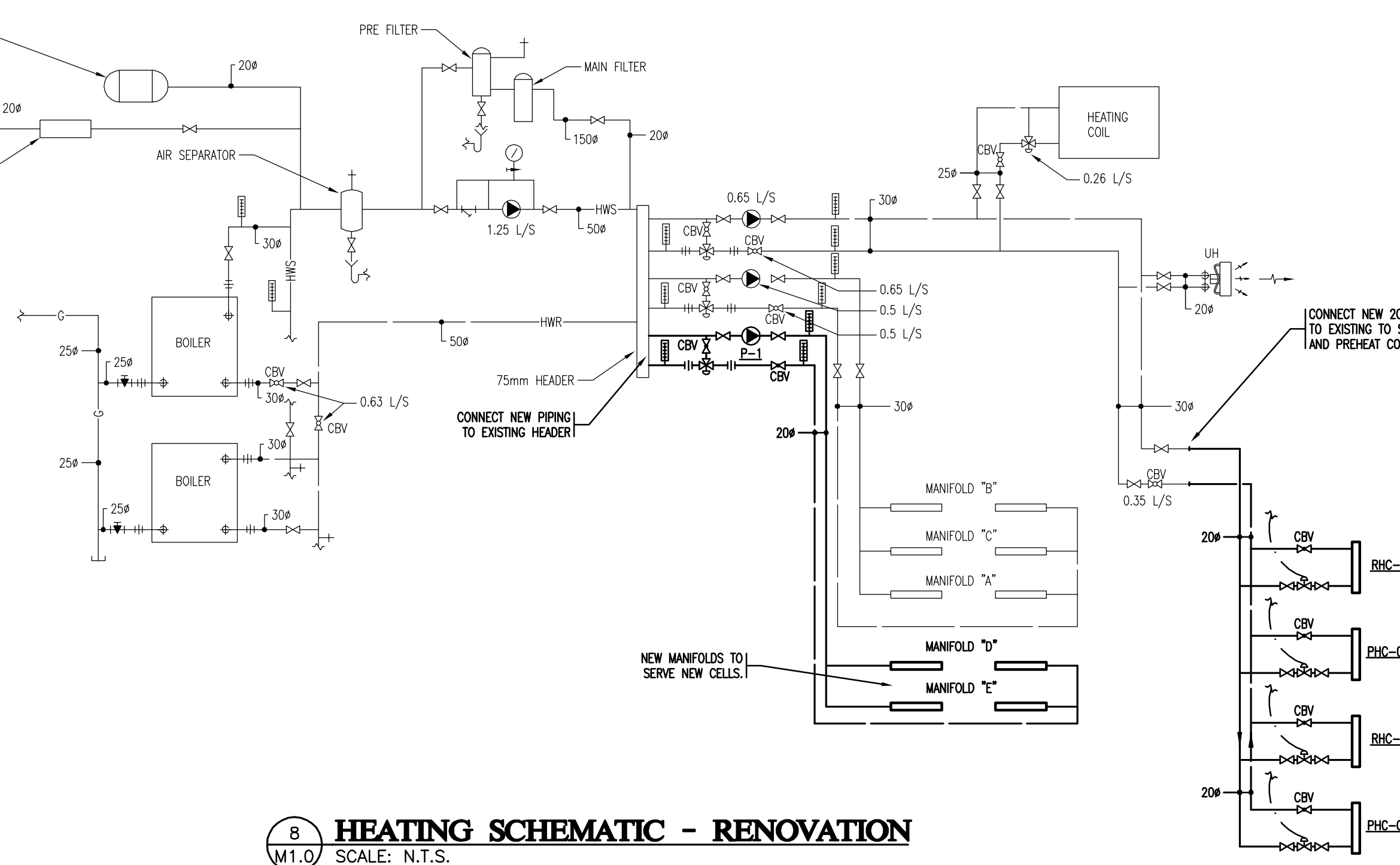
