



NOTE:  
PRELIMINARY  
DRAWING  
DO NOT USE FOR  
CONSTRUCTION



## KEY PLAN – NEW OVERHEAD CRANE

1 : 300

### CRANE OPERATIONAL REQUIREMENTS:

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.
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.

| A   | 2019-11-20 | ISSUED FOR CRANE SUPPLY BID ONLY | HJL |
|-----|------------|----------------------------------|-----|
| No. | Date       | Issue/Revision                   | By  |

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Project

**WINNIPEG TRANSIT  
GARAGE BUILDING**  
NEW OVERHEAD CRANE  
421 OSBORNE STREET  
WINNIPEG, MANITOBA

Sheet Title

NEW OVERHEAD CRANE PLAN

|          |           |           |            |
|----------|-----------|-----------|------------|
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| Design   | HJL       | Drawn     | L0L        |
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