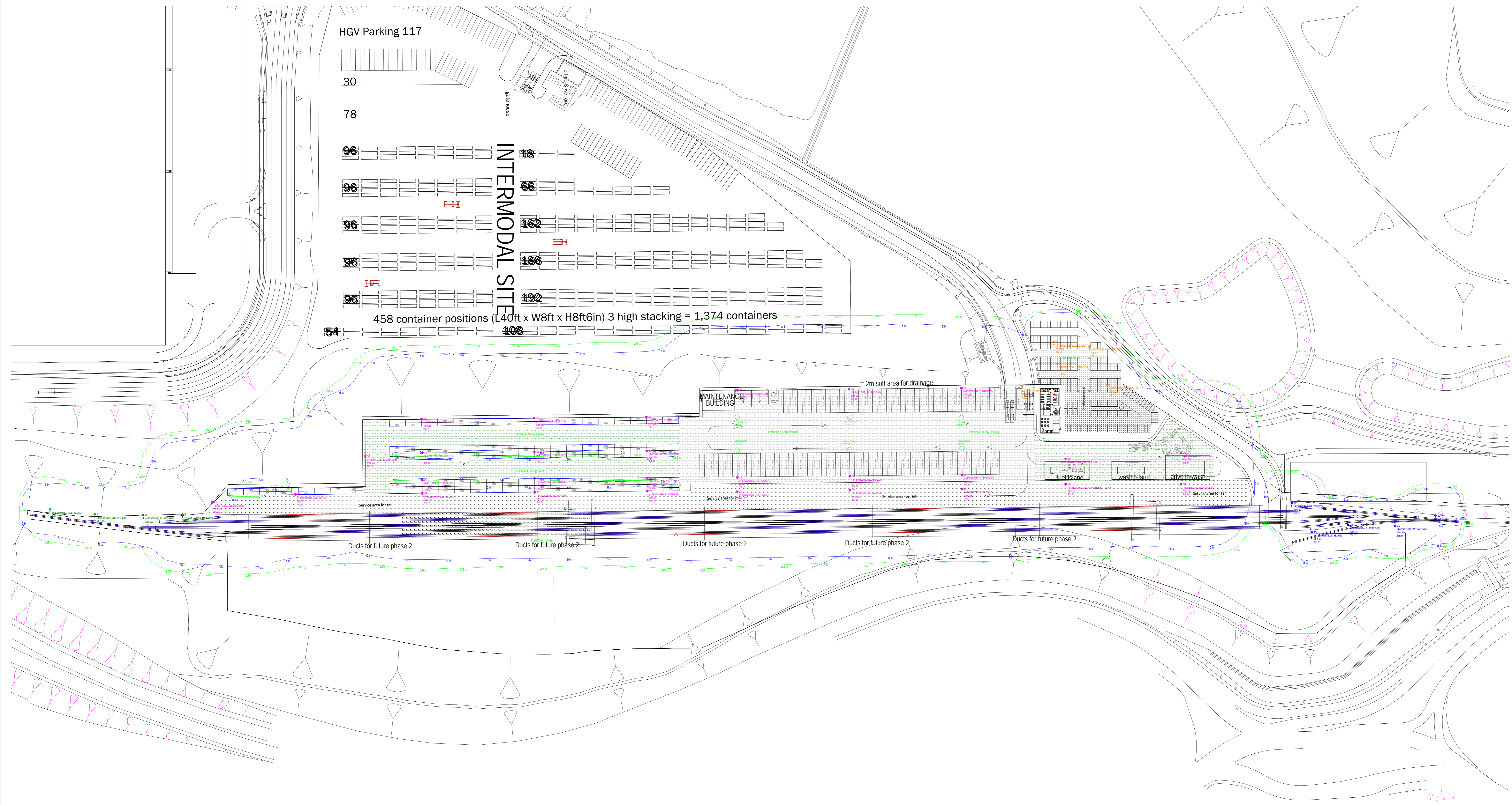


Symbol	Ref	Qty	Label	Arrangement	Description	Lumens	Module Wattage	Column Wattage	Total Watts	S/P Ratio	Total MF
A	28		2x 4x 1000mA LED Array, C1 Optic, 25m TLS	4 ONE WAY	Quat Kitara 64 x 1000mA LED Array, C1 Optic, 25m TLS	30386	196	782	22276	1.50	0.920
B	5		NP2 64LED 4x C1 CLO 900	SINGLE	Car Park Kitium Pro 2, Direct Post, 64 x 4x CLO 900mA LED Array, C1 Optic, 10m TLS	23317	151	151	756	1.50	0.920
B	5		NT NP2 64LED 4x C1 CLO 900	SINGLE	[North Throat] Kitium Pro 2, Direct Post, 64 x 4x CLO 900mA LED Array, C1 Optic, 10m TLS	23317	151	151	756	1.50	0.920
B	4		ST NP2 64LED 4x C1 CLO 900	SINGLE	[South Throat] Kitium Pro 2, Direct Post, 64 x 4x CLO 900mA LED Array, C1 Optic, 10m TLS	23317	151	151	604	1.50	0.920

Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
Car Parking	Illuminance	Lux	21.82	47.6	6.7	0.31	0.14
Container Storage Area	Illuminance	Lux	22.52	51.4	10.7	0.48	0.23
Entrance & Lorry Parking	Illuminance	Lux	29.61	61.5	10.3	0.35	0.17
Fuel Island & Wash Area	Illuminance	Lux	29.98	39.4	17.5	0.59	0.44
Northern Throat	Illuminance	Lux	22.16	34.8	11.7	0.53	0.34
Rail Test Strip	Illuminance	Lux	26.63	37.4	19.4	0.73	0.52
Service area for rail	Illuminance	Lux	26.35	44.9	7.0	0.27	0.16
Southern Throat	Illuminance	Lux	26.08	42.9	12.6	0.48	0.29



Lighting Classes:
 Car & Lorry Parking, Container Storage, Service Area For Rail

This scheme has been designed to:
 BS6449 - L2013
 Lighting requirements for outdoor car parks
 Table 5
 Street Traffic (parking, chicanes, major sports facilities)
 200 lux Minimum average illuminance (Ave)
 25% Minimum overall uniformity ratio (U0)

Rail Throat:
 20lux Ave, >40% U0

A: 07/06/18 Based on client DR0206
 Issue: 01/07/18
 ICM Statement:
 Please note that this proposed lighting scheme is a lighting solution that has been designed with information provided by the client. The solution does not include site, installation engineering and risk assessment considerations.



East Midlands Gateway

Client: Maritime Transport Ltd
 Project Management: Kelly Heath
 Contact: Martin Brewster
 Lighting Design: Matthew Walker
 All measurements in metres and mm.
 Do not scale from the drawing. Product images are indicative.