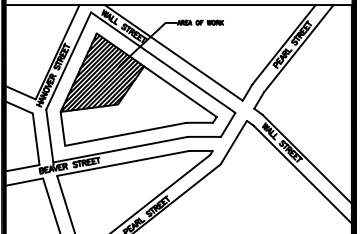


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M-101

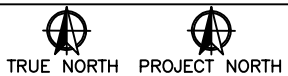
# 63 WALL CELLAR COGENERATION MECHANICAL FLOW DIAGRAM

SCALE: NTS

NO.	DATE	REVISION DESCRIPTION



PROJECT MAP



CLIENT:

AEGIS ENERGY SERVICES, INC.  
55 JACKSON STREET  
HOLYOKE, MA 01040  
TEL.: 413-536-1156  
FAX: 413-536-1104  
ATTN: MR. KEVIN MAY

ALL DRAWINGS ARE TO  
BE READ NOT SCALED.

STATEMENT:

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER/ARCHITECT, TO ALTER IN ANY WAY, ANY ITEM ON THESE DRAWINGS. IF AN ITEM BEARING THE SEAL OF AN ENGINEER/ARCHITECT IS ALTERED, THE ALTERING ENGINEER/ARCHITECT SHALL AFFIX TO THIS ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS/HER SIGNATURE AND THE DATE OF SUCH ALTERATION, ALONG WITH A SPECIFIC DESCRIPTION OF THE ALTERATION ON THE DRAWING.

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PHONE: (516) 561-5922 FAX:  
(516) 823-0219 EMAIL:  
SUPPORT@BEP.US  
WEB: WWW.BEPC.US

PROJECT

63 WALL STREET  
COGENERATION PROJECT  
63 WALL STREET  
NEW YORK, NY 10005

DRAWING TITLE:

63 WALL CELLAR  
COGENERATION  
MECHANICAL FLOW  
DIAGRAM

DESIGN BY:	KM	DATE:	12/18/17
DRN BY:	KM	DATE:	6/8/17
CKD BY:	KM	DATE:	6/8/17
FINAL CKD BY:	AD	DATE:	6/8/17
SCALE:	AS NOTED	DATE:	

