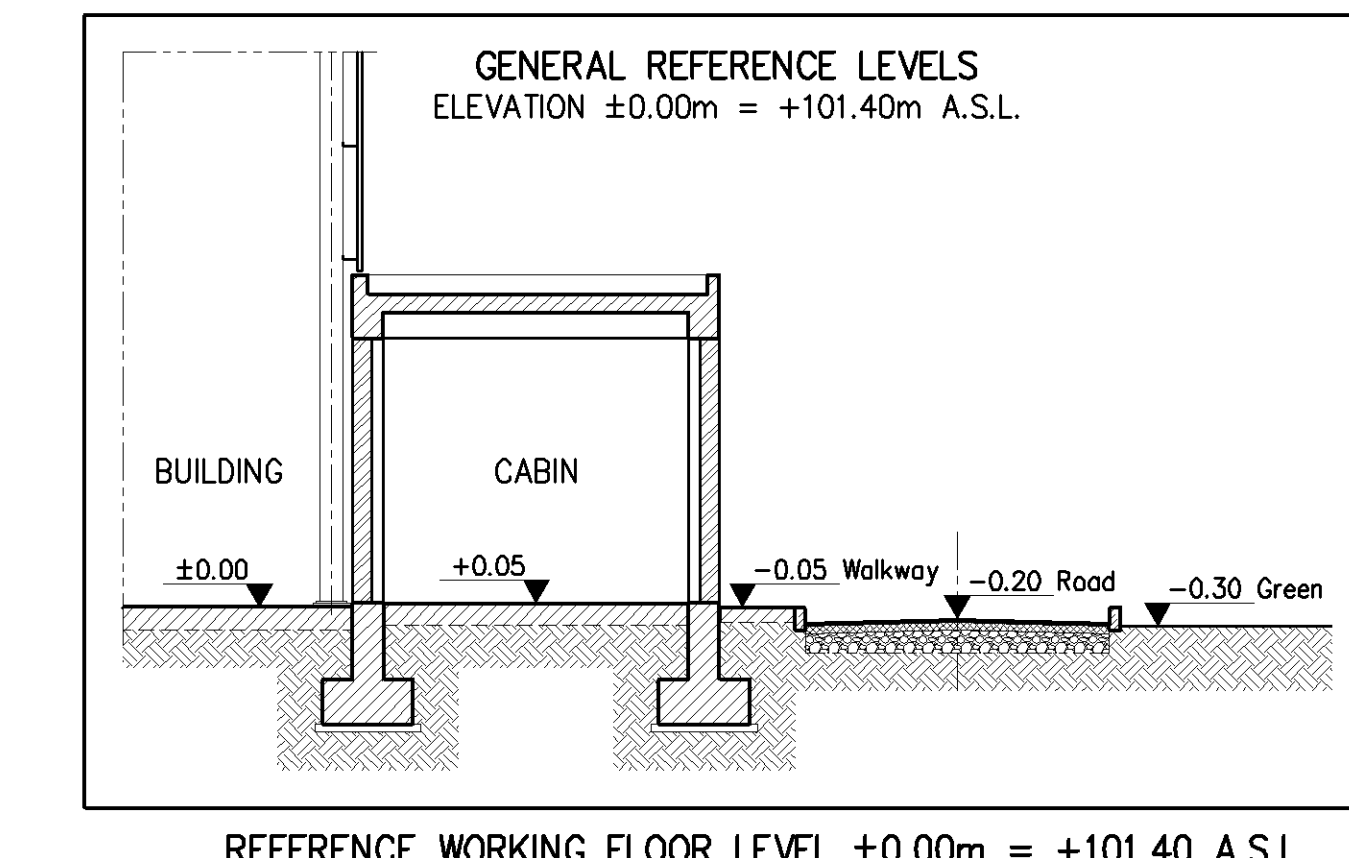


WIDE PLATE MILL MAIN EQUIPMENT		
ITEM	DESCRIPTION	Q.ty
01	ROLLER TABLE IN CHARGING AREA	1
02	WALKING HEART FURNACE	1
03	FURNACE DISCHARGE ROLLER TABLE	1
04	DESCALER ROLLER TABLE	1
05	DESCALER BODY	1
06	MILL APPROACH TABLE	1
07	FRONT MILL TURN TABLE	1
08	MILL ENTRY SIDE GUARDS	1
09	4-HI PLATE MILL	1
10	MILL DRIVE UNIT	1
11	WR/BUR CHANGING DEVICE + ROLLS	1
12	HYDRAULIC CYLINDER + COVER	1
13	MILL EXIT TABLE #1	1
14	MILL EXIT TABLE	1
15	MILL EXIT SIDE GUARDS	1
16	HOT DIVIDING SHEAR ENTRY TABLE	1
17	CENTERING ROLLS	3
18	HOT STATIC SHEAR	1
19	SCRAP COLLECTING SYSTEM	1
20	HOT DIVIDING SHEAR EXIT TABLE	1
21	HOT PLATE LEVELLER ENTRY TABLE	1
22	HOT PLATE LEVELLER ENTRY GUIDES	1
23	HOT/GOLD LEVELLER	1
24	HOT/GOLD LEVELLER CASSETTE	1
25	HOT/GOLD DRIVE UNIT	1
26	CASSETTE CHANGING DEVICE + CASSETTE CALIBRATION PLATE	1
27	TURNING DEVICE + LIFTING DEVICE + TOP CASSETTE	1
28	LIFTING DEVICE + TOP CASSETTE	1
29	HOT LEVELLER EXIT TABLE	1
30	COOLING BED ENTRY TABLE	1
31	COOLING BED ENTRY TRANSFER DEVICE	1
32	COOLING BED EXIT TABLE	1
33	COOLING BED EXIT TRANSFER DEVICE	1
34	QUENCHING MACHINE	1
35	RHF ENTRY ROLLER TABLE	1
36	RHF ENTRY GUIDES	3
37	ROLLER HEART FURNACE	1
38	INSPECTION DEVICE	1

- REFERENCE DRAWINGS :**
- WPOFBN-MA01-G0100-AD001 PLATE MILL SUPER ALLOYS GENERAL LAYOUT - OVERALL VIEW.
  - WPOFBN-MA01-G0100-AD003 PLATE MILL SUPER ALLOYS GENERAL LAYOUT - OIL CELLAR AND BASEMENTS PLAN VIEW.
  - WPOFBN-MA01-G0100-AD004 PLATE MILL SUPER ALLOYS GENERAL LAYOUT - SECTIONS A-A AND B-B.
  - WPOFBN-MA01-G0100-AD005 PLATE MILL SUPER ALLOYS GENERAL LAYOUT - SECTIONS D-D AND E-E.
  - WPOFBN-MA01-G0100-AD006 PLATE MILL SUPER ALLOYS GENERAL LAYOUT - SECTIONS F-F AND G-G.
  - WPOFBN-MA01-G0100-AD007 PLATE MILL SUPER ALLOYS GENERAL LAYOUT - SECTIONS H-H, L-L AND C-C.

**NOTE :**

- ALL DATA AND DIMENSIONS ARE IN METRIC UNITS. DIMENSIONS ARE IN MILLIMETRE AND LEVELS ARE IN METRE UNLESS OTHERWISE INDICATED.
