



Hamilton

CONSTRUCTION MANAGEMENT PLAN

September 11, 2023

CONSTRUCTION MANAGEMENT PLAN

Construction Management Plan consists of:

- **Construction Details**
- **Traffic Management Plan**
- **Public Communication Plan**

CONSTRUCTION MANAGEMENT PLAN

CONSTRUCTION DETAILS:

- **Surface Encroachments**
 - a) **City ROW**
 - b) **Private properties**
 - c) **Storage and Loading Areas**
- **Shoring, Tiebacks and Pile Construction (e.g. caisson piling)**
 - a) **Condition survey – Pre and post surveys -
Underground infrastructures, surrounding buildings**
 - b) **Noise and Vibration**
 - c) **Dewatering**
- **Hoarding, Walkthrough Scaffolding (sidewalk protection) and Safety Fencing**
- **Aerial/Crane Encroachments**
- **Dust Control Plan**

SURFACE ENCROACHMENTS



STORAGE AND LOADING AREA



Tiebacks - City Roads/Neighbouring Properties

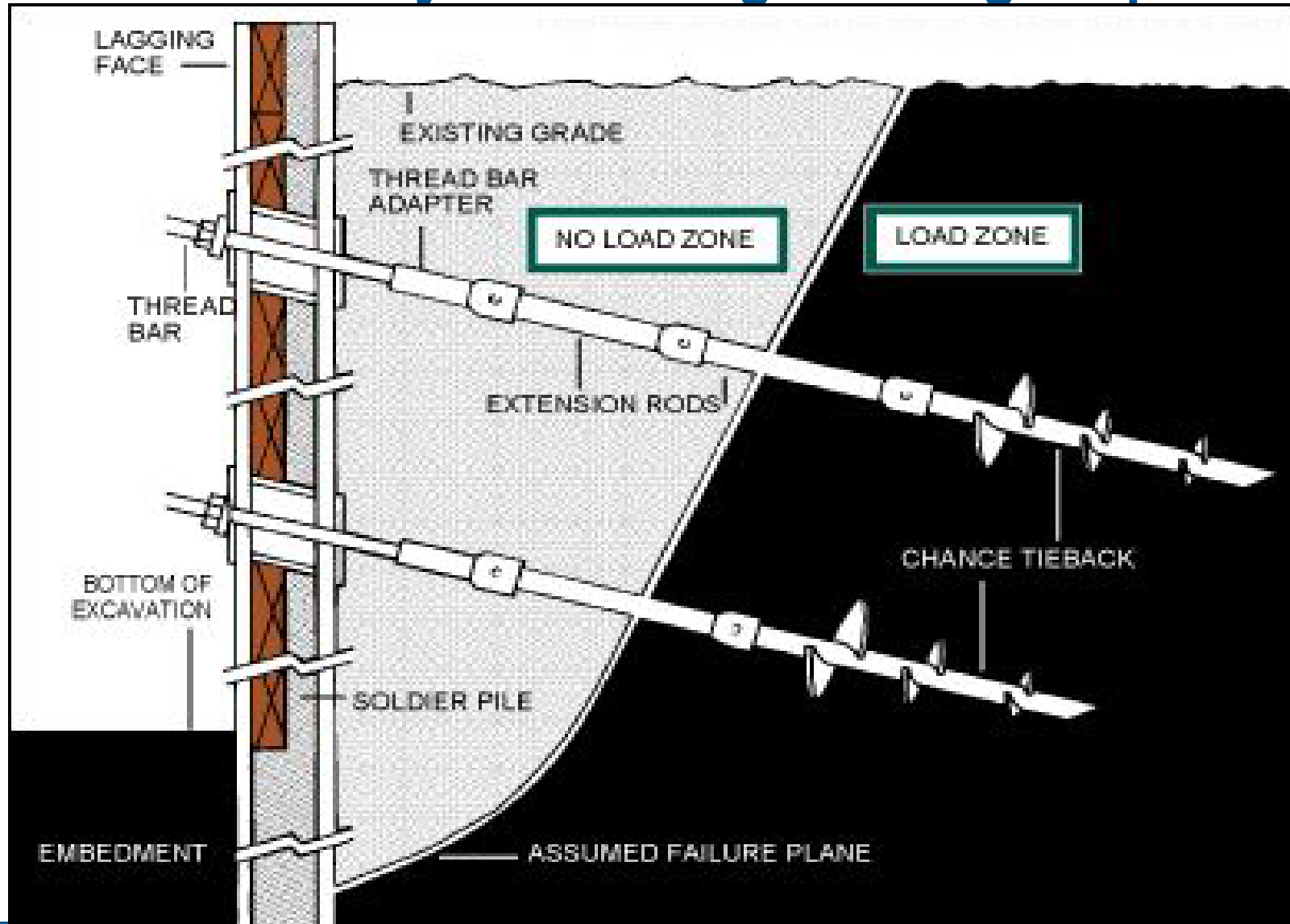


SHORING AND CAISSON PILING Issues

- Vibration and Noise Issues
- Pre and Post Condition Survey
 - existing buildings
 - existing infrastructure (water, storm, sanitary and other utilities)
- Dewatering



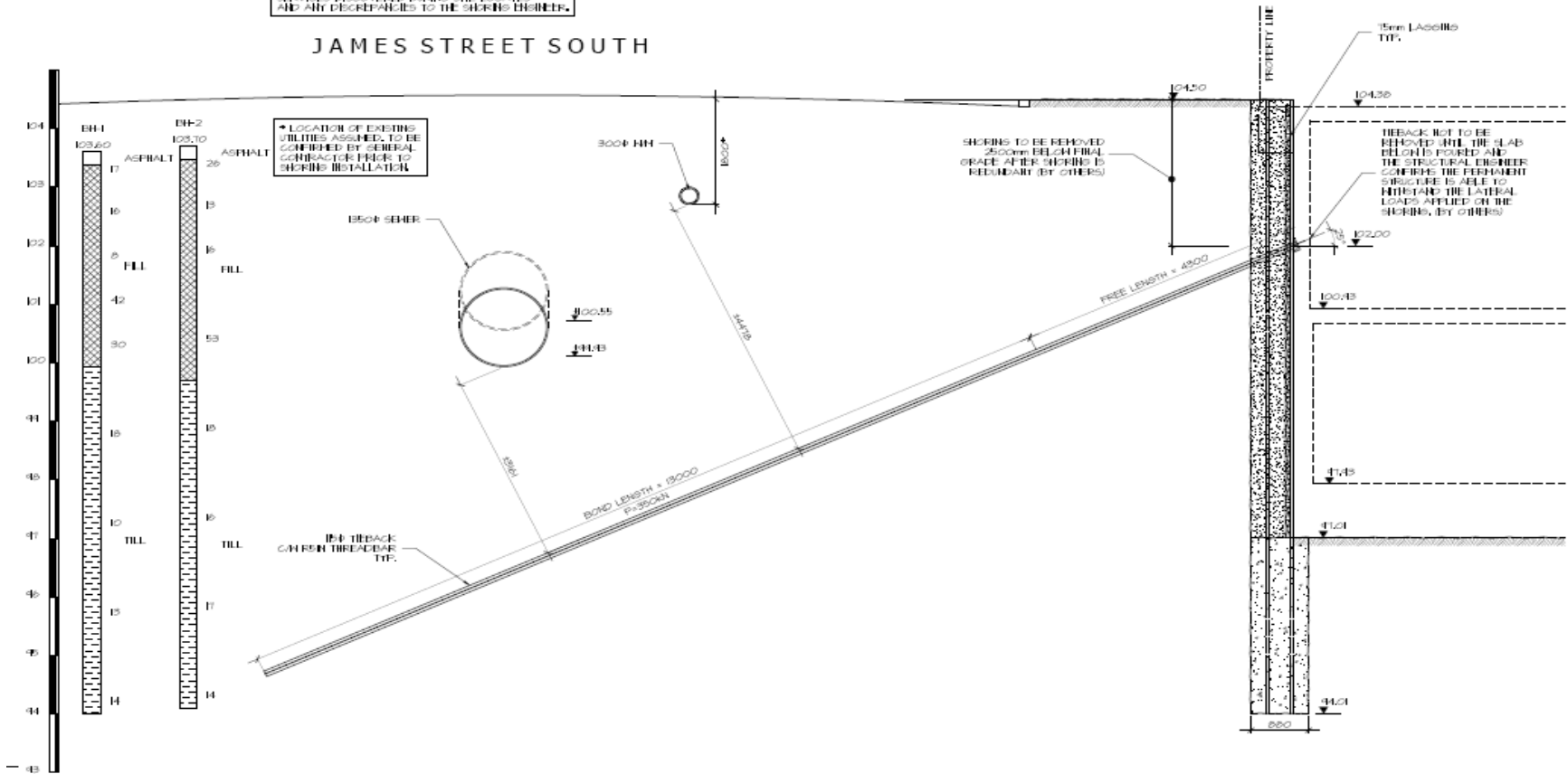
Tiebacks - City Roads/Neighbouring Properties



