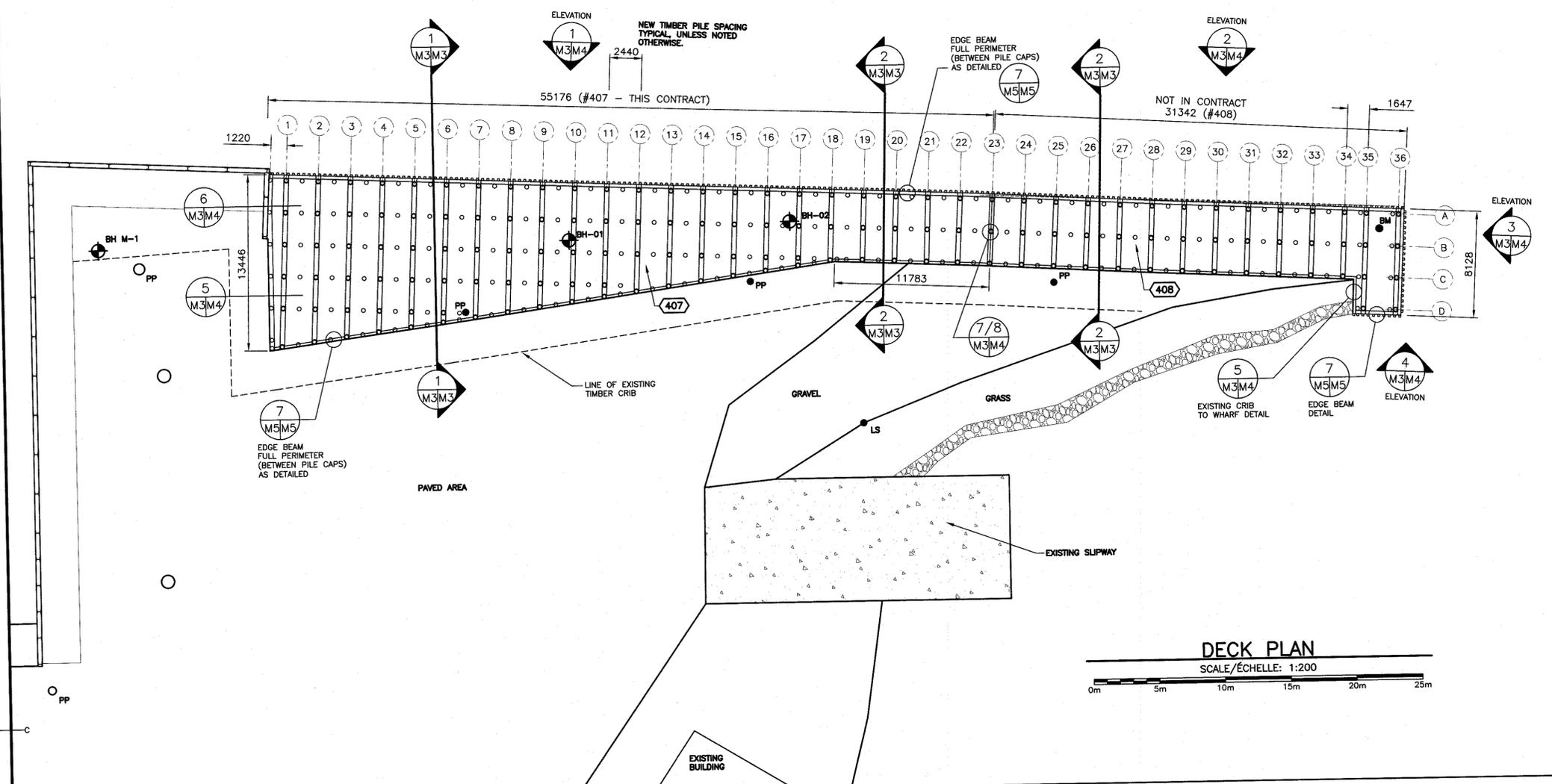


Garg Associates Limited
Structural and Welding Consultants
Lokesh Garg, M.Sc., P.Eng.
President
3 Greenleaf Dr., Charlottetown
Prince Edward Island C1A 8E7
Phone: (902) 566-5456, Fax: (902) 566-3598
email: lokeshgarg201@gmail.com