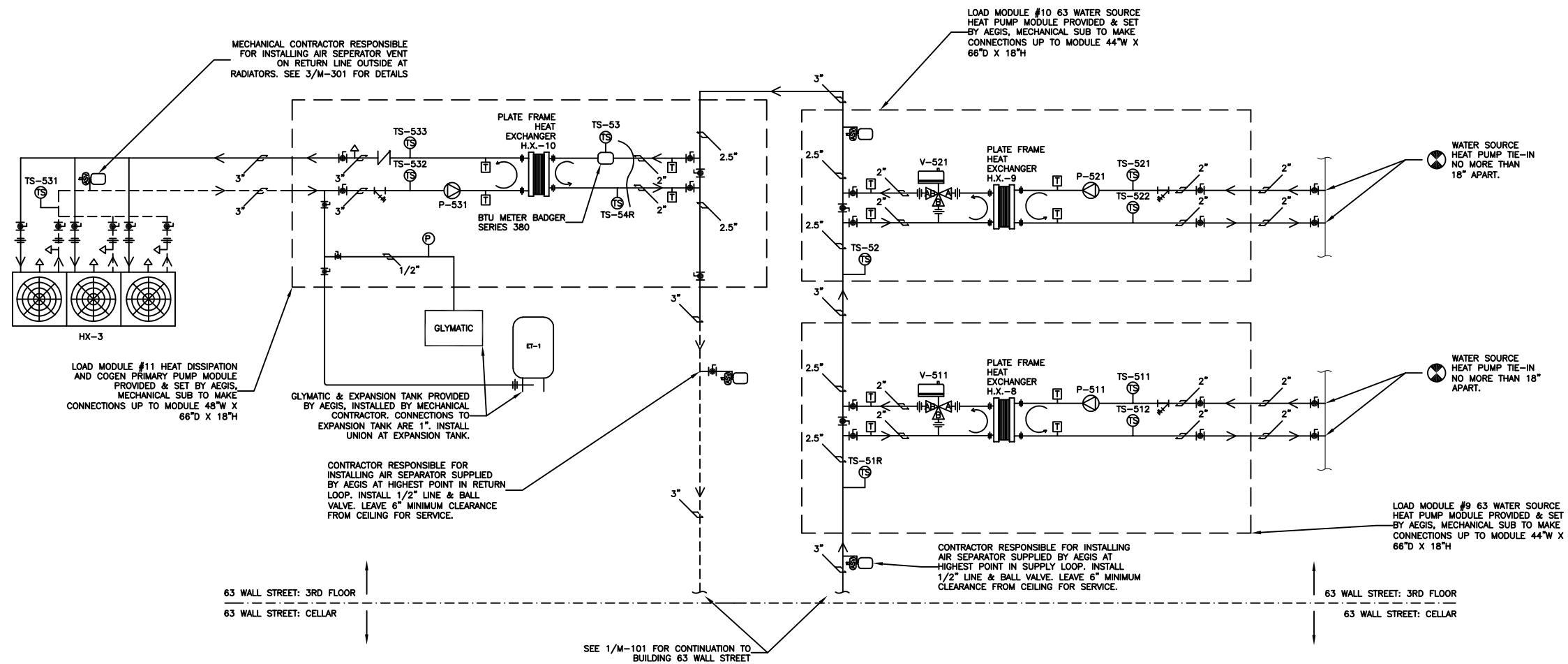
DWG No. PAGE 4 OF 21

M-101.00

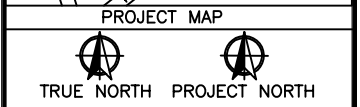
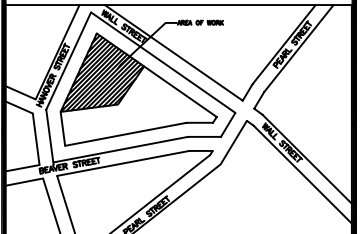
PROJECT NO.

60-471

B-SCAN:



NO.	DATE	REVISION DESCRIPTION



CLIENT:  
AEGIS ENERGY SERVICES, INC.  
55 JACKSON STREET  
HOLYOKE, MA 01040  
TEL.: 413-536-1156  
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PROJECT  
63 WALL STREET  
COGENERATION PROJECT  
63 WALL STREET  
NEW YORK, NY 10005

