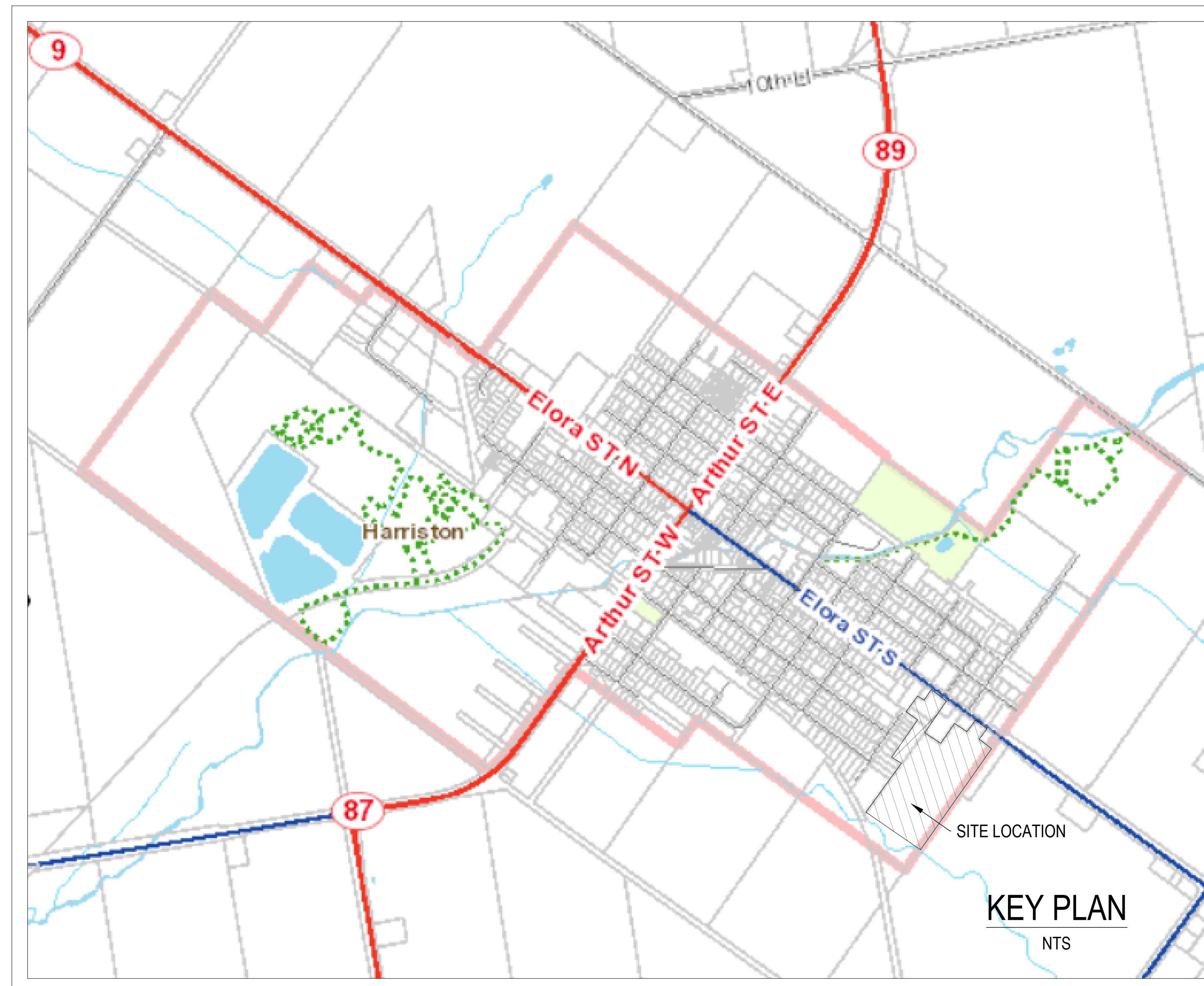


# HARRISTON SUBDIVISION

## TOWN OF MINTO

PROJECT No. 191-103

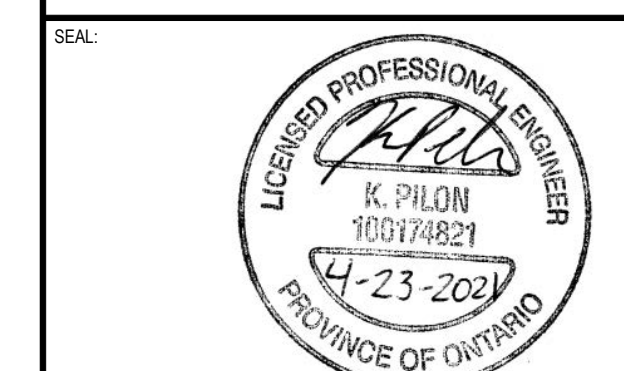
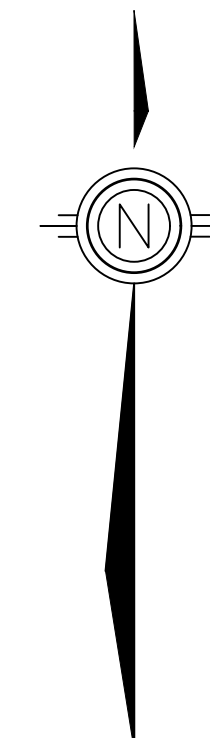


### DRAWING LIST

TITLE-1	TITLE SHEET AND DRAWING LIST
SP-1	PROPOSED SITE PLAN
PRE-1	STORM DRAINAGE PLAN PRE DEVELOPMENT CONDITIONS
POST-1	OVERALL STORM DRAINAGE PLAN POST DEVELOPMENT CONDITIONS
POST-2	STORM DRAINAGE PLAN POST DEVELOPMENT CONDITIONS
SAN-1	SANITARY DRAINAGE PLAN
SERV-1	GENERAL SERVICING PLAN
GRAD-1	PROPOSED SITE GRADING PLAN, OVERALL
GRAD-2	PROPOSED SITE GRADING PLAN, SOUTH END
GRAD-3	PROPOSED SITE GRADING PLAN, NORTH END
GRAD-4	SEDIMENT AND EROSION CONTROL PLAN

**ISSUED FOR  
DRAFT PLAN APPROVAL**

DATE: APRIL 2021



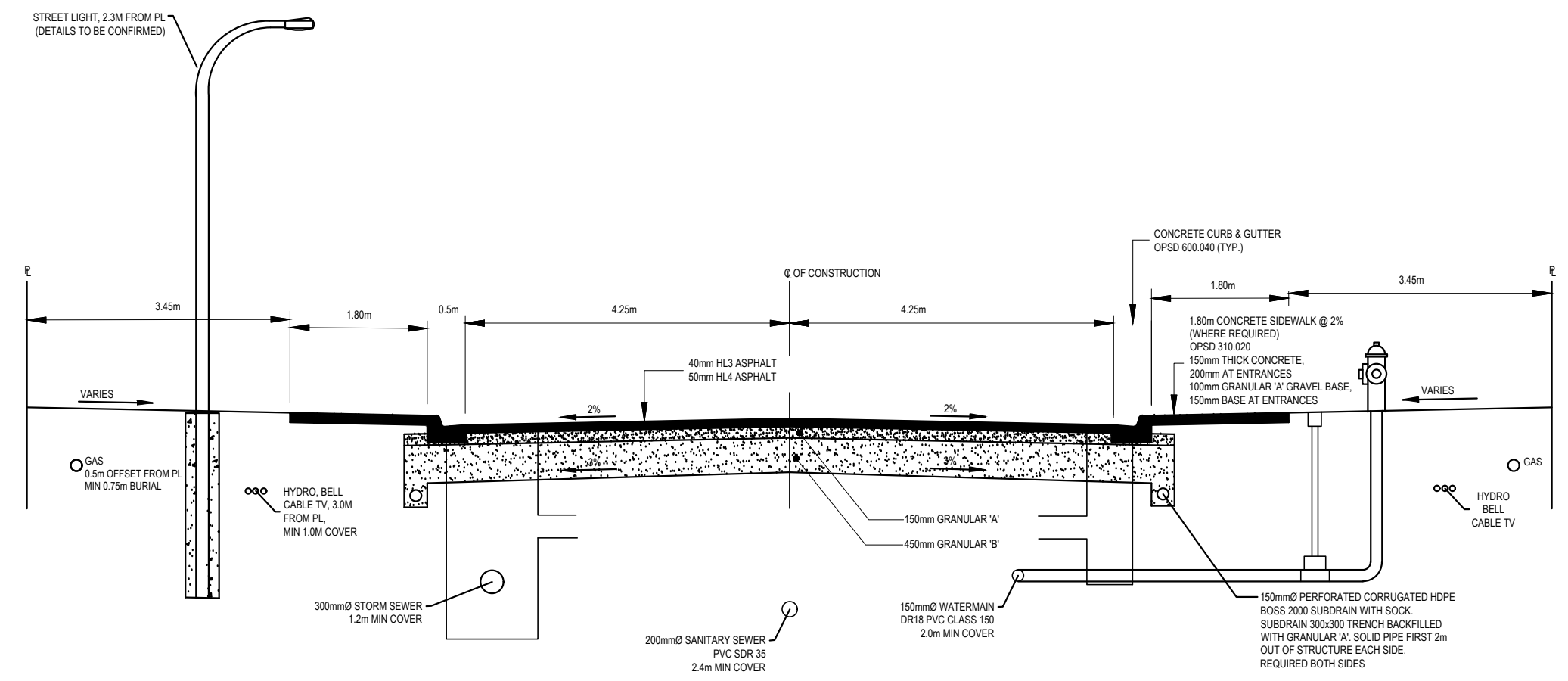
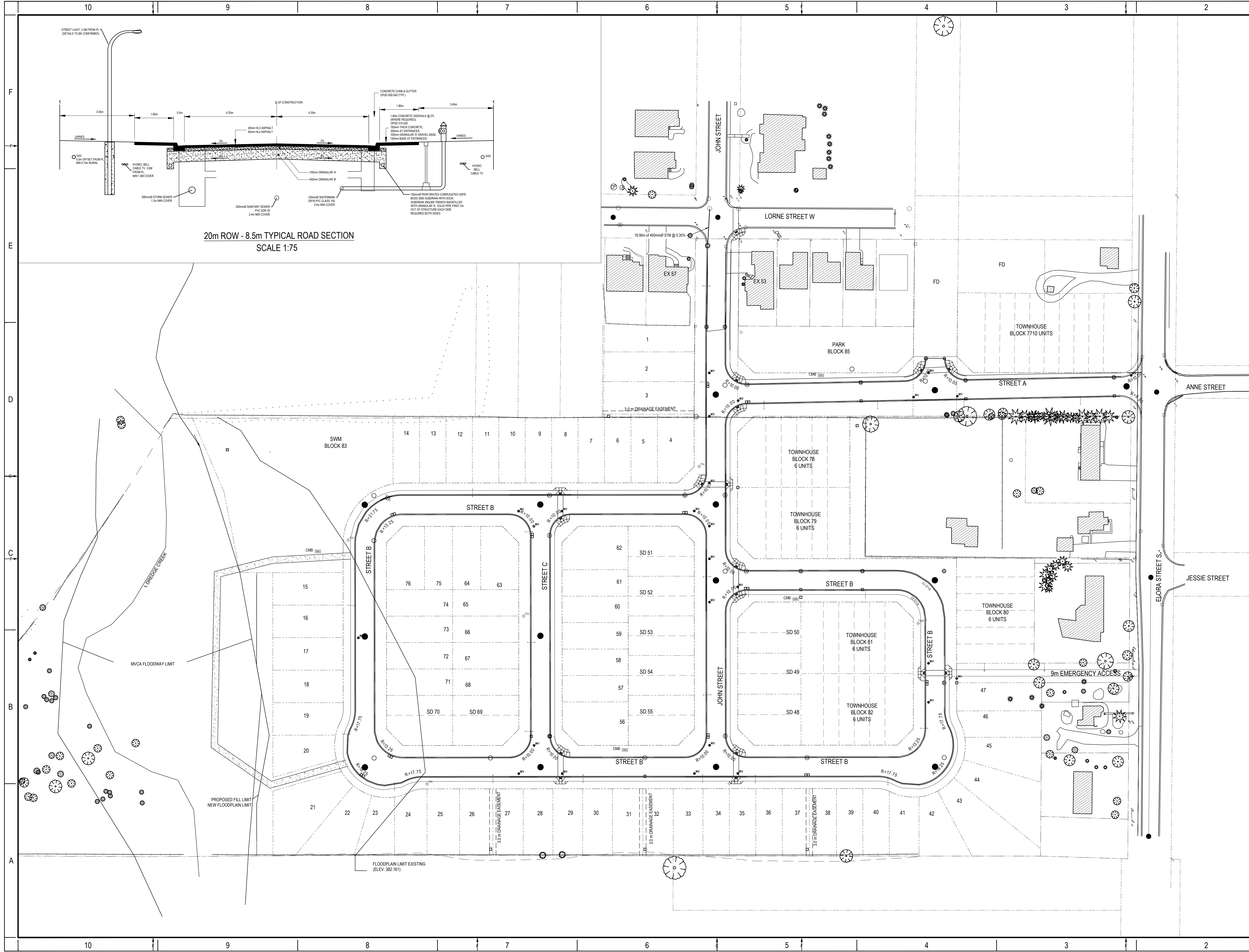
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IS	RE	DATE	DESCRIPTION
2	0	04-20-2021	SECOND SUBMISSION - DRAFT PLAN
1	0	01-20-2020	FIRST SUBMISSION

