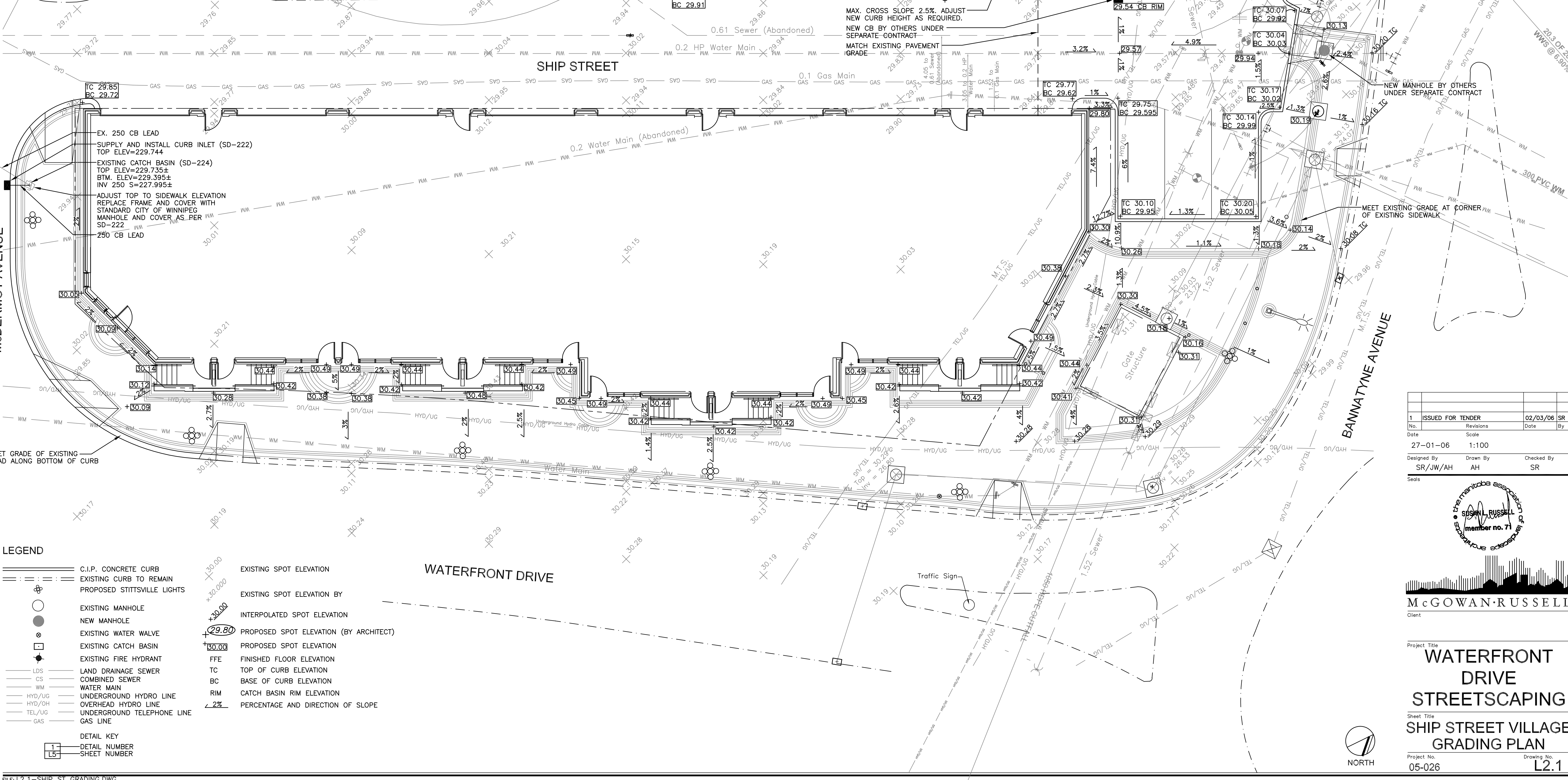


GRADING NOTES:

- 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 STREETSCAPING 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 RAMPS 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 RAMPS MUST BE SMOOTH WITH NO DIPS OR STEPS IN PAVING. ALL SIDEWALK RAMPS 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.



LEGEND

	C.I.P. CONCRETE CURB		EXISTING SPOT ELEVATION
	EXISTING CURB TO REMAIN		EXISTING SPOT ELEVATION BY
	PROPOSED STITTSVILLE LIGHTS		INTERPOLATED SPOT ELEVATION
	EXISTING MANHOLE		PROPOSED SPOT ELEVATION (BY ARCHITECT)
	NEW MANHOLE		PROPOSED SPOT ELEVATION
	EXISTING WATER VALVE		FFE FINISHED FLOOR ELEVATION
	EXISTING CATCH BASIN		TC TOP OF CURB ELEVATION
	EXISTING FIRE HYDRANT		BC BASE OF CURB ELEVATION
	LDS LAND DRAINAGE SEWER		RIM CATCH BASIN RIM ELEVATION
	CS COMBINED SEWER		PERCENTAGE AND DIRECTION OF SLOPE
	WM WATER MAIN		
	HYD/UG UNDERGROUND HYDRO LINE		
	HYD/OH OVERHEAD HYDRO LINE		
	TEL/UG UNDERGROUND TELEPHONE LINE		
	GAS GAS LINE		

DETAIL KEY

	DETAIL NUMBER
	SHEET NUMBER

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/JW/AH	AH	SR	

Seals

McGOWAN RUSSELL
Client

Project Title
**WATERFRONT DRIVE
STREETSCAPING**

Sheet Title
**SHIP STREET VILLAGE
GRADING PLAN**

Project No. 05-026 Drawing No. L2.1