
--	1		SPACE	27			--	--			28	SPACE		1	--
--	1		SPACE	29					--	--	30	SPACE		1	--
					3020 VA		2795 VA		2595 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	0 VA	340 VA	85 VA	0 VA	0 VA	0 VA	0 VA	7984 VA		
Demand Factor	125%	100%	**NEC**	**NEC**	100%	NEC	NEC	100%	**Total Conn. Load:**	8409 VA
Demand Load	0 VA	340 VA	106 VA	0 VA	0 VA	0 VA	0 VA	7984 VA	**Total Est. Demand:**	8430 VA
									Total Conn. Current:	23 A
									Total Est. Demand Current:	23 A

Panel: 3A

Existing

Voltage: 208Y/120 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 1
Min SCCR: 22K **Mounting:** SURFACE **Feeder Rating:** 200 A **Panel Rating:** 225 A **Type:** MLO

Remarks: SQ D NQ

BRKR	Notes		Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes	BRKR	
20 A	1	E	LIGHTING	1	1000	720					2	REC RM 317	E	1	20 A
20 A	1	E	LIGHTING	3			1000	540			4	REC ELECT./CORRIDOR	E	1	20 A
20 A	1	E	LIGHTING	5					1000	1080	6	REC RM 322	E	1	20 A
20 A	1	E	TASK LIGHTING 311	7	500	1080					8	REC RM 323	E	1	20 A
20 A	1	E	FIRE DAMPER	9			500	540			10	REC RM 324	E	1	20 A
20 A	1	E	SPARE	11					0	360	12	REC RM 324	E	1	20 A
20 A	1	E	REC RM 311	13	900	1080					14	REC RM 321	E	1	20 A
20 A	1	E	REC FLOOR BOX 311	15			900	1080			16	REC RM 332	E	1	20 A
20 A	1	E	WALL HEATER	17					500	1260	18	REC RM 315	E	1	20 A
15 A	**2**	**R**	**SPARE**	19	0	720					20	REC BATHROOMS	E	1	20 A
				21			0	360			22	REC RM 313	E	1	20 A
20 A	1	E	ELEVATOR LIGHTS	23					500	500	24	**WATER COOLER**	**1, G**	**1**	**20 A**
20 A	1	E	WALL HEATER	25	500	720					26	REC JUDGES BENCH	E	1	20 A
20 A	1	E	SPARE	27			0	720			28	REC JUDGES BENCH	E	1	20 A
				29					960	0	30	SPARE	E	1	30 A
15 A	3	E	DUMB WAITER	31	960	3000					32	WATER HEATER	E	1	30 A
				33			960	3000			34	WATER HEATER	E	1	30 A
40 A	2	E	WATER HEATER	35					3000	3000	36	WATER HEATER	E	1	30 A
				37	3000	3000					38	WATER HEATER	E	1	30 A
40 A	2	E	WATER HEATER	39			3000	3000			40	WATER HEATER	E	1	30 A
				41					3000	500	42	WALL HEATER	E	1	20 A
100 A	**3**	**N**	**PANEL '3C'**	43	3560	3000					44	WATER HEATER	E	2	40 A
				45			3097	3000			46				
				47					3732	3000	48	WATER HEATER	E	2	40 A
--	1		SPACE	49	--	3000					50				
--	1		SPACE	51			--	--			52	SPACE		1	--
--	1		SPACE	53					--	--	54	SPACE		1	--
					26740 VA		21697 VA		22392 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	4000 VA	4600 VA	85 VA	12560 VA	0 VA	0 VA	0 VA	49584 VA		
Demand Factor	125%	100%	**NEC**	**NEC**	100%	NEC	NEC	100%	**Total Conn. Load:**	70829 VA
Demand Load	5000 VA	4600 VA	106 VA	11280 VA	0 VA	0 VA	0 VA	49584 VA	**Total Est. Demand:**	70570 VA
									Total Conn. Current:	197 A
									Total Est. Demand Current:	196 A

