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November 27, 2014

RESS & COURIER

Ontario Energy Board
P.O. Box 2319
27th Floor
2300 Yonge Street
Toronto, ON M4P 1E4

Attention: Ms. K. Walli, Board Secretary

Dear Ms. Walli:

Re: EB-2014-0295 – Further evidence of Suncor Energy Products Inc. ("Suncor")

We are counsel to Suncor.

Further to Procedural Order No. 1 in this matter, enclosed, please find further evidence of Suncor related to the location of the distribution facilities within the road allowances consisting of the following:

1) Minutes from the September 10, 2014 meeting of Council of the Corporation of the Town of Plympton-Wyoming ("**Town**") which were not available at the time that the application in this matter was originally filed on September 12, 2014;

2) A letter from Suncor to the Town dated November 24, 2014 referring to a road use agreement and schedules that were provided to the Town on November 24, 2014; and

3) 83 pages of detailed plan and profile drawings of Suncor's proposed location of distribution facilities within Town road allowances. These drawings were also not available in this form at the time that the application in this matter was filed on September 12, 2014.

One hard copy of these materials is being served on counsel for the Town today.

Yours truly,

FOGLER, RUBINOFF LLP

Albert Engel

Digitally signed by Albert Engel
DN: cn=Albert Engel, o=Fogler, Rubinoff LLP, ou, email=aengel@foglers.com, c=CA
Date: 2014.11.27 11:14:46 -05'00'

Albert M. Engel

cc: C. Brett, Suncor
C. Scott, Suncor
J. Hood, Suncor

ONTARIO ENERGY BOARD

IN THE MATTER OF the *Ontario Energy Board Act, 1998*, S.O. 1998, c. 15 (Sched. B);

AND IN THE MATTER OF an application by Suncor Energy Prodcuts Inc. for an Order or Orders pursuant to Section 41(9) of the *Electricity Act, 1998* (as amended) establishing the location of the applicant's distribution facilities within certain road allowances owned by the Town of Plympton-Wyoming, all as set out in this application.

FURTHER EVIDENCE

SUNCOR ENERGY PRODUCTS INC.

November 27, 2014

EXHIBIT LIST

Exh.	Tab	Sch.	Title
A - INDEX			
A	1	1	Exhibit List
B – FURTHER EVIDENCE			
B	1	1	*September10, 2014 Town Council Meeting Minutes*
	2	1	*November 24, 2014 Letter from Suncor to Town re: Road Use Agreement*
			Plan and Profile Drawings of Plympton-Wyoming Streets and Highways for Cedar Point II Wind Energy Project Distribution System delivered to the Town on November 24, 2014

The Corporation of the Town of Plympton-Wyoming
Regular Meeting Minutes

Date:	Wednesday, September 10, 2014
Time:	9:15 a.m.
Location:	Plympton-Wyoming Council Chambers 546 Niagara Street, Wyoming, ON
Council Members Present:	Lonny Napper, Mayor Don Nelson, Deputy Mayor Ben Dekker Netty McEwen Ron Schenk Bob Woolvett Muriel Wright
Staff Members Present:	Kyle Pratt, Chief Administrative Officer (C.A.O.) Brianna Coughlin, Clerk

Call to Order

At 9:15 a.m., Mayor Lonny Napper called the meeting to order.

Declaration of Pecuniary Interest/Conflict of Interest

No declaration was made by any one member of Council at this time. Mayor Napper requested Council members to make the appropriate declaration if necessary throughout the business of the meeting.

Delegations

Council received a delegation from Suncor Energy Products Inc. regarding compliance with sections 4.7b) and 4.7c) of By-law 46 of 2014 (the Town's building permit by-law). It was noted that insurance and decommissioning agreements were requirements for wind turbines under the building permit by-law and Suncor staff advised that if the proposed agreement was not in the format required, they would like to receive further input from Council as to the proper process.

It was advised that it was the intention of Council to oppose the REA approval for the Suncor project through an application to the Environmental Review Tribunal. Council members expressed concern that passing such agreements could jeopardize the ERT process. Suncor staff noted that it was their understanding that an appeal to the ERT would not force a stay on the project and that the building permit process would be allowed to continue during that time.

Mr. Pratt then addressed Section 3 of the letter of request which requested clarification regarding the $14,000 building permit fee outlined in By-law 46 of 2014. Ms. Coughlin

advised that the fee had been based on the fee instituted by the Municipality of Bluewater and approved by wind turbine developers there. Suncor staff advised that they were not necessarily opposed to the fee but requested further information or background studies.

Suncor staff advised that they were willing to work with Council on items relating to the project all at once or step by step if need be.

Mayor Napper then noted that Suncor had two other letters of request on the agenda. Discussion on those items is outlined in the Correspondence – Action Required section.

Adoption of Council Meeting Minutes

Motion #1 *– Moved by Ben Dekker, Seconded by Bob Woolvett that the minutes be adopted by Council and that those confidential minutes of the closed sessions of Council remain confidential and restricted from public disclosure in accordance with the exemptions provided in the Municipal Freedom of Information and Protection of Privacy Act:*

- *Regular Planning Meeting, August 25, 2014*
- *Closed Planning Meeting Session, August 25, 2014*
- *Regular Council Meeting, August 27, 2014*
- *Closed Council Meeting Session, August 27, 2014*

Motion Carried.

Business Arising from Previous Meetings

Council discussed the costs associated with a fire incident, as previously discussed during the Regular Council Meeting held August 27, 2014. Ms. Coughlin advised that pursuant to the service fee schedule outlined in By-law 72 of 2011, the cost of attending the fire was $1,230.00.

Councillor Dekker requested a recorded vote on the matter.

Motion #2 *- Moved by Ron Schenk, Seconded by Netty McEwen that staff be directed to invoice the owners of the subject property for the cost of attendance at the unauthorized open burn, pursuant to the fees outlined in By-law 72 of 2011.*

Councillor Wright – yes
Deputy Mayor Nelson – yes
Mayor Napper – yes
Councillor Dekker – yes
Councillor Schenk – yes
Councillor McEwen – yes
Councillor Woolvett – yes

Motion Carried.

Planning/Zoning Department

There were no items at this time.

Public Works Department

Mayor Napper noted that members of the Public Works department had done a very good job in cleaning up brush and debris after the weekend storm.

Accounts

Council discussed the accounts as presented. It was noted that an amendment had been made to Mayor Napper's remuneration claim to account for an expense from the AMO Conference.

Motion #3 *- Moved by Muriel Wright, Seconded by Ben Dekker that the Accounts as listed be approved by the Plympton-Wyoming Council for payment:*

- *Council Remuneration Claims – August 2014 as amended*
- *Drainage Superintendent Claims – August 2014*

Motion Carried.

Staff Reports

Council considered the report by David Fielding regarding the Plympton-Wyoming Water Distribution System, June 2014, MOE Inspection Report.

Motion #4 *- Moved by Ron Schenk, Seconded by Don Nelson that the report prepared by David A. Fielding, Director of Public Works and Engineering, dated August 27, 2014, regarding the Plympton-Wyoming Water Distribution System, June 2014, MOE Inspection Report be received and that Council direct staff to comply with the action items noted on pages 16 and 17 of the report.*

Motion Carried.

Council considered the report by Adam Sobanski regarding the old Plympton Township Hall. In particular, Council members discussed the potential expense of restoration compared to the historical significance of the building. Mayor Napper requested the opportunity to investigate the cost of restorations to the building.

Motion #5 *- Moved by Bob Woolvett, Seconded by Netty McEwen that the report by Adam Sobanski, Public Works Superintendent, dated September 3, 2014 regarding the Condition of the Old Plympton Township Hall be received and that the Old Plympton Township Hall be closed pending a report by Mayor Napper.*

Motion Carried.

Council took a break at 10:30 a.m. and reconvened at 10:49 a.m.

Council considered the report by Norma Roddick-Preece regarding the Asset Management Plan Approval for 2013. Mr. Pratt advised that this was a first draft based on historical data and that Public Works employees are working on getting condition reports for infrastructure items.

Motion #6 *- Moved by Don Nelson, Seconded by Netty McEwen that the report by Norma Roddick-Preece, Treasurer, dated September 2, 2014 regarding approval of an Asset Management Plan for 2013 be received and that the Asset Management Plan be submitted to the Province of Ontario to fulfill reporting requirements required to apply for funding.*

Motion Carried.

Council considered the report by Norma Roddick-Preece regarding the Ontario Community Infrastructure Fund and Small Communities Fund.

Motion #7 *- Moved by Ben Dekker, Seconded by Muriel Wright that the report by Norma Roddick-Preece, Treasurer, dated September 2, 2014 regarding approval of an Expression of Interest to the OCIF funding and an Expression of Interest to the SCF funding for 2014 be received and that the Expression of Interests be submitted to OMAFRA.*

Motion Carried.

Council discussed the report by Norma Roddick-Preece regarding the purchase of a Rescue Unit for the Camlachie Fire Department, in particular the cost and specifications of the proposed vehicle. It was noted that the old rescue unit would be sold following the Town's bidding process.

Motion #8 *- Moved by Ron Schenk, Seconded by Don Nelson that the report by Norma Roddick-Preece, Treasurer, dated September 4, 2014 regarding the purchase of a Rescue Unit be received and that Council award the purchase of the Rescue Unit to Metalfab Ltd. for $405,095.00 plus HST, being the lowest bid, and that the shortfall in funds be taken from the Camlachie Fire Department Equipment Reserve.*

Motion Carried.

Council discussed the report by Brianna Coughlin regarding Advance Voting Dates for the 2014 Municipal Election. Council considered the merits of one advance date versus two dates and passed the following resolution:

Motion #9 *- Moved by Ben Dekker, Seconded by Bob Woolvett that the report by Brianna Coughlin, Clerk, dated September 3, 2014 regarding Advance Voting Dates for the 2014 Municipal Election be received and that By-law 57 of 2014 be approved.*

Motion Carried.

Council discussed the report by Kailyn Richardson regarding the Final Tax Newsletter Fall 2014.

Motion #10 - *Moved by Don Nelson, Seconded by Netty McEwen that the report by Kailyn Richardson, Administrative Assistant - Clerk's Department dated September 5, 2014 regarding the Municipal newsletter be received and that Council approves distribution of the newsletter with the Final Tax Billing.*

Motion Carried.

Councillors' Reports

There were no items at this time.

Committee Meeting Minutes & Reports

Motion #11 - *Moved by Ben Dekker, Seconded by Bob Woolvett that the following Committee Meeting Minutes and Reports be received and that those confidential minutes of the closed sessions remain confidential and restricted from public disclosure in accordance with the exemptions provided in the Municipal Freedom of Information and Protection of Privacy Act:*

- *Camlachie Fire Department Executive Committee – May 12th 2014 Meeting Minutes*
- *Wyoming Fire Department Executive Committee – June 3rd 2014 Meeting Minutes*
- *Water & Sewer Committee – July 30th 2014 Meeting Minutes*

Motion Carried.

Council discussed the resolution from the Wyoming Fire Executive Committee regarding the transfer of funds for training. Councillors Dekker and Schenk advised that this transfer was recommended to cover the cost of upcoming training which had been underestimated in the 2014 Budget.

Motion #12 - *Moved by Ron Schenk, Seconded by Ben Dekker that Council approve the recommendation of the Wyoming Fire Executive Committee of September 2nd 2014 regarding transferring $5,000.00 from the bunker gear line in the budget and move it to the training line.*

Motion Carried.

By-laws

There were no items at this time.

Correspondence – Action-Required Items

Council considered the correspondence from Suncor Energy Products Inc. regarding a request for Approval of the Location of Electrical Infrastructure for the purpose of Suncor's Distribution System. Council members requested clarification from Suncor members regarding the Hydro One appeal to the project and the next steps if Council were to deny the request for approval of the electrical infrastructure.

It was advised that the appeal by Hydro One was under Section 92 of the Electricity Act and would not affect the decision before Council. It was further advised that should Council deny the request, it would necessitate a hearing under Section 41 of the Electrical Act.

Mr. Pratt noted that the Renewal Energy Approval decision outlined a timeline for Suncor to enter into agreements with the municipality, such as a Road Use Agreement. Mr. Pratt requested clarification regarding the steps in this process, as Council had previously directed all communication to take place with Council as a whole. It was directed that staff members could meet with Suncor on this matter as long as Mr. Pratt was involved and that it was made clear that only Council had the authority to approve or deny any agreements.

Council then returned to the request regarding electrical infrastructure and passed the following resolution:

Motion #13 - *Moved by Ben Dekker, Seconded by Ron Schenk that the correspondence relating to the Suncor Energy Products Inc. – Request for Council Approval of the Location of Electrical Infrastructure be received.*

Motion Carried.

Council then considered the correspondence from Suncor Energy Products Inc. regarding a request for Approval of Drainage Recommendations. It was determined that the matter be deferred until Mr. Bartlett could be present to discuss his report.

Motion #14 - *Moved by Muriel Wright, Seconded by Bob Woolvett that the correspondence relating to the Suncor Energy Products Inc. – Request for Approval of Drainage Recommendations be received and that the matter be deferred pending a delegation by Will Bartlett.*

Motion Carried.

Correspondence – Recommended Reading & Routine Approval/Information Items

Motion #15 *- Moved by Don Nelson, Seconded by Netty McEwen that the Correspondence relating to "Recommended Reading" and "Routine Approval and Information Items" not otherwise addressed by resolution, be noted as received by the Plympton-Wyoming Council, and filed accordingly.*

- *Association of Municipalities of Ontario:*
  - *Renewed Provincial Poverty Reduction Strategy*
  - *Local Municipal Official Appointed to AMO - Todd Case*
- *AMO Watch File:*
  - *August 28th 2014*
  - *September 4th 2014*
- *County of Lambton:*
  - *Notice of Appeal to REA Approval for Suncor Energy Products Inc.*
  - *News Release – Warden's Citizen of the Month – August 2014*
  - *News Release – Council Highlights September 3rd 2014*
  - *News Release – Coronation Park Day Nursery to Close*

Motion Carried.

New Business

Councillor Woolvett advised that he had attended the Ploughing Match in lieu of Mayor Napper.

Councillor Schenk advised that he had received a complaint regarding the gate on Cullen Drive that was intended to prevent ATVs entering the right-of-way to the beach. Council members expressed concern that one gate had been installed rather than staggering gates to allow for pedestrians.

Mr. Fielding, Director of Public Works & Engineering, entered the meeting at this time to discuss the above-noted concern. It was advised that staggered gates had been installed as directed by Council however a larger gate had been installed to allow for grass cutting equipment to enter the area. It was noted that a lock would be placed on that gate as soon as possible.

Mr. Fielding left the Council Chambers at 11:45 a.m.

Councillor McEwen requested that staff help the museum apply for funding under the Creative County grant program. Mr. Pratt advised that staff was also investigating the possibility of applying to this program for funding for the Old Plympton Town Hall.

Councillor Dekker advised that quotes had been received by the Wyoming Fire Executive Committee for the replacement of fire vehicles, which would be coming before Council for approval once they have been reviewed by the insurance company.

Deputy Mayor Nelson read a letter received by the Ministry of Municipal Affairs and Housing inviting Mayor Napper to receive a Long-Standing Service Award December 12th. Mayor Napper was congratulated for his 25 years of service to the community.

Ms. Coughlin advised that she had received the Drainage Engineer's report regarding the Michigan Line Drainage Improvements. Council passed the following resolution:

Motion #16 *- Moved by Ben Dekker, Seconded by Muriel Wright that a Consideration Meeting be scheduled for October 8th 2014 at 10 a.m. for the Michigan Line Drainage Improvements.*

Motion Carried.

Mr. Pratt advised that there was concern that a part of the Wyoming to Reeces Corners Trail had been built on private property. It was advised that Mr. Fielding and Cope Construction were investigating and would report back on the matter.

Mayor Napper advised that Faith and Dave Abbey would be walking through Reeces Corners at 10 a.m. the following morning as part of the fundraising efforts for Faith's Footsteps. It was advised that students from several local schools would be in attendance and a gift from the Town would be provided.

Mayor Napper then advised of a suicide prevention program through the Lambton Family Health Team that would like to use Council Chambers on occasion. It was directed that staff contact the group for further information.

Closed Meeting Session – 11:54 a.m.

Council moved into Closed Session.

Motion #17 *– Moved by Don Nelson, Seconded by Netty McEwen that Council move into an In-Camera Meeting of Council pursuant to Section 239 of the Municipal Act, 2001, as amended, for the following reasons:*

Item A – Litigation Matters
Section 239(2)(e) – Litigation or potential litigation, including matters before administrative tribunals, affecting the municipality or local board.

Motion Carried.

Motion #18 (12:15 p.m.) *– Moved by Netty McEwen, Seconded by Ron Schenk that the Closed Session be adjourned.*

Motion Carried.

Confirmatory By-law

Motion #19 *– Moved by Netty McEwen, Seconded by Ron Schenk that By-law Number 58 of 2014, being a by-law to confirm all resolutions of the Council Meetings held September 5th and September 10th 2014 be taken as read three times and finally passed and the Mayor and Clerk be authorized to sign the said by-law accordingly.*

Motion Carried.

Adjournment of Meeting

Motion #20 *– Moved by Ben Dekker, Seconded by Bob Woolvett that the Regular Council Meeting be adjourned until the next Regular Meeting, to be held on Wednesday, September 24, 2014, commencing at 5:00 p.m.*

Motion Carried.

Adjournment of the Regular Council Meeting took place at 12:16 p.m.

_____
Mayor – Lonny Napper

_____
Clerk – Brianna Coughlin

Suncor Energy Products Inc.
c/o Suncor Energy Inc.
P.O. Box 2844
150 – 6th Avenue S.W.
Calgary, AB T2P 3E3
Tel 403-296-8000
Fax 403-296-3030
www.suncor.com

November 24, 2014

Town of Plympton-Wyoming
546 Niagara St, Box 250
Wyoming, ON N0N 1T0

Attention: Mr. Kyle Pratt

Dear Mr. Pratt,

Re: Cedar Point Wind Power Project – Road Use Agreement

Suncor Energy Products Inc. (SEPI) and the Town of Plympton-Wyoming met on October 23, 2014 with staff to discuss a Road Use Agreement. Suncor has incorporated the comments from that meeting into the road use agreement and has provided all the required schedules for the agreement for staff to review. Please find enclosed 2 copies of the Road Use Agreement complete with all schedules for your review and comment.

Please do not hesitate to contact me if you have any questions or comments.

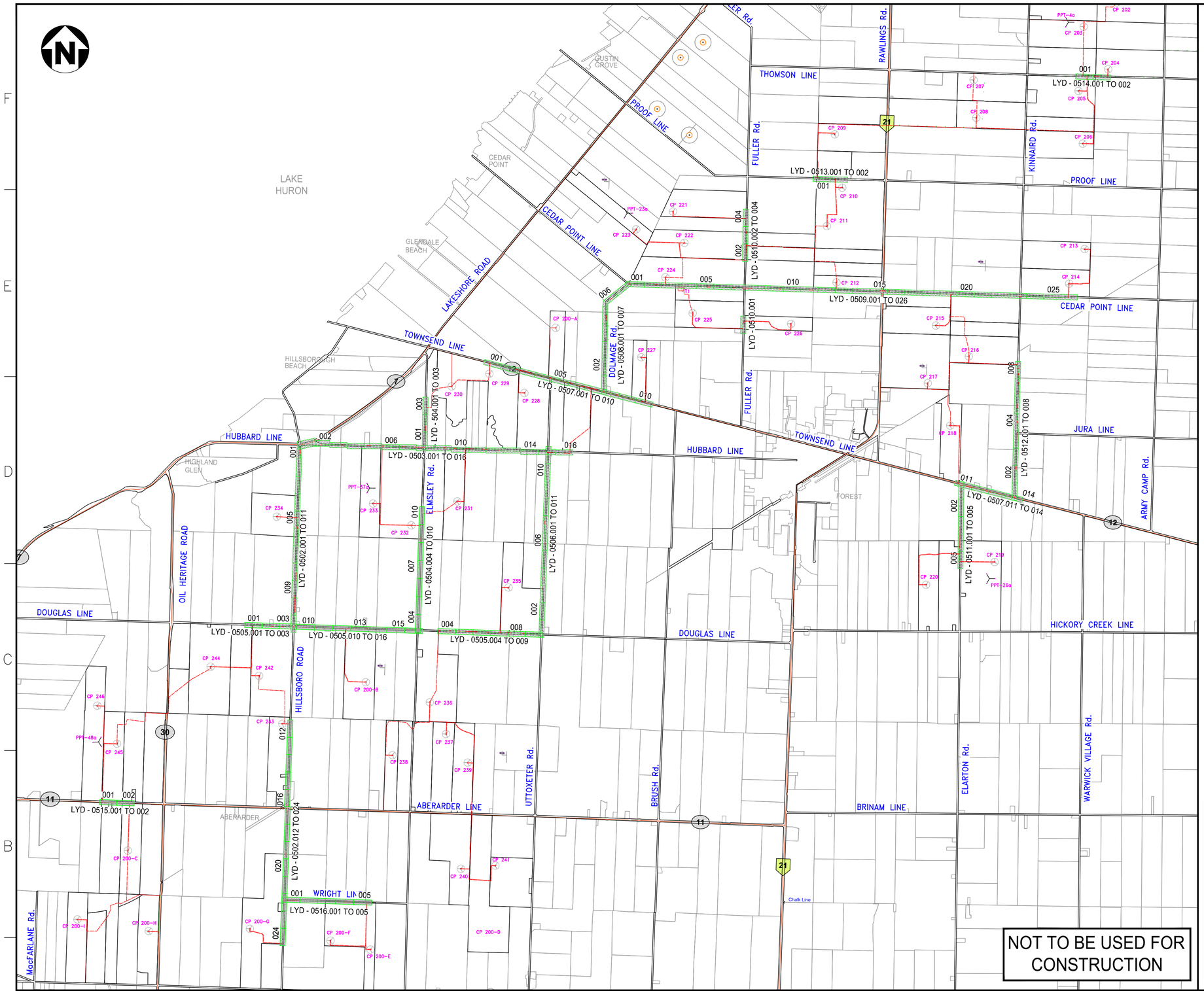
Yours truly,

Suncor Energy Products Inc.



Christopher Scott, P. Eng
Project Developer
(519) 328-0424 (cell)

Cc: David Fielding.



UNDERGROUND COLLECTION SYSTEM WITHIN MUNICIPAL RIGHT OF WAY LIMITS TRENCH LAYOUT

DRAWING No.	DRAWING TITLE
173709-0300-DD10-LYD-0502.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.002	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.003	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.004	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.005	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.006	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.007	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.008	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.009	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.010	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.011	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.012	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.013	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.014	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.015	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.016	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.017	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.018	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.019	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.020	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.021	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.022	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.023	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0502.024	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HILLSBORO ROAD
173709-0300-DD10-LYD-0503.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - LAKESHORE ROAD
173709-0300-DD10-LYD-0503.002	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0503.003	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0503.004	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0503.005	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0503.006	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0503.007	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0503.008	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0503.009	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0503.010	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0503.011	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0503.012	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0503.013	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0503.014	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0503.015	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0503.016	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - HUBBARD LINE
173709-0300-DD10-LYD-0504.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - ELMSLEY ROAD
173709-0300-DD10-LYD-0504.002	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - ELMSLEY ROAD
173709-0300-DD10-LYD-0504.003	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - ELMSLEY ROAD
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173709-0300-DD10-LYD-0504.010	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - ELMSLEY ROAD
173709-0300-DD10-LYD-0505.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - DOUGLAS LINE
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173709-0300-DD10-LYD-0505.016	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - DOUGLAS LINE
173709-0300-DD10-LYD-0506.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - UTTOXETER ROAD
173709-0300-DD10-LYD-0506.002	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - UTTOXETER ROAD
173709-0300-DD10-LYD-0506.003	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - UTTOXETER ROAD
173709-0300-DD10-LYD-0506.004	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - UTTOXETER ROAD
173709-0300-DD10-LYD-0506.005	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - UTTOXETER ROAD
173709-0300-DD10-LYD-0506.006	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - UTTOXETER ROAD
173709-0300-DD10-LYD-0506.007	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - UTTOXETER ROAD
173709-0300-DD10-LYD-0506.008	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - UTTOXETER ROAD
173709-0300-DD10-LYD-0506.009	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - UTTOXETER ROAD
173709-0300-DD10-LYD-0506.010	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - UTTOXETER ROAD
173709-0300-DD10-LYD-0506.011	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - UTTOXETER ROAD
173709-0300-DD10-LYD-0507.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - TOWNSEND LINE
173709-0300-DD10-LYD-0507.002	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - TOWNSEND LINE
173709-0300-DD10-LYD-0507.003	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - TOWNSEND LINE
173709-0300-DD10-LYD-0507.004	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - TOWNSEND LINE
173709-0300-DD10-LYD-0507.005	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - TOWNSEND LINE
173709-0300-DD10-LYD-0507.006	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - TOWNSEND LINE
173709-0300-DD10-LYD-0507.007	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - TOWNSEND LINE
173709-0300-DD10-LYD-0507.008	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - TOWNSEND LINE
173709-0300-DD10-LYD-0507.009	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - TOWNSEND LINE
173709-0300-DD10-LYD-0507.010	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - TOWNSEND LINE
173709-0300-DD10-LYD-0507.011	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - TOWNSEND LINE
173709-0300-DD10-LYD-0507.012	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - TOWNSEND LINE
173709-0300-DD10-LYD-0507.013	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - TOWNSEND LINE
173709-0300-DD10-LYD-0507.014	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - TOWNSEND LINE
173709-0300-DD10-LYD-0508.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - DOLMAGE ROAD
173709-0300-DD10-LYD-0508.002	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - DOLMAGE ROAD
173709-0300-DD10-LYD-0508.003	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - DOLMAGE ROAD
173709-0300-DD10-LYD-0508.004	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - DOLMAGE ROAD
173709-0300-DD10-LYD-0508.005	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - DOLMAGE ROAD
173709-0300-DD10-LYD-0508.006	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - DOLMAGE ROAD
173709-0300-DD10-LYD-0508.007	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - DOLMAGE ROAD
173709-0300-DD10-LYD-0509.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.002	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.003	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.004	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.005	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.006	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.007	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.008	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.009	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.010	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.011	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.012	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.013	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.014	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.015	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.016	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.017	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.018	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.019	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.020	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.021	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.022	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.023	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.024	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.025	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0509.026	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - CEDAR POINT LINE
173709-0300-DD10-LYD-0510.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - FULLER ROAD
173709-0300-DD10-LYD-0510.002	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - FULLER ROAD
173709-0300-DD10-LYD-0510.003	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - FULLER ROAD
173709-0300-DD10-LYD-0510.004	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - FULLER ROAD
173709-0300-DD10-LYD-0511.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - ELARTON ROAD
173709-0300-DD10-LYD-0511.002	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - ELARTON ROAD
173709-0300-DD10-LYD-0511.003	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - ELARTON ROAD
173709-0300-DD10-LYD-0511.004	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - ELARTON ROAD
173709-0300-DD10-LYD-0511.005	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - ELARTON ROAD
173709-0300-DD10-LYD-0512.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - KINNARD ROAD
173709-0300-DD10-LYD-0512.002	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - KINNARD ROAD
173709-0300-DD10-LYD-0512.003	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - KINNARD ROAD
173709-0300-DD10-LYD-0512.004	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - KINNARD ROAD
173709-0300-DD10-LYD-0512.005	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - KINNARD ROAD
173709-0300-DD10-LYD-0512.006	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - KINNARD ROAD
173709-0300-DD10-LYD-0512.007	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - KINNARD ROAD
173709-0300-DD10-LYD-0512.008	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - KINNARD ROAD
173709-0300-DD10-LYD-0513.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - PROOF LINE
173709-0300-DD10-LYD-0513.002	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - PROOF LINE
173709-0300-DD10-LYD-0514.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - THOMSON LINE
173709-0300-DD10-LYD-0514.002	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - THOMSON LINE
173709-0300-DD10-LYD-0515.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - ABERARDER LINE
173709-0300-DD10-LYD-0515.002	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - ABERARDER LINE
173709-0300-DD10-LYD-0516.001	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - WRIGHT LINE
173709-0300-DD10-LYD-0516.002	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - WRIGHT LINE
173709-0300-DD10-LYD-0516.003	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - WRIGHT LINE
173709-0300-DD10-LYD-0516.004	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - WRIGHT LINE
173709-0300-DD10-LYD-0516.005	UNDERGROUND COLLECTOR LINE LAYOUT - PLAN & PROFILE - WRIGHT LINE

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
A	14NOV2014	FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

0m 300 600 900 1200 1500

1:30,000

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
1:30,000	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT

UNDERGROUND COLLECTOR LINE LAYOUT COVER PAGE

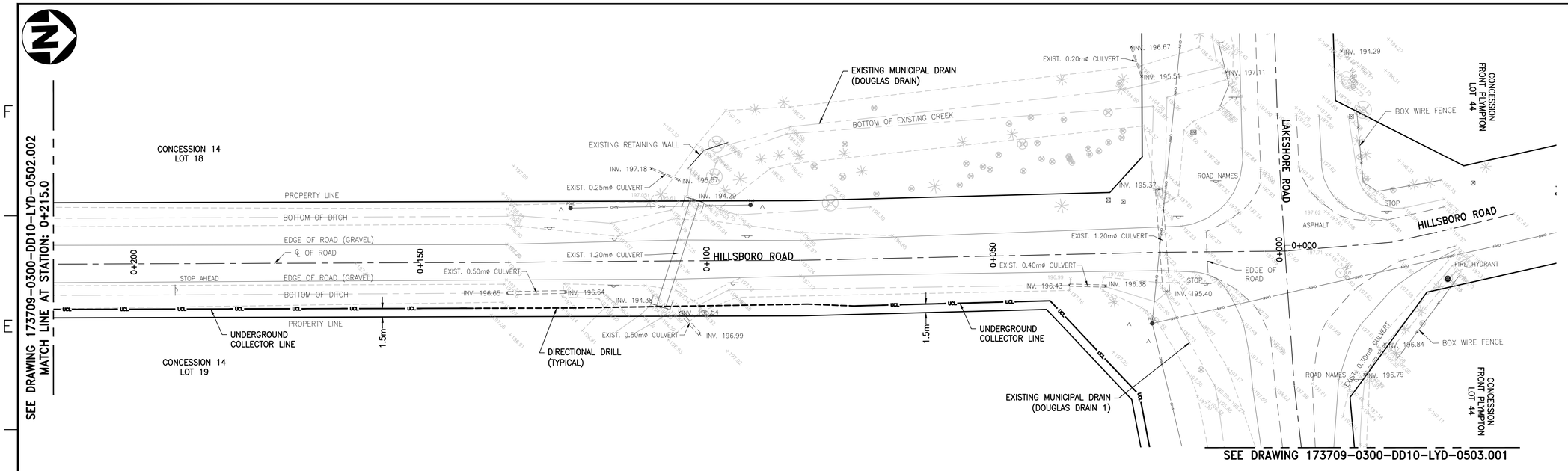
AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO.	REV.
173709-0300-DD10-LYD-0500.008	A

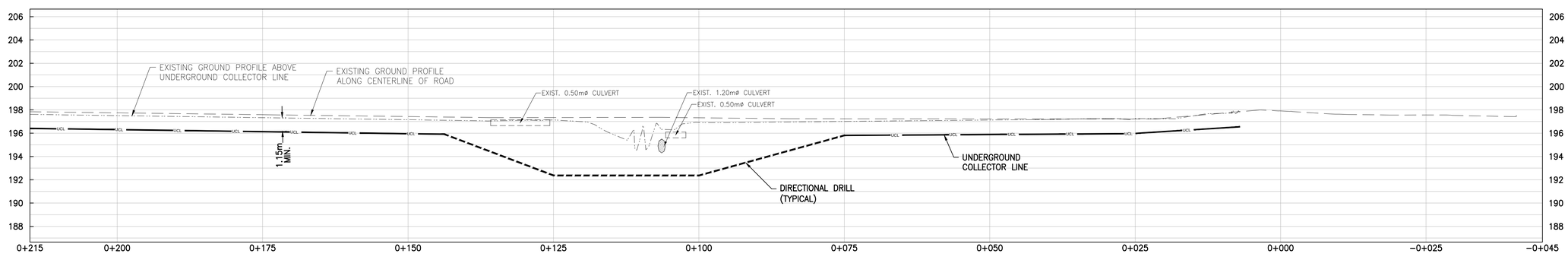
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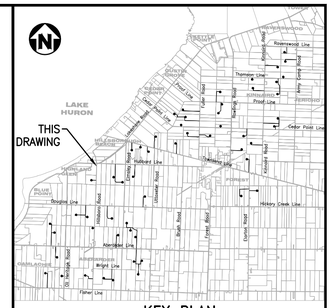
UNDERGROUND COLLECTOR LINE – PLAN

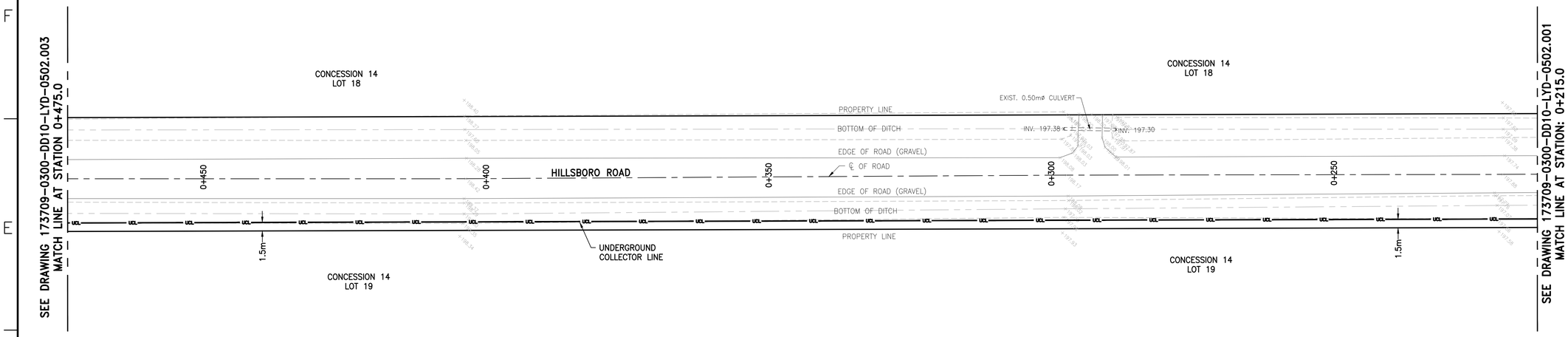
SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



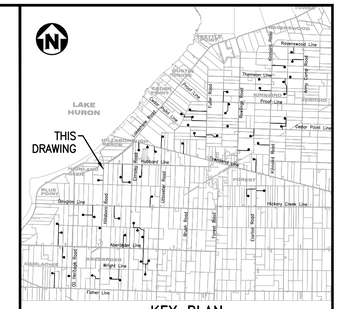


UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
6. THE POSITION OF POLE LINES, CONDUITS, WATERMAIN, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	

SCALE: AS SHOWN

PACKAGE CODE

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 0+215 TO 0+475.0

AREA 0300

SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

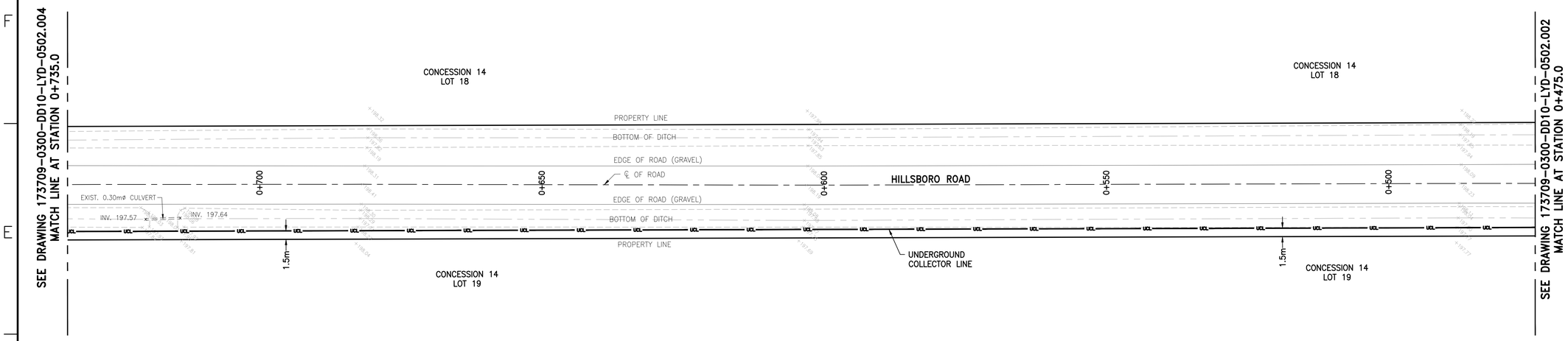
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0502.002 REV. X

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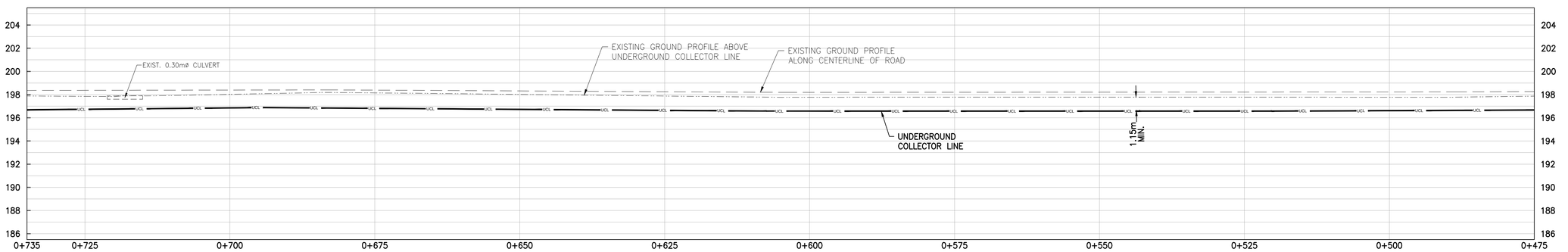
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PLOT SCALE: 1:1



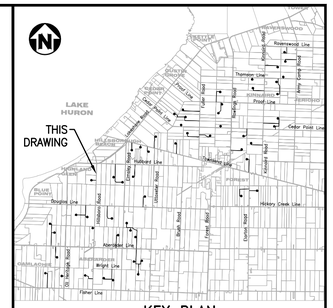
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT		GAS METER
(WSO)	WATER SHUTOFF		GAS VALVE
(F/C)	FACE OF CURB		HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 0+475.0 TO 0+735.0

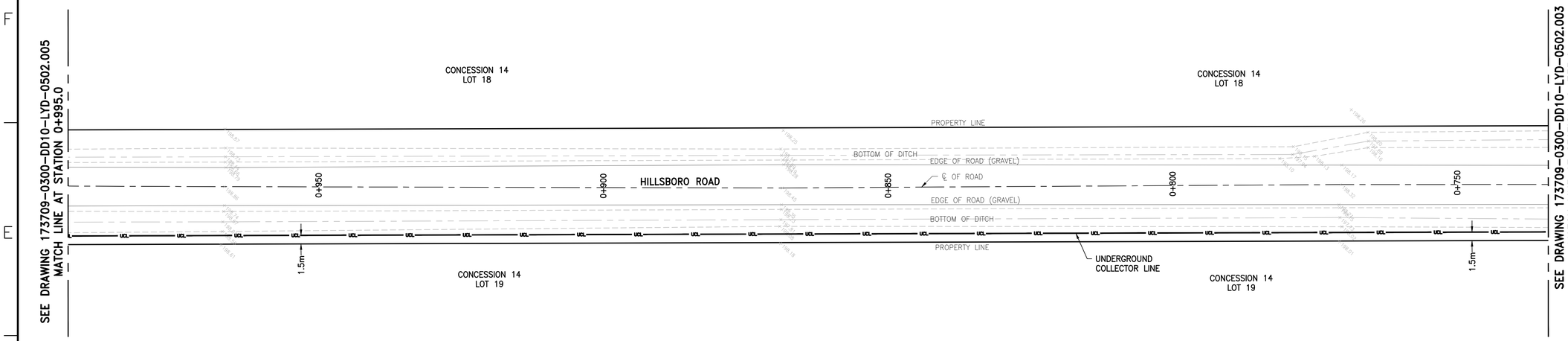
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0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0502.003 REV. A

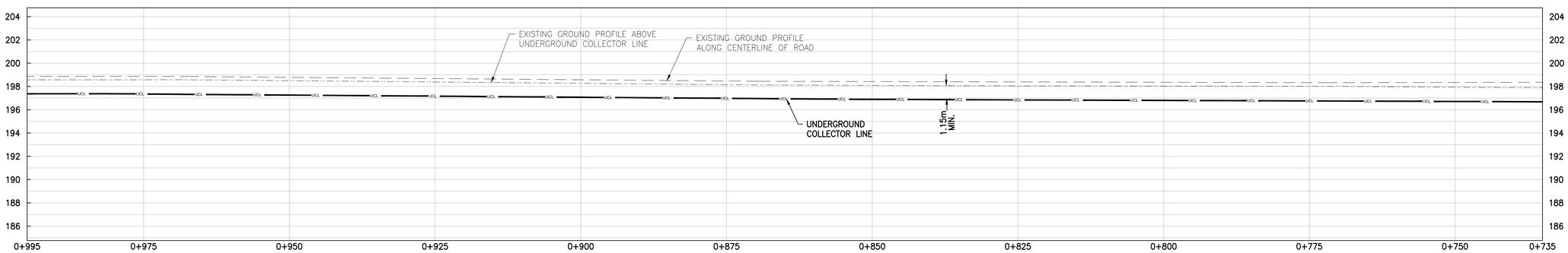
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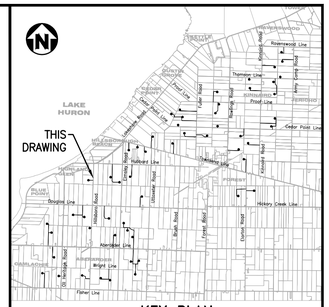
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
6. THE POSITION OF POLE LINES, CONDUITS, WATERMAIN, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
(G)	GAS	TH	TELEPHONE MANHOLE
(GP)	GUARD POST	TRH	TRAFFIC MANHOLE
(V)	OVERHEAD ELECTRICAL WATER METER	WH	WATER MANHOLE
	POLE ANCHOR	POLE	EXISTING POLE
	FIRE HYDRANT		GUY WIRE
CL	CENTER LINE	GP	GUARD POST
EG	EDGE OF GRAVEL	INV	INVERT
	EXISTING CULVERT	BOC	BOTTOM OF CURB
HH	HYDRO MANHOLE	WM	WATER METER
SM	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

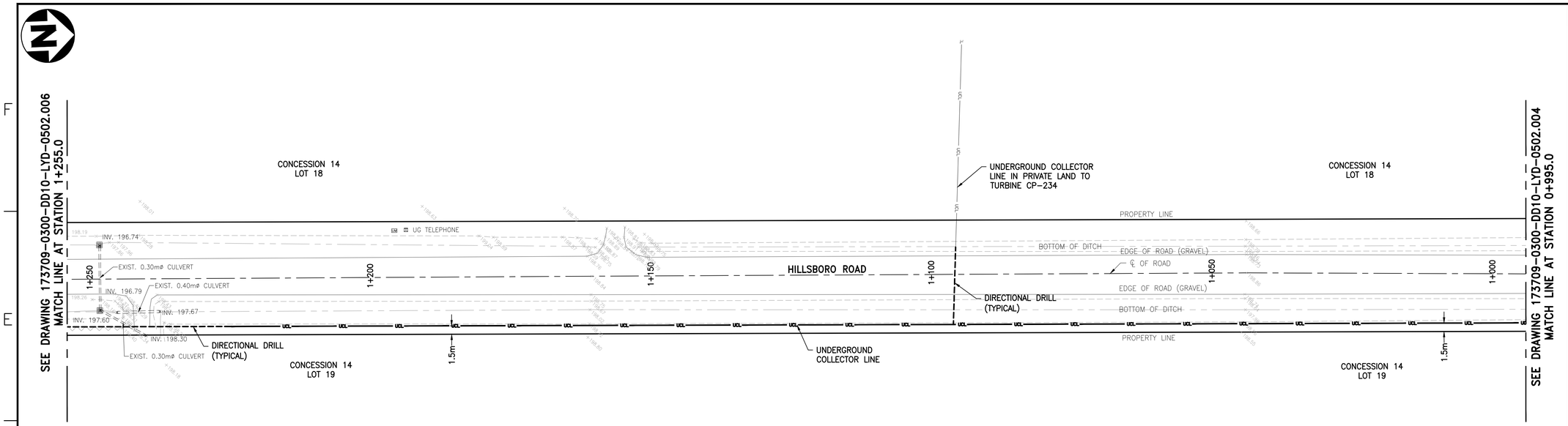
SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 0+735.0 TO 0+995.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT
CLIENT DWG. NO.	
DRAWING NO.	REV.
173709-0300-DD10-LYD-0502.004	X

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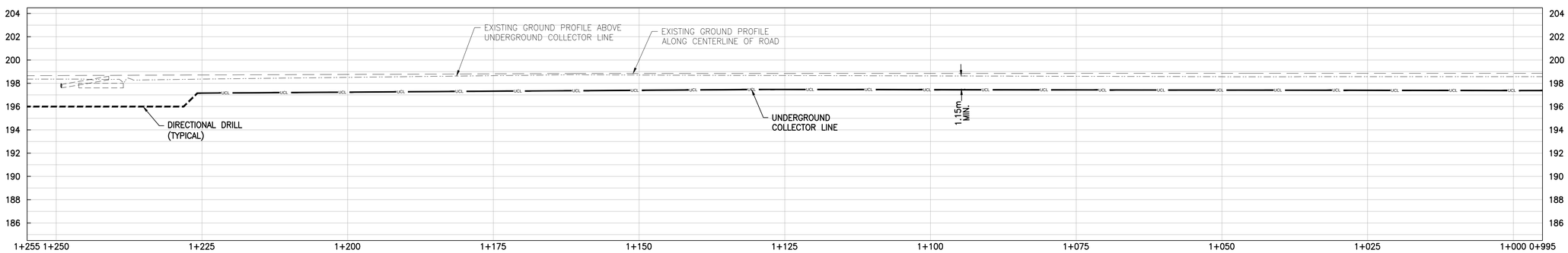
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PLT SIZE: A1



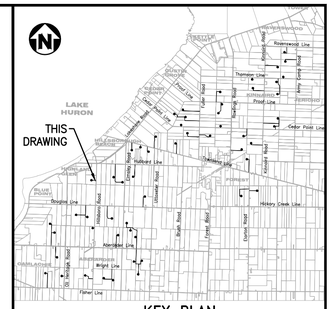
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
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4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
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LEGEND

GAS GAS GAS GAS	GAS LINE
OHV OHV	OVERHEAD HYDRO LINE
SA SA	SANITARY SEWER
ST ST	STORM SEWER
W W	WATERMAIN
B B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
(CB)	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
(V)	OVERHEAD ELECTRICAL		GUY WIRE
	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
SM	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 0+995.0 TO 1+255.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

