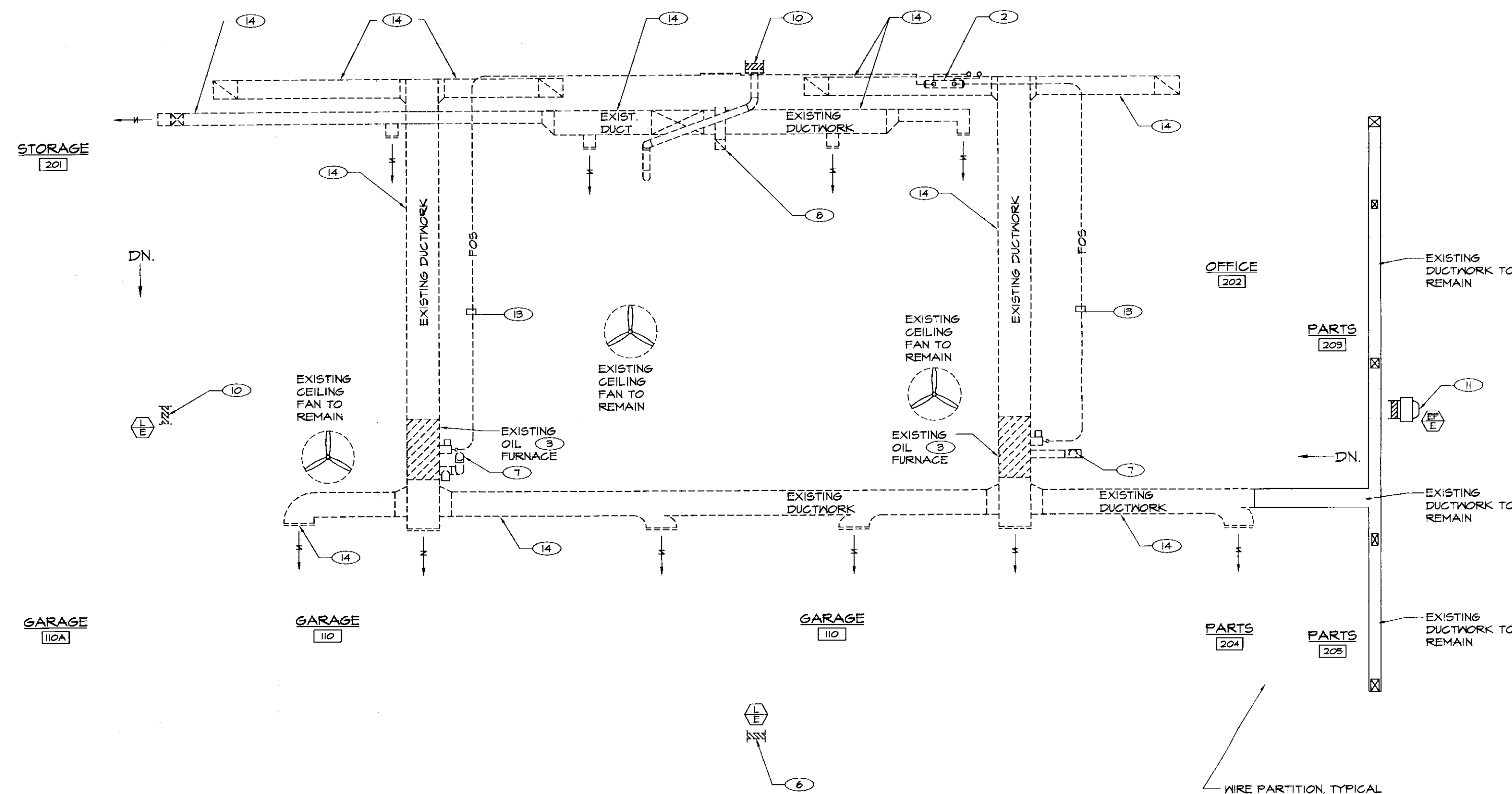
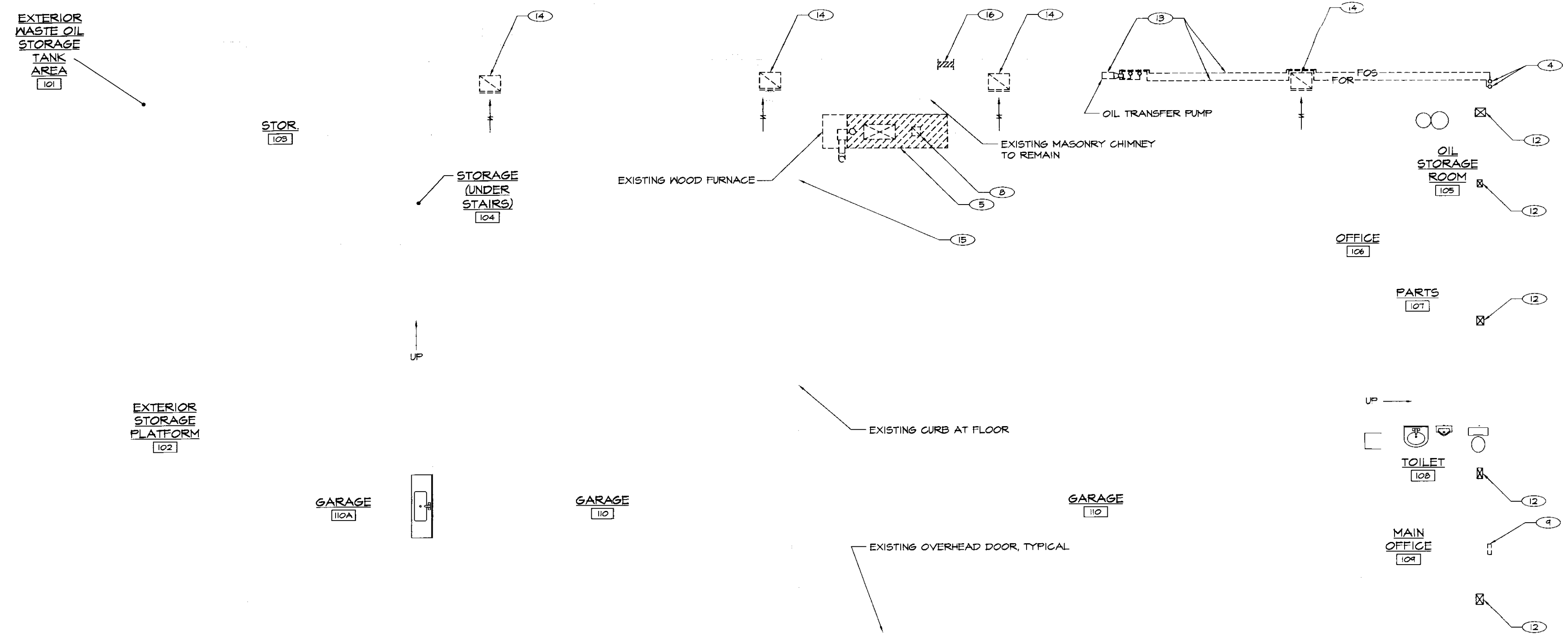


