

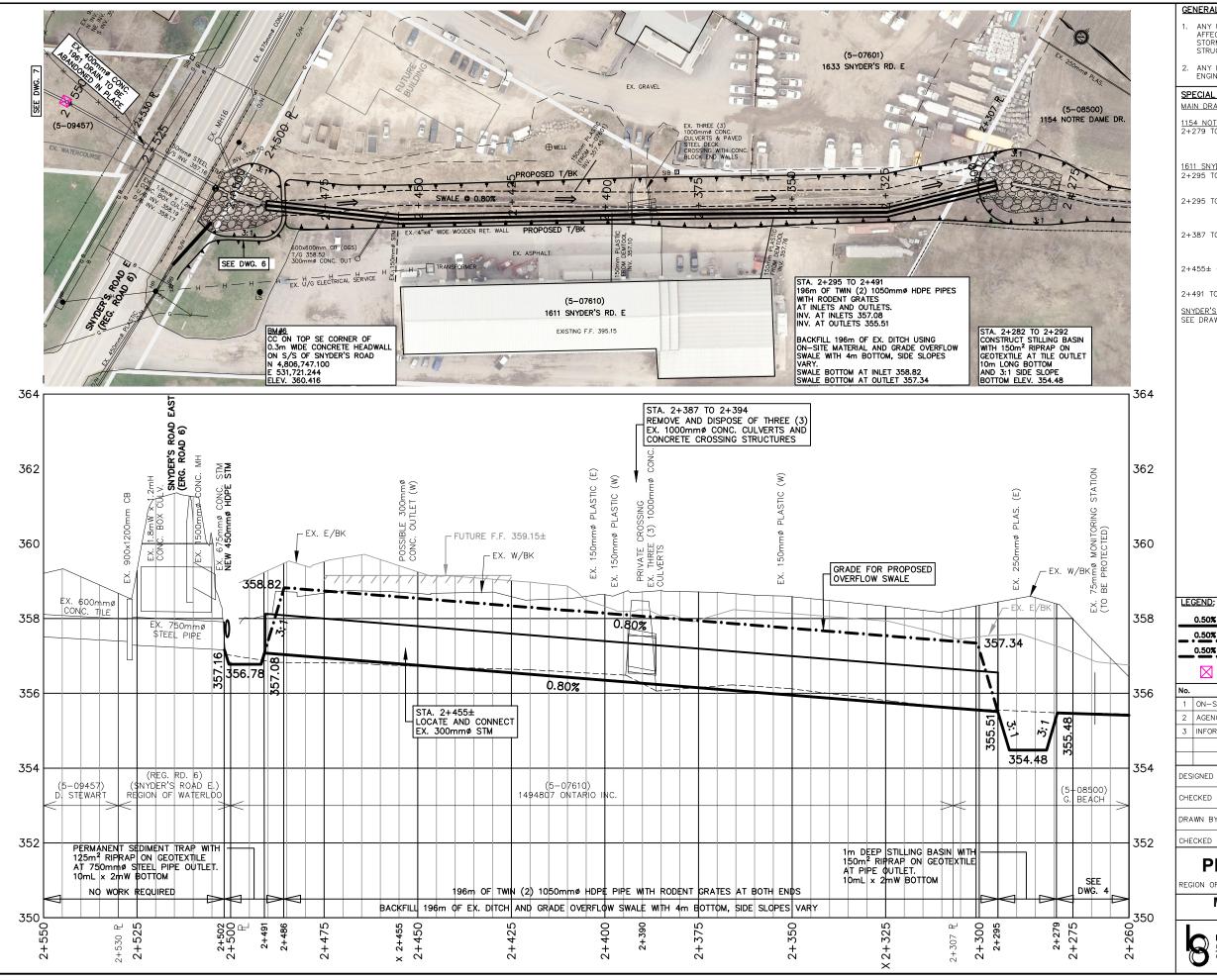
DATE

SCALE

1 : 50 (VERT.)

(ON 11"x 17")

100r



- ANY UTILITY, WATERMAIN, SANITARY SEWER OR FORCEMAIN THAT MAY AFFECT THE LOCATION OR ELEVATION OF ANY STORM STRUCTURE OR STORM SEWER IS TO BE PRE-LOCATED PRIOR TO PLACEMENT OF STORM STRUCTURE OR STORM SEWER
- ANY INCIDENTAL REMOVAL OF TREES/DEBRIS SHALL BE APPROVED BY ENGINEER PRIOR TO COMMENCING WORK

#### SPECIAL PROVISIONS - CONSTRUCTION NOTES

#### MAIN DRAIN

1154 NOTRE DAME DRIVE 2+279 TO 2+295 - CONSTRUCT PERMANENT STILLING POOL WITH 10mLx1.5mW BOTTOM AND 3:1 SIDE SLOPES. PLACE 150m<sup>2</sup> RIPRAP ON GEOTEXTILE AT PIPE OUTLET.

1611 SNYDER'S ROAD EAST 2+295 TO 2+491 - 196m OF TWIN (2) 1050mmø HDPE PIPES WITH RODENT GRATES AT INLET

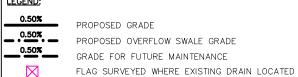
2+295 TO 2+486 - BACKFILL EXISTING DITCH USING ON-SITE MATERIAL & GRADE OVERFLOW SWALE WITH 4m BOTTOM, SIDE SLOPES VARY.

2+387 TO 2+394 - REMOVE AND DISPOSE OF THREE (3) EXISTING 1000mmø CONC. CULVERTS AND CROSSING STRUCTURE WITH CONC. BLOCK END WALLS.

 $2+455\pm$  - LOCATE AND CONNECT EX. 300mmø STM PIPE TO NEW 1050mmø HDPE WITH 300x1050300mm HDPE TEE

2+491 TO 2+502 - SEE DRAWING 5A FOR DETAIL

SNYDER'S ROAD EAST (REGION OF WATERLOO)
SEE DRAWING 5A FOR DETAIL



No.		DATE		
1	ON-SITE MEETIN	JULY/OCTOBER 2019		
2	AGENCY REVIEW		APRIL 2022	
3	INFORMATION MEETING		AUGUST 2024	
DES	SIGNED BY: J.E.M.	7	0 SCALE 20m	
CHECKED BY: J.E.M.		MAR	1 : 1,000 (HORIZ.)	
DRAWN BY: A.M.P.		PRELIMINARY	0 2m	
CHE	CKED BY: J.E.M.	Κ,	(ON 11"x 17")	

