



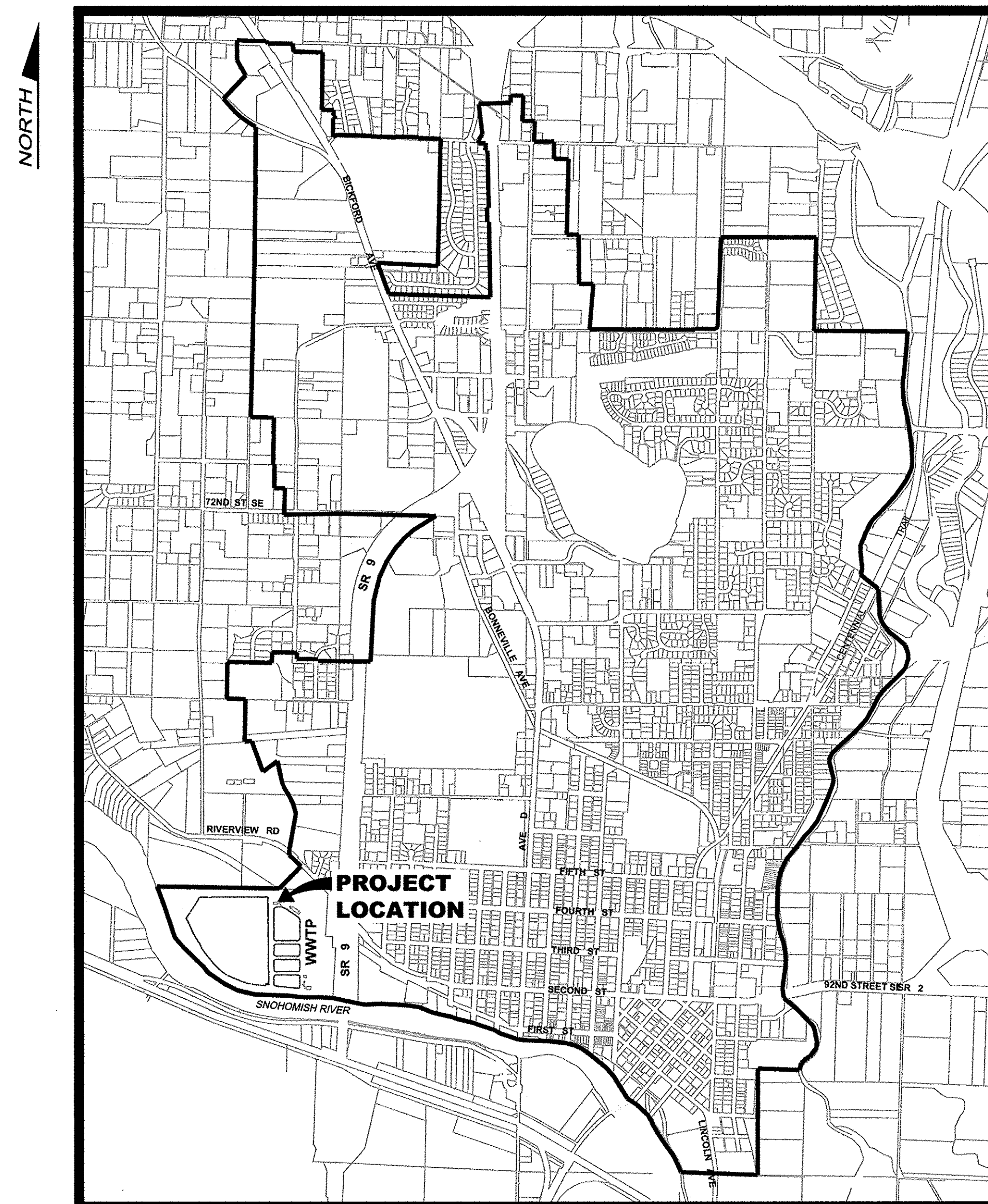
CITY OF SNOHOMISH

WWTP ATS REPLACEMENT

MARCH 2016

DRAWINGS INDEX

SHEET NO.	DRAWING NO.	TITLE
GENERAL		
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ELECTRICAL		
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3	E-2	EMCC1 ONE-LINE DIAGRAM
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VICINITY MAP
Not to Scale

MAYOR

KAREN GUZAK

CITY MANAGER

LARRY BAUMAN

CITY COUNCIL MEMBERS

DERRICK BURKE

TOM HAMILTON

DEAN RANDALL

MICHAEL ROHRSCHEIB

LYNN SCHILATY

ZACH WILDE

PUBLIC WORKS DIRECTOR

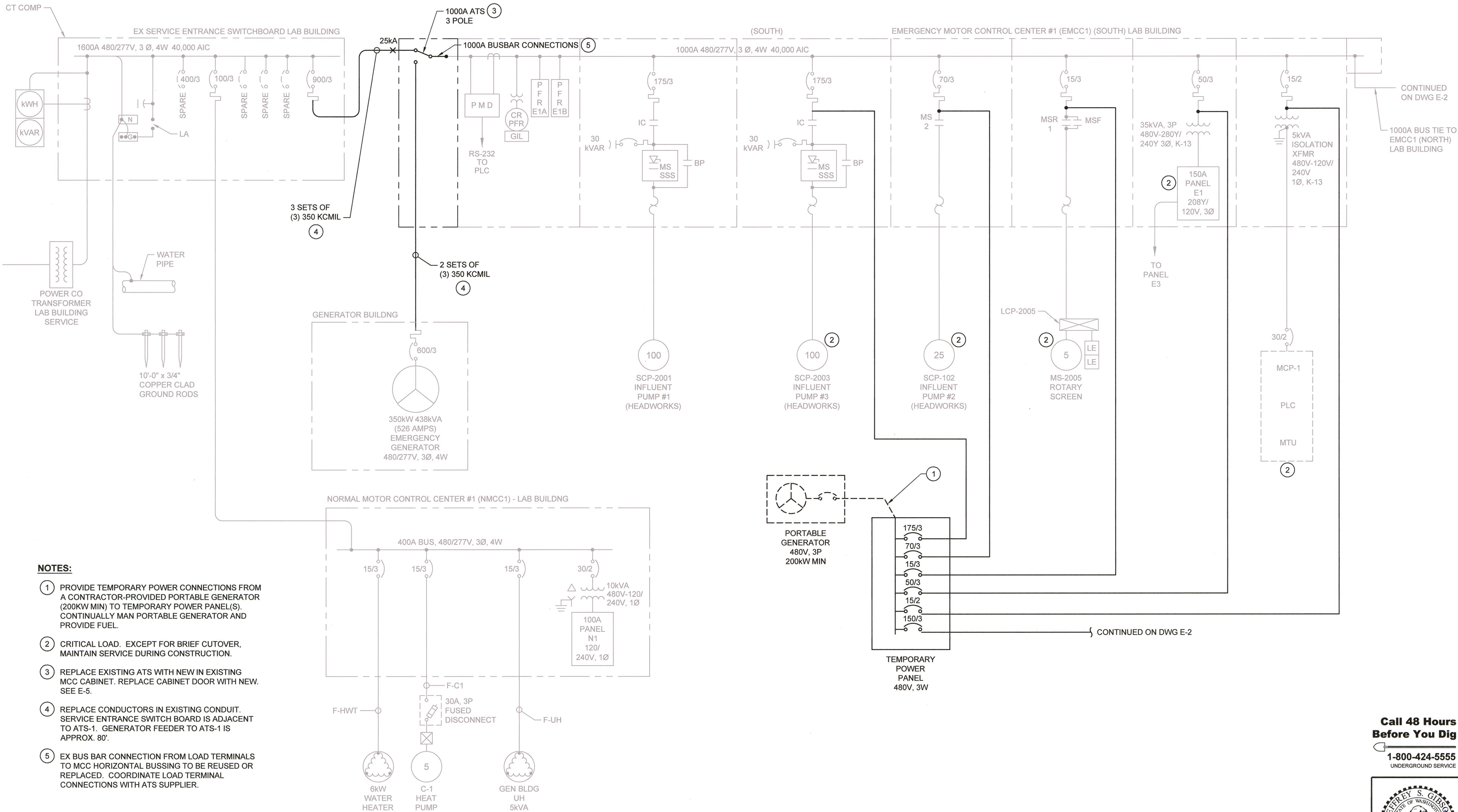
STEVE SCHULLER, P.E.

