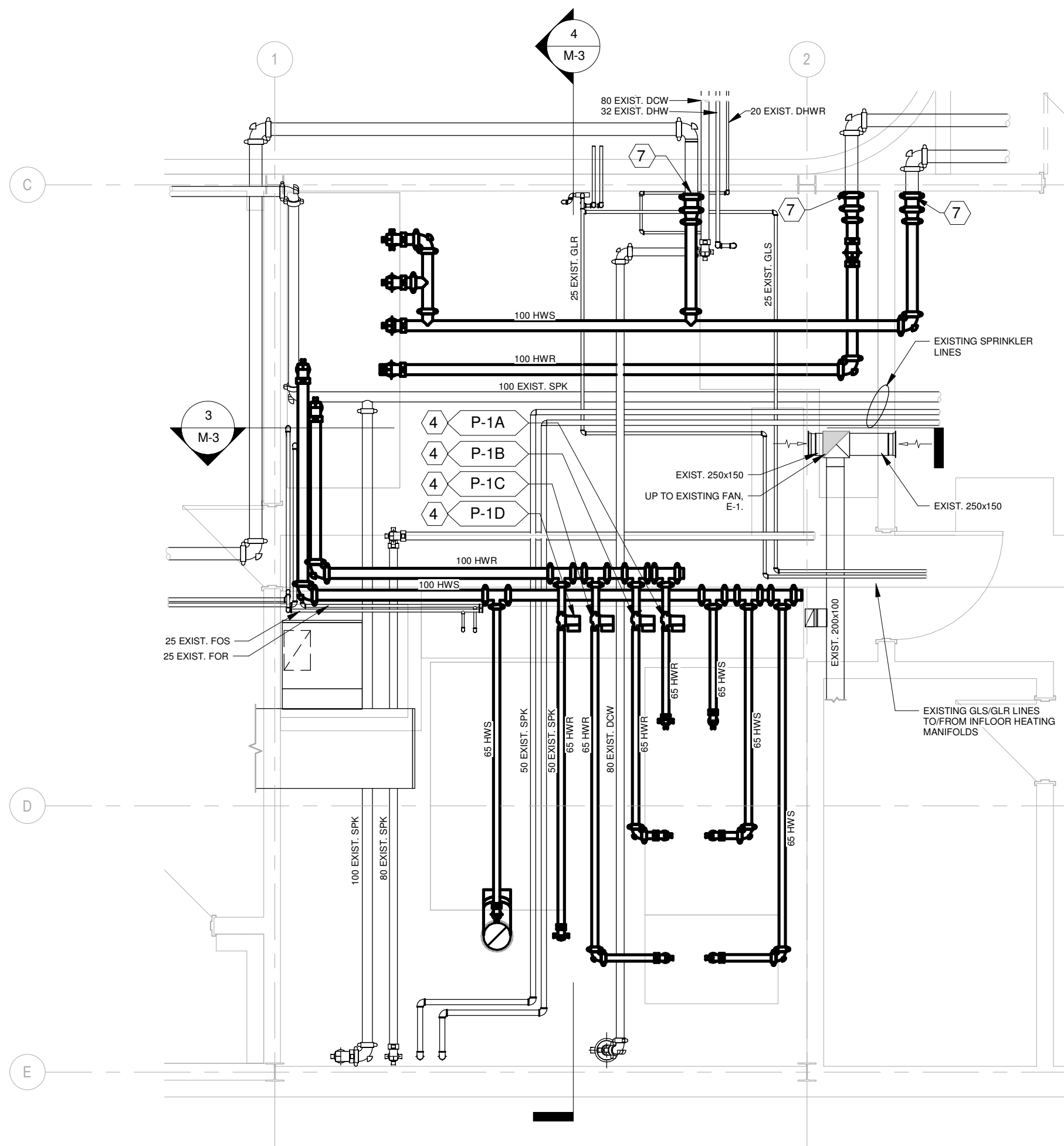
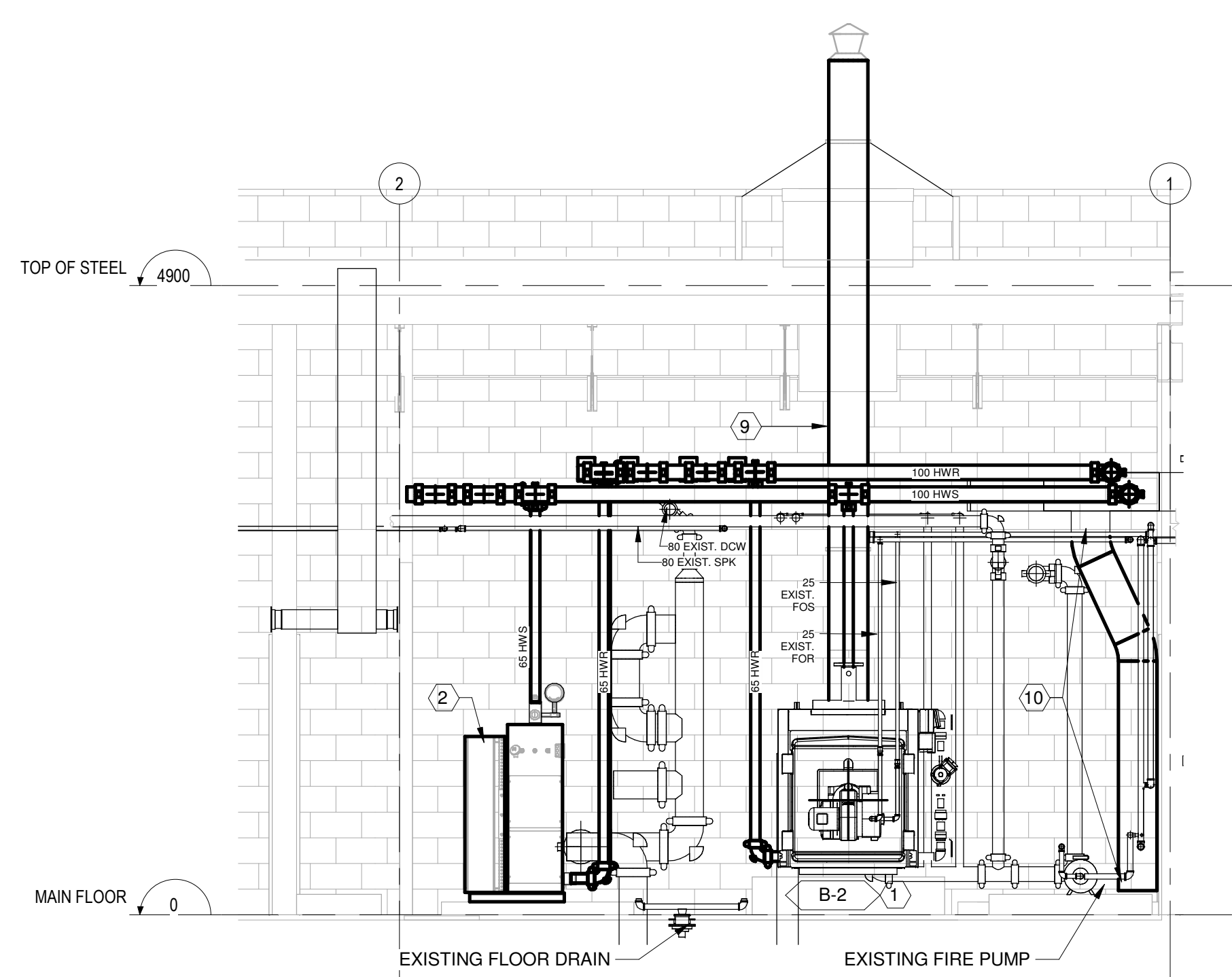


