

BALWIN COUNTY COURTHOUSE PLUMBING SYSTEM UPGRADE

FOR

BALDWIN COUNTY COMMISSION

BAYMINETTE, ALABAMA

COMMISSIONER MR. JAMES E. BALL - DISTRICT 1
 COMMISSIONER MR. JOE DAVIS, III - DISTRICT 2
 COMMISSIONER MRS. BILLIE JO UNDERWOOD - DISTRICT 3
 COMMISSIONER MR. CHARLES F. GRUBER - DISTRICT 4

BY

H.M. YONGE & ASSOCIATES, INC.

CONSULTING ENGINEERS
 253 ST. ANTHONY STREET
 MOBILE, ALABAMA 36603
 (251) 690-7446

JUNE 2022

DRAWING INDEX

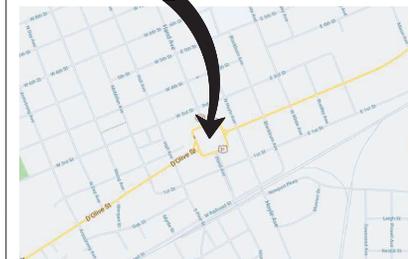
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VICINITY MAP

LOCATION
OF
WORK



H.M. YONGE & ASSOCIATES, INC.
 CONSULTING ENGINEERS // EST. 1968
 253 ST. ANTHONY STREET
 MOBILE, ALABAMA 36603
 PHONE: (251)690-7446



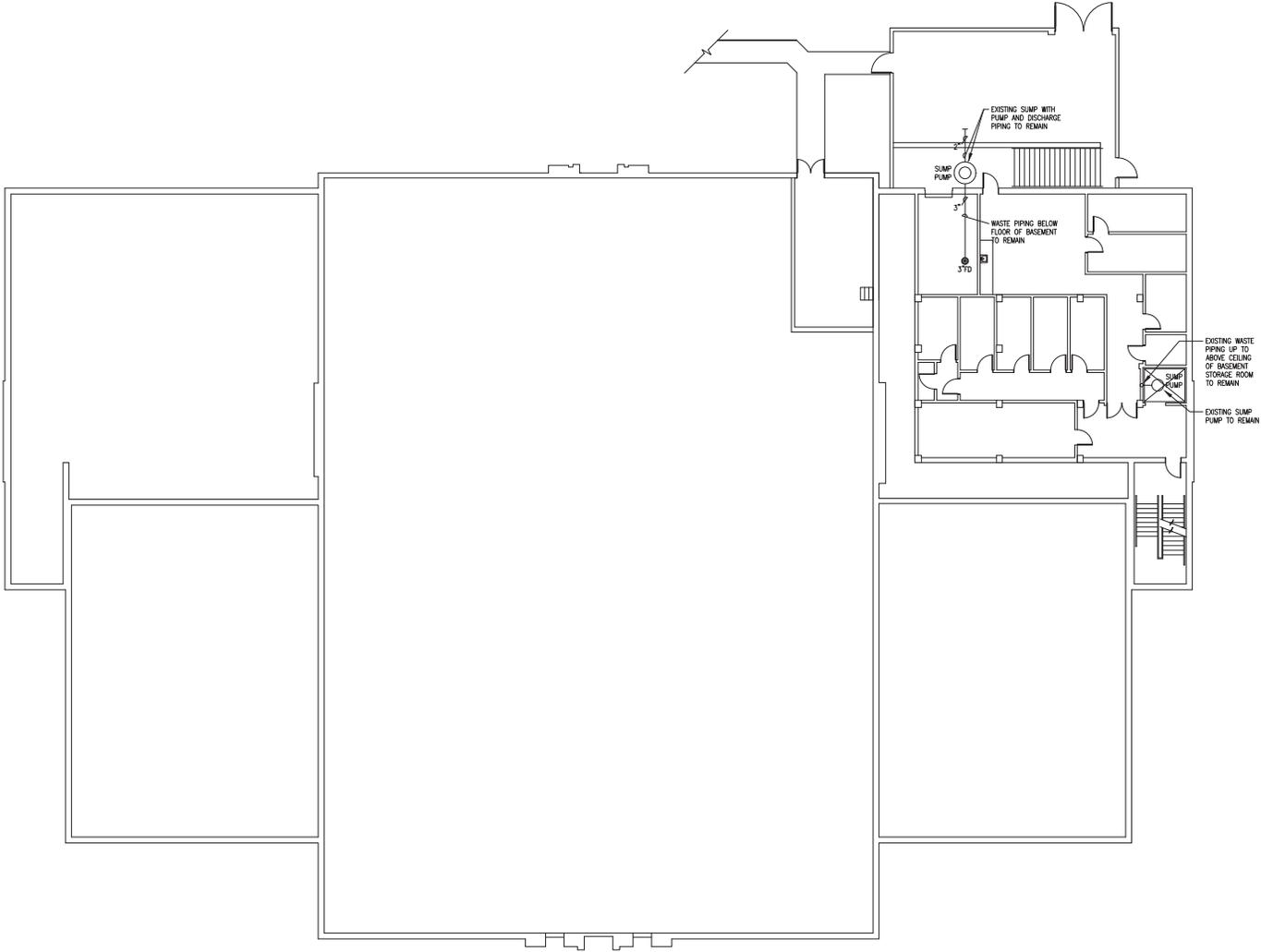
SEAL:

REVISIONS:		TITLE:	
NO.	DATE:		

PROJECT:
**BALDWIN COUNTY COURTHOUSE
 PLUMBING SYSTEMS UPGRADE**
 BAY MINETTE, ALABAMA

DRAWING:
TITLE SHEET
 SHEET NO:
T-1.1

DATE: 06.22.2022
 JOB NO: 20-019



BALDWIN COUNTY COURTHOUSE SCOPE OF WORK

THE SCOPE OF WORK FOR THIS PROJECT IS FOR THE REPLACEMENT OF ALL ACTIVE DOMESTIC WATER PIPING LOCATED BELOW THE FLOOR OF THE FIRST FLOOR (IN THE CRAWL SPACE AND ABOVE CEILING OF BASEMENT STORAGE ROOM) IN PARTICULAR, PIPING REPLACEMENT SHALL BEGIN AT THE DISCHARGE OF THE WATER METER WITH NEW UNDERGROUND PIPING INTO THE BUILDING MECHANICAL ROOM. NEW WATER DISTRIBUTION PIPING SHALL BE LOCATED BELOW THE FIRST FLOOR AND UP FOR CONNECTION TO THE DESIGNATED EXISTING PLUMBING FIXTURES AND EXISTING WATER RISERS. THIS WORK INCLUDES WATER PIPING ABOVE THE CEILING OF THE BASEMENT STORAGE ROOM. FURTHERMORE, BRANCH PIPING CONNECTIONS TURNING UP THROUGH THE FLOOR INTO WET WALLS SHALL REQUIRE DEMOLITION OF EXISTING WALLS FOR CONNECTION TO BE MADE. REPAIR OF THE DEMOLISHED WALLS TO MATCH EXISTING CONDITIONS AND FINISHES IS ALSO REQUIRED.

PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING IN FIELD PRIOR TO BEGINNING ANY WORK THE LOCATION, SIZE AND MATERIAL OF CONSTRUCTION OF THE DOMESTIC WATER DISTRIBUTION SYSTEM. A COMPLETE AND ACCURATE SET OF AS BUILT CONSTRUCTION DRAWINGS ARE REQUIRED.

CORE DRILLING OF THE EXISTING MASONRY WALLS IS REQUIRED. REMOVAL OF EXISTING WATER PIPING IS REQUIRED TO THE GREATEST EXTENT POSSIBLE. PIPING BELOW GRADE IS TO BE REMOVED TO ACCOMMODATE INSTALLATION OF NEW PIPING. REMOVAL AND REPLACEMENT OF CONCRETE SIDEWALKS SHALL BE REQUIRED.

GENERAL COMMENT

PRIOR TO BEGINNING ANY DEMOLITION WORK FOR THE DOMESTIC WATER PIPING SYSTEM AS MUCH NEW WORK SHALL BE ACCOMPLISHED AS POSSIBLE. DOWNTIME OF THE DOMESTIC WATER SYSTEM SHALL BE MINIMIZED. PLUMBING CONTRACTOR SHALL VERIFY WATER LINE SIZES AND MATERIALS OF CONSTRUCTION PRIOR TO BEGINNING ANY WORK. COORDINATION WITH OWNER 10 DAYS IN ADVANCE OF A SHUTDOWN IS REQUIRED. SHUTDOWN SHALL OCCUR OVER A WEEKEND OR HOLIDAY.

DESCRIPTION OF WORK:

THIS PROJECT IS FOR THE IMPROVEMENT OF THE SANITARY WASTE PIPING SYSTEM SERVING THIS COURTHOUSE. OVER THE YEARS, BUILDING ADDITIONS AND RENOVATIONS HAVE MODIFIED THIS WASTE PIPING SYSTEM. CAST IRON AND POLYVINYLCHLORIDE (PVC) ARE THE PRIMARY MATERIALS OF CONSTRUCTION. CLAY PIPING DOES EXIST IN SEVERAL BRANCH SYSTEMS. PORTIONS OF THE WASTE PIPING ARE COMPROMISED BY AGE, SEPARATED JOINTS, BELLETS, BROKEN PIPING, INAPPROPRIATE INSULATION, ETC. EXPECTATIONS OF THIS PROJECT SHALL BE TO CORRECT THESE DEFICIENCIES BY THE REMOVAL AND INSTALLATION OF NEW BUILDING SANITARY WASTE PIPING COLLECTION SYSTEMS.

TWO NEW BUILDING WASTE COLLECTION SYSTEMS ARE TO BE INSTALLED, ONE TO SERVE THE WESTERN PORTION OF THE BUILDING AND ONE TO SERVE THE EASTERN PORTION OF THE BUILDING. BOTH SYSTEMS ARE TO FALL BY SLOPE FROM SOUTH TO NORTH. NEW SANITARY BRANCH LINES SHALL BE EXTENDED FROM EXISTING WASTE PIPING AND RISERS PENETRATING THE FIRST FLOOR TO THE DESIGNATED WASTE COLLECTION SYSTEM. THE EXISTING BUILDING SANITARY WASTE COLLECTION PIPING SHALL BE ABANDONED IN PLACE.

SIGNIFICANT FIELD VERIFICATION IS REQUIRED PRIOR TO BEGINNING ANY WORK. THIS VERIFICATION SHALL VALIDATE EXISTING STRUCTURES IN THE CRAWL SPACE (2% +/-) BENEATH THE BUILDING. EXISTING STRUCTURES INCLUDE THE ORIGINAL BASEMENT WITH WALLS, ROOMS, STAIRS, WASTE PIPING AND WATER PIPING. WASTE PIPING ELEVATIONS SHALL ALSO BE VALIDATED FOR INSULATION OF THE NEW WASTE PIPING SYSTEMS. ELEVATIONS ARE TO BE WITH RESPECT OF THE WASTE SYSTEMS FALL AND THE AVAILABLE SPACE BENEATH THE FIRST FLOOR. EXCAVATION OF EARTH AND KERBS IS EXPECTED BENEATH THE NORTHERN PORTION OF THE BUILDING FOR INSTALLATION OF THE NEW WESTERN SANITARY WASTE COLLECTION PIPING. THE NEW EASTERN WASTE SANITARY COLLECTION SYSTEM SHALL ONLY REQUIRE EXCAVATION EXTERIOR OF THE BUILDING. IN ASSOCIATION WITH THE EXCAVATION SHALL BE THE REQUIREMENT TO INCREASE THE AREA OF OPENINGS AT PIPE PENETRATIONS IN THE EXISTING MASONRY WALLS (1/2" +/- THICK). THESE OPENING MODIFICATIONS SHALL BE FOR ACCOMMODATING THE NEW FALL OF THE NEW BUILDING WASTE COLLECTION SYSTEMS. THREE OPENING MODIFICATIONS ARE EXPECTED FOR EACH OF THE TWO NEW WASTE COLLECTION SYSTEMS. COMPLETELY NEW PENETRATIONS OF THE NORTH EXTERIOR WALL SHALL BE REQUIRED TO ACCOMMODATE THE NEW ROUTING OF THE NEW WASTE PIPING FOR CONNECTION TO THE EXISTING MANHOLE.

CONSTRUCTION PHASING

PHASE I OF THIS PROJECT SHALL BE FOR THE NEW EASTERN BUILDING WASTE COLLECTION SYSTEM TO BE INSTALLED. EXISTING WASTE PIPING SHALL REMAIN IN SERVICE TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION OF THE NEW WASTE COLLECTION SYSTEM. DOWN TIME OF THE WASTE COLLECTION SYSTEM AS A WHOLE SHALL BE MINIMIZED. THE COURTHOUSE SHALL REMAIN FUNCTIONAL DURING CONSTRUCTION. WORK GENERATING CONSIDERABLE NOISE SHALL BE LIMITED TO EVENINGS AND WEEKENDS. CONSTRUCTION LIGHTING SHALL BE REQUIRED.

PHASE II SHALL OCCUR UPON THE SUCCESSFUL COMPLETION OF PHASE I. THE SAME CONSTRUCTION FORMAT OF PHASE I SHALL BE UTILIZED FOR PHASE II. PHASE II IS FOR THE NEW WESTERN BUILDING WASTE COLLECTION SYSTEM.

REFERENCE PLUMBING PLANS FOR ADDITIONAL INFORMATION AND PROJECT REQUIREMENTS.

