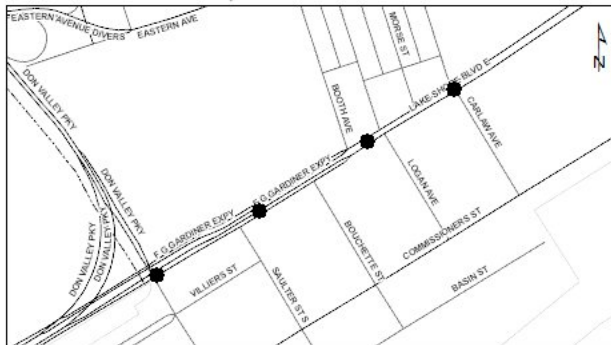


## WATERFRONT TORONTO

To construct, reconstruct, erect or place a building or structure, site grade, temporarily or permanently place, dump or remove any material originating on the site or elsewhere and alter a watercourse on Lake Shore Boulevard East, between Carlaw Avenue and the Don Roadway, in the City of Toronto (Toronto and East York Community Council Area), Waterfront Watershed as located on property owned by the City of Toronto, Ports Toronto and CreateTO.

The purpose is to reconstruct the Lake Shore Boulevard bridge located over the mouth of the Don River, widen Lake Shore Boulevard from the Don Roadway to Carlaw Avenue, relocate the rail spur line, remove the Gardiner Logan ramps and construct the public realm associated with this area, in the City of Toronto. These are enabling works associated with the redevelopment of the Toronto Port Lands Flood Protection and Don Mouth Naturalization project and the Gardiner Expressway and Lake Shore Boulevard Reconfiguration work.

MAP LOCATION: CFN 65394 Board Map



The permit will be issued for the period of September 2, 2021 to September 1, 2023 in accordance with the following documents and plans which form part of this permit:

- **Drawing LSA-C001; General Notes; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;**
- **Drawing LSA-C002; Siltation and Erosion Control Plan; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;**
- **Drawing LSA-C100; Removals Utility Services, STA. 9+830 to STA. 9+925; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;**
- **Drawing LSA-C101; Removals Utility Services, STA. 9+935 to STA. 10+110; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;**
- **Drawing LSA-C102; Removals Utility Services, STA. 10+110 to STA. 10+291; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;**
- **Drawing LSA-C103; Removals Utility Services, STA. 10+291 to STA. 10+473; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;**
- **Drawing LSA-C104; Removals Utility Services, STA. 10+473 to STA. 10+650; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;**

- Drawing LSA-C105; Removals Utility Services, STA. 10+650 to STA. 10+820; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C106; Removals Utility Services, STA. 10+820 to STA. 10+880; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C107; Removals Road, STA. 9+804 to STA. 9+935; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C108; Removals Road, STA. 9+935 to STA. 10+110; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C109; Removals Road, STA. 10+110 to STA. 10+291; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C110; Removals Road, STA. 10+291 to STA. 10+473; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C111; Removals Road, STA. 10+473 to STA. 10+650; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C112; Removals Road, STA. 10+650 to STA. 10+820; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C113; Removals Road, STA. 10+820 to STA. 10+958; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C114; Removals Gardiner Ramp, STA. 9+847 to STA. 9+985; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C115; Removals Gardiner Ramp, STA. 9+985 to STA. 10+160; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C116; Removals Gardiner Ramp, STA. 10+160 to STA. 10+340; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C117; Removals Gardiner Ramp, STA. 10+340 to STA. 10+510; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C200; New Construction, STA. 9+804 to STA. 9+965; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C201; New Construction, STA. 9+965 to STA. 10+125; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C202; New Construction, STA. 10+125 to STA. 10+285; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C203; New Construction, STA. 10+285 to STA. 10+445; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;