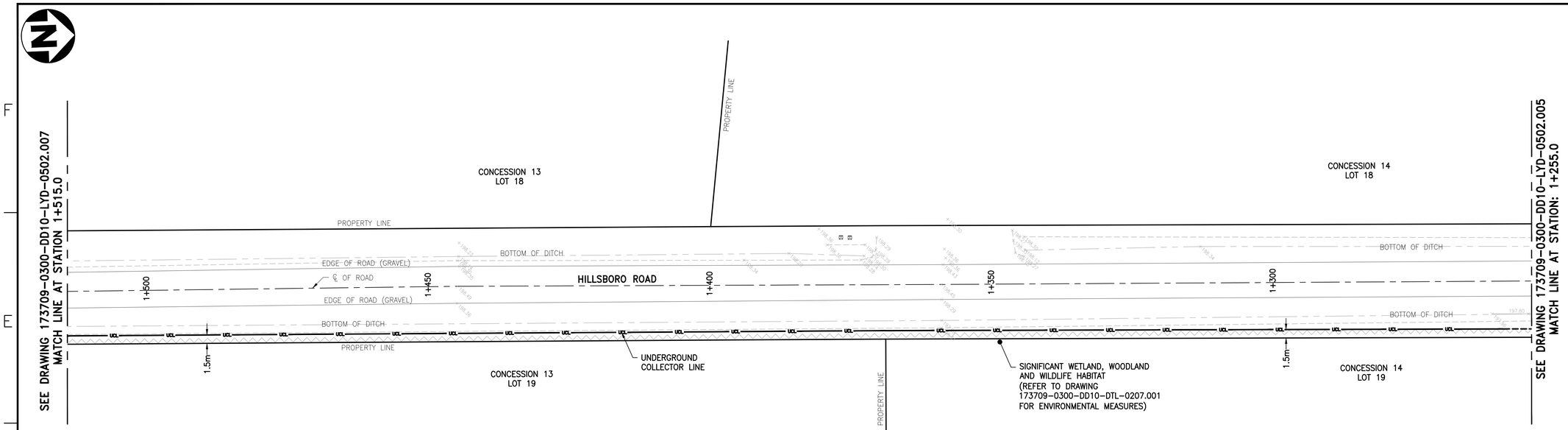
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DRAWING NO. 173709-0300-DD10-LYD-0502.005 REV. A

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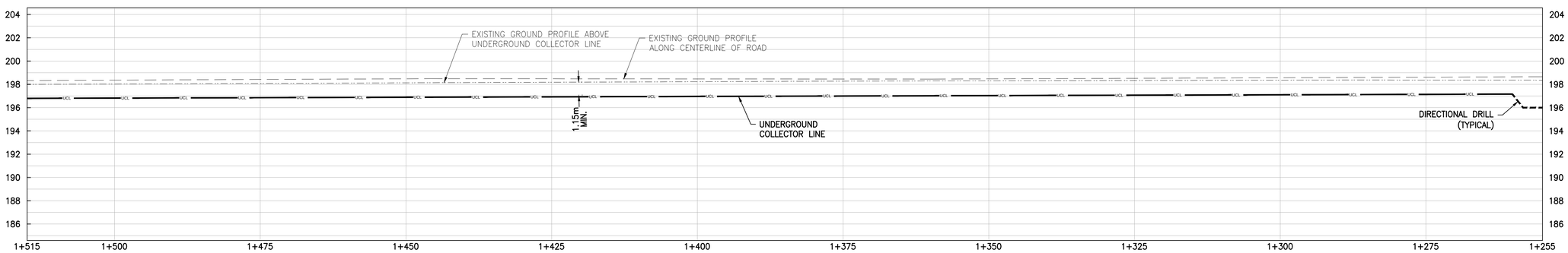
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DO NOT SCALE DRAWING



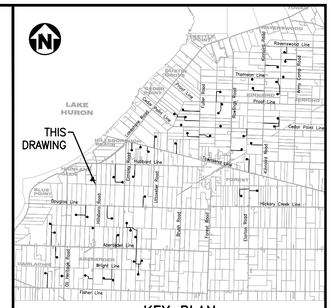
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TM	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
SM	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 1+255.0 TO 1+515.0

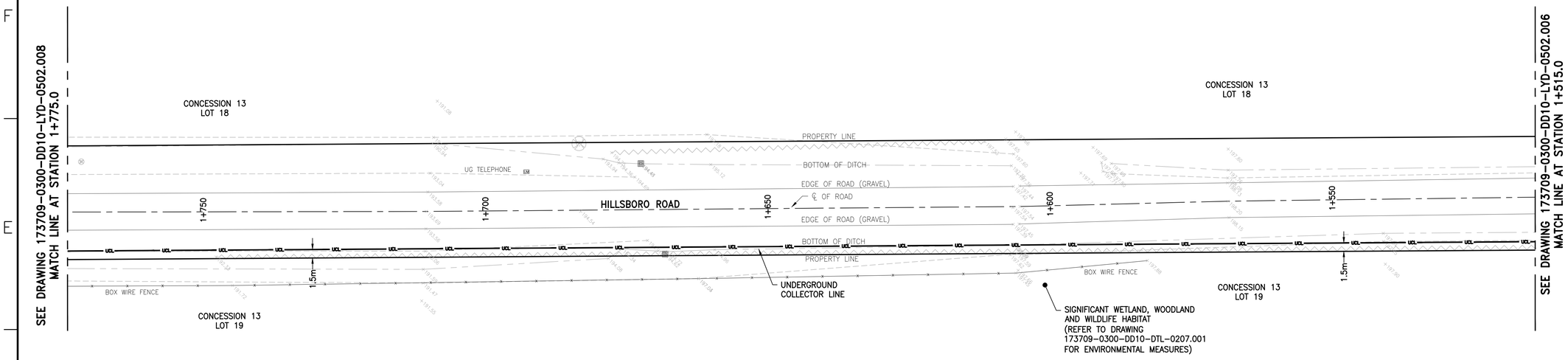
AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0502.006
REV. A

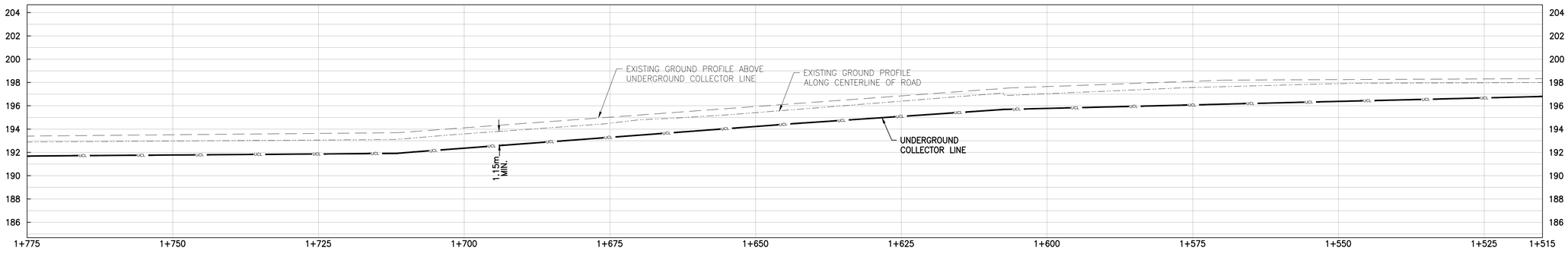
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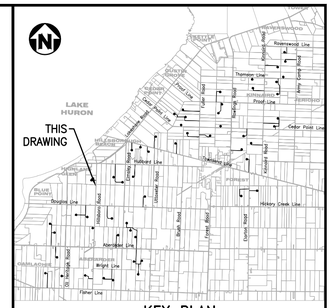
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
(V)	OVERHEAD ELECTRICAL		GUY WIRE
	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
		REFERENCES

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 1+515.0 TO 1+775.0

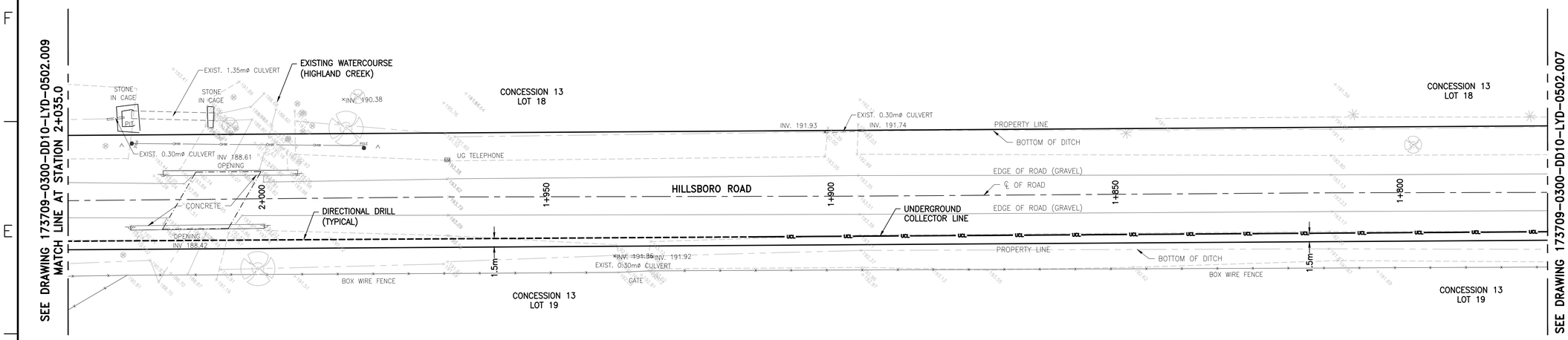
AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0502.007 REV. A

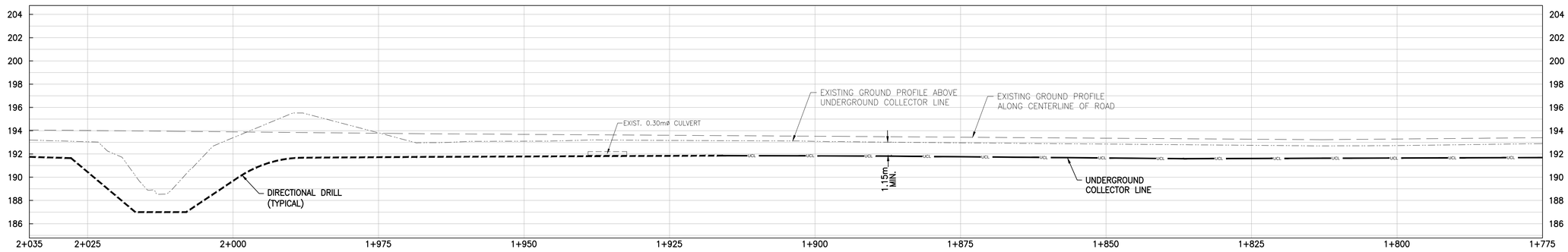
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CAD FILE: P:\CAD\GIS\173709-0300-DD10-LYD-0502.0001 TO 011.DWG



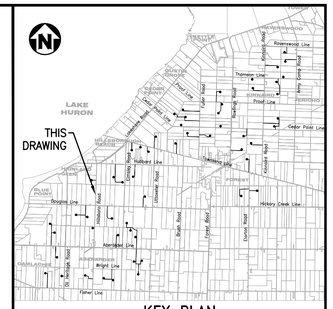
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
6. THE POSITION OF POLE LINES, CONDUITS, WATERMAIN, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN IRON BAR	TH	TELEPHONE MANHOLE
(C)	GAS	TRH	TRAFFIC MANHOLE
(GP)	GUARD POST	WH	WATER MANHOLE
	OVERHEAD ELECTRICAL	● POLE	EXISTING POLE
(V)	WATER METER		GUY WIRE
	POLE ANCHOR	○ GP	GUARD POST
	FIRE HYDRANT	INV	INVERT
CL	CENTER LINE	BOC	BOTTOM OF CURB
EG	EDGE OF GRAVEL	WM	WATER METER
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
SH	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 1+775.0 TO 2+035.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

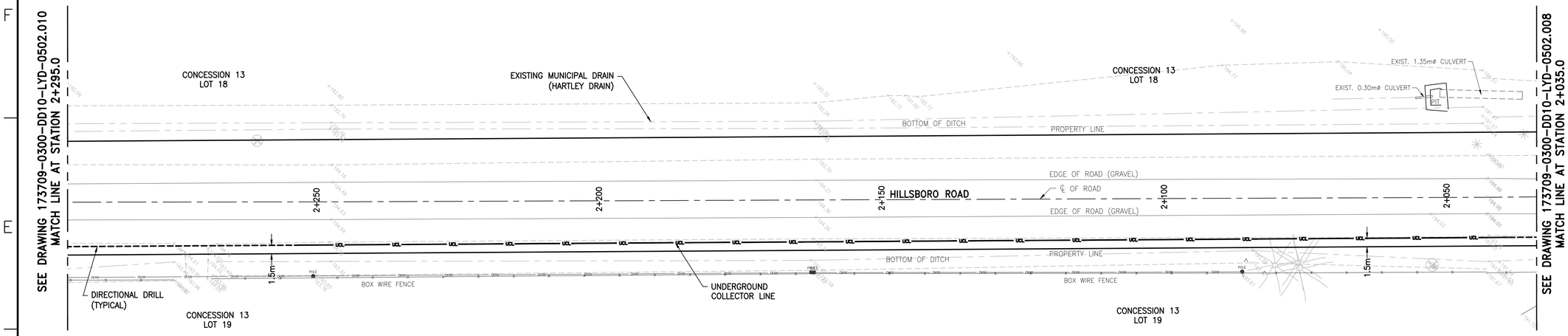
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0502.008 REV. A

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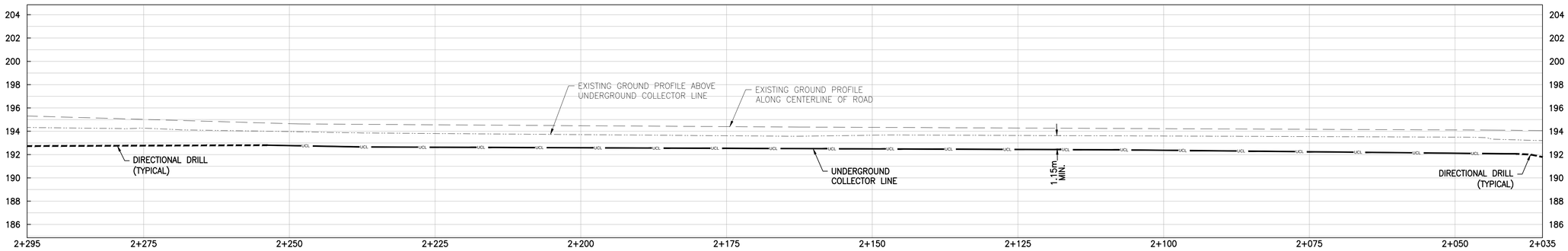
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DO NOT SCALE



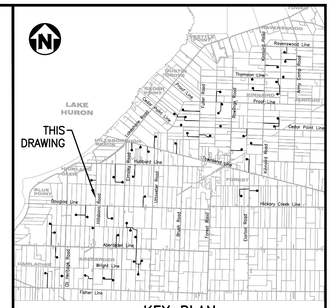
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
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4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN		TELEPHONE MANHOLE
(G)	GAS	TRH	TRAFFIC MANHOLE
(GP)	GUARD POST	WH	WATER MANHOLE
	OVERHEAD ELECTRICAL	POLE	EXISTING POLE
(V)	WATER METER		GUY WIRE
	POLE ANCHOR	GP	GUARD POST
	FIRE HYDRANT	INV	INVERT
CL	CENTER LINE	BOC	BOTTOM OF CURB
EG	EDGE OF GRAVEL	WM	WATER METER
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
SM	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 2+035.0 TO 2+295.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

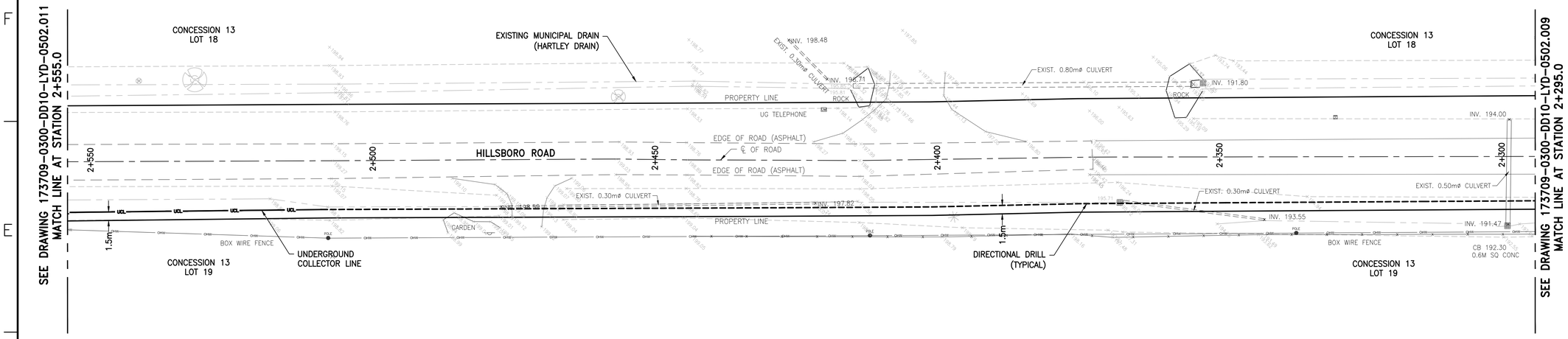
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0502.009 REV. A

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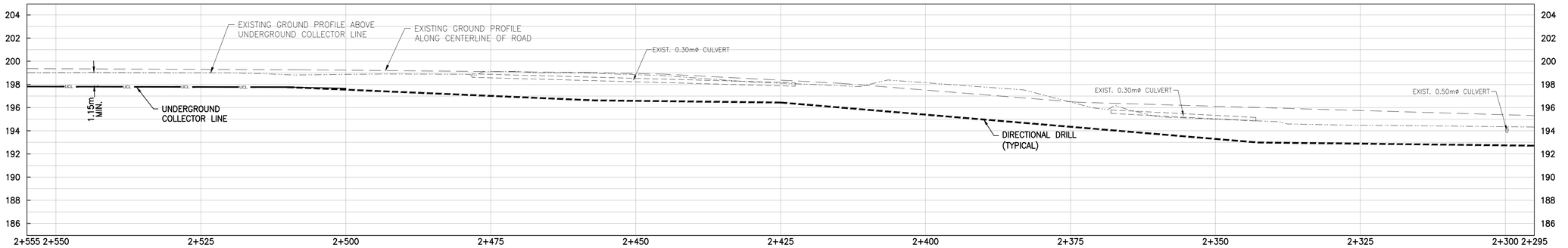
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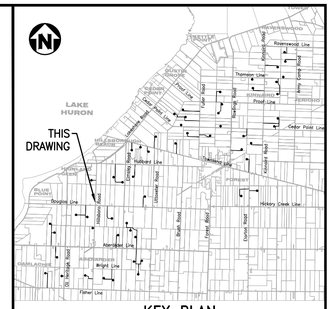
UNDERGROUND COLLECTOR LINE – PLAN

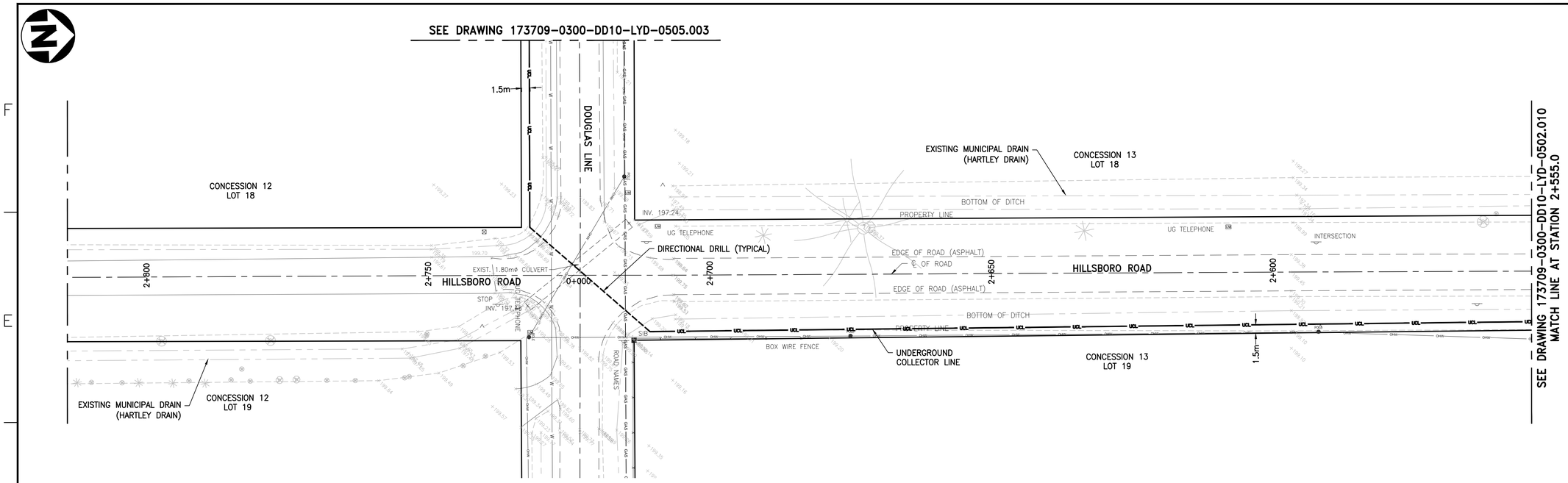
SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

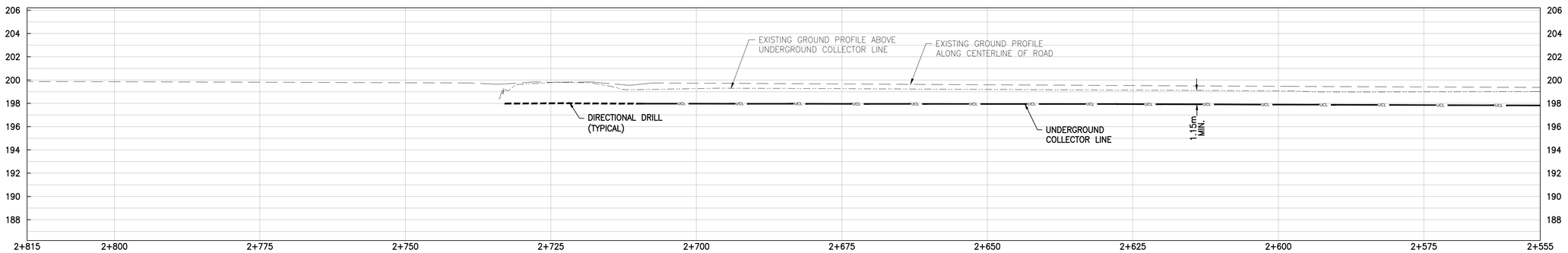
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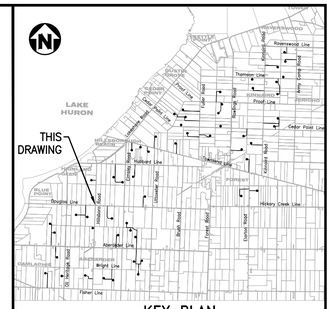
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
(CB)	CATCH BASIN	TH	TELEPHONE MANHOLE
(G)	GAS	TRH	TRAFFIC MANHOLE
(GP)	GUARD POST	WH	WATER MANHOLE
	OVERHEAD ELECTRICAL	POLE	EXISTING POLE
(V)	WATER METER		GUY WIRE
	POLE ANCHOR	GP	GUARD POST
	FIRE HYDRANT	INV	INVERT
CL	CENTER LINE	BOC	BOTTOM OF CURB
EG	EDGE OF GRAVEL	WM	WATER METER
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
SM	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 2+555.0 TO 2+815.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

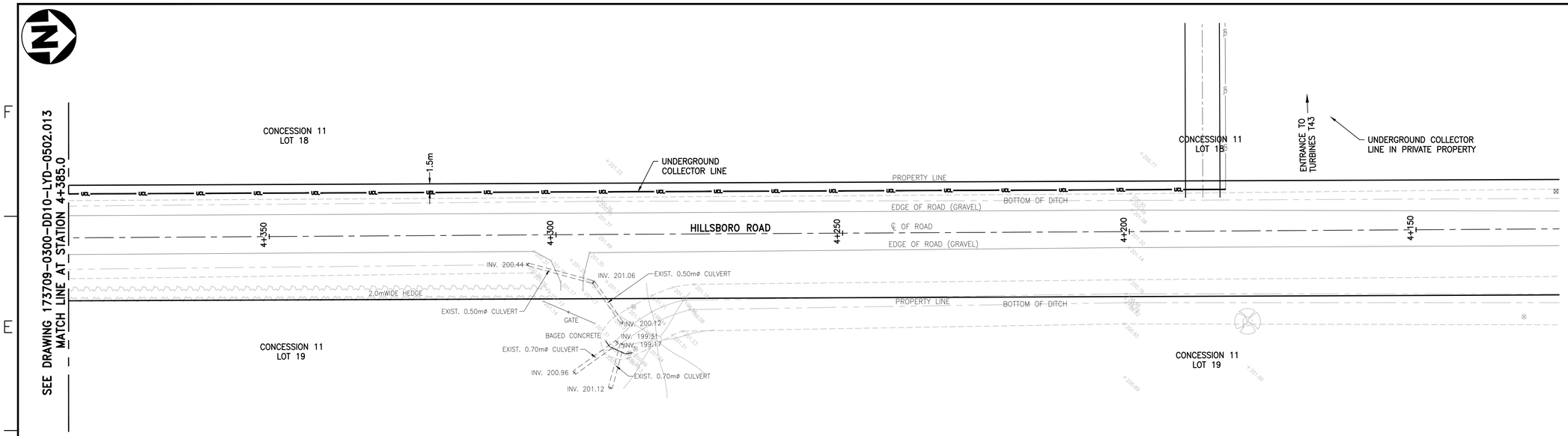
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0502.011 REV. A

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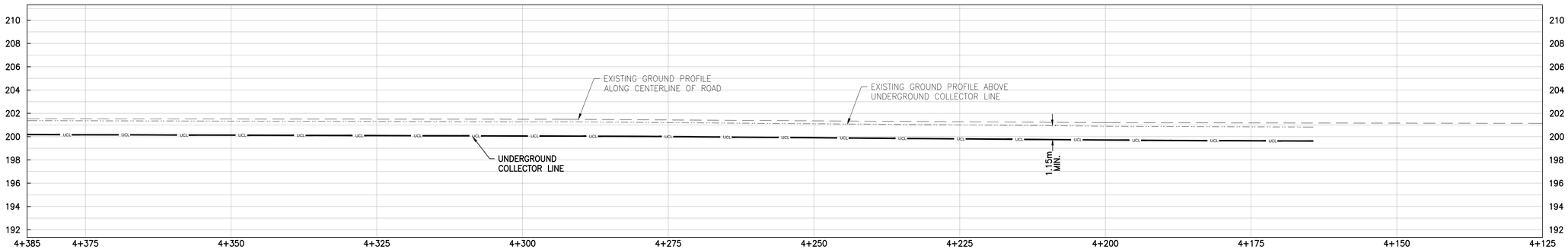
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DO NOT SCALE DRAWING



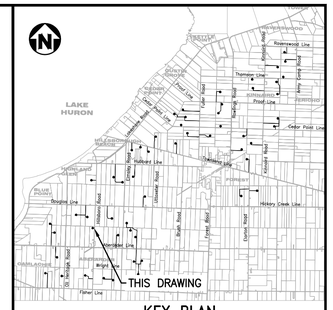
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
SH	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

NOT TO BE USED FOR CONSTRUCTION

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	27JUN2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 4+125.0 TO 4+385.0

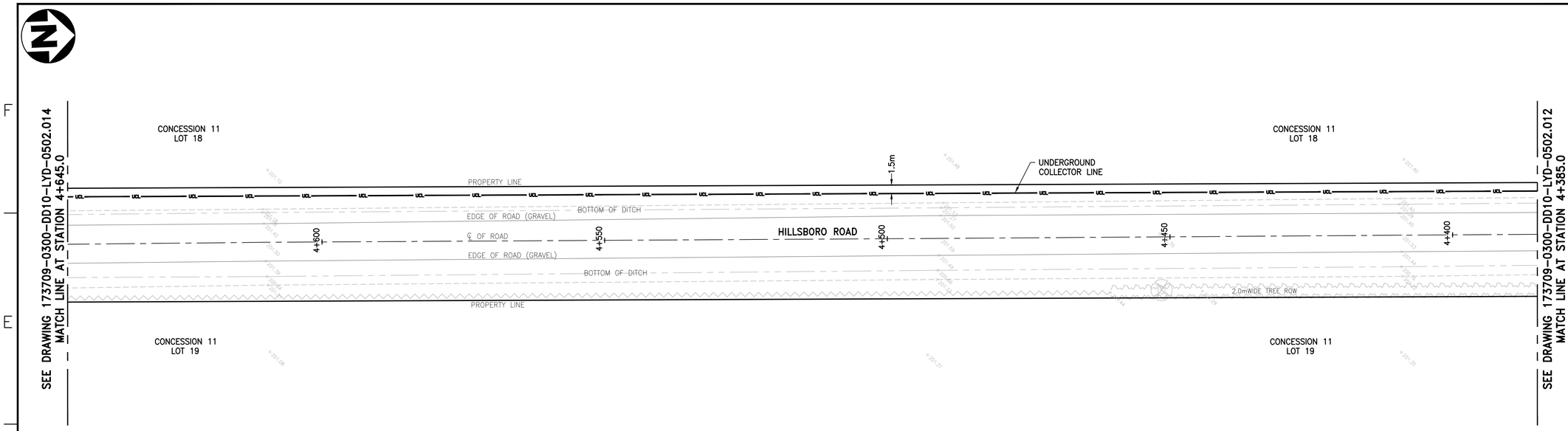
AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO.	REV.
173709-0300-DD10-LYD-0502.012	B

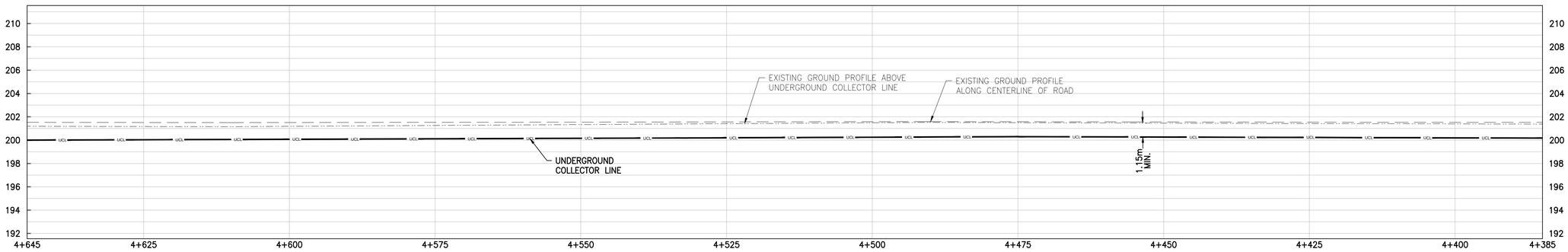
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(OAKVILLE)

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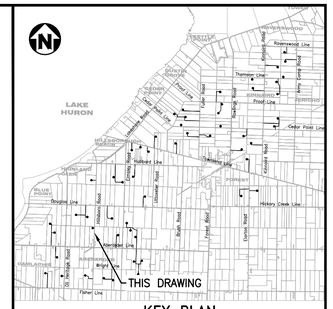
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
6. THE POSITION OF POLE LINES, CONDUITS, WATERMAIN, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	27JUN2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 4+385.0 TO 4+645.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

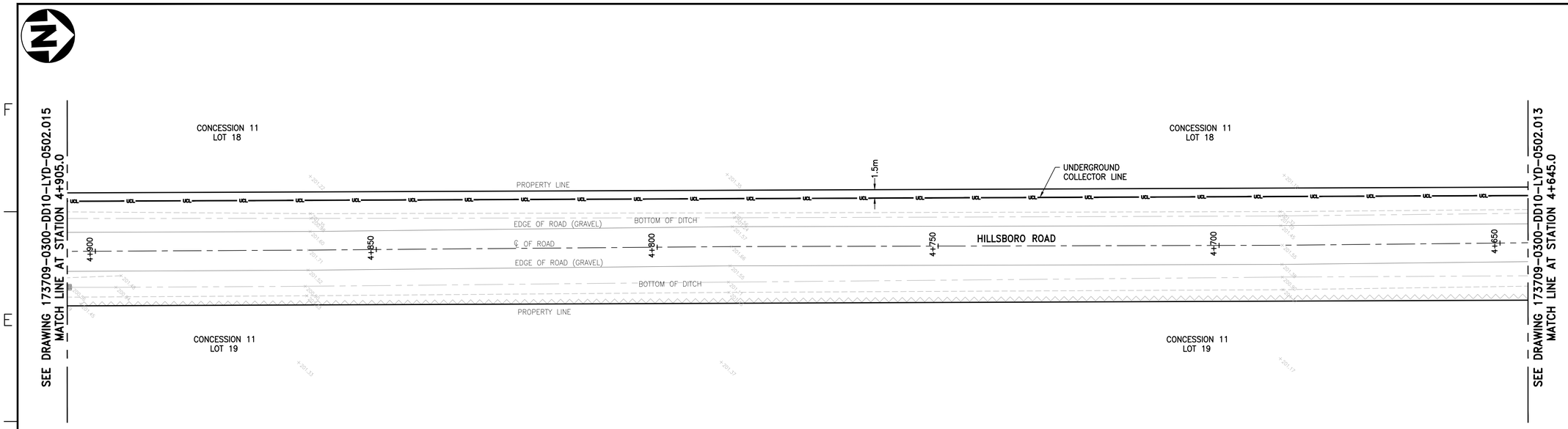
CLIENT DWG. NO.

DRAWING NO.	REV.
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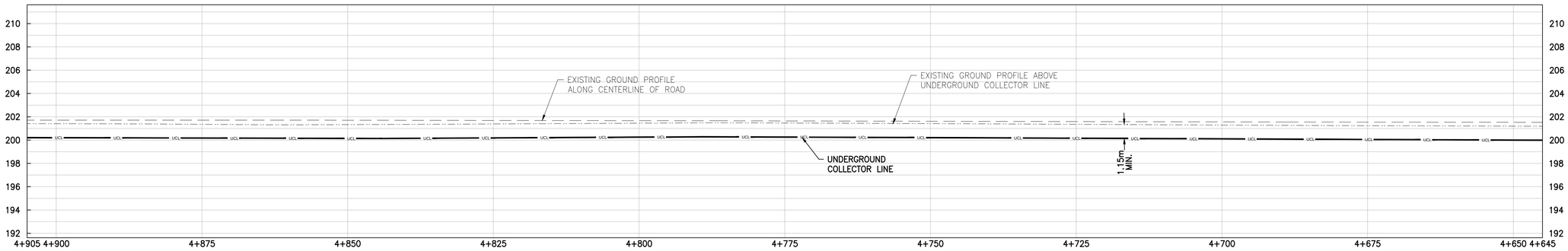
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DO NOT SCALE



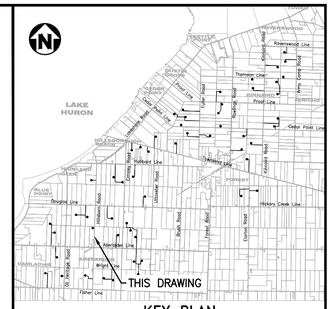
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - -	DIRECTIONAL DRILL PATH
(CB)	CATCH BASIN
(CO)	CLEAN OUT
(WSO)	WATER SHUTOFF
(F/C)	FACE OF CURB
(T/C)	TOP OF CURB
(M)	MAILBOX
(MH)	MANHOLE
(EH)	ELECTRICAL HANDHOLE
	CATCH BASIN
	IRON BAR
(G)	GAS
(GP)	GUARD POST
	OVERHEAD ELECTRICAL
(V)	WATER METER
	POLE ANCHOR
	FIRE HYDRANT
CL	CENTER LINE
EG	EDGE OF GRAVEL
	EXISTING CULVERT
HM	HYDRO MANHOLE
	SEWER MANHOLE
X 250.00	EXISTING GROUND ELEVATION
WSO	WATER SHUT OFF
GM	GAS METER
GV	GAS VALVE
HM	HYDRO METER
	TELEPHONE PEDESTAL
	SIGN
	TESTHOLE
BM	BENCH MARK
TH	TELEPHONE MANHOLE
TRH	TRAFFIC MANHOLE
WH	WATER MANHOLE
POLE	EXISTING POLE
	GUY WIRE
GP	GUARD POST
INV	INVERT
BOC	BOTTOM OF CURB
WM	WATER METER

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	27JUN2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 4+645.0 TO 4+905.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

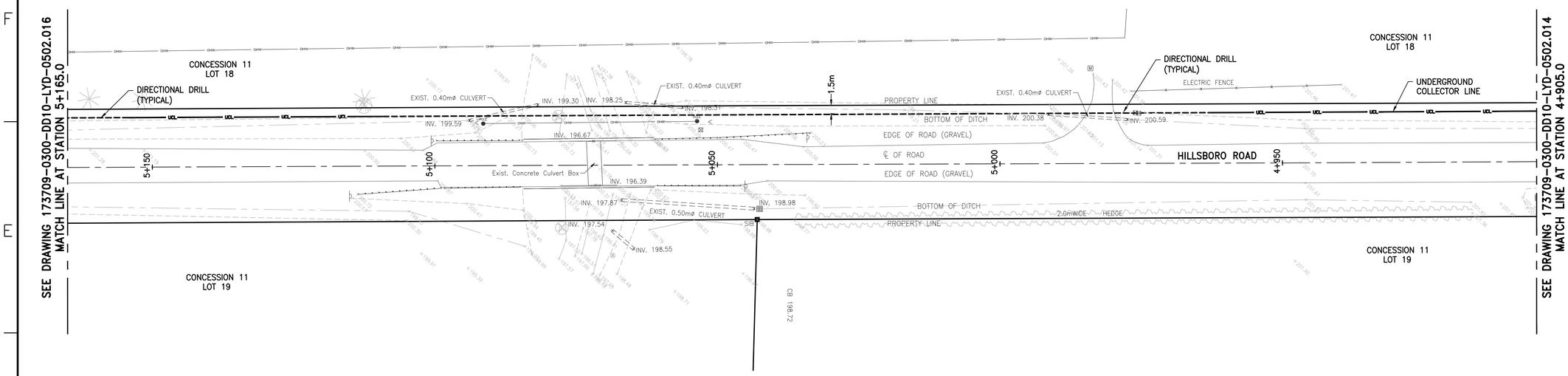
CLIENT DWG. NO.

DRAWING NO.	REV.
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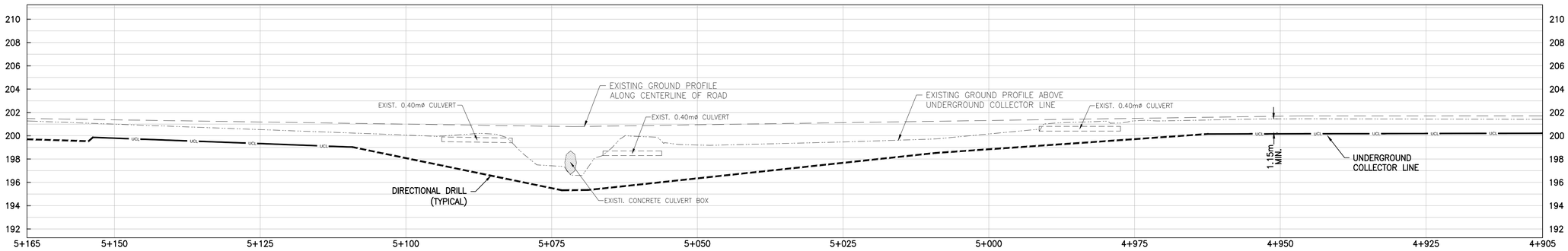
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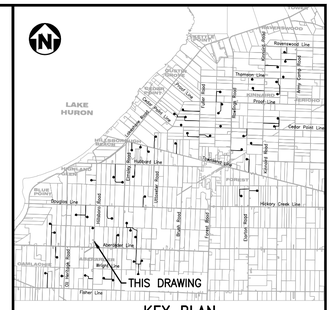
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
(V)	OVERHEAD ELECTRICAL WATER METER		GUY WIRE
	POLE ANCHOR	GP	GUARD POST
	FIRE HYDRANT	INV	INVERT
CL	CENTER LINE	BOC	BOTTOM OF CURB
EG	EDGE OF GRAVEL	WM	WATER METER
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
SM	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	27JUN2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
		REFERENCES

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 4+905.0 TO 5+165.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

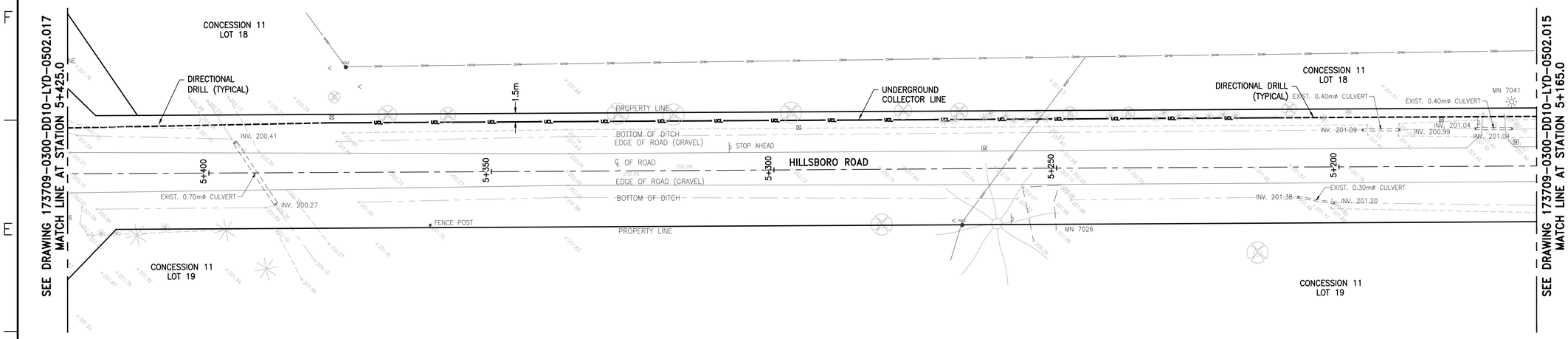
CLIENT DWG. NO.

DRAWING NO.	REV.
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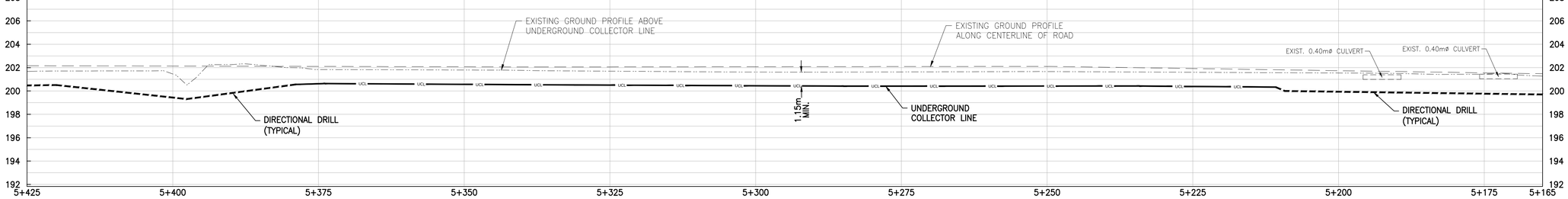
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DO NOT SCALE



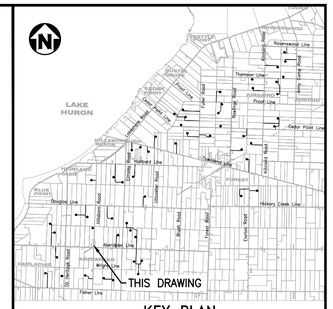
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT		GAS METER
(WSO)	WATER SHUTOFF		GAS VALVE
(F/C)	FACE OF CURB		HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE		WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 5+165.0 TO 5+425.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

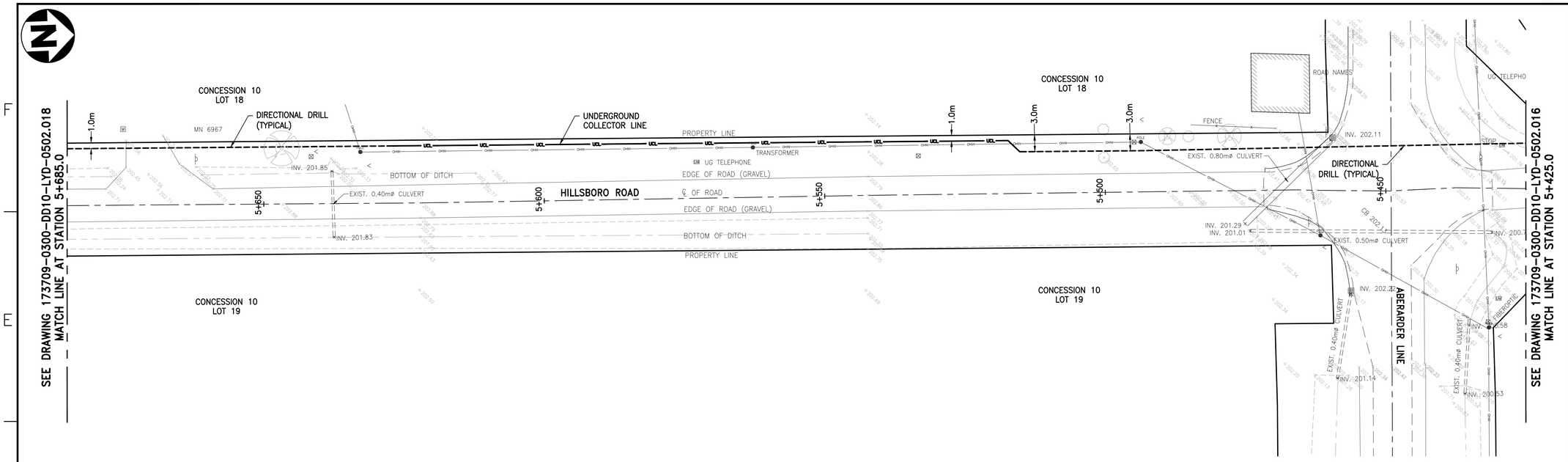
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DWG FILE: P:\CAD\CIVIL\173709-0300-DD10-LYD-0502.012 TO 024-ALT.DWG

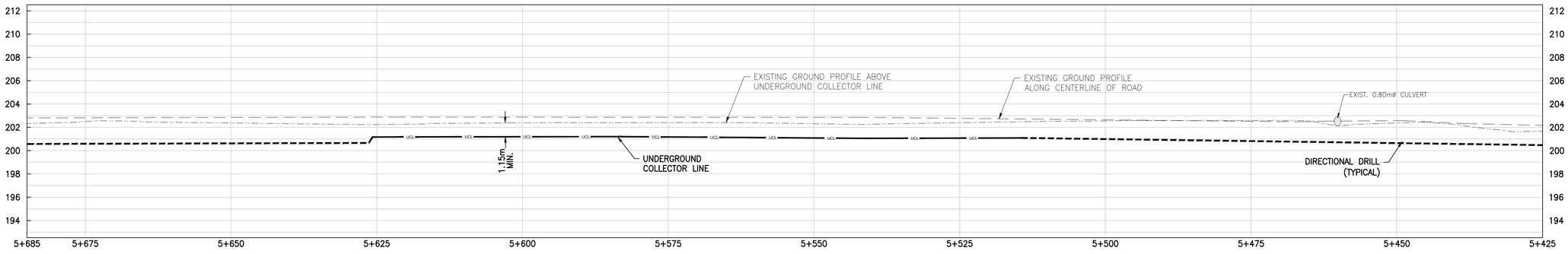
DO NOT SCALE DRAWING

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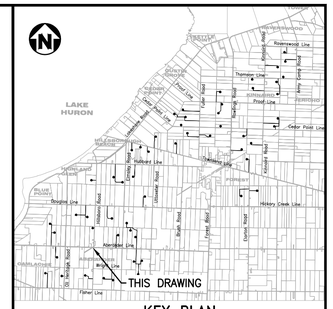
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

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4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
6. THE POSITION OF POLE LINES, CONDUITS, WATERMAIN, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS GAS GAS GAS	GAS LINE
OHV OHV	OVERHEAD HYDRO LINE
SA SA	SANITARY SEWER
ST ST	STORM SEWER
W W	WATERMAIN
B B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH
(CB)	CATCH BASIN
(CO)	CLEAN OUT
(WSO)	WATER SHUTOFF
(F/C)	FACE OF CURB
(T/C)	TOP OF CURB
(M)	MAILBOX
(MH)	MANHOLE
(EH)	ELECTRICAL HANDHOLE
	CATCH BASIN
	IRON BAR
(G)	GAS
(GP)	GUARD POST
	OVERHEAD ELECTRICAL
(V)	WATER METER
	POLE ANCHOR
	FIRE HYDRANT
CL	CENTER LINE
EG	EDGE OF GRAVEL
	EXISTING CULVERT
HM	HYDRO MANHOLE
SM	SEWER MANHOLE
X 250.00	EXISTING GROUND ELEVATION
WSO	WATER SHUT OFF
GM	GAS METER
GV	GAS VALVE
HM	HYDRO METER
TP	TELEPHONE PEDESTAL
	SIGN
	TESTHOLE
BM	BENCH MARK
TH	TELEPHONE MANHOLE
TRH	TRAFFIC MANHOLE
WH	WATER MANHOLE
POLE	EXISTING POLE
	GUY WIRE
GP	GUARD POST
INV	INVERT
BOC	BOTTOM OF CURB
WM	WATER METER

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	27JUN2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE

REFERENCES

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 5+425.0 TO 5+685.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT
CLIENT DWG. NO.

