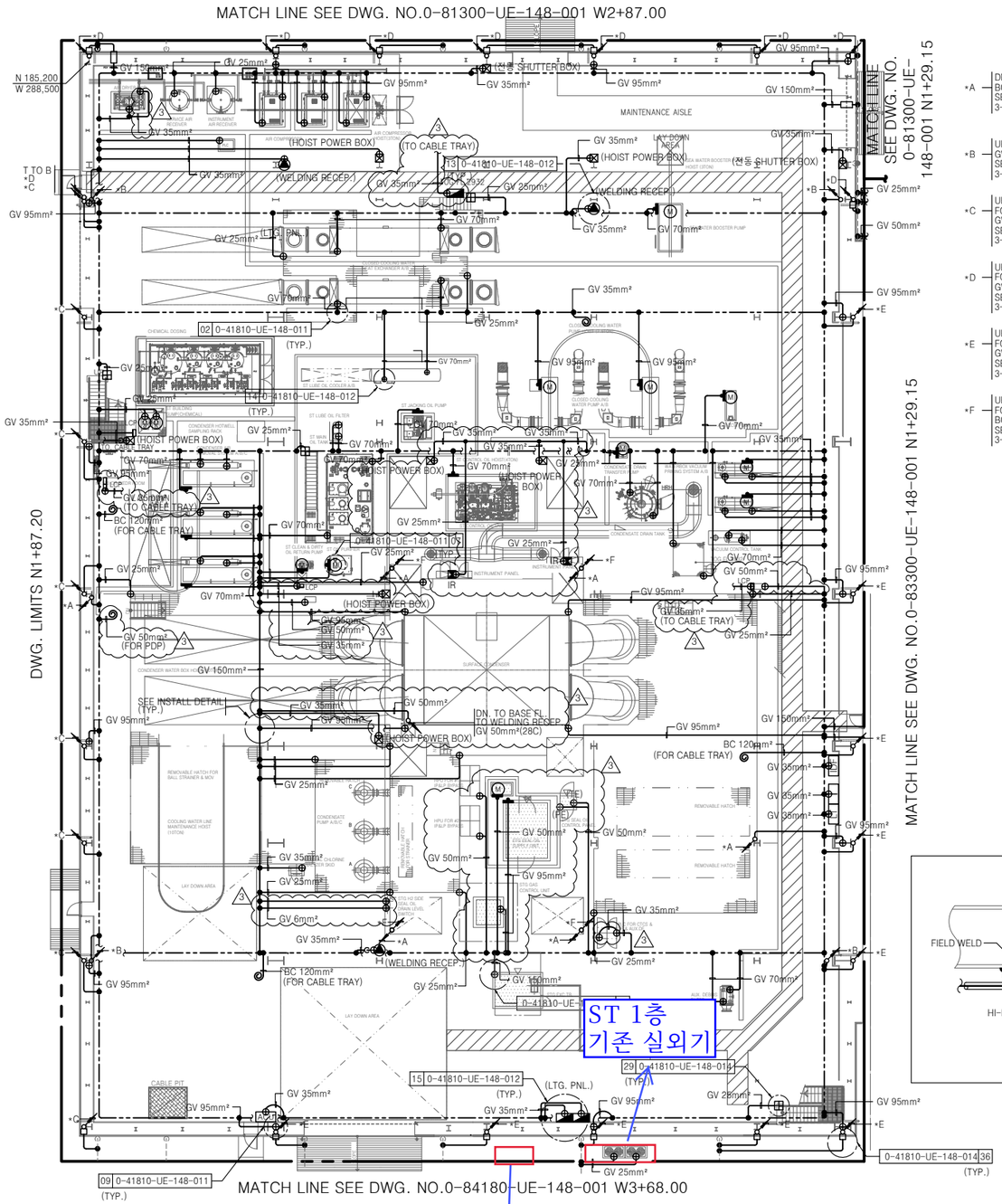
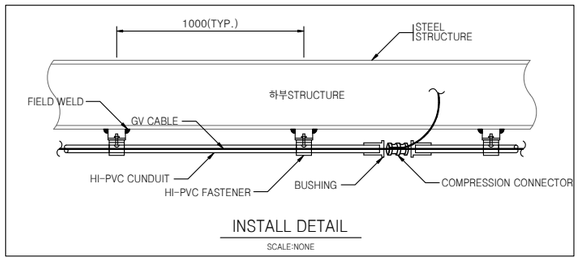




