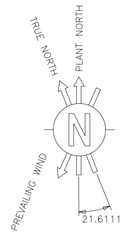
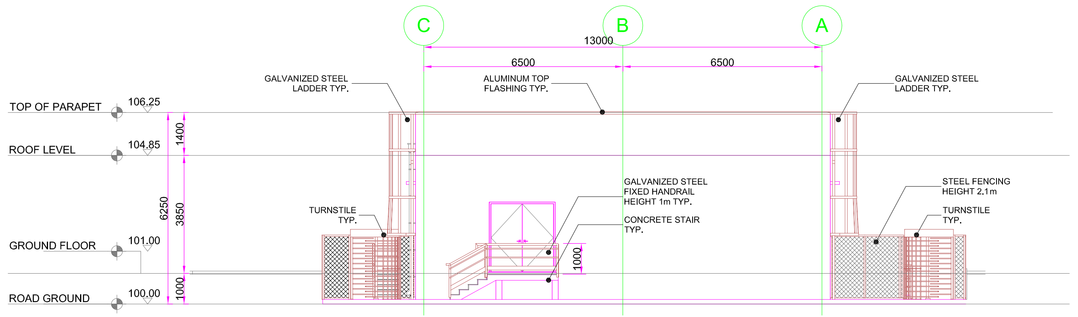
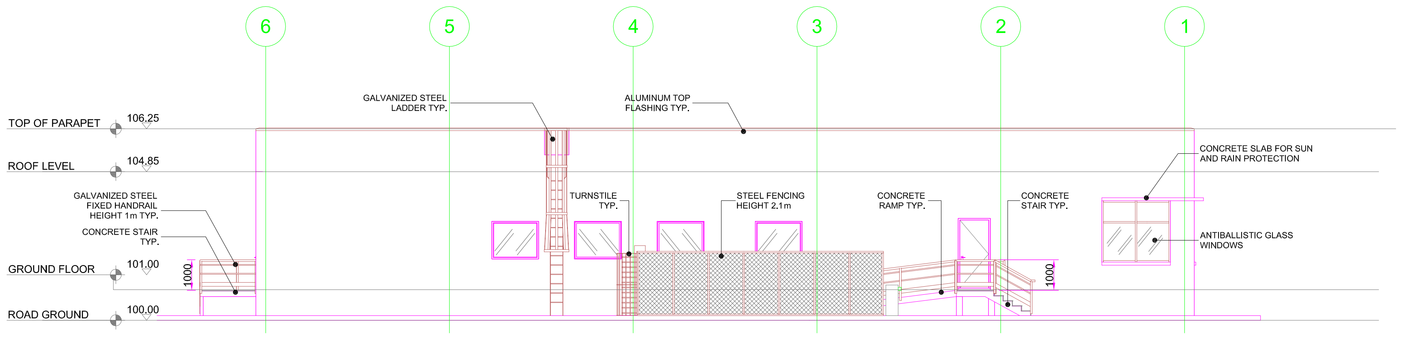