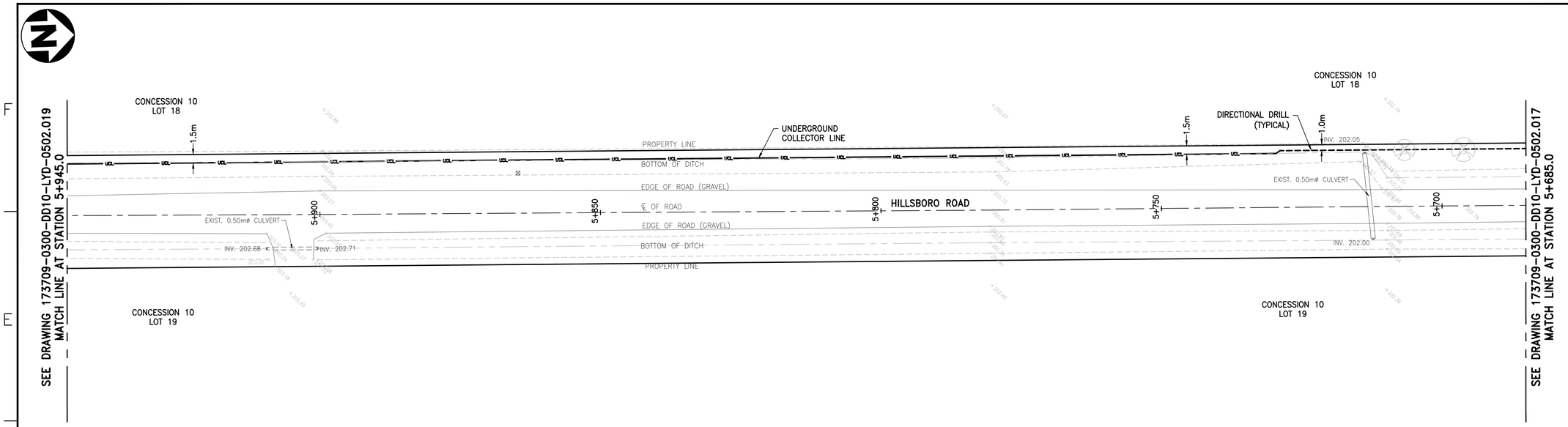
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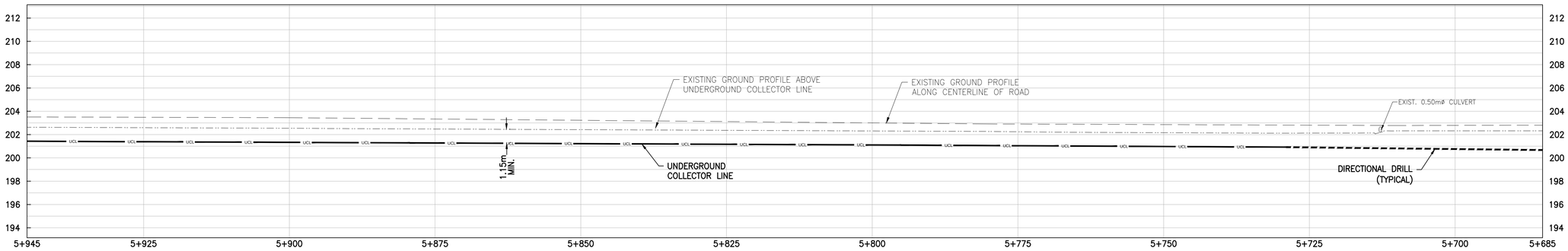
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A B C D E F



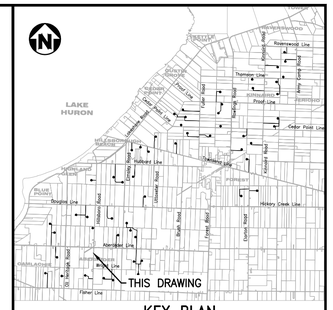
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	(TH)	TELEPHONE MANHOLE
	IRON BAR	(TRH)	TRAFFIC MANHOLE
(G)	GAS	(WH)	WATER MANHOLE
(GP)	GUARD POST	● POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	○ GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
(HH)	HYDRO MANHOLE		
(S)	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
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REF	NUMBER	TITLE
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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

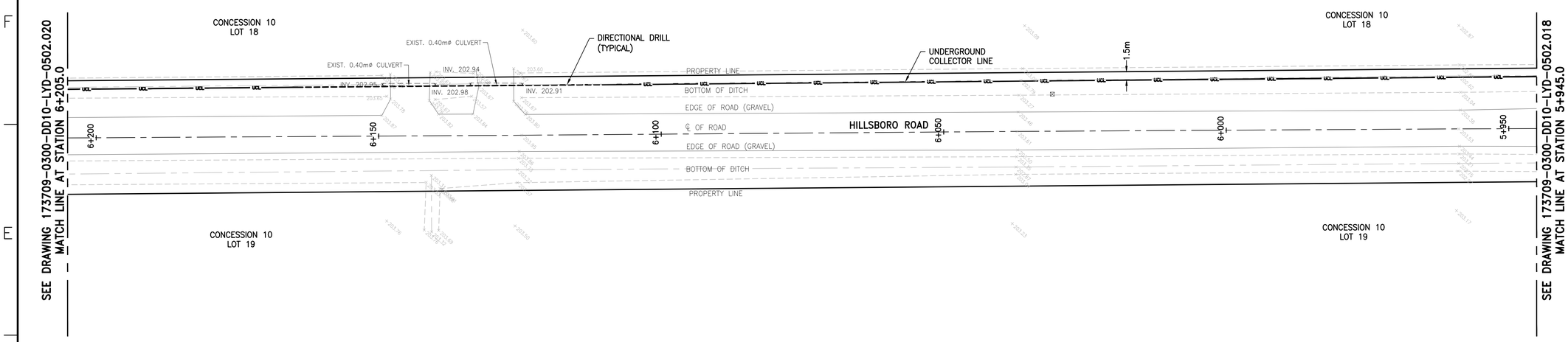
SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 5+685.0 TO 5+945.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

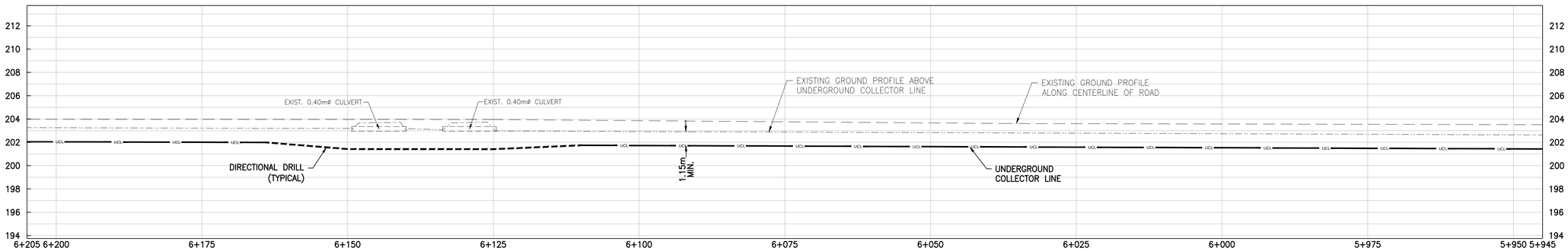
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CAD FILE PLACED ON \173709-0300-DD10-LYD-0502.012 TO 024-ALL.DWG



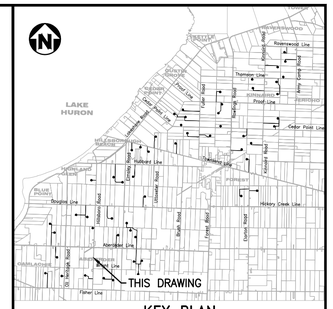
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	G	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	27JUN2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 5+945.0 TO 6+205.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

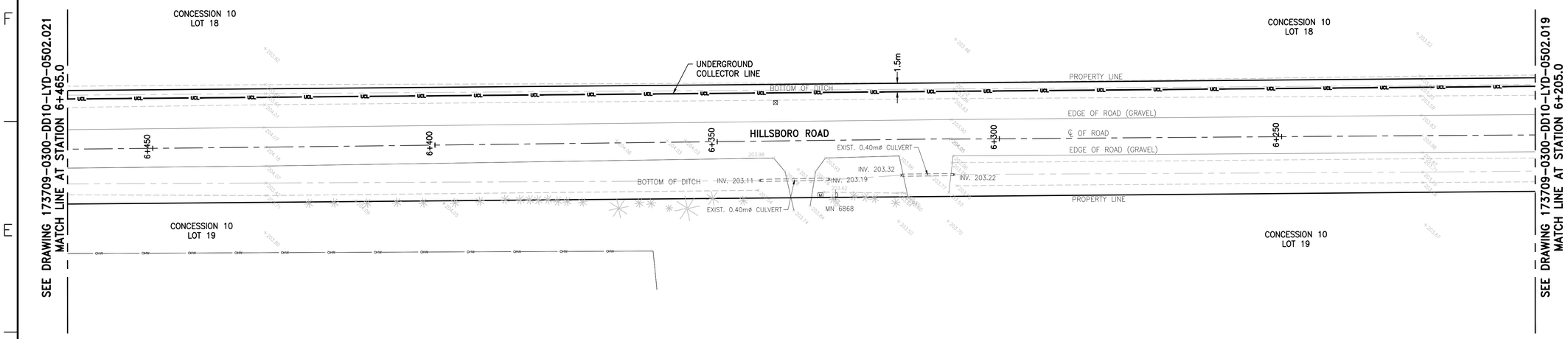
DRAWING NO. 173709-0300-DD10-LYD-0502.019 REV. B

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DWG FILE: P:\CAD\CAD\173709-0300-DD10-LYD-0502.012 TO 024-ALT.DWG

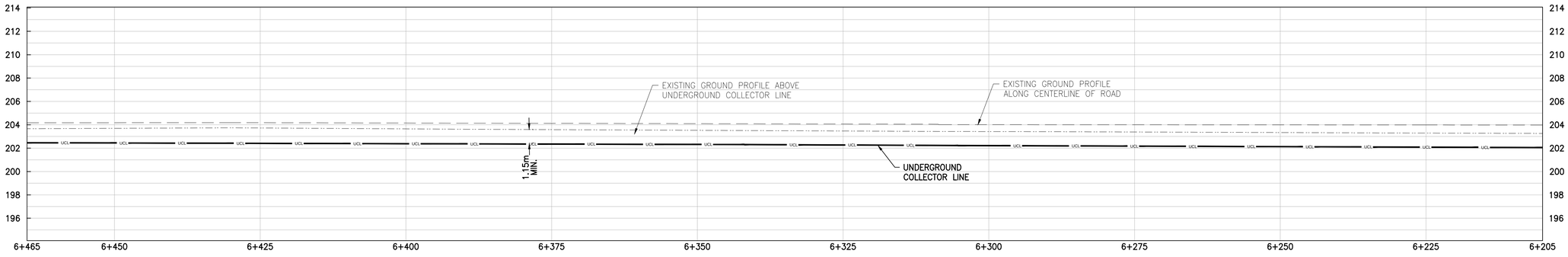
DO NOT SCALE DRAWING

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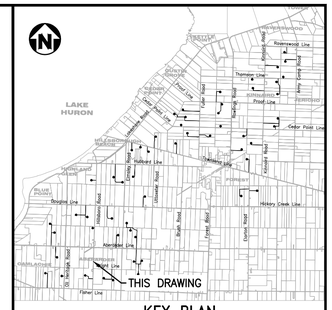
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	⊠	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	⊠	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
SM	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 6+205.0 TO 6+465.0

AREA 0300

SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

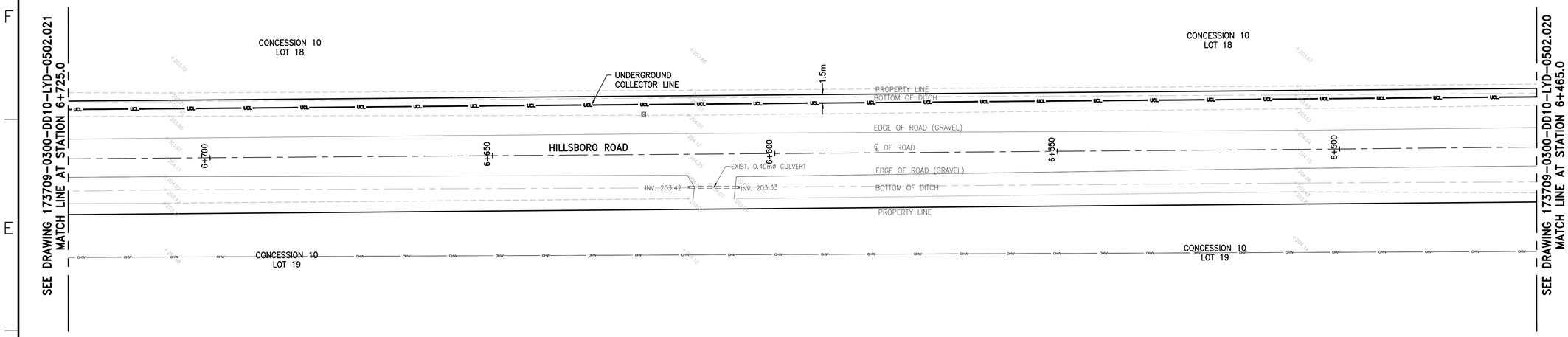
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0502.020 REV. B

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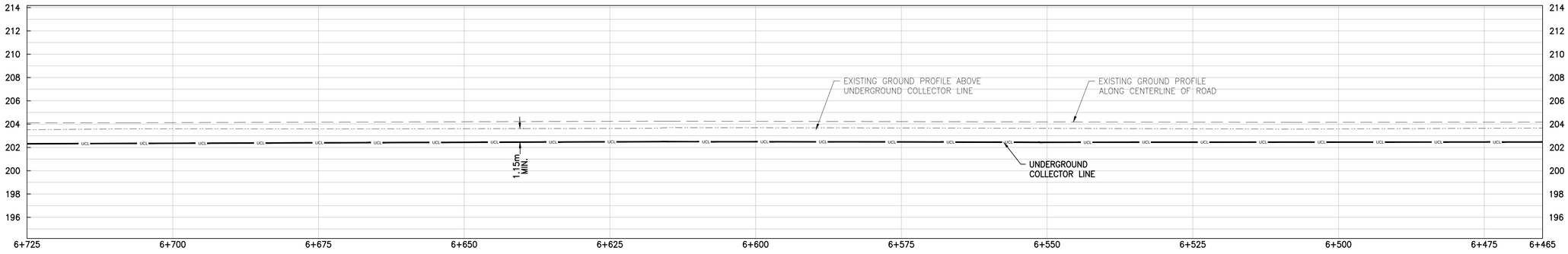
CAD FILE PLACED ON \173709-0300-DD10-LYD-0502.019 TO 024-ALL.DWG

DO NOT SCALE DRAWING



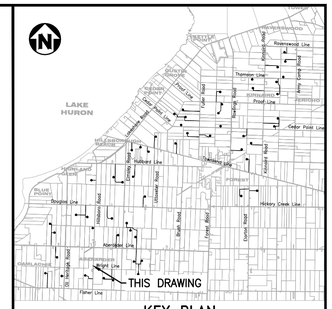
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

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LEGEND

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SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
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UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT		GAS METER
(WSO)	WATER SHUTOFF		GAS VALVE
(F/C)	FACE OF CURB		HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
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(MH)	MANHOLE		TESTHOLE
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	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE		WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	27JUN2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 6+465.0 TO 6+725.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

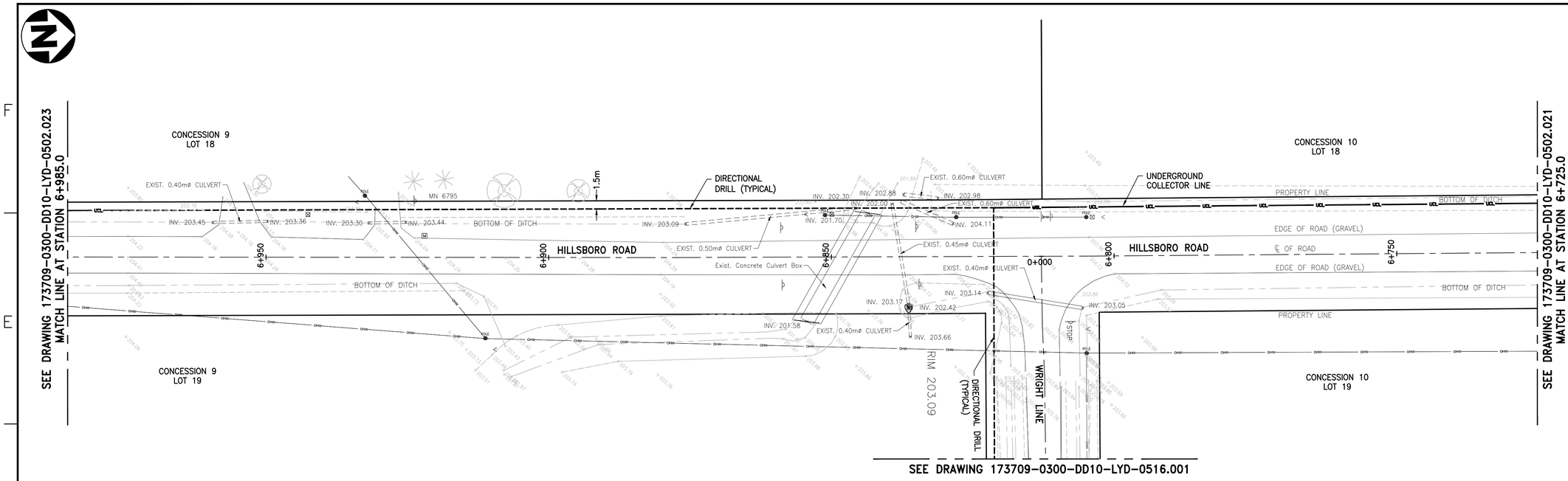
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DRAWING NO. 173709-0300-DD10-LYD-0502.021 REV. B

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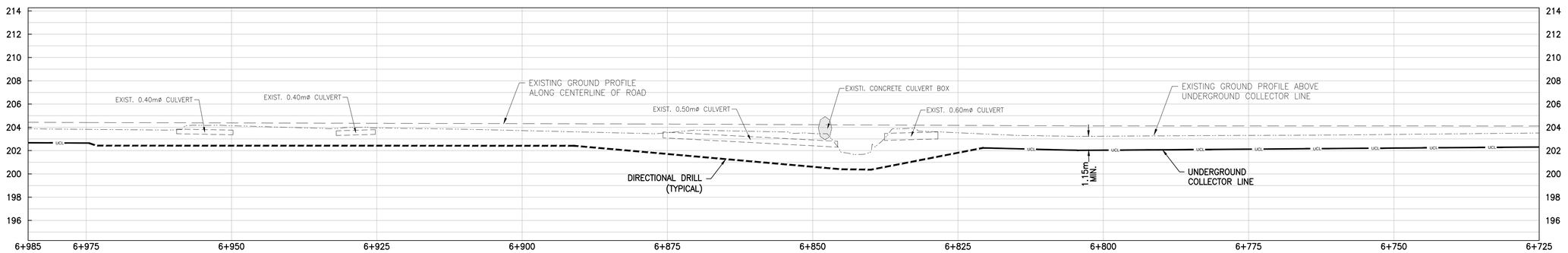
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DO NOT SCALE DRAWING



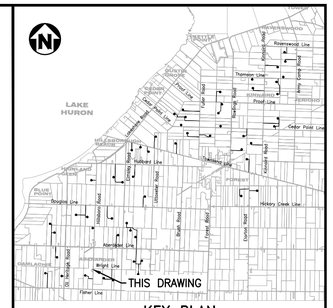
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
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4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
(G)	GAS	TH	TELEPHONE MANHOLE
(GP)	GUARD POST	TRH	TRAFFIC MANHOLE
(V)	OVERHEAD ELECTRICAL	WH	WATER MANHOLE
CL	WATER METER	POLE	EXISTING POLE
EG	POLE ANCHOR		GUY WIRE
	FIRE HYDRANT	GP	GUARD POST
	CENTER LINE	INV	INVERT
	EDGE OF GRAVEL	BOC	BOTTOM OF CURB
	EXISTING CULVERT	WM	WATER METER
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	27JUN2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 6+725.0 TO 6+985.0

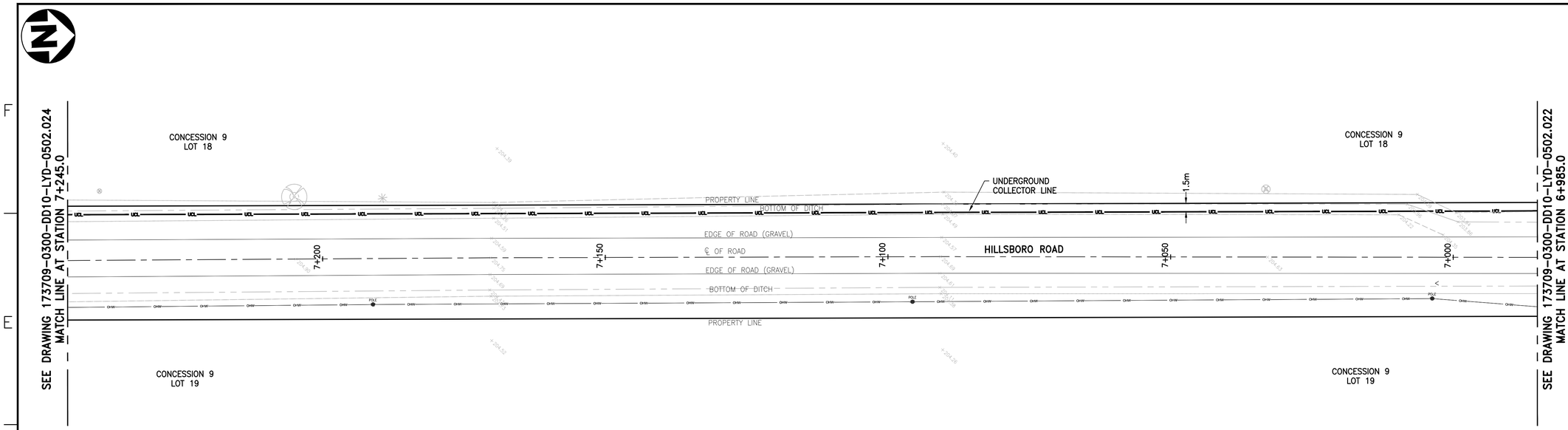
AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0502.022
REV. B

SAVED: 29-Sep-14 11:05 AM PLOTTED: 01-Oct-14 5:54 PM USER: GUO, MIKE (OAKVILLE)

CAD FILE: P:\CAD\OVV\173709-0300-DD10-LYD-0502.012 TO 024-ALT.DWG

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED

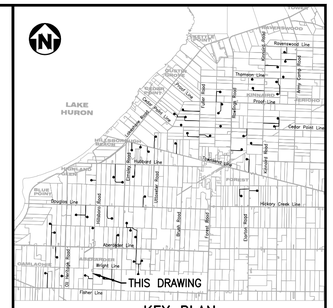


UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
SM	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	27JUN2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 6+985.0 TO 7+245.0

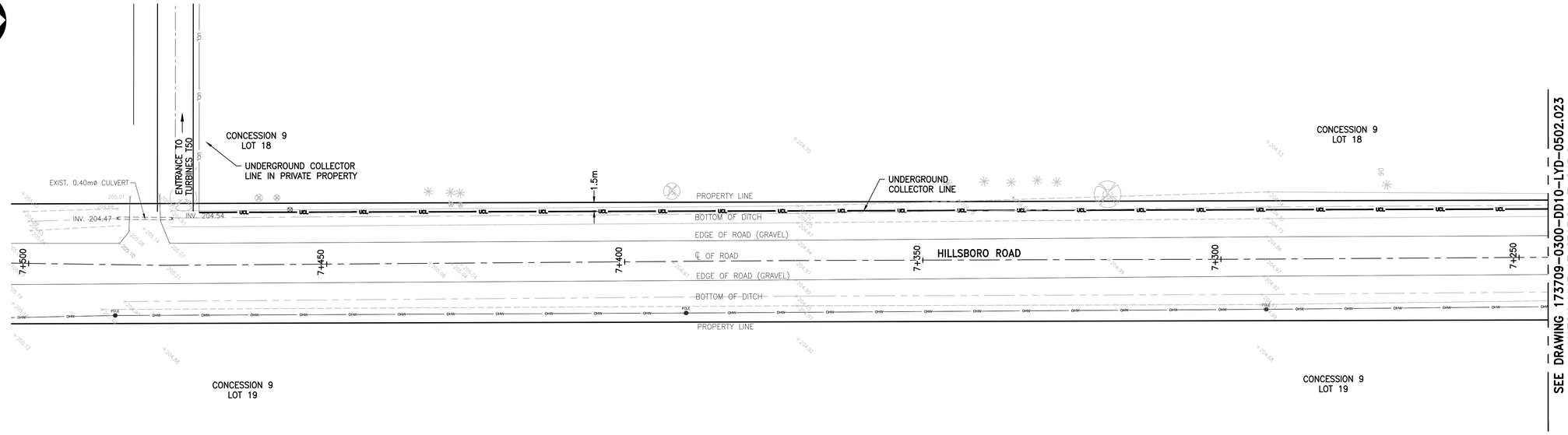
AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0502.023
REV. B

SAVED: 29-Sep-14 11:05 AM PLOTTED: 01-Oct-14 5:55 PM USER: GUO, MIKE (OAKVILLE)

CAD FILE: P:\CAD\CIVIL\173709-0300-DD10-LYD-0502.012 TO 024-ALT.DWG

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED

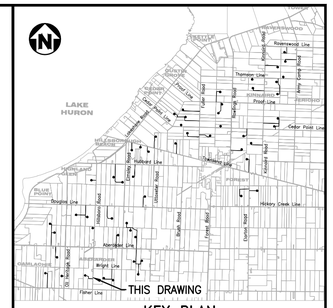


UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	☒	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
(G)	GAS	TH	TELEPHONE MANHOLE
(GP)	GUARD POST	TRH	TRAFFIC MANHOLE
(V)	OVERHEAD ELECTRICAL	WH	WATER MANHOLE
	WATER METER	POLE	EXISTING POLE
	POLE ANCHOR		GUY WIRE
	FIRE HYDRANT	GP	GUARD POST
CL	CENTER LINE	INV	INVERT
EG	EDGE OF GRAVEL	BOC	BOTTOM OF CURB
	EXISTING CULVERT	WM	WATER METER
HH	HYDRO MANHOLE		
SM	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	27JUN2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
		REFERENCES

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HILLSBORO ROAD
STATION 7+245.0 TO 7+505.0

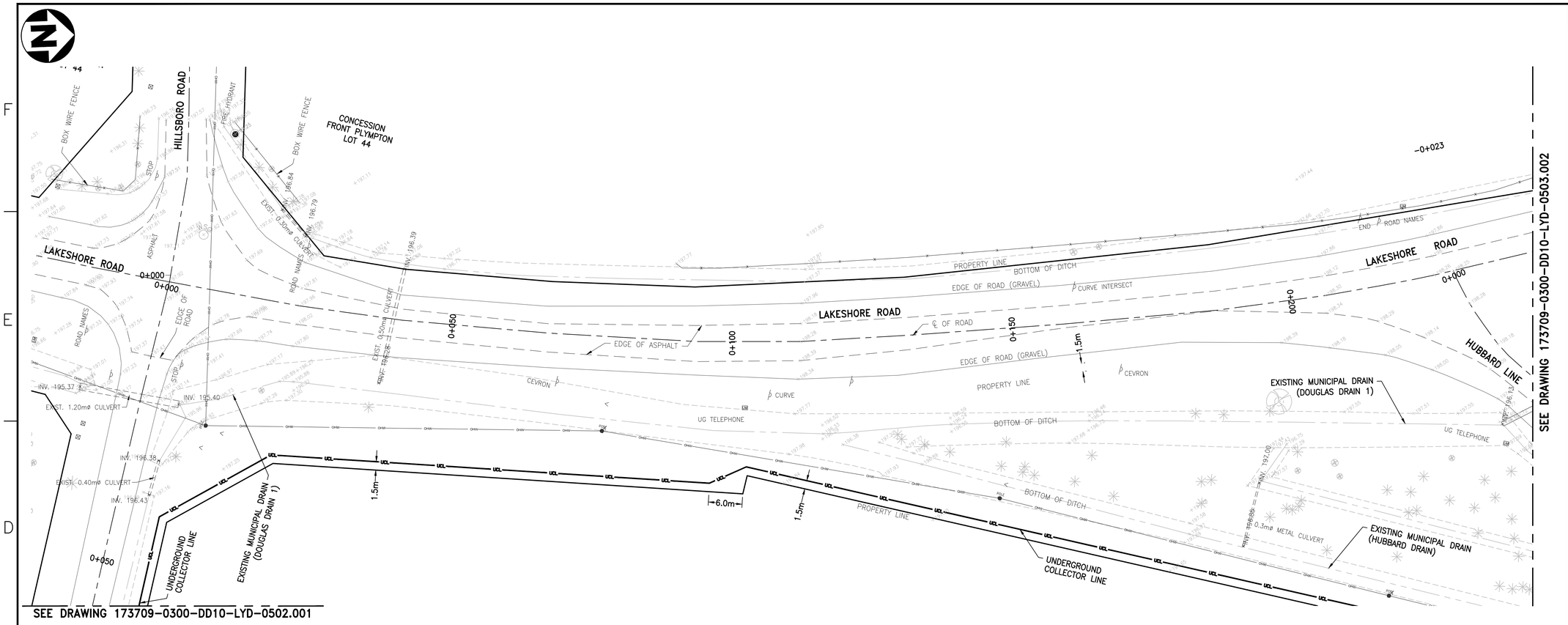
AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0502.024
REV. B

SAVED: 29-Sep-14 11:05 AM PLOTTED: 01-Oct-14 5:58 PM USER: GUO, MIKE (OAKVILLE)

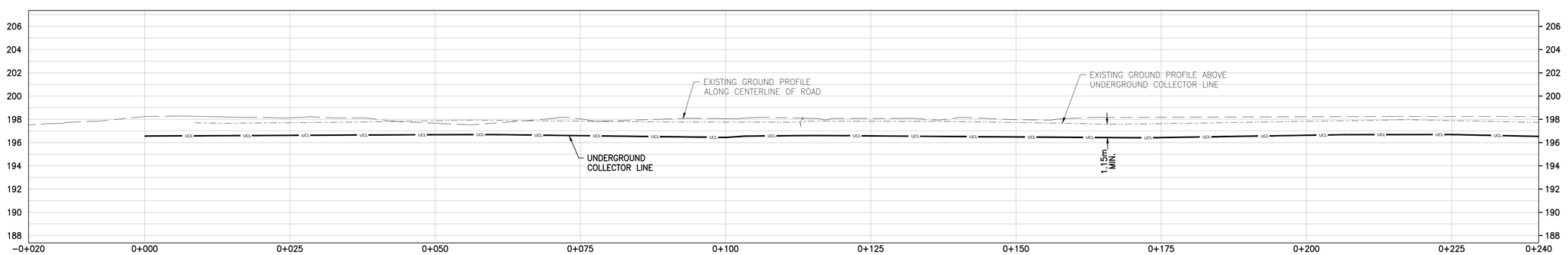
CAD FILE: P:\CAD\OVV\173709-0300-DD10-LYD-0502.012 TO 024-ALT.DWG

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED



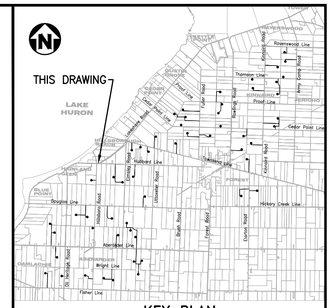
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



NOTES

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LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	(TH)	TELEPHONE MANHOLE
	IRON BAR	(TRH)	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
SM	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

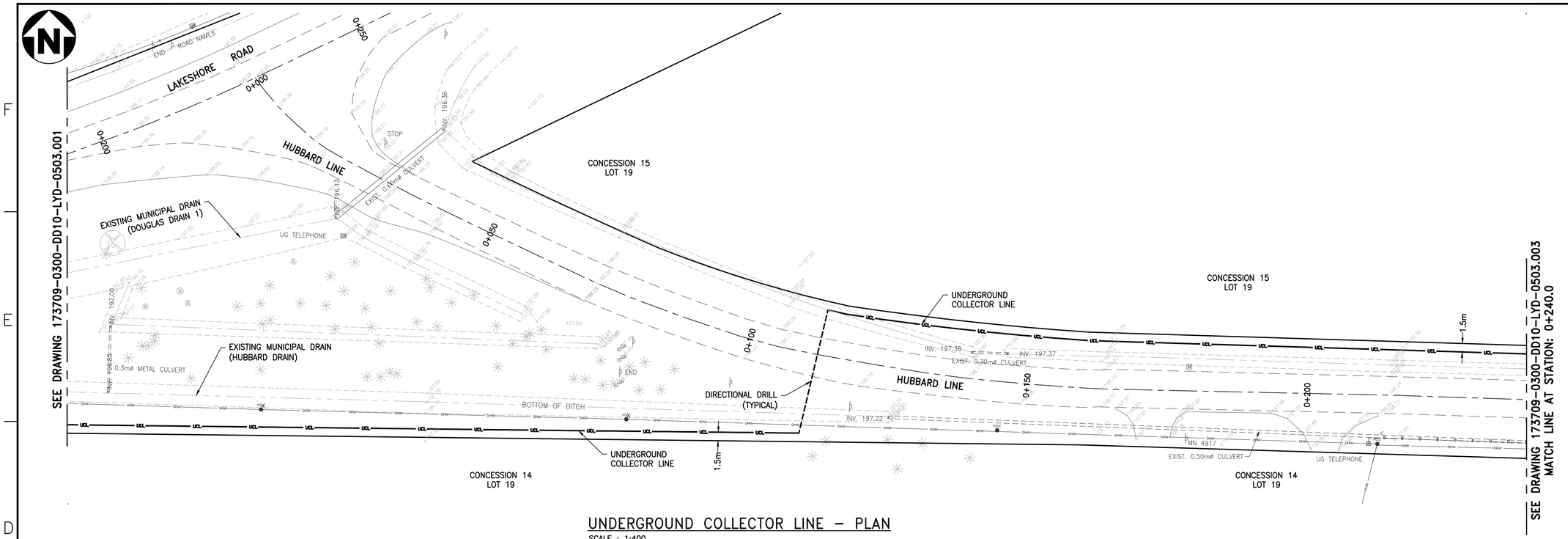
SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN
LAKESHORE ROAD
STATION 0+000.0 TO 0+245.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT
CLIENT DWG. NO.	
DRAWING NO.	173709-0300-DD10-LYD-0503.001
REV.	X

SAVED: 17-Sep-14 6:19 PM PLOTTED: 01-Oct-14 5:32 PM USER: GUO, MIKE (OAKVILLE)

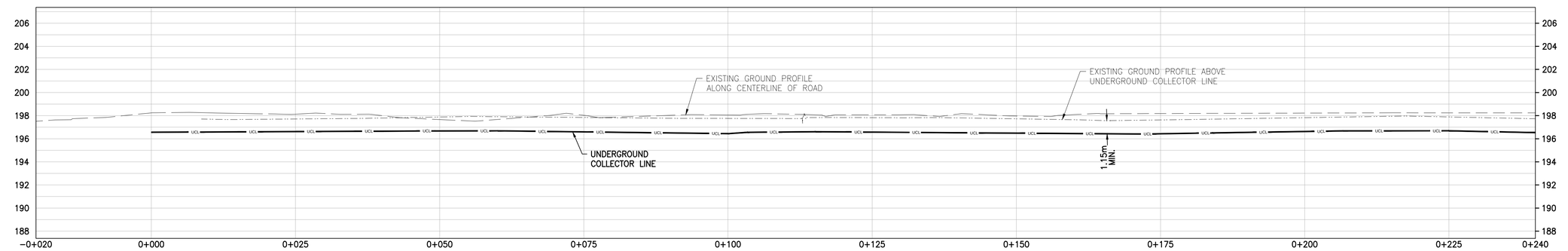
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DO NOT SCALE DRAWING



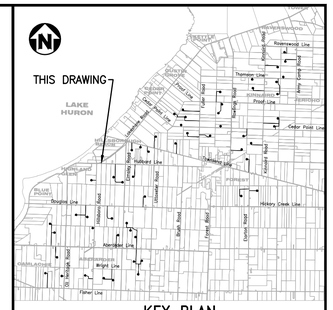
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
6. THE POSITION OF POLE LINES, CONDUITS, WATERMAIN, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

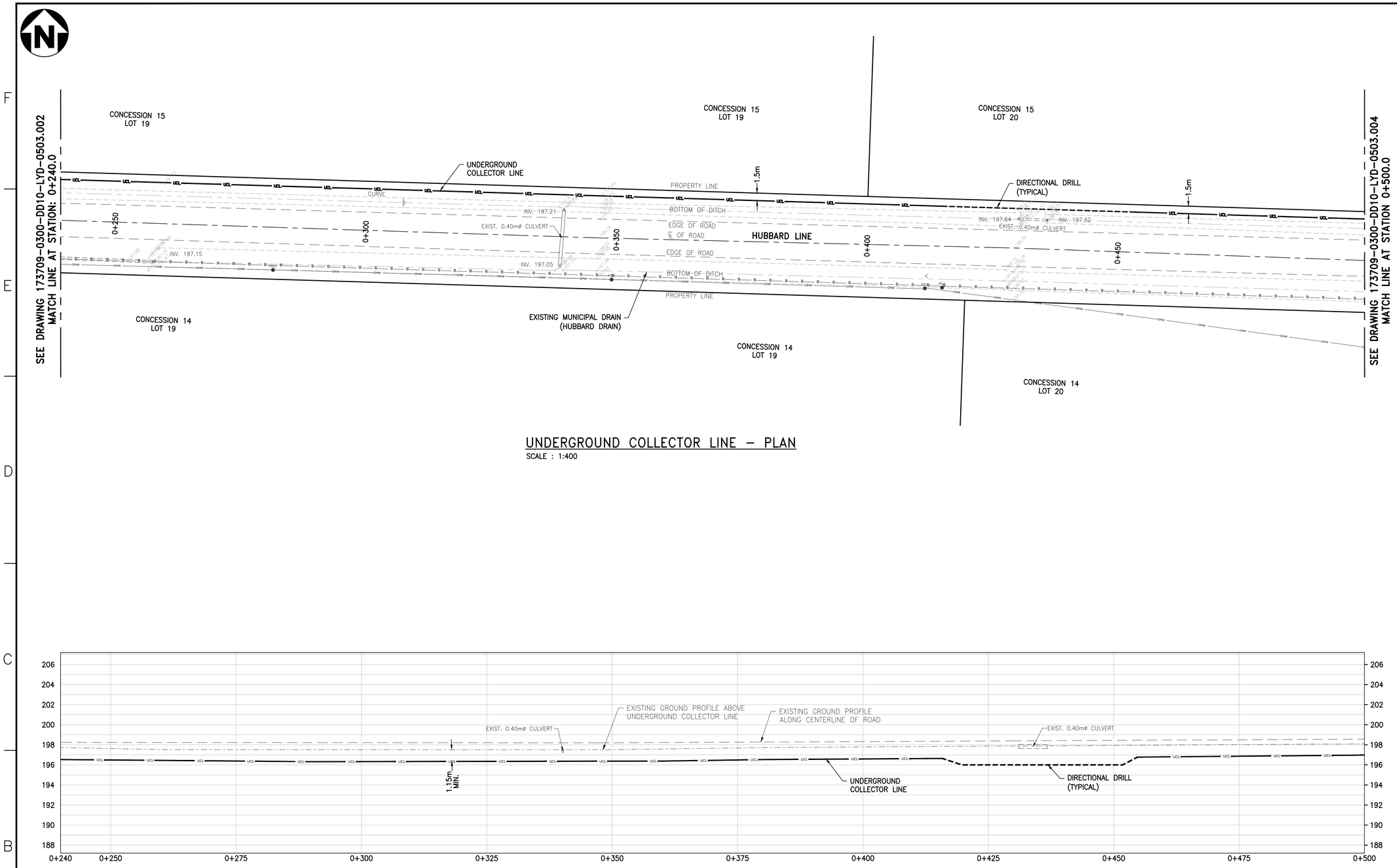
SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HUBBARD LINE
STATION 0+000.0 TO 0+240.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0503.002 REV. X

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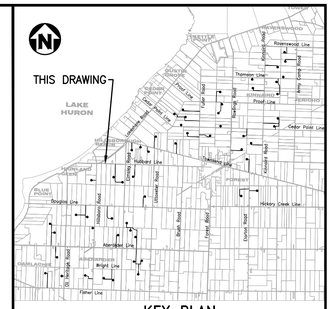


UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	MM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HUBBARD LINE
STATION 0+240.0 TO 0+500.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0503.003 REV. X

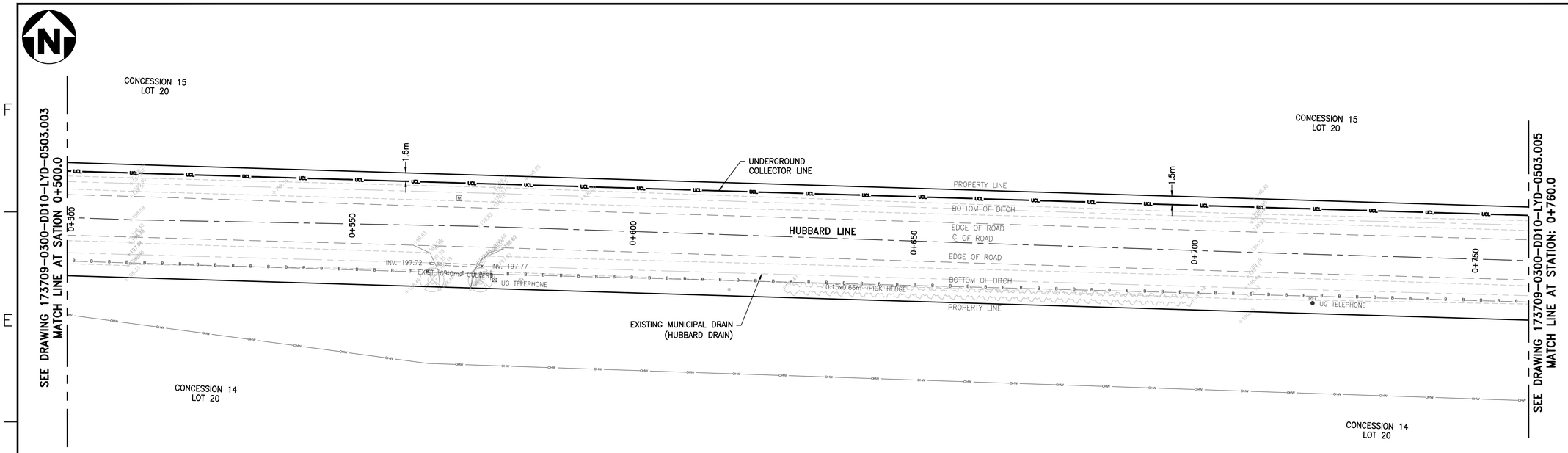
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DO NOT SCALE DRAWING

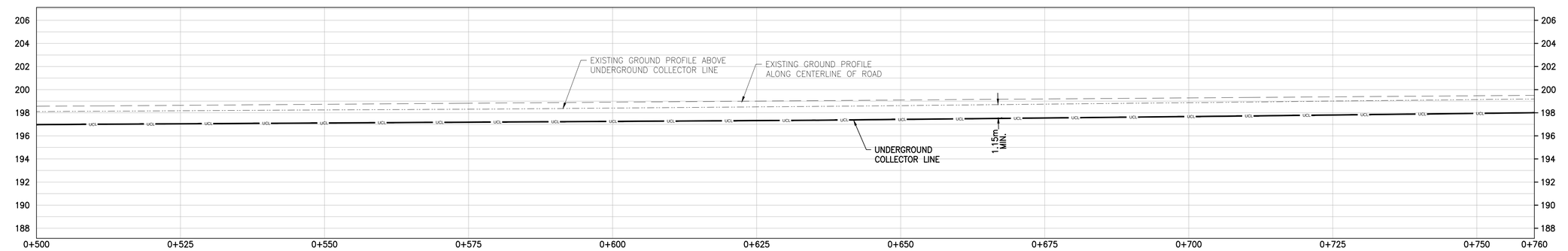
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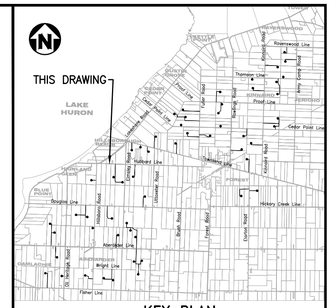
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

