

PRINT DATE: 4/24/2026 8:05:26 AM

## GENERAL PLUMBING NOTES

- THE CONTRACTOR SHALL EXECUTE ALL WORK SO THAT IT PROCEEDS WITH A MINIMUM INTERFERENCE WITH OTHER TRADES.
- VERIFY EXACT PLUMBING FIXTURE ROUGH-IN AND FINAL KITCHEN EQUIPMENT AND HVAC EQUIPMENT REQUIREMENTS IN THE FIELD.
- DRAIN, WASTE, AND VENT PIPING SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D 2685' BELOW GRADE. ABOVE GRADE PIPING SHALL BE AS SPECIFIED, NO EXPOSED DRAINS OR PVC PIPING WILL BE ALLOWED IN RETURN AIR PLENUMS. SEE MECHANICAL DRAWINGS AND COORDINATE WITH THE MECHANICAL CONTRACTOR IN THE FIELD.
- DOMESTIC WATER PIPING SHALL BE COPPER ASTM B 88, TYPE K, WITH ANSI B16.18 OR ANSI B16.22 SOLDER JOINT FITTINGS USING SILVER SOLDER AND FLUX CONTAINING NOT MORE THAN 0.2 PERCENT LEAD; OR WITH ANSI B16.26 FLARED JOINT FITTINGS. ASTM B 88, TYPE L MAY BE PROVIDED FOR ABOVEGROUND PIPING. CONTRACTOR MAY PROVIDE PEX PIPING SYSTEM IN LIEU OF COPPER WITH OWNERS WRITTEN APPROVAL. PEX SHALL BE INCREASED ONE PIPE DIAMETER FOR LOSSES THROUGH FITTINGS. UNDERGROUND PIPING SHALL BE PEX.
- ALL GAS PIPING AND FITTINGS ABOVE FINISH FLOOR SHALL BE SCHEDULE 40 STEEL. ALL EXPOSED PIPING SHALL BE GALVANIZED SCHEDULE 40 STEEL. UNDERGROUND SYSTEM SHALL BE FULLY VENTED, PRE-SLEEVED, WITH STAINLESS STEEL TUBING, OMEGAFLEX TRACPIPE PS-II OR APPROVED EQUIVALENT. COAT WITH INDUSTRIAL GRADE PAINT, COORDINATE EXTERIOR COLOR WITH ARCHITECT, INTERIOR COLOR SHALL BE YELLOW.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS TO PLUMBING FIXTURES. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, FURNISHING AND INSTALLING ALL TRAPS, DRAINS, AND SUPPLIES WITH STOPS. FURNISH AND INSTALL PLUMBING FIXTURES INDICATED OR SPECIFIED, COMPLETE WITH ALL EQUIPMENT, FITTINGS, TRIM AND ACCESSORIES INDICATED OR SPECIFIED. EXPOSED WATER PIPING TO FIXTURES SHALL BE CHROME-PLATED BRASS, IPS. ADJUST WATER FLOW THROUGH ALL FIXTURES TO PROVIDE PROPER FLUSHING ACTION WITH THE LEAST AMOUNT OF WATER. FAUCETS SHALL HAVE UNDERDECK AND/OR ESCUTCHEON PLATES, IF REQUIRED, TO STABILIZE FAUCET WITHIN FIXTURE.
- COORDINATE ROUTING OF WATER SUPPLY, WASTE & VENT, AND NATURAL GAS PIPING WITH OTHER TRADES.
- THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER TRADES ALL REQUIRED OPENINGS AND EXCAVATIONS.
- ALL ITEMS PROJECTING THROUGH THE ROOF SHALL BE FLASHED A MINIMUM OF 12" ABOVE THE ROOF. COORDINATE WITH THE GENERAL CONTRACTOR IN THE FIELD.
- ACCESS PANEL: WHERE FITTINGS REQUIRING MAINTENANCE OR ISOLATION VALVES ARE LOCATED INSIDE WALLS OR ABOVE NON-ACCESSIBLE CEILINGS OR SOFFITS (EXAMPLE PLASTER, METAL, OR GYPSUM BOARD), INSTALL AN ALL ALUMINUM CEILING ACCESS DOOR IN CEILING DIRECTLY NEXT TO OR BELOW EACH SUCH FITTING/VALVE. ACCESS DOORS SHALL BE ALL ALUMINUM CONSTRUCTION AND FASTENERS. PROVIDE ACCESS DOORS FACTORY PRIMED FOR PAINTING. FINISH PAINT WITH TWO COATS ENAMEL AFTER INSTALLATION TO MATCH ADJACENT CEILING, SOFFIT, OR WALL.
- FLOOR DRAIN NOTE: DRAINS SHALL BE SET AT LOW POINTS OF FLOOR WITH EVEN FLOOR SLOPE TO DRAIN. THE PLUMBING CONTRACTOR SHALL REVIEW THE FLOOR SLOPES SHOWN ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS, AND SHALL COORDINATE DRAIN ELEVATIONS WITH THE GENERAL CONTRACTOR AND THE SLAB INSTALLER.
- ALL FLOOR DRAINS & FLOOR SINKS NOT RECEIVING SINK FIXTURE DRAINAGE SHALL HAVE A 6" DEEP SEAL AND TRAPS WITH TRAP PRIMERS AS REQUIRED BY CODE. AN ACCESS PANEL MUST BE INSTALLED IF THE TRAP PRIMER FITTING IS LOCATED INSIDE A WALL OR ABOVE A HARD CEILING. COORDINATE OPENINGS WITH ARCHITECT. CONTRACTOR MAY INSTALL WATER CLOSET FLUSH VALVE OR LAVATORY TYPE PRIMER FITTINGS TO SERVE RESTROOM FLOOR DRAINS. INSTALL IN INCONSPICUOUS LOCATIONS. ALL EXPOSED PRIMER PIPING SHALL TURN BACK INTO FINISHED WALL PRIOR TO DRAIN CONNECTION. EXPOSED PIPING PENETRATIONS THRU FINISHED FLOOR SHALL NOT BE ACCEPTABLE. CONTRACTOR TO ENSURE THAT EACH TRAP PRIMER VALVE IS CLEANED AND FREE OF DEBRIS JUST PRIOR TO PROJECT COMPLETION.
- PROVIDE STOPS AND SHOCK ABSORBERS IN ACCORDANCE WITH PDI AND ASSE 1010. AN ACCESS PANEL MUST BE INSTALLED IF WATER HAMMER ARRESTOR IS LOCATED INSIDE A WALL OR ABOVE AN INACCESSIBLE HARD CEILING. COORDINATE OPENINGS WITH ARCHITECT.
- PROVIDE AN ACCESS PANEL IF ISOLATION/SHUTOFF VALVE OR FITTING REQUIRING MAINTENANCE IS LOCATED INSIDE A WALL OR ABOVE AN INACCESSIBLE HARD CEILING. ALL VALVES/SERVICABLE FITTINGS SHALL BE LOCATED WITHIN REACH OF ACCESS DOOR OR LAY-IN CEILING SYSTEM (18" MAX.). COORDINATE OPENINGS WITH ARCHITECT.
- PROVIDE DIELECTRIC UNIONS AT ALL DISSIMILAR METAL CONNECTIONS.
- INSULATE ALL HOT AND COLD WATER PIPING. DOMESTIC COLD WATER PIPE INSULATION SHALL BE 1" THICK. INSULATION FOR DOMESTIC HOT WATER PIPE SMALLER THAN 1-1/2" IN DIAMETER SHALL BE 1" THICK. INSULATION FOR DOMESTIC HOT WATER PIPE 1-1/2" AND LARGER SHALL BE 1-1/2" THICK. INSULATION SHALL BE GLASS FIBER WITH FACTORY APPLIED UNIVERSAL JACKET, AND 4 POUNDS PER CUBIC FOOT DENSITY. FITTINGS SHALL BE INSULATED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. INSULATION VAPOR BARRIER SHALL BE LAPPED AND CEMENTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. INSULATE ALL HOT AND COLD WATER PIPING EXPOSED OUTDOORS AS DESCRIBED FOR HOT WATER PIPING AND PROVIDE WITH AN ALUMINUM JACKET.
- INSULATE DOMESTIC WATER AND WASTE PIPING UNDER HANDICAPPED ACCESSIBLE LAVATORIES AND SINKS USING 'LAVGUARD2 E-Z SERIES' MOLDED VINYL PIPING COVERS. COVER ALL PIPING, FITTING, VALVES, AND TRAPS EXPOSED TO VIEW.
- ROUTE ALL WATER SUPPLY AND GAS PIPING AS HIGH AS POSSIBLE AND SO AS TO CAUSE MINIMAL INTERFERENCE FOR MAINTENANCE OF ALL EQUIPMENT. UNLESS OTHERWISE NOTED, ALL WATER SUPPLY PIPING IS ROUTED ABOVE THE CEILING AND BELOW ATTIC/ROOF INSULATION. PIPING MAY BE ROUTED WITHIN FLOOR JOISTS AS NECESSARY TO ACCOMMODATE OTHER TRADES. COORDINATE WITH THE GENERAL, MECHANICAL AND ELECTRICAL CONTRACTORS IN THE FIELD.
- PIPE HANGERS AND SUPPORTS SHALL BE MSS SP-58 AND MSS SP-69, TYPE 1 OR 6, OF THE ADJUSTABLE TYPE, EXCEPT AS INDICATED OTHERWISE. ATTACHMENTS TO STEEL W OR S BEAMS SHALL BE WITH TYPE 21, 28, 29, OR 30 CLAMPS. ATTACHMENTS TO STEEL ANGLES AND CHANNELS (WITH WEB VERTICAL) SHALL BE WITH TYPE 20 CLAMP WITH A BEAM CLAMP CHANNEL ADAPTER. ATTACHMENTS TO STEEL CHANNEL (WITH WEB HORIZONTAL) SHALL BE WITH DRILLED HOLE ON CENTERLINE AND DOUBLE NUT AND WASHER. ATTACHMENTS TO CONCRETE SHALL BE WITH TYPE 18 INSERT OR A DRILLED HOLE WITH EXPANSION ANCHOR. ATTACHMENTS TO WOOD SHALL BE AS INDICATED. HANGER RODS AND ATTACHMENTS SHALL BE FULL SIZE OF THE HANGER-THREADED DIAMETER. PROVIDE TYPE 40 INSULATION PROTECTION SHIELDS FOR INSULATED PIPING. PROVIDE STEEL SUPPORT RODS. PROVIDE NONMETALLIC, HAIR FELT, OR PLASTIC PIPING ISOLATORS BETWEEN COPPER TUBING AND THE HANGERS.
- PROVIDE SHUTOFF VALVE TO EACH SILLCOCK WITH VALVE IDENTIFICATION AS REQUIRED BY CODE.
- ALL EXPOSED LAVATORY AND SINK P-TRAPS SHALL BE 17-GAGE CAST BRASS.
- CONTRACTOR TO VERIFY ALL LOCATIONS OF ROOF PENETRATIONS WITH ARCHITECTURAL DRAWINGS.
- FIRE-STOP ALL PIPE PENETRATIONS OF FIRE AND SMOKE RATED ENCLOSURES. SEE ARCHITECTURAL DWGS. AND COORDINATE WITH ARCHITECT AND GENERAL CONTRACTOR IN THE FIELD.
- FLOOR DRAINS RECEIVING INDIRECT DRAINAGE SHALL BE PROVIDED WITH RECESSED STRAINERS.
- PROVIDE ANTI-SIPHON DEVICE ON ALL HOSE END CONNECTION FAUCETS AND HOSE BIBBS AND HYDRANTS.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED STATE/LOCAL PLUMBING CODES.
- BEFORE FINAL ACCEPTANCE OF THE WORK, TEST EACH SYSTEM AS IN SERVICE TO DEMONSTRATE COMPLIANCE WITH LATEST EDITION OF THE FLORIDA PLUMBING CODE AND LOCAL REQUIREMENTS. ONCE TESTS ARE IN COMPLIANCE WITH CONTRACT REQUIREMENTS, DISINFECT WATER SYSTEM IN ACCORDANCE WITH AWWA C651.