Tiebacks - Shoring Cross-Section

NOTE:
 ALL SERVICES ARE TO BE LOCATED IN BOTH PLAN AND ELEVATION BY GENERAL CONTRACTOR PRIOR TO THE START OF ANY SHORING HERE. CONFIRM TO ENGINEER THAT THE SERVICES SHOWN ON THE DRAWING MATCH THE LOCATES IN PLAN AND ELEVATION. REPORT ANY ADDITIONAL SERVICES DISCOVERED DURING SITE LOCATING AND ANY DEVIANCES TO THE SERVICE LOCATES.

JAMES STREET SOUTH



1 SECTION
 SH3 SCALE 1:50

SHORING AND TIEBACKS



9

SHORING AND TIEBACKS

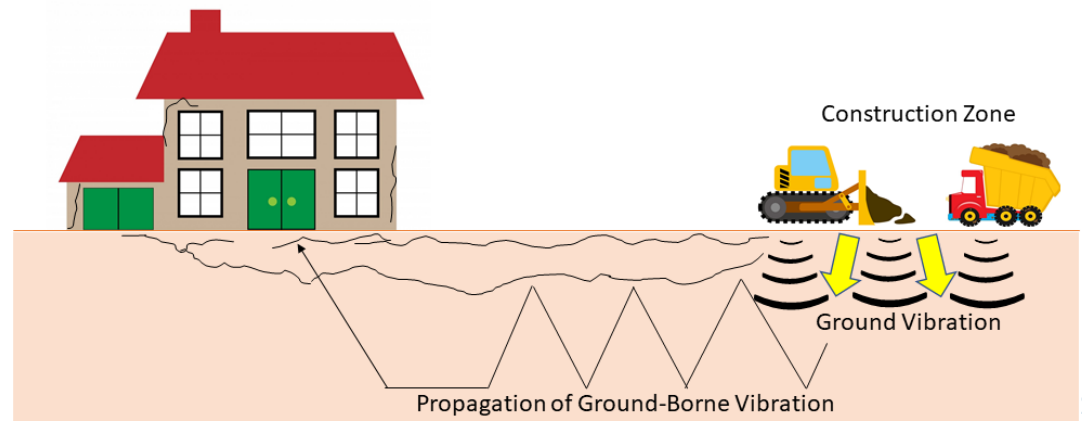
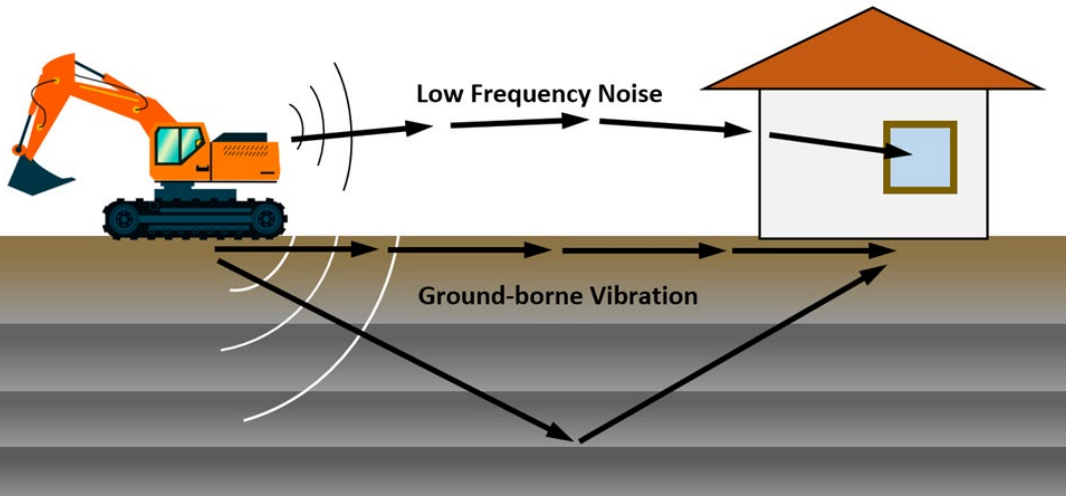