MECHANICAL LEGEND

- | | | | | | |
|---|---------------------|--|--|------|----------------------------------|
| ⊕ | BALL VALVE | | NEW DUCTWORK | E.C. | ELECTRICAL CONTRACTOR |
| — | PIPE RISER | | EXISTING DUCTWORK TO BE REMOVED | G.C. | GENERAL CONTRACTOR |
| — | PIPE DROP | | SUPPLY DUCT DOWN | GUH | GAS FIRED UNIT HEATER |
| ⊕ | CONNECT TO EXISTING | | SUPPLY DUCT UP | | SECTION NUMBER
DRAWING NUMBER |
| ⊖ | DEMOLITION NOTE TAG | | AIR FLOW INDICATOR | | EQUIPMENT TYPE
EXISTING |
| □ | DRAWINGS NOTE TAG | | THERMOSTAT E=120V ELECTRIC, SUBSCRIPT=ZONE # | | SUPPLY DIFFUSER |
| | | | LP GAS PIPING | | EXHAUST GRILLE |
| | | | | | GAS FIRED UNIT HEATER |



MEZZANINE FLOOR PLAN - MECHANICAL DEMOLITION
SCALE: 1/8"=1'-0"

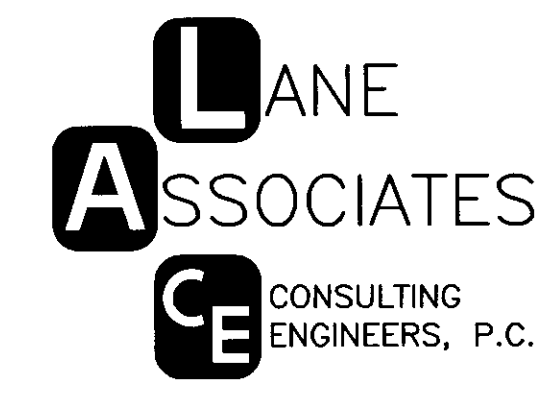


FIRST FLOOR PLAN - MECHANICAL DEMOLITION
SCALE: 1/8"=1'-0"

DEMOLITION NOTES: (APPLY TO THIS DRAWING ONLY)

- 1 OWNER TO REMOVE SUPPLY DUCTWORK THROUGH FLOOR. PATCH MEZZANINE FLOOR TO MATCH EXISTING.
- 2 CONTRACTOR TO REMOVE EXISTING FUEL OIL SUPPLY HEADER AND ALL ASSOCIATED PIPING VALVES AND ACCESSORIES, TURN OVER HEADER TO OWNER.
- 3 OWNER TO REMOVE OIL FIRED DUCT FURNACE AND ALL ASSOCIATED CONTROLS, CONDUIT, DUCTWORK, FUEL PIPING & CONTROLS. TERMINATE WIRING IN NEAREST ACTIVE JUNCTION BOX.
- 4 CONTRACTOR TO CAP EXISTING FUEL OIL SUPPLY AND RETURN PIPING. ABANDON UNDERGROUND FUEL OIL SUPPLY AND RETURN PIPING IN PLACE. PROVIDE NEW SUPPLY AND RETURN PIPING AS DETAILED.
- 5 OWNER TO REMOVE WOOD FIRED FURNACE AND ALL ASSOCIATED CONTROLS, SUPPLY DUCTWORK, AND COMBUSTION AIR DUCTWORK.
- 6 LOUVER TO REMAIN REMOVE EXISTING LOUVER. OWNER
- 7 OWNER TO REMOVE EXISTING FLUE, AND BREECHING THROUGH ROOF. PATCH ROOF TO MATCH EXISTING. USE ORIGINAL ROOF CONTRACTOR AS REQUIRED TO MAINTAIN OWNERS ROOF WARRANTY.
- 8 OWNER TO REMOVE EXISTING WOOD FIRED FURNACE EXHAUST FLUE AND BREECHING. PATCH FLUE AND CHIMNEY AS NECESSARY.
- 9 OWNER TO REMOVE EXISTING ELECTRIC WALL HEATER AND ASSOCIATED WIRING. TERMINATE WIRING IN NEAREST ACTIVE JUNCTION BOX.
- 10 LOUVER TO REMAIN.
- 11 EXISTING FAN AND CONTROLS TO REMAIN.
- 12 EXISTING SUPPLY AND DUCTWORK TO REMAIN.
- 13 CONTRACTOR TO REMOVE EXISTING OIL TRANSFER PUMP, INCLUDING ALL ASSOCIATED PIPING INSIDE BUILDING.
- 14 OWNER TO REMOVE EXISTING AIR DISTRIBUTION DUCTWORK, GRILLES, DIFFUSERS AND ALL ASSOCIATED ACCESSORIES. PATCH HOLES IN WALLS AND CEILINGS LEFT BY DEMOLITION TO MATCH EXISTING.
- 15 EXISTING CONCRETE PAD BELOW WOOD FURNACE TO REMAIN. REMOVE SECTION OF EXISTING CURB FOR NEW BOILER ROOM WALL.
- 16 OWNER TO REMOVE EXISTING COMBUSTION AIR LOUVER, PATCH AND PAINT WALL TO MATCH EXISTING CONSTRUCTION.

