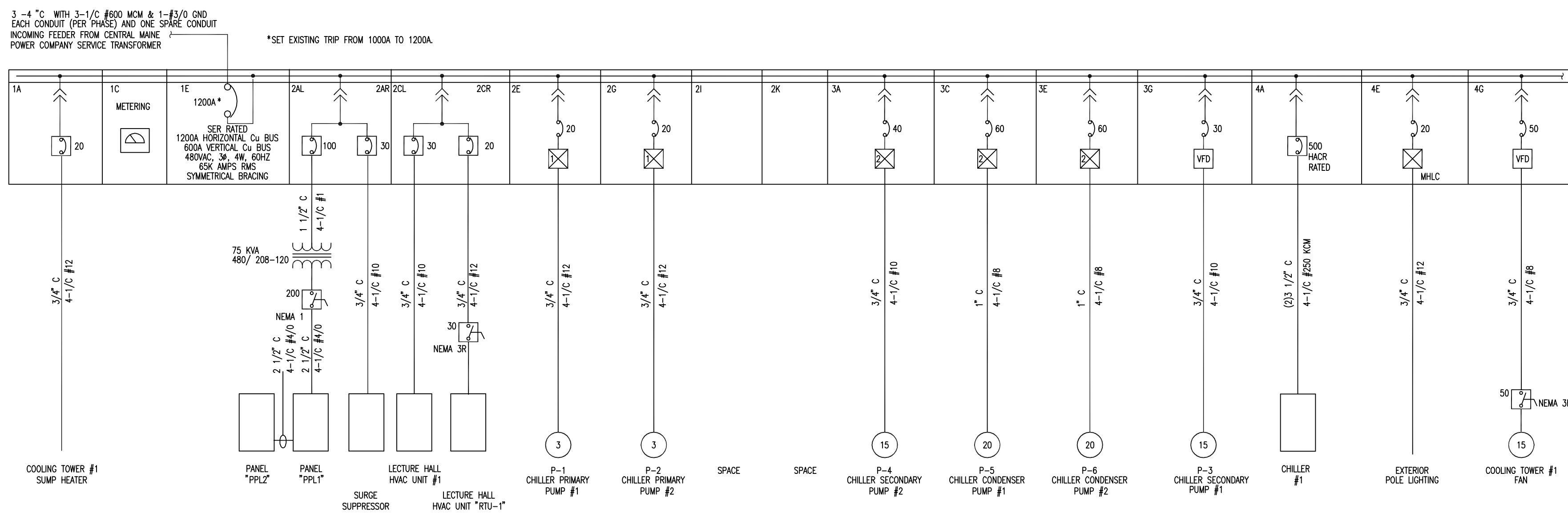
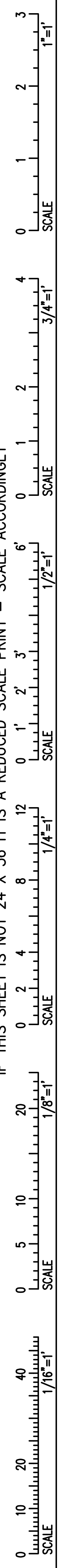
