

[illegible]

SEAL

PRELIMINARY DOCUMENTS
NOT FOR CONSTRUCTION

KEY PLAN

SCALE

$$1'' = 100'-0''$$
[illegible]

No.	Description	Date
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REVISIONS	
DRAWN BY	HAT
APPROVED BY	LTE
CHECKED BY	LTE
DATE	03/19/2014

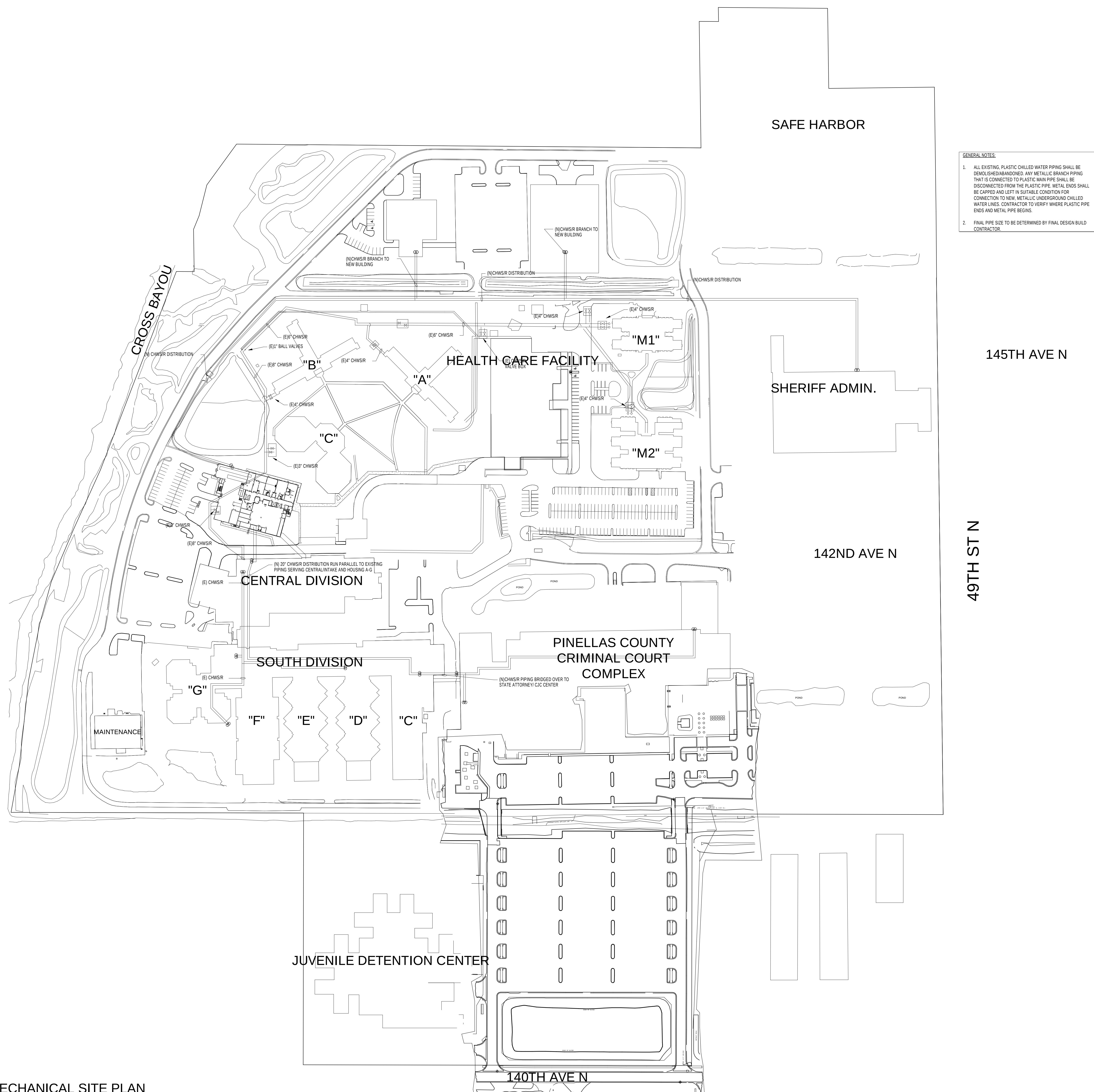
TITLE

MECHANICAL SITE
PLAN

PROJECT NO.	50057109
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M-001

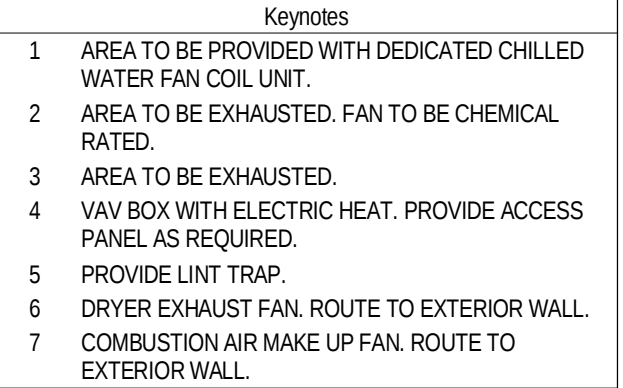
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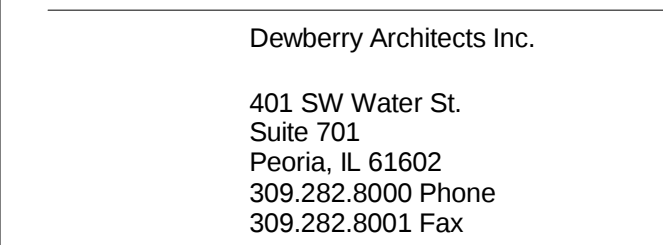
