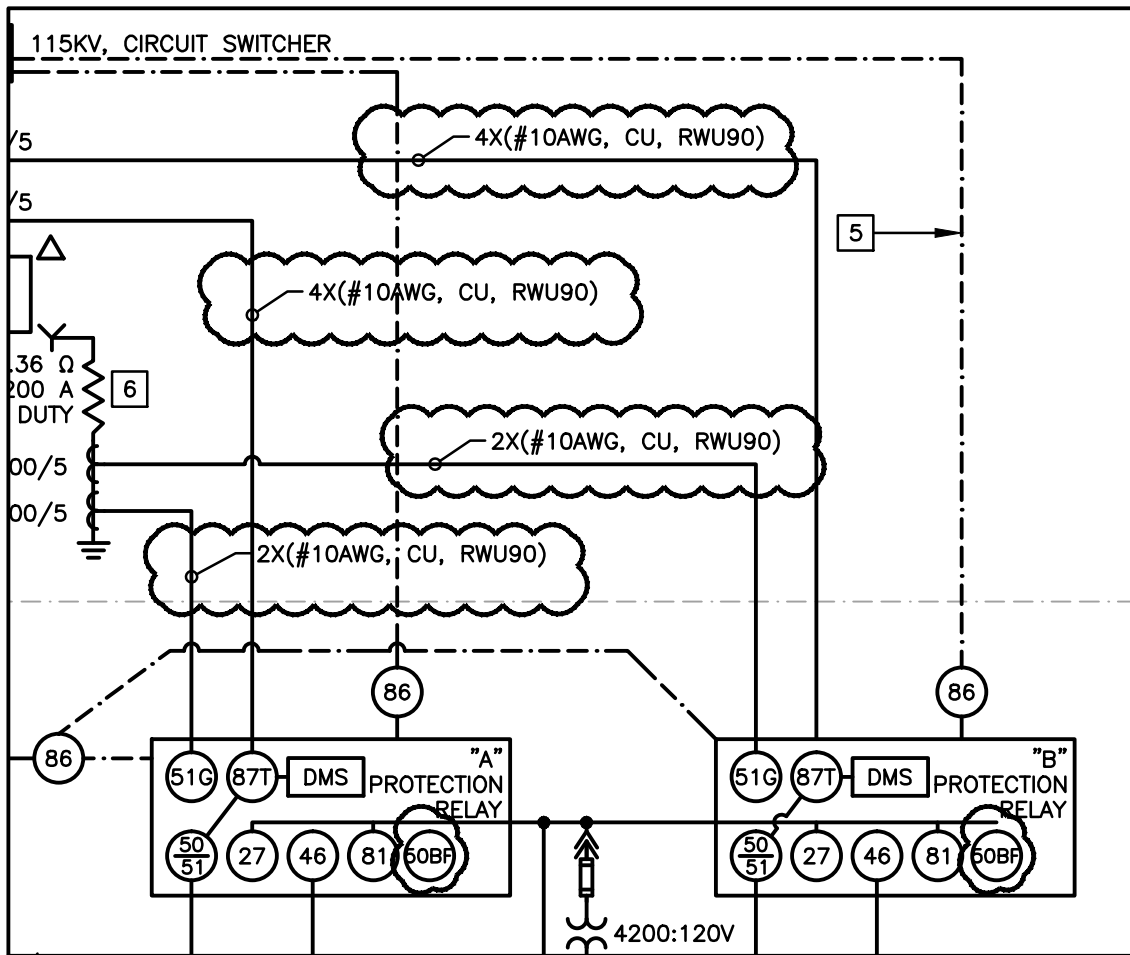


DRAWING NOTES:

5 SUPPLY AND INSTALL 20X(#10AWG, CU, RWU90) CONDUCTORS FROM TRANSFORMER AUXILIARY CONTROL PANEL TO SWITCHGEAR AUXILIARY CONTROL COMPARTMENT. CONDUCTORS TO BE USED FOR CONNECTION OF AUXILIARY TRANSFORMER SECONDARY WIRING AND TRANSFORMER ALARMS. SUPPLY AND INSTALL 10x(#12AWG, CU, RWU90) CONDUCTORS FROM CIRCUIT SWITCHER CONTROL PANEL TO SWITCHGEAR AUXILIARY CONTROL COMPARTMENT, CONDUCTORS USED FOR STATUS CONTACTS AND TRIP SIGNALS



SINGLE LINE - PHASE 1
N.T.S.