PROGRESS PRINTS NOT FOR CONSTRUCTION		
NO.	ISSUED FOR	DATE
3	REVISED FOR REPRICING	JUNE 2004
2	BIDDING AND CONSTRUCTION	JAN. 2004
1	OWNERS REVIEW	JAN. 2004



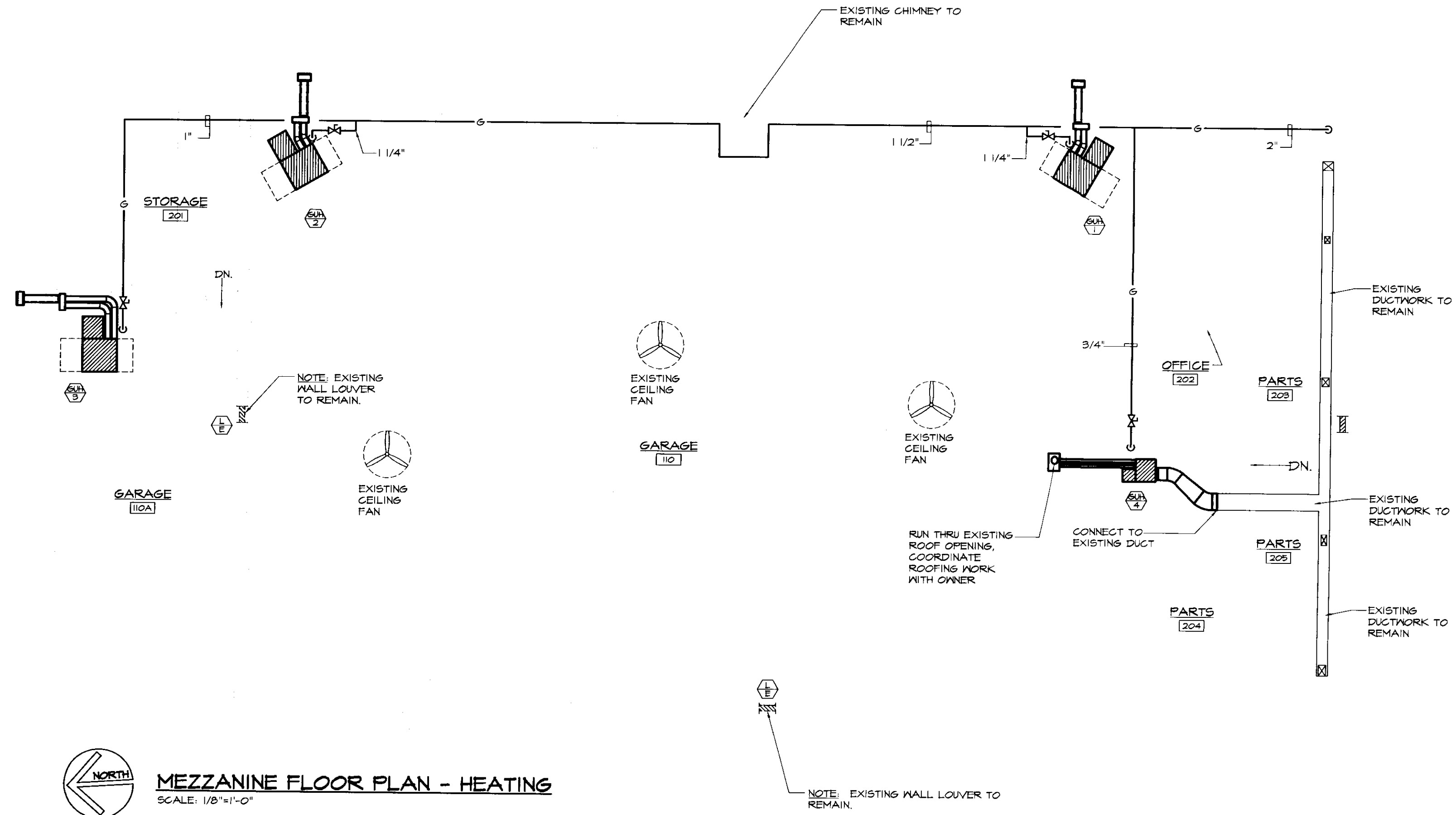
HEATING, VENTILATION, & AIR CONDITIONING,
PLUMBING, FIRE PROTECTION, & ELECTRICAL