1 MECHANICAL SITE PLAN

Scale: 1" = 100'-0"

Scale: 1" = 100'-0"



SHEET NO. _____



Pinellas County
Pinellas County Jail Phase I
Infrastructure Criteria Package - Drawings
114400 North 49th Street
Clearwater, FL.

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SCALE

$$1/8'' = 1'-0''$$
[illegible]

No.	Description	Date
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DATE 03/19/2014

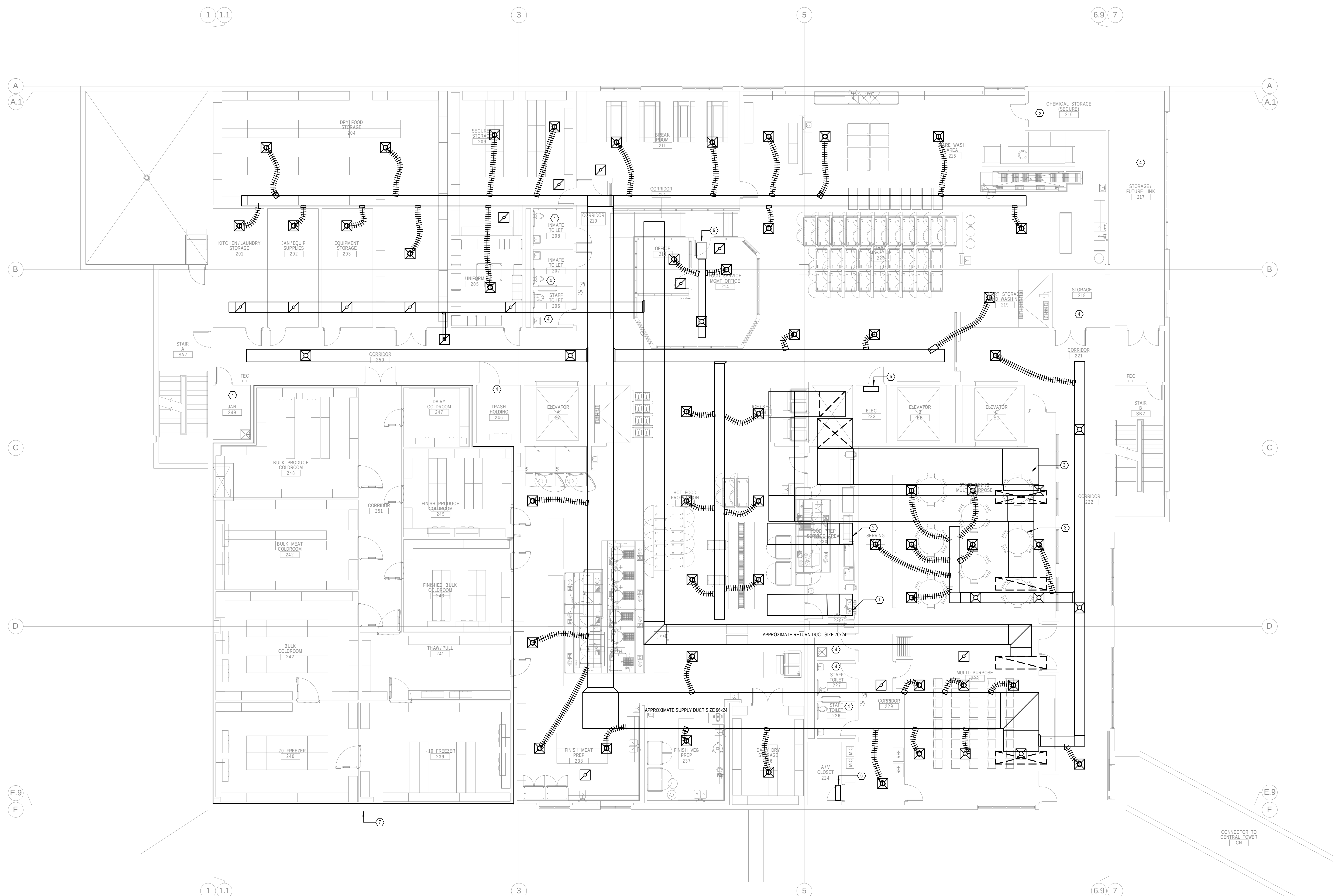
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SECOND FLOOR MECHANICAL PLAN

