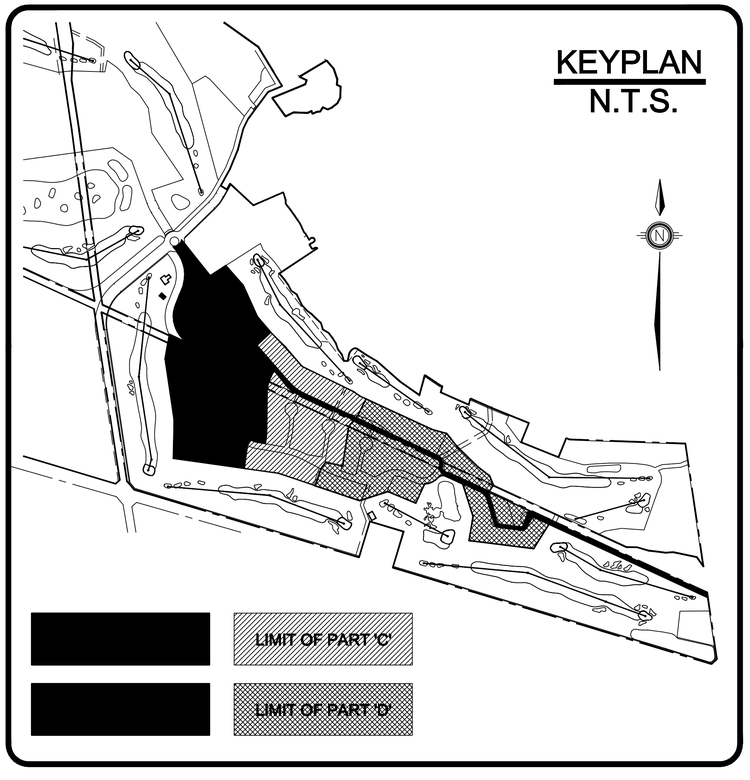
HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS

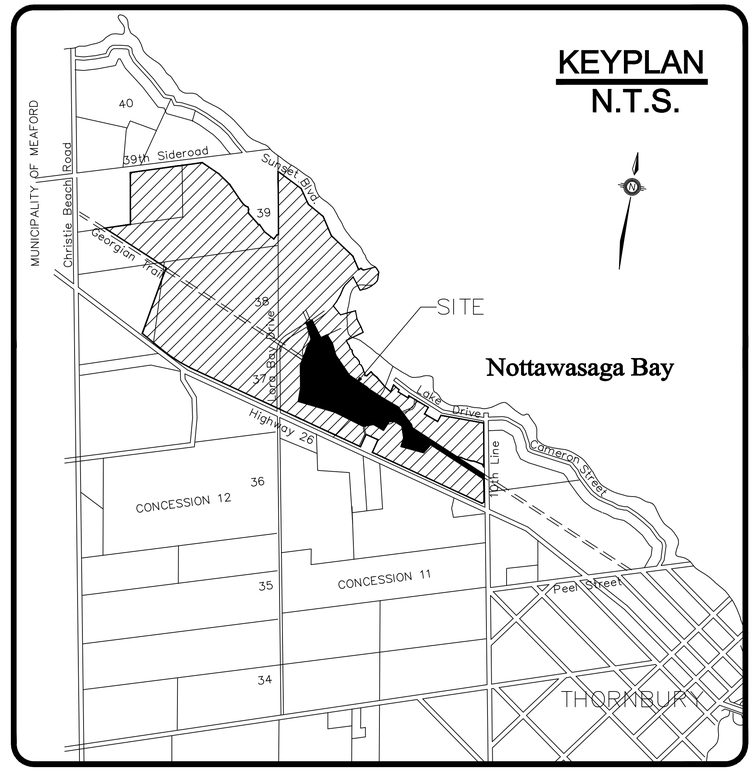
THE LORA BAY CORPORATION

RESIDENTIAL CONDOMINIUM DEVELOPMENT

CONTRACT NO. 304014C - PARTS 'A' - 'D'



PHASING PLAN



LOCATION PLAN

"AS CONSTRUCTED" DRAWINGS

"AS CONSTRUCTED"

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL
04/08/20	TENDER ISSUE

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519)599-3793 SINCE 1972

Title: PHASE 1 RESIDENTIAL TITLE SHEET

Client: THE LORA BAY CORPORATION

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. 304014-01

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EXISTING DETAIL

- 427.5 — INDEX TOPOGRAPHIC CONTOUR LINE
- EXISTING INTERVAL TOPOGRAPHIC CONTOUR LINE
- FENCE
- GUIDE RAIL
- SA — SANITARY SEWER
- G — GAS MAIN
- W — WATERMAIN
- ST — STORM SEWER
- B — UNDERGROUND BELL CABLE
- UH — UNDERGROUND HYDRO CABLE
- CTV — CABLE TV
- OIL — OIL PIPE LINE
- FH — FIRE HYDRANT
- HYDRO OR BELL POLE (with GUY WIRE)
- WATER VALVE
- BFV — BUTTERFLY VALVE
- GAS VALVE
- CURB STOP
- PARKING METER
- PUC — ELECTRICAL BOX (GEORGIAN BAY ELECTRIC)
- BP — BELL CABLE PEDESTAL
- LS — LIGHT STANDARD
- LSS — LIGHT STANDARD with SIGN
- HPLS — HYDRO POLE with LIGHT STANDARD
- LS/TL — LIGHT STANDARD WITH TRAFFIC LIGHT
- W — WELL
- OW — OBSERVATION WELL
- TP — TEST PIT
- WATER LEVEL
- S–T — SEPTIC TANK
- HT — HYDRO TOWER
- MB — MAIL BOX
- G — GATE
- S — SIGN
- TREE
- Stp — STUMP
- WM — WATER METER
- GM — GAS METER
- TL — TRAFFIC SIGNAL
- TB — TRAFFIC SIGNAL BOX
- OSF — OVERHEAD SIGN with FOOTING
- OS — OVERHEAD SIGN
- POST
- MH — ST — STORM MANHOLE
- CBMH — ST — STORM CATCH BASIN MANHOLE
- CB — ST — CATCHBASIN
- DI — ST — DITCH INLET
- MH — SA — SANITARY MANHOLE
- B — BELL MANHOLE
- VC — VALVE CHAMBER
- CURB OR CURB & GUTTER
- DITCH, WATERCOURSE, CREEK ETC. (WIDTH OVER 1.5m)
- DITCH, WATERCOURSE, CREEK ETC. (WIDTH 1.5m OR LESS)
- CULVERT
- CULVERT with HEADWALL
- SW — CONCRETE SIDEWALK
- SWA — CONC. SIDEWALK (ASPHALT COVERED)

EXISTING DETAIL

- H or B — OVERHEAD HYDRO OR BELL
- HEDGE, BUSH, ETC.
- TREELINE
- 1.2m Ret. W. — RETAINING WALL with HEIGHT
- STONE WALL
- WINDOW WELL GRATE
- VERTICAL EARTH
- VERTICAL ROCK
- EDGE OF SWAMP OR MARSH
- CUT & FILL (EARTH OR ROCK)

REFERENCE POINTS

- CC — CUT CROSS
- Na — NAIL
- RIB — ROUND IRON BAR
- CM — CONCRETE MONUMENT
- SIB — SQUARE IRON BAR
- IB — IRON BAR
- WS — WOOD STAKE
- IP — IRON PIPE
- GBM — GEODETIC BENCH MARK
- HCP — HORIZONTAL CONTROL POINT
- MON — MTO MONUMENT

MATERIALS

- GRANULAR 'B', GRANULAR 'C' OR BORROW MATERIAL
- GRANULAR 'A'
- CONCRETE

REMOVALS

- AREA TO BE CLEARED
- AREA TO BE GRUBBED
- AREA TO BE CLEARED AND GRUBBED
- FENCE
- GUIDE RAIL
- SA — UTILITY (TYP)
- W — WATERMAIN
- ST — STORM MANHOLE, CATCHBASIN OR DITCH INLET (TYP)
- FH — FIRE HYDRANT (TYP)
- CULVERT
- SW — SIDEWALK
- BITUMINOUS
- CONCRETE PAVEMENT
- SA — SANITARY MANHOLE (TYP)
- WV — WATER VALVE
- CS — CURB STOP
- PARKING METER
- WINDOW WELL GRATE

ADJUSTMENTS

- WV — WATER VALVE
- CS — CURB STOP
- STORM MANHOLE
- CATCHBASIN OR DITCH INLET
- SANITARY MANHOLE
- B — BELL MANHOLE
- GV — GAS VALVE
- GBE — ELECTRICAL BOX (GEORGIAN BAY ELECTRIC)

PROPOSED CONSTRUCTION

- CENTRE LINE
- FENCE
- PROPERTY LINE OR EASEMENT
- GUIDE RAIL
- STORM MANHOLE, CATCHBASIN OR DITCH INLET
- DOUBLE STORM MANHOLE, CATCHBASIN OR DITCH INLET
- ST — STORM SEWER
- STORM SEWER LATERALS
- GURB AND GUTTER
- GURB AND GUTTER TRANSITION
- DROPPED CURB
- GUTTER OUTLET 90°
- GUTTER OUTLET 45°
- CULVERT
- CULVERT with HEADWALL
- G — GATE
- Ret. W. — RETAINING WALL
- SIDEWALK
- MH — SA — SANITARY MANHOLE
- SA — SANITARY SEWER LATERALS
- SA — SANITARY SEWER
- SANITARY SEWAGE FORCEMAIN
- W 150 — WATERMAIN
- W 20 — WATER SERVICES
- DITCH AND DIRECTION
- FH — FIRE HYDRANT
- WATERMAIN CAP
- R — WATERMAIN REDUCER
- GV — GAS VALVE
- WV — WATER VALVE
- P — PLUG
- BO — BLOW OFF
- CO — CLEAN OUT
- BFV — BUTTERFLY VALVE
- CS/D — WATER SUPPLY FOR GROUND HYDRANT C/W CURB STOP AND DRAIN

BUILDING DESCRIPTIONS

NUMBER OF UNITS	NUMBER OF STOREYS OF THE BUILDING	MATERIAL USED IN SUPER–STRUCTURE OF BUILDING	NAME OF BUILDING	BASEMENT	REMARKS
A NUMBER FOLLOWED BY A HYPHEN FOR THE NUMBER OF UNITS 2 – 10 – IF DESCRIPTION INVOLVES ONLY ONE BUILDING, THIS GROUP IS OMITTED	A NUMBER DESIGNATING THE NUMBER OF STOREYS OF THE BUILDING 1 / 2 10 IF DESCRIPTION OF BUILDING INVOLVES ONLY ONE STOREY, THIS GROUP IS OMITTED.	LETTER(S) PRECEDING THE NAME OF BUILDING GROUP B (Brick) St (Stucco) S (Stone) F (Frame) C (Concrete) CB (Concrete block) M (Metal) OR COMBINATIONS OF LETTERS AS A GROUP. B & St (Brick & Stucco) B & S (Brick & Stone) ALL DESCRIPTIONS WILL CONTAIN THIS GROUP	LETTER(S) WHICH DESIGNATE THE NAMES OF THE BUILDING H (House) A (Apartment) G (Garage) F (Factory) ST (Store) O (Office) SS (Service Station) S (Shed) Gr (Greenhouse) W (Warehouse) R (Restaurant) B (Barn) C (Cabin) OR COMBINATIONS OF THESE i.e. O&F (Office & Factory) ALL DESCRIPTIONS MUST CONTAIN THIS GROUP.	A LETTER 'B' AFTER NAME OF BUILDING GROUP DENOTES A BASEMENT. B (Basement) IF NO LETTER AP–PEARS AFTER THE NAME, THE BUILDING HAS NO BASEMENT	AS A GENERAL RULE, IF THERE IS AMBIGUITY IN THE DESCRIPTION, THEN THE FULL ABBREVIATED OR LOG FORM DESCRIPTION MUST BE WRITTEN OUT AS IN THE NORMAL FASHION EXAMPLES: SCHOOL HOTEL MOTEL CHURCH ARENA Etc.

ABBREVIATIONS

AC	ASBESTOS CEMENT PIPE
Asph	ASPHALT
BC	BEGINNING OF CURVE
Blvd	BOULEVARD
BM	BENCHMARK
BS	BACK SIGHT
BVC	BEGINNING OF VERTICAL CURVE
CB	CATCHBASIN
CBMH	CATCHBASIN AND MANHOLE
C&G	CURB & CUTTER
CL P	CLAY PIPE
℄	CENTRE LINE
CNR	CANADIAN NATIONAL RAILWAY
Conc	CONCRETE
Con	CONCESSION
Const	CONSTRUCTION
Cont	CONTRACT
CP	CONCRETE PIPE
CPR	CANADIAN PACIFIC RAILWAY
Cr	CREEK
CSP	CORRUGATED STEEL PIPE
CSPA	CORRUGATED STEEL PIPE ARCH
Culv	CULVERT
D	DEGREE OF CURVE
Dev Rd	DEVELOPMENT ROAD
DI	DITCH INLET
Dia	DIAMETER
Dist	DISTRICT
Dwg	DRAWING
E	EAST
E	EXTERNAL (CURVE DATA)
Ea	EACH
EC	END OF CURVE
Elev	ELEVATION
Ent	ENTRANCE
EP	EDGE OF PAVEMENT
EVC	END OF VERTICAL CURVE
Excav	EXCAVATION
Fdn	FOUNDATION
Ga	GAUGE
GBM	GEODETIC BENCHMARK
GM	GAS METER
GBC	GRANULAR BASE COURSE
HG	HYDRO GUY POLE
Hor	HORIZONTAL
HWL	HIGH WATER LEVEL
Hwy	HIGHWAY
HEPC	HYDRO ELECTRIC POWER COMMISSION
ID	INSIDE DIAMETER
Inv El	INVERT ELEVATION
L	LENGTH
Lc	LENGTH OF CURVE
Lt	LEFT
LVC	LENGTH OF VERTICAL CURVE
LWL	LOW WATER LEVEL
Max	MAXIMUM
MH	MANHOLE
Min	MINIMUM
MTOM	MINISTRY OF TRANSPORTATION ONTARIO MONUMENT
M	METER
mm	MILLIMETER
N	NORTH
No	NUMBER
N&F	NAIL & FLAGGING
N&W	NAIL & WASHER
OD	OUTSIDE DIAMETER
OG	ORIGINAL GROUND
PA	PIPE ARCH
Pavt	PAVEMENT
PI	POINT OF INTERSECTION
℞	PROPERTY LINE
R	RADIUS
Rd	ROAD
Reinf	REINFORCED
Ret W	RETAINING WALL
Rev	REVISION
ROW	RIGHT OF WAY
Rt	RIGHT
Rwy	RAILWAY
S	SOUTH
Shld	SHOULDER
SR	SIDEROAD
Sta	STATION
Std	STANDARD
Stp	STUMP
Tan	TANGENT LENGTH
TC	TOP OF COVER
TG	TOP OF GRATE
TO	TOP OF OPENING
VC	VERTICAL CURVE
Vert	VERTICAL
W	WEST
WL	WATER LEVEL
WM	WATER METER

"AS CONSTRUCTED"

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL
04/08/20	TENDER ISSUE

REVISION / ISSUE

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HENDERSON, PADDON
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CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519)599–3793 SINCE 1972

Title:

PHASE 1 RESIDENTIAL
INDEX & LEGEND

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-02**

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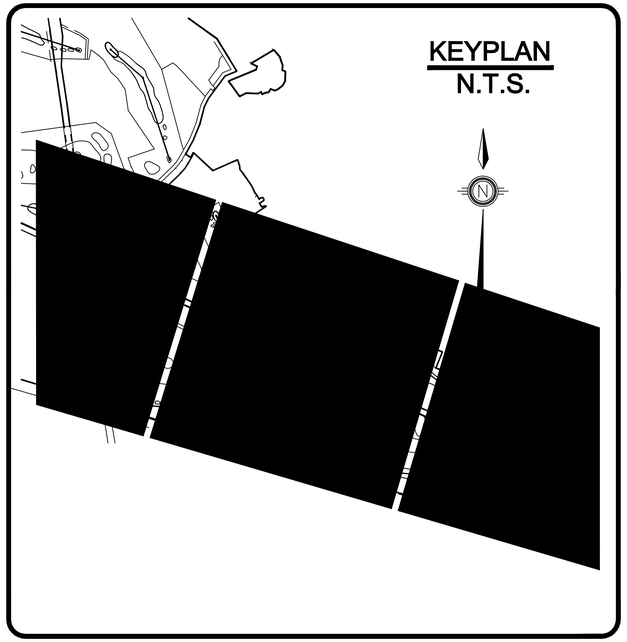
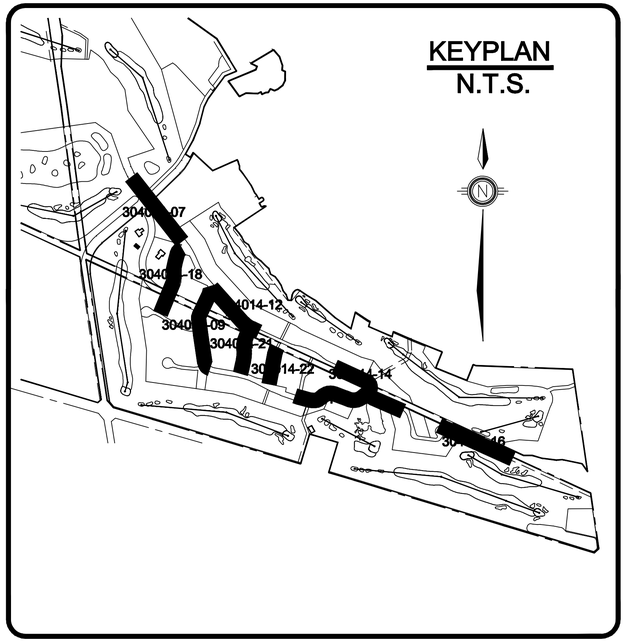
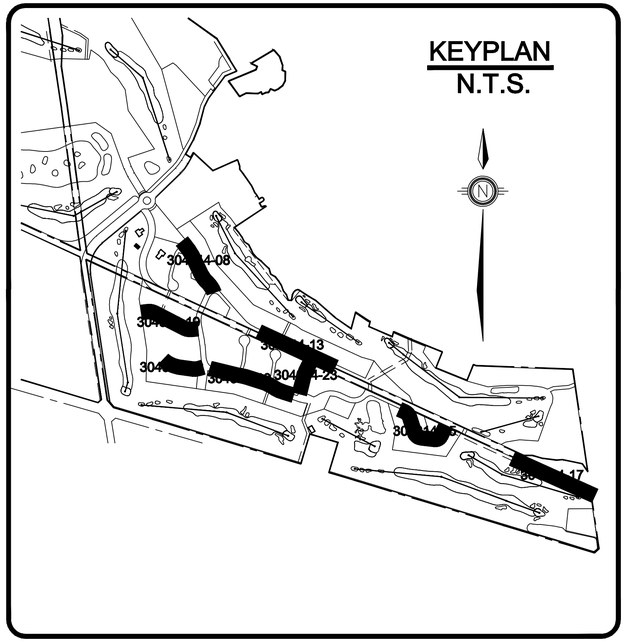


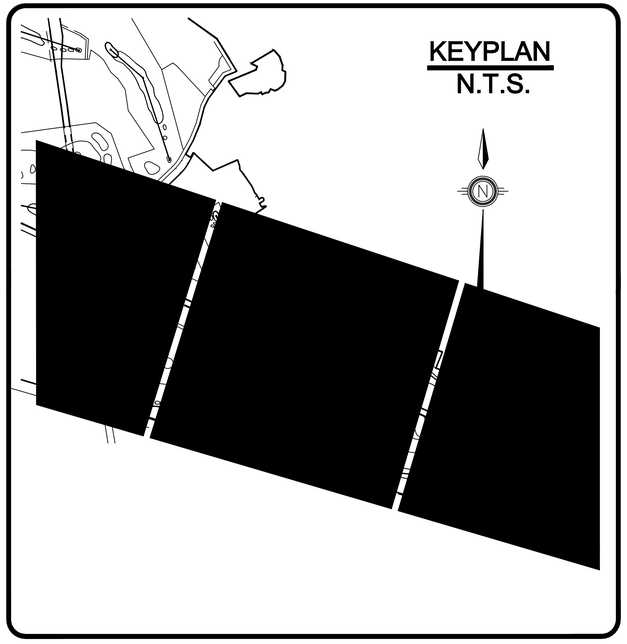
LAYOUT PLANS



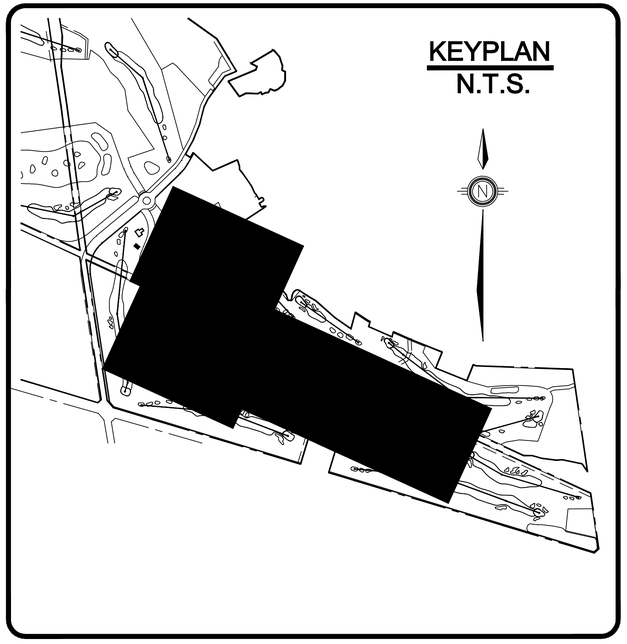
PLAN & PROFILES



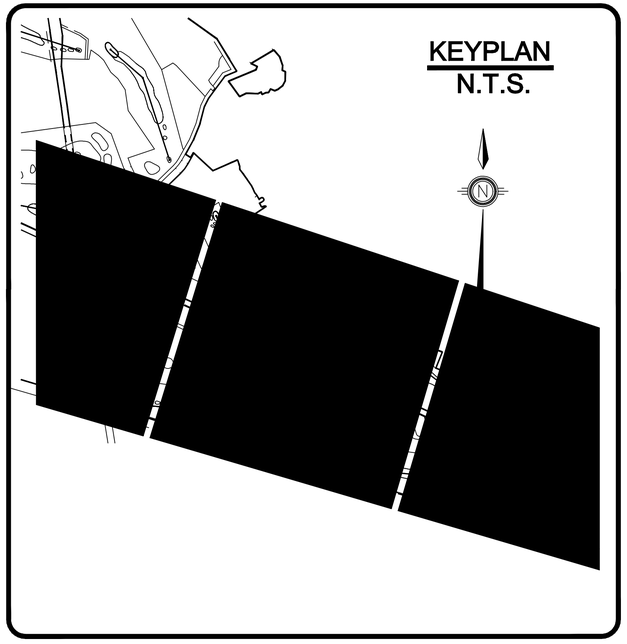
PLAN & PROFILES



HORIZONTAL ALIGNMENT



LOT GRADING



UTILITY PLANS

"AS CONSTRUCTED"

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OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519)599-3793 SINCE 1972