PREPARED BY:



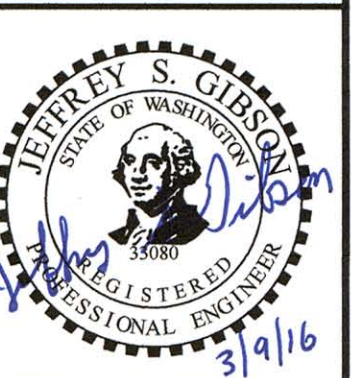
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Seattle, Washington 98101
P 206.505.3400
F 206.505.3406

FILE NAME: S:\CADD\SNOHOMISH\13-10337\WTP\ATS\REF\DWG\13-10337_E-1.DWG (ASG)
S:\CADD\SNOHOMISH\13-10337\WTP\ATS\REF\DWG\13-10337_E-1.DWG (ASG)
DATE: 3/9/16
DRAWN BY: J. Gibson, P.E.
CHECKED BY: T. Giese, P.E.
APPROVED BY: R. Dorn, P.E.



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Designed: J. Gibson, P.E.
Drawn: P. Simon
Checked: T. Giese, P.E.
Approved: R. Dorn, P.E.

Scale:
NTS
One Inch at Full Scale
If Not One Inch
Scale Accordingly

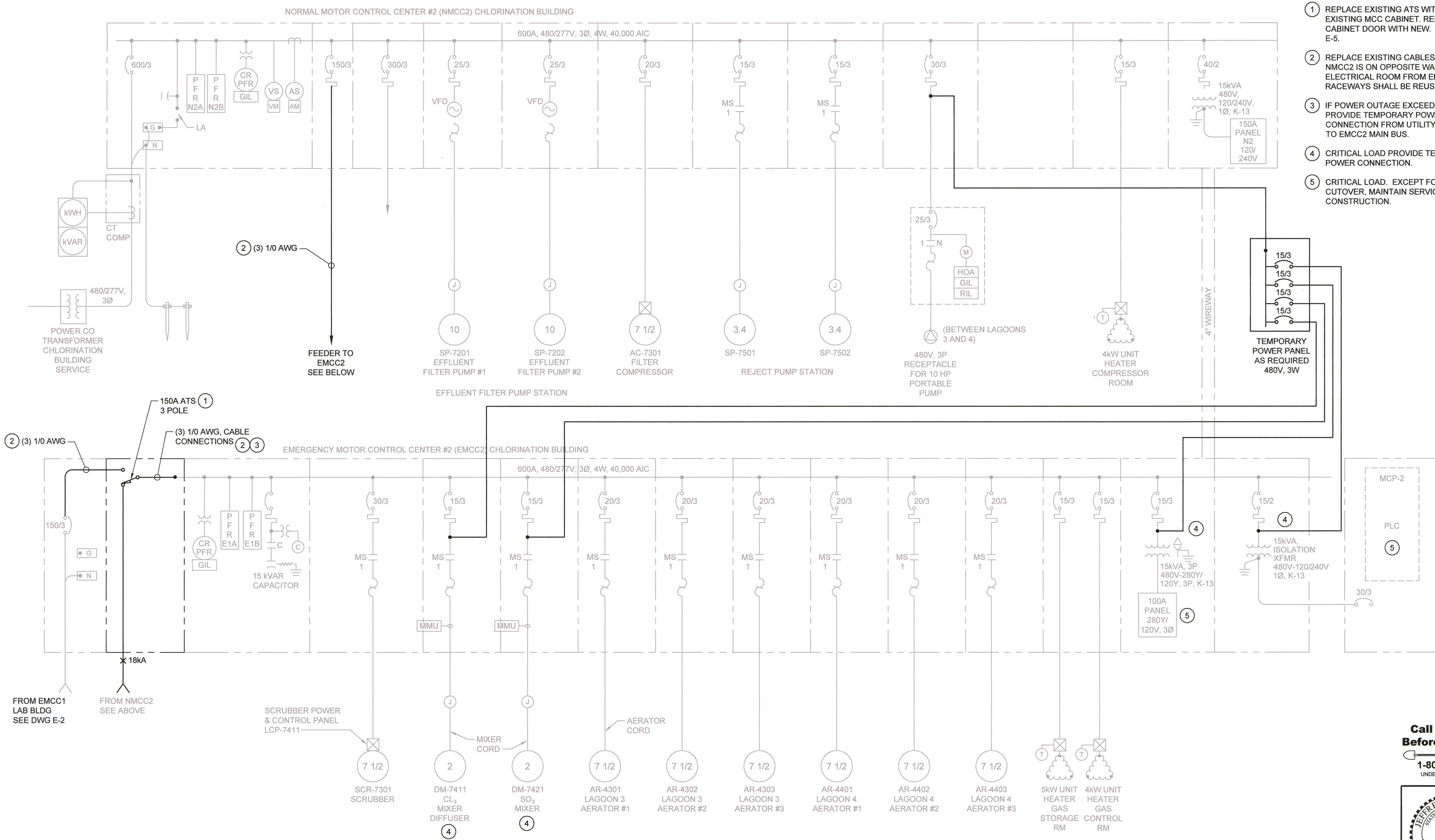


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**WWTP ATS REPLACEMENT
LAB SERVICE ENTRANCE AND EMCC1
AND NMCC1 ONE-LINE DIAGRAM**

Drawing: **E-1**
Sheet: **2** of **6**
File: P13-10337_E-1
Date: March 2016

FILE NAME: UPDATED BY: S:\CAD\SNOHOMISH\13-10337\WTP\ATS\REF\DWG\13-10337_E-3.DWG (ASC)
PROJ DATE & TIME: FEB 26 2016 08:31:54
REVISED: J. Gibson, 1/13/16

