

- CONSTRUCTION NOTES:**
- ISOLATE MISCELLANEOUS ITEMS IN NEW CONCRETE WORKS AS PER SD-228C.
 - ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 - LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS. CONTRACTOR TO VERIFY ALL UNDERGROUNDS IN THE FIELD.
 - CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMITS OF CONSTRUCTION.
 - LOCATION OF EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
 - INSTALL CB LEADS AT MIN. 1.0% SLOPE OR AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
 - CONTRACTOR TO CONFIRM EXISTING LEAD INVERT ELEVATIONS PRIOR TO INSTALLATION.
 - ALL DIMENSIONS ARE TO BACK OF CURB.
 - LIMITS OF CURB AND SIDEWALK RECONSTRUCTION TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 - ADJUST ALL WATER VALVES, MANHOLES, CATCH BASINS, CATCH PITS AND WATER SHUT OFF VALVES TO GRADE.
 - ALL PRIVATE WALKWAYS TO BE ADJUSTED TO NEW SIDEWALK OR TOP OF CURB ELEVATION, AS REQUIRED.
 - STREET LIGHT STANDARDS, HYDRO POLES AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, ARE TO BE DONE AT THE EXPENSE OF THE CONTRACTOR, AS NECESSARY.
 - FOR ROAD RECONSTRUCTIONS, INSTALL 6 m OF 150 mm SUBDRAIN TO CATCH BASINS IN BOTH DIRECTIONS PARALLEL TO ROADWAY AS PER SD-245 AND CAP ENDS.
 - FOR ROAD RECONSTRUCTIONS, ALL WATER MAIN SERVICES NEED TO BE INSULATED. ADDITIONALLY, ALL CATCH BASINS, MANHOLES AND LEAD PIPES LOCATED WITHIN 2.0 m OF A RESIDENTIAL SERVICE MUST BE INSULATED TO PROTECT THE SERVICE FROM POTENTIAL FUTURE FREEZING.
 - FOR ROAD RECONSTRUCTIONS, CURB REVEAL SHALL BE 180 mm UNLESS NOTED OTHERWISE. FOR ROAD REHABILITATIONS, CURB REVEAL SHALL BE 150 mm UNLESS NOTED OTHERWISE.
 - CONSTRUCT MODIFIED BARRIER CURB (SD-203B) AT RADII.
- REMOVALS / RELOCATES** (Red pentagon symbol)
- REMOVALS / RELOCATES (BY OTHERS)** (Blue pentagon symbol)
- ADJUSTMENTS** (Green circle symbol)

- ABBREVIATIONS:**
- CONC CONCRETE
 - ASP ASPHALT
 - TYP TYPICAL
 - EX EXISTING
 - MH MANHOLE
 - WV WATER VALVE
 - EL ELEVATION
 - CB CATCH BASIN
 - CP CATCH PIT
 - CI CURB INLET
 - CL CONTROL LINE
 - SL STREET LIGHT
 - TS TRAFFIC SIGNAL
- SYMBOLS:**
- HYDRO MANHOLE
 - TELEPHONE MANHOLE
 - TRAFFIC SIGNAL SPLICE PIT
 - WATER VALVE
 - HYDRANT
 - CURB STOP
 - GAS VALVE
 - HYDRO POLE
 - HYDRO POLE WITH LIGHT
 - STREET LIGHT
 - TRAFFIC SIGNAL
 - SIGNAL CONTROL BOX
 - BELLMETS PEDESTAL
 - TREE
 - IRON PROPERTY BAR
 - HYDRO GUY ANCHOR

