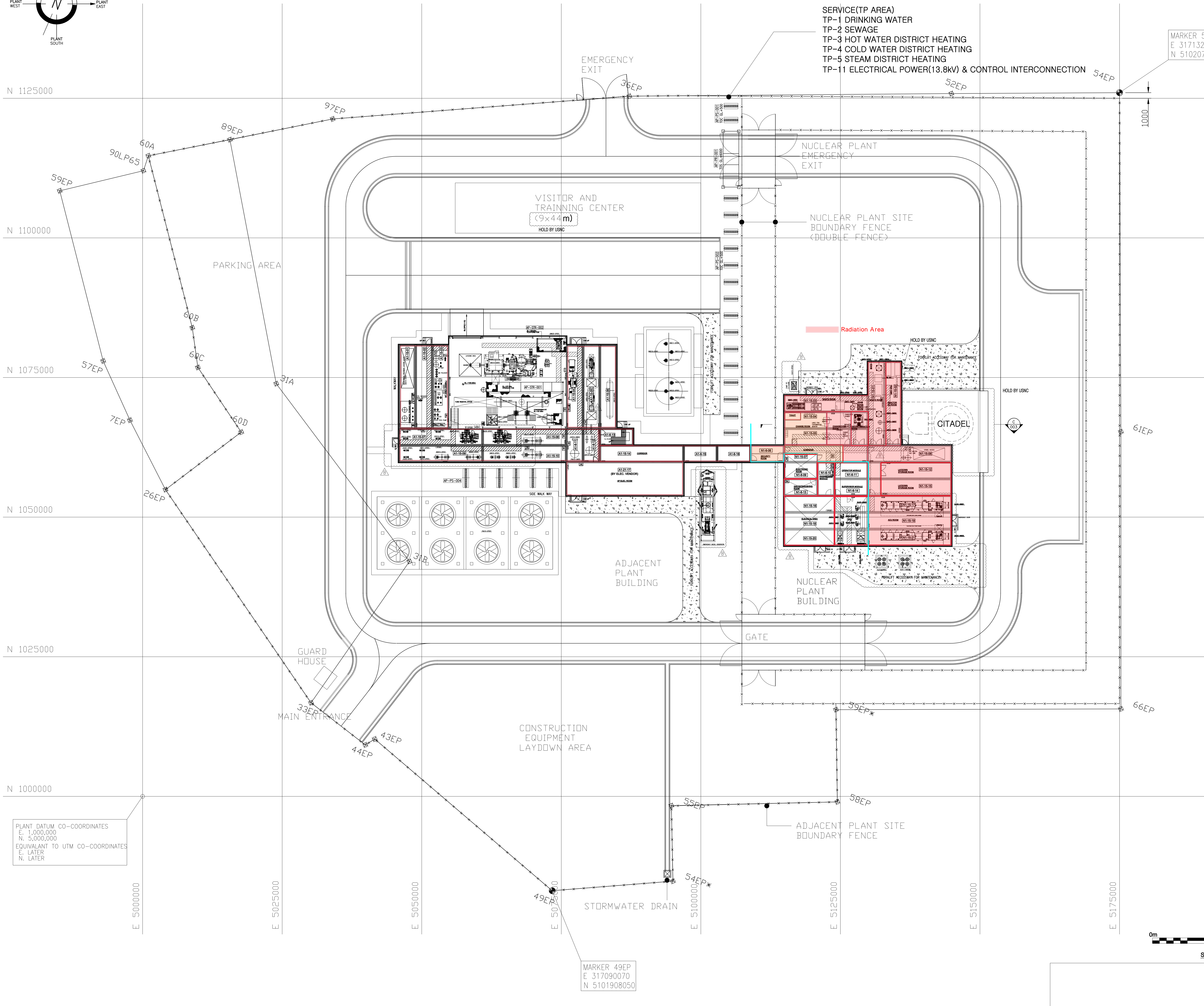


TERMINAL POINT LIST	
TP NO.	DESCRIPTION
TP-01	DRINKING WATER
TP-02	SEWAGE
TP-03	HOT WATER DISTRICT HEATING
TP-04	COLD WATER DISTRICT HEATING
TP-05	STEAM DISTRICT HEATING
TP-11	ELECTRICAL POWER(13.8kV) & CONTROL INTERCONNECTION