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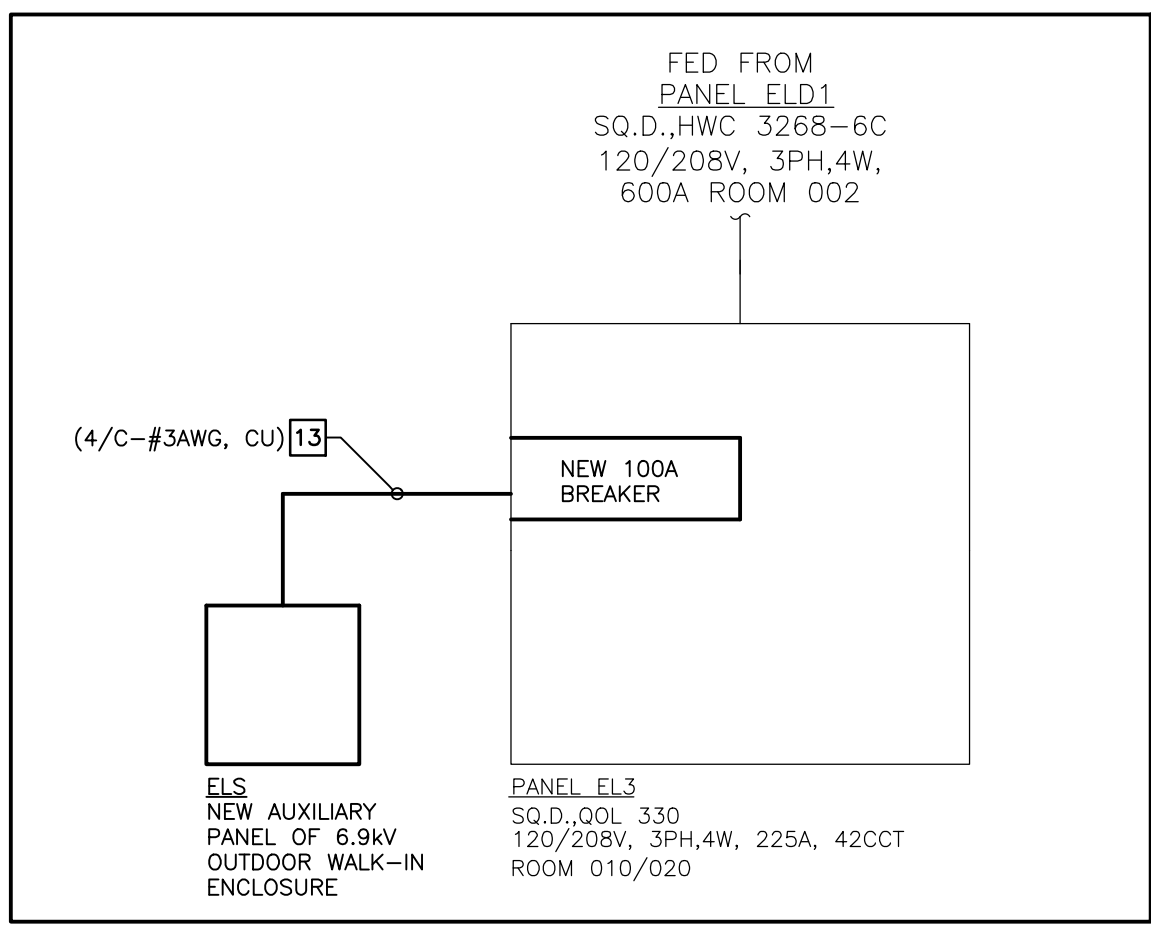
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Figure No.
SK-ADD1-1

Title
D-5078-E01
MEDIUM VOLTAGE
SINGLE LINE LINE-PHASE 1

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C
E05 **POWER FOR NEW OUTDOOR ENCLOSURE**
N.T.S.

DRAWING NOTES:

13 SUPPLY AND INSTALL NEW DUCT CONDUIT, ASSOCIATED CABLES AND 100A BREAKER FROM EXISTING PANEL EL3 TO AUXILIARY SUPPLY PANEL OF NEW 6.9kV OUTDOOR WALK-IN ENCLOSURE. ROUTE CONDUCTORS IN EMT AND UNDERGROUND DUCT AS REQUIRED. EXISTING PANEL IS A SQUARE D, QO PANEL.

