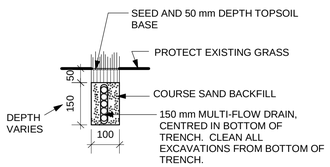
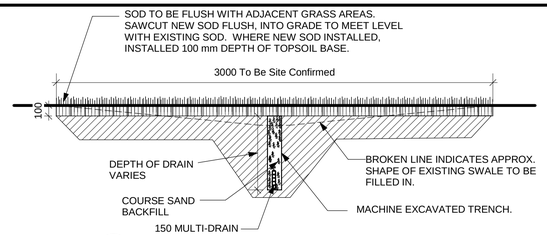


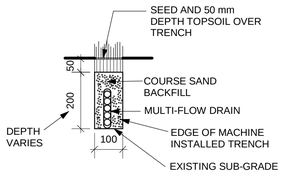
2 L1 SECTION THROUGH SHALLOWEST DRAIN AREA

Scale: 1:10



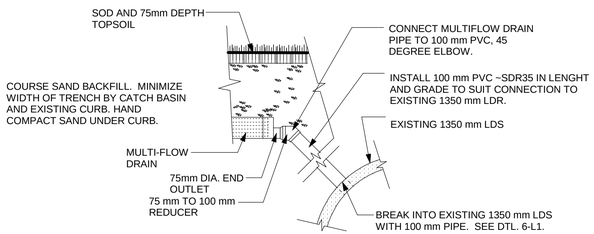
4 L1 SECTION THROUGH EXISTING SWALE AREA

Scale: 1:20



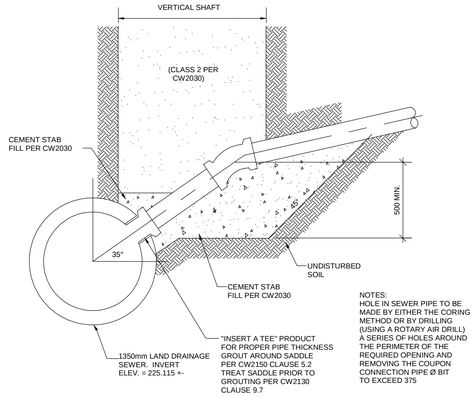
3 L1 MULTI-FLOW DRAIN SECTION

Scale: 1:10



5 L1 MULTI-FLOW TIE INTO 1350 mm LAND DRAINAGE SEWER

Scale: 1:20



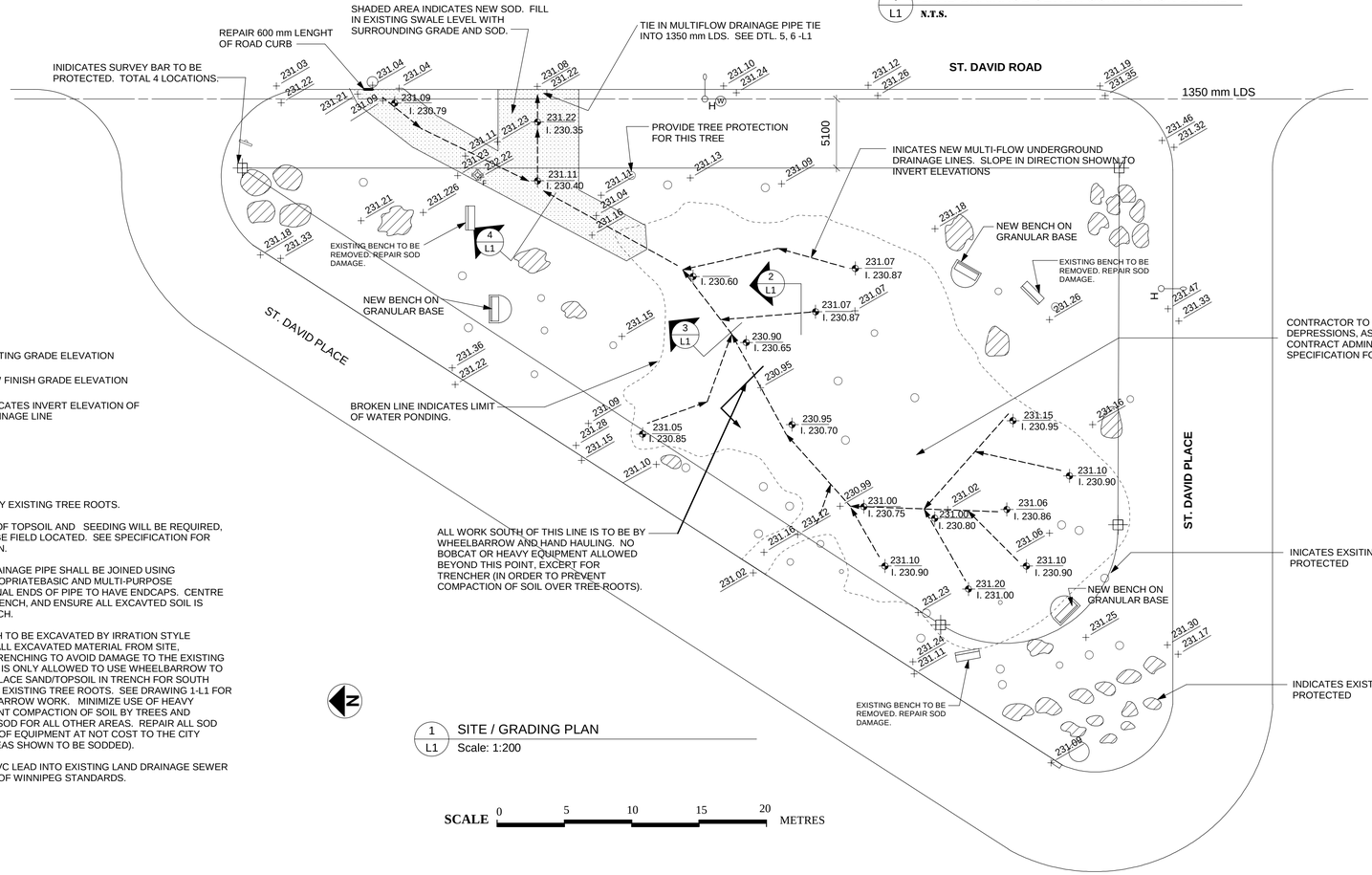
NOTES:
HOLE IN SEWER PIPE TO BE MADE BY EITHER THE CORING METHOD OR BY DRILLING (USING A ROTARY AIR DRILL) A SERIES OF HOLES AROUND THE PERIMETER OF THE REQUIRED OPENING AND REMOVING THE COUPON CONNECTION PIPE Ø BIT TO EXCEED 375