Title:
PHASE 1 RESIDENTIAL
DRAWING ORIENTATION

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-03**

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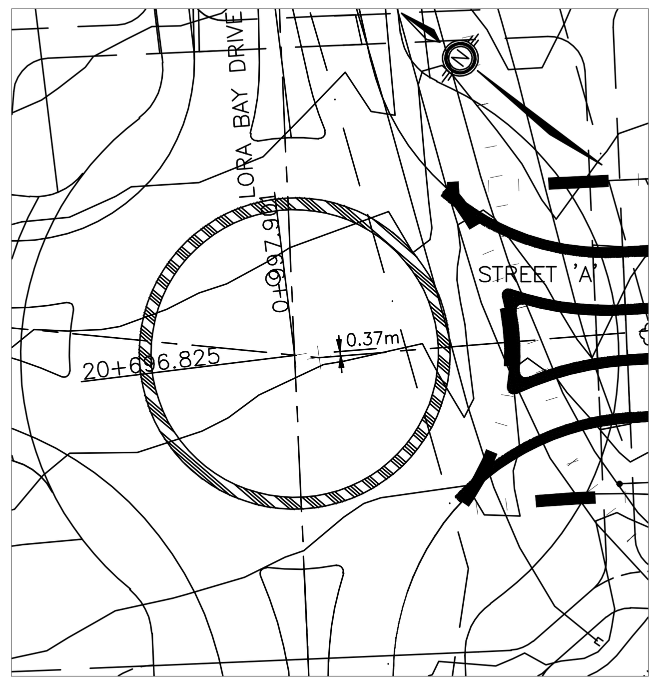
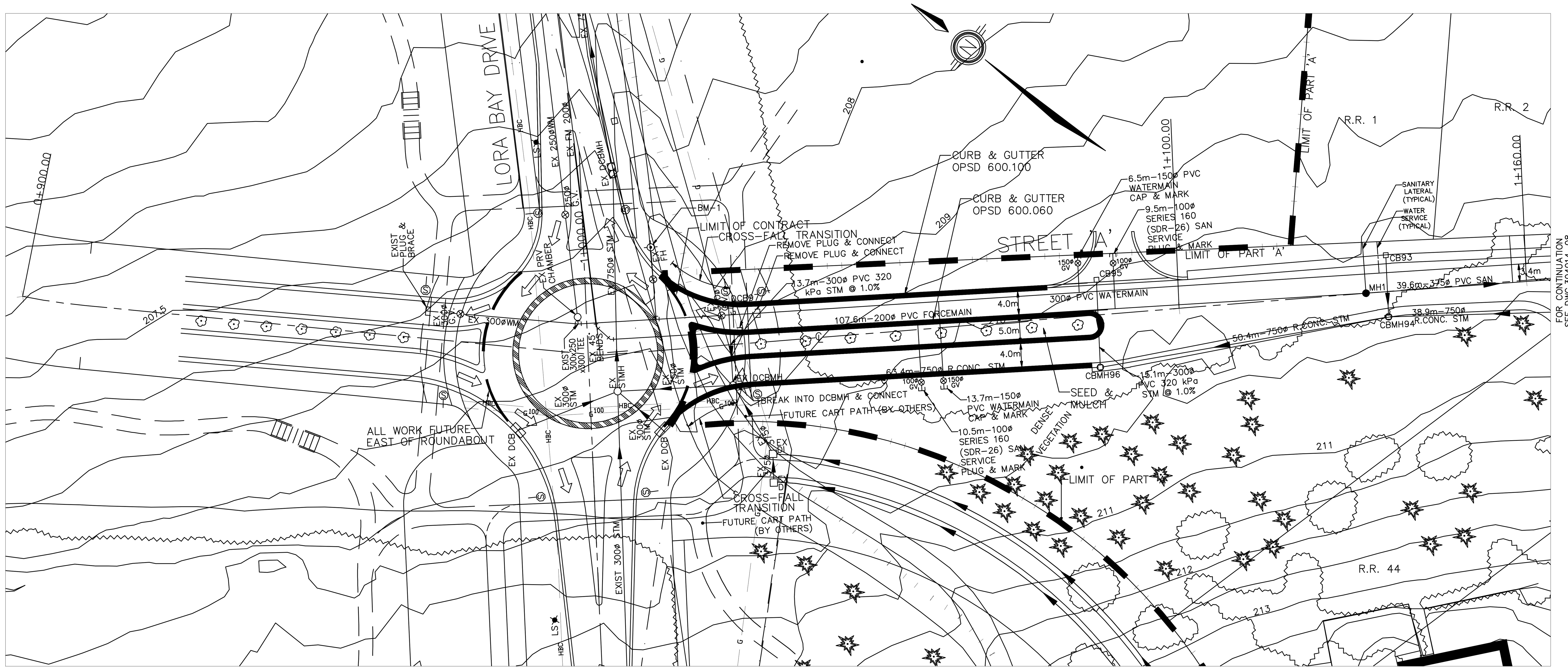
STREET "A" ALIGNMENT STATION 1+000 TO STATION 1+130		
℄ STATION	℄ SW LANE OFF-SET RT.	℄ NE LANE OFF-SET LT.
1+020.00	5.20m	5.20m
1+030.00	4.80m	4.20m
1+040.00	5.05m	3.95m
1+050.00	5.30m	3.70m
1+060.00	5.55m	3.45m
1+070.00	5.80m	3.20m
1+080.00	6.05m	2.95m
1+090.00	6.00m	2.76m
1+100.00	5.00m	2.73m
1+110.00	4.00m	2.70m
1+120.00	3.00m	2.67m
1+130.00	2.00m	2.65m



ALIGNMENT TIE
1:500

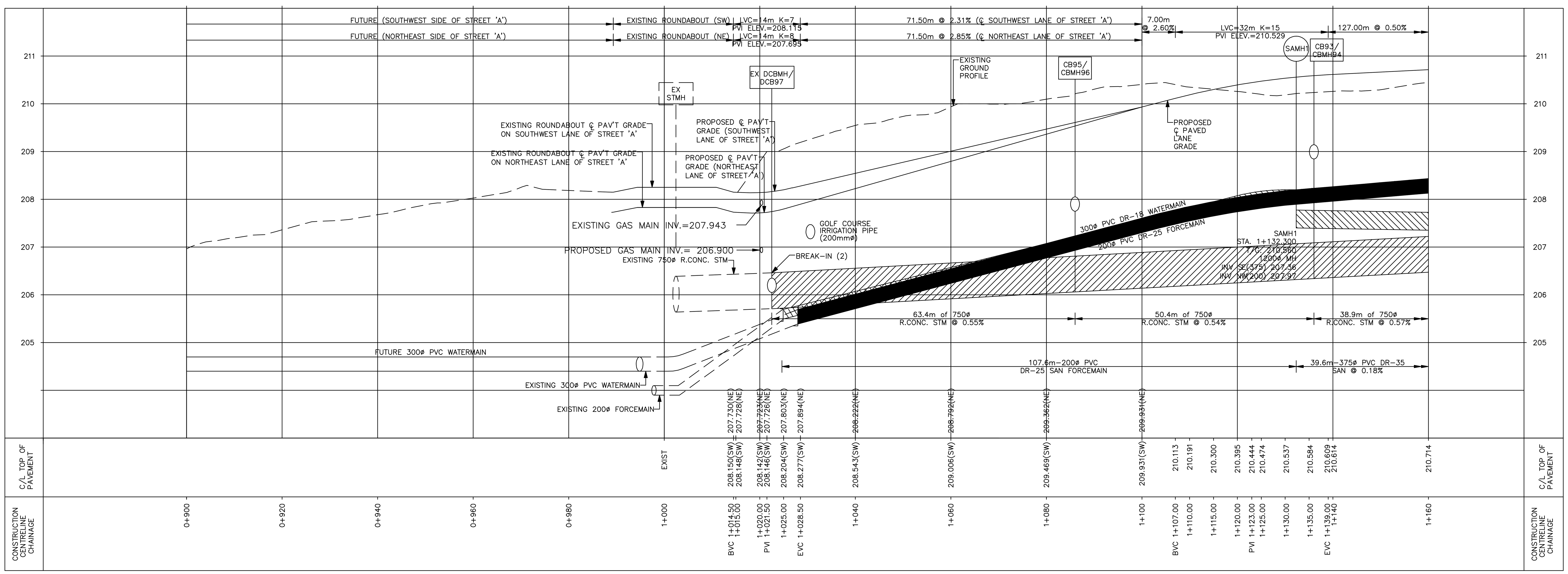


BM-1
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE NORTHEAST SIDE OF THE ROUNDABOUT ON LORA BAY DRIVE, ELEV.=201.169

PLAN

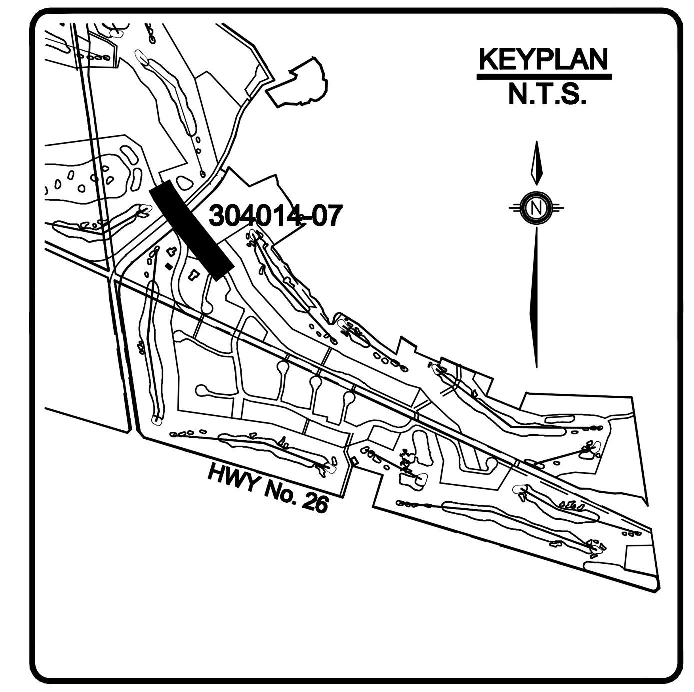
SCALE 1:500

"AS CONSTRUCTED"



PROFILE

SCALE H=1:500, V=1:50



STORMWATER MANAGEMENT SYSTEM STRUCTURES

EX DCBMH
STA 1+021.50; O/S 6.96m RT.
T/G = (±)208.11
1500ø, OPSD-701.011(FLATCAP); F&G, OPSD-400.020 (2)
INV NW = 205.71
INV SE = 205.71
INV NE = 206.01

DCB97
STA 1+021.50; O/S 6.76m LT.
T/G = 207.69
600x1450, OPSD-705.020; F&G, OPSD-400.020 (2)
INV SW = 206.24

CB95
STA 1+086.00; O/S 6.06m LT.
T/G = 209.41
600x600, OPSD-705.010, F&G, OPSD-400.020
INV SW = 207.95

CBMH96
STA 1+086.00; O/S 9.04m RT.
T/G = 209.49
1500mmø, OPSD-701.011, F&G, OPSD-400.030
INV NW = 206.06
INV NE = 207.76
INV SE = 206.07

CB93
STA 1+136.00; O/S 6.25m LT.
T/G = 210.480
600x600, OPSD-705.010, F&G, OPSD-400.030
INV SW = 208.94

CBMH94
STA 1+136.00; O/S 4.35m RT.
T/G = 210.480
1500mmø, OPSD-701.011, F&G, OPSD-400.030
INV NW = 206.35
INV NE = 208.81
INV SE = 206.34

NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
-WATERMAIN OVER SEWER: 0.3m
-WATERMAIN UNDER SEWER: 0.5m

-ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
-ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
-MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR. ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

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Title:
STREET 'A'
PLAN AND PROFILE
STATION 0+900.00 TO STATION 1+160.00

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer
DRAWING No.			**304014-07**

FOR ALIGNMENT, SEE DWG.304014-24
FOR LOT GRADING, SEE DWG.304014-27
FOR UTILITIES, SEE DWG.304014-31

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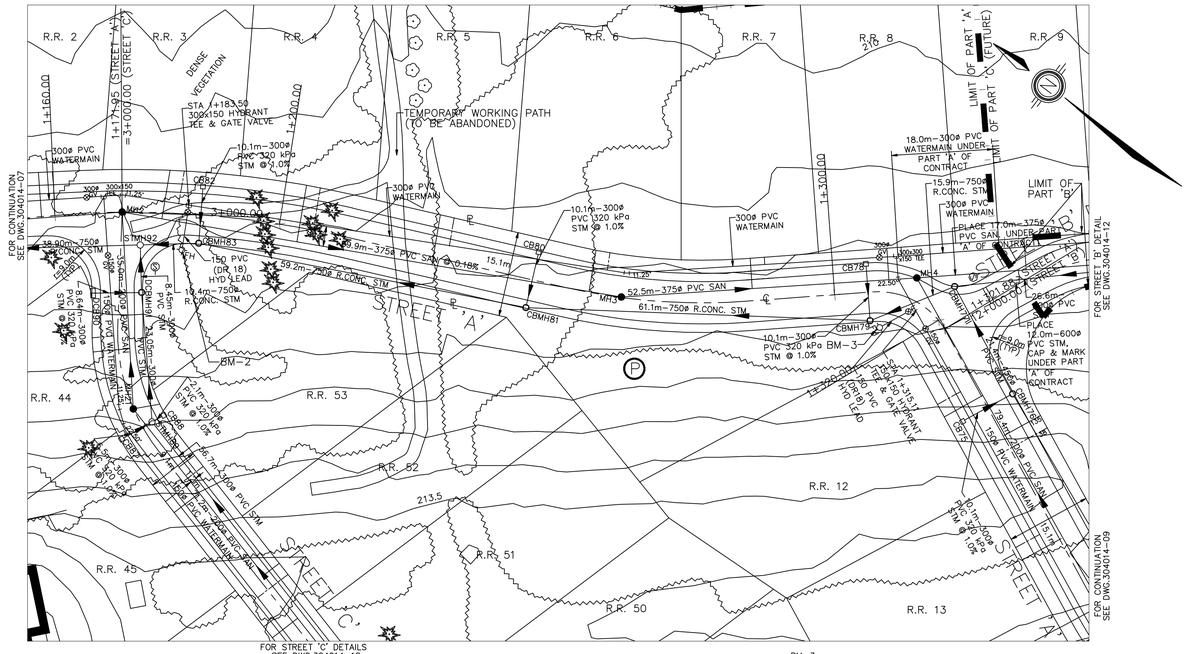
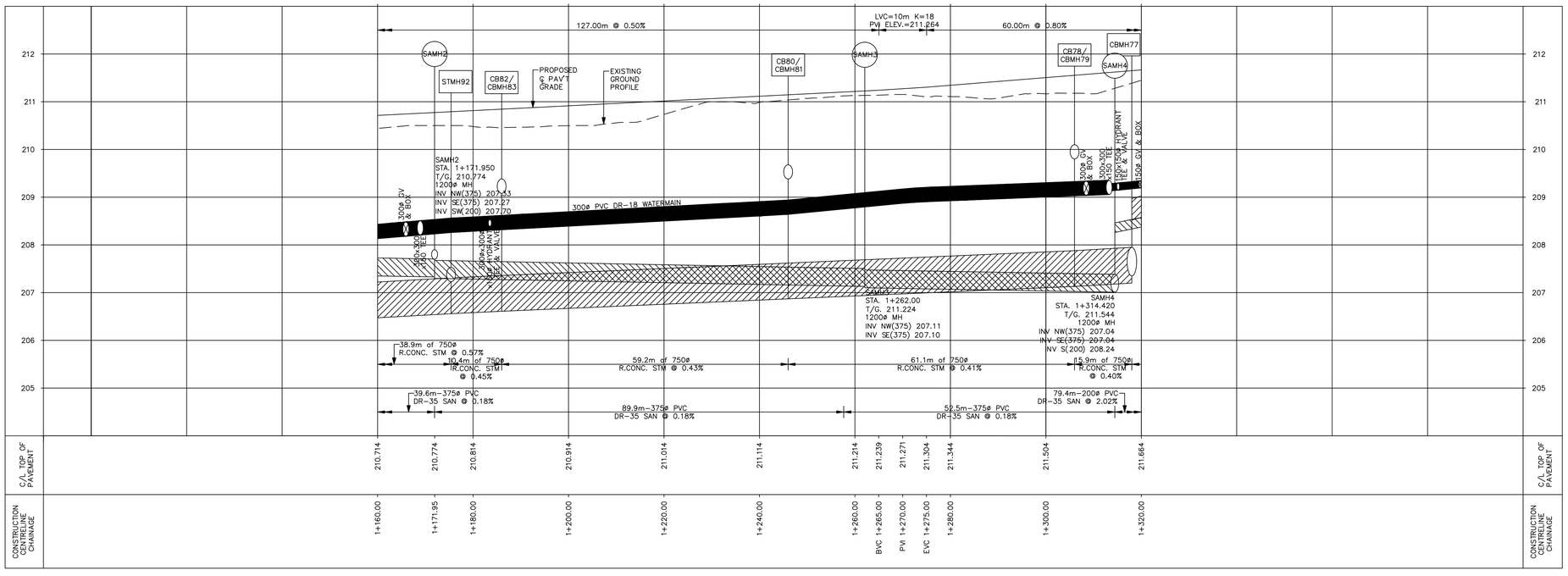


BM–2
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE INTERSECTION OF EAST RIDGE ROAD AND HOGGARD COURT, LOCATED ACROSS FROM LOT 3. ELEV.=211.281

BM–3
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE INTERSECTION OF RANKINS CRESCENT AND EAST RIDGE ROAD.. ELEV.=212.000

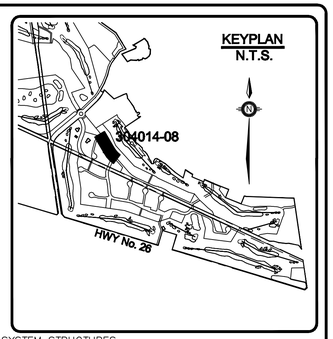
PLAN
SCALE 1:500

"AS CONSTRUCTED"



PROFILE
SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-24&25
FOR LOT GRADING, SEE DWG.304014-27
FOR UTILITIES, SEE DWG.304014-31&32



STORMWATER MANAGEMENT SYSTEM STRUCTURES

STMH 92
STA 1+175.40; O/S 5.81m RT.
T/G = 210.658
1500ø, OPSD–701.011; F&G, OPSD–401.010, TYPE 'B'
INV NW = 206.56
INV SE = 206.55
INV SW = 207.27

CB82
STA 1+186.00; O/S 5.07m LT.
T/G = 210.69
600x600, OPSD–705.010, F&G, OPSD–400.030
INV SW = 209.24

CBMH83
STA 1+186.00; O/S 5.07m RT.
T/G = 210.69
1500mmø, OPSD–701.011, F&G, OPSD–400.030
INV NW = 206.59
INV NE = 209.08
INV SE = 206.60

CB80
STA 1+246.00; O/S 5.07m LT.
T/G = 210.990
600x600, OPSD–705.010, F&G, OPSD–400.030
INV SW = 209.56

CBMH81
STA 1+246.00; O/S 5.07m RT.
T/G = 210.990
1500mmø, OPSD–701.011, F&G, OPSD–400.030
INV NW = 206.86
INV NE = 209.39
INV SE = 206.86

CB78
STA 1+306.00; O/S 5.07m LT.
T/G = 211.408
600x600, OPSD–705.010, F&G, OPSD–400.030
INV SW = 209.90

CBMH79
STA 1+306.00; O/S 5.07m RT.
T/G = 211.408
1500mmø, OPSD–701.011, F&G, OPSD–400.030
INV NW = 207.11
INV NE = 209.75
INV E = 207.12

CBMH77
STA 1+318.00; O/S 6.2m RT.
T/G = 211.429
1800mmø, OPSD–701.010, F&G, OPSD–400.030
INV NW = 207.17
INV SW = 208.52
INV SE = 207.35

NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
–WATERMAIN OVER SEWER: 0.3m
–WATERMAIN UNDER SEWER: 0.5m

–ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
–ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
–MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL
04/08/20	TENDER ISSUE

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599–3793 SINCE 1972

Title:
STREET 'A'
PLAN AND PROFILE
STATION 1+160.00 TO STATION 1+320.00

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-08**

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STORMWATER MANAGEMENT SYSTEM STRUCTURES

CB75
STA 1+338.00; O/S 5.07m RT.
T/G = 211.65
600x600, OPSD-705.010, F&G, OPSD-400.030
INV SE = 210.20

CBMH76
STA 1+338.00; O/S 5.07m LT.
T/G = 211.65
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV NE = 209.08
INV NW = 210.07
INV SW = 209.10

CBMH74
STA 1+397.00; O/S 5.07m RT.
T/G = 213.029
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV NE = 210.47
INV S = 211.27
INV W = 210.63

CBMH73
STA 1+397.00; O/S 5.07m RT.
T/G = 213.029
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV E = 210.74
INV NW = 210.77

CBMH70
STA 1+430.00; O/S 5.07m LT.
T/G = 213.80
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV N = 211.68
INV S = 211.67

CBMH69
STA 1+448.65; O/S 5.07m RT.
T/G = 213.984
1500mmø, OPSD-701.011, F&G, OPSD-400.030
INV N = 211.91
INV W = 212.04
INV S = 211.90
INV SW = 212.41

CB68
STA 1+456.87; O/S 5.07m RT.
T/G = 214.165
600x600, OPSD-705.010, F&G, OPSD-400.030
INV NE = 212.66

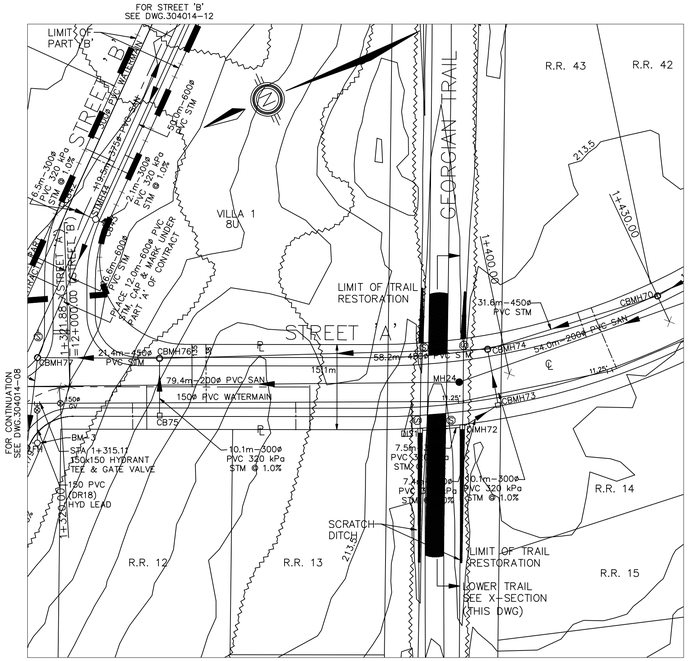
CBMH54
STA 1+510.00; O/S 5.07m RT.
T/G = 214.753
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV N = 212.48
INV W = 213.14
INV S = 212.62