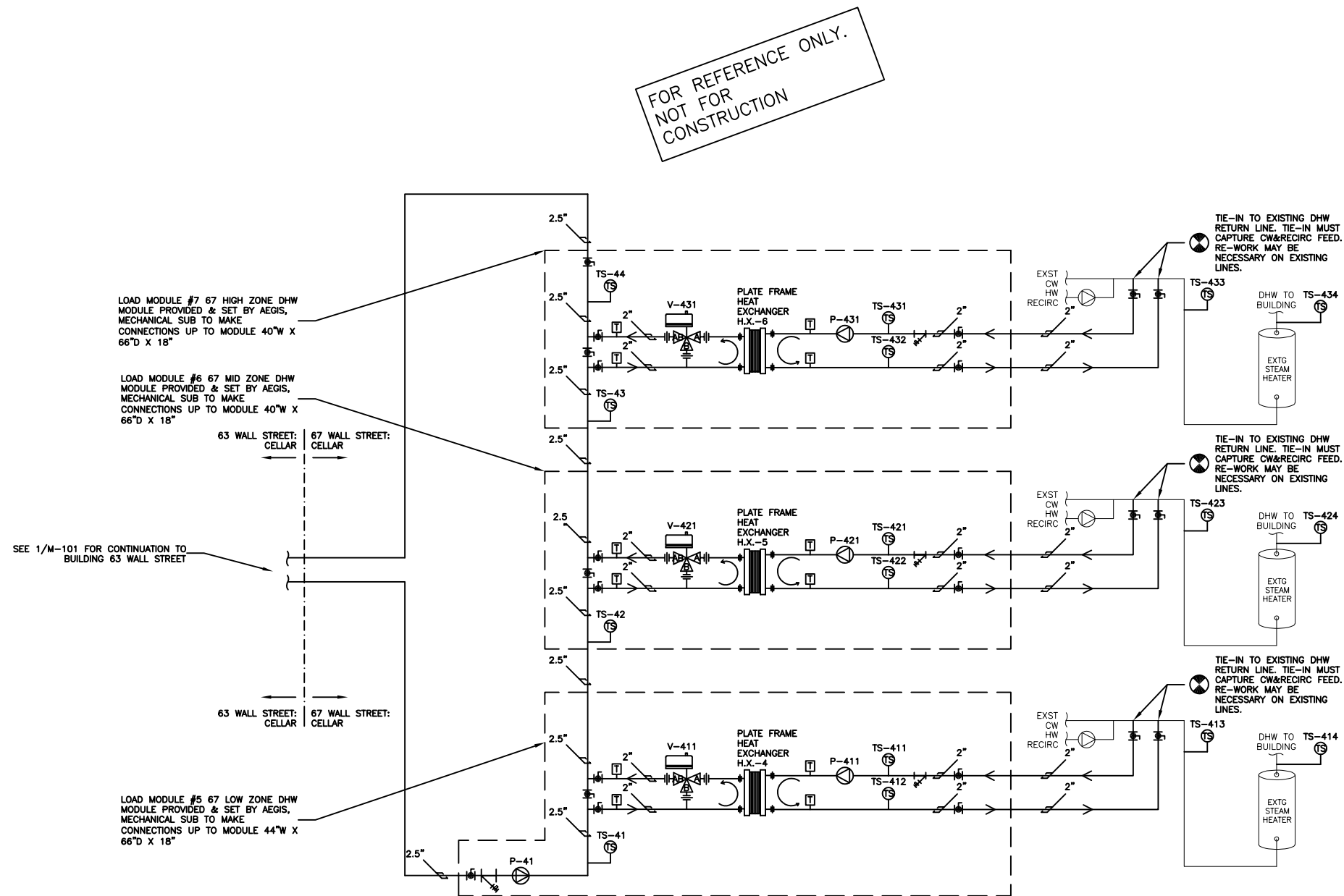
DRAWING TITLE:  
63 WALL 4TH FLOOR  
MECHANICAL FLOW  
DIAGRAM

DESIGN BY:	KM	DATE:	12/18/17
DRN BY:	KM	DATE:	6/8/17
CKD BY:	KM	DATE:	6/8/17
FINAL CKD BY:	AD	DATE:	6/8/17
SCALE:	AS NOTED	DATE:	
DWG No.	PAGE 5 OF 21		

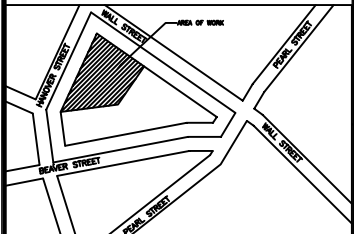
M-102.00

PROJECT NO.  
60-471

B-SCAN:



NO.	DATE	REVISION DESCRIPTION



PROJECT MAP

TRUE NORTH PROJECT NORTH

CLIENT:

AEGIS ENERGY SERVICES, INC.  
55 JACKSON STREET  
HOLYOKE, MA 01040  
TEL.: 413-536-1156  
FAX: 413-536-1104  
ATTN: MR. KEVIN MAY

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PROJECT

63 WALL STREET  
COGENERATION PROJECT  
63 WALL STREET  
NEW YORK, NY 10005

DRAWING TITLE:

67 WALL STREET  
MECHANICAL FLOW  
DIAGRAM & SCHEDULE

DESIGN BY:	KM	DATE:	12/18/17
DRN BY:	KM	DATE:	6/8/17
CKD BY:	KM	DATE:	6/8/17
FINAL CKD BY:	AD	DATE:	6/8/17
SCALE:	AS NOTED	DATE:	

