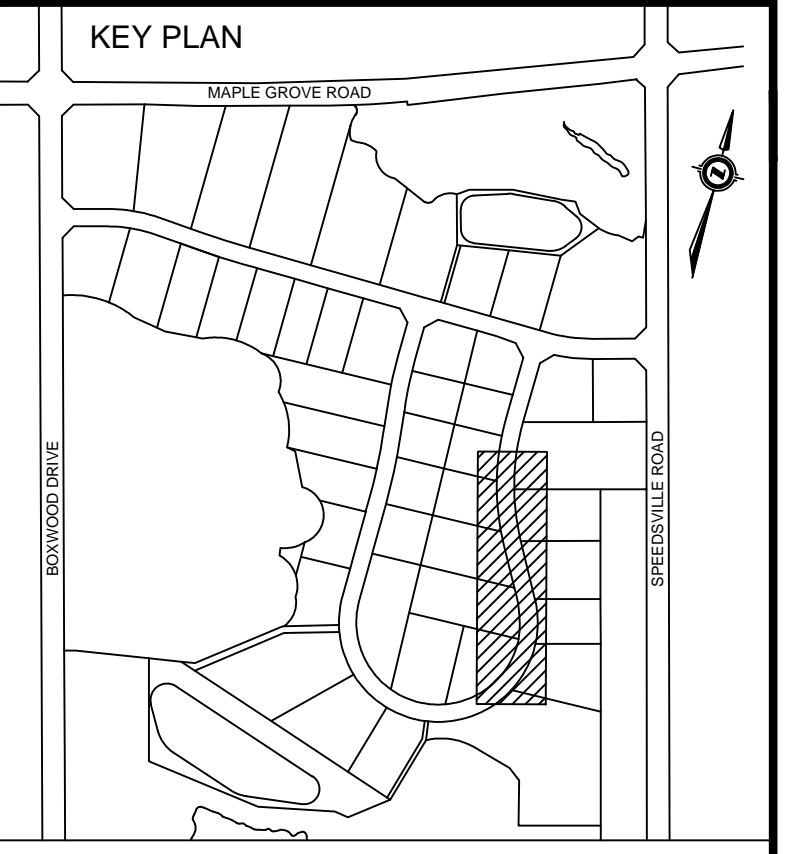
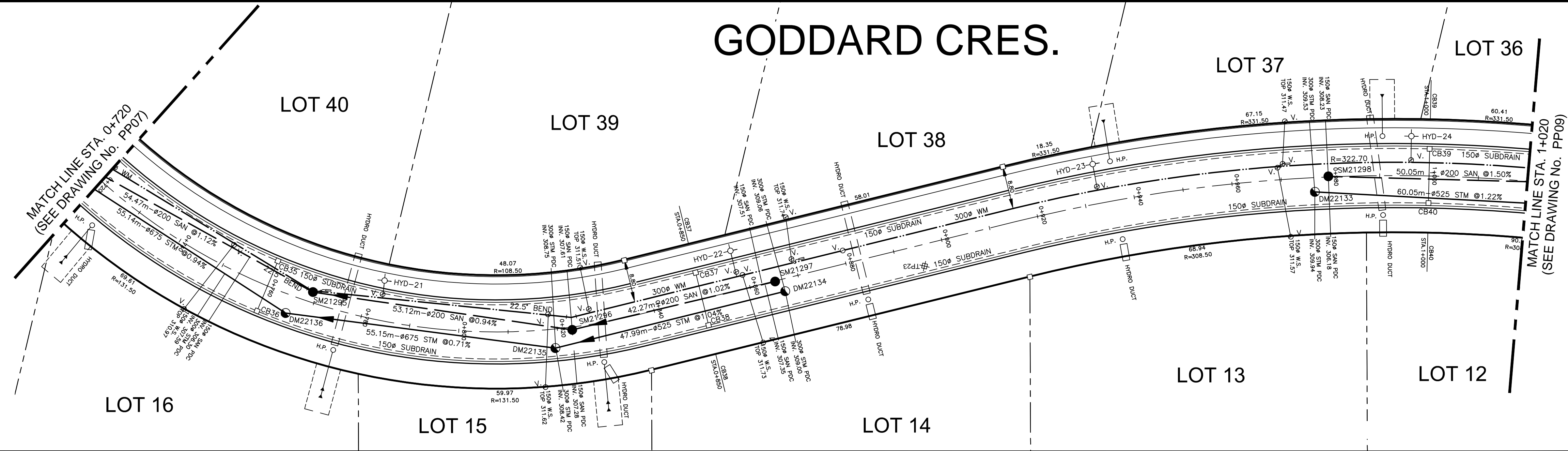