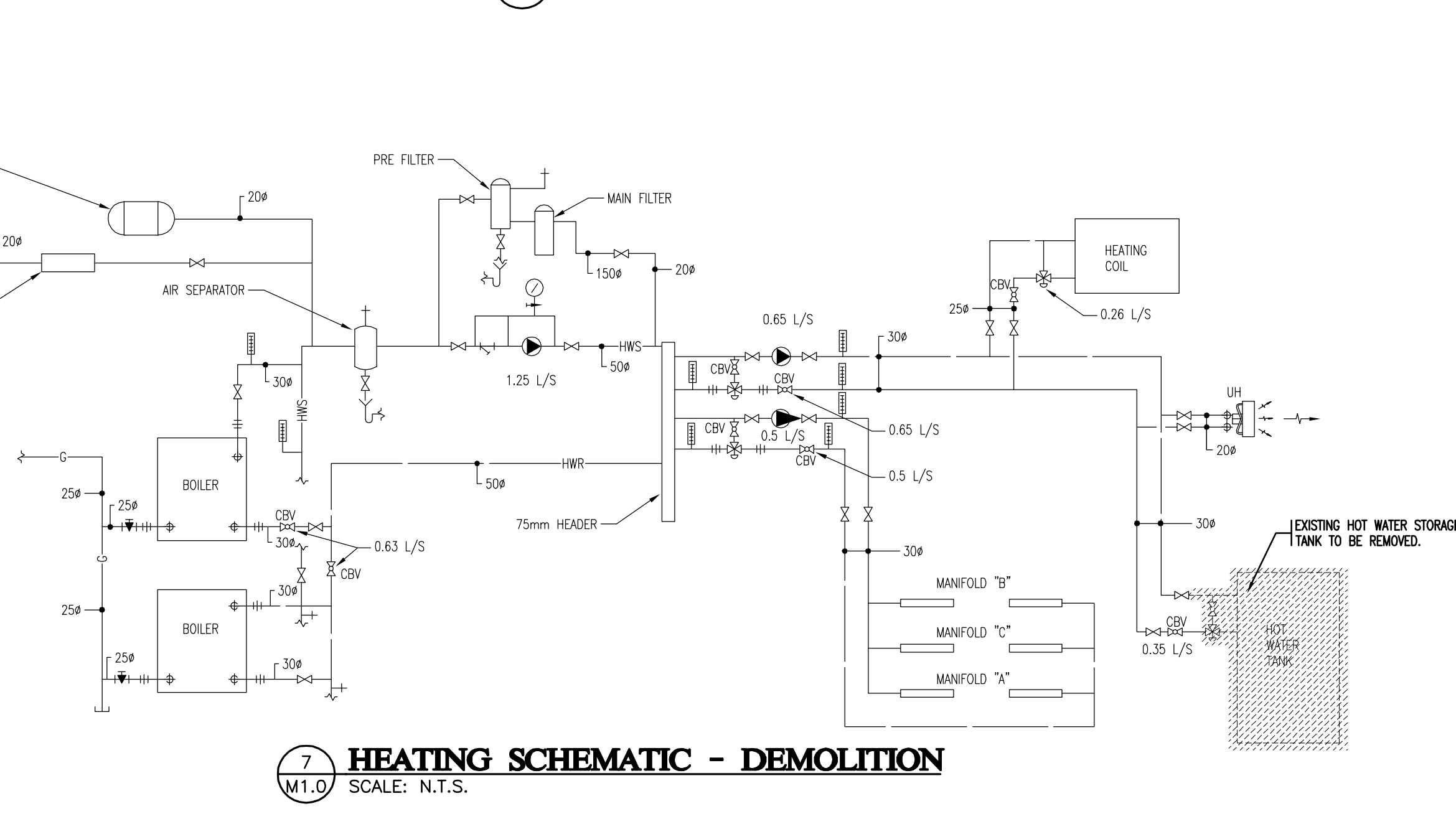
