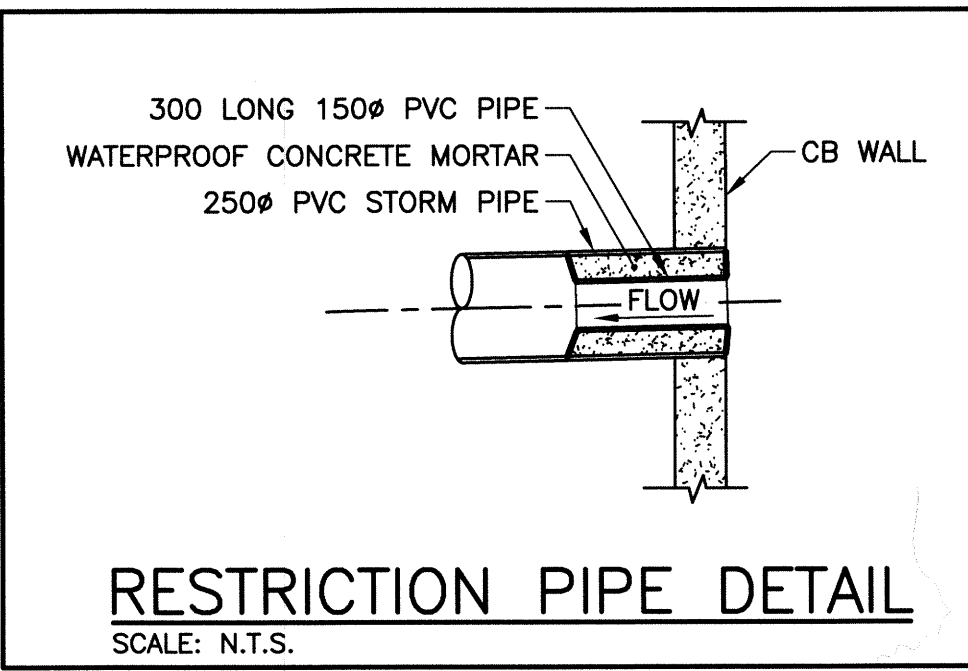
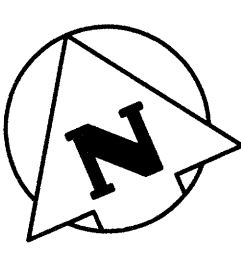


File Name: P:\Projects\2013\13-1408-002\Doc\Control\Tobalissaud\DWG\448-2013\_Drawing\_001 - RD.dwg - Tab: C01 Plotted By: Dierochie 13/12/05 [Thu 12:04pm]



**PROPERTY LIMITS DELINEATION**

DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

**WARNING**

1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
3. SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**STORM SEWER CRITERIA:**

