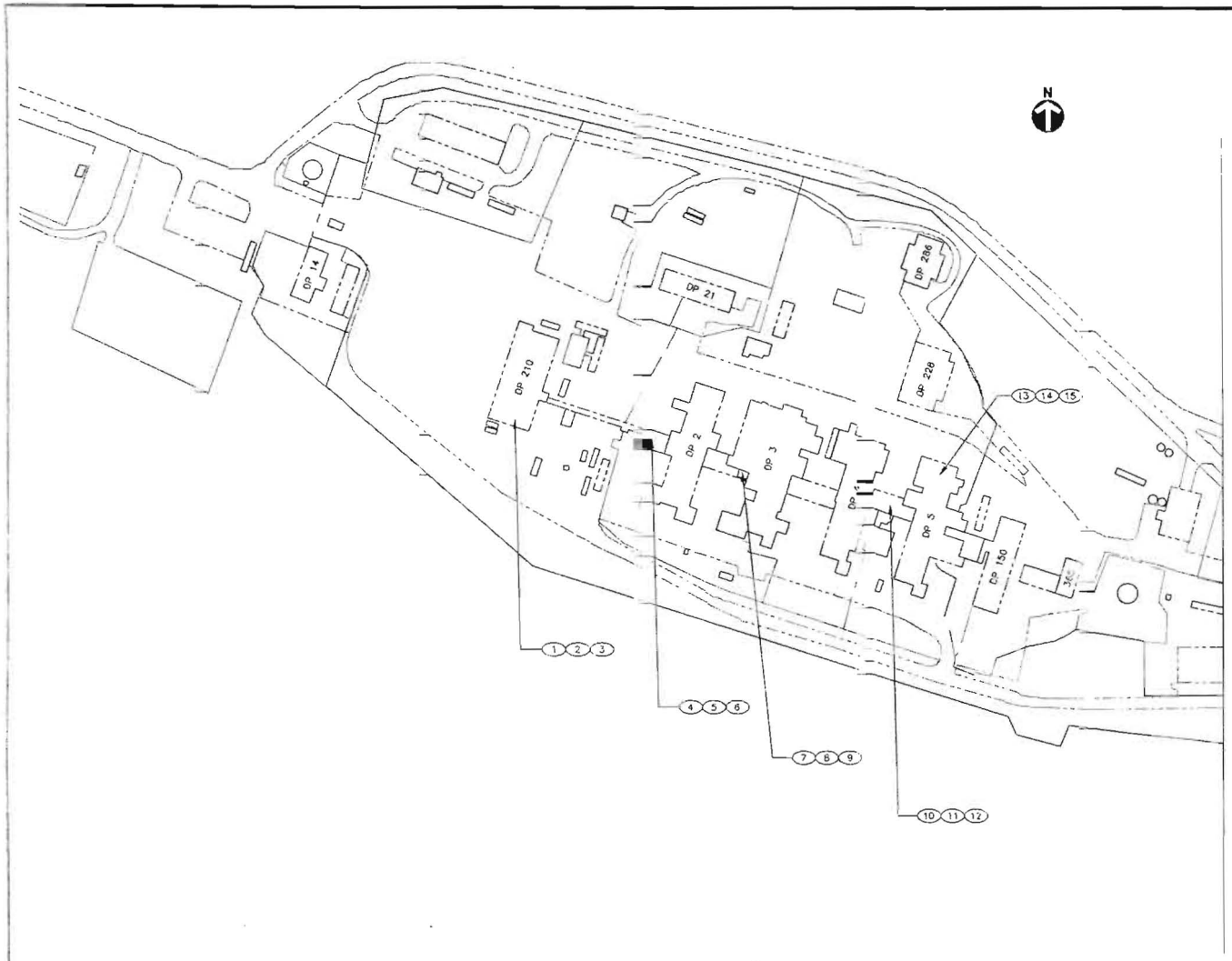

KEYED NOTES – THIS SHEET ONLY

1. EXISTING SUBSTATION TA-21-210 "SUS-1" IS LOCATED IN BLDG. 1, ROOM B-1. SEE SHEET E14 FOR ONE-LINE DIAGRAM AND SHEET E19 FOR REMOVAL AND INSTALLATION LAYOUTS.
2. DISCONNECT AND REMOVE EXISTING SUBSTATION TA-21-210 "SUS-1" PCB FILLED TRANSFORMER "TR-1" RATED 500 KVA, 3ø, 60 HERTZ, 13.2 KV AC DELTA PRIMARY AND 208Y/120 VOLT AC SECONDARY; COMPLETE WITH PCB FLUID AND DISPOSAL.
3. INSTALL NEW SUBSTATION TA-21-210 "SUS-1" DRY TYPE TRANSFORMER "TR-1" RATED 500/750 KVA, 3ø, 60 HERTZ, 13.2 KV AC DELTA PRIMARY AND 208Y/120 VOLT AC SECONDARY.
4. EXISTING SUBSTATION TA-21-312 "SUS-A" IS LOCATED IN BLDG. 1, ROOM 1. SEE SHEET E15 FOR ONE-LINE DIAGRAM AND SHEET E20 FOR REMOVAL AND INSTALLATION LAYOUTS.
5. DISCONNECT AND REMOVE EXISTING SUBSTATION TA-21-312 "SUS-A" PCB FILLED TRANSFORMER "TR-A" RATED 750 KVA, 3ø, 60 HERTZ, 13.2 KV AC DELTA PRIMARY AND 480Y/277 VOLT AC SECONDARY; COMPLETE WITH PCB FLUID AND DISPOSAL.
6. INSTALL NEW SUBSTATION TA-21-312 "SUS-A" DRY TYPE TRANSFORMER "TR-A" RATED 750/1125 KVA, 3ø, 60 HERTZ, 13.2 KV AC DELTA PRIMARY AND 480Y/277 VOLT AC SECONDARY.
7. EXISTING SUBSTATION TA-21-313 "SUS-A" IS LOCATED IN BLDG. 3, ROOM 3. SEE SHEET E16 FOR ONE-LINE DIAGRAM AND SHEET E21 FOR REMOVAL AND INSTALLATION LAYOUTS.
8. DISCONNECT AND REMOVE EXISTING SUBSTATION TA-21-313 "SUS-A" PCB FILLED TRANSFORMER "TR-A" RATED 750 KVA, 3ø, 60 HERTZ, 13.2 KV AC DELTA PRIMARY AND 480Y/277 VOLT AC SECONDARY; COMPLETE WITH PCB FLUID AND DISPOSAL.
9. INSTALL NEW SUBSTATION TA-21-313 "SUS-A" DRY TYPE TRANSFORMER "TR-A" RATED 750/1125 KVA, 3ø, 60 HERTZ, 13.2 KV AC DELTA PRIMARY AND 480Y/277 VOLT AC SECONDARY.