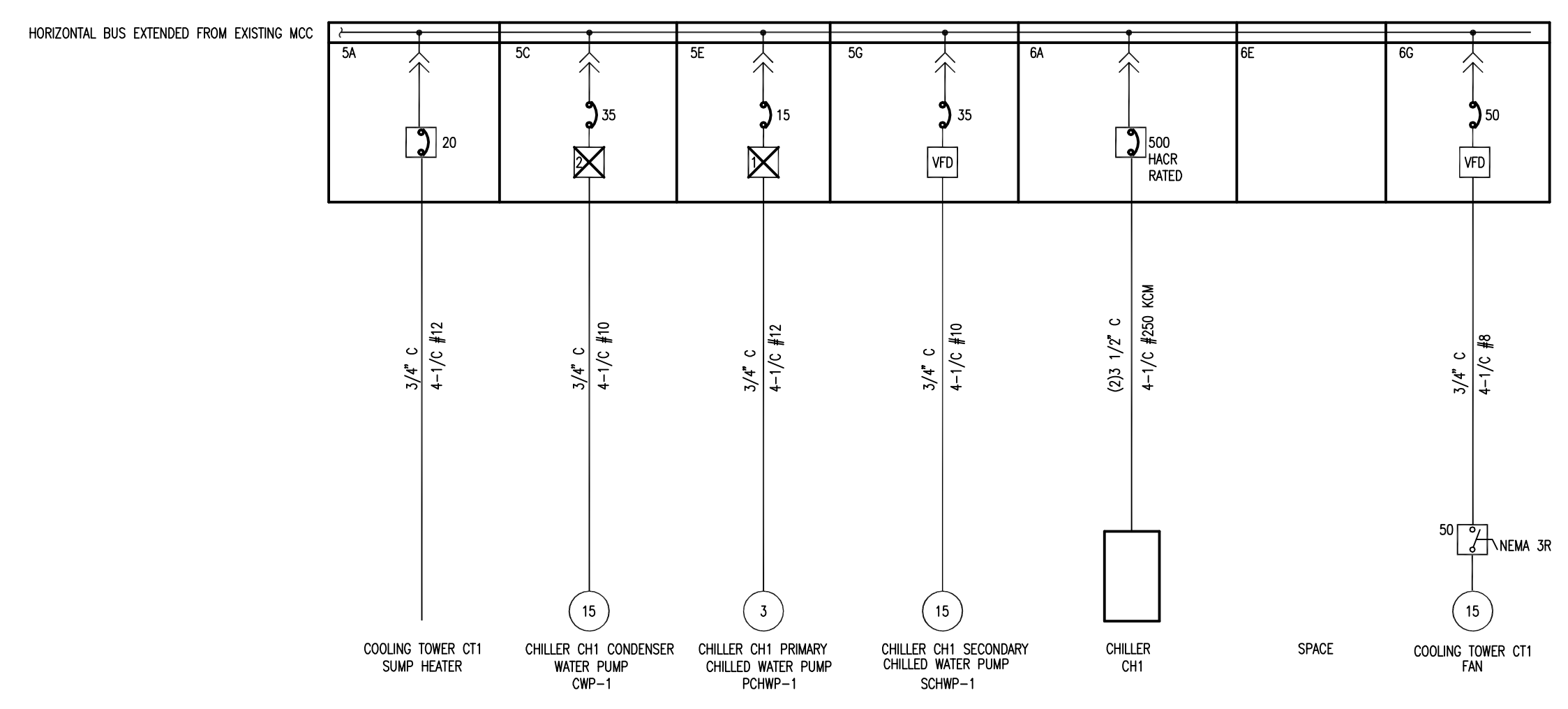


