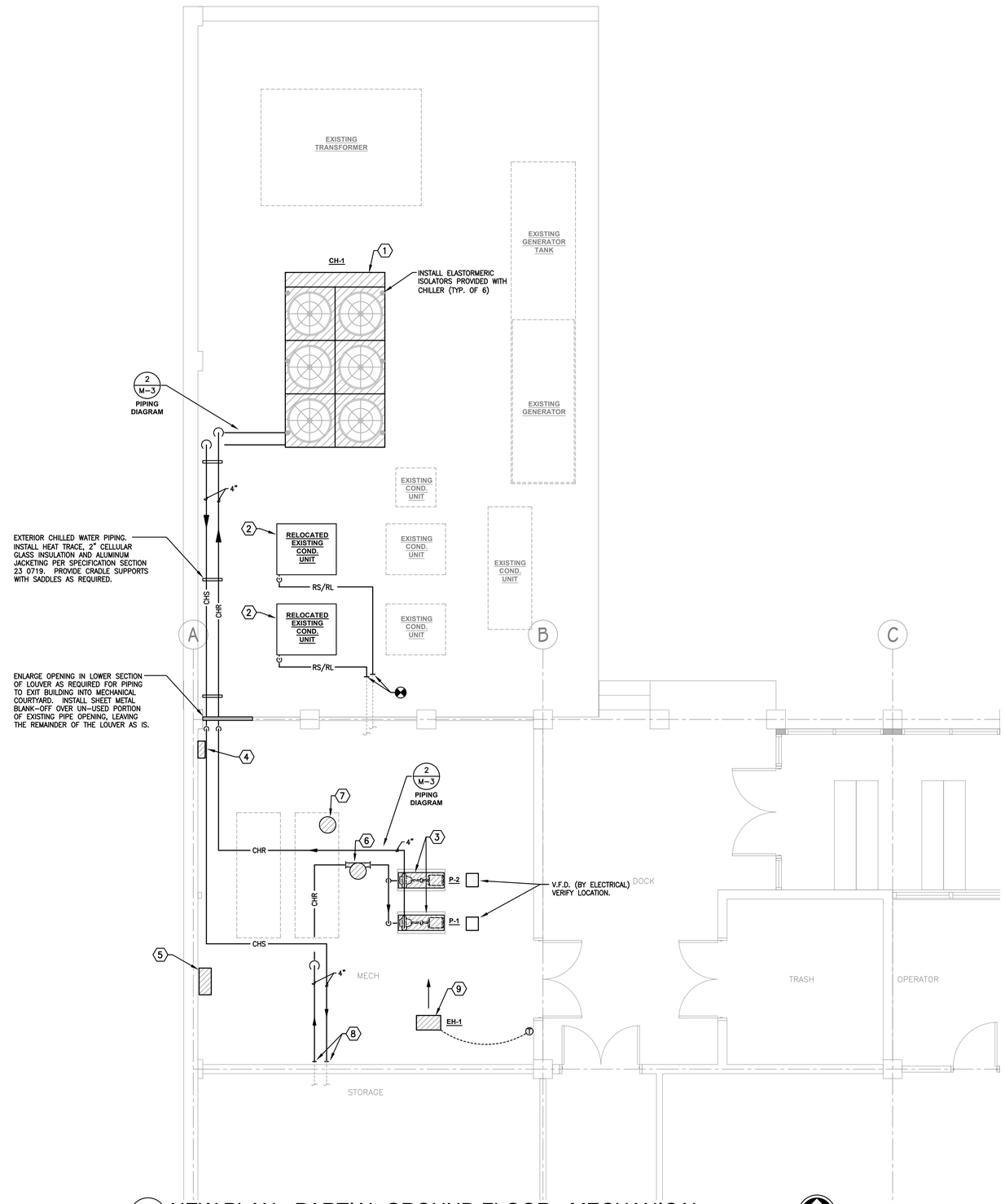
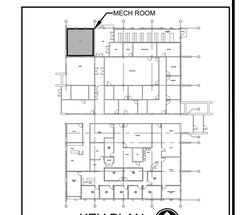


1 NEW PLAN - PARTIAL GROUND FLOOR - MECHANICAL
SCALE : 1/4" = 1'-0"

NORTH



KEY PLAN

NORTH

KEYED NOTES

1. INSTALL NEW AIR COOLED CHILLER. SEE PIPING SCHEMATIC ON SHEET M-3.
2. RELOCATED EXISTING CONDENSING UNIT. CONNECT TO EXISTING REFRIGERANT PIPING AS REQUIRED. PROVIDE NEW INSULATION ON PIPING. EXTEND CONTROL WIRING TO NEW LOCATION.
3. INSTALL NEW PUMP ON EXISTING CONCRETE PAD. ATTACH AS REQUIRED. SEE PIPING SCHEMATIC ON SHEET M-3.
4. NEW HEAT TRACE CONTROLLER PROVIDED BY MECHANICAL AND INSTALLED BY ELECTRICAL. EXTEND HEAT TRACE ONTO ALL EXTERIOR CHILLED WATER PIPING. SEE DETAIL.
5. NEW CONTROLS PANEL. SEE CONTROLS SCHEMATIC.
6. NEW AIR/DIRT SEPARATOR. SUPPORT AS REQUIRED.
7. NEW EXPANSION TANK MOUNTED ON EXISTING CONCRETE PAD.
8. CONNECT NEW 4" CHILLED WATER PIPING TO EXISTING . INSULATE ALL NEW PIPING PER SPECIFICATIONS.
9. INSTALL NEW ELECTRIC UNIT HEATER AND THERMOSTAT. SUPPORT FROM STRUCTURE ABOVE.

PLAN GENERAL NOTES:

1. ITEMS SHOWN DASHED ON THIS PLAN ARE EXISTING ITEMS TO REMAIN, UNLESS NOTED OTHERWISE.
2. ITEMS SHOWN SOLID ON THIS PLAN ARE NEW.
3. FIELD VERIFY EXACT SIZE AND LOCATION OF ALL EXISTING ITEMS SHOWN ON THIS PLAN THAT ARE TO BE CONNECTED TO.

CORPORATE REGISTRATION
PETTIT & PETTIT CONSULTING ENGINEERS, INC.
No. 78
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11043
DARCUS D. CATHEY
3/28/25

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PETTIT & PETTIT
CONSULTING ENGINEERS, INC.
LITTLE ROCK, ARKANSAS

WDD ARCHITECTS

PROJECT TITLE

PCSSD ADMINISTRATION BLDG.
HVAC IMPROVEMENTS
LITTLE ROCK, ARKANSAS

CONTENTS

NEW PLAN - PARTIAL GROUND FLOOR - MECHANICAL

REVISIONS

NO.	DATE	DESCRIPTION

24-078
JOB. NO.

03/28/25
DATE

ISSUE

SHEET

M-2