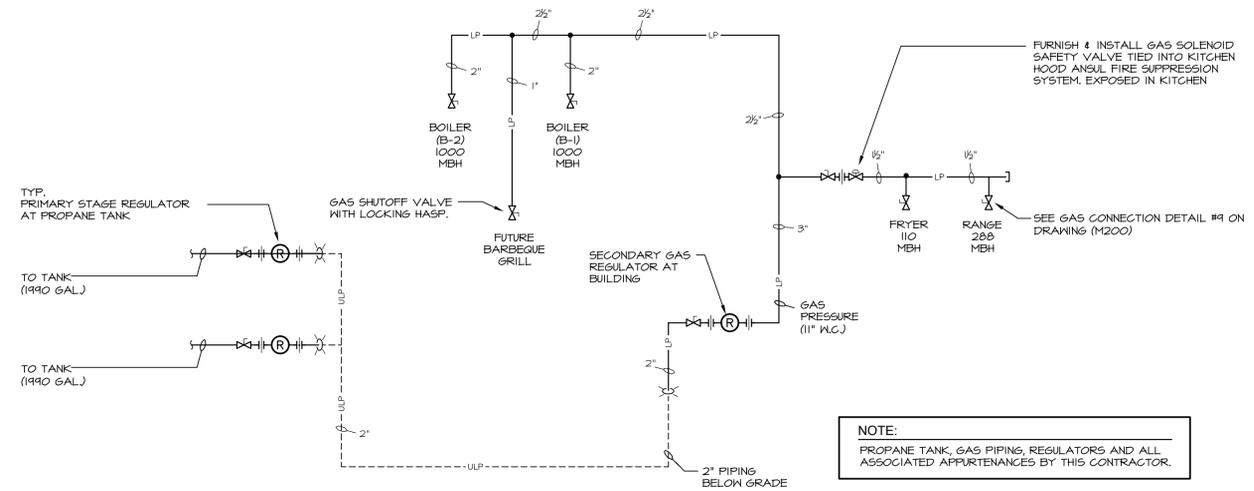


NOTES:

- UNDERGROUND PROPANE TANK INSTALLATION SHALL BE IN ACCORDANCE WITH 2020 BUILDING, MECHANICAL AND FIRE CODE OF NEW YORK STATE, NFPA 58 & 54, UL LISTING REQUIREMENTS, GENERALLY ACCEPTED STANDARDS AND ALL LOCAL CODES.
- CONTRACTOR SHALL PAY ALL FEES ASSOCIATED WITH NEW PROPANE GAS SERVICE INCLUDING TANK, PIPING, REGULATORS AND ALL ASSOCIATED APPURTENANCES. PROPANE TANK SHALL BE FILLED IMMEDIATELY AFTER INSTALLATION AT THE OWNERS EXPENSE.
- CONTRACTOR SHALL INSTALL TWO-STAGE REGULATOR SYSTEM, (1) ONE REGULATOR UNDER TANK DOME AND (1) ONE REGULATOR AT BUILDING. LOCATE TANK 25'-0" FROM ANY IGNITION SOURCES. THE DISTANCE CAN BE REDUCED TO NO LESS THAN 10 FT. FOR A SINGLE CONTAINER OF 1200 GAL. WATER CAPACITY OR LESS, PROVIDED SUCH CONTAINER IS AT LEAST 25 FT. FROM ANY OTHER LP GAS CONTAINER OF MORE THAN 125 GAL. WATER CAPACITY.

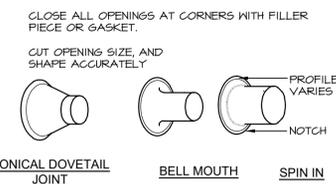
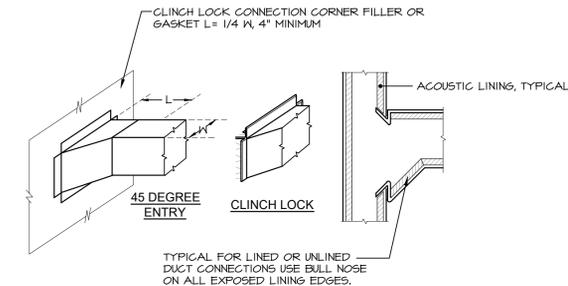
1 UNDERGROUND PROPANE TANK DETAIL
M204 NOT TO SCALE



NOTE:

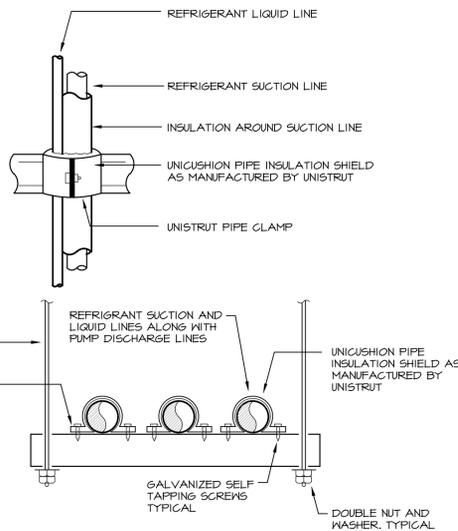
ALL GAS PIPING SHALL BE INSTALLED IN ACCORDANCE WITH NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, 2020 FUEL GAS & FIRE CODE OF NEW YORK STATE, NFPA 58 AND AGA STANDARDS. ALL GAS PIPING SHALL BE CLEANED AND PAINTED (1) - COAT PRIMER AND (2) COATS PAINT. COLOR AS DIRECTED BY ARCHITECT. SEE ARCHITECT'S DRAWINGS AND SPECIFICATIONS FOR APPROVED MATERIALS AND METHODS OF INSTALLATION.