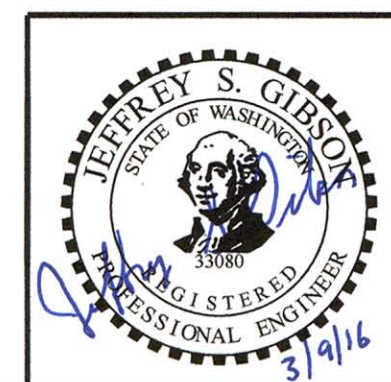


- NOTES:**
- 1 REPLACE EXISTING ATS WITH NEW IN EXISTING MCC CABINET. REPLACE CABINET DOOR WITH NEW. SEE DWG E-5.
 - 2 REPLACE EXISTING CABLES WITH NEW. NMCC2 IS ON OPPOSITE WALL OF ELECTRICAL ROOM FROM EMCC2. RACEWAYS SHALL BE REUSED.
 - 3 IF POWER OUTAGE EXCEEDS 4 HOURS, PROVIDE TEMPORARY POWER CONNECTION FROM UTILITY SERVICE TO EMCC2 MAIN BUS.
 - 4 CRITICAL LOAD PROVIDE TEMPORARY POWER CONNECTION.
 - 5 CRITICAL LOAD. EXCEPT FOR BRIEF CUTOVER, MAINTAIN SERVICE DURING CONSTRUCTION.

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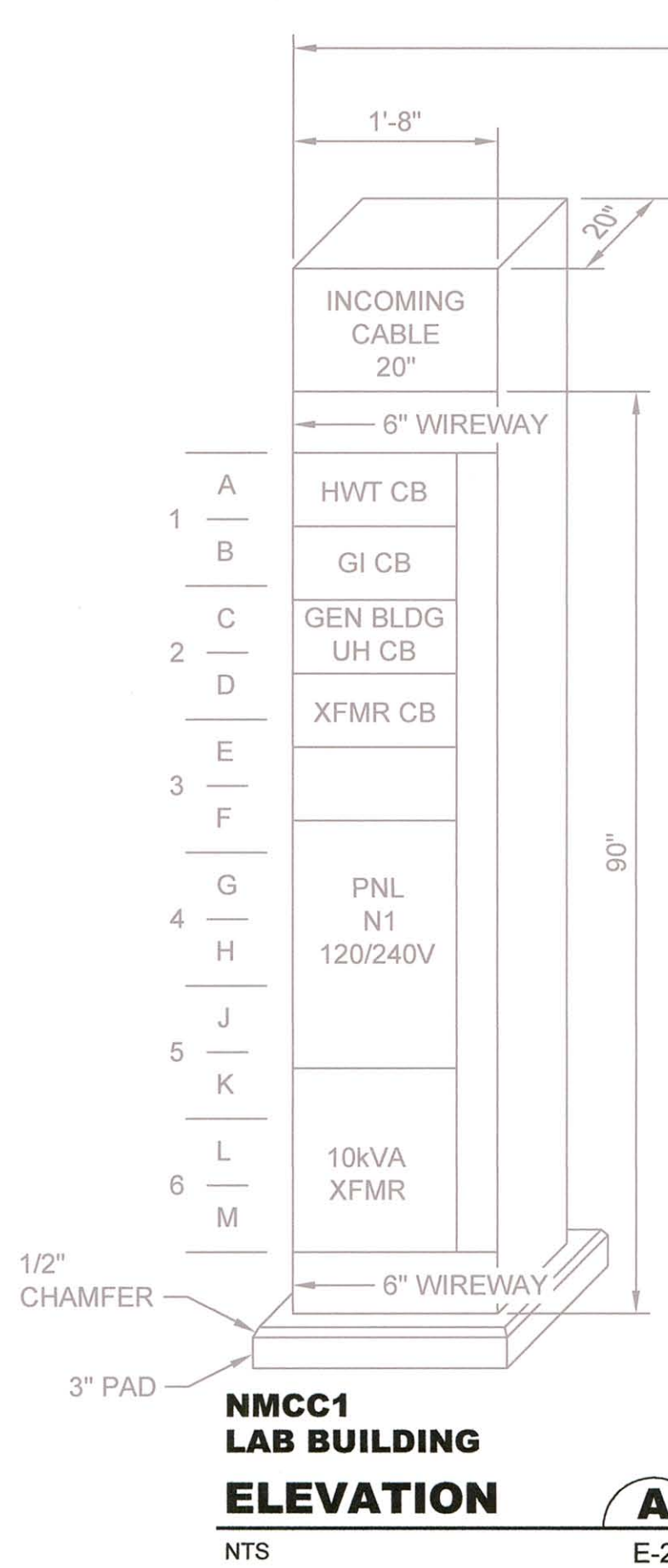
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**WWTP ATS REPLACEMENT
CHLORINATION BUILDING SERVICE
ENTRANCE EMCC2 AND NMCC2
ONE-LINE DIAGRAM**

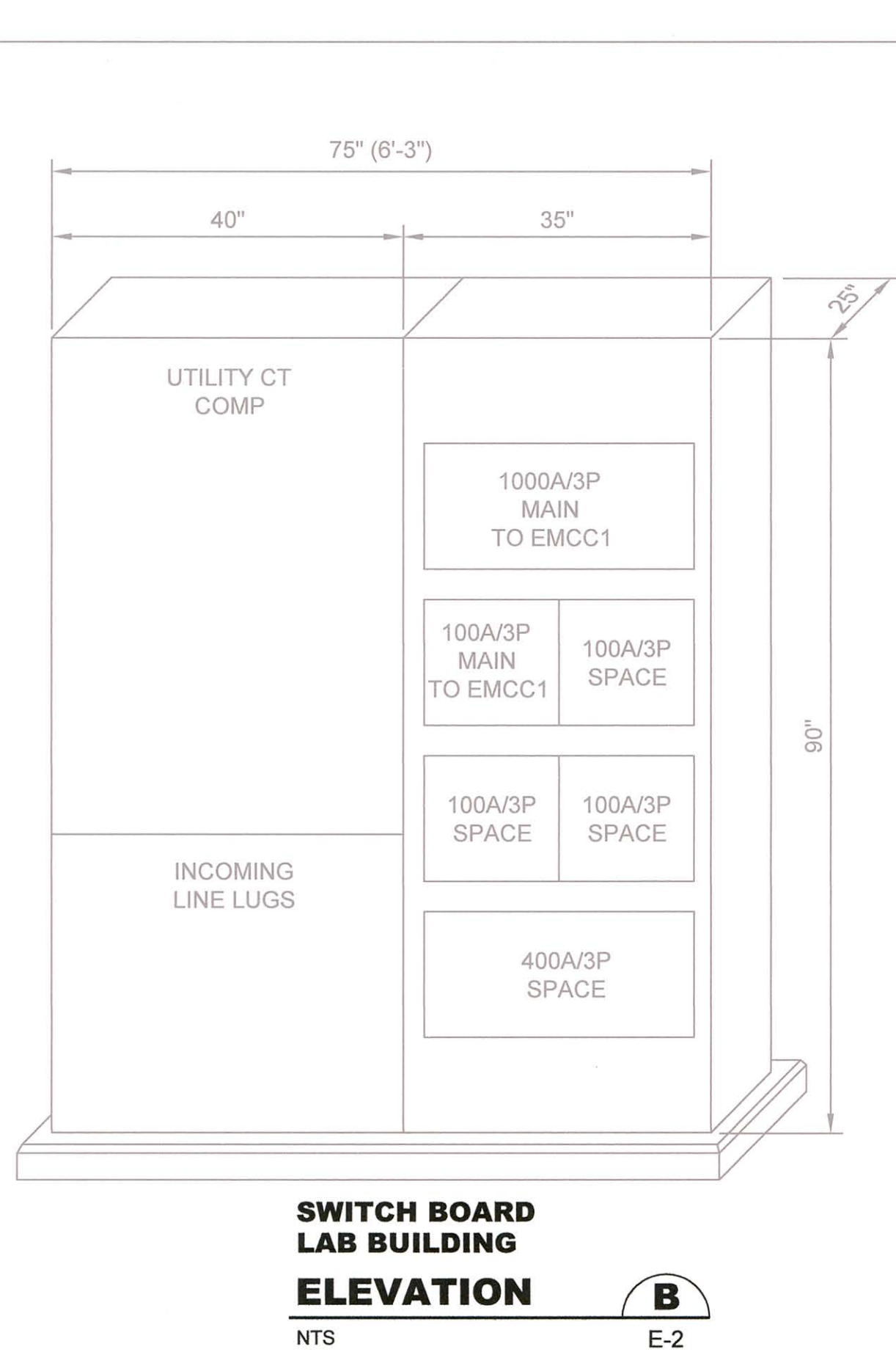
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Sheet: **4** of **6**
File: P13-10337_E-3
Date: March 2016