6 L1 LAND DRAINAGE SEWER CONNECTION DETAIL

N.T.S.

PROVINCE OF MANITOBA
G.A. PRATT
March 14, 2005
REGISTERED ENGINEER

APEGM
Certificate of Authorization
G. A. Pratt & Associates Inc.
No. 758 Expiry: April 30, 2005



LEGEND:

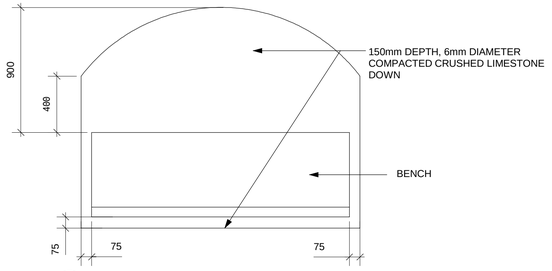
231.33 EXISTING GRADE ELEVATION

231.05 I. 230.85 NEW FINISH GRADE ELEVATION / INDICATES INVERT ELEVATION OF DRAINAGE LINE

1 L1 SITE / GRADING PLAN

Scale: 1:200

SCALE 0 5 10 15 20 METRES



7 L1 GRANULAR BENCH PAD LAYOUT

Scale: 1:20

GENERAL NOTES:

1. MINIMIZE GRADING BY EXISTING TREE ROOTS.

2. ADDITIONAL AREAS OF TOPSOIL AND SEEDING WILL BE REQUIRED, AND THE AREAS WILL BE FIELD LOCATED. SEE SPECIFICATION FOR FURTHER INFORMATION.

3. ALL MULTI-FLOW DRAINAGE PIPE SHALL BE JOINED USING MANUFACTURER APPROPRIATEBASIC AND MULTI-PURPOSE CONNECTORS. TERMINAL ENDS OF PIPE TO HAVE ENDCAPS. CENTRE PIPE IN BOTTOM OF TRENCH, AND ENSURE ALL EXCAVTED SOIL IS REMOVED FROM TRENCH.

4. MULTI-FLOW TRENCH TO BE EXCAVATED BY IRRATION STYLE TRENCHER. REMOVE ALL EXCAVATED MATERIAL FROM SITE, IMMEDIATELY AFTER TRENCHING TO AVOID DAMAGE TO THE EXISTING GRASS. CONTRACTOR IS ONLY ALLOWED TO USE WHEELBARROW TO REMOVE FILL AND REPLACE SAND/TOPSOIL IN TRENCH FOR SOUTH AREA OF SITE AROUND EXISTING TREE ROOTS. SEE DRAWING 1-L1 FOR LOCATION OF WHEELBARROW WORK. MINIMIZE USE OF HEAVY EQUIPMENT TO PREVENT COMPACTION OF SOIL BY TREES AND DAMAGE TO EXISTING SOD FOR ALL OTHER AREAS. REPAIR ALL SOD DAMAGE AS A RESULT OF EQUIPMENT AT NOT COST TO THE CITY (EXCEPT FOR TWO AREAS SHOWN TO BE SODDED).

5. INSTALLATION OF PVC LEAD INTO EXISTING LAND DRAINAGE SEWER TO CONFORM TO CITY OF WINNIPEG STANDARDS.

the manitoba association of landscape architects
KEN RECH member no. 45

RELEASED FOR CONSTRUCTION

MANAGER PARKS & OPEN SPACE DIVISION

PROJECT TITLE

ST DAVID PLACE PARK

NO.	REVISIONS	BY	DATE

KEN RECH LANDSCAPE ARCHITECTS INC.
1480 Wellington Crescent Winnipeg Manitoba
Fax 489-6852 R3N 0B3 Tel(204) 489-6616

DRAWING TITLE

SITE PLAN AND DRAINAGE IMPROVEMENTS

DRAWN BY	SCALE	SHEET NO.
K. RECH	AS NOTED	L1
PRINT DATE: APRIL 15, 2005	DATE: April 15/2005	
FILE NO.: 01-04-Q	REVISION: 0	