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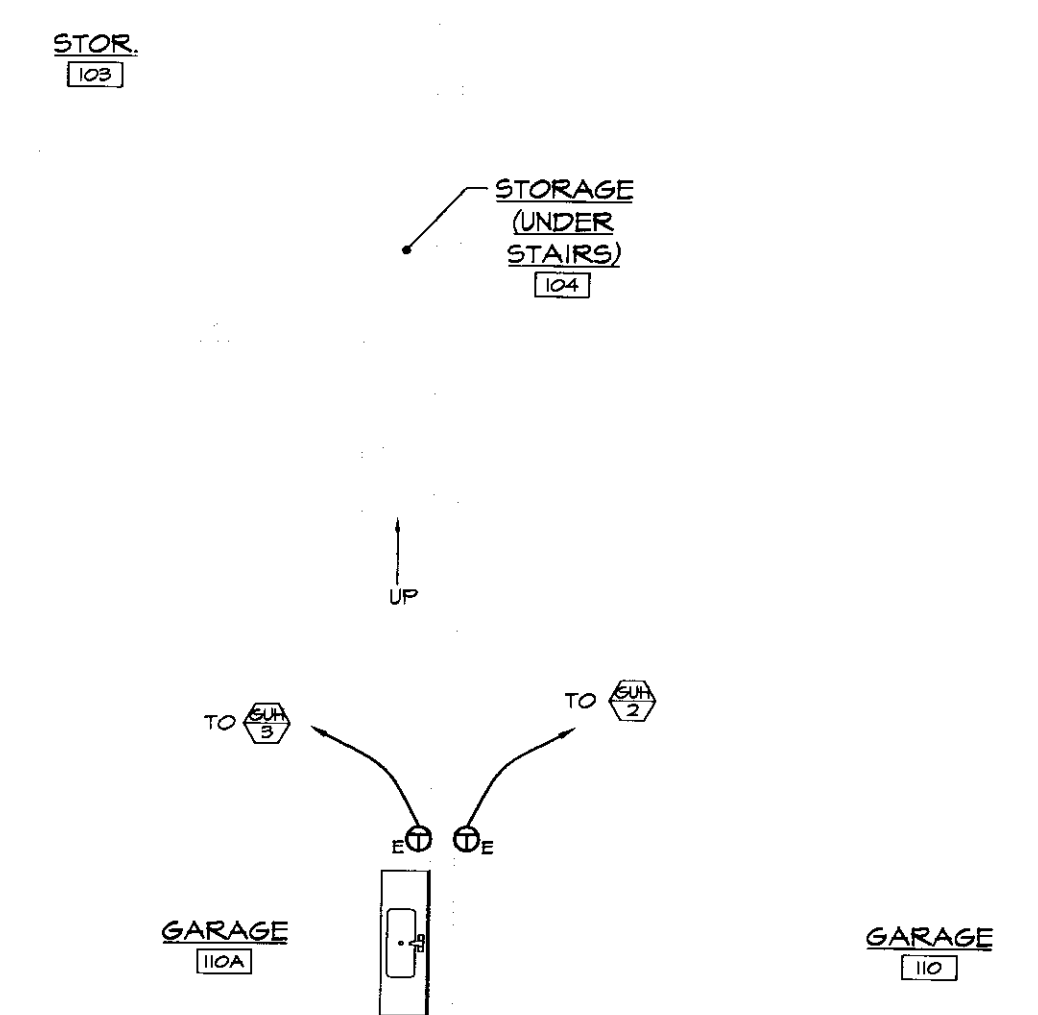
FLOOR PLAN MECHANICAL DEMOLITION					M 1
RUTLAND AOT GARAGE DISTRICT 3 RUTLAND, VT 05701 NEW HEATING SYSTEM					
APPR:	DVD	DRAWN:	KPC	SCALE: AS NOTED	PROJ. NO. 0312-04