PROJECT NO: 191-103	DATE: APRIL 2021
ORIGINAL SCALE: NTS	IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE.
DESIGNED BY: K.PILON	
DRAWN BY: K.PILON	
CHECKED BY:	

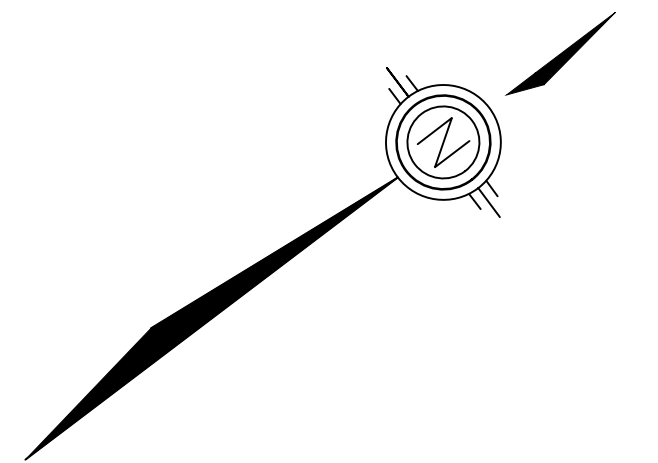
TITLE:  
TITLE SHEET AND DRAWING LIST  
HARRISTON

SHEET NUMBER:  
TITLE-1



**PRELIMINARY**

NOT FOR CONSTRUCTION



BENCHMARK: ELEV. 382.441M  
BRASS PLUG (BENCHMARK #11) IN CONCRETE  
SEWAGE ACCESS ON THE WEST SIDE  
OF LORNE ST. (CGVD 2013)  
SURVEY BY AUTOMATED ENGINEERING 2018



**MOOREFIELD**  
excavating

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CANADA N0G 1Z0  
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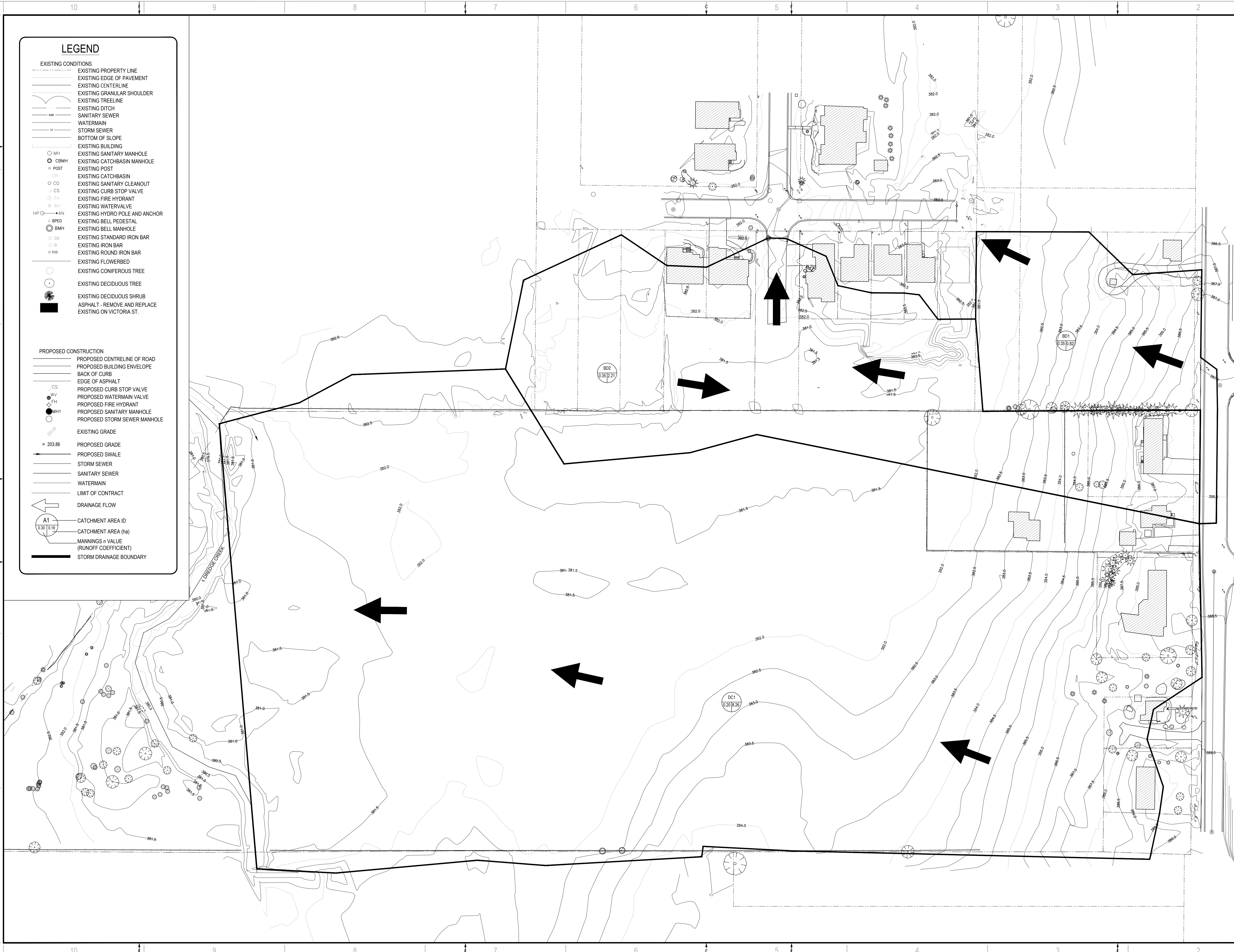
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IS	RE	DATE	DESCRIPTION
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1	0	01-20-2020	FIRST SUBMISSION

PROJECT NO: 191-103	DATE: APRIL 2021
ORIGINAL SCALE: 1:750	IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTING SCALE.
DESIGNED BY: K. PILON	
DRAWN BY: K. PILON	
CHECKED BY:	

