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- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES.
  2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND STRUCTURAL STEELWORK DRAWINGS AND ELECTRICAL LIGHTNING PROTECTION DRAWINGS.
  3. FOR BLOCKWORK WALL LOCATIONS REFER TO ARCHITECTURAL PLANS UNO.
- DENOTES SUPERSTRUCTURE TENSION MEMBER SUPPORT TURRET (TYPICAL)  
 S.W. - DENOTES SHEAR WALLS/ BRACING SYSTEM  
 M.H. - DENOTES MANNING HOLE  
 M.B. - DENOTES MANNING HOLE  
 M.B. - DENOTES MANNING HOLE  
 M.B. - DENOTES MANNING HOLE  
 DTA - DRAINAGE TRENCH TYPE A  
 DTB - DRAINAGE TRENCH TYPE B

FOR MARINE DECK STRUCTURAL GA'S REFER TO DRAWING No. MDG/Y00/0/D22/01/2167, MDG/Y00/0/D22/01/2168, MDG/Y00/0/D22/01/2169, MDG/Y00/0/D22/01/2170, MDG/Y00/0/D22/01/2171, MDG/Y00/0/D22/01/2172, MDG/Y00/0/D22/01/2173, MDG/Y00/0/D22/01/2174, MDG/Y00/0/D22/01/2175, MDG/Y00/0/D22/01/2176, MDG/Y00/0/D22/01/2177 & MDG/Y00/0/D22/01/2178.

FOR MARINE DECK CONSTRUCTION DETAILS REFER TO MOWLEM DRAWINGS

89C40/0001 TO 0018  
 89C40/0020 TO 0022  
 89C40/0030 TO 0038  
 89C40/0040 TO 0044  
 89C40/0047  
 89C40/0100 TO 0112  
 89C40/0150 TO 0164  
 89C40/0180 TO 0200  
 89C40/0210 TO 0221

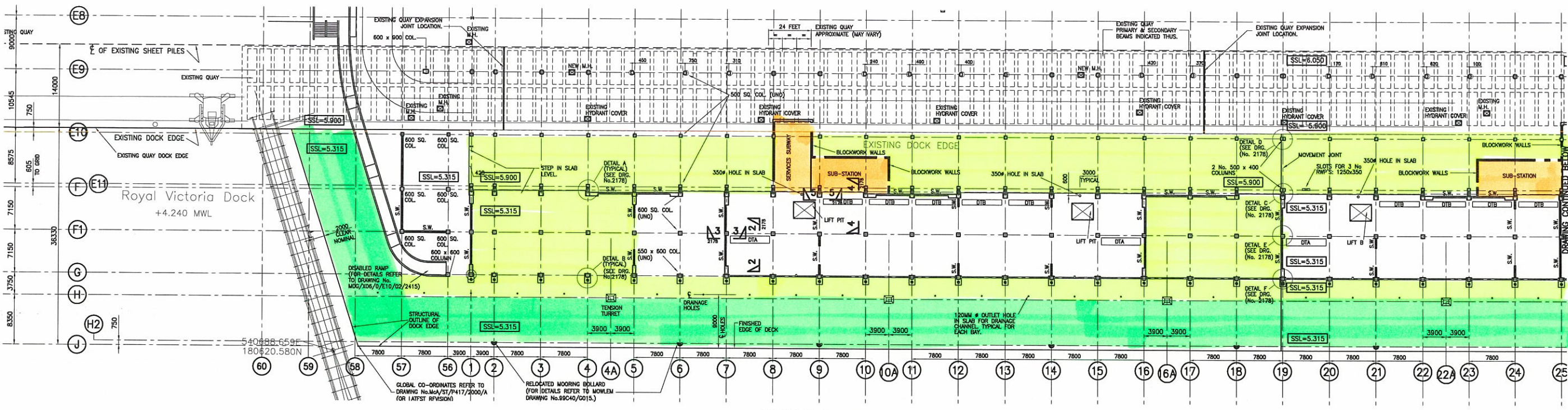
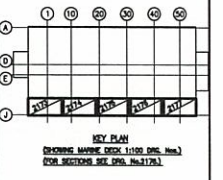
FOR SHEAR WALL (S.W.) AND COLUMN DIMENSIONS AND DETAILS REFER TO DRAWING: MDG/Y00/0/E10/12/2628

