SITE PLAN
SCALE 1:1200

(1) SILO COMPLEX PRECAST AREA +RAILWAY SIDING =29276.22 Sqmt.
(2) RAILWAY SIDING POST LOADING = 24465.02 Sqmt.
(3) APPROACH ROAD AREA =2647.86 Sqmt.
TOTAL AREA =56389.1 Sqmt. (13.937 ACRE)

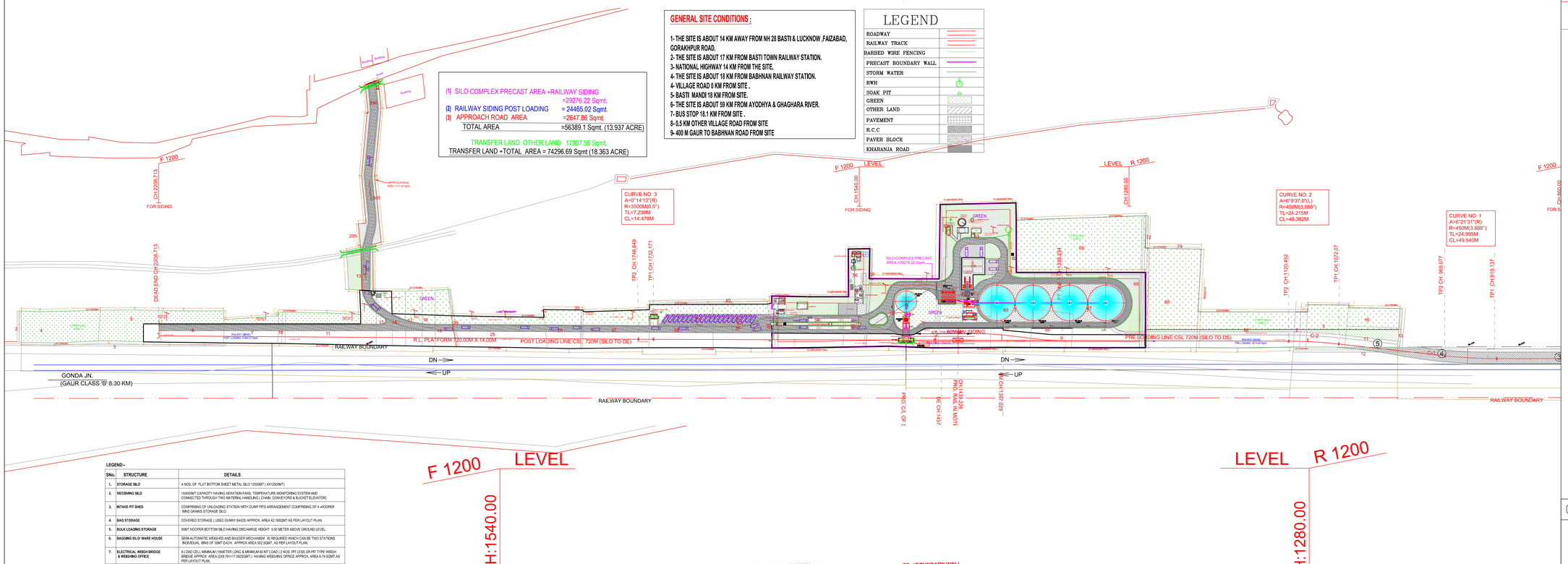
TRANSFER LAND OTHER LAND : 17907.59 Sqmt.
TRANSFER LAND +TOTAL AREA = 74296.69 Sqmt (18.363 ACRE)

GENERAL SITE CONDITIONS :

1- THE SITE IS ABOUT 14 KM AWAY FROM NH 28 BASTI & LUCKNOW ,FAIZABAD, GORAKHPUR ROAD.
2- THE SITE IS ABOUT 17 KM FROM BASTI TOWN RAILWAY STATION.
3- NATIONAL HIGHWAY 14 KM FROM THE SITE.
4- THE SITE IS ABOUT 18 KM FROM BABHNAN RAILWAY STATION.
4- VILLAGE ROAD 0 KM FROM SITE .
5- BASTI MANDI 18 KM FROM SITE.
6- THE SITE IS ABOUT 59 KM FROM AYODHYA & GHAGHARA RIVER.
7- BUS STOP 18.1 KM FROM SITE .
8- 0.5 KM OTHER VILLAGE ROAD FROM SITE
9- 400 M GAUR TO BABHNAN ROAD FROM SITE

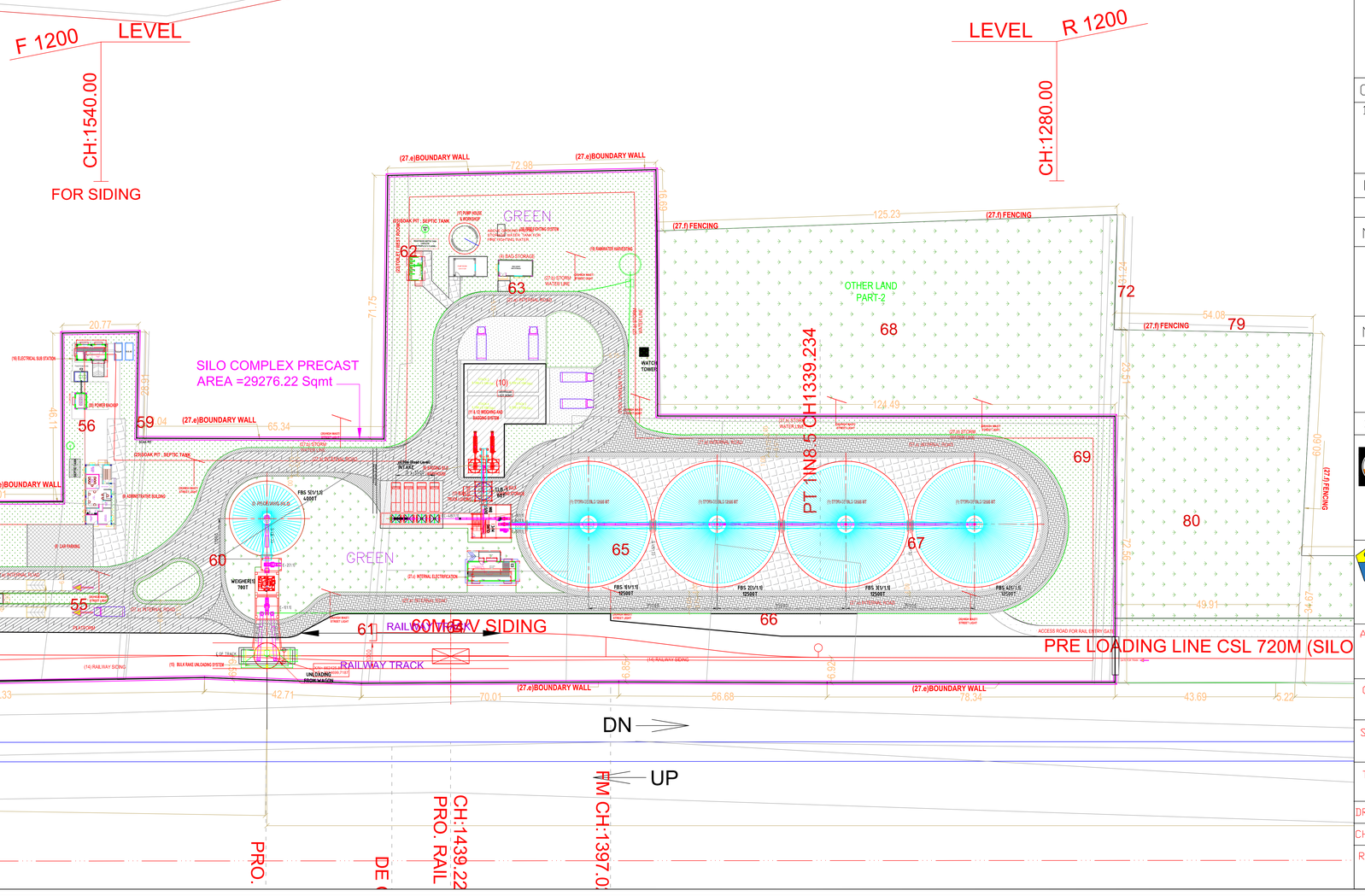
LEGEND

ROADWAY	
RAILWAY TRACK	
BARBED WIRE FENCING	
PRECAST BOUNDARY WALL	
STORM WATER	
RWH	
SOAK PIT	
GREEN	
OTHER LAND	
PAVEMENT	
R.C.C	
PAVER BLOCK	
KHARANJA ROAD	