IF THIS SHEET IS NOT 24 X 36 IT IS A REDUCED SCALE PRINT - SCALE ACCORDINGLY



1 EXISTING MCC RISER DIAGRAM
No Scale



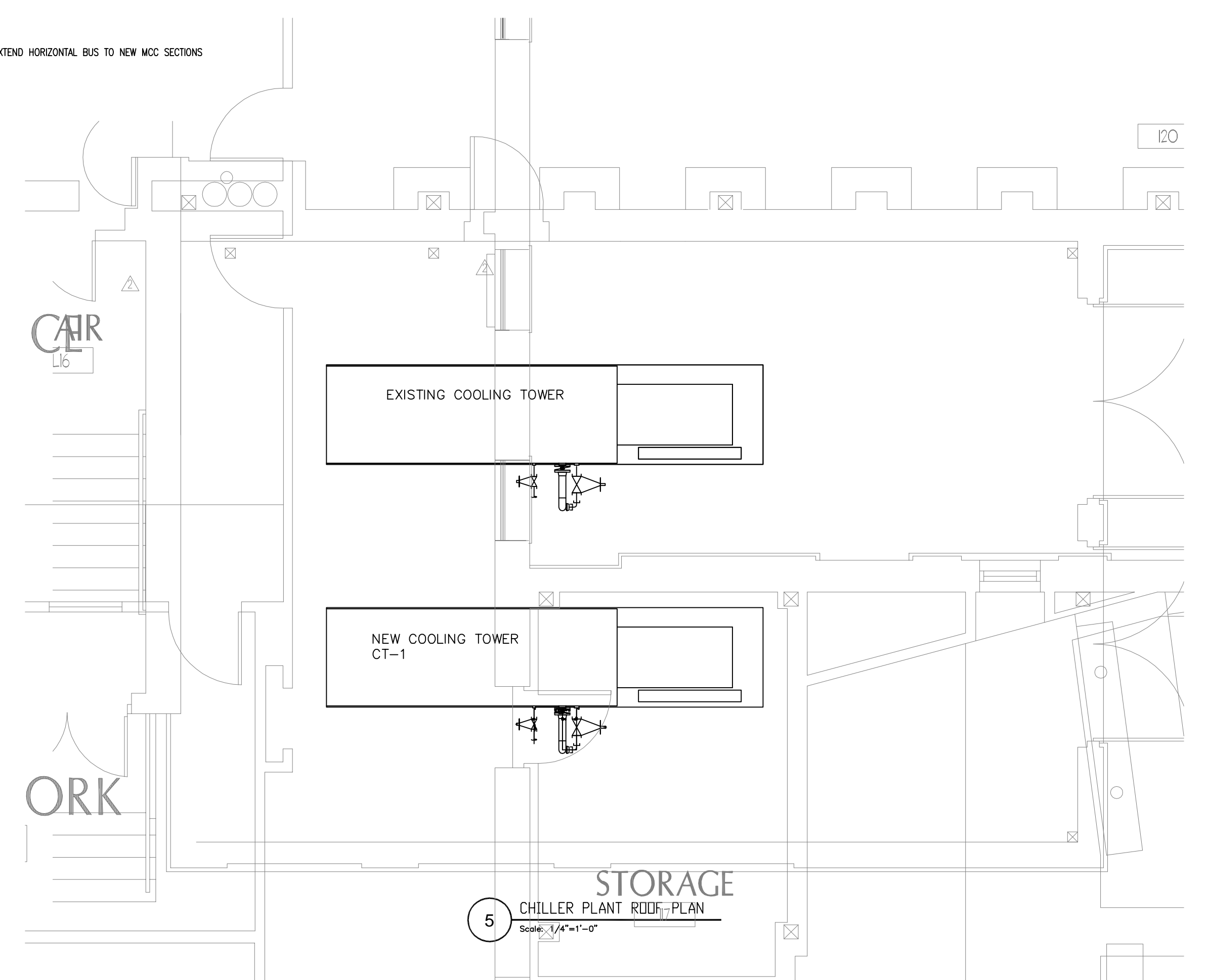
2 NEW MCC SECTIONS RISER DIAGRAM
No Scale

1X SPACE FACTOR = 6"	1	2	3	4	5	6
A	1A COOLING TOWER #1 SUMP HEATER 20A BKR	2AL PANEL "PPLA" 100A BKR	2AR SURGE SUPPRESS 30A BKR	3A P-4 CHILLER SECONDARY PUMP #2 SIZE 2 FVNR	4A CHILLER #1 500A BKR	6A CHILLER CH1 500A BKR
B	1C METERING	2CL 1000A BKR	2CR HVAC UNIT "HAC-1" 20A BKR	3C P-5 CHILLER CONDENSER PUMP #1 SIZE 2 FVNR	4C EXTERIOR POLE LIGHTING MHC 20A BKR	6C SPACE
C	1E 1000A MAIN CIRCUIT BREAKER	2E P-1 CHILLER PRIMARY PUMP #1 SIZE 1 FVNR	2F HVAC UNIT "HAC-1" 20A BKR	3E P-6 CHILLER CONDENSER PUMP #2 SIZE 2 FVNR	4E EXTERIOR POLE LIGHTING MHC 20A BKR	6E SPACE
D		2G P-2 CHILLER PRIMARY PUMP #2 SIZE 1 FVNR	2H SPACE	3G P-3 CHILLER SECONDARY PUMP #1	4G COOLING TOWER #1 FAN	6G SPACE
E		2I SPACE	2J SPACE	3H VFD	4H VFD	6H VFD
F		2K SPACE	2L SPACE	3I VFD	4I VFD	6I VFD
G				3J VFD	4J VFD	6J VFD
H				3K VFD	4K VFD	6K VFD
I				3L VFD	4L VFD	6L VFD
J				3M VFD	4M VFD	6M VFD
K				3N VFD	4N VFD	6N VFD
L				3O VFD	4O VFD	6O VFD