TITLE:  
**PROPOSED SITE PLAN  
HARRISTON**

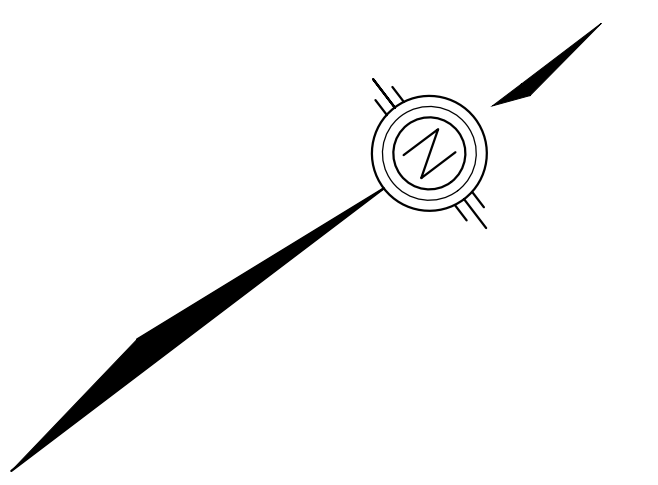
SHEET NUMBER:  
SP-1



LEGEND	
<b>EXISTING CONDITIONS</b>	
	EXISTING PROPERTY LINE
	EXISTING EDGE OF PAVEMENT
	EXISTING CENTERLINE
	EXISTING GRANULAR SHOULDER
	EXISTING TREELINE
	EXISTING DITCH
	SANITARY SEWER
	WATERMAIN
	STORM SEWER
	BOTTOM OF SLOPE
	EXISTING BUILDING
	EXISTING SANITARY MANHOLE
	EXISTING CATCHBASIN MANHOLE
	EXISTING POST
	EXISTING CATCHBASIN
	EXISTING SANITARY CLEANOUT
	EXISTING CURB STOP VALVE
	EXISTING FIRE HYDRANT
	EXISTING WATERVALVE
	EXISTING HYDRO POLE AND ANCHOR
	EXISTING BELL PEDESTAL
	EXISTING BELL MANHOLE
	EXISTING STANDARD IRON BAR
	EXISTING IRON BAR
	EXISTING ROUND IRON BAR
	EXISTING FLOWERBED
	EXISTING CONIFEROUS TREE
	EXISTING DECIDUOUS TREE
	EXISTING DECIDUOUS SHRUB
	ASPHALT - REMOVE AND REPLACE
	EXISTING ON VICTORIA ST.
<b>PROPOSED CONSTRUCTION</b>	
	PROPOSED CENTRELINE OF ROAD
	PROPOSED BUILDING ENVELOPE
	BACK OF CURB
	EDGE OF ASPHALT
	PROPOSED CURB STOP VALVE
	PROPOSED WATERMAIN VALVE
	PROPOSED FIRE HYDRANT
	PROPOSED SANITARY MANHOLE
	PROPOSED STORM SEWER MANHOLE
	EXISTING GRADE
	PROPOSED GRADE
	PROPOSED SWALE
	STORM SEWER
	SANITARY SEWER
	WATERMAIN
	LIMIT OF CONTRACT
	DRAINAGE FLOW
	CATCHMENT AREA ID
	CATCHMENT AREA (ha)
	MANNINGS n VALUE (RUNOFF COEFFICIENT)
	STORM DRAINAGE BOUNDARY

**PRELIMINARY**

NOT FOR CONSTRUCTION



BENCHMARK: ELEV. 382.441M  
BRASS PLUG (BENCHMARK #11) IN CONCRETE  
SEWAGE ACCESS ON THE WEST SIDE  
OF LORNE ST. (CGVD 2013)  
SURVEY BY AUTOMATED ENGINEERING 2018



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ISSUED FOR	REVISION	DATE	DESCRIPTION
2	0	04-20-2021	SECOND SUBMISSION - DRAFT PLAN
1	0	01-20-2020	FIRST SUBMISSION

PROJECT NO:	191-103	DATE:	APRIL 2021
ORIGINAL SCALE:	1:750	IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE.	
DESIGNED BY:	K.PILON		
DRAWN BY:	K.PILON		
CHECKED BY:			

**STORM DRAINAGE PLAN  
PRE-DEVELOPMENT CONDITIONS  
HARRISTON**

SHEET NUMBER:  
**PRE-1**

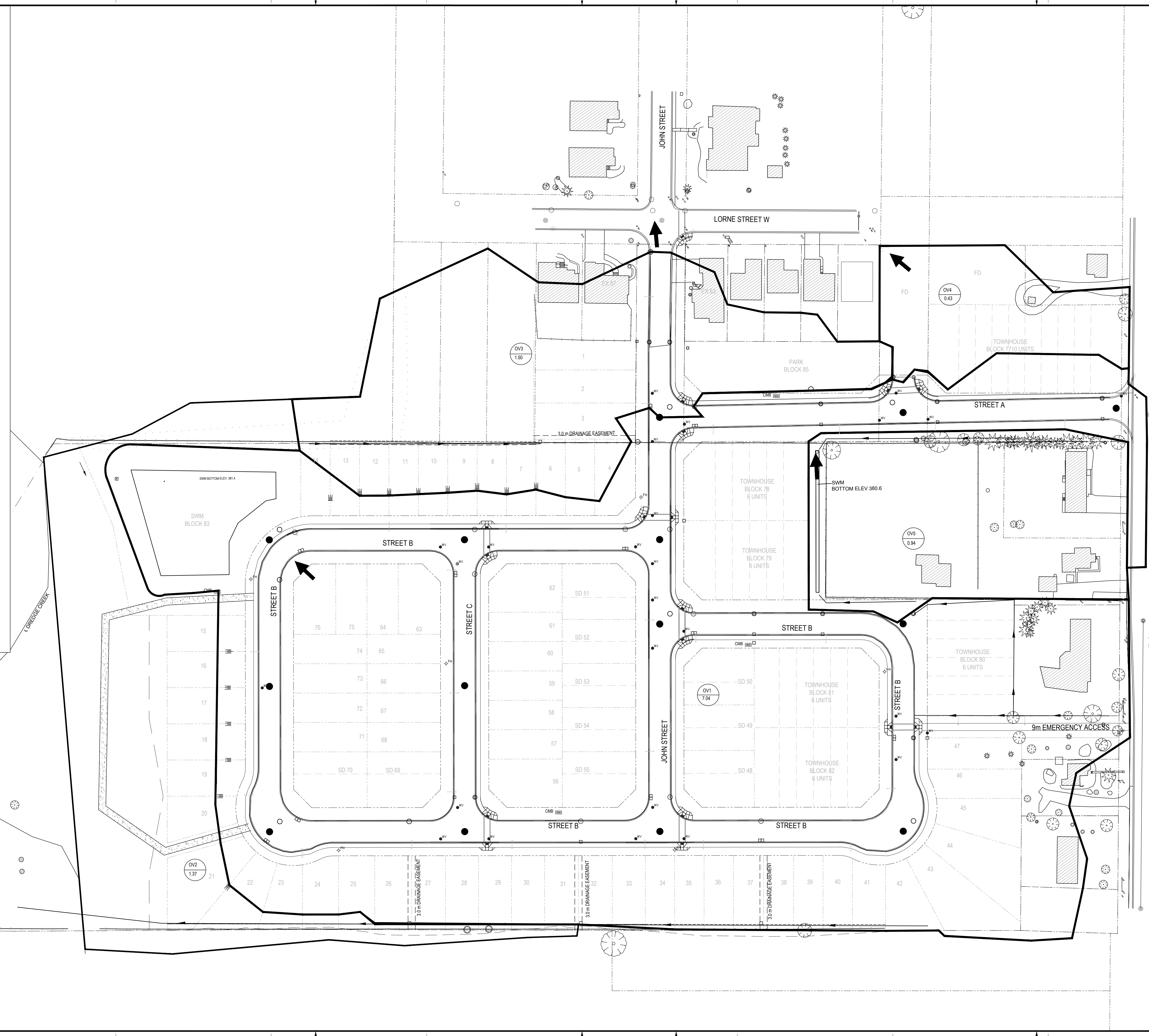
### LEGEND

**EXISTING CONDITIONS**

- EXISTING PROPERTY LINE
- EXISTING EDGE OF PAVEMENT
- EXISTING CENTERLINE
- EXISTING GRANULAR SHOULDER
- EXISTING TREELINE
- EXISTING DITCH
- SANITARY SEWER
- WATERMAIN
- STORM SEWER
- BOTTOM OF SLOPE
- EXISTING BUILDING
- EXISTING SANITARY MANHOLE
- EXISTING CATCHBASIN MANHOLE
- EXISTING POST
- EXISTING CATCHBASIN
- EXISTING SANITARY CLEANOUT
- EXISTING CURB STOP VALVE
- EXISTING FIRE HYDRANT
- EXISTING WATERVALVE
- EXISTING HYDRO POLE AND ANCHOR
- EXISTING BELL PEDESTAL
- EXISTING BELL MANHOLE
- EXISTING STANDARD IRON BAR
- EXISTING IRON BAR
- EXISTING ROUND IRON BAR
- EXISTING FLOWERBED
- EXISTING CONIFEROUS TREE
- EXISTING DECIDUOUS TREE
- EXISTING DECIDUOUS SHRUB
- ASPHALT - REMOVE AND REPLACE
- EXISTING ON VICTORIA ST.