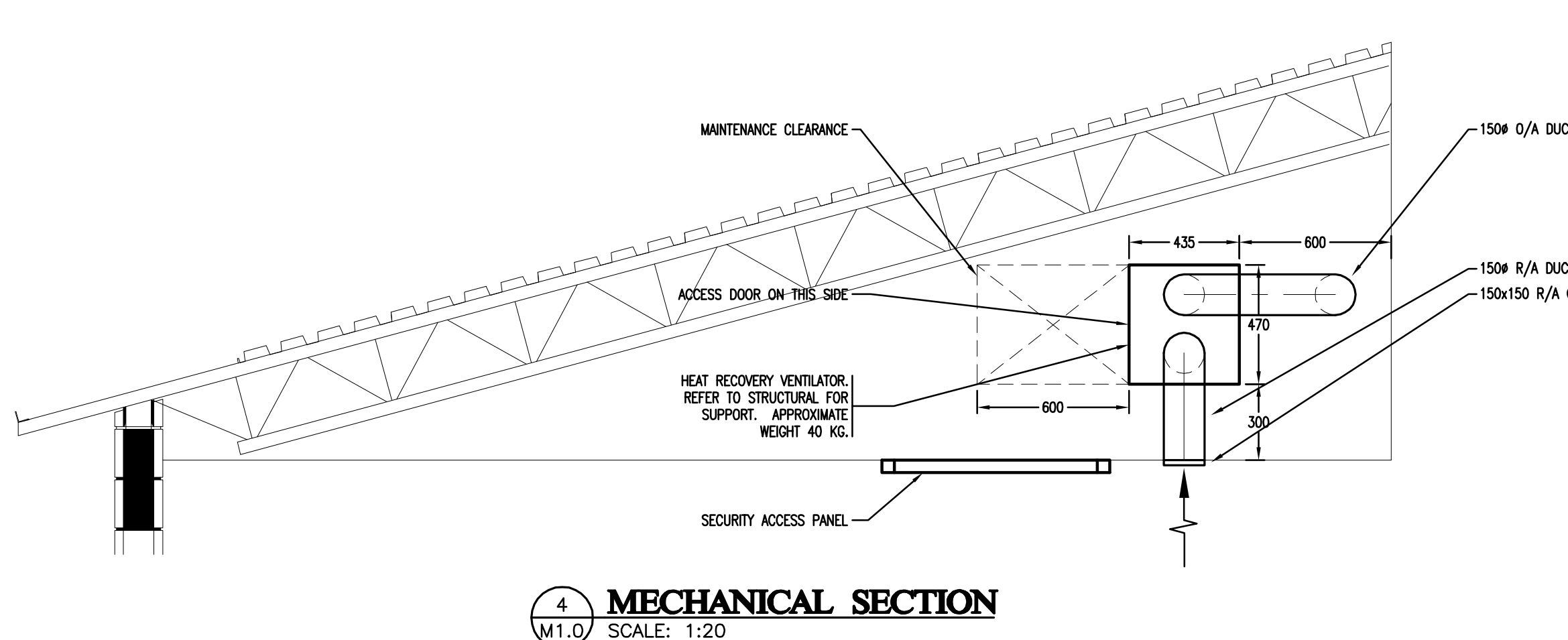
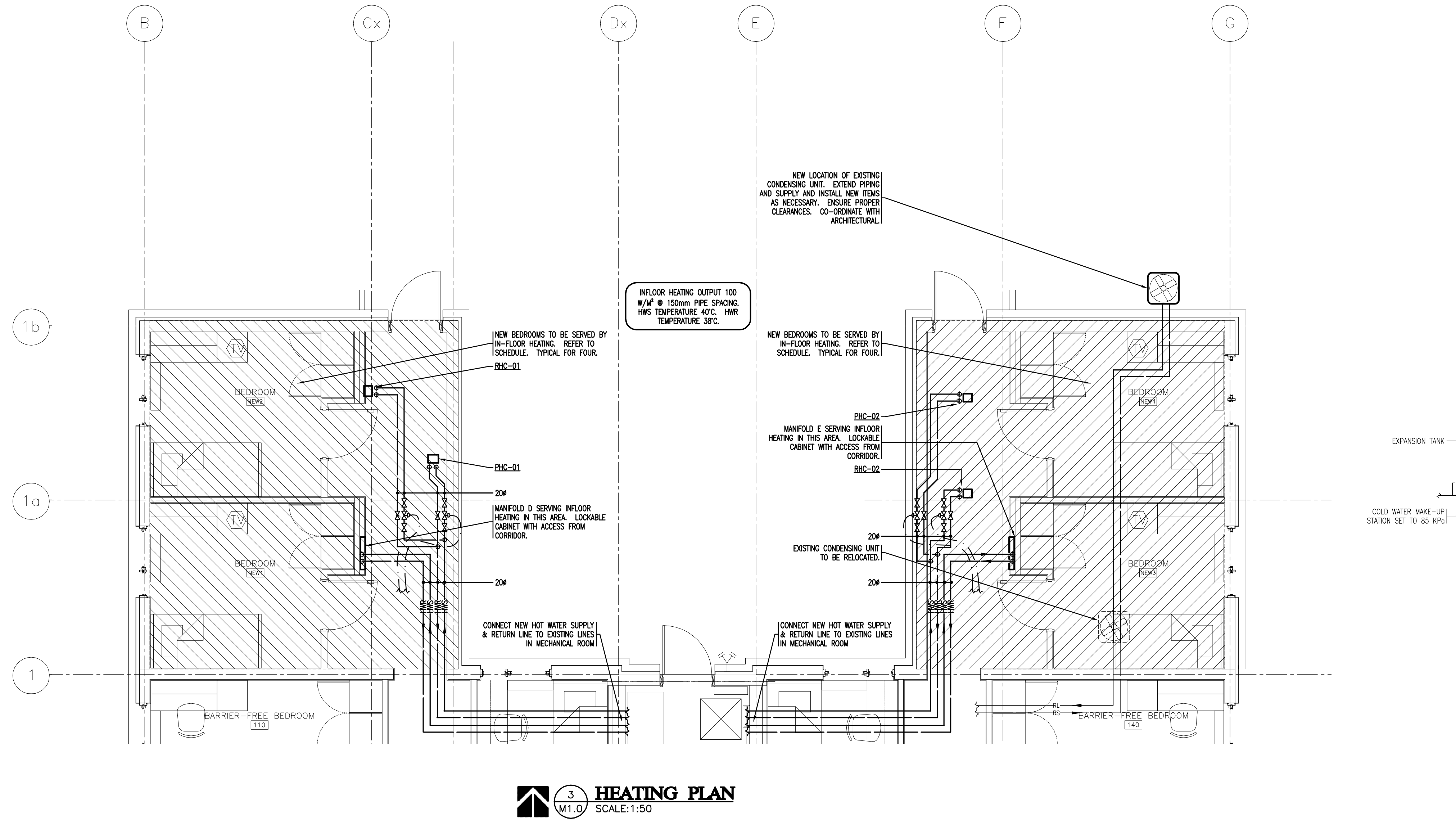