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OHV — OHV	OVERHEAD HYDRO LINE
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ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	G	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
		REFERENCES

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HUBBARD LINE
STATION 0+500.0 TO 0+760.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

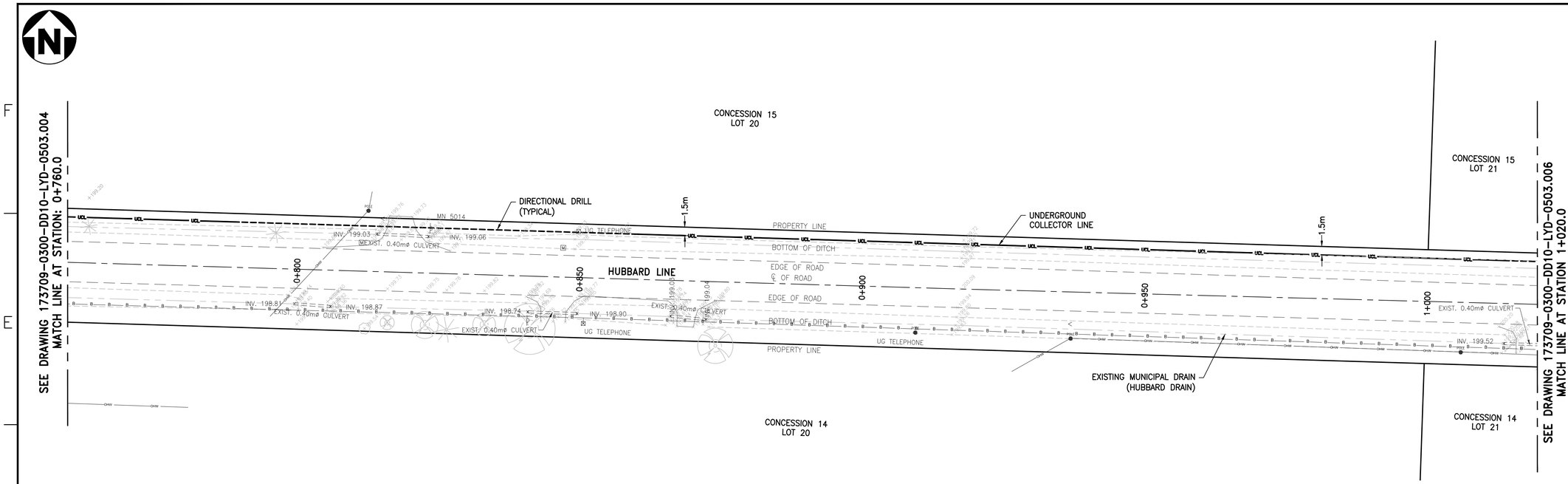
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REV. X

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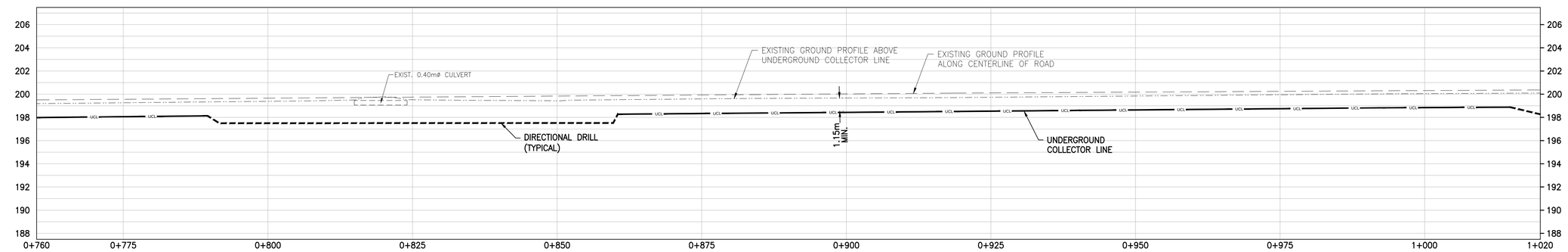
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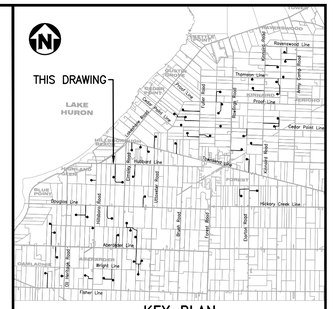
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

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OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
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UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
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(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
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	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HUBBARD LINE
STATION 0+760.0 TO 1+020.0

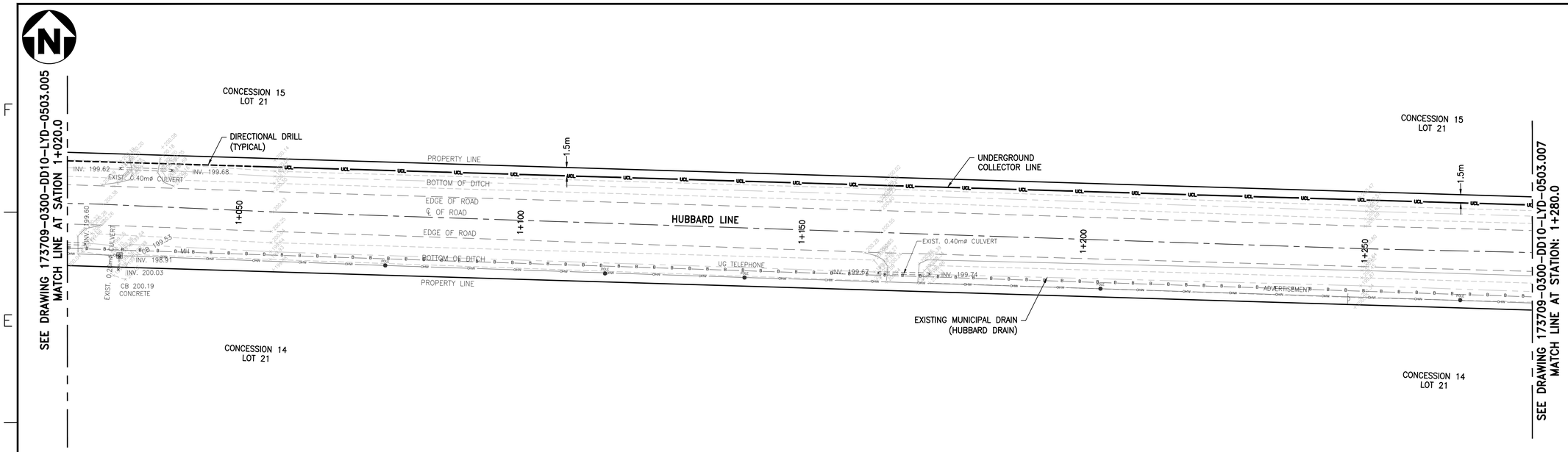
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0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0503.005 REV. A

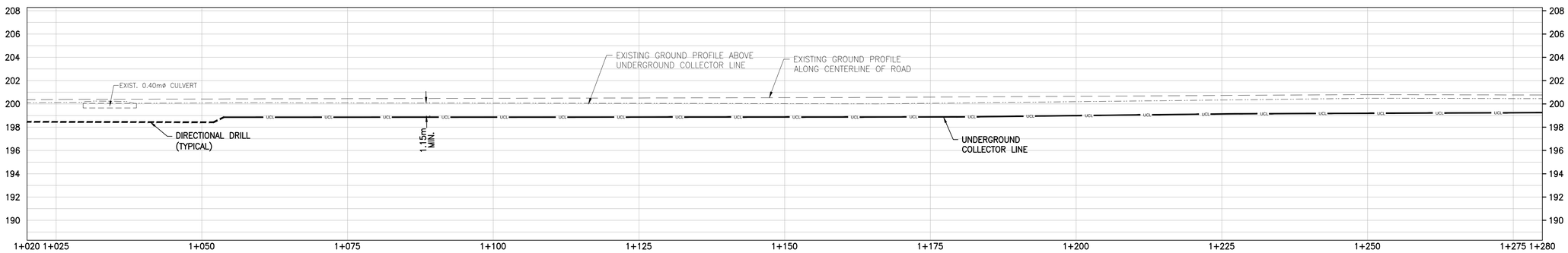
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DO NOT SCALE DRAWING



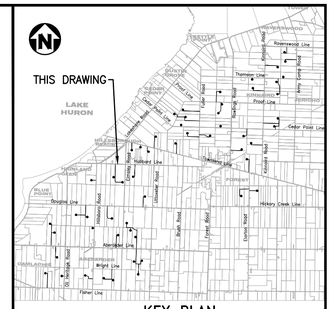
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HUBBARD LINE
STATION 1+020.0 TO 1+280.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

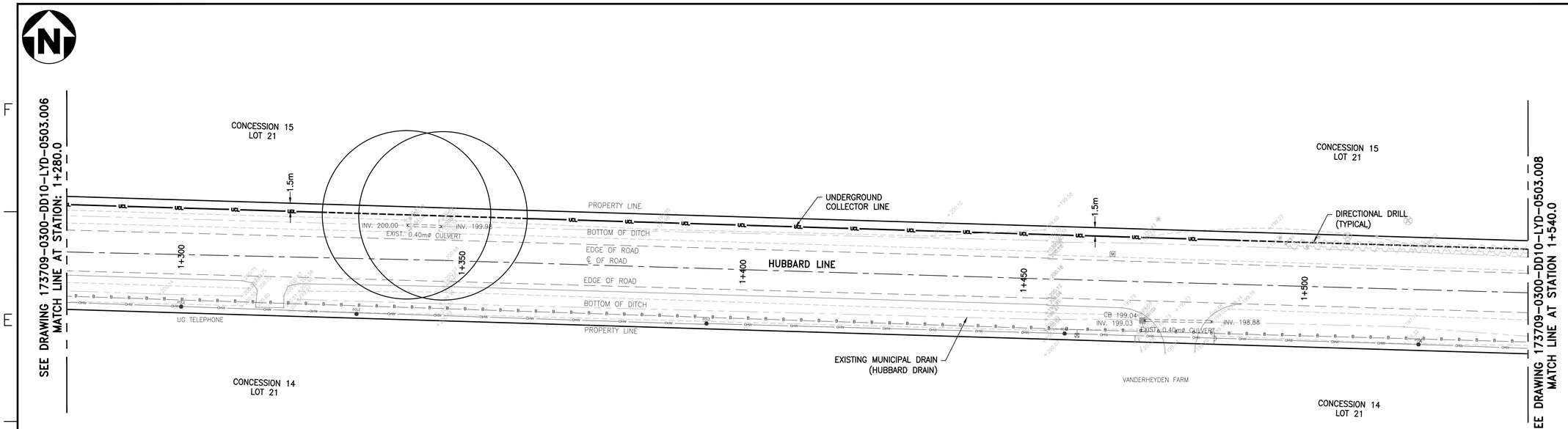
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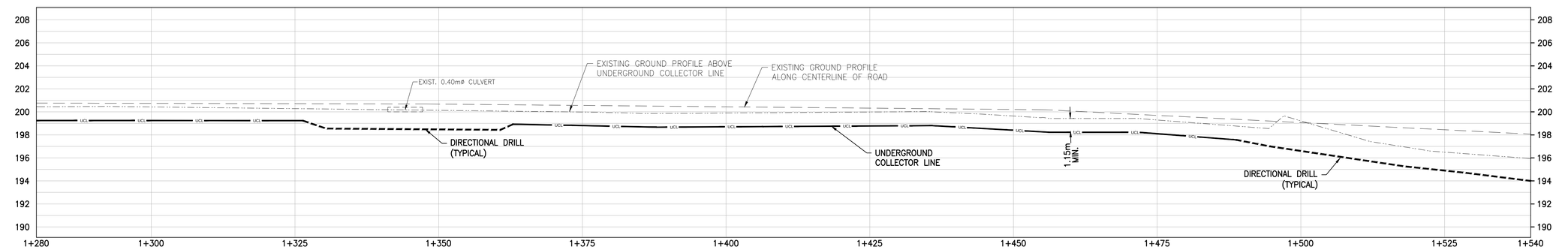
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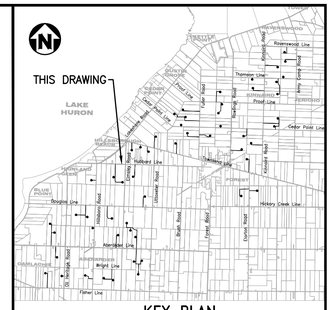
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
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0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
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A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HUBBARD LINE
STATION 1+280.0 TO 1+540.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

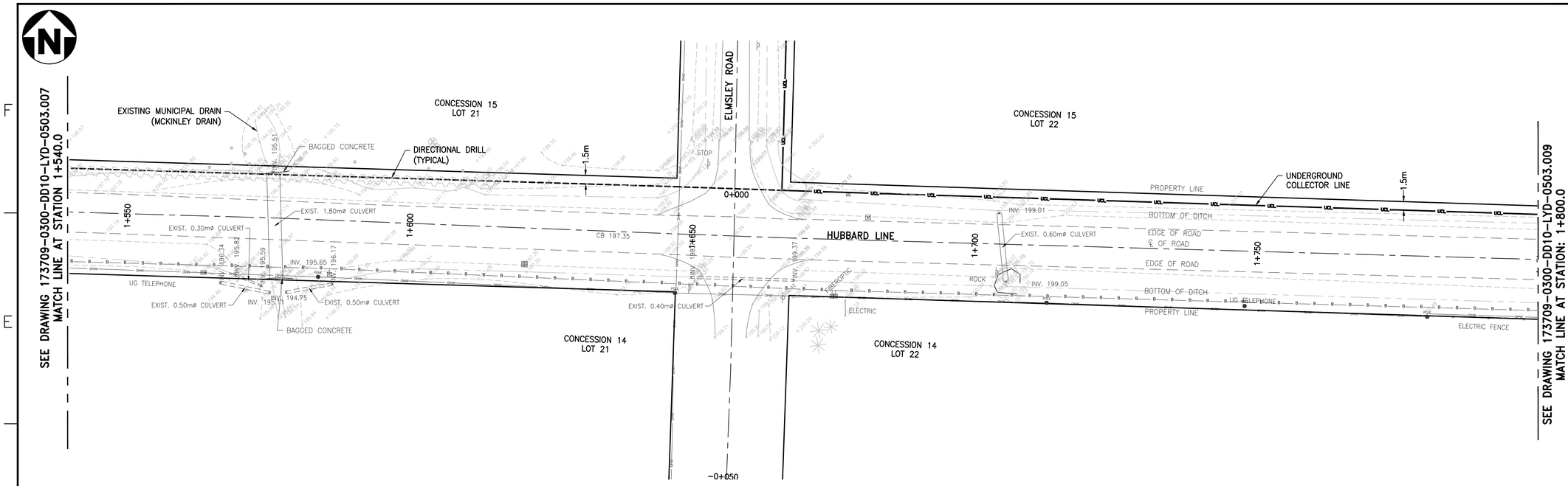
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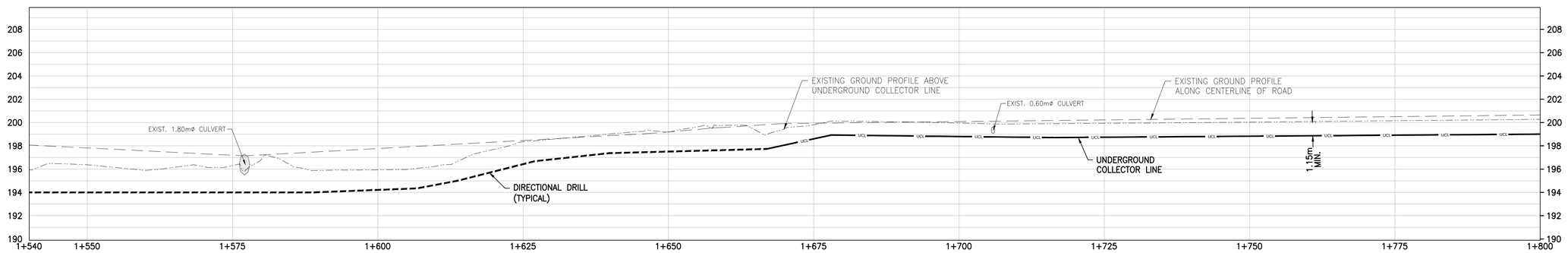
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DO NOT SCALE DRAWING



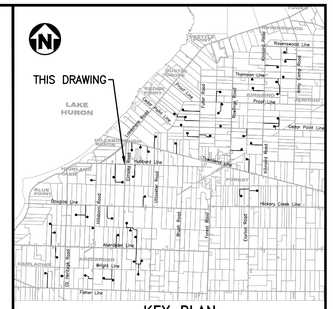
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

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(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HUBBARD LINE
STATION 1+540.0 TO 1+800.0

AREA 0300

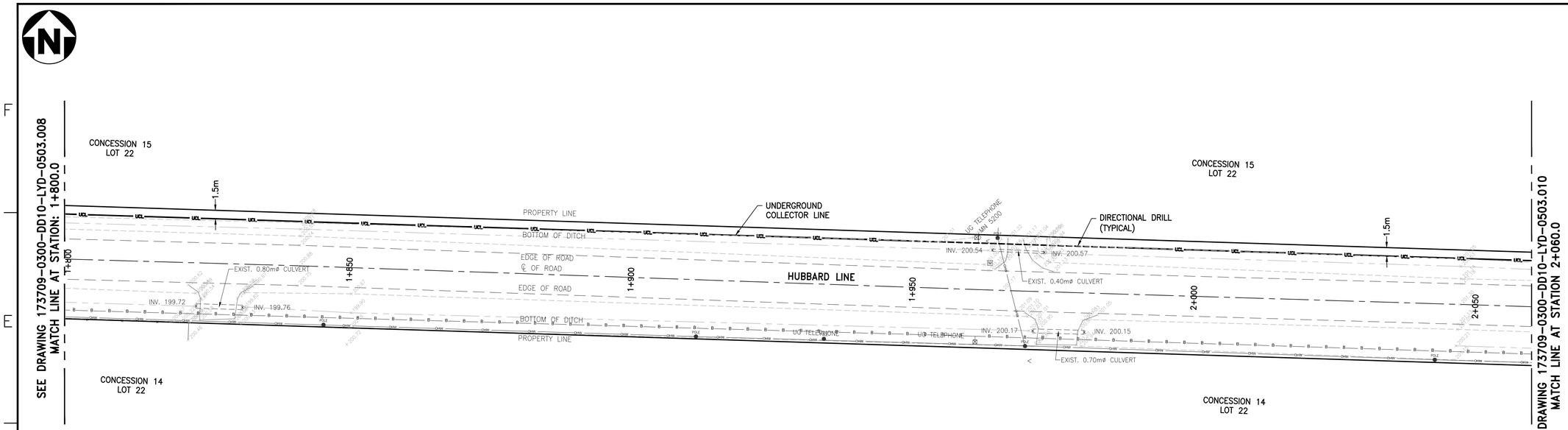
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

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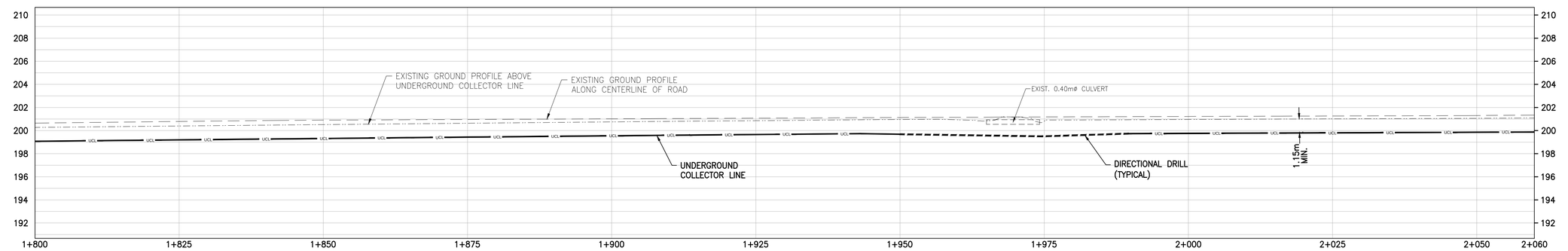
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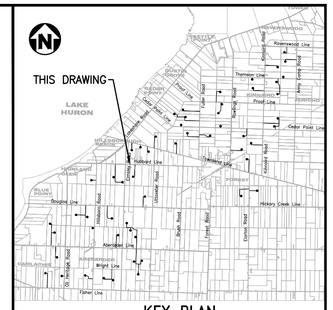
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

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(CB)	CATCH BASIN	WSO	WATER SHUT OFF
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0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HUBBARD LINE
STATION 1+800.0 TO 2+060.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

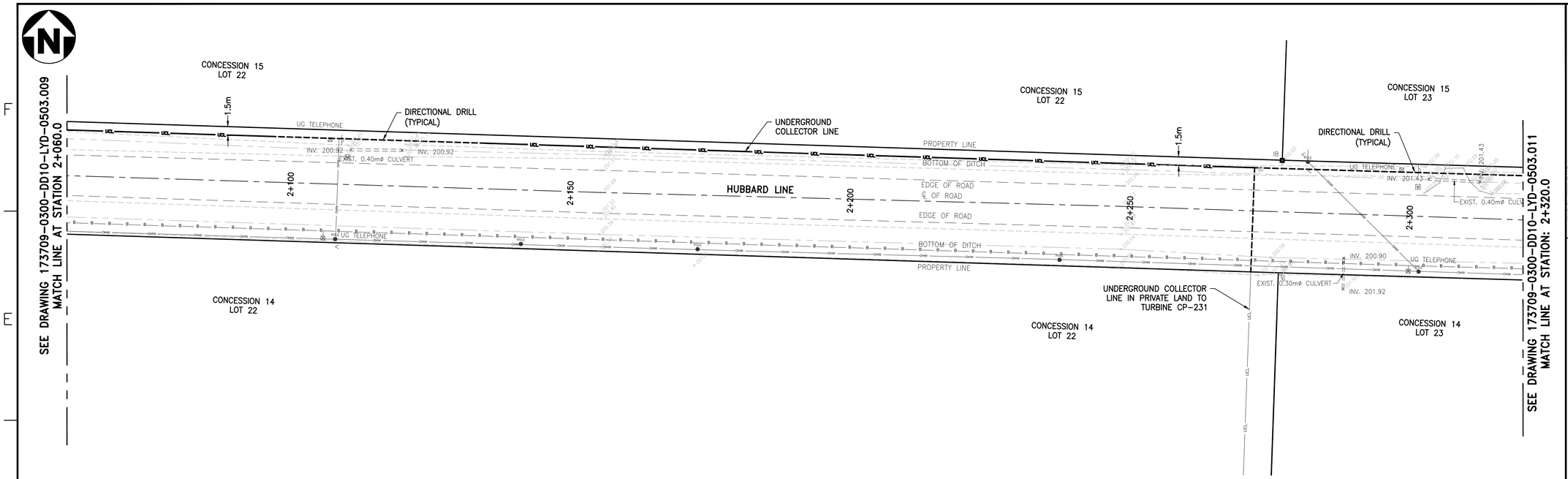
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0503.009
REV. X

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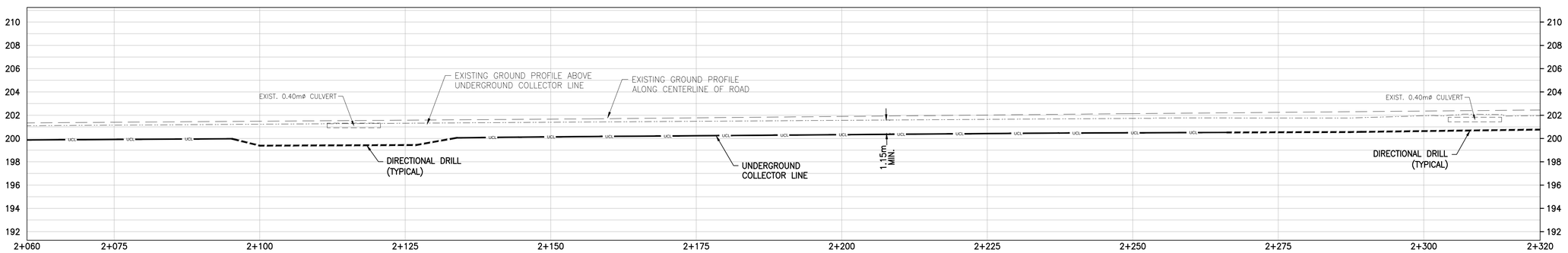
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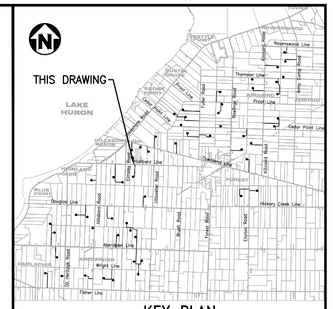
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

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OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HUBBARD LINE
STATION 2+060.0 TO 2+320.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

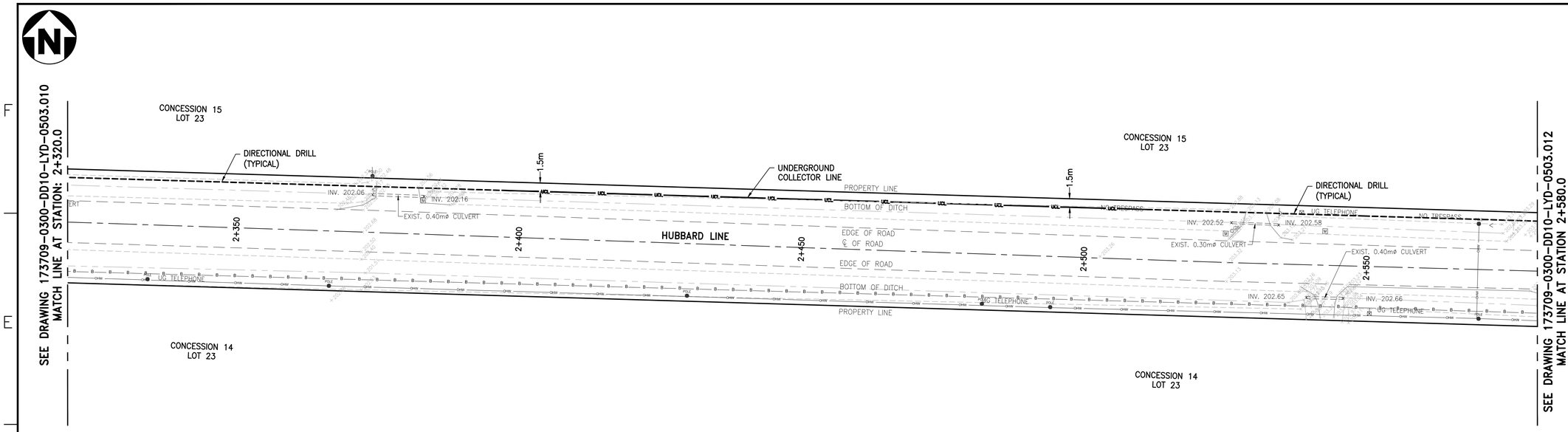
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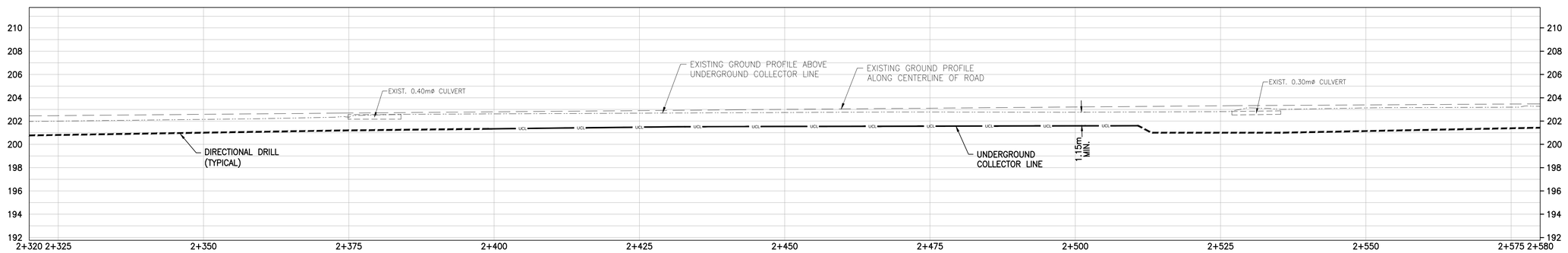
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DO NOT SCALE DRAWING



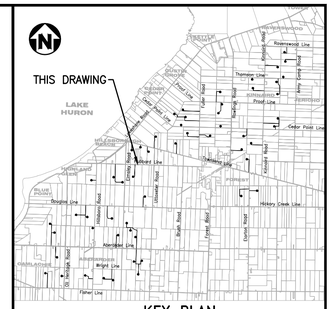
UNDERGROUND COLLECTOR LINE – PLAN

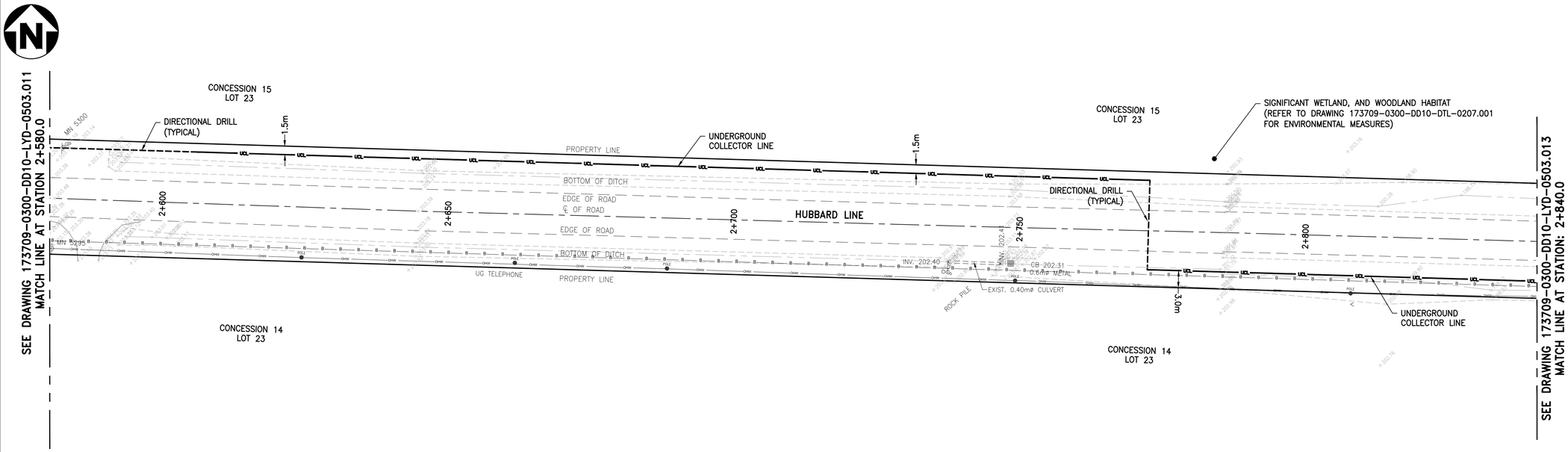
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UNDERGROUND COLLECTOR LINE – PROFILE

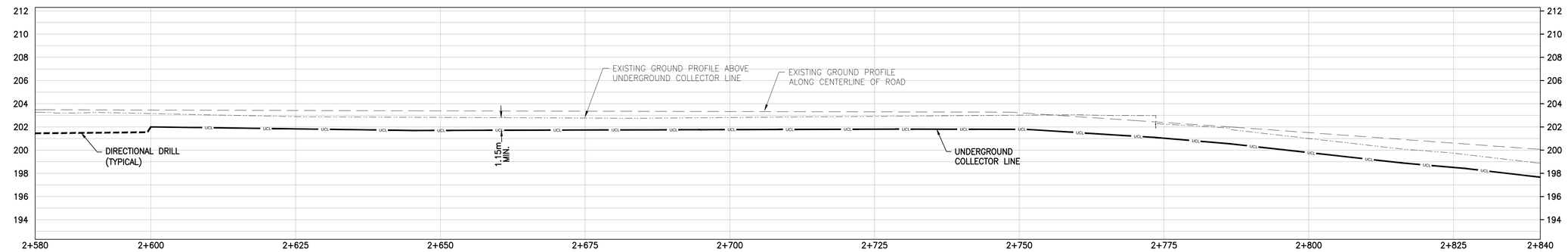
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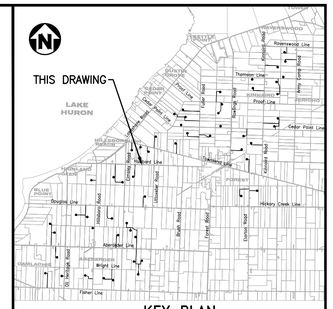
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
6. THE POSITION OF POLE LINES, CONDUITS, WATERMAIN, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN IRON BAR	TH	TELEPHONE MANHOLE
(G)	GAS	TRH	TRAFFIC MANHOLE
(GP)	GUARD POST	WH	WATER MANHOLE
	OVERHEAD ELECTRICAL	POLE	EXISTING POLE
(V)	WATER METER		GUY WIRE
	POLE ANCHOR	GP	GUARD POST
	FIRE HYDRANT	INV	INVERT
CL	CENTER LINE	BOC	BOTTOM OF CURB
EG	EDGE OF GRAVEL	WM	WATER METER
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
		DRN	MG	03FEB2014
SCALE	PACKAGE CODE	CHK	MH	03FEB2014
AS SHOWN		APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HUBBARD LINE
STATION 2+580.0 TO 2+840.0

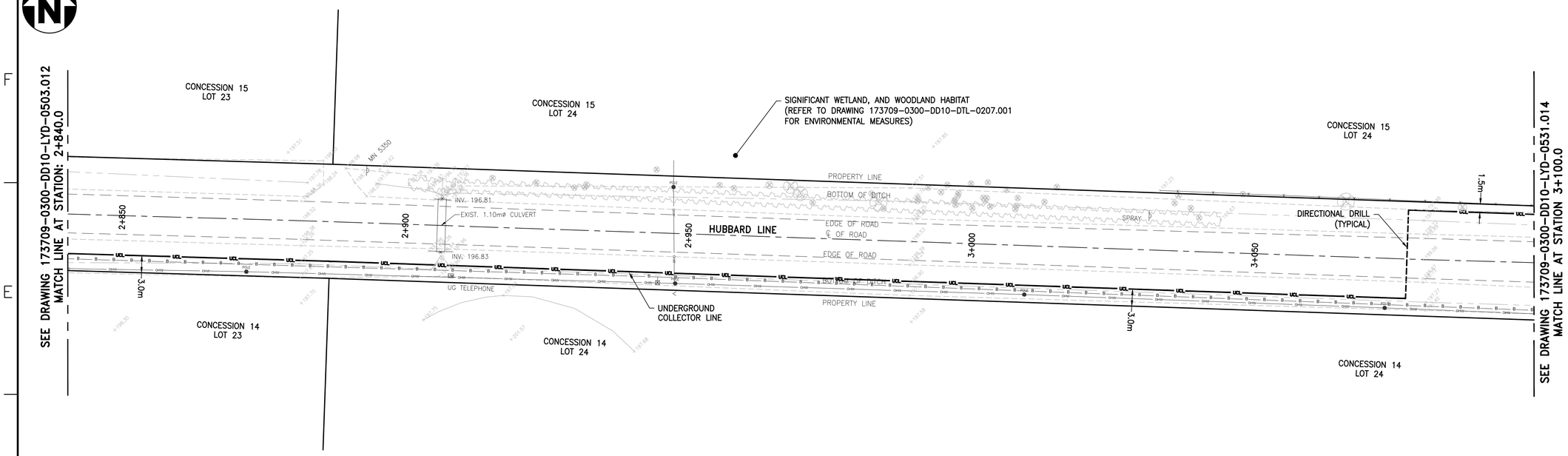
AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0503.012 REV. A

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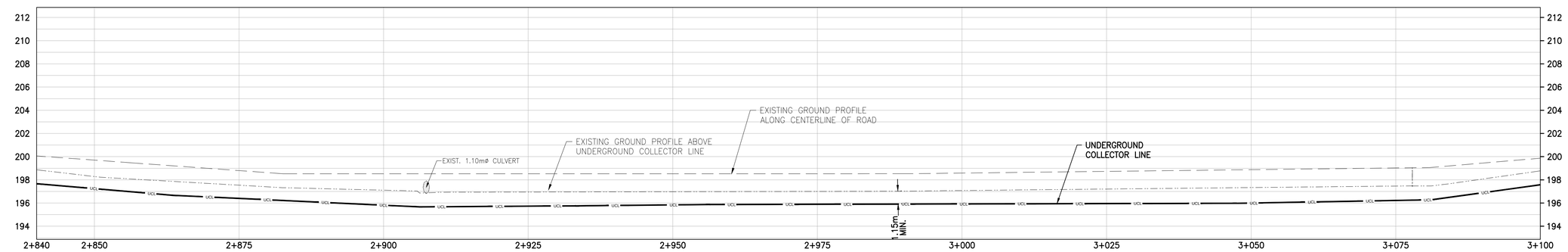
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DO NOT SCALE DRAWING



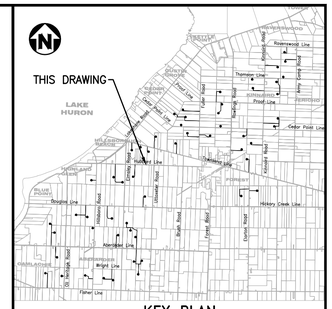
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
6. THE POSITION OF POLE LINES, CONDUITS, WATERMAIN, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
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LEGEND

GAS GAS GAS GAS	GAS LINE
OHV OHV	OVERHEAD HYDRO LINE
SA SA	SANITARY SEWER
ST ST	STORM SEWER
W W	WATERMAIN
B B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	G	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN
HUBBARD LINE
STATION 2+840.0 TO 3+100.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

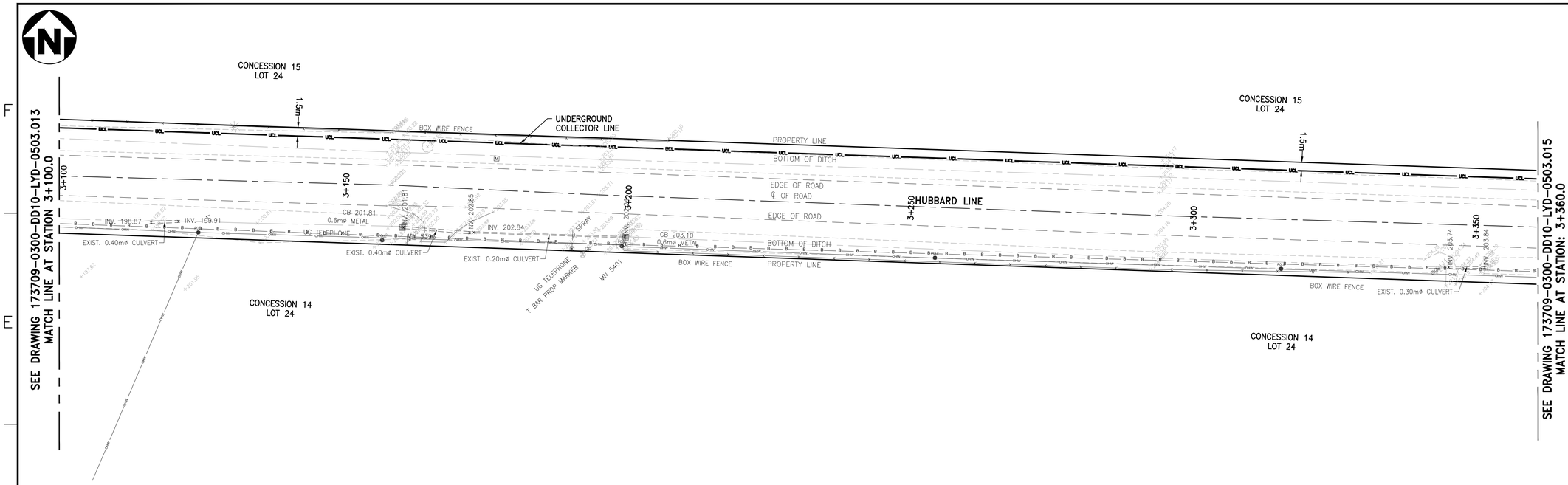
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PLOT SCALE: 1:1

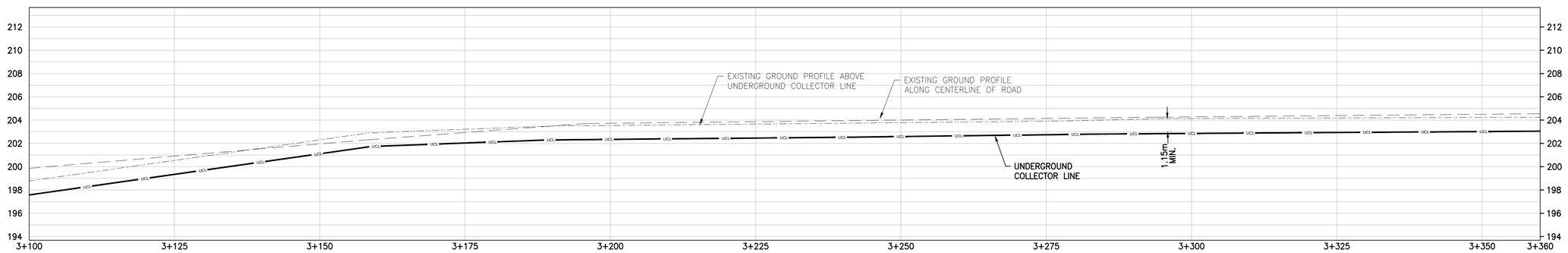
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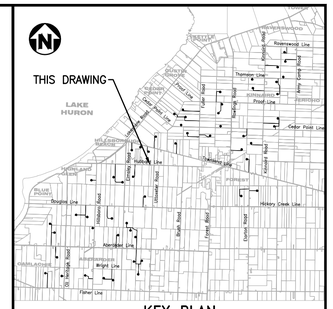
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
		REFERENCES

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HUBBARD LINE
STATION 3+100.0 TO 3+360.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT
CLIENT DWG. NO.