## PLUMBING LEGEND

|  |                                                                                                                                                                                                                    |         |                                                                                                                                                                                                                                               |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | WASTE PIPING. SIZED AS SHOWN.                                                                                                                                                                                      | FS      | FLOOR SINK WITH FULL GRATE AND BEEHIVE STRAINER. OUTLET SIZE AS SHOWN.                                                                                                                                                                        |
|  | SUMP PUMP DISCHARGE PIPING. SIZED AS SHOWN.                                                                                                                                                                        | FPWH/VB | 3/4" FREEZEPROOF WALL HYDRANT WITH VACUUM BREAKER.                                                                                                                                                                                            |
|  | P-TRAP                                                                                                                                                                                                             | EHW - # | ELECTRIC WATER HEATER. SEE SCHEDULE ON THIS SHEET AND 'ELECTRIC WATER HEATER INSTALLATION DETAIL' ON SHEET P201.                                                                                                                              |
|  | VENT PIPING. SIZED AS SHOWN. SEE SOIL & VENT RISER DIAGRAM ON SHEET P201.                                                                                                                                          | CP - #  | HOT WATER CIRCULATION PUMP. SEE SCHEDULE ON THIS SHEET AND 'ELECTRIC WATER HEATER INSTALLATION DETAIL' ON SHEET P201.                                                                                                                         |
|  | COLD WATER PIPING. SIZED AS SHOWN.                                                                                                                                                                                 | SP - #  | SUMP PUMP. CONTROL AND PUMP SYSTEM FOR THE OPERATION OF PUMPING, ALARMING, AND MONITORING OF ELEVATOR SUMP PITS. STANCOR 'OIL-MINDER' SIMPLEX SYSTEM OR APPROVED EQUIVALENT. SEE SCHEDULE ON THIS SHEET AND 'SUMP PUMP DETAIL' ON SHEET P201. |
|  | HOT WATER PIPING. SIZED AS SHOWN.                                                                                                                                                                                  | WC-#    | WATER CLOSET. SEE 'PLUMBING FIXTURE CONNECTION SCHEDULE' ON SHEET P102.                                                                                                                                                                       |
|  | HOT WATER RETURN PIPING. SIZED AS SHOWN.                                                                                                                                                                           | LV-#    | LAVATORY. SEE 'PLUMBING FIXTURE CONNECTION SCHEDULE' ON SHEET P102.                                                                                                                                                                           |
|  | NATURAL GAS PIPING. SIZED AS SHOWN.                                                                                                                                                                                | DF-#    | DRINKING FOUNTAIN. HIGH-LOW ADA COMPLIANT ELECTRIC WATER COOLER. SEE 'PLUMBING FIXTURE CONNECTION SCHEDULE' ON SHEET P102.                                                                                                                    |
|  | BALL VALVE FOR SHUT-OFF SERVICE                                                                                                                                                                                    | SK-#    | SINK. SEE 'PLUMBING FIXTURE CONNECTION SCHEDULE' ON SHEET P102.                                                                                                                                                                               |
|  | CHECK VALVE                                                                                                                                                                                                        | A.F.F.  | ABOVE FINISHED FLOOR                                                                                                                                                                                                                          |
|  | BALANCING VALVE. TOUR & ANDERSSON MODEL STAD OR APPROVED EQUIVALENT. INSTALL UNION ON EACH SIDE OF VALVE.                                                                                                          | CW      | COLD WATER                                                                                                                                                                                                                                    |
|  | MANUALLY OPERATED GAS SHUTOFF VALVE WITH PERMANENTLY ATTACHED HANDLE PARALLEL TO GAS FLOW WHEN IN THE OPEN POSITION.                                                                                               | DN      | DOWN                                                                                                                                                                                                                                          |
|  | PIPING TURNED UP                                                                                                                                                                                                   | EOD     | EMERGENCY OVERFLOW DRAIN (SECONDARY DRAIN)                                                                                                                                                                                                    |
|  | PIPING TURNED DOWN                                                                                                                                                                                                 | HW      | HOT WATER                                                                                                                                                                                                                                     |
|  | PIPING VERTICAL TEE.                                                                                                                                                                                               | HWR     | HOT WATER RETURN                                                                                                                                                                                                                              |
|  | RAIN LEADER. HORIZONTAL STORM DRAIN PIPING FROM ROOF DRAIN TO VERTICAL STORM DRAIN PIPING.                                                                                                                         | RD      | ROOF DRAIN. ROOF DRAIN AND SECONDARY (EMERGENCY) OVERFLOW DRAIN (EOD) SHALL BE COMBINED INTO ONE UNIT. MIFAB MODEL R1270 OR APPROVED EQUIVALENT. SEE ARCHITECTURAL DRAWINGS.                                                                  |
|  | EMERGENCY LEADER. HORIZONTAL STORM DRAIN PIPING FROM SECONDARY (EMERGENCY) ROOF DRAIN TO VERTICAL STORM DRAIN PIPING.                                                                                              | V       | VENT PIPING                                                                                                                                                                                                                                   |
|  | UNDERGROUND STORM DRAIN PIPING                                                                                                                                                                                     | VTR     | VENT THROUGH ROOF. SIZED AS SHOWN.                                                                                                                                                                                                            |
|  | CLEANOUT                                                                                                                                                                                                           | W       | WASTE/SOIL PIPING                                                                                                                                                                                                                             |
|  | FLOOR CLEANOUT                                                                                                                                                                                                     |         |                                                                                                                                                                                                                                               |
|  | WALL CLEANOUT                                                                                                                                                                                                      |         |                                                                                                                                                                                                                                               |
|  | GRADE LEVEL CLEANOUT. SEE 'GRADE CLEANOUT INSTALLATION DETAIL' ON SHEET P201.                                                                                                                                      |         |                                                                                                                                                                                                                                               |
|  | FLOOR DRAIN. OUTLET SIZE AS SHOWN. FLOOR DRAINS RECEIVING INDIRECT WASTE OR CONDENSATE SHALL BE PROVIDED WITH A RECESSED STRAINER. RECESSED STRAINER SHALL BE 7-1/2" DIAMETER TOP, INSTALLED FLUSH WITH THE FLOOR. |         |                                                                                                                                                                                                                                               |