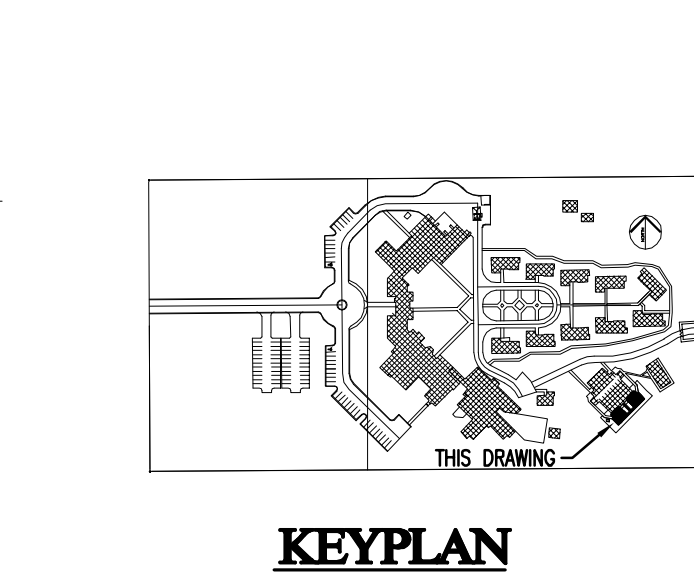