Panel: 3B

Existing

Voltage: 208Y/120 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 1
Min SCCR: 22K **Mounting:** SURFACE **Feeder Rating:** 100 A **Panel Rating:** 100 A **Type:** MLO

Remarks: SQ D NQ

BRKR	Notes		Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes	BRKR	
20 A	1	E	LIGHTING	1	800	720					2	REC CORRIDOR	E	1	20 A
20 A	1	E	LIGHTING	3			800	720			4	REC RM 306	E	1	20 A
20 A	1	E	ELEV LIGHTING SHAFT	5					300	720	6	REC RM 305	E	1	20 A
20 A	1	E	EXHAUST FAN-1	7	600	540					8	REC RM 304	E	1	20 A
20 A	1	E	ELEV CAB LIGHTING	9			300	720			10	REC RM 307	E	1	20 A
20 A	**1**	**1, G**	**REC VENDING MACHINE 337**	11					1200	540	12	REC COURT RM 311	E	1	20 A
20 A	**1**	**1, G**	**REC VENDING MACHINE 337**	13	1200	540					14	REC COURT RM 311	E	1	20 A
20 A	**1**	**R**	**CONDENSATE PUMPS**	15			765	300			16	**BMS PANEL**	**R**	**1**	**20 A**
20 A	**1**	**LO, R**	**SMOKE DAMPERS**	17					200	500	18	EWC	E, G	1	20 A
20 A	1	E	SPARE	19	0	0					20	SPARE	E	1	20 A
				21			288	0			22	SPARE	E	1	20 A
15 A	**3**	**N**	**AHU-3-16**	23					288	0	24	SPARE	E	1	20 A
				25	288	0					26	SPARE	E	1	20 A
20 A	2	E	UNLABELED LOAD	27			900	750			28	**AHU-3-12, AHU-3-13, AHU-3-14, AHU-3-15**	**N**	**2**	**15 A**
				29					900	750	30				
				31	577	3000					32	WATER HEATER	E	1	30 A
15 A	**3**	**N**	**AHU-3-17, AHU-3-18**	33			577	3000			34	WATER HEATER	E	1	30 A
				35					577	3000	36	WATER HEATER	E	1	30 A
				37	841	3000					38	WATER HEATER	E	1	30 A
15 A	**3**	**N**	**AHU-3-19, AHU-3-20**	39			841	3000			40	WATER HEATER	E	1	30 A
				41					841	--	42	SPACE		1	--
					12106 VA		12961 VA		9816 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	2200 VA	2780 VA	85 VA	7400 VA	0 VA	0 VA	0 VA	22418 VA		
Demand Factor	125%	100%	**NEC**	**NEC**	100%	NEC	NEC	100%	**Total Conn. Load:**	34883 VA
Demand Load	2750 VA	2780 VA	106 VA	7400 VA	0 VA	0 VA	0 VA	22418 VA	**Total Est. Demand:**	35454 VA
									Total Conn. Current:	97 A
									Total Est. Demand Current:	98 A

Panel: 3C

New Construction

Voltage: 208Y/120 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 1
Min SCCR: 22K **Mounting:** SURFACE **Feeder Rating:** 100 A **Panel Rating:** 100 A **Type:** MLO

Remarks:

BRKR	Notes		Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes	BRKR	
				1	841	563					2				
15 A	3		AHU-3-1, AHU-3-2	3			841	563			4	AHU-3-6, AHU-3-7, AHU-3-8		2	15 A
				5					841	563	6				
				7	1105	563					8	AHU-3-9, AHU-3-10, AHU-3-11		2	15 A
15 A	3		AHU-3-3, AHU-3-4	9			1105	300			10	BMS PANEL		1	20 A
				11					1105	935	12	CONDENSATE PUMPS		1	20 A
				13	288	200					14	SMOKE DAMPERS	LO	1	20 A
15 A	3		AHU-3-5	15			288	0			16	SPARE		1	20 A
				17					288	0	18	SPARE		1	20 A
--	1		SPACE	19	--	--					20	SPACE		1	--
--	1		SPACE	21			--	--			22	SPACE		1	--
--	1		SPACE	23					--	--	24	SPACE		1	--
					3560 VA		3097 VA		3732 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	0 VA	3100 VA	85 VA	0 VA	0 VA	0 VA	0 VA	7204 VA		
Demand Factor	125%	100%	**NEC**	**NEC**	100%	NEC	NEC	100%	**Total Conn. Load:**	10389 VA
Demand Load	0 VA	3100 VA	106 VA	0 VA	0 VA	0 VA	0 VA	7204 VA	**Total Est. Demand:**	10410 VA
									Total Conn. Current:	29 A
									Total Est. Demand Current:	29 A

Panel: 4A

Existing

Voltage: 208Y/120 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 1
Min SCCR: 22K **Mounting:** SURFACE **Feeder Rating:** 400 A **Panel Rating:** 400 A **Type:** MLO

Remarks: SQ D NQ

BRKR	Notes		Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes	BRKR	
				1	2414	900					2	REC	E	1	20 A
30 A	**3**	**N**	**DOAS-1 CKT 1**	3			2414	156			4	**DOAS-1 CKT 2 UV LIGHTS**	**N**	**1**	**15 A**
				5					2414	500	6	LIGHTS ATTIC	E	1	20 A
				7	0	500					8	LIGHT WINCHES	E	1	20 A
60 A	**3**	**R**	**SPARE**	9			0	600			10	EXHAUST FAN 2 (F-2)	E	1	20 A
				11					0	500	12	CONTROLS	E	1	20 A
				13	0	800					14	SHADE MOTORS	E	1	20 A
60 A	**3**	**R**	**SPARE**	15			0	300			16	**BMS PANEL**	**R**	**1**	**20 A**
				17					0	170	18	**CONDENSATE PUMPS**	**R**	**1**	**20 A**
				19	0	1200					20	AIR COMPRESSOR	E	1	20 A
60 A	**3**	**R**	**SPARE**	21			0	229			22	**AHU-4-1A & AHU-4-1B**	**R**	**2**	**15 A**
				23					0	229	24				
20 A	**1**	**N**	**HEAT TRACE CONTROLLERS**	25	1580	--					26	UNUSABLE SPACE		1	--
20 A	**1**	**LO, N**	**SMOKE DAMPERS**	27			100	--			28	UNUSABLE SPACE		1	--
30 A	2	E	SPARE	29					0	--	30	UNUSABLE SPACE		1	--
				31	0	0					32				
30 A	2	E	SPARE	33			0	0			34	SPARE	E	3	60 A
				35					0	0	36				
				37	1000	1200					38	LIGHTS MECHANICALS	E	1	20 A
15 A	3	E	DRY PIPE AIR COMP	39			1000	1400			40	LIGHTS COURT RM	E	1	20 A
				41					1000	900	42	LIGHTS COURT RM	E	1	20 A
				43	0	--					44				
150 A	**3**	**R,SUB**	**SPARE**	45			0	--			46	SUBFEED SPACE		3	--
				47					0	--	48				
					9594 VA		6199 VA		5713 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	4500 VA	1384 VA	5000 VA	900 VA	0 VA	0 VA	0 VA	9721 VA		
Demand Factor	125%	100%	**NEC**	**NEC**	100%	NEC	NEC	100%	**Total Conn. Load:**	21505 VA
Demand Load	5625 VA	1384 VA	5750 VA	900 VA	0 VA	0 VA	0 VA	9721 VA	**Total Est. Demand:**	23380 VA
									Total Conn. Current:	60 A
									Total Est. Demand Current:	65 A

Panel: 4B

Existing

Voltage: 208Y/120 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 1
Min SCCR: 22K **Mounting:** SURFACE **Feeder Rating:** 200 A **Panel Rating:** 225 A **Type:** MLO

Remarks: SQ D NQ

BRKR	Notes		Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes	BRKR	
				1	553	1080					2	REC - RM 402	E	1	20 A
15 A	**3**	**N**	**AHU-4-2**	3			553	900			4	REC - RM 401	E	1	20 A
				5					553	300	6	**BMS PANEL**	**R**	**1**	**20 A**
				7	288	170					8	**CONDENSATE PUMPS**	**R**	**1**	**20 A**
15 A	**3**	**N**	**AHU-4-3**	9			288	0			10	**SPARE**	**R**	**2**	**15 A**
				11					288	0	12				
				13	0	600					14	STAIR/SKY LIGHTS	E	1	20 A
60 A	**3**	**R**	**SPARE**	15			0	200			16	**SMOKE DAMPERS**	**LO, R**	**1**	**20 A**
				17					0	0	18	SPARE	E	1	20 A
				19	0	0					20	SPARE	E	1	20 A
60 A	**3**	**R**	**SPARE**	21			0	0			22	SPARE	E	1	20 A
				23					0	0	24	SPARE	E	1	20 A
				25	0	0					26				
60 A	**3**	**E**	**SPARE**	27			0	0			28	SPARE	E	3	30 A
				29					0	0	30				
30 A	1	E	WATER HEATER	31	3000	0					32				
				33			0	0			34	SPARE	E	2	15 A
20 A	3	E	SPARE	35					0	0	36	SPARE	E	1	20 A
				37	0	600					38	LIGHTING	E	1	20 A
--	1		SPACE	39			--	0			40	SPARE	E	1	20 A
--	1		SPACE	41					--	0	42	SPARE	E	1	20 A
					6291 VA		1941 VA		1141 VA						

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	1200 VA	85 VA	85 VA	1980 VA	0 VA	0 VA	0 VA	6023 VA		
Demand Factor	125%	100%	**NEC**	**NEC**	100%	NEC	NEC	100%	**Total Conn. Load:**	9373 VA
Demand Load	1500 VA	85 VA	106 VA	1980 VA	0 VA	0 VA	0 VA	6023 VA	**Total Est. Demand:**	9694 VA
									Total Conn. Current:	26 A
									Total Est. Demand Current:	27 A

EXISTING PANEL GENERAL NOTES:

1. EXISTING CIRCUIT DATA SHOWN IS TAKEN FROM EXISTING FACILITY DOCUMENTATION AND/OR FIELD OBSERVATION. FIELD VERIFY ALL CIRCUITS.
2. VERIFY CIRCUITS ON EXISTING PANELS. ADJUST CIRCUITING AS REQUIRED TO MEET DESIGN INTENT OF DRAWINGS. TURN SPARE BREAKERS OFF.
3. PROVIDE NEW TYPEWRITTEN PANEL DIRECTORY TO REFLECT NEW CONDITIONS UPON COMPLETION OF WORK DESCRIBED IN THESE DRAWINGS.
4. REUSE EXISTING CIRCUIT BREAKERS WHERE POSSIBLE. PROVIDE NEW BREAKERS AS REQUIRED; TYPE, VOLTAGE RATING, AND AIC RATING TO MATCH EXISTING.
5. PANEL SCHEDULES REFLECT STATUS AFTER PROPOSED WORK IS COMPLETE, UNLESS NOTED OTHERWISE.
6. BOLD TEXT INDICATES EXISTING CIRCUITS MODIFIED AS PART OF THIS RENOVATION.

PANEL NOTES:

1	-	REPLACE EXISTING BREAKER WITH NEW. MATCH EXISTING TRIP RATING AND PROVIDE INTERRUPTING CAPACITY TO MATCH PANELBOARD MIN SCCR
E	-	EXISTING BREAKER AND CIRCUIT IN EXISTING PANEL TO REMAIN
G	-	GFI CIRCUIT BREAKER
LC	-	ROUTE CIRCUIT HOMERUN VIA CONTACTOR INDICATED
LF	-	PROVIDE PADLOCK ATTACHMENT FOR MAINTENANCE LOCK-OUT OF CIRCUIT BREAKER
LO	-	PROVIDE LOCK-ON DEVICE (HANDLE CLAMP) FOR CIRCUIT BREAKER
N	-	NEW BREAKER INSTALLED IN EXISTING PANEL
R	-	REUSE EXISTING BREAKER IN EXISTING PANEL FOR NEW LOAD OR DESCRIPTION INDICATED
ST	-	SHUNT-TRIP CIRCUIT BREAKER
SUB	-	SUB-FEED CIRCUIT BREAKER

(BAR GRAPHIC IS 4" AT FULL SCALE)

DEVITA & ASSOCIATES, INC.
SOUTH CAROLINA
No. C00415
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED
PROFESSIONAL
ENGINEER
NO. 22785
SHANNON L. EPPERLY
1-01-2026

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST, YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ELECTRICAL PANEL SCHEDULES - 2ND, 3RD, AND 4TH FLOOR

DRAWING NO.
E902

Drawn By: RHV Checked By: SLE

Panel: CH

New Construction

Voltage: 480Y/277 **Phases:** 3 **Wires:** 4 **Enclosure:** TYPE 3R

Min SCCR: 35K **Mounting:** SURFACE **Feeder Rating:** 600 A **Panel Rating:** 600 A **Type:** MCB

Remarks:

SERVICE ENTRANCE RATED

BRKR	Notes	Circuit Description	CKT	A (VA)		B (VA)		C (VA)		CKT	Circuit Description	Notes	BRKR
			1	61356	61356					2			
300 A	3	ACC-1	3			61356	61356			4	ACC-2	3	300 A
			5					61356	61356	6			
			7	2106	2106					8			
15 A	3	P-CHP-1	9			2106	2106			10	P-CHP-2	3	15 A
			11					2106	2106	12			
30 A	2	PANEL 'CL' (MINI UNIT SUBSTATION)	13	2485	0					14	SPARE	1	20 A
			15			2380	0			16	SPARE	1	20 A
20 A	1	SPARE	17					0	0	18	SPARE	1	20 A
20 A	1	SPARE	19	0	0					20	SPARE	1	20 A
20 A	1	SPARE	21			0	0			22	SPARE	1	20 A
20 A	1	SPARE	23					0	0	24	SPARE	1	20 A
20 A	1	SPARE	25	0	0					26	SPARE	1	20 A
20 A	1	SPARE	27			0	0			28	SPARE	1	20 A
20 A	1	SPARE	29					0	0	30	SPARE	1	20 A
20 A	1	SPARE	31	0	0					32	SPARE	1	20 A
20 A	1	SPARE	33			0	0			34	SPARE	1	20 A
20 A	1	SPARE	35					0	0	36	SPARE	1	20 A
			37	0	0					38	SPARE	1	20 A
400 A	3	TEMP CHILLER DISCONNECT	39			0	0			40	SPARE	1	20 A
			41					0	0	42	SPARE	1	20 A
				129410 VA		129305 VA		126925 VA					

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	45 VA	10119 VA	6319 VA	720 VA	0 VA	0 VA	0 VA	368437 VA		
Demand Factor	125%	100%	**NEC**	**NEC**	100%	NEC	NEC	100%	**Total Conn. Load:**	385640 VA
Demand Load	56 VA	10119 VA	7899 VA	720 VA	0 VA	0 VA	0 VA	368437 VA	**Total Est. Demand:**	387231 VA
									Total Conn. Current:	464 A
									Total Est. Demand Current:	466 A

Panel: CL

New Construction

Voltage (Pri): 480 **Voltage (Sec):** 120/240 **Phases:** 1 **Wires:** 3 **Enclosure:** TYPE 3R

Min SCCR: 10K **Mounting:** SURFACE **Mains (Pri) Rating:** 30 A **Mains (Sec) Rating:** 60 A **Type:** MCB

Remarks:

FED FROM PANEL 'CH'. MINI UNIT SUBSTATION WITH INTEGRAL 10KVA XFMR.

BRKR	Notes	Circuit Description	CKT	A (VA)		B (VA)		CKT	Circuit Description	Notes	BRKR
60 A	2	MAIN BREAKER		0	--				SPACE OCCUPIED BY MAIN BREAKER	2	--
						0	--				
20 A	1	ACC-1 EVAPORATOR HEATER	1	1900	180			2	ACC-2 CONVENIENCE REC	1	20 A
20 A	1	ACC-1 CONVENIENCE REC	3			180	1900	4	ACC-2 EVAPORATOR HEATER	1	20 A
20 A	1	FENCE REC	5	360	45			6	FENCE LIGHTING	1	20 A
20 A	1	HEAT TRACE CONTROLLER	7			300	0	8	SPARE	1	20 A
20 A	1	SPARE	9	0	0			10	SPARE	1	20 A
20 A	1	SPARE	11			0	0	12	SPARE	1	20 A
20 A	1	SPARE		0	0			14	SPARE	1	20 A
20 A	1	SPARE				0	0	16	SPARE	1	20 A
				2485 VA		2380 VA					

	Lighting	HVAC	Motors	Receptacle	Refrig	Kitchen	EV...	Misc	PANEL TOTALS:	
Connected Load	45 VA	3800 VA	Not...	720 VA	Not...	Not...	Not...	300 VA		
Demand Factor	125.00%	100.00%	**NEC**	**NEC**	100.00%	100.00%	100.00%	100.00%	**Total Conn. Load:**	4865 VA
Demand Load	56 VA	3800 VA	Not...	720 VA	Not...	Not...	Not...	300 VA	**Total Est. Demand:**	4876 VA
									Total Conn. Current:	20 A
									Total Est. Demand Current:	20 A

PANEL NOTES:

1	-	REPLACE EXISTING BREAKER WITH NEW. MATCH EXISTING TRIP RATING AND PROVIDE INTERRUPTING CAPACITY TO MATCH PANELBOARD MIN SCCR
E	-	EXISTING BREAKER AND CIRCUIT IN EXISTING PANEL TO REMAIN
G	-	GFI CIRCUIT BREAKER
LC	-	ROUTE CIRCUIT HOMERUN VIA CONTACTOR INDICATED
LF	-	PROVIDE PADLOCK ATTACHMENT FOR MAINTENANCE LOCK-OUT OF CIRCUIT BREAKER
LO	-	PROVIDE LOCK-ON DEVICE (HANDLE CLAMP) FOR CIRCUIT BREAKER
N	-	NEW BREAKER INSTALLED IN EXISTING PANEL
R	-	REUSE EXISTING BREAKER IN EXISTING PANEL FOR NEW LOAD OR DESCRIPTION INDICATED
ST	-	SHUNT-TRIP CIRCUIT BREAKER
SUB	-	SUB-FEED CIRCUIT BREAKER

SEALS

DEVITA
Engineering Great Ideas
ATLANTA | CHARLOTTE | GREENVILLE | RICHMOND
33 Villa Road, Suite 300
Greenville, SC 29615
www.devitainc.com
877.4.DEVITA
corp@devitainc.com

CONSULTANT

PROJECT INFORMATION:

YORK COUNTY HISTORICAL COURTHOUSE HVAC REPLACEMENT

2 S. CONGRESS ST,
YORK, SC 29745

DEVITA Project No. 24501-01
Issue Date: 1 JUL 2026

REVISIONS

NO.	DATE	DESCRIPTION
A	1 JUL 2026	ISSUE FOR PERMIT & BID

DRAWING NAME
ELECTRICAL PANEL SCHEDULES - CHILLER YARD

DRAWING NO.
E903

Drawn By: Author Checked By: Checker

4" 3" 2" 1" 0" (BAR GRAPHIC IS 4" AT FULL SCALE)