



### LEGEND

- LDS — LAND DRAINAGE SYSTEM
- HYDRO
- PROPOSED CURB
- EXISTING ELEVATION
- EXTRAPOLATED EXISTING GRADE
- 32.300 PROPOSED SURFACE ELEVATION
- 32.300 PROPOSED SUBGRADE ELEVATION
- 1% SURFACE SLOPE
- 1% SUBGRADE SLOPE
- CATCH BASIN
- TC — TOP OF CURB
- TD — TOP OF DRAINAGE COURSE
- SG — SUBGRADE ELEVATION
- TF — TOP OF FIBER
- BC — BOTTOM OF CURB
- LIMIT OF REGRADING
- DRAIN TILE (PERFORATED DRAINAGE PIPE WITH SOCK)

- ### GRADING NOTES:
1. CONTRACTOR TO BE ADVISED THAT EXISTING GRADES ARE GIVEN AS INFORMATION ONLY AND SHOULD BE VERIFIED ON SITE. REPORT ANY DISCREPANCIES.
  2. ALL GRADING TO BE APPROVED BY CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
  3. REPORT ANY DISCREPANCIES TO CONTRACT ADMINISTRATOR PRIOR TO ANY CONSTRUCTION.
  4. ALL ELEVATIONS ARE METRIC
  5. REFER ALSO TO WRITTEN SPECIFICATIONS.
  6. ALL PROPOSED ELEVATIONS TO BE FINISHED ELEVATIONS.
  7. REFER TO LAYOUT PLAN FOR LAYOUT OF ALL CURBS, ISLANDS, ETC.
  8. EXISTING GRADE TO BE MAINTAINED AT ALL PROPERTY LINES AND LIMIT OF WORK LINE
  9. MAXIMUM 10% SLOPE IN GARDEN
  10. SODDED AREA SLOPES:
    - MAXIMUM 25%
    - MINIMUM 1%
  11. CONCRETE SLOPES:
    - MAXIMUM 5%
    - MINIMUM 1%
    - MAXIMUM CROSS SLOPE 2%
    - MAXIMUM 8.3% LONGITUDINAL SLOPE ON PATH
    - ANY DEVIATION FROM THE ABOVE SLOPES TO BE APPROVED BY CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION
  12. ENSURE POSITIVE DRAINAGE IN ALL AREAS TO CATCH BASINS AND CURB INLETS AS NOTED.
  13. CATCH BASINS, CURB INLETS, MANHOLES, FIRE HYDRANTS AND WATER VALVES TO BE ABANDONED OR ADJUSTED ARE TO BE TO CITY OF WINNIPEG SPECIFICATIONS.
  14. CONTRACTOR TO OBTAIN LOCATION OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. REPORT ANY DISCREPANCIES. CONTRACTOR TO BE ADVISED THAT LOCATIONS OF EXISTING SERVICES ARE GIVEN AS INFORMATION ONLY
  15. IF POWER EQUIPMENT IS TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
    - A) NOTIFY THE GAS COMPANY AND HYDRO COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
    - B) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY AND HYDRO COMPANY INSTALLATIONS.
  16. REFER TO SITE SERVICES PLANS REGARDING MANHOLES TO BE ABANDONED AND WATER VALVES TO BE ADJUSTED.
  17. ALL LDS PIPES AND CONNECTIONS TO EXISTING CB/MANHOLE TO MEET ALL CITY OF WINNIPEG REQUIREMENTS AND SPECIFICATIONS TO THE SATISFACTION OF PUBLIC WORKS PARKS.
  18. LOWERING CB RIM TO BE DONE IN ACCORDANCE WITH ALL CITY OF WINNIPEG REQUIREMENTS AND SPECIFICATIONS TO THE SATISFACTION OF PUBLIC WORKS PARKS.

No.	Revisions	Date	By
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SR	BB	SR	

**McGOWAN RUSSELL**  
 Client  
**CITY OF WINNIPEG**

Project Title  
**OLD EX EX PLAYGROUND PLAZA**

Sheet Title  
**GRADING PLAN**

Project No. 10-007 Drawing No. L2