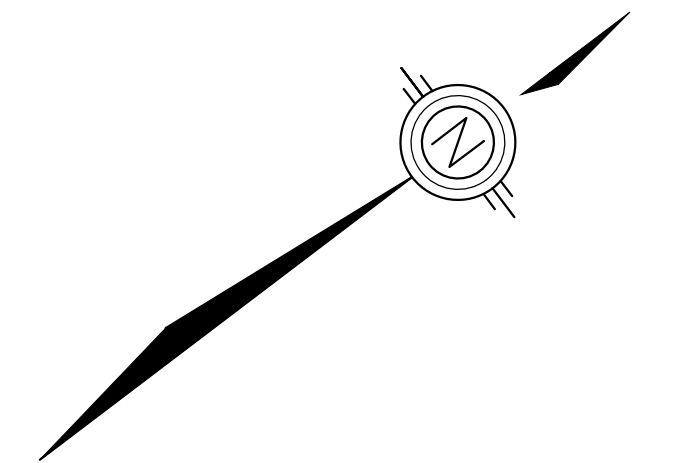
**PROPOSED CONSTRUCTION**

- PROPOSED CENTRELINE OF ROAD
- PROPOSED BUILDING ENVELOPE
- BACK OF CURB
- EDGE OF ASPHALT
- PROPOSED CURB STOP VALVE
- PROPOSED WATERMAIN VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM SEWER MANHOLE
- EXISTING GRADE
- PROPOSED GRADE
- PROPOSED SWALE
- STORM SEWER
- SANITARY SEWER
- WATERMAIN
- LIMIT OF CONTRACT
- DRAINAGE FLOW
- CATCHMENT AREA ID
- CATCHMENT AREA (ha)
- MANNINGS n VALUE (RUNOFF COEFFICIENT)
- STORM DRAINAGE BOUNDARY



**PRELIMINARY**

NOT FOR CONSTRUCTION



BENCHMARK: ELEV. 382.441M  
 BRASS PLUG (BENCHMARK #11) IN CONCRETE  
 SEWAGE ACCESS ON THE WEST SIDE  
 OF LORNE ST. (CGVD 2013)  
 SURVEY BY AUTOMATED ENGINEERING 2018



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1	0	01-20-2020	FIRST SUBMISSION

PROJECT NO:	191-103	DATE:	APRIL 2021
ORIGINAL SCALE:	1:750	IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE.	
DESIGNED BY:	K. PILON		
DRAWN BY:	K. PILON		
CHECKED BY:			

**TITLE**

OVERALL STORM DRAINAGE PLAN  
 POST-DEVELOPMENT CONDITIONS  
 HARRISTON

**SHEET NUMBER**

POST-1



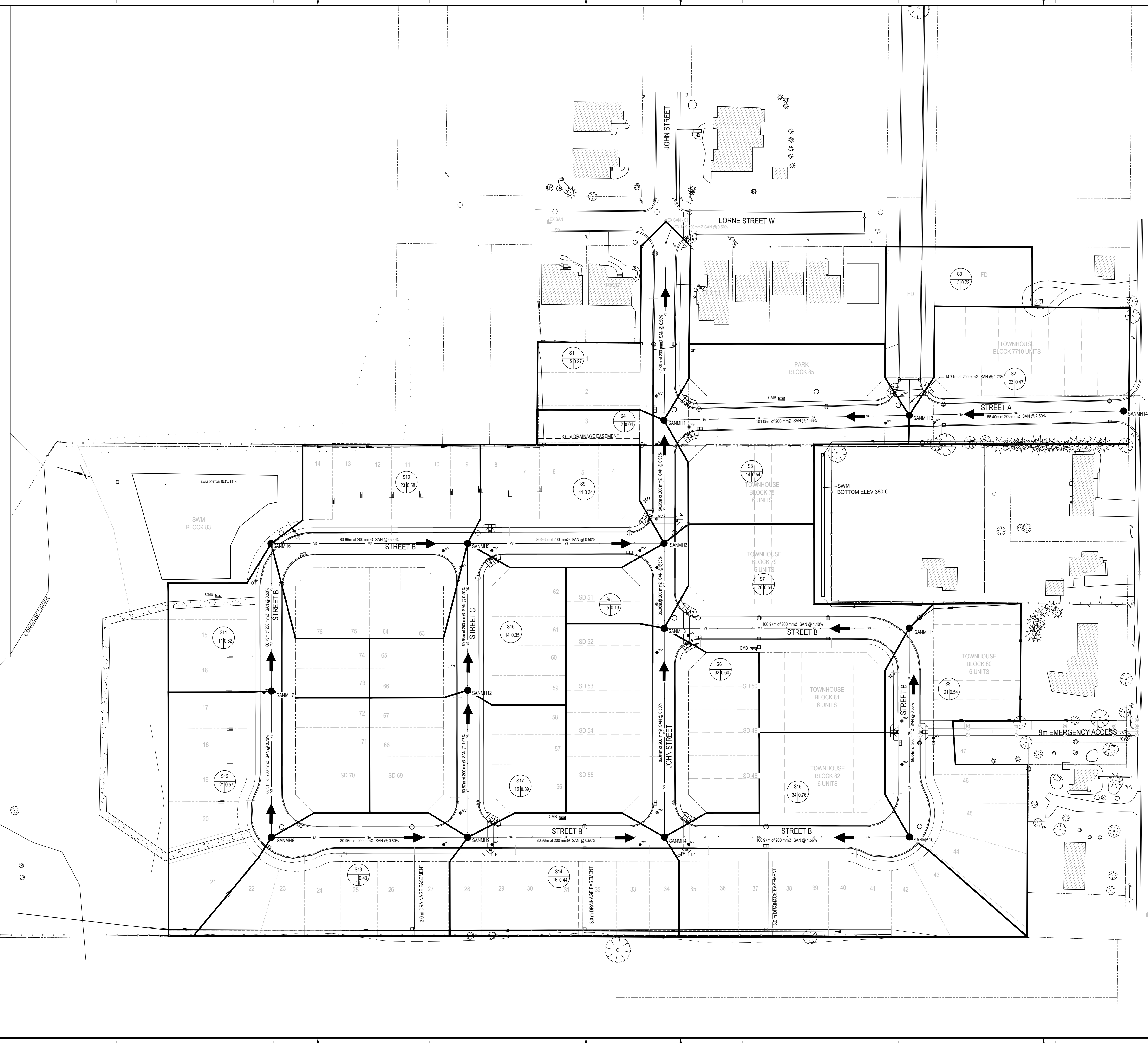
### LEGEND

**EXISTING CONDITIONS**

- EXISTING PROPERTY LINE
- EXISTING EDGE OF PAVEMENT
- EXISTING CENTERLINE
- EXISTING GRANULAR SHOULDER
- EXISTING TREETLINE
- SANITARY SEWER
- WATERMAIN
- STORMSEWER
- BOTTOM OF SLOPE
- TOP OF SLOPE
- EXISTING BUILDING
- EXISTING SANITARY MANHOLE
- EXISTING CATCHBASIN MANHOLE
- EXISTING POST
- EXISTING CATCHBASIN
- EXISTING SANITARY CLEANOUT
- EXISTING CURB STOP VALVE
- EXISTING FIRE HYDRANT
- EXISTING WATERVALVE
- EXISTING HYDRO POLE AND ANCHOR
- EXISTING BELL PEDESTAL
- EXISTING BELL MANHOLE
- EXISTING STANDARD IRON BAR
- EXISTING IRON BAR
- EXISTING ROUND IRON BAR
- EXISTING ROAD SIGN
- EXISTING TEST PIT
- EXISTING FLOWERBED
- EXISTING CONIFEROUS TREE
- EXISTING DECIDUOUS TREE
- EXISTING DECIDUOUS SHRUB
- ASPHALT
- (TO BE REMOVED AND REPLACED)

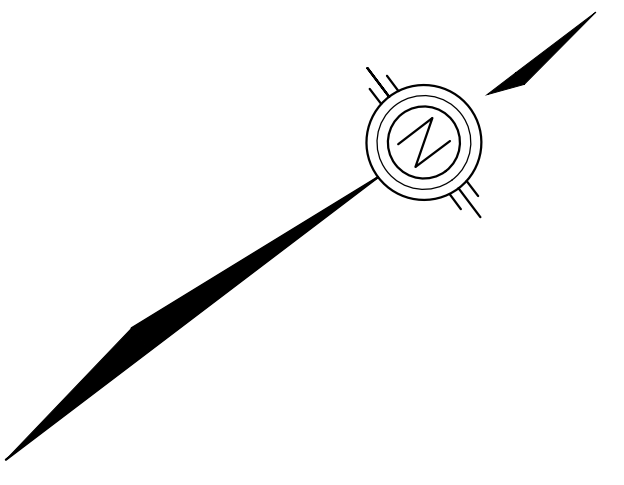
**PROPOSED CONSTRUCTION**

- PROPOSED EDGE OF SIDEWALK
- PROPOSED BUILDING ENVELOPE
- BACK OF CURB
- EDGE OF ASPHALT
- PROPOSED CURB STOP VALVE
- PROPOSED WATERMAIN VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM SEWER MANHOLE
- EXISTING GRADE
- PROPOSED GRADE
- PROPOSED CONTOURS
- PROPOSED BOTTOM OF SWALE
- STORM SEWER
- SANITARY SEWER
- WATERMAIN
- LIMIT OF CONTRACT
- DRAINAGE FLOW
- CATCHMENT AREA ID
- CATCHMENT AREA (ha)
- POPULATION
- DRAINAGE BOUNDARY



**PRELIMINARY**

NOT FOR CONSTRUCTION



BENCHMARK: ELEV. 382.441M  
BRASS PLUG (BENCHMARK #11) IN CONCRETE  
SEWAGE ACCESS ON THE WEST SIDE  
OF LORNE ST. (CGVD 2013)  
SURVEY BY AUTOMATED ENGINEERING 2018



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NO.	DATE	DESCRIPTION
1	01-20-2020	FIRST SUBMISSION
2	04-20-2021	SECOND SUBMISSION - DRAFT PLAN

PROJECT NO:	191-103	DATE:	APRIL 2021
ORIGINAL SCALE:	1:750	IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE.	
DESIGNED BY:	K. PILON		
DRAWN BY:	K. PILON		
CHECKED BY:			