1 NORTH
1 : 100



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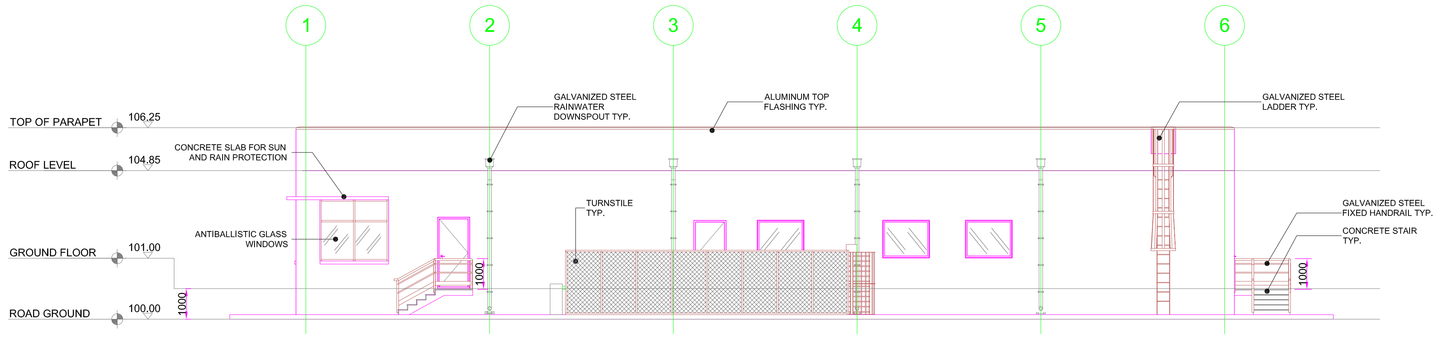
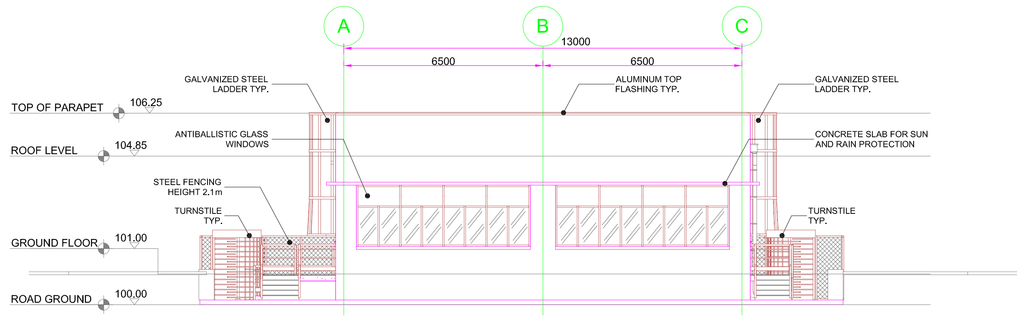
1 : 100



