

TOTAL = 21.601 ACRE APPROX.
DISTELLERY LAND

GREEN BELT AREA

GREEN BELT AREA

0.313=ACRE APPROX.
DISEL PUMP

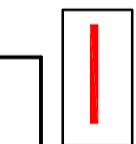
0.177= ACRE APPROX.

SH-90 TO LAKHIMPUR ROAD

BAGASSE YARD ROAD

SH-90

SH-90



RED LINE BOUNDARY AREA IS PROPOSED FOR DISTILLERY.

PROPOSED SITE PLAN FOR DISTILLERY
(160 KLPD OF RSW/ETHANOL)
AT GULARIA CHINI MILLS



GULARIA CHINI MILL
(UNIT OF BALRAMPUR CHINI MILLS LIMITED)

DRAWN: PRABHAT KUMAR	DRAWING NO.	SHEET	NORTH
CHKD: PRONIT AGARWAL	GCM/DIST./01	SIZE	
APPD: N.K. AGARWAL		A2	
SCALE: NTS			

NEW DISTILLERY OF CAPACITY 160 KLPD OF RSW/ETHANOL BASED ON "RSW EVAPORATION & INCINERATION" +8 MW POWER COGENERATION

SR.NO.	SECTION DESCRIPTION
A	MOLASSES HANDLING & STORAGE SECTION (STORAGE & TRANSFER)
B	MAIN PROCESS PLANT FERMENTATION, MULTIPRESSURE DISTILLATION, MSDH ETHANOL, RSW MULTIEFFECT EVAPORATION & CONDENSATE TREATMENT(CPU) ALONGWITH AUXILIARIES, MCC ELECTRICALS AND PLC. SCADA BASED INSTRUMENTATION.
C	INCINERATION BOILER 60 TPH : 45 KG/CM2(G): 400°C (SMS + BAGASSE FIRED) INCLUDING ERECTION, COMMISSIONING, PACKING, FORWARDING, ALONG WITH STEAM PIPING, MULTICYCLES, ESP, FUEL HANDLING SYSTEM, BAGASSE SHED & CONVEYERS ETC. SLOP QTY-25 TON/HR. AND BAGASSE QTY-8.5 TON/HR.
D	TURBINE (EXTRACTION CUM CONDENSING TYPE) (8 MW) SYNCHRONIZATION PANEL, EOT CRANE ALONGWITH ACCESSORIES SUCH AS ALTERNATOR, SFM ETC. WITH RELATED STEAM PIPING PROS, ITS AUXILIARIES CRIP AND INSTRUMENTATION.
E	DAILY SPIRIT RECEIVERS & ALCOHOL BULK STORAGE ALONG WITH MCC ELECTRICAL & INSTRUMENTATION.
F	BORE WELL, WATER TREATMENT PLANT COMPRISING SOFT WATER PLANT & DM WATER PLANT ALONGWITH RESPECTIVE PIPING FOR SOFT WATER, DM WATER & PROCESS WATER PLANT, VALVES & INSTRUMENTATION.
G	PLANT ELECTRIFICATION PLANT & YARD LIGHTING & ELECTRICALS FOR SECTION SUCHAS POWER CONTROL CENTRE, MCC CABLING, DG SET AND MISC. ELECTRICAL WORK.
H	LABORATORY EQUIPMENT ADDL. FIRE FIGHTING EQUIPMENT ETC.
J	WEIGH BRIDGE (60MT) WITH EQUIPMENTS REQUIRED IN RECORD ROOM.
K	INTERCONNECTING PIPING INTER CONNECTING PIPING FOR HP & LP STEAM UPTO PROCESS SECTION, STEAM CONDENSATE PIPING UPTO BOILER,DM,SOFT & PROCESS WATER PIPING UPTO SECTIONS.
L	MISC TREATMENT PLANT/STP. ALONG WITH ITS INSTRUMENTATION, ELECTRICAL AND REQUIRED AUXILIARIES(PROVISIONAL)
M	CIVIL WORKS COMPRISING OF ALL CIVIL FOUNDATION, DRAINAGE, SUMPS, UGR WATER STORAGE, GREEN BELT DEVT. ROADS, BUILDINGS OFFICES, BOILER & TURBINE, WTP, PCTU/CPU ETP, RCC CHIMNEY ETC.
N	MS STRUCTURAL WORK MS STRUCTURAL WORK FOR PROCESS PLANT FERMENTATION, MULTI-PRESSURE DISTILLATION, MSDH, EVAPORATION PLANT & SPIRIT STORAGES, BOILER, TURBINE, WTP, WMP/PCTP, ALONGWITH THEIR RESPECTIVE AUXILIARIES & ELECTRICALS.