PROJECT NO.	50057109
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M-120

SHEET NO.



1 SECOND FLOOR MECHANICAL PLAN
Scale: 1/8" = 1'-0"

Scale: $1/8" = 1'-0"$

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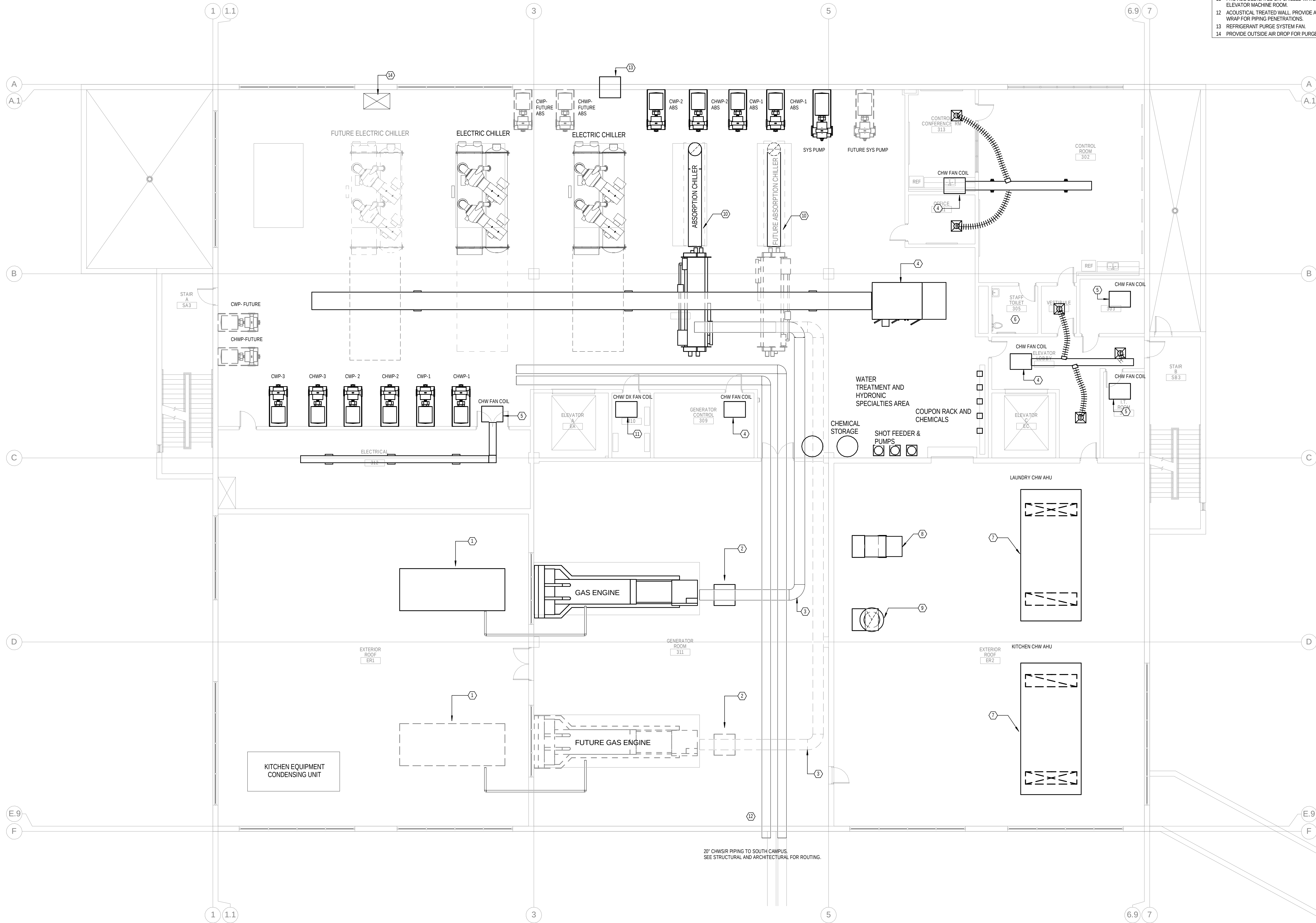
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1 THIRD FLOOR PIPING PLAN
Scale: 1/8" = 1'-0"

