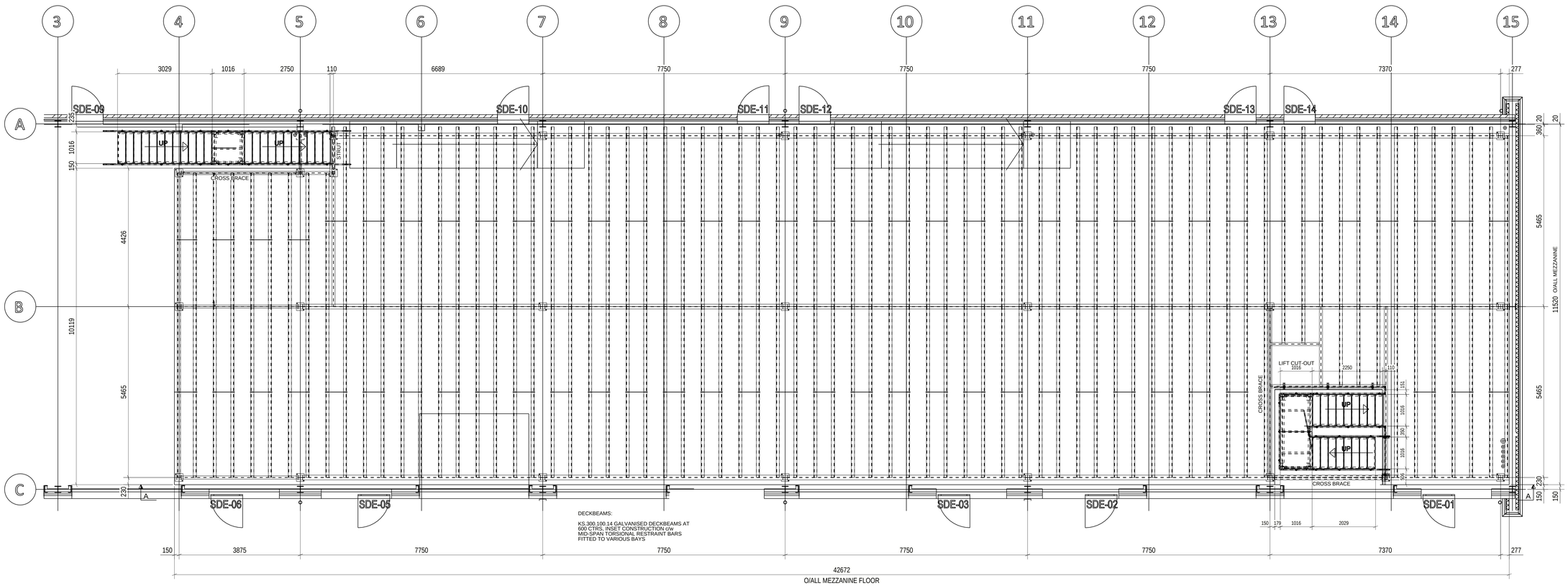
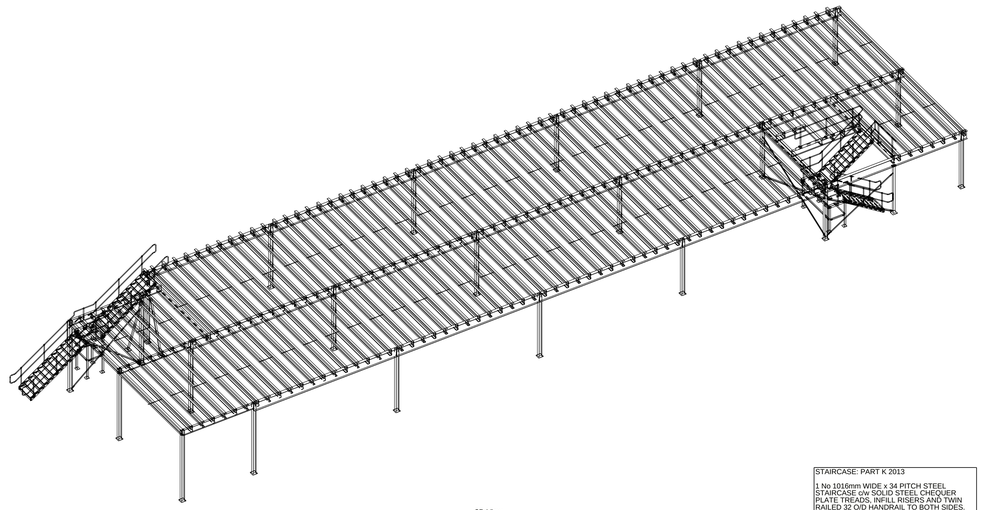