PROJ DATE & TIME
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FILE NAME: UPDATED BY
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XREFS: BHC CONSULTANTS, XREF-10337_E-4



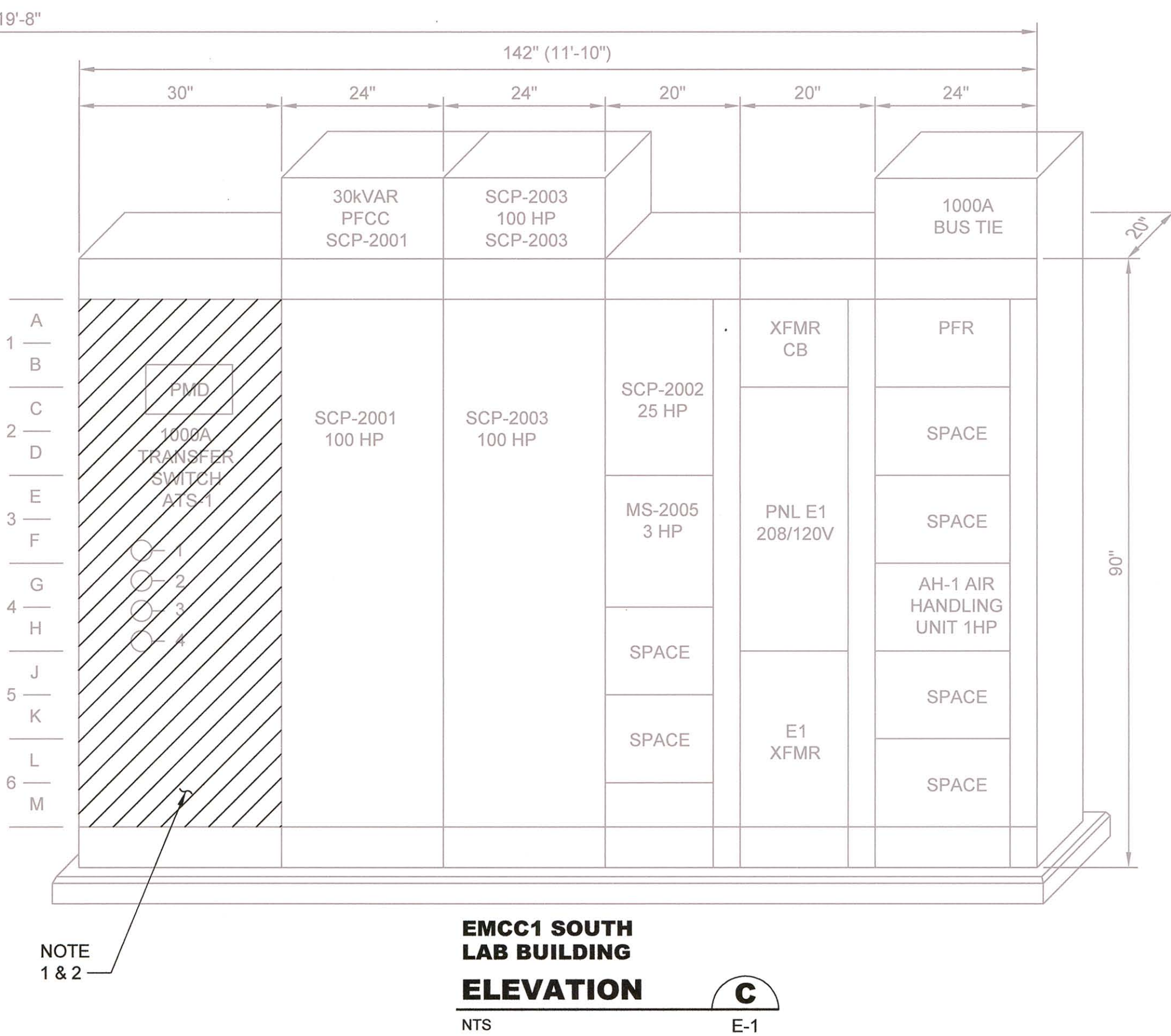
**NMCC1
LAB BUILDING
ELEVATION**

NTS E-2



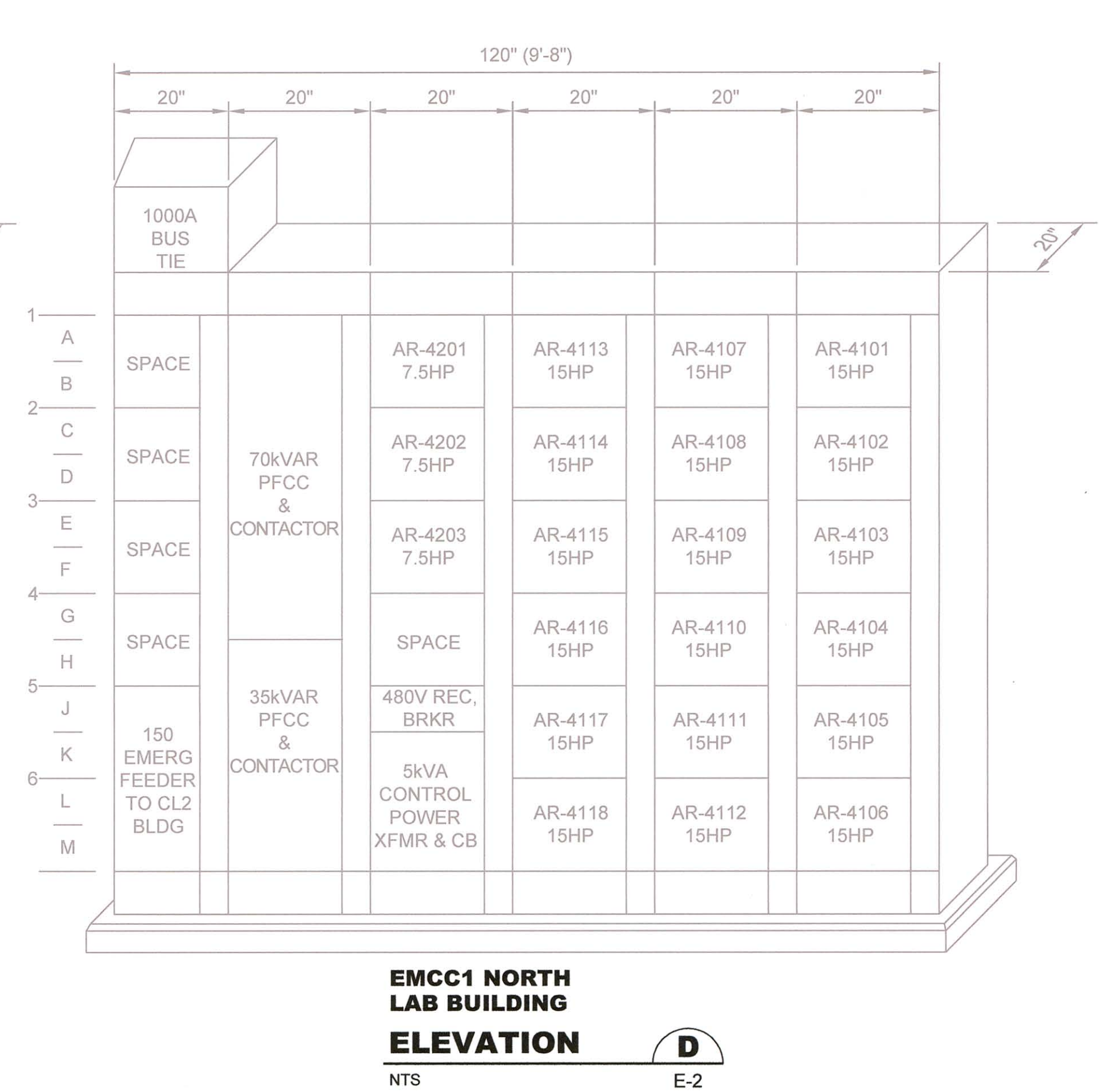