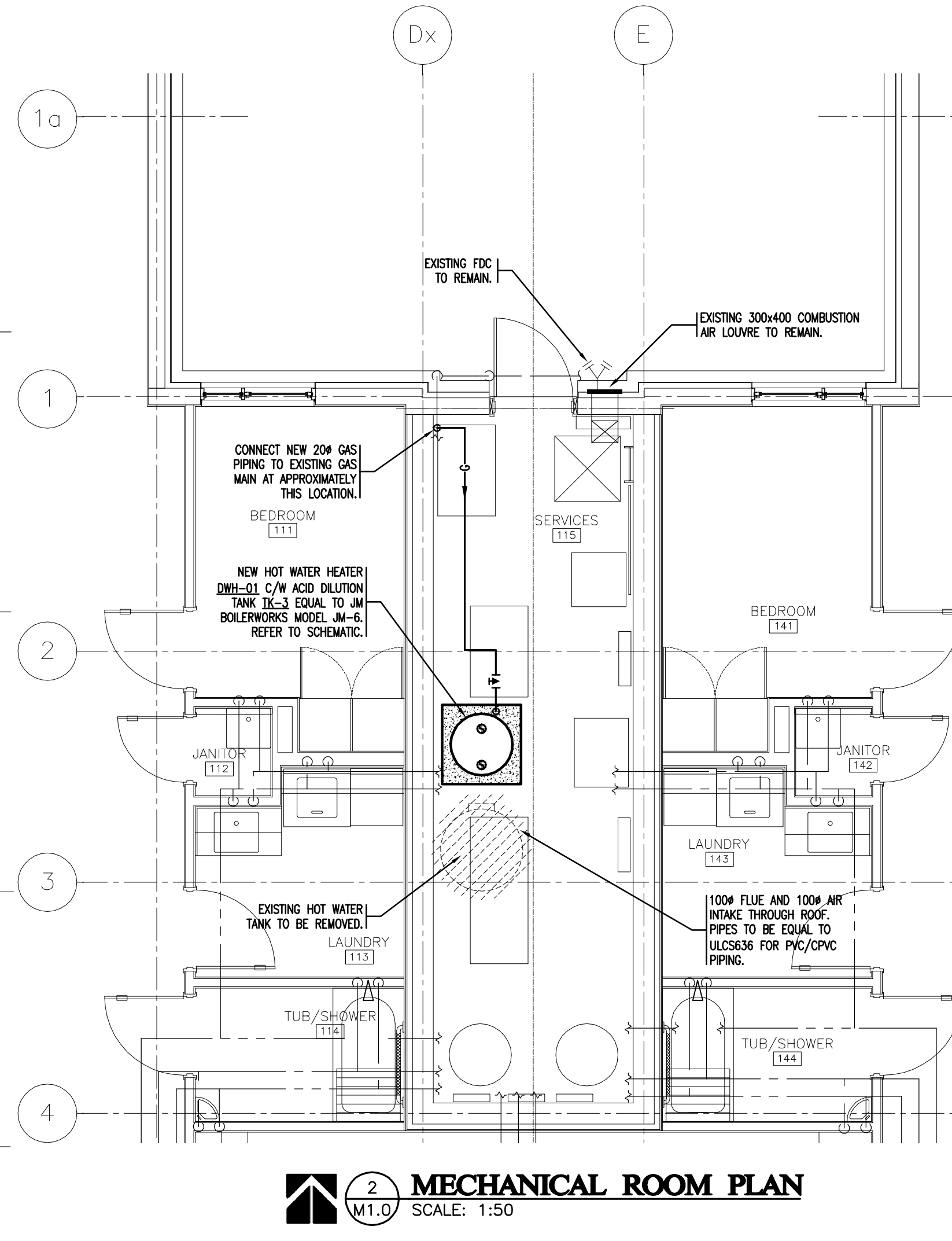