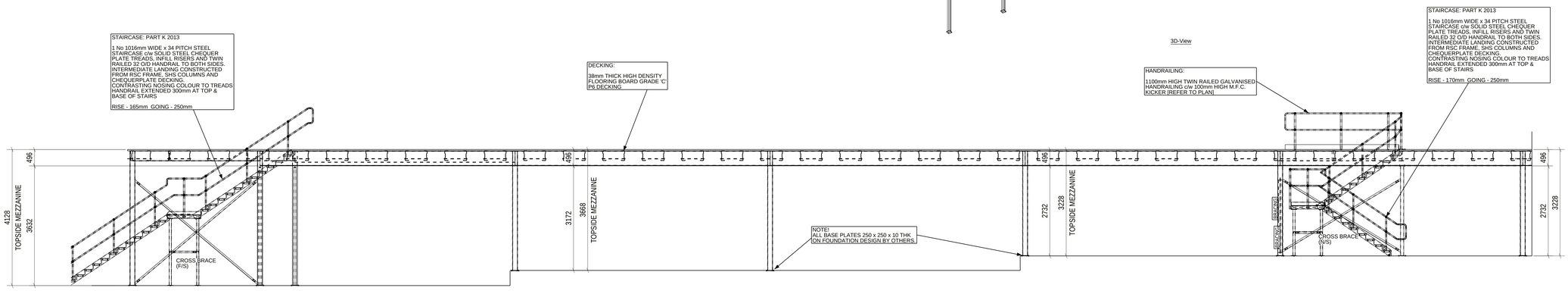
DECKBEAMS:

KS.300.100.14 GALVANISED DECKBEAMS AT 600 CTRS, INSET CONSTRUCTION c/w MID-SPAN TORSIONAL RESTRAINT BARS FITTED TO VARIOUS BAYS

Plan +TOS



3D-View



A - A

General Notes

DESIGN CRITERIA

LOADING CAPACITY	= 5.0 kN/m² U.D.L
DEAD LOAD	= 0.35 kN/m² U.D.L
SERVICE LOAD	= 0.25 kN/m² U.D.L
BEAM DEFLECTION CRITERIA	= L/360

Steel design in accordance with BS EN 1993-1-1:2005 + UK National Annex OR BS 5950-1:2000.
Where BS 5950-1:2000 is used, the requirements of BS EN 1993-1-1:2005 are taken into account as as necessary.

MATERIAL

All UB/UC Sections to be S355JR to BS EN10025 UNO
All SHS Columns to be Hybox355®
All Bolts to be Grade 8.8 UNO
All welds to be 6fw UNO

FINISHES

STEELWORK
- Shot Blasted and Primed

DECKING
- Natural

DECKBEAMS
- Galvanised

HANDRAIL POSTS
- Black

HANDRAIL TUBE
- Black

STAIR TREADS
- Black

STAIRCASE
- Black

KICKER
- Black

KEY

Stairs and Handrailing to conform to BS EN ISO 14122 and the requirements of British Building Regulations where necessary.

Davicon operates in accordance with BS EN 1090 & supported by a Quality Management System ISO 9001:2015

CUSTOMER RESPONSIBILITIES

1. To provide a clear level site free from all obstructions prior to erection of platform floor.
2. To provide free use of all lifting facilities for off loading materials and erection purposes.

FIRE PRECAUTIONS:

CUSTOMER TO CARRY OUT THE FOLLOWING WORK USING APPROVED SUPPLIERS:

1] EMERGENCY LIGHTING TO CONFORM TO B.S.5266 PART 1 1999

2] FIRE SAFETY SIGNS TO CONFORM TO B.S.5499 PART 1 1988

3] SMOKE DETECTION SYSTEM TO UNDERSIDE OF THE PLATFORM LINKED TO AN ALARM AUDIBLE THROUGH THE PREMISES CONFORMING TO B.S.5839 PART 1 2002

Index	Date	Description	Author
A	25.10.2020	BRACE MODIFICATIONS	SD

G.Parry Consulting Ltd

DRAWING TITLE
Proposed Mezzanine Floor

CLIENT
City College Plymouth

ADDRESS
Oceansgate
Plymouth.Devon
Plymouth.Devon

DRAWN BY	ISSUE DATE	SCALE
PP	18.08.2020	1:50 1:100
PROJECT No	**DRAWING No.**	**REVISION No.**
19827	G [1]	A

Kate Stockwell