**SWITCH BOARD
LAB BUILDING
ELEVATION**

NTS E-2



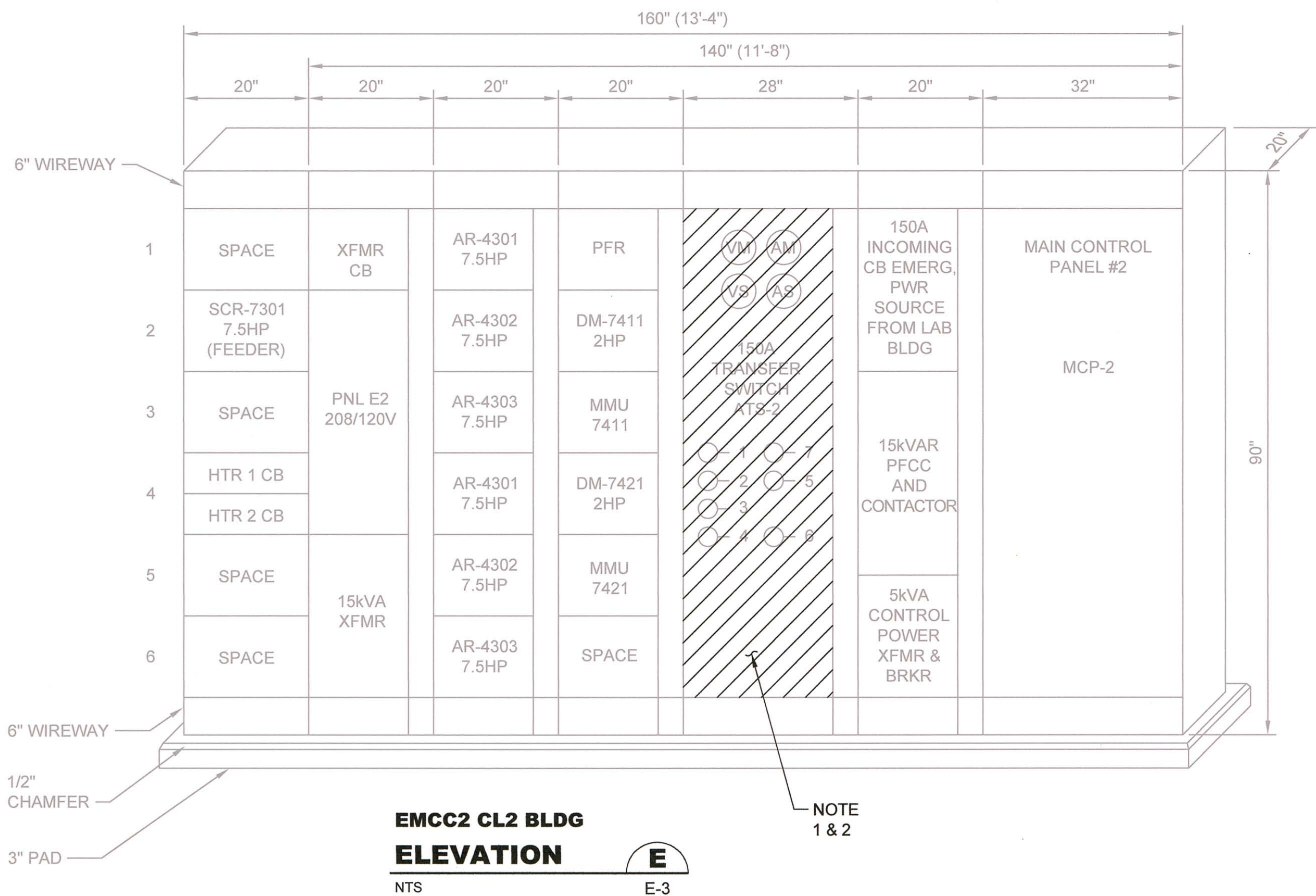
**EMCC1 SOUTH
LAB BUILDING
ELEVATION**

NTS E-1



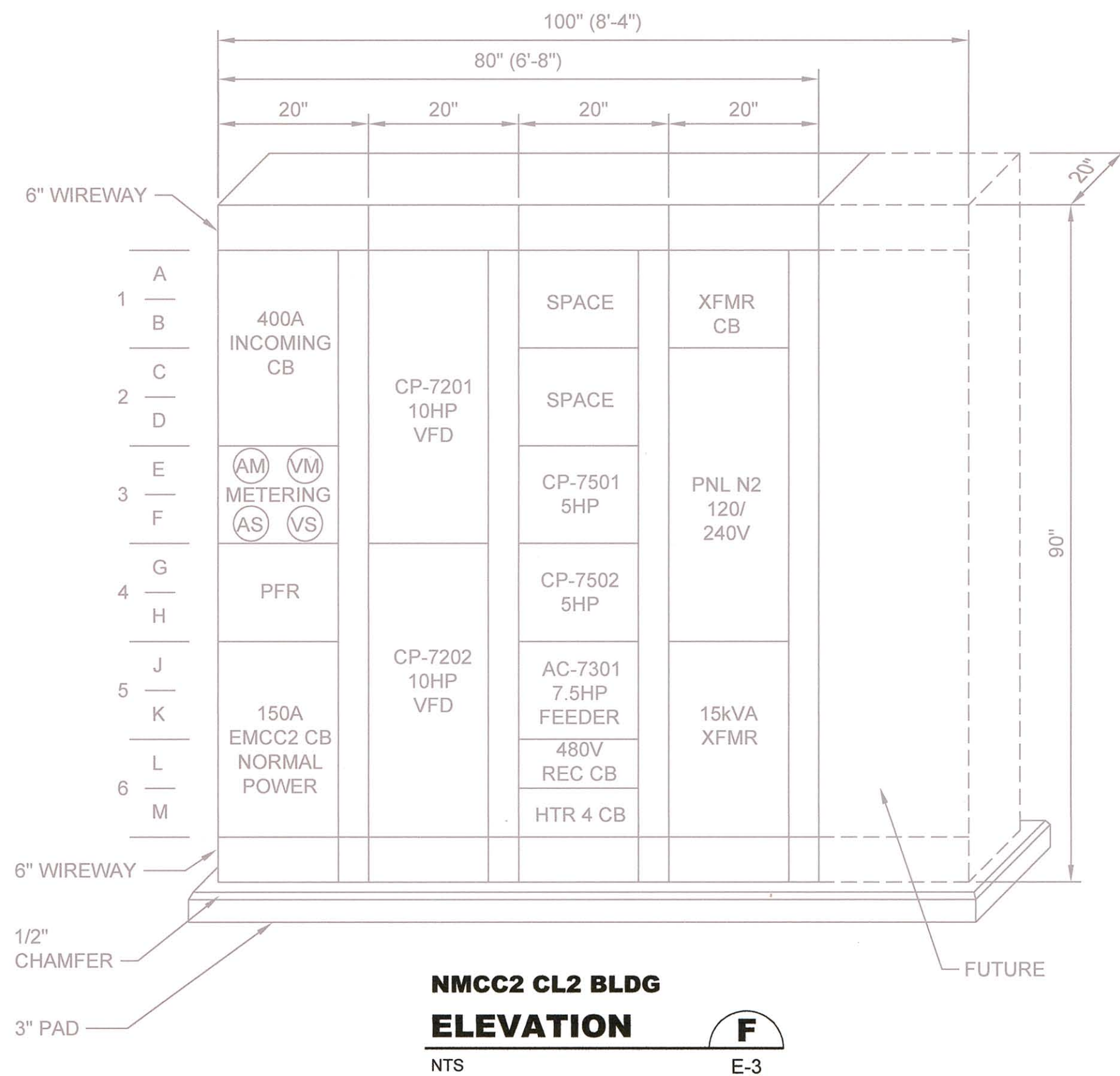
**EMCC1 NORTH
LAB BUILDING
ELEVATION**

NTS E-2



**EMCC2 CL2 BLDG
ELEVATION**

NTS E-3



**NMCC2 CL2 BLDG
ELEVATION**

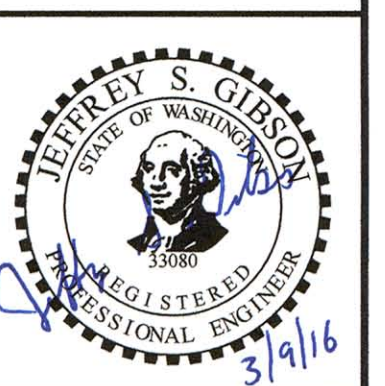
NTS E-3

NOTES:

1. REPLACE ATS IN EXISTING MCC SECTION. REPLACE DOOR WITH NEW. NEW ATS ELECTRONIC CONTROL MODULE SHALL BE MOUNTED IN NEW DOOR.
2. PROVIDE UL FIELD CERTIFICATION OF NEW INSTALLATION. LABELING SHALL BE APPROVED BY L&I ELECTRICAL INSPECTOR.