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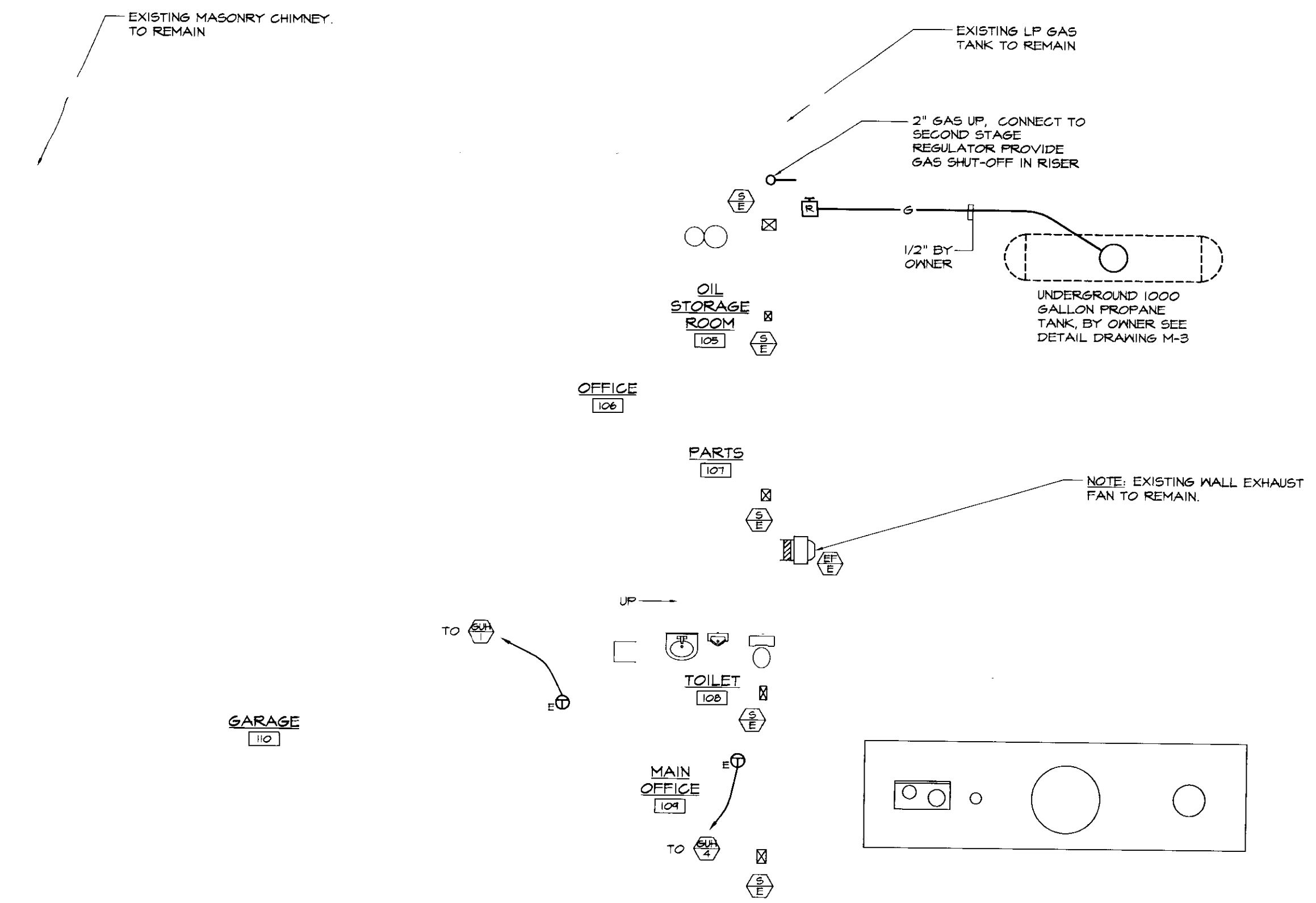


MEZZANINE FLOOR PLAN - HEATING
SCALE: 1/8"=1'-0"

EXTERIOR WASTE OIL STORAGE TANK AREA [101]



FIRST FLOOR PLAN - HEATING
SCALE: 1/8"=1'-0"



PROGRESS PRINTS NOT FOR CONSTRUCTION					
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			2	BIDDING AND CONSTRUCTION	JAN. 2004
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**FIRST AND MEZZANINE FLOOR PLANS
BASE BID HEATING SYSTEM**