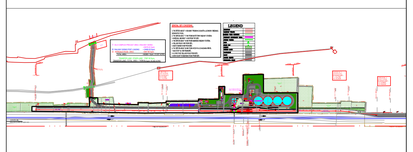
LEGEND:-

SNo.	STRUCTURE	DETAILS
1.	STORAGE SILO	4 NOS. OF FLAT BOTTOM SHEET METAL SILO 12500MT (4X12500MT)
2.	RECEIVING SILO	1X4000MT CAPACITY HAVING AERATION FANS, TEMPERATURE MONITORING SYSTEM AND CONNECTED THROUGH TWO MATERIAL HANDLING (CHAIN CONVEYORS & BUCKET ELEVATOR)
3.	INTAKE PIT SHED	COMPRISING OF UNLOADING STATION WITH DUMP PITS ARRANGEMENT ,COMPRISING OF 4 +HOOPER BINS GRAINS STORAGE SILO.
4.	BAG STORAGE	COVERED STORAGE (USED GUNNY BAGS) APPROX. AREA 42.195QMT AS PER LAYOUT PLAN.
5.	BULK LOADING STORAGE	60MT HOOPER BOTTOM SILO HAVING DISCHARGE HEIGHT 5.50 METER ABOVE GROUND LEVEL.
6.	BAGGING SILO/ WARE HOUSE	SEMI-AUTOMATIC WEIGHED AND BAGGER MECHANISM IS REQUIRED WHICH CAN BE TWO STATIONS INDIVIDUAL BINS OF 30MT EACH. APPROX AREA 502 SQMT. AS PER LAYOUT PLAN.
7.	ELECTRICAL WEIGH BRIDGE & WEIGHING OFFICE	8 LOAD CELL MINIMUM (16METER LONG & MINIMUM 60 MT LOAD) 2 NOS. PIT LESS OR PIT TYPE WEIGH BRIDGE APPROX. AREA (2X8.79+17.38)SQMT.) HAVING WEIGHING OFFICE APPROX. AREA 8.79 SQMT AS PER LAYOUT PLAN.
8.	TRUCK PARKING	20 (3 AXLE TRUCK), 4CARS & 24 TWO WHEELERS.
9.	ADMINISTRATIVE BUILDING	SUITABLE DESIGNED OFFICE BLOCK TO ACCOMMODATE THE REQUISITE STAFF FOR EASE OF WORKING APPROX AREA IS 117.64 SQMT AS PER LAYOUT PLAN.
10.	LABORATORY FOR QUALITY TESTING	EQUIPPED LABORATORY TO TEST AT LEAST 40 SAMPLES PER HR. AS PER FAQ. APPROX AREA IS 34 SQMT.
11.	PROCESS TOWER WITH CLEANER PROVISION OF CLEANING	150 TONNES PER HR. (CAPACITY) & DISCHARGE SHOULD BE 100 TONNES PER HR. ALONG WITH THE AND WEIGHING ONE OF THE FLOOR & DUST COLLECTION BINS ON THE GROUND. APPROX AREA IS 95.25 SQMT.
12.	FUMIGATION SYSTEM & STORAGE ROOM	CLOSE LOOP SYSTEM EITHER HAVING AN EXTERNAL FAN OF 5000 METER CUBE OR WITH BLO AERATION FAN OR PHOSPHINE GENERATOR FOR FUMIGATION.
13.	BULK TRUCK LOADING	A 60MT HOOPER BOTTOM SILO TO BE PROVIDED BESIDE THE PROCESS TOWER HAVING THE FLOW FROM THE ONLINE WEIGHER DISCHARGE FOR LOADING TRUCK IN BULK.
14.	RAILWAY SIDING	THE TERMINAL WITH THE RAILWAY TRACK SHOULD BE AS PER PRIVATE FREIGHT TERMINAL POLICY OF INDIAN RAILWAY (UNLOADING DUMP PIT AT THE ENTRANCE OF THE SIDING.)
15.	BULK RAKE UNLOADING SYSTEM	1X4000MT CAPACITY HAVING AERATION FLOOR, AERATION FANS, TEMPERATURE MONITORING SYSTEM AND PROVISION OF FUMIGATION CONNECTED THROUGH MATERIAL HANDLING (CHAIN CONVEYORS & BUCKET ELEVATOR) CAPACITY 150TPH. ONLINE WEIGHER OF MATCHING CAPACITY AND RAKE LOADING HANDLING SYSTEM AS PER CA. INSTALL JUST ABOVE THE RAILWAY SIDING.
16.	ELECTRICAL SUB-STATION	SUBSTATION HAVING PERIQUISITE CAPACITY (AS PER STATE ELECTRICAL INSPECTORATE SPECIFICATION) AND TRANSFORMER AS PER & TRANSFORMER REQUIREMENTS. APPROX AREA IS 77.5QMT.
17.	PUMP HOUSE & WORK SHOP	FOR WATER MANAGEMENT. APPROX AREA IS 35.27 SQMT.
18.	FIRE FIGHTING SYSTEM	A SUITABLE DESIGNED FIRE FIGHTING SYSTEM IS REQUIRED AS PER NORMS OF LOCAL FIRE FIGHTING DEPARTMENT WHICH HAVE HYDRANTS, PORTABLE FIRE EXTINGUISHER LIKE CO2 DPC ETC.
19.	RAIN WATER HARVESTING	A SUITABLE DESIGNED RAIN WATER HARVESTING SYSTEM AS PER STATE GOVT. SPECIFICATION IS REQUIRED WHICH HARVEST STORM WATER DRAINAGE AS WELL. SHOWN IN DRAWING.
20.	POWER BACKUP (DG SET)	POWER BACK UP AS PER REQUIREMENT IN ALIGNMENT WITH CA. APPROX AREA IS 15 SQMT.
21.	SECURITY & DATA ENTRY ROOM	AS PER LAYOUT PLAN. APPROX AREA IS 6 SQMT.
22.	CANTEEN AREA	AS PER LAYOUT PLAN. APPROX AREA IS 46.65 SQMT.
23.	TOILET/ REST ROOM	AS PER LAYOUT PLAN. APPROX AREA IS 4.35 SQMT
24.	BORE WELL	1 NO. AS PER LAYOUT PLAN.
25.	SOAK PIT, SEPTIC TANK	3 NO. AS PER LAYOUT PLAN.
26.	HIGH MAST/ STREET LIGHT	AS PER OPERATION REQUIREMENT.
27.	INFRASTRUCTURE	a). INTERNAL ROADS b). STORM WATER LINE c).INTERNAL ELECTRIFICATION d). SECURITY & ALARM e). BOUNDARY WALL (1511 RMT APPROX.) f). FENCING (2340 RMT APPROX.)
28.	APPROACH ROAD	CONNECTED TO SH/NH (7M WIDE AS PER CA). NCML APPROACH ROAD IS 14 KM FROM NH-28 CONNECTED THROUGH PMGSY