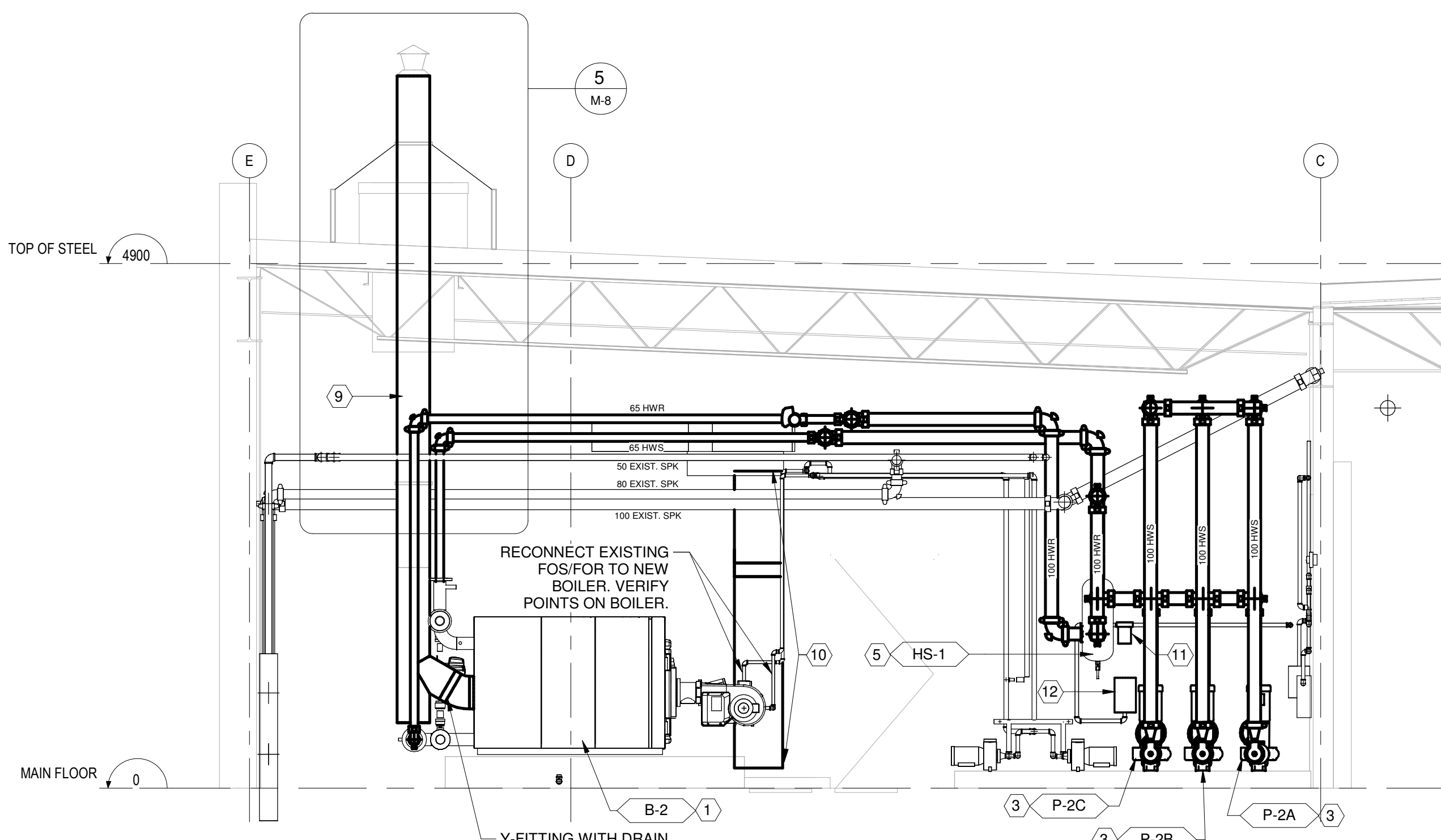
1 NEW MECHANICAL PLAN - LOW LEVEL  
1 : 50