CB53
STA 1+510.00; O/S 5.07m RT.
T/G = 214.753
600x600, OPSD-705.010, F&G, OPSD-400.030
INV E = 213.24

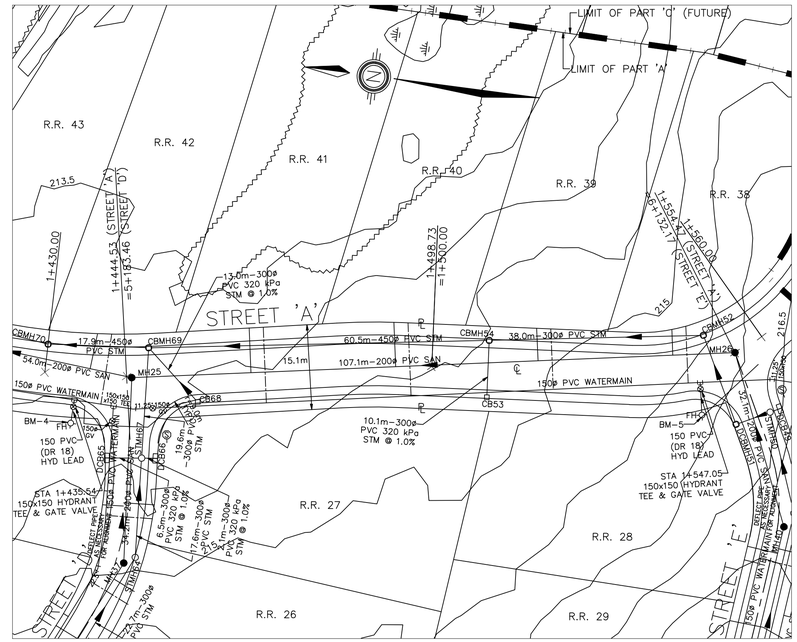
CBMH52
STA 1+550.00; O/S 5.07m RT.
T/G = 215.629
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV N = 213.43
INV SW = 213.60

DI71
T/G = 212.45
600x600, OPSD-705.030, F&G, OPSD-403.010 (B)
INV SE = 210.95

DIMH72
T/G = 212.45
600x1200, OPSD-705.040, F&G, OPSD-430.010 (B) (2)
INV N = 210.89
INV SE = 210.89



BM-3
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE INTERSECTION OF RANKINS CRESCENT AND EAST RIDGE ROAD. ELEV.=212.000

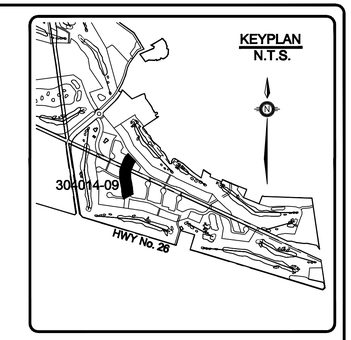


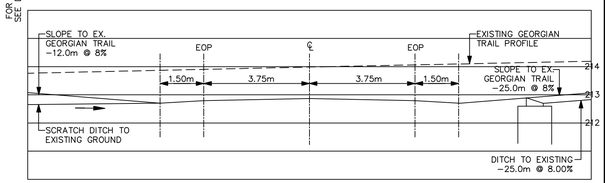
BM-4
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT NORTHWEST CORNER OF THE INTERSECTION OF RANKINS CRESCENT AND MCMULLEN COURT. ELEV.=214.298

BM-5
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT ON THE SOUTH SIDE OF MCMULLEN COURT, LOCATED AT LOTS 22 AND 23. ELEV.=217.297

PLAN

SCALE 1:500





INTERSECTION OF STREET 'A' AND GEORGIAN TRAIL
NTS

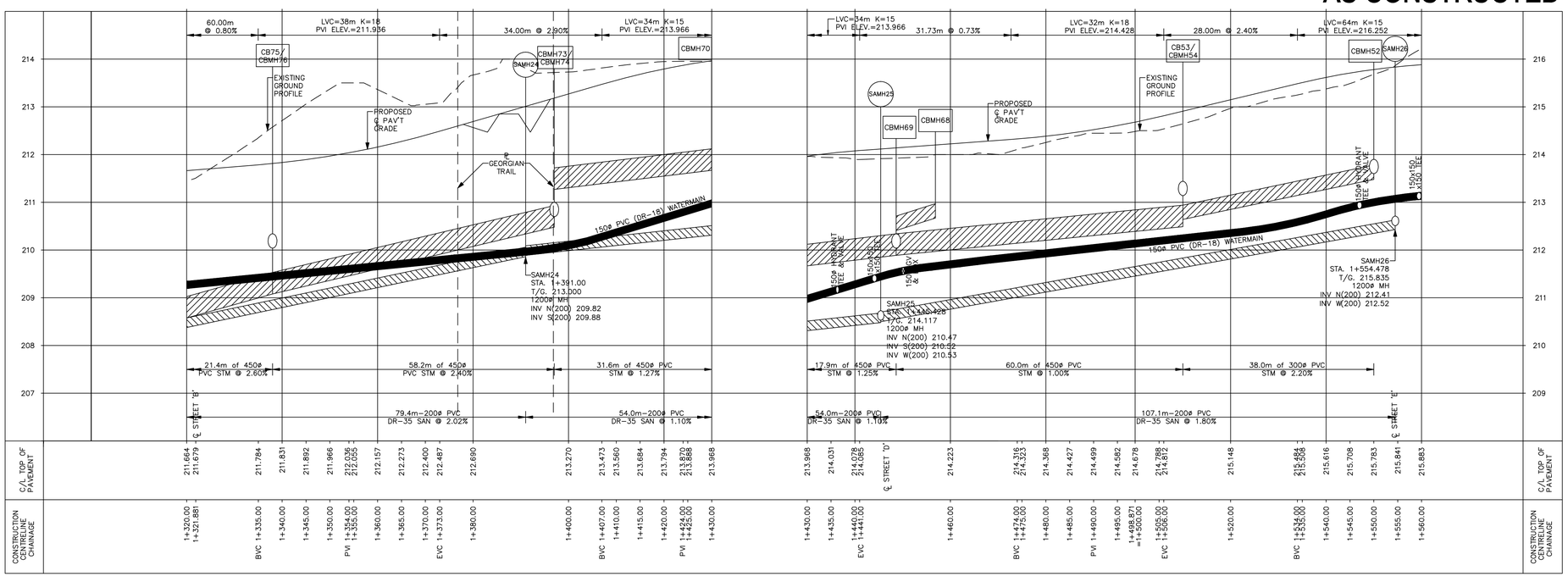
NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
-WATERMAIN OVER SEWER: 0.3m
-WATERMAIN UNDER SEWER: 0.5m

-ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
-ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
-MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

"AS CONSTRUCTED"



PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-25
FOR LOT GRADING, SEE DWG.304014-27&28
FOR UTILITIES, SEE DWG.304014-32

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL
04/08/20	TENDER ISSUE

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ♦ THE BLUE MOUNTAINS
PHONE (519) 599-3793 SINCE 1972

Title:
STREET 'A'
PLAN AND PROFILE
STATION 1+320.00 TO STATION 1+560.00

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-09**

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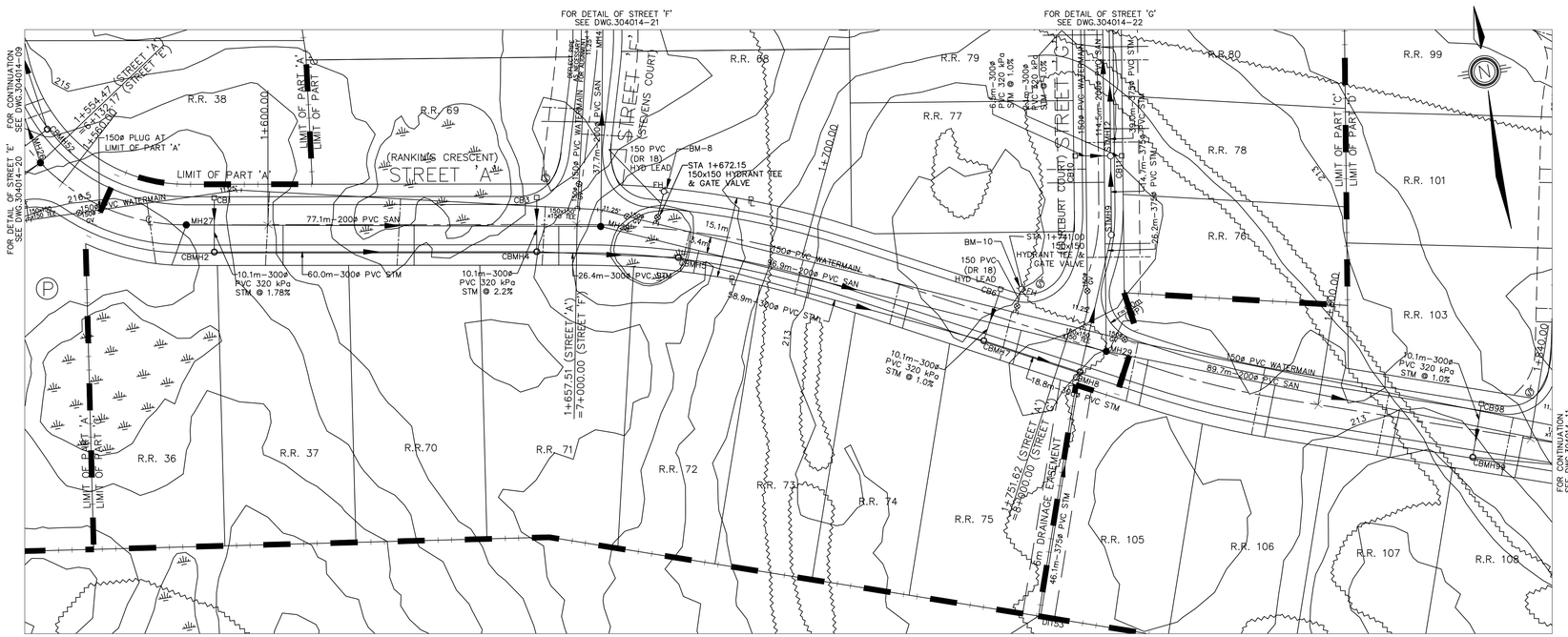


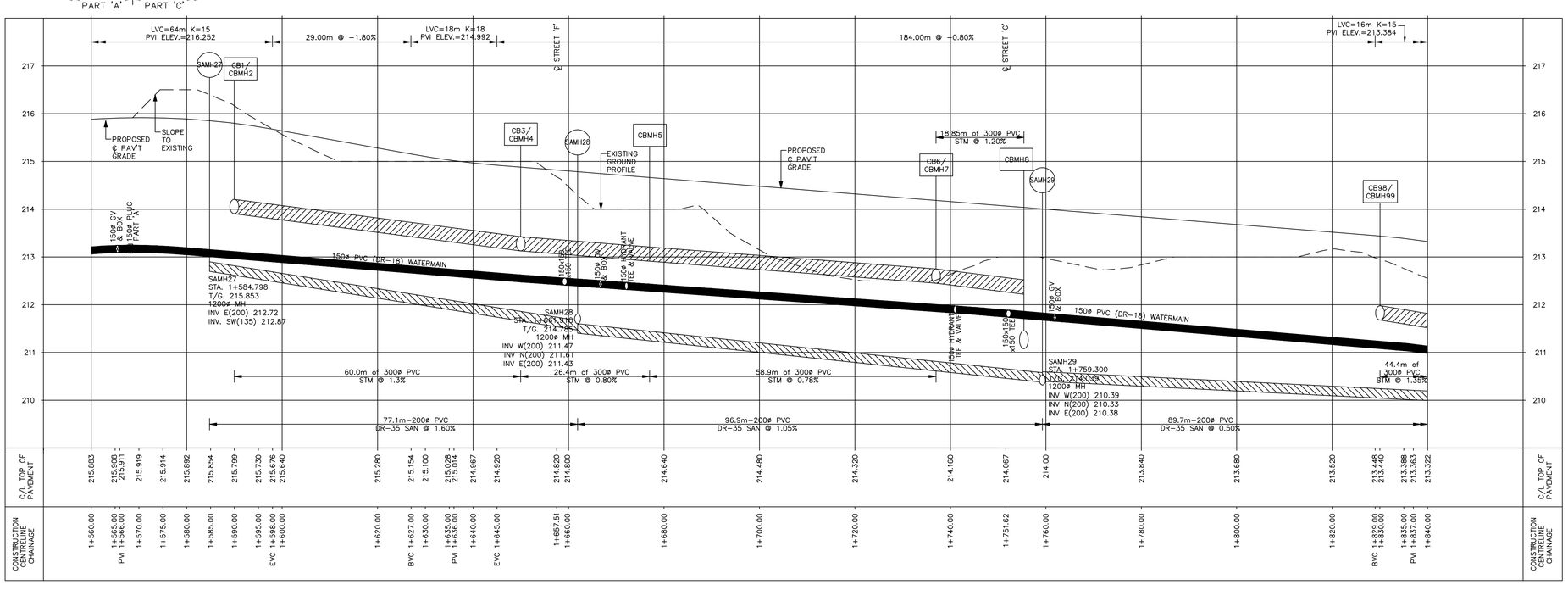
BM-8
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE INTERSECTION OF RANKINS CRESCENT AND STEVENS COURT. ELEV.=215.148

BM-10
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE INTERSECTION OF RANKINS CRESCENT AND HURLBURT COURT. ELEV.=214.863

PLAN

SCALE 1:500

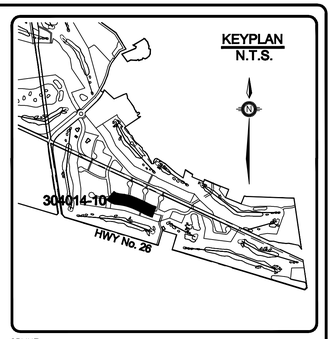
"AS CONSTRUCTED"



PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-25
FOR LOT GRADING, SEE DWG.304014-29
FOR UTILITIES, SEE DWG.304014-32



STORMWATER MANAGEMENT SYSTEM STRUCTURES

CB1
STA 1+590.00; O/S 5.07m LT.
T/G = 215.645
600x600, OPSD-705.010, F&G, OPSD-400.030
INV S = 214.08

CBMH2
STA 1+590.00; O/S 5.07m RT.
T/G = 215.645
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV N = 213.90
INV E = 213.90

CB3
STA 1+650.00; O/S 5.07m LT.
T/G = 214.728
600x600, OPSD-705.010, F&G, OPSD-400.030
INV S = 213.37

CBMH4
STA 1+650.00; O/S 5.07m RT.
T/G = 214.728
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV W = 213.14
INV N = 213.15
INV E = 213.15

CBMH5
STA 1+677.00; O/S 5.07m RT.
T/G = 214.512
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV W = 212.94
INV E = 212.90

CB6
STA 1+737.00; O/S 5.07m LT.
T/G = 214.032
600x600, OPSD-705.010, F&G, OPSD-400.030
INV S = 212.56

DICB152
T/G = 212.500
600x600, OPSD-705.010, F&G,
INV SW = 211.75
INV N =211.75

CBMH7
STA 1+737.00; O/S 5.07m RT.
T/G = 214.032
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV W = 212.46
INV N = 212.46
INV E = 212.44

CBMH8
STA 1+755.40; O/S 5.07m RT.
T/G = 213.885
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV NW = 212.22
INV SW = 211.08
INV NE = 211.14

CB98
STA 1+830.00; O/S 5.07m LT.
T/G = 213.286
600x600, OPSD-705.010, F&G, OPSD-400.030
INV S = 211.76

CBMH99
STA 1+830.00; O/S 5.07m RT.
T/G = 213.286
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV N = 211.65
INV E = 211.63

NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
-WATERMAIN OVER SEWER: 0.3m
-WATERMAIN UNDER SEWER: 0.5m

-ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
-ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
-MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/05/03	REVISED GRADES & SECTIONS
05/03/10	UPDATED STREET NAMES & NOTES
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL
04/08/20	TENDER ISSUE

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599-3793 SINCE 1972

Title:
STREET 'A'
PLAN AND PROFILE
STATION 1+560.00 TO STATION 1+840.00

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-10**

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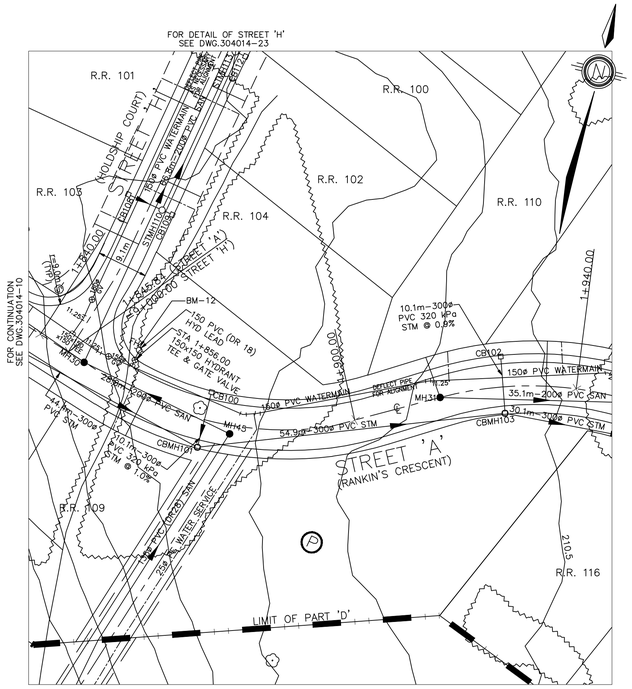
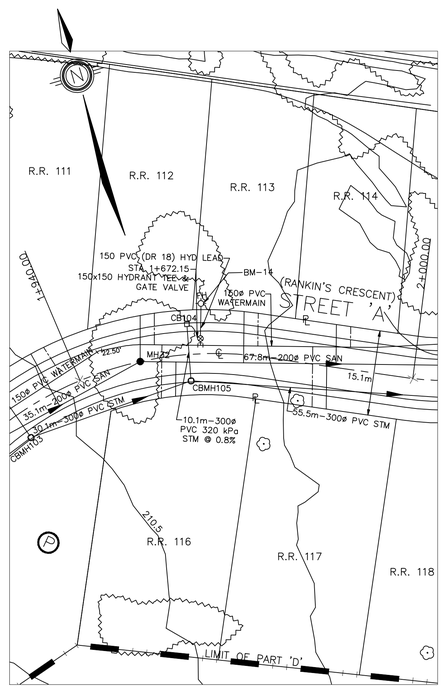


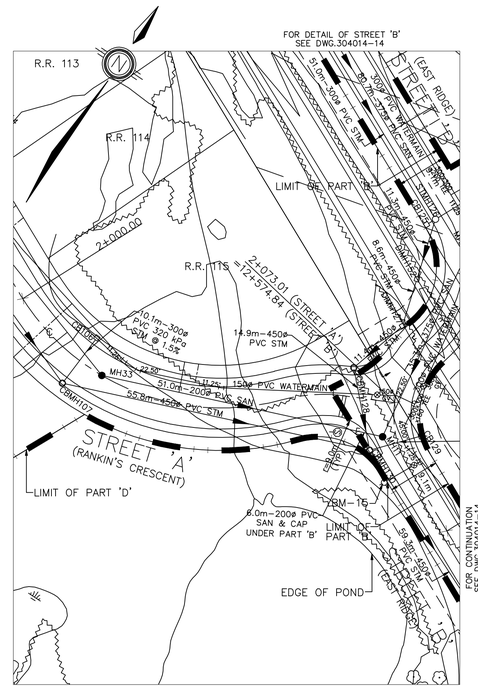
BM-12
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE INTERSECTION OF RANKINS CRESCENT AND HOLDSHIP COURT, LOCATED ACROSS FROM LOT 109
ELEV.=213.355



BM-14
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT ON THE NORTH SIDE OF RANKLINS CRESCENT AT IOTS 112 AND 113. ELEV.=211.851

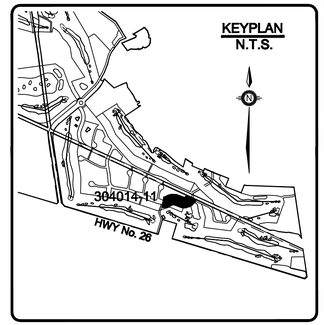
PLAN

SCALE 1:500



BM-15
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT ON THE SOUTH SIDE OF THE INTERSECTION AT RANKINS CRESCENT, JOHN WATT WAY AND EAST RIDGE ROAD.
ELEV.=210.316

"AS CONSTRUCTED"



STORMWATER MANAGEMENT SYSTEM STRUCTURES

CB100
STA 1+873.00; O/S 5.07m LT.
T/G = 212.582
600x600, OPSD-705.010, F&G, OPSD-400.030
INV S = 211.12

CBMH101
STA 1+873.00; O/S 5.07m RT.
T/G = 212.582
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV W = 211.03
INV N = 211.02
INV NE = 211.00

CB102
STA 1+927.00; O/S 5.07m LT.
T/G = 211.610
600x600, OPSD-705.010, F&G, OPSD-400.030
INV S = 210.13

CBMH103
STA 1+927.00; O/S 5.07m RT.
T/G = 211.610
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV SW = 210.05
INV N = 210.04
INV E = 210.03

CB104
STA 1+960.00; O/S 5.07m LT.
T/G = 211.016
600x600, OPSD-705.010, F&G, OPSD-400.030
INV S = 209.50

CBMH105
STA 1+960.00; O/S 5.07m RT.
T/G = 211.016
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV W = 209.41
INV N = 209.42
INV E = 209.40

CB106
STA 2+015.00; O/S 5.07m LT.
T/G = 210.026
600x600, OPSD-705.010, F&G, OPSD-400.030
INV S = 208.52

CBMH107
STA 2+015.00; O/S 5.07m RT.
T/G = 210.026
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV W = 208.32
INV N = 208.37
INV NE = 208.19

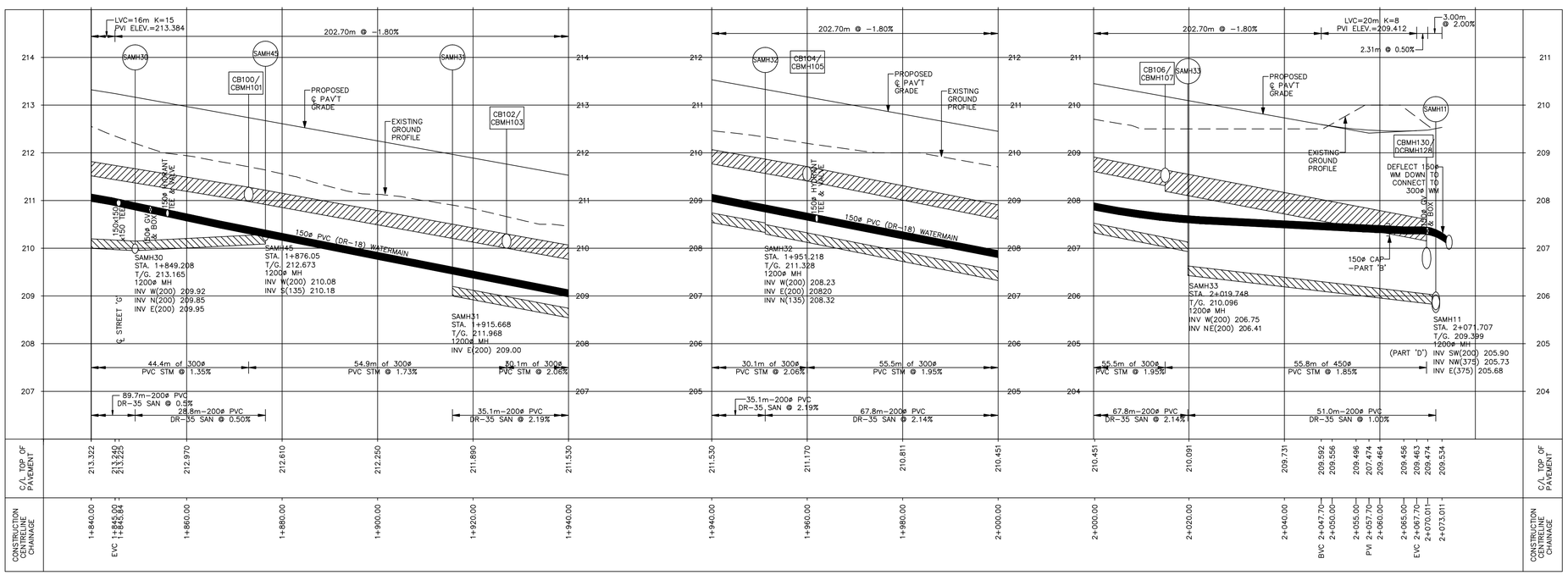
DCBMH128
STA 2+065.00; O/S 5.07m LT.
T/G = 209.295
1500ø, OPSD-701.011(FLATCAP);
F&G, OPSD-400.020 (2)
INV N = 206.60
INV SE = 206.59

NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
-WATERMAIN OVER SEWER: 0.3m
-WATERMAIN UNDER SEWER: 0.5m

-ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
-ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
-MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-25
FOR LOT GRADING, SEE DWG.304014-29&30
FOR UTILITIES, SEE DWG.304014-32

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/05/03	REVISED GRADES & SECTIONS
05/03/10	UPDATED STREET NAMES & NOTES
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599-3793 SINCE 1972

Title:
STREET 'A'
PLAN AND PROFILE
STATION 1+840.00 TO STATION 2+073.011

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-11**

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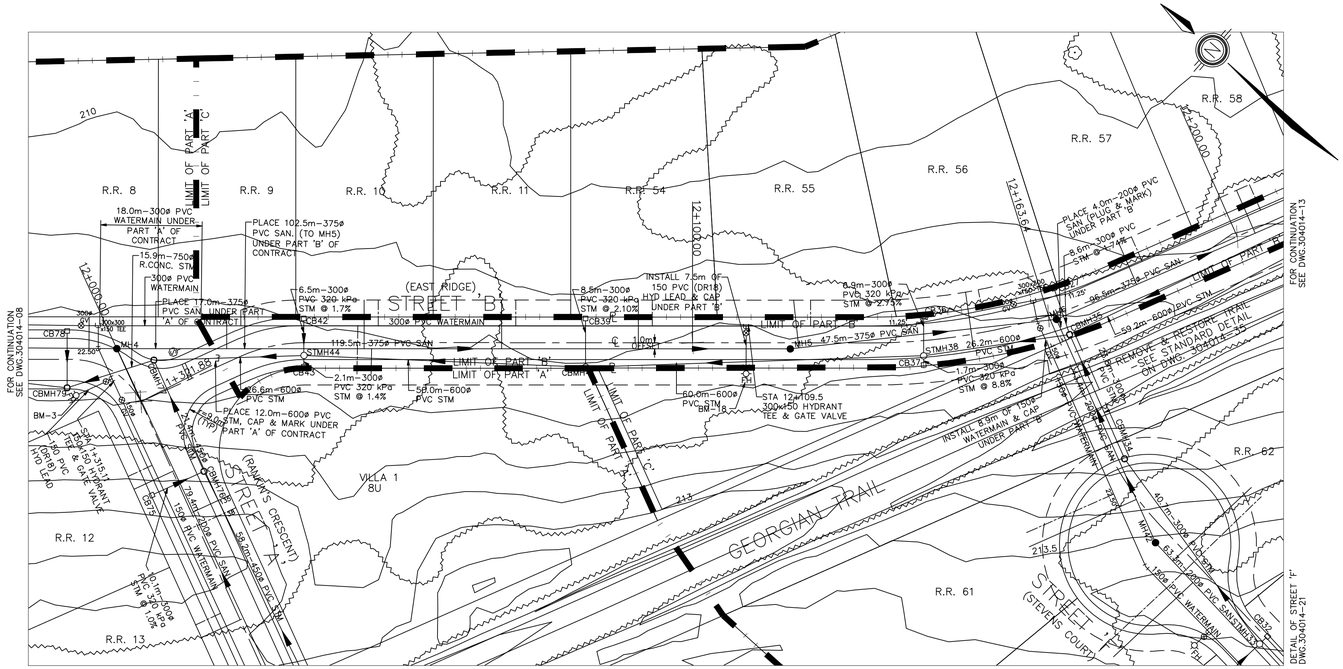


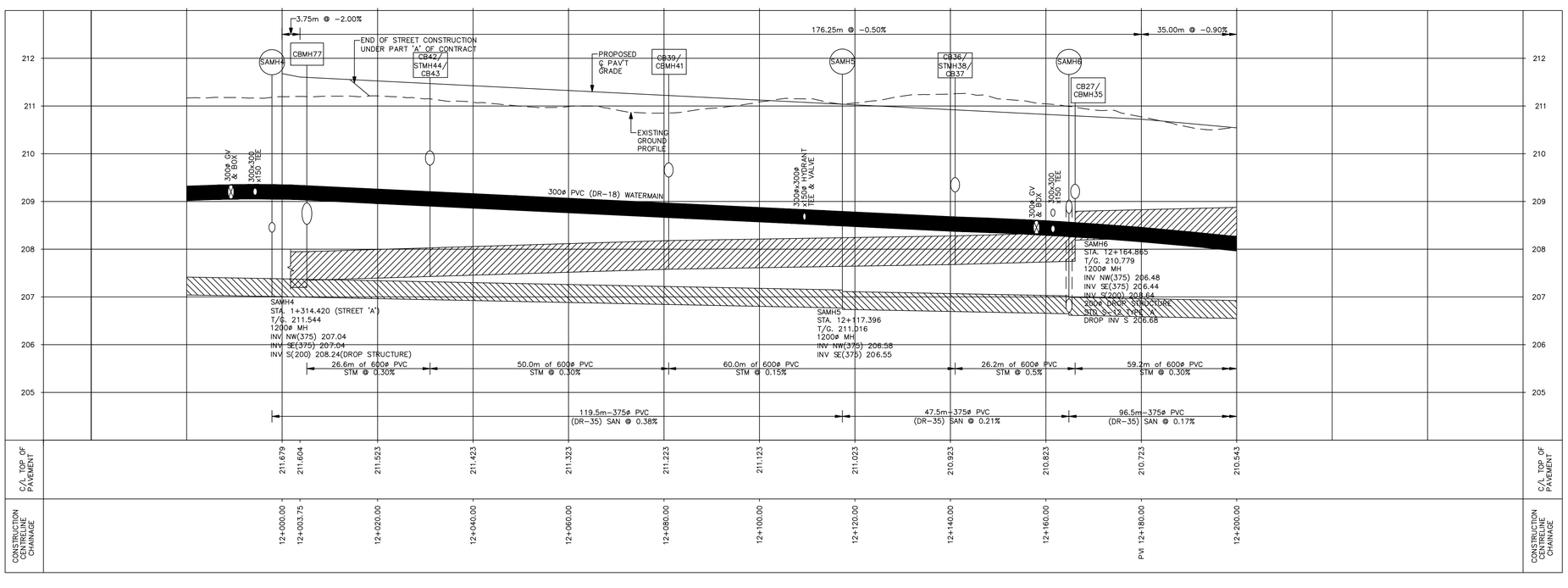
TB–3
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE INTERSECTION OF RANKINS CRESCENT AND EAST RIDGE ROAD. ELEV.=212.000

BM–18
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE SOUTH SIDE OF EAST RIDGE ROAD ACROSS FROM LOTS 54 AND 55. ELEV.=211.878

PLAN

SCALE 1:500

"AS CONSTRUCTED"



PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-25
FOR LOT GRADING, SEE DWG.304014-27&28
FOR UTILITIES, SEE DWG.304014-32

STORMWATER MANAGEMENT SYSTEM STRUCTURES

CBMH77
STA 12+005.10; O/S 5.705m LT.
T/G = 211.429
1800mmø, OPSD–701.010, F&G, OPSD–400.030
INV NW = 207.17
INV SW = 208.52
INV SE = 207.35

CB42
STA 12+031.00; O/S 4.32m LT.
T/G = 211.29
600x600, OPSD–705.010, F&G, OPSD–400.030
INV SW = 209.89

STMH44
STA 12+031.00; O/S 2.2m RT.
T/G = 211.424
1200ø, OPSD–701.010; F&G, OPSD–401.010, TYPE 'B'
INV NE = 209.78
INV NW = 207.43
INV SW = 209.76
INV SE = 207.50

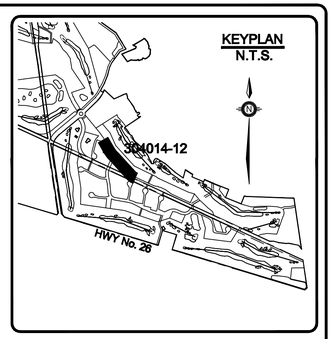
CB43
STA 12+031.00; O/S 4.32m RT.
T/G = 211.329
600x600, OPSD–705.010, F&G, OPSD–400.030
INV NE = 209.79

CB39
STA 12+081.00; O/S 4.32m LT.
T/G = 211.079
600x600, OPSD–705.010, F&G, OPSD–400.030
INV SW = 209.69

CBMH41
STA 12+081.00; O/S 4.32m RT.
T/G = 211.174
1200ø, OPSD–701.010; F&G, OPSD–401.010, TYPE 'B'
INV NE = 209.51
INV NW = 207.65
INV SE = 207.65

CB36
STA 12+141.00; O/S 4.32m LT.
T/G = 210.78
600x600, OPSD–705.010, F&G, OPSD–400.030
INV SW = 209.36

STMH38
STA 12+141.00; O/S 2.6m RT.
T/G = 210.866
1200ø, OPSD–701.010; F&G, OPSD–401.010, TYPE 'B'
INV NE = 209.17
INV NW = 207.73
INV SW = 209.22
INV SE = 207.72



CB37
STA 12+141.00; O/S 4.32m RT.
T/G = 210.78
600x600, OPSD–705.010, F&G, OPSD–400.030
INV NE = 209.37

CB27
STA 12+166.14; O/S 4.32m LT.
T/G = 210.653
600x600, OPSD–705.010, F&G, OPSD–400.030
INV SW = 209.31

CBMH35
STA 12+166.14; O/S 4.32m RT.
T/G = 210.653
1200mmø, OPSD–701.010, F&G, OPSD–400.030
INV NE = 209.16
INV NW = 207.85
INV SW = 209.14
INV SE = 208.16

NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
–WATERMAIN OVER SEWER: 0.3m
–WATERMAIN UNDER SEWER: 0.5m

–ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
–ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
–MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/05/03	REVISED GRADES & SECTIONS
05/03/10	UPDATED STREET NAMES & NOTES
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL
04/08/20	TENDER ISSUE

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599–3793 SINCE 1972

Title:
STREET 'B'
PLAN AND PROFILE
STATION 12+000.00 TO STATION 12+200.00

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-12**

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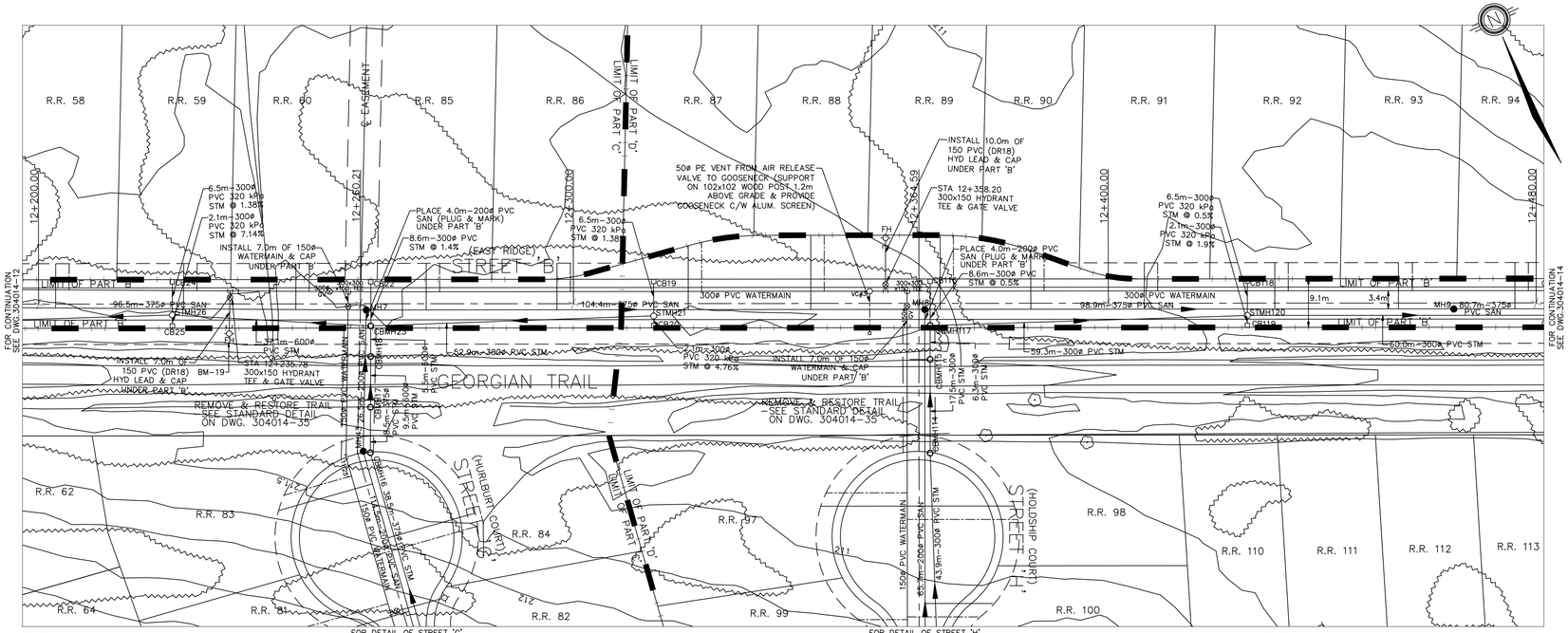


BM-19
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE SOUTH SIDE OF EAST RIDGE ROAD ACROSS FROM LOTS 59 AND 60. ELEV.=211.000

BM-20
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE NORTH SIDE OF EAST RIDGE ROAD LOCATED AT LOTS 88 AND 89. ELEV.=211.593

PLAN

SCALE 1:500

STORMWATER MANAGEMENT SYSTEM STRUCTURES

CB24
STA 12+225.00; O/S 4.32m LT.
T/G = 210.207
600x600, OPSD-705.010, F&G, OPSD-400.030
INV SW = 208.70

STMH26
STA 12+225.00; O/S 2.2m RT.
T/G = 210.302
1200mmø, OPSD-701.010, F&G, OPSD-401.010, TYPE 'B'
INV NE = 208.61
INV NW = 208.34
INV SW = 208.58
INV SE = 208.35

CB25
STA 12+225.00; O/S 4.32m RT.
T/G = 210.207
600x600, OPSD-705.010, F&G, OPSD-400.030
INV NE = 208.73

CB22
STA 12+262.12; O/S 4.32m LT.
T/G = 210.359
600x600, OPSD-705.010, F&G, OPSD-400.030
INV SW = 208.89

CBMH23
STA 12+262.12; O/S 4.32m RT.
T/G = 210.359
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV NE = 208.77
INV NW = 208.52
INV SW = 208.52
INV SE = 208.74

CB19
STA 12+315.00; O/S 4.32m LT.
T/G = 210.729
600x600, OPSD-705.010, F&G, OPSD-400.030
INV SW = 209.24

STMH21
STA 12+315.00; O/S 2.2m RT.
T/G = 210.824
1200ø, OPSD-701.010; F&G, OPSD-401.010, TYPE 'B'
INV NE = 209.15
INV NW = 209.09
INV SW = 209.13

CB20
STA 12+315.00; O/S 4.32m RT.
T/G = 210.729
600x600, OPSD-705.010, F&G, OPSD-400.030
INV NE = 209.25

CB116
STA 12+366.69; O/S 4.32m LT.
T/G = 211.000
600x600, OPSD-705.010, F&G, OPSD-400.030
INV SW = 209.54

STMH117
STA 12+366.69; O/S 4.32m RT.
T/G = 211.000
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV NE = 209.51
INV SW = 209.39
INV SE = 209.32

CB118
STA 12+426.00; O/S 4.32m LT.
T/G = 210.648
600x600, OPSD-705.010, F&G, OPSD-400.030
INV SW = 209.15

STMH120
STA 12+426.00; O/S 2.2m RT.
T/G = 210.743
1200ø, OPSD-701.010; F&G, OPSD-401.010, TYPE 'B'
INV NE = 209.13
INV NW = 208.92
INV SW = 209.14
INV SE = 208.92

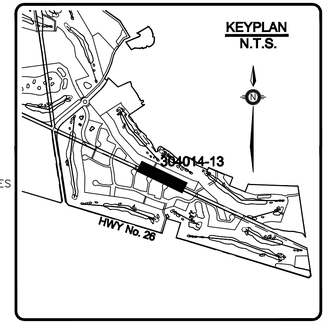
CB119
STA 12+426.00; O/S 4.32m RT.
T/G = 210.648
600x600, OPSD-705.010, F&G, OPSD-400.030
INV NE = 209.18

NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
-WATERMAIN OVER SEWER: 0.3m
-WATERMAIN UNDER SEWER: 0.5m

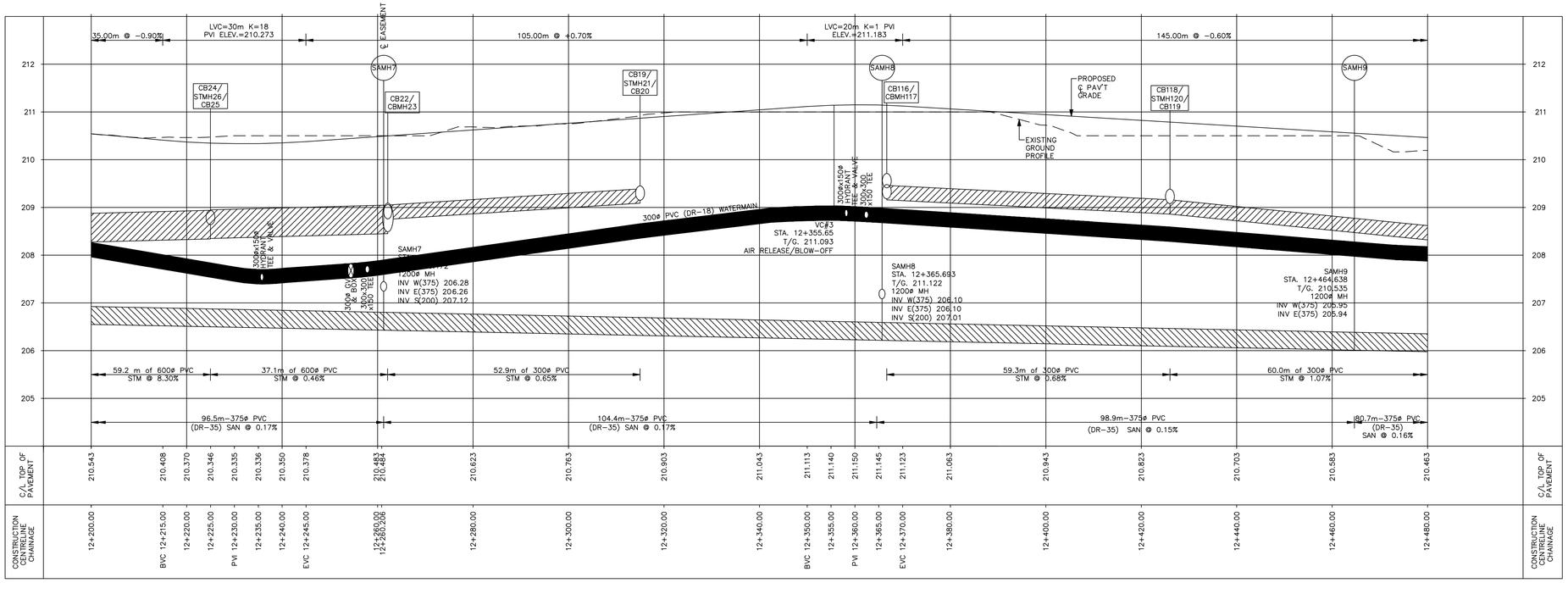
-ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
-ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
-MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



"AS CONSTRUCTED"



PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-25
FOR LOT GRADING, SEE DWG.304014-29
FOR UTILITIES, SEE DWG.304014-32

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/05/03	REVISED GRADES & SECTIONS
05/03/10	UPDATED STREET NAMES & NOTES
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL
04/08/20	TENDER ISSUE

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599-3793 SINCE 1972

Title:
STREET 'B'
PLAN AND PROFILE
STATION 12+200.00 TO STATION 12+480.00

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-13**

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STORMWATER MANAGEMENT SYSTEM STRUCTURES

CB121
STA 12+486.00; O/S 4.32m LT.
T/G = 210.288
600x600, OPSD–705.010, F&G, OPSD–400.030
INV SW = 208.81

STMH123
STA 12+486.00; O/S 2.2m RT.
T/G = 210.383
1200ø, OPSD–701.010; F&G, OPSD–401.010, TYPE 'B'
INV NE = 208.71
INV NW = 208.28
INV SW = 208.71
INV SE = 208.26

CB122
STA 12+486.00; O/S 4.32m RT.
T/G = 208.288
600x600, OPSD–705.010, F&G, OPSD–400.030
INV NE = 208.80

CB124
STA 12+537.00; O/S 4.32m LT.
T/G = 209.872
600x600, OPSD–705.010, F&G, OPSD–400.030
INV SW = 208.38

STMH126
STA 12+537.00; O/S 2.2m RT.
T/G = 209.966
1200ø, OPSD–701.010; F&G, OPSD–401.010, TYPE 'B'
INV NE = 208.31
INV NW = 207.75
INV SW = 208.29
INV S = 207.62

CB125
STA 12+537.00; O/S 4.32m RT.
T/G = 209.872
600x600, OPSD–705.010, F&G, OPSD–400.030
INV SW = 208.34

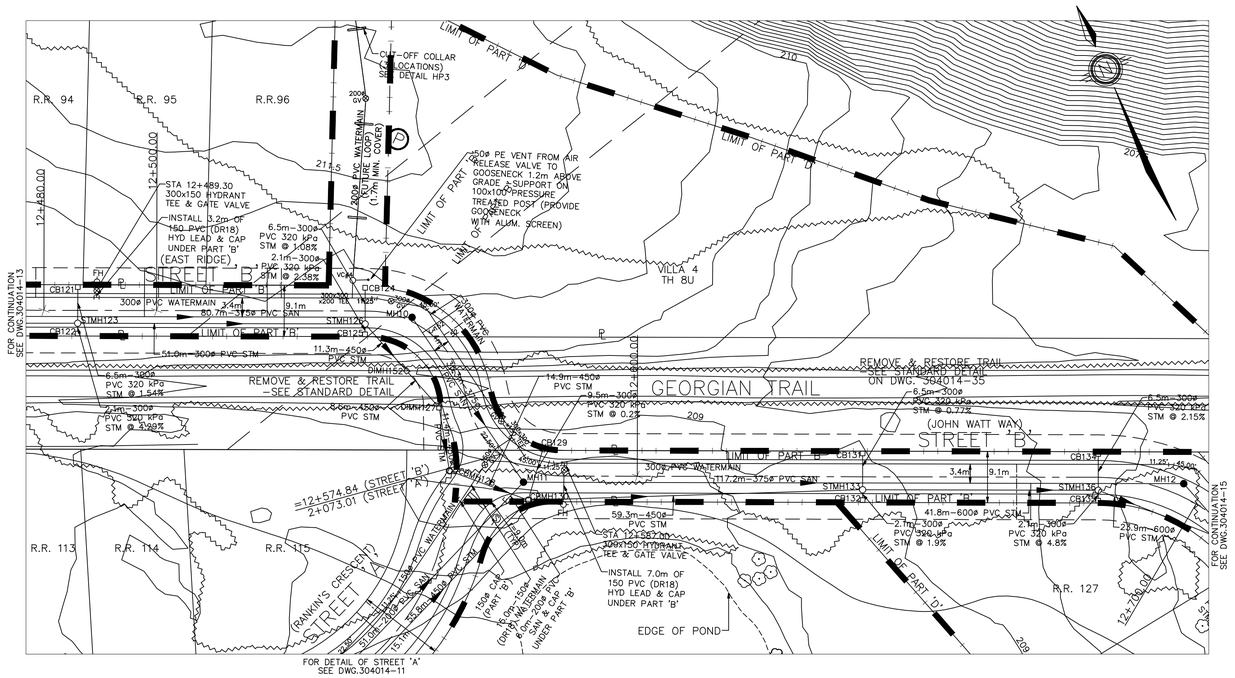
CB129
STA 12+582.00; O/S 4.32m LT.
T/G = 209.309
600x600, OPSD–705.010, F&G, OPSD–400.030
INV SW = 207.81

CBMH130
STA 12+582.00; O/S 5.12m RT.
T/G = 209.309
1200mmø, OPSD–701.010, F&G, OPSD–400.030
INV NE = 207.79
INV NW = 206.36
INV SW = 207.16
INV SE = 206.35

DCBMH128
STA 12+571.33; O/S 8.53m LT.
T/G = ±209.295
1500ø, OPSD–701.011(FLATCAP);
F&G, OPSD–400.020 (2)
INV N = 206.62
INV SE = 206.62

DIMH152
STA 12+551.25; O/S 7.75m RT.
T/G = ±208.800
1200mmø, OPSD–701.010, F&G, OPSD–403.010 (B)
INV N = 207.44
INV S = 207.41

DIMH127
STA 12+563.40; O/S 5.00m RT.
T/G = 208.900
1200mmø, OPSD–701.010, F&G, OPSD–403.010 (B)
INV N = 207.35
INV S = 206.96



PLAN

SCALE 1:500

CB131
STA 12+634.00; O/S 4.32m LT.
T/G = 208.659
600x600, OPSD–705.010, F&G, OPSD–400.030
INV SW = 207.15

STMH133
STA 12+634.00; O/S 2.2m RT.
T/G = 208.754
1200ø, OPSD–701.010; F&G, OPSD–401.010, TYPE 'B'
INV NE = 207.10
INV NW = 205.73
INV SW = 207.13
INV SE = 205.59

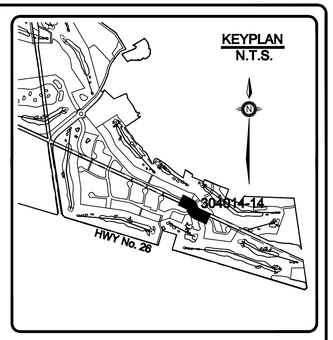
CB132
STA 12+634.00; O/S 4.32m RT.
T/G = 208.659
600x600, OPSD–705.010, F&G, OPSD–400.030
INV NE = 207.17

CB134
STA 12+681.80; O/S 4.32m LT.
T/G = 208.201
600x600, OPSD–705.010, F&G, OPSD–400.030
INV SW = 206.74

STMH136
STA 12+681.80; O/S 2.2m RT.
T/G = 208.157
1200ø, OPSD–701.010; F&G, OPSD–401.010, TYPE 'B'
INV NE = 206.60
INV NW = 205.38
INV SW = 206.64
INV SE = 205.38

CB135
STA 12+681.80; O/S 4.32m RT.
T/G = 208.201
600x600, OPSD–705.010, F&G, OPSD–400.030
INV NE = 206.74

"AS CONSTRUCTED"

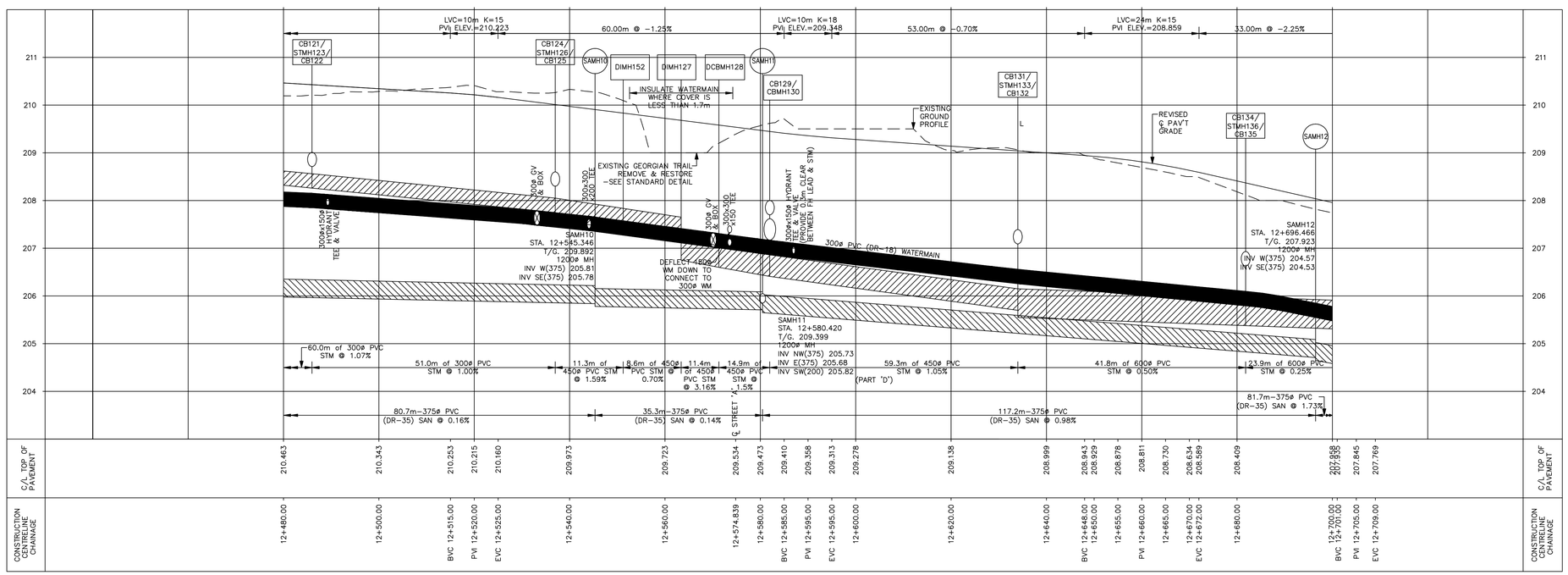


NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
–WATERMAIN OVER SEWER: 0.3m
–WATERMAIN UNDER SEWER: 0.5m

–ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
–ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
–MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-25
FOR LOT GRADING, SEE DWG.304014-29&30
FOR UTILITIES, SEE DWG.304014-32

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/05/03	REVISED GRADES & SECTIONS
05/03/10	UPDATED STREET NAMES & NOTES
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL
04/08/20	TENDER ISSUE

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599–3793 SINCE 1972

Title:
STREET 'B'
PLAN AND PROFILE
STATION 12+480.00 TO STATION 12+700.00

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. 304014-14

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STORMWATER MANAGEMENT SYSTEM STRUCTURES

CB137
STA 12+708.00; O/S 4.32m LEFT
T/G = 207.649
600x600, OPSD-705.010, F&G, OPSD-400.030
INV W = 206.16

STMH139
STA 12+708.00; O/S 2.3m RIGHT
T/G = 207.742
1200ø, OPSD-701.010; F&G, OPSD-401.010, TYPE 'B'
INV NW = 205.32
INV E = 206.02
INV W = 206.00
INV S = 205.30

CB138
STA 12+708.00; O/S 4.32m RIGHT
T/G = 207.649
600x600, OPSD-705.010, F&G, OPSD-400.030
INV E = 206.09

CB140
STA 12+768.00; O/S 4.32m LEFT
T/G = 206.509
600x600, OPSD-705.010, F&G, OPSD-400.030
INV W = 204.99

STMH141
STA 12+768.00; O/S 2.3m RIGHT
T/G = 206.602
1200ø, OPSD-701.010; F&G, OPSD-401.010, TYPE 'B'
INV N = 204.66
INV E = 204.94
INV S = 204.65

CBMH142
STA 12+777.00; O/S 7.8m RIGHT
T/G = 206.378
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV N = 204.46
INV E = 204.46

CB143
STA 12+810.00; O/S 4.32m LEFT
T/G = 205.531
600x600, OPSD-705.010, F&G, OPSD-400.030
INV S = 204.01

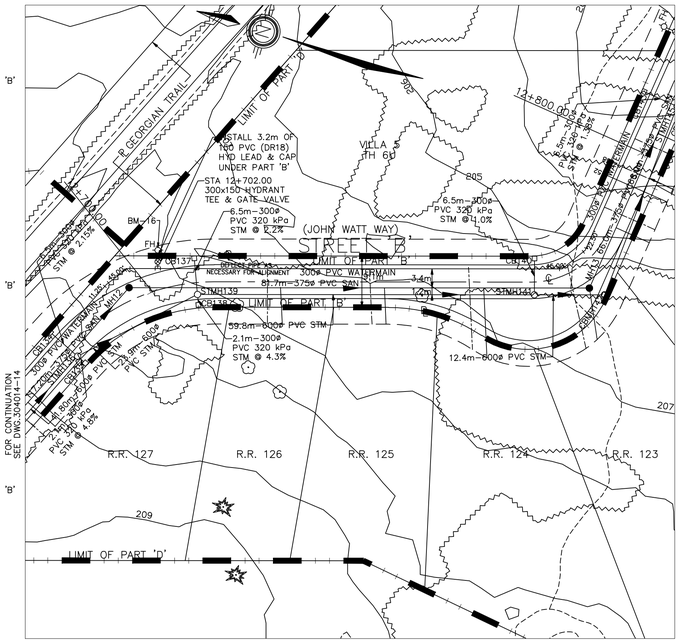
STMH145
STA 12+810.00; O/S 2.3m RIGHT
T/G = 205.624
1200ø, OPSD-701.010; F&G, OPSD-401.010, TYPE 'B'
INV W = 203.67
INV N = 203.92
INV S = 203.94
INV E = 203.68

CB144
STA 12+810.00; O/S 4.32m RIGHT
T/G = 205.531
600x600, OPSD-705.010, F&G, OPSD-400.030
INV N = 203.99

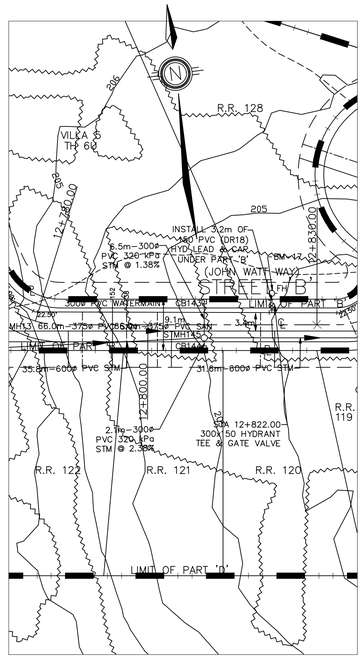
CBMH146
STA 12+839.80; O/S 4.92m RIGHT
T/G = 204.919
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV W = 203.15
INV N = 203.12

CB147
STA 12+845.70; O/S 5.02m LEFT
T/G = 204.848
600x600, OPSD-705.010, F&G, OPSD-400.030
INV E = 203.45

CB148
STA 12+878.36; O/S 13.9m LEFT
T/G = 204.77
600x600, OPSD-705.010, F&G, OPSD-400.030
INV E = 203.27

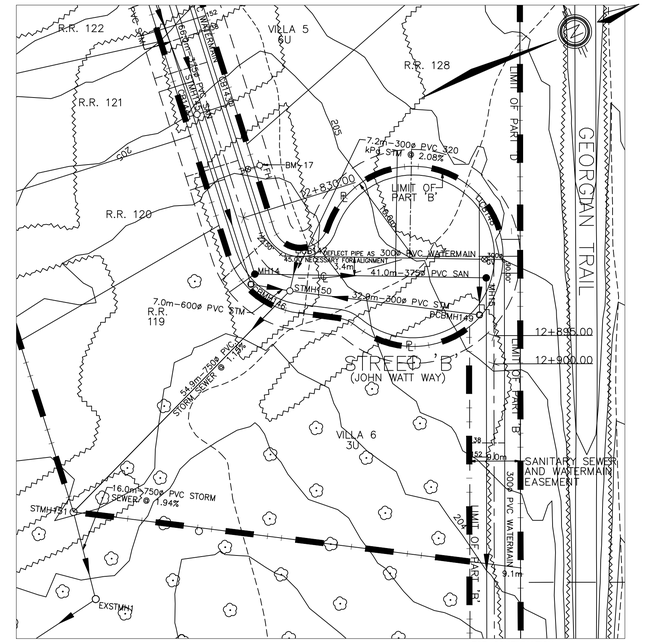


BM-16
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT ON THE NORTHEAST SIDE OF JOHN WATT WAY, LOCATED ACROSS FROM LOT 127. ELEV.=208.344



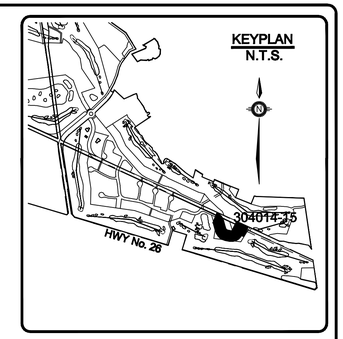
PLAN

SCALE 1:500



BM-17
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT ON THE NORTH SIDE OF JOHN WATT WAY, LOCATED AT LOT 128. ELEV.=206.429

"AS CONSTRUCTED"



DCBMH149
STA 12+878.36; O/S 6.5m RIGHT
T/G = 204.50
1500ø, OPSD-701.011(FLATCAP);
F&G, OPSD-400.020 (2)
INV S = 203.04
INV W = 203.08

STMH150
STA 12+845.70; O/S 2.3m RIGHT
T/G = 204.955
1500ø, OPSD-701.011; F&G, OPSD-401.010, TYPE 'B'
INV S = 202.96
INV E = 202.44
INV W = 203.30
INV N = 202.74

STMH151
T/G = 204.00(±)
1500ø, OPSD-701.011(FLATCAP);
F&G, OPSD-401.010 (TYPE 'A')
INV N = 201.82
INV E = 201.71

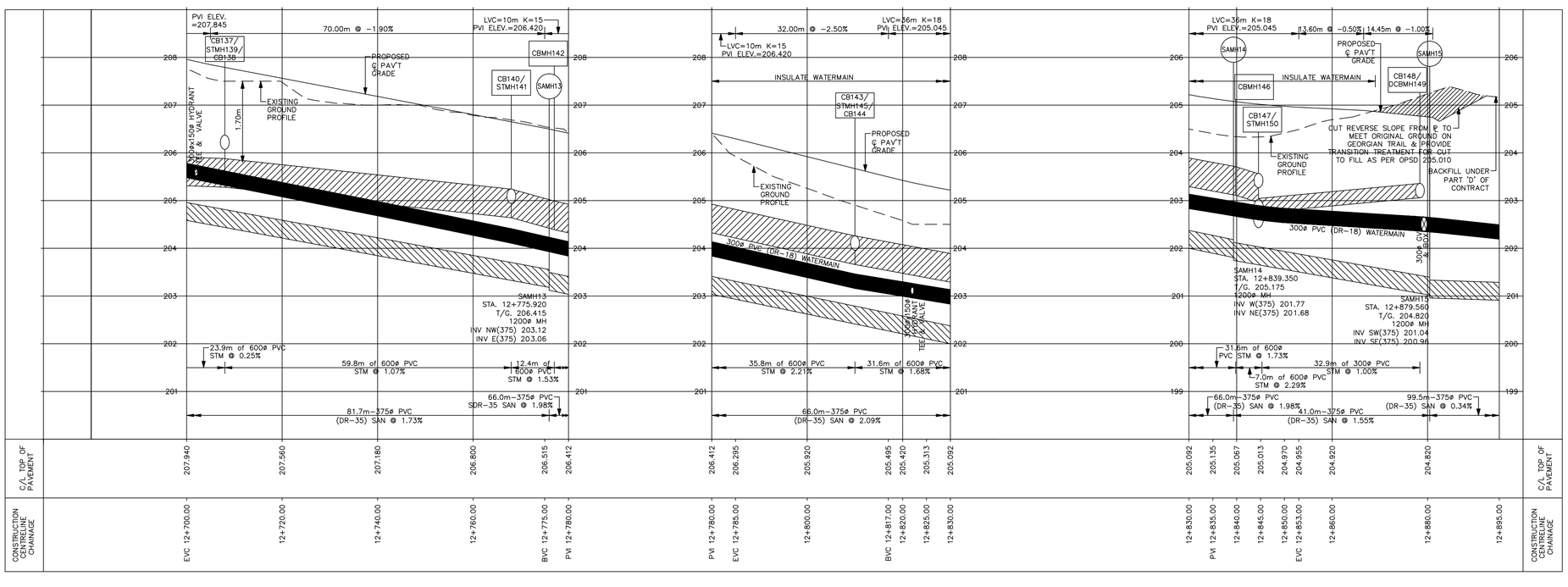
EXSTMH1
T/G = 203.80(±)
1500ø, OPSD-701.011(FLATCAP);
F&G, OPSD-401.010 (TYPE 'A')
INV W = 201.40
INV S = 201.40

NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
-WATERMAIN OVER SEWER: 0.3m
-WATERMAIN UNDER SEWER: 0.5m

-ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
-ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
-MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-25&26
FOR LOT GRADING, SEE DWG.304014-30
FOR UTILITIES, SEE DWG.304014-32&33

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/05/03	REVISED GRADES & SECTIONS
05/03/10	UPDATED STREET NAMES & NOTES
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL
04/08/20	TENDER ISSUE

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599-3793 SINCE 1972

Title: **STREET 'B'**
PLAN AND PROFILE
STATION 12+700.00 TO STATION 12+895.00

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-15**

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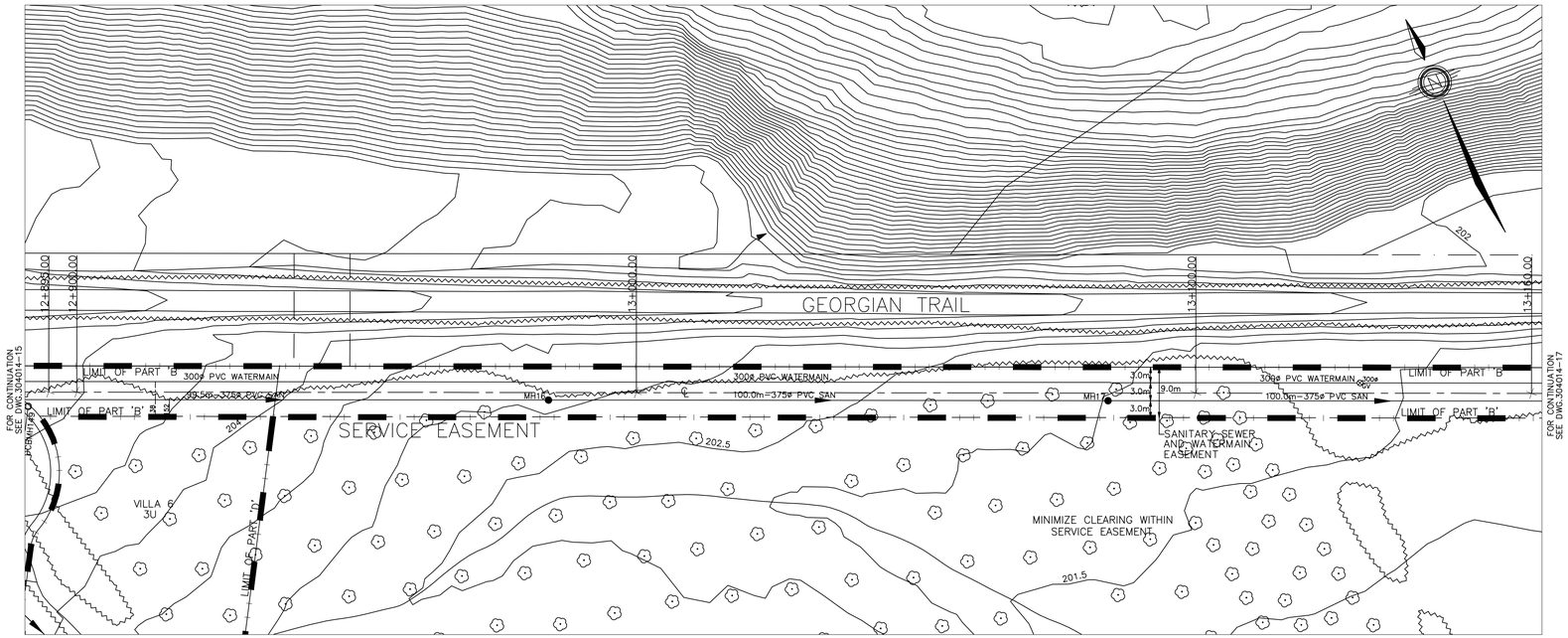
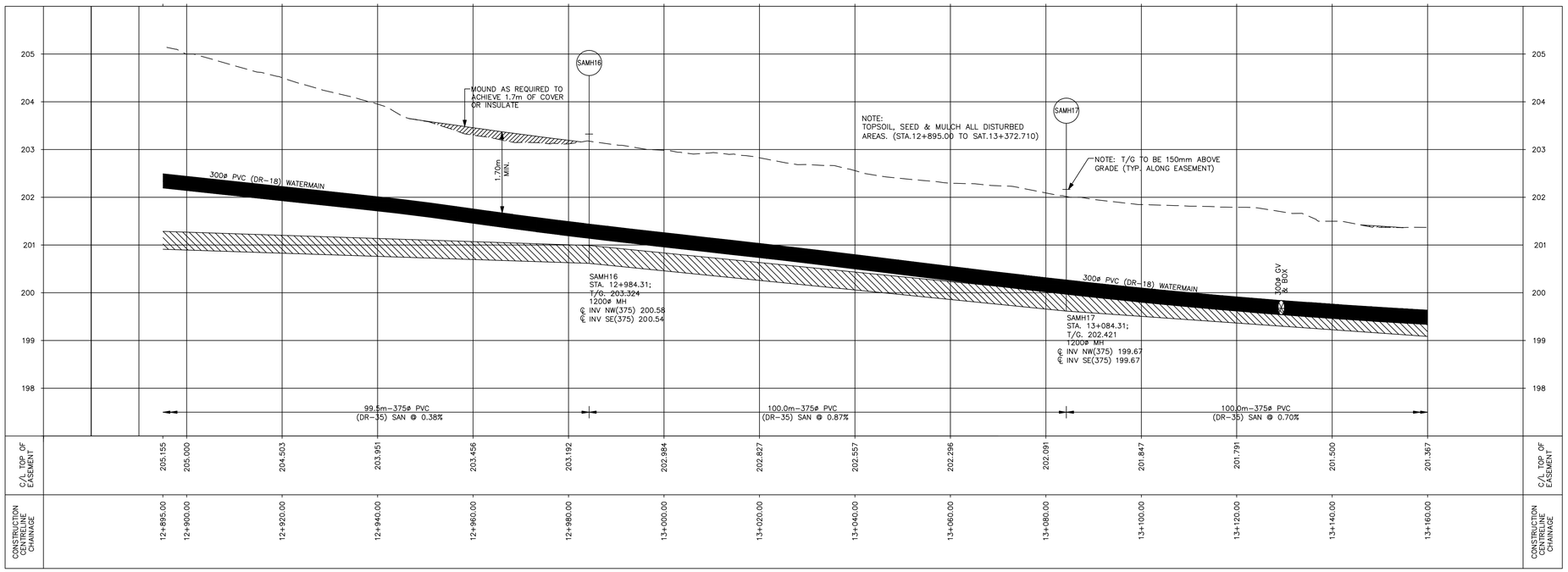