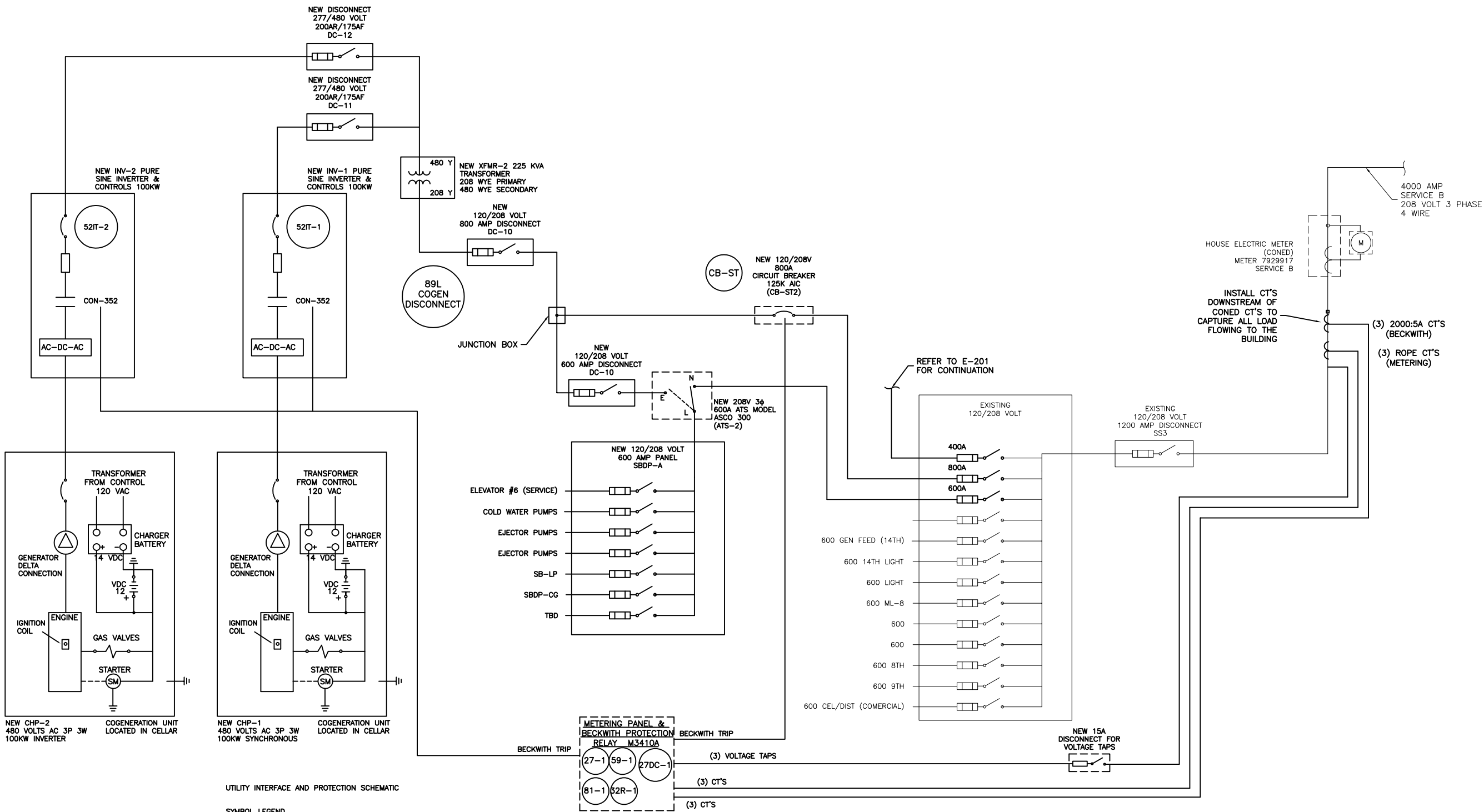
DWG No. PAGE 6 OF 21

M-103.00

PROJECT NO.  
60-471

B-SCAN:



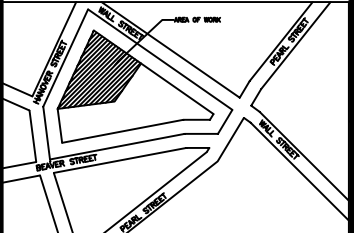


UTILITY INTERFACE AND PROTECTION SCHEMATIC

**SYMBOL LEGEND**  
27 PHASE UNDERVOLTAGE  
27DC CONTROL POWER UNDERVOLTAGE  
59 PHASE OVERVOLTAGE  
810/U OVER/UNDER FREQUENCY  
89L COGEN DISCONNECT

**PROTECTIVE RELAY SETPOINTS**  
27 (-50 TO -88%) 2 SEC (120 CYCLE) DELAY  
27 (-50%) 0.16 SEC (10 CYCLE) DELAY  
59 (+110 TO 120%) 1 SEC (60 CYCLE) DELAY  
59 (+120%) 0.16 SEC (10 CYCLE) DELAY  
81U (<59.3 Hz) 0.16 SEC (10 CYCLE) DELAY  
810 (>60.5 Hz) 0.16 SEC (10 CYCLE) DELAY  
32R (-0.02 PU) 10 SEC (600 CYCLES)

NO.	DATE	REVISION DESCRIPTION



PROJECT MAP

TRUE NORTH PROJECT NORTH

CLIENT:  
**AEGIS ENERGY SERVICES, INC.**  
55 JACKSON STREET  
HOLYOKE, MA 01040  
TEL.: 413-536-1156  
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PROJECT  
**63 WALL STREET  
COGENERATION PROJECT  
63 WALL STREET  
NEW YORK, NY 10005**

DRAWING TITLE:  
**63 SERVICE B  
ELECTRICAL ONE LINE  
DIAGRAM**

DESIGN BY:	KM	DATE:	12/18/17
DRN BY:	KM	DATE:	6/8/17
CKD BY:	KM	DATE:	6/8/17
FINAL CKD BY:	AD	DATE:	6/8/17
SCALE:	AS NOTED	DATE:	
DWG No.	PAGE 20 OF 21		

**E-202.00**

PROJECT NO. **60-471**

B-SCAN: