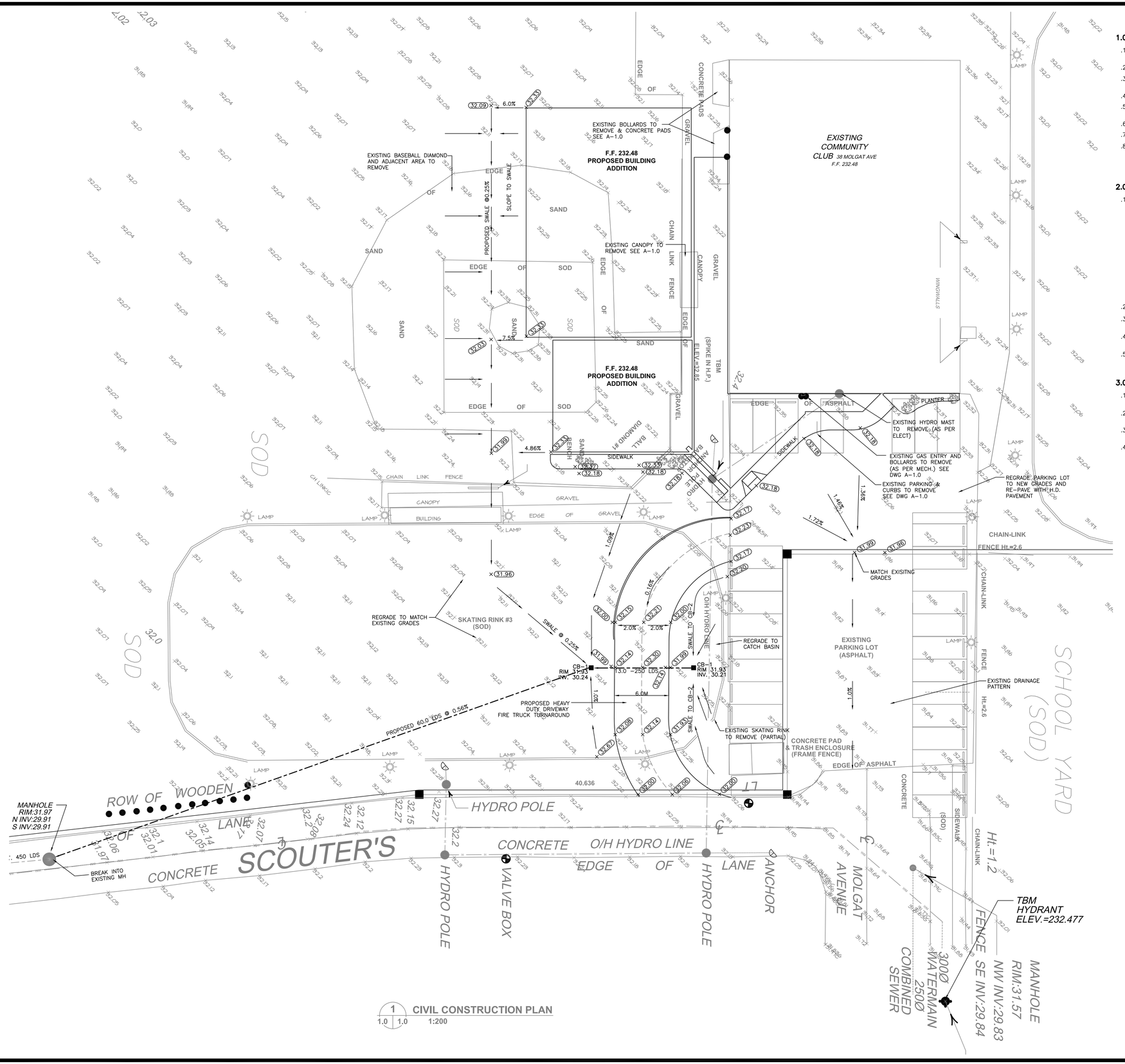

1 CIVIL CONSTRUCTION PLAN
1.0 1.0 1:200

N

CONSTRUCTION NORTH

1.0 CONSTRUCTION NOTES

.1 ALL CONSTRUCTION TO CONFORM WITH APPROPRIATE CITY OF WINNIPEG CONSTRUCTION SPECIFICATIONS.