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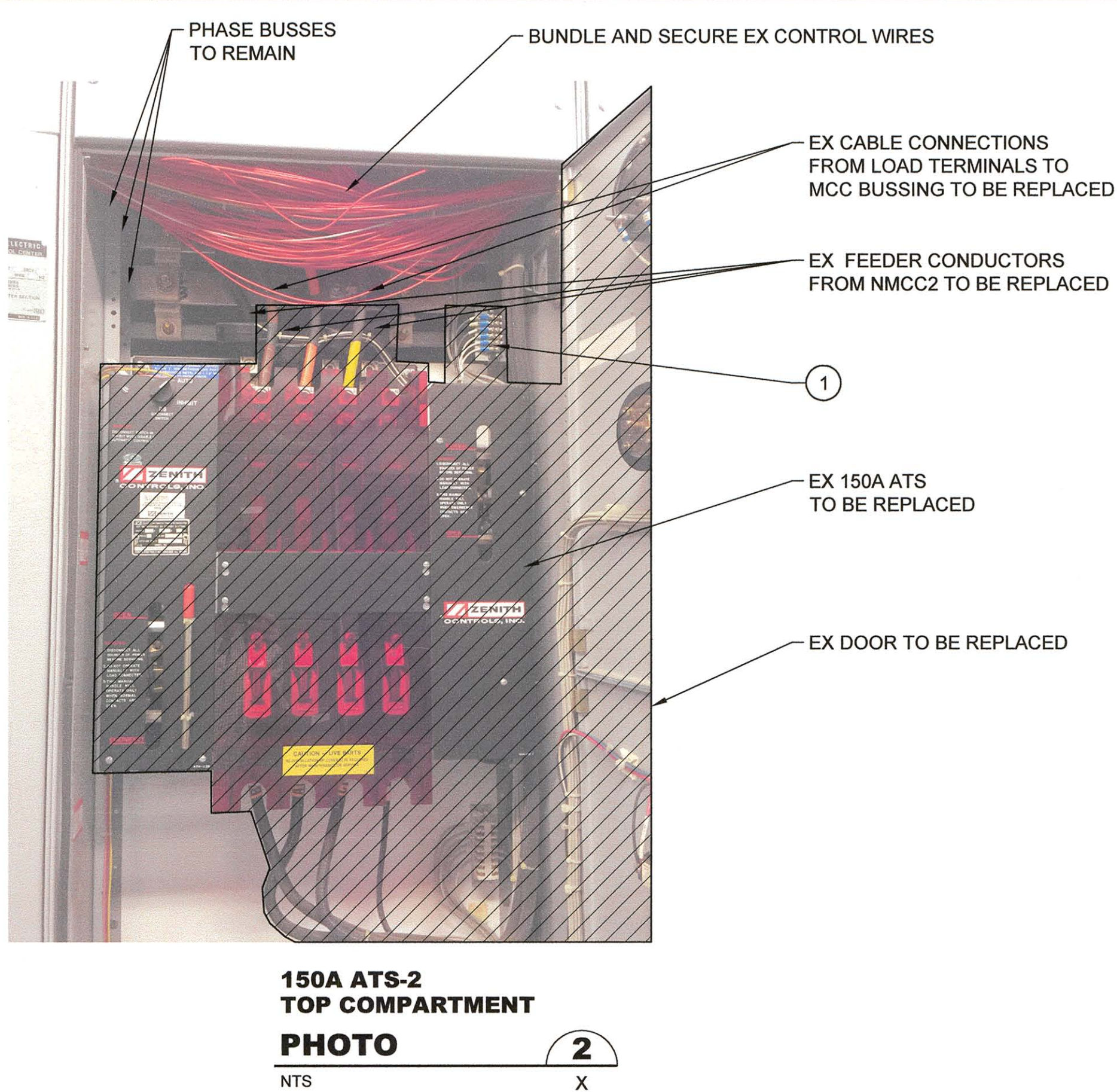
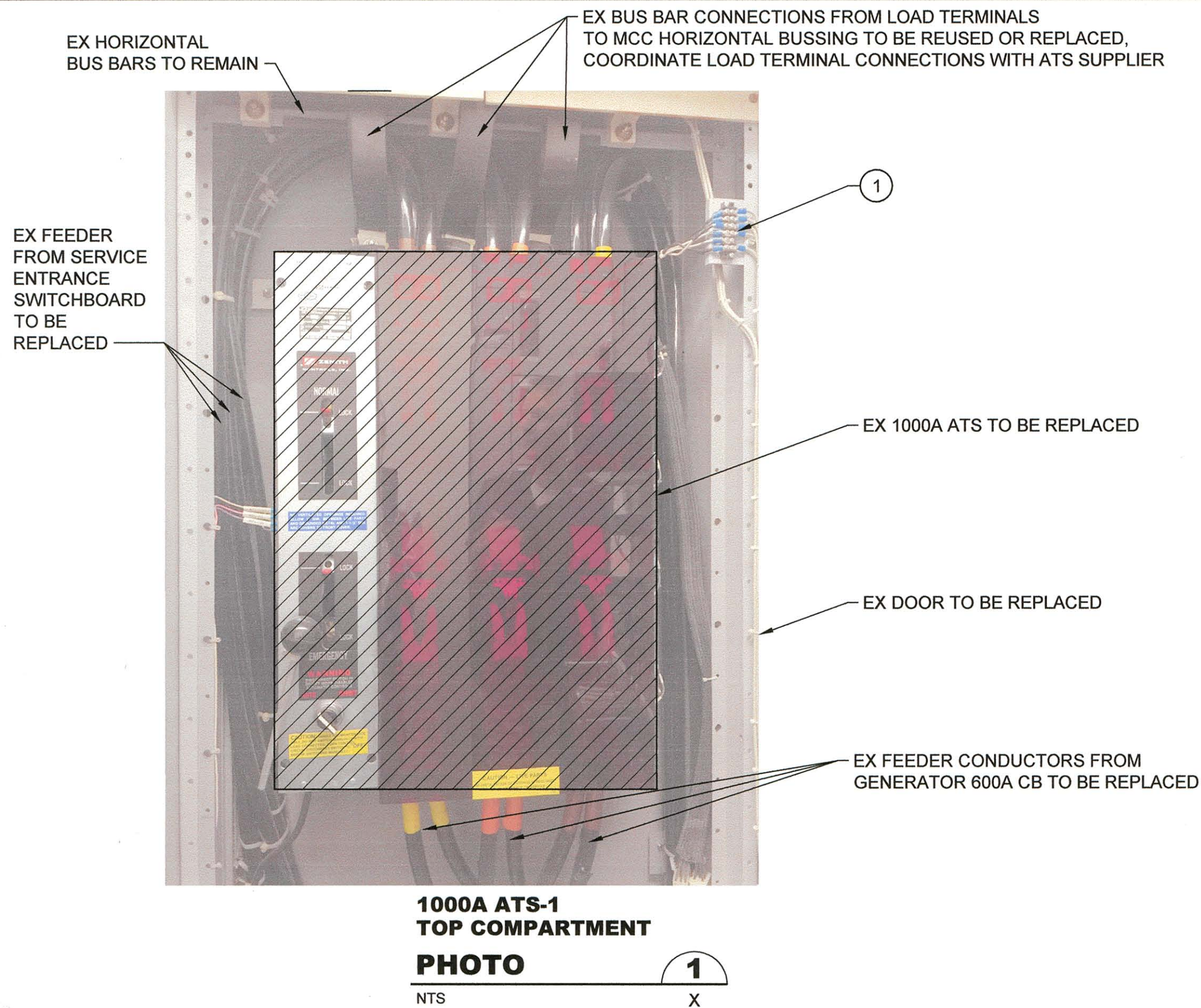