CONSTRUCTION MANAGEMENT PLAN

DEWATERING REQUIREMENTS



NOISE AND VIBRATION



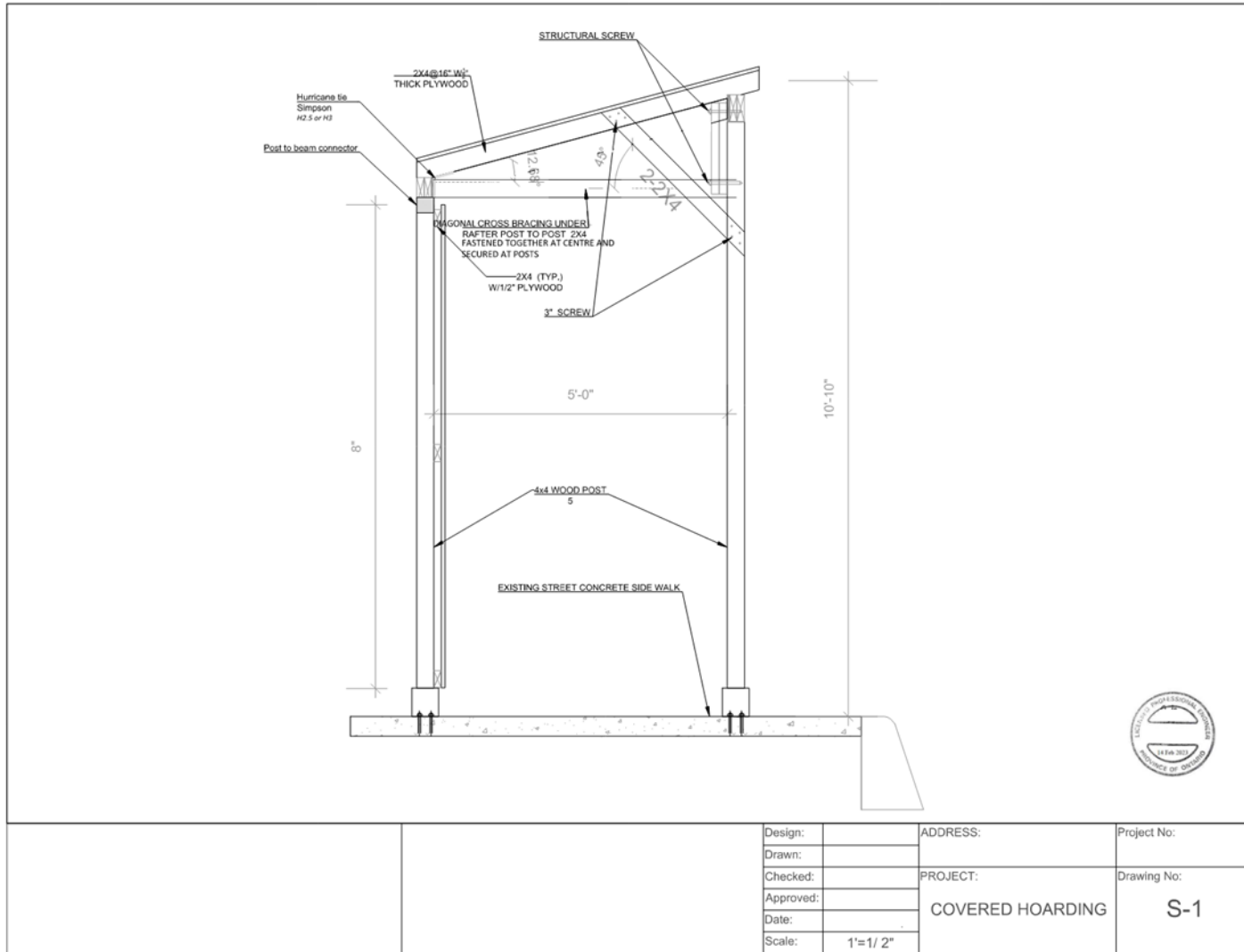