**SANITARY DRAINAGE PLAN  
HARRISTON**

SHEET NUMBER  
SAN-1

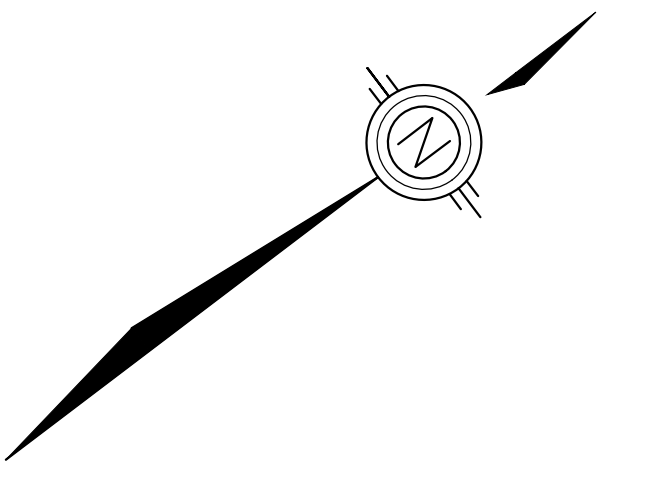
**LEGEND**

- EXISTING CONDITIONS**
- EXISTING PROPERTY LINE
  - EXISTING EDGE OF PAVEMENT
  - EXISTING CENTERLINE
  - EXISTING GRANULAR SHOULDER
  - EXISTING TREELINE
  - SANITARY SEWER
  - WATERMAIN
  - STORMSEWER
  - BOTTOM OF SLOPE
  - TOP OF SLOPE
  - EXISTING BUILDING
  - EXISTING SANITARY MANHOLE
  - EXISTING CATCHBASIN MANHOLE
  - EXISTING POST
  - EXISTING CATCHBASIN
  - EXISTING SANITARY CLEANOUT
  - EXISTING CURB STOP VALVE
  - EXISTING FIRE HYDRANT
  - EXISTING WATERVALVE
  - EXISTING HYDRO POLE AND ANCHOR
  - EXISTING BELL PEDESTAL
  - EXISTING BELL MANHOLE
  - EXISTING STANDARD IRON BAR
  - EXISTING IRON BAR
  - EXISTING ROUND IRON BAR
  - EXISTING ROAD SIGN
  - EXISTING TEST PIT
  - EXISTING FLOWERBED
  - EXISTING CONIFEROUS TREE
  - EXISTING DECIDUOUS TREE
  - EXISTING DECIDUOUS SHRUB
  - ASPHALT  
(TO BE REMOVED AND REPLACED)

- PROPOSED CONSTRUCTION**
- PROPOSED EDGE OF SIDEWALK
  - PROPOSED BUILDING ENVELOPE
  - BACK OF CURB
  - EDGE OF ASPHALT
  - PROPOSED CURB STOP VALVE
  - PROPOSED WATERMAIN VALVE
  - PROPOSED FIRE HYDRANT
  - PROPOSED SANITARY MANHOLE
  - PROPOSED STORM SEWER MANHOLE
  - EXISTING GRADE
  - PROPOSED GRADE
  - PROPOSED CONTOURS
  - PROPOSED BOTTOM OF SWALE
  - STORM SEWER
  - SANITARY SEWER
  - WATERMAIN
  - LIMIT OF CONTRACT
  - OVERLAND FLOW ROUTE
  - GRADING LIMIT

**PRELIMINARY**

NOT FOR CONSTRUCTION



BENCHMARK: ELEV. 382.411M  
BRASS PLUG (BENCHMARK #11) IN CONCRETE  
SEWAGE ACCESS ON THE WEST SIDE  
OF LORNE ST. (CGVD 2013)  
SURVEY BY AUTOMATED ENGINEERING 2018



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ISSUED FOR: REVISION

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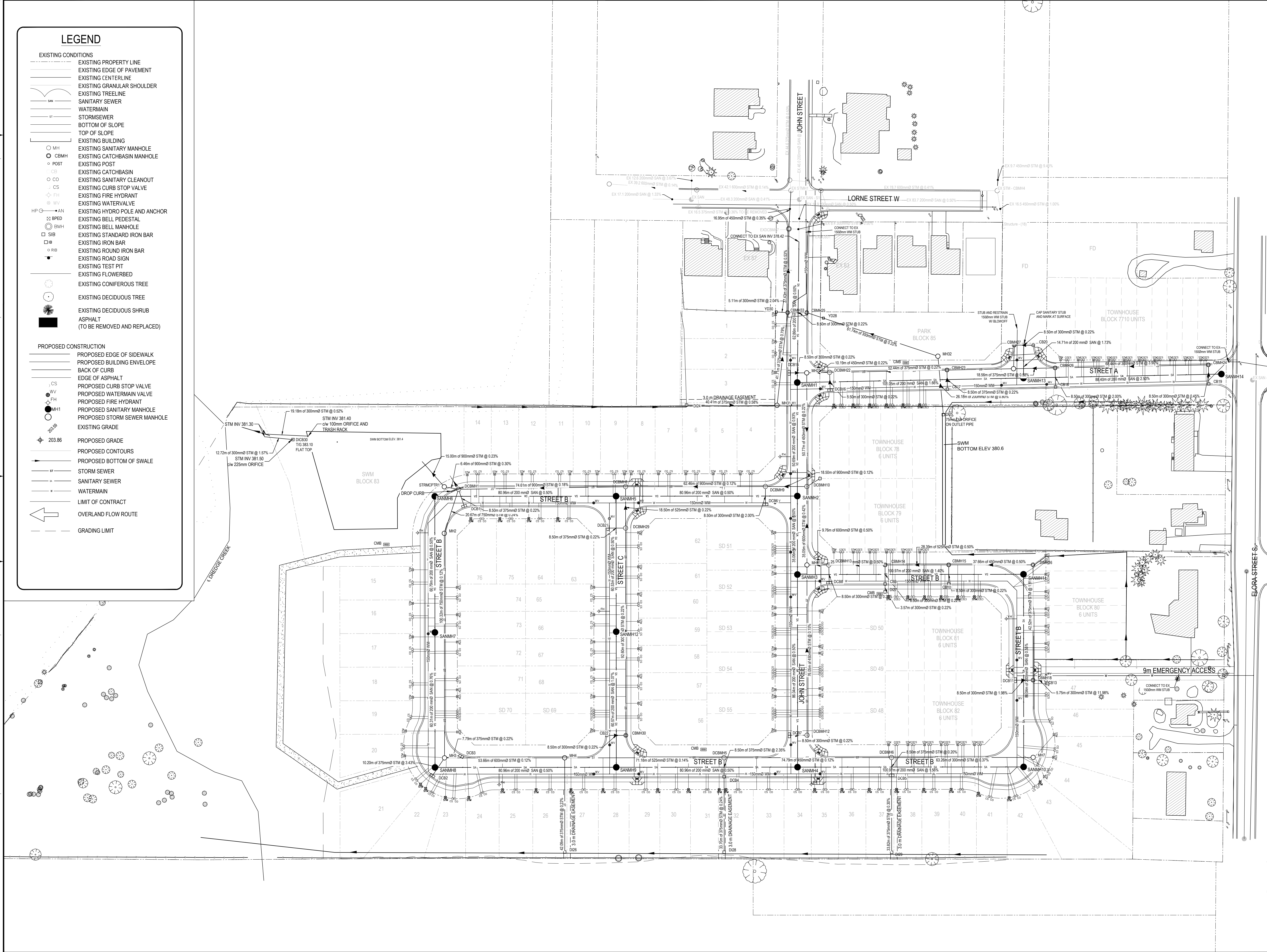
PROJECT NO: 191-103 DATE: APRIL 2021

ORIGINAL SCALE: 1:750  
IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE.

DESIGNED BY: K. PILON  
DRAWN BY: K. PILON  
CHECKED BY:

TITLE: GENERAL SERVICING PLAN  
HARRISTON

SHEET NUMBER: SERV-1





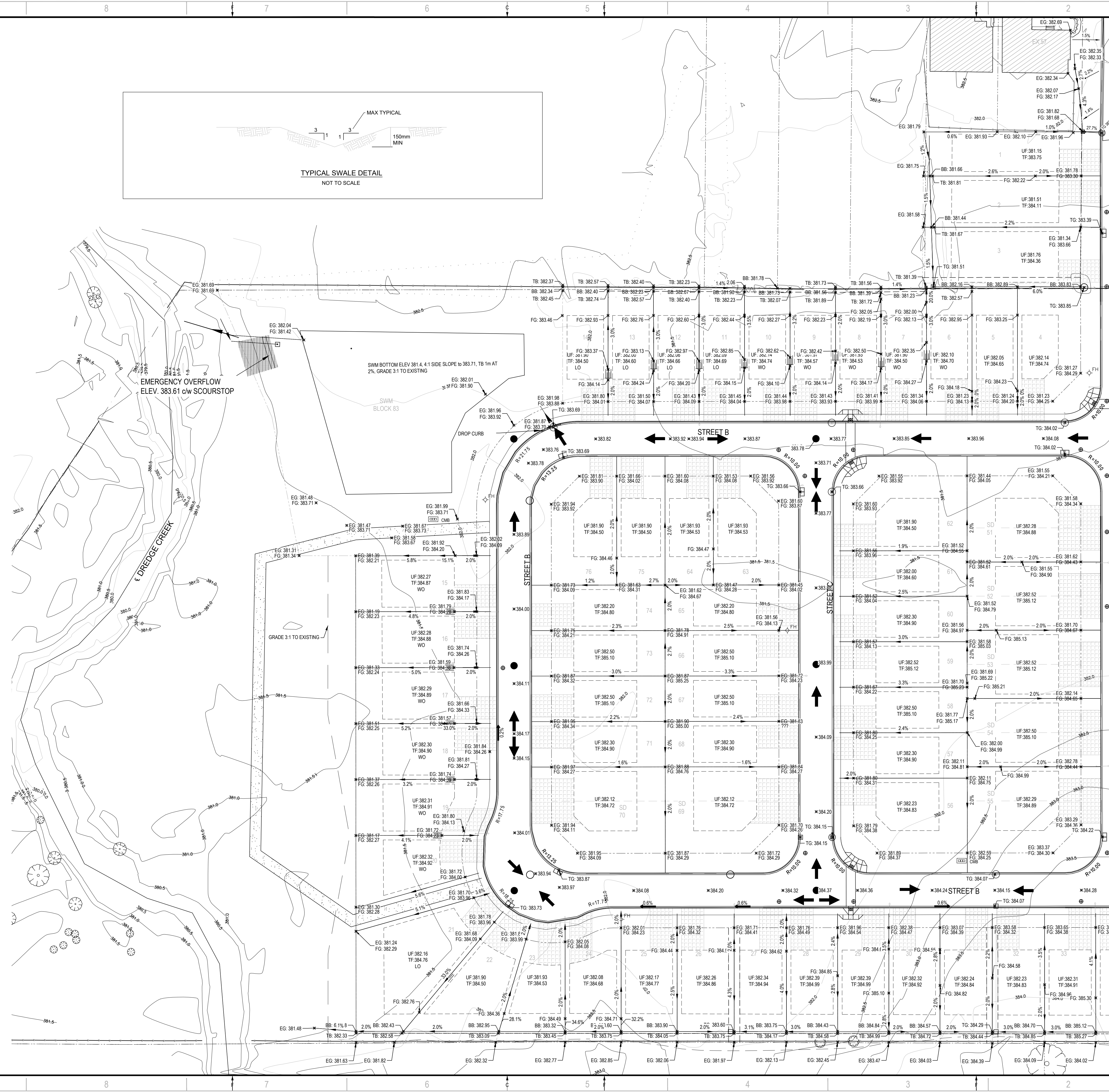
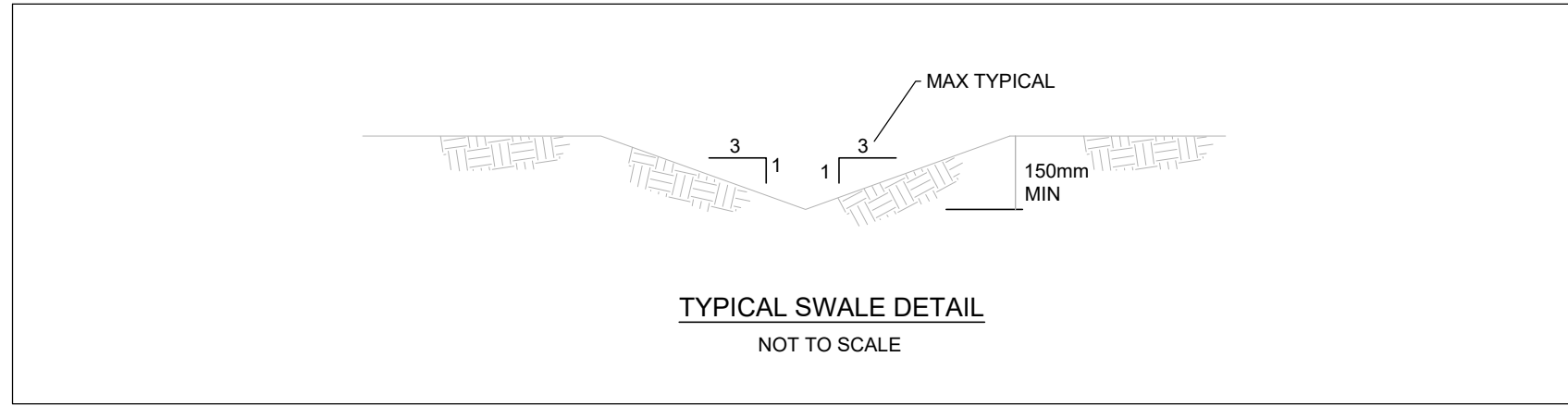
**LEGEND**