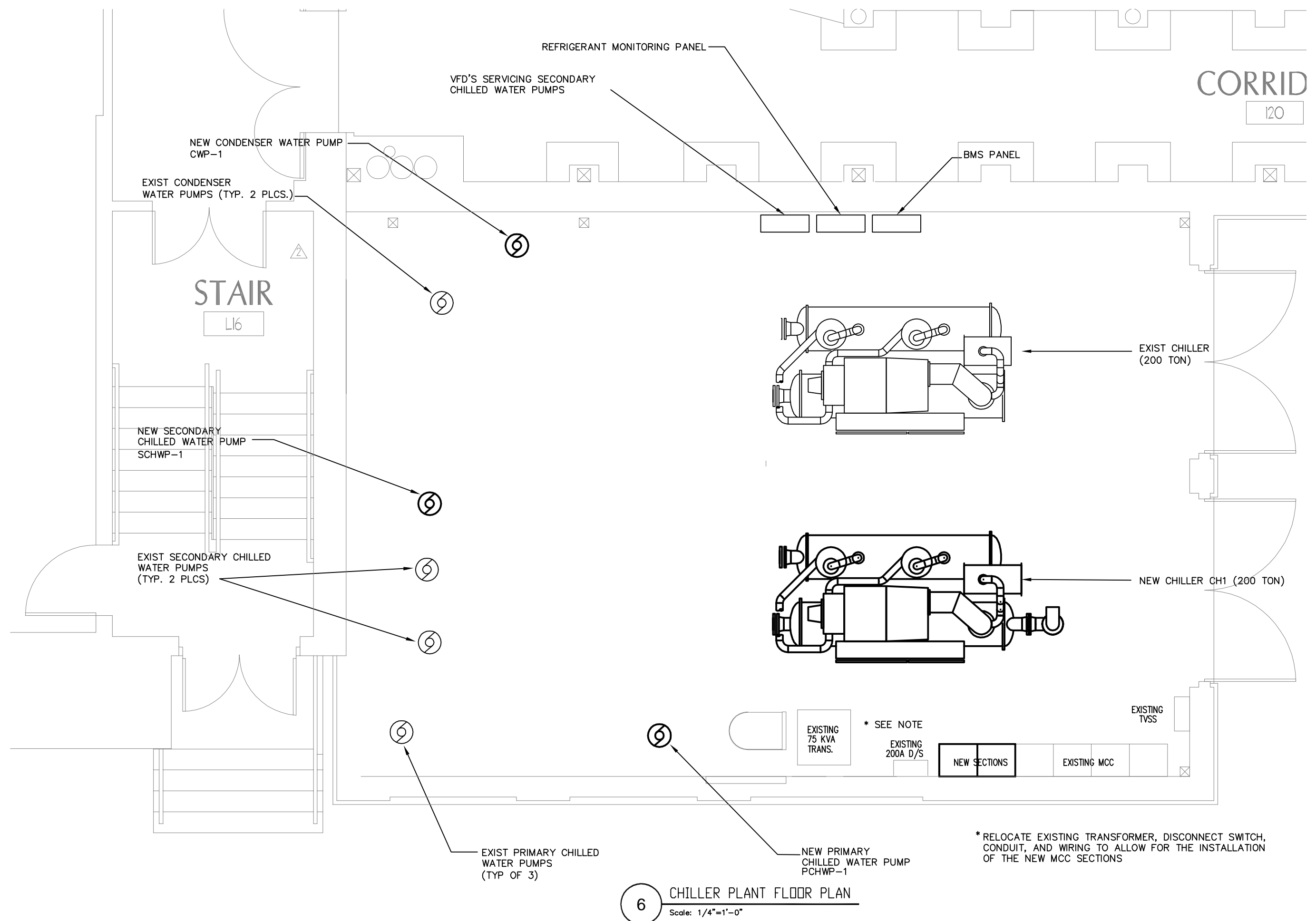
3 EXISTING MCC FRONT ELEVATION
No Scale

4 NEW SECTIONS FRONT ELEVATION
No Scale

- LEGEND:
- 60 AMP CIRCUIT BREAKER
 - COMBINATION MOTOR STARTER SIZE 1, NON-REVERSING WITH MOTOR CIRCUIT PROTECTOR (MAG-SARD) 7 AMP CONTACT RATING
 - MECHANICALLY HELD (LIGHTING) CONTACTOR, WITH 30 AMP CIRCUIT BREAKER
 - 30 AMP FUSED DISCONNECT SWITCH
 - 30 AMP NON-FUSED DISCONNECT SWITCH
 - 20 HORSEPOWER SQUIRREL CAGE MOTOR

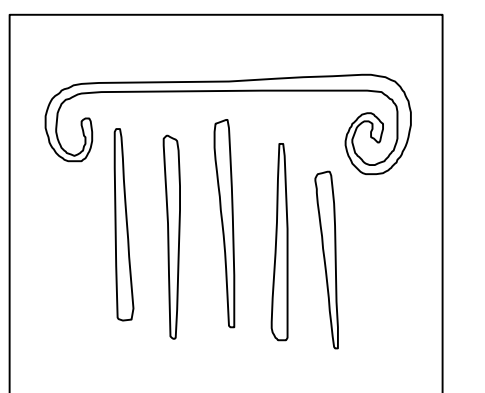


5 CHILLER PLANT ROOF PLAN
Scale: 1/4"=1'-0"



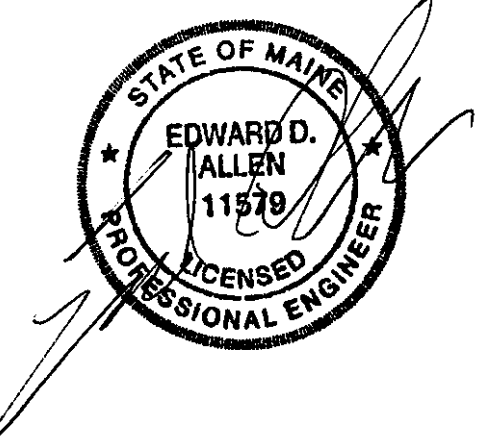
6 CHILLER PLANT FLOOR PLAN
Scale: 1/4"=1'-0"

*RELOCATE EXISTING TRANSFORMER, DISCONNECT SWITCH, CONDUIT, AND WIRING TO ALLOW FOR THE INSTALLATION OF THE NEW MCC SECTIONS



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PROJECT NO.: 2007120.00

BECKER structural engineers, inc.

SYTDesign CONSULTANTS
CIVIL ENGINEERING & LANDSCAPE ARCHITECTURE

ALLIED/COOK CONSTRUCTION

Favreau Electric

Titan Mechanical, Inc.
Design-Build Engineering - Mechanical Contracting

#	DATE	DESCRIPTION
		PERMIT SET
	01/24/08	Date Issued
	06506	Project Number

SHEET NAME
CHILLER PLANT ELECTRICAL POWER PLAN

Drawn By
AMM
Checked By
MER

E6.0

PERMIT SET - NOT FOR CONSTRUCTION