### ELECTRIC WATER HEATER SCHEDULE

| MARK   | GAL. | ELECTRICAL DATA |       |       |     | REMARKS                                |
|--------|------|-----------------|-------|-------|-----|----------------------------------------|
|        |      | VOLTS           | PHASE | HERTZ | KW  |                                        |
| EW-H-1 | 55   | 208             | 1     | 60    | 5.0 | AO SMITH DEN-52 OR APPROVED EQUIVALENT |

PROVIDE WITH NON-SIMULTANEOUS WIRING

### SUMP PUMP SCHEDULE

| MARK     | DISCHARGE (INCHES) | MAX. FLOW (GPM) | MAX. HEAD (FT) | MOTOR DATA |     | ELECTRICAL DATA |       |    | REMARKS |
|----------|--------------------|-----------------|----------------|------------|-----|-----------------|-------|----|---------|
|          |                    |                 |                | POWER      | RPM | VOLTS           | PHASE | Hz |         |
| SP-1 & 2 | 2                  | 100             | 50             | 1 HP       | -   | 115             | 1     | 60 | ①       |

#### SUMP PUMP NOTES

- ① BASIS OF DESIGN: STANCOR ELEVATOR PIT 'OIL-MINDER' CONTROL SYSTEM WITH SE-100 PUMP AND FLOATS OR APPROVED EQUIVALENT. PUMP AND CONTROL SYSTEM SHALL BE CAPABLE OF PUMPING WATER AND OIL AUTOMATICALLY. PROVIDE FACTORY JUNCTION BOX AND FACTORY MULTI-PIN CONNECTOR. FACTORY CONTROL SYSTEM SHALL HAVE AN AUDIBLE AND VISUAL ALARM TO ALERT OF HIGH LIQUID OR OIL IN THE PIT. INSTALL IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

### CIRCULATION PUMP SCHEDULE

| MARK | SERVICE   | TYPE | PERFORMANCE DATA |                               |                         |                        | ELECTRICAL DATA           |       |       |       | REMARKS |
|------|-----------|------|------------------|-------------------------------|-------------------------|------------------------|---------------------------|-------|-------|-------|---------|
|      |           |      | CAPACITY - GPM   | HEAD - FT<br>H <sub>2</sub> O | MINIMUM<br>EFFICIENCY-% | MAXIMUM<br>SPEED - RPM | APPROXIMATE<br>MOTOR H.P. | VOLTS | PHASE | HERTZ |         |
| CP-1 | HOT WATER | ①    | 3.0              | 9.0                           | -                       | 3250                   | 1/25                      | 120   | 1     | 60    | ②③      |

#### CIRCULATION PUMP NOTES:

- ① CARTRIDGE CIRCULATOR, BRONZE FITTED. FOR POTABLE WATER.      ② INSTALL PUMP AND ALL ACCESSORIES FOR EASY MAINTENANCE ACCESS.      ③ BASIS OF DESIGN - TACO MODEL 007 OR APPROVED EQUIVALENT.

#### PROJECT ISSUES:

|                        |            |
|------------------------|------------|
| CONCEPT SKETCHES       | 2025-05-05 |
| SCHEMATIC DESIGN       | 2026-04-10 |
| REVISED PLAN           | 2026-05-18 |
| DESIGN DEVELOPMENT     | 2026-06-26 |
| CONSTRUCTION DOCUMENTS | 2026-09-15 |

#### PROJECT TEAM:

CIVIL ENGINEER  
CHOCTAW ENGINEERING  
ARCHITECTURAL  
B&A ARCHITECTURAL GROUP  
INTERIOR DESIGNER  
B&A ARCHITECTURAL GROUP  
STRUCTURAL ENGINEER  
AMI CONSULTING LLC  
MECHANICAL  
DAY CONSULTING  
PLUMBING  
DAY CONSULTING  
ELECTRICAL  
JOHNSON ENGINEERING

#### PROJECT: FIRST BAPTIST CHURCH OF FORT WALTON BEACH

#### FORT WALTON BEACH FLORIDA

**-PRELIMINARY -  
NOT FOR  
CONSTRUCTION**

PROJECT NO. : 25034  
SHEET TITLE:

PLUMBING LEGEND,  
NOTES, AND DETAILS

SHEET NUMBER:

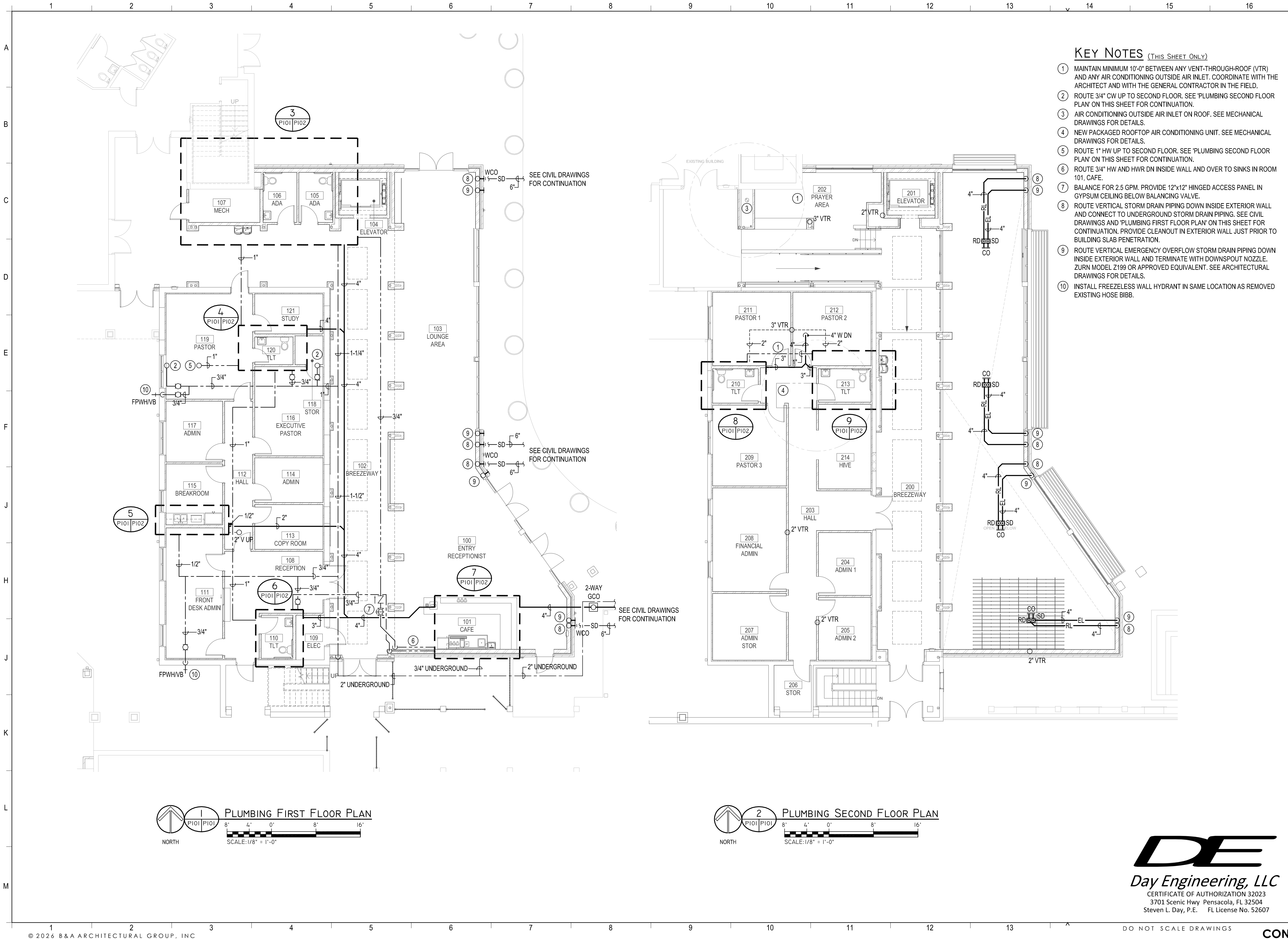
**P001**

**DE**

**Day Engineering, LLC**

CERTIFICATE OF AUTHORIZATION 32023  
3701 Scenic Hwy Pensacola, FL 32504  
Steven L. Day, P.E. FL License No. 52607