HORDING – CONSTRUCTION SITES



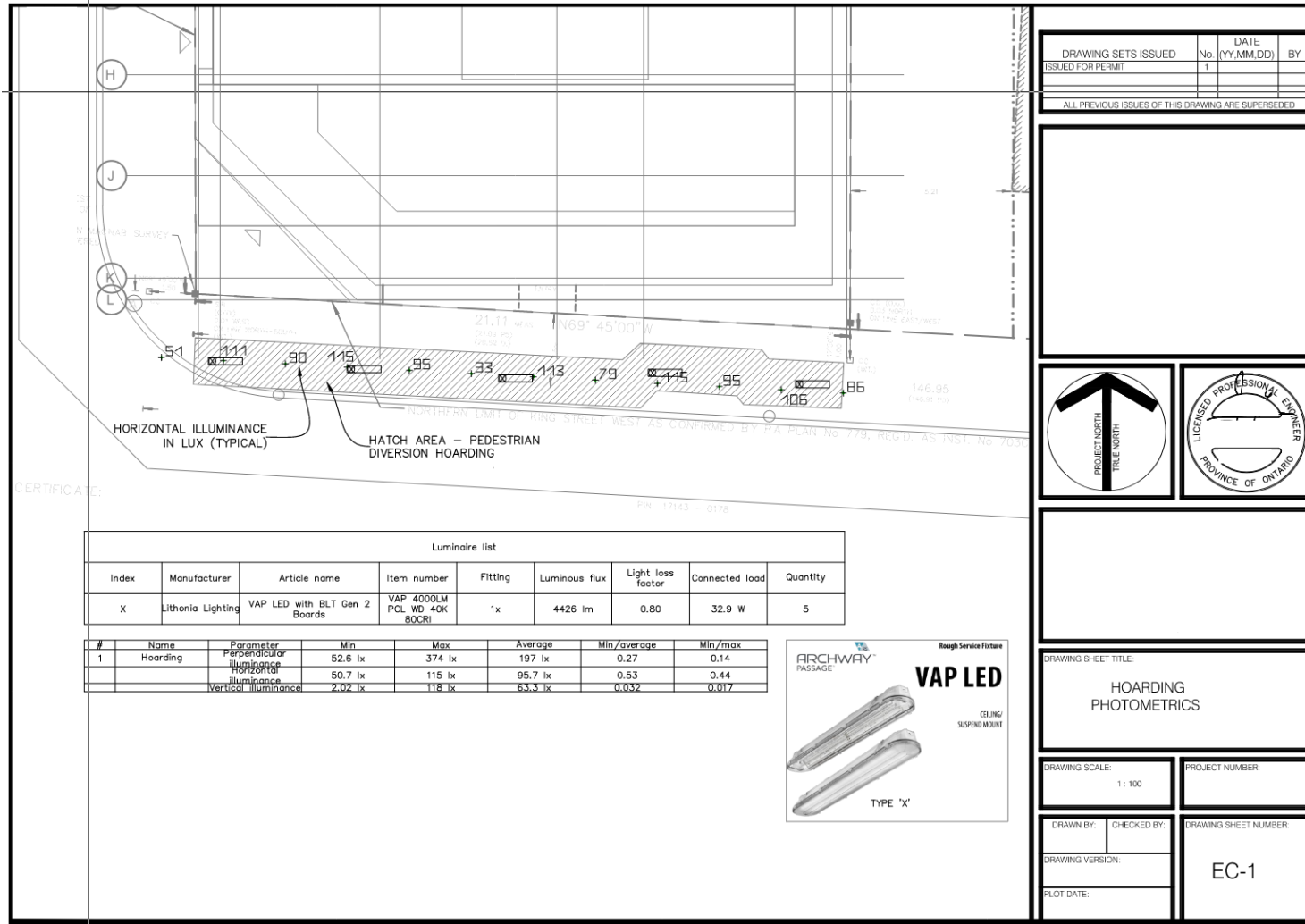
Walkthrough Scaffolding and lighting - Sidewalk