.2 CONTRACTOR TO OBTAIN ALL PERMITS.

.3 CONTRACTOR TO OBTAIN UTILITY CLEARANCES BEFORE EXCAVATING.

.4 AUGER UNDER STREET PAVEMENT.

.5 BACKFILL ALL TRENCHES IN PARKING LOTS WITH GRANULAR MATERIALS.

.6 BACKFILL IN LANDSCAPED AREAS TO BE CLASS 5.

.7 CONFIRM ALL DIMENSIONS BEFORE STARTING.

.8 MATERIALS

WWS AND LDS: SDR-35 OR EQUAL

CATCH BASINS: 30" x 6'-0" WITH OPEN GRATES

2.0 DRAINAGE DESIGN NOTES

.1 RATIONAL FORMULA WAS USED.

.1 Q = CIA FOR 5 YEAR STORM $I = \frac{47.2}{(t+8)^{.828}}$
t = 10 MINUTES
i = 4.31 in/hr
A = 0.59 AC AREA OF DEVELOPMENT

.2 Q = CIA FOR 25 YEAR STORM $I = \frac{72.5}{(t+9)^{.842}}$
t = 10 MINUTES
i = 6.08 in/hr
A = 0.59 AC AREA OF DEVELOPMENT

.2 MAXIMUM ALLOWABLE RUNOFF COEFFICIENT: C = 0.5

.3 MAXIMUM ALLOWABLE RUNOFF FOR 5 YEAR STORM IS 1.27 CFS.

.4 MAXIMUM ALLOWABLE RUNOFF FOR 25 YEAR STORM IS 1.79 CFS.

.5 ALL SUBCATCHMENT BASINS ARE CALCULATED TO CONTAIN A 25 YEAR STORM.

3.0 MISCELLANEOUS NOTES

.1 TOPOGRAPHIC SURVEY BY POLOCK & WRIGHT (L.N. McLAUGHLIN M.L.S. C.L.S.)

.2 EXISTING UTILITY INFORMATION COMPILED FROM GEO ENGINEERING DRAWING.

.3 GEODETIC BENCH MARK 54-013 ELEVATION 232.291 METRES

.4 SECONDARY BENCH MARK TOP OF HYDRANT ON MOLGAT AVE AS SHOWN 232.447 METERS

COORDINATE WITH DRAWING A-1.0

1.0

SWALE

NO.	REVISION	DATE	BY

THIS DRAWING IS THE EXCLUSIVE PROPERTY OF THE ARCHITECT AND CAN BE REPRODUCED ONLY WITH THE PERMISSION OF THE ARCHITECT IN WHICH CASE THE REPRODUCTION MUST BEAR THE NAME OF THE ARCHITECT.

THIS DRAWING SHALL NOT BE SCALED. FOLLOW GIVEN DIMENSIONS ONLY.

THE CONTRACTOR SHALL SATISFY HIMSELF THAT ALL DIMENSIONS AND INFORMATION SHOWN ARE CORRECT.

PRIOR TO COMMENCEMENT OF WORK REPORT ANY DISCREPANCIES TO THE ARCHITECT.

VARIATIONS AND MODIFICATIONS TO WORK SHOWN WILL NOT BE ALLOWED WITHOUT WRITTEN PERMISSION OF THE ARCHITECT.

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DRN	APP	MEC DWG No.	REV
CHK WPW	DATE 03-25-08	08063	

SEAL

PROVINCE OF MANITOBA — W.P. WOLFE — 03/25/08 — REGISTERED PROFESSIONAL ENGINEER

APEGM Certificate of Authorization MEC CONSULTING No. 4438 Date: March 31/08

CALNITSKY ASSOCIATES ARCHITECTS

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PROJECT TITLE

NORBERRY GLENLEE COMMUNITY CENTRE EXPANSION

26 Molgat Avenue, Winnipeg, MB
Bid Opportunity No. 931-2007

SHEET TITLE

CIVIL SITE & GRADING PLAN

DRAWN BY	SCALE	SHEET NUMBER
conetec	1:200	C-1
CHECKED BY	DATE 2008-03-25	
PROJECT NUMBER 06-017	REVISION 0	

Mar 27, 2008 – 3:41pm
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