GODDARD CRES.



BENCHMARKS

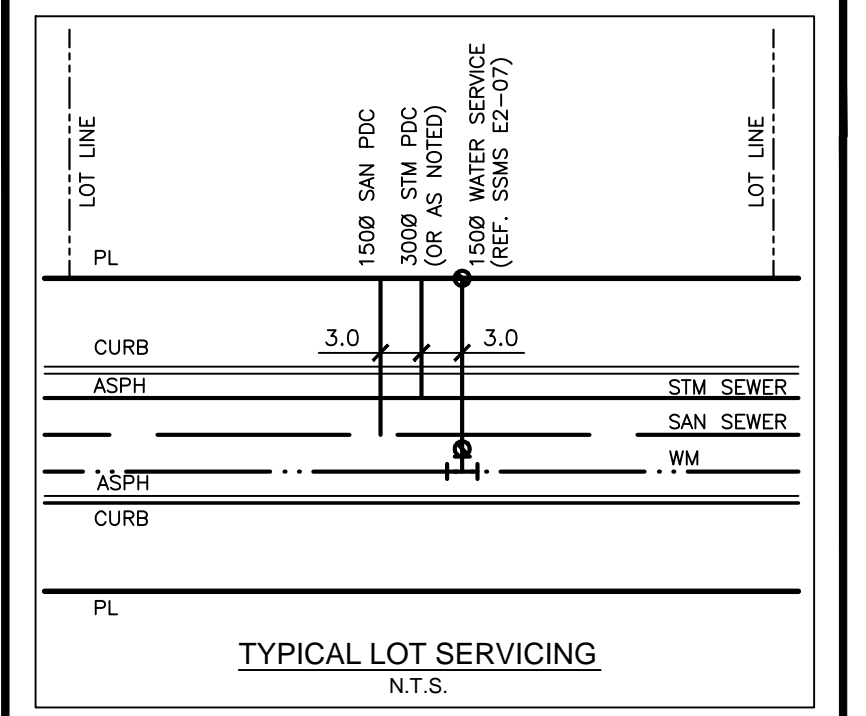
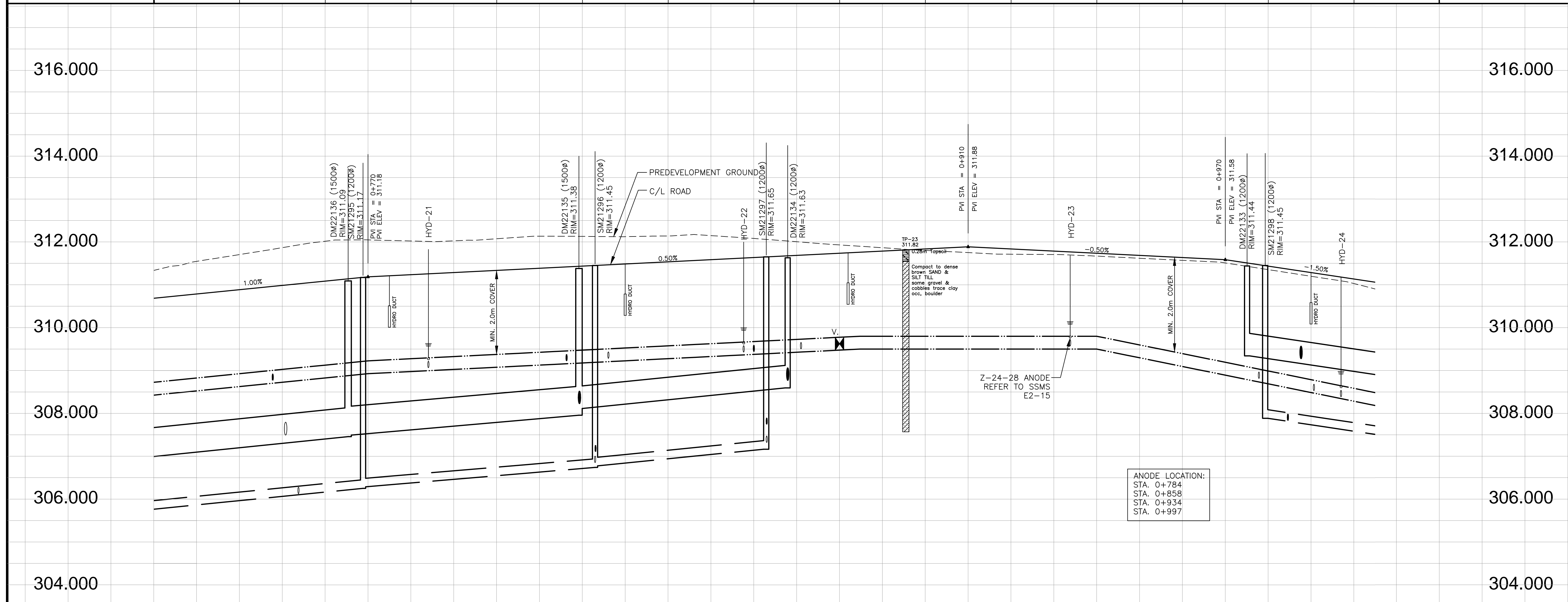
BM317: ELVE. 306.269
TABLET IN FOUNDATION OF WHITE BRICK PORTION OF FORMER MAPLE GROVE SCHOOL ON MAPLE GROVE ROAD AT SPEEDVILLE ROAD. TABLET IS IN SOUTH SIDE OF BUILDING 0.10M WEST OF SOUTH EAST CORNER OF BUILDING AND 0.20 M ABOVE GRADE.

BM319: ELVE. 310.607
TABLET IN SOUTH FACE OF CONCRETE BASE FOR SIGNAL CONTROL BOX AT NORTH EAST CORNER OF MAPLE GROVE ROAD AND FOUNTAIN STREET. TABLET IS 0.10 M EAST OF SOUTH WEST CORNER OF BASE.

BM320: ELVE. 306.619
TABLET IN WEST END OF RETAINING WALL IN ENTRANCE WAY TO WATERLOO REGIONAL POLICE HEADQUARTERS AND REGIONAL OPERATIONS CENTRE. RETAINING WALL IS LOCATED WHERE DRIVEWAY SPLITS TO RESPECTIVE BUILDINGS. TABLET IS LOCATED 0.3 M ABOVE GRADE.

BM332: ELVE. 308.787
ELEVATION IS FOR A BRONZE TABLET SET IN A RED BRICK BUILDING [REGIONAL AMBULANCE BUILDING] @ THE SOUTHEAST CORNER OF CHERRY BLOSSOM DRIVE AND FOUNTAIN STREET.
THE TABLET IS SET IN WEST WALL (ON BRICK) 0.15 M. NORTH OF THE SOUTH END OF BUILDING AND 0.15 M. ABOVE GRADE.

ROAD CENTERLINE ELEVATIONS	310.885	310.885	311.085	311.235	311.335	311.435	311.535	311.635	311.735	311.835	311.835	311.735	311.635	311.535	311.435	311.335	ROAD CENTERLINE ELEVATIONS
PRE DEVELOPMENT GROUND ELEVATIONS	311.33	311.70	312.02	312.02	312.07	312.13	312.14	312.08	311.93	311.80	311.71	311.67	311.57	311.35	311.03	PRE DEVELOPMENT GROUND ELEVATIONS	



DRAWINGS TO BE READ IN CONJUNCTION WITH GEOTECHNICAL INVESTIGATION PREPARED BY CHUNG & VANDER DOELEN ENGINEERING LTD., FILE NO. 07-07-K20 SUB, DATED FEBRUARY 2, 2011.

THE PARCEL INFORMATION SHOWN ON THIS MAP IS COMPILED FROM VARIOUS SOURCES & IS NOT WARRANTED AS TO ITS ACCURACY BY THE MUNICIPALITY. USERS ARE REMINDED THAT LOT SIZES & LEGAL DESCRIPTIONS MUST BE CONFIRMED AT THE LAND REGISTRY OFFICE. THIS IS NOT A LEGAL DOCUMENT.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE CITY'S REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND IS RESPONSIBLE FOR ANY OR ALL DAMAGES WHICH MIGHT OCCUR BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NO.	REVISION	BY	DATE
	AS CONSTRUCTED	R.P.	02/19/14

TRUE

STAMP

SURVEY DATA:
 SURVEY BY: R.N.
 DATE: DECEMBER 2010
 FIELD BOOK:
 REQUISITION NO:
 CHECKED BY:
 DATE:

DRAWING INFORMATION:
 DRAWN BY: R.P./J.U.
 DATE: JANUARY 2012
 DESIGN BY: R.A.
 DATE: JANUARY 2012
 CHECKED BY: K.H.
 DATE: JANUARY 2012



Delcan 675 QUEEN STREET S. SUITE 201 KITCHENER, ONTARIO, CANADA N2M 1A1 TEL: (519) 744-4509 FAX: (519) 744-2822 WWW.DELCAN.COM

BOXWOOD SUBDIVISION
 GODDARD CRES.
 STA.0+720 TO STA.1+020

SCALE: HORIZONTAL: 1:500 VERTICAL: 1:50
 DRAWING NO: **PP-08**

TOP OF WATERMAIN	190.0m OF 300mm DR-18 PVC WATERMAIN @ 1.00% GRADE	309.23	140.0m OF 300mm DR-18 PVC WATERMAIN @ 0.41% GRADE	309.80	55.23m OF 300mm DR-18 PVC WATERMAIN @ 0.00% GRADE	309.80	90.0m OF 300mm DR-18 PVC WATERMAIN @ 2.03% GRADE	TOP OF WATERMAIN									
STORM INVERTS	55.14m OF 675mm DR-18 CONC. STM SEWER @ 0.94% GRADE	307.306775 307.326675	55.15m OF 675mm DR-18 CONC. STM SEWER @ 0.71% GRADE	308.114525	47.99m OF 525mm DR-18 CONC. STM SEWER @ 1.02% GRADE	308.605225	60.05m OF 525mm DR-18 CONC. STM SEWER @ 1.22% GRADE	STORM INVERTS									
SANITARY INVERTS	54.47m OF 200mm SDR-35 PVC SAN SEWER @ 1.12% GRADE	306.254200 306.285200	53.12m OF 200mm SDR-35 PVC SAN SEWER @ 0.94% GRADE	306.765200	42.27m OF 200mm SDR-35 PVC SAN SEWER @ 1.04% GRADE	307.207200	50.05m OF 200mm SDR-35 PVC SAN SEWER @ 1.44% GRADE	SANITARY INVERTS									
CHAINAGE	0+720	0+740	0+760	0+770	0+780	0+800	0+820	0+840	0+860	0+880	0+900	0+920	0+940	0+960	0+980	1+000	CHAINAGE