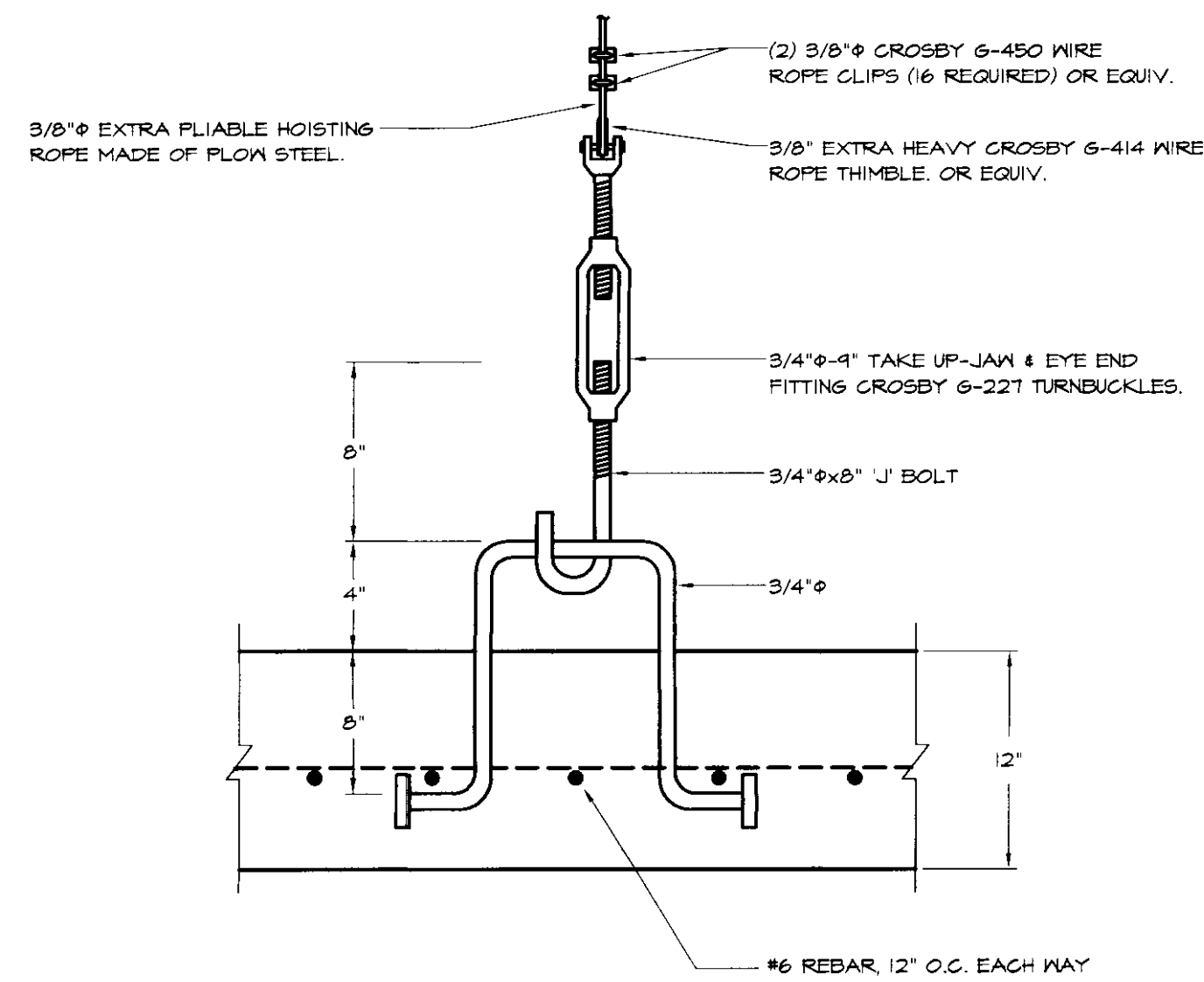
**RUTLAND AOT GARAGE
DISTRICT 3 RUTLAND, VT 05701
NEW HEATING SYSTEM**

APPR: DWD DRAWN: KPC SCALE: AS NOTED PROJ. NO. 0312-04

**M
2**

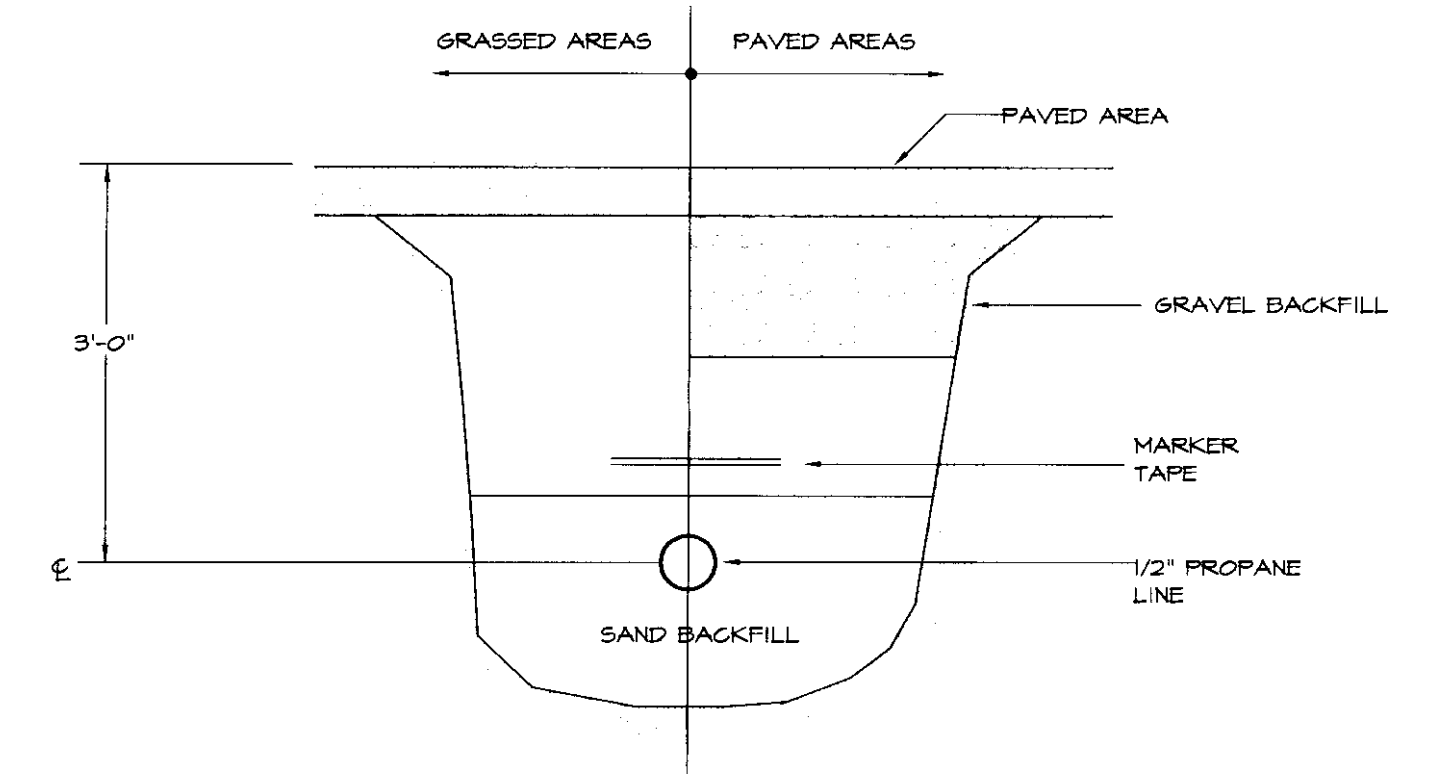
GAS FIRED UNIT HEATER SCHEDULE										PLAN SYMBOL
No.	MANUFACTURER	MODEL	CFM AT 0" E.S.P.	MBH LP GAS INPUT	MBH LP GAS OUTPUT	FAN DRIVE	MODEL			REMARKS
							H.P.	VOLT	PH	
GUH-1	REZNOR	UDBS-400	4100	400	328	BELT	2	240	1	NOTE 1
GUH-2	REZNOR	UDBS-400	4100	400	328	BELT	2	240	1	NOTE 1
GUH-3	REZNOR	UDBS-150	1537	150	124.5	BELT	1/4	115	1	NOTE 1
GUH-4	REZNOR	UDBS-45	456	45	36.9	BELT	1/6	115	1	NOTE 2

