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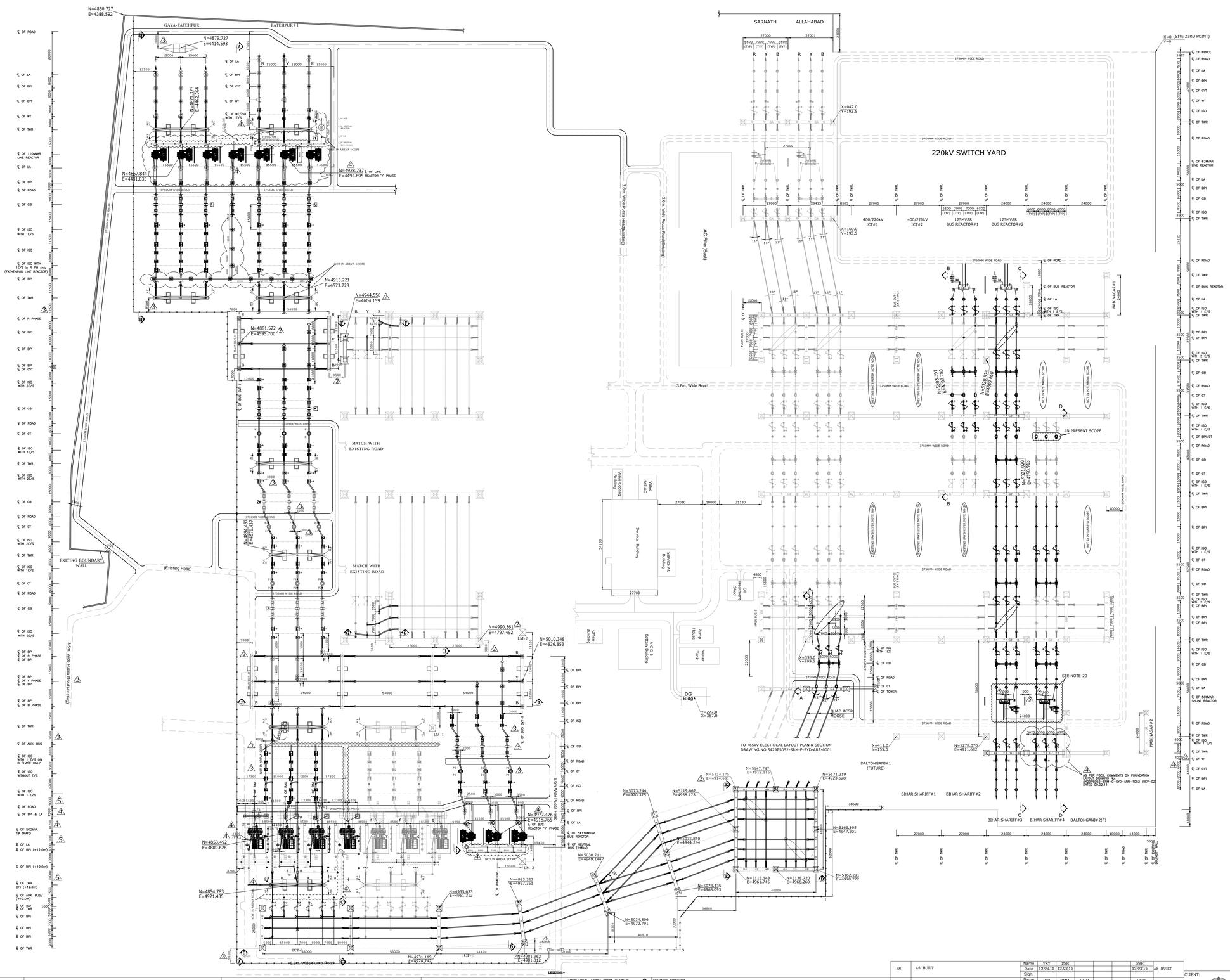
DRAWING No. 5429PS052-SRM-E -SYD-ARR-0001



AS BUILT

REV.No.	DESCRIPTION	DATE	DRAWN	REVIEWED	ELE.	CIVIL	MECH.	APPROVED	STATUS
R6	AS BUILT	Name VKY SSR / Date 13.02.15 13.02.15 / Sign.					SSR 13.02.15	AS BUILT	
R5	REVISED AS PER CUSTOMER COMMENT DATED 05.08.11	Name JGS DMH DMH / Date 09.08.11 09.08.11 09.08.11 / Sign.					SSR 09.08.11	FOR APPROVAL	
R4	REVISED AS PER CUSTOMER COMMENT DATED-04.05.11	Name JS DMH DMH / Date 10.05.11 10.05.11 10.05.11 / Sign.					SKR 10.05.11	FOR APPROVAL	
R3	REVISED AS PER CUSTOMER COMMENTS DATED 28.02.11	Name KOS GSG GSG / Date 03.03.11 03.03.11 03.03.11 / Sign.					PTK 03.03.11	FOR APPROVAL	
R2	REVISED AS PER CUSTOMER COMMENTS DATED 07.02.11	Name KOS GSR GSG / Date 17.02.11 17.02.11 17.02.11 / Sign.					PTK 17.02.11	CAT-I*	
R1	REVISED AS PER CUSTOMER COMMENTS	Name KOS GSR GSG / Date 20.01.11 20.01.11 20.01.11 / Sign.					PTK 20.01.11	CAT-II	
R0	FIRST ISSUE	Name SBY GSR GSG / Date 28.12.10 28.12.10 28.12.10 / Sign.					PTK 28.12.10	FOR APPROVAL	