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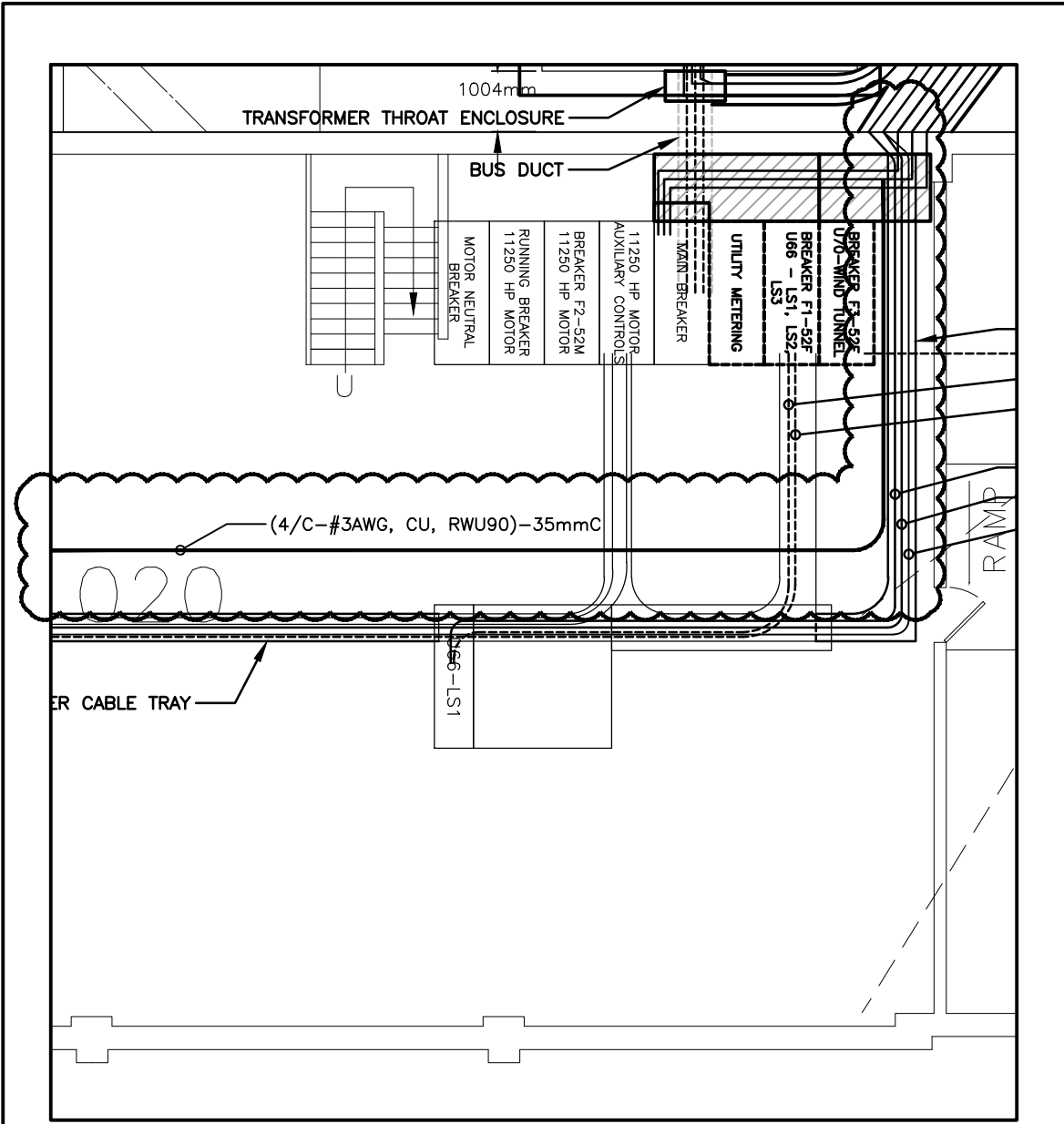


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Figure No.
SK-ADD1-2

Title
D-5078-E05
SUBSTATION LAYOUT
PHASE 1



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B 115KV SUBSTATION LAYOUT
 E08 1:100