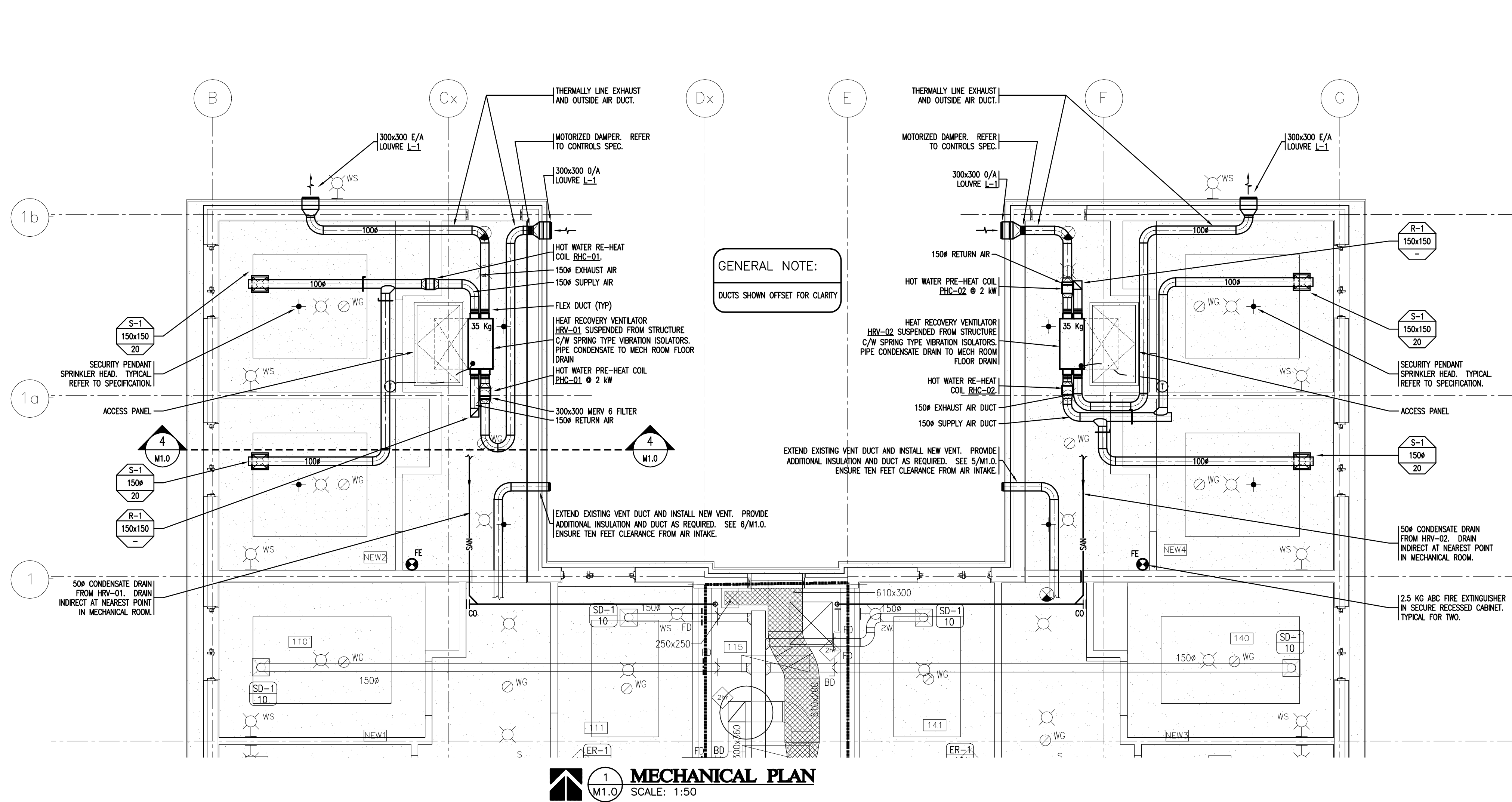