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988

353 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)950-7446

51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2851

SEAL:

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REVISIONS:

NO.	DATE:	TITLE:

**BALDWIN COUNTY COURTHOUSE
PLUMBING SYSTEMS UPGRADE**
BAY MINETTE, ALABAMA

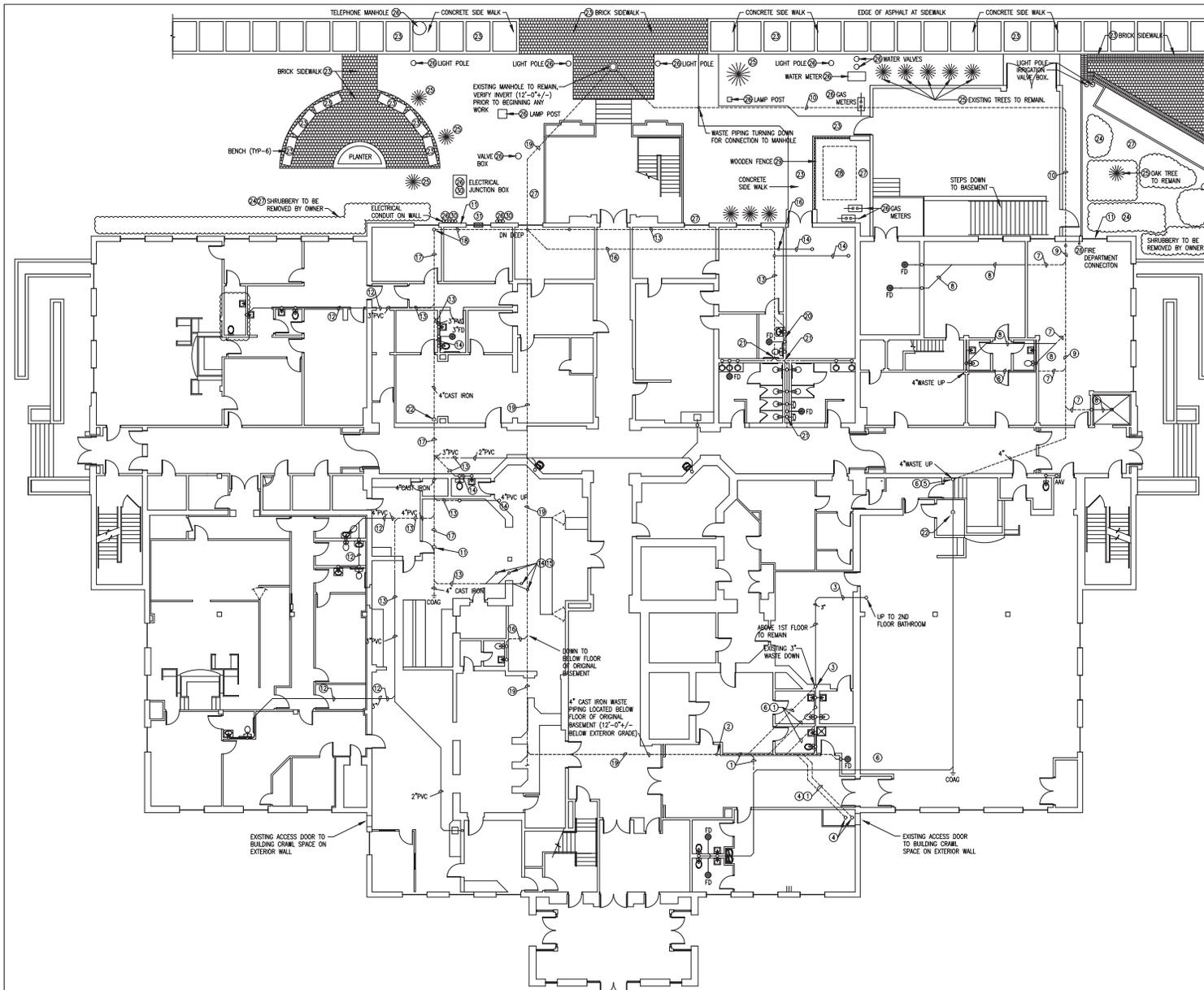
DRAWING: **SANITARY WASTE PIPING DEMOLITION PLAN - BASEMENT**

DATE: 06.22.2022

JOB NO.: 20-019

SHEET NO. **PD-1.1**

SANITARY WASTE PIPING DEMOLITION PLAN - BASEMENT
SCALE: 3/32" = 1'-0"
(NOTE: REFERENCE SANITARY WASTE PIPING DEMOLITION PLAN - FIRST FLOOR FOR ADDITIONAL INFORMATION THIS AREA)



SANITARY WASTE PIPING DEMOLITION PLAN - FIRST FLOOR

SCALE: 3/32" = 1'-0"

(NOTE: WASTE PIPING SHOWN THIS SHEET BELOW FIRST FLOOR IN CRAWL SPACE. REFERENCE SANITARY WASTE PIPING DEMOLITION PLAN - BASEMENT FOR ADDITIONAL INFORMATION)

SANITARY WASTE DEMOLITION KEYNOTES

- GENERAL COMMENT:
 PRIOR TO BEGINNING ANY DEMOLITION WORK AS MUCH NEW WORK SHALL BE ACCOMPLISHED AS POSSIBLE. DOWNGRADE OF THE EXISTING BUILDING WASTE COLLECTION SYSTEM SHALL BE MINIMIZED. PLUMBING CONTRACTOR SHALL VERIFY PIPE SIZES AND MATERIALS OF CONSTRUCTION PRIOR TO BEGINNING ANY WORK. REFERENCE DESCRIPTION OF WORK UNDER NEW WORK KEY NOTES.
- EXISTING WASTE PIPING IN HORIZONTAL AND VERTICAL POSITIONS BENEATH THE FIRST FLOOR IN CRAWL SPACE SHALL BE REMOVED TO AS HIGH AS POSSIBLE. COORDINATE LIMITS OF DEMOLITION WITH NEW WORK PLAN. PREPARE OPEN ENDS OF PIPING FOR CONNECTION TO NEW PIPING PER NEW WORK PLAN. THE ARRANGEMENT OF THIS WORK IS FOR INFORMATION ONLY AND REQUIRES VERIFICATION OF THE EXTENT AND INTENT OF THE WORK IS REPRESENTED.
 - EXISTING BRANCH WASTE PIPING TURNING DOWN TO BELOW GRADE TO BE ABANDONED IN PLACE. CAP AND SEAL PIPING AIR TIGHT AND ROODENT PROOF ABOVE GRADE.
 - EXISTING WASTE PIPING ABOVE FIRST FLOOR CEILING TO REMAIN WITH VERTICAL RISER TURNING DOWN INTO CRAWL SPACE. VERIFY PIPING LOCATION PRIOR TO BEGINNING WORK.
 - EXISTING 4 INCH WASTE RISERS (2) UP IN CHASE SHALL REMAIN. REMOVE HORIZONTAL WASTE PIPING TO ACCOMMODATE CONNECTION TO NEW EASTERN BUILDING WASTE COLLECTION SYSTEM. COORDINATE LIMITS OF DEMOLITION WITH NEW WORK PLAN AND EXISTING FIELD CONDITIONS. ONE WASTE RISER IS FROM ORIGINAL CONSTRUCTION AND THE OTHER IS FROM RENOVATION CONSTRUCTION.
 - EXISTING 4 INCH WASTE RISER DOWN FROM SECOND FLOOR TO REMAIN. MODIFY HORIZONTAL PIPING FOR CONNECTION TO NEW WASTE PIPING COLLECTION SYSTEM.
 - PLUMBING CONTRACTOR SHALL COORDINATE LIMITS OF CONSTRUCTION WITH NEW WORK PLAN IN CONJUNCTION WITH AVAILABLE SPACE BELOW FIRST FLOOR AND DEPTH OF EXISTING RISER TO REMAIN. REFERENCE NEW WORK PLAN.
 - EXISTING BRANCH WASTE PIPING (TO BE FIELD VERIFIED AS A RICH CAST IRON) TO BE REMOVED. COORDINATE LIMITS OF DEMOLITION WITH NEW WORK PLAN. PREPARE OPEN ENDS OF PIPING FOR EXTENSION AND CONNECTION TO NEW BUILDING WASTE COLLECTION SYSTEM.
 - EXISTING WASTE PIPING TO REMAIN UNLESS OTHERWISE NOTED. PIPING IS LOCATED ABOVE CEILING OF BASEMENT FLOOR.
 - EXISTING BUILDING WASTE COLLECTION SYSTEM TO BE REMOVED TO ACCOMMODATE INSTALLATION (SLOPE/FALL) OF NEW EXISTING BUILDING WASTE COLLECTION SYSTEM. COORDINATE LIMITS OF DEMOLITION WITH NEW WORK PLAN. PIPING TO BE REMOVED IS LOCATED ABOVE CEILING ELEVATION OF BASEMENT FLOOR. CAP AND SEAL WASTE PIPING REMAINING ON INTERIOR OF BUILDING AIR TIGHT AND ROODENT PROOF.
 - EXISTING WASTE PIPING EXTERIOR OF BUILDING TO BE ABANDONED IN PLACE.
 - PLUMBING CONTRACTOR TO COORDINATE PENETRATING EXISTING WALL FOR INSTALLATION OF NEW BUILDING WASTE COLLECTION SYSTEM. WALL PENETRATION SHALL BE FOR A COMPLETELY NEW OPENING (8 INCHES IN DIAMETER), A UNIFIL (8 x 6 x .25 GALVANIZED STEEL ANGLE) SHALL BE INSTALLED ON BOTH SIDES OF THE WALL. EXTEND UNIFIL FOR 24 INCHES BEYOND CENTER LINE OF WALL OPENING.
 - EXISTING WASTE PIPING TO REMAIN. PIPING IS LOCATED BENEATH FLOOR OF WEST WING ADDITION. PIPING PENETRATES EXISTING ORIGINAL EXTERIOR WALL INTO CRAWL SPACE BEHIND FIRST FLOOR.
 - EXISTING BRANCH WASTE PIPING IN CRAWL SPACE TO BE DISCONNECTED FROM EXISTING WASTE COLLECTION PIPING. PREPARE REMAINING BRANCH PIPE OPENING FOR EXTENSION AND CONNECTION TO NEW WASTE COLLECTION SYSTEM PER NEW WORK PLAN. SEAL PIPING TURNING DOWN TO BELOW GRADE.
 - EXISTING SYSTEM WASTE PIPING TO REMAIN. COORDINATE LIMITS OF DEMOLITION WITH NEW WORK PLAN.
 - PLUMBING CONTRACTOR TO VERIFY WHETHER WASTE PIPING IS ACTIVE. ANY INACTIVE PIPING SHALL BE REMOVED TO GREATEST EXTENT POSSIBLE WITHOUT DEMOLITION AND CAPPED AIR TIGHT TO BE ROODENT PROOF.
 - EXISTING WASTE PIPING EXTENDS DOWN TO BELOW GRADE BENEATH CRAWL SPACE FOR CONNECTION TO EXISTING MAIN WASTE COLLECTION SYSTEM. REMOVE VERTICAL AND HORIZONTAL PIPING AS HIGH AS POSSIBLE IN COORDINATION WITH NEW WORK PLAN. PREPARE EXISTING PIPING OPENING FOR EXTENSION AND CONNECTION TO NEW WESTERN BUILDING WASTE COLLECTION SYSTEM. CAP AND SEAL WASTE PIPING GOING DOWN TO BELOW GRADE ROODENT PROOF.
 - EXISTING WASTE COLLECTION PIPING TO BE REMOVED. COORDINATE REMOVAL WITH NEW WORK PLAN TO MINIMIZE DOWNTIME OF SANITARY WASTE SYSTEM.
 - EXISTING WASTE COLLECTION PIPING BELOW GRADE OF CRAWL SPACE TO BE ABANDONED IN PLACE. CAP AND SEAL PIPING TO BE ROODENT PROOF.
 - EXISTING MAIN BUILDING WASTE COLLECTION PIPING TO REMAIN AND ABANDONED IN PLACE. PIPING SHALL BE FLUSHED CLEAN TO GREATEST EXTENT POSSIBLE AND SEALED AT MANHOLE TO BE ROODENT PROOF. COORDINATE CONSTRUCTION OF NEW COLLECTION SYSTEM WITH NEW WORK PLAN.
 - PLUMBING CONTRACTOR TO INSTALL NEW WASTE PIPING FOR THIS BATHROOM TO ENSURE PROPER USE OF FITTINGS AND PIPING CONNECTIONS.
 - WASTE PIPING SERVING BOTH BATHROOM GROUPS TO BE PARTIALLY REMOVED TO ACCOMMODATE A NEW WORK WASTE FLOW DIRECTION (REVERSE). PREPARE PIPING IN COORDINATION WITH NEW WORK PLAN.
 - EXISTING WALL OPENING SHALL BE INCREASED IN SIZE TO ACCOMMODATE NEW WASTE PIPING COLLECTION SYSTEM. WALL OPENING SHALL BE INCREASED IN DIRECTION OF NEW WASTE COLLECTION SYSTEM. INSTALL NEW UNIFIL AS DESCRIBED PER KEY NOTE #11.
 - PLUMBING CONTRACTOR TO BE RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF THE EXISTING CONCRETE SIDEWALK AND BRICK SIDEWALK TO ACCOMMODATE INSTALLATION OF THE NEW WASTE AND DOMESTIC WATER PIPING. PATTERNS OF DESIGN IN THE CONCRETE SIDEWALKS AND IN THE BRICK SIDEWALKS SHALL BE MAINTAINED WITH THE INSTALLATION OF THE NEW SIDEWALKS. INCLUDE WITH REMOVAL AND REPLACEMENT OF SIDEWALKS SEATING BENCHES. REFERENCE NEW WORK PLAN FOR ADDITIONAL INFORMATION.
 - PLUMBING CONTRACTOR TO BE RESPONSIBLE FOR COORDINATING WITH OWNER TO HAVE SHRUBBERY REMOVED PRIOR TO BEGINNING ANY WORK EXTERIOR OF THE COURTHOUSE BUILDING. THE OWNER SHALL BE RESPONSIBLE FOR REMOVING THE SHRUBBERY AND REPLACING THE SHRUBBERY ONCE THE PROJECT IS COMPLETE.
 - PLUMBING CONTRACTOR SHALL TAKE PRECAUTIONS FOR PROTECTING EXISTING TREES. PRIOR TO BEGINNING ANY WORK, A ROUTING FOR THE WASTE PIPING SHALL BE FINISHED WITH THE OWNER TO ESTABLISH THE NEED FOR PROTECTING THE EXISTING TREES FROM DAMAGE.
 - PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES. THESE UNDERGROUND UTILITIES INCLUDE WATER PIPING, IRRIGATION SPRINKLER PIPING, GAS PIPING, ELECTRICAL POWER WASTE PIPING, AND ETC. UTILITY SYSTEM COMPONENTS HAVE BEEN IDENTIFIED THAT ARE ABOVE GROUND AS A REFERENCE POINT LOCATING THE UTILITY SYSTEMS. DUE TO THE MULTITUDE OF UNDERGROUND UTILITY SYSTEMS HAND DIGGING FOR THE FIRST 36 INCHES BELOW GRADE SHALL BE REQUIRED. FINDING THE SUCCESS OF THE HAND DIG TRENCHES OTHER OPTIONS MAY BE EMPLOYED FOR DEEPER DEPTH OF TRENCHING.
 - IRRIGATION SPRINKLER PIPING AND SPRINKLER PIPING ARE LOCATED IN THIS AREA.
 - CONCRETE HOUSEKEEPING PAD TO BE REMOVED TO ACCOMMODATE INSTALLATION OF NEW UTILITY PIPING.
 - EXISTING WOODEN FENCE TO BE REMOVED AND REPLACED TO ACCOMMODATE INSTALLATION OF NEW UTILITY PIPING.
 - EXISTING UNDERGROUND ELECTRICAL BOX AND CONDUIT EXPOSED ON EXTERIOR WALL TO REMAIN. DO NOT DISTURB. ALL TRENCHING IN THIS AREA SHALL BE BY HAND.
 - EXISTING CONCRETE WALL TO BE "SAW CUT" TO CREATE AN OPENING OF 18"x24". WALL OPENING SHALL DUPLICATE EXISTING OPENING LOCATED IN SOUTHWEST CORNER OF THE BUILDING. BOTTOM OF OPENING TO BE 4 TO 6 INCHES ABOVE GRADE. FINAL POSITION OF OPENING SHALL BE DETERMINED BY THE WINDOW AND ADJUSTED TO ACCOMMODATE FIELD CONDITIONS. COORDINATE LOCATION WITH ENGINEER PRIOR TO BEGINNING ANY DEMOLITION WORK. REFERENCE NEW WORK PLAN FOR ADDITIONAL INFORMATION.