1. SEE NOTES ON DRAWINGS M-1 & M-2 ALSO.

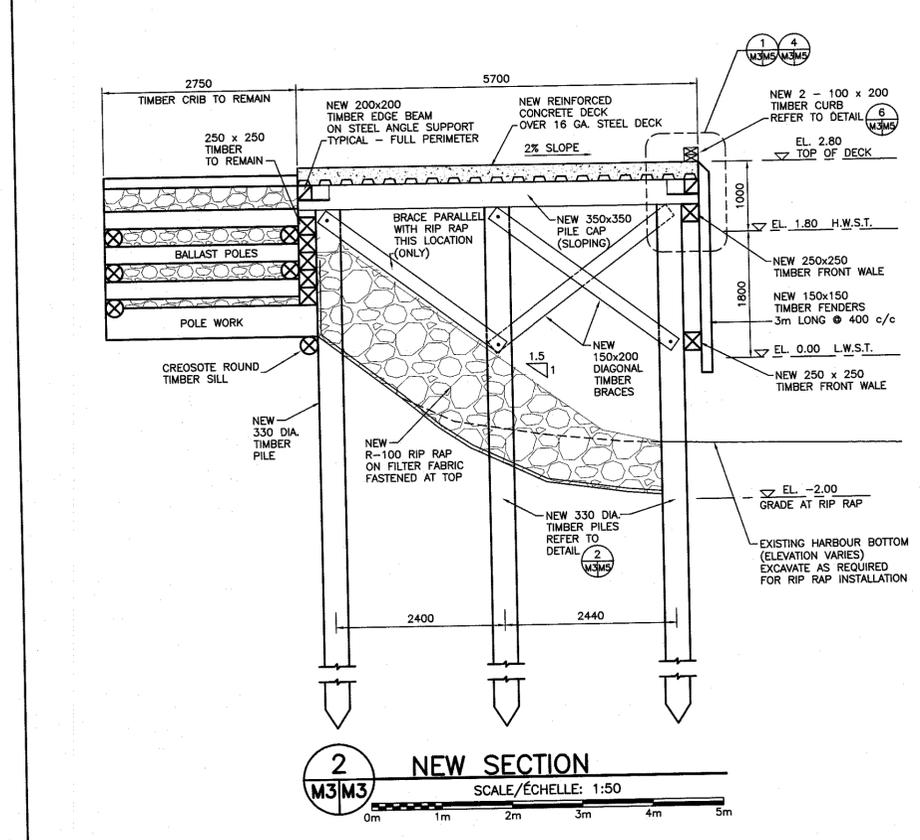
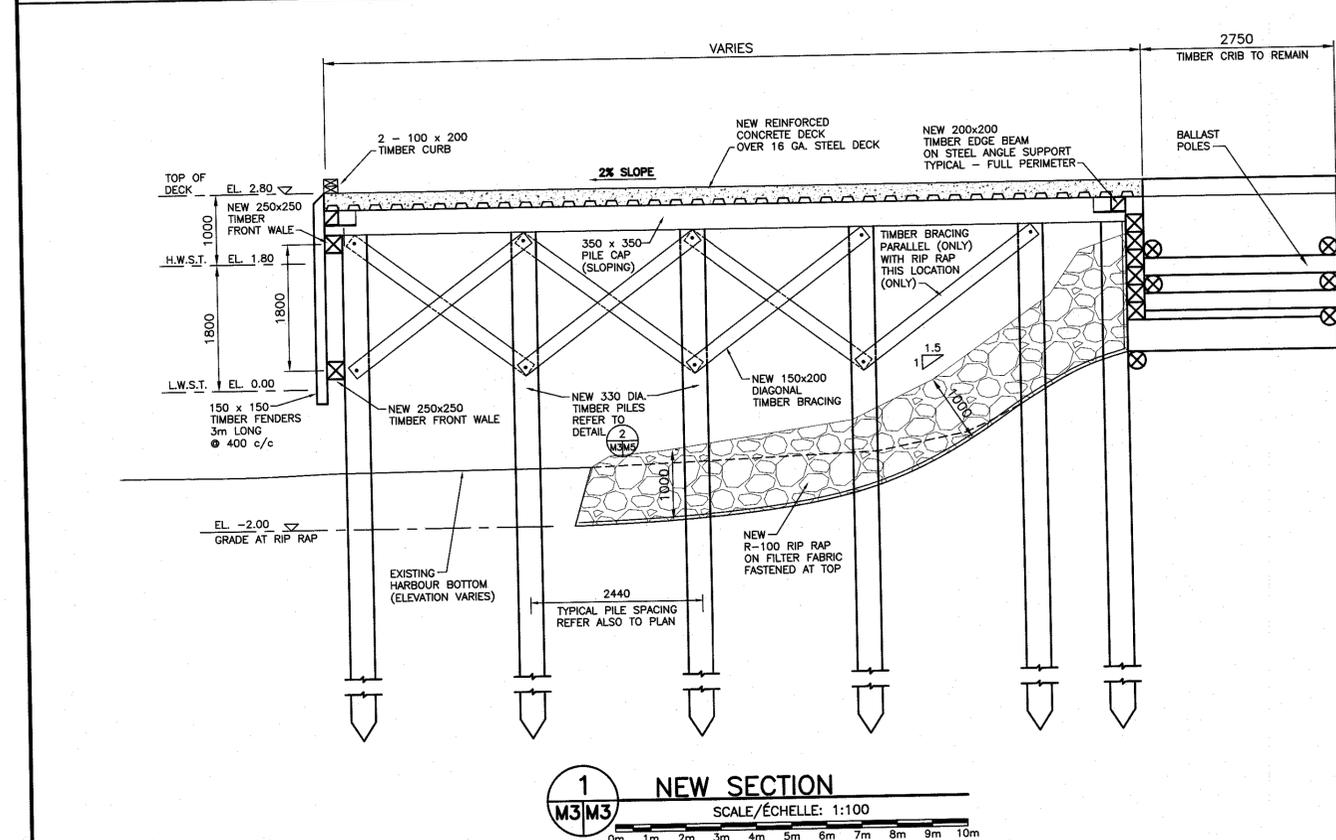