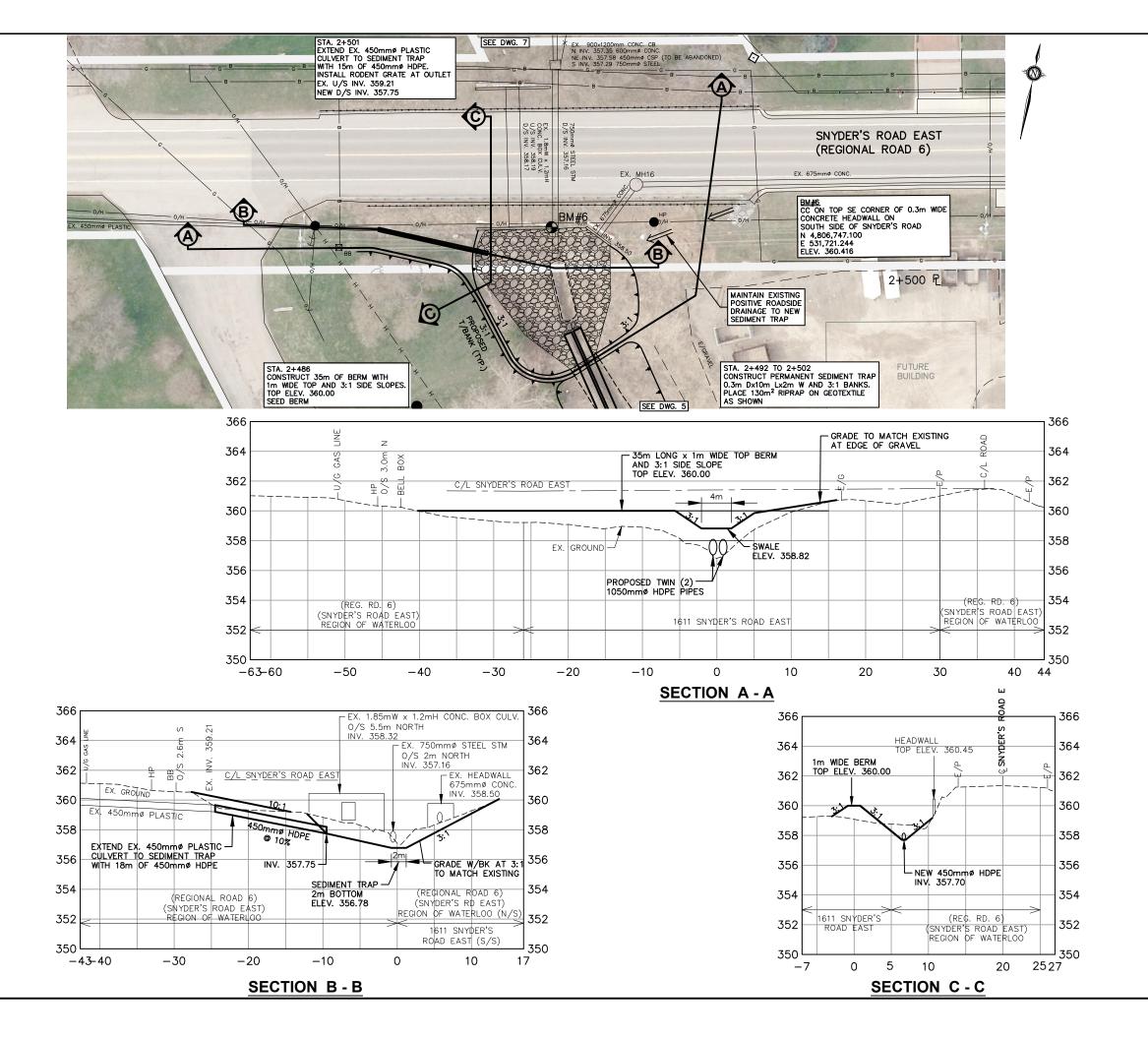
# PETERSBURG DRAIN 2024

REGION OF WATERLOO

TOWNSHIP OF WILMOT

MAIN DRAIN PLAN AND PROFILE STATION 2+260 TO 2+550





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- ANY INCIDENTAL REMOVAL OF TREES/DEBRIS SHALL BE APPROVED BY ENGINEER PRIOR TO COMMENCING WORK
- RESTORE BOULEVARD AND RESIDENTIAL PRIVATE PROPERTY WITH SALVAGED TOPSOIL (150mm THICK MIN.) & HYDROSEED. RESTORE AGRICULTURAL AREAS WITH SALVAGED TOPSOIL (150mm THICK MIN.)
- 4. LEVEL SPOIL AND DEBRIS IN LANDOWNER-APPROVED LOCATIONS.

#### SPECIAL PROVISIONS - CONSTRUCTION NOTES

MAIN DRAIN

1611 SNYDER'S ROAD EAST. 2+486 - CONSTRUCT 35m OF BERM WITH 1m WIDE TOP AND 3:1 SIDE SLOPES. SEED BERM.

2+492 TO 2+502 - CONSTRUCT PERMANENT SEDIMENT TRAP 0.3mDx10mLx2mW WITH 3:1 SIDE SLOPES. PLACE 125m<sup>2</sup> RIPRAP ON GEOTEXTILE AT DOWNSTREAM SIDE

OF EXISTING ROAD CROSSINGS.

 EXTEND EXISTING 450mmø PLASTIC CULVERT TO SEDIMENT TRAP WITH 15m OF 450mmø HDPE. INSTALL RODENT GRATE AT OUTLET. 2+501

No.		DATE		
1	ON-SITE MEETIN	JULY/OCTOBER 2019		
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3	INFORMATION MEETING		AUGUST 2024	
DES	SIGNED BY: J.E.M.	٠,	SCALE	
CHE	ECKED BY: J.E.M.	PRELIMINARY	0 10m 1 : 500 (HORIZ.)	
DRA	AWN BY: A.M.P.	DREL!	0 5m	
CHE	ECKED BY: J.E.M.	•	1 : 250 (VERT.)	