H.M. YONGE & ASSOCIATES, INC.
 CONSULTING ENGINEERS // EST. 1968
 51 EAST GREGORY STREET
 PRINCETON, ALABAMA 36063
 PHONE: (251)950-7446

BALDWIN COUNTY COURTHOUSE
PLUMBING SYSTEMS UPGRADE
 BAY MINETTE, ALABAMA

PROJECT: **SANITARY WASTE PIPING DEMOLITION PLAN - FIRST FLOOR**

DATE: 06.22.2022

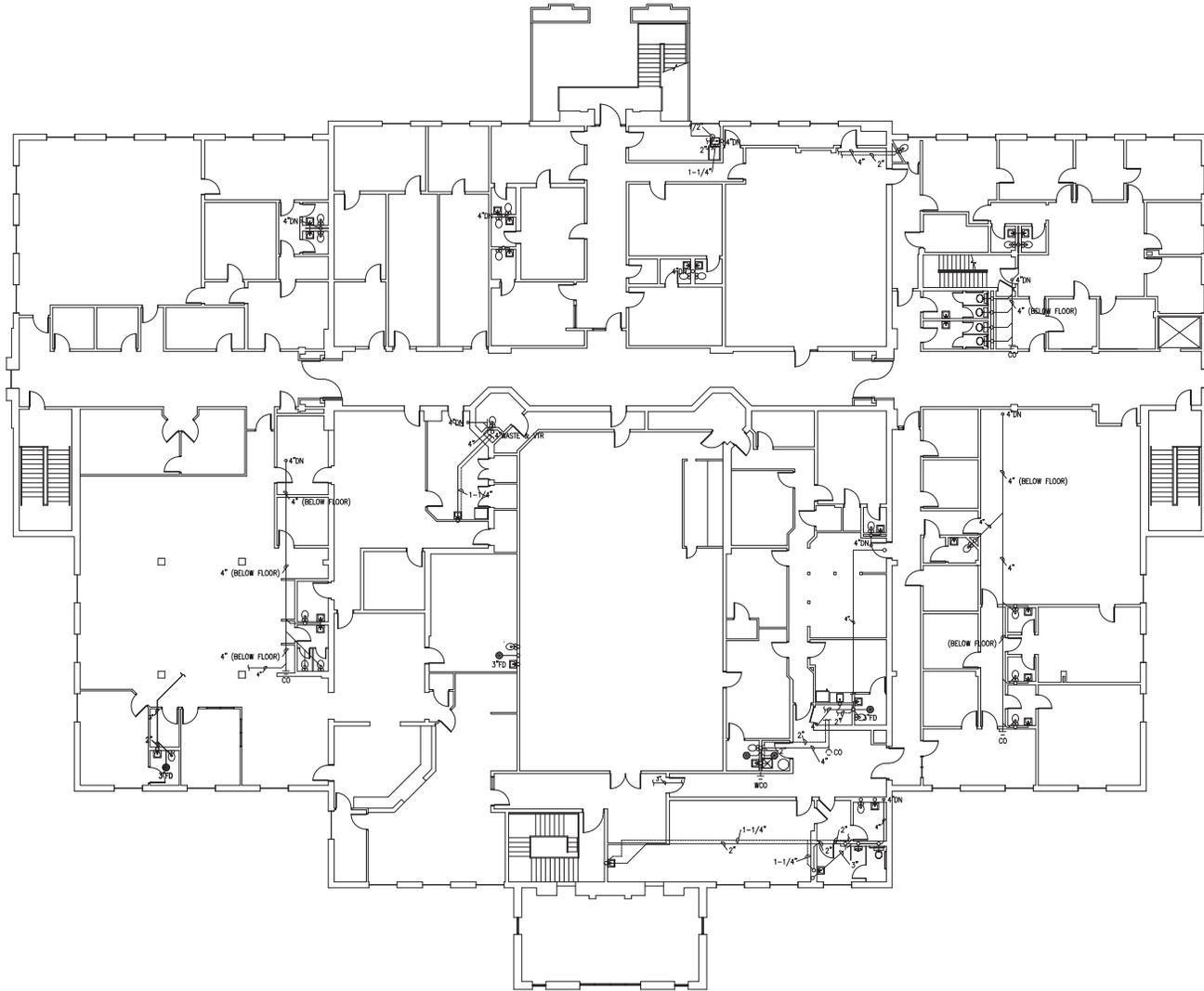
SHEET NO: **PD-1.2**

JOB NO: 20-019

REVISIONS:

NO.	DATE:	DESCRIPTION:

SEAL: _____ TITLE: _____



SANITARY WASTE PIPING DEMOLITION PLAN - SECOND FLOOR

SCALE: 3/32" = 1'-0"

(NOTE: WASTE PIPING SHOWN THIS SHEET IS BELOW FLOOR OF SECOND FLOOR. THIS PIPING IS SHOWN FOR INFORMATION ONLY - THERE IS NOT ANY WORK REQUIRED OF THIS SHEET)

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1968
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
PHONE: (850)434-2861

SEAL:

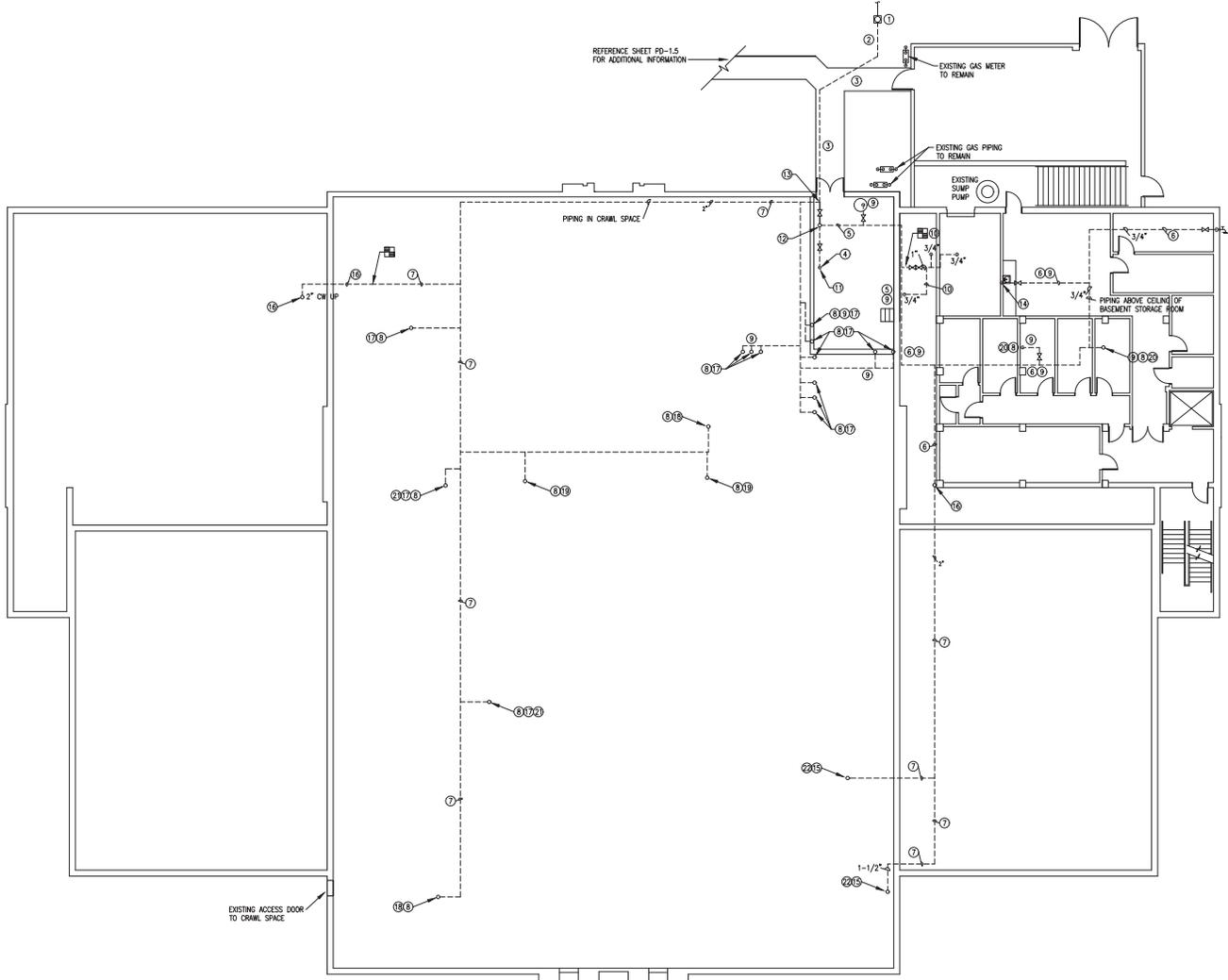
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REVISIONS:

PROJECT:
BALDWIN COUNTY COURTHOUSE
PLUMBING SYSTEMS UPGRADE
BAY MINETTE, ALABAMA

DRAWING:
SANITARY WASTE
PIPING DEMOLITION
PLAN - SECOND FLOOR
SHEET NO:
PD-1.3

DATE: 06.22.2022
JOB NO: 20-019



DOMESTIC WATER DEMOLITION KEYNOTES:

- ① EXISTING WATER METER TO REMAIN. PIPING AT METER DISCHARGE SHALL BE REMOVED AND REPLACED NEW.
- ② EXISTING 3" WATER PIPING BELOW GRADE TO BE REMOVED ONLY TO ACCOMMODATE INSTALLATION OF NEW 3" WATER PIPING.
- ③ EXISTING CONCRETE SIDEWALK TO BE REMOVED ONLY TO ACCOMMODATE INSTALLATION OF NEW 3" WATER PIPING.
- ④ EXISTING WATER PIPING BELOW CONCRETE FLOOR OF MECHANICAL ROOM TO BE ABANDONED IN PLACE. SEAL OPEN ENDS OF PIPING AIR TIGHT AND RODENT PROOF.
- ⑤ EXISTING WATER PIPING ABOVE CONCRETE SLAB IN THE MECHANICAL ROOM AND ADJACENT BOILER ROOM TO BE REMOVED.
- ⑥ EXISTING DOMESTIC WATER PIPING ABOVE CEILING OF BASEMENT STORAGE ROOM TO BE REPLACED.
- ⑦ EXISTING PIPING IN BUILDING CRAWL SPACE TO BE REPLACED.
- ⑧ EXISTING BRANCH WATER PIPING TURNING UP IN WALL FOR SERVICE TO FIXTURE SHALL BE REPLACED. DEMOLITION OF WALL SHALL BE AS NEEDED TO ACCOMMODATE INSTALLATION OF NEW PIPING. REMOVE EXISTING PIPING IN WALL TO GREATEST EXTENT POSSIBLE WITH ALL REMAINING OPEN ENDS BEING SEALED AIR TIGHT.
- ⑨ EXISTING 30 GALLON WATER HEATER TO REMAIN. EXISTING COLD WATER PIPING AND HOT WATER PIPING TO BE REPLACED. HOT WATER PIPING PARALLELS COLD WATER PIPING TO BATHROOMS ON FIRST FLOOR FROM MECHANICAL ROOM TO ABOVE BASEMENT STORAGE ROOM CEILING AND TO INSIDE OF CRAWL SPACE.
- ⑩ EXISTING WATER PIPING CONNECTING TO EXISTING MECHANICAL EQUIPMENT TO REMAIN. DO NOT DISTURB UNLESS OTHERWISE NOTED. POINT OF CONNECTION BETWEEN NEW AND EXISTING PIPING SHALL BE UPSTREAM OF THE PRESSURE REDUCING VALVE.
- ⑪ EXISTING 3" WATER PIPING UP FROM BELOW CONCRETE SLAB.
- ⑫ EXISTING 2" WATER PIPING UP FROM 3" WATER MAIN TO STRUCTURE ABOVE AND OVER INTO BOILER ROOM AND THEN INTO SPACE ABOVE CEILING OF BASEMENT STORAGE ROOM.
- ⑬ EXISTING 2" WATER PIPING OVER INTO CRAWL SPACE BELOW FIRST FLOOR.
- ⑭ PIPING DOWN IN WALL FOR CONNECTION TO COUNTER MOUNTED SINK.
- ⑮ EXISTING 1 1/2" PIPING UP IN WALL FOR CONNECTION TO EXISTING DISTRIBUTION PIPING ABOVE CEILING OF FIRST FLOOR.
- ⑯ EXISTING 2" PIPING UP THROUGH FIRST FLOOR TO ABOVE CEILING OF FIRST FLOOR FOR SERVICE TO EXISTING DISTRIBUTION PIPING.
- ⑰ EXISTING WALL FINISH IS TILE (48" HIGH) OVER SHEETROCK WITH PAINT.
- ⑱ EXISTING WALL FINISH BENEATH COUNTER IS SHEETROCK WITH PAINT.
- ⑲ EXISTING WALL FINISH IS PLYWOOD WITH WALL PAPER.
- ⑳ EXISTING WALL FINISH IS SHEETROCK WITH WALL PAPER.
- ㉑ ENTIRE BATHROOM SHALL HAVE ALL TILE REMOVED AND WALL FINISH PREPARED FOR INSTALLATION OF NEW SHEET ROCK AND PAINT.
- ㉒ EXISTING WALL FINISH IS SHEET ROCK WITH PAINT.