- Drawing LSA-C204; New Construction, STA. 10+445 to STA. 10+605; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C205; New Construction, STA. 10+605 to STA. 10+765; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C206; New Construction, STA. 10+765 to STA. 10+910; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C207; New Construction – Watermain Relocation North of Lakeshore Blvd. E.; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C208; New Construction – Storm System Layout, STA. 9+950 to STA. 10+310; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C209; New Construction – Storm System Layout, STA. 10+310 to STA. 10+670; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C210; New Construction – Storm System Layout, STA. 10+670 to STA. 10+960; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C300; Typical Sections, STA. 9+900; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C301; Typical Sections, STA. 10+220; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C302; Typical Sections, STA. 10+620; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C303; Catchbasin Details, CB 2; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C304; Catchbasin Details, CB 5 to CB 8; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C305; Catchbasin Details, CB 9 to CB 12; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C306; Catchbasin Details, CB 13 to CB 16; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C307; Catchbasin Details, CB 17 to CB 20; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C308; Catchbasin Details, CB 21 to CB 24; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C309; Catchbasin Details, CB 25 to CB 28; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C310; Catchbasin Details, CB 29 to CB 32; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;

- Drawing LSA-C311; Catchbasin Details, CB 33 to CB 36; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C312; Catchbasin Details, CB 37 to CB 40; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C313; Catchbasin Details, CB 41 to CB 44; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C314; Catchbasin Details, CB 45 to CB 48; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C315; Typical Catch Basin Details – Connection to Soil Cell & Planting Area; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C316; Catch Basin Overflow Connection to Storm Sewer, Details; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C317; Soil-Cell Connection to Storm Sewer Details; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C318; Planting Area Connection to Storm Sewer Details; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C319; Planting Area Drain Details; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C320; Soil-Cell Drain Details; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C321; Soil-Cell Drain Details; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C322; Monitoring Well Detail; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C400; Rail Road Crossing Details: 300Ø Watermain at Saulter Street; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C401; Rail Road Crossing Details: 300Ø Watermain at Booth Avenue; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C402; Rail Road Crossing Details: 400Ø Watermain at Logan Avenue; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C403; Rail Road Crossing Details: 300Ø Watermain at Logan Avenue; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C404; Rail Road Crossing Details: 150Ø Watermain at Morse Street; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C405; Rail Road Crossing Details: 300Ø Watermain at Carlaw Avenue; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;

- Drawing LSA-C406; Rail Road Crossing Details: 300Ø Sanitary Sewer East of Don Roadway; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C407; Rail Road Crossing Details: 525Ø Storm Sewer East of Don Roadway; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C500; River Excavation Sections Under Lakeshore Bridge; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C700; City of Toronto Standard Drawings; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C701; City of Toronto Standard Drawings; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C702; City of Toronto Standard Drawings; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C703; Ontario Provincial Standard Drawings; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C704; City of Toronto Standard Drawings and OPSD; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C800; Design Sections, STA. 9+825 to STA. 9+850; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C801; Design Sections, STA. 9+875 to STA. 9+900; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C802; Design Sections, STA. 9+925 to STA. 9+950; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C803; Design Sections, STA. 9+975 to STA. 10+000; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C804; Design Sections, STA. 10+025 to STA. 10+050; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C805; Design Sections, STA. 10+075 to STA. 10+100; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C806; Design Sections, STA. 10+125 to STA. 10+150; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C807; Design Sections, STA. 10+175 to STA. 10+200; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C808; Design Sections, STA. 10+225 to STA. 10+250; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;

- Drawing LSA-C809; Design Sections, STA. 10+275 to STA. 10+300; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C810; Design Sections, STA. 10+325 to STA. 10+350; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C811; Design Sections, STA. 10+375 to STA. 10+400; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C812; Design Sections, STA. 10+425 to STA. 10+450; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C813; Design Sections, STA. 10+475 to STA. 10+500; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C814; Design Sections, STA. 10+525 to STA. 10+550; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C815; Design Sections, STA. 10+575 to STA. 10+600; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C816; Design Sections, STA. 10+625 to STA. 10+650; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C817; Design Sections, STA. 10+675 to STA. 10+700; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C818; Design Sections, STA. 10+725 to STA. 10+750; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C819; Design Sections, STA. 10+775 to STA. 10+800; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C820; Design Sections, STA. 10+825 to STA. 10+850; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-C821; Design Sections, STA. 10+875; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-101; Key Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-110; Landscape Removal and Protection Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-111; Landscape Removal and Protection Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-112; Landscape Removal and Protection Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-113; Landscape Removal and Protection Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;