# PETERSBURG DRAIN 2024

REGION OF WATERLOO

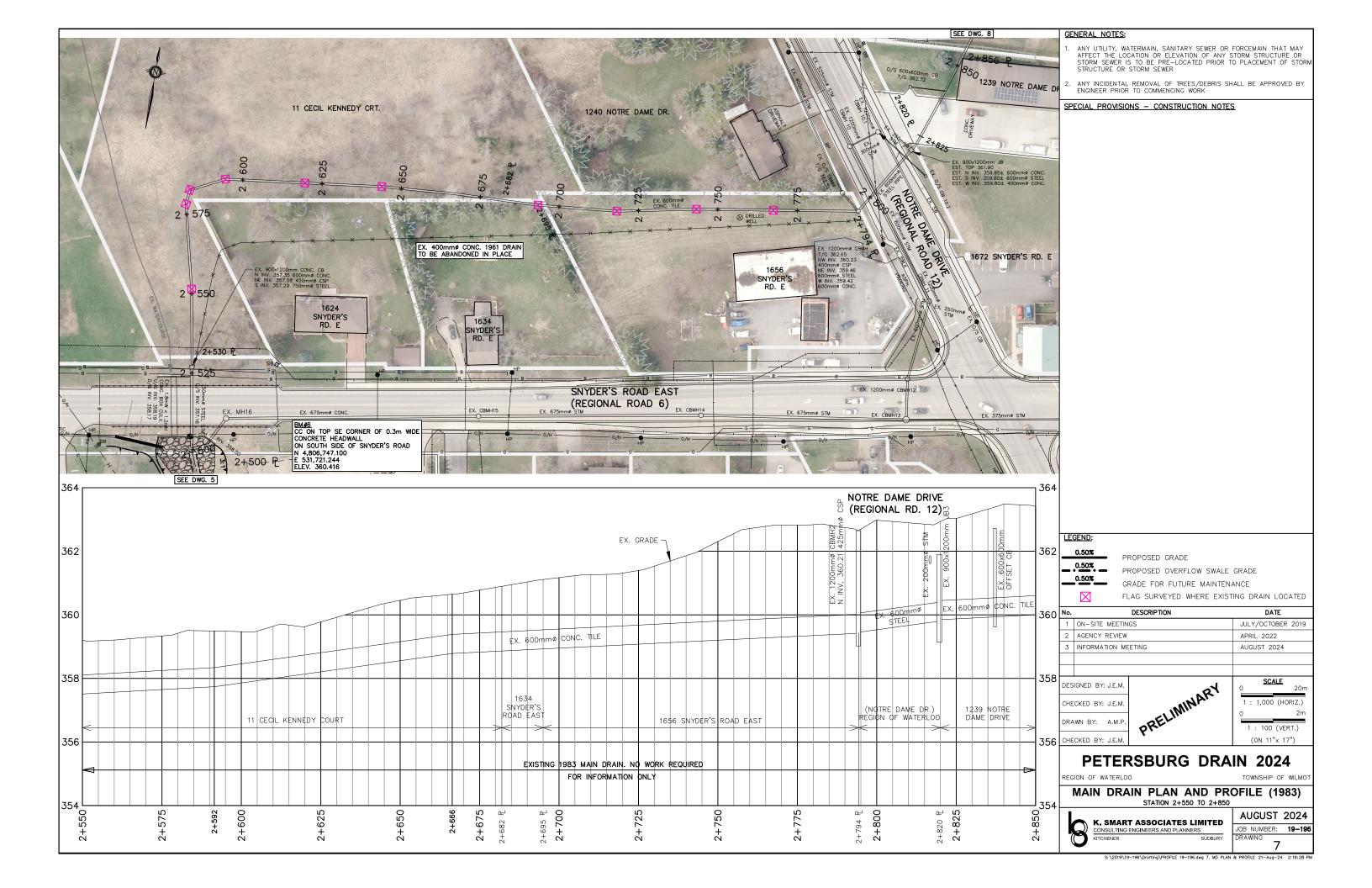
TOWNSHIP OF WILMO

#### MAIN DRAIN - SNYDER'S ROAD EAST DETAIL STATION 2+500

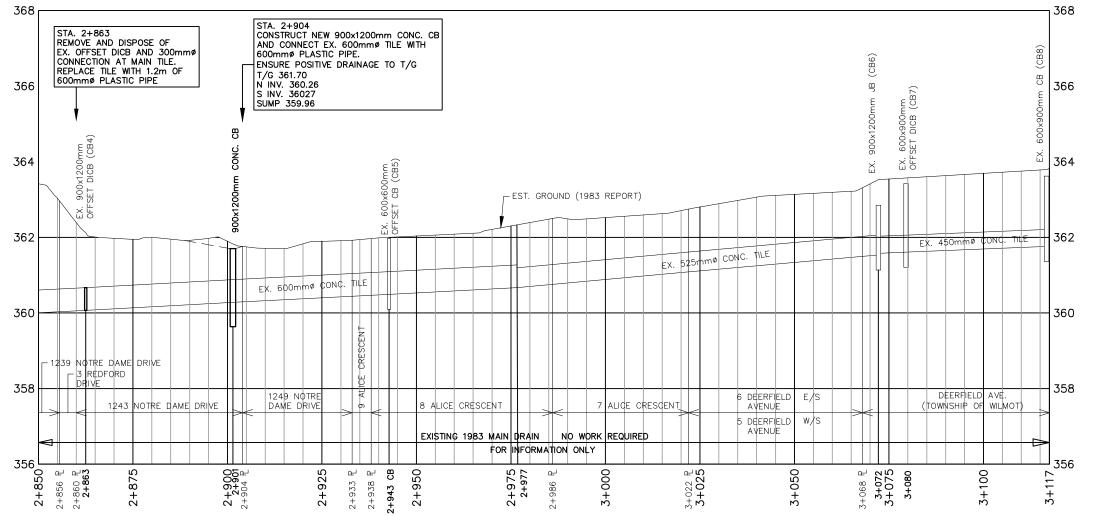


K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS

AUGUST 2024 JOB NUMBER: 19-196 DRAWING







- ANY UTILITY, WATERMAIN, SANITARY SEWER OR FORCEMAIN THAT MAY AFFECT THE LOCATION OR ELEVATION OF ANY STORM STRUCTURE OR STORM SEWER IS TO BE PRE-LOCATED PRIOR TO PLACEMENT OF STORM STRUCTURE OR STORM SEWER
- 2. ANY INCIDENTAL REMOVAL OF TREES/DEBRIS SHALL BE APPROVED BY ENGINEER PRIOR TO COMMENCING WORK