MECHANICAL LEGEND		
PIPE DOWN FROM LEVEL ABOVE / DOWN TO LEVEL BELOW		
PIPE UP FROM LEVEL BELOW / UP TO LEVEL ABOVE		
VENT UP FROM LEVEL BELOW / UP TO LEVEL ABOVE / UP TO CAP		
FLOW DIRECTION		
ELBOW RISING		
TOP TAKEOFF / BOTTOM TAKEOFF		
SEE TEST		
ELBOW DROPPING		
SHUTOFF VALVE		
SHUTOFF VALVE VERTICAL MOUNT		
FLOW BALANCING VALVE		
CHECK VALVE		
PLUG VALVE		
2-WAY CONTROL VALVE		
3-WAY CONTROL VALVE		
MECHANICAL PRESSURE REDUCING VALVE		
LOCKING VALVE		
SOLENOID VALVE		
RELIEF VALVE		
UNION OR FLANGE		
FLEXIBLE CONNECTION		
AUTOMATIC AIR VENT		
STRAINER		
CAP OR PLUG		
PUMP		
NEW THERMOSTAT / THERMOSTAT C/W GUARD / HUMIDISTAT		
SWITCH		
THERMISTAT/THERMISTAT & PRESSURE WELL		
PRESSURE GAUGE/PRESSURE TAP		
FLOW METER		
FLOW SWITCH		
HEATING WATER SUPPLY		
HEATING WATER RETURN		
GLYCOL/WATER HEATING SUPPLY		
GLYCOL/WATER HEATING RETURN		
PIPE ANCHOR / PIPE CLAMP		
FIRE EXTINGUISHER C/W CABINET (TYPE NOTED)		
FIRE HOSE CABINET		
SAMESE CONNECTION		
FIRE PROTECTION SUPPLY		
SPRINKLER SUPPLY		
SPRINKLER HEAD-UPROUT		
SPRINKLER HEAD-POUNDER		
SPRINKLER HEAD-SIDEWALL		
SPRINKLER HEAD-FLUSH MOUNTED		
SANITARY DRAIN		
STORM DRAIN		
VENT PIPE		
INDIRECT DRAIN		
DOMESTIC COLD WATER		
DOMESTIC HOT WATER		
DOMESTIC HOT WATER RECHG.		
GAS-LOW PRESSURE		
CLEANOUT / FLOOR CLEANOUT		
SUPPLY DUCT (UP & DOWN)		
RETURN DUCT (UP & DOWN)		
EXHAUST (UP & DOWN)		
OUTDOOR AIR (UP & DOWN)		
ROUND DUCT (UP & DOWN)		
FLEXIBLE DUCT CONNECTION		
BALANCING DAMPER		
OPPOSED BLADE DAMPERS		
MOTORIZED DAMPER		
SUPPLY OUTLET		
SQUARE DIFFUSER / ROUND DIFFUSER		
RETURN OR EXHAUST INLET (WALL TYPE)		
RETURN GRILLE / EXHAUST GRILLE		
FIRE DAMPER OR SMOKE DAMPER		
TURNING VANES		
ACCESTIC LINED DUCTWORK		
ACCESS DOOR		
EQUIPMENT NUMBER		
AIR OUTLET OR INLET		
TYPE		
SIZE (MM)		
CAPACITY (L/S)		
SCHEDULE FOR NATURAL GAS UTILITY		
EQUIPMENT	WHP (MM)	MINIMUM DISTANCE BETWEEN GAS LINE AND UNDERGROUND SERVICES - 200mm
EXISTING	177	
CHNH-1	73.2	MAXIMUM DISTANCE BETWEEN ROOMING GAS LINE ABOVE MECHANICAL ROOM FLOOR - 150mm
TOTAL	250.2	
PRIOR TO COMMENCING INSTALLATION WITHIN THE BUILDING, VERIFY THE LOCATION AND INVERT ELEVATIONS OF SERVICE LINES INCLUDING SANITARY SEWER, STORM SEWER, WATER MAINS, AND GAS MAINS WITH AUTHORITIES HAVING JURISDICTION TO ENSURE SERVICES CAN BE INSTALLED AS SHOWN.		