DOMESTIC WATER PIPING DEMOLITION PLAN - BASEMENT

SCALE: 3/32" = 1'-0"

(NOTE: DOMESTIC WATER PIPING SHOWN THIS SHEET IS BELOW FIRST FLOOR. THE MAJORITY OF THIS PIPING IS IN THE CRAWL SPACE WITH A PORTION OF THE PIPING ABOVE THE CEILING OF THE BASEMENT STORAGE ROOM.)

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1968
353 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)950-7461



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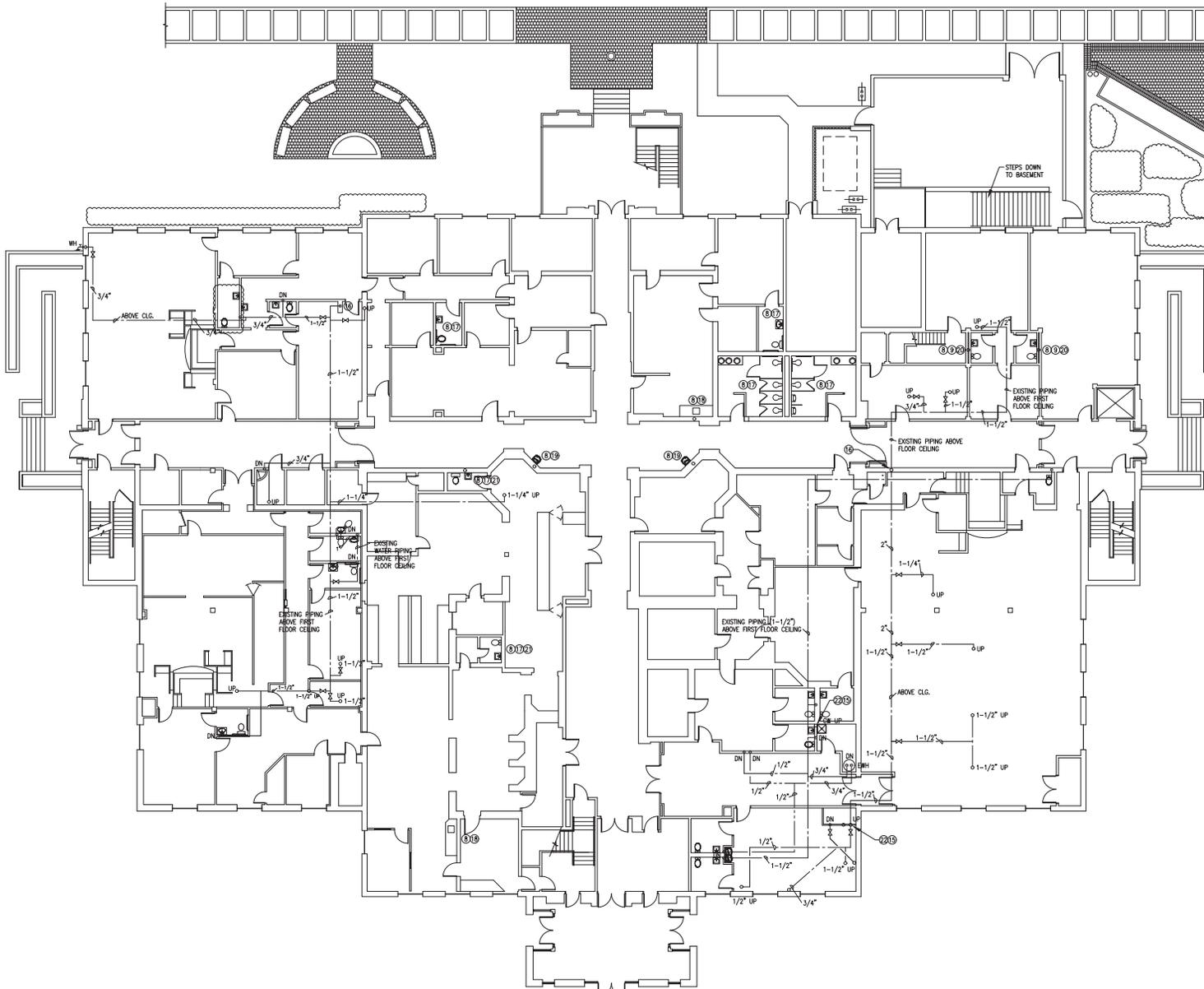
NO.	DATE:	DESCRIPTION:

PROJECT: **BALDWIN COUNTY COURTHOUSE PLUMBING SYSTEMS UPGRADE**
BAY MINETTE, ALABAMA

DRAWING: **DOMESTIC WATER PIPING DEMOLITION PLAN - BASEMENT**

SHEET NO: **PD-1.4**

DATE: 06.22.2022
JOB NO: 20-019



DOMESTIC WATER PIPING DEMOLITION PLAN - FIRST FLOOR

SCALE: 3/32" = 1'-0"

(NOTE: PIPING SHOWN THIS SHEET IS ABOVE CEILING OF FIRST FLOOR)

DOMESTIC WATER DEMOLITION KEYNOTES:

- ① EXISTING WATER METER TO REMAIN. PIPING AT METER DISCHARGE SHALL BE REMOVED AND REPLACED NEW.
- ② EXISTING 3" WATER PIPING BELOW GRADE TO BE REMOVED ONLY TO ACCOMMODATE INSTALLATION OF NEW 3" WATER PIPING.
- ③ EXISTING CONCRETE SUBFLOOR TO BE REMOVED ONLY TO ACCOMMODATE INSTALLATION OF NEW 3" WATER PIPING.
- ④ EXISTING WATER PIPING BELOW CONCRETE FLOOR OF MECHANICAL ROOM TO BE ABANDONED IN PLACE. SEAL OPEN ENDS OF PIPING AIR TIGHT AND ROCKET PROOF.
- ⑤ EXISTING WATER PIPING ABOVE CONCRETE SLAB IN THE MECHANICAL ROOM AND ADJACENT BOILER ROOM TO BE REMOVED.
- ⑥ EXISTING DOMESTIC WATER PIPING ABOVE CEILING OF BASEMENT STORAGE ROOM TO BE REPLACED.
- ⑦ EXISTING PIPING IN BUILDING CRAWL SPACE TO BE REPLACED.
- ⑧ EXISTING BRANCH WATER PIPING TURNING UP IN WALL FOR SERVICE TO FIXTURE SHALL BE REPLACED. DEMOLITION OF WALL SHALL BE AS NEEDED TO ACCOMMODATE INSTALLATION OF NEW PIPING. REMOVE EXISTING PIPING IN WALL TO GREATEST EXTENT POSSIBLE WITH ALL REMAINING OPEN ENDS BEING SEALED AIR TIGHT.
- ⑨ EXISTING 30 GALLON WATER HEATER TO REMAIN. EXISTING COLD WATER PIPING AND HOT WATER PIPING TO BE REPLACED. HOT WATER PIPING PARALLEL TO COLD WATER PIPING TO BATHROOMS ON FIRST FLOOR FROM MECHANICAL ROOM TO ABOVE BASEMENT STORAGE ROOM CEILING AND TO INSIDE OF CRAWL SPACE.
- ⑩ EXISTING WATER PIPING CONNECTING TO EXISTING MECHANICAL EQUIPMENT TO REMAIN. DO NOT DISTURB UNLESS OTHERWISE NOTED. POINT OF CONNECTION BETWEEN NEW AND EXISTING PIPING SHALL BE UPSTREAM OF THE PRESSURE REDUCING VALVE.
- ⑪ EXISTING 3" WATER PIPING UP FROM BELOW CONCRETE SLAB.
- ⑫ EXISTING 2" WATER PIPING UP FROM 3" WATER MAIN TO STRUCTURE ABOVE AND OVER INTO BOILER ROOM AND THEN INTO SPACE ABOVE CEILING OF BASEMENT STORAGE ROOM.
- ⑬ EXISTING 2" WATER PIPING OVER INTO CRAWL SPACE BELOW FIRST FLOOR.
- ⑭ PIPING DOWN IN WALL FOR CONNECTION TO COUNTER MOUNTED SINK.
- ⑮ EXISTING 1 1/2" PIPING UP IN WALL FOR CONNECTION TO EXISTING DISTRIBUTION PIPING ABOVE CEILING OF FIRST FLOOR.
- ⑯ EXISTING 2" PIPING UP FROM CRAWL SPACE THROUGH FIRST FLOOR TO ABOVE CEILING OF FIRST FLOOR FOR SERVICE TO EXISTING DISTRIBUTION PIPING.
- ⑰ EXISTING WALL FINISH IS TILE (48" HIGH) OVER SHEETROCK WITH PAINT.
- ⑱ EXISTING WALL FINISH BENEATH COUNTER IS SHEETROCK WITH PAINT.
- ⑳ EXISTING WALL FINISH IS PLYWOOD WITH WALL PAPER.
- ㉑ EXISTING WALL FINISH IS SHEETROCK WITH WALL PAPER.
- ㉒ ENTIRE BATHROOM SHALL HAVE ALL TILE REMOVED AND WALL FINISH PREPARED FOR REPAIR OF SHEET ROCK AND PAINTED TO MATCH EXISTING COLOR.
- ㉓ EXISTING WALL FINISH IS SHEET ROCK WITH PAINT.

H.M. YONGE & ASSOCIATES, INC.
 CONSULTING ENGINEERS // EST. 1968
 51 EAST GREGORY STREET
 PENSACOLA, FLORIDA 32502
 PHONE: (850)434-2861
 MOBILE: (251)980-7446
 353 ST. ANTHONY STREET
 PENSACOLA, FLORIDA 32502
 PHONE: (850)434-2861

SEAL:

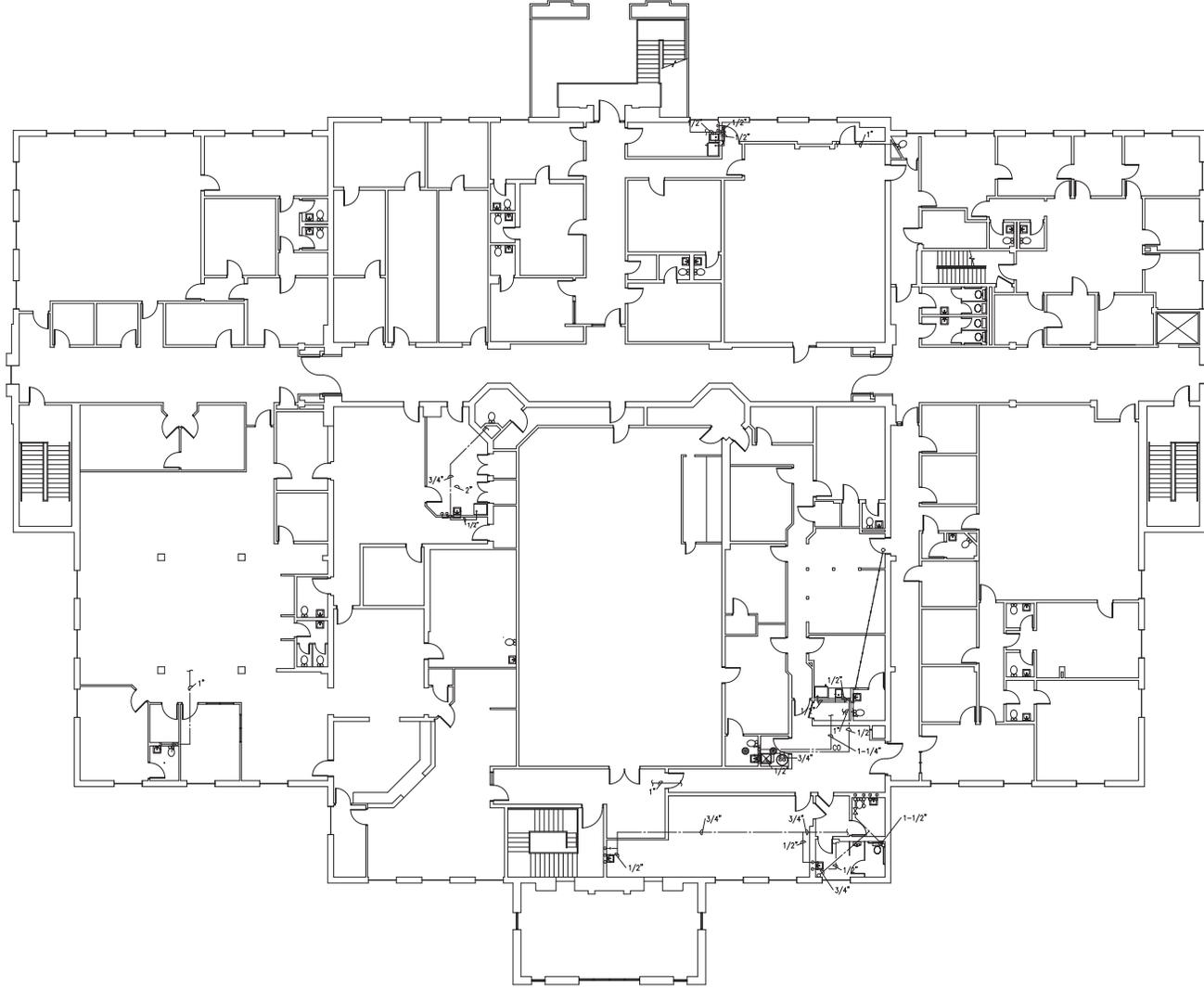
TITLE:

NO. DATE:

PROJECT:

DOMESTIC WATER PIPING DEMOLITION PLAN - FIRST FLOOR
 SHEET NO. **PD-1.5**
 DATE: 06.22.2022
 JOB NO.: 20-019

BALDWIN COUNTY COURTHOUSE
PLUMBING SYSTEMS UPGRADE
 BAY MINETTE, ALABAMA



DOMESTIC WATER PIPING DEMOLITION PLAN - SECOND FLOOR

SCALE: 3/32" = 1'-0"

(NOTE: PIPING SHOWN THIS SHEET IS ABOVE CEILING OF SECOND FLOOR. THIS PIPING SHOWN FOR INFORMATION ONLY - THERE IS NOT ANY WORK REQUIRED OF THIS SHEET)

DRAWING: DOMESTIC WATER PIPING DEMOLITION PLAN - SECOND FLOOR
 SHEET NO. PD-1.6
 DATE: 06.22.2022
 JOB NO.: 20-019

PROJECT: BALDWIN COUNTY COURTHOUSE PLUMBING SYSTEMS UPGRADE
 BAY MINETTE, ALABAMA

REVISIONS:

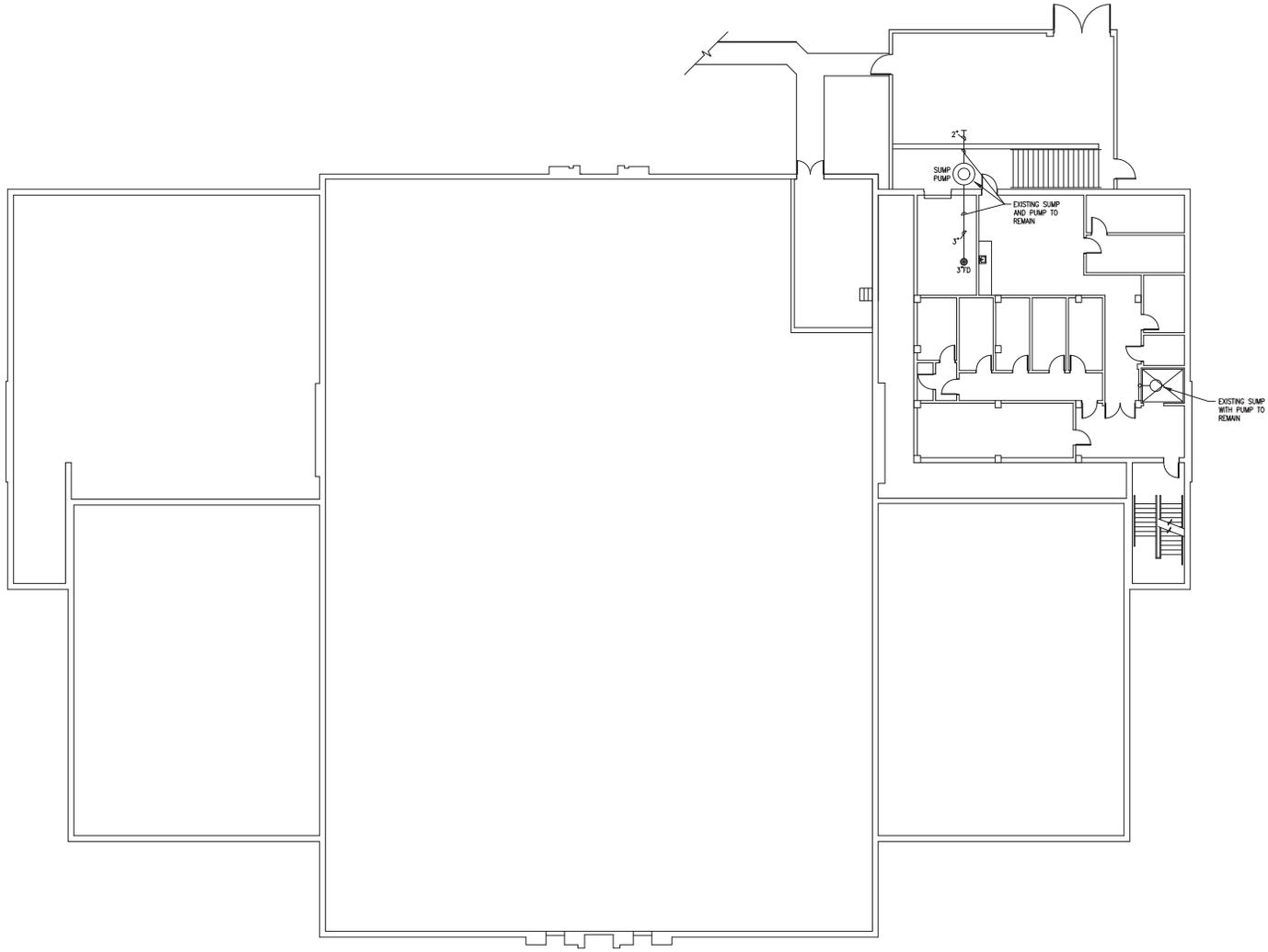
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H.M. YONGE & ASSOCIATES, INC.
 CONSULTING ENGINEERS // EST. 1968
 51 EAST GREGORY STREET
 PRISACOLA, FLORIDA 32502
 PHONE: (850)434-2861

253 ST. ANTHONY STREET
 MOBILE, ALABAMA 36603
 PHONE: (251)890-7446





SANITARY WASTE PIPING NEW WORK PLAN - BASEMENT

SCALE: 3/32" = 1'-0"

(NOTE: REFERENCE SANITARY WASTE PIPING NEW WORK PLAN - FIRST FLOOR FOR ADDITIONAL INFORMATION THIS AREA)

H.M. YONGE & ASSOCIATES, INC.
 CONSULTING ENGINEERS // EST. 1968
 51 EAST GREGORY STREET
 PENSACOLA, FLORIDA 32502
 PHONE: (850)434-2861

SEAL:

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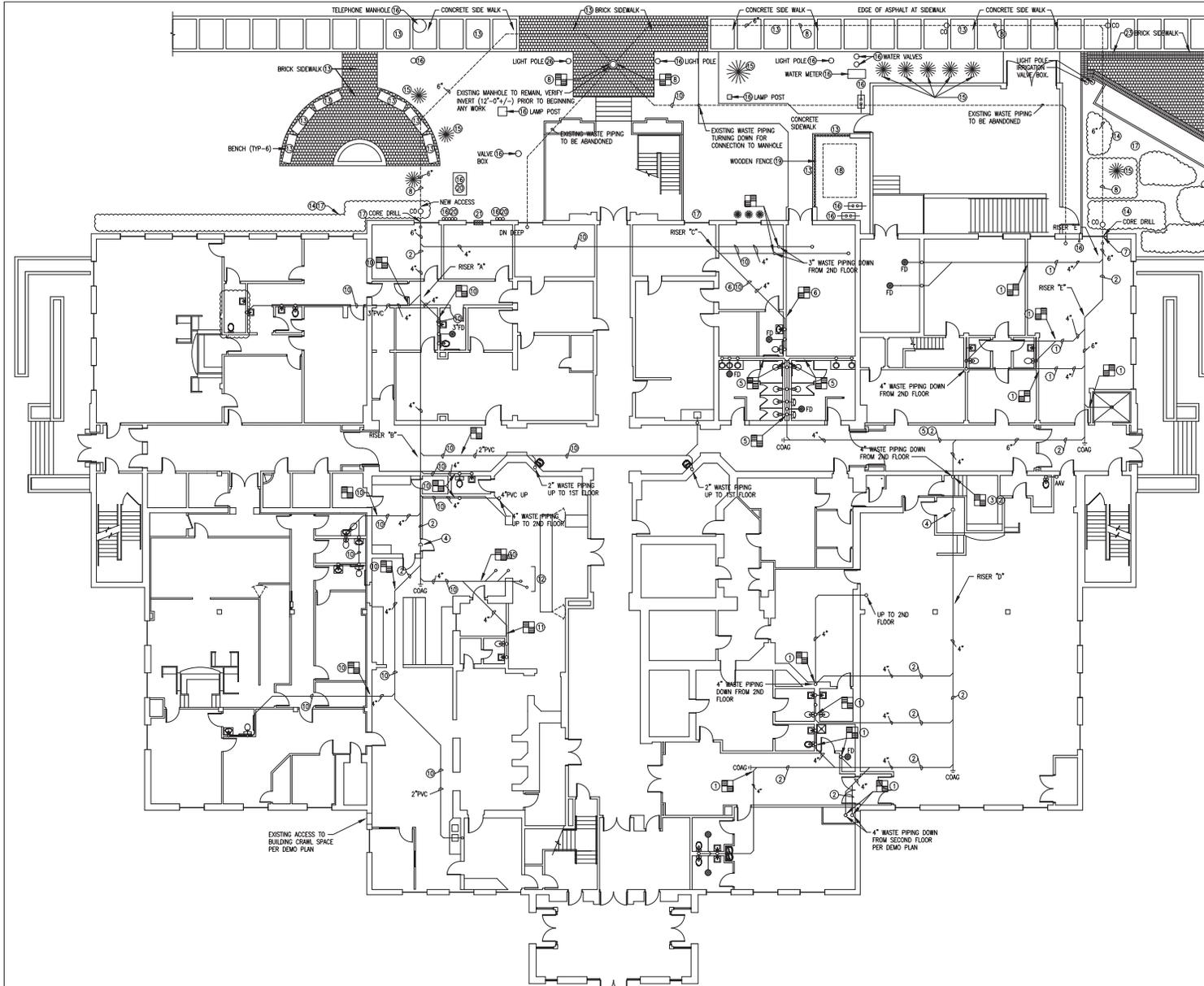
NO.	DATE	TITLE

PROJECT:
BALDWIN COUNTY COURTHOUSE
PLUMBING SYSTEMS UPGRADE
 BAY MINETTE, ALABAMA

DRAWING:
SANITARY WASTE
PIPING NEW WORK
PLAN - BASEMENT

DATE: 06.22.2022
 JOB NO: 20-018

SHEET NO:
P-1.1



SANITARY WASTE PIPING NEW WORK PLAN - FIRST FLOOR
 SCALE: 3/32" = 1'-0"

(NOTE: WASTE PIPING SHOWN THIS SHEET BELOW FIRST FLOOR IN CRAWL SPACE BELOW. REFERENCE SANITARY WASTE PIPING NEW WORK PLAN - BASEMENT FOR ADDITIONAL INFORMATION)

