

**HIGH CAPACITY ELECTRIC STORAGE WATER HEATERS**

DESIGNATION		WH-4.1
STORAGE	GAL	119
HEATING ELEMENT INPUT	MW	6.0
NUMBER OF ELEMENTS	#	9
SIMULTANEOUS OPERATION OF ELEMENTS		YES
TOTAL HEATING INPUT	MW	54.0
ENTERING WATER TEMPERATURE	°F	60
LEAVING WATER TEMPERATURE	°F	140
TEMPERATURE RISE	°F	80
RECOVERY RATE	GPH	277
ELECTRICAL CHARACTERISTICS	V / PH	480 / 3
MANUFACTURER		A.O. SMITH
MODEL NUMBER		DVE-120A-54
NOTES:		
1	PROVIDE LOW WATER CUT-OFF	
2	PROVIDE ASME TANK	

**GENERAL NOTES**

- DRAWINGS ARE DIAGRAMMATIC, INDICATIVE OF WORK TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT.
- FIELD VERIFY DIMENSIONS AND CONDITIONS. IF THE CONTRACTOR IS UNABLE TO INTERPRET THE CONTRACT DOCUMENTS, HE IS RESPONSIBLE TO REQUEST CLARIFICATION IN WRITING TO THE ARCHITECT. IF HE PROCEEDS WITH ANY WORK BEFORE OBTAINING CLARIFICATION, HE SHALL BE HELD RESPONSIBLE FOR DEFICIENCIES ASSOCIATED THEREWITH.
- BEFORE SUBMITTING FOR THE WORK, EACH BIDDER WILL BE RESPONSIBLE TO EXAMINE THE PREMISES AND SATISFY HIMSELF AS TO THE EXISTING CONDITIONS UNDER WHICH HE WILL BE OBLIGATED TO OPERATE AND COMPLETE THE WORK UNDER THIS CONTRACT. NO ALLOWANCE WILL SUBSEQUENTLY BE MADE IN THIS CONNECTION ON BEHALF OF THE CONTRACTOR FOR ANY ERROR OR OMISSION ON HIS PART.
- THE CONTRACTOR SHALL PAY FOR INSPECTION PERMITS, CERTIFICATES, CONNECTION FEES, SYSTEM DEMAND CHARGES AND LICENSE FEES IN CONNECTION WITH HIS WORK.
- CONSTRUCTION MANAGER SHALL BE RESPONSIBLE FOR COORDINATING WORK OF SUBCONTRACTORS TO AVOID INTERFERENCES.
- WORK SHALL COMPLY WITH APPLICABLE O.S.H.A. AND E.P.A. REGULATIONS AND GUIDELINES.
- ERECT AND MAINTAIN REASONABLE PRECAUTIONS FOR SAFETY AND HEALTH INCLUDING POSTING DANGER SIGNS AND OTHER WARNINGS AGAINST HAZARDS INCLUDING PROMULGATING SAFETY REGULATIONS, PROVIDE SAFETY PRECAUTIONS AND BARRICADES FOR PEDESTRIANS AT CONSTRUCTION VEHICLE ACCESS AND EGRESS LOCATIONS.
- COORDINATE AND SEQUENCE DEMOLITION, CLEANING AND CONSTRUCTION WORK. SUBMIT A COMPLETELY DETAILED CONSTRUCTION SCHEDULE PRIOR TO PRE-CONSTRUCTION CONFERENCE.
- THE CONTRACTOR SHALL STRICTLY BE HELD TO THE PROJECT SCHEDULE. HE SHALL PROVIDE SUFFICIENT MANPOWER AND EQUIPMENT TO FULLY MOBILIZE, PROCEED WITH AND COMPLETE THE WORK.
- THE CONTRACTOR SHALL BE RESTRICTED TO AREAS SPECIFIED BY THE OWNER FOR ON-SITE STORAGE OF CONSTRUCTION MATERIALS. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND SECURITY OF EQUIPMENT AND MATERIALS.
- THE CONTRACTOR SHALL MAINTAIN A CLEAN WORK ENVIRONMENT AT ALL TIMES AND SHALL CLEAN CONSTRUCTION SITE OF DEBRIS AT COMPLETION OF THE JOB AND BEFORE FINAL PAYMENT IS MADE.
- THE CONTRACTOR SHALL FURNISH "AS-BUILT" DRAWINGS TO THE ENGINEER AT COMPLETION OF CONSTRUCTION.
- CONTRACTOR'S USE OF AN APPROVAL STAMP ON DOCUMENTS SUBMITTED AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS CERTIFIES THAT THE CONTRACTOR HAS COMPLIED WITH THE CONTRACT DOCUMENT REQUIREMENTS RELATED TO "SHOP DRAWINGS, PRODUCT DATA AND SAMPLES".
- THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ENGINEER'S APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ENGINEER IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND THE ENGINEER HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY THE ENGINEER'S APPROVAL THEREOF.
- NOTE ANY SPECIAL REQUIREMENTS INVOLVED IN INSTALLING THE EQUIPMENT IN THE BUILDING DISMANTLING AND REASSEMBLING OF ANY EQUIPMENT SHALL BE DONE AS REQUIRED FOR ENTRY INTO THE BUILDING AND EQUIPMENT ROOMS.
- PROTECT THE ROOF FROM DAMAGE WHENEVER ANY WORK ON THE ROOF IS REQUIRED.
- SUPPORTS AND HANGERS SHALL PRESENT A NEAT, ORDERLY APPEARANCE.
- ROOF MOUNTED EQUIPMENT SHALL BE SECURED TO STRUCTURE TO RESIST A 130 MPH WIND LOAD.
- CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL FIRE, SMOKE, AND ACOUSTICAL WALL ASSEMBLIES.
- CONTRACTOR SHALL GUARANTEE THE WORK AND MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE. THIS GUARANTEE SHALL BE IN ADDITION TO THE WARRANTIES PROVIDED BY MATERIAL SUPPLIERS AND MANUFACTURERS.
- THE BUILDING WILL REMAIN OCCUPIED DURING CONSTRUCTION. THE OWNER WILL MAKE REASONABLE EFFORTS TO ASSIST THE CONTRACTOR IN COMPLETING THE WORK. COORDINATE WORK WITH THE OWNER'S DESIGNATED REPRESENTATIVE.
- EXIT WAYS SHALL BE KEPT CLEAR. IF AN EXIT MUST BE TEMPORARILY BLOCKED, PROVIDE THE REQUIRED BARRICADE AND DIRECTIONAL SIGNS FOR TEMPORARY EXITING AND SAFETY.
- REMOVE AND REPAIR OR RE-INSTALL EXISTING CEILING ASSEMBLIES AS REQUIRED. REPLACE ANY ASSEMBLIES DAMAGED OR SOILED DURING CONSTRUCTION.
- SEAL HOLES IN WALLS, CEILINGS, FLOORS, ETC. TO MATCH EXISTING ADJACENT SURFACES WHERE EQUIPMENT, CONDUIT AND/OR PIPING ARE REMOVED.
- EXISTING EQUIPMENT IS THE PROPERTY OF THE OWNER AND SHALL BE DISPOSED OF AS DIRECTED BY THE OWNER. DISPOSE OF ALL MATERIALS AND EQUIPMENT SHOWN TO BE REMOVED IN ACCORDANCE WITH LOCAL REGULATIONS.
- REPLACE SIDEWALKS OR PAVEMENT DAMAGED BY OR DURING CONSTRUCTION OF THIS PROJECT.
- REMOVE ALL SHRUBBERY, PLANTS, ETC. WHICH INTERFERE WITH WORK UNDER THIS CONTRACT. REPLANT AND/OR REPLACE ALL PLANTS, SHRUBBERY, ETC. AT COMPLETION OF JOB. ALL DISTURBED AREAS OF SOIL SHALL BE RESODODED. REPLACEMENT OF REPLANTING TO BE GUARANTEED FOR ONE YEAR.
- ITEMS REMOVED AND SAVED FOR REUSE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR SHALL IDENTIFY ANY DEFECTIVE MATERIALS PRIOR TO DEMOLITION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO MATERIALS AT PROJECT COMPLETION NOT IDENTIFIED PRIOR TO DEMOLITION.
- RELOCATE, AS REQUIRED, ANY EXISTING WIRE AND CONDUIT WHICH INTERFERES WITH INSTALLATION OF THE NEW WORK.
- REMOVE ELECTRICAL EQUIPMENT (CONDUIT, POWER & CONTROL WIRING, DISCONNECT SWITCHES, STARTERS, ETC.) RELATED TO EQUIPMENT BEING REMOVED OR REPLACED.
- CONTRACTOR SHALL COMPLY WITH "TRENCH SAFETY ACT" (FLORIDA STATUTE 553 PART III) AND OSHA STANDARD 29 CFR 1926.650 SUBPART P FOR ALL UTILITY TRENCHES IN EXCESS OF 5 FEET DEEP. CONTRACTOR SHALL INDICATE WITHIN HIS BID RESPONSE A REFERENCE TO THE TRENCH SAFETY STANDARD AND A SEPARATE LINE ITEM COST OF COMPLIANCE WITH STANDARD.