EQUIPMENT LIST		
#AP AREA		
EQUIPMENT NO.	DESCRIPTION	REMARK
MAIN EQUIPMENT		
GCT10-HS001	WATER TREATMENT PLANT	A1-15-03
HAH10-EP001	SUPERHEATER	A1-15-06
MAA10-MN001	STEAM TURBINE	TBN HALL
MAG10-CM001	SURFACE CONDENSER	TBN HALL
MKA10-GA001	GENERATOR	TBN HALL
NQE10-CP001	HOT MOLTEN SALT TANK	YARD
NQE20-CP001	COLD MOLTEN SALT TANK	YARD
PAD10-EP001	DRY COOLING TOWER	YARD
LATER	COMPRESSED AIR SYSTEM	A1-15-04
PUMP		
GCK11-GP001	DEMI WATER TRANSFER PUMP A	A1-15-07
GCK12-GP001	DEMI WATER TRANSFER PUMP B	A1-15-07
QMA11-GP001	ST AREA SUMP PUMP A	TBN HALL
QMA12-GP001	ST AREA SUMP PUMP B	TBN HALL
QMA20-GP001	BUILDING AREA SUMP PUMP	TBN HALL
NG11-GP001	WASTE WATER PUMP A	A1-15-07
NG12-GP001	WASTE WATER PUMP B	A1-15-07
LAB10-GP001	BOILER FEEDWATER PUMP A	A1-15-05
LAB20-GP001	BOILER FEEDWATER PUMP B	A1-15-05
LOC20-GP001	CONDENSATE EXTRACTION PUMP A	TBN HALL
LOC30-GP001	CONDENSATE EXTRACTION PUMP B	TBN HALL
MAJ20-GQ001	CONDENSER VACUUM PUMP A	A1-15-08
MAJ30-GQ001	CONDENSER VACUUM PUMP B	A1-15-08
NDB10-GP001	DISTRICT HEATER WATER INLINE PUMP A	A1-15-15
NDB20-GP001	DISTRICT HEATER WATER INLINE PUMP B	A1-15-15
NAB10-GP001	DISTRICT HEATER CONDENSATE PUMP A	A1-15-09
NAB20-GP001	DISTRICT HEATER CONDENSATE PUMP B	A1-15-09
NQE11-GP001	HOT MOLTEN SALT PUMP A	YARD
NQE12-GP001	HOT MOLTEN SALT PUMP B	YARD
NQE13-GP001	HOT MOLTEN SALT PUMP C	YARD
NQE21-GP001	COLD MOLTEN SALT PUMP A	YARD
NQE22-GP001	COLD MOLTEN SALT PUMP B	YARD
NQE23-GP001	COLD MOLTEN SALT PUMP C	YARD
PAC11-GP001	COOLING WATER PUMP A	A1-15-08
PAC12-GP001	COOLING WATER PUMP B	A1-15-10
XLA11-GP001	DRINKING WATER TRANSFER PUMP A	A1-15-09
XLA12-GP001	DRINKING WATER TRANSFER PUMP B	A1-15-09
XLA21-GP001	DRINKING WATER SUPPLY PUMP A	A1-15-09
XLA22-GP001	DRINKING WATER SUPPLY PUMP B	A1-15-09
TANK		
GCN10-CM001	CHEMICAL INJECTION TANK FOR AP	A1-6-11
HAP10-CM001	BLOWDOWN TANK	A1-6-12
LOK20-CM001	START-UP FLASH TANK	TBN HALL
PAB10-CM001	EXPANSION TANK FOR AP	A1-6-11
ETC (GN)		
NG10-HP001	WASTE WATER TREATMENT SYSTEM (ZLED)	A1-15-01
ETC (EL)		
LATER	EMERGENCY DIESEL GENERATOR	YARD
PENDING ITEM		
PED10-CM001	BLOWDOWN EXPANSION TANK	HOLD - BLOW DOWN SYSTEM
PED10-GP001	BLOWDOWN COOLING WATER PUMP	HOLD - BLOW DOWN SYSTEM
PED10-EP001	AIR COOLED CHILLER	HOLD - BLOW DOWN SYSTEM
LATER	BLOW DOWN DRAIN COOLER A	HOLD - BLOW DOWN SYSTEM
LATER	BLOW DOWN DRAIN COOLER B	HOLD - BLOW DOWN SYSTEM
XUA10-GP001	VIC SEWAGE SUMP PUMP (NP)	YARD



