



STRUCTURAL STEEL NOTES:

1. ALL DIMENSIONS AND LEVELS SHALL BE CHECKED ON SITE BEFORE SHOP DRAWINGS COMMENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
2. A COMPLETE SET OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE FABRICATION COMMENCES. SHOP DRAWINGS WILL ONLY BE CHECKED FOR COMPLIANCE WITH DESIGN INTENT. NO DIMENSIONAL CHECKS, CHECKS ON CLEATS, BOLTS, WELDS AND GUSSETS WILL BE DONE. ONLY SIZES OF STRUCTURAL MEMBERS, CONNECTIONS AND SPLICES WILL BE CHECKED ALSO WITH REGARD TO DESIGN INTENT. FINAL DIMENSIONS AND THE CORRECT FITTING OF MEMBERS SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
3. STRUCTURAL STEELWORK SHALL BE COMPLETED BY THE MANUFACTURER I.E. CLEANED AND COATED WITH THE SPECIFIED PRIMER IN THE WORKSHOP OR HOT DIP GALVANIZED WITH/WITHOUT A DUPLIX) BEFORE TRANSPORTATION TO SITE.
4. ALL HOT ROLLED, PLATES, SECTIONS AND CHS (CIRCULAR HOLLOW SECTIONS) STRUCTURAL STEELWORK SHALL BE GRADE S355JR (PREVIOUSLY GRADE S50WA), EXCEPT COLD-FORMED OPEN STEEL SECTIONS, WHICH SHALL HAVE A MINIMUM YIELD STRESS OF 240 MPA.
5. NO STEEL OF GRADE Q345 SHALL BE ACCEPTED.
6. THE CONTRACTOR IS RESPONSIBLE FOR STABILIZING THE STRUCTURE AND MAINTAINING IT IN THE CORRECT POSITION DURING ERECTION. WHERE TEMPORARY BRACING OR PROPPING IS REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, ERECTION, MAINTENANCE AND REMOVAL (WHERE NECESSARY) OF SUCH SUPPORTS. IF SPLICES IN TRUSSES ARE REQUIRED DUE TO TRANSPORT, PROPOSALS OF THIS SHALL BE SUBMITTED TO THE ENGINEER AT AN EARLY STAGE FOR WRITTEN APPROVAL.
7. ALL BOLTS, NUTS AND WASHERS SHALL BE HOT-DIPPED-GALVANIZED GRADE 8.8 U.N.O.
8. WELDS SHALL CONFORM TO SANS 0167 & AWS D1.1 SPECIFICATIONS
9. ALL STRUCTURAL STEELWORK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH SABS 1200 H (STRUCTURAL STEELWORK) AND SANS 10102 (STRUCTURAL USE OF STEEL).
10. SEE ARCHITECTURAL DRAWINGS FOR FINAL COLOR OF STRUCTURAL STEELWORK U.N.O. PAINT SPECIFICATION SHEET.
11. A CERTIFICATE FROM THE STEEL MANUFACTURER IN WHICH THE GRADE OF THE STRUCTURAL STEEL IS VERIFIED SHALL BE HANDED TO THE ENGINEER FOR APPROVAL PRIOR TO ANY MANUFACTURING COMMENCES.
13. QUALITY CONTROL ON WELDING SHALL BE AS PER THE STRUCTURAL NOTES
14. STEEL SURFACES OF ALL STEEL SHALL BE PREPARED TO A PREPARATION GRADE P3 (VERY THOROUGH PREPARATION) ACC. TO SANS 8501-3:2000 (RELEVANT OF THE TYPE OF CORROSION PROTECTION SPECIFIED)
15. ALL PURLINS, GIRTS & BOX GUTTERS TO BE PRE-GALVANISED IN ACCORDANCE WITH SANS 4998

CORROSION PROTECTION NOTES:

1. FOR HOT DIPPED GALVANIZING, REFER TO SANS - 121/ ISO - 1461 AND PROJECT SPECIFICATIONS DOCUMENT.

NOTES / LEGEND

GENERAL NOTE:

- ALL DRAWINGS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS DOCUMENT
- SEE DRAWINGS 210-02 TO 210-05 FOR GENERAL ARRANGEMENT LAYOUTS WITH ANNOTATIONS AND DIMENSIONS.
- SEE DRAWINGS 211-01 TO 211-03 FOR SECTIONS WITH ANNOTATIONS AND DIMENSIONS
- SEE DRAWING 203-01 FOR CONNECTION DETAILS AND LADDER DETAILS

PROJECT STATUS

TENDER

APPROVED BY COUNCIL / CLIENT

CITY ENGINEER / CLIENT

REG. NO.

DATE

AMENDMENTS CODE

A,B,C,... : BEFORE TENDER
TO : TENDER DRAWING
0,1,2,... : AFTER TENDER
Z : AS BUILT

/A: BY CLIENT

/B: BY ARCHITECT

/C: BY MECHANICAL OR ELECTRICAL

/D: BY BVI

/E: BY OTHER ()

DATE	INITIAL	No./CODE	REVISION DESCRIPTION
20/11/2024	N.Y.	T0	DRAWING ISSUED FOR TENDER
04/12/2024	N.Y.	T1	DRAWINGS REVISED

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CLIENT

CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

PROJECT

DHL STADIUM - SCREEN UPGRADE

DRAWING TITLE

SCREEN SUPPORT STRUCTURE 1 -
GENERAL LAYOUT

APPROVED BY BVI

ENGINEER/TECHNOLOGIST	970672	04/12/2024
	REG. NO.	DATE
SCALE	As indicated @ A1	DRAWN N. YIANKOU
DESIGNED	J. DE LANGE	CHECKED L. PIENAAR
PLAN NUMBER	REVISION NO.	DATE SAVED
35010.10-210-01	T1	04/12/2024