PRINT DATE: 4/24/2026 8:05:26 AM



### KEY NOTES (THIS SHEET ONLY)

- 1 MAINTAIN MINIMUM 10'-0" BETWEEN ANY VENT-THROUGH-ROOF (VTR) AND ANY AIR CONDITIONING OUTSIDE AIR INLET. COORDINATE WITH THE ARCHITECT AND WITH THE GENERAL CONTRACTOR IN THE FIELD.
- 2 ROUTE 3/4" CW UP TO SECOND FLOOR. SEE 'PLUMBING SECOND FLOOR PLAN' ON THIS SHEET FOR CONTINUATION.
- 3 AIR CONDITIONING OUTSIDE AIR INLET ON ROOF. SEE MECHANICAL DRAWINGS FOR DETAILS.
- 4 NEW PACKAGED ROOFTOP AIR CONDITIONING UNIT. SEE MECHANICAL DRAWINGS FOR DETAILS.
- 5 ROUTE 1" HW UP TO SECOND FLOOR. SEE 'PLUMBING SECOND FLOOR PLAN' ON THIS SHEET FOR CONTINUATION.
- 6 ROUTE 3/4" HW AND HWR DN INSIDE WALL AND OVER TO SINKS IN ROOM 101, CAFE.
- 7 BALANCE FOR 2.5 GPM. PROVIDE 12"x12" HINGED ACCESS PANEL IN GYPSUM CEILING BELOW BALANCING VALVE.
- 8 ROUTE VERTICAL STORM DRAIN PIPING DOWN INSIDE EXTERIOR WALL AND CONNECT TO UNDERGROUND STORM DRAIN PIPING. SEE CIVIL DRAWINGS AND 'PLUMBING FIRST FLOOR PLAN' ON THIS SHEET FOR CONTINUATION. PROVIDE CLEANOUT IN EXTERIOR WALL JUST PRIOR TO BUILDING SLAB PENETRATION.
- 9 ROUTE VERTICAL EMERGENCY OVERFLOW STORM DRAIN PIPING DOWN INSIDE EXTERIOR WALL AND TERMINATE WITH DOWNSPOUT NOZZLE. ZURN MODEL Z199 OR APPROVED EQUIVALENT. SEE ARCHITECTURAL DRAWINGS FOR DETAILS.
- 10 INSTALL FREEZELESS WALL HYDRANT IN SAME LOCATION AS REMOVED EXISTING HOSE BIBB.



3298 SUMMIT BLVD., SUITE 22G2  
PENSACOLA, FL 32504  
(850) 361-2983  
BAAARCHITECTURALGROUPINC.COM  
License No: AR 97710

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STRUCTURAL ENGINEER  
AMI CONSULTING LLC  
MECHANICAL  
DAY CONSULTING  
PLUMBING  
DAY CONSULTING  
ELECTRICAL  
JOHNSON ENGINEERING

### PROJECT:

**FIRST BAPTIST CHURCH  
OF FORT WALTON  
BEACH**

**FORT WALTON BEACH  
FLORIDA**

**-PRELIMINARY -  
NOT FOR  
CONSTRUCTION**

PROJECT NO. : 25034  
SHEET TITLE:  
PLUMBING OVERALL  
FLOOR PLANS

### SHEET NUMBER:

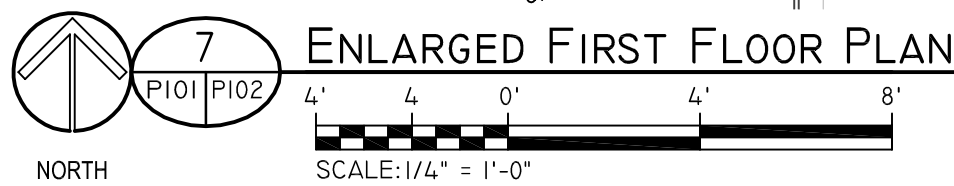
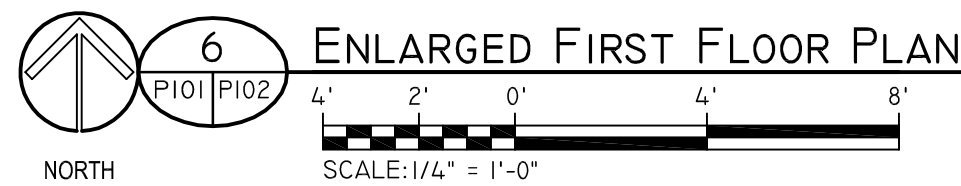
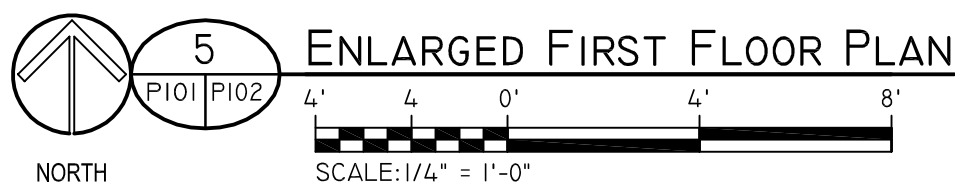
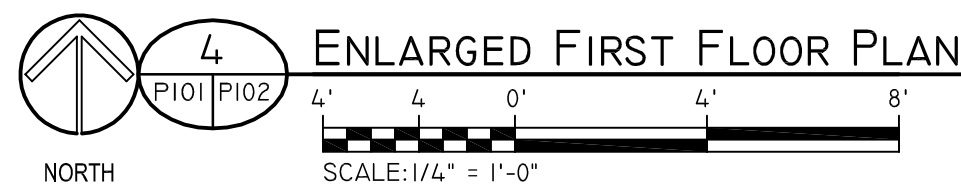
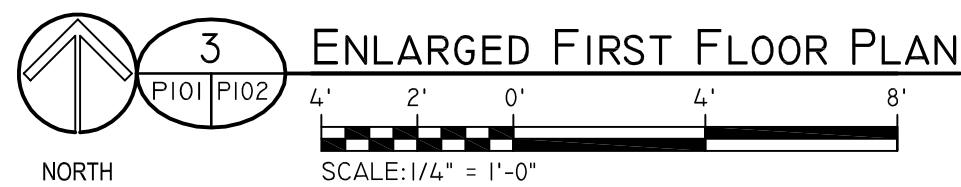
**P101**



CERTIFICATE OF AUTHORIZATION 32023  
3701 Scenic Hwy Pensacola, FL 32504  
Steven L. Day, P.E. FL License No. 52607

DO NOT SCALE DRAWINGS

**CONSTRUCTION DOCUMENTS**



(HC) DENOTES FIXTURE TO BE DESIGNED, MANUFACTURED AND INSTALLED FOR HANDICAPPED ACCESSIBILITY IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE 2023 FLORIDA BUILDING CODE - ACCESSIBILITY. FLUSH CONTROLS FOR WATER CLOSETS SHALL BE LOCATED ON THE OPEN SIDE OF OF THE WATER CLOSET IN COMPLIANCE WITH PARAGRAPH 604.6 OF THE 2023 FLORIDA BUILDING CODE - ACCESSIBILITY.

PROVIDE MANUFACTURERS AND MODEL NUMBERS LISTED ABOVE OR ENGINEER APPROVED EQUIVALENTS IN STRICT ACCORDANCE WITH ARCHITECTURAL INTERIOR AND REST ROOM ELEVATIONS FOR PROPER MOUNTING/FIXTURE HEIGHTS. ALL FIXTURES AND ADDITIONAL COMPONENTS/FITTINGS REQUIRED FOR SPECIFIC HEIGHT INSTALLATION SHALL BE COORDINATED/VERIFIED WITH THE MOST CURRENT ARCHITECTURAL DRAWINGS PRIOR TO ORDERING AND/OR ROUGH-IN.