NOTES:
 1) PROVIDE ALL STANDARD FEATURES INCLUDING THE FOLLOWING FACTORY INSTALLED OPTIONS: PROPANE SERVICE, TWO STAGE CONTROL, 409 STAINLESS STEEL HEAT EXCHANGER, ADJUSTABLE BELT DRIVE MOTOR, TOTALLY ENCLOSED MOTOR, BLOWER AND BELT GUARDS. PROVIDE THE FOLLOWING FIELD INSTALLED ACCESSORIES: COMBUSTION AND VENT KIT, TWO STAGE THERMOSTAT.
 2) PROVIDE ALL STANDARD FEATURES INCLUDING THE FOLLOWING FACTORY INSTALLED OPTIONS: PROPANE SERVICE, TWO STAGE CONTROL, 409 STAINLESS STEEL HEAT EXCHANGER, ADJUSTABLE MULTI-TAP DIRECT DRIVE MOTOR, DUCT FLANGE, TOTALLY ENCLOSED MOTOR, BLOWER GUARD. PROVIDE THE FOLLOWING FIELD INSTALLED ACCESSORIES: COMBUSTION AND VENT KIT, TWO STAGE HEATING THERMOSTAT.

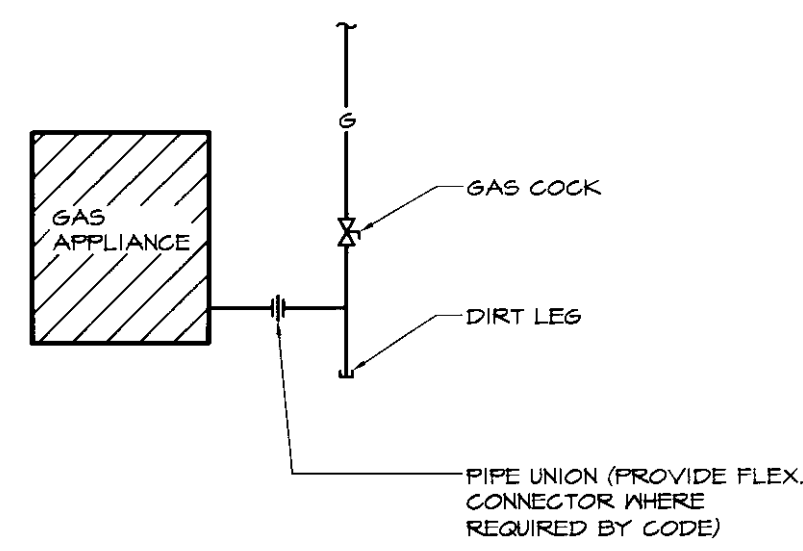


TANK ANCHOR BOLT DETAIL
NOT TO SCALE

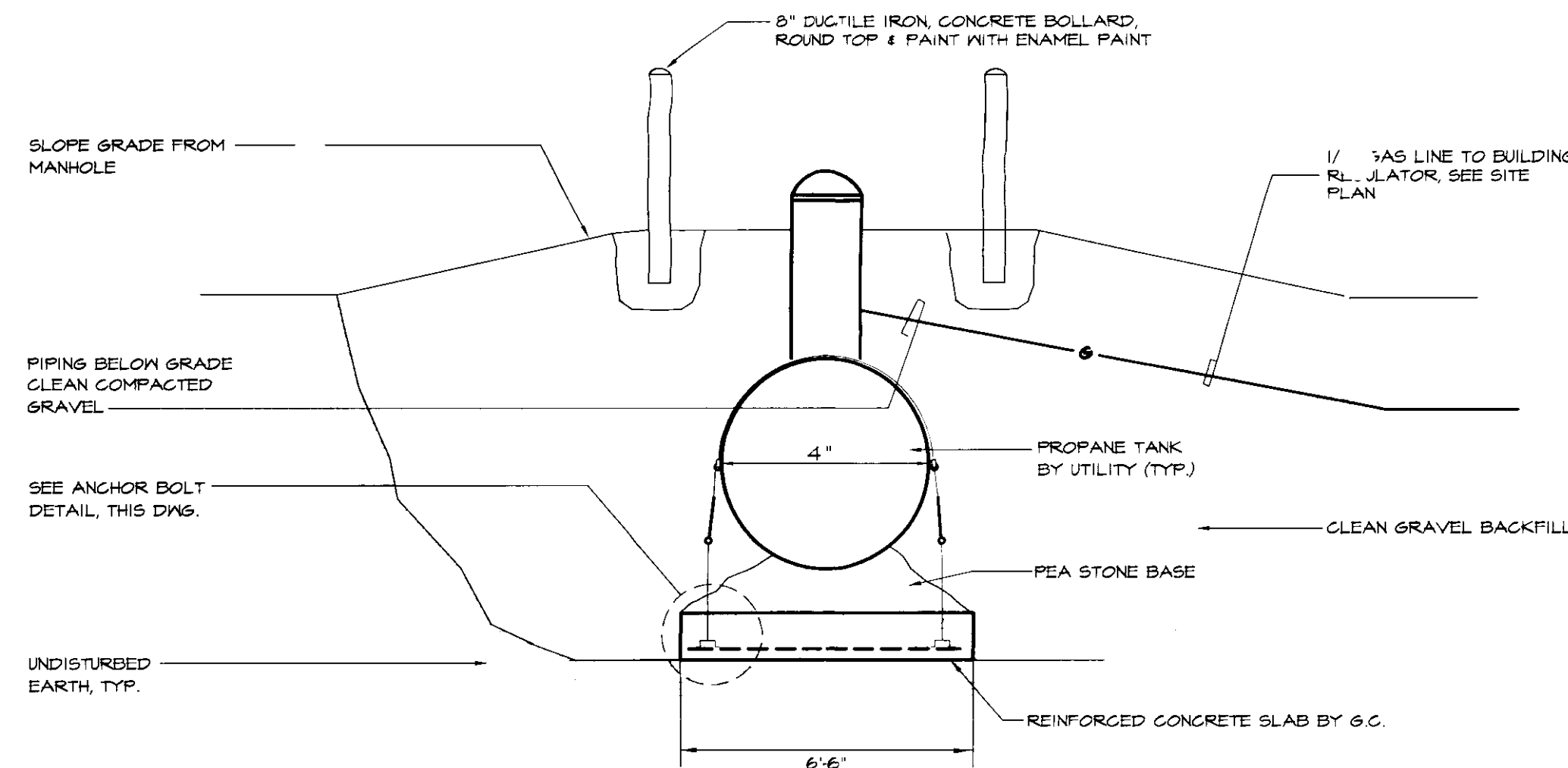
NOTE:
TANK, REGULATORS, PIPING AND ACCESSORIES INCLUDING 1ST AND 2ND STAGE REGULATORS TO BE FURNISHED AND INSTALLED BY OWNER.