- Drawing LSA-L-114; Landscape Removal and Protection Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-115; Landscape Removal and Protection Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-116; Landscape Removal and Protection Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-117; Landscape Removal and Protection Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-118; Landscape Removal and Protection Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-119; Landscape Removal and Protection Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-120; Landscape Removal and Protection Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-200; Materials Plan Legend; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-201; Materials Plan, Lake Shore Blvd E – Keating Channel to Don Roadway; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-202; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; received by TRCA on June 16, 2021;
- Drawing LSA-L-203; Materials Plan, Lake Shore Blvd E – B/W Don Roadway and Saulter Street; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-204; Materials Plan, Lake Shore Blvd E – At Saulter Street; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-205; Materials Plan, Lake Shore Blvd E – B/W Saulter Street and Bouchette Street; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-206; Materials Plan, Lake Shore Blvd E – B/W Saulter Street and Bouchette Street; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-207; Materials Plan, Lake Shore Blvd E – B/W Bouchette Street and Logan Avenue; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-208; Materials Plan, Lake Shore Blvd E – B/W Bouchette Street and Logan Avenue; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-209; Materials Plan, Lake Shore Blvd E – B/W Logan Avenue and Carlaw Avenue; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-210; Materials Plan, Lake Shore Blvd E – B/W Logan Avenue and Carlaw Avenue; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;

- Drawing LSA-L-300; Layout Plan Legend; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-301; Layout Plan, Lake Shore Blvd E – Keating Channel to Don Roadway; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-302; Layout Plan, Lake Shore Blvd E – B/W Don Roadway and Saulter Street; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-303; Layout Plan, Lake Shore Blvd E – B/W Don Roadway and Saulter Street; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-304; Layout Plan, Lake Shore Blvd E – At Saulter Street; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-305; Layout Plan, Lake Shore Blvd E – B/W Saulter Street and Bouchette Street; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-306; Layout Plan, Lake Shore Blvd E – B/W Saulter Street and Bouchette Street; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-307; Layout Plan, Lake Shore Blvd E – B/W Bouchette Street and Logan Avenue; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-308; Layout Plan, Lake Shore Blvd E – B/W Bouchette Street and Logan Avenue; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-309; Layout Plan, Lake Shore Blvd E – B/W Logan Avenue and Carlaw Avenue; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-310; Layout Plan, Lake Shore Blvd E – B/W Logan Avenue and Carlaw Avenue; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-400; Planting Schedule and Legend; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-401; Tree Planting Plans; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-402; Tree Planting Plans; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-403; Tree Planting Plans; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-404; Tree Planting Plans; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-405; Tree Planting Plans; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;



- [illegible]

- [illegible]

- [illegible]

- Drawing LSA-L-606; Grading Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-607; Grading Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-608; Grading Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-609; Grading Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-610; Grading Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-700; Intersection Plans Legend; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-701; Enlargement Plans, Don Roadway Intersection; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-702; Intersection Plans; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-703; Intersection Plans; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-704; Intersection Plans; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-705; Intersection Plans; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-706; Intersection Plans; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-802; Section B1, Lakeshore Blvd – Don Roadway to Future Road West of Saulter Street; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-803; Section C1, Lakeshore Blvd – Future Road West of Saulter Street to Bouchette Street; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-804; Section D1; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-805; Section E1; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-806; Section F1; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-807; Section G1; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-808; Section H1; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;

- Drawing LSA-L-809; Section I1; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-810; Section J1; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-811; Section K1; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-812; Section L1; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-813; Section M1; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-901; Paving Details; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-902; Paving Details; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-903; Curb Details; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-904; Planting Details; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-905; Planting Details; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-906; Planting Details; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-907; Lighting and Furnishing Details; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-908; Stair, Handrail and Wall Details; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-909; Curb Cut Details; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-910; Symbols Details; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-920; Pocket Park Plan; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-921; Pocket Park Sections; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-922; Pocket Park Details; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-923; Pocket Park Details; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;