- ① MAINTAIN MINIMUM 10'-0" BETWEEN ANY VENT-THROUGH-ROOF (VTR) AND ANY AIR CONDITIONING OUTSIDE AIR INLET. COORDINATE WITH THE ARCHITECT AND WITH THE GENERAL CONTRACTOR IN THE FIELD.
- ② CONNECT DOMESTIC WATER TO ANY FOOD SERVICE EQUIPMENT THAT REQUIRES IT. COORDINATE WITH THE ARCHITECT, OWNER, AND WITH THE GENERAL CONTRACTOR IN THE FIELD.
- ③ PROVIDE AN AUTOMATIC TRAP PRIMER WITH LOCKABLE ACCESS PANEL. PROVIDE DISTRIBUTION UNIT AS NECESSARY AND SLOPE 1/2" DISCHARGE TUBING TOWARDS FLOOR DRAIN(S). INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- ④ ROUTE 1/2" CW PIPE AND PROVIDE SHUTOFF VALVE IN WALL VALVE BOX. CONNECT ICE MAKER IN REFRIGERATOR/FREEZER PER MANUFACTURERS RECOMMENDATIONS.
- ⑤ 3/4" CW PIPE UP FROM FIRST FLOOR. SEE 'PLUMBING FIRST FLOOR PLAN' ON SHEET P101 FOR CONTINUATION.
- ⑥ LOCATION FOR AIR CONDITIONING EQUIPMENT AND DUCTWORK. SEE MECHANICAL DRAWINGS FOR DETAILS. COORDINATE ALL PIPE ROUTING WITH THE MECHANICAL AND GENERAL CONTRACTORS IN THE FIELD.
- ⑦ BALANCE FOR 0.5 GPM.
- ⑧ 1" HW UP FROM FIRST FLOOR. SEE 'PLUMBING FIRST FLOOR PLAN' ON THIS SHEET FOR CONTINUATION.
- ⑨ ROUTE 1" HW DN TO FIRST FLOOR. SEE 'PLUMBING FIRST FLOOR PLAN' ON THIS SHEET FOR CONTINUATION.
- ⑩ 1" HW DN FROM SECOND FLOOR. SEE 'PLUMBING SECOND FLOOR PLAN' ON THIS SHEET FOR CONTINUATION.
- ⑪ 3/4" HW AND HWR ROUTED INSIDE WALL.
- ⑫ PROVIDE SHUTOFF VALVE FOR WALL HYDRANT (FPWH/VB) BEHIND LOCKABLE ACCESS PANEL IN WALL.
- ⑬ ELEVATOR PIT SUMP. SEE ARCHITECTURAL DWGS FOR DETAILS. COORDINATE EXACT LOCATION AND SIZE WITH THE ELEVATOR SUPPLIER. SEE 'SUMP PUMP DETAIL' ON SHEET P201.
- ⑭ BRING SUMP PUMP DISCHARGE PIPING UP ABOVE SLAB AND THEN DOWN TO SPILL INTO FLOOR SINK.
- ⑮ CONTROL SYSTEM WITH ALARMS. COORDINATE EXACT LOCATION WITH THE ELEVATOR EQUIPMENT SUPPLIER. SEE 'SUMP PUMP DETAIL' ON SHEET P201.
- ⑯ UNDERGROUND CABLES CONNECTING SUMP FACTORY-CONTROL SYSTEM TO PUMP. BRING UP INSIDE WALL AND ROUTE ABOVE/NEAR MECHANICAL ROOM CEILING AND CONNECT PER MANUFACTURER'S RECOMMENDATIONS.

License No: AR 97710

|                           |            |
|---------------------------|------------|
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CIVIL ENGINEER  
CHOCTAW ENGINEERING  
ARCHITECTURAL  
B&A ARCHITECTURAL GROUP  
INTERIOR DESIGNER  
B&A ARCHITECTURAL GROUP  
STRUCTURAL ENGINEER  
AMI CONSULTING LLC  
MECHANICAL  
DAY CONSULTING  
PLUMBING  
DAY CONSULTING  
ELECTRICAL  
JOHNSON ENGINEERING

PROJECT:  
**FIRST BAPTIST CHURCH  
OF FORT WALTON  
BEACH**

**FORT WALTON BEACH  
FLORIDA**

**-PRELIMINARY -  
NOT FOR  
CONSTRUCTION**

PROJECT NO. : 25034  
SHEET TITLE:

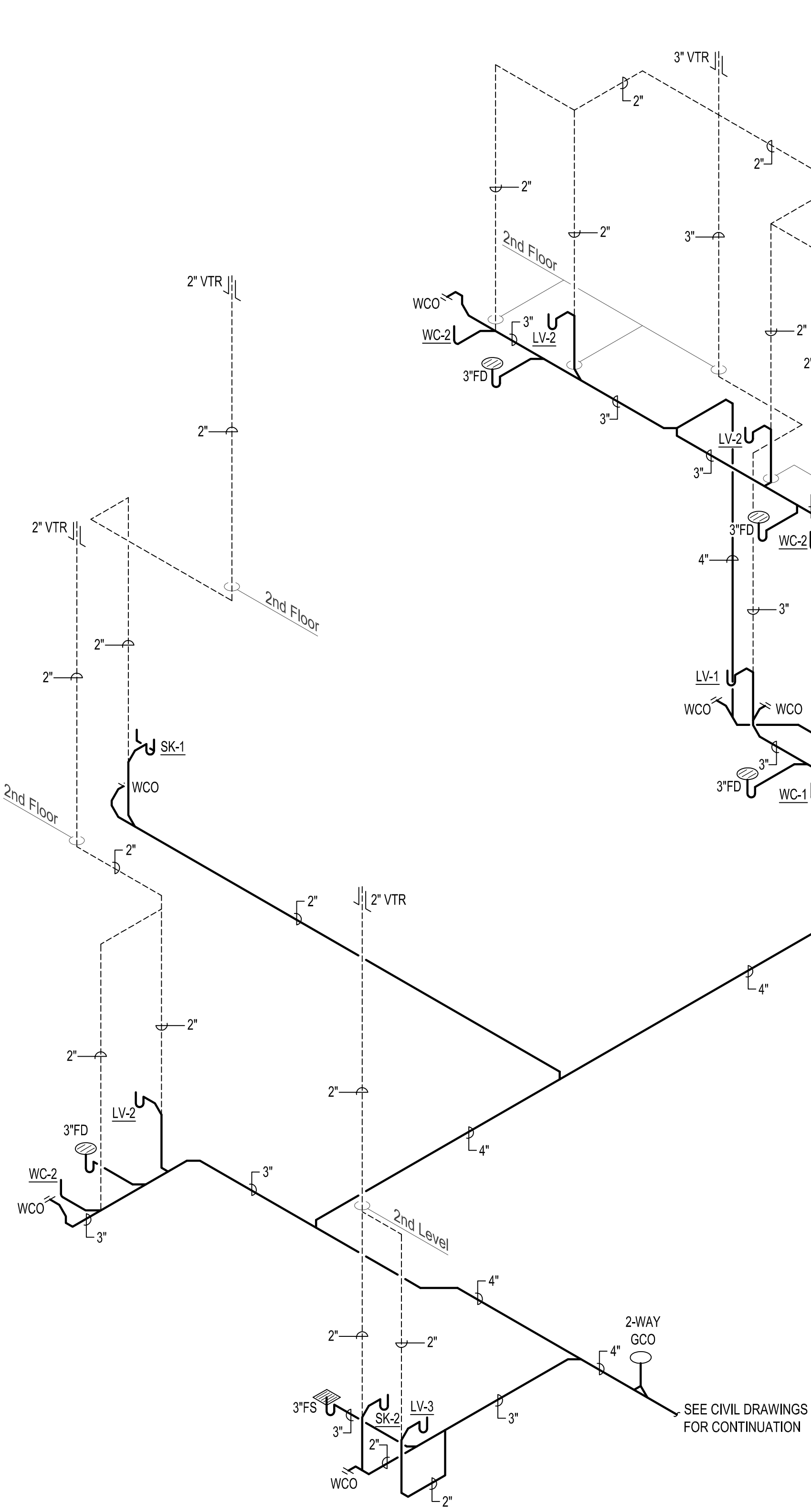
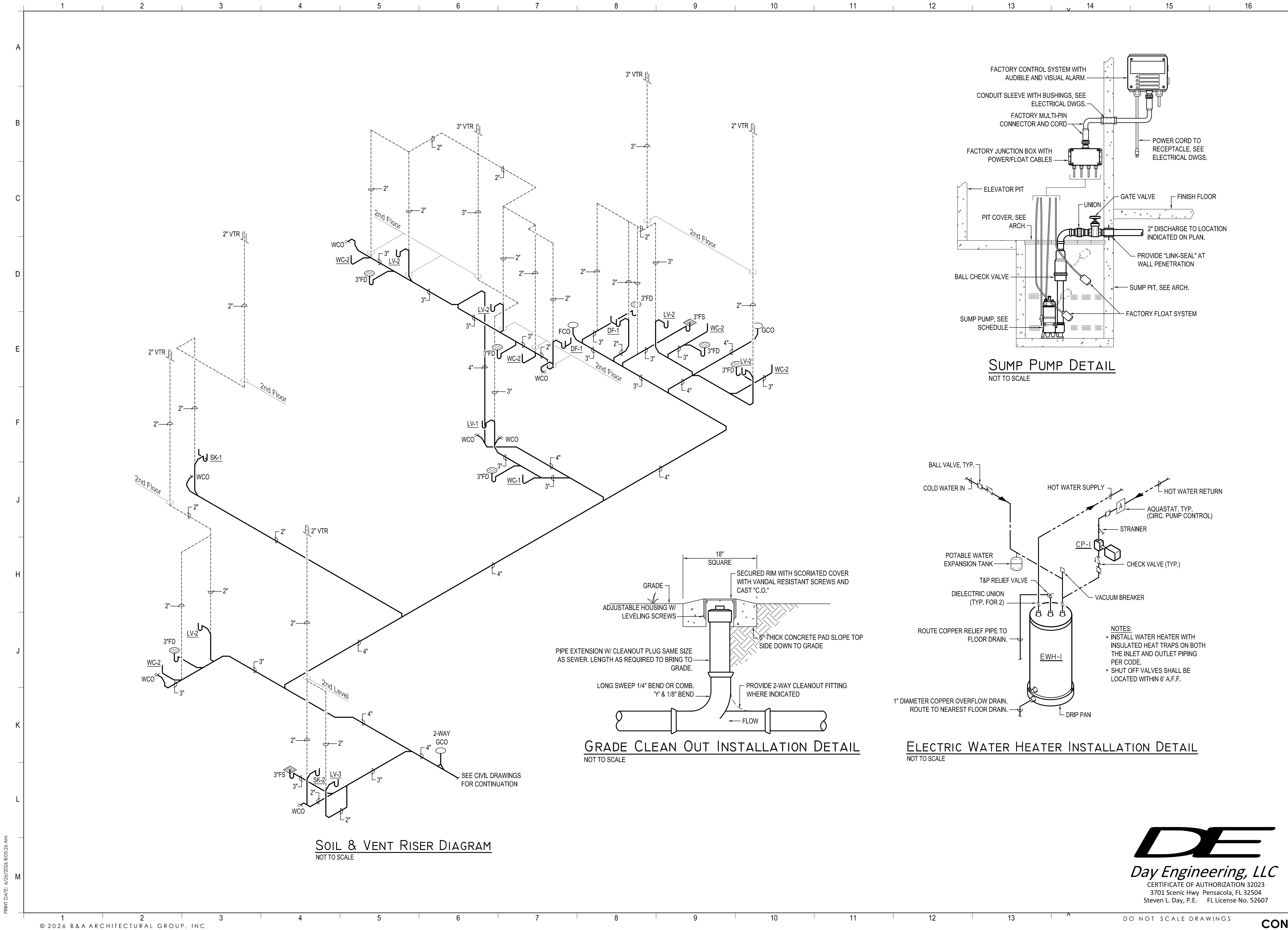
PLUMBING ENLARGED  
PLANS AND SCHEDULES