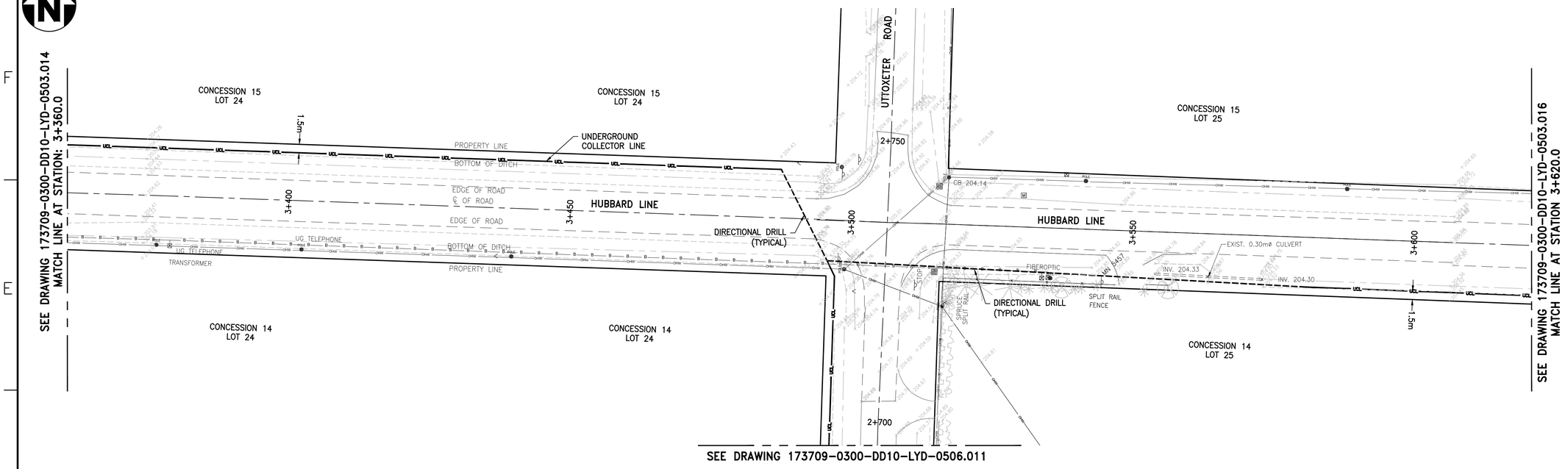
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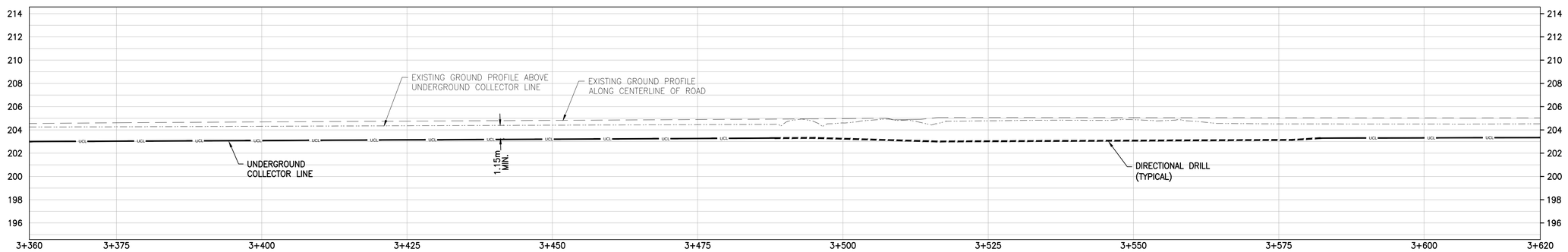
DO NOT SCALE DRAWING

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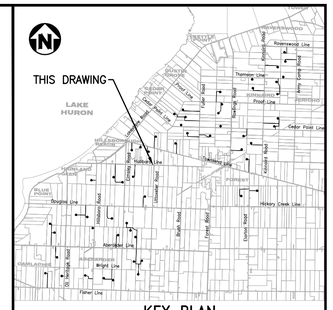
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
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4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
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7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS GAS GAS GAS	GAS LINE
OHV OHV	OVERHEAD HYDRO LINE
SA SA	SANITARY SEWER
ST ST	STORM SEWER
W W	WATERMAIN
B B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
		DRN	MG	03FEB2014
SCALE	PACKAGE CODE	CHK	MH	03FEB2014
AS SHOWN		APP	MU	03FEB2014

SUNCOR ENERGY

amec

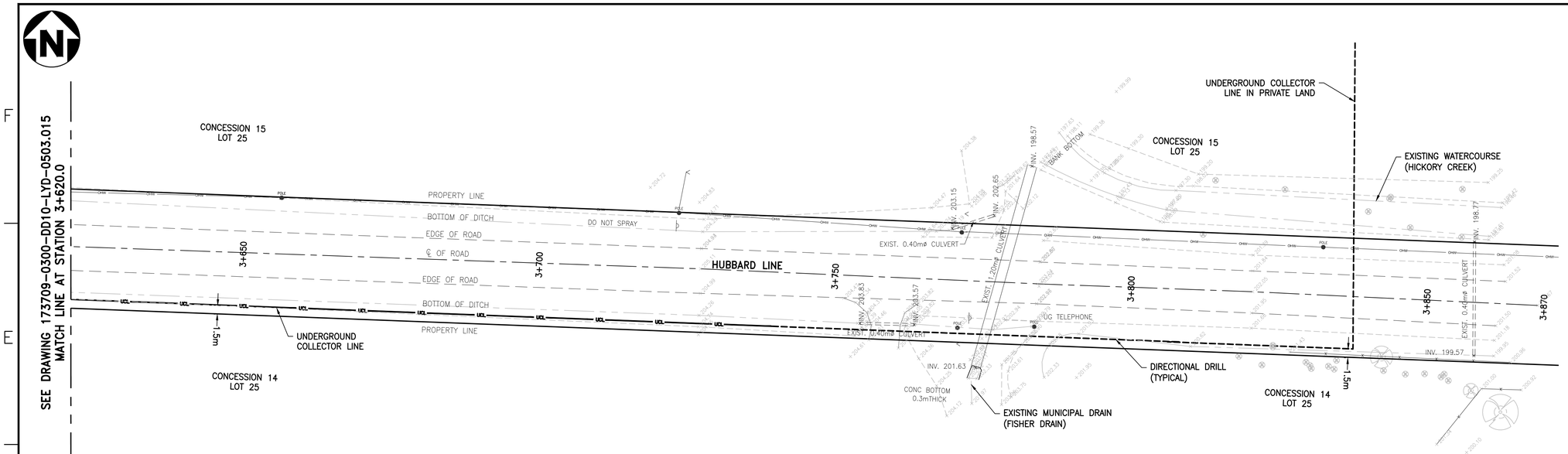
SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HUBBARD LINE
STATION 3+360.0 TO 3+620.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

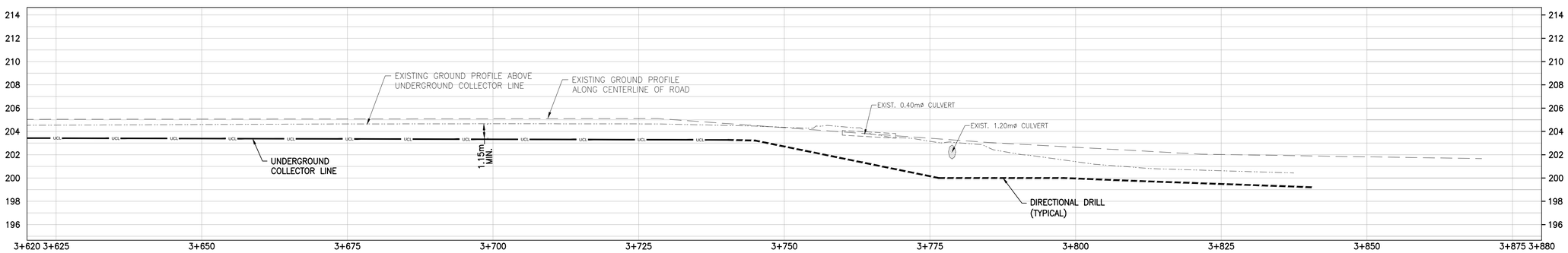
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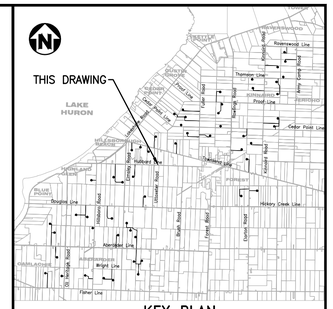
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
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LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	G	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
HUBBARD LINE
STATION 3+620.0 TO 3+870.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

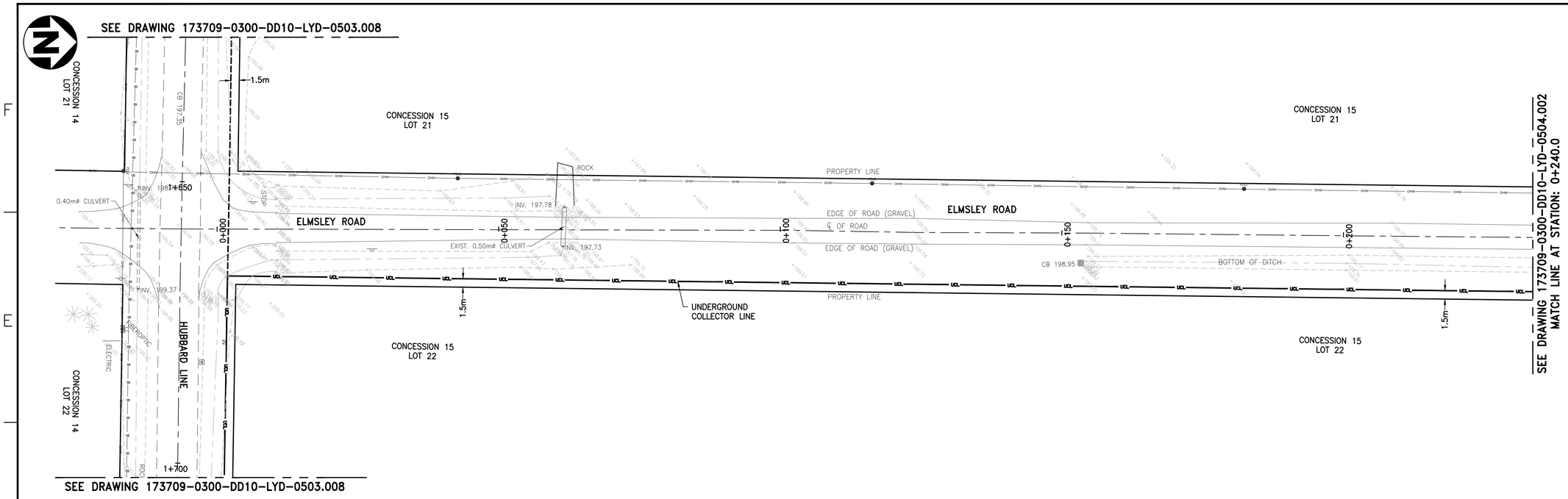
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DRAWING NO. 173709-0300-DD10-LYD-0503.016 REV. A

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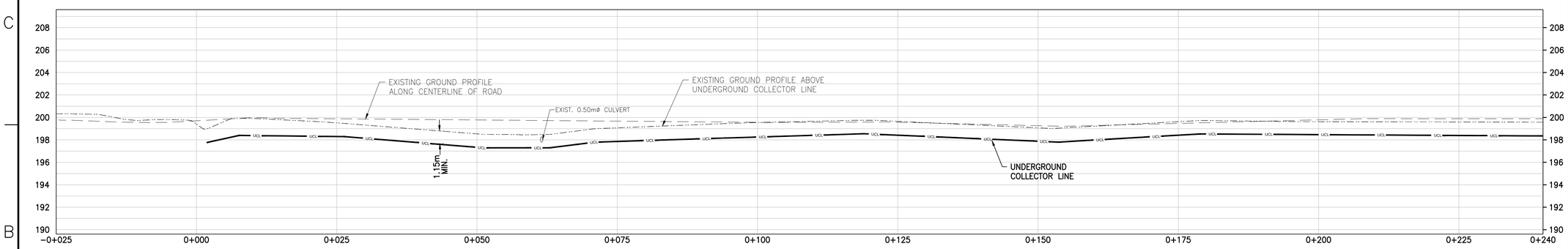
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DO NOT SCALE DRAWING



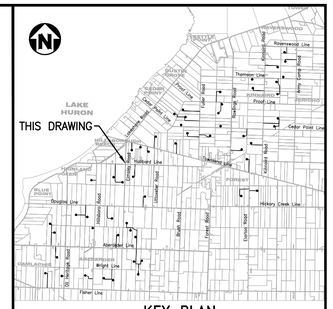
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN
(CO)	CLEAN OUT
(WSO)	WATER SHUTOFF
(F/C)	FACE OF CURB
(T/C)	TOP OF CURB
(M)	MAILBOX
(MH)	MANHOLE
(EH)	ELECTRICAL HANDHOLE
	CATCH BASIN
	IRON BAR
(G)	GAS
(GP)	GUARD POST
~~	OVERHEAD ELECTRICAL
(V)	WATER METER
	POLE ANCHOR
	FIRE HYDRANT
CL	CENTER LINE
EG	EDGE OF GRAVEL
	EXISTING CULVERT
HM	HYDRO MANHOLE
	SEWER MANHOLE
X 250.00	EXISTING GROUND ELEVATION

WSO	WATER SHUT OFF
GM	GAS METER
GV	GAS VALVE
HM	HYDRO METER
	TELEPHONE PEDESTAL
	SIGN
	TESTHOLE
BM	BENCH MARK
TH	TELEPHONE MANHOLE
TRH	TRAFFIC MANHOLE
WH	WATER MANHOLE
POLE	EXISTING POLE
	GUY WIRE
GP	GUARD POST
INV	INVERT
BOC	BOTTOM OF CURB
WM	WATER METER

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
		DRN	MG	03FEB2014
SCALE	PACKAGE CODE	CHK	MH	03FEB2014
AS SHOWN		APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
ELMSELY ROAD
STATION 0+000.0 TO 0+240.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

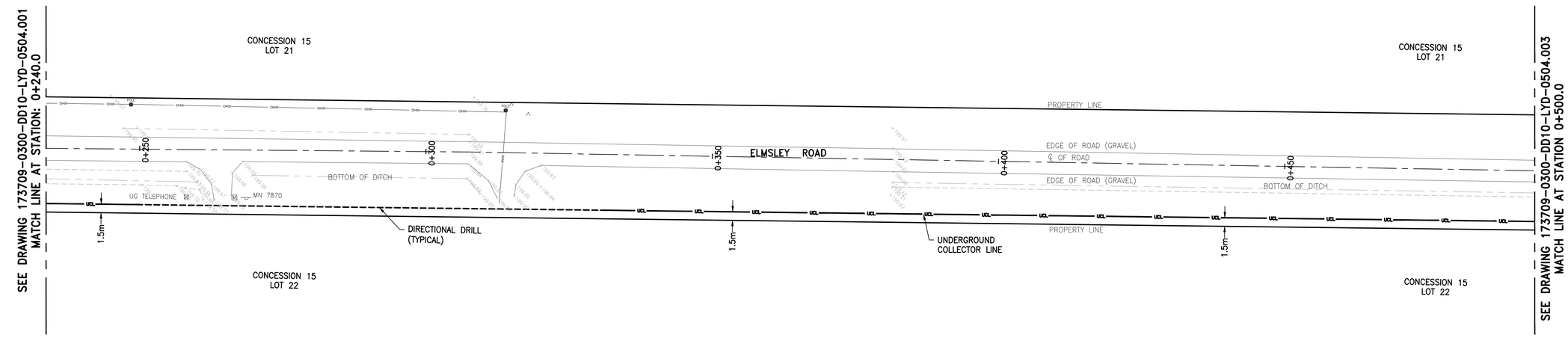
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DRAWING NO. 173709-0300-DD10-LYD-0504.001 REV. A

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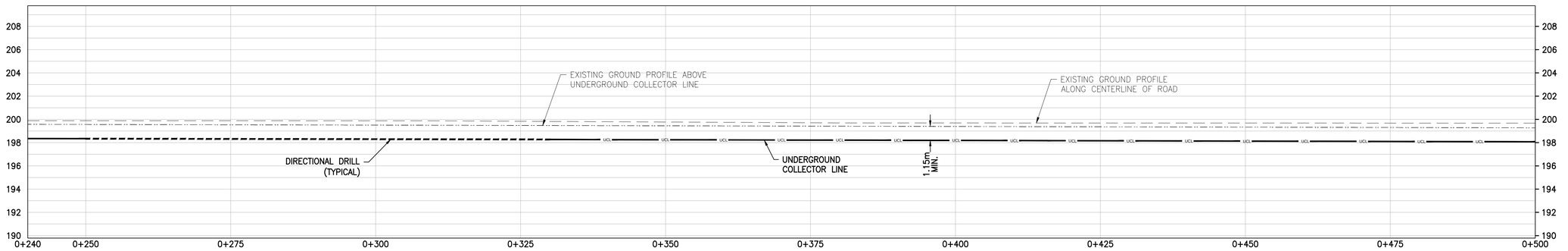
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DO NOT SCALE DRAWING



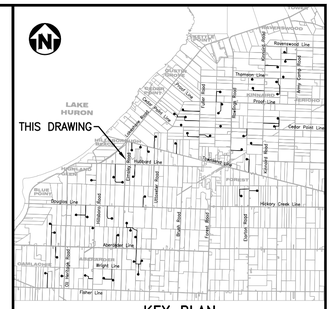
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
		DRN	MG	03FEB2014
SCALE	PACKAGE CODE	CHK	MH	03FEB2014
AS SHOWN		APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
ELMSELY ROAD
STATION 0+240.0 TO 0+500.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0504.002 REV. A

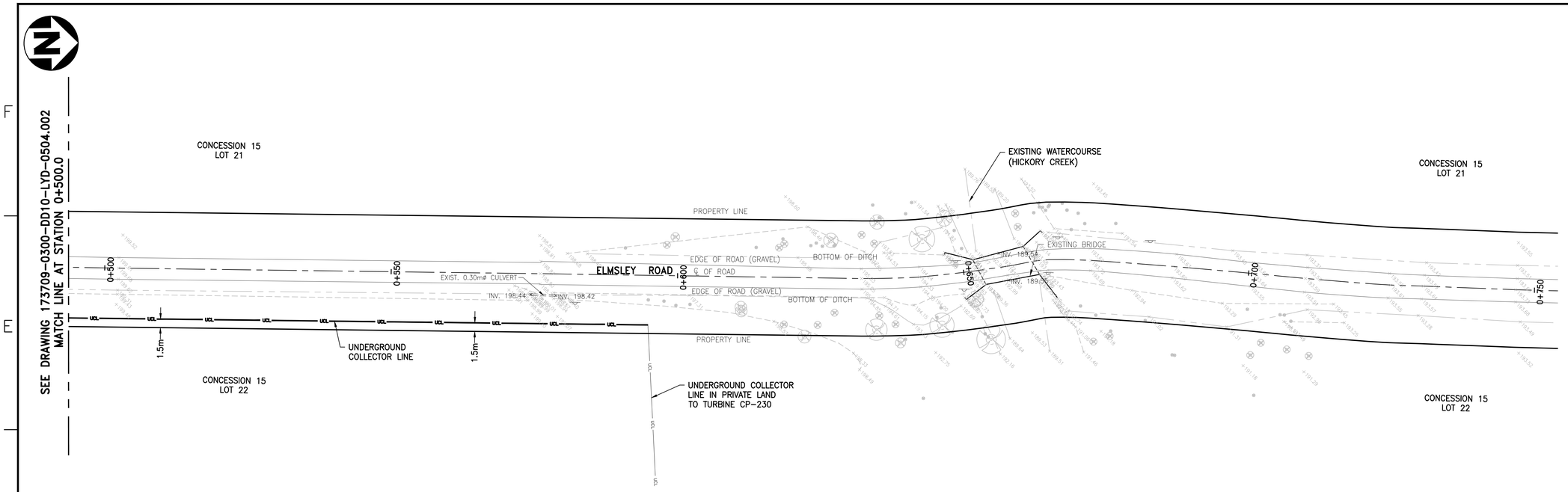
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CAD FILE: P:\CAD\CIVIL\173709-0300-DD10-LYD-0504.001 TO 003.DWG

DO NOT SCALE DRAWING

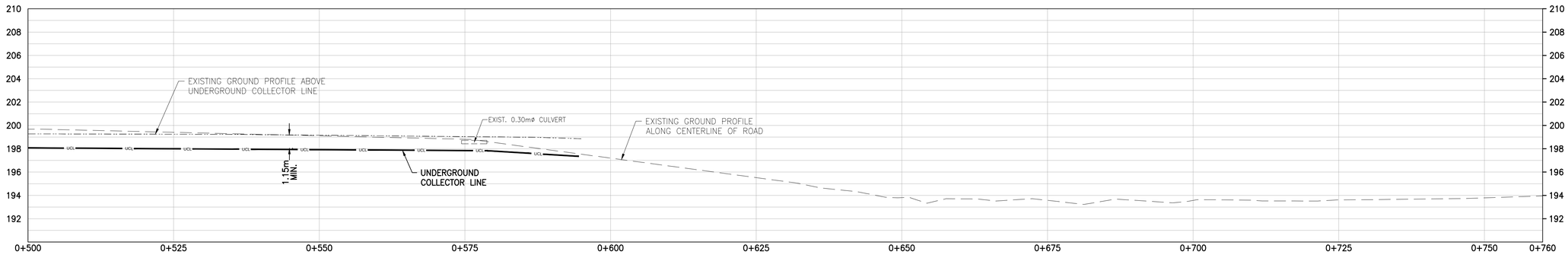
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SEE DRAWING 173709-0300-DD10-LYD-0504.002
MATCH LINE AT STATION 0+500.0



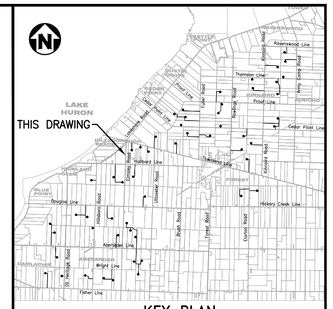
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

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UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
ELMSELY ROAD
STATION 0+500.0 TO 0+760.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

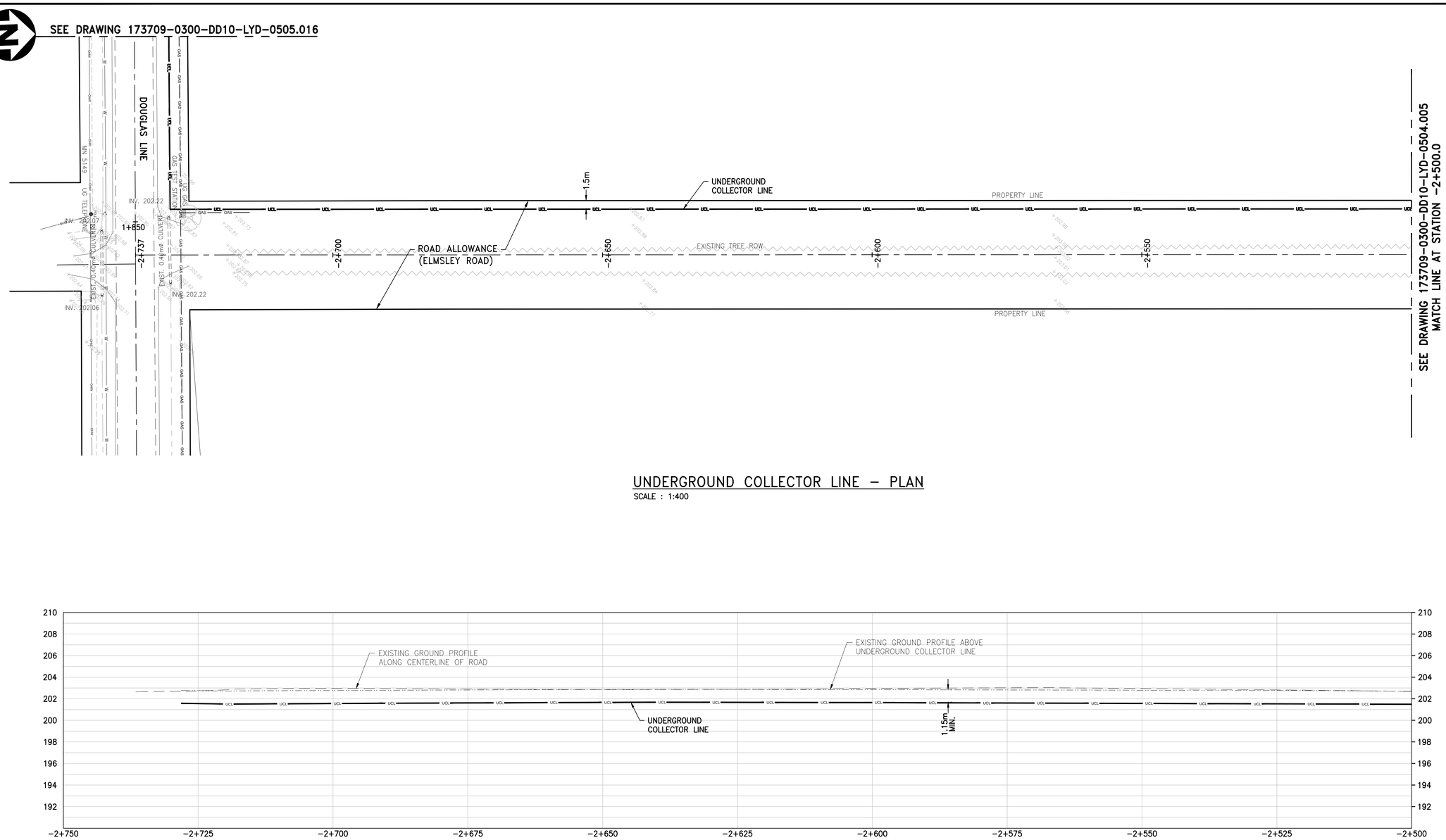
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SAVED: 11-Sep-14 1:42 PM PLOTTED: 01-Oct-14 6:17 PM (OAKVILLE) USER: GUO, MIKE

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DO NOT SCALE DRAWING

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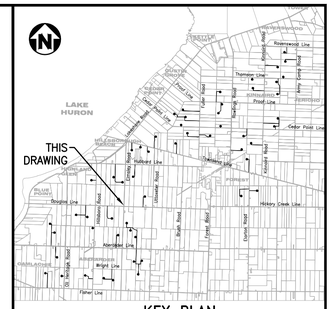


UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
6. THE POSITION OF POLE LINES, CONDUITS, WATERMAIN, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS GAS GAS GAS	GAS LINE
OHV OHV	OVERHEAD HYDRO LINE
SA SA	SANITARY SEWER
ST ST	STORM SEWER
W W	WATERMAIN
B B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT		GAS METER
(WSO)	WATER SHUTOFF		GAS VALVE
(F/C)	FACE OF CURB		HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
(G)	CATCH BASIN		TELEPHONE MANHOLE
(GP)	IRON BAR	TRH	TRAFFIC MANHOLE
(V)	GAS	WH	WATER MANHOLE
	GUARD POST	POLE	EXISTING POLE
CL	OVERHEAD ELECTRICAL		GUY WIRE
EG	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
	CENTER LINE	WM	WATER METER
	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
		REFERENCES

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
ROAD ALLOWANCE (ELMSLEY ROAD)
STATION -2+737.0 TO -2+500.0

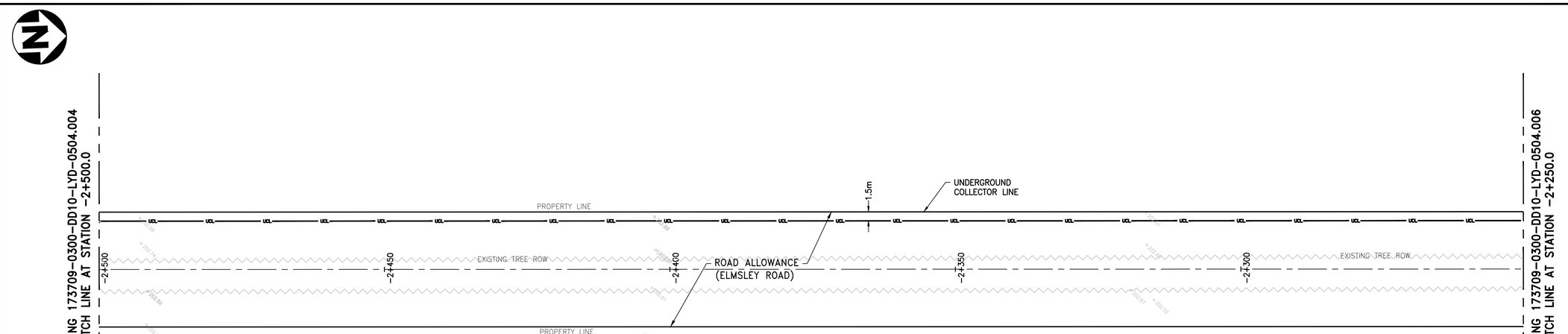
AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0504.004 REV. B

SAVED: 29-Sep-14 11:09 AM PLOTTED: 01-Oct-14 6:01 PM USER: GUO, MIKE (OAKVILLE)

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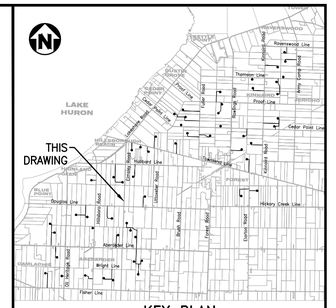


UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
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5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
6. THE POSITION OF POLE LINES, CONDUITS, WATERMAIN, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
ROAD ALLOWANCE (ELMSLEY ROAD)
STATION -2+500.0 TO -2+250.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

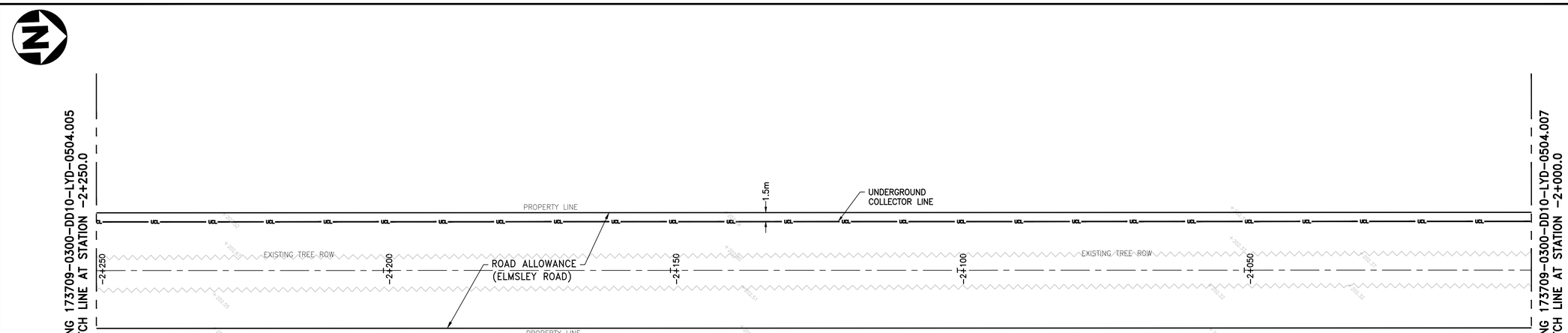
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DRAWING NO. 173709-0300-DD10-LYD-0504.005 REV. B

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ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED

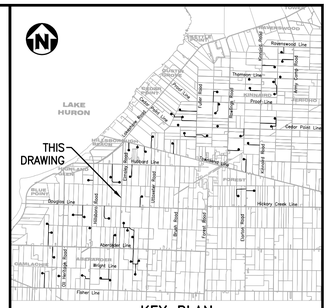


UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
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LEGEND

GAS GAS GAS GAS	GAS LINE
OHV OHV	OVERHEAD HYDRO LINE
SA SA	SANITARY SEWER
ST ST	STORM SEWER
W W	WATERMAIN
B B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT		GAS METER
(WSO)	WATER SHUTOFF		GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
SM	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

NOT TO BE USED FOR CONSTRUCTION

REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
		REFERENCES

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
ROAD ALLOWANCE (ELMSLEY ROAD)
STATION -2+250.0 TO -2+000.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT
CLIENT DWG. NO.

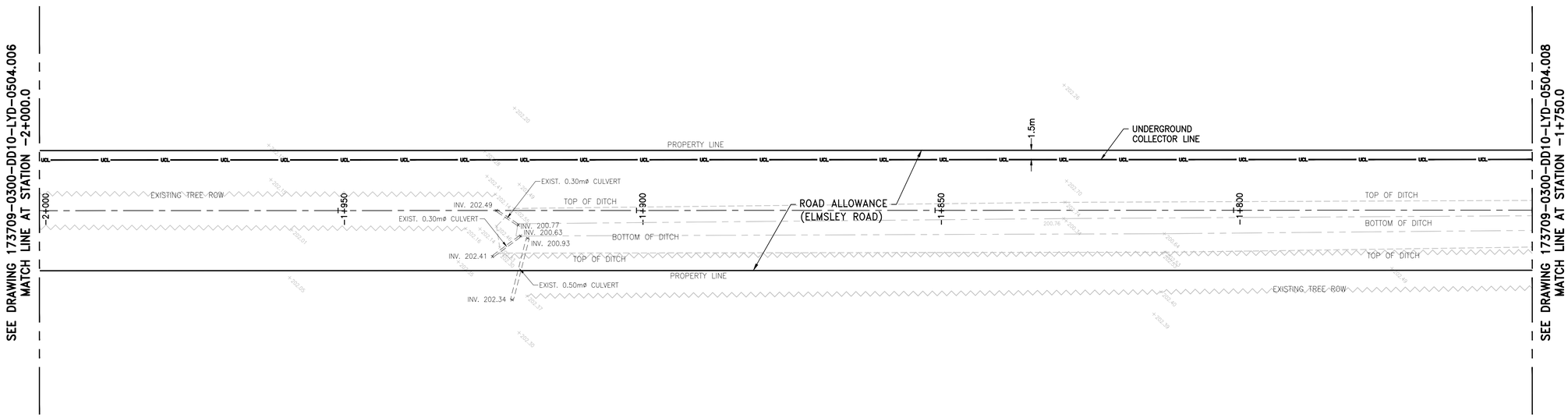
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CAD FILE: P:\CAD\CIVIL\173709-0300-DD10-LYD-0504.004 TO 010-ALT.DWG

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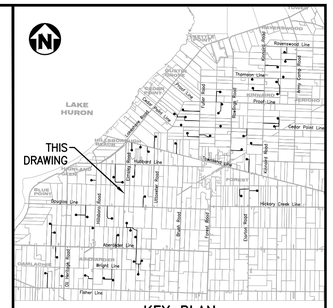


UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
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LEGEND

GAS GAS GAS GAS	GAS LINE
OHV OHV	OVERHEAD HYDRO LINE
SA SA	SANITARY SEWER
ST ST	STORM SEWER
W W	WATERMAIN
B B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

NOT TO BE USED FOR CONSTRUCTION

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
		REFERENCES

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
ROAD ALLOWANCE (ELMSLEY ROAD)
STATION -2+000.0 TO -1+750.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO.	REV.
173709-0300-DD10-LYD-0504.007	B

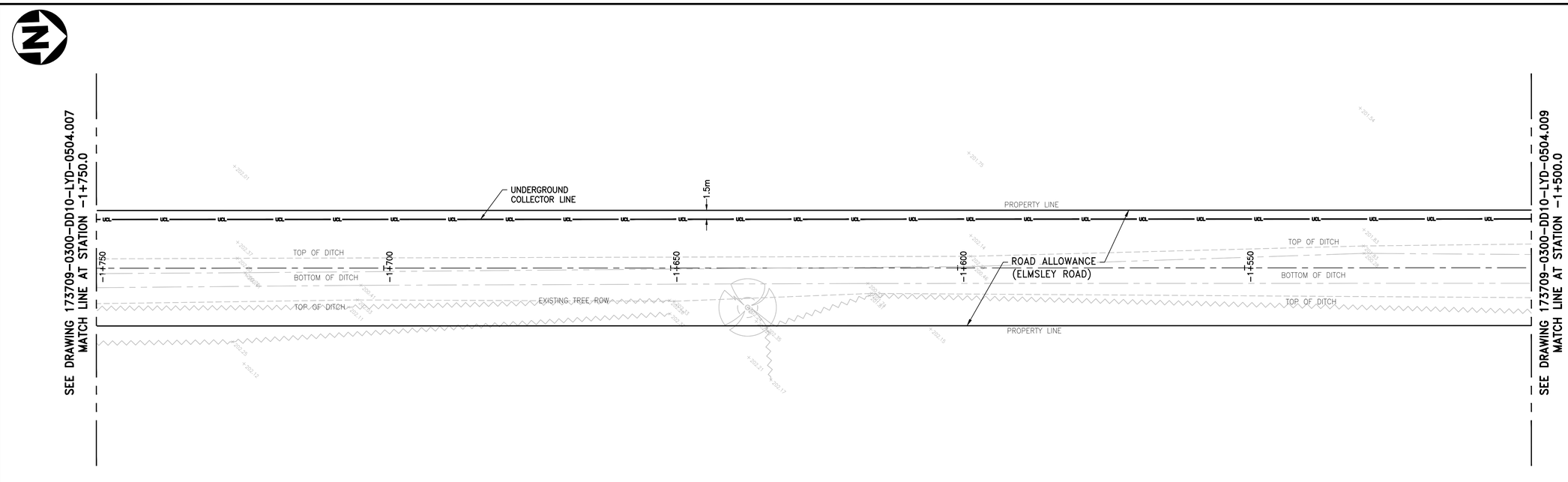
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CAD FILE: P:\CAD\CIVIL\173709-0300-DD10-LYD-0504.004 TO 010-ALT.DWG

PLOT SCALE: 1:1

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A B C D E F

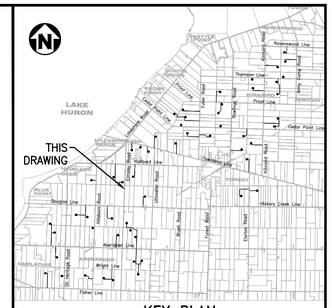


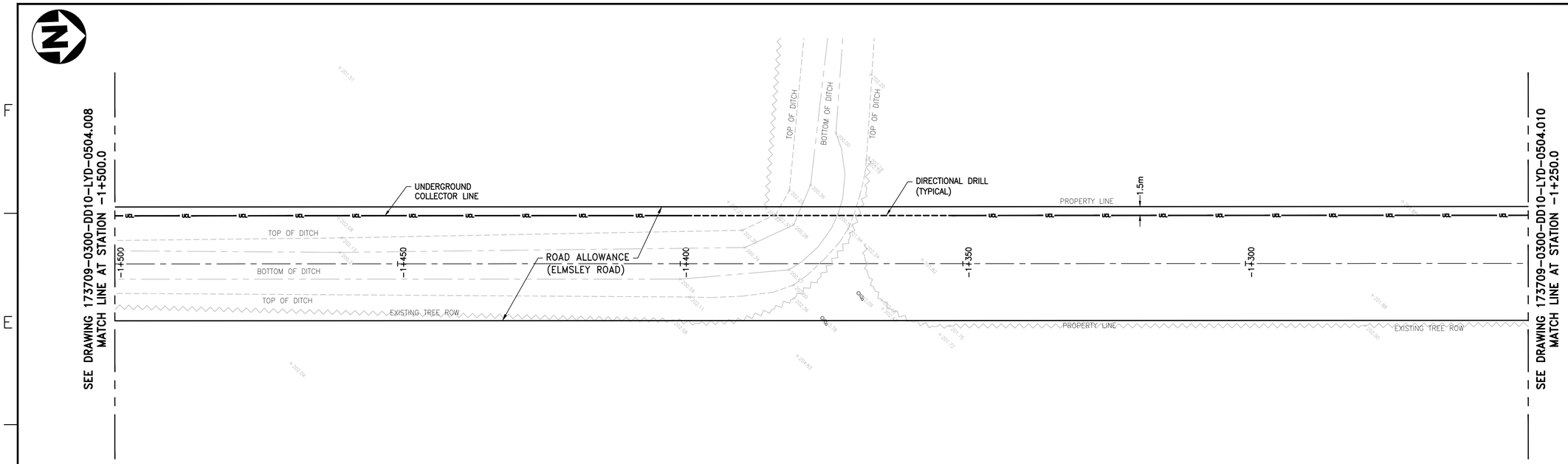
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



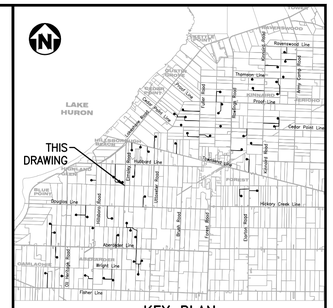


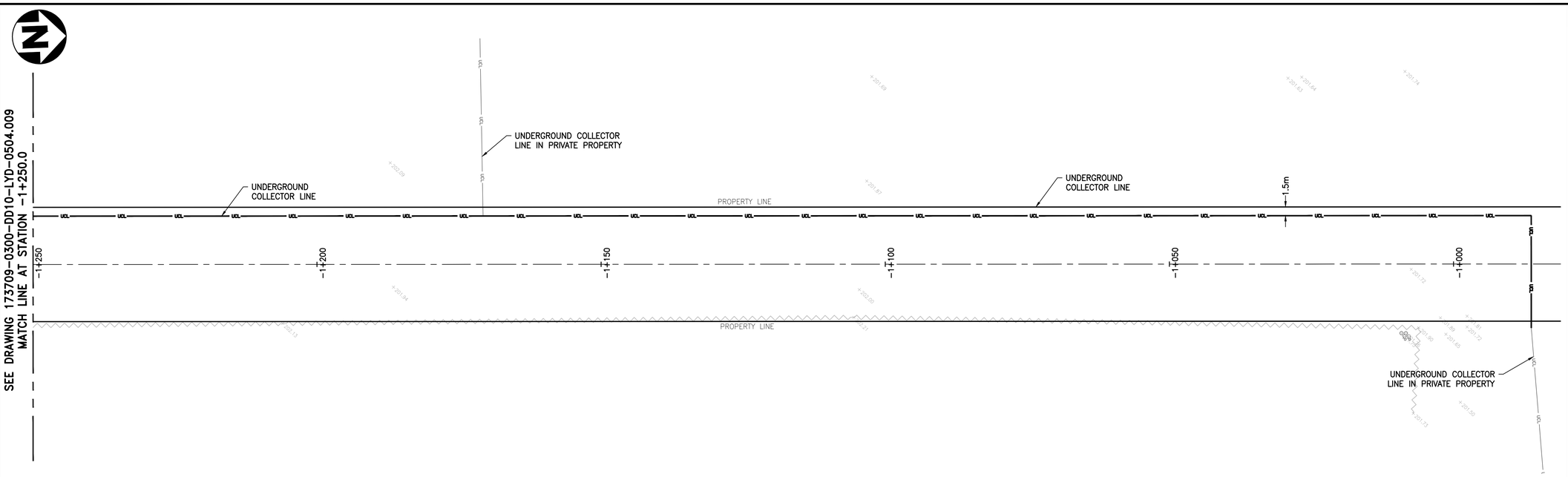
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

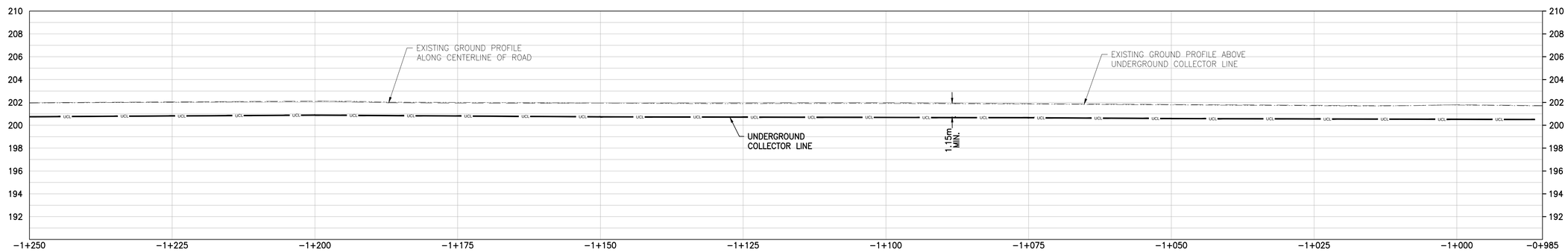
SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)


LAKE HURON
THIS DRAWING
Bluewater Line
Thomson Line
Cedar Point Line
Bluewater Line
Bright Line
Fisher Line
Bayfield Road
Elimsley Road
Bluewater Road
Bright Line
Kinnaird Line
Kinnaird Road
Kinnaird Road
Mountain Line
Mountain Road
Bright Line
Fisher Line
Fisher Road
Bluewater Line
Bluewater Road
Bluewater Line
Bluewater Road
Bluewater Line
Bluewater



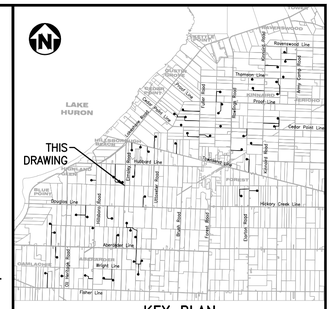
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
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LEGEND

GAS GAS GAS GAS	GAS LINE
OHV OHV	OVERHEAD HYDRO LINE
SA SA	SANITARY SEWER
ST ST	STORM SEWER
W W	WATERMAIN
B B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
SM	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

NOT TO BE USED FOR CONSTRUCTION

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
		REFERENCES

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
ROAD ALLOWANCE (ELMSLEY ROAD)
STATION -1+250.0 TO -0+985.0

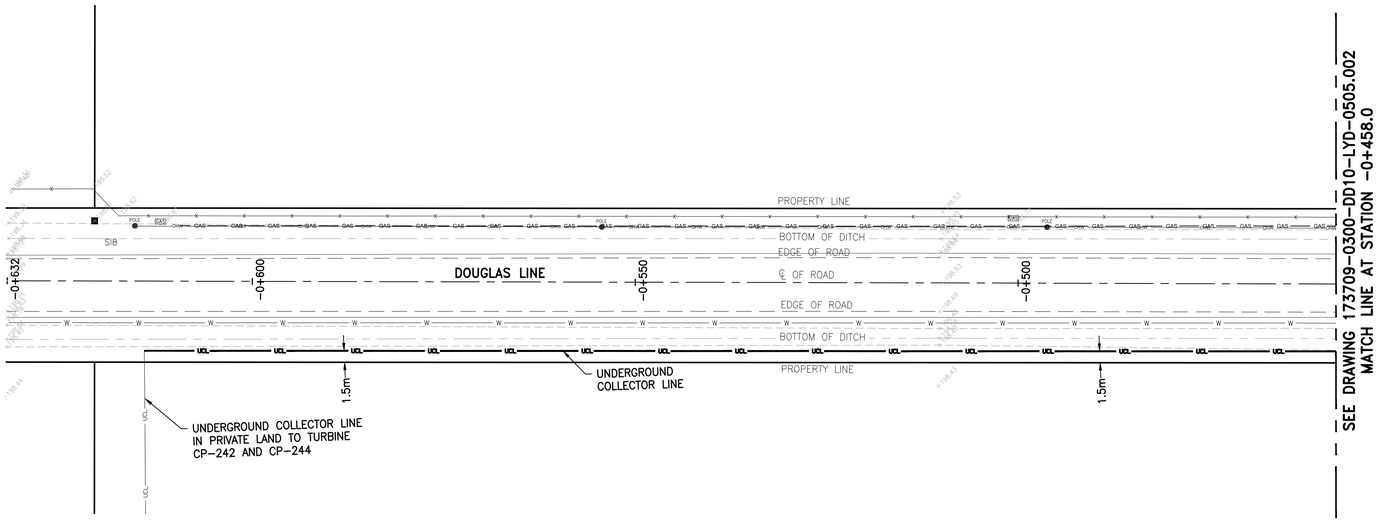
AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0504.010 REV. B

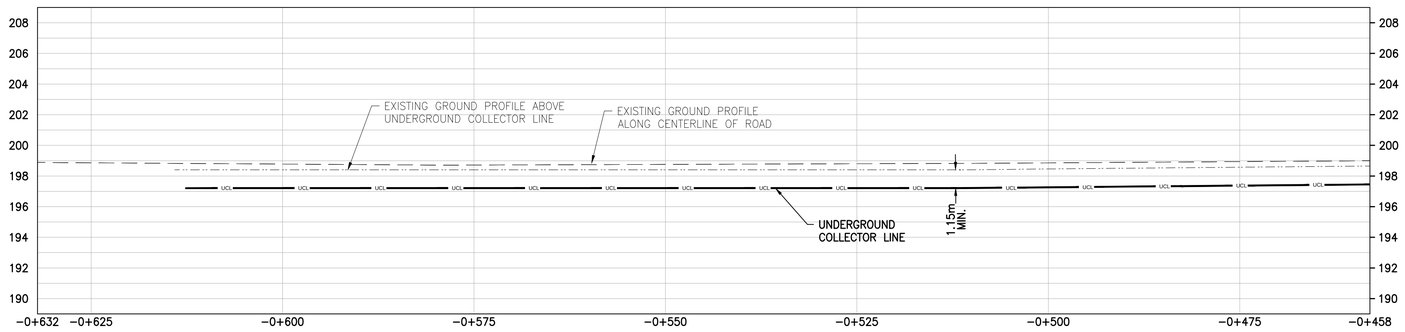
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CAD FILE: P:\CAD\CIVIL\173709-0300-DD10-LYD-0504.004 TO 010-ALT.DWG



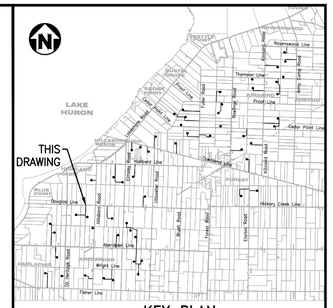
UNDERGROUND COLLECTOR LINE – PLAN

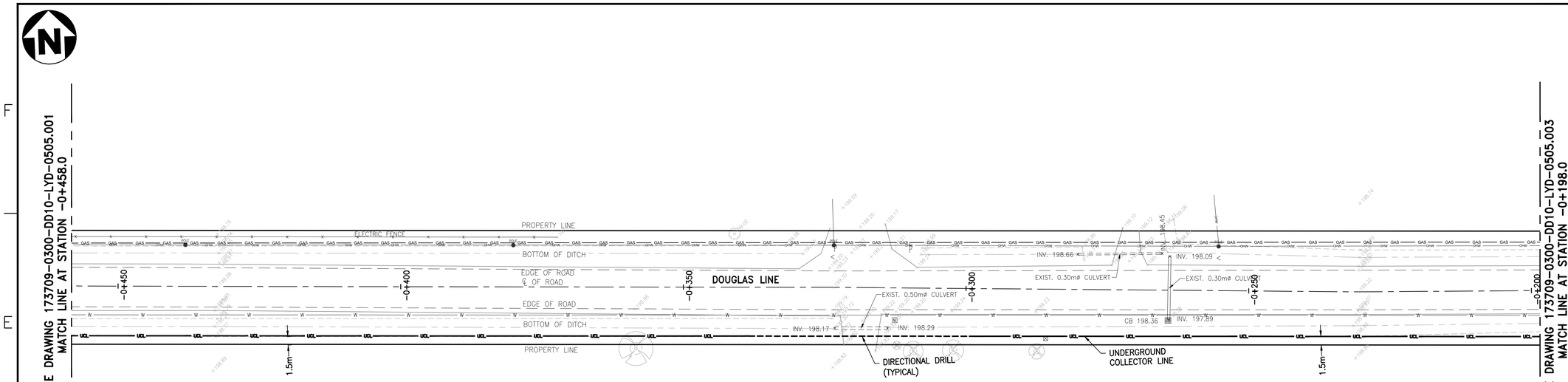
SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