- Drawing LSA-L-924; Pocket Park Details; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSA-L-925; Pocket Park Details; prepared by Entuitive, West 8 and The Planning Partnership on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on June 16, 2021;
- Drawing LSR-D110; Bridge Demolition Plan; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-S100; General Arrangement; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-S200; Bridge Span 1 Details; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-S201; Bridge Span 1 Details; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-S210; Bridge Span 2 Details; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-S220; Bridge Span 3 Details; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-221; Bridge Span 3 Details; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-223; Track Fastener Details; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-T001; Port Lands Track Realignment Sheets, Plan and Profile Sheet 1; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-T002; Port Lands Track Realignment Sheets, Plan and Profile Sheet 2; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-T003; Port Lands Track Realignment Sheets, Plan and Profile Sheet 3; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-T004; Port Lands Track Realignment Sheets, Plan and Profile Sheet 4; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-T005; Port Lands Track Realignment Sheets, Plan and Profile Sheet 5; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-T006; Port Lands Track Realignment Sheets, Plan and Profile Sheet 6; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-T007; Port Lands Track Realignment Sheets, Plan and Profile Sheet 7; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSR-T100; Port Lands Track Realignment Sheets, Typical Sections; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S100; General Arrangement, Roadway Bridge I; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S101; General Arrangement, Roadway Bridge II; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S103; Construction Stage Sequence Plans – Stage B1; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;

- Drawing LSA-S104; Construction Stage Sequence Plans – Stage B2; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S105; Construction Stage Sequence Plans – Stage B3; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S106; Construction Staging Sections; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S201; Existing West Abutment – Removals I; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S202; Existing West Abutment – Removals II; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S203; Existing Pier Removals; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S204; Existing East Abutment – Removals; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S210; Foundation Plan and Caisson Details; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S211; West Abutment Foundations I; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S213; West Pier Foundations I; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S215; Centre Pier Foundations I; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S216; Centre Pier Foundations II; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S217; East Pier Foundation; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S218; East Abutment Foundations; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S219; Dock Wall Foundation; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S220; West Abutment Substructure; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S221; West Pier Substructure; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S222; Centre Pier Substructure; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S223; East Pier Substructure; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S224; East Abutment Substructure, Details; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S225; Bearing Pedestal Details; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S226; Northwest Wingwall; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S227; Northeast Wingwall; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S228; Southeast Wingwall; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S300; Bearings; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S301; Prestressed Girder Layout; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;

- Drawing LSA-S302; Prestressed Girders I; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S303; Prestressed Girders II; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S410; Deck Layout I; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S411; Deck Layout II; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S412; Deck Reinforcing I; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S413; Deck Reinforcing II; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S414; Approach Slabs; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S415; Rail Bridge Approach Slab; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S422; Expansion Join and Sleeper Slab; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S423; Sequence of Expansion Joint Installation; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S424; Strip Seal Expansion Joint – Type 'C'; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S600; Parapet Wall I; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S602; Parapet Wall Railing; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S700; Standard Details; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S900; Utilities Bridge – General Arrangement; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S901; Utilities Bridge Details; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S902; Utilities Bridge Details; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-S903; Reinforced Concrete Duct Bank Details; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-D100; Demolition Drawings; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-D101; Demolition Roadway and Railway Sections; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-D102; Demolition Roadway and Railway Sections; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Drawing LSA-D201; Site Preparation; prepared by Entuitive on behalf of Waterfront Toronto; dated May 31, 2021; received by TRCA on August 12, 2021;
- Letter of Commitment; prepared by Waterfront Toronto; dated August 24, 2021; received August 24, 2021;
- Drawing LSA-C107; Removals Road, STA. 9+804 to STA. 9+935; prepared by Entuitive and Planmac Engineering Inc. on behalf of Waterfront Toronto; dated December 17, 2020; received by TRCA on August 11, 2021;
- Drawing L200; Grading Plan; prepared on behalf of Waterfront Toronto; dated June 15, 2021; received by TRCA on August 11, 2021;