10. EXISTING SUBSTATION TA-21-314 "SUS-A" IS LOCATED IN BLDG. 4, ROOM 1. SEE SHEET E17 FOR ONE-LINE DIAGRAM AND SHEET E22 FOR REMOVAL AND INSTALLATION LAYOUTS.
11. DISCONNECT AND REMOVE EXISTING SUBSTATION TA-21-314 "SUS-A" PCB FILLED TRANSFORMER "TR-A" RATED 750 KVA, 3ø, 60 HERTZ, 13.2 KV AC DELTA PRIMARY AND 480Y/277 VOLT AC SECONDARY; COMPLETE WITH PCB FLUID AND DISPOSAL.
12. INSTALL NEW SUBSTATION TA-21-314 "SUS-A" DRY TYPE TRANSFORMER "TR-A" RATED 750/1125 KVA, 3ø, 60 HERTZ, 13.2 KV AC DELTA PRIMARY AND 480Y/277 VOLT AC SECONDARY.
13. EXISTING SUBSTATION TA-21-315 "SUS-A" IS LOCATED IN BLDG. 5, ROOM 3151. SEE SHEET E18 FOR ONE-LINE DIAGRAM AND SHEET E23 FOR REMOVAL AND INSTALLATION LAYOUTS.
14. DISCONNECT AND REMOVE EXISTING SUBSTATION TA-21-315 "SUS-A" PCB FILLED TRANSFORMER "TR-A" RATED 750 KVA, 3ø, 60 HERTZ, 13.2 KV AC DELTA PRIMARY AND 480Y/277 VOLT AC SECONDARY; COMPLETE WITH PCB FLUID AND DISPOSAL.
15. INSTALL NEW SUBSTATION TA-21-315 "SUS-A" DRY TYPE TRANSFORMER "TR-A" RATED 750/1125 KVA, 3ø, 60 HERTZ, 13.2 KV AC DELTA PRIMARY AND 480Y/277 VOLT AC SECONDARY.

NO.	DATE	CHECK REV	REMARKS	DR	CH	PM	PE	SUP	ENG	APP

FACILITIES ENGINEERING DIVISION

REPLACE PCB TRANSFORMERS

ELEC: TA-21 WEST SITE PLAN

BLDG. 1, 2, 3, 4, & 5 TA-21

TEAM: ROMQUILLO
DESIGN: D.W. ALLEN
DRAWN: H.P. DOLAN
REVIEW: E. RAMIREZ
DATE: 2/21/92

DRAWN D.W. Allen D.W. ALLEN
REVIEWED D.W. Allen D.W. ALLEN
APPROVED H.P. HUNNICUTT

Los Alamos — Los Alamos National Laboratory, Los Alamos, New Mexico 87545

SHEET 14 / 46 — E13

CHECKED U. BY D.W. ALLEN — DATE 2/21/92

PROJECT ID 12508 — DRAWING NO. SK7838 — REV.

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