SPECIAL PROVISIONS - CONSTRUCTION NOTES



0.50% PROPOSED GRADE
PROPOSED OVEREL

0.50% PROPOSED OVERFLOW SWALE GRADE

GRADE FOR FUTURE MAINTENANCE

 No.
 DESCRIPTION
 DATE

 1
 ON—SITE MEETINGS
 JULY/OCTOBER 2019

 2
 AGENCY REVIEW
 APRIL 2022

 3
 INFORMATION MEETING
 AUGUST 2024

 DESIGNED BY: J.E.M.
 O
 SCALE 20m

 CHECKED BY: J.E.M.
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 DRAWN BY: A.M.P.
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# PETERSBURG DRAIN 2024

REGION OF WATERLOO

TOWNSHIP OF WILMOT

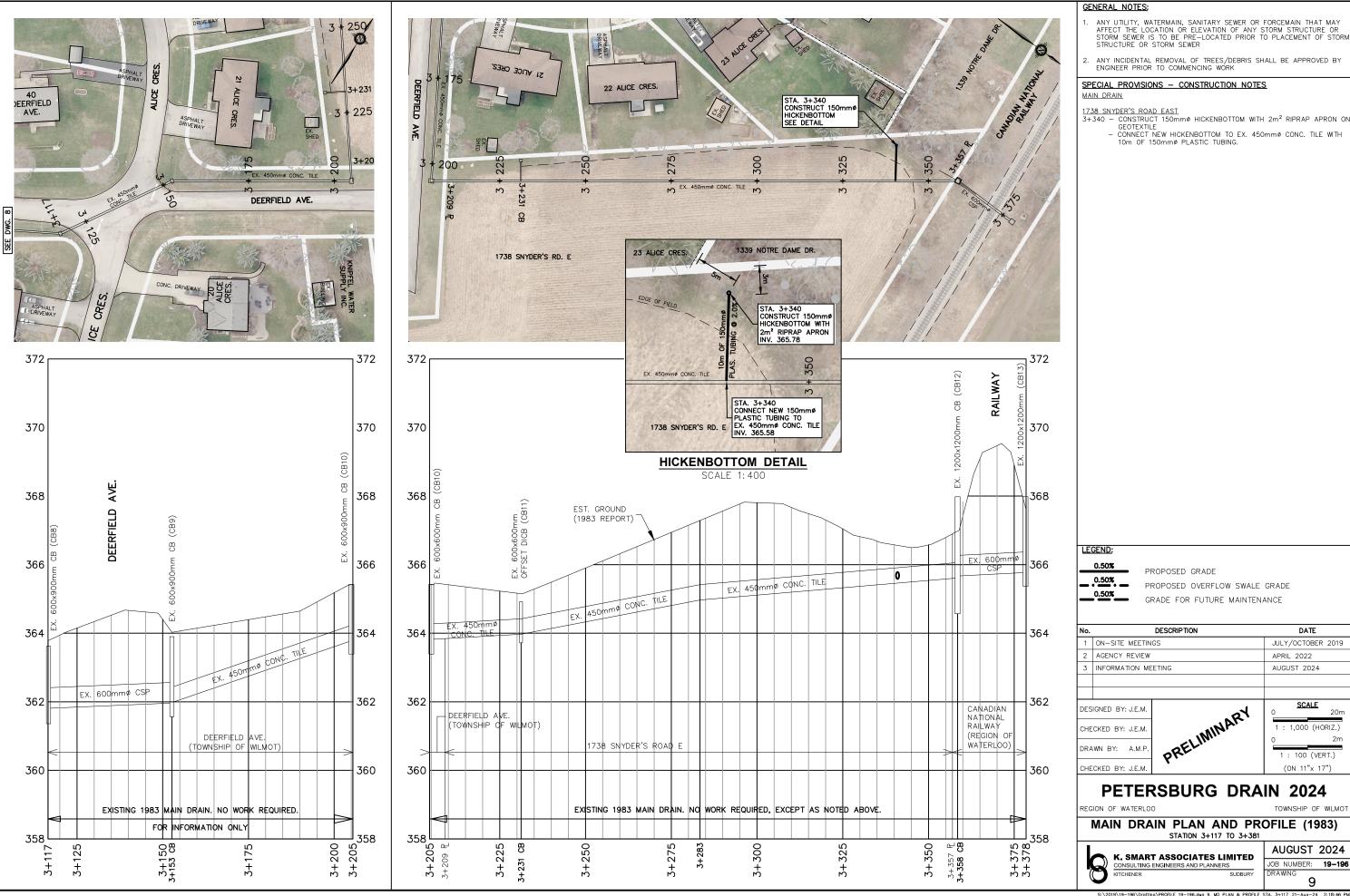
(ON 11"x 17")

AUGUST 2024

MAIN DRAIN PLAN AND PROFILE (1983)
STATION 2+850 TO 3+117



K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS



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#### SPECIAL PROVISIONS - CONSTRUCTION NOTES

- - 10m OF 150mmø PLASTIC TUBING.