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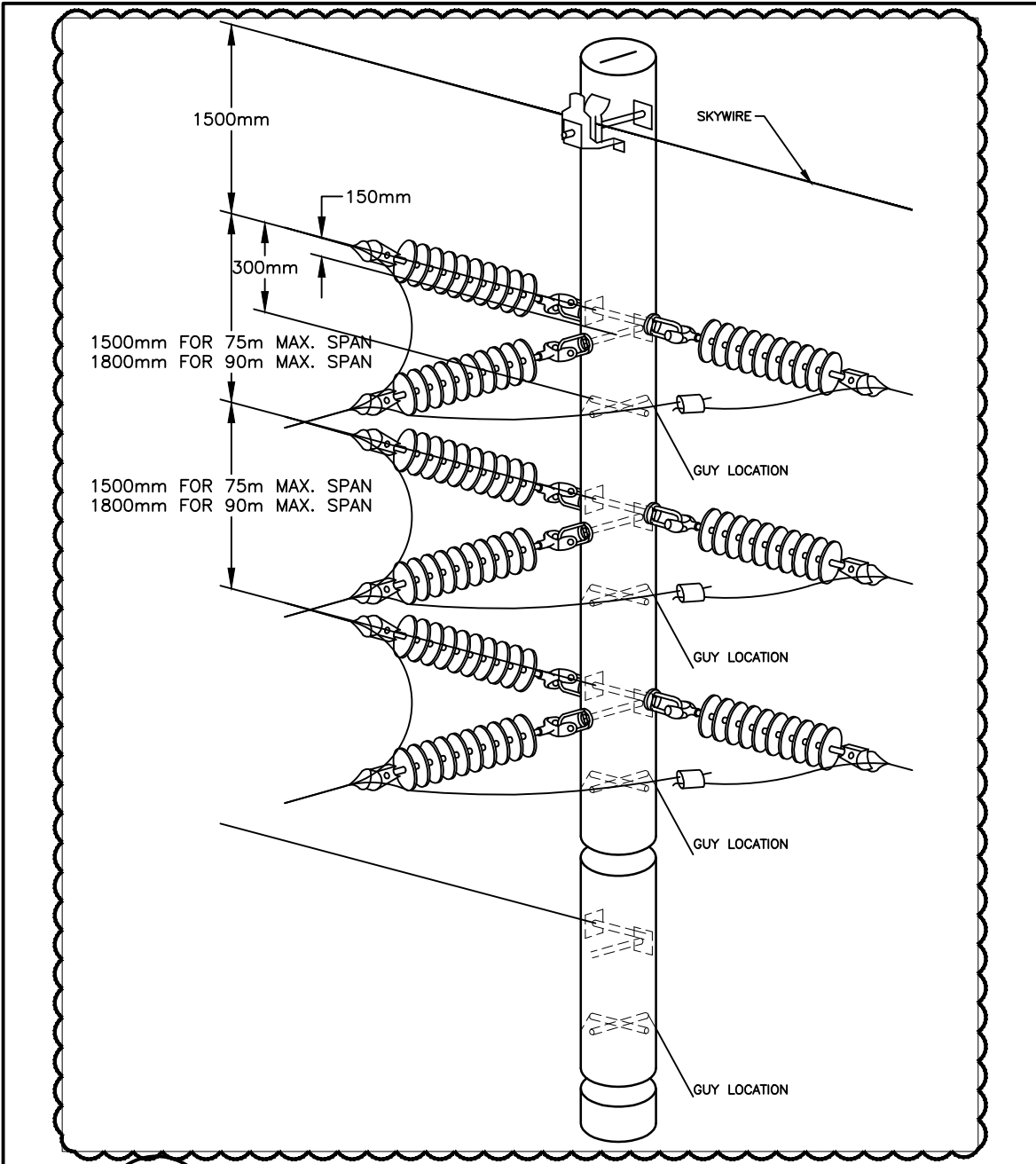
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 NEW 115KV SUBSTATION

Figure No.
 SK-ADD1-3

Title
 D-5078-E08
 SUBSTATION LAYOUT
 PHASE 4 & 5

\\CD\1218-F02\WORK_GROUP\01-633\ACTIVE\163301846_NRC_UPLANDS\115KV SUB\DRAWING\163301846_4OVERHEADLINE.DWG
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B NEW 115KV 3-PHASE LINE DETAIL
E09 N.T.S.