CASE 1: UNIFORM LOAD 9.6kPa
CASE 2: 2 AXLE TRUCK

SPECIFIED LOADS:
GVW = 28.5kN
MAX. AXLE LOAD = 17.8kN

LIVE LOAD DESIGN CRITERIA

- TIMBER PILE DESIGN LOADS**
TOTAL UNFACTORED LOAD - 60kN PER PILE AXIAL
TOTAL FACTORED LOAD - 79kN PER PILE AXIAL
- PILE DRIVING CRITERIA**
TIMBER PILES TO BE DRIVEN TO BEDROCK TO REFUSAL WITH A HAMMER OF RATED ENERGY OF 11500 JOULES. REFUSAL IS TAKEN AS 25 BLOWS/25mm FOR 100mm CONSECUTIVE WHEN DRIVING AT FULL FORCE OR 10 MINUTES FULL OPERATING CAPACITY FOR NO FURTHER THAN 25mm OF PILE PENETRATION.



2	100% SUBMISSION	OCT. 14 2015
1	99% SUBMISSION	OCT. 06 2015
revisions		date
project	WHARF RECONSTRUCTION 407 MONTAGUE KINGS COUNTY, PEI	
designed	L.G.	conçu
date	SEPT. 2015	
drawn	M.G.M.	dessiné
date	SEPT. 2015	
approved	<i>[Signature]</i>	approuvé
date		
Tender	<i>[Signature]</i>	Submission
PWGC Project Manager	Administrateur de projets TPSGC	
project number	R.076454.001	
drawing no.	M3 OF 6	