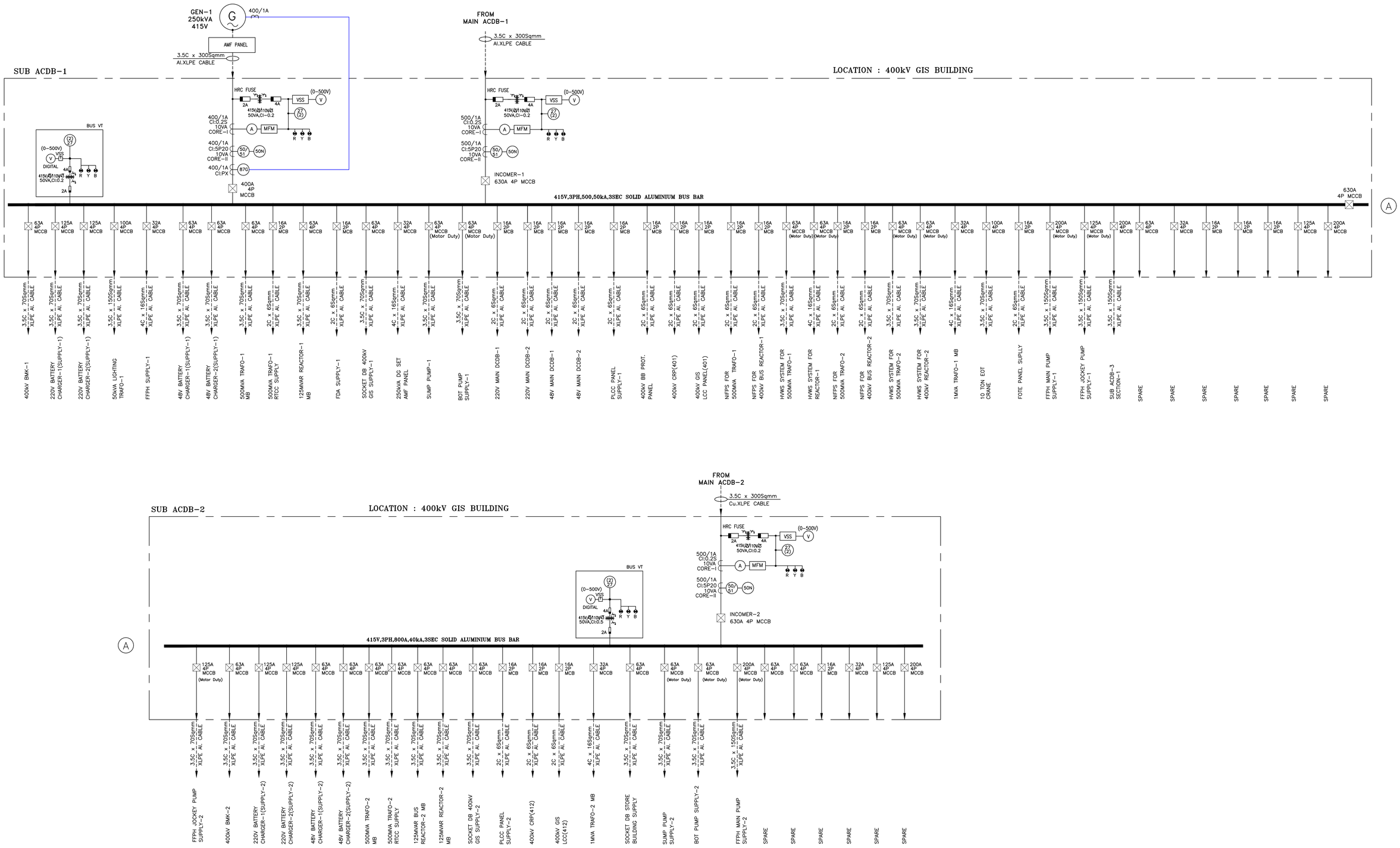
SUB ACDB-1
LOCATION : 400kV GIS BUILDING
GEN-1
250kVA
415V
400/1A
AMF PANEL
3.5C x 300Sqmm
Al.XLPE CABLE
FROM
MAIN ACDB-1
3.5C x 300Sqmm
Al.XLPE CABLE
HRC FUSE
2A
4A
VSS
(0-500V)
V
415V/√3/110V/√3
50VA,Cl-0.2
27
(2)
400/1A
Cl:0.2S
10VA
CORE-I
A
MFM
R Y B
400/1A
Cl:5P20
10VA
CORE-II
50/51
50N
400/1A
Cl:PX
87G
400A
4P
MCCB
500/1A
Cl:0.2S
10VA
CORE-I
500/1A
Cl:5P20
10VA
CORE-II
INCOMER-1
630A 4P MCCB
BUS VT
(0-500V)
VSS
DIGITAL
4A
2A
415V,3PH,500,50kA,3SEC SOLID ALUMINIUM BUS BAR
630A
4P MCCB
A
63A 4P MCCB
125A 4P MCCB
100A 4P MCCB
32A 4P MCCB
16A 2P MCB
200A 4P MCCB
(Motor Duty)
3.5C x 70Sqmm XLPE Al. CABLE
4C x 16Sqmm XLPE Al. CABLE
2C x 6Sqmm XLPE Al. CABLE
3.5C x 150Sqmm XLPE Al. CABLE
400kV BMK-1
220V BATTERY CHARGER-1(SUPPLY-1)
220V BATTERY CHARGER-2(SUPPLY-1)
50kVA LIGHTING TRAFO-1
FFPH SUPPLY-1
48V BATTERY CHARGER-1(SUPPLY-1)
48V BATTERY CHARGER-2(SUPPLY-1)
500MVA TRAFO-1 MB
500MVA TRAFO-1 RTCC SUPPLY
125MVAR REACTOR-1 MB
FDA SUPPLY-1
SOCKET DB 400kV GIS SUPPLY-1
250kVA DG SET AMF PANEL
SUMP PUMP-1
BOT PUMP SUPPLY-1
220V MAIN DCDB-1
220V MAIN DCDB-2
48V MAIN DCDB-1
48V MAIN DCDB-2
PLCC PANEL SUPPLY-1
400kV BB PROT. PANEL
400kV CRP(401)
400kV GIS LCC PANEL(401)
NIFPS FOR 500MVA TRAFO-1
NIFPS FOR 400kV BUS REACTOR-1