#NP AREA		
EQUIPMENT NO.	DESCRIPTION	REMARK
NUCLEAR EQUIPMENT		
KTAD10-GP003	SUMP PUMP(WASTE ROOM)	N1-15-03
KBA11-CM001	HELIUM CYLINDER (HELIUM SUPPLY SYSTEM)	HOLD-BY USNC
KBB11-CM001	HELIUM CYLINDER BANK (HELIUM MAKE-UP SYSTEM)	HOLD-BY USNC
FKAD10-HV001	DECONTAMINATION UNIT	N1-15-04
KNF01-EP002	DRYER	N1-15-03
KNF01-GP001	TRANSFER PUMP	N1-15-01
KNF01-CM002	COLLECTING TANK	N1-15-01
KNF01-CM003	BUFFER TANK	N1-15-03
KNF01-CM004	SAMPLING TANK	N1-15-01
KNF01-CM006	CHEMICAL TANK(CLEANING)	N1-15-01
KNF01-CM007	CHEMICAL TANK(ANTIFOAMING AGENT)	N1-15-01
KNF01-EP001	VACUUM EVAPORATOR	N1-15-01
KMA01-HV001	COMPACTION MACHINE	N1-15-03
KNF01-BR001	LIQUID-RMS	HOLD-BY USNC
ETC (HVAC)		
KLA31-HND01	AIR HANDLING UNIT	N1-15-20
KLA32-HND01	AIR CLEANING UNIT	N1-15-17
KLA32-HND02	AIR CLEANING UNIT(STAND-BY)	N1-15-21
KLA33-GQ001	SUPPLY AIR FAN	N1-15-18
KLA33-GQ002	SUPPLY AIR FAN	N1-15-18
KLA33-GQ003	SUPPLY AIR FAN	N1-15-16
KLB11-HND01	AIR HANDLING UNIT	N1-15-20
KLB11-HND02	AIR COOLED CONDENSING UNIT	YARD
KLB12-GQ001	SUPPLY AIR FAN	N1-15-18
KLB12-GQ002	SUPPLY AIR FAN	N1-15-18
KLB14-HND01	AIR CLEANING UNIT	YARD
KLB31-HND02	AIR COOLED CONDENSING UNIT	YARD
PUMP		
XUA10-GP002	SANITARY WASTE WATER SUMP PUMP (NP)	YARD

**NOTES**

1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS.

2. PLANT DATUM CO-COORDINATES E. 5,000,000 N. 1,000,000 ARE IN MILLIMETERS AND EQUATE TO UTM CO-COORDINATES E. LATER N. LATER





3. GL. +0.0M = EL. +153.40M, FL. +0.0M = GL. +0.5M = EL. 153.90M

4. SITE PREPARATION AND ROAD, PAVING, FENCE & GATE SHOULD BE PROVIDED ACCORDING TO THE SCOPE OF WORK

5. THIS CITADEL AREA LAYOUT AND DESIGN ARE REFERENCE PURPOSE ONLY. DETAIL DESIGN SHALL BE UPDATED AND CHECKED ACCORDING TO THE USNC INFORMATION.

FOR APPROVAL

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△					
△					
△	DEC. 23. '22	FOR APPROVAL	S.H.CHO	D.H.KANG	T.G.HA
△	OCT. 24. '22	FOR APPROVAL	S.H.CHO	D.H.KANG	T.G.HA

		DEC. 23. '22	FOR APPROVAL		S.H.CHO	D.H.KANG	T.G.HA
		OCT. 24. '22	FOR APPROVAL		S.H.CHO	D.H.KANG	T.G.HA
REV.	DATE	DESCRIPTION			DRWN	CHKD	APPD
CONTRACTOR:							
							
SUB-CONTRACTOR:							
							
PROJECT:							
MICRO MODULAR REACTOR CHALK RIVER PROJECT							
DRAWN BY		DATE	TITLE:  PLOT PLAN – OVERALL				
S.H.CHO		OCT. 24. '22					
CHECKED BY		DATE					
D.H.KANG		OCT. 24. '22					
APPROVED BY		DATE					
T.G.HA		OCT. 24. '22					
HD CLASSIFICATION NO.			SCALE	SIZE	DRAWING NUMBER	SHEET	REV.
—			1:250	A0	#MMRP. &CLD010-PI01		