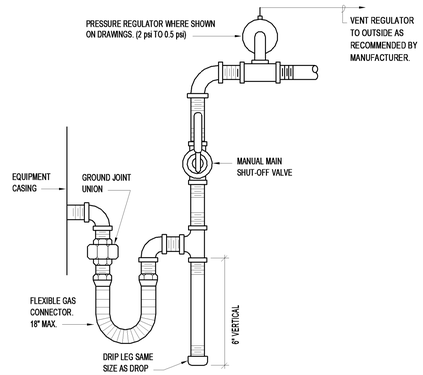
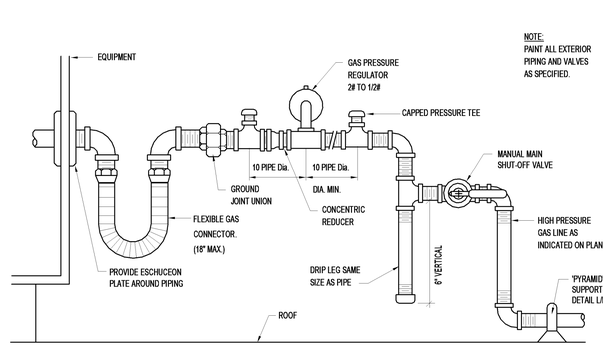
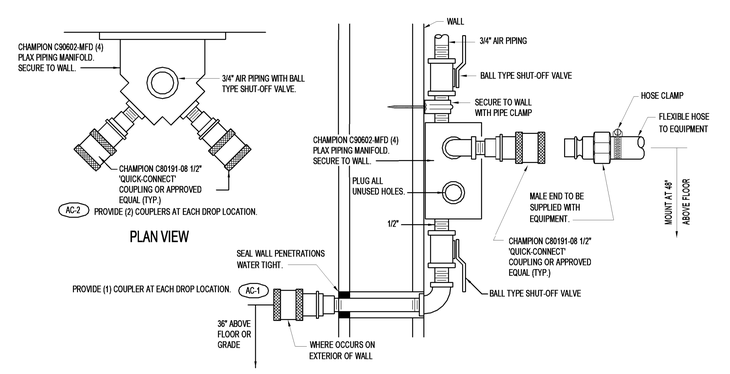


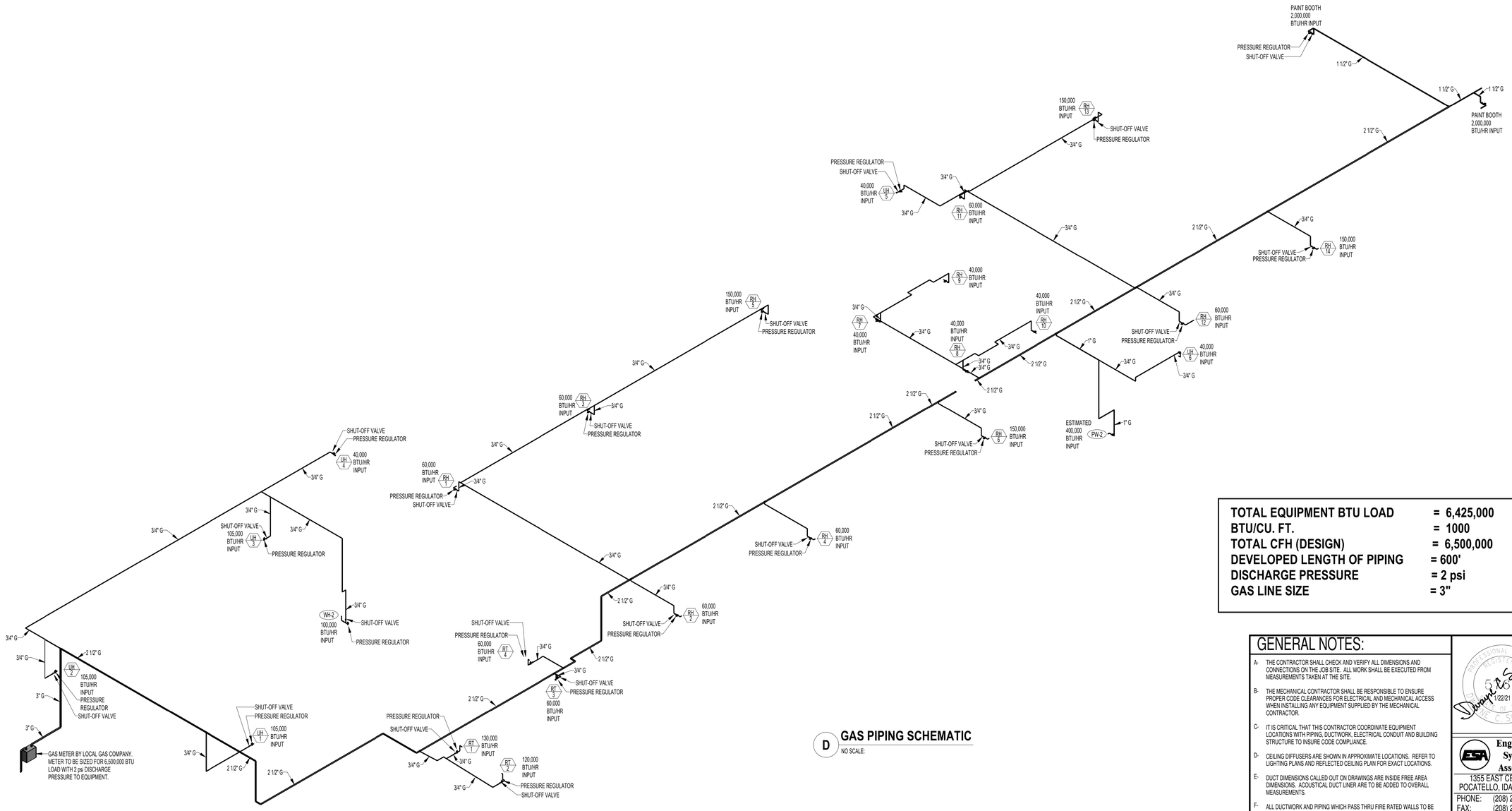
A | INTERIOR GAS LINE CONNECTION DETAIL | NO SCALE



