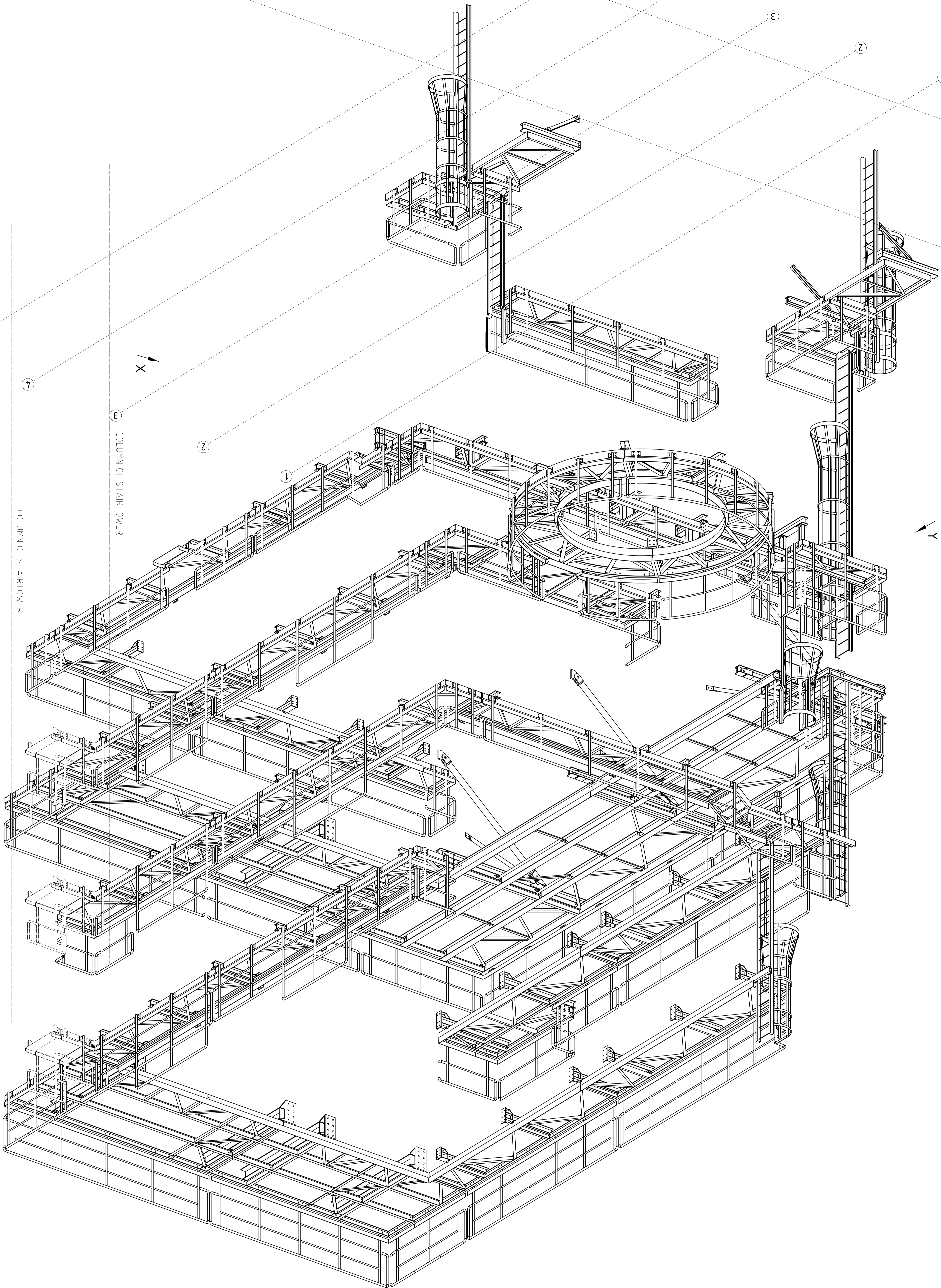


AXONOMETRY



REFERENCE DRAWINGS

DRAWING No.	TITLE
I. 79428 DW-K00-11-A0	PLATFORMS - VIEW X
II. 79428 DW-K00-12-A0	PLATFORMS - VIEW X
III. 79428 DW-K00-10-A0	STARTOWER - PLATFORMS p.2 + DET.
IV. 79428 DW-K00-05-A0	DESIGN FOR HANDLING AND STAIRS