SHEET NUMBER:

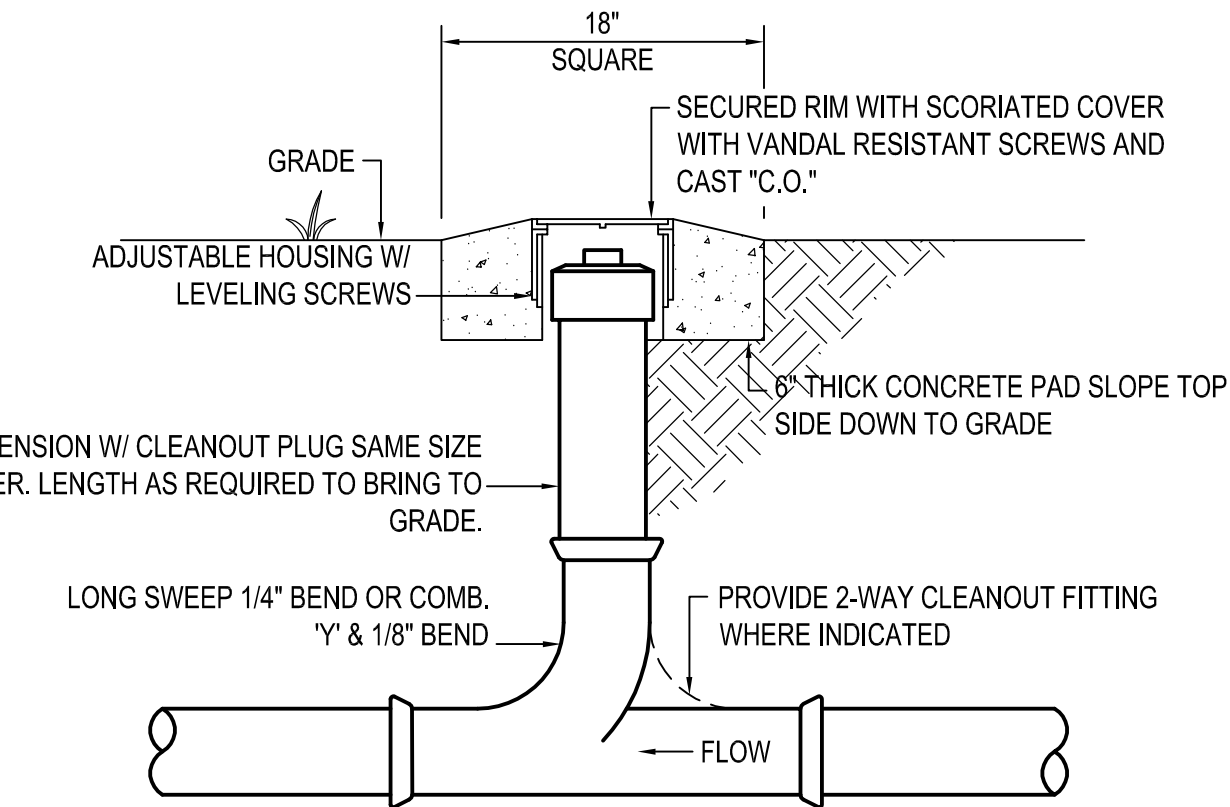
# P102

## CONSTRUCTION DOCUMENTS

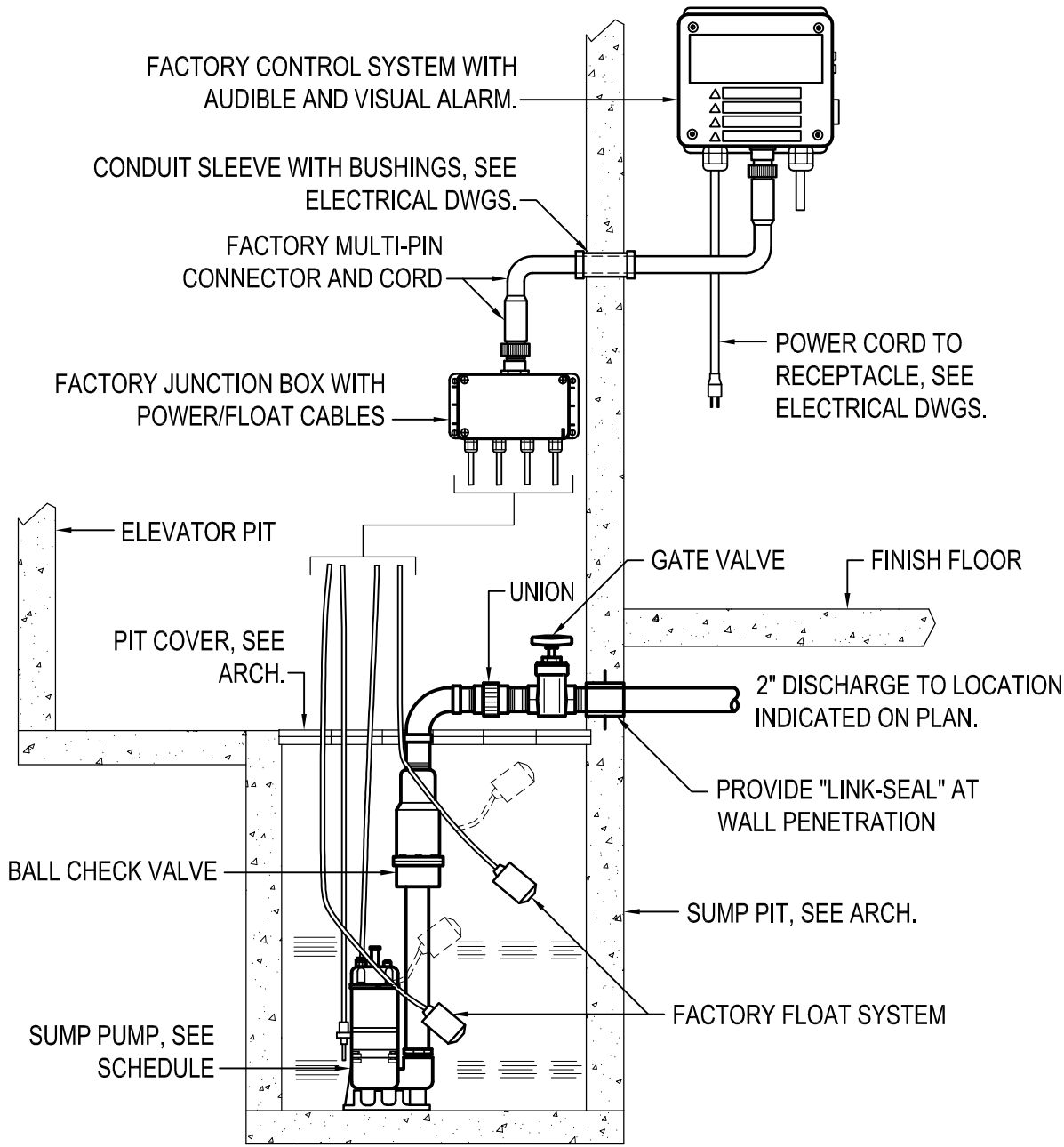
**DE**  
**Day Engineering, LLC**  
CERTIFICATE OF AUTHORIZATION 32023  
3701 Scenic Hwy Pensacola, FL 32504  
Steven L. Day, P.E. FL License No. 52607



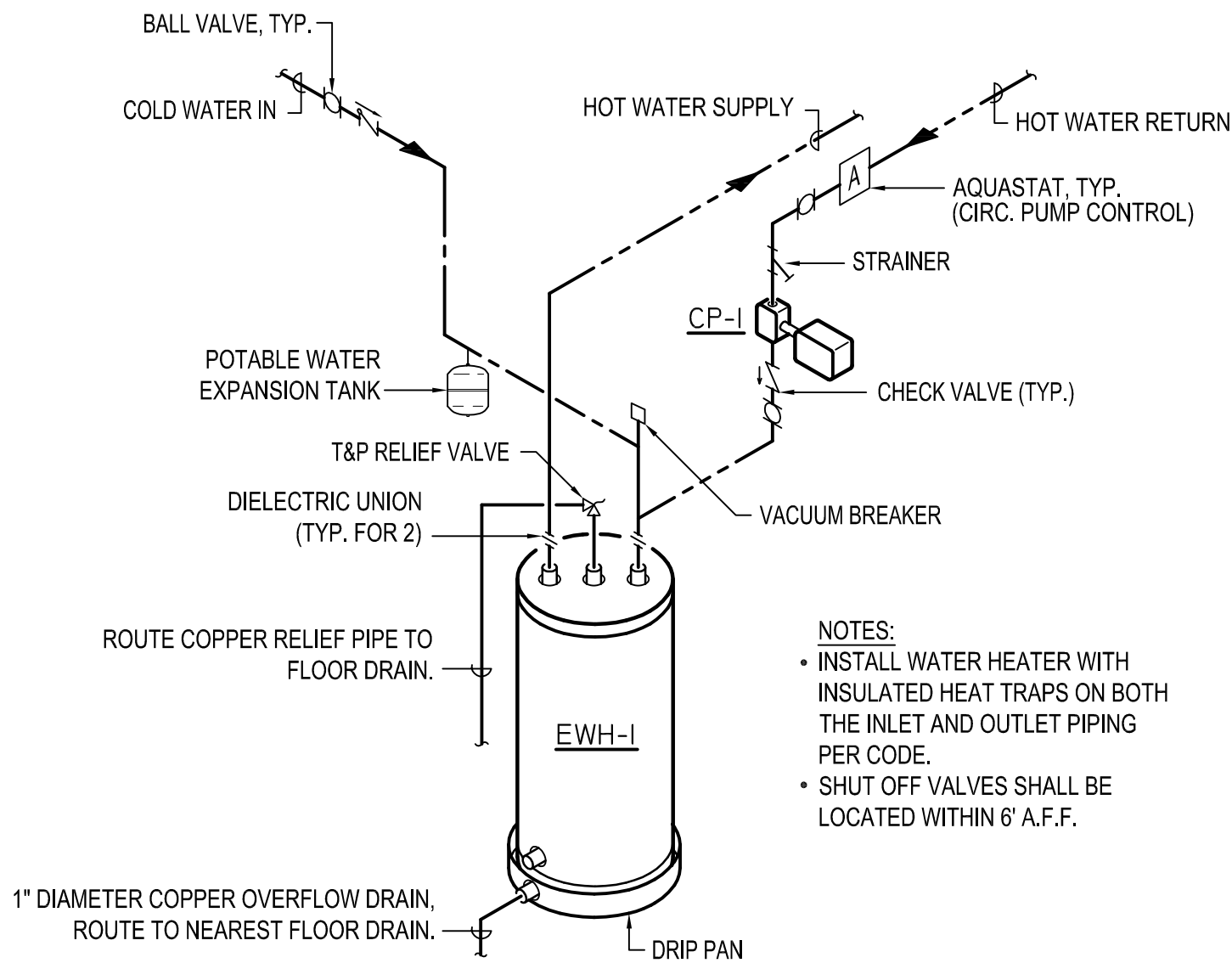
SOIL & VENT RISER DIAGRAM  
NOT TO SCALE



GRADE CLEAN OUT INSTALLATION DETAIL  
NOT TO SCALE



SUMP PUMP DETAIL  
NOT TO SCALE



ELECTRIC WATER HEATER INSTALLATION DETAIL  
NOT TO SCALE

| PROJECT ISSUES:        |            |
|------------------------|------------|
| CONCEPT SKETCHES       | 2025-05-05 |
| SCHEMATIC DESIGN       | 2026-04-10 |
| REVISED PLAN           | 2026-05-18 |
| DESIGN DEVELOPMENT     | 2026-06-26 |
| CONSTRUCTION DOCUMENTS | 2026-09-15 |

| PROJECT TEAM:       |                         |
|---------------------|-------------------------|
| CIVIL ENGINEER      | CHOCTAW ENGINEERING     |
| ARCHITECTURAL       | B&A ARCHITECTURAL GROUP |