- Keynotes
- 1 GENERATOR RADIATOR, PIPE TO AND FROM GENERATOR.
 - 2 THREE-WAY CATALYST INSTALLED ON EXHAUST GAS PIPE.
 - 3 ROUTE EXHAUST GAS PIPE SHORTEST DISTANCE TO ABSORPTION CHILLER.
 - 4 NEW CHILLED WATER FAN COIL UNIT. ROUTE OUTSIDE AIR THROUGH ROOF. COORDINATE ROOF PENETRATIONS WITH STRUCTURAL.
 - 5 AREA TO BE PROVIDED WITH DEDICATED CHILLED WATER FAN COIL UNIT.
 - 6 AREA TO BE EXHAUSTED.
 - 7 ROOFTOP CHILLED WATER AIR HANDLER. PROVIDE MANUFACTURER'S CLEARANCES. SUPPLY AND RETURN DUCTING PENETRATIONS TO BE COORDINATED WITH STRUCTURE.
 - 8 ROOFTOP MAKE UP FAN FOR KITCHEN EQUIPMENT. COORDINATE WITH KITCHEN DESIGNER. COORDINATE ROOF PENETRATIONS WITH STRUCTURAL.
 - 9 ROOFTOP EXHAUST FAN FOR KITCHEN EQUIPMENT. COORDINATE WITH KITCHEN DESIGNER. COORDINATE ROOF PENETRATIONS WITH STRUCTURAL.
 - 10 ROUTE ABSORPTION CHILLER EXHAUST THROUGH ROOF TO MUFFLER. COORDINATE ROOF PENETRATIONS WITH STRUCTURAL.
 - 11 PROVIDE DEDICATED DX CHILLED WATER UNIT FOR ELEVATOR MACHINE ROOM.
 - 12 ACOUSTICAL TREATED WALL. PROVIDE ACOUSTICAL WRAP FOR PIPING PENETRATIONS.
 - 13 REFRIGERANT PURGE SYSTEM FAN.
 - 14 PROVIDE OUTSIDE AIR DROP FOR PURGE SYSTEM.



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ARC³
architecture



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DATE 03/19/2014

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THIRD FLOOR
MECHANICAL
PLAN

PROJECT NO. 50057109

M-130

SHEET NO.