SLIDING POINT
 FIXING POINT

ALL SHOP-WELDS IN THIS DRAWING ACCORDING TO DIN EN ISO 2553
 . aB . ✓ . s II
 UNLESS OTHERWISE SPECIFIED
 GENERAL TOLERANCES FOR WELDED CONSTRUCTIONS ACCURACY TO DIN EN ISO 13920 DEGREE OF ACCURACY "B-F" WELDS AS PER DIN EN ISO 5817 CLASS OF WELD QUALITY: C.

ADMISSIBLE DIMENSIONAL DIFFERENCES AS PER DIN ISO 2768 DEGREE OF ACCURACY m, K

MATERIAL	EURO CODE	US/CHINA
PLATE	S235JR	Q235B
PROFILE	S235JR	Q235B
TUBE	S235JR	Q235B

BOLTED CONNECTIONS:
 BOLTED CONNECTIONS SHALL CONFORM TO THE REQUIREMENTS CONSTRUCTION AND TO MEMBERS FOR BOLTS, NUTS, WASHERS ETC.

NOTE:
 THE DETAIL DRAWINGS OF STEEL STRUCTURE HAS TO BE VERIFIED BY STATIC CALCULATION ALL CONNECTING ELEMENTS WITHOUT DIMENSIONS (GOSSSET PLATES, NUTS, RIBS) ARE INFORMATORY HERE ONLY.

NOTE:
 CONNECTING COMPONENTS (BOLTS, NUTS, GRATE ETC.) - HOT GALVANIZED
 BOLTS, NUTS, PINS - MINIMAL STRENGTH CLASS 8.8
 T.O.S. - TOP OF STEEL
 T.O.G. - TOP OF GRATE
 BC - BOLTED CONNECTION

NOTE:
 Handrails and stairs are designed by drawing 79428 DW-K00-10-05-A0 Handrailing and stairs

CONNECTION OF SHAPES
 - ARTICULATED JOINT
 - FIXED

CORROSION PROTECTION, PAINTING AND GALVANIZATION
 according to Technical Specification TS-K00-120-A4
 Stair case, platforms, stairs and gratings:
 Surface preparation 2.5 SA sandblasting
 Coating hot dip galvanizing
 Railing:
 Surface preparation 2.5 SA sandblasting
 Prime coat 100µm NEOPLAST SF 30 (dry film thickness)
 Final coat 80µm SF 11 / 12 (dry film thickness)
 RAL 1034, Pastel yellow

The fabricator shall consider the shrinkage of plates during welding procedure.
 The erection company shall consider the shrinkage of plates during filed welding procedure.

Built-up members:
 Commercial rolled steel beams of adequate size are preferred over Built-up members in construction of steel structures. If Built-up members are used, consisting of splicing a series of plates or welding cover plates to the flanges, the welds shall be designed and proportioned to resist the bending and shear stresses in the flanges. The welds shall not be discontinuous in the loads areas, shall comply with the design documentation, and shall be made in workshops by qualified welders and all inspected visually and with NDT.
 For best practice in the design and usage of Built-up members of all types, refer to the recommendations of American Institute for Steel Construction, Specifications for Structural Steel Buildings 360.

READ THIS DRAWING WITH: 79428 DW-K00-110-A0, 79428 DW-K00-111-A0
 79428 DW-K00-112-A0, 79428 DW-K00-100-A0
 79428 DW-K00-105-A0