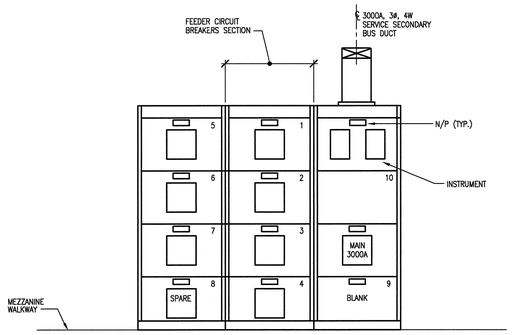
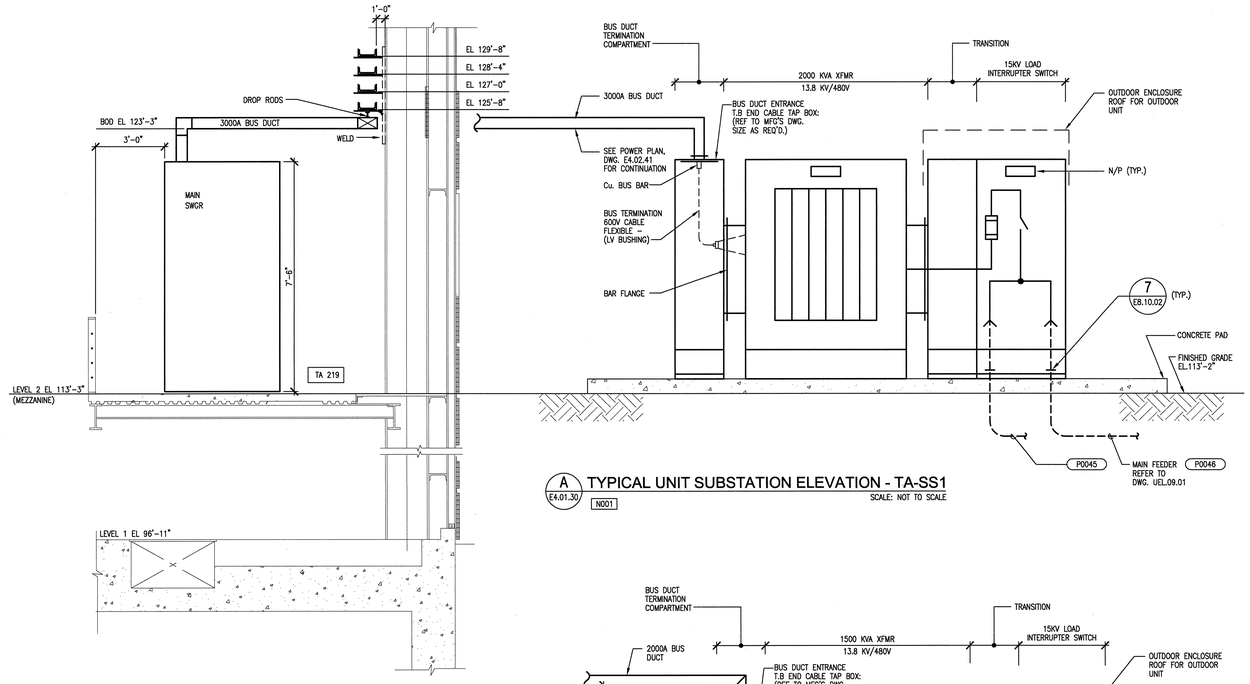
SHEET KEYNOTES:

N001 ELECTRICAL SINGLE LINE DIAGRAM REFER TO DWG. E2.10.30, E2.10.31 AND E2.10.32.



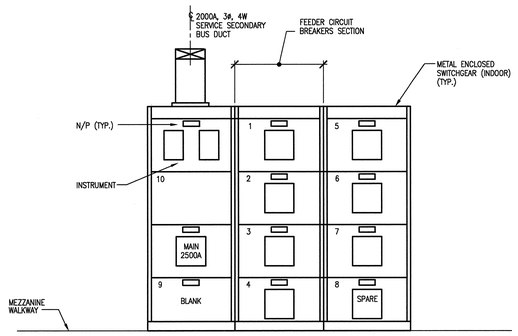
D E4.02.30 TYPICAL 480V SWITCHGEAR ELEVATION - TA-SG-SS1 (MEZZANINE LEVEL) N001

SCALE: NOT TO SCALE



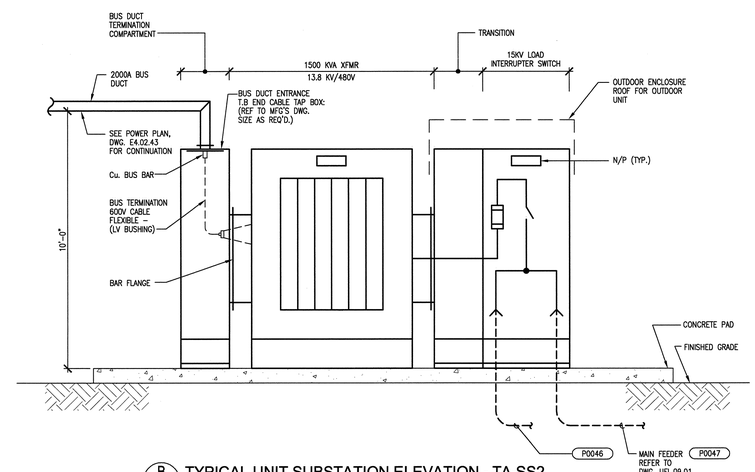
A E4.01.30 TYPICAL UNIT SUBSTATION ELEVATION - TA-SS1 N001

SCALE: NOT TO SCALE



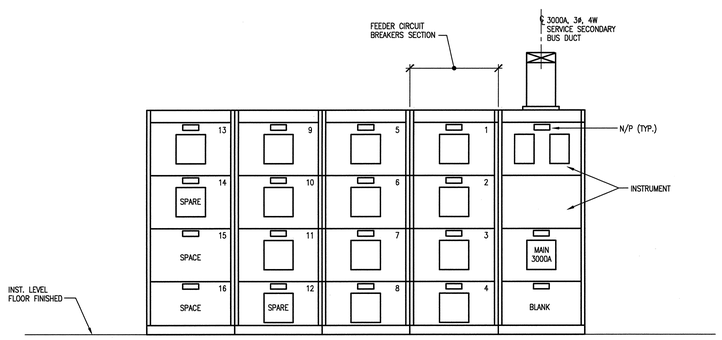
E E4.02.30 TYPICAL 480V SWITCHGEAR ELEVATION - TA-SG-SS2 (MEZZANINE LEVEL) N001

SCALE: NOT TO SCALE



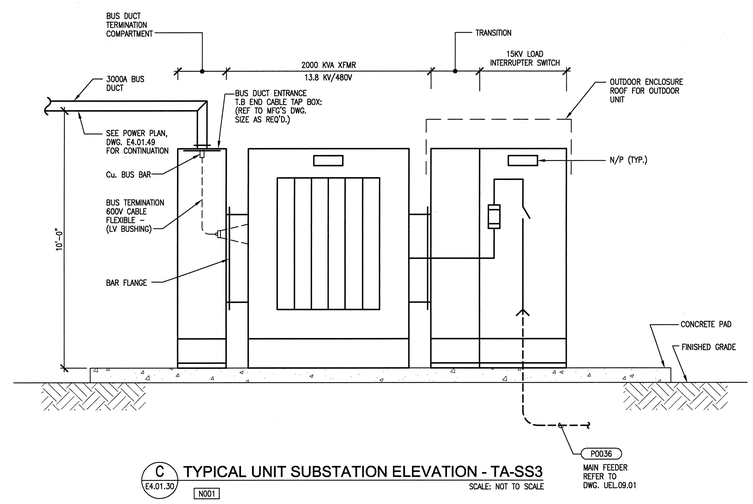
B E4.01.30 TYPICAL UNIT SUBSTATION ELEVATION - TA-SS2 N001

SCALE: NOT TO SCALE



F E4.01.30 TYPICAL 480V SWITCHGEAR ELEVATION - TA-SG-SS3 (INST. LEVEL - ELECTRICAL RM.) N001

SCALE: NOT TO SCALE



C E4.01.30 TYPICAL UNIT SUBSTATION ELEVATION - TA-SS3 N001

SCALE: NOT TO SCALE

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NUMBER OF SECTION OR DETAIL — DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN

SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY

CHANGE CONTROL SYSTEM 3

ENGINEERING PROCEDURE SNS-ENG-0001

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION (REVISION OR ISSUE PURPOSE)	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
0				CERTIFIED FOR CONSTRUCTION – 10/26/01	HG	VGS												00106009	10/26/01	REW	–	WRS	AK	WRS	BWJ	–	MP	–	ED

REVISION APPROVALS — SQUAD CHECK

RPE: VICTOR G. STEFFEN, REGISTERED ENGINEER, No. 00106009, STATE OF TENNESSEE, 10-26-01

0 10-26-01 REV. DATE

DSN	H GROVER	10/26/01
DRW	L MAKOVSKY	10/26/01
CHK	V.STEFFEN	10/26/01
DEPT		
PE		11/13/01
PJ		11/13/01
REQ		
UTB		11/13/01

DRAWING APPROVALS

108030700-E8E-8700-A177

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Oak Ridge National Laboratory
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UT-BATTELLE, LLC. ● Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE

TARGET BUILDING SUBSTATION DETAILS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	E	X	X	8	8700		1	1	D	U

51	52	53	WBS	REV
NC	NA		1.8.3.7	0

E8.10.30

AutoCAD

Date: 10/26/2001 Time: 1024:42
Username: MONCS
H:\DFS_SNS_ES\PROJECTS\TGT\TGT_SUB\CADD\DWG\E_SA\TWG_FLOT\E8-10-30.DWG