**EXISTING CONDITIONS**

- EXISTING PROPERTY LINE
- EXISTING EDGE OF PAVEMENT
- EXISTING CENTERLINE
- EXISTING GRANULAR SHOULDER
- EXISTING TREELINE
- 0.5m CONTOURS
- BOTTOM OF SLOPE
- TOP OF SLOPE
- EXISTING BUILDING
- EXISTING SANITARY MANHOLE
- EXISTING CATCHBASIN MANHOLE
- EXISTING POIST
- EXISTING CATCHBASIN
- EXISTING SANITARY CLEANOUT
- EXISTING CURB STOP VALVE
- EXISTING FIRE HYDRANT
- EXISTING WATERVALVE
- EXISTING HYDRO POLE AND ANCHOR
- EXISTING BELL PEDESTAL
- EXISTING BELL MANHOLE
- EXISTING STANDARD IRON BAR
- EXISTING IRON BAR
- EXISTING ROUND IRON BAR
- EXISTING ROAD SIGN
- EXISTING FLOWERBED
- EXISTING CONIFEROUS TREE
- EXISTING DECIDUOUS TREE
- EXISTING DECIDUOUS SHRUB

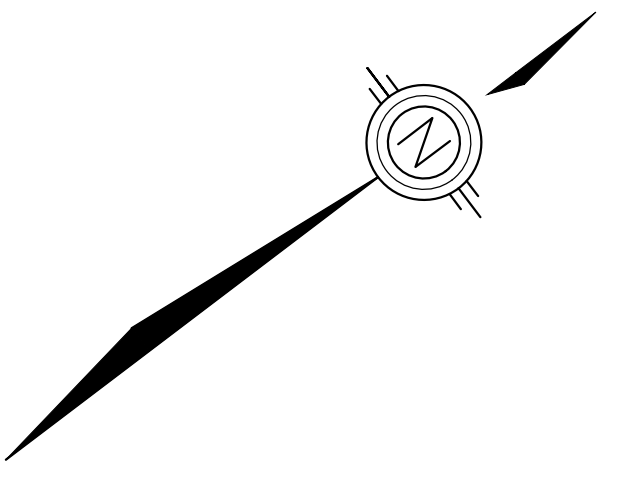
**PROPOSED CONSTRUCTION**

- EDGE OF SIDEWALK
- BUILDING ENVELOPE
- BACK OF CURB
- EDGE OF ASPHALT
- PROPOSED CURB STOP VALVE
- PROPOSED WATERMAIN VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM MANHOLE
- CATCHBASIN MANHOLE
- DOUBLE CATCHBASIN MANHOLE
- DOUBLE CATCHBASIN
- CATCH BASIN
- EXISTING GRADE
- PROPOSED GRADE
- TOP OF GRATE GRADE
- TOP OF BANK GRADE
- BOTTOM OF BANK/SWALE GRADE
- PROPOSED SLOPE DIRECTION %
- MIN. UNDERSIDE OF FOOTING
- MIN. TOP OF FOUNDATION
- WALKOUT BASEMENT
- LOOKOUT BASEMENT
- PROPOSED TOP OF BANK
- PROPOSED BOTTOM OF SWALE
- OVERLAND FLOW ROUTE
- DRIVEWAY
- GRADING LIMIT



**PRELIMINARY**

NOT FOR CONSTRUCTION



**PROPOSED BUILDING ELEVATION**

THE MINIMUM ELEVATION FOR TOP OF FOUNDATION (T.F.) WALL IS CALCULATED FROM HIGHEST FRONT LOT CORNER PLUS 0.45m.

THE MINIMUM BASEMENT SLAB ELEVATION (B.S.E.) IS 382.16m.

FINISHED FLOOR ELEVATION (F.F.E.), UNDERSIDE OF FOOTING (U.F.) AND GARAGE FINISHED FLOOR MAY VARY BASED ON BUILDING SPECIFICATIONS AND WILL REQUIRE THE TOWNSHIP'S APPROVAL THROUGH THE BUILDING PERMIT PROCESS.

MAXIMUM DRIVEWAY GRADE IS 6%.

LOTS DRAINING BACK TO FRONT WILL REQUIRE RAINBOW SWALE DETAILED ON LOT SPECIFIC SITE GRADING PLAN.

SITE SPECIFIC LOT GRADING PLANS REQUIRED BEFORE CONSTRUCTION OF INDIVIDUAL LOTS. PLANS TO BE PREPARED BY MOOREFIELD EXCAVATING.

BENCHMARK ELEV. 382.441M  
BRASS PLUG (BENCHMARK #11) IN CONCRETE  
SEWAGE ACCESS ON THE WEST SIDE  
OF LORNE ST. (CGVD 2013)  
SURVEY BY AUTOMATED ENGINEERING 2018



6297 WELLINGTON COUNTY ROAD R363  
HARRISTON, ONTARIO  
CANADA N0G 1Z0  
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ISSUE	DATE	DESCRIPTION
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1	01-20-2020	FIRST SUBMISSION

PROJECT NO:	191-103	DATE:	APRIL 2021
ORIGINAL SCALE:	1:500	IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE.	
DESIGNED BY:	K. PILON		
DRAWN BY:	K. PILON		
CHECKED BY:			

**PROPOSED SITE GRADING PLAN  
SOUTH END  
HARRISTON**

SHEET NUMBER  
**GRAD-2**

### LEGEND

**EXISTING CONDITIONS**

- EXISTING PROPERTY LINE
- EXISTING EDGE OF PAVEMENT
- EXISTING CENTERLINE
- EXISTING GRANULAR SHOULDER
- EXISTING TREE LINE
- 0.5m CONTOURS
- BOTTOM OF SLOPE
- TOP OF SLOPE
- EXISTING BUILDING
- EXISTING SANITARY MANHOLE
- EXISTING CATCH-BASIN MANHOLE
- EXISTING POST
- EXISTING CATCH-BASIN
- EXISTING SANITARY CLEANOUT
- EXISTING CURB STOP VALVE
- EXISTING FIRE HYDRANT
- EXISTING WATERVALVE
- EXISTING HYDRO POLE AND ANCHOR
- EXISTING BELL PEDESTAL
- EXISTING BELL MANHOLE
- EXISTING STANDARD IRON BAR
- EXISTING IRON BAR
- EXISTING ROUND IRON BAR
- EXISTING ROAD SIGN
- EXISTING FLOWERBED
- EXISTING CONIFEROUS TREE
- EXISTING DECIDUOUS TREE
- EXISTING DECIDUOUS SHRUB

**PROPOSED CONSTRUCTION**

- EDGE OF SIDEWALK
- BUILDING ENVELOPE
- BACK OF CURB
- EDGE OF ASPHALT
- PROPOSED CURB STOP VALVE
- PROPOSED WATERMAIN VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM MANHOLE
- CATCH-BASIN MANHOLE
- DOUBLE CATCH-BASIN MANHOLE
- DOUBLE CATCH-BASIN
- CATCH BASIN
- EXISTING GRADE
- PROPOSED GRADE
- TOP OF GRATE GRADE
- TOP OF BANK GRADE
- BOTTOM OF BANK/SWALE GRADE
- PROPOSED SLOPE DIRECTION %
- MIN. UNDERSIDE OF FOOTING
- MIN. TOP OF FOUNDATION
- WALKOUT BASEMENT
- LOOKOUT BASEMENT
- PROPOSED TOP OF BANK
- PROPOSED BOTTOM OF SWALE
- OVERLAND FLOW ROUTE
- DRIVEWAY
- GRADING LIMIT

**PROPOSED BUILDING ELEVATION**

THE MINIMUM ELEVATION FOR TOP OF FOUNDATION (T.F.) WALL IS CALCULATED FROM HIGHEST FRONT LOT CORNER PLUS 0.45m.