- ELECTRICAL AND PIPING TRENCHES SHOWN IN THE LAYOUT ARE TENTATIVE AND DURING CIVIL BASIC DESIGN DEVELOPMENT THEY WILL BE FINALIZED.



**LEGEND**

- BATTERY LIMIT
- CLIENT
- DANIELI

PLATE MILL AUXILIARIES HYDRAULIC SYSTEMS				
3C.1 - Hydraulic Systems				
Item (System name)	Description	Location level (m)	Q.ty (Group)	Note
PH1	Hydraulic Unit for Plate Mill Area Auxiliaries - L.P.	±0.00	1	Located at mill floor level
PH2	Hydraulic Unit for Plate Mill Area Servo System Controls - H.P.	-8.00	1	Located inside cellar
PH3	Hydraulic Unit for 160mm Shear servo controls and auxiliaries system - L.P.	±0.00	1	Located at mill floor level
PH4	Hydraulic Unit for leveler servo controls and auxiliaries system - H.P.	±0.00	1	Located at mill floor level
PH5	Hydraulic Unit for Walking Heart Furnace servo controls	±0.00	1	Located at mill floor level
3C.2 - Lubrication Systems				
PL1	Oil Lubrication System for Plate Mill Area	±0.00	1	Located at mill floor level
3C.3 - Oil Film Bearing Systems				
PM1	Oil Film Bearing System for Mill Stand	-8.00	1	Located inside cellar
3C.4 - Air Oil Systems				
PA1	Air/Oil Lubrication System for Hot Leveler	±0.00	1	Located at mill floor level
3C.5 - Grease Lubrication System				
PG1	Grease Lubrication for Plate Mill Area	±0.00	1	Located at mill floor level
PG2	Grease Lubrication for Static Shear, Hot Leveler, and Cooling Bed Entry Area	±0.00	1	Located at mill floor level
PG3	Grease Lubrication for Cooling Bed Exit Area, Furnace and Quenching Area	±0.00	1	Located at mill floor level
3C.6 - Descaling System				
PD1	Descaling System	±0.00	1	Located at mill floor level

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Client: **DANIELI** PLANT ENGINEERING

Address: MISHRA DHATU NIGAM LTD, P.O. Kandhanbagh, Hyderabad - 500 056, Telangana, INDIA

Job no: WPOFBN01

Scale: 1:250

GENERAL LAYOUT - PLAN AT LEVEL ±0.00m

WPOFBN-MA01-G0100-AD002