



LEGEND

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|-------------------|-----------------------------|-----|--|
| | C.I.P. CONCRETE CURB | | EXISTING SPOT ELEVATION |
| | EXISTING CURB TO REMAIN | | INTERPOLATED SPOT ELEVATION |
| | PROPOSED STITTSVILLE LIGHTS | | INTERPOLATED CURB ELEVATION |
| | EXISTING MANHOLE | | INTERPOLATED GUTTER ELEVATION |
| | EXISTING CATCH BASIN | | PROPOSED SPOT ELEVATION (BY ARCHITECT) |
| | PROPOSED FIRE HYDRANT | | PROPOSED SPOT ELEVATION |
| | LAND DRAINAGE SEWER | FFE | FINISHED FLOOR ELEVATION |
| | COMBINED SEWER | TC | TOP OF CURB ELEVATION |
| | WATER MAIN | BC | BASE OF CURB ELEVATION |
| | UNDERGROUND HYDRO LINE | RIM | CATCH BASIN RIM ELEVATION |
| | OVERHEAD HYDRO LINE | | |
| | UNDERGROUND TELEPHONE LINE | | |
| | GAS LINE | | |
| DETAIL KEY | | | |
| | DETAIL NUMBER | | |
| | SHEET NUMBER | | |

GRADING NOTES:

- ALL ELEVATIONS SHOWN IN METRIC UNITS. NUMBERS WITH DECIMALS INDICATE METERS. WHOLE NUMBERS INDICATE MILLIMETERS.
- ALL GRADING TO BE STAKED ON SITE FOR REVIEW AND APPROVAL BY CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
- REFER TO LAYOUT PLAN, L1.1, FOR LAYOUT OF ALL CURBS, SIDEWALKS, ETC.
- CONTRACTOR TO BE ADVISED THAT EXISTING GRADES ARE GIVEN AS INFORMATION ONLY AND SHOULD BE VERIFIED ON SITE. REPORT ANY DISCREPANCIES.
- ALL PROPOSED ELEVATIONS TO BE FINISHED ELEVATIONS.
- THE CONTRACTOR SHALL PROVIDE A QUALIFIED CREW TO LAYOUT STREETSCLAPING ELEMENTS. THE CREW SHALL BE EQUIPPED WITH ALL THE NECESSARY EQUIPMENT TO PROVIDE HORIZONTAL AND VERTICAL LAYOUT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- CONTRACTOR TO PROTECT ALL TREES, POLES, AREAWAYS ETC. TO REMAIN TO CITY OF WINNIPEG STANDARDS.
- MAINTAIN EXISTING GRADES AT ALL BUILDING EDGES AND PROPERTY LINES UNLESS OTHERWISE NOTED. ENSURE POSITIVE DRAINAGE TO ALL CATCH BASINS. MINIMUM CROSS SLOPE 1%, MAXIMUM CROSS SLOPE 3% ON CONCRETE SIDEWALK IN 'CLEAR PATH' OF PEDESTRIAN TRAVEL.
- CONTRACTOR TO ADJUST GRADES OF ALL SERVICES WITHIN LIMIT OF WORK AS REQUIRED. REFER TO ENGINEER'S DRAWINGS AND SPECIFICATIONS FOR ALL MANHOLE CATCH BASINS, FIRE HYDRANT, CURB STOPS, ETC. REMOVALS, RELOCATIONS AND ADJUSTMENTS.
- LOCATION OF ALL RAMP CURBS AND SIDEWALK RAMP TO BE CONFIRMED ON SITE RELATIVE TO CROSSWALK LOCATIONS. ADJUST PAVING PATTERN AS REQUIRED. LOCATIONS TO BE APPROVED BY CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION. ALL RAMP MUST BE SMOOTH WITH NO DIPS OR STEPS IN PAVING. ALL SIDEWALK RAMP TO HAVE A MAXIMUM 6% SLOPE UNLESS OTHERWISE NOTED.
- USE SPECIFIED BACKFILL IN ALL TRENCHES RUNNING BELOW ALL STRUCTURES, WALKWAYS, ETC.
- ENSURE POSITIVE DRAINAGE IN ALL AREAS TO CATCH BASINS AND CURB INLETS AS NOTED AND AWAY FROM BUILDING:
 - MIN. 2% SODDED AREAS
 - MIN. 1% PAVED AREAS
- IF POWER EQUIPMENT IS TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
 - NOTIFY THE GAS COMPANY AND HYDRO COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 - TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY AND HYDRO COMPANY INSTALLATIONS.
- REFER ALSO TO WRITTEN SPECIFICATIONS.
- 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.

1	ISSUED FOR TENDER	02/03/06	SR
No.	Revisions	Date	By
Date		Scale	
27-01-06		1:100	
Designed By	Drawn By	Checked By	
SR/AH	AH	SR	



McGOWAN RUSSELL
 Client

CITY OF WINNIPEG
 Project Title
WATERFRONT DRIVE STREETSCLAPING
 Sheet Title
EXCELSIOR / STRAND GRADING PLAN

Project No. 04-017 Drawing No. L2.2