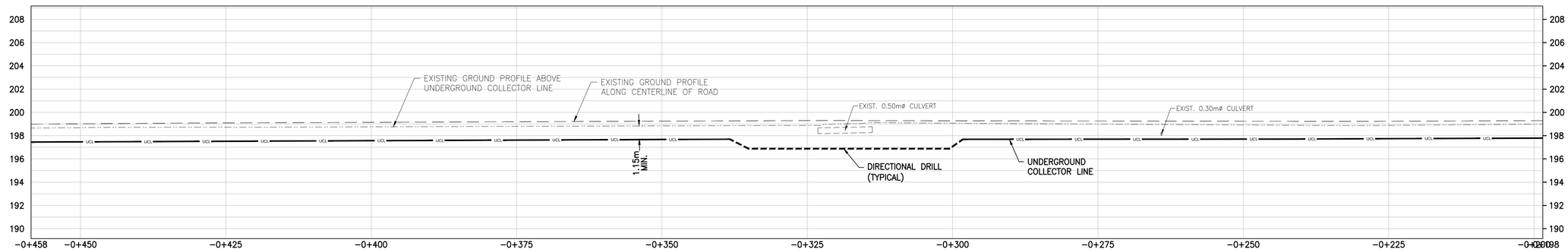
SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)





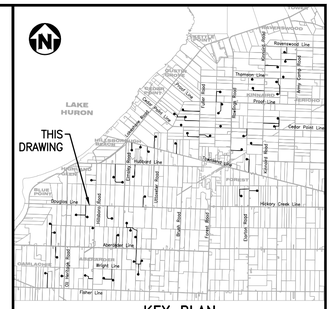
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS GAS GAS GAS	GAS LINE
OHV OHV	OVERHEAD HYDRO LINE
SA SA	SANITARY SEWER
ST ST	STORM SEWER
W W	WATERMAIN
B B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	G	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

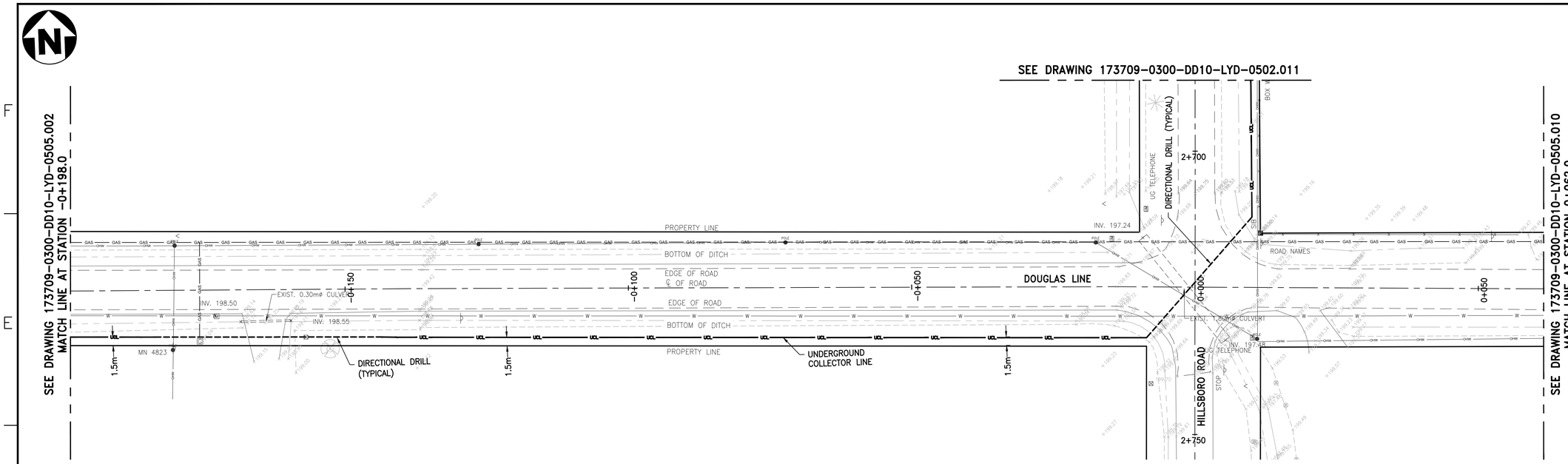
SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
DOUGLAS LINE
STATION -0+458.5 TO -0+198.5

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

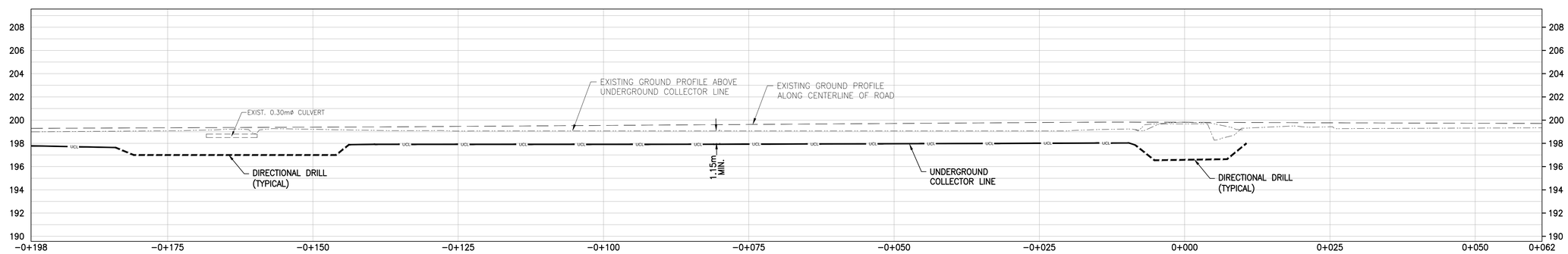
DRAWING NO. 173709-0300-DD10-LYD-0505.002 REV. X

SAVED: 11-Sep-14 1:41 PM PLOTTED: 01-Oct-14 6:22 PM (OAKVILLE) USER: GUO, MIKE
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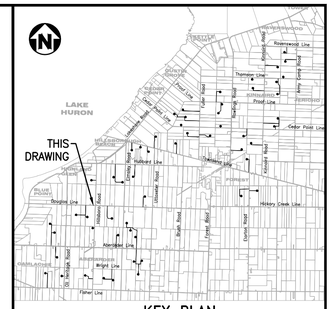
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
DOUGLAS LINE
STATION -0+198.0 TO 0+062.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

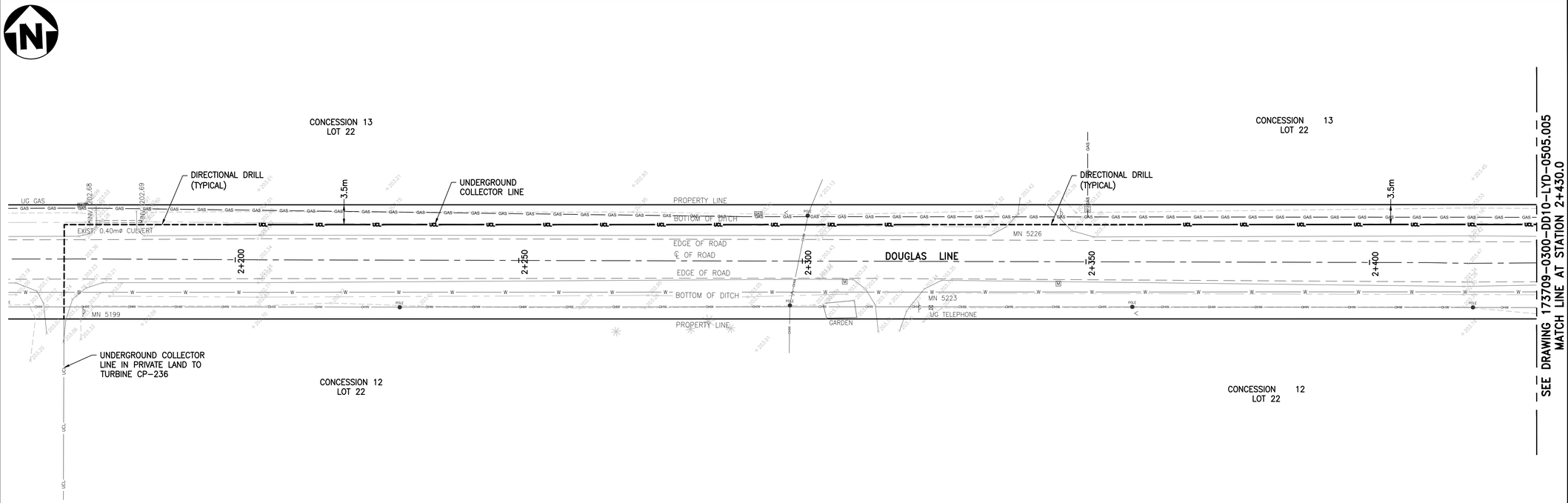
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0505.003 REV. X

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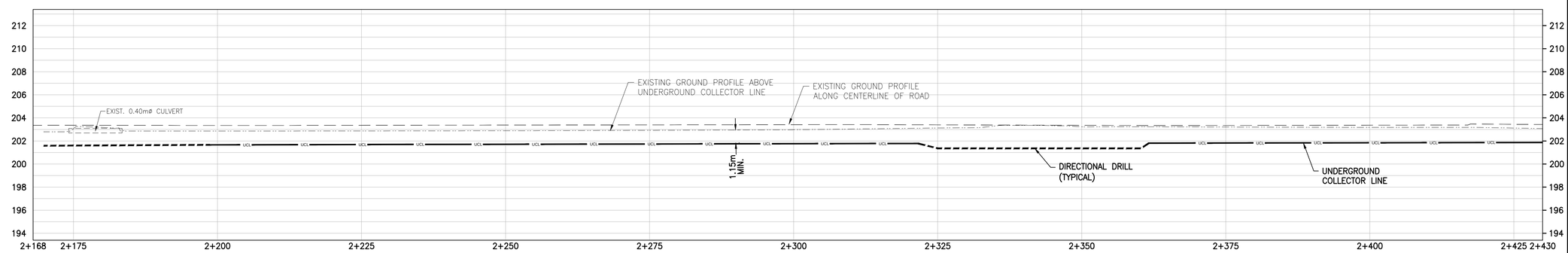
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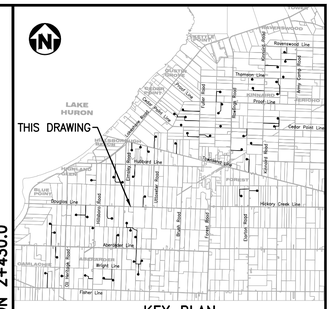
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

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LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN
(CO)	CLEAN OUT
(WSO)	WATER SHUTOFF
(F/C)	FACE OF CURB
(T/C)	TOP OF CURB
(M)	MAILBOX
(MH)	MANHOLE
(EH)	ELECTRICAL HANDHOLE
	CATCH BASIN
	IRON BAR
(G)	GAS
(GP)	GUARD POST
	OVERHEAD ELECTRICAL
(V)	WATER METER
	POLE ANCHOR
	FIRE HYDRANT
CL	CENTER LINE
EG	EDGE OF GRAVEL
	EXISTING CULVERT
HH	HYDRO MANHOLE
	SEWER MANHOLE
X 250.00	EXISTING GROUND ELEVATION

WSO	WATER SHUT OFF
	GAS METER
GV	GAS VALVE
HM	HYDRO METER
	TELEPHONE PEDESTAL
	SIGN
	TESTHOLE
BM	BENCH MARK
TH	TELEPHONE MANHOLE
TRH	TRAFFIC MANHOLE
WH	WATER MANHOLE
POLE	EXISTING POLE
	GUY WIRE
GP	GUARD POST
INV	INVERT
BOC	BOTTOM OF CURB
WM	WATER METER

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
DOUGLAS LINE
STATION 2+170.0 TO 2+430.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

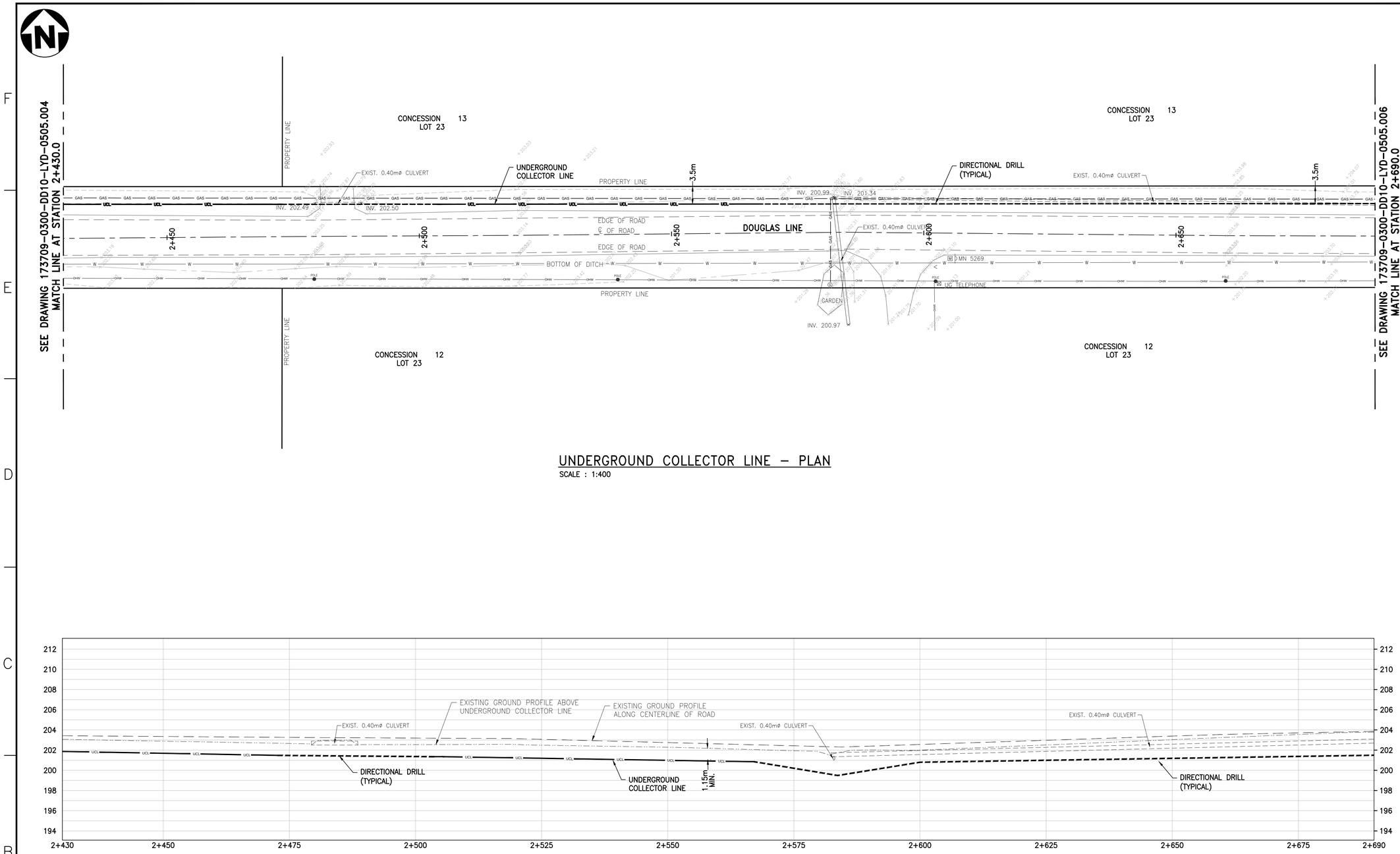
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DRAWING NO. 173709-0300-DD10-LYD-0505.004 REV. X

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DO NOT SCALE DRAWING

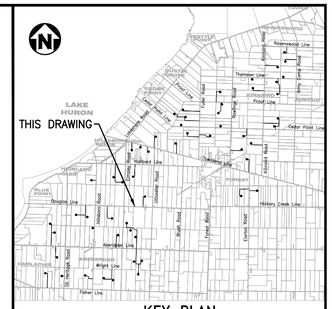


UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
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7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
MH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
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B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

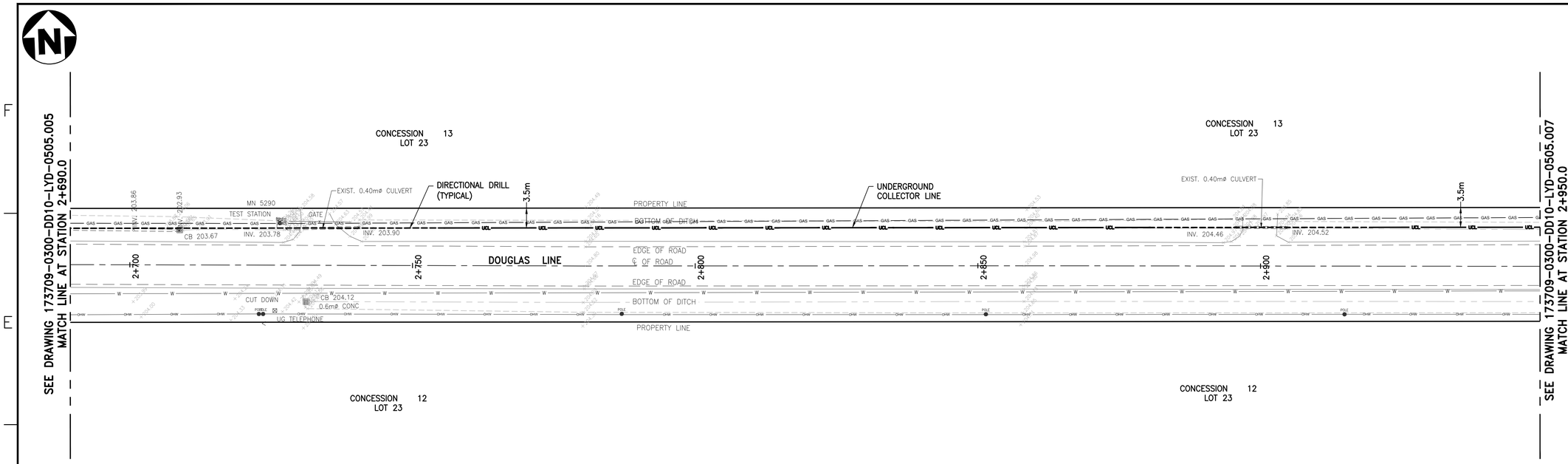
SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
DOUGLAS LINE
STATION 2+430.0 TO 2+690.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

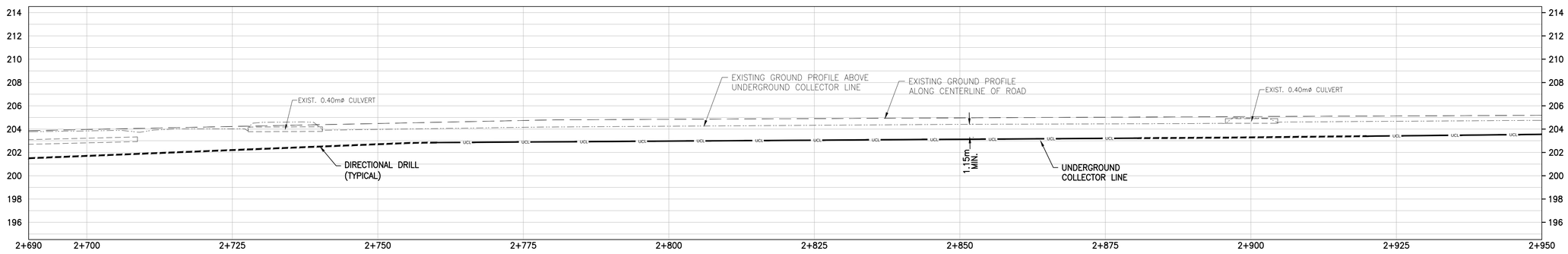
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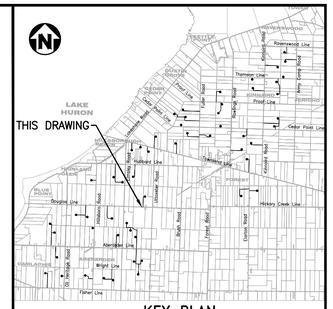
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
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LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN
(CO)	CLEAN OUT
(WSO)	WATER SHUTOFF
(F/C)	FACE OF CURB
(T/C)	TOP OF CURB
(M)	MAILBOX
(MH)	MANHOLE
(EH)	ELECTRICAL HANDHOLE
	CATCH BASIN
	IRON BAR
(G)	GAS
(GP)	GUARD POST
	OVERHEAD ELECTRICAL
(V)	WATER METER
	POLE ANCHOR
	FIRE HYDRANT
CL	CENTER LINE
EG	EDGE OF GRAVEL
	EXISTING CULVERT
HM	HYDRO MANHOLE
	SEWER MANHOLE
X 250.00	EXISTING GROUND ELEVATION

WSO	WATER SHUT OFF
GM	GAS METER
GV	GAS VALVE
HM	HYDRO METER
	TELEPHONE PEDESTAL
	SIGN
	TESTHOLE
BM	BENCH MARK
TH	TELEPHONE MANHOLE
TRH	TRAFFIC MANHOLE
WH	WATER MANHOLE
POLE	EXISTING POLE
	GUY WIRE
GP	GUARD POST
INV	INVERT
BOC	BOTTOM OF CURB
WM	WATER METER

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
DOUGLAS LINE
STATION 1+000.0 TO 1+260.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

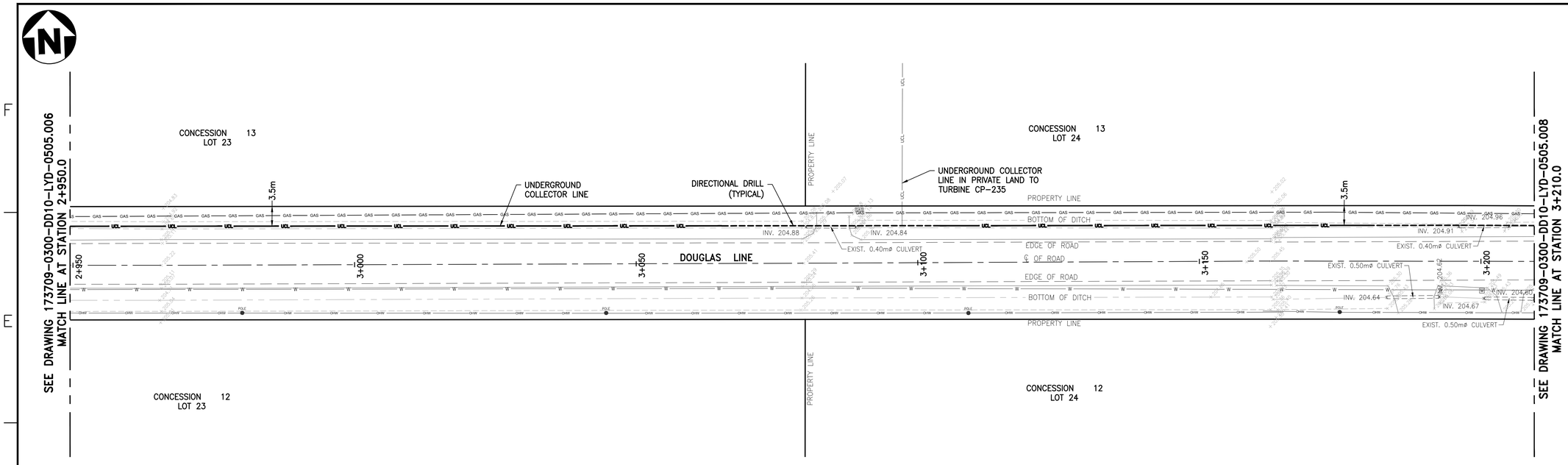
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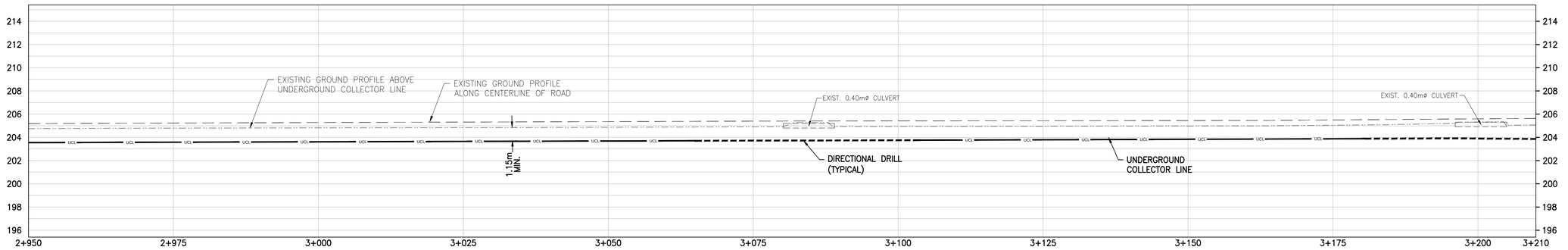
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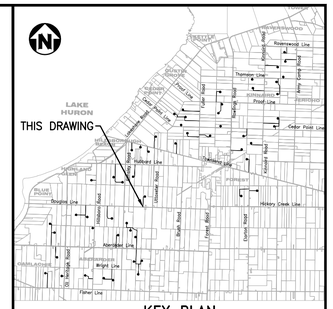
UNDERGROUND COLLECTOR LINE – PLAN

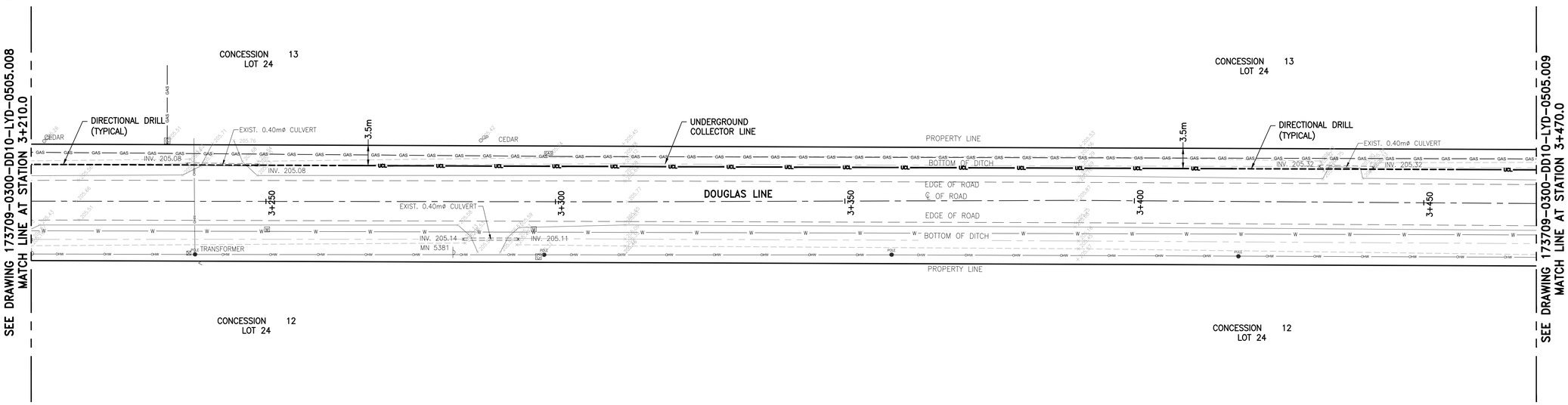
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UNDERGROUND COLLECTOR LINE – PROFILE

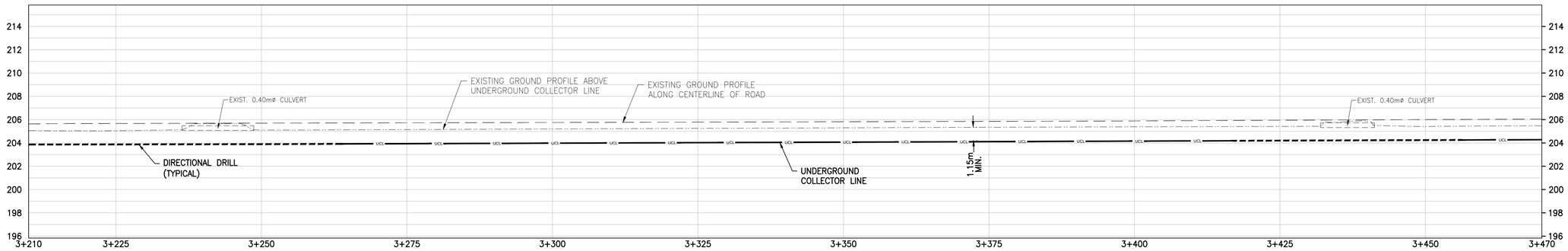
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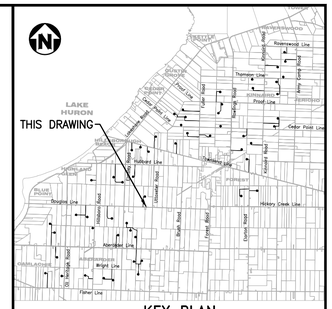
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

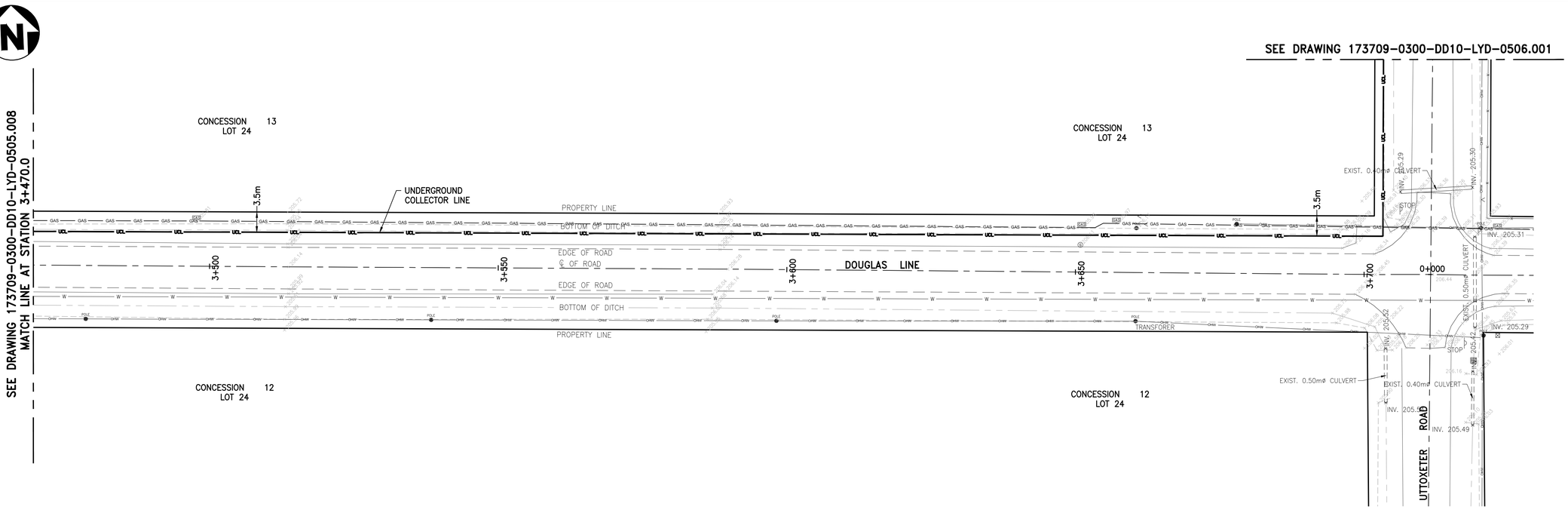
SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
DOUGLAS LINE
STATION 3+210.0 TO 3+470.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

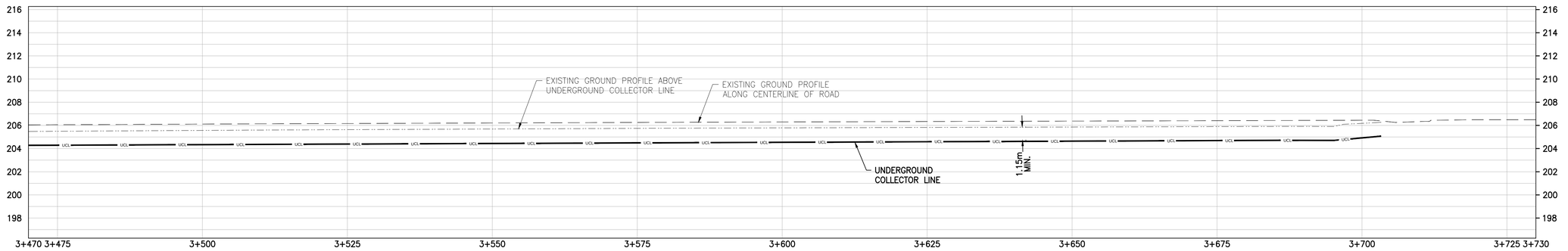
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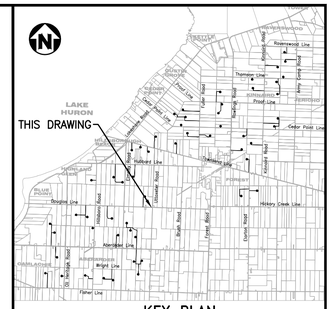
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
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GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH
(CB)	CATCH BASIN
(CO)	CLEAN OUT
(WSO)	WATER SHUTOFF
(F/C)	FACE OF CURB
(T/C)	TOP OF CURB
(M)	MAILBOX
(MH)	MANHOLE
(EH)	ELECTRICAL HANDHOLE
	CATCH BASIN
	IRON BAR
(G)	GAS
(GP)	GUARD POST
	OVERHEAD ELECTRICAL
(V)	WATER METER
	POLE ANCHOR
	FIRE HYDRANT
CL	CENTER LINE
EG	EDGE OF GRAVEL
	EXISTING CULVERT
HH	HYDRO MANHOLE
	SEWER MANHOLE
X 250.00	EXISTING GROUND ELEVATION
WSO	WATER SHUT OFF
GM	GAS METER
GV	GAS VALVE
HM	HYDRO METER
	TELEPHONE PEDESTAL
	SIGN
	TESTHOLE
BM	BENCH MARK
TH	TELEPHONE MANHOLE
TRH	TRAFFIC MANHOLE
WH	WATER MANHOLE
POLE	EXISTING POLE
	GUY WIRE
GP	GUARD POST
INV	INVERT
BOC	BOTTOM OF CURB
WM	WATER METER

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
DOUGLAS LINE
STATION 3+470.0 TO 3+730.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

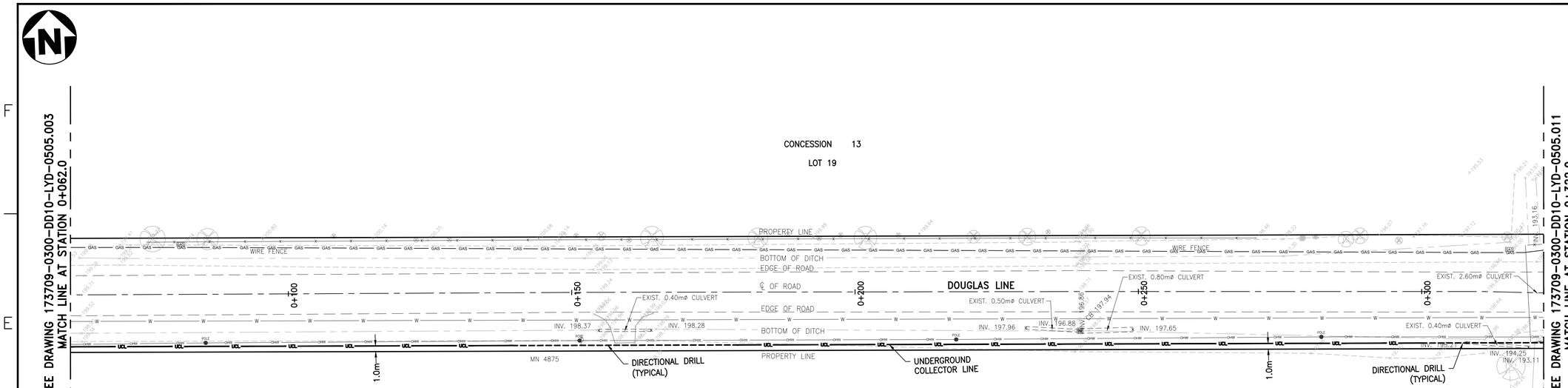
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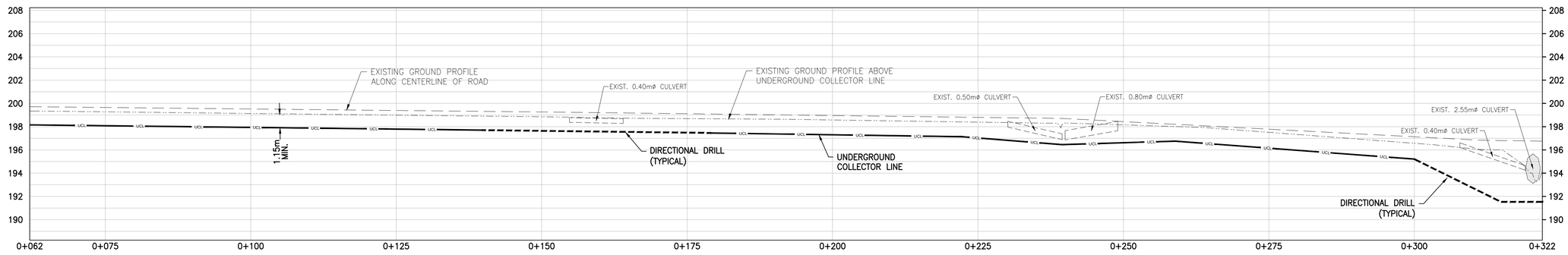
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DO NOT SCALE DRAWING



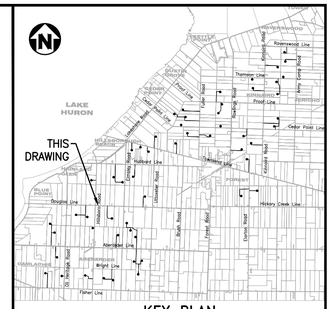
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
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7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
DOUGLAS LINE
STATION 0+062.0 TO 0+322.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

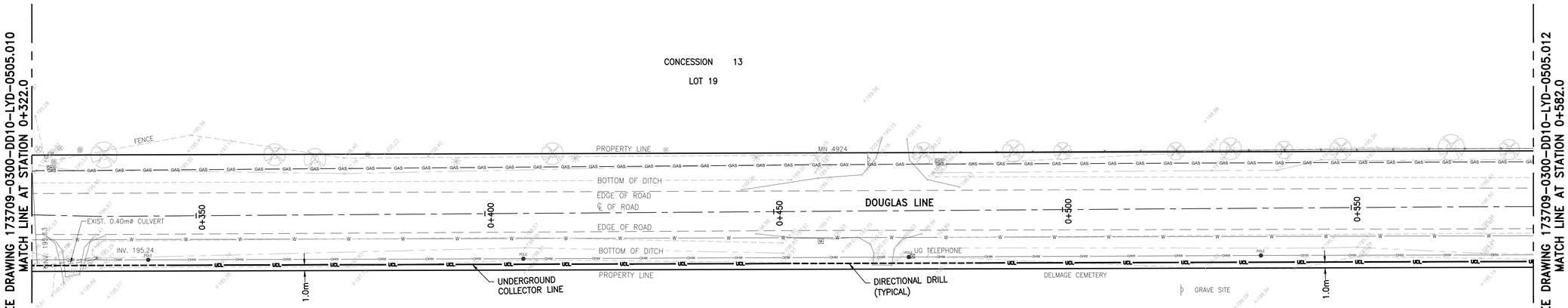
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DRAWING NO. 173709-0300-DD10-LYD-0505.010 REV. B

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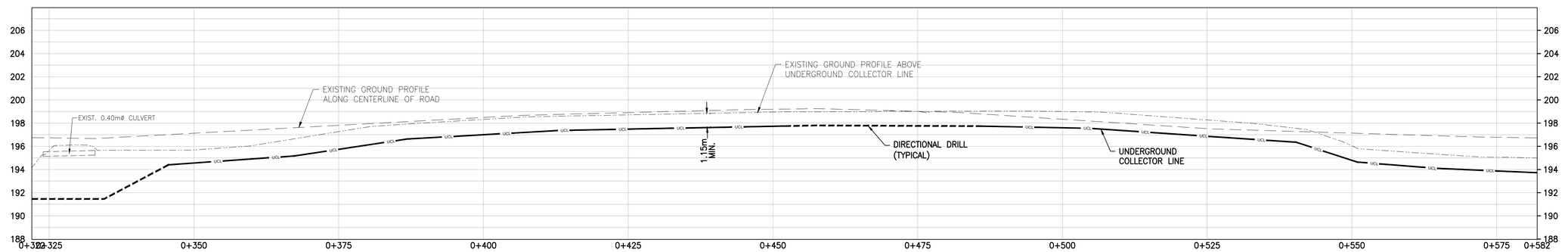
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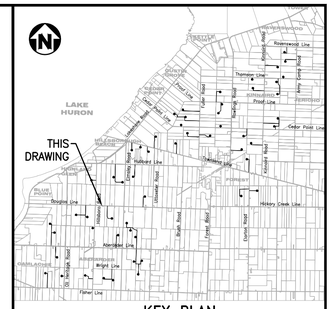
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN
(CO)	CLEAN OUT
(WSO)	WATER SHUTOFF
(F/C)	FACE OF CURB
(T/C)	TOP OF CURB
(M)	MAILBOX
(MH)	MANHOLE
(EH)	ELECTRICAL HANDHOLE
	CATCH BASIN
	IRON BAR
(G)	GAS
(GP)	GUARD POST
	OVERHEAD ELECTRICAL
(V)	WATER METER
	POLE ANCHOR
	FIRE HYDRANT
CL	CENTER LINE
EG	EDGE OF GRAVEL
	EXISTING CULVERT
HM	HYDRO MANHOLE
SM	SEWER MANHOLE
X 250.00	EXISTING GROUND ELEVATION

WSO	WATER SHUT OFF
GM	GAS METER
GV	GAS VALVE
HM	HYDRO METER
TP	TELEPHONE PEDESTAL
	SIGN
	TESTHOLE
BM	BENCH MARK
TH	TELEPHONE MANHOLE
TRH	TRAFFIC MANHOLE
WH	WATER MANHOLE
POLE	EXISTING POLE
	GUY WIRE
GP	GUARD POST
INV	INVERT
BOC	BOTTOM OF CURB
WM	WATER METER

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

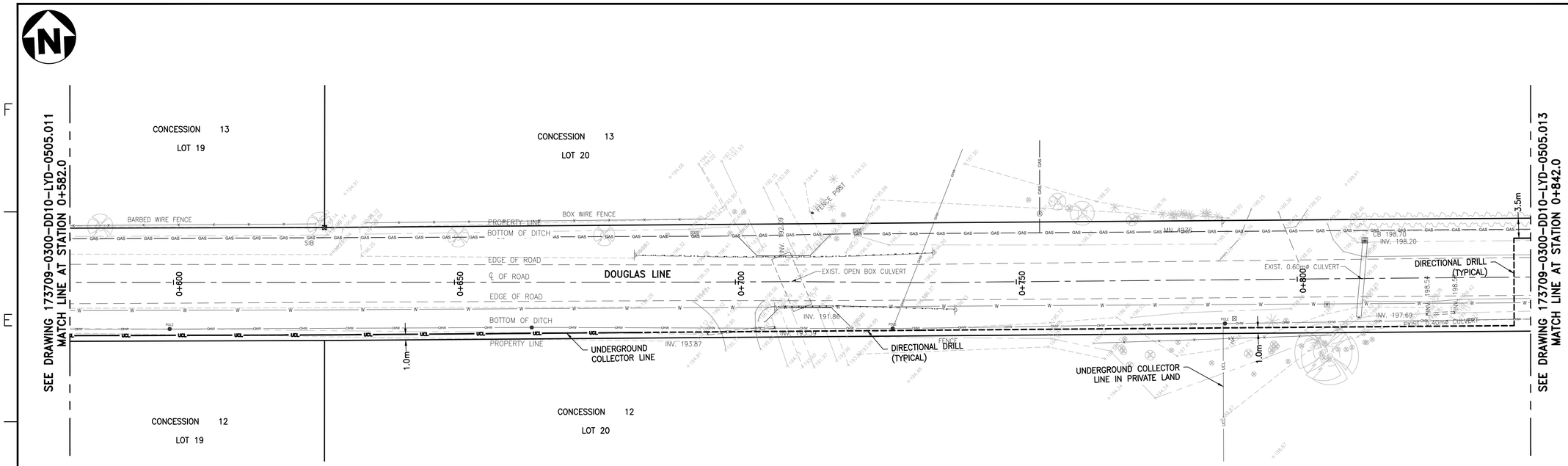
SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
DOUGLAS LINE
STATION 0+322.0 TO 0+582.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

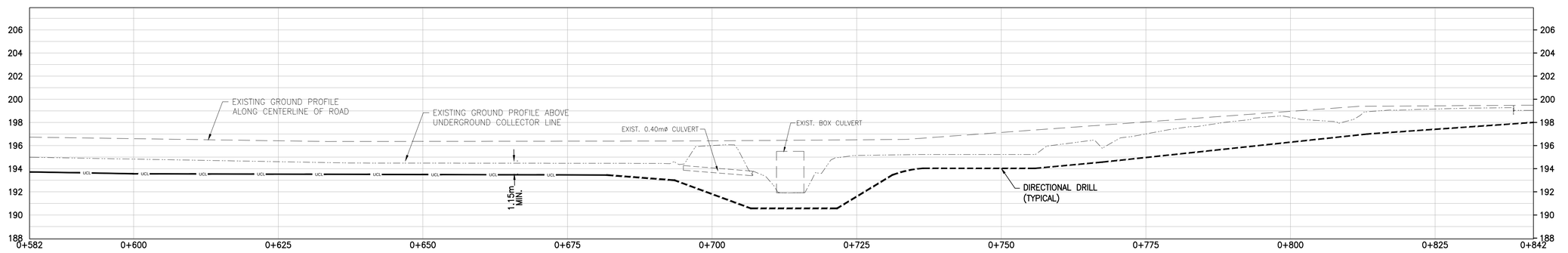
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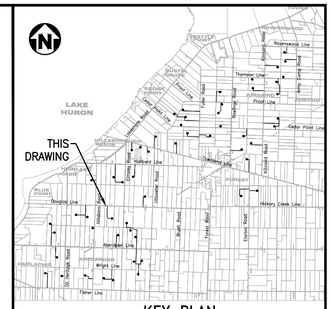
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
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LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN
(CO)	CLEAN OUT
(WSO)	WATER SHUTOFF
(F/C)	FACE OF CURB
(T/C)	TOP OF CURB
(M)	MAILBOX
(MH)	MANHOLE
(EH)	ELECTRICAL HANDHOLE
	CATCH BASIN
	IRON BAR
(G)	GAS
(GP)	GUARD POST
	OVERHEAD ELECTRICAL
(V)	WATER METER
	POLE ANCHOR
	FIRE HYDRANT
CL	CENTER LINE
EG	EDGE OF GRAVEL
	EXISTING CULVERT
HM	HYDRO MANHOLE
SM	SEWER MANHOLE
X 250.00	EXISTING GROUND ELEVATION