PLAN

SCALE 1:500

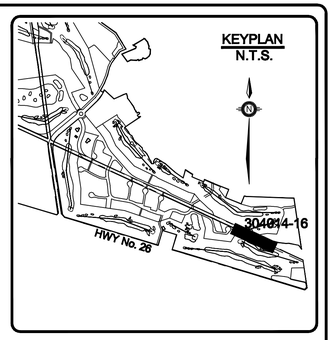
"AS CONSTRUCTED"



PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-26
FOR LOT GRADING, SEE DWG.304014-30
FOR UTILITIES, SEE DWG.304014-33



-ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
-ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
-MIN. HORIZONTAL PIPE CLEARANCE IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL
04/08/20	TENDER ISSUE

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599-3793 SINCE 1972

Title: **TRUNK SANITARY SEWER & WATERMAIN ON SERVICE EASEMENT STATION 12+895.00 TO STATION 13+160.00**

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-16**

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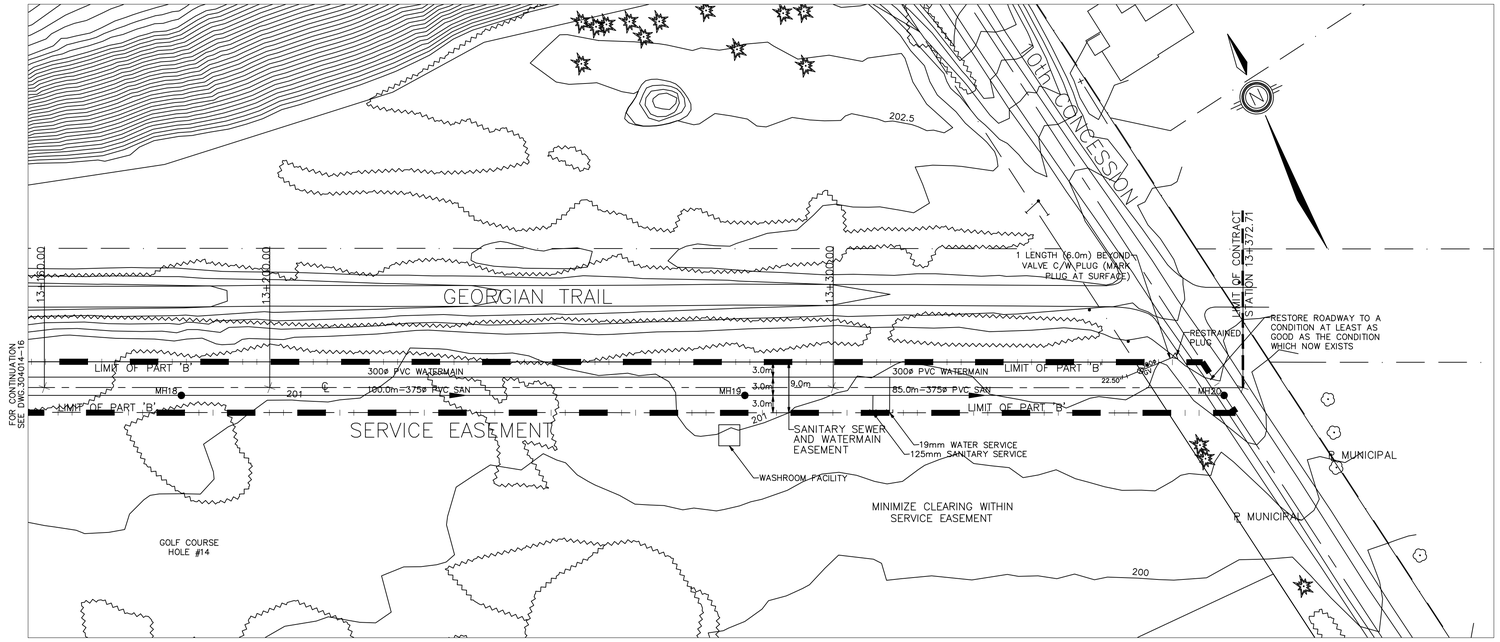
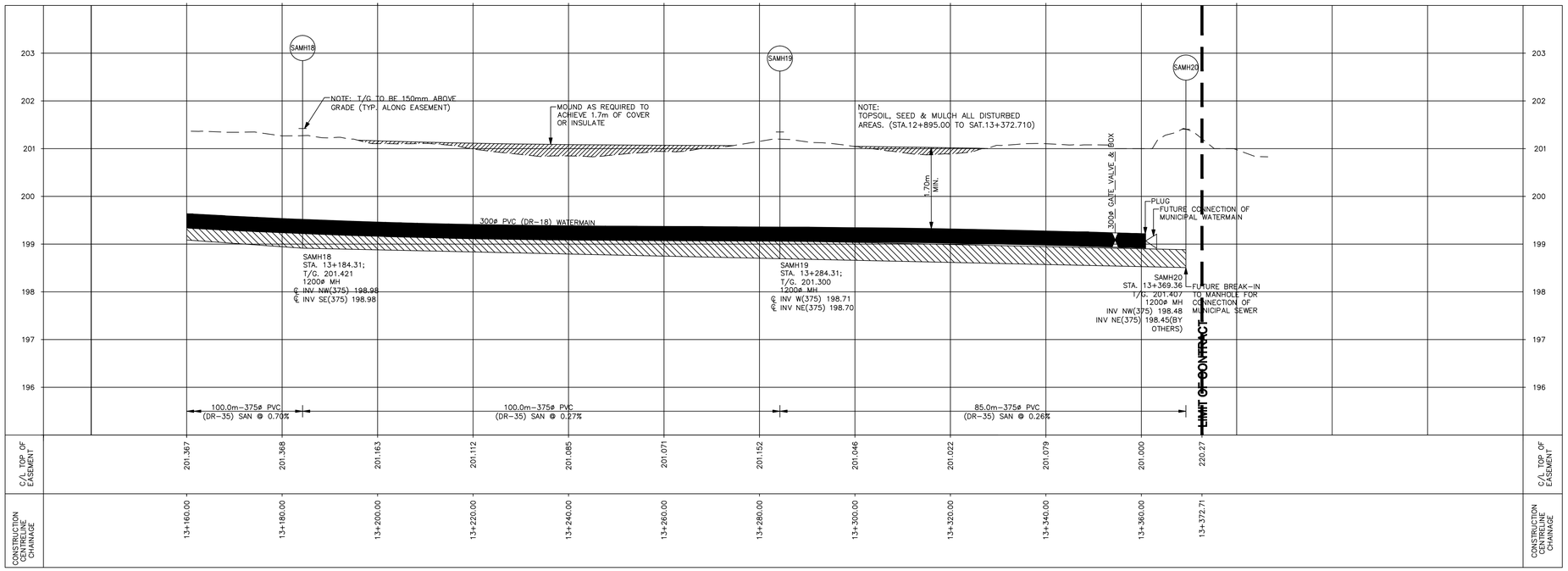


PLAN

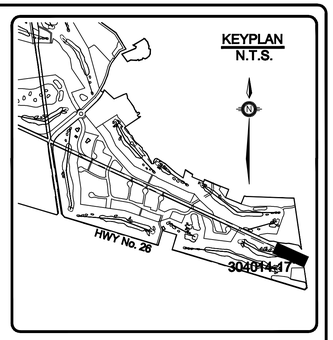
SCALE 1:500



PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-26
FOR LOT GRADING, SEE DWG.304014-30
FOR UTILITIES, SEE DWG.304014-33



"AS CONSTRUCTED"

-ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
-ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
-MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL
04/08/20	TENDER ISSUE

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599-3793 SINCE 1972

Title:
TRUNK SANITARY SEWER & WATERMAIN ON SERVICE EASEMENT STATION 13+160.00 TO STATION 13+372.710

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-17**

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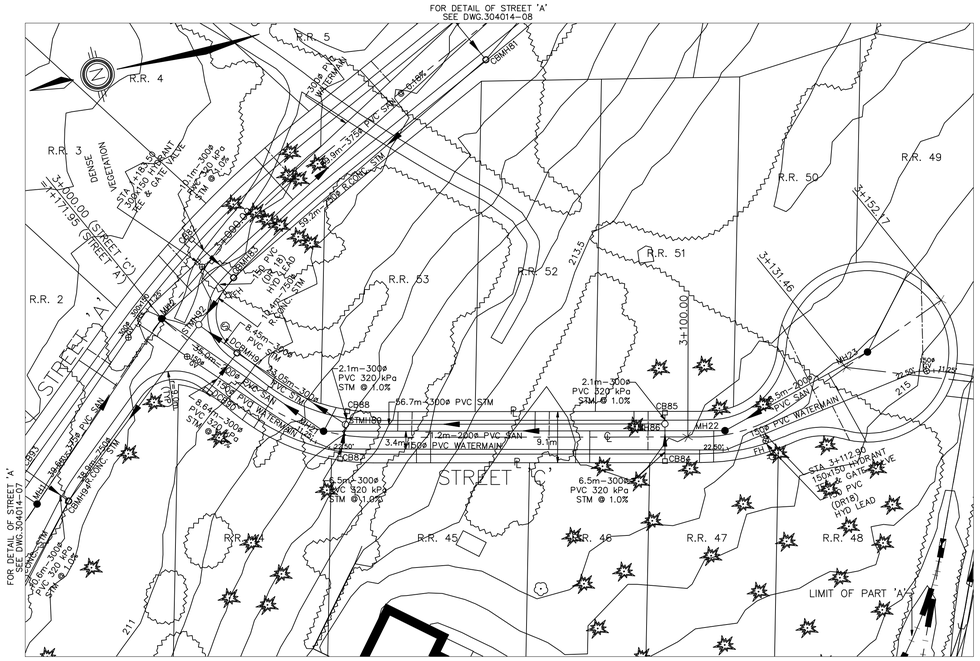
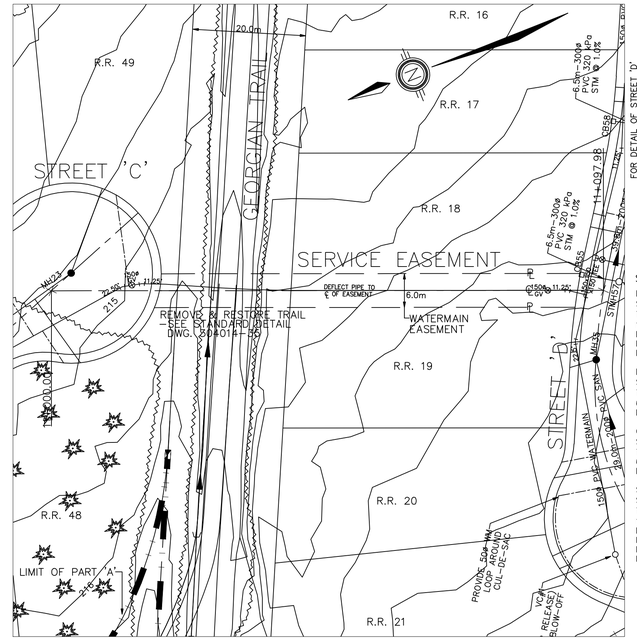
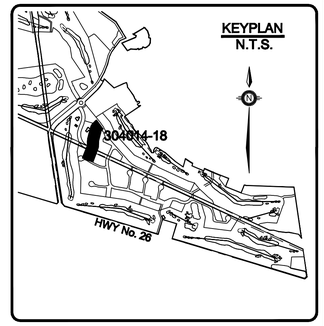


PLAN

SCALE 1:500



"AS CONSTRUCTED"



STORMWATER MANAGEMENT SYSTEM STRUCTURES

DCBMH91
STA 3+014.40; O/S 4.32m RT.
T/G = 210.544
1500ø, OPSD-701.011(FLATCAP); F&G, OPSD-400.020 (2)
INV NE = 207.61
INV NW = 208.93
INV SW = 208.04

DCB90
STA 3+014.40; O/S 4.32m RT.
T/G = 210.528
600x1450, OPSD-705.020; F&G, OPSD-400.020 (2)
INV SE = 209.02

CB88
STA 3+039.00; O/S 4.32m LT.
T/G = 211.522
600x600, OPSD-705.010, F&G, OPSD-400.030
INV W = 209.97

STMH 89
STA 3+039.00; O/S 2.2m LT.
T/G = 211.617
1200ø, OPSD-701.010; F&G, OPSD-401.010, TYPE 'B'
INV NE = 209.08
INV W = 209.95
INV E = 209.95
INV S = 209.51

CB87
STA 3+039.00; O/S 4.32m RT.
T/G = 211.522
600x600, OPSD-705.010, F&G, OPSD-400.030
INV E = 210.02

CB85
STA 3+096.00; O/S 4.32m LT.
T/G = 213.696
600x600, OPSD-705.010, F&G, OPSD-400.030
INV W = 212.14

STMH86
STA 3+096.00; O/S 2.2m LT.
T/G = 213.789
1200ø, OPSD-701.010; F&G, OPSD-401.010, TYPE 'B'
INV N = 212.07
INV W = 212.12
INV E = 212.12

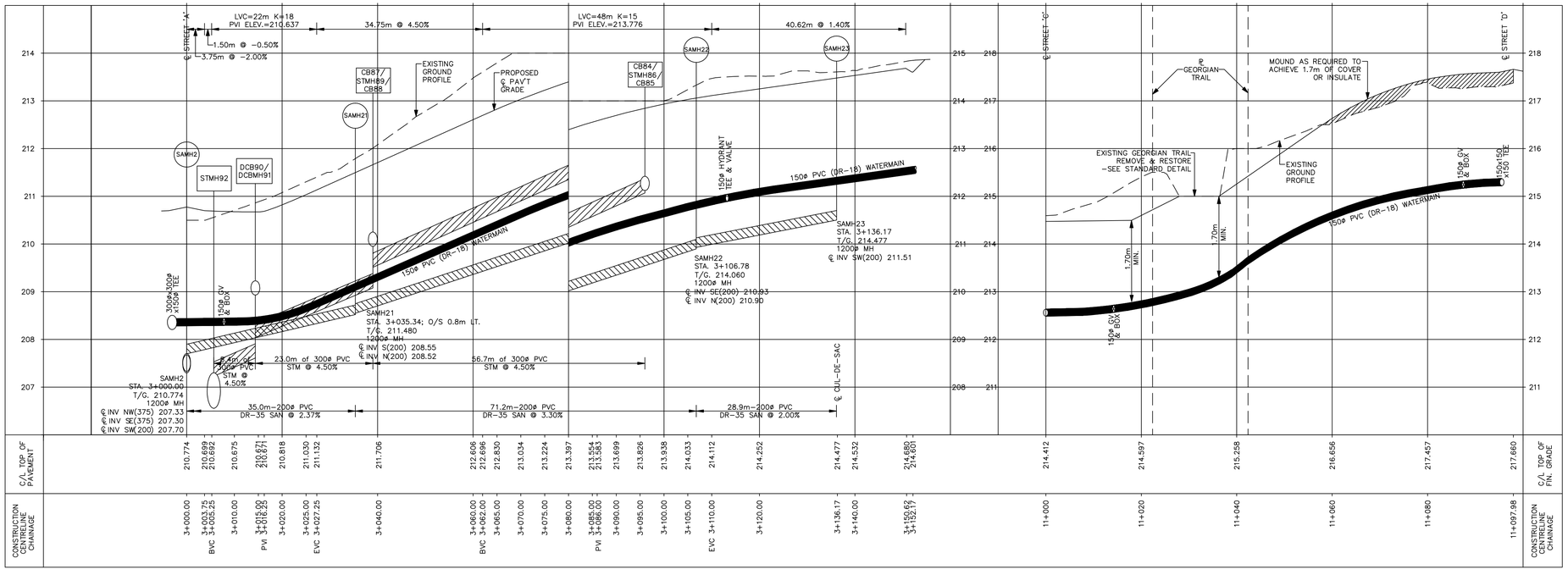
CB84
STA 3+096.00; O/S 4.32m RT.
T/G = 213.696
600x600, OPSD-705.010, F&G, OPSD-400.030
INV E = 212.19

NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
-WATERMAIN OVER SEWER: 0.3m
-WATERMAIN UNDER SEWER: 0.5m

-ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
-ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
-MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-24
FOR LOT GRADING, SEE DWG.304014-27&28
FOR UTILITIES, SEE DWG.304014-31

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL
04/08/20	TENDER ISSUE

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599-3793 SINCE 1972

Title:
STREET 'C' & WM EASEMENT
PLAN AND PROFILE
STATION 3+000.00 TO STATION 3+152.17
STATION 11+000.00 TO STATION 11+097.98

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-18**

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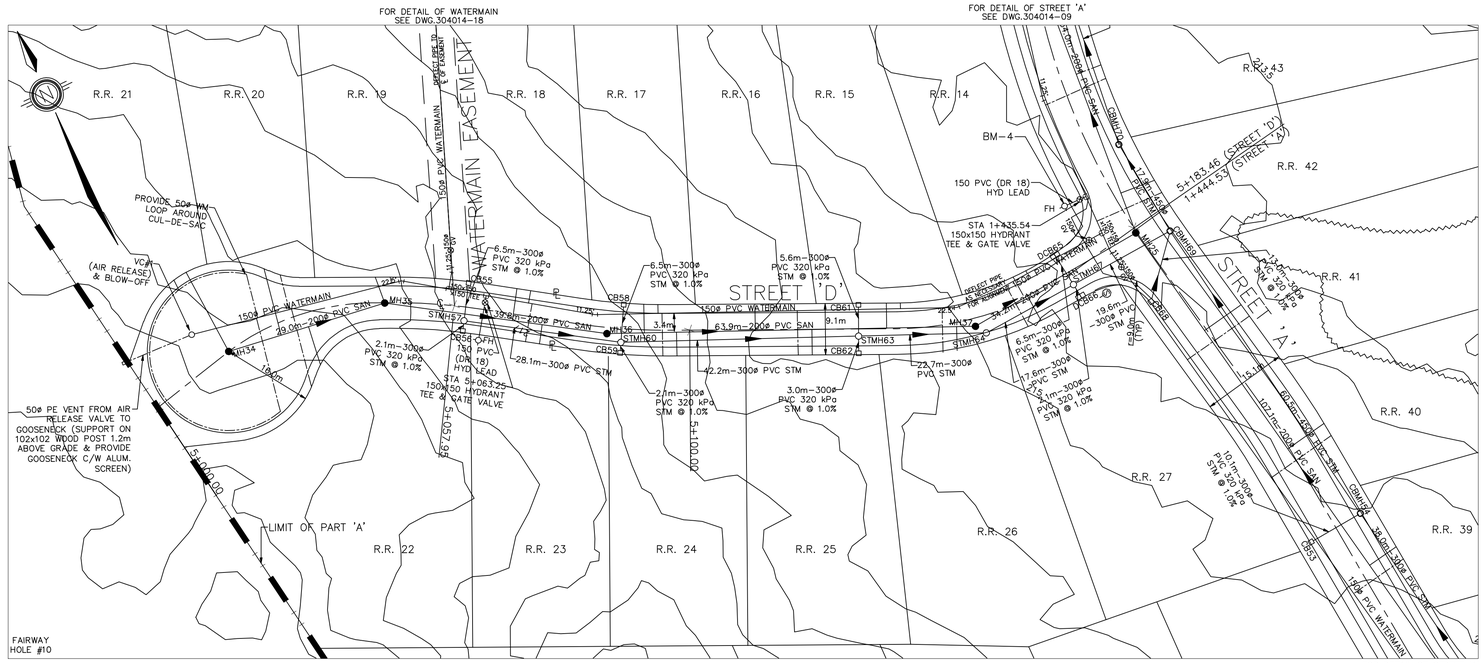
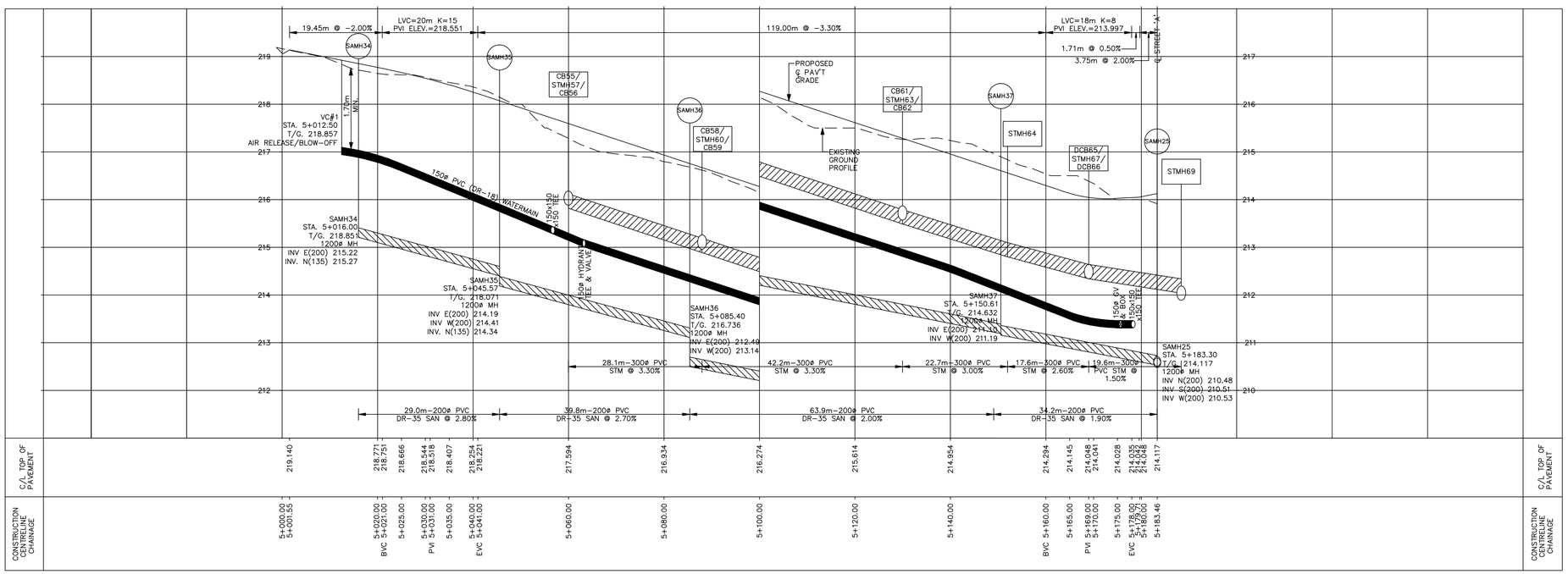


PLAN

SCALE 1:500

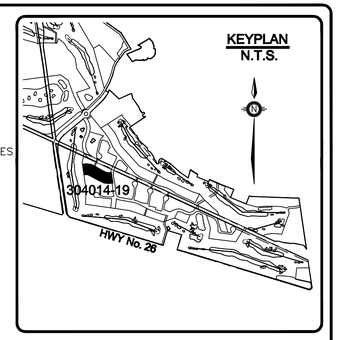
"AS CONSTRUCTED"



PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-24&25
FOR LOT GRADING, SEE DWG.304014-28
FOR UTILITIES, SEE DWG.304014-31&32



STORMWATER MANAGEMENT SYSTEM STRUCTURES

CB55
STA 5+060.00; O/S 4.32m LT.
T/G = 217.455
600x600, OPSD-705.010, F&G, OPSD-400.030
INV SW = 216.00
STMH57
STA 5+060.00; O/S 2.2m RT.
T/G = 217.55
1200ø, OPSD-701.010; F&G, OPSD-401.010, TYPE 'B'
INV NE = 215.90
INV SW = 215.89
INV SE = 215.82