SANITARY WASTE NEW WORK KEYNOTES

- GENERAL COMMENT
 PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING WASTE PIPING LOCATIONS, MATERIALS OF CONSTRUCTION AND SLOPE (FALL). SHOP DRAWINGS SHALL BE PROVIDED INDICATING ROUTING OF NEW EASTERN AND WESTERN MAIN WASTE COLLECTION SYSTEMS. SHOP DRAWINGS SHALL INCLUDE PLANS AND ISOMETRIC DIAGRAMS. A COMPLETE AND THOROUGH UNDERSTANDING OF WORK TO BE ACCOMPLISHED FROM THIS PROJECT IS EXPECTED PRIOR TO BEGINNING CONSTRUCTION. ADDITIONALLY, CONSTRUCTION PHASING SHALL BE PRESENTED WITH A SCHEDULE OF EXPECTED OUTAGES OF THE SANITARY WASTE SYSTEMS.
- 1 NEW BRANCH WASTE PIPING TO BE CONNECTED TO EXISTING HORIZONTAL OR VERTICAL WASTE PIPING. ROUTE NEW WASTE PIPING FOR CONNECTION TO NEW BUILDING SANITARY WASTE COLLECTION SYSTEM.
 - 2 NEW BUILDING SANITARY WASTE COLLECTION SYSTEM PIPING TO BE ROUTED GENERALLY AS INDICATED WITH OFFSETS TO AVOID OBSTRUCTIONS. FINAL ELEVATIONS OF INSTALLATION SHALL BE FIELD ADJUSTED TO ACCOMMODATE CONNECTION OF NEW BRANCH WASTE LINES. PLUMBING CONTRACTOR SHALL EVALUATE AVAILABLE SPACE FOR WASTE PIPING SLOPING DOWN FROM SOUTH TO NORTH TO MAINTAIN 1/8" INCH PER FOOT FALL MINIMUM.
 - 3 NEW BUILDING WASTE PIPING COLLECTION SYSTEM SHALL BE ROUTED FOR CONNECTION TO EXISTING 4 INCH WATER RISER. EXTEND EXISTING RISER TO ACCOMMODATE SLOPE (FALL) OF NEW COLLECTION SYSTEM.
 - 4 EXISTING WALL OPENING TO BE INCREASED IN AREA TO ACCOMMODATE SLOPE/FALL OF NEW BUILDING WASTE COLLECTION SYSTEM.
 - 5 EXISTING WASTE PIPING SERVING THE TWO GANG BATHROOMS AND SINGLE BATHROOM SHALL BE DIVIDED. NEW WASTE PIPING FOR THE TWO BATHROOM GROUPS SHALL BE REVERSED SUCH THAT WASTE FLOWS TO THE EAST IN LEU OF TO THE WEST. NEW PIPING AND FITTINGS SHALL BE INSTALLED TO ACCOMMODATE FIELD CONDITIONS AND TO REVERSE THE FLOW. EXTEND NEW WASTE PIPING FOR CONNECTION TO NEW BUILDING WASTE COLLECTION SYSTEM.
 - 6 EXISTING WASTE PIPING FROM SINGLE WATER CLOSET BATHROOM TO BE EXTENDED FOR CONNECTION TO NEW BRANCH WASTE PIPING.
 - 7 NEW BUILDING WASTE COLLECTION PIPING TO BE TURNED DOWN TO PENETRATE EXISTING BUILDING EXTERIOR WALL. NEW WALL PENETRATION SHALL BE AS DICATED BY SLOPE/FALL OF NEW WASTE COLLECTION SYSTEM. CORE DRILL WALL FOR INSTALLATION OF PIPING.
 - 8 NEW WASTE COLLECTION SYSTEM SHALL BE ROUTED BELOW GRADE FOR CONNECTION TO EXISTING MANHOLE. ROUTE NEW PIPING BENEATH EXISTING CONCRETE SIDEWALK, AS SHALLOW AS POSSIBLE. SUBJECT TO A 2" FALL. EXISTING CONCRETE SIDEWALK SHALL REQUIRE REMOVAL. A NEW SIDEWALK SHALL BE REQUIRED TO BE INSTALLED ONCE NEW WASTE PIPING INSTALLATION IS COMPLETED. NEW SIDEWALK SHALL DUPLICATE EXISTING SIDEWALK.
 - 9 NOT USED.
 - 10 EXISTING FIXTURE WASTE PIPE TO REMAIN. EXTEND WITH NEW PIPING TO MATCH EXISTING FOR CONNECTION TO NEW WASTE COLLECTION PIPING SYSTEM.
 - 11 EXISTING SINGLE WATER CLOSET RESTROOM WITH WASTE PIPING EXTENDING DOWN TO BELOW GRADE FOR CONNECTION TO ORIGINAL BUILDING WASTE COLLECTION SYSTEM. WASTE PIPING SHALL BE DISCONNECTED FROM RESTROOM GROUP. EXTEND FIXTURE WASTE PIPING FOR CONNECTION TO NEW BUILDING WASTE COLLECTION SYSTEM. CAP REMAINING WASTE PIPING TURNING DOWN TO BELOW GRADE AIR TIGHT AND RODENT PROOF.
 - 12 EXISTING 4 INCH WASTE PIPING UP. EACH RISER SHALL BE VERIFIED AS ACTIVE. ANY RISER NOT SERVING ACTIVE FIXTURES SHALL BE ABANDONED IN PLACE. CAP AND SEAL ABANDONED PIPING AIR TIGHT AND RODENT PROOF.
 - 13 PLUMBING CONTRACTOR TO BE RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF THE EXISTING CONCRETE SIDEWALK AND BRICK SIDEWALK TO ACCOMMODATE INSTALLATION OF THE NEW WASTE AND DOMESTIC WATER PIPING. PATTERNS OF DESIGN IN THE CONCRETE SIDEWALKS AND IN THE BRICK SIDEWALKS SHALL BE MAINTAINED WITH THE INSTALLATION OF THE NEW SIDEWALKS. INCLUDE WITH REMOVAL AND REPLACEMENT OF SIDEWALKS SEATING BENCHES. REFERENCE NEW WORK PLAN FOR ADDITIONAL INFORMATION.
 - 14 PLUMBING CONTRACTOR TO BE RESPONSIBLE FOR COORDINATING WITH OWNER TO HAVE SHRUBBERY REMOVED PRIOR TO BEGINNING ANY WORK EXTERIOR OF THE COURTHOUSE BUILDING. THE OWNER SHALL BE RESPONSIBLE FOR REMOVING THE SHRUBBERY AND REPLACING THE SHRUBBERY ONCE THE PROJECT IS COMPLETE.
 - 15 PLUMBING CONTRACTOR SHALL TAKE PRECAUTIONS FOR PROTECTING EXISTING TREES. PRIOR TO BEGINNING ANY WORK, A ROUTING FOR THE WASTE PIPING SHALL BE FINALIZED WITH THE OWNER TO ESTABLISH THE NEED FOR PROTECTING THE EXISTING TREES FROM DAMAGE.
 - 16 PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES. THESE UNDERGROUND UTILITIES INCLUDE WATER PIPING, IRRIGATION SPRINKLER PIPING, GAS PIPING, ELECTRICAL POWER, WASTE PIPING, AND ETC. UTILITY SYSTEMS COMPONENTS HAVE BEEN IDENTIFIED THAT ARE ABOVE GROUND AS A REFERENCE POINT LOCATING THE UTILITY SYSTEMS. DUE TO THE MULTITUDE OF UNDERGROUND UTILITY SYSTEMS HAND DIGGING FOR THE FIRST 36 INCHES BELOW GRADE SHALL BE REQUIRED. PENDING THE SUCCESS OF THE HAND DIG TRENCHES OTHER OPTIONS MAY BE EMPLOYED FOR DEEPER DEPTH OF TRENCHING.
 - 17 IRRIGATION SPRINKLER PIPING AND SPRINKLER PIPING ARE LOCATED IN THIS AREA.
 - 18 CONCRETE HOUSEKEEPING PAD TO BE REMOVED TO ACCOMMODATE INSTALLATION OF NEW UTILITY PIPING.
 - 19 EXISTING WOODEN FENCE TO BE REMOVED AND REPLACED TO ACCOMMODATE INSTALLATION OF NEW UTILITY PIPING.
 - 20 EXISTING UNDERGROUND ELECTRICAL BOX AND CONDUIT EXPOSED ON EXTERIOR WALL TO REMAIN. DO NOT DISTURB. ALL TRENCHING IN THIS AREA SHALL BE BY HAND.
 - 21 NEW OPENING IN CONCRETE WALL (18"x24") SHALL HAVE A GALVANIZED STEEL FRAME UNDER THE ENTIRE PERIMETER AND DEPTH OF OPENING. LINER SHALL BE 3/8" THICK (18"x24"x18"). VERIFY ACTUAL DIMENSIONS IN FIELD PRIOR TO FABRICATION. INCLUDE A 4" COLLAR AROUND PERIMETER OF SLEEVE. MECHANICALLY FASTEN LINER TO WALL A MINIMUM OF 3" FROM EDGE OF OPENING WITH 3/16" FASTENERS INSTALLED AT ACCESS DOOR (STAINLESS STEEL) WITH PIANO HINGE TO COVER OPENING. DOOR WITH HASP AND PADLOCK. COORDINATE LOCK WITH COUNTY PERSONNEL.

H.M. YONGE & ASSOCIATES, INC.
 CONSULTING ENGINEERS // EST. 1968
 51 EAST GREGORY STREET
 PENSACOLA, FLORIDA 32502
 PHONE: (850)344-2861

PROJECT: **SANITARY WASTE PIPING NEW WORK PLAN - FIRST FLOOR**

DRAWING: **P-1.2**

DATE: 06.22.2022

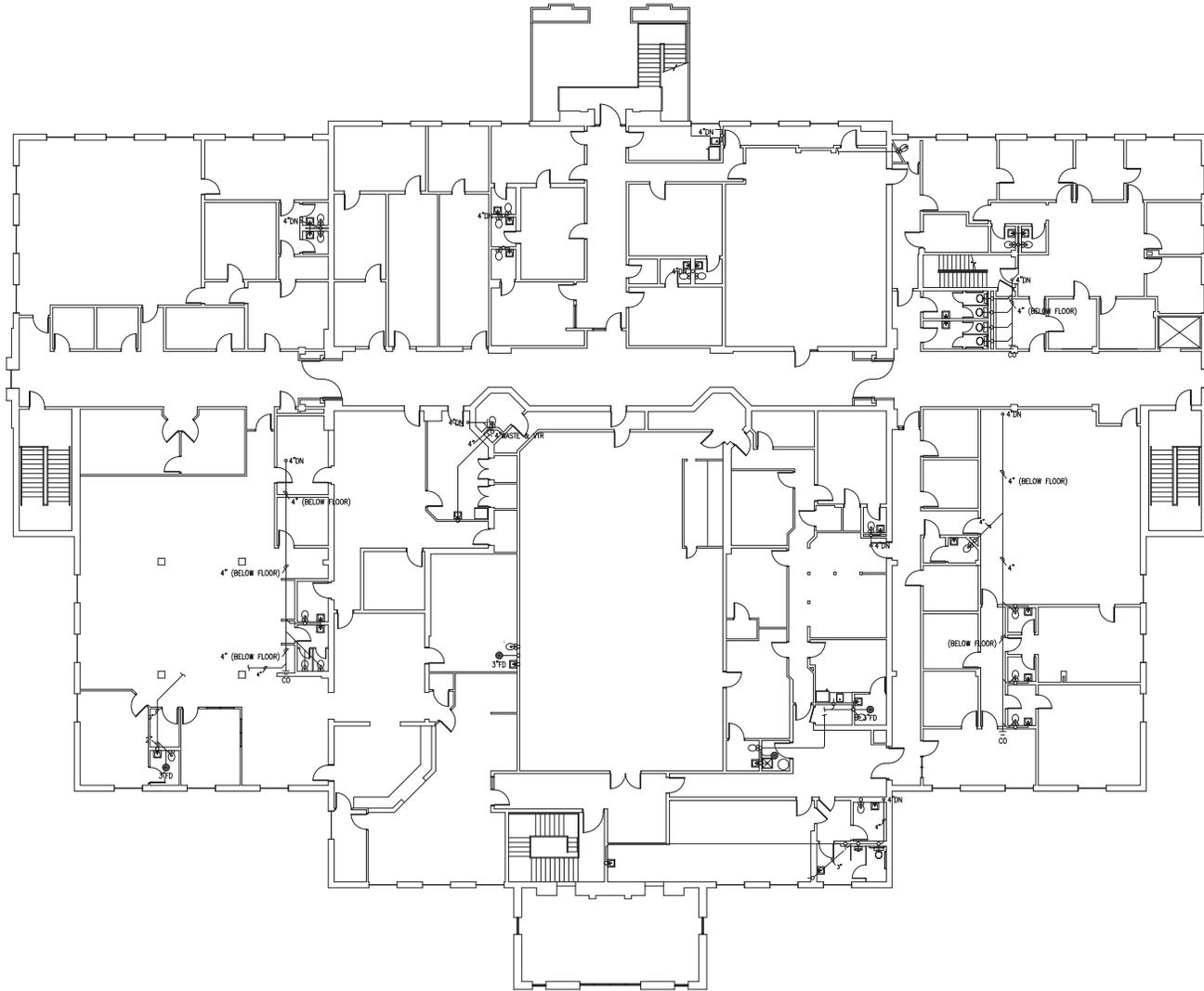
JOB NO.: 20-019

REVISIONS:

NO.	DATE:	TITLE:

SEAL:

BALDWIN COUNTY COURTHOUSE
PLUMBING SYSTEMS UPGRADE
 BAY MINETTE, ALABAMA



SANITARY WASTE PIPING NEW WORK PLAN - SECOND FLOOR

SCALE: 3/8" = 1'-0"

(NOTE: WASTE PIPING SHOWN THIS SHEET IS BELOW FLOOR OF SECOND FLOOR. THIS PIPING IS SHOWN FOR INFORMATION ONLY - THERE IS NOT WORK REQUIRED OF THIS SHEET)

DRAWING: **SANITARY WASTE PIPING NEW WORK PLAN - SECOND FLOOR**
 SHEET NO: **P-1.3**
 DATE: 06.22.2022
 JOB NO: 20-019

PROJECT: **BALDWIN COUNTY COURTHOUSE PLUMBING SYSTEMS UPGRADE**
 BAY MINETTE, ALABAMA

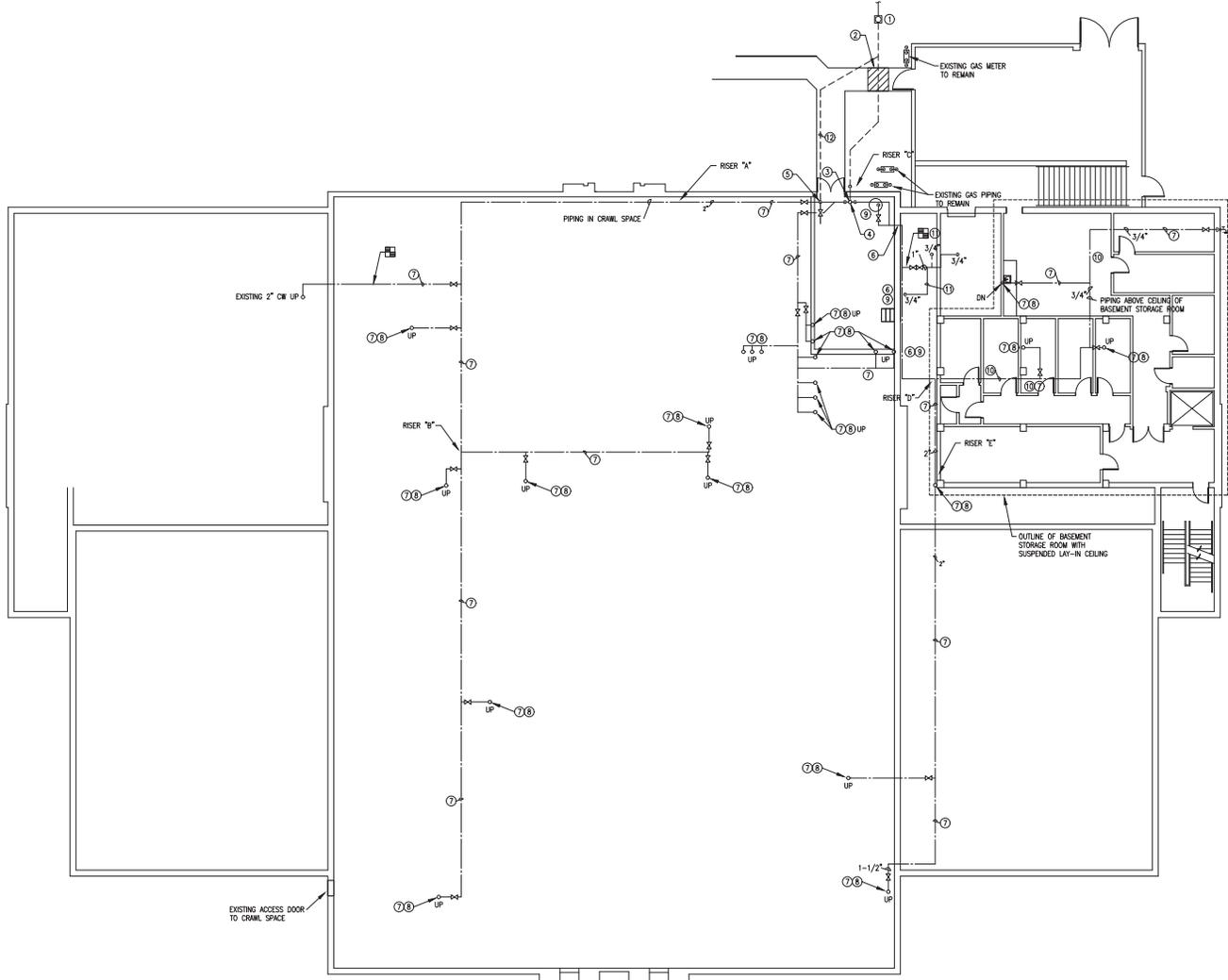
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SEAL:

H.M. YONGE & ASSOCIATES, INC.
 CONSULTING ENGINEERS // EST. 1968
 51 EAST GREGORY STREET
 PRISACOLA, FLORIDA 32502
 PHONE: (850)434-2861

353 ST. ANTHONY STREET
 MOBILE, ALABAMA 36603
 PHONE: (251)950-7446



DOMESTIC WATER NEW WORK KEYNOTES

- ① NEW UNDERGROUND DOMESTIC WATER PIPING TO BE INSTALLED FROM DISCHARGE OF METER IN THE METER BOX TO RISER OF EXISTING MECHANICAL ROOM. ROUTE PIPING GENERALLY AS INDICATED WITH OFFSETS TO AVOID OBSTRUCTIONS. PARTICULAR CONCERN IS FOR EXISTING UNDERGROUND GAS PIPING. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING GAS PIPING (BELOW GRADE) WITH A UTILITY CONTRACTOR. ANY TRENCHING SHALL BE HAND DUG. INSTALL NEW PIPING AT SAME ELEVATION AS EXISTING (3/8" MINIMUM).
- ② EXISTING PORTION OF CONCRETE SIDEWALK SHALL BE REMOVED AND REPLACED NEW TO ACCOMMODATE INSTALLATION OF NEW WATER PIPING.
- ③ NEW MAIN WATER LINE SHALL TURN UP ON EXTERIOR OF BUILDING TO MINIMUM OF 6" ABOVE FLOOR ELEVATION AND PENETRATE EXTERIOR WALL. CORE DRILLING SHALL BE REQUIRED. TURN PIPING UP IN MECHANICAL ROOM ADJACENT TO WALL. INCLUDE A MAIN WATER SHUT-OFF VALVE IN VERTICAL RISE OF WATER LINE WITHIN 42" OF FLOOR.
- ④ NEW MAIN WATER LINE SHALL BRANCH INTO TWO SEPARATE WATER LINES ABOVE MAIN SHUT-OFF VALVE. INSTALL A SHUT-OFF VALVE IN EACH SEPARATE LINE WITHIN 60" OF THE FLOOR. ADJUST FINAL POSITION OF VALVES TO BE ACCESSIBLE. THE NEW WATER LINE CLOSEST TO THE MECHANICAL ROOM ENTRY DOOR SHALL SERVE THE WESTERN PORTION OF THE BUILDING AND THE OTHER WATER LINE THE EASTERN PORTION OF THE BUILDING.
- ⑤ NEW WATER PIPING BRANCHING TO THE WEST SHALL RISE TO PASS ABOVE MECHANICAL ROOM DOOR. TURN DOWN TO FLOOR AND OVER ADJACENT TO WEST WALL OF MECHANICAL ROOM. PIPING IS TO TURN THROUGH WEST MECHANICAL ROOM WALL ADJACENT TO EXISTING DOMESTIC WATER PIPING. SUPPORT PIPING EVERY 6 FEET AND AT CHANGES OF DIRECTION.
- ⑥ NEW WATER LINE BRANCHING TO THE EAST SHALL RISE TO UNDERSIDE OF STRUCTURE TO PASS THROUGH EAST WALL OF MECHANICAL ROOM INTO ADJACENT MECHANICAL (DOLLER) ROOM. INSTALLATION OF NEW PIPING SHALL BE ADJACENT TO EXISTING DOMESTIC WATER PIPING. SUPPORT PIPING EVERY 6 FEET AND AT CHANGES OF DIRECTION.
- ⑦ NEW DOMESTIC WATER PIPING SHALL BE INSTALLED ADJACENT TO EXISTING DOMESTIC WATER PIPING. TURN PIPING UP THROUGH FLOOR FOR CONNECTION TO EXISTING PLUMBING FIXTURE OR EXISTING DOMESTIC WATER SYSTEM ABOVE CEILING AT FIRST FLOOR. SUPPORT PIPING EVERY 6 FEET AND AT CHANGES IN DIRECTION.
- ⑧ DEMOLITION OF EXISTING WET WALLS SHALL BE REQUIRED TO ACCOMMODATE INSTALLATION OF NEW WATER PIPING. REPAIR OF PARTIALLY DEMOLISHED WALLS SHALL BE REQUIRED TO MATCH EXISTING STRUCTURE AND SUBSURROUNDING FINISH. REFERENCE DEMOLITION PLAN FOR ADDITIONAL INFORMATION ON WALL FINISHES AND CONSTRUCTION.
- ⑨ EXISTING WATER HEATER TO REMAIN. TURN COLD WATER PIPING DOWN FOR CONNECTION. NEW HOT WATER PIPING SHALL PARALLEL EXISTING HOT WATER PIPING FOR ROUTING TO CONNECT TO EXISTING PLUMBING FIXTURES.
- ⑩ NEW WATER LINE ROUTED ABOVE CEILING OF BASEMENT STORAGE ROOM. CEILING IS SUSPENDED AS 3/2" LAY-IN TILE. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING CEILING TO ACCOMMODATE NEW WORK AND REINSTALLING CEILING. ANY BROKEN CEILING TILE OR GRID SHALL BE REPLACED NEW. NEW PIPING SHALL PARALLEL EXISTING PIPING.
- ⑪ NEW WATER PIPING SHALL BE CONNECTED TO PRESSURE REDUCING VALVE. EXISTING PIPING IN MECHANICAL ROOM CONNECTING TO MECHANICAL EQUIPMENT SHALL REMAIN. DO NOT DISTURB UNLESS OTHERWISE NOTED.
- ⑫ EXISTING MAIN WATER SERVICE LINE TO BE REMOVED TO GREATEST EXTENT POSSIBLE WITHOUT DEMOLITION OF BUILDING OR CONCRETE SIDEWALK.

DOMESTIC WATER PIPING NEW WORK PLAN - BASEMENT
 SCALE: 3/32" = 1'-0"
 (NOTE: REFERENCE DOMESTIC WATER PIPING NEW WORK PLAN - FIRST FLOOR FOR ADDITIONAL INFORMATION THIS AREA)

H.M. YONGE & ASSOCIATES, INC.
 CONSULTING ENGINEERS // EST. 1968
 51 EAST GREGORY STREET
 PENSACOLA, FLORIDA 32502
 PHONE: (850)344-2661

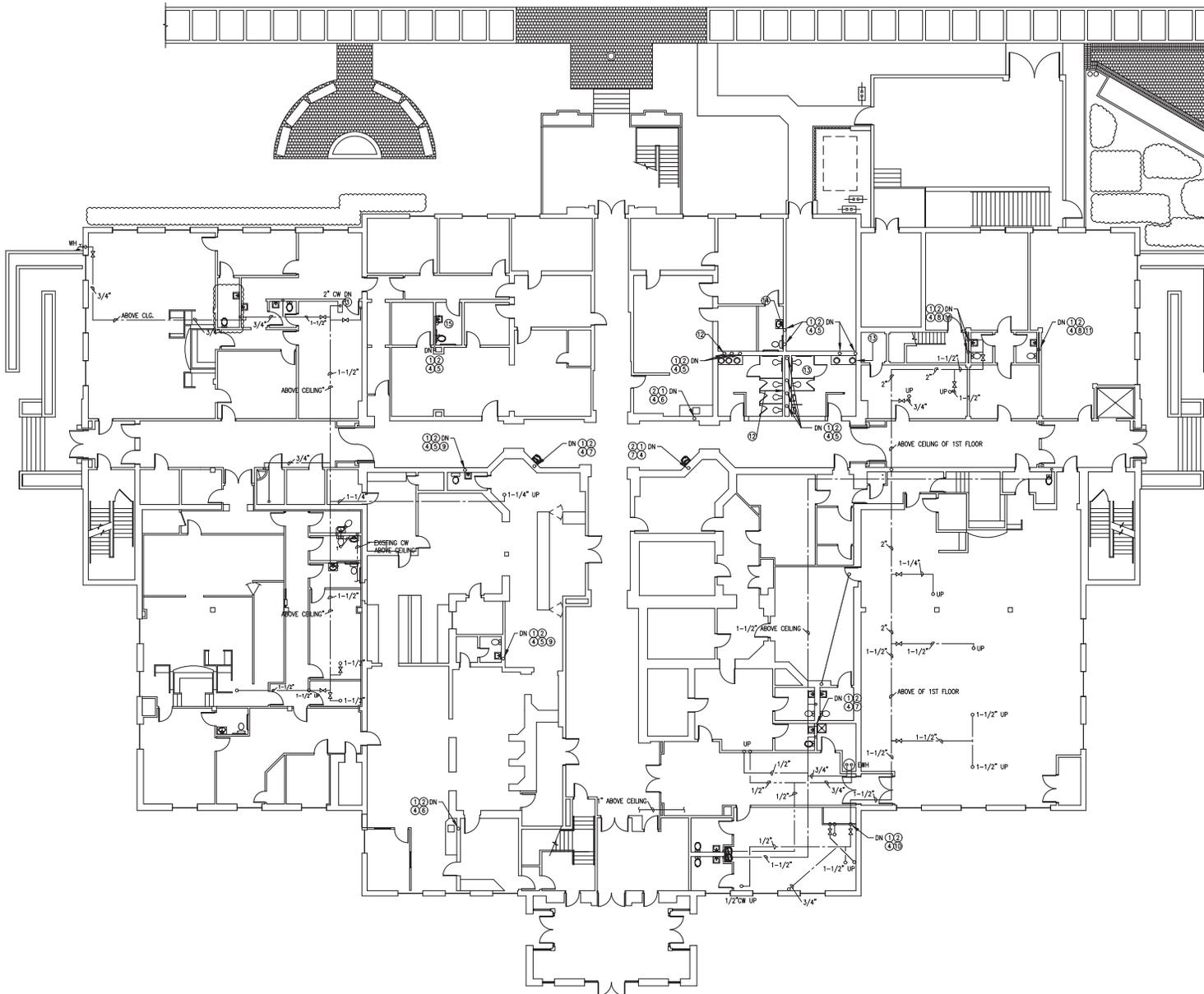
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NO.	DATE:	TITLE:

PROJECT:
**BALDWIN COUNTY COURTHOUSE
 PLUMBING SYSTEMS UPGRADE**
 BAY MINETTE, ALABAMA

DRAWING:
**DOMESTIC WATER
 PIPING NEW WORK
 PLAN - BASEMENT**
 SHEET NO:
P-1.4

DATE: 06.22.2022
 JOB NO: 20-019



DOMESTIC WATER PIPING NEW WORK PLAN - FIRST FLOOR

SCALE: 3/32" = 1'-0"

(NOTE: PIPING SHOWN THIS SHEET IS ABOVE CEILING OF FIRST FLOOR)