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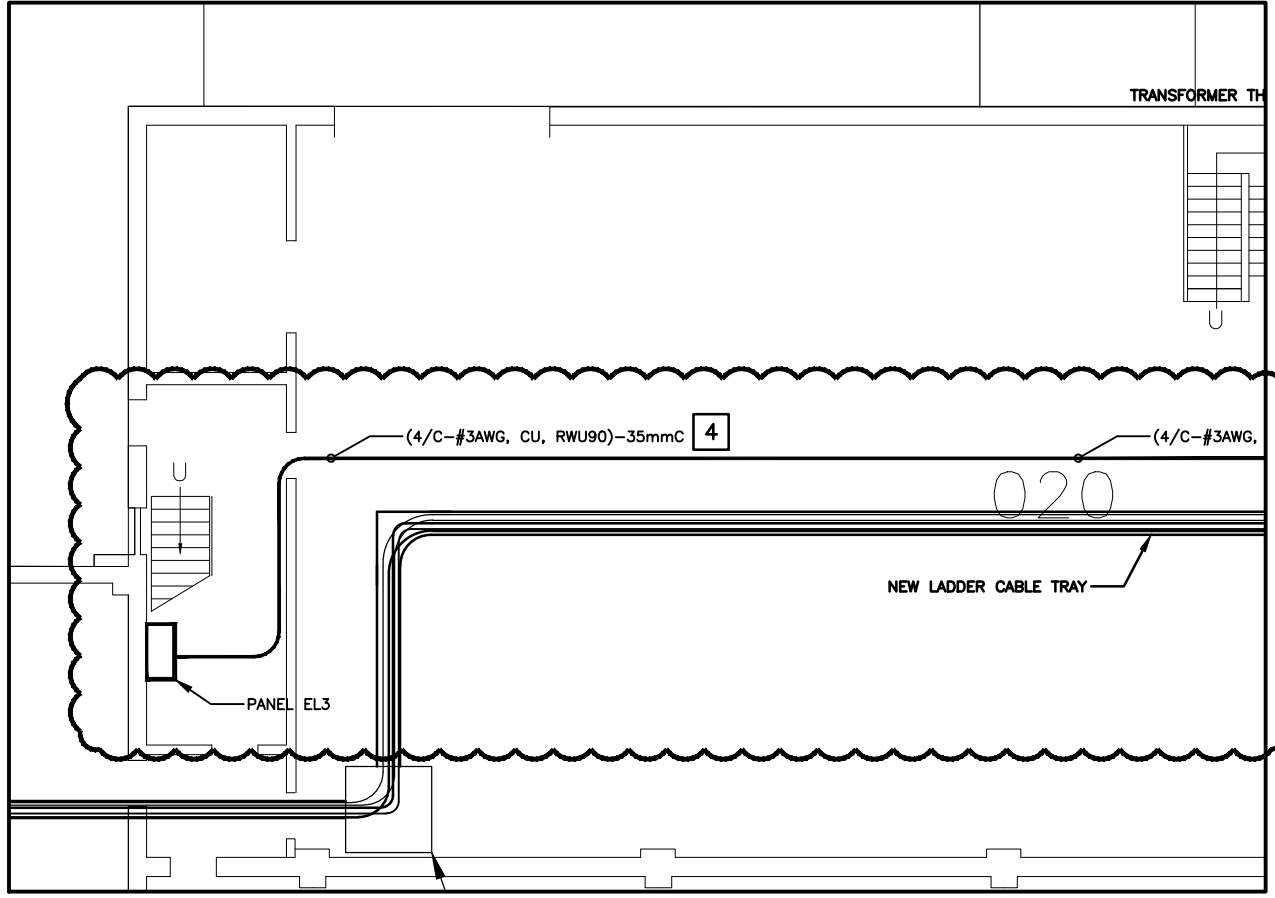
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Figure No.
SK-ADD1-4
Title
D-5078-E09
115KV OVERHEAD LINE
ROUTE AND DETAILS

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ROUTING LAYOUT
U-66 6.9kV SUBSTATION TO LS2 & LS3

1:150

DRAWING NOTES:

4 SUPPLY AND INSTALL NEW CONDUCTORS AS REQUIRED TO DUCT BANK ROUTED TO OUTDOOR WALKIN ENCLOSURE FOR SUPPLY OF OUTDOOR WALKIN ENCLOSURE PANEL.