- **6.11 Adverse Weather Conditions Response Protocols; (1 Page); prepared by Ellis Don; received by TRCA on August 11, 2021;**
- **9.13 Working In Poor Weather Conditions; (1 Page); prepared by Ellis Don; received by TRCA on August 11, 2021;**
- **9.14 Working Over and Around Water; (1 Page); prepared by Ellis Don; received by TRCA on August 11, 2021.**

### **Application-Specific Permit Conditions**

A minimum of three (3) weeks prior to the start of construction, the Proponent must submit engineer stamped final drawings for the temporary dockwall work which have been signed and stamped by a professional to the satisfaction of TRCA. Once the drawings have been approved, a TRCA permit revision will be issued. Construction of the temporary dockwall must not begin prior to issuance of the permit revision.

A minimum of three (3) weeks prior to the start of construction, the Proponent must submit final drawings for the erosion and sediment control measures to be implemented, including but not limited to isolation measures for work in or near water to the satisfaction of TRCA. Once the drawings have been approved, a TRCA permit revision will be issued. Construction of the bridge must not begin prior to issuance of the permit revision.

A minimum of three (3) weeks prior to the scheduled start of construction, the Proponent must submit a detailed flood contingency/emergency response plan for any in or near water work during a rain event demonstrating how risks to workers/on-site personnel and equipment from flooding (e.g., resulting from ice jams, storms, etc.) during construction will be minimized and/or avoided. Once the plan has been approved, a TRCA permit revision will be issued. Construction in or near water must not begin prior to issuance of the permit revision.

A minimum of three (3) weeks prior to the scheduled start of construction, the Proponent must submit detailed plans for any in-water work and confirm that there will be no increases to flood levels during interim (construction) conditions to the satisfaction of TRCA. Once the drawings have been approved, a TRCA permit revision will be issued. In-water construction must not begin prior to issuance of the permit revision.

A minimum of three (3) weeks prior to the start of construction, the Proponent must submit final drawings and supporting documentation for the Don Roadway and Lake Shore Boulevard East (LSBE) intersection design once available to the satisfaction of TRCA. Once the drawings have been approved, a TRCA permit revision will be issued. Construction at the Don Roadway and LSBE intersection must not begin prior to issuance of the permit revision.

The Proponent must strictly adhere to the approved design drawings and reports, including any TRCA redline revisions, to the satisfaction of TRCA. The Proponent acknowledges that all proposed revisions to the design of this project that may impact TRCA interests must be submitted for review and approval by TRCA prior to implementation of the re-designed works.

### **RATIONALE**

The application was reviewed by staff on the basis of the following information:

#### **Proposal:**

Currently, 290 hectares of urban land east and south of the Don River are subject to risk of flooding from the Don River during a Regulatory Storm event. This includes portions of the Port Lands, South Riverdale, Leslieville and Cadillac Fairview lands. The [Don Mouth Naturalization](#)

[and Port Lands Flood Protection Environmental Assessment](#) (PLFP) identified major municipal infrastructure (bridges, roads, underground services) needed to enable flood protection and unlock development in this area. At the same time studies were underway to find a design solution for the aging infrastructure associated with the elevated section of the Gardiner Expressway and Lake Shore Boulevard East to improve connectivity to Toronto's downtown waterfront, support the PLFP project and balance transportation modes through the [Gardiner Expressway and Lake Shore Boulevard Reconfiguration Environmental Assessment](#) (2016). The preferred design through the Environmental Assessment (EA) identified maintaining the existing elevated expressway between Lower Jarvis Street and Cherry Street and rebuilding the Gardiner-Don Valley Parkway (DVP) connection along an alignment further north, closer to the rail corridor. The design also includes reconfiguring the Gardiner Expressway east of Cherry Street, removing the elevated structure along the eastern waterfront and constructing a landscaped six-lane boulevard including sidewalks on the north and south sides of Lake Shore Boulevard and a bike path on the north side of the road. These public realm improvements extend across the Lake Shore Bridge.