No.	Description	Date
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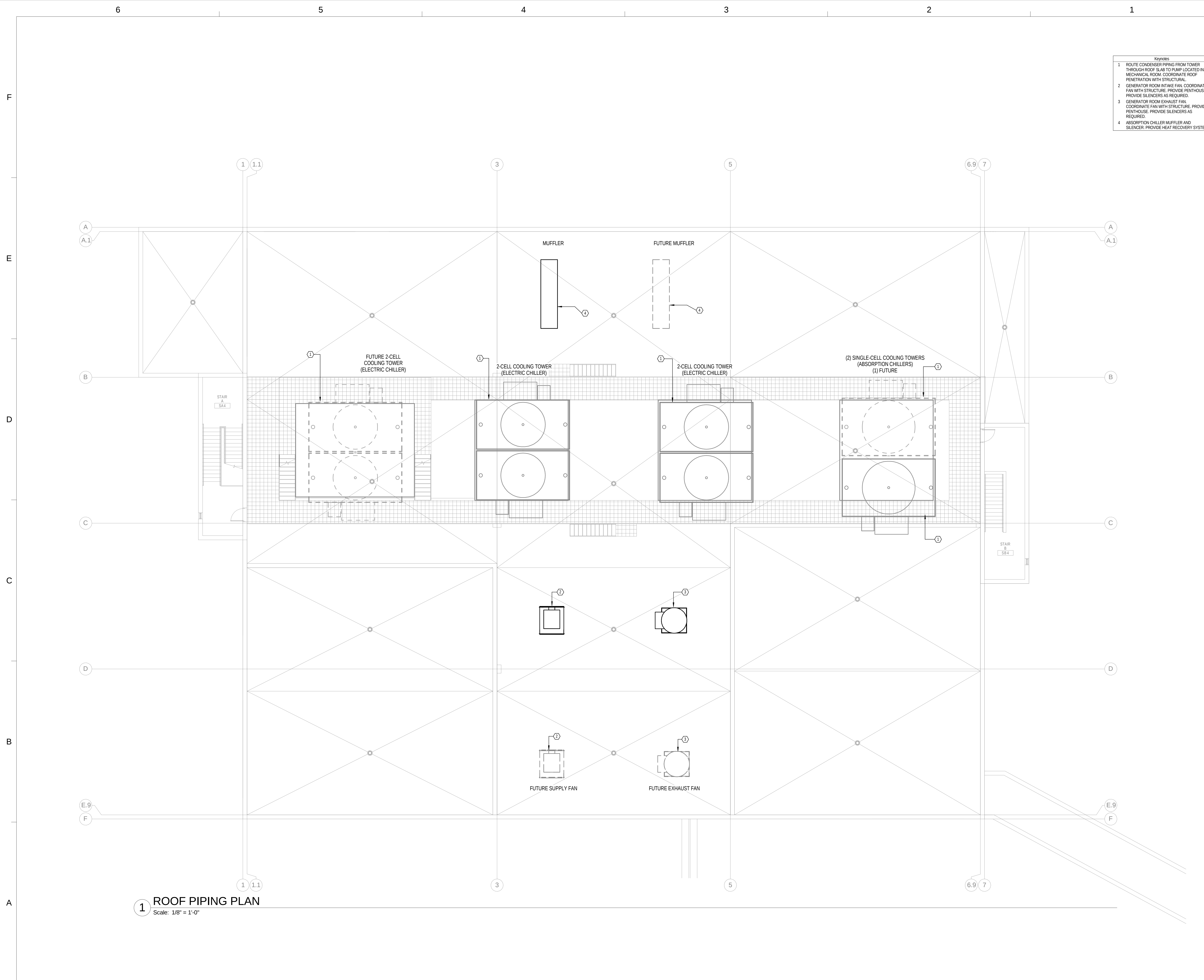
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ROOF MECHANICAL PLAN

PROJECT NO.	50057109
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M-140

SHEET NO.