**PLUMBING NOTES**

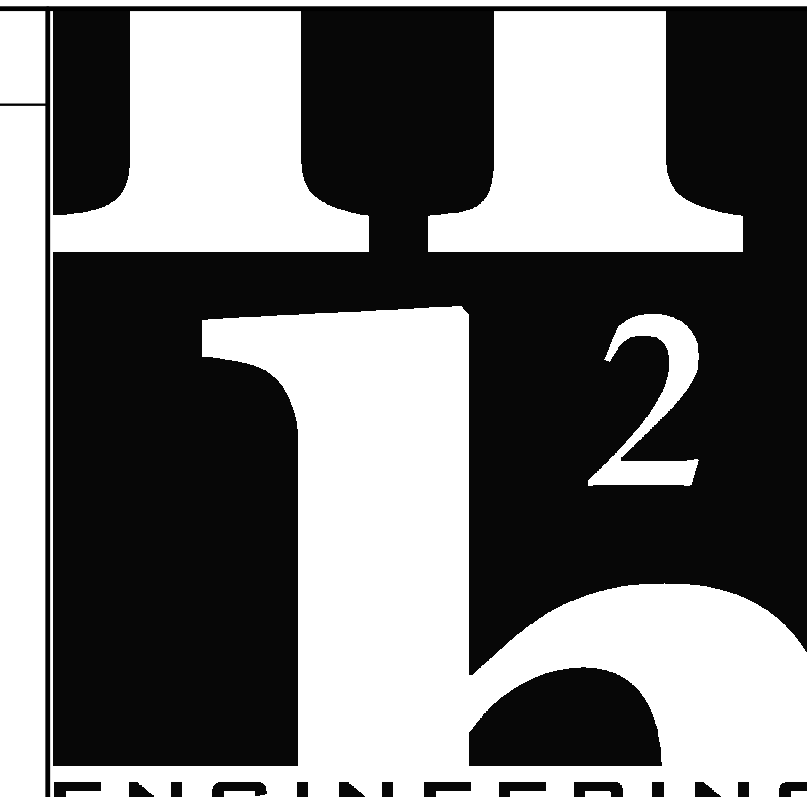
- INSTALL ALL WORK IN ACCORDANCE WITH THE FLORIDA PLUMBING CODE AND LOCAL PLUMBING CODES. WHERE CONFLICTS OCCUR BETWEEN CODES AND BETWEEN THE CONSTRUCTION DOCUMENTS AND CODES, THE MOST RESTRICTIVE REQUIREMENTS SHALL GOVERN.
- PRESSURE TEST ALL WATER PIPING SYSTEMS AT 150% OF NORMAL WORKING PRESSURE.
- ALL COPPER PRESSURE PIPE SHALL BE SOLDERED ENTIRELY WITH LEAD-FREE SOLDER.
- INSTALLATION OF EQUIPMENT AND PIPING SHALL PROVIDE CONVENIENT ACCESS FOR MAINTENANCE.

