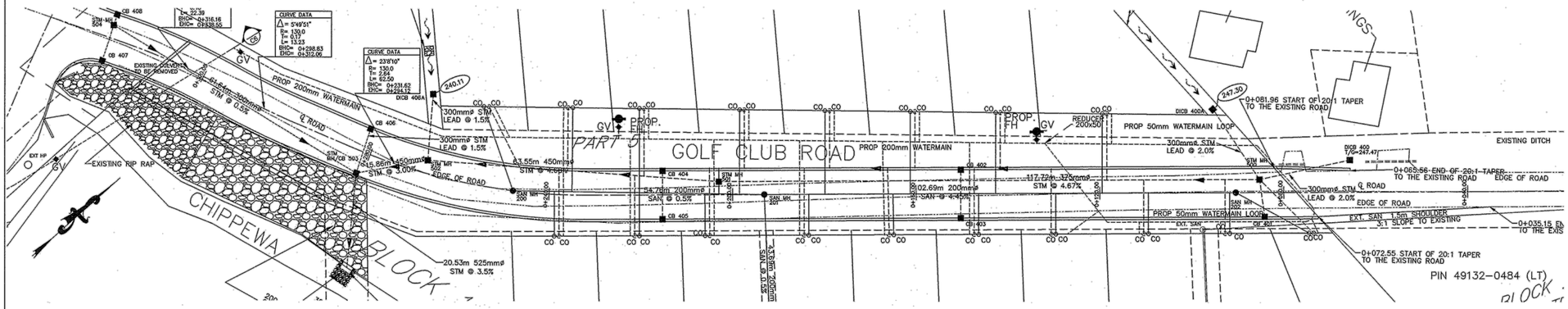

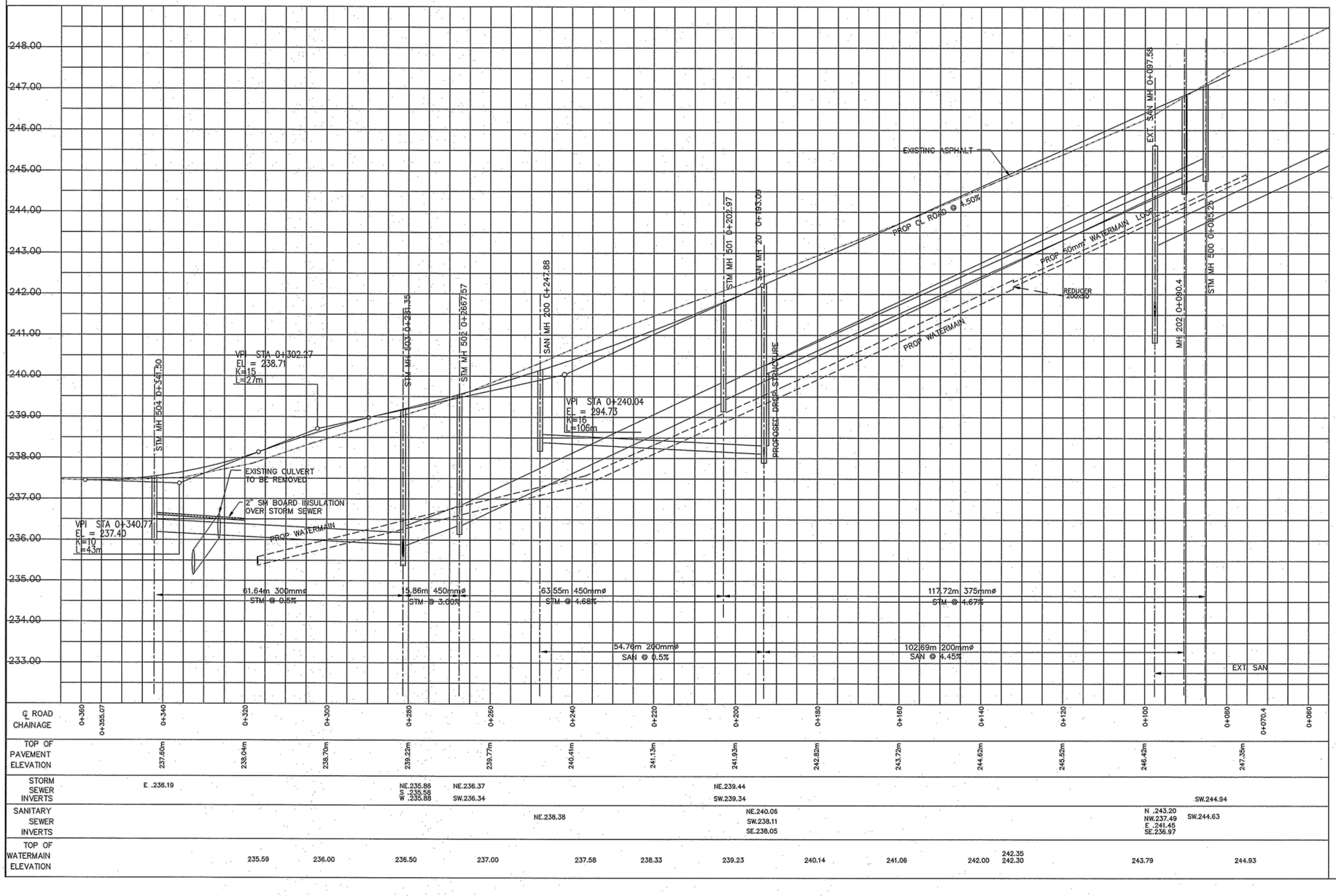

℄ ROAD CHAINAGE	0+360	0+355.07	0+340	0+320	0+300	0+280	0+260	0+240	0+220	0+200	0+180	0+160	0+140	0+120	0+100	0+080	0+070.4	0+060
TOP OF PAVEMENT ELEVATION			237.60m	238.04m	238.70m	239.22m	239.77m	240.41m	241.13m	241.93m	242.82m	243.72m	244.62m	245.52m	246.42m	247.35m		
STORM SEWER INVERTS		E .236.19				NE.235.86 S .235.58 W .235.88	NE.236.37 SW.236.34			NE.239.44 SW.239.34						SW.244.94		
SANITARY SEWER INVERTS								NE.238.38		NE.240.05 SW.238.11 SE.238.05					N .243.20 NW.237.49 E .241.45 SE.236.97	SW.244.63		
TOP OF WATERMAIN ELEVATION				235.59	236.00	236.50	237.00	237.58	238.33	239.23	240.14	241.06	242.00	242.35 242.30	243.79	244.93		

GENERAL NOTES

1. A TRANSITION PAVEMENT PATCHING SHALL BE APPLIED TO EXISTING ASPHALT ON GOLF COURSE RD AND BLENDED IN THE FIELD TO MATCH THE SAME.
2. DOUBLE SWAB ALL WATERMAINS.
3. PRESSURE TEST ALL WATERMAINS AT 1050 KPa. DISINFECT ALL WATERMAINS AND FITTINGS AND PROVIDE BACTERIAL PROOF ALL IN ACCORDANCE WITH OPSS 701.
4. WATERMAINS SHALL HAVE 2.2m MINIMUM COVER.
5. WATERMAIN LOCATIONS BOTH HORIZONTAL AND VERTICAL ARE ASSUMED AND MUST BE VERIFIED PRIOR TO CONSTRUCTION.
6. DRIVEWAYS SHALL BE LOCATED ON HIGH SIDE OF LOTS TO ENSURE GRADES CONFORM TO OPSD 351.010
7. STORM SEWER TO BE INSULATED WHERE COVER IS LESS THAN 1.5m

THE POSITION OF ALL STRUCTURES, ABOVE GROUND & BELOW GROUND MAY NOT BE SHOWN ON THE CONTRACT DRAWINGS & WHERE SHOWN MAY NOT BE AN ACCURATE LOCATION. THEREFORE BEFORE ANY CONSTRUCTION THE CONTRACTOR MUST VERIFY LOCATION & POSITION OF ALL SUCH UTILITIES & STRUCTURES.