HWS SYSTEM FOR 500MVA TRAFO-1
HWS SYSTEM FOR REACTOR-1
NIFPS FOR 500MVA TRAFO-2
NIFPS FOR 400kV BUS REACTOR-2
HWS SYSTEM FOR 500MVA TRAFO-2
HWS SYSTEM FOR 400kV REACTOR-2
1MVA TRAFO-1 MB
10 TON EOT CRANE
FOTE PANEL SUPLLY
FFPH MAIN PUMP SUPPLY-1
FFPH JOCKEY PUMP SUPPLY-1
SUB ACDB-3 SECTION-1
SPARE
SUB ACDB-2
LOCATION : 400kV GIS BUILDING
FROM
MAIN ACDB-2
3.5C x 300Sqmm
Cu.XLPE CABLE
HRC FUSE
2A
4A
VSS
(0-500V)
V
415V/√3/110V/√3
50VA,Cl:0.2
27
(2)
500/1A
Cl:0.2S
10VA
CORE-I
A
MFM
R Y B
500/1A
Cl:5P20
10VA
CORE-II
50/51
50N
INCOMER-2
630A 4P MCCB
BUS VT
(0-500V)
VSS
DIGITAL
4A
2A
415V,3PH,800A,40kA,3SEC SOLID ALUMINIUM BUS BAR
A
125A 4P MCCB
63A 4P MCCB
200A 4P MCCB
16A 2P MCB
32A 4P MCCB
(Motor Duty)
3.5C x 70Sqmm XLPE Al. CABLE
2C x 6Sqmm XLPE Al. CABLE
4C x 16Sqmm XLPE Al. CABLE
3.5C x 150Sqmm XLPE Al. CABLE
FFPH JOCKEY PUMP SUPPLY-2
400kV BMK-2
220V BATTERY CHARGER-1(SUPPLY-2)
220V BATTERY CHARGER-2(SUPPLY-2)
48V BATTERY CHARGER-1(SUPPLY-2)
48V BATTERY CHARGER-2(SUPPLY-2)
500MVA TRAFO-2 MB
500MVA TRAFO-2 RTCC SUPPLY
125MVAR BUS REACTOR-2 MB
125MVAR REACTOR-2 MB
SOCKET DB 400kV GIS SUPPLY-2
PLCC PANEL SUPPLY-2
400kV CRP(412)
400kV GIS LCC(412)
1MVA TRAFO-2 MB
SOCKET DB STORE BUILDING SUPPLY
SUMP PUMP SUPPLY-2
BOT PUMP SUPPLY-2
FFPH MAIN PUMP SUPPLY-2
SPARE