**SCOPE NOTE**

- REFERENCE ENLARGED PLANS SHEETS M2.1 THRU M2.7 FOR FLOOR DRAIN SCOPE.

**DRAWING INDEX**

P0.1	GENERAL NOTES, SCHEDULES & FLOOR PLANS
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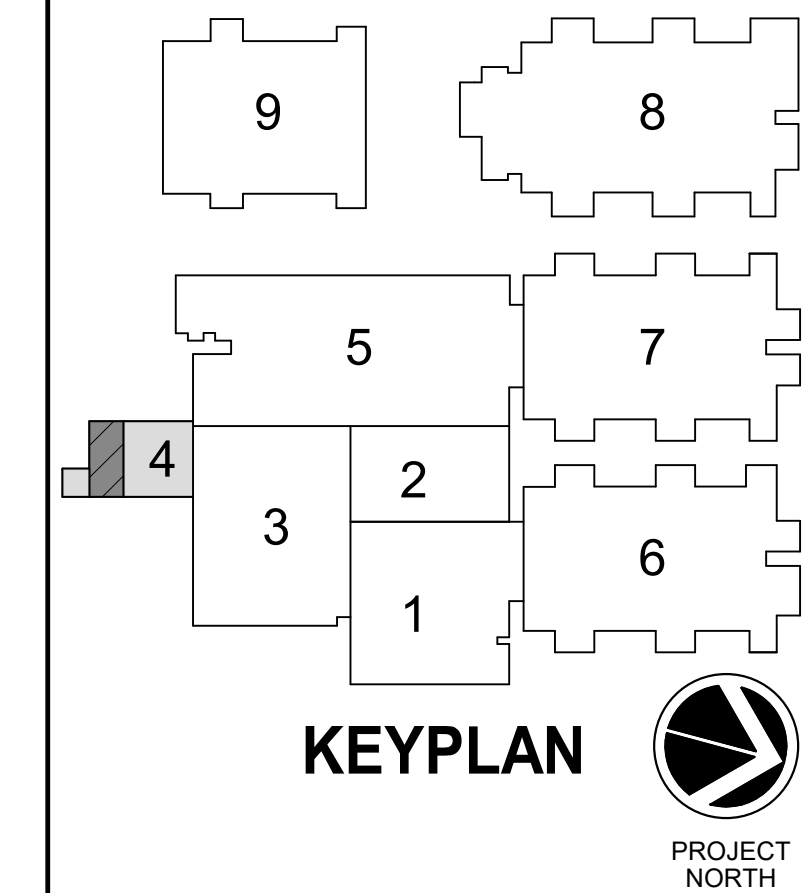


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Florida Registry #2485  
 Mark P. Poindexter, P.E. #90615

