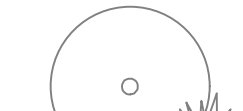





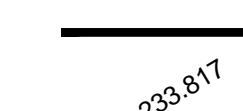
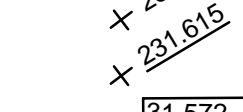
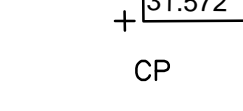
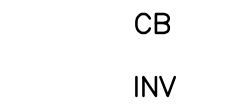
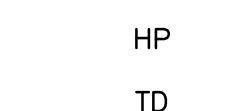
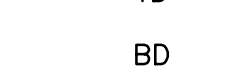







LEGEND

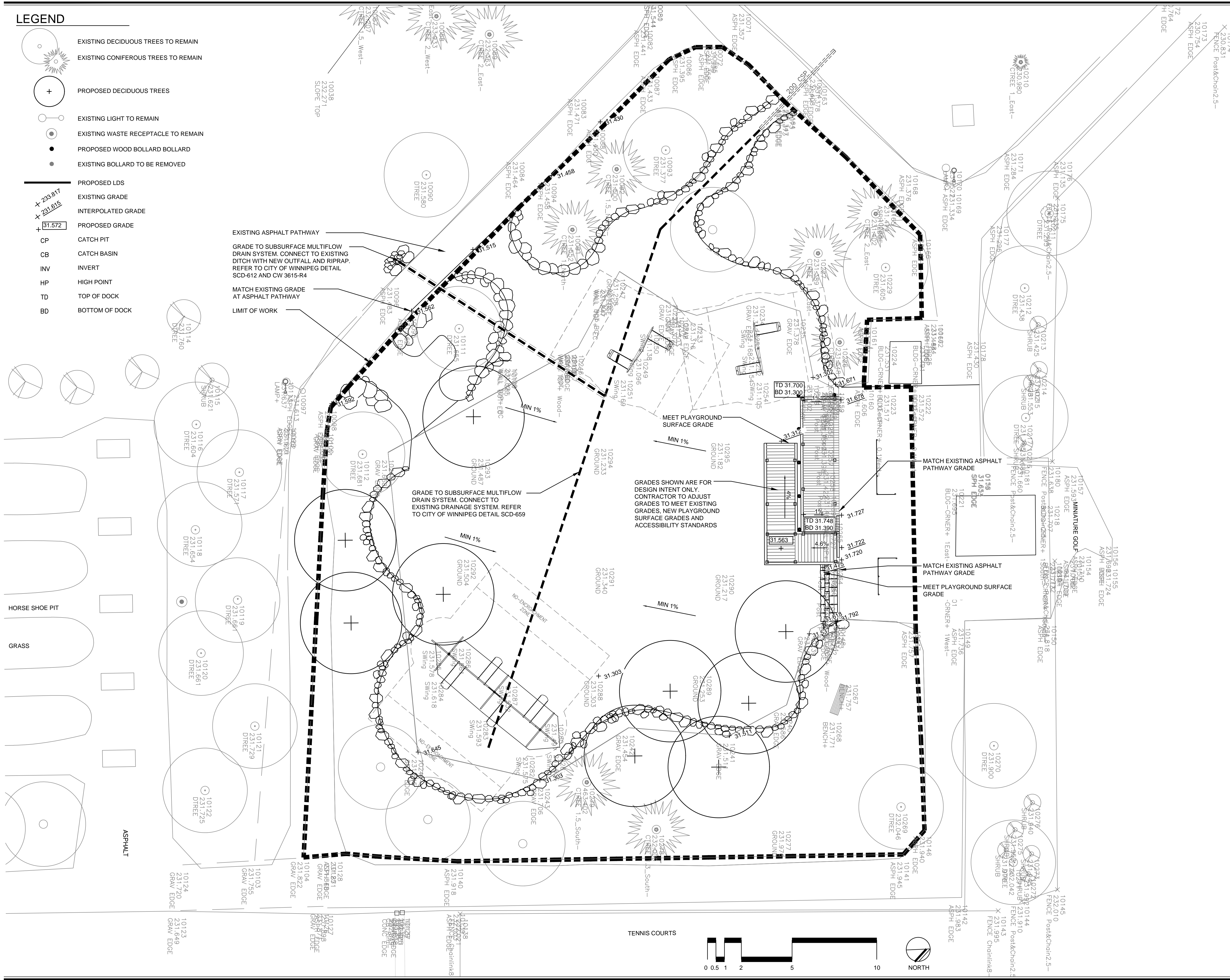
-  EXISTING DECIDUOUS TREES TO REMAIN
-  EXISTING CONIFEROUS TREES TO REMAIN
-  PROPOSED DECIDUOUS TREES
-  EXISTING LIGHT TO REMAIN
-  EXISTING WASTE RECEPTACLE TO REMAIN
-  PROPOSED WOOD BOLLARD BOLLARD
-  EXISTING BOLLARD TO BE REMOVED
-  PROPOSED LDS
-  EXISTING GRADE
-  INTERPOLATED GRADE
-  PROPOSED GRADE
-  CATCH PIT
-  CATCH BASIN
-  INVERT
-  HIGH POINT
-  TOP OF DOCK
-  BOTTOM OF DOCK