WSO	WATER SHUT OFF
GM	GAS METER
GV	GAS VALVE
HM	HYDRO METER
	TELEPHONE PEDESTAL
	SIGN
	TESTHOLE
BM	BENCH MARK
TH	TELEPHONE MANHOLE
TRH	TRAFFIC MANHOLE
WH	WATER MANHOLE
POLE	EXISTING POLE
	GUY WIRE
GP	GUARD POST
INV	INVERT
BOC	BOTTOM OF CURB
WM	WATER METER

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
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REF	NUMBER	TITLE
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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
DOUGLAS LINE
STATION 0+582.0 TO 0+842.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

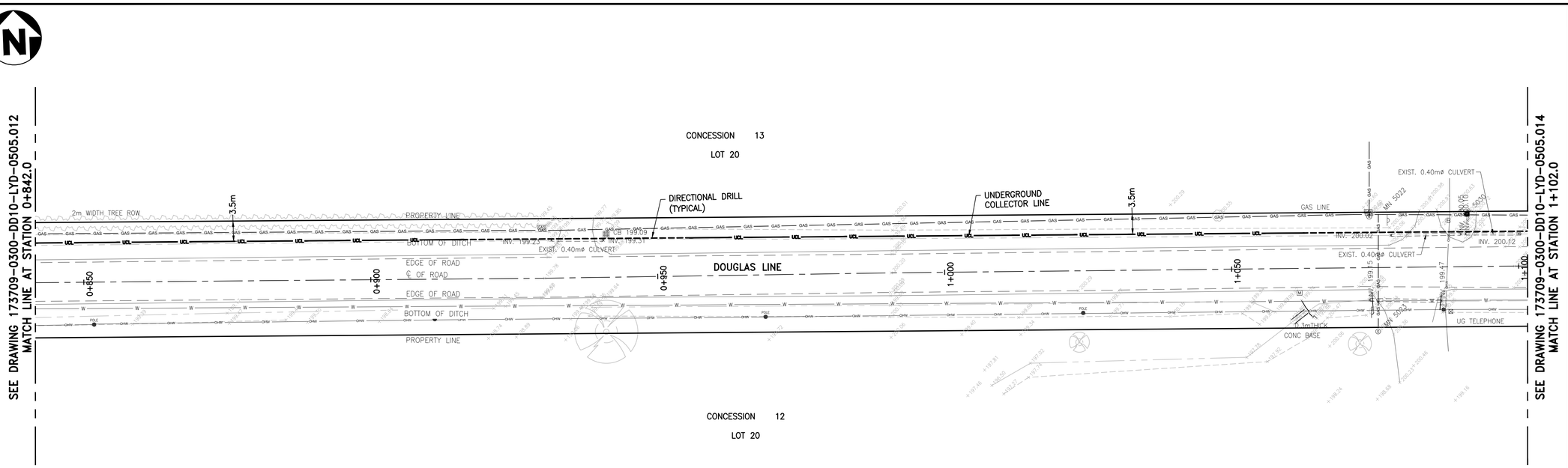
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173709-0300-DD10-LYD-0505.012	B

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CAD FILE: P:\CAD\CIVIL\173709-0300-DD10-LYD-0505.010 TO 016-ALT.DWG

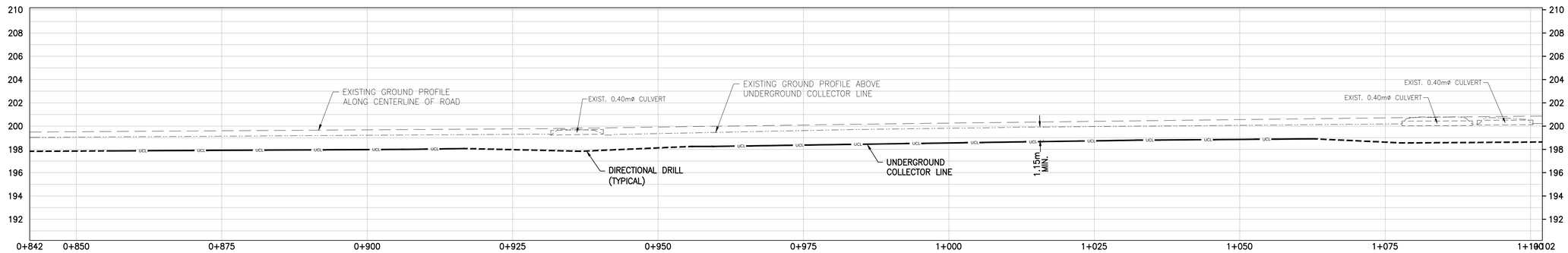
DO NOT SCALE DRAWING

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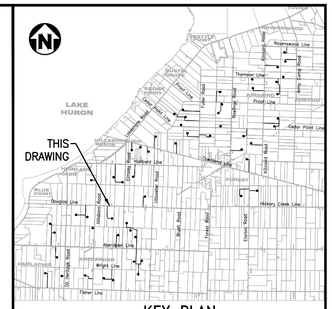
UNDERGROUND COLLECTOR LINE – PLAN

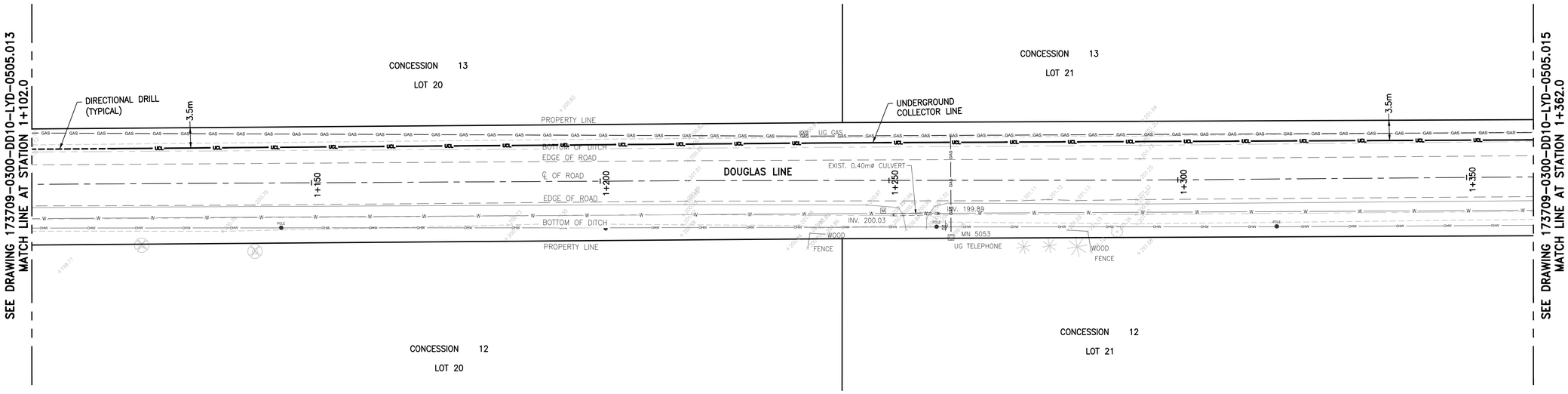
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UNDERGROUND COLLECTOR LINE – PROFILE

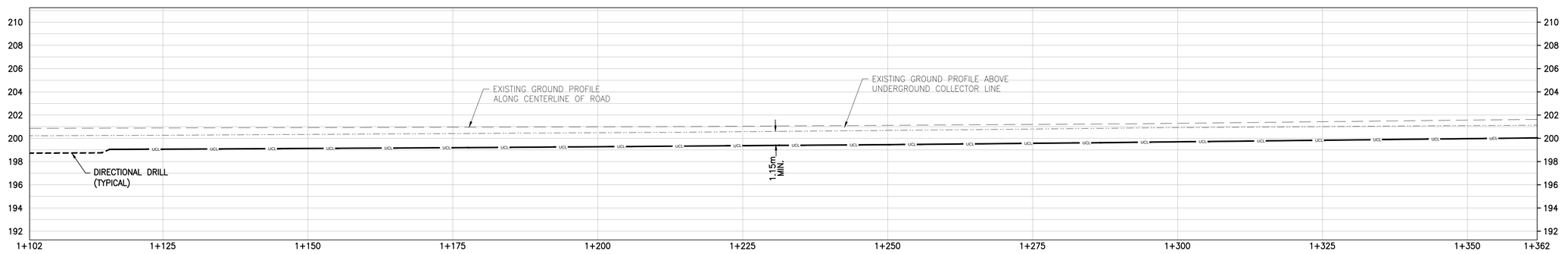
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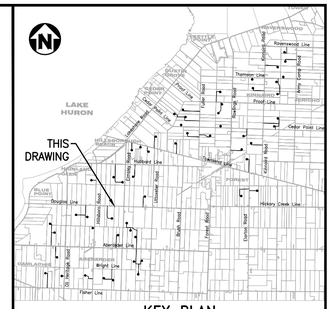
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

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OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN
(CO)	CLEAN OUT
(WSO)	WATER SHUTOFF
(F/C)	FACE OF CURB
(T/C)	TOP OF CURB
(M)	MAILBOX
(MH)	MANHOLE
(EH)	ELECTRICAL HANDHOLE
	CATCH BASIN
	IRON BAR
(G)	GAS
(GP)	GUARD POST
	OVERHEAD ELECTRICAL
(V)	WATER METER
	POLE ANCHOR
	FIRE HYDRANT
CL	CENTER LINE
EG	EDGE OF GRAVEL
	EXISTING CULVERT
HH	HYDRO MANHOLE
	SEWER MANHOLE
X 250.00	EXISTING GROUND ELEVATION

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GM	GAS METER
GV	GAS VALVE
HM	HYDRO METER
	TELEPHONE PEDESTAL
	SIGN
	TESTHOLE
BM	BENCH MARK
TH	TELEPHONE MANHOLE
TRH	TRAFFIC MANHOLE
WH	WATER MANHOLE
POLE	EXISTING POLE
	GUY WIRE
GP	GUARD POST
INV	INVERT
BOC	BOTTOM OF CURB
WM	WATER METER

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
DOUGLAS LINE
STATION 1+102.0 TO 1+362.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

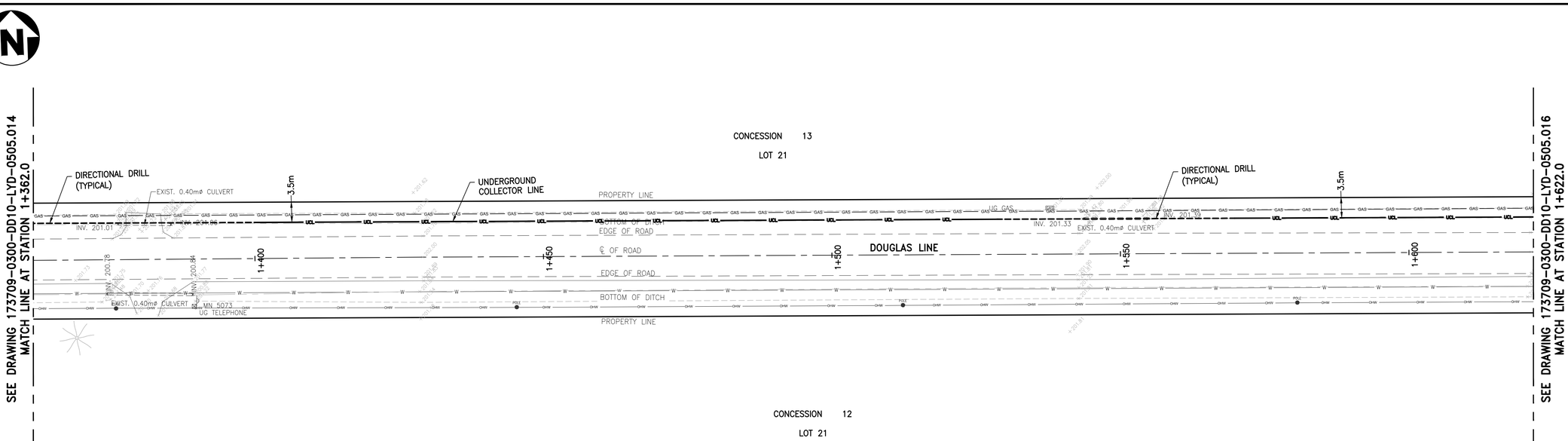
CLIENT DWG. NO.

DRAWING NO.	REV.
173709-0300-DD10-LYD-0505.014	B

SAVED: 29-Sep-14 3:06 PM PLOTTED: 01-Oct-14 6:32 PM (OAKVILLE) USER: GUO, MIKE

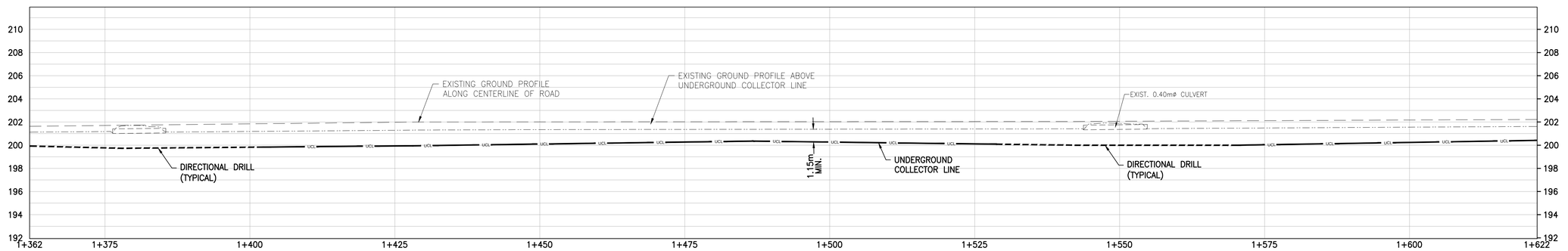
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DO NOT SCALE DRAWING



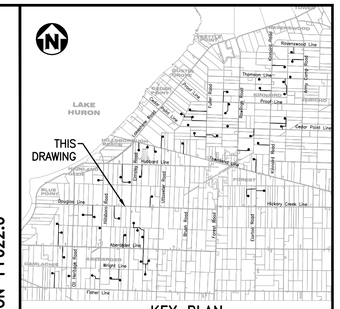
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
6. THE POSITION OF POLE LINES, CONDUITS, WATERMAIN, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
DOUGLAS LINE
STATION 1+362.0 TO 1+622.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

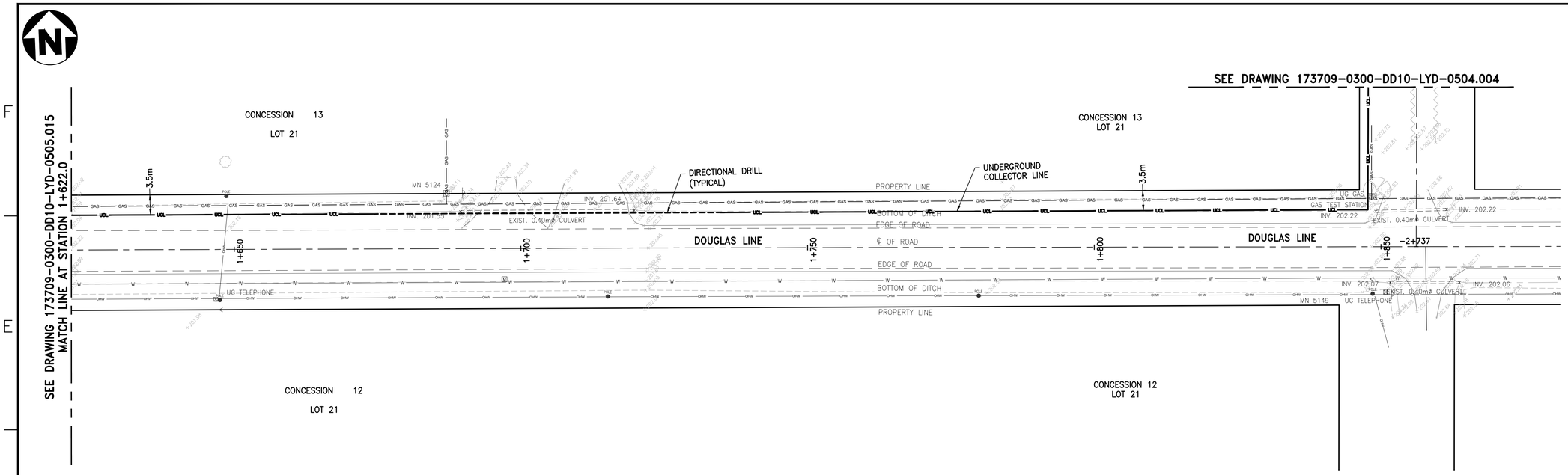
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DRAWING NO. 173709-0300-DD10-LYD-0505.015 REV. B

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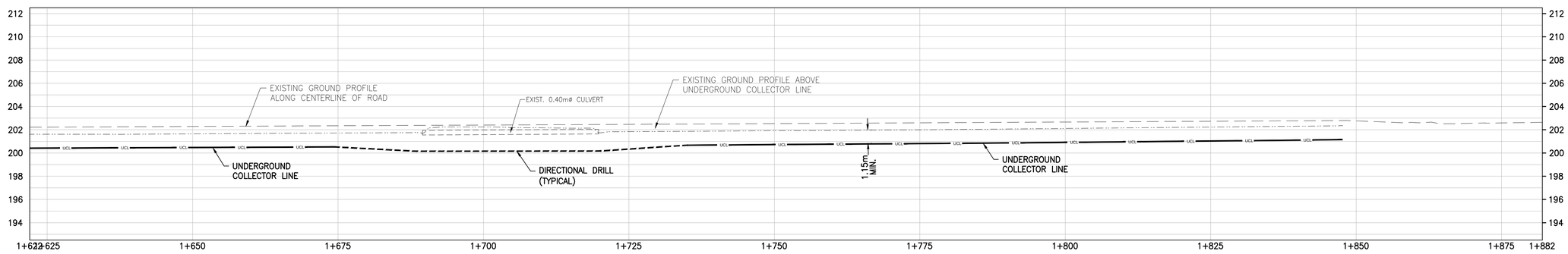
CAD FILE: P:\CAD\CIVIL\173709-0300-DD10-LYD-0505.010 TO 016-ALT.DWG

DO NOT SCALE DRAWING



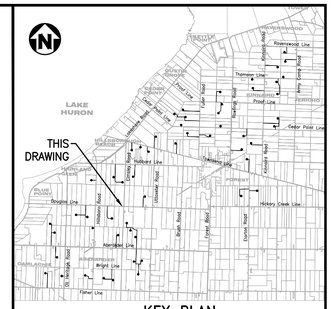
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB	TP	TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
CB	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

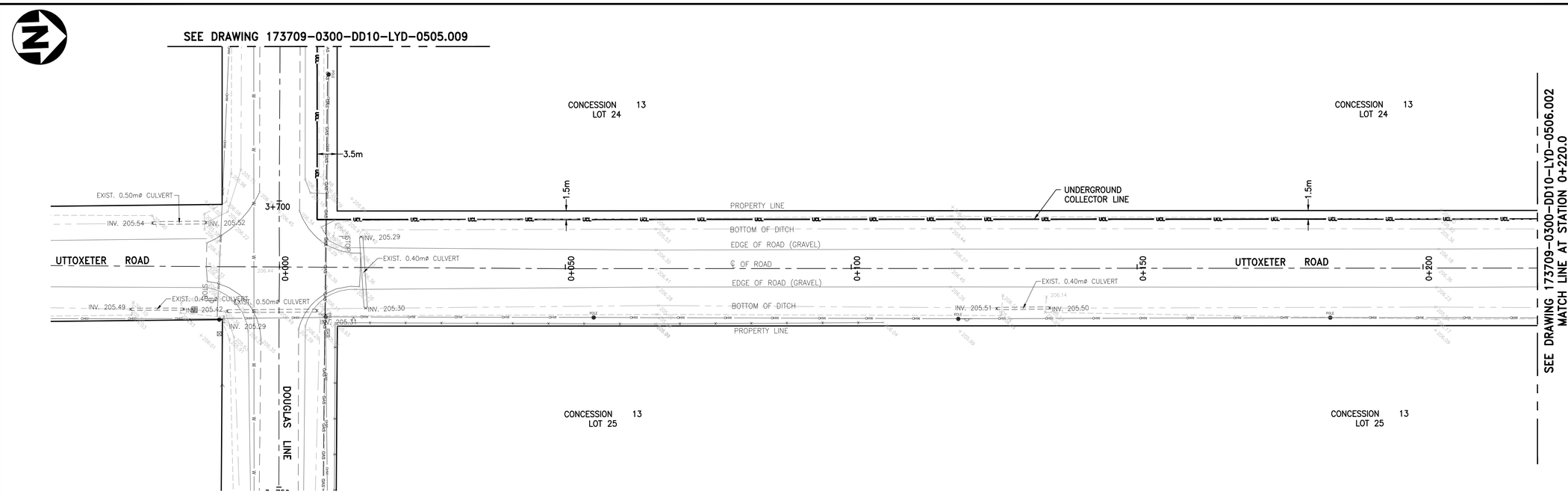
SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
DOUGLAS LINE
STATION 1+622.0 TO 1+882.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

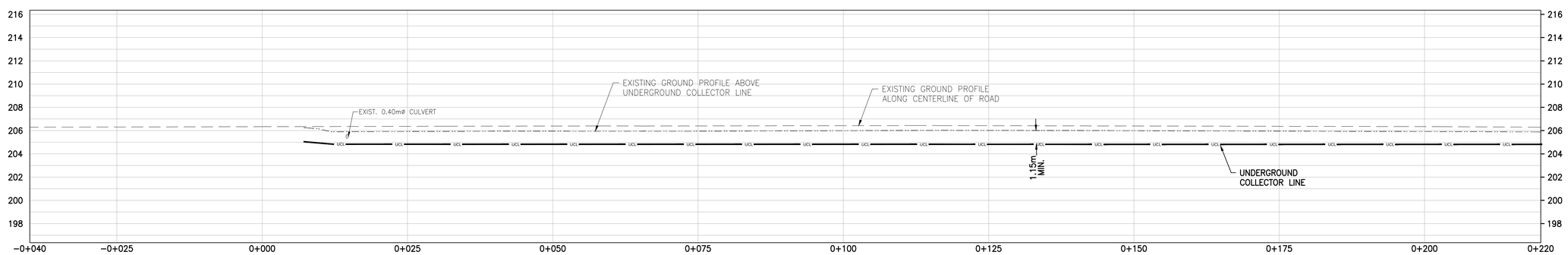
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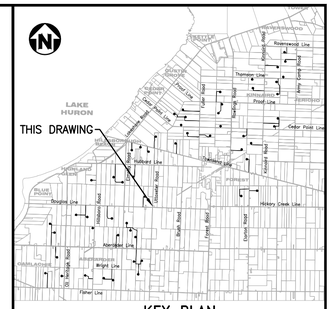
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
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LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH
(CB)	CATCH BASIN
(CO)	CLEAN OUT
(WSO)	WATER SHUTOFF
(F/C)	FACE OF CURB
(T/C)	TOP OF CURB
(M)	MAILBOX
(MH)	MANHOLE
(EH)	ELECTRICAL HANDHOLE
	CATCH BASIN
	IRON BAR
(G)	GAS
(GP)	GUARD POST
	OVERHEAD ELECTRICAL
(V)	WATER METER
	POLE ANCHOR
	FIRE HYDRANT
CL	CENTER LINE
EG	EDGE OF GRAVEL
	EXISTING CULVERT
HM	HYDRO MANHOLE
SM	SEWER MANHOLE
X 250.00	EXISTING GROUND ELEVATION
WSO	WATER SHUT OFF
GM	GAS METER
GV	GAS VALVE
HM	HYDRO METER
TP	TELEPHONE PEDESTAL
	SIGN
TH	TESTHOLE
BM	BENCH MARK
TH	TELEPHONE MANHOLE
TRH	TRAFFIC MANHOLE
WH	WATER MANHOLE
POLE	EXISTING POLE
	GUY WIRE
GP	GUARD POST
INV	INVERT
BOC	BOTTOM OF CURB
WM	WATER METER

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	

SCALE: AS SHOWN

PACKAGE CODE

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
UTTOXETER ROAD
STATION 0+000.0 TO 0+220.0

AREA 0300

SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

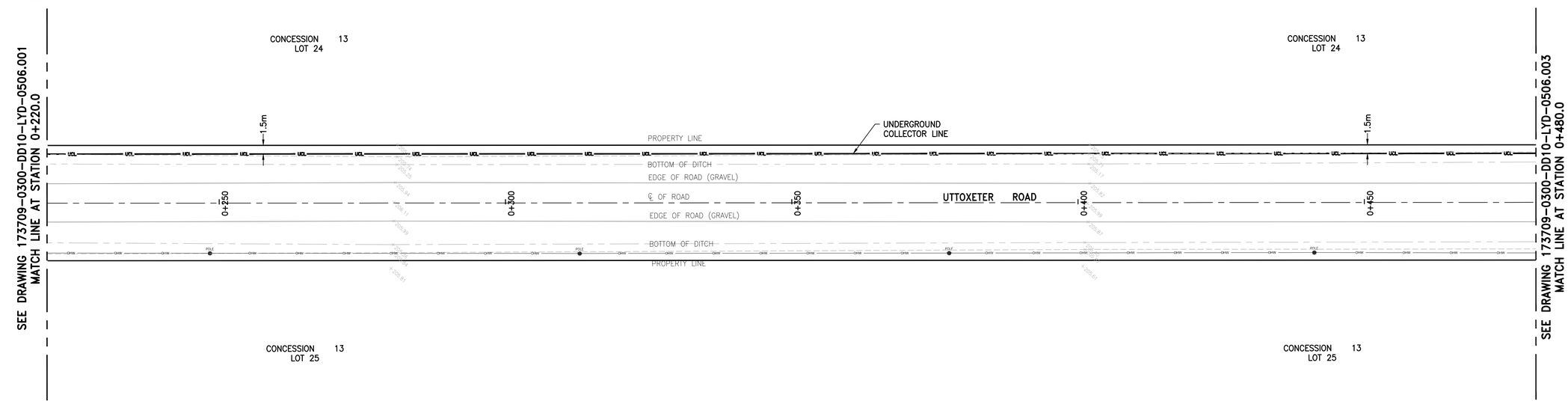
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0506.001 REV. A

SAVED: 17-Sep-14 3:23 PM PLOTTED: 01-Oct-14 6:43 PM (OAKVILLE) USER: GUO, MIKE

CAD FILE: P:\CAD\CAD\173709-0300-DD10-LYD-0506.001 TO 011.DWG

DO NOT SCALE DRAWING

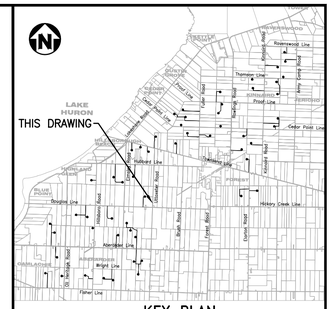


UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
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4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
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LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH
(CB)	CATCH BASIN
(CO)	CLEAN OUT
(WSO)	WATER SHUTOFF
(F/C)	FACE OF CURB
(T/C)	TOP OF CURB
(M)	MAILBOX
(MH)	MANHOLE
(EH)	ELECTRICAL HANDHOLE
	CATCH BASIN
	IRON BAR
(G)	GAS
(GP)	GUARD POST
	OVERHEAD ELECTRICAL
(V)	WATER METER
	POLE ANCHOR
	FIRE HYDRANT
CL	CENTER LINE
EG	EDGE OF GRAVEL
	EXISTING CULVERT
HH	HYDRO MANHOLE
	SEWER MANHOLE
X 250.00	EXISTING GROUND ELEVATION
WSO	WATER SHUT OFF
	GAS METER
GV	GAS VALVE
HM	HYDRO METER
	TELEPHONE PEDESTAL
	SIGN
	TESTHOLE
BM	BENCH MARK
TH	TELEPHONE MANHOLE
TRH	TRAFFIC MANHOLE
WH	WATER MANHOLE
POLE	EXISTING POLE
	GUY WIRE
GP	GUARD POST
INV	INVERT
BOC	BOTTOM OF CURB
WM	WATER METER

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
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REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
UTTOXETER ROAD
STATION 0+220.0 TO 0+480.0

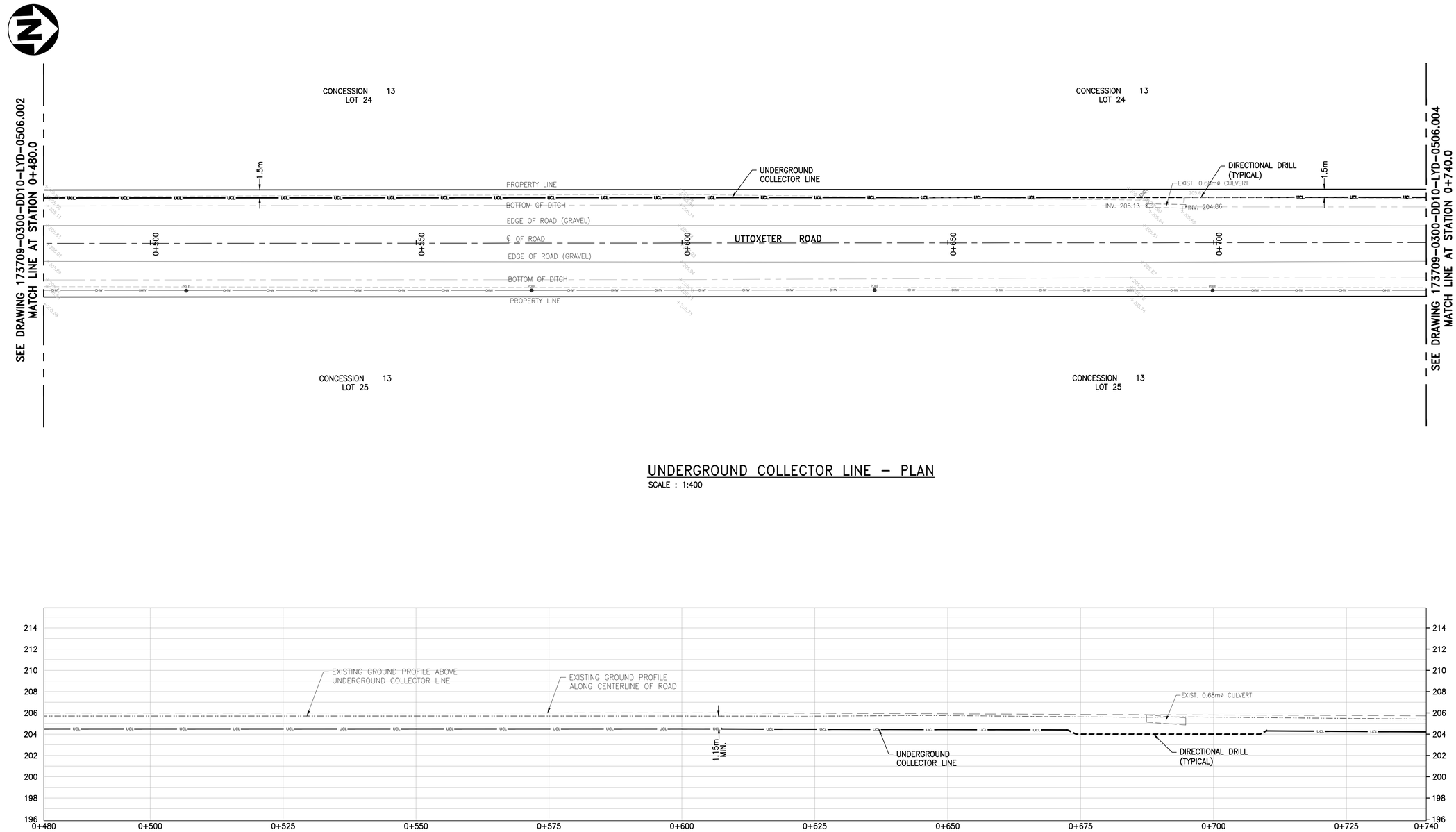
AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0506.002 REV. A

SAVED: 17-Sep-14 3:23 PM PLOTTED: 01-Oct-14 6:45 PM (OAKVILLE) USER: GUO, MIKE

CAD FILE: P:\CAD\CIVIL\173709-0300-DD10-LYD-0506.001 TO 011.DWG

DO NOT SCALE DRAWING

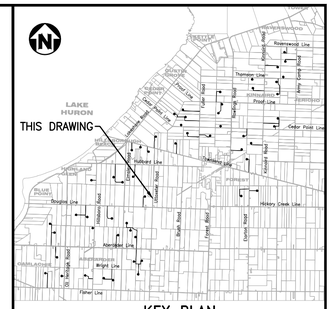


UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
6. THE POSITION OF POLE LINES, CONDUITS, WATERMAIN, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	G	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
S	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
		REFERENCES

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
UTTOXETER ROAD
STATION 0+480.0 TO 0+740.0

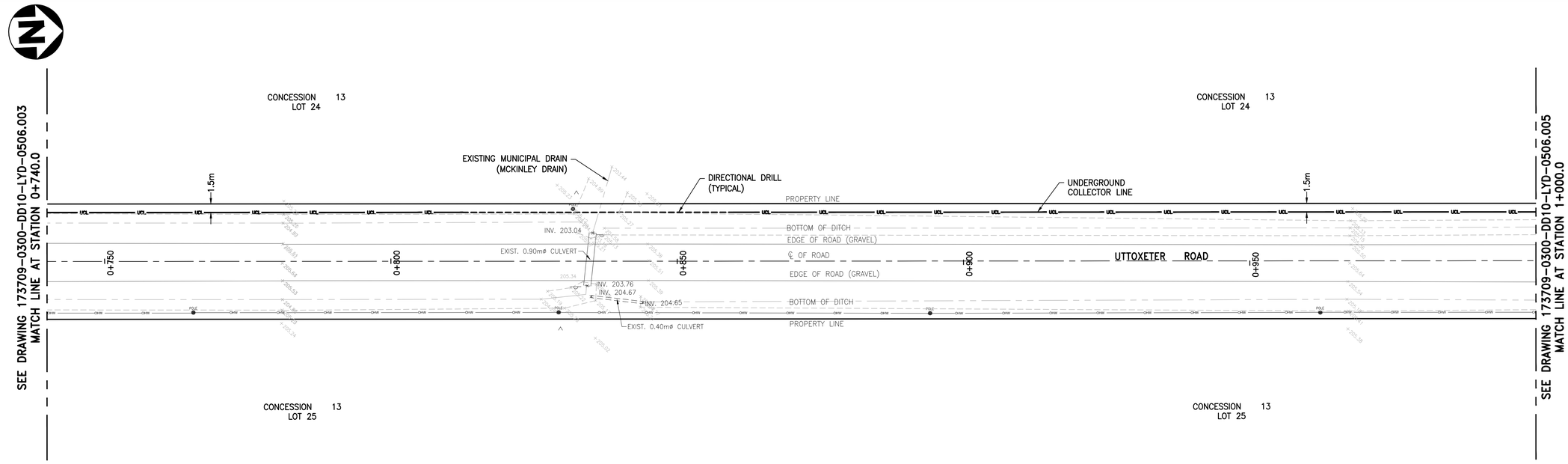
AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0506.003 REV. A

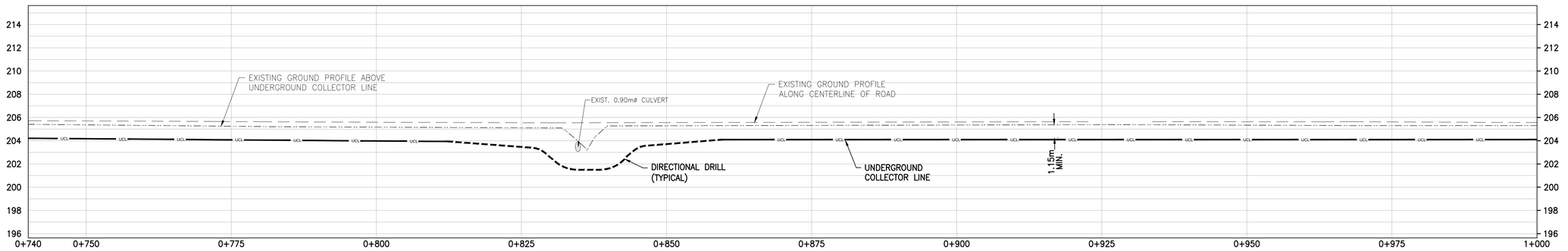
CAD FILE: P:\CAD\CIVIL\173709-0300-DD10-LYD-0506.001 TO 011.DWG

SAVED: 17-Sep-14 3:23 PM PLOTTED: 01-Oct-14 6:48 PM (OAKVILLE) USER: GUO, MIKE



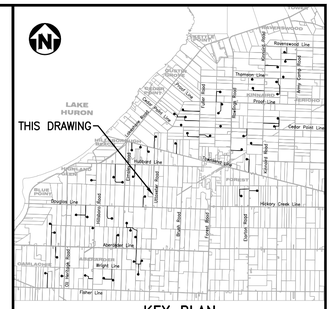
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT		GAS METER
(WSO)	WATER SHUTOFF		GAS VALVE
(F/C)	FACE OF CURB		HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	

SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
UTTOXETER ROAD
STATION 0+740.0 TO 1+000.0

AREA	SUNCOR ENERGY
0300	CEDAR POINT II WIND POWER PROJECT

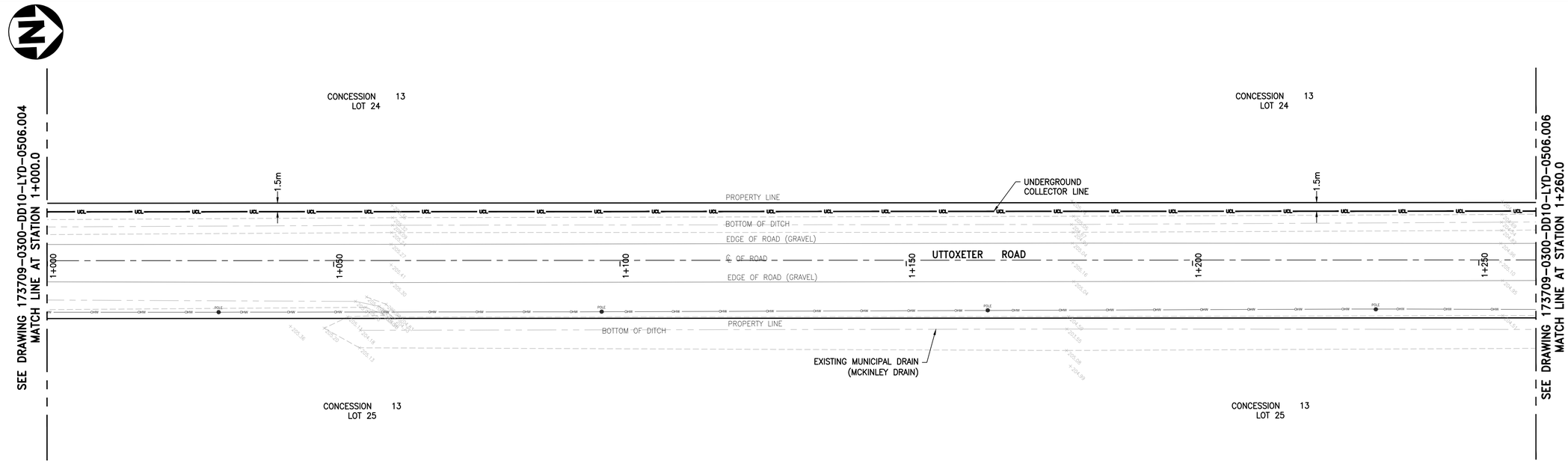
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0506.004 REV. X

SAVED: 17-Sep-14 3:23 PM PLOTTED: 01-Oct-14 6:51 PM USER: GUO, MIKE
(OAKVILLE)

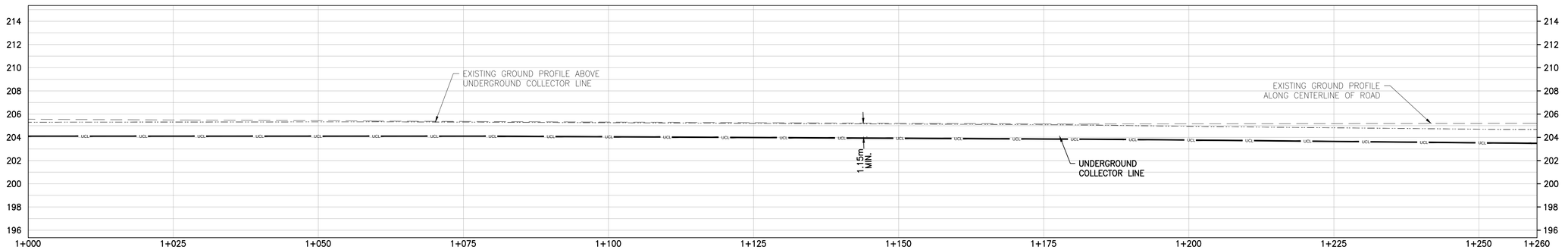
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DO NOT SCALE DRAWING



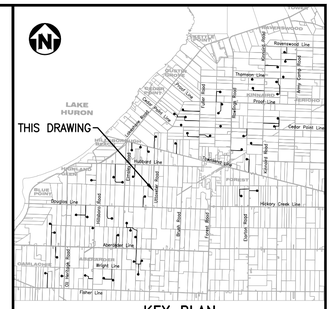
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN
(CO)	CLEAN OUT
(WSO)	WATER SHUTOFF
(F/C)	FACE OF CURB
(T/C)	TOP OF CURB
(M)	MAILBOX
(MH)	MANHOLE
(EH)	ELECTRICAL HANDHOLE
	CATCH BASIN
	IRON BAR
(G)	GAS
(GP)	GUARD POST
	OVERHEAD ELECTRICAL
(V)	WATER METER
	POLE ANCHOR
	FIRE HYDRANT
CL	CENTER LINE
EG	EDGE OF GRAVEL
	EXISTING CULVERT
HM	HYDRO MANHOLE
	SEWER MANHOLE
X 250.00	EXISTING GROUND ELEVATION

WSO	WATER SHUT OFF
GM	GAS METER
GV	GAS VALVE
HM	HYDRO METER
	TELEPHONE PEDESTAL
	SIGN
	TESTHOLE
BM	BENCH MARK
TH	TELEPHONE MANHOLE
TRH	TRAFFIC MANHOLE
WH	WATER MANHOLE
POLE	EXISTING POLE
	GUY WIRE
GP	GUARD POST
INV	INVERT
BOC	BOTTOM OF CURB
WM	WATER METER

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	

SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
UTTOXETER ROAD
STATION 1+000.0 TO 1+260.0

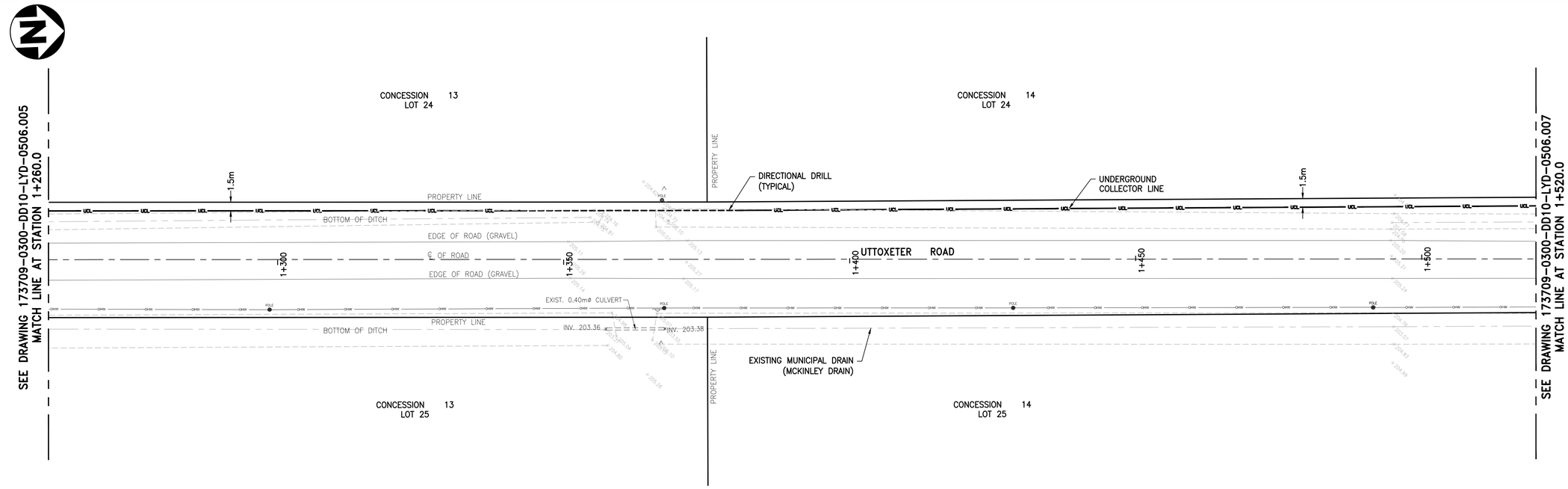
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0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0506.005 REV. A

SAVED: 17-Sep-14 3:23 PM PLOTTED: 01-Oct-14 6:54 PM (OAKVILLE) USER: GUO, MIKE

CAD FILE: P:\CAD\CIVIL\173709-0300-DD10-LYD-0506.001 TO 011.DWG

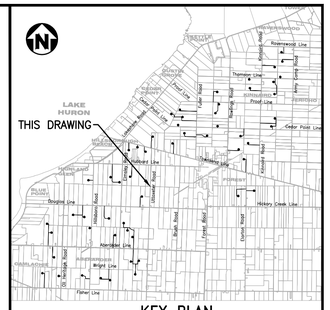


UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	

SCALE: AS SHOWN

PACKAGE CODE:

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
UTTOXETER ROAD
STATION 1+260.0 TO 1+520.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT
CLIENT DWG. NO.