3 EAST
1 : 100

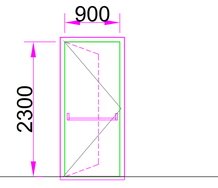


4 SOUTH
1 : 100

B NOTE FOR REV. B
REVISED DOOR HEIGHT

DOOR & WINDOW SCHEDULE 1:50

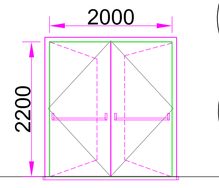
DOOR TYPE SD 01



GALVANIZED PAINTED INSULATED STEEL DOOR WITH SINGLE PANIC BAR & HYDRAULIC CLOSER

LEFT	RIGHT	TOTAL
2	1	3

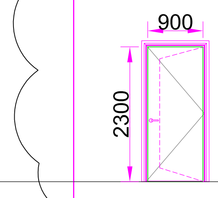
DOOR TYPE SD 05



GALVANIZED PAINTED INSULATED STEEL DOOR WITH SINGLE PANIC BAR & HYDRAULIC CLOSER

LEFT	RIGHT	TOTAL
-	-	1

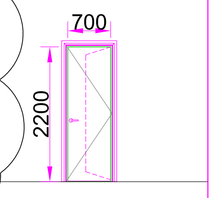
DOOR TYPE AD 01



GALVANIZED PAINTED INSULATED ALUMINUM DOOR WITH SINGLE PANIC BAR & HYDRAULIC CLOSER

LEFT	RIGHT	TOTAL
7	3	10

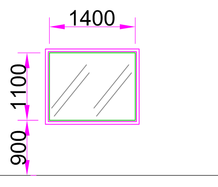
DOOR TYPE AD 02



GALVANIZED PAINTED INSULATED ALUMINUM DOOR WITH SINGLE PANIC BAR & HYDRAULIC CLOSER

LEFT	RIGHT	TOTAL
2	1	3

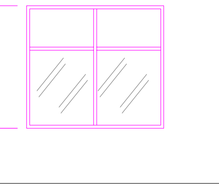
DOOR TYPE SW 01



GALVANIZED STEEL WINDOW WITH ANTIBALLISTIC GLASS

LEFT	RIGHT	TOTAL
-	-	7

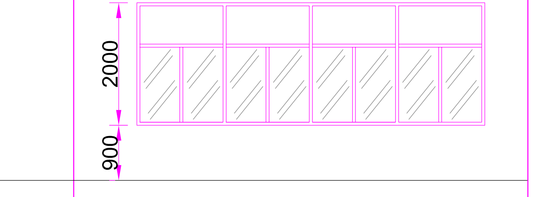
DOOR TYPE SD 03



GALVANIZED STEEL WINDOW WITH ANTIBALLISTIC GLASS

LEFT	RIGHT	TOTAL
-	-	2

DOOR TYPE SD 02



GALVANIZED STEEL WINDOW WITH ANTIBALLISTIC GLASS

LEFT	RIGHT	TOTAL
-	-	2

ROOM FINISHING SCHEDULE

	ITEM	ROOMS	FALSE FLOOR 600x600mm or 800x800mm (CONCRETE FLOOR TREATED WITH ANTIDUST PAINT)	GRANITE GRES TILES 300x300mm	CERAMIC TILES 150x1500mm	PLASTER & PAINTED	INSULATED WITH ROCK WOOL PANEL (& GYPSUM BOARD)	150X150X20mm CERAMIC TILES UP TO 2,00m	PVC	GRANITE GRES	MINERAL FIBRES ACOUTIC TILES	MOISTURE RESISTANT TILED SYSTEM
			FLOOR FINISHING			WALL FINISHING (INTERNAL)			SKIRTING		CEILING FINISHING	
GROUND FLOOR	01	GUARD ROOM		•		•	•			•	•	
	02	WAITING AREA		•		•	•			•	•	
	03	CORRIDOR		•		•	•			•	•	
	04	DISABLE TOILET			•	•		•				•
	05	MALE TOILET & LOCKER			•	•		•				•
	06	FEMALE TOILET & LOCKER			•	•	•	•				•
	07	MULTIPURPOSE ROOM		•		•	•			•	•	
	08	CANTEEN		•		•	•			•		•
	09	TECHNICAL ROOM	•			•	•		•		•	

Rc

WALL CONSTRUCTIONS

LAYERS	Thickness mm	Density kg/m³	Specific Ht. kJ / (kg K)	R-value (m²K)/W	Weight kg/m²
Inside surface resistance	0.000	0.000	0.00	0.12064	0.0
Gypsum board	16.000	750.0	0,84	0,33000	15.0
CMU wall	200.000	650.0	0,84	0,59200	130.0
Min. polystyrene insulation	50.000	80.0	0,84	1,25000	4.0
Plaster	20.000	1400.0	0,84	0,03000	28.0
Outside surface resistance	0.000	0.000	0,00	0,05864	0.0
Totals	**286.000**	--		**2.08428**	**177.0**
WALL DETAILS					
Outside surface colour	Medium				
Absorptivity	0,675				
Overall U-value	**0.480 W/(m²K)**				

ROOF CONSTRUCTIONS

LAYERS	Thickness mm	Density kg/m³	Specific Ht. kJ / (kg K)	R-value (m²K)/W	Weight kg/m²
Inside surface resistance	0.000	0.000	0.00	0.12064	0.0
Reinforced concrete	200.000	1800.0	0,84	0,20000	360.0
Polystyrene insulation	150.000	30.0	1,25	3,75000	4.5
Water proofing membrane	5.000	1000.0	0,92	0,03000	5.0
Light concrete	50.000	800.0	0,88	0,17000	40.0
Concrete panel	50.000	1200.0	0,88	0,10000	60.0
Outside surface resistance	0.000	0.000	0,00	0,05864	0.0
Totals	**455.000**	--		**4,42928**	**469,5**
ROOF DETAILS					
Outside surface colour	Medium				
Absorptivity	0,675				
Overall U-value	**0.226 W/(m²K)**				

RUIMTELIJST

	ITEM	ROOMS	AREA (m²)	AANTAL PERSONEN	TYPE RUIMTE	GEBRUIKSFUNCTIE
GROUND FLOOR	01	GUARD ROOM	70.80	2 - 3	VERBLIJFSRUIMTE	KANTOORFUNCTIE
	02	WAITING AREA	19.75	4 - 5	FUNCTIERUIMTE	OVERIGE GEBRUIKSFUNCTIE
	03	CORRIDOR	26.54	Nvt	VERKEERSRUIMTE	OVERIGE GEBRUIKSFUNCTIE
	04	DISABLE TOILET	4.54	Nvt	TOILETRUIMTE	KANTOORFUNCTIE
	05	MALE TOILET & LOCKER	16.26	Nvt	TOILETRUIMTE	KANTOORFUNCTIE
	06	FEMALE TOILET & LOCKER	5.32	Nvt	TOILETRUIMTE	KANTOORFUNCTIE
	07	MULTIPURPOSE ROOM	60.24	6 - 8	VERBLIJFSRUIMTE	KANTOORFUNCTIE
	08	CANTEEN	62.58	8 - 10	VERBLIJFSRUIMTE	KANTOORFUNCTIE
	09	TECHNICAL ROOM	70.80	Nvt	TECHNISCHE RUIMTE	OVERIGE GEBRUIKSFUNCTIE

