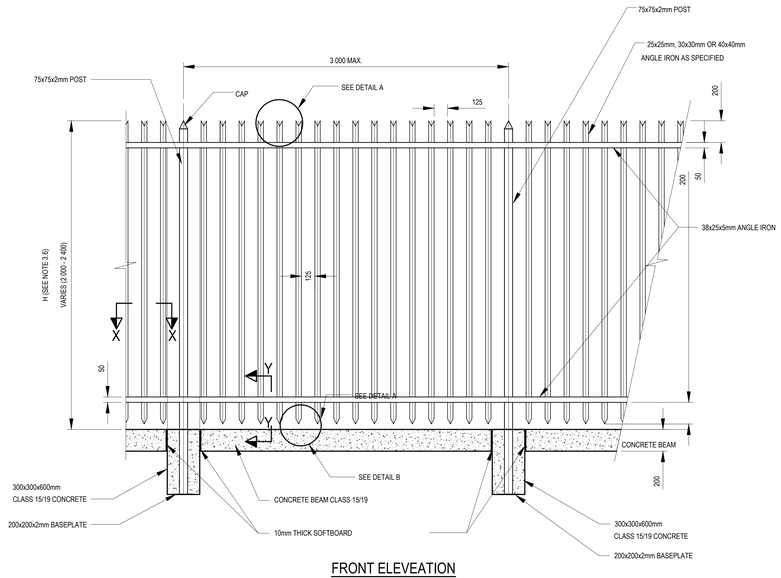


FRONT ELEVEATION

NOTES

1. GENERAL

1.1 ALL MATERIAL AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SANS SPECIFICATIONS.

1.2 ALL DIMENSIONS ARE IN MILLIMETERS. (UNLESS OTHERWISE SPECIFIED)

1.3 DO NOT SCALE FROM THESE DRAWINGS.

1.4 ALL DIMENSIONS MUST BE CHECKED AND APPROVED ON SITE.

1.5 ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS, THIRD EDITION, 2005 AND THE STANDARD CTMM DETAIL DRAWINGS

1.6 THESE DRAWINGS MUST BE READ IN CONJUNCTION WITH THE ARCHITECTS DRAWINGS.(IF APPLICABLE)

2. CONCRETE

2.1 REINFORCED CONCRETE WORK SHALL BE IN STRICT ACCORDANCE WITH SECTIONS 702, 703 AND 704 OF THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS, 3rd EDITION, 2005.

2.2 ALL EXCAVATIONS FOR BASES AND FOOTINGS MUST BE INSPECTED AND APPROVED IN WRITING BY THE ENGINEER BEFORE CONCRETE IS PLACED.

2.3 REINFORCEMENT AND FORMWORK MUST BE INSPECTED AND APPROVED IN WRITING BY THE ENGINEER BEFORE CONCRETE IS PLACED.

3. STEELWORK

3.1 STRUCTURAL STEELWORK SHALL BE IN STRICT ACCORDANCE WITH SECTION 809 OF THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS, 3rd EDITION, 2005

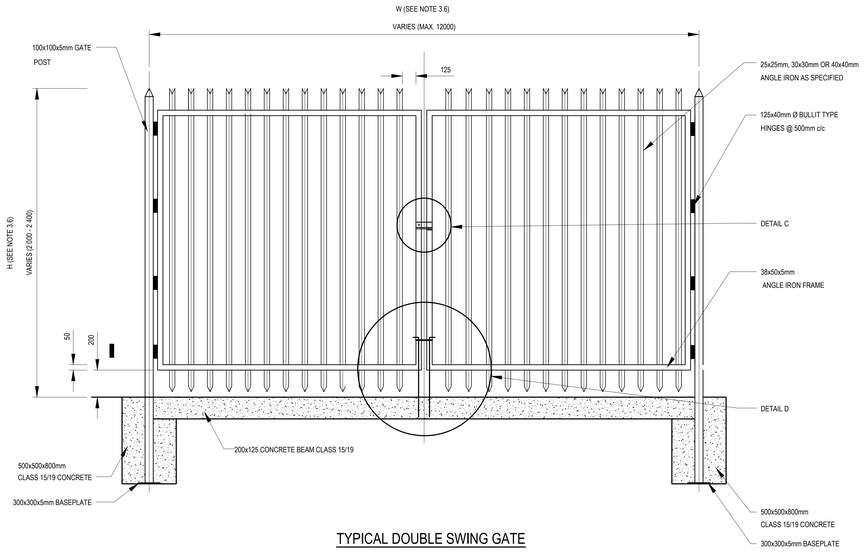
3.2 STRUCTURAL STEEL SHALL BE GRADE 300W UNLESS OTHERWISE INDICATED OR SPECIFIED.

3.3 COLD FORMED SECTIONS SHALL BE MADE FROM COMMERCIAL QUALITY STEEL UNLESS OTHERWISE SPECIFIED.

3.4 HOLDING DOWN BOLTS SHALL BE OF THE GRADE SPECIFIED ON THE DRAWINGS.

3.5 PAINTING OF STRUCTURAL STEELWORK SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF SECTION 806 OF THE STANDARD SPECIFICATIONS. NOTE: THE RATES TENDERED FOR STRUCTURAL STEELWORK SHALL BE DEEMED TO INCLUDE FOR PAINTING AS SPECIFIED IN SECTION 806 OF THE STANDARD SPECIFICATIONS, FOR MUNICIPAL CIVIL ENGINEERING WORKS, 3rd EDITION, 2005.