CLIENT: पावर ग्रिड कॉर्पोरेशन ऑफ इण्डिया लिमिटेड POWER GRID CORPORATION OF INDIA LIMITED. (A Government of India Enterprise)
2nd FLOOR, PLOT No.-2 SECTOR-29 GURGAON-122 001 (HARYANA).

PROJECT: 765/400kV SASARAM(NEW) SUBSTATION ASSOCIATED WITH 'COMMON SCHEME FOR 765kV POOLING STATION AND NETWORK FOR NR AND COMMON SCHEME FOR NETWORK FOR WR' AND EXTN. OF 765/400kV SASARAM SUBSTATION ASSOCIATED WITH SUPPLEMENTARY TRANSMISSION SYSTEM FOR DVC & MAITHON RIGHT BANK PROJECT' SEC. NO. C-47210-S019A-3

LOA No.: C-47210-S019A-3/G3/NOA-I/3385, NOA-II/3386 & NOA-III/3387 (DATED-29/06/2010)

TITLE: 765/400kV COMMIND LAYOUT PLAN AND SECTION

A0 AREVA — AREVA T&D INDIA LTD, A 7, SECTOR-65, NOIDA - 201301, UTTAR PRADESH (INDIA).

DRAWING No. 5429PS052-SRM-E -SYD-ARR-0001 | TOTAL SH. 02 | SH.No. 01 | REV. R6 | SCALE 1:800

REFERENCE NO.	DESCRIPTION	LEGEND
S19/752 SEP'08 T 01 C-ENGG/ER/DVC-S3/SASARAM/LAY/GA/01 5429PS052-SRM-E-SYS-SLD-0401	TOPOGRAPHICAL SURVEY AND LAYOUT DRAWING OF HVDC SUB-STATION AREA AT PUSAULI GENERAL ARRANGEMENT OF SUB STATION 765/400kV SWITCHYARD KEY SINGLE LINE DIAGRAM	LEGEND:- 765kV,3150A,40kA,1sec, 1-PHASE ISOLATOR WITH ONE EARTH SWITCH (INDIVIDUAL POLE OPERATED); 765kV,3150A,40kA,1sec, 1-PHASE ISOLATOR WITHOUT EARTH SWITCH (INDIVIDUAL POLE OPERATED); 765kV,CURRENT TRANSFORMER 3000A,40kA,1sec 120% EXTENDED CURRENT RATING; 765kV ,1-PH CVT (8800pF); 624kV,20kA LIGHTENING ARRESTER (1-Ø) DISCHARGE CURRENT,20kA; 765kV, 3150A,40kA 1mH (1-Ø) WAVE TRAP; 765kV,3150A,40kA,1sec,SF6,3P CIRCUIT BREAKER WITH CONTROL SWITCHING W/O CLOSING RESISTOR; 765kV,3150A,40kA,1sec,SF6,3P CIRCUIT BREAKER WITH ONE EARTH SWITCH; 765kV,3150A,40kA,1sec,SF6,3P CIRCUIT BREAKER WITH CLOSING RESISTOR & CONTROL SWITCHING; 765kV,3150A,40kA,1sec, 3-PHASE ISOLATOR WITH ONE EARTH SWITCH; 765kV,3150A,40kA,1sec, 3-PHASE ISOLATOR WITH TWO EARTH SWITCH; 765kV,3150A,40kA,1sec,SF6,1P CIRCUIT BREAKER WITH CONTROL SWITCHING W/O CLOSING RESISTOR; 765kV TOWER W/O PEAK; 765kV TOWER WITH PEAK

LEGENDS:- -HORIZONTAL DOUBLE BREAK ISOLATOR WITH ONE EARTH SWITCH; -HORIZONTAL DOUBLE BREAK ISOLATOR WITH TWO EARTH SWITCH; -CIRCUIT BREAKER W/O CR; -BUS POST ISOLATOR; -CAPACITIVE VOLTAGE TRANSFORMER; -CURRENT TRANSFORMER; -PRESENT SCOPE; -EXISTING/FUTURE; -HORIZONTAL CENTER BREAK ISOLATOR WITH ONE EARTH SWITCH; -LIGHTNING ARRESTOR; 400 TOWER WITH PEAK; 400 TOWER W/O PEAK