CB56
STA 5+060.00; O/S 4.32m RT.
T/G = 217.455
600x600, OPSD-705.010, F&G, OPSD-400.030
INV NE = 215.94

CB58
STA 5+088.00; O/S 4.32m LT.
T/G = 216.531
600x600, OPSD-705.010, F&G, OPSD-400.030
INV S = 215.04
STMH60
STA 5+088.00; O/S 2.2m RT.
T/G = 216.626
1200ø, OPSD-701.010; F&G, OPSD-401.010, TYPE 'B'
INV NW = 214.93
INV SE = 214.87
INV SW = 214.98
INV NE = 214.95

CB59
STA 5+088.00; O/S 4.32m RT.
T/G = 216.531
600x600, OPSD-705.010, F&G, OPSD-400.030
INV N = 215.02

CB61
STA 5+130.00; O/S 4.32m LT.
T/G = 215.145
600x600, OPSD-705.010, F&G, OPSD-400.030
INV S = 213.71

STMH63
STA 5+130.00; O/S 2.2m RT.
T/G = 215.26
1200ø, OPSD-701.010; F&G, OPSD-401.010, TYPE 'B'
INV NE = 213.58
INV SW = 213.58
INV NW = 213.50
INV SE = 213.48

CB62
STA 5+130.00; O/S 4.32m RT.
T/G = 215.145
600x600, OPSD-705.010, F&G, OPSD-400.030
INV N = 213.61

STMH64
STA 5+152.00; O/S 3.08m RT.
T/G = 214.50
1200ø, OPSD-701.010; F&G, OPSD-401.010, TYPE 'B'
INV NW = 212.86
INV SE = 212.82

DCB65
STA 5+169.00; O/S 4.32m LT.
T/G = 213.91
600x1450, OPSD-705.020; F&G, OPSD-400.020 (2)
INV S = 212.44

STMH67
STA 5+169.00; O/S 4.32m LT.
T/G = 214.01
1200ø, OPSD-701.010; F&G, OPSD-401.010, TYPE 'B'
INV N = 212.39
INV S = 212.39
INV W = 212.41
INV E = 212.33

DCB66
STA 5+169.00; O/S 4.32m RT.
T/G = 213.91
600x1450, OPSD-705.020; F&G, OPSD-400.020 (2)30
INV N = 212.48

NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
-WATERMAIN OVER SEWER: 0.3m
-WATERMAIN UNDER SEWER: 0.5m

-ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
-ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
-MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL
04/08/20	TENDER ISSUE

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599-3793 SINCE 1972

Title:
STREET 'D'
PLAN AND PROFILE
STATION 5+000.00 TO STATION 5+183.46

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-19**

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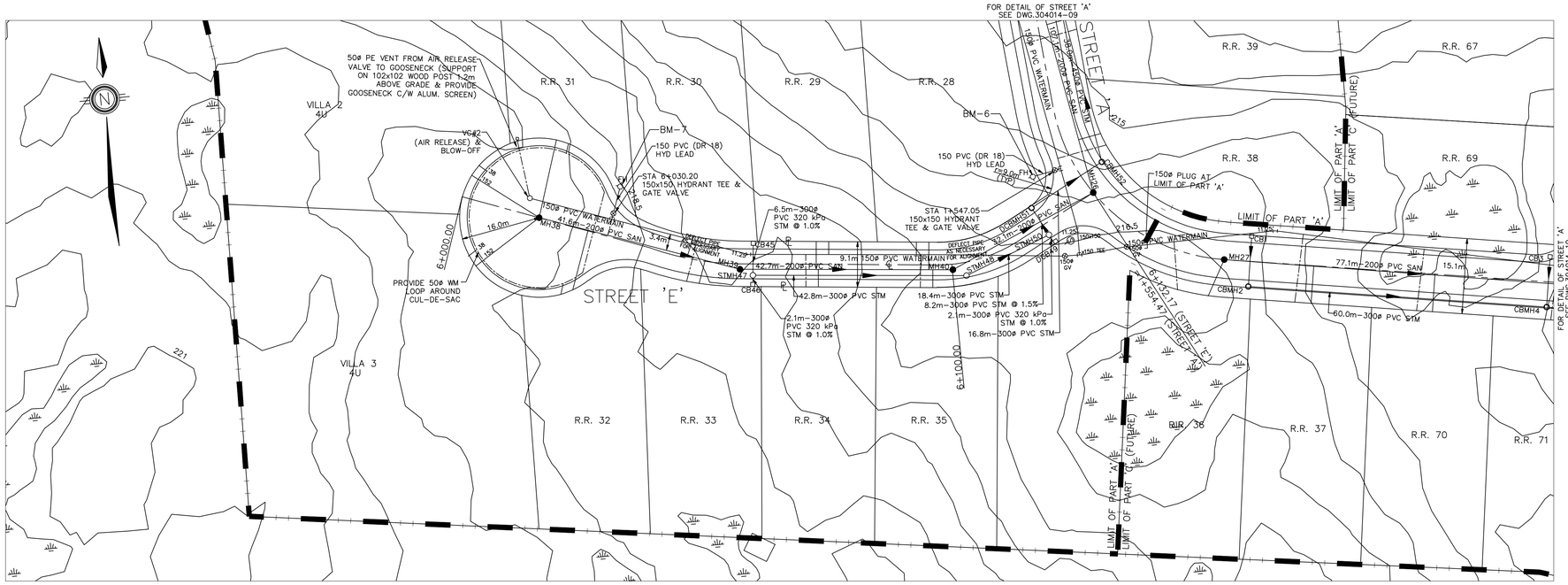


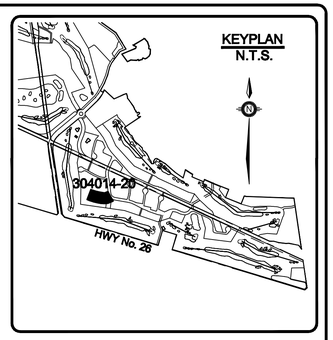
BM-6
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE INTERSECTION OF RANKINS CRESCENT AND STUART COURT, LOCATED AT LOT 28 ELEV.=216.401

BM-7
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE WEST END OF STUART COURT LOCATED AT LOTS 30 AND 31. ELEV.=219.124

PLAN

SCALE 1:500

"AS CONSTRUCTED"



STORMWATER MANAGEMENT SYSTEM STRUCTURES

CB45
STA 6+060.00; O/S 4.32m LT.
T/G = 217.811
600x600, OPSD-705.010, F&G, OPSD-400.030
INV S = 216.32

STMH47
STA 6+060.00; O/S 2.2m RT.
T/G = 217.906
1200ø, OPSD-701.010; F&G,OPSD-401.010, TYPE 'B'
INV N = 216.39
INV S = 216.28
INV E = 216.18

CB46
STA 6+060.00; O/S 4.32m RT.
T/G = 217.811
600x600, OPSD-705.010, F&G, OPSD-400.030
INV N = 216.30

STMH48
STA 6+102.50; O/S 2.68m LT.
T/G = 216.239
1200ø, OPSD-701.010; F&G, OPSD-401.010, TYPE 'B'
INV W = 214.71
INV NE = 214.67

DCBMH51
STA 6+120.00; O/S 4.32m LT.
T/G = 215.601
1500ø, OPSD-701.011(FLATCAP);
F&G, OPSD-400.020 (2)
INV SE = 213.94
INV NE = 213.91

STMH50
STA 6+120.00; O/S 4.32m RT.
T/G = 215.696
1200ø, OPSD-701.010; F&G,OPSD-401.010, TYPE 'B'
INV SW = 214.10
INV SE = 214.15
INV NW = 214.10

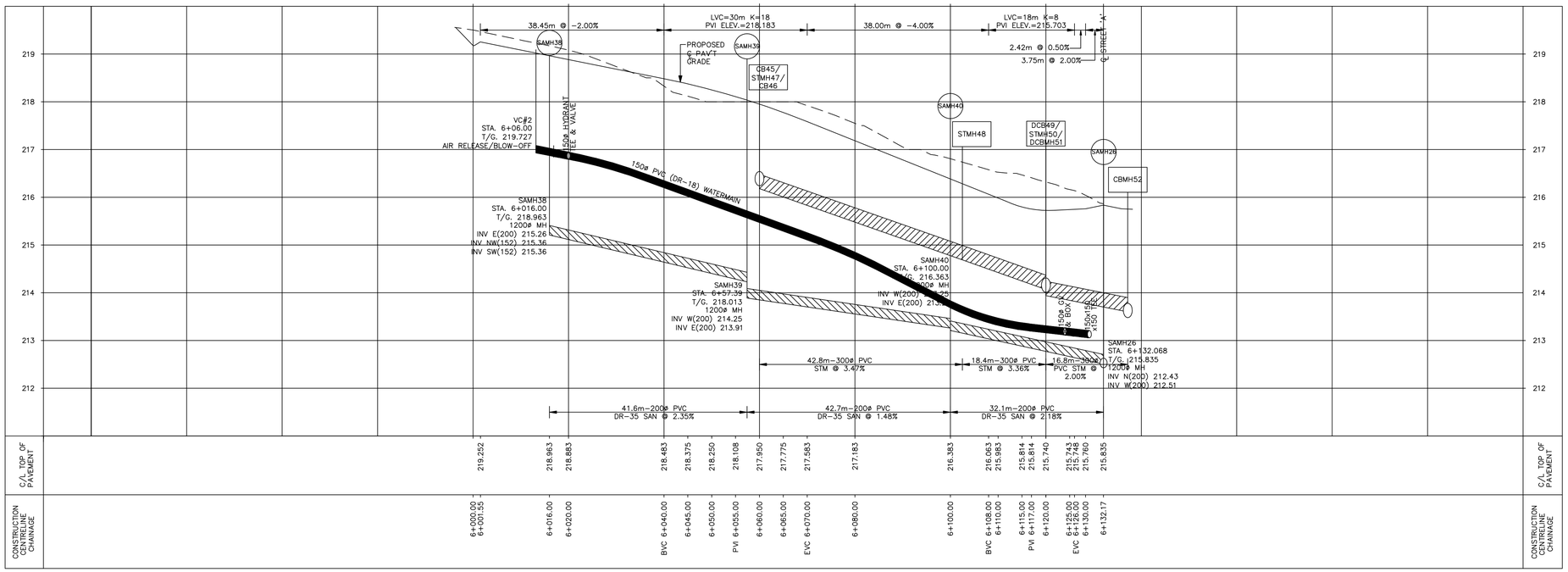
DCB49
STA 6+120.00; O/S 2.2m RT.
T/G = 215.601
600x1450, OPSD-705.020; F&G, OPSD-400.020 (2)
INV NW = 214.16

NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
-WATERMAIN OVER SEWER: 0.3m
-WATERMAIN UNDER SEWER: 0.5m

-ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
-ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
-MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-24&25
FOR LOT GRADING, SEE DWG.304014-27&28
FOR UTILITIES, SEE DWG.304014-31&32

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL
04/08/20	TENDER ISSUE

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599-3793 SINCE 1972

Title:
STREET 'E'
PLAN AND PROFILE
STATION 6+000.00 TO STATION 6+132.17

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-20**

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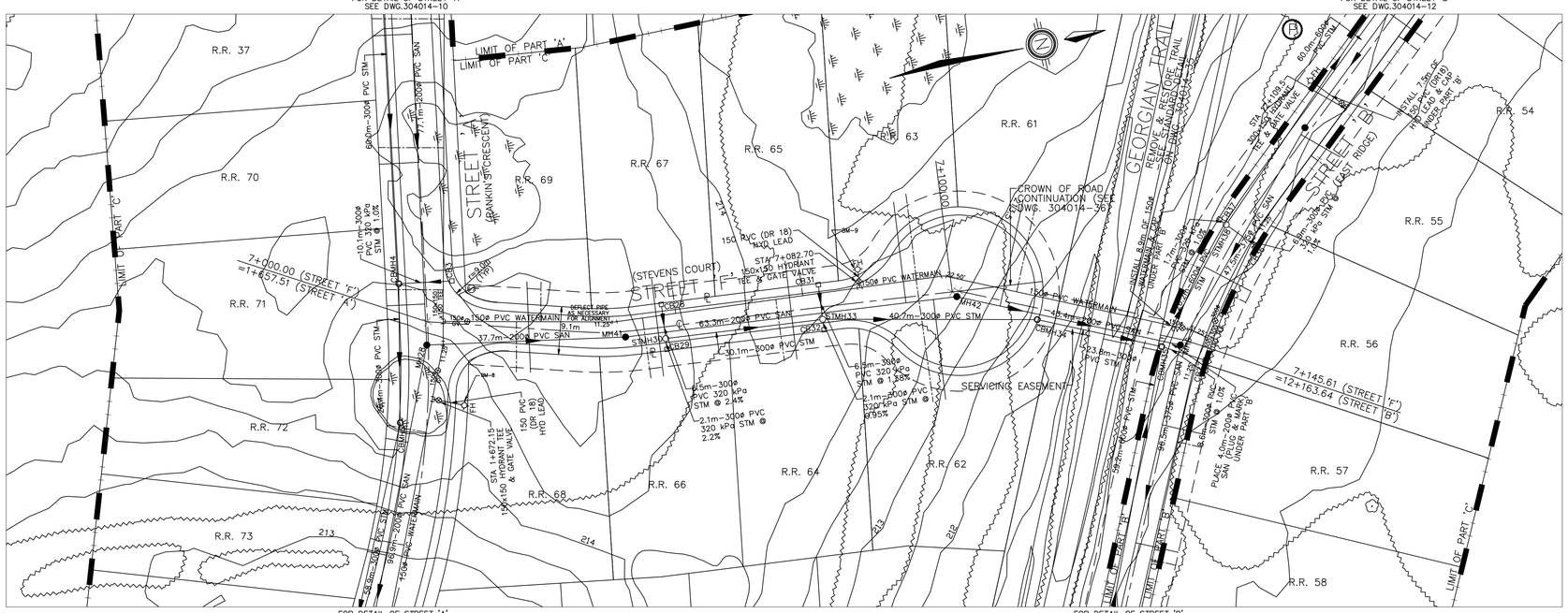


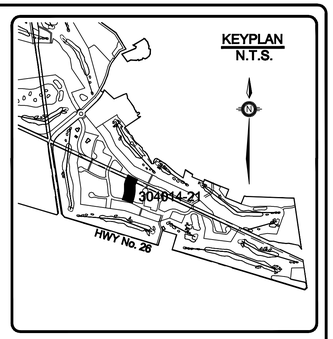
BM-8
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE INTERSECTION OF RANKINS CRESCENT AND STEVENS COURT, LOCATED AT LOT 68. ELEV.=215.148

BM-9
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT ON THE WEST SIDE OF STEVENS COURT, LOCATED AT LOTS 63 AND 65. ELEV.=214.791

PLAN

SCALE 1:500

"AS CONSTRUCTED"



STORMWATER MANAGEMENT SYSTEM STRUCTURES

CB28
STA 7+045.00; O/S 4.32 LT.
T/G = 214.551
600x600, OPSD-705.010, F&G, OPSD-400.030
INV E = 212.96

STMH30
STA 7+045.00; O/S 2.2 RT.
T/G = 214.646
1200ø, OPSD-701.010; F&G,OPSD-401.010, TYPE 'B'
INV N = 212.75
INV W = 212.82
INV E = 212.86

CB29
STA 7+045.00; O/S 4.32 RT.
T/G = 214.551
600x600, OPSD-705.010, F&G, OPSD-400.030
INV W = 212.91

CB31
STA 7+075.00; O/S 4.32 LT.
T/G = 213.947
600x600, OPSD-705.010, F&G, OPSD-400.030
INV E = 212.40

STMH33
STA 7+075.00; O/S 2.2 RT.
T/G = 214.042
1200ø, OPSD-701.010;
F&G,OPSD-401.010, TYPE 'B'
INV N = 212.30
INV S = 212.29
INV E = 212.29
INV W = 212.31

CB32
STA 7+075.00; O/S 4.32 RT.
T/G = 213.947
600x600, OPSD-705.010, F&G, OPSD-400.030
INV W = 212.32

CBMH34
STA 7+116.945; O/S 2.10 RT.
T/G = 212.947
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV SE = 211.27
INV NE = 210.07

CBMH35
STA 7+141.782; O/S 2.1m RT.
T/G = 210.653
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV NE = 209.16
INV NW = 207.85
INV SW = 209.14
INV SE = 208.16

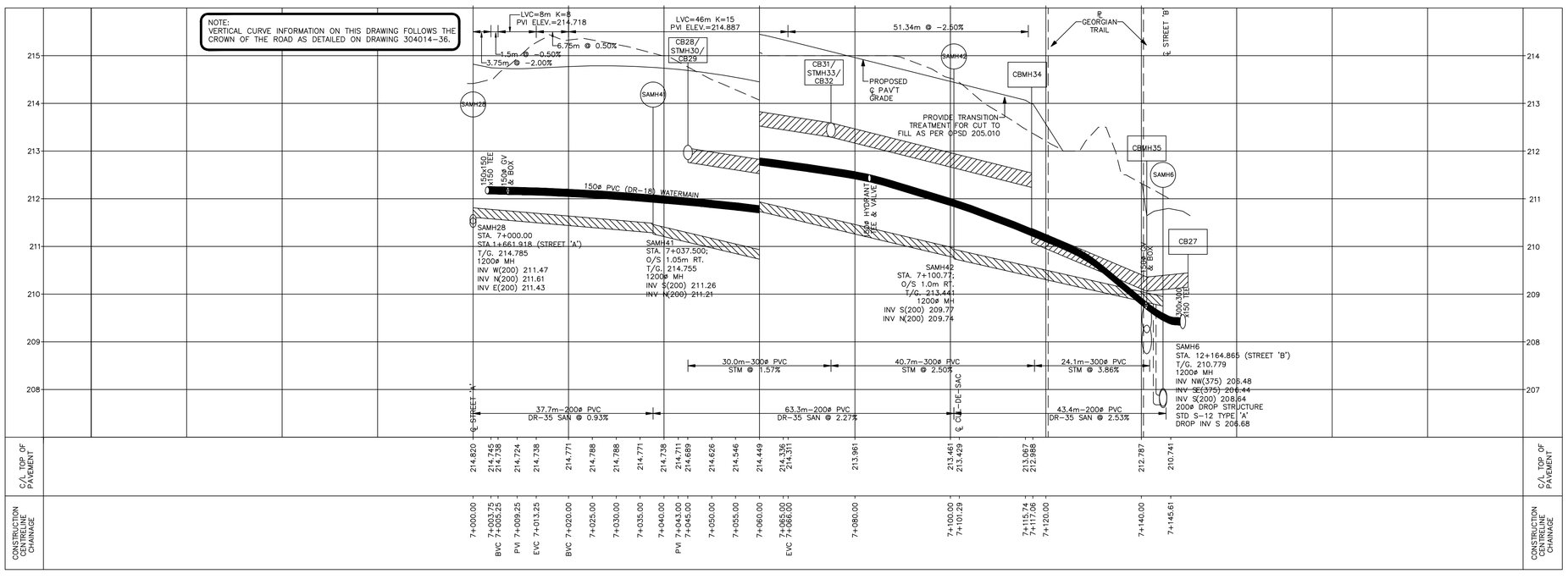
NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
-WATERMAIN OVER SEWER: 0.3m
-WATERMAIN UNDER SEWER: 0.5m

-ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
-ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
-MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

NOTE:
VERTICAL CURVE INFORMATION ON THIS DRAWING FOLLOWS THE CROWN OF THE ROAD AS DETAILED ON DRAWING 304014-36.



PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-25
FOR LOT GRADING, SEE DWG.304014-28&29
FOR UTILITIES, SEE DWG.304014-32

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/05/03	REVISED GRADES & SECTIONS
05/03/10	UPDATED STREET NAMES & NOTES
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599-3793 SINCE 1972

Title:
STREET 'F'
PLAN AND PROFILE
STATION 7+000.00 TO STATION 7+145.661

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-21**

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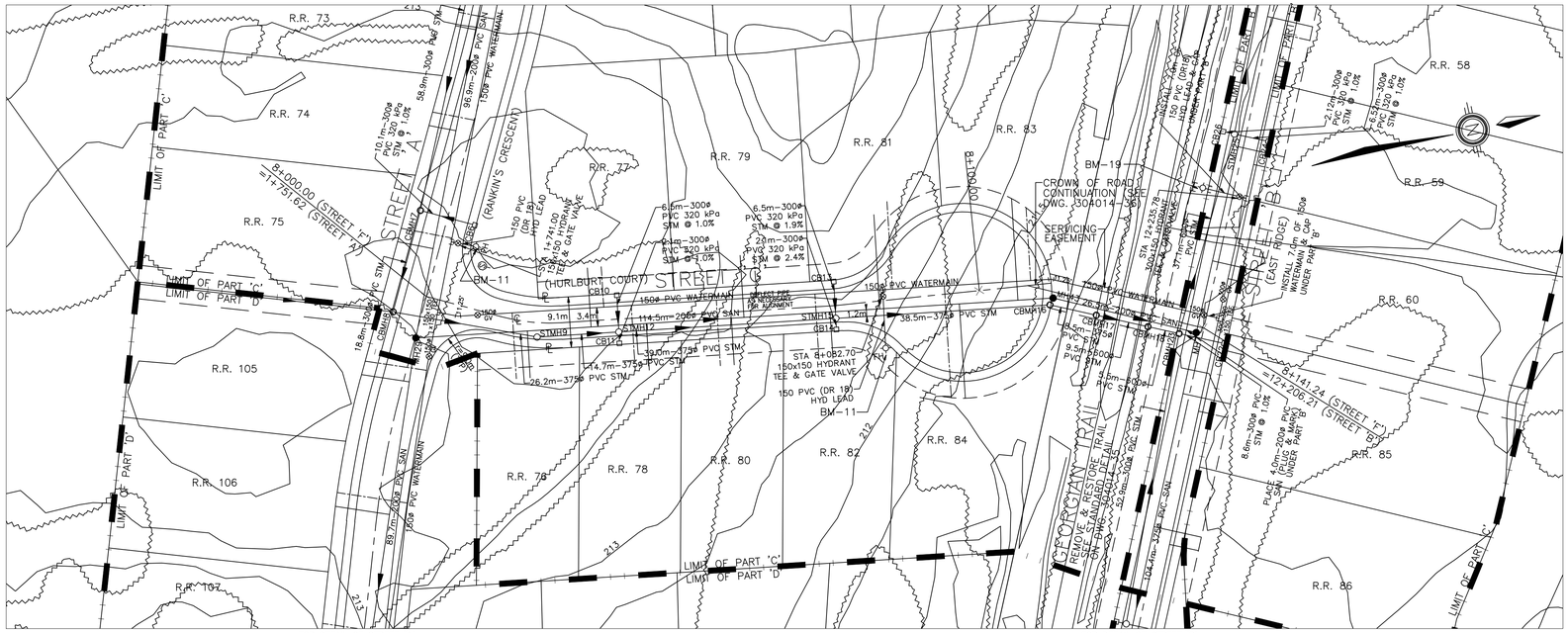


BM-10
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE INTERSECTION OF RANKINS CRESCENT AND HURLBURT COURT, LOCATED ACROSS FROM LOT 75. ELEV.=214.863

BM-11
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT ON THE EAST SIDE OF HURLBURT COURT AT LOTS 82 AND 84. ELEV.=214.076

BM-19
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE SOUTH SIDE OF EAST RIDGE ROAD ACROSS FROM LOTS 59 AND 60. ELEV.=211.100

PLAN

SCALE 1:500

"AS CONSTRUCTED"