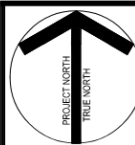

- Any construction directly adjacent to municipal property that can be accessed by the public (excluding single-family dwellings) shall be protected with covered scaffolding and shall have adequately illuminated. The design has to be sealed by a Professional Engineer.
- The Developer's consultant has to submit a monthly inspection report - structural stability of the walkthrough scaffolding and lighting performance.

HORDING –Scaffolding (sidewalk protection)



Walkthrough Scaffolding (sidewalk protection) – Lighting Design



DRAWING SETS ISSUED ISSUED FOR PERMIT	No. 1	DATE (YY.MM.DD)	BY
ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED			
 PROJECT NORTH TRUE NORTH		 LICENSED PROFESSIONAL ENGINEER PROVINCE OF ONTARIO	
DRAWING SHEET TITLE			
HOARDING PHOTOMETRICS			
DRAWING SCALE: 1:100		PROJECT NUMBER	
DRAWN BY:	CHECKED BY:	DRAWING SHEET NUMBER	
DRAWING VERSION:		EC-1	
PLOT DATE:			

HORDING – Walkthrough Scaffolding (sidewalk protection)



CONSTRUCTION MANAGEMENT PLAN

AERIAL/CRANE ENCROACHMENTS



CONSTRUCTION MANAGEMENT PLAN

Crane Encroachment – Flying Objects



CONSTRUCTION MANAGEMENT PLAN

DUST CONTROL PLAN

- Access Road/Ramp, Mud Mats, Street sweeping



20

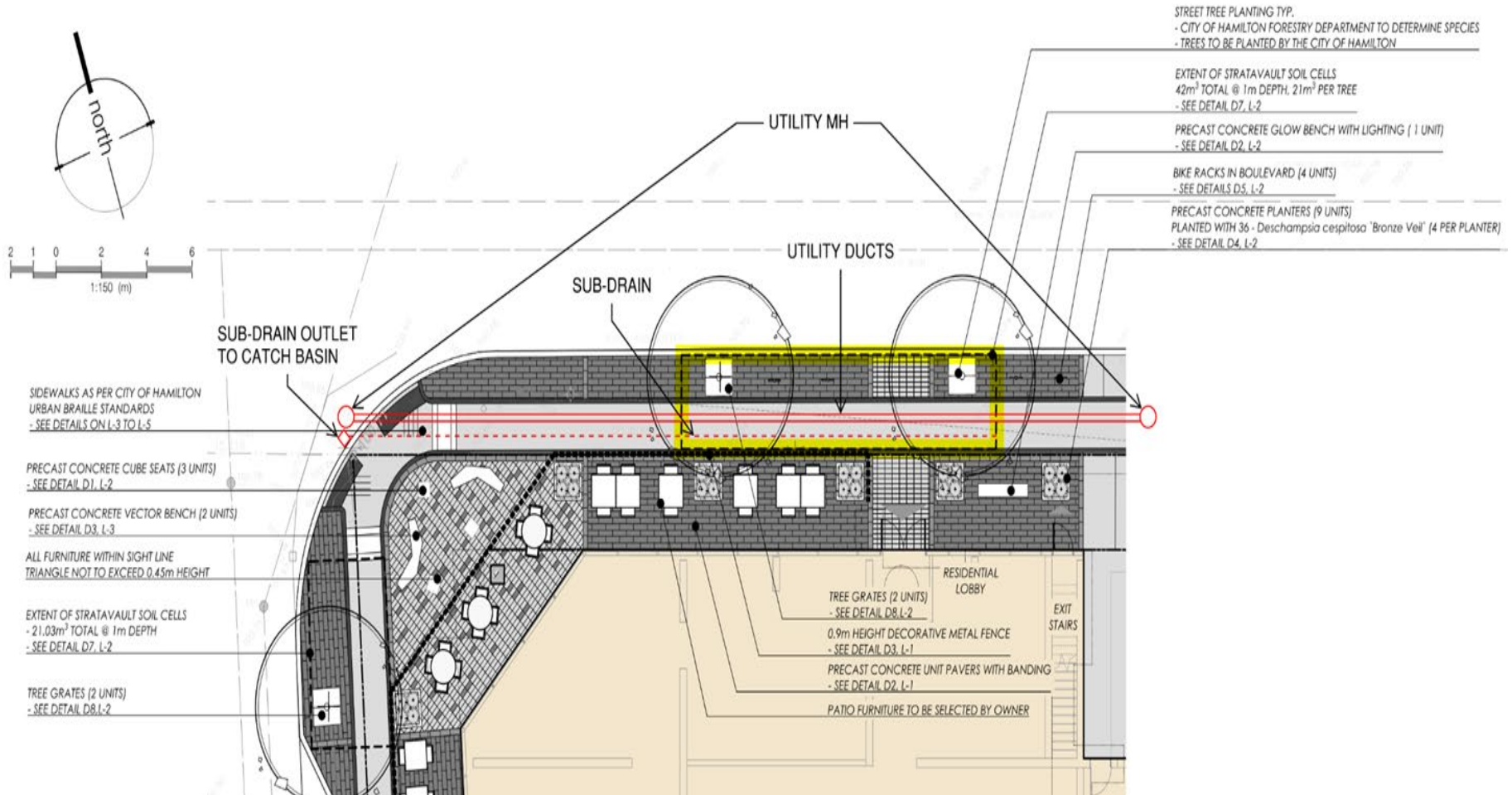
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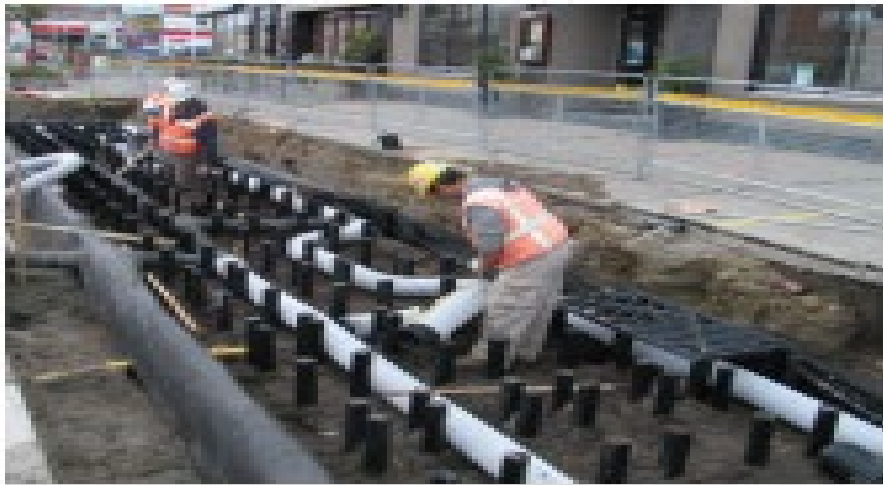
DUST CONTROL PLAN