### 1 : 100 (VERT.) (ON 11"x 17")

# PETERSBURG DRAIN 2024

TOWNSHIP OF WILMOT

DATE

JULY/OCTOBER 2019

SCALE

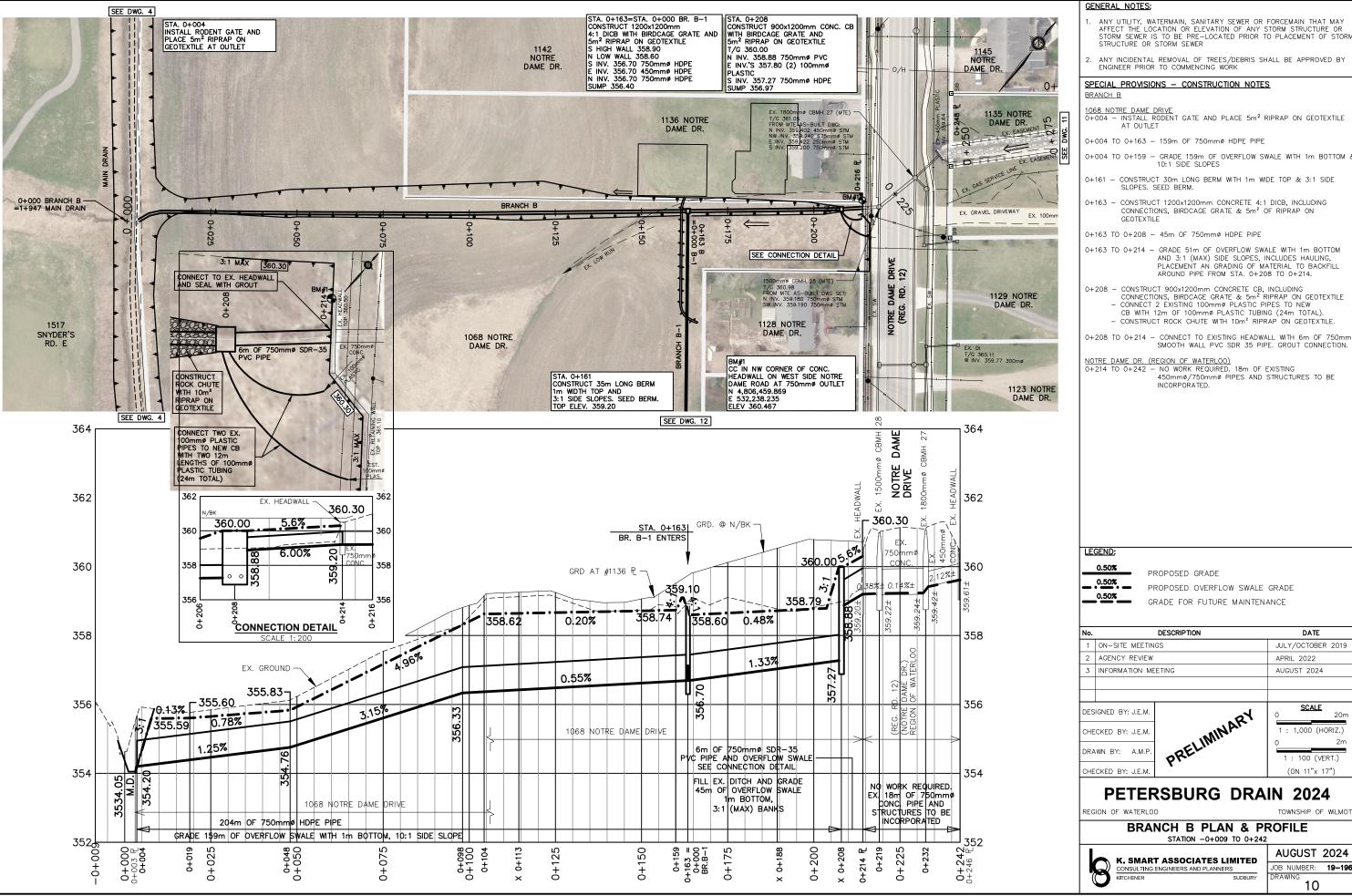
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APRIL 2022