2 NEW MECHANICAL PLAN - HIGH LEVEL  
1 : 50



3 Section A NEW  
1 : 40



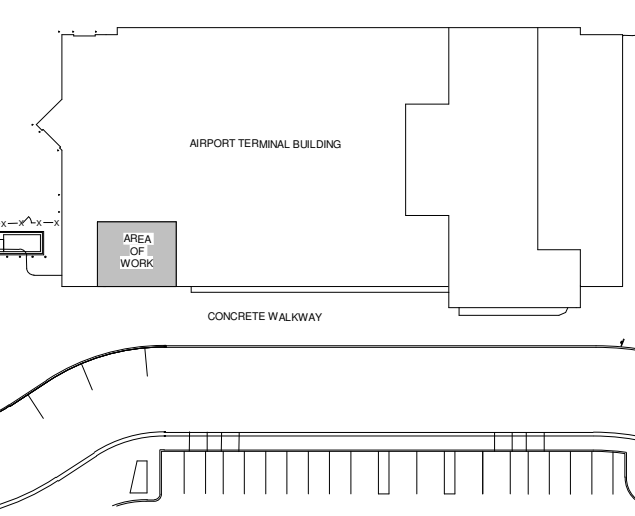
4 Section B NEW  
1 : 40

GENERAL NOTES:

- DO NOT SCALE THIS DRAWING, CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE DEPARTMENTAL REPRESENTATIVE.
- THE DRAWING ONLY SHOWS A GENERAL SCHEMATIC OF NEW SYSTEMS. ROUTING OF DUCTWORK AND UNITS LOCATIONS SHALL SUIT SITE CONDITIONS AND MAY HAVE TO BE CHANGED TO AVOID CONFLICTS WITH STRUCTURE, DUCTS AND PIPES. WHEN CONFLICT CANNOT BE AVOIDED, THE DUCTWORK SHALL BE MODIFIED AS REQUIRED.
- CONTRACTOR SHALL INCLUDE FOR AND PROVIDE ALL COORDINATION BETWEEN TRADES AND DEPARTMENTAL REPRESENTATIVE, ON AND OFF SITE AS REQUIRED FOR INSTALLATION OF MECHANICAL AND ELECTRICAL SYSTEMS, WHERE MINOR REROUTING OF DUCTWORK OR SERVICES IS REQUIRED DUE TO ONSITE CONDITIONS, IT SHALL BE PERFORMED AT NO ADDITIONAL COST.
- CONFORM TO SPECIFICATIONS AND MANUFACTURER GUIDES FOR MATERIALS AND UNITS' INSTALLATION DETAILS.
- INSTALL ALL MECHANICAL CONTROLS AT ACCESSIBLE HEIGHT, 1150mm UNLESS OTHERWISE DIRECTED BY THE ARCHITECT. PROVIDE LOCKING CLEAR COVER IN PUBLIC AREAS.
- PROVIDE SEISMIC RESTRAINTS FOR EQUIPMENT AND SERVICES PER SPECIFICATIONS, 23 05.16.

DRAWING KEYNOTES:

- PROVIDE NEW OIL-FIRED BOILER. EQUIPMENT TO BE INSTALLED ON EXISTING HOUSEKEEPING PAD.
- PROVIDE THREE NEW ELECTRIC BOILERS. UNITS TO BE INSTALLED ON NEW HOUSEKEEPING PAD. COORDINATE LOCATION WITH EXISTING TRENCH.
- PROVIDE TWO NEW SECONDARY PUMPS. UNITS TO BE INSTALLED ON EXISTING HOUSEKEEPING PAD.
- PROVIDE FOUR NEW PRIMARY PUMPS. EACH BOILER SHALL HAVE A DEDICATED PRIMARY PUMP. PUMPS TO BE INSTALLED AT HIGHER LEVEL. COORDINATE LOCATION WITH PIPING INSTALLATION.
- PROVIDE NEW HYDRAULIC SEPARATOR. UNIT TO BE LOCATED AT HIGHER LEVEL TO ALLOW FOR ACCESS TO THE EXISTING FUEL PUMPS BELOW.
- PROVIDE NEW EXPANSION TANK. INSTALL UNIT ON EXISTING HOUSEKEEPING PAD.
- CONNECT NEW PIPING TO EXISTING PIPING APPROXIMATELY AT THIS LOCATION.
- PROVIDE NEW FUEL PIPING FROM EXISTING PUMPS TO NEW OIL-FIRED BOILER. PROVIDE NEW ISOLATION VALVES AND OIL FILTER WITH SPARE CARTRIDGE.
- PROVIDE NEW VENT. COORDINATE VENT TERMINATION WITH EXISTING ROOF OPENING.
- PROVIDE NEW 450x300 COMBUSTION AIR DUCT. DUCT TO BE COMPLETELY INSULATED. CONNECT TO EXISTING DUCT AT HIGHER LEVEL. DUCT TO TERMINATE OPEN ENDED, 300mm ABOVE FINISHED FLOOR.
- NEW SIDE STREAM FILTER.
- NEW LOCATION FOR EXISTING CHEMICAL POT FEEDER.



3	ISSUED FOR CONSTRUCTION	2022-05-17
2	99% CONSTRUCTION DOCUMENT	2021-08-06
1	50% DESIGN SUBMISSION	2021-05-28

revisions		date
project		projet

Wabush - ATB Boiler Upgrade  
Wabush Airport Terminal Building (ATB)

drawing	dessin
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NEW MECHANICAL PLANS AND SECTIONS

designed	conçu
MG	

drawn	dessiné
IS	

approved	approuvé
MG	

Tender	Soumission
PSPC Project Manager	Administrateur de projets TPSGC

project no.	no. du projet
	R111141.001

drawing no.	no. du dessin
	M-3