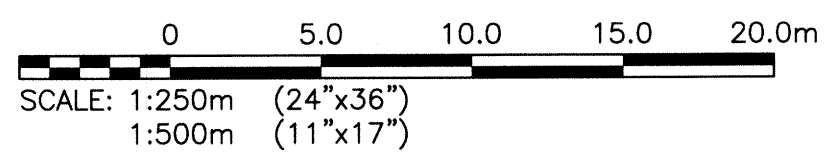
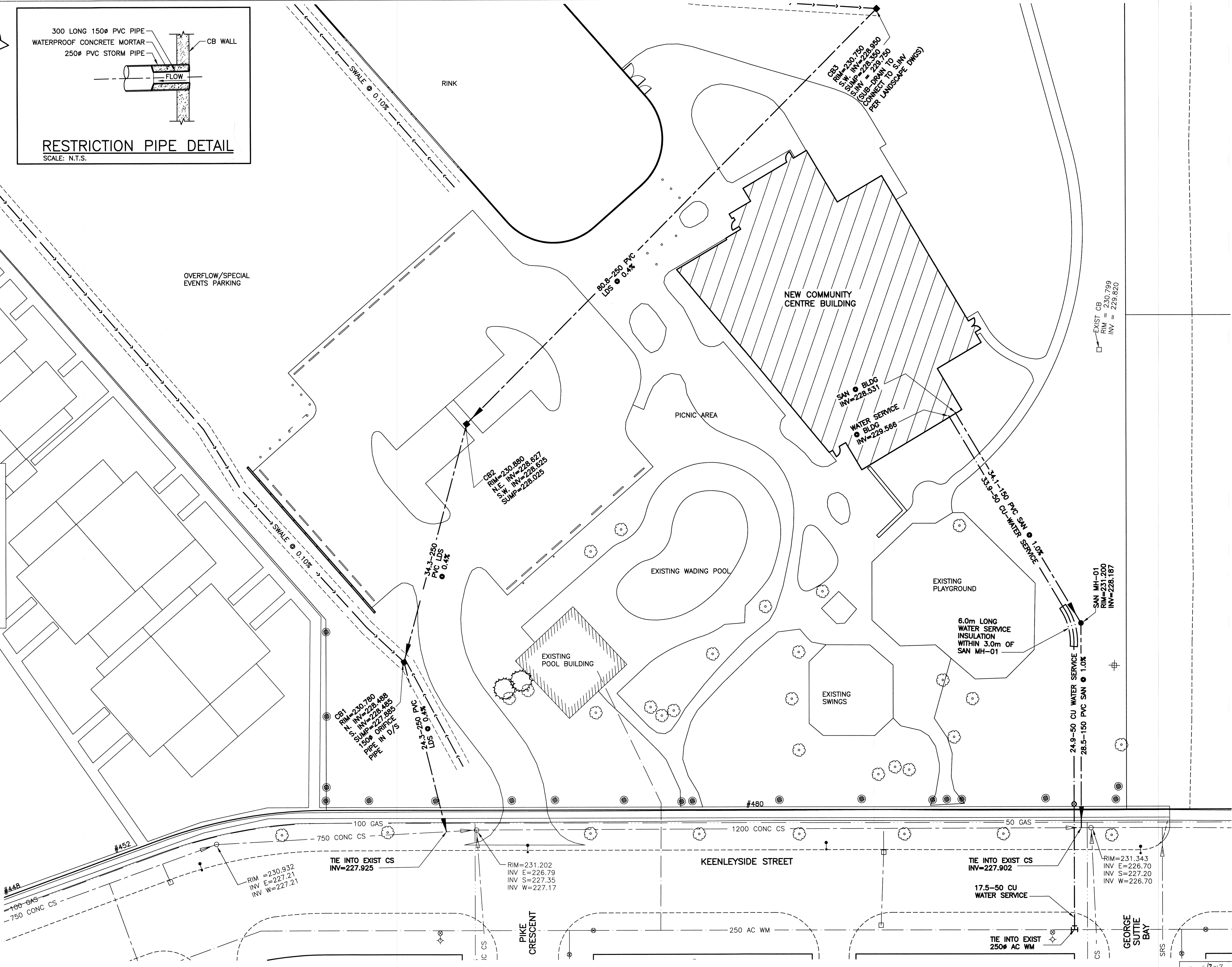
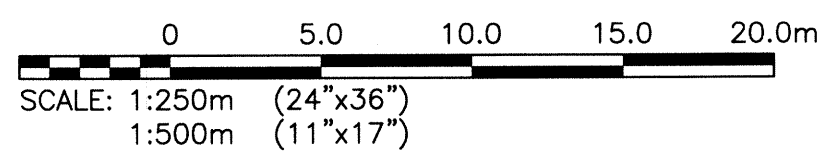
- TOTAL DRAINAGE AREA=3.5 ACRES.
- CITY OF WINNIPEG 'C'-VALUE = 0.2
- PEAK FLOW RESTRICTED TO 5-YEAR RUNOFF.
- ISOCHRONO METHOD USED TO DETERMINE ALLOWABLE RUNOFF.
- ALLOWABLE RUNOFF=3.01 cfs.
- REQUIRED STORAGE=445 m3.
- MAXIMUM PONDING DEPTH IN PARKING LOT FOR 25 YEAR STORM=300mm AT INLET.
- TIME OF CONCENTRATION=10 MIN.

**LEGEND**

- EXISTING ELEVATION  $\times 230.06$
- DESIGN ELEVATION  $\text{C}231.18$
- PONDING LIMITS (EL 231.20)  $\text{---}$
- EXISTING CURB  $\text{---}$
- FLOW DIRECTION  $\text{--->}$
- EXISTING TREE  $\text{---}$
- EXISTING BOLLARD  $\text{---}$
- EXISTING SURVEY PIN  $\text{---}$
- EXISTING MANHOLE  $\text{---}$
- EXISTING CATCHBASIN  $\text{---}$
- EXISTING LAMP STANDARD  $\text{---}$
- PROPOSED MANHOLE  $\text{---}$
- PROPOSED CATCHBASIN  $\text{---}$
- PROPOSED VALVE  $\text{---}$

**CONSTRUCTION NOTES:**

1. ALL WORKS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
2. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES.
3. CONTRACTOR TO ENSURE TREES ARE NOT DAMAGED DURING CONSTRUCTION.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR APPROACH PERMITS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL CUT PERMITS REQUIRED WITHIN THE CITY OF WINNIPEG RIGHT OF WAY.
6. WATER SERVICE INSTALLATION SHALL MAINTAIN A MINIMUM COVER OF 2.4m BELOW FINISHED GRADE.



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**KGS GROUP**  
CONSULTING ENGINEERS

**Winnipeg**  
THE CITY OF WINNIPEG PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT MUNICIPAL ACCOMMODATIONS DIVISION  
4TH FLOOR - 185 KING STREET  
R3B 1J1

Project: EAST ELMWOOD COMMUNITY CENTRE  
480 KEENEYSIDE, WINNIPEG, MB  
Project Number: 2013-041  
Bid Opportunity Number: 748-2013

Drawing Title: SITE GRADING

# Issue/Revision Date  
0 ISSUED FOR TENDER 2013.12.05

Design By: EJM  
Date: 13/08/27  
Design Check: DMW  
Date: 13/09/27  
Drawn By: DMW  
Date: 13/09/27

DWG Check: GSC  
Date: 13/12/05  
Sheet No: C01

**APEGM**  
Certificate of Authorization  
KGS Group  
No. 245

PROVINCE OF MANITOBA  
B.J. NIKOLAYENKO  
Member  
24688  
REGISTERED PROFESSIONAL ENGINEER

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