METRIC UNITS
DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

LEGEND

ORIGINAL GROUND + 200.2
BOTTOM OF SODDED SWALE + 200.2
MIN. FINISHED GRADE AT HSE LOCATION 200.2
FINISHED GRADE AT LOT CORNER 200.2
EXISTING WATERMAIN – GATE VALVE
WATERMAIN – GATE VALVE GV
FIRE HYDRANT
CONDUIT TERMINATION BOX (TEMPORARY)
TRANSFORMER
BELL BOX BELL
CATV PEDESTAL
HYDRO TRANSFORMER
NATURAL GAS

TEST PIT LOCATION TP-1
CURB AND GUTTER C&G
EDGE OF PAVEMENT EP
ROCK PROBE RP-10
STREET LIGHT STANDARD
NEW STORM MANHOLE
EXISTING STORM MANHOLE
NEW CATCHBASIN
EXISTING CATCHBASIN
HOUSE NUMBER

DATE OF ISSUE: APRIL 15, 2014

APP'D BY	DETAILS	DATE	№
J.M.	FINAL APPROVAL & ROAD TAPER	APRIL 15, 2014	3
J.M.	FINAL	JAN 9, 2014	2
J.M.	NEW WM DESIGN	MAY 8, 2013	1
J.M.	PRELIMINARY	MAY 8/09	0

REVISIONS

CONSOLIDATED HOMES Ltd.

CITY OF NORTH BAY
GOLF CLUB RD.

PLAN & PROFILE

CAIRNS ENGINEERING INC.
145 INDUSTRIAL COURT "B" UNIT 3 – SAULT STE. MARIE ONTARIO
PHONE–705–254–7640 FAX–705–254–2555
EMAIL–cairnseng@vonet.ca

Miller & Urso Surveying Inc.
Project Managers ◆ Planning Consultants
1501 SEYMOUR STREET NORTH BAY, ON. P1B 8G4
TEL: (705) 474-1310 FAX: (705) 474-1763
E.mail: rm.dsu@on.aibn.com
Surveying Inc.

LICENCED PROFESSIONAL ENGINEER W. A. CAIRNS PROVINCE OF ONTARIO

DRAWN BY:	DATE:
J.M.	APRIL 2014
CHECKED BY: Andy Cairns P.Eng.	SCALE: HORIZ. 1 : 500 VERT. 1 : 50

(C.E.I.) PROJECT №	(M&U) PROJECT №	DRAWING №	REV.
2007–007	1015	G-153	3