3.6 "W" AND "H" INDICATE THE WIDTH OF THE GATE AND HEIGHT OF THE PALISADE FENCE RESPECTIVELY. VALUES FOR "W" AND "H" WILL BE SHOWN ON THE DETAIL DRAWINGS, IN THE SCHEDULE OF QUANTITIES OR INDICATED BY THE ENGINEER.



TYPICAL DOUBLE SWING GATE

NOTES

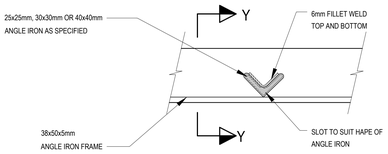
1. DO NOT SCALE DRAWING - ONLY DIMENSIONS SHOWN TO BE USED.
2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS AND LEVELS ON THE SITE AND NOTIFY THE NEC SUPERVISOR OF ANY VARIATIONS BEFORE CONSTRUCTION.
3. ALL LEVELS ARE IN METERS TO MEAN SEA LEVEL.
4. DRAWINGS MUST BE READ IN CONJUNCTION WITH PROJECT SPECIFICATIONS AND GENERAL NOTES DRAWINGS.
5. IF APPLICABLE, DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS AND ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.

LOCALITY

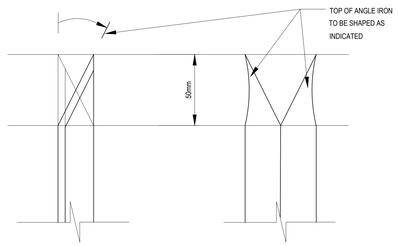


LEGEND

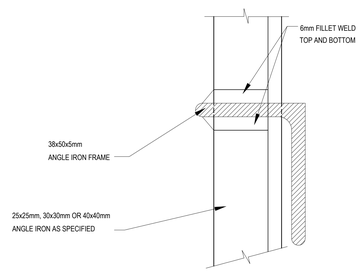
SYMBOL	DESCRIPTION



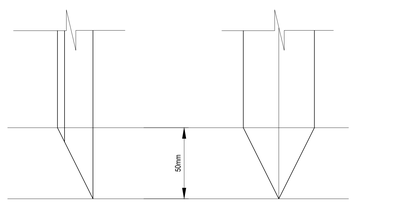
SECTION X-X



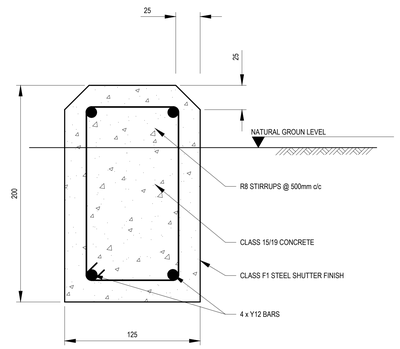
DETAIL A



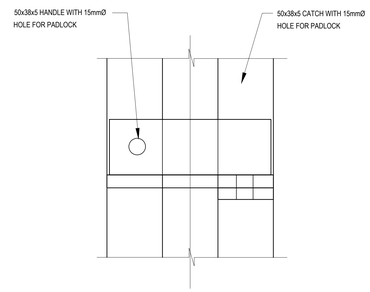
SECTION Y-Y



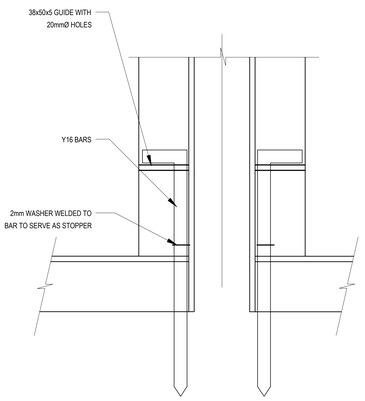
DETAIL B



TYPICAL SECTION THROUGH CONCRETE BEAM



DETAIL C
(FRONT ELEVATION)



DETAIL D
(BACK ELEVATION)

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
E2	FOR TENDER	RR	HVDM	HVDM	18 07 25
E1	FOR TENDER	RR	HVDM	HVDM	26 06 25

REVISIONS

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ZUTARI
IMPACT. ENGINEERED.

CONTRACTOR / CONSULTANT

TITLE	NAME	SIGN	DATE
DRAWN			18 07 25
CHECKED			18 07 25
DESIGNED			18 07 25
CHECKED			18 07 25

PR.ENG. / PR.TECH./PR. ARCH

NAME	H. VAN DER MERWE	DATE
SIGNATURE		18 07 25
REG. NUMBER	201270144	
TITLE	Pr. TechENG	

TRANSNET NATIONAL PORTS AUTHORITY

TITLE	NAME	SIGN	DATE
DRAWN			
CHECKED			
DESIGNED			
CHECKED			

PR.ENG. / PR.TECH./PR. ARCH

NAME	DATE
SIGNATURE	
REG. NUMBER	
SCALE	

TRANSNET

Transnet National Ports Authority

TRANSNET SOC Ltd : REG No. 1990/000900/30
NEWARK ROAD
RICHARDS BAY
TEL: 035 788 0067
PO BOX 181, RICHARDS BAY 3900, SOUTH AFIRCA

PROJECT / AREA / ASSET / SUBJECT/DRAWING TITLE

PORT OF RICHARDS BAY

PORT ROADS REHABILITATION & UPGRADE
(REPAIRS TO PORT ROADS)
TYPICAL FENCING & GATE DETAILS 1

PAPER SIZE	TRANSNET DRW. NO.	REV.
A0	TBC	E2
	PROJECT DRG. NO.	REV.
	1006614-DRG-02-NW-CC-D001	T2