SITE PLAN
SCALE 1:750

KEY PLAN-



CONTENTS OF SHEETS

1 PLOT AREA

NOTES : -

- ALL DIMENSIONS ARE IN METERS.

NAME & SIGNATURE OF OWNER

NAME & SIGNATURE OF ARCHITECT

DATE	REV.	CHKD	DESCRIPTION

STRUCTWEL DESIGNERS & CONSULTANTS PVT. LTD
STRUCTWEL , PLOT NO-15, SECTOR-24,
NAVI MUMBAI - 400 705
OFF SION PANVEL HIGHWAY,TURBHE,
PHONE : 2784 1010 (7 LINES) FAX : 91-22-2784 1007

NCML BASTI
NCML IFFCO TOWER, TOWER-1, WING-B 5TH FLOOR SECTOR-29
GURGAON - 122001
PHONE : 124 4338200

AGENCY - FOOD CORPORATION OF INDIA

CLIENT- NCML BASTI PRIVATE LIMITED

SUBJECT- MASTER PLAN

TITLE- TINICH SITE PLAN

DRN	Ar.GOMTI	SCALE	JOB.NO.
CHKD		AS SPECIFIED	
REFERENCE		DATE 03/09/2021	DRG. NO. FCI-GA-BA-001 / REV. R3