

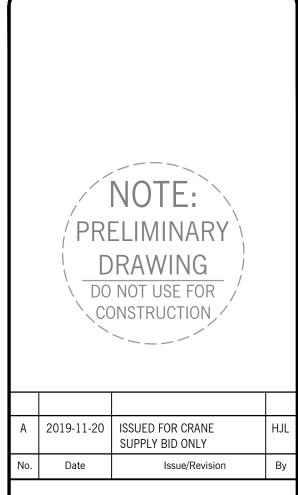
CRANE OPERATIONAL REQUIREMENTS:

1:300

- 1. LIFTING CAPACITY: 1000 LBS
- 2. THE NEW CRANE WILL SERVICE 10 HOIST BAYS.
- 3. OPERATING AREA: AS NOTED ON PLAN.
- 4. THE CRANE TRACKS SHALL BE CONNECTED TO THE TOP CHORD OF THE EXISTING OPEN-WEB STEEL TRUSSES AT PANEL POINTS LOCATED APPROXIMATELY 40' AND 55' FROM THE NORTH END OF THE TRUSSES.

KEY PLAN - NEW OVERHEAD CRANE

- 5. MAXIMUM SERVICE POINT LOAD APPLIED TO EXISTING STRUCTURE AT LOCATIONS NOTED IS NOT TO EXCEED 2,600 LB.
- 6. THE CRANE SYSTEM SHALL BE PROVIDED WITH TWO (2) 1000—LB CAPACITY BRIDGES EQUIPPED WITH ZONING CONTROLS TO PREVENT OVERLOADING OF THE CRANE SYSTEM OR THE SUPPORTING STRUCTURE.
- 7. THE CRANE SYSTEM SHALL BE OPERATED VIA WIRELESS CONTROL SYSTEM AND BE EQUIPPED WITH A PENDANT CONTROL WITH AN EMERGENCY STOP BUTTON.
- 8. THE CRANE SUPPLIER SHALL CONFIRM AVAILABLE ELECTRICAL CAPACITY AND PROVIDE FOR ELECTRICAL WORK REQUIRED TO SERVICE CRANE.
- 9. THE CRANE SUPPLIER SHALL MAXIMIZE HEADROOM BENEATH CRANE STRUCTURE AND IDENTIFY CLEARANCE WHEN SUBMITTING BID.
- 10. THE CRANE SUPPLIER SHALL SUBMIT A FULL PRODUCT SPECIFICATION FOR THE PROPOSED CRANE SYSTEM WITH ITS QUOTE FOR REVIEW BY WINNIPEG TRANSIT.



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CONSULTING STRUCTURAL ENGINEERS

Project

WINNIPEG TRANSIT GARAGE BUILDING

NEW OVERHEAD CRANE 421 OSBORNE STREET WINNIPEG, MANITOBA

Sheet Title

NEW OVERHEAD CRANE PLAN

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