GRADING NOTES

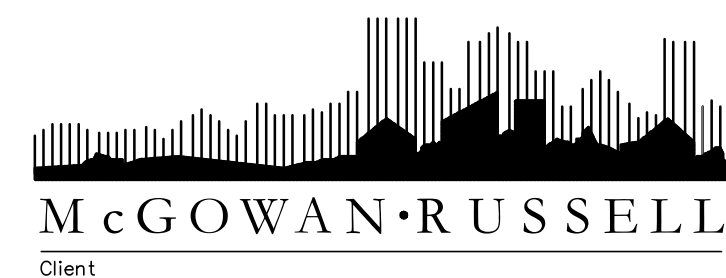
- CONTRACTOR TO BE ADVISED THAT EXISTING GRADES ARE GIVEN AS INFORMATION ONLY AND SHOULD BE VERIFIED ON SITE. REPORT ANY DISCREPANCIES TO CONTRACT ADMINISTRATOR PRIOR TO ANY CONSTRUCTION.
1. ALL GRADING TO BE STAKED AND APPROVED BY CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
 2. ALL ELEVATIONS ARE IN METERS.
 3. ALL PROPOSED ELEVATIONS TO BE FINISHED ELEVATIONS.
 4. REFER TO LAYOUT PLAN L1.1, FOR LAYOUT OF PATHWAYS, CURBS, SWALES, ETC.
 5. EXISTING GRADE TO BE MAINTAINED AT ALL PROPERTY LINES, LIMIT OF WORK LINE AND CITY SIDEWALKS.
 6. PATHWAY SLOPES:
 - MAXIMUM 5%
 - MINIMUM 2%
 - MAXIMUM CROSS SLOPE 2%
 - EXCEPT AS NOTED
 7. SOODED AREA SLOPES
 - MAXIMUM 25%
 - MINIMUM 2%
 8. PAVED AREA SLOPES:
 - MAXIMUM 5%
 - MINIMUM 1%
 9. ANY DEVIATION FROM THE ABOVE SLOPES TO BE APPROVED BY CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
 10. ENSURE POSITIVE DRAINAGE IN ALL AREAS TO CATCH BASINS AND CURB INLETS AS NOTED.
 11. CATCH BASINS, CURB INLETS, MANHOLES, FIRE HYDRANTS AND WATER VALVES TO BE ABANDONED OR ADJUSTED ARE TO BE TO CITY OF WINNIPEG SPECIFICATIONS.
 12. 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.
 13. 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.

GENERAL NOTES

1. CONTRACTOR TO VERIFY LOCATION AND TYPE OF ALL EXISTING BURIED UTILITIES.
2. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATION.
3. LDS SEWER PIPES TO BE PVC OR CONCRETE.
4. ALL TRENCH, MANHOLE AND CATCH BASIN BACKFILL FOR WATER, SEWER AND PVC CONDUIT INSTALLATIONS SHALL BE CLASS 2 BEDDING AND BACKFILL IN PAVEMENT AREAS AND CLASS 4 BACKFILL IN LANDSCAPED AREAS.
5. THE CONTRACTOR SHALL CLEAN AND VIDEO INSPECT ALL STORM AND SANITARY SEWERS PRIOR TO FINAL INSPECTION. THE CONTRACTOR SHALL SUBMIT (2) TWO COPIES OF THE WRITTEN REPORT AND VIDEO TO THE SITE SERVICING CONSULTANT.
6. ALL CATCH BASINS TO HAVE SUBDRAINS IN ACCORDANCE WITH THE DETAIL.
7. THIS DRAWING IS NOT TO BE USED FOR SURVEY LAYOUT.



2	ISSUED FOR TENDER	30-05-18	MN
1	REVISED FOR CITY REVIEW	22-05-18	MN
No.	Revisions	Date	By
Date		Scale	
23-04-2018		1:100	
Designed By	Drawn By	Checked By	
AH/MN	MN	AH	



CITY OF WINNIPEG
 Project Title
**HARBOURVIEW
 PLAYGROUND
 UPGRADES**
 Sheet Title
GRADING PLAN