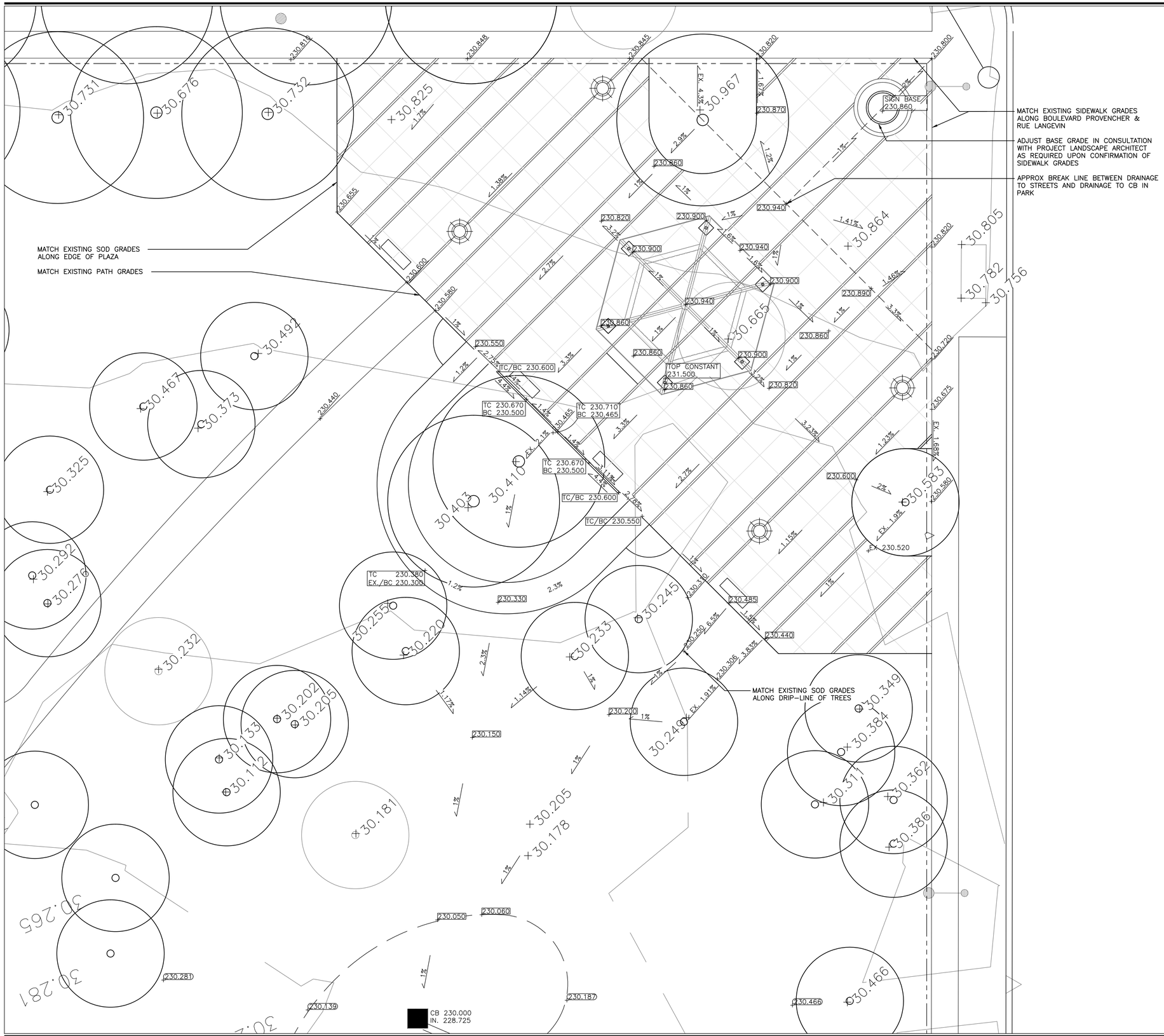

GRADING LEGEND

- PROPERTY LINE
- EXISTING CATCH BASIN TO REMAIN
- PROPOSED CATCH BASIN
- TC 230.710 / BC 230.465 — TOP OF CURB / BOTTOM OF CURB
- +30.233 — EXISTING GRADE
- 233.830 — PROPOSED GRADE
- x230.820 — EXTRAPOLATED GRADE
- (230.187) — GRADES FROM 'PROVENCHER PARK 2004'

GRADING NOTES

1. ALL ELEVATIONS SHOWN IN METRIC UNITS. NUMBERS WITH DECIMALS INDICATE METERS. WHOLE NUMBERS INDICATE MILLIMETERS.
2. ALL GRADING TO BE STAKED ON SITE FOR REVIEW AND APPROVAL BY CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
3. CONTRACTOR TO BE ADVISED THAT EXISTING GRADES ARE GIVEN AS INFORMATION ONLY AND SHOULD BE VERIFIED ON SITE. REPORT ANY DISCREPANCIES.
4. ALL PROPOSED ELEVATIONS TO BE FINISHED ELEVATIONS.
5. THE CONTRACTOR SHALL PROVIDE A QUALIFIED CREW TO LAYOUT SITE ELEMENTS. THE CREW SHALL BE EQUIPPED WITH ALL THE NECESSARY EQUIPMENT TO PROVIDE HORIZONTAL AND VERTICAL LAYOUT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
6. ALL GRADES TO BE CONFIRMED ON SITE PRIOR TO INSTALLATION OF LDS, REMOVALS AND EXCAVATION. ANY DISCREPANCIES TO BE REPORTED TO PROJECT LANDSCAPE ARCHITECT. GRADES AND TIM ELEVATIONS OF CATCHBASIN TO BE ADJUSTED AS REQUIRED.
7. MAINTAIN EXISTING GRADES AT ALL PROPERTY LINES AND LIMIT OF WORK LINES UNLESS OTHERWISE NOTED. ENSURE POSITIVE DRAINAGE IN ALL AREAS TO CATCH BASINS AND CURB INLETS AS NOTED.
8. SIDEWALK SLOPES:
   - MAXIMUM 5%
   - MINIMUM 1%
   - MAXIMUM CROSS SLOPE 2%

   EXCEPT AS NOTED.
9. SODDED AREA SLOPES:
   - MAXIMUM 25%
   - MINIMUM 1%

   ANY DEVIATION FROM THE ABOVE SLOPES TO BE APPROVED BY CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION
10. CONTRACTOR TO ADJUST GRADES OF ALL SERVICES WITHIN LIMIT OF WORK AS REQUIRED. REFER TO ENGINEER'S DRAWINGS AND SPECIFICATIONS FOR ALL MANHOLES, CATCH BASINS, FIRE HYDRANT, CURB STOPS, ETC. REMOVALS, RELOCATIONS AND ADJUSTMENTS.
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 IS RESPONSIBLE FOR ALL EXCAVATIONS, REMOVALS, DISPOSALS, AND ROUGH GRADING AS REQUIRED TO CONSTRUCT ALL WORKS AS SHOWN ON PLAN, DETAILS AND SPECIFICATIONS.
13. FILL ALL HOLES AND LOW AREAS TO DESIGN SUBGRADE WITH COMPACTED FILL (SUITABLE TO SURFACE FINISH) FOR SODDED/PLANTED AREAS USE COMPACTED CLEAN EARTH FILL SUITABLE FOR PLANT GROWTH. FOR PAVED AREAS USE COMPACTED GRANULAR BASE. REFER TO SPECIFICATIONS.
14. USE SPECIFIED BACKFILL IN ALL TRENCHES RUNNING BELOW ALL STRUCTURES, PAVING, WALKWAYS, ETC.
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. 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 AND THAT NEW SERVICES THAT HAVE BEEN RECENTLY INSTALLED ARE NOT SHOWN.
17. ALL EXISTING TREES, PLANTING BEDS, CURBS, SIDEWALKS, AND ROADS TO REMAIN TO BE PROTECTED DURING CONSTRUCTION TO CITY OF WINNIPEG STANDARDS. AREAS DAMAGED DURING CONSTRUCTION TO BE REPAIRED TO CITY OF WINNIPEG STANDARDS AT CONTRACTOR'S OWN COSTS.
18. FINISHED GRADE TO BE TOP OF MULCH GRADE IN ALL PLANTING BEDS.
19. ADJUST PLAZA GRADES IN CONSULTATION WITH PROJECT LANDSCAPE ARCHITECT AS REQUIRED UPON CONFIRMATION OF EXISTING SITE GRADES.
20. REFER ALSO TO WRITTEN SPECIFICATIONS.

No.	Revisions	Date	By

Date: 24-04-14
Scale: 1:100

Designed By: SR
Drawn By: MD
Checked By: SR

Seals

STEVEN L. RUSSELL
member no. 71

McGOWAN·RUSSELL

Client

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Project Title

PROVENCHER PARK UPGRADES

Sheet Title

PLAZA GRADING PLAN

Project No: 13-031
Drawing No: L2