AUGUST 2024

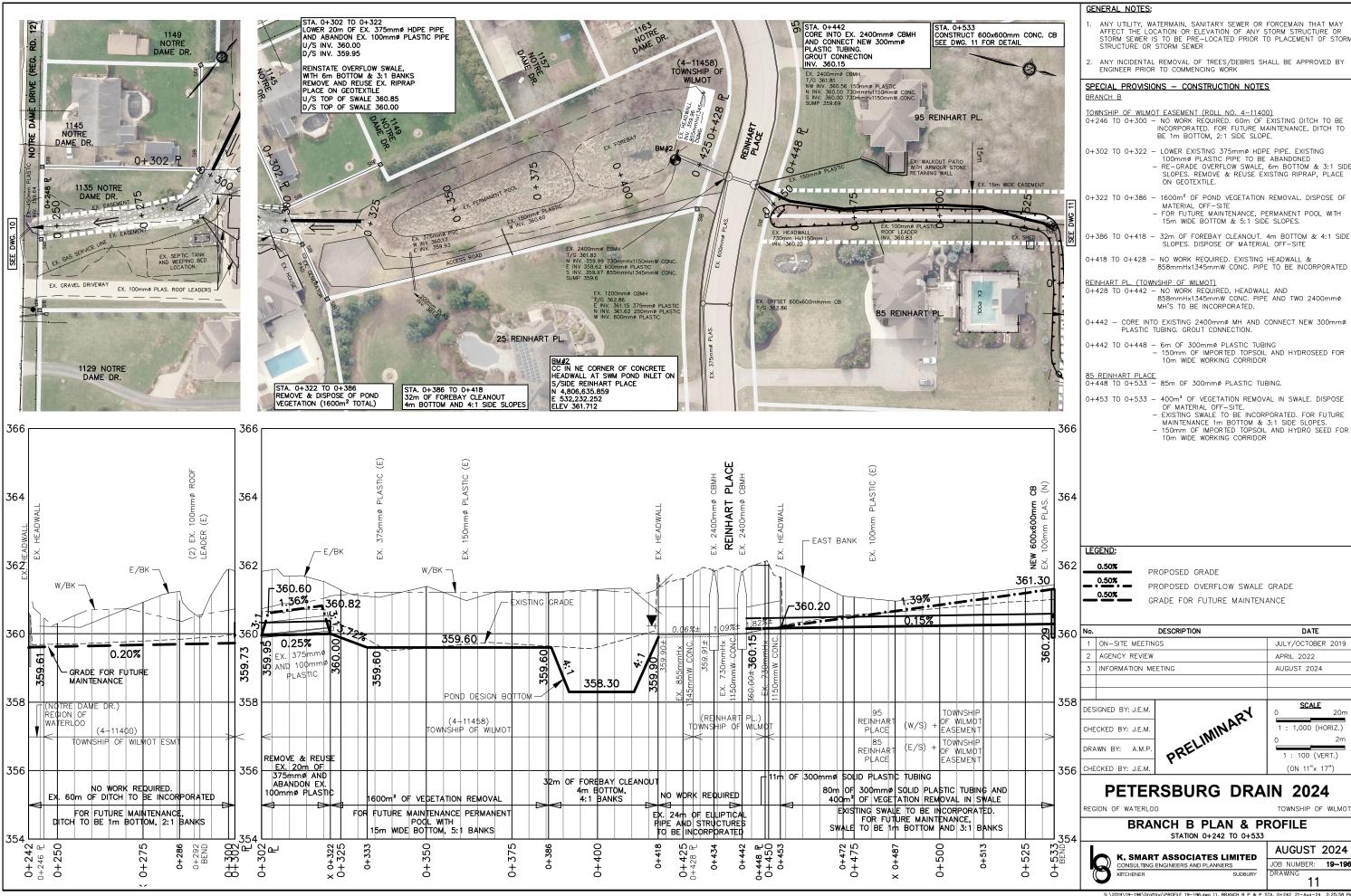
MAIN	DRAIN	<b>PLAN</b>	AND	<b>PROFILE</b>	(1983)
CTATION 7:117 TO 7:701					