3 GAS PIPING SCHEMATIC
M204 NOT TO SCALE



5 DUCT BRANCH CONNECTION DETAIL
M204 NOT TO SCALE

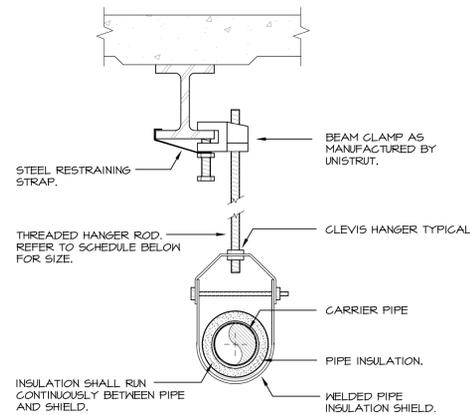
6 UNDERGROUND REFRIGERANT PIPING DETAIL
M204 NOT TO SCALE



NOTES:

- LIQUID AND SUCTION LINES MAY BE ROUTED TOGETHER FOR CONVENIENCE, BUT MUST BE COMPLETELY INSULATED FROM EACH OTHER. DO NOT SOLDER LIQUID AND SUCTION LINES TOGETHER. DO NOT ALLOW METAL TO METAL CONTACT.
- LINES SHOULD BE INSTALLED WITH AS FEW BENDS AS POSSIBLE, ALLOWING SERVICE ACCESS TO THE INDOOR COIL.
- USE LONG RADIUS ELBOWS WHEREVER POSSIBLE, EXCEPT IN OIL RETURN TRAPS, WHERE SHORT RADIUS ELBOWS SHOULD BE USED.
- SLOPE HORIZONTAL SUCTION LINES 1 INCH EVERY 20 FEET TOWARD THE OUTDOOR UNIT.

2 REFRIGERANT PIPE SUPPORT DETAIL
M204 NOT TO SCALE



PIPE HANGER SCHEDULE					
PIPE DIA.	3/4"-2"	2 1/2"-3"	4"-5"	6"	8"-12"
HANGER DIA.	3/8"	1/2"	5/8"	3/4"	1/8"

NOTES:

- CLEVIS HANGERS WITH WELDED INSULATION SHIELDS SIMILAR TO RAUCH FIG. 1005H ON ALL PIPES LARGER THAN 1".
- FOR PIPES 1" OR SMALLER, A BAND HANGER WITH INSULATION SHIELD MAY BE USED SIMILAR TO RAUCH FIG. NO. 1A5H.
- FOR NON-INSULATED PIPE, INSULATION SHIELDS MAY BE OMITTED.
- ALL PIPE HANGERS SHALL BE GALVANIZED STEEL OR FACTORY PAINTED BLACK WITH ENAMEL.
- FOR NON FERROUS PIPING WITHOUT INSULATION, ALL HANGERS SHALL BE COPPER PLATED OR FURNISHED WITH A DI-ELECTRIC SEPARATOR BETWEEN PIPE AND HANGERS.

4 PIPE HANGER DETAIL
M204 NOT TO SCALE



MITCHELL ASSOCIATES ARCHITECTS

29 THACHER PARK ROAD
VOORHEESVILLE, NY 12186
(518) 765-4511 FAX (518) 765-2150
WWW.MITCHELL-ARCHITECTS.COM

EMERGENCY SERVICE

FACILITIES

CONSULTANTS:

INSITE ENGINEERING SURVEYING
& LANDSCAPE ARCHITECTURE, P.C.
3 GARRET PLACE
CARMEL, NY 10512
(845) 225-4640 FAX: (845) 225-4717

CRAIG A. MALONEY P.E.

STRUCTURAL ENGINEERING CONSULTANT
5 BENEDICT COURT
BALLSTON SPA, NY 12020
(518) 584-4844 FAX: (518) 584-4855

GERARD ASSOCIATES

CONSULTING ENGINEERS, P.C.
MECHANICAL, PLUMBING
AND ELECTRICAL
223 MAIN STREET
GOSHEN, NY 10924
(845) 241-1212
(845) 241-1212

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NEW STATION FOR PUTNAM VALLEY FIRE STATION #1

OSCAWANA LAKE ROAD
PUTNAM VALLEY, NEW YORK

OSCAWANA LAKE ROAD
PUTNAM VALLEY, NEW YORK

REVISION HISTORY

DATE	DESCRIPTION

MECHANICAL: DETAILS

SCALE: AS NOTED
DWG. BY: KC
DWG. DATE: 8/14/2020
STATUS: BID DRAWINGS

M204