- Access Road/Ramp, Mud Mats, Street sweeping



Soil cells - Tree Planting



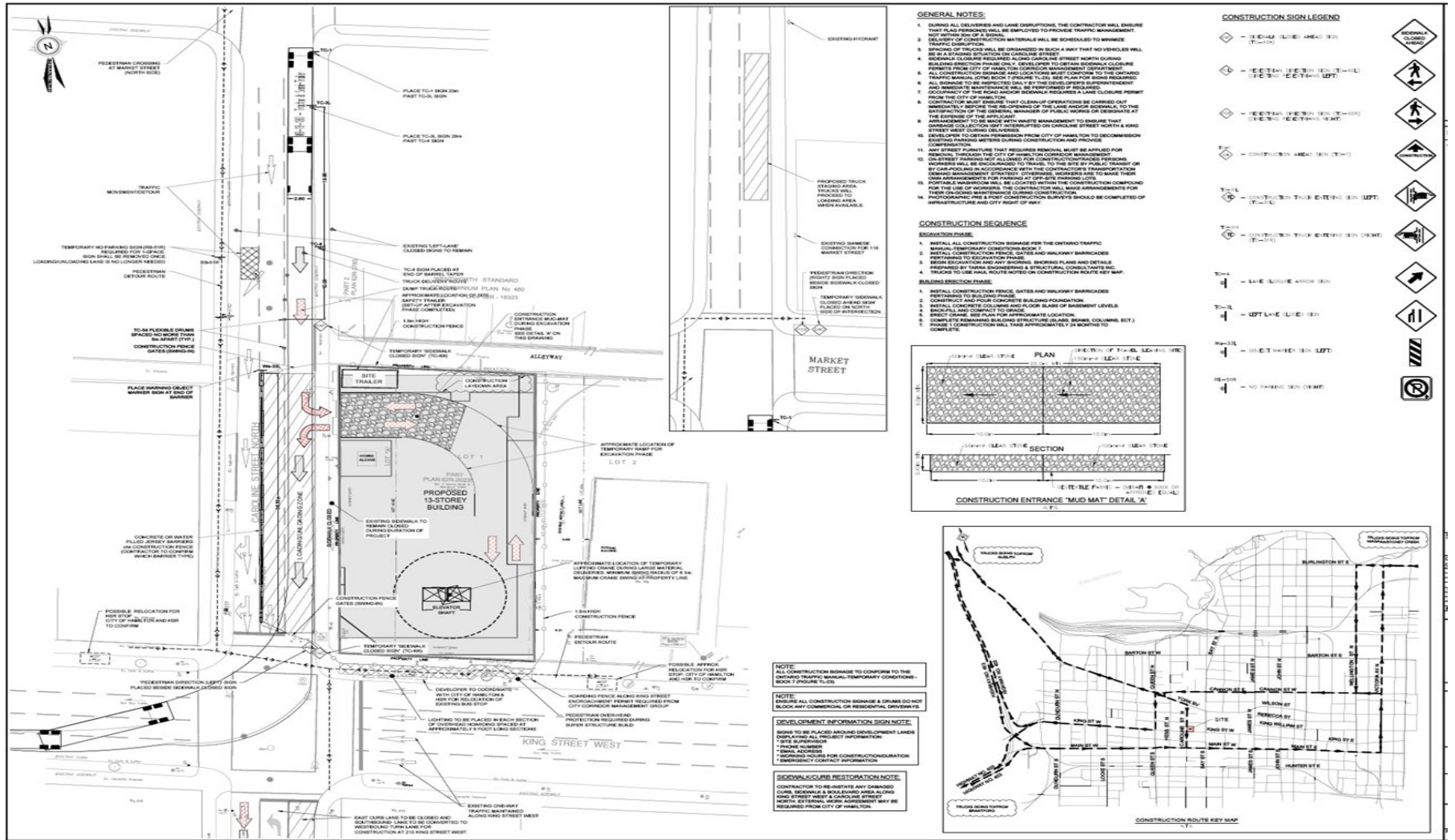




TRAFFIC MANAGEMENT PLAN

- **How to access the site**
- **Detour Plans**
- **Parking Management Plan for staff/workers**
- **Signs and Safety Measures**
- **Lane closures, sidewalk closures, etc.**

TRAFFIC MANAGEMENT PLAN



PUBLIC COMMUNICATION PLAN

- **Inform the Ward Councillor**
- **Business Community and surrounding residence**
- **Emergency response unit/agencies – Fire, Police, Ambulance**
- **Builders website – Construction updates and contact information**
- **Transit**
- **Working hours**
- **Construction Schedule**
- **Preconstruction Meeting and Approvals**

Questions or Comments?