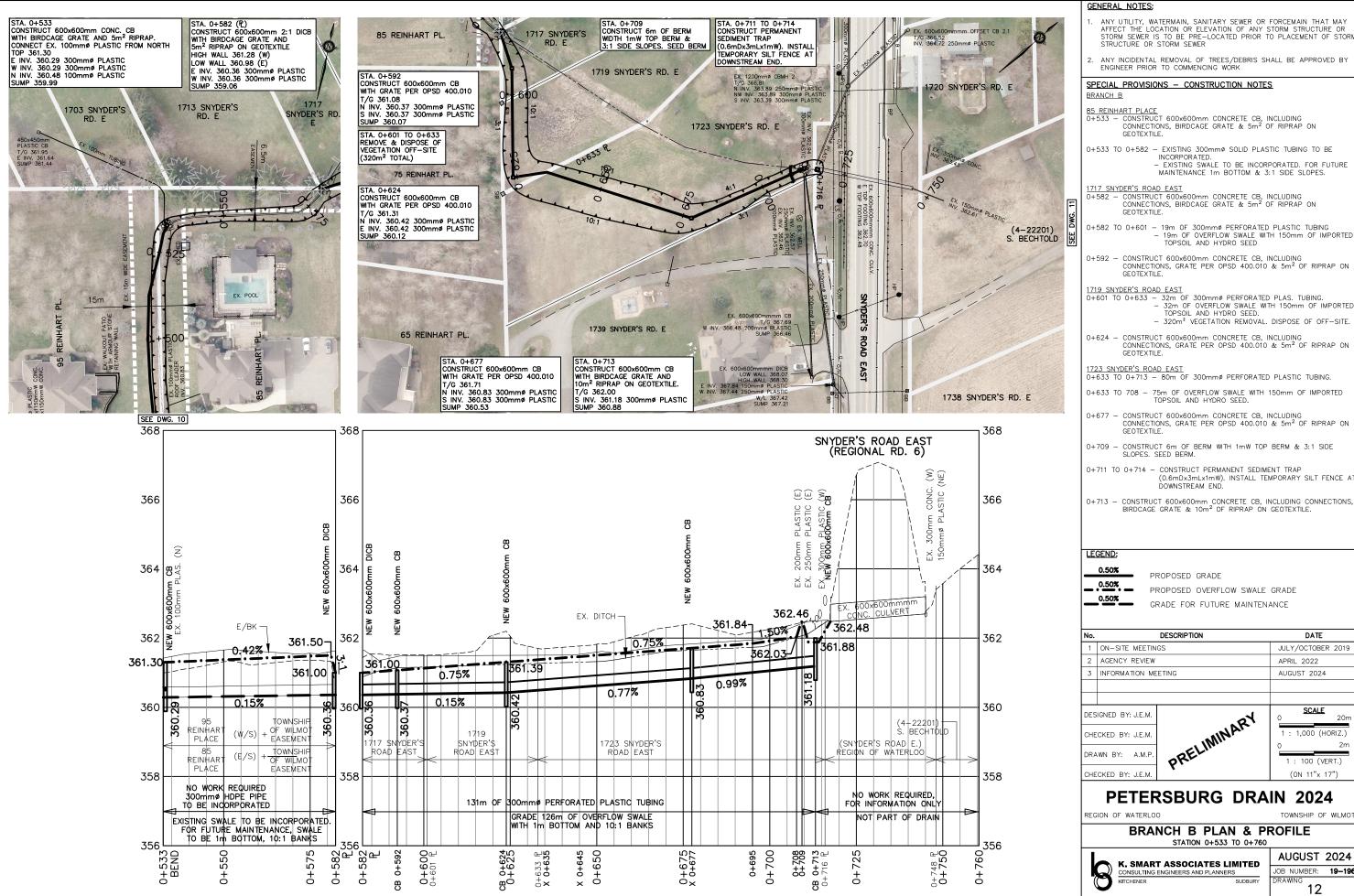
	STATION 3+11	/ 10 3+381		
	K. SMART ASSOCIATES	AUGUST	2024	
	CONSULTING ENGINEERS AND PLANNI	JOB NUMBER:	19-196	
	KITCHENER	SUDBURY	DRAWING	
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DATE

SCALE





DATE

JULY/OCTOBER 2019

SCALE

1 : 1,000 (HORIZ.)

1 : 100 (VERT.)

(ON 11"x 17")

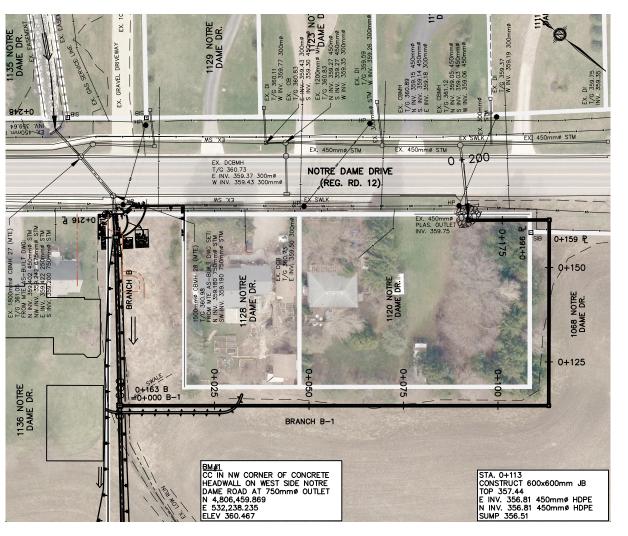
TOWNSHIP OF WILMO

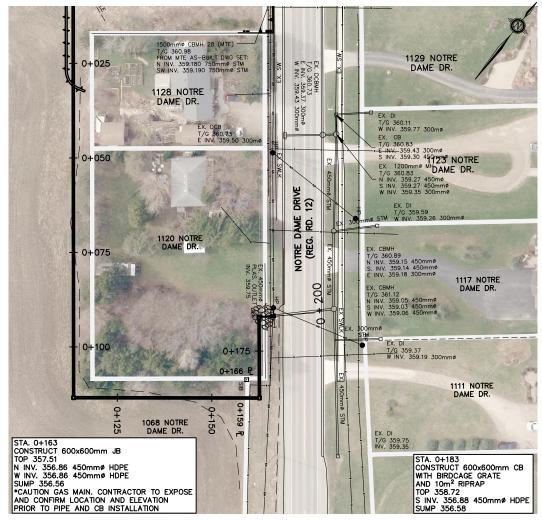
AUGUST 2024