As such, the proposed work associated with this permit combines elements of the Gardiner East project with the PLFP project for the area of the Lower Don to deliver the following modifications to the Lake Shore Boulevard Bridge, Gardiner Expressway and Lake Shore Boulevard:

- Constructing two new spans to extend the Lake Shore Boulevard Bridge to accommodate the future widening of the mouth of the Don River.
- Replacing the two existing spans of Lake Shore Boulevard Bridge and rehabilitating the existing pier and abutments.
- Demolishing the elevated structure of the Gardiner Expressway from east of Cherry Street to the eastern end of the Gardiner Expressway (Logan ramps).
- Demolishing and reconstructing the existing rail bridge north of the Lake Shore Boulevard bridge.
- Relocating utilities from the existing rail bridge to the new Lake Shore Bridge to accommodate extension of this structure.
- Realigning/widening Lake Shore Boulevard from the Don Roadway to Carlaw Avenue.
- Constructing new landscaping, pedestrian and cycling facilities on the Lake Shore Boulevard Bridge and Lake Shore Boulevard from the Don Roadway to Carlaw Avenue.
- Shifting the existing rail tracks east of the Don Roadway to the centre median of Lake Shore Boulevard with a connection to the existing tracks at approximately Carlaw Avenue.

### **Gardiner Expressway Ramp Removal**

The Gardiner Expressway ramps will be removed from just west of the Don River to the eastern end of the Gardiner Expressway. Removal of the Gardiner/Logan ramps prior to the start of construction at the Lake Shore Boulevard East bridge will significantly increase the efficiency and safety of construction. Due to proximity of the works required for the Lake Shore Boulevard bridge footings located adjacent to the existing ramp footings, if the existing ramps are not removed prior to start of construction, underpinning of the Gardiner ramps and monitoring of the ramps stability would be required with additional costs. The existing ramps also complicate the installation of the foundations for the new bridge spans due to low overhead clearance by the ramps if not removed. The ramps also limit access for cranes to install bridge girders and other related structural elements required for the bridge extension. Safety of workers will also be increased through ramp removal.

### **Lake Shore Boulevard and Bridge**

Reconstruction of the Lake Shore Boulevard East bridge is a critical component of the design for flood protection in this area. The current width of the Don River mouth over which the Lake Shore Boulevard East bridge and rail bridge traverses act as a pinch point restricting the passage of water within the Don River. This proposal involves widening the existing bridge through the construction of two additional bridge spans (approximately 24 m in width each) on the west side of the existing bridge to accommodate the future widening of the Don River at this location (widening of the Don River is being reviewed through a separate permit application and through permit revisions associated with this permit). In addition, the Gardiner East design requires that the Lake Shore Boulevard bridge be widened to accommodate the expected increase in traffic resulting from the planned removal of the overhead Gardiner/Logan ramps. As such, the existing two spans currently used to convey flows from the Don River will be extended to accommodate the widened bridge structure in order to achieve the flood protection objectives of the PLFP EA, the expanded public realm infrastructure (cycling and pedestrian infrastructure), 3 lanes of traffic in each direction with additional left turning lanes at intersections, the Harbour Lead Rail Line and space to accommodate relocated utilities. The new bridge will also be designed to prevent ice build-up on the bridge piers to reduce the risk of an ice jam in the future Sediment and Debris Management Area (under separate review) and improve conveyance of ice flows to the future Ice Management Area and Keating Channel located south of the bridge. A new 300 to 400 mm diameter watermain will also be constructed within the road alignment. Plans for the temporary dockwalls (required for construction) and plans for the Don Roadway and Lake Shore Boulevard intersection still need to be provided and are covered under the additional conditions associated with this permit.

### **Harbour Lead Rail Line Relocation**

As noted above, the existing Harbour Lead Rail Line will be removed and relocated to the newly widened Lake Shore Boulevard bridge. East of the bridge, between the Don Roadway to Carlaw Avenue the track will be upgraded to meet current safety standards and relocated to the middle of Lake Shore Boulevard within a dedicated median. The relocation will begin immediately east of the Don Roadway where it will transition to the median until it crosses Carlaw Avenue, where it will tie into the existing track that is already located within the median of Lake Shore Boulevard. To accommodate the median, the westbound lanes and public realm north of Lake Shore Boulevard will shift north into the land that is made available by the relocation of the track.