| INTERIOR DESIGNER   | B&A ARCHITECTURAL GROUP |
| STRUCTURAL ENGINEER | AMI CONSULTING LLC      |
| MECHANICAL          | DAY CONSULTING          |
| PLUMBING            | DAY CONSULTING          |
| ELECTRICAL          | JOHNSON ENGINEERING     |

PROJECT:  
**FIRST BAPTIST CHURCH  
OF FORT WALTON  
BEACH**

**FORT WALTON BEACH  
FLORIDA**

**-PRELIMINARY -  
NOT FOR  
CONSTRUCTION**

PROJECT NO. : 25034  
SHEET TITLE:  
PLUMBING RISER

SHEET NUMBER:  
**P201**

|                        |            |
|------------------------|------------|
| CONCEPT SKETCHES       | 2025-05-05 |
| SCHEMATIC DESIGN       | 2026-04-10 |
| REVISED PLAN           | 2026-05-18 |
| DESIGN DEVELOPMENT     | 2026-06-26 |
| CONSTRUCTION DOCUMENTS | 2026-09-15 |

CIVIL ENGINEER  
CHOCTAW ENGINEERING  
ARCHITECTURAL  
B&A ARCHITECTURAL GROUP  
INTERIOR DESIGNER  
B&A ARCHITECTURAL GROUP  
STRUCTURAL ENGINEER  
AMI CONSULTING LLC  
MECHANICAL  
DAY CONSULTING  
PLUMBING  
DAY CONSULTING  
ELECTRICAL  
JOHNSON ENGINEERING