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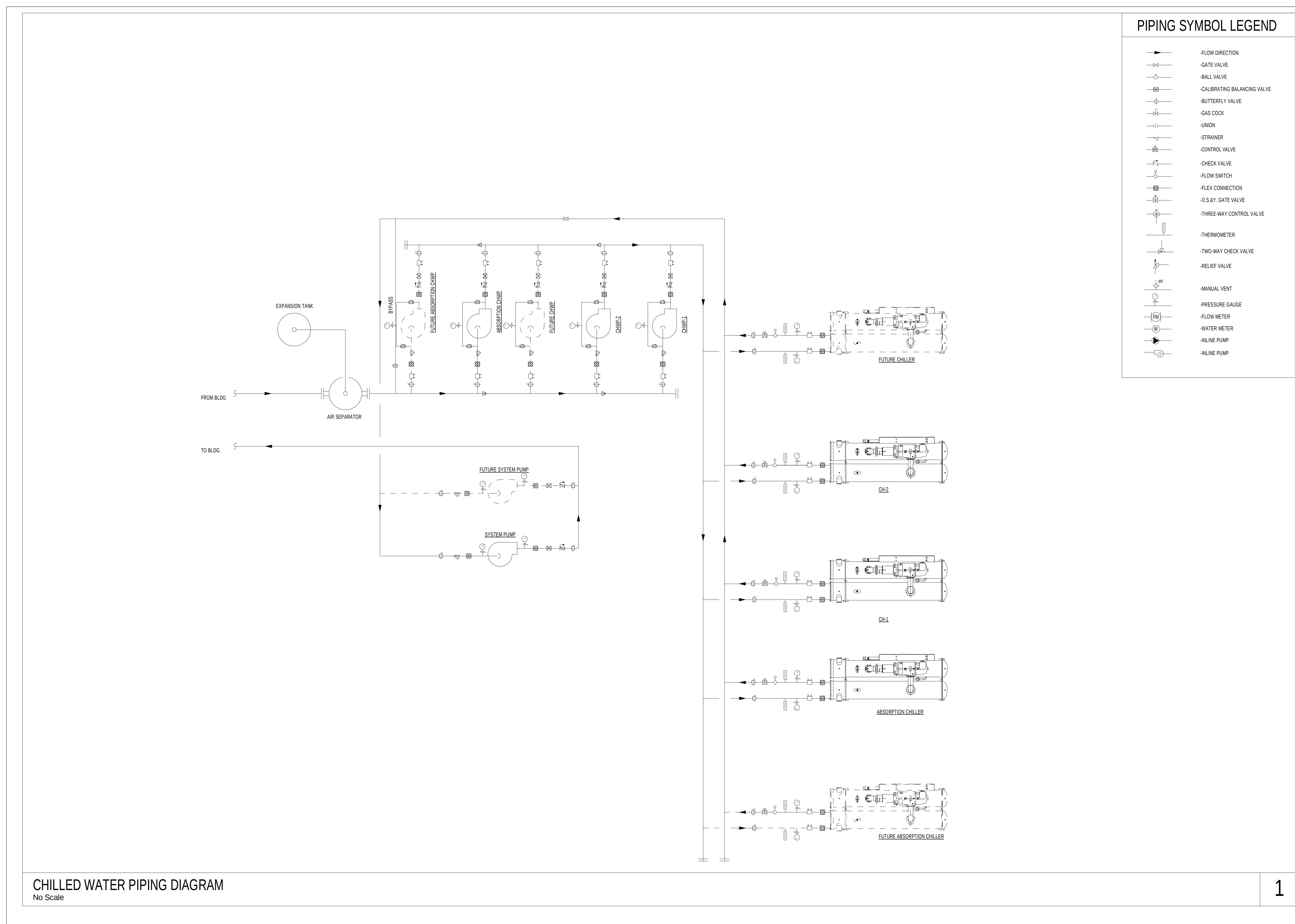
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MECHANICAL DIAGRAMS