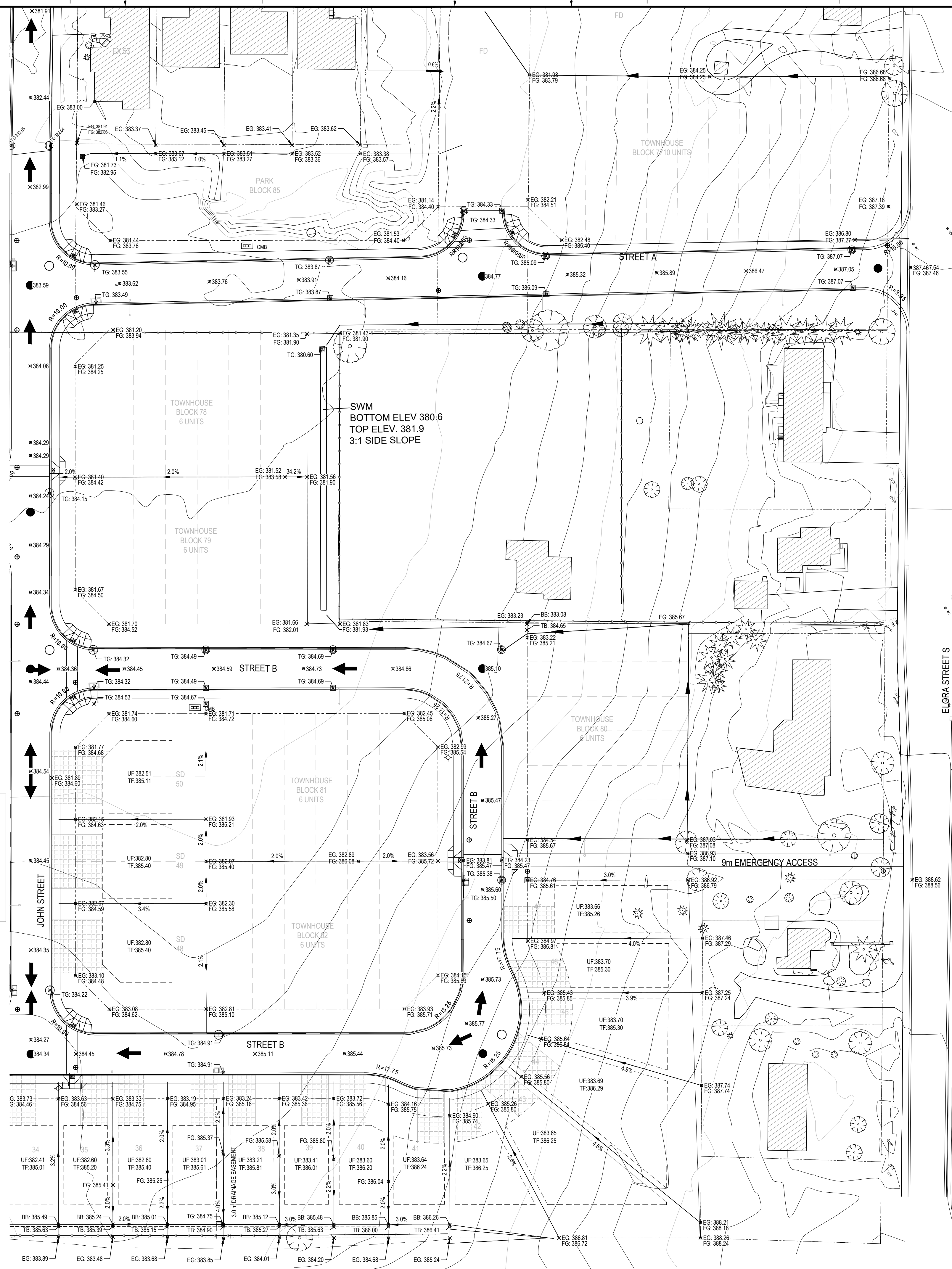
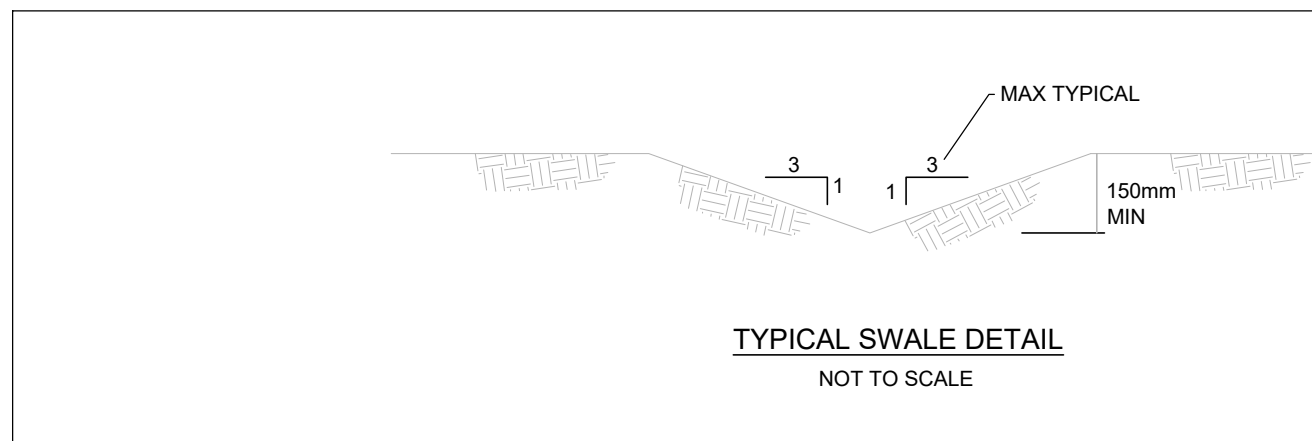
THE MINIMUM BASEMENT SLAB ELEVATION (B.S.E.) IS 382.16m.

FINISHED FLOOR ELEVATION (F.F.E.), UNDERSIDE OF FOOTING (U.F.) AND GARAGE FINISHED FLOOR MAY VARY BASED ON BUILDING SPECIFICATIONS AND WILL REQUIRE THE TOWNSHIP'S APPROVAL THROUGH THE BUILDING PERMIT PROCESS.

MAXIMUM DRIVEWAY GRADE IS 6%.

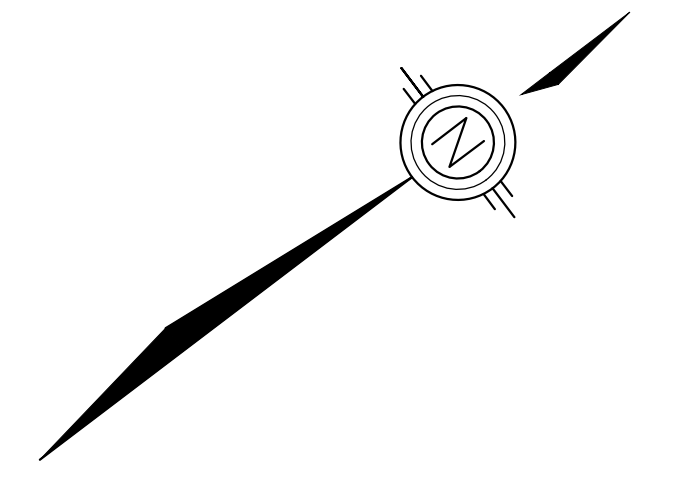
LOTS DRAINING BACK TO FRONT WILL REQUIRE RAINBOW SWALE DETAILED ON LOT SPECIFIC SITE GRADING PLAN.

SITE SPECIFIC LOT GRADING PLANS REQUIRED BEFORE CONSTRUCTION OF INDIVIDUAL LOTS. PLANS TO BE PREPARED BY MOOREFIELD EXCAVATING.



**PRELIMINARY**

NOT FOR CONSTRUCTION



BENCHMARK: ELEV. 382.441M  
 BRASS PLUG (BENCHMARK #11) IN CONCRETE  
 SEWAGE ACCESS ON THE WEST SIDE  
 OF LORNE ST. (CGVD 2013)  
 SURVEY BY AUTOMATED ENGINEERING 2018



6297 WELLINGTON COUNTY ROAD R363  
 HARRISTON, ONTARIO  
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IS	RE	DATE	DESCRIPTION
1	0	01-20-2020	FIRST SUBMISSION
2	0	04-20-2021	SECOND SUBMISSION - DRAFT PLAN

PROJECT NO: 191-103	DATE: APRIL 2021
ORIGINAL SCALE: 1:500	IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE.
DESIGNED BY: K. PILON	
DRAWN BY: K. PILON	
CHECKED BY:	