**FORT WALTON BEACH  
FLORIDA**

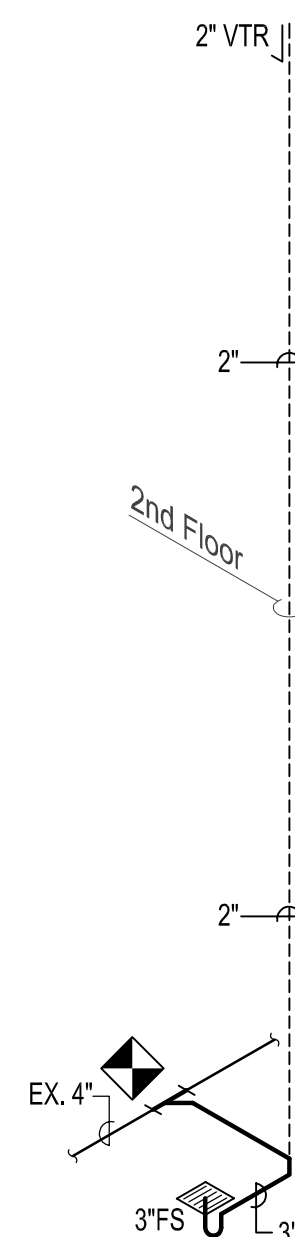
**-PRELIMINARY-  
NOT FOR  
CONSTRUCTION**

BUILDING E  
ELEVATOR SUMP PUMP

# P301

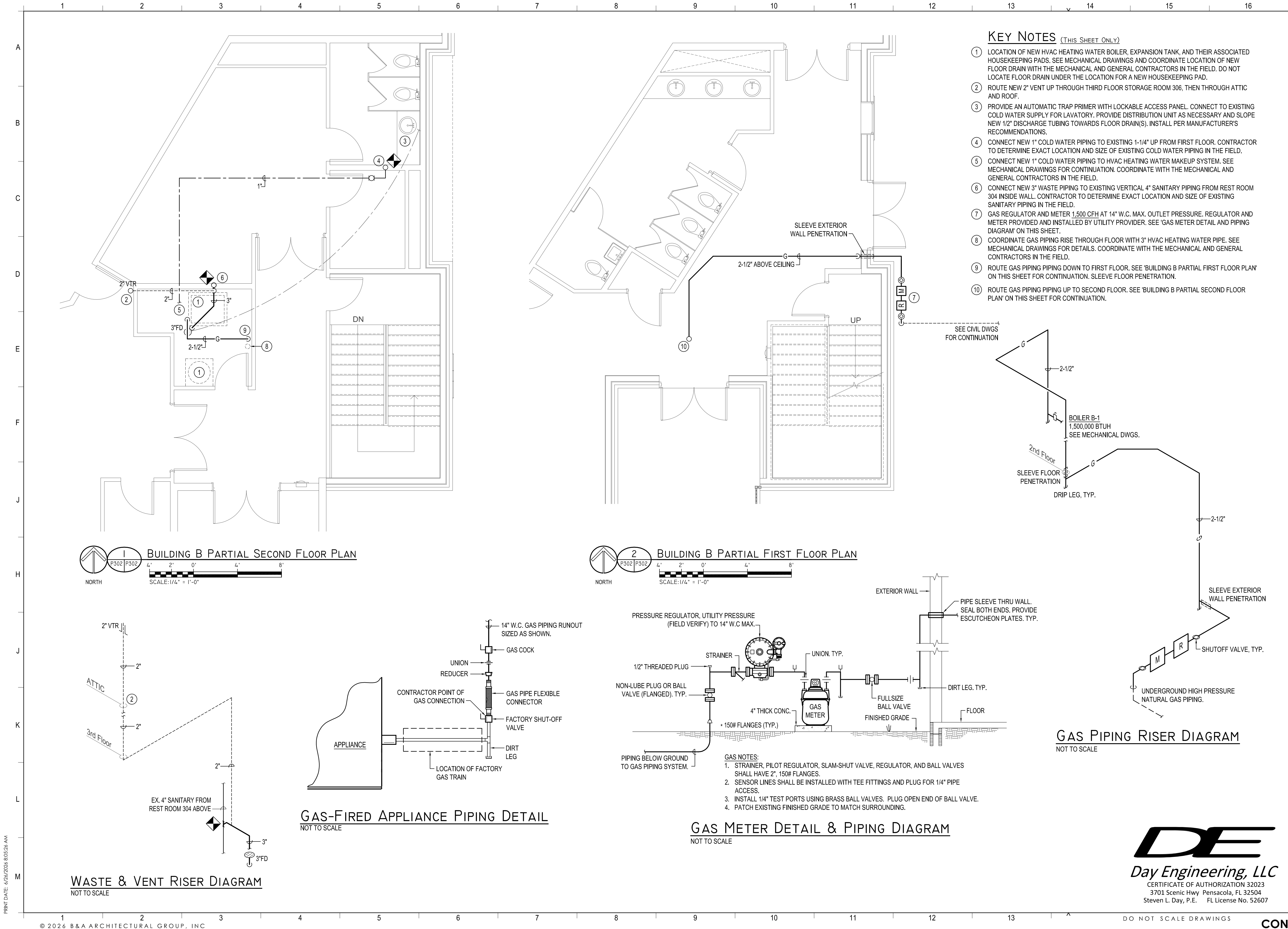
**DE**  
*Day Engineering, LLC*  
CERTIFICATE OF AUTHORIZATION 32023  
3701 Scenic Hwy Pensacola, FL 32504  
Steven L. Day, P.E. FL License No. 52607

DO NOT SCALE DRAWINGS



- ① ELEVATOR PIT SUMP. SEE ARCHITECTURAL DWGS FOR DETAILS. COORDINATE EXACT LOCATION AND SIZE WITH THE ELEVATOR SUPPLIER. SEE 'SUMP PUMP DETAIL' ON SHEET P201
- ② ROUTE SUMP PUMP DISCHARGE PIPING DOWN TO SPILL INTO FLOOR SINK.
- ③ CONTROL SYSTEM WITH ALARMS. COORDINATE EXACT LOCATION WITH THE ELEVATOR EQUIPMENT SUPPLIER. SEE 'SUMP PUMP DETAIL' ON SHEET P201.
- ④ ABOVE CEILING CABLES CONNECTING SUMP FACTORY-CONTROL SYSTEM TO SUMP. BRING DOWN INSIDE JANITOR'S CLOSET AND CONNECT PER MANUFACTURER'S RECOMMENDATIONS.
- ⑤ SAW-CUT EXISTING CONCRETE SLAB AS NECESSARY AND CONNECT NEW FLOOR SINK TO EXISTING 4" UNDERGROUND SANITARY. CONTRACTOR TO DETERMINE EXISTING LOCATION AND DIRECTION OF FLOW IN THE FIELD.
- ⑥ ROUTE NEW 2" VENT PIPING UP THROUGH SECOND FLOOR MECHANICAL ROOM AND THROUGH ROOF. COORDINATE FLASHING AND ROOF REPAIR WITH THE GENERAL CONTRACTOR IN THE FIELD.

NOT TO SCALE



PROJECT ISSUES:

|                        |            |
|------------------------|------------|
| CONCEPT SKETCHES       | 2025-05-05 |
| SCHEMATIC DESIGN       | 2026-04-10 |
| REVISED PLAN           | 2026-05-18 |
| DESIGN DEVELOPMENT     | 2026-06-26 |
| CONSTRUCTION DOCUMENTS | 2026-09-15 |

PROJECT TEAM:

|                     |                         |
|---------------------|-------------------------|
| CIVIL ENGINEER      | CHOCTAW ENGINEERING     |
| ARCHITECTURAL       | B&A ARCHITECTURAL GROUP |
| INTERIOR DESIGNER   | B&A ARCHITECTURAL GROUP |
| STRUCTURAL ENGINEER | AMI CONSULTING LLC      |
| MECHANICAL          | DAY CONSULTING          |
| PLUMBING            | DAY CONSULTING          |
| ELECTRICAL          | JOHNSON ENGINEERING     |

PROJECT:  
FIRST BAPTIST CHURCH  
OF FORT WALTON  
BEACH

FORT WALTON BEACH  
FLORIDA

**-PRELIMINARY -  
NOT FOR  
CONSTRUCTION**

PROJECT NO. : 25034  
SHEET TITLE:

BUILDING B  
NEW BOILER ROOM

SHEET NUMBER:

**P302**