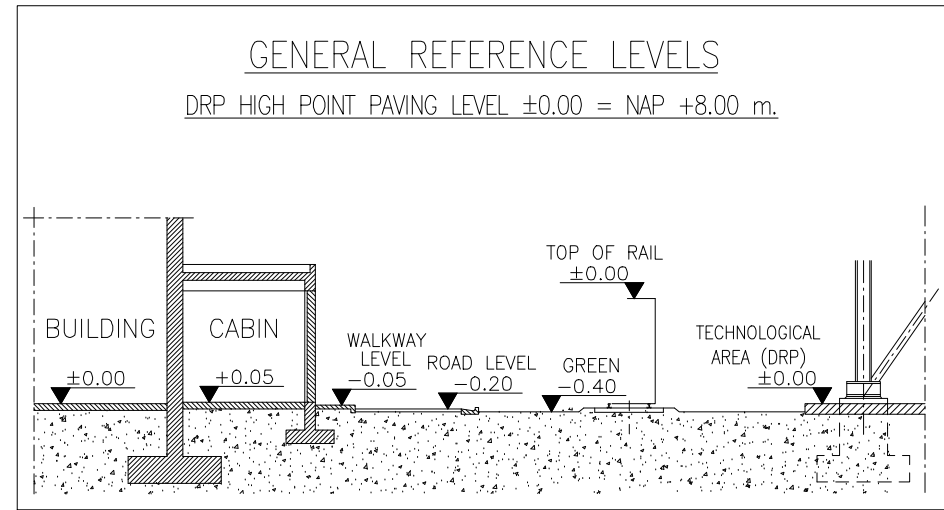
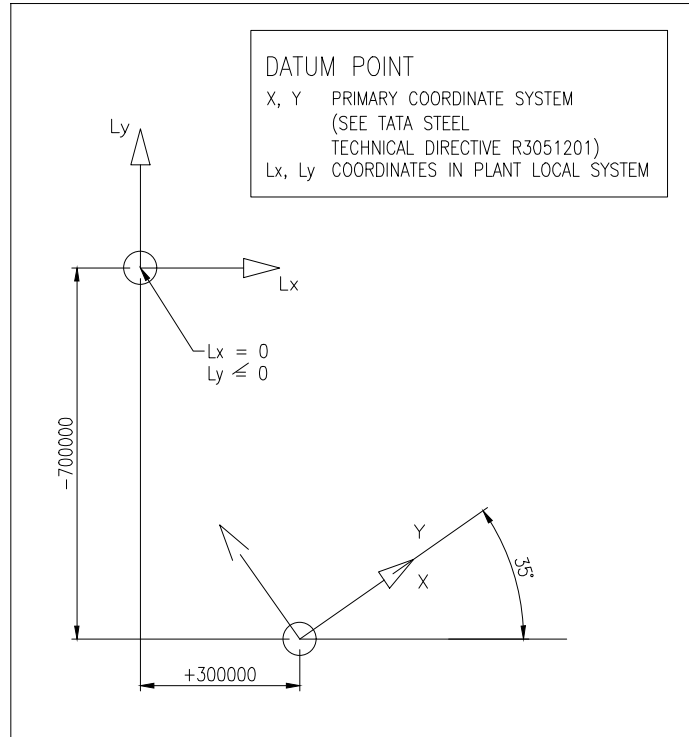


COMPUTER AIDED DESIGN -A-



- GENERAL NOTES:
- ALL DATA AND DIMENSIONS ARE IN METRIC UNITS.
 - ALL DIMENSIONS ARE IN MILLIMETERS, AND ALL COORDINATES AND ELEVATIONS ARE IN METERS
 - THE WIDTH OF THE ROADS IS INCLUSIVE OF THE BERMS. THE ROADWAY IS DEFINED WITH A CONTINUOUS LINE. FINAL DEFINITION OF THE ROAD SECTION BY CUSTOMER



PLANT BATTERY LIMITS		IN	OUT
BL 1	BATTERY LIMIT FOR IRON OXIDE PELLET	+	
BL 2	BATTERY LIMIT FOR CEMENT FOR COATING	+	
BL 3	BATTERY LIMIT FOR IRON OXIDE FINES		+
BL 4	BATTERY LIMIT FOR IRON OXIDE SLUDGE		+
BL 5	BATTERY LIMIT FOR CDRI / REMET		+
BL 6	BATTERY LIMIT FOR BOF SLUDGE BRIQUETTES	+	

PLANT TAKE OVER POINTS		IN	OUT
TOP EAST	NATURAL GAS	15 barG	
	A-WATER	03 barG	
	BRACKISH WATER	03 barG	
	DRINKING WATER	03 barG	
TOP CENTRAL	BR. WATER RETURN	03 barG	
	SEWER	00 barG	
	SWW	03 barG	
	CO2 (from DRP)	20 barG	
TOP NORTH	OXYGEN	14 barG	
	OXYGEN (to EAF)	14 barG	
	HYDROGEN	14 barG	
	COMPRESSED AIR	06 barG	
TOP NORTH	STEAM	15 barG	
	NITROGEN	18 barG	
	STEAM PNEUM. POST SYSTEM	07 barG	

DIRECT REDUCTION PLANT DESCRIPTION - PHASE 1

ITEM	DESCRIPTION
101	OXIDE STORAGE DAILY BINS
102	OXIDE SCREENING STATION
103	COATING STATION
104	REACTOR TOWER
105	HY-TEMP TOWER
106	PT-BRIDGE
107	COMPRESSORS AND GAS TREATMENT AREA
108	CO2 ABSORPTION SYSTEM
109	MAIN ELECTRICAL DISTRIBUTION CABIN AND LABORATORY
110	CDRI STORAGE BINS
111	D.R.P. FLARE
112	WATER TREATMENT PLANT
113	MELT SHOP PLANT

DRP HIGH POINT PAVING LEVEL $\pm 0.00 = \text{NAP} +8.00 \text{ m}$.

00	13 Jun 2024	ISSUED FOR COMMENTS	Burton F.	Cudrei T.	Zampio M.
Rev.	Date	Revisions description	Drawn by	Checked by	Approved by

DANIELI
CENTRO METALLURGICI

Danieli & C. Officine Meccaniche S.p.A.
Via Nazionale, 41
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Project Name: **TATA STEEL IJMUIDEN - HERACLESS PROJECT**

ENERGIRON
DRI TECHNOLOGY BY TENOVA AND DANIELI

ENERGIRON ZR PROJECT
2.5 MTPY OF HDRI & CDRI

Job No. Observed from: **HERACLES**

Classification: **2.5 MTPY OF HDRI & CDRI**

Title: **DIRECT REDUCTION PLANT - GENERAL PLOT PLAN -**

Danieli Part Number: **DPC9A3-FA00-G0100-RD001**

CUSTOMER Part Number: **DPC9A3-FA00-G0100-RD001_001_00**

Revision: **00**

Scale: **1:750**

Format: **A0**

No. of sheets: **1**

Sheet: **1**

Following: **1**