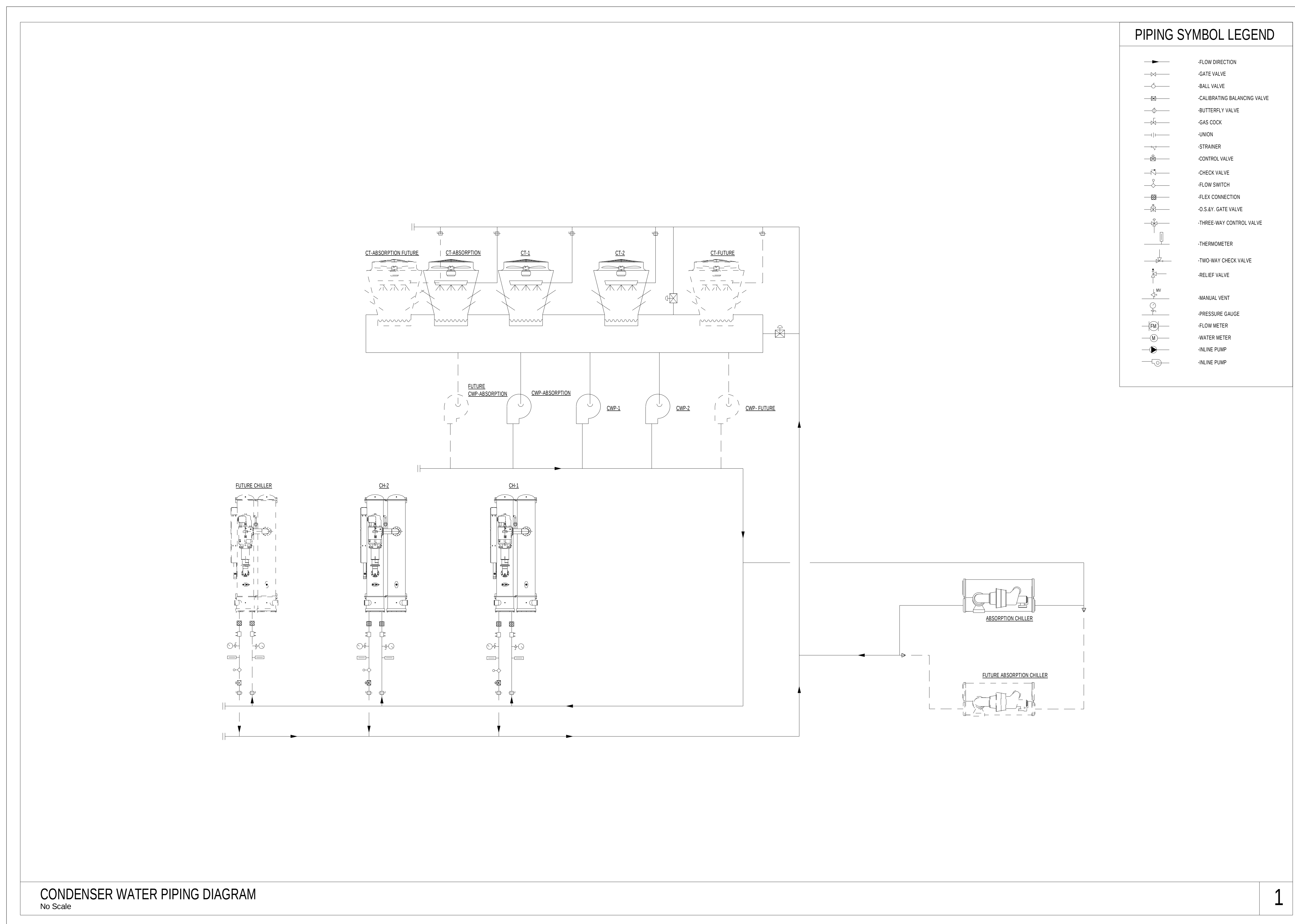
PROJECT NO.	50057109
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M-200

SHEET NO.



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Pinellas County
Pinellas County Jail Phase I
Infrastructure Criteria Package - Drawings
1114400 North 49th Street
Clearwater, FL