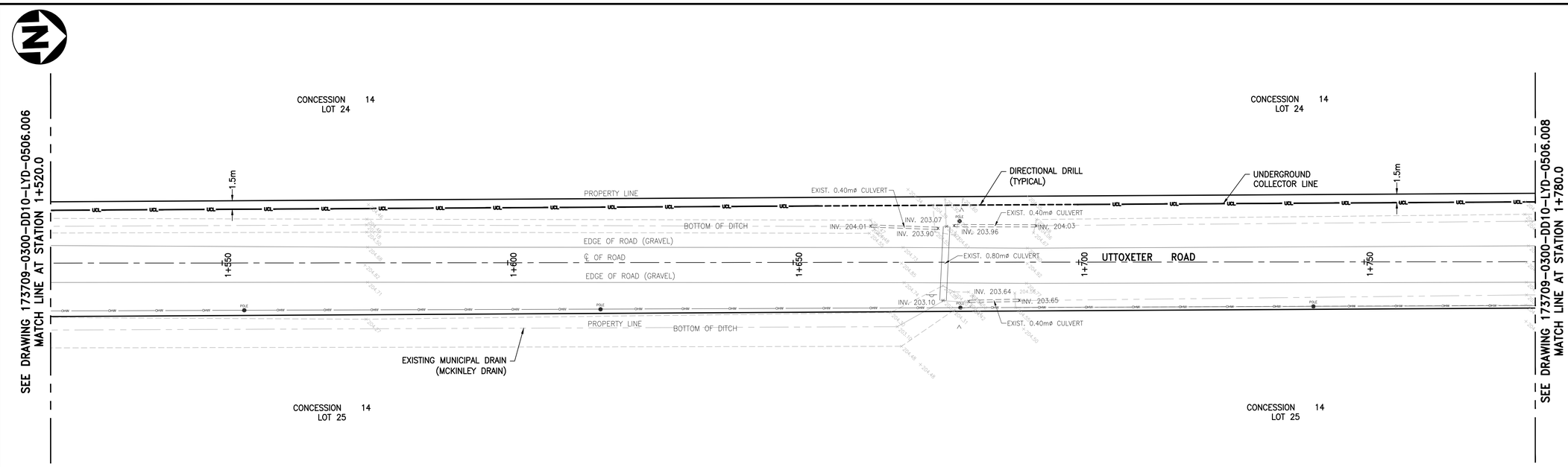
DRAWING NO. 173709-0300-DD10-LYD-0506.006 REV. A

SAVED: 17-Sep-14 3:23 PM PLOTTED: 01-Oct-14 6:57 PM (OAKVILLE) USER: GUO, MIKE

CAD FILE: P:\CAD\CIVIL\173709-0300-DD10-LYD-0506.001 TO 011.DWG

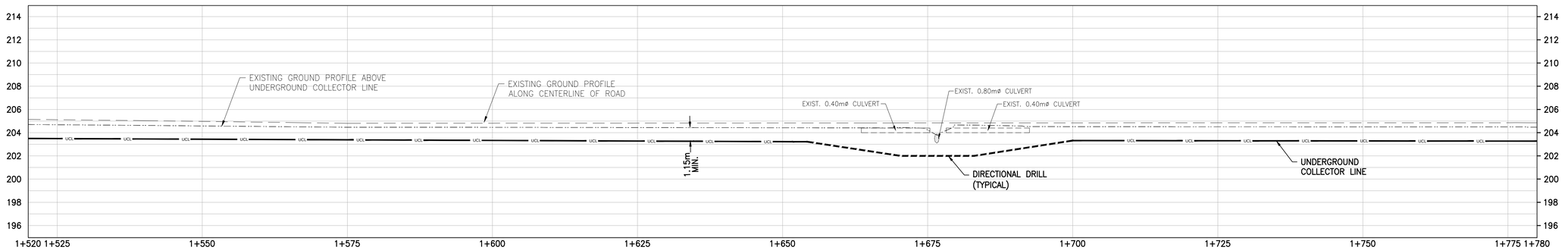
DO NOT SCALE DRAWING

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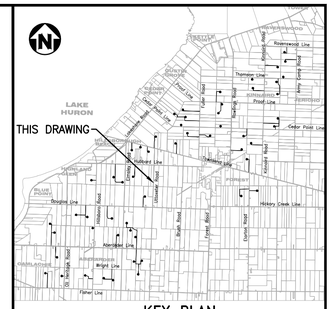
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

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7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN IRON BAR	TH	TELEPHONE MANHOLE
(G)	GAS	TRH	TRAFFIC MANHOLE
(GP)	GUARD POST	WH	WATER MANHOLE
	OVERHEAD ELECTRICAL	POLE	EXISTING POLE
(V)	WATER METER		GUY WIRE
	POLE ANCHOR	GP	GUARD POST
	FIRE HYDRANT	INV	INVERT
CL	CENTER LINE	BOC	BOTTOM OF CURB
EG	EDGE OF GRAVEL	WM	WATER METER
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
UTTOXETER ROAD
STATION 1+520.0 TO 1+780.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

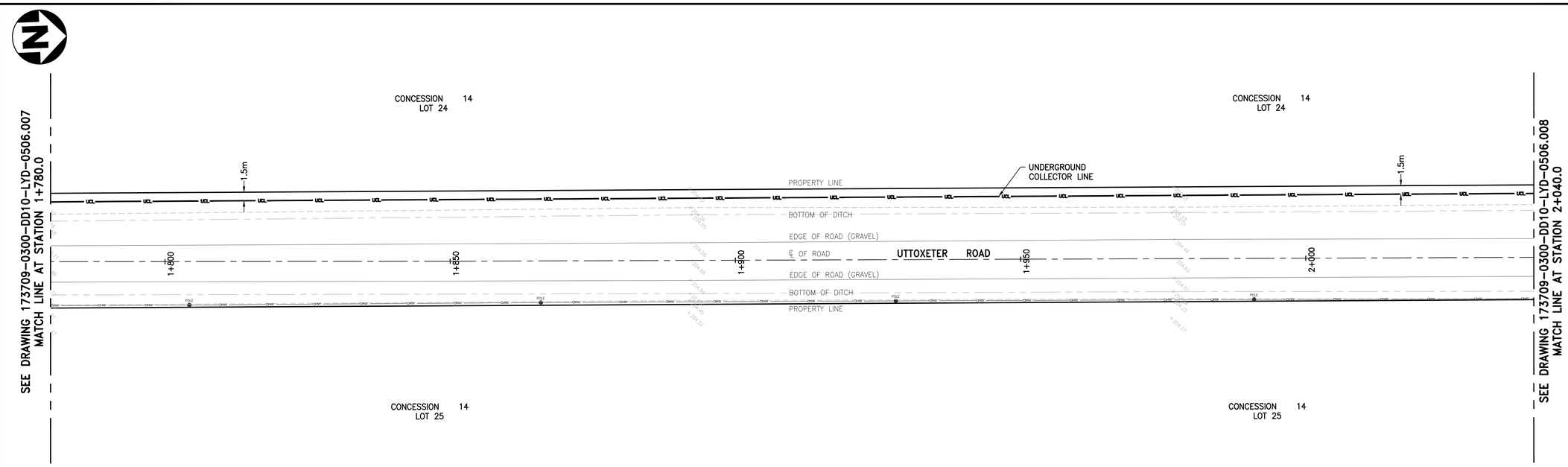
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DRAWING NO. 173709-0300-DD10-LYD-0506.007 REV. A

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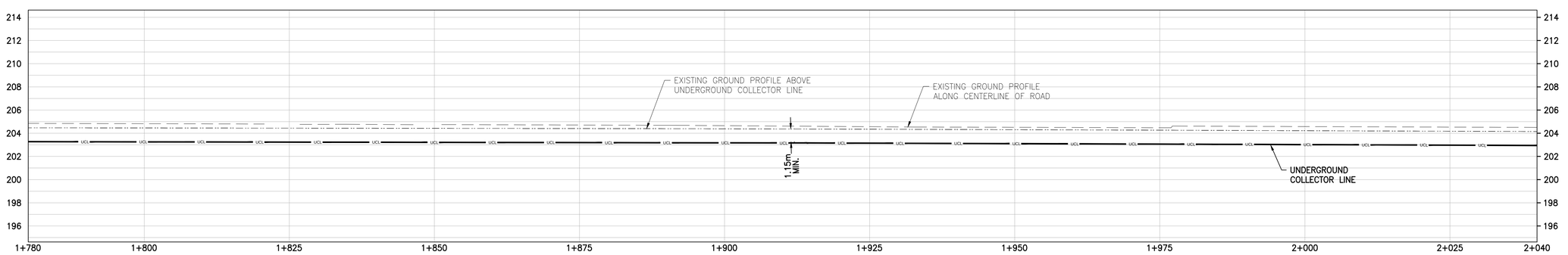
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DO NOT SCALE DRAWING



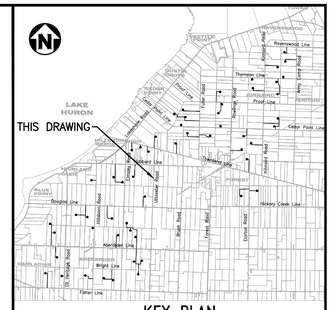
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
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LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH
(CB)	CATCH BASIN
(CO)	CLEAN OUT
(WSO)	WATER SHUTOFF
(F/C)	FACE OF CURB
(T/C)	TOP OF CURB
(M)	MAILBOX
(MH)	MANHOLE
(EH)	ELECTRICAL HANDHOLE
	CATCH BASIN
	IRON BAR
(G)	GAS
(GP)	GUARD POST
	OVERHEAD ELECTRICAL
(V)	WATER METER
	POLE ANCHOR
	FIRE HYDRANT
CL	CENTER LINE
EG	EDGE OF GRAVEL
	EXISTING CULVERT
HH	HYDRO MANHOLE
	SEWER MANHOLE
X 250.00	EXISTING GROUND ELEVATION
WSO	WATER SHUT OFF
GM	GAS METER
GV	GAS VALVE
HM	HYDRO METER
	TELEPHONE PEDESTAL
	SIGN
	TESTHOLE
BM	BENCH MARK
TH	TELEPHONE MANHOLE
TRH	TRAFFIC MANHOLE
WH	WATER MANHOLE
POLE	EXISTING POLE
	GUY WIRE
GP	GUARD POST
INV	INVERT
BOC	BOTTOM OF CURB
WM	WATER METER

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
UTTOXETER ROAD
STATION 1+780.0 TO 2+040.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

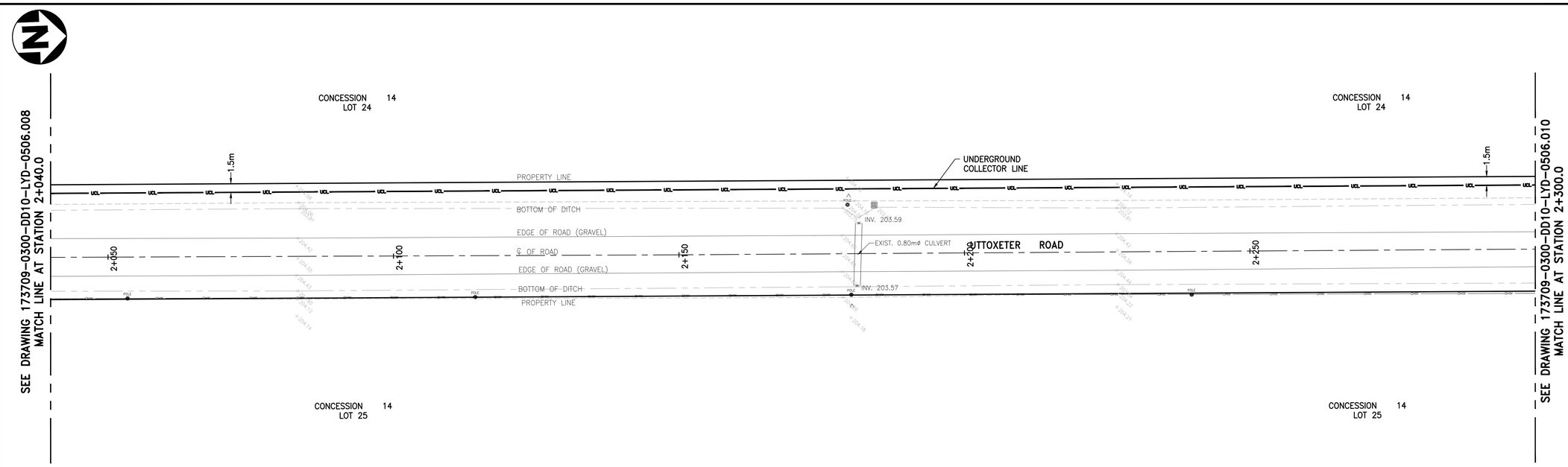
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0506.008 REV. A

SAVED: 17-Sep-14 3:23 PM PLOTTED: 01-Oct-14 7:02 PM (OAKVILLE) USER: GUO, MIKE

CAD FILE: P:\CAD\CAD\173709-0300-DD10-LYD-0506.001 TO 011.DWG

DO NOT SCALE DRAWING

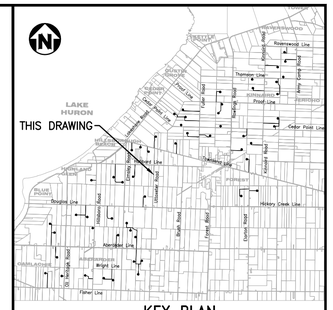


UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
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LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH
(CB)	CATCH BASIN
(CO)	CLEAN OUT
(WSO)	WATER SHUTOFF
(F/C)	FACE OF CURB
(T/C)	TOP OF CURB
(M)	MAILBOX
(MH)	MANHOLE
(EH)	ELECTRICAL HANDHOLE
	CATCH BASIN
	IRON BAR
(G)	GAS
(GP)	GUARD POST
	OVERHEAD ELECTRICAL
(V)	WATER METER
	POLE ANCHOR
	FIRE HYDRANT
CL	CENTER LINE
EG	EDGE OF GRAVEL
	EXISTING CULVERT
HM	HYDRO MANHOLE
	SEWER MANHOLE
X 250.00	EXISTING GROUND ELEVATION
WSO	WATER SHUT OFF
GM	GAS METER
GV	GAS VALVE
HM	HYDRO METER
	TELEPHONE PEDESTAL
	SIGN
	TESTHOLE
BM	BENCH MARK
TH	TELEPHONE MANHOLE
TRH	TRAFFIC MANHOLE
WH	WATER MANHOLE
POLE	EXISTING POLE
	GUY WIRE
GP	GUARD POST
INV	INVERT
BOC	BOTTOM OF CURB
WM	WATER METER

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	

SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

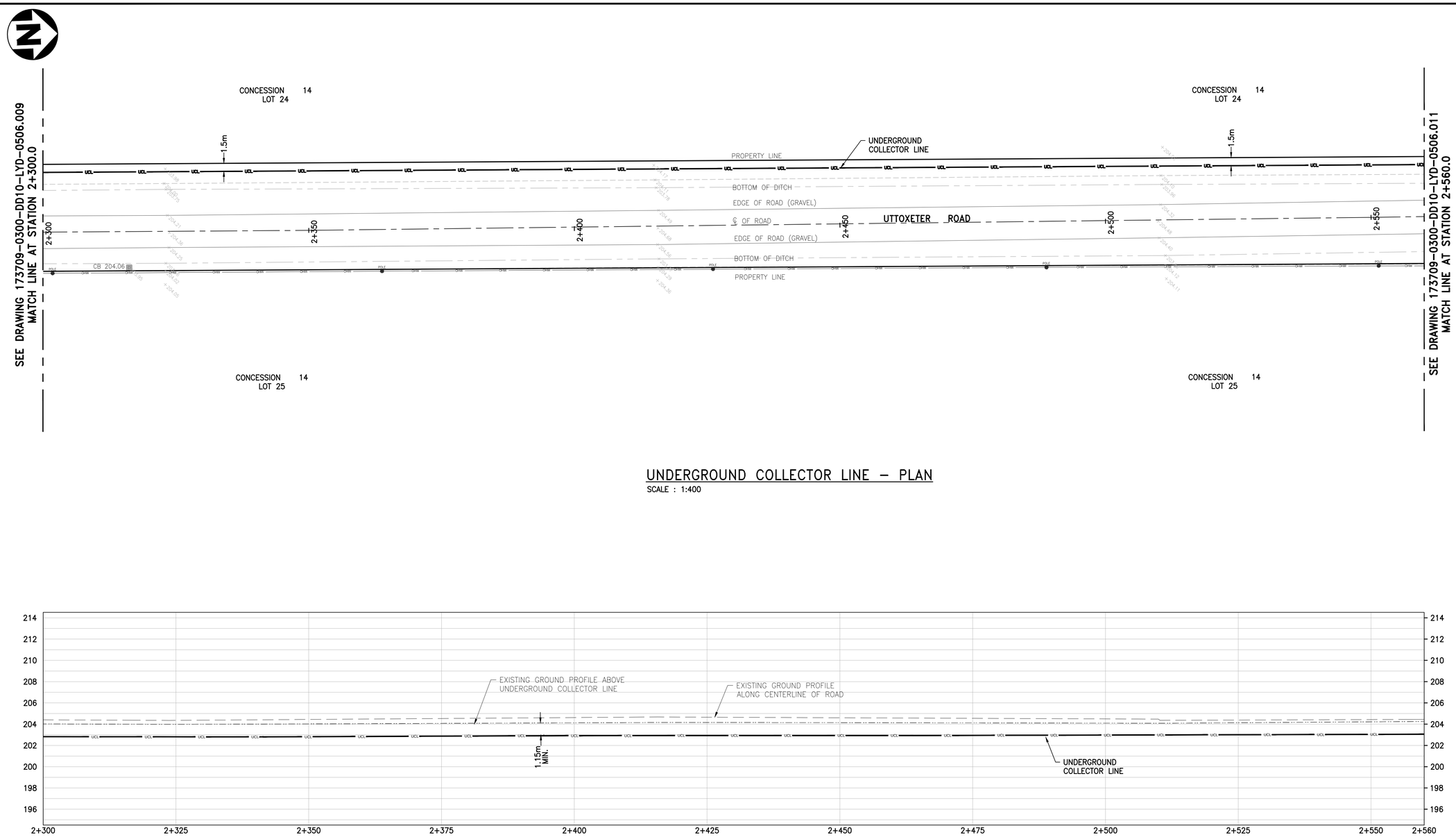
SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
UTTOXETER ROAD
STATION 2+040.0 TO 2+300.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0506.009 REV. A

SAVED: 17-Sep-14 3:23 PM PLOTTED: 01-Oct-14 7:05 PM (OAKVILLE) USER: GUO, MIKE
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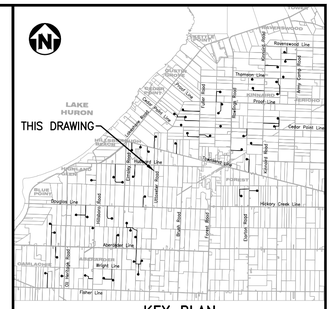


UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400

UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	G	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
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STAMP/SEAL

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	

SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

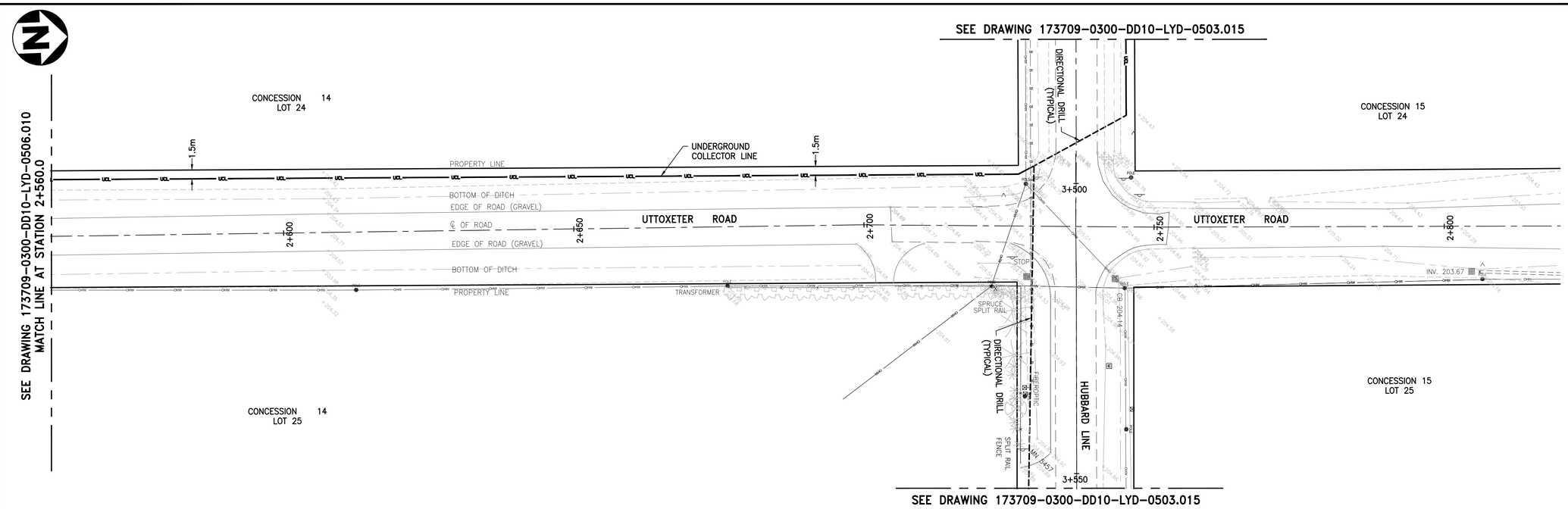
SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
UTTOXETER ROAD
STATION 2+300.0 TO 2+560.0

AREA	SUNCOR ENERGY
0300	CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

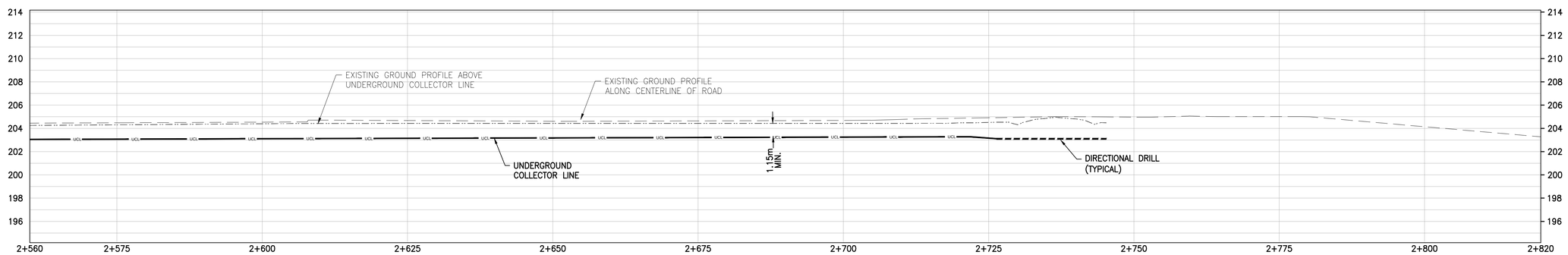
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SAVED: 17-Sep-14 3:23 PM PLOTTED: 01-Oct-14 7:08 PM (OAKVILLE) USER: GUO, MIKE
CAD FILE: P:\CAD\CIVIL\173709-0300-DD10-LYD-0506.001 TO 011.DWG



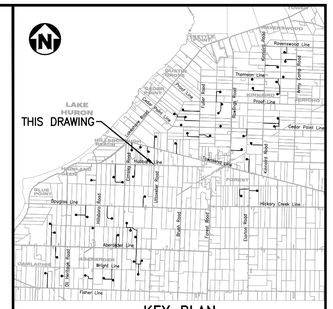
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

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(CO)	CLEAN OUT	G	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
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(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
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	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
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SH	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
		RE-ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
0	16SEP2014	ISSUED FOR CONSTRUCTION	MG	MH	PP	GA		
C	13JUN2014	ISSUED FOR BID	MG	MH	PP	GA		
B	11JUN2014	ISSUED FOR SQUAD CHECK	MG	MH	PP	GA		
A	29APR2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.
173709	
SCALE	PACKAGE CODE
AS SHOWN	

	BY	DDMMMYY
DES	PP	03FEB2014
DRN	MG	03FEB2014
CHK	MH	03FEB2014
APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
UTTOXETER ROAD
STATION 2+560.0 TO 2+800.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

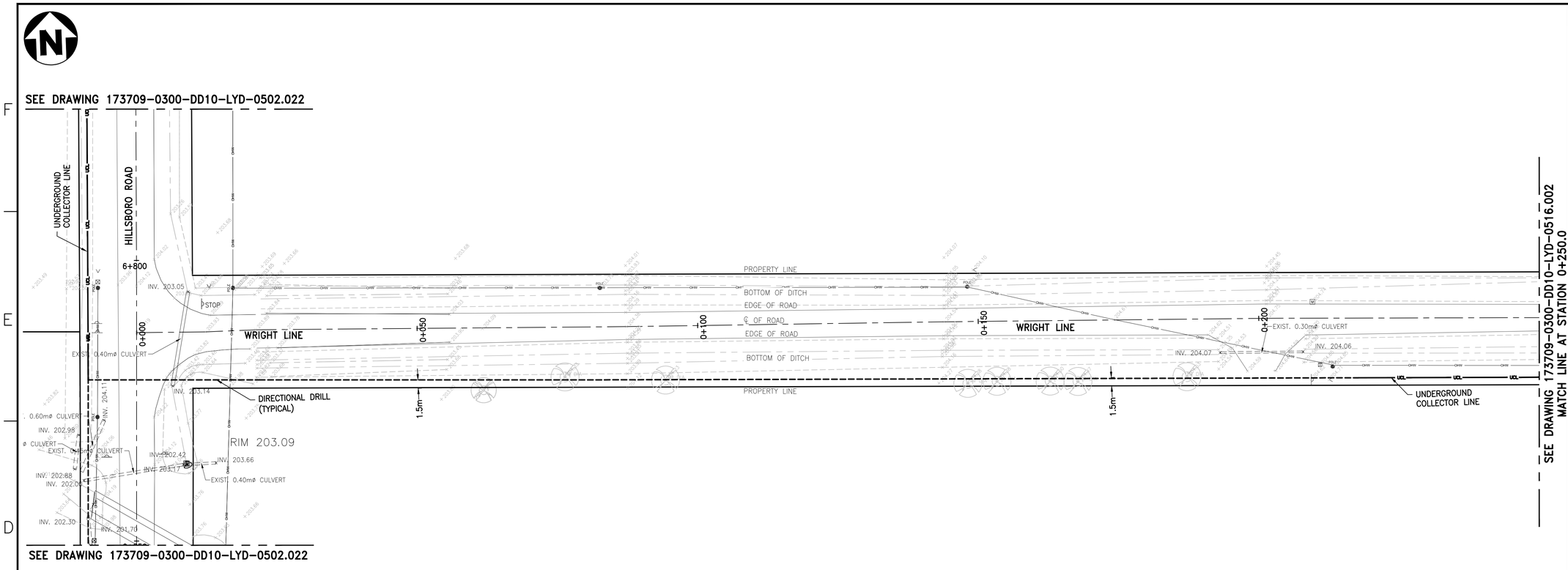
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DRAWING NO. 173709-0300-DD10-LYD-0506.011 REV. X

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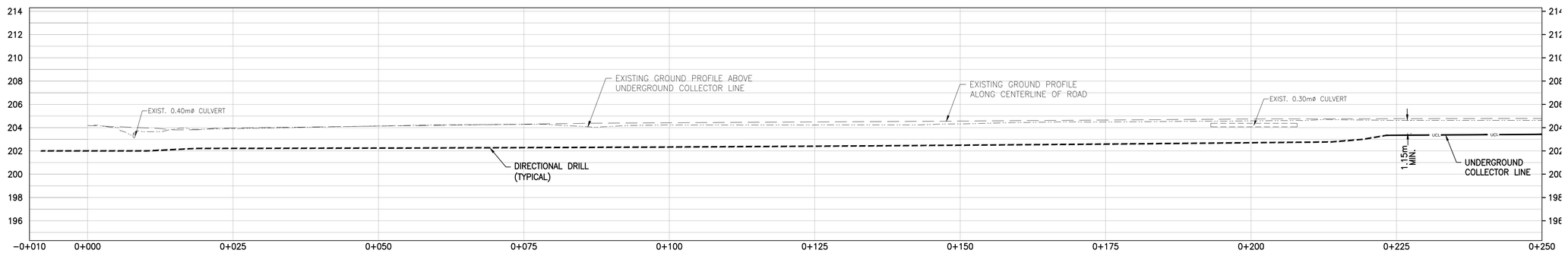
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1



UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
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7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS	GAS LINE
OHV	OVERHEAD HYDRO LINE
SA	SANITARY SEWER
ST	STORM SEWER
W	WATERMAIN
B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

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REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

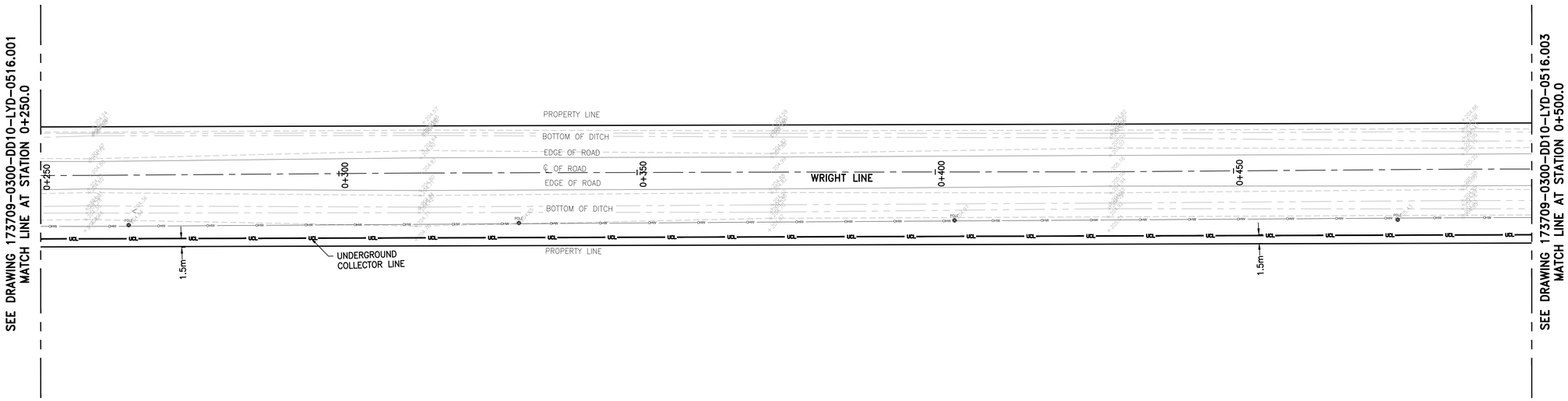
SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
WRIGHT LINE
STATION 0+000.0 TO 0+250.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

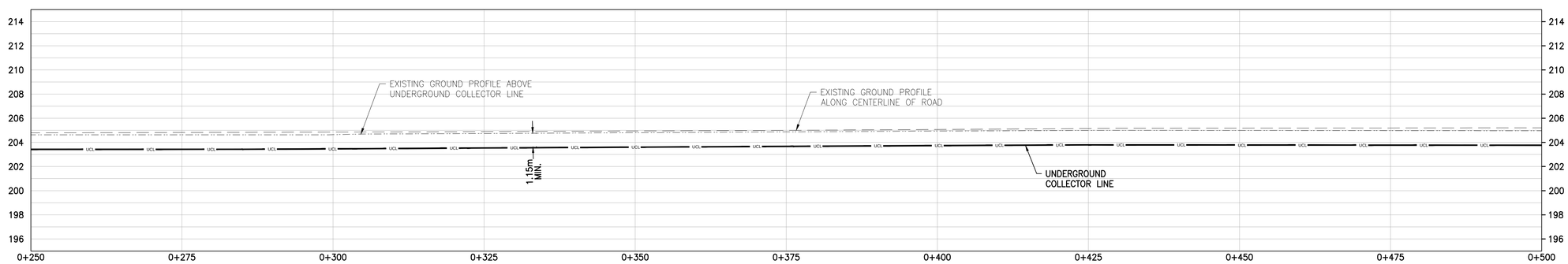
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173709-0300-DD10-LYD-0516.001	B

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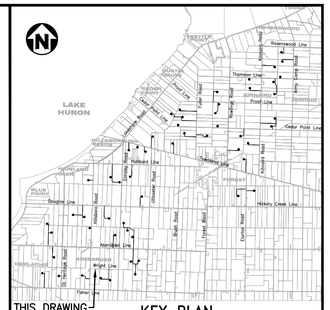
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
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LEGEND

GAS GAS GAS GAS	GAS LINE
OHV OHV	OVERHEAD HYDRO LINE
SA SA	SANITARY SEWER
ST ST	STORM SEWER
W W	WATERMAIN
B B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

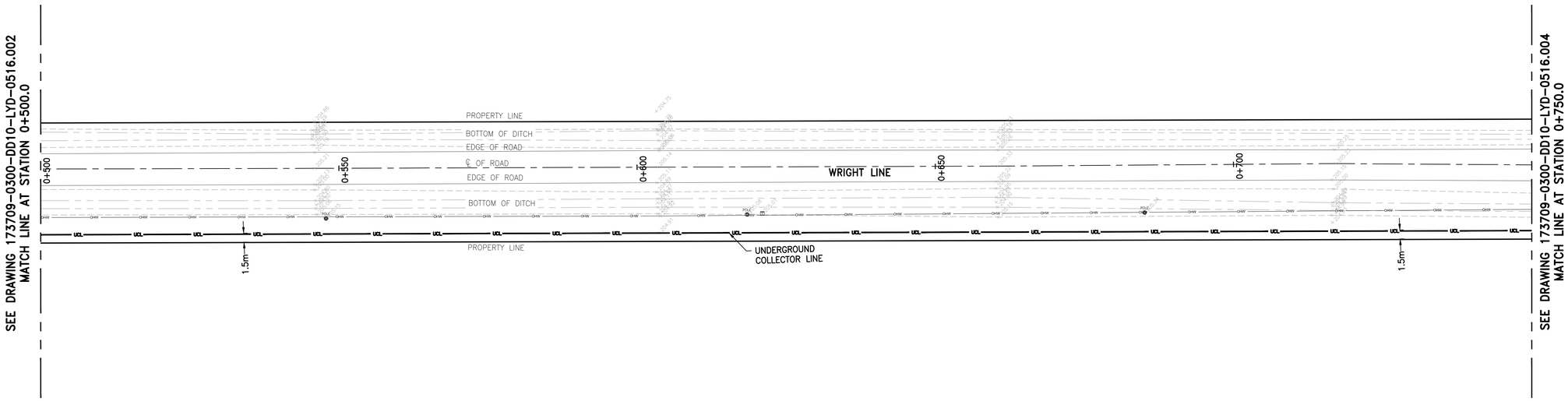
SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
WRIGHT LINE
STATION 0+250.0 TO 0+500.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

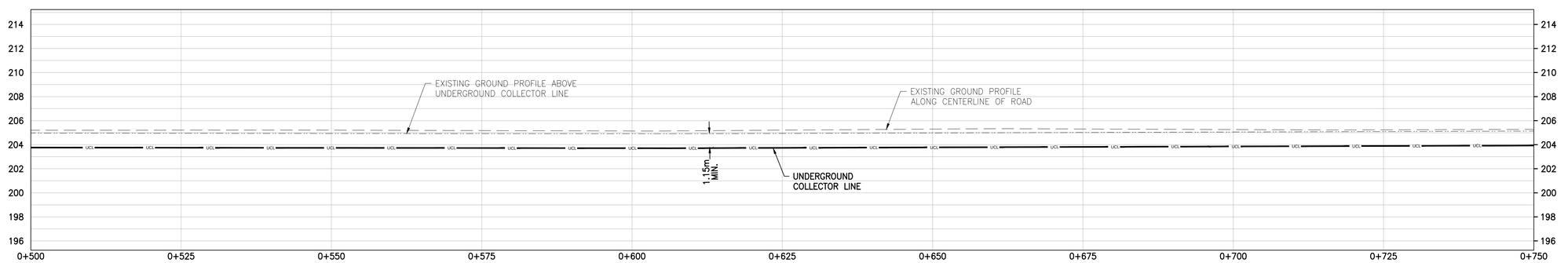
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REV. B

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(OAKVILLE)
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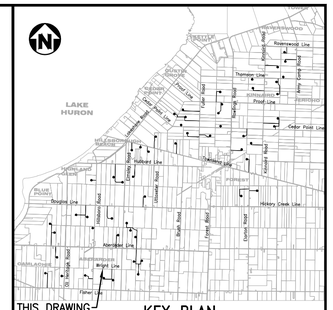
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
WRIGHT LINE
STATION 0+500.0 TO 0+750.0

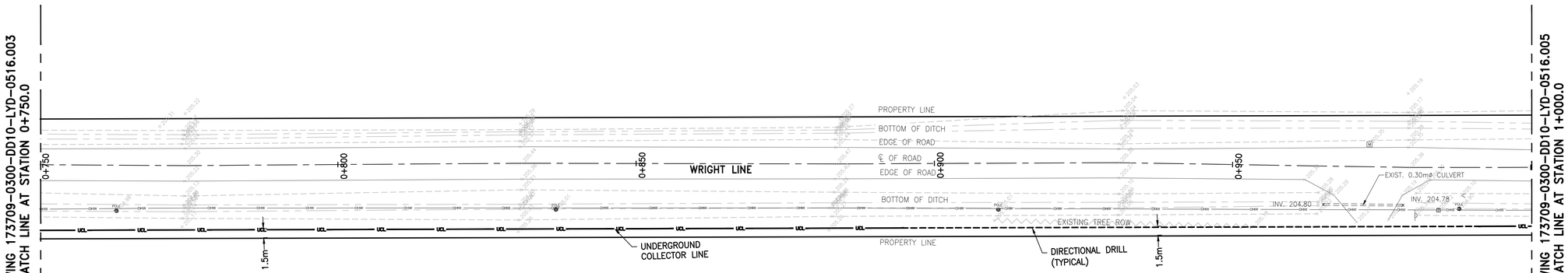
AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

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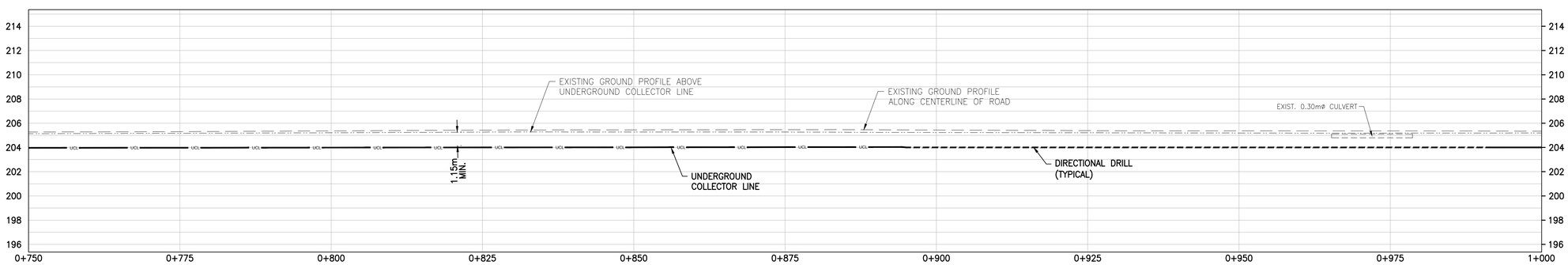
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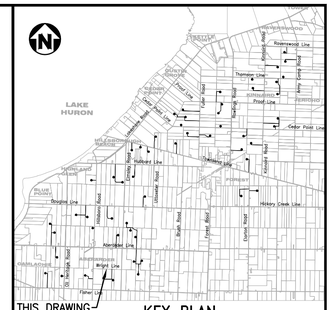
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

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LEGEND

GAS — GAS — GAS — GAS	GAS LINE
OHV — OHV	OVERHEAD HYDRO LINE
SA — SA	SANITARY SEWER
ST — ST	STORM SEWER
W — W	WATERMAIN
B — B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
- - - - - - - -	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
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(V)	WATER METER	GP	GUARD POST
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	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
HH	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

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173709		DES	PP	03FEB2014
SCALE	PACKAGE CODE	DRN	MG	03FEB2014
AS SHOWN		CHK	MH	03FEB2014
		APP	MU	03FEB2014

SUNCOR ENERGY

amec

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
WRIGHT LINE
STATION 0+750.0 TO 1+000.0

AREA 0300
SUNCOR ENERGY
CEDAR POINT II WIND POWER PROJECT

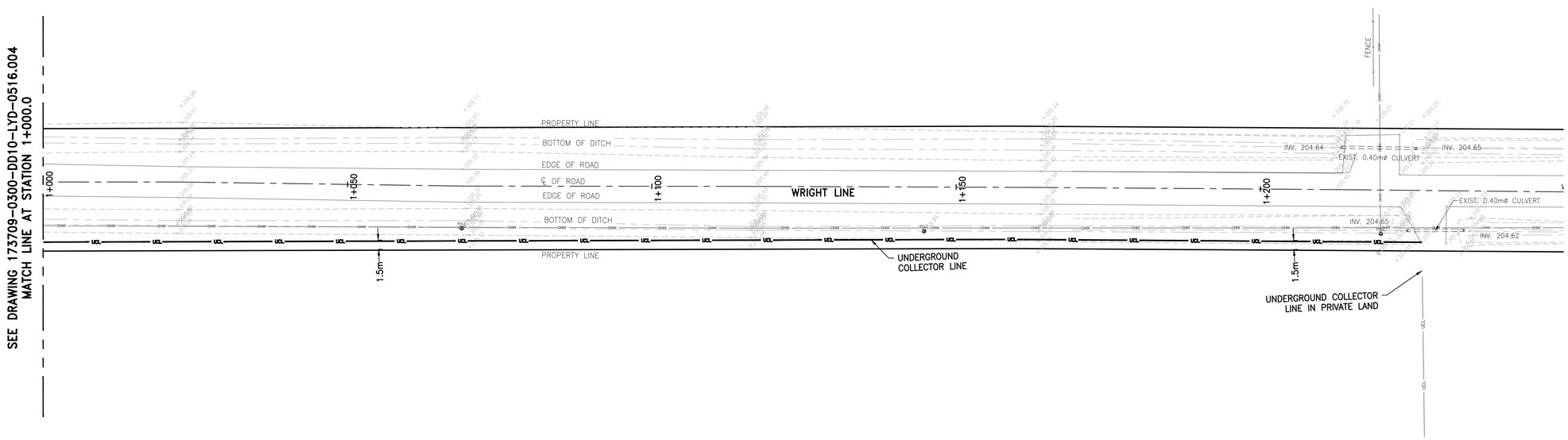
CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0516.004 REV. B

CAD FILE: P:\CAD\CIVIL\173709-0300-DD10-LYD-0516.001 TO 005-ALT.DWG

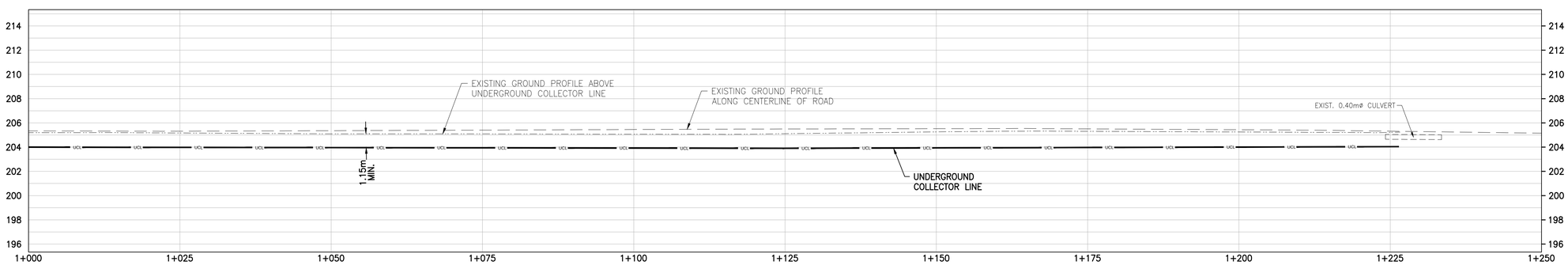
SAVED: 29-Sep-14 4:00 PM PLOTTED: 01-Oct-14 6:53 PM (OAKVILLE) USER: GUO, MIKE

1



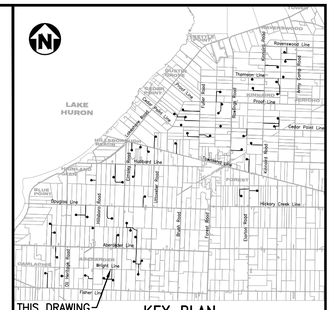
UNDERGROUND COLLECTOR LINE – PLAN

SCALE : 1:400



UNDERGROUND COLLECTOR LINE – PROFILE

SCALE : 1:400 (HORIZONTAL), 1:200 (VERTICAL)



KEY PLAN

NOTES

1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON UTM NAD 83, ZONE 17.
2. ALL COORDINATES, DIMENSIONS, AND ELEVATIONS ARE IN METRES, UNLESS NOTED OTHERWISE.
3. FOR COVER PAGE AND LIST OF DRAWINGS, SEE DRAWING 173709-0300-DD10-LYD-0500.001.
4. FOR GENERAL NOTES AND DETAILS, SEE DRAWING 173709-0300-DD10-DTL-0207.001.
5. FOR UNDERGROUND COLLECTOR LINE LAYOUT AND TRENCH DETAILS, SEE DRAWINGS 173709-0300-DF00-LYD-0001.001 AND 173709-0300-DF00-DTL-0001.001.
6. THE POSITION OF POLE LINES, CONDUITS, WATERMAIN, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
7. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGES TO THEM.

LEGEND

GAS GAS GAS GAS	GAS LINE
OHV OHV	OVERHEAD HYDRO LINE
SA SA	SANITARY SEWER
ST ST	STORM SEWER
W W	WATERMAIN
B B	BELL LINE
UCL	UNDERGROUND COLLECTOR LINE IN PRIVATE PROPERTY
UCL	UNDERGROUND COLLECTOR LINE IN MUNICIPAL ROW
	DIRECTIONAL DRILL PATH

(CB)	CATCH BASIN	WSO	WATER SHUT OFF
(CO)	CLEAN OUT	GM	GAS METER
(WSO)	WATER SHUTOFF	GV	GAS VALVE
(F/C)	FACE OF CURB	HM	HYDRO METER
(T/C)	TOP OF CURB		TELEPHONE PEDESTAL
(M)	MAILBOX		SIGN
(MH)	MANHOLE		TESTHOLE
(EH)	ELECTRICAL HANDHOLE	BM	BENCH MARK
	CATCH BASIN	TH	TELEPHONE MANHOLE
	IRON BAR	TRH	TRAFFIC MANHOLE
(G)	GAS	WH	WATER MANHOLE
(GP)	GUARD POST	POLE	EXISTING POLE
	OVERHEAD ELECTRICAL		GUY WIRE
(V)	WATER METER	GP	GUARD POST
	POLE ANCHOR	INV	INVERT
	FIRE HYDRANT	BOC	BOTTOM OF CURB
CL	CENTER LINE	WM	WATER METER
EG	EDGE OF GRAVEL		
	EXISTING CULVERT		
	HYDRO MANHOLE		
	SEWER MANHOLE		
X 250.00	EXISTING GROUND ELEVATION		

0m 2 4 6 8 10
1:200

0m 4 8 12 16 20
1:400

NOT TO BE USED FOR CONSTRUCTION

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REV	DDMMMYY	REVISION / ISSUE DESCRIPTION	DRN	CHK	APP	APP	APP	APP
B	03OCT2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		
A	03SEP2014	ISSUED FOR INFORMATION	MG	MH	PP	GA		

REF	NUMBER	TITLE
REFERENCES		

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STAMP/SEAL

PRELIMINARY

APPROVED FOR

CLIENT PROJECT MGR. DEPARTMENT MGR. PROJECT MGR.

PROJECT PHASE

PROJECT NO.	ACTIVITY NO.		BY	DDMMMYY
173709		DES	PP	03FEB2014
		DRN	MG	03FEB2014
SCALE	PACKAGE CODE	CHK	MH	03FEB2014
AS SHOWN		APP	MU	03FEB2014

SUBJECT
UNDERGROUND COLLECTOR LINE
LAYOUT PLAN & PROFILE
WRIGHT LINE
STATION 1+000.0 TO 1+250.0

AREA	
0300	SUNCOR ENERGY CEDAR POINT II WIND POWER PROJECT

CLIENT DWG. NO.

DRAWING NO. 173709-0300-DD10-LYD-0516.005 REV. B

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DO NOT SCALE DRAWING

9 8 7 6 5 4 3 2 1

A B C D E F