2 ENLARGED BASEMENT FLOOR PLAN - WATER HEATER VENTING

1/8"=1'-0"

1 ENLARGED BASEMENT FLOOR PLAN - WATER HEATER VENTING

1/2"=1'-0"

GENERAL NOTES

1. THE GENERAL NOTES LISTED HERE APPLY TO ALL PLUMBING DRAWINGS IN ADDITION TO ANY ADDITIONAL DRAWING NOTES ON THE INDIVIDUAL DRAWINGS.
2. SEE PLAN NOTES ON INDIVIDUAL DRAWING SHEETS FOR SPECIFIC INSTRUCTIONAL NOTES.
3. FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION.
4. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING WORK. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES WHICH OCCURS BY HIS FAILURE TO LOCATE OR PRESERVE THE UNDERGROUND CONDITIONS.
5. IF DURING CONSTRUCTION OPERATIONS, THE PLUMBING CONTRACTOR ENCOUNTERS UTILITIES OTHER THAN THOSE LOCATIONS SHOW IN THE PLANS, HE SHALL IMMEDIATELY NOTIFY ENGINEER AND TAKE THE NECESSARY STEPS TO PROTECT THE FACILITY AND ASSURE THE CONTINUANCE OF SERVICE.
6. COORDINATE WITH GENERAL TRADES WORK, HVAC WORK, ELECTRICAL WORK AND OTHER WORK.
7. THE PLUMBING DESIGN DRAWINGS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO SHOW EXACT LOCATION OF EQUIPMENT AND PIPING UNLESS DIMENSIONS ARE GIVEN OR OTHERWISE IMPLIED FOR CLEARANCES, ETC. PIPING AND PLUMBING EQUIPMENT ARE TO BE INSTALLED ALONG THE GENERAL PLANS SHOWN ON THE DRAWINGS, BUT KEEPING IN MIND ACTUAL BUILDING CONDITIONS WHICH MUST BE CONFORMED WITHIN THE ACTUAL WORK. CONTRACTORS IN THEIR BIDS ARE REQUIRED TO INCLUDE ALL LABOR AND MATERIALS AND OTHER RELATED WORK NECESSARY TO PROVIDE MINOR OFFSETS IN PLUMBING WORK AS REQUIRED TO AVOID CONFLICT WITH OTHER WORK ON THIS PROJECT OR AS REQUIRED IN ORDER TO OBTAIN MAXIMUM HEAD ROOM OR EQUIPMENT ACCESS IN SPACES.
8. THE PLUMBING CONTRACTOR IS TO COORDINATE ALL PIPING WITH OTHER TRADES PRIOR TO ROUTING PIPING AND SHALL MAKE OFFSETS AND ADJUST PIPE ROUTING AS REQUIRED TO HANDLE CONFLICTS IN THE FIELD. THE PLUMBING CONTRACTORS SHALL ALSO BE REQUIRED TO OFFSET VERTICAL SANITARY AND VENT LINES AROUND STRUCTURAL MEMBERS AS REQUIRED AND SHALL INCLUDE IN THEIR BID THE ASSOCIATED COST FOR ADDITIONAL FITTINGS, PIPING, AND MAN HOURS TO ACCOMMODATE CONFLICTS.
9. SEE ARCHITECTURAL PLANS FOR EXACT LOCATION AND ELEVATION OF PLUMBING FIXTURES.
10. P.C. TO FURNISH WALL FLANGES AROUND ALL PIPING EXPOSED BELOW CEILING AND CASEWORK.
11. P.C. TO COORDINATE ALL COUNTERTOP SINKS WITH CASEWORK TO ENSURE PROPER INSTALLATION AND CLEARANCE REQUIREMENTS PRIOR TO ORDERING AND INSTALLATION. COORDINATE ANY CHANGE IN SIZE OR CONFIGURATION WITH PROJECT ENGINEER AND ARCHITECT.
12. ACCESS PANELS ARE TO BE FURNISHED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE GENERAL CONTRACTOR. THE PLUMBING CONTRACTOR IS TO COORDINATE LOCATION AND INSTALLATION OF VALVES, SHOCK STOPS, AND CLEANOUTS ABOVE ACCESS PANEL WITH G.C. TO MINIMIZE SIZE OF PANELS.
13. EQUIPMENT CONNECTION ARRANGEMENTS, FLANGES, UNIONS, VALVING, ETC. ARE NOT TYPICALLY SHOWN ON PLAN VIEWS. REFER TO DETAILS FOR REQUIREMENTS. INSTALL ALL VALVES AND OTHER ITEMS REQUIRING OR FACILITATING MAINTENANCE IN ACCESSIBLE LOCATIONS, AND SO AS TO NOT OBSTRUCT MAINTENANCE ON EQUIPMENT SERVED.
14. PROVIDE AND INSTALL SHUT-OFF ISOLATION VALVES AT EACH TIE-IN LOCATION.
15. PROVIDE AND INSTALL SHUT-OFF VALVES AT EACH PLUMBING FIXTURE.

PLAN KEYNOTES (#)

1. ROUTE THREE (3) COMBUSTION AIR INTAKES BELOW ALL HEATING AND COOLING WATER PIPING.
2. ROUTE THREE (3) FLUES BELOW ALL HEATING AND COOLING WATER PIPING.
3. ROUTE THREE (3) FLUES THROUGH WALL INTO RELIEF AIR AREA WELL. FLUES TO PENETRATE WALL ABOVE ACCESS DOOR AND TERMINATE PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR TO VERIFY STRUCTURE ABOVE DOOR PRIOR TO PENETRATING AND INSTALL ANY ADDITIONAL SUPPORT AS REQUIRED.
4. ROUTE THREE (3) COMBUSTION AIR INTAKES THROUGH WALL INTO OUTSIDE AIR AREA WELL. INTAKES TO PENETRATE WALL AND TERMINATE PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR TO VERIFY STRUCTURE ABOVE DOOR PRIOR TO PENETRATING AND INSTALL ANY ADDITIONAL SUPPORT AS REQUIRED.
5. EXTEND 4" COMBUSTION AIR INTAKE AND 4" FLUE TO EACH HEATER OFF 8" MAINS. (TYPICAL)

KEY PLAN

CHECKING PRINT
DESIGNER DATE: CHECKED: DATE: CORRECTED: DATE:
DRAWN DATE: BACKCHECKED: DATE: APPROVED: DATE:

520 South Main Street
Akron, OH 44311
330.572.2100 Fax 330.572.2101
GPD GROUP
Giffels, Pyle, Solomon, Jones & Dellaria, Inc.

NO.	REVISIONS	BY	DATE
-	95% CD SUBMITTAL	-	02.26.20
-	BID DOCUMENTS REISSUED	-	08.20.20
1	ADDENDUM NO. 3	-	10.23.20

DESIGNED	CHECKED
AAA	AAA
DRAWN	IN CHARGE
AAA	AAA

OHIO TURNPIKE

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

ENLARGED PLUMBING FLOOR PLANS

LORAIN

M.P. 139.5

PROJECT 53-20-02/03

SP5

P-402