FOR GRID AND DECK EDGE SETTING OUT REFER TO THE LATEST REVISION OF McALPINE DRAWING No. 2000

**WATER LEVELS:**

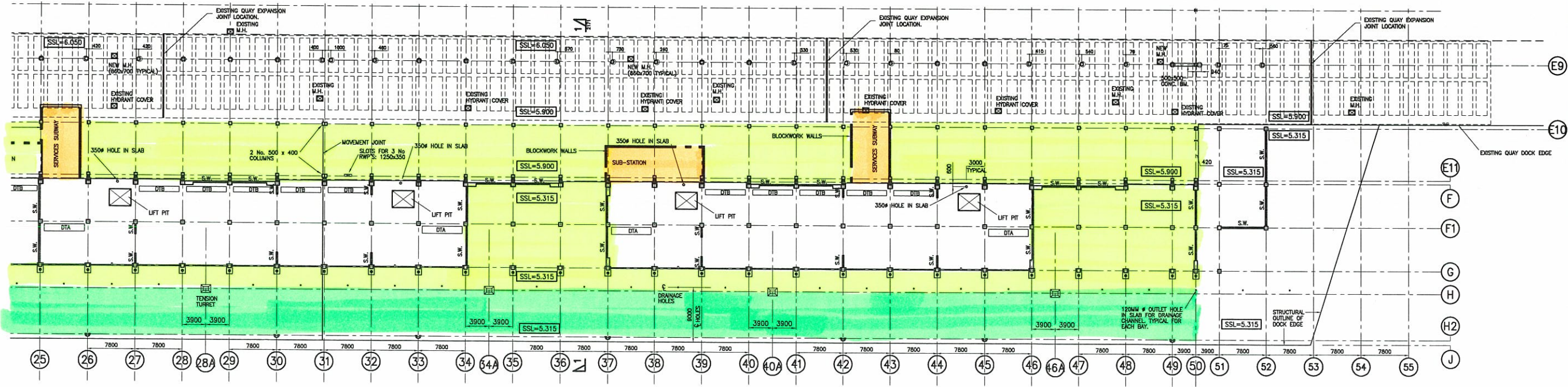
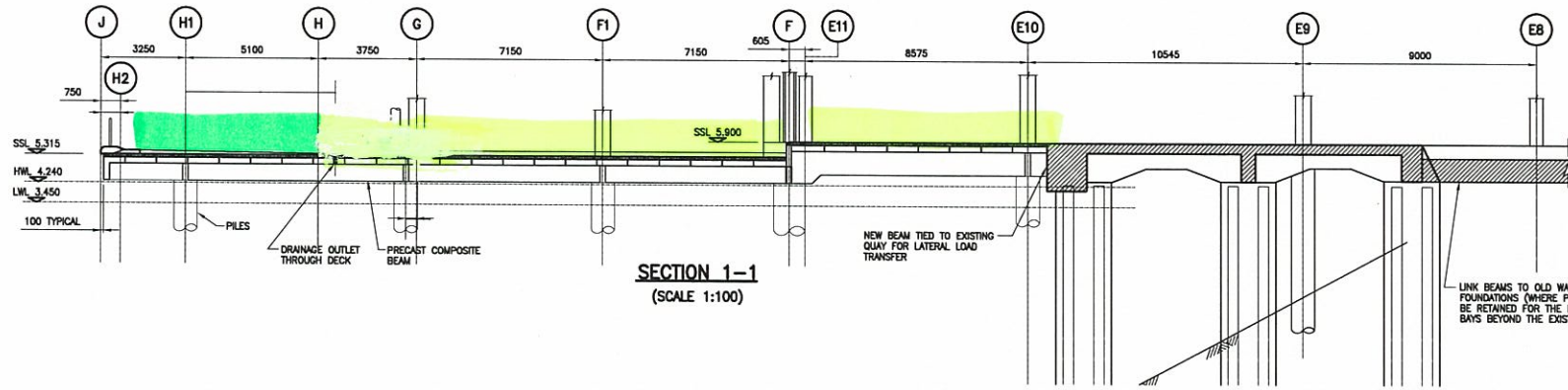
FLOOD DEFENCE LEVEL = 5.180m  
 FULL UNFOUNDED LEVEL (H.M.) = 4.400m  
 MINIMUM UNFOUNDED LEVEL (L.M.) (RESTRICTED) = 3.450m

NOT TO ORDNANCE SURVEY GRID



**DESIGN LOADINGS:**

(a) ARCHITECTURAL FINISHES = 5KN/m<sup>2</sup>  
 (b) LIVE LOADS = 12KN/m<sup>2</sup> GENERALLY (17KN/m<sup>2</sup> IN SUB-STATION AREAS ONLY)  
 (c) FIRE ENGINE ACCESS = COVERED BY 'b' ABOVE  
 (d) 40 T LORRY ACCESS = 80KN AXLE WITH 3 REAR AXLES AT 3.2m CENTRES (OUTER 9m OF DECK ONLY)  
 (e) SELF WEIGHT OF ELEMENTS = 24KN/m<sup>2</sup>  
 (f) BERTHING & MOORING = 1 NUMBER +/- 500KN HORIZONTAL LOAD PERPENDICULAR TO GRIDLINE 'J' AND ON ANY NUMBERED GRIDLINE LOCATION ONLY ON 'J', TOGETHER WITH +/- 100KN VERTICALLY AND PARALLEL TO GRIDLINE 'J' AT NUMBERED GRID LOCATIONS ONLY  
 (g) DECK COLUMN LOADS ARE LISTED IN McALPINE DESIGN GROUP'S REPORT No. MCA/ST/P417/104.



**ExCel**  
 LONDON INTERNATIONAL EXHIBITION CENTRE

TITLE: MARINE DECK LAYOUT

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**McALPINE Design Group**

Scale: 1:100 Author: GEG Date: 26.04.99  
 Drawing No. MDG/Y00/0/D22/01/2175