TITLE:  
**PROPOSED SITE GRADING PLAN  
 NORTH END  
 HARRISTON**

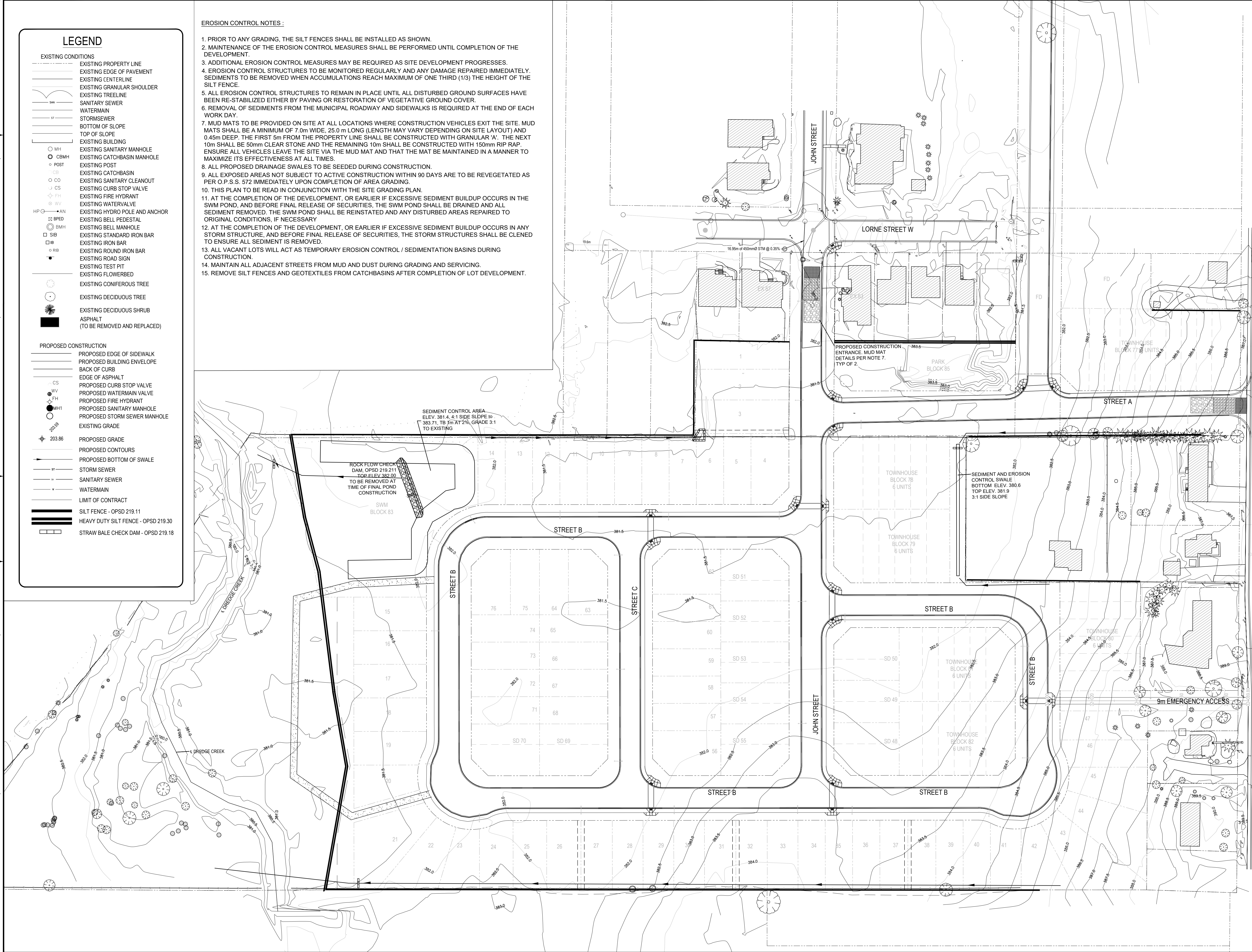
SHEET NUMBER:  
**GRAD-3**

**LEGEND**

- EXISTING CONDITIONS**
- EXISTING PROPERTY LINE
  - EXISTING EDGE OF PAVEMENT
  - EXISTING CENTERLINE
  - EXISTING GRANULAR SHOULDER
  - EXISTING TREELINE
  - SANITARY SEWER
  - WATERMAIN
  - STORMSEWER
  - BOTTOM OF SLOPE
  - TOP OF SLOPE
  - EXISTING BUILDING
  - EXISTING SANITARY MANHOLE
  - EXISTING CATCHBASIN MANHOLE
  - EXISTING CATCHPOST
  - EXISTING CATCHBASIN
  - EXISTING SANITARY CLEANOUT
  - EXISTING CURB STOP VALVE
  - EXISTING FIRE HYDRANT
  - EXISTING WATERVALVE
  - EXISTING HYDRO POLE AND ANCHOR
  - EXISTING BELL PEDESTAL
  - EXISTING BELL MANHOLE
  - EXISTING STANDARD IRON BAR
  - EXISTING IRON BAR
  - EXISTING ROUND IRON BAR
  - EXISTING ROAD SIGN
  - EXISTING TEST PIT
  - EXISTING FLOWERBED
  - EXISTING CONIFEROUS TREE
  - EXISTING DECIDUOUS TREE
  - EXISTING DECIDUOUS SHRUB
  - ASPHALT  
(TO BE REMOVED AND REPLACED)
- PROPOSED CONSTRUCTION**
- PROPOSED EDGE OF SIDEWALK
  - PROPOSED BUILDING ENVELOPE
  - BACK OF CURB
  - EDGE OF ASPHALT
  - PROPOSED CURB STOP VALVE
  - PROPOSED WATERMAIN VALVE
  - PROPOSED FIRE HYDRANT
  - PROPOSED SANITARY MANHOLE
  - PROPOSED STORM SEWER MANHOLE
  - EXISTING GRADE
  - PROPOSED GRADE
  - PROPOSED CONTOURS
  - PROPOSED BOTTOM OF SWALE
  - STORM SEWER
  - SANITARY SEWER
  - WATERMAIN
  - LIMIT OF CONTRACT
  - SILT FENCE - OPSD 219.11
  - HEAVY DUTY SILT FENCE - OPSD 219.30
  - STRAW BALE CHECK DAM - OPSD 219.18

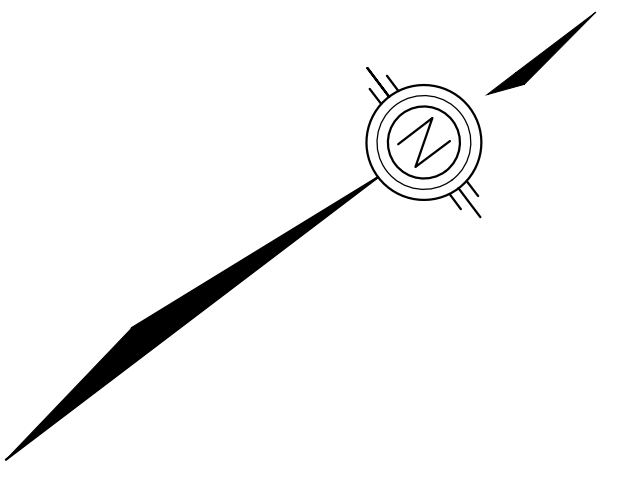
**EROSION CONTROL NOTES:**

1. PRIOR TO ANY GRADING, THE SILT FENCES SHALL BE INSTALLED AS SHOWN.
2. MAINTENANCE OF THE EROSION CONTROL MEASURES SHALL BE PERFORMED UNTIL COMPLETION OF THE DEVELOPMENT.
3. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE DEVELOPMENT PROGRESSES.
4. EROSION CONTROL STRUCTURES TO BE MONITORED REGULARLY AND ANY DAMAGE REPAIRED IMMEDIATELY. SEDIMENTS TO BE REMOVED WHEN ACCUMULATIONS REACH MAXIMUM OF ONE THIRD (1/3) THE HEIGHT OF THE SILT FENCE.
5. ALL EROSION CONTROL STRUCTURES TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN RE-STABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER.
6. REMOVAL OF SEDIMENTS FROM THE MUNICIPAL ROADWAY AND SIDEWALKS IS REQUIRED AT THE END OF EACH WORK DAY.
7. MUD MATS TO BE PROVIDED ON SITE AT ALL LOCATIONS WHERE CONSTRUCTION VEHICLES EXIT THE SITE. MUD MATS SHALL BE A MINIMUM OF 7.0m WIDE, 25.0 m LONG (LENGTH MAY VARY DEPENDING ON SITE LAYOUT) AND 0.45m DEEP. THE FIRST 5m FROM THE PROPERTY LINE SHALL BE CONSTRUCTED WITH GRANULAR 'A'. THE NEXT 10m SHALL BE 50mm CLEAR STONE AND THE REMAINING 10m SHALL BE CONSTRUCTED WITH 150mm RIP RAP. ENSURE ALL VEHICLES LEAVE THE SITE VIA THE MUD MAT AND THAT THE MAT BE MAINTAINED IN A MANNER TO MAXIMIZE ITS EFFECTIVENESS AT ALL TIMES.
8. ALL PROPOSED DRAINAGE SWALES TO BE SEEDED DURING CONSTRUCTION.
9. ALL EXPOSED AREAS NOT SUBJECT TO ACTIVE CONSTRUCTION WITHIN 90 DAYS ARE TO BE REVEGETATED AS PER O.P.S.S. 572 IMMEDIATELY UPON COMPLETION OF AREA GRADING.
10. THIS PLAN TO BE READ IN CONJUNCTION WITH THE SITE GRADING PLAN.
11. AT THE COMPLETION OF THE DEVELOPMENT, OR EARLIER IF EXCESSIVE SEDIMENT BUILDUP OCCURS IN THE SWM POND, AND BEFORE FINAL RELEASE OF SECURITIES, THE SWM POND SHALL BE DRAINED AND ALL SEDIMENT REMOVED. THE SWM POND SHALL BE REINSTATED AND ANY DISTURBED AREAS REPAIRED TO ORIGINAL CONDITIONS, IF NECESSARY.
12. AT THE COMPLETION OF THE DEVELOPMENT, OR EARLIER IF EXCESSIVE SEDIMENT BUILDUP OCCURS IN ANY STORM STRUCTURE, AND BEFORE FINAL RELEASE OF SECURITIES, THE STORM STRUCTURES SHALL BE CLEARED TO ENSURE ALL SEDIMENT IS REMOVED.
13. ALL VACANT LOTS WILL ACT AS TEMPORARY EROSION CONTROL / SEDIMENTATION BASINS DURING CONSTRUCTION.
14. MAINTAIN ALL ADJACENT STREETS FROM MUD AND DUST DURING GRADING AND SERVICING.
15. REMOVE SILT FENCES AND GEOTEXTILES FROM CATCHBASINS AFTER COMPLETION OF LOT DEVELOPMENT.



**PRELIMINARY**

NOT FOR CONSTRUCTION



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BRASS PLUG (BENCHMARK #11) IN CONCRETE  
SEWAGE ACCESS ON THE WEST SIDE  
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PROJECT NO: 191-103	DATE: APRIL 2021
ORIGINAL SCALE: 1:750	IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE.
DESIGNED BY: K.PILON	
DRAWN BY: K.PILON	
CHECKED BY:	

TITLE  
**SEDIMENT AND EROSION CONTROL PLAN**  
HARRISTON

SHEET NUMBER  
GRAD-4