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**WWTP ATS REPLACEMENT
MCC ELEVATIONS
AND DETAILS**

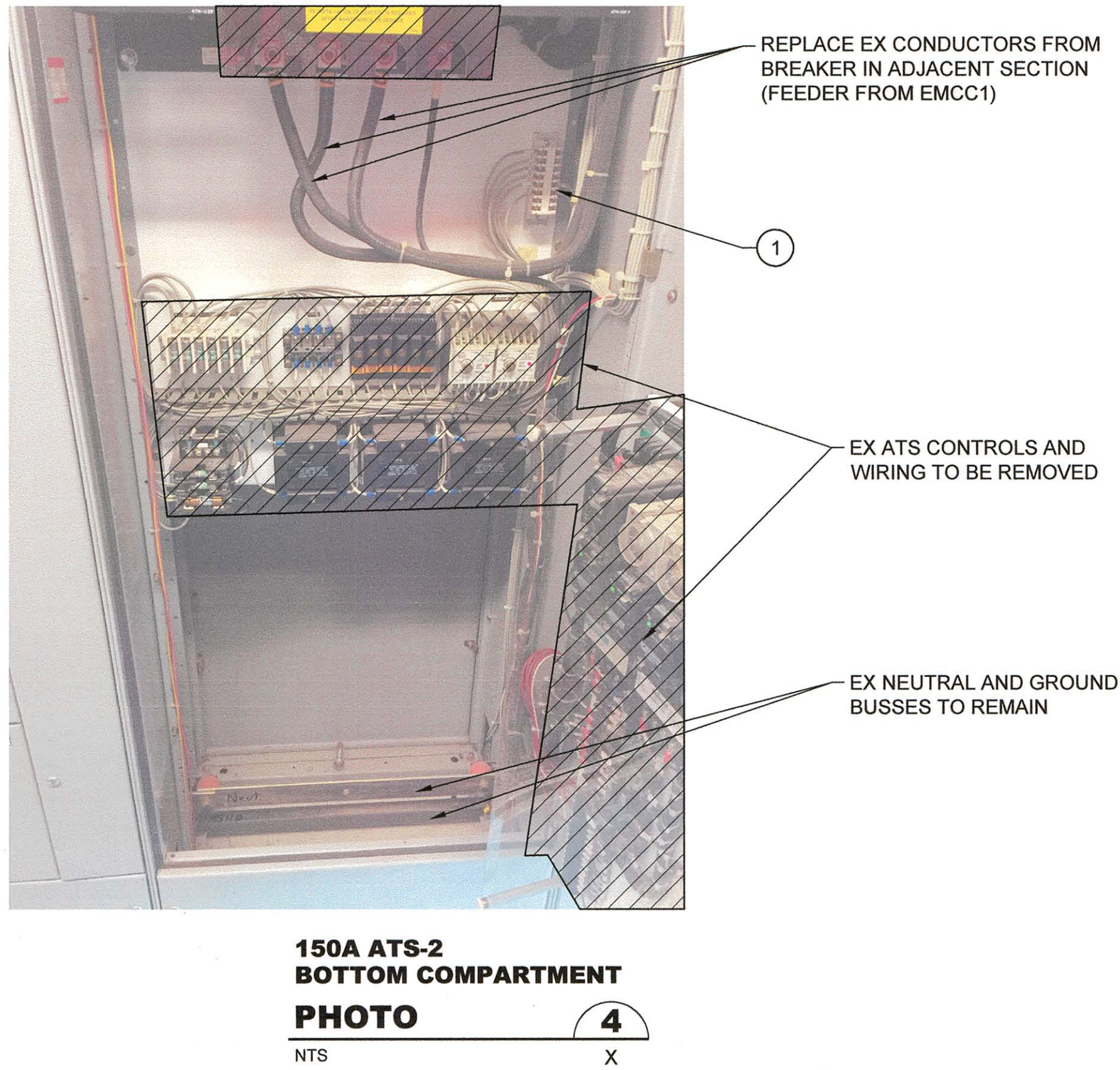
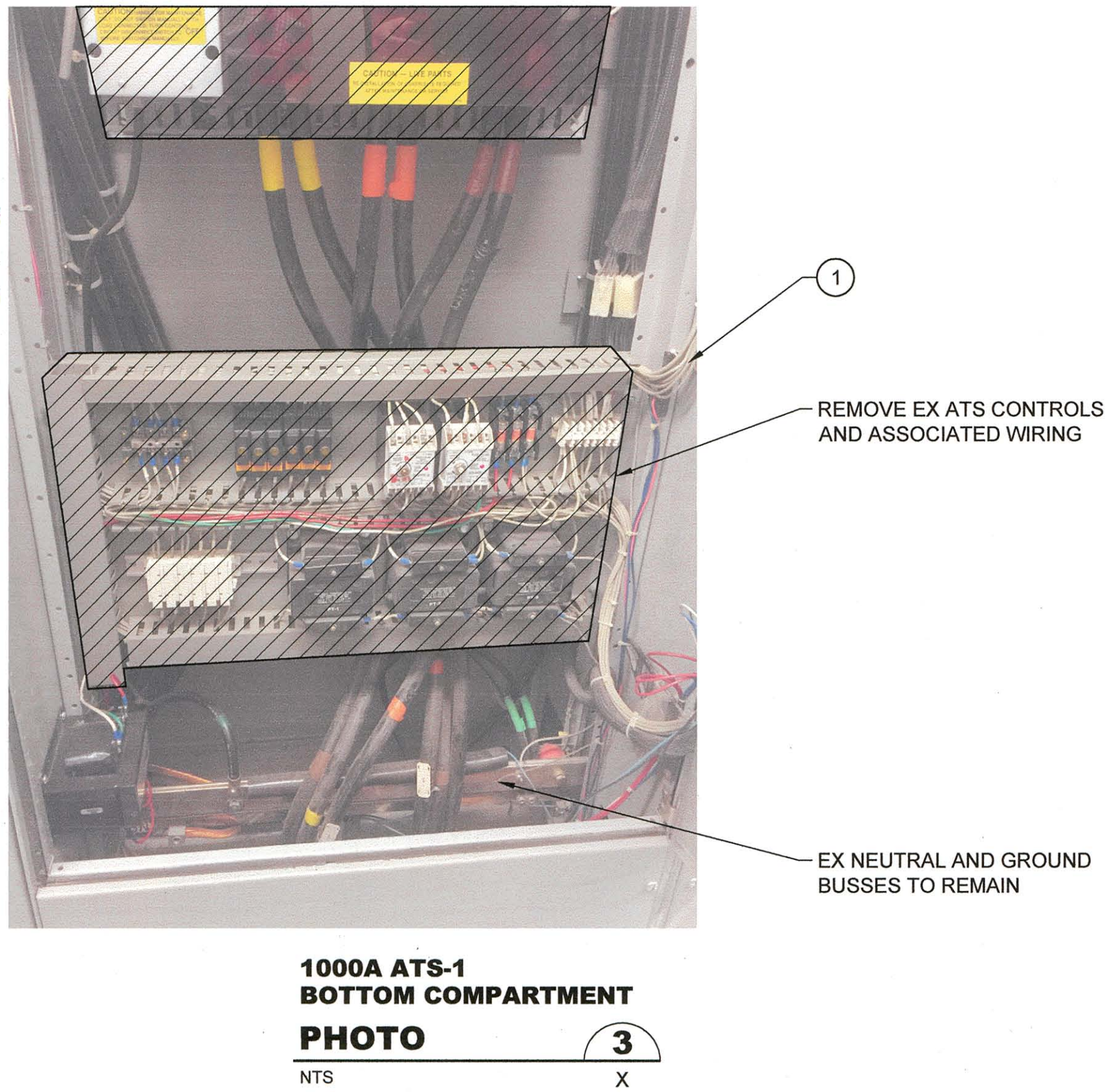
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File: P13-10337_E-4
Date: March 2016

FILE NAME: (UPDATED BY) S:\CAD\SNOHOMISH\13-10337\WTP\ATS\REF\WMS\13-10337_E-5.DWG (ASC)
PLOT DATE & TIME: FEB 26 2016 07:05:05
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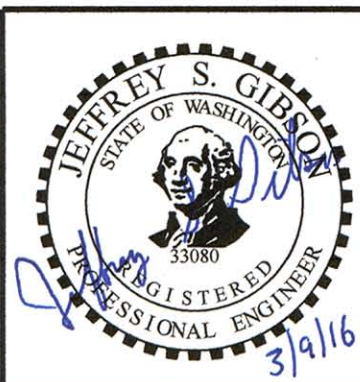
NOTES:

1 IDENTIFY AND LABEL ALL EXTERNAL CONTROL WIRING TO EXISTING ATS, PRIOR TO REMOVING, INCLUDING GENERATOR START, ATS IN NORMAL, ATS IN EMERGENCY, AND POWER FAIL CONTACT WIRES. RECONNECT ALL EXISTING EXTERNAL CONTROL WIRES TO NEW ATS.



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**WWTP ATS REPLACEMENT
PHOTO DETAILS**

Drawing: **E-5**
Sheet: **6** of **6**
File: P13-10337_E-5
Date: March 2016