DOMESTIC WATER NEW WORK KEYNOTES

- ① NEW DOMESTIC WATER PIPING UP FROM BELOW FLOOR INTO WALL FOR CONNECTION TO EXISTING PLUMBING FIXTURES OR EXISTING DOMESTIC WATER SYSTEM ABOVE CEILING OF FIRST FLOOR. SUPPORT PIPING EVERY 6 FEET AND AT CHANGES IN DIRECTION.
- ② LIMITED DEMOLITION OF EXISTING WET WALLS SHALL BE REQUIRED TO ACCOMMODATE INSTALLATION OF NEW WATER PIPING REPAIR OF DEMOLISHED PORTION OF WALL SHALL BE REQUIRED BY DEMOLITION CONTRACTOR.
- ③ EXISTING 2" DOMESTIC WATER PIPING UP FROM BASEMENT TO REMAIN.
- ④ PLUMBING CONTRACTOR TO BE RESPONSIBLE FOR REPAIRING PORTIONS OF DEMOLISHED WALL TO MATCH EXISTING CONSTRUCTION AND WALL FINISH. EXISTING CONSTRUCTION AND FINISHES SHALL BE VISITED PRIOR TO BEGINNING ANY WORK. REFERENCE KEY NOTES FOR TYPES OF FINISHES IN AREA OF WORK. WALL CONSTRUCTION VARIES IN THE DIFFERENT LOCATIONS WITH SHEETROCK BEING THE OUTER SURFACE TO WHICH A FINISH IS APPLIED.
- ⑤ EXISTING WALL FINISH IS TILE UP TO 48" ABOVE FINISHED FLOOR OVER SHEETROCK WITH PAINT UP TO CEILING.
- ⑥ EXISTING WALL FINISH BENEATH COUNTER IS SHEETROCK WITH PAINT.
- ⑦ EXISTING WALL FINISH IS PLYWOOD WITH WALLPAPER.
- ⑧ EXISTING WALL FINISH IS SHEETROCK WITH WALLPAPER.
- ⑨ ENTIRE BATHROOM SHALL HAVE ALL TILE REMOVED AND WALL FINISHED TO BE PREPARED FOR PAINTING. PRIME AND PAINT WALLS TO MATCH EXISTING COLOR.
- ⑩ EXISTING WALL FINISH IS SHEETROCK WITH PAINT.
- ⑪ EXISTING WALLS SHALL HAVE WALLPAPER REMOVED COMPLETELY. WALL PREPARED FOR PAINTING AND PRIMED AND PAINTED TO MATCH THE EXISTING COLOR.
- ⑫ WATER PIPING TO BE INSTALLED FOR THE WOMEN'S BATHROOM WATER CLOSETS SHALL BE ACCESSED FROM THE MEN'S BATHROOM. DO NOT DISTURB WALL FINISHES ON WOMEN'S SIDE OF BATHROOM. WATER PIPING SERVING THE LAVATORIES SHALL BE BENEATH COUNTER BEHIND HANDICAPPED SHIELD. REMOVE SHIELD FOR ACCESS TO WALL. WALL DEMOLITION AND REPAIR SHALL ONLY BE WITHIN THE BOUNDARY OF THE SHIELD. TILE SHALL NOT BE REQUIRED TO BE REPLACED BUT WALL SHALL BE FINISHED WITH SHEETROCK AND PRIMED TO BE PAINTED. HANDICAPPED SHIELD SHALL BE REINSTALLED TO MATCH EXISTING CONDITION.
- ⑬ WALL DEMOLITION IN MEN'S BATHROOM SHALL OCCUR ON THE MEN'S SIDE OF THE BATHROOM. WALL DEMOLITION SHALL INCLUDE DEMOLITION TO REPLACE WATER PIPING FOR WATER CLOSETS IN WOMEN'S BATHROOM. DO NOT DISTURB FINISHED TILE IN WOMEN'S BATHROOM SERVING WATER CLOSETS. WATER PIPING FOR THE LAVATORIES IN THE MEN'S BATHROOM SHALL BE INSTALLED WITH WALL DEMOLITION BEHIND THE HANDICAPPED SHIELD BENEATH THE COUNTER. WALL WORK FOR DEMOLITION AND REPAIR SHALL BE ONLY WITHIN THE BOUNDARY OF THE SHIELD. TILE SHALL NOT BE REQUIRED TO BE REPLACED BEHIND THE SHIELD BUT THE WALL SHALL BE FINISHED WITH SHEETROCK AND PRIMED TO BE PAINTED. HANDICAPPED SHIELD SHALL BE REINSTALLED TO MATCH ORIGINAL INSTALLATION. ALL TILE DAMAGED FOR WATER CONNECTIONS TO WATER CLOSETS AND URINALS SHALL BE REPLACED WITH MATCHING TILE AS ACQUIRED FROM BATHROOM ADDRESSED IN KEY NOTE #15.
- ⑭ WALL DEMOLITION FOR INSTALLATION OF NEW WATER PIPING SHALL REQUIRE TILED BEHIND WATER CLOSET AND BENEATH LAVATORY TO BE REMOVED. REPAIR OF WALL OPENINGS SHALL OCCUR WITH THE USE OF MATCHING TILE FROM BATHROOM AS ADDRESSED IN KEY NOTE #15.
- ⑮ WALL DEMOLITION FOR THE INSTALLATION OF NEW WATER PIPING SHALL OCCUR BEHIND THE WATER CLOSET AND BENEATH THE LAVATORY. ALL REMAINING TILE ON ALL FOUR WALLS SHALL BE REMOVED WITH THE INTENT TO BE SALVAGED FOR REUSE IN OTHER BATHROOMS. PLUMBING CONTRACTOR SHALL ESTABLISH A WORST CASE SCENARIO FOR THE COLOR AND QUANTITY OF TILE NEEDED FOR REPAIRS IN ORDER TO INSURE SUCH QUANTITIES ARE AVAILABLE UPON TILE REMOVAL. IN THIS BATHROOM ALL WALLS IN THIS BATHROOM SHALL BE PREPARED FOR PAINTING. WALLS SHALL BE PRIMED AND PAINTED TO MATCH EXISTING COLOR.

H.M. YONGE & ASSOCIATES, INC.
 CONSULTING ENGINEERS // EST. 1968
 353 ST. ANTHONY STREET
 PRISACOLA, FLORIDA 32502
 PHONE: (850)434-2861

SEAL:

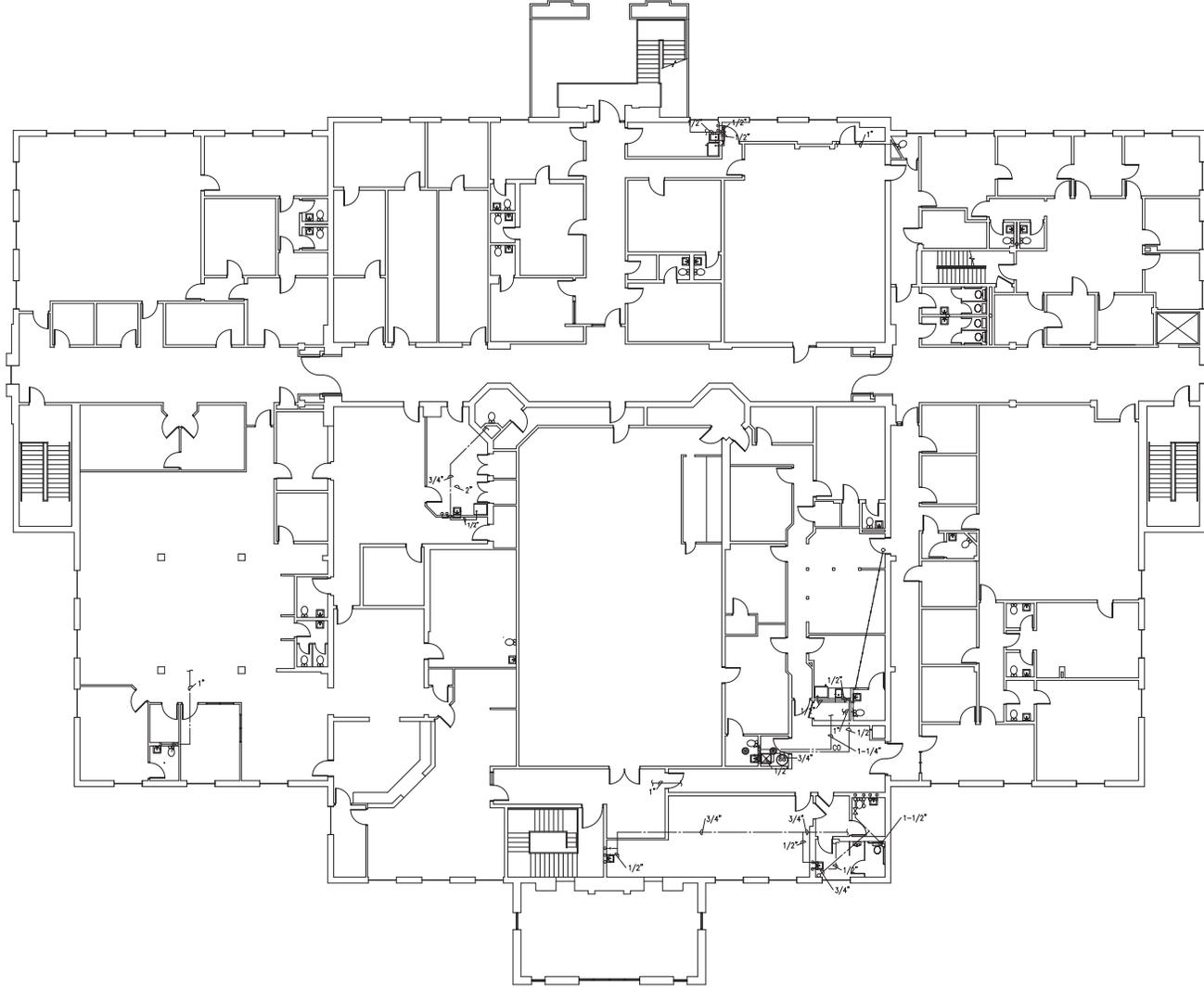
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NO.	DATE:	TITLE:

PROJECT:
DOMESTIC WATER PIPING NEW WORK PLAN - FIRST FLOOR
BALDWIN COUNTY COURTHOUSE PLUMBING SYSTEMS UPGRADE
 BAY MINETTE, ALABAMA

DRAWING:
DOMESTIC WATER PIPING NEW WORK PLAN - FIRST FLOOR
SHEET NO. P-1.5

DATE: 06.22.2022
JOB NO.: 20-019



DOMESTIC WATER PIPING NEW WORK PLAN - SECOND FLOOR

SCALE: 3/32" = 1'-0"

(NOTE: PIPING SHOWN THIS SHEET IS ABOVE CEILING OF SECOND FLOOR. THIS PIPING SHOWN FOR INFORMATION ONLY - THERE IS NOT ANY WORK REQUIRED OF THIS SHEET)

DRAWING: DOMESTIC WATER PIPING NEW WORK PLAN - SECOND FLOOR
 SHEET NO: **P-1.6**
 DATE: 06.22.2022
 JOB NO: 20-019

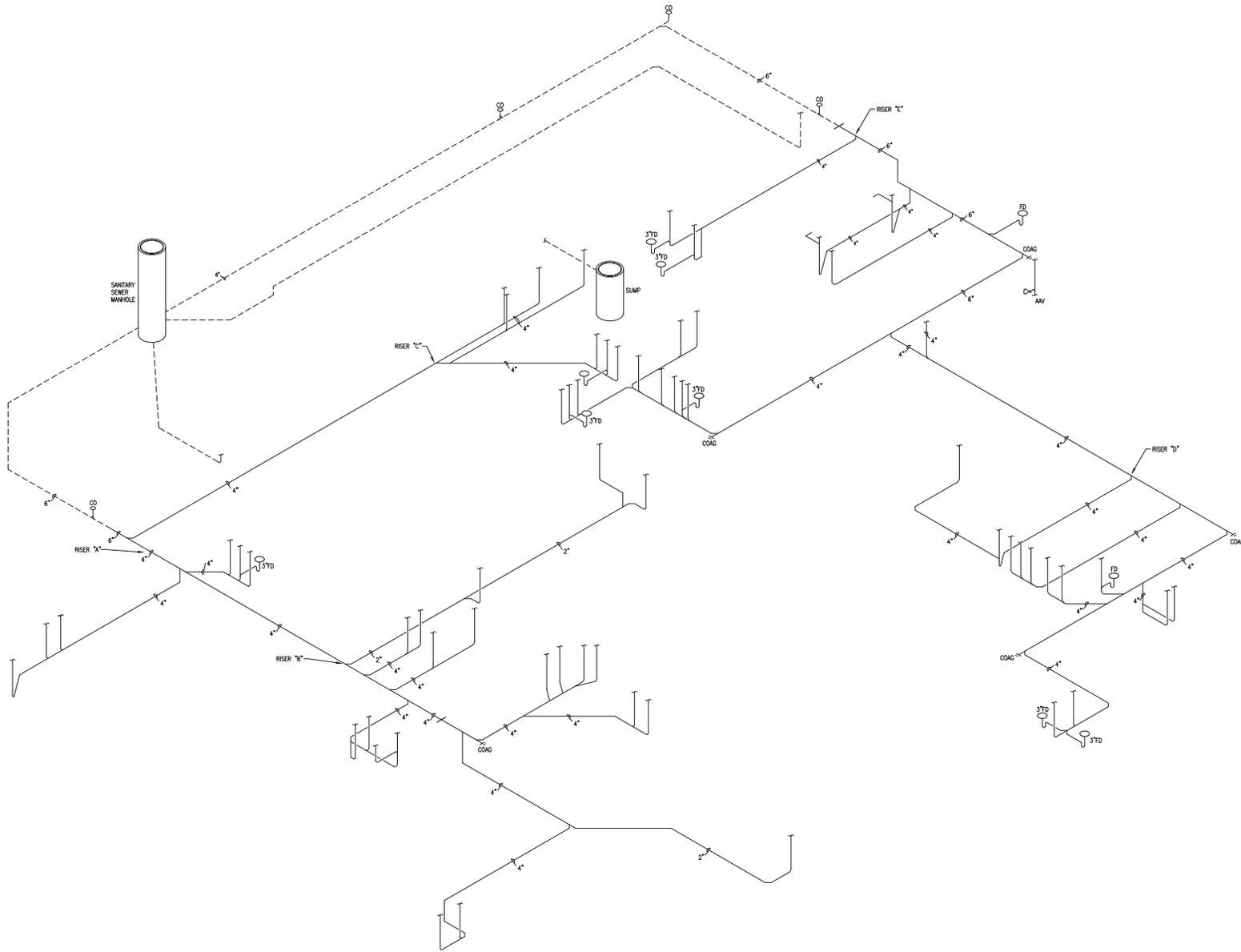
PROJECT: BALDWIN COUNTY COURTHOUSE PLUMBING SYSTEMS UPGRADE
 BAY MINETTE, ALABAMA

REVISIONS:

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H.M. YONGE & ASSOCIATES, INC.
 CONSULTING ENGINEERS // EST. 1968
 51 EAST GREGORY STREET
 PRISACOLA, FLORIDA 32502
 PHONE: (850)434-2861
 253 ST. ANTHONY STREET
 MOBILE, ALABAMA 36603
 PHONE: (251)890-7446



SANITARY WASTE RISER DIAGRAM
SCALE: NONE

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1968

353 EAST GREGORY STREET
PRINCETON, ALABAMA 36903
PHONE: (251)950-7461

SEAL:

REVISIONS:	
NO.	DATE:

PROJECT:
**BALDWIN COUNTY COURTHOUSE
PLUMBING SYSTEMS UPGRADE**
BAY MINETTE, ALABAMA

DRAWING:
**SANITARY WASTE
RISER DIAGRAM**

SHEET NO:
P-2.1

DATE: 06.22.2022
JOB NO: 20-019