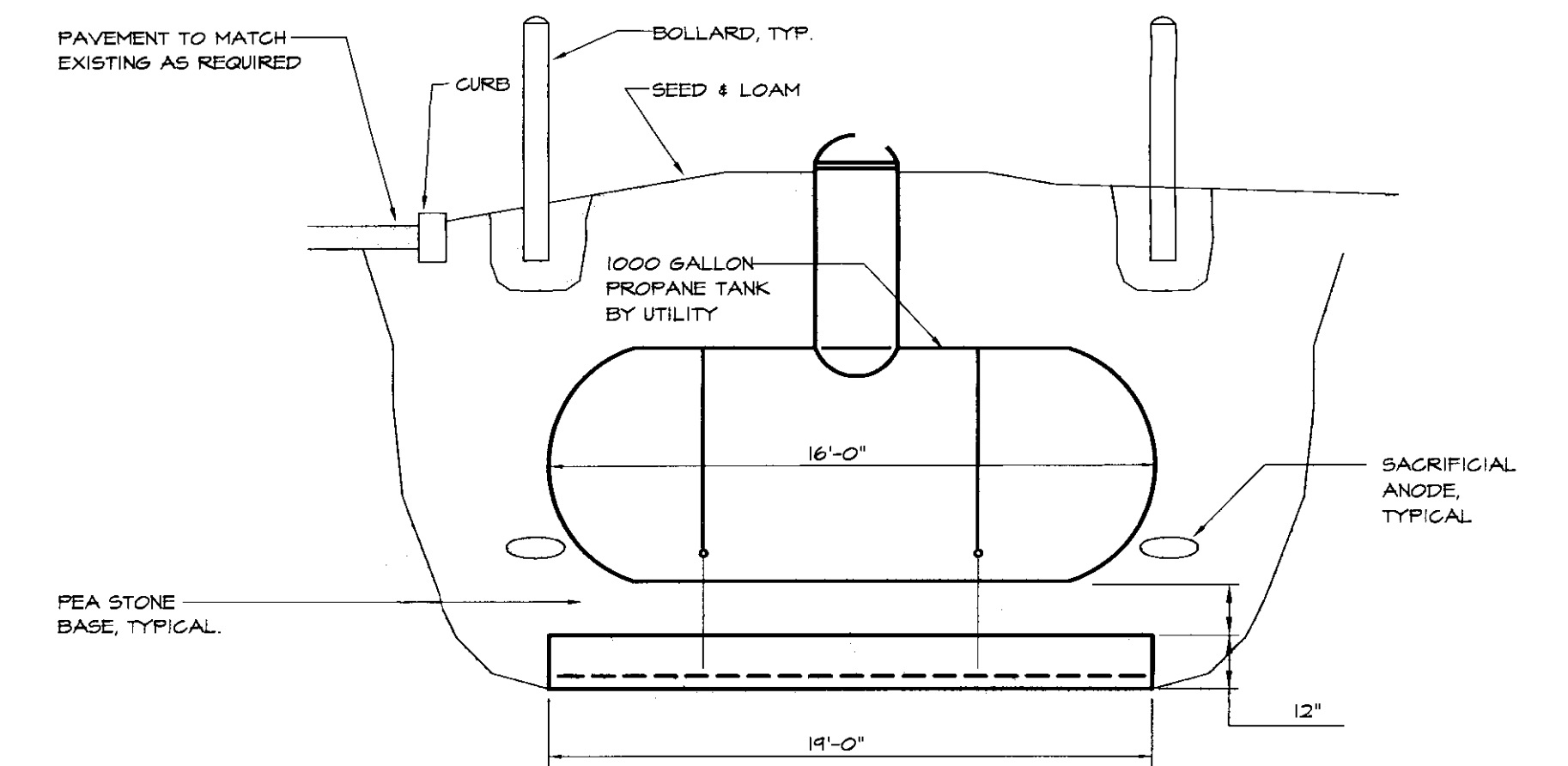
PROPANE SUPPLY PIPE TRENCHING DETAIL
NOT TO SCALE



GAS APPLIANCE CONNECTION DETAIL
NOT TO SCALE



UNDERGROUND PROPANE TANK DETAILS
NOT TO SCALE



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MECHANICAL SCHEDULES AND DETAILS				M 3			
RUTLAND AOT GARAGE DISTRICT 3 RUTLAND, VT 05701 NEW HEATING SYSTEM							
APPR.	DWD	DRAWN:	KFC	SCALE:	AS NOTED	PROJ. NO.	0312-04