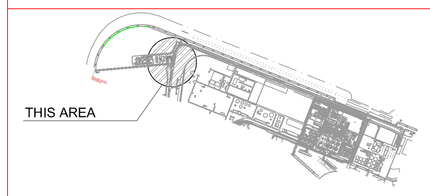
GENERAL NOTES

1. ALL DIMENSIONS ARE EXPRESSED IN MILLIMETERS & ELEVATIONS IN METERS
2. THE ROOF, THE WALLS AND ELEVATED FLOOR OF THE BUILDING SHALL PROVIDE TWO HOURS FIRE RESISTANCE
3. THE STAIRCASES SHALL BE PROVIDED OF EMERGENCY LIGHTING.
4. ALL DIMENSIONS ARE REFERRED TO ROUGH SURFACES
5. ELECTRICAL/INSTRUMENT EQUIPMENT & CHANNEL LAYOUT ARRANGEMENT ARE INDICATIVE. REFER TO ELECTRICAL/INSTRUMENT DRAWINGS
6. THIS DRAWING IS VALID ONLY FOR SUBCONTRACTOR SYSTEM AND FINISHING DETAILED DESIGN. MATERIAL SELECTION AND FOR BUILDING PERMIT
7. FOR APPLICABLE FIRE AND SMOKE CLASSES PLEASE REFER TO THE INTEGRAAL PLAN BRANDBEVEILIGHEID

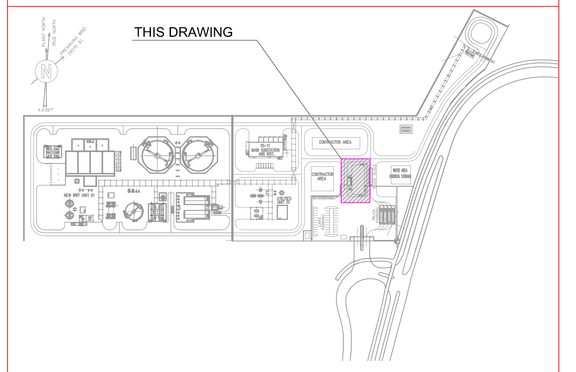
LEGEND

- REINFORCED CONCRETE COLUMNS
- EXTERNAL: CMU THK.250mm PLASTERED & PAINTED BOTHSIDES + VAPOR BARRIER + INSULATION PANELS + GYPSUM BOARDING
- EXTERNAL: CONCRETE WALL THK.250mm
- INTERNAL: CMU THK.240mm PLASTERED & PAINTED BOTHSIDES
- GALVANIZED PAINTED STEEL DOOR
- DOOR FIRERATED
- FFL YYY JJJ KKK XXX — FINISH FLOOR LEVEL
- XXX A/C AIR CONDITIONING
- NV NATURAL VENTILATION
- MV MECHANICAL VENTILATION
- YYY ROOM NUMBER
- JJJ SMOKE DETECTION
- KKK TF TOTAL FLOODING FIRE EXSTINGUISHER SYSTEM
- SS SPRAY SYSTEM
- FIRE RESISTANCE IN HOURS OF FIRE RATED WALL CONSTRUCTION
- ACCESS OPENING
- XXXX — SURFACE COMPARTMENTATION

GENERAL PLOT PLAN



PLOT PLAN



Drawing No	DESCRIPTION
REFERENCE DRAWINGS	
CONFIDENTIAL	

REV	DATE	DESCRIPTION	PREP	CKD	APPR/AUTH
B	20/01/2021	ISSUE FOR FEED	C.C.	A.F.	A.F. - O.L.
A	13/11/2020	ISSUE FOR REVIEW	S.F.	C.C.	A.F. - O.L.

NESTE — TechnipFMC

ROTTERDAM SITE DEVELOPMENT DEFINITION PHASE NESTE

GUARD HOUSE TYPICAL BUILDING ARCHITECTURAL DESIGN ELEVATIONS AND SCHEDULES

SCALE	Technip Drawing No						Page	Rev.
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	Project	Unit	Doc.Type	Disc	Subj	Ser.No		
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