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 NEW 115KV SUBSTATION
 Figure No.
 SK-ADD1-5
 Title
 D-5078-E10
 6.9KV DUCT BANK ROUTE
 AND DETAILS

DUCT SCHEDULE

	CONDUCTOR(S)
16	NYLON ROPE
17	(3/C-500MCM, 15kV, AIRGUARD)
18	(3/C-500MCM, 15kV, AIRGUARD)
19	(3/C-500MCM, 15kV, AIRGUARD)
20	(3/C-500MCM, 15kV, AIRGUARD)
21	NYLON ROPE
22	NYLON ROPE
23	(3/C-#2AWG, CU, 15kV, AIRGUARD)
24	(3/C-#250MCM, CU, 15kV, AIRGUARD)
25	(3/C-#250MCM, CU, 15kV, AIRGUARD)
26	NYLON ROPE
27	NYLON ROPE
28	NYLON ROPE
29	14x(#10AWG, RWU90, CU)
30	4x(#12AWG, RWU90, CU)
31	12x(#12AWG, RWU90, CU)
32	10x(#10AWG, RWU90, CU)
33	4x(#12AWG, RWU90, CU)
34	10x(#12AWG, RWU90, CU)
35	NYLON ROPE
36	10x(#12AWG, RWU90, CU) AND FIBREOPTIC CABLE.

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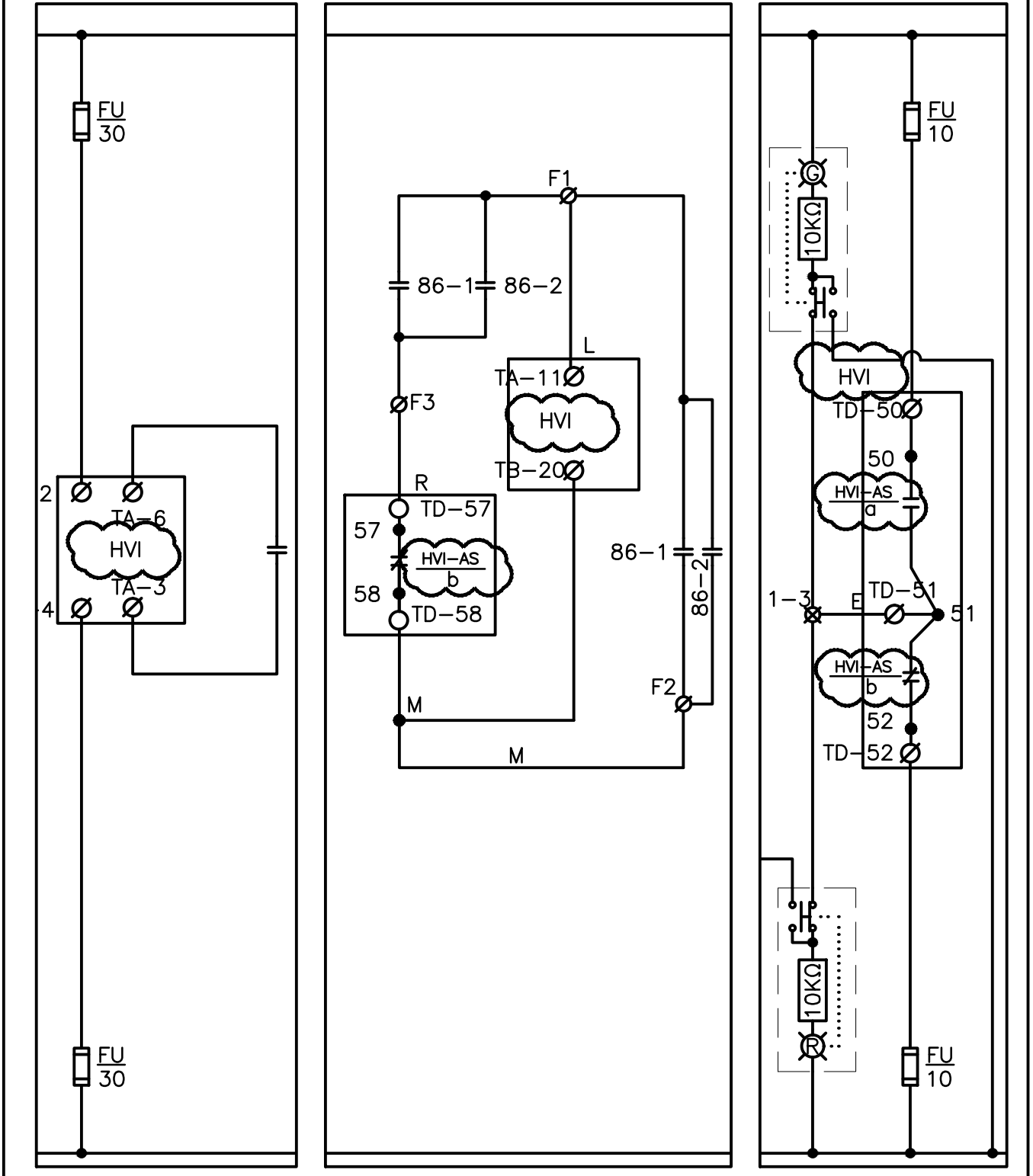
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Figure No.
SK-ADD1-6