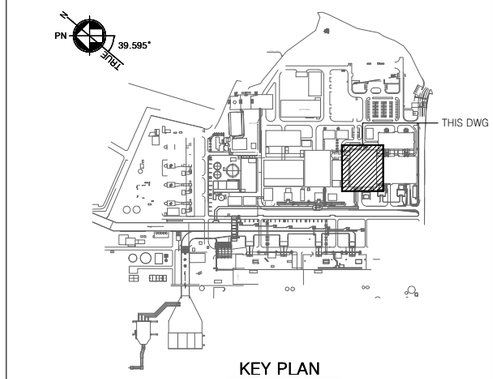
1 GROUNDING PLAN FOR STEAM TBN BLDG. (FL.+0~FL.+6500)

SCALE:1/200



INSTALL DETAIL

SCALE:NONE



KEY PLAN

*A — DN TO FL.-7,200
BC 150mm²
SEE DWG. NO.
3-83100-UE-148-001

*B — UP TO FL.6,500
GV 150mm² (HI-PVC 36C)
SEE DWG. NO.
3-83100-UE-148-003

*C — UP TO FL.20,500
FOR LIGHTNING
GV 50mm² (HI-PVC 28C)
SEE DWG. NO.
3-83100-UE-148-004

*D — UP TO FL.25,200
FOR LIGHTNING
GV 50mm² (HI-PVC 28C)
SEE DWG. NO.
3-83100-UE-148-005

*E — UP TO ROOF FL.
FOR LIGHTNING
GV 50mm² (HI-PVC 28C)
SEE DWG. NO.
3-83100-UE-148-006

*F — UP TO FL.12,500
FOR STG
BC 150mm²
SEE DWG. NO.
3-83100-UE-148-004

REFERENCE DWG

1. 0-41810-UE-148-011 : GROUNDING SYSTEM NOTES, SYMBOL & LEGEND
2. 0-41810-UE-148-101 : GROUNDING LAYOUT FOR OVERALL
3. 0-41810-UE-148-011~015 : TYPICAL INSTALLATION DETAIL FOR GROUNDING SYSTEM
4. 0-81300-UE-148-001 : GROUNDING PLAN FOR HRSG AREA
5. 0-83300-UE-148-001 : GROUNDING PLAN FOR GAS TBN BLDG.
6. 0-84180-UE-148-001 : GROUNDING PLAN FOR STEAM TBN TR AREA.
7. 3-83100-UE-148-001,003~006 : GROUNDING PLAN FOR STEAM TBN BLDG.

NOTES

1. GL.±0.00 = EL.+12.500(I.M.S.L) = FL.-300
2. ALL DIMENSION ARE IN MILIMETERS.
3. CONSTRUCTION MUST BE GROUNDED ALL STEEL STRUCTURE AND DOOR, STAIRS, ETC BASED ON SITE CONDITION. UNLESS OTHERWISE NOTED.

SYMBOL & LEGEND

- MAIN MESH BARE COPPER 150mm²
- 150mm² COPPER CABLE, BARE, STANDARD BURIED OR EMBEDDED
- 70mm²/95mm² COPPER CABLE, BARE, STANDARD BURIED OR EMBEDDED
- 25mm²/35mm²/50mm² COPPER CABLE, BARE, STANDARD BURIED OR EMBEDDED
- GV CABLE, BURIED OR EMBEDDED
- GROUNDING TERMINAL
- PIGTAIL
- GROUNDING PAD (VER. TYPE)
- GROUNDING PAD (HOR. TYPE)

FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	PREPARED	CHECKED	REVIEWED	APPROVED
3	18.03.30	REVISED AS MARKED	K.H.PARK	D.H.JUNG	T.Y.LEE	K.C.HONG
2	17.09.28	REVISED AS MARKED	K.H.PARK	D.H.JUNG	T.Y.LEE	K.C.HONG
1	17.09.01	REVISED AS MARKED	K.H.PARK	D.H.JUNG	T.Y.LEE	K.C.HONG
0	16.12.20	FOR CONSTRUCTION	K.H.PARK	D.H.JUNG	T.Y.LEE	K.C.HONG

OWNER

SPPC 신평택발전

SHIN PYEONGTACK COMBINED CYCLE POWER PLANT

OE

KOREA WESTERN POWER CO., Ltd.

CONTRACTOR

posco 포스코건설 (주)서희건설

TITLE	GROUNDING PLAN FOR STEAM TBN BLDG. (FL.+0~FL.+6500)		
PROJECT DRAWING NUMBER	WD210-EE172-0002	SCALE	SHEET
		1/200	1/1

MULTI UNIT	PROJECT	OWNER'S NUMBER	C/F NO.	REV.
0	10000	3-83100-UE-148-002		3

A1(841 X 594mm)