**RECEIVED**  
**ALLSTATE CONSTRUCTION**  
 08-16-2024  
 SEAL



**WCSB SHADEVILLE ELEMENTARY SCHOOL HVAC UPGRADES**

WCSB PROJECT #22/23-04  
**SHADEVILLE ELEMENTARY SCHOOL**  
 45 WARRIOR WAY,  
 CRAWFORDVILLE, FL 32327

**SUBMITTAL**

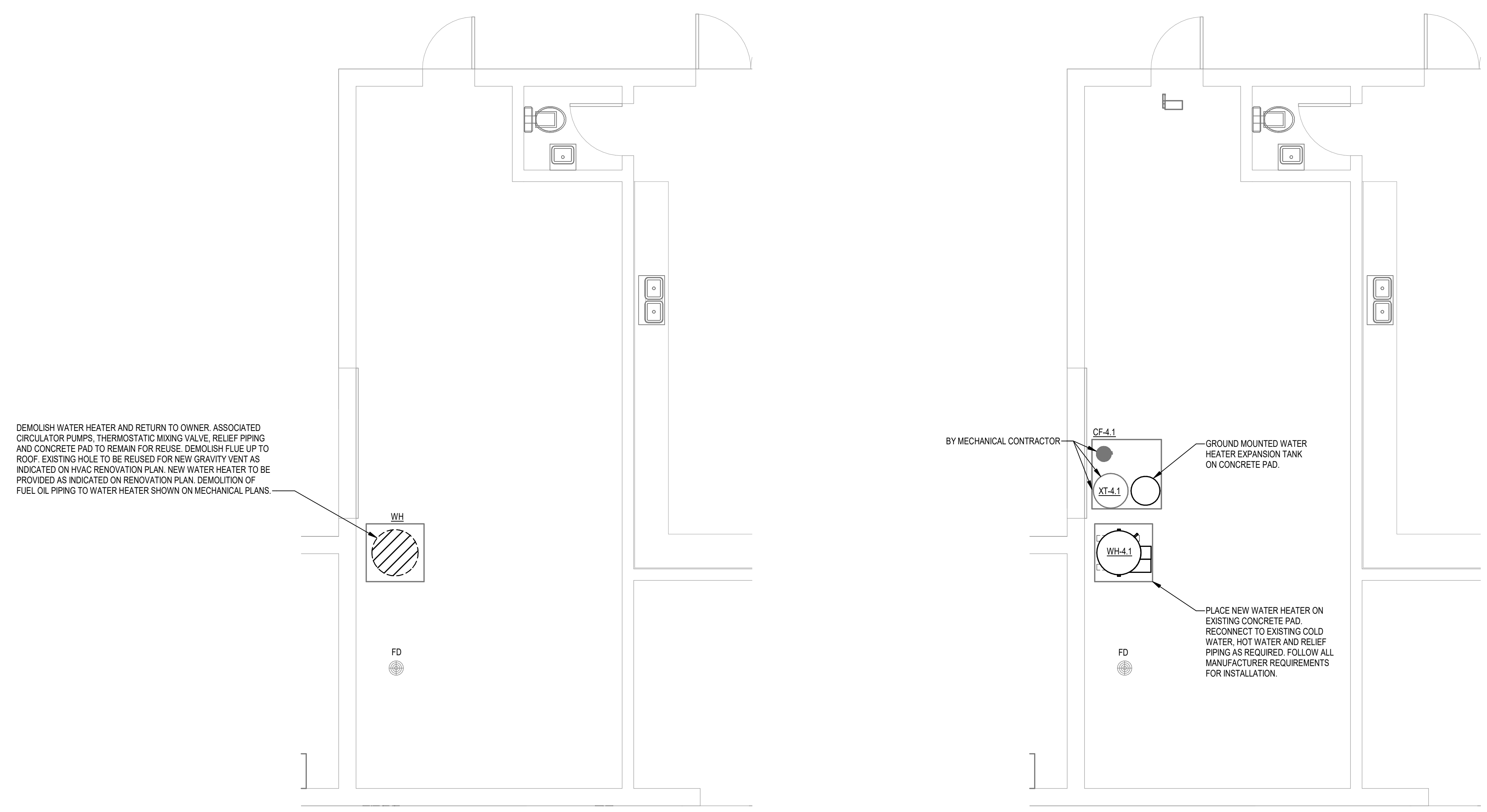
PHASE	DATE	DRAWN	CHECK
DESIGN DEVELOPMENT	02-14-2024	FPH	MPP
CONSTRUCTION DOCUMENTS	08-16-2024	FPH	MPP

**REVISIONS**

#	Description	Date

SHEET TITLE  
**GENERAL NOTES, SCHEDULES & FLOOR PLANS**

DRAWING NO.  
**P0.1**



**A2 ENLARGED PLAN - DEMO**  
 P0.1 1/4" = 1'-0"

**A1 ENLARGED PLAN - RENO**  
 P0.1 1/4" = 1'-0"