Title
D-5078-E12
115KV SUBSTATION
DETAILS

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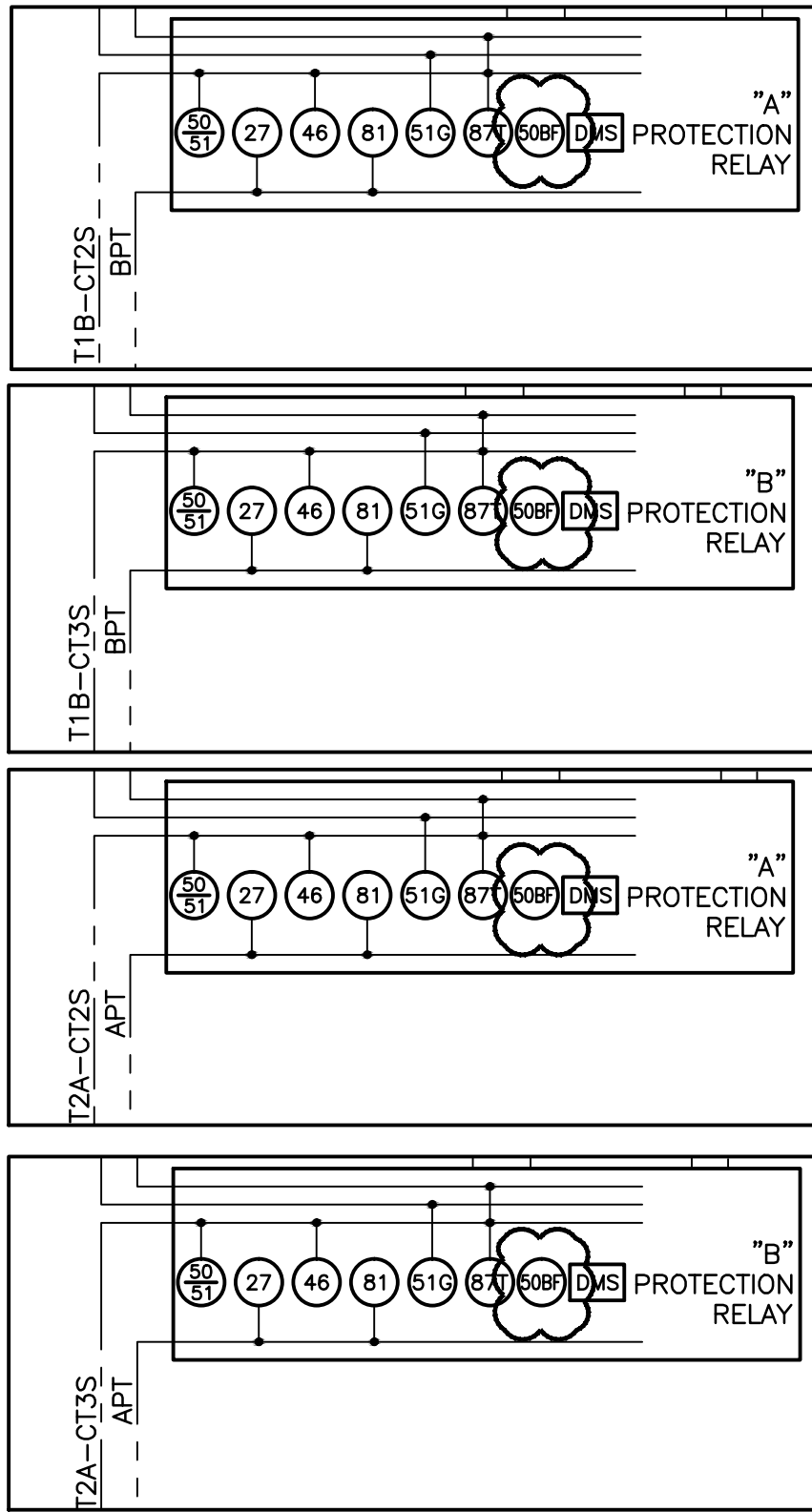
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Figure No.
SK-ADD1-7
Title
D-5078-E15
DC CONTROL
NEW CIRCUIT SWITCH