SEAL

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KEY PLAN

SCALE

NOT TO SCALE

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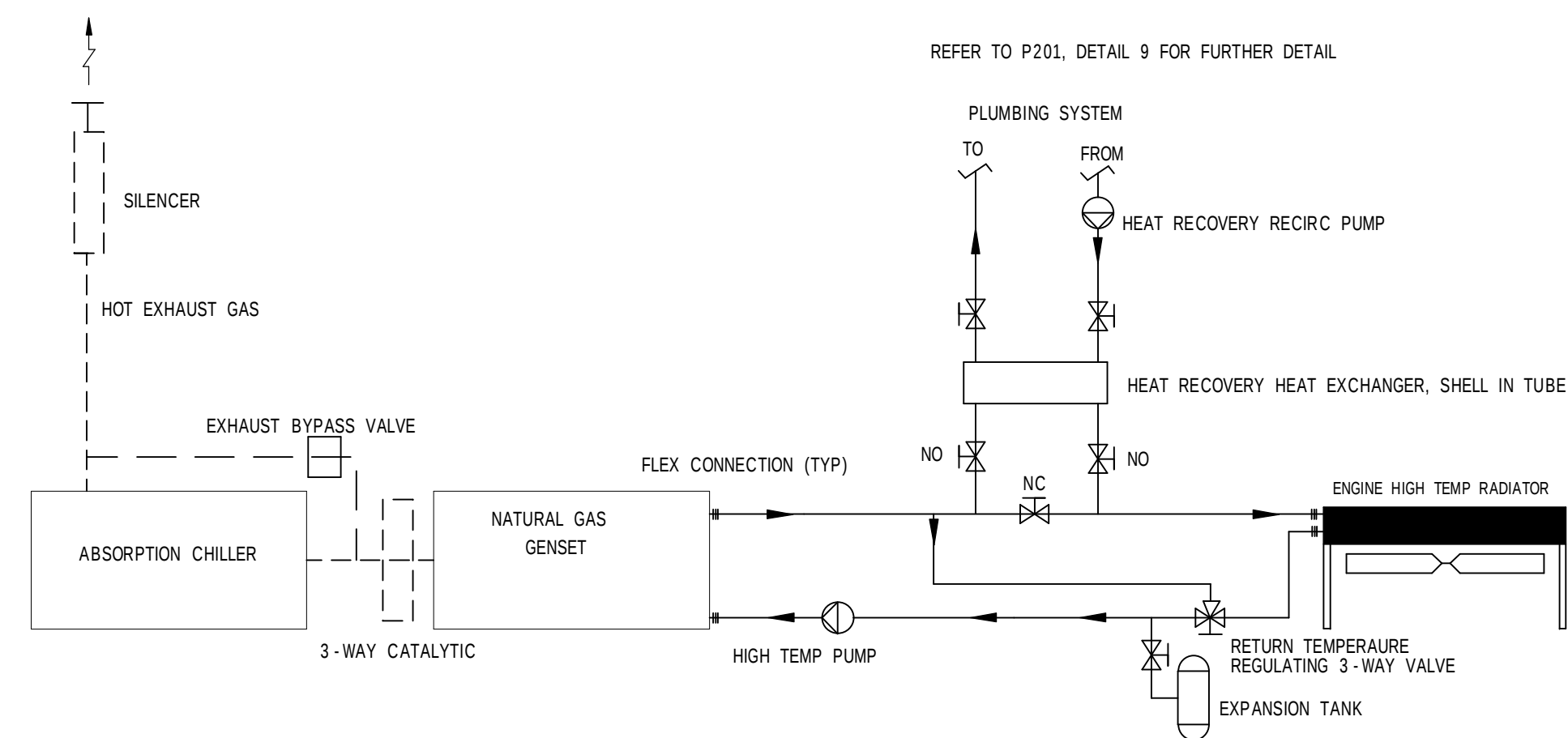
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MECHANICAL DIAGRAMS

PROJECT NO.	50057109
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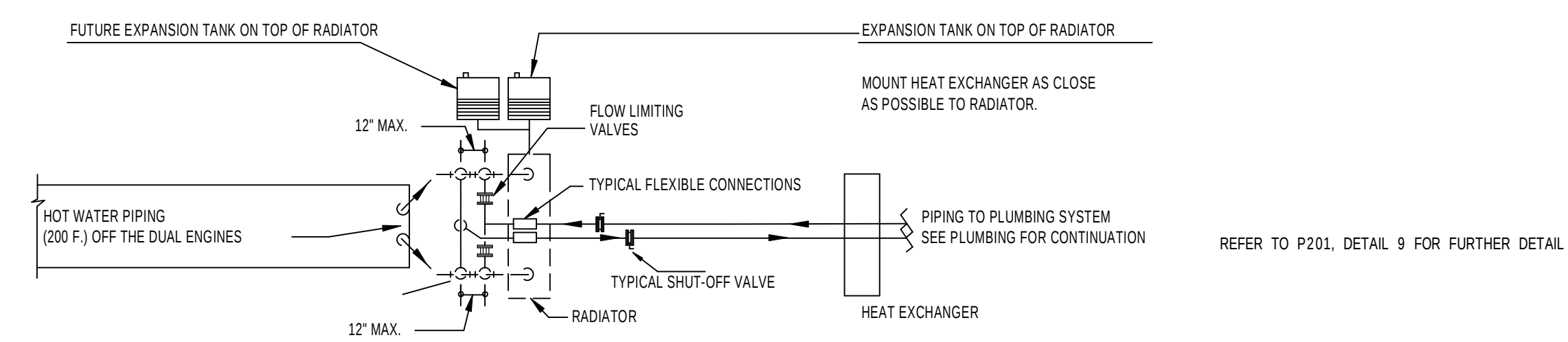
M-202

SHEET NO.



COGENERATOR DIAGRAM

1



COGENERATOR DIAGRAM

2