The rail spur line at the Keating Rail Yards previously served Toronto Water's Ashbridges Bay Treatment Plant, as well as two employment sites in the Port Lands. Due to multiple capital works projects in the area, the spur line has not been in service since 2018 and as such Toronto Water is now supporting its Ashbridges Bay operations through the use of trucks. When operational, use of this spur line has been relatively infrequent and typically only at night. Waterfront Toronto's design for the Lake Shore Boulevard Bridge assumes that the spur line will remain in its existing location where it crosses the Don River.

### **Public Realm**

This project will deliver significant public realm improvements and connections that respond to community needs. It will also enable development of the [Keating Channel Precinct](#), a plan that envisions mixed-use development complete with parks and a waterside promenade generally located on both sides of the Keating Channel.

Widening the Lake Shore Boulevard Bridge will allow for the reconstruction of the intersection of Lake Shore Boulevard East and the Don Roadway. This intersection is currently challenging for

pedestrians to navigate and presents a potential safety issue. As part of the PLFP project, the pedestrian bridge north of the Lake Shore Boulevard Bridge will also be removed. The replacement for this critical east-west cycling connection is ultimately captured in the reconstructed Lake Shore Boulevard Bridge. Public realm improvements will include bi-directional protected cycling lanes, generous sidewalks with landscaping and planted buffers and pocket parks/social seating areas adjacent to the cycling lanes on the north side of the road.

### **Timing**

It is expected that construction will begin with the removal of the Gardiner/Logan ramps and that work related to this permit including the bridge, relocation of the rail spur line and widening of Lake Shore Boulevard East will be completed by December 2024.

### **Control of Flooding:**

Although the site is currently within the Don River flood plain, the proposed works are not anticipated to impact flooding, flood storage or conveyance of flood waters. The goal of the PLFP project is to address current flood risk thereby protecting the Port Lands and adjacent areas for future development and from potential loss of life and costly flood damage. It is anticipated that flow conveyance through the bridge will be improved as a result of this work. As requested by TRCA staff through the permit conditions associated with this permit, the Proponent must also submit a detailed flood contingency/emergency response plan for any in or near-water work during rain events. The Proponent must also submit detailed plans for any in-water work with confirmation that there will be no increases to flood levels during interim (construction) conditions to the satisfaction of TRCA, prior to the start of work.

### **Pollution:**

Erosion and sediment control measures will be installed prior to construction and maintained for its duration. These measures are being implemented to prevent the release of construction generated sediment into the Don River. As requested by TRCA staff through the permit conditions associated with this permit, the Proponent must also submit final plans for the erosion and sediment control measures to the satisfaction of TRCA, prior to the start of work.

### **Dynamic Beaches:**

Not applicable.

### **Erosion:**

No geotechnical/slope stability issues have been identified.

### **Conservation of Land:**

Where impacts to local fish populations may occur during their spawning, nursery and migratory periods, construction timing windows should apply to in-water/near-water activities. The proponent/contractor should confirm applicability and dates with appropriate provincial and federal agencies.

### ***Plantings***

Through the public realm work the reconfigured Lake Shore Boulevard from approximately the Lake Shore Boulevard Bridge eastward will be reconfigured with landscaping and planter buffers. Approximately 725 trees and large shrubs as well as approximately 868 smaller shrubs, over 190,000 plugs and over 15,000 bulbs. A network of storm sewers within this redesigned road will direct stormwater to soil/planting cells along Lake Shore Boulevard. Landscaping and water holding capacity

was coordinated with the landscape architect and connections to the cells will be via road catch basins.

Policy Guidelines:

This proposal complies with Section 8.8 Interference with a Watercourse and Section 8.9 Infrastructure Policies of The Living City Policies for Planning and Development in the Watersheds of the Toronto and Region Conservation Authority.

**CFN: 65394 - Application #: 0834/21/TOR**

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