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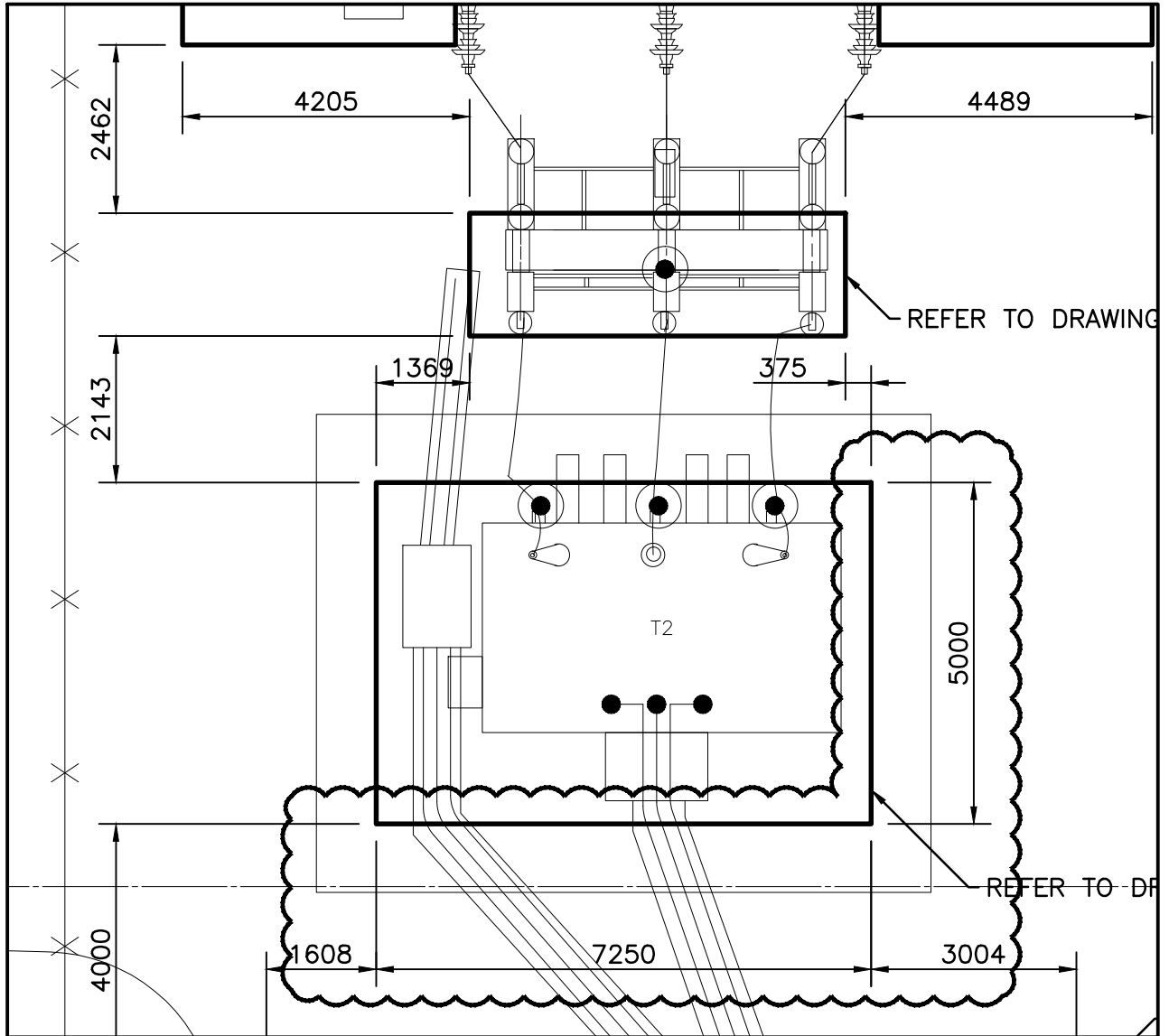
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Figure No.
SK-ADD1-8

Title
D-5078-E16
TRANSFORMER PROTECTION
SCHEMATIC

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FOUNDATION LAYOUT
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NEW 115KV SUBSTATION

Figure No.

SK-ADD1-9

Title

D-5078-S01
STRUCTURAL
GENERAL LAYOUT AND NOTE