- GENERAL NOTES:
- DEMOLITION AND CONSTRUCTION SHALL BE COORDINATED WITH GENERAL CONTRACTOR.
  - COORDINATE ALL REQUIRED WORK WITH ARCHITECTURAL, STRUCTURAL, AND ELECTRICAL DRAWINGS.
  - CONTRACTOR SHALL CONFIRM / COORDINATE ALL WORK AS SHOWN OR DESCRIBED ON DRAWINGS ON SITE PRIOR TO CONSTRUCTION.
  - EQUIPMENT AND ASSOCIATED ACCESSORIES, DUCTING, AND PIPING ASSOCIATED AS COLLECTED NOTES REMAIN, FROM SITE UNLESS OTHERWISE NOTED. REVIEW DISPOSAL REQUIREMENTS OF ALL EQUIPMENT WITH OWNER.
  - PRIOR TO COMMENCING INSTALLATION WITHIN THE BUILDING, VERIFY THE LOCATION AND INVERTS OF SERVICE LINES INCLUDING SANITARY/STORM SEWER, WATER MAINS, AND GAS LINES WITH AUTHORITIES HAVING JURISDICTION TO ENSURE NEW SERVICES CAN BE INSTALLED AS SHOWN.
  - TURN OVER ALL REQUIRED PLUMBING FIXTURES TO OWNER.
  - REMOVE ALL EXISTING MECHANICAL COMPONENTS IN RENOVATED AREAS AND LOWER LEVELS REQUIRED. REMOVE ANY PIPING AND DUCTWORK BACK TO EXISTING MAINS AND CAP.
  - TEXT DESCRIPTIONS SHOWN IN LINES INDICATE EXISTING ITEMS. TEXT DESCRIPTIONS SHOWN IN DARK INDICATE NEW ITEMS, EXCEPT WHERE NOTED.
  - THESE DRAWINGS HAVE BEEN PRODUCED USING THE FOLLOWING:  
9.1. INFORMATION COLLECTED BY HES PERSONNEL IN JANUARY 2011.  
9.2. EXISTING DRAWINGS PRODUCED BY CHORLEY AND BISSET IN 2000.



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4		
3		
2	ISSUED FOR TENDER	2013 MAR15
1	TENDER ISSUE	2011 JUN14
0	Client Review	2011 FEB08
Revision/	Description/Description	Date/Date

EDMONTON ALBERTA  
Correctional Services Canada

11151 178 St. NW  
Edmonton, AB T5S 2N8

Project title/Titre du projet

EDMONTON INSTITUTION FOR WOMEN  
4 Unit ADDITION OF  
Structured Living Environment Unit (SLE)

Approved by/Approuvé par

DJC

Designed by/Concept par

WJH

Drawn by/Dessiné par

ZAB/WJH

Reviewed by/Examiné par

LTN

PWSC Project Manager/Administrateur de Projets TPSCC

PWSC Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie, TPSCC

Client/Client

Drawing title/Titre du dessin

MECHANICAL PLANS  
AND SCHEMATICS

Project No./No. du projet

R.030502.001

Sheet no./  
La Planche  
no.

M1.0

1 OF 2

Revision no./  
La Révision  
no.

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