B | GAS PRESSURE REGULATOR DETAIL FOR ROOF TOP UNITS | NO SCALE



C | COMPRESSED AIR OUTLET DETAIL | NO SCALE



D | GAS PIPING SCHEMATIC | NO SCALE:

TOTAL EQUIPMENT BTU LOAD	= 6,425,000
BTU/CU. FT.	= 1000
TOTAL CFH (DESIGN)	= 6,500,000
DEVELOPED LENGTH OF PIPING	= 600'
DISCHARGE PRESSURE	= 2 psi
GAS LINE SIZE	= 3"

GENERAL NOTES:

A- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONNECTIONS ON THE JOB SITE. ALL WORK SHALL BE EXECUTED FROM MEASUREMENTS TAKEN AT THE SITE.

B- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE PROPER CODE CLEARANCES FOR ELECTRICAL AND MECHANICAL ACCESS WHEN INSTALLING ANY EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR.

C- IT IS CRITICAL THAT THIS CONTRACTOR COORDINATE EQUIPMENT LOCATIONS WITH PIPING, DUCTWORK, ELECTRICAL CONDUIT AND BUILDING STRUCTURE TO INSURE CODE COMPLIANCE.

D- CEILING DIFFUSERS ARE SHOWN IN APPROXIMATE LOCATIONS. REFER TO LIGHTING PLANS AND REFLECTED CEILING PLAN FOR EXACT LOCATIONS.

E- DUCT DIMENSIONS CALLED OUT ON DRAWINGS ARE INSIDE FREE AREA DIMENSIONS. ACOUSTICAL DUCT LINER ARE TO BE ADDED TO OVERALL MEASUREMENTS.

F- ALL DUCTWORK AND PIPING WHICH PASS THRU FIRE RATED WALLS TO BE FIRE STOPPED WITH APPROVED FOAM OR SEALANT. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURES.

PROFESSIONAL ENGINEER — STATE OF IDAHO — DWAYNE C. SUDWEEKS — 5762 — 1/22/21

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PROJECT: A NEW BUILDING FOR: KENWORTH SALES COMPANY INC. 4373 W. EXPO PARKWAY POST FALLS, IDAHO 83854

SHEET TITLE: GAS PIPING SCHEMATIC AND DETAILS

REVISIONS

1	Addendum #1	01/22/21

PROJECT NO. 19034
DATE: JAN. 2021
DRAWN BY: M Jensen
CHECKED BY: D Sudweeks

DRAWING NO.: P2.2

2/22/2021 8:19:02 AM Kenworth Post Falls (M&P Expansion 2-19-21)_detached.rvt