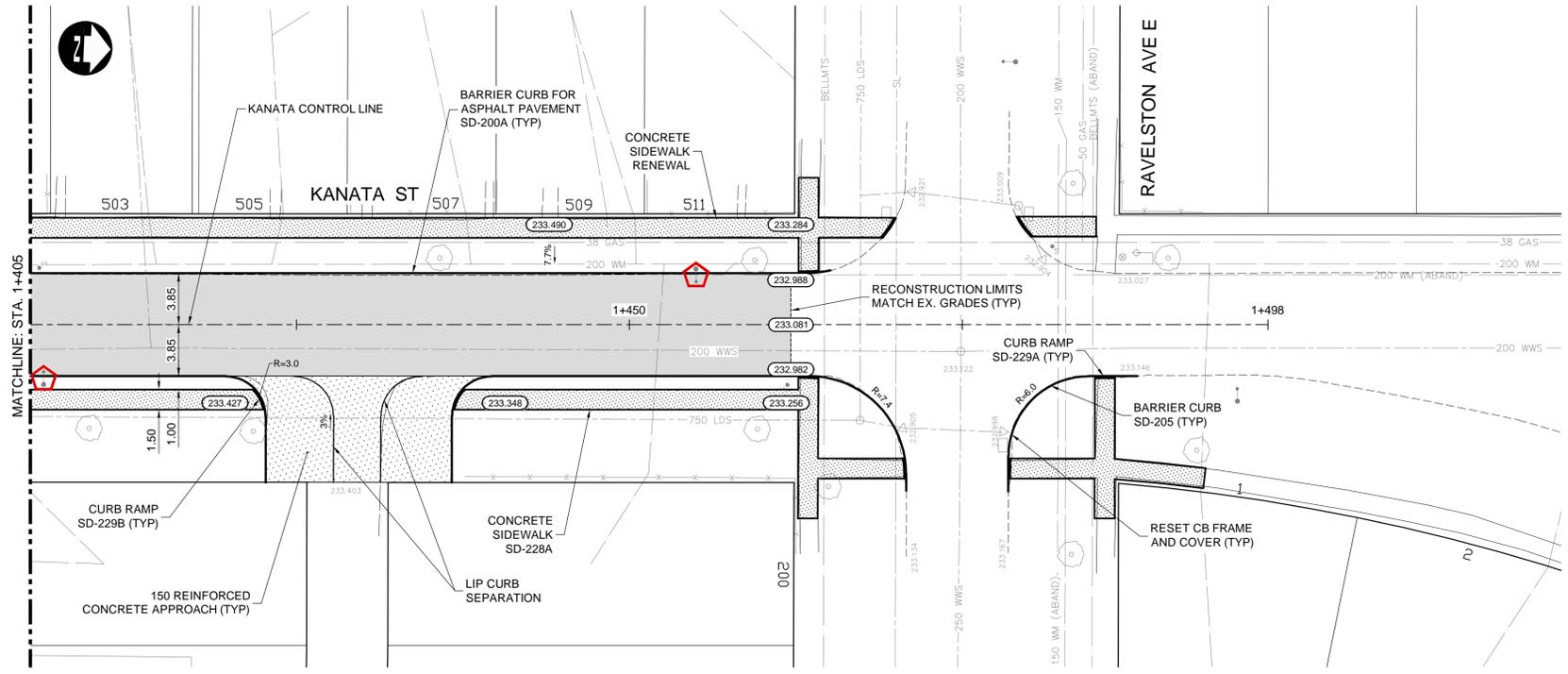
METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
- OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.



ES ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: 2024/05/03

150 WWS	WATERMAIN	150 WWS	CONCRETE ROAD	PROFILE	UNDERGROUND STRUCTURES	B.M. ELEV.	DESIGNED BY	TJH/MRD	ENGINEER'S SEAL
300 LDS	LAND DRAINAGE SEWER	300 LDS	ASPHALT ROAD	NORTH/WEST GUTTER	SUPV. U/G STRUCTURES	DATE	DRAWN BY	TJH	
250 WWS	WASTE WATER SEWER	250 WWS	CONC ROAD W/ASP OVERLAY	SOUTH/EAST GUTTER	LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.		CHECKED BY	MRD	
HYDRO	HYDRO	HYDRO	CONCRETE SIDEWALK	NORTH/WEST MED. GUTTER			APPROVED BY	TJP	
BELLMETS	BELLMETS	BELLMETS	ASPHALT PATH	SOUTH/EAST MED. GUTTER			HOR. SCALE	1:250	
100 GAS	GAS	100 GAS	LANDSCAPING FEATURE	NORTH/WEST DITCH			VERTICAL	1:10	2024 LOCAL STREETS RENEWAL PROGRAM KANATA STREET, DAY STREET AND VARIOUS OTHER LOCATIONS
T.S.	TRAFFIC SIGNALS	T.S.	GRASS/SOD	SOUTH/EAST DITCH			RELEASED FOR CONSTRUCTION	DATE	
S.L.	STREET LIGHTS	S.L.	ELEVATION	NORTH/WEST SIDEWALK					CITY DRAWING NUMBER SHEET 04 OF 21 CONSULTANT DRAWING NUMBER
MANHOLE	MANHOLE	MANHOLE	PROPERTY LINE	SOUTH/EAST SIDEWALK					
CATCH BASIN	CATCH BASIN	CATCH BASIN	CURB RAMP						KANATA STREET (STA. 1+405 TO END)
CATCH PIT	CATCH PIT	CATCH PIT	DETECTABLE TILE						
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	CONSULTANT PROJECT NUMBER 23-7222

0	ISSUED FOR TENDER	24/05/03	MRD	
NO.	REVISIONS	DATE	BY	DATE

2024 LOCAL STREETS RENEWAL PROGRAM
KANATA STREET, DAY STREET AND VARIOUS OTHER LOCATIONS

CONSULTANT PROJECT NUMBER
23-7222

CITY DRAWING NUMBER
SHEET 04 OF 21
CONSULTANT DRAWING NUMBER

KANATA STREET (STA. 1+405 TO END)

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