STORMWATER MANAGEMENT SYSTEM STRUCTURES

STMH9
STA 8+020.60; O/S 2.2m RT.
T/G = 213.864
1200ø, OPSD-701.010; F&G,OPSD-401.010, TYPE 'B'
INV SW = 210.68
INV NE = 210.68

CB10
STA 8+035.00; O/S 4.32m LT
T/G = 213.597
600x600, OPSD-705.010, F&G, OPSD-400.030
INV E = 210.97

CB11
STA 8+035.00; O/S 4.32m RT
T/G = 213.597
600x600, OPSD-705.010, F&G, OPSD-400.030
INV W = 210.87

STMH12
STA 8+035.00; O/S 2.2m RT
T/G = 213.692
1200ø, OPSD-701.010; F&G,OPSD-401.010, TYPE 'B'
INV N = 210.49
INV S = 210.49
INV E = 210.87
INV W = 210.87

CB13
STA 8+074.00; O/S 4.32m LT
T/G = 213.312
600x600, OPSD-705.010, F&G, OPSD-400.030
INV S = 210.46

CB14
STA 8+074.00; O/S 4.32m RT.
T/G = 213.312
600x600, OPSD-705.010, F&G, OPSD-400.030
INV N = 210.41

STMH15
STA 8+074.00; O/S 2.2m RT.
T/G = 213.407
1200ø, OPSD-701.010; F&G,OPSD-401.010, TYPE 'B'
INV N = 209.84
INV S = 209.87
INV E = 210.36
INV W = 210.34

CBMH16
STA 8+113.45; O/S 2.2m RT.
T/G = 212.220
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV S = 209.14
INV N = 209.06

CBMH17
STA 8+121.95; O/S 2.2m RT.
T/G = 211.000
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV SW = 208.79
INV NE = 208.60

CBMH18
STA 8+131.95; O/S 2.2m RT.
T/G = 211.000
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV SW = 208.55
INV NE = 208.57

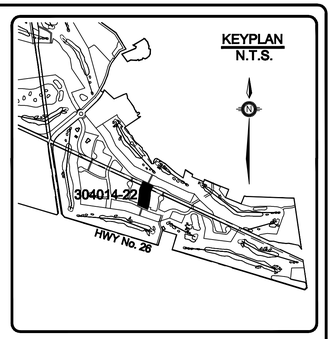
CBMH23
STA 8+137.22; O/S 2.1m RT.
T/G = 210.387
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV NE = 208.76
INV NW = 208.45
INV SW = 208.52
INV SE = 208.75

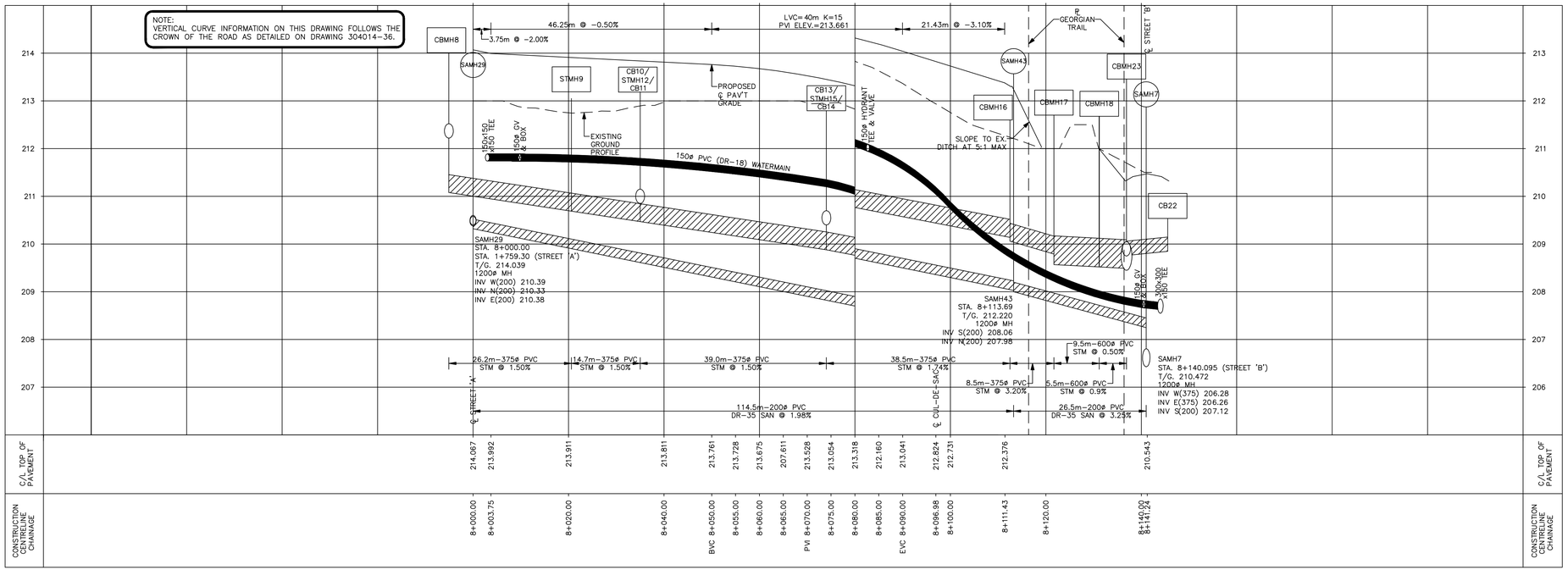
NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
-WATERMAIN OVER SEWER: 0.3m
-WATERMAIN UNDER SEWER: 0.5m

-ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
-ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
-MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.





PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-25
FOR LOT GRADING, SEE DWG.304014-29
FOR UTILITIES, SEE DWG.304014-32

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/05/03	REVISED GRADES & SECTIONS
05/05/03	REVISED GRADES & SECTIONS
05/03/10	UPDATED STREET NAMES & NOTES
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599-3793 SINCE 1972

Title:
STREET 'G'
PLAN AND PROFILE
STATION 8+000.00 TO STATION 8+141.24

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-22**

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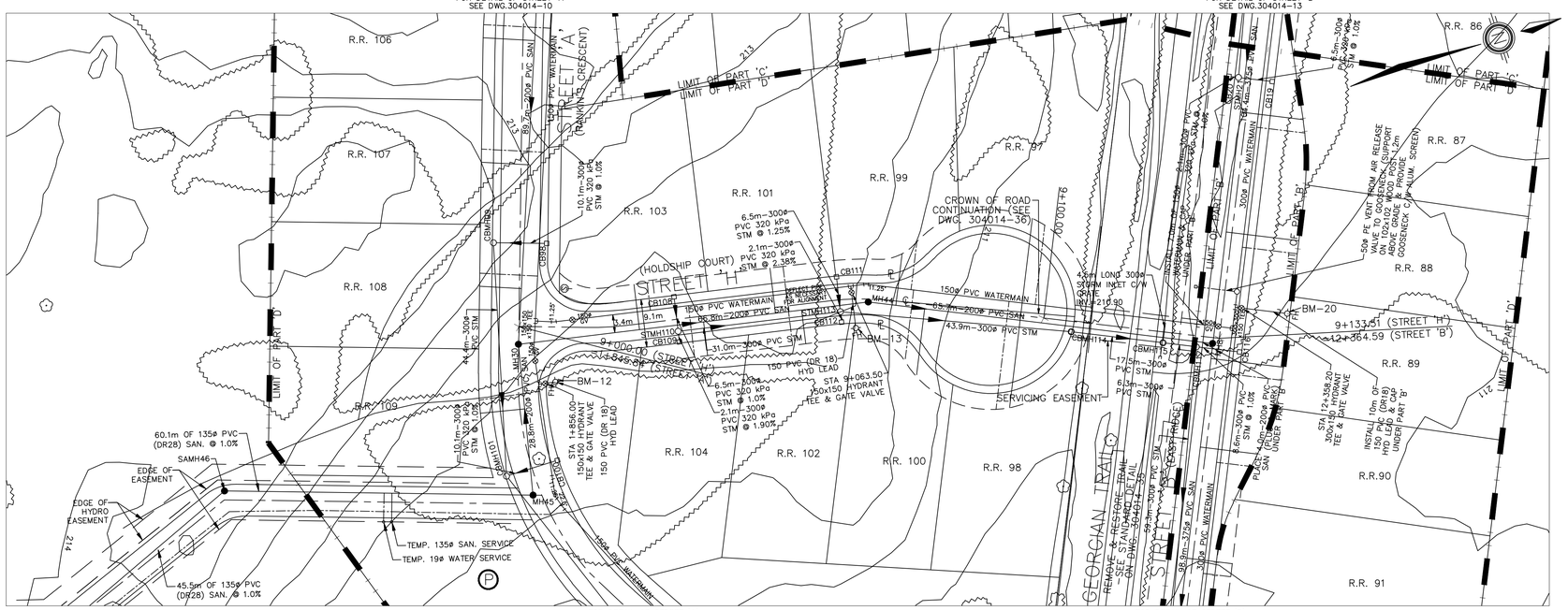


BM-12
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE INTERSECTION OF RANKINS CRESCENT AND HOLDSHIP COURT, LOCATED ACROSS FROM LOT 109. ELEV.=213.355

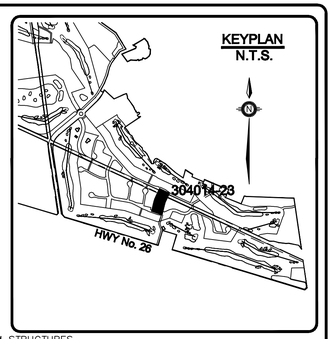
BM-13
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT ON THE EAST SIDE OF HOLDSHIP COURT LOCATED AT LOTS 100 AND 102. ELEV.=213.546

BM-20
TOP OF 100mmø DIAMETER PUMPER ARM (BLACK ARM) ON FIRE HYDRANT AT THE NORTH SIDE OF EAST RIDGE ROAD LOCATED AT LOTS 88 AND 89. ELEV.=211.593

PLAN

SCALE 1:500

"AS CONSTRUCTED"



STORMWATER MANAGEMENT SYSTEM STRUCTURES

CB108
STA 9+030.00; O/S 4.32m LT.
T/G = 212.879
600x600, OPSD-705.010, F&G, OPSD-400.030
INV S = 211.32

STMH110
STA 9+030.00; O/S 2.2m RT.
T/G = 212.974
1200ø, OPSD-701.010; F&G,OPSD-401.010, TYPE 'B'
INV N = 211.15
INV W = 211.25
INV E = 211.22

CB109
STA 9+030.00; O/S 4.32m RT.
T/G = 212.879
600x600, OPSD-705.010, F&G, OPSD-400.030
INV W = 211.26

CB111
STA 9+061.00; O/S 4.32m LT.
T/G = 212.681
600x600, OPSD-705.010, F&G, OPSD-400.030
INV E = 211.16

STMH113
STA 9+061.00; O/S 2.2m RT.
T/G = 212.776
1200ø, OPSD-701.010;
F&G,OPSD-401.010, TYPE 'B'
INV N = 210.85
INV S = 210.87
INV E = 211.04
INV W = 211.08

CB112
STA 9+061.00; O/S 4.32m RT.
T/G = 212.681
600x600, OPSD-705.010, F&G, OPSD-400.030
INV W = 211.09

CBMH114
STA 9+105.50; O/S 2.1m RT.
T/G = 211.992
1200ø, OPSD-701.010; F&G, OPSD-400.030
INV SW = 210.42
INV NE = 210.42

CBMH115
STA 9+123.00; O/S 2.1m RT.
T/G = 211.000
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV SW = 210.12
INV NE = 209.45
INV W = 209.86

CBMH117
STA 9+129.35; O/S 2.1m RT.
T/G = 211.000
1200mmø, OPSD-701.010, F&G, OPSD-400.030
INV NE = 209.27
INV SW = 209.20
INV SE = 209.12

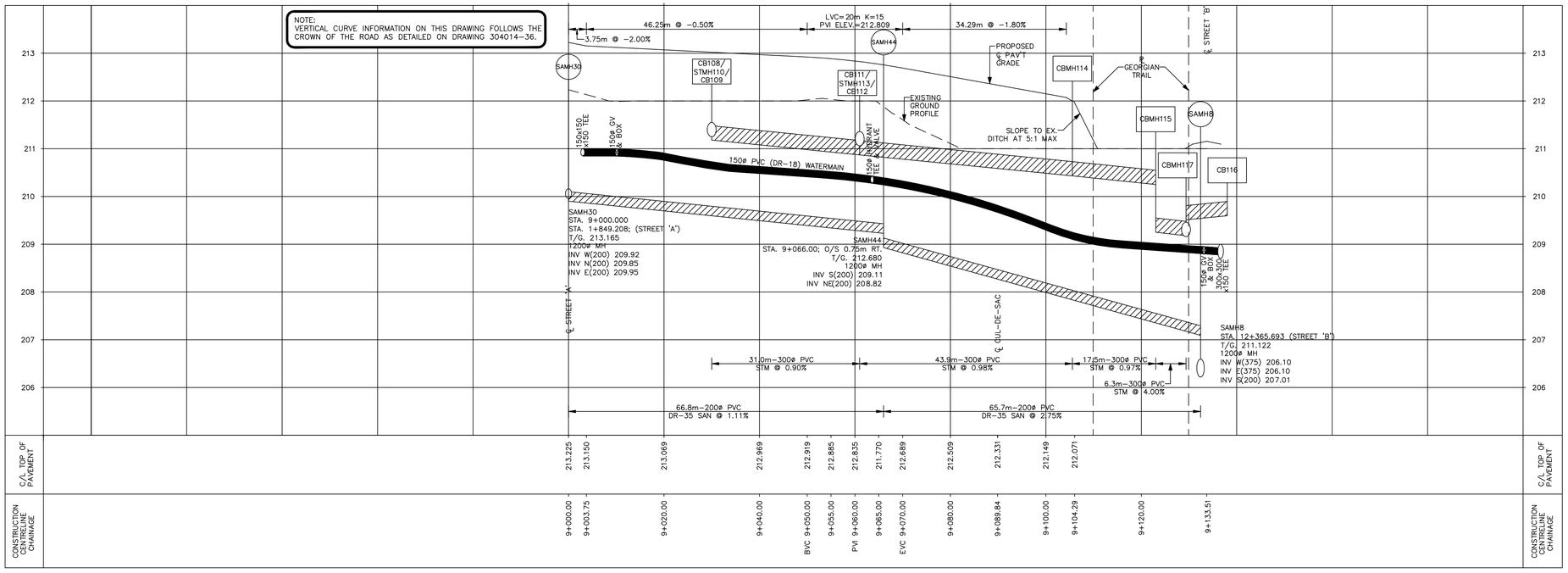
NOTE:
MINIMUM OUTSIDE OF PIPE CLEARANCE FOR WATERMAIN & SEWER
-WATERMAIN OVER SEWER: 0.3m
-WATERMAIN UNDER SEWER: 0.5m

-ALL SANITARY LATERALS 135ø PVC (DR28) UNLESS NOTED OTHERWISE
-ALL WATER SERVICES 19ø PE SERVICE TUBING (160 PSI) UNLESS NOTED OTHERWISE
-MIN HORIZONTAL PIPE CLEARANCE BETWEEN WM & SAN/STM IS 2.5m

BENCH MARK:
TABLET IN TOP OF ROCK, FLAT BOULDER, IN A FIELD, ON SW SIDE HIGHWAY No.26, 0.3 MILE NW OF KENWOOD DR.
ELEVATION=231.320

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

NOTE:
VERTICAL CURVE INFORMATION ON THIS DRAWING FOLLOWS THE CROWN OF THE ROAD AS DETAILED ON DRAWING 304014-36.



PROFILE

SCALE H=1:500, V=1:50

FOR ALIGNMENT, SEE DWG.304014-25
FOR LOT GRADING, SEE DWG.304014-29
FOR UTILITIES, SEE DWG.304014-32

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS
05/05/03	REVISED GRADES & SECTIONS
05/03/10	UPDATED STREET NAMES & NOTES
05/01/21	REVISED LOT LAYOUT & GRADING
04/10/05	REVISED AS PER TOWN COMMENTS
04/09/15	SUBMITTED FOR TOWN APPROVAL

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519) 599-3793 SINCE 1972

Title:
STREET 'H'
PLAN AND PROFILE
STATION 9+000.00 TO STATION 9+133.51

Client: **THE LORA BAY CORPORATION**

Design:	JSW/BRG	Scale:	AS SHOWN
Drawn:	BRG	Approved:	
Checked:	DMR		
Date:	JUNE/04		Design Engineer

DRAWING No. **304014-23**

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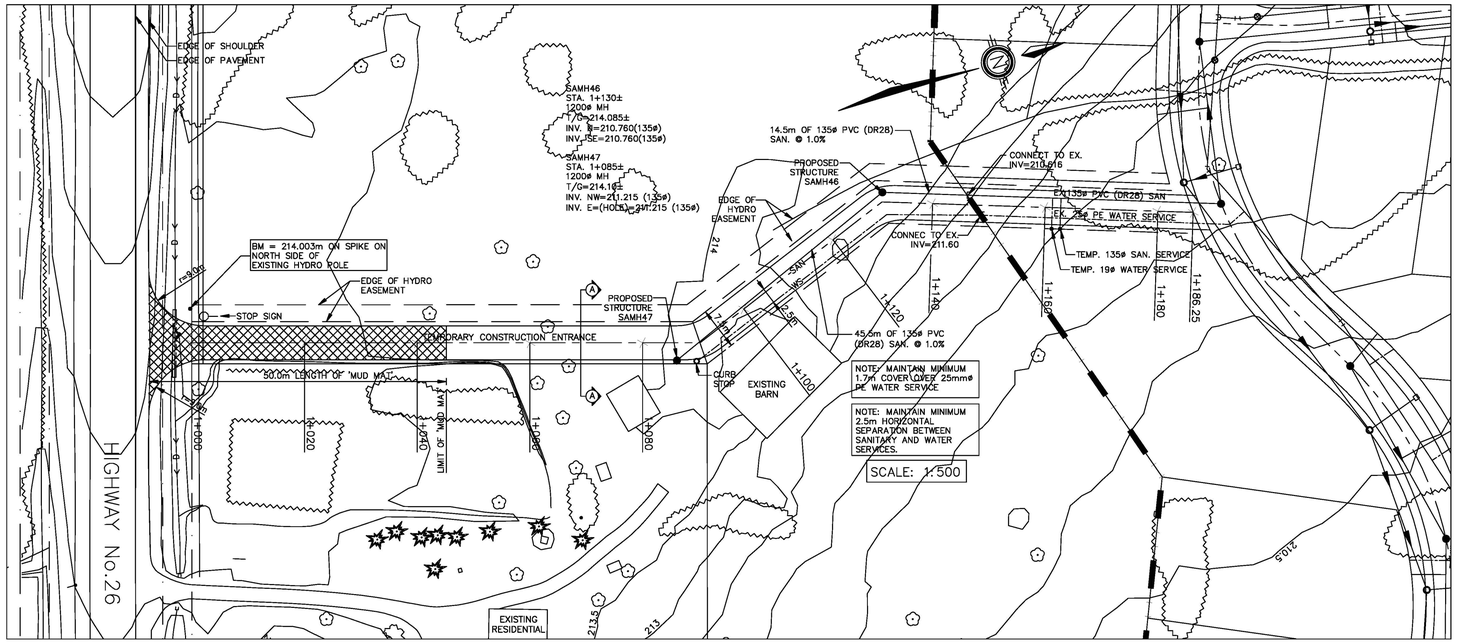
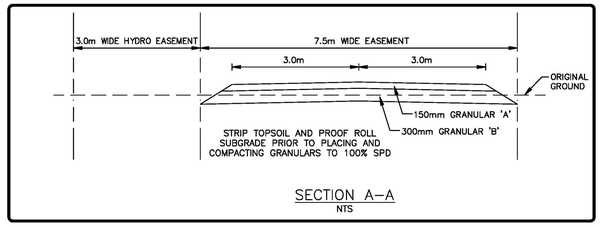
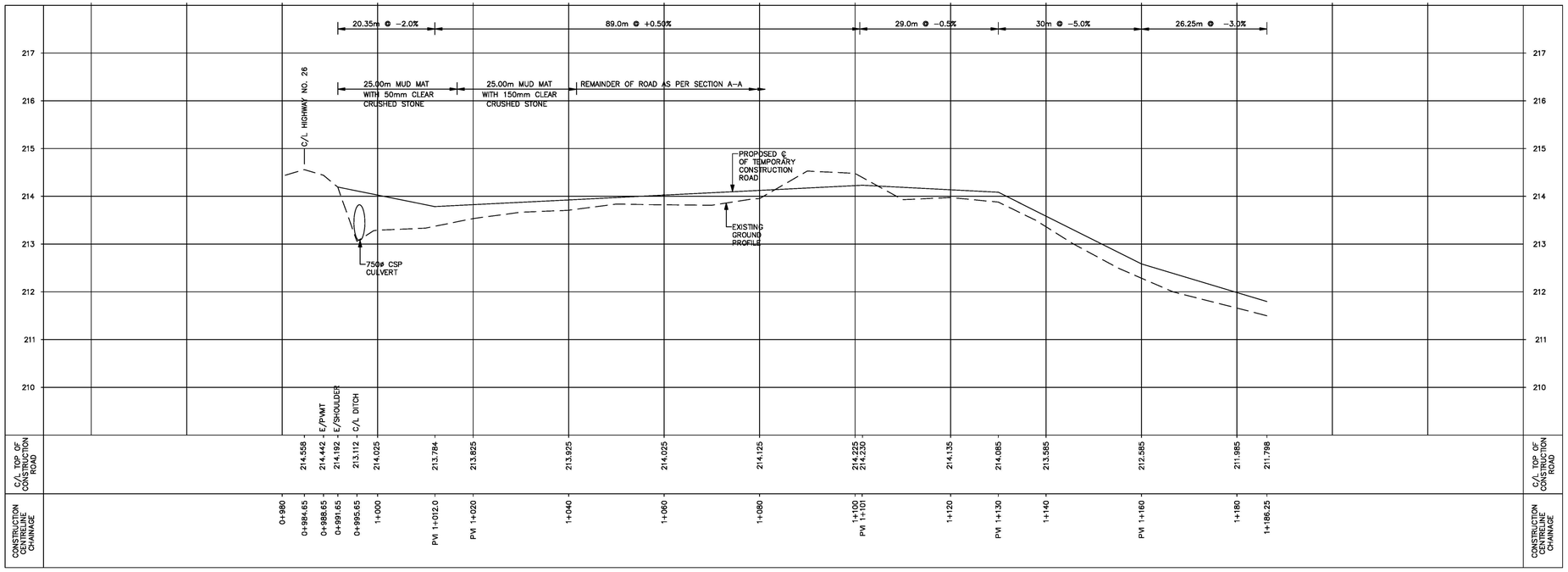


PLAN

SCALE 1:500



SECTION A–A
NTS



PROFILE

SCALE H=1:500, V=1:50

DATE	DESCRIPTION
06/04/04	"AS CONSTRUCTED" DRAWINGS

REVISION / ISSUE

Seal not valid unless signed and dated

HENDERSON, PADDON
& ASSOCIATES LIMITED
CONSULTING ENGINEERS
OWEN SOUND ◆ THE BLUE MOUNTAINS
PHONE (519)599-3793 SINCE 1972

Title:
SERVICE EASEMENT
CONSTRUCTION ENTRANCE
LORA BAY RESIDENTIAL

Client: **THE LORA BAY CORPORATION**

Design:	PCC	Scale:	1:500
Drawn:	BRG	Approved:	
Checked:	PCC		
Date:	AUG/05		Design Engineer

DRAWING No. **304014-SE**

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