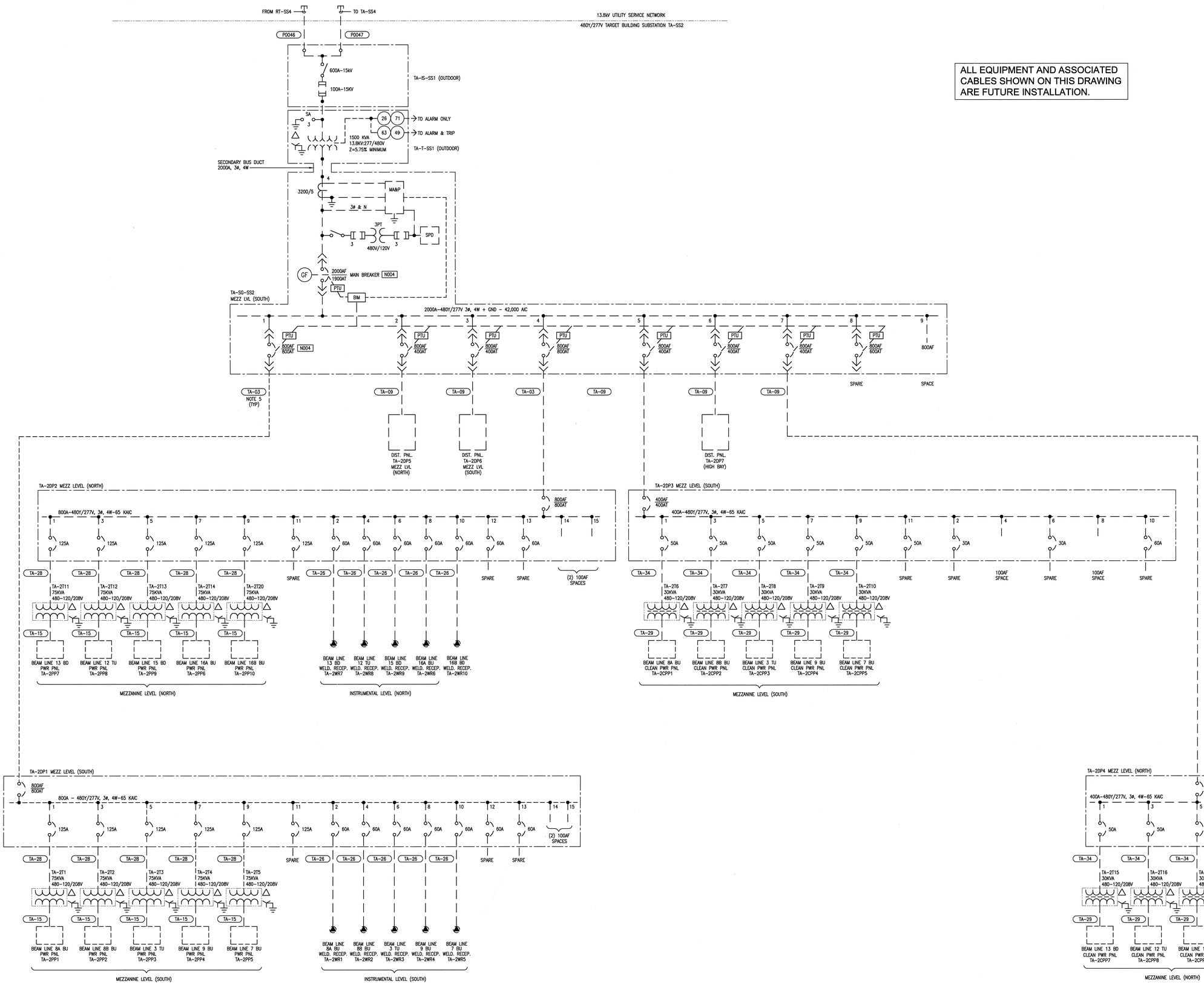

ALL EQUIPMENT AND ASSOCIATED CABLES SHOWN ON THIS DRAWING ARE FUTURE INSTALLATION.

SHEET KEYNOTES:

- N001 UPS MAY BE MULTI-COMPONANT EQUIPMENT. POWER AND CONTROL INTERCONNECTIONS FOR THESE COMPONANTS SHALL BE BY CONTRACTOR.
- N002 CONNECT TO UPS BY-PASS TRANSFORMER (ISO XFMR).
- N003 CONNECT TO RECTIFIER/CHARGER.
- N004 FOR MAIN AND FEEDER BREAKERS, THE SENSOR RATING IS SAME AS THE BREAKER FRAME RATING.

GENERAL NOTES:

1. EQUIPMENT/CABLE SHOWN WITH DASHLINE IS FUTURE EQUIPMENT.
2. FOR LOCATIONS OF EQUIPMENT SHOWN ON THIS SINGLE LINE REFER TO DWG'S E4.02.41, 42, 43, 44, 46, 47, 49, E4.01.50, AND E4.01.56.
3. SITE UTILITIES-ELECTRICAL SINGLE LINE DIAGRAM REFER TO DWG UEL7.61.01
4. FOR PANEL SCHEDULES SEE DWGS E9.21.30 THROUGH E9.21.36.
5. (TA-XX) SYMBOL DENOTES TAG NO. REFER TO FEEDER SCHEDULE DWG E9.40.30

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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	DRAWING CHANGE NUMBER	DESCRIPTION	DSN	CHK	DEPT
0				CERTIFIED FOR CONSTRUCTION – 10/26/01	HG	VGS	

REVISION OR ISSUE PURPOSE

DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
	11/15/01		11/15/01				11/2/01	VGS	00106009	10/26/01	

REVISION APPROVALS

REW	–	WRS	AK	WRS	BWJ	–	MP	–	ED
ST	CV	EC	EE	EM	IE	M	PD	SE	AR

SQUAD CHECK

RPE: VICTOR G. STEFFEN, REGISTERED PROFESSIONAL ENGINEER, N.I.S. 00106009, STATE OF TENNESSEE, 10-26-01

REV.	DATE
0	10-26-01

DSN	H.GROVER	10/26/01
DRW	L. MAKOVSKY	10/26/01
CHK	V.STEFFEN	10/26/01
DEPT		
PE		11/15/01
PJ		11/15/01
REQ		
UTB		11/2/01

DRAWING APPROVALS

108030700-E8E-8700-A011

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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
ELECTRICAL SINGLE LINE DIAGRAM
UNIT SUBSTATION - TA-SS2

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

51	52	53	WBS		REV
NC	NA		1.8.3.7	E2.10.31	0

AutoCAD

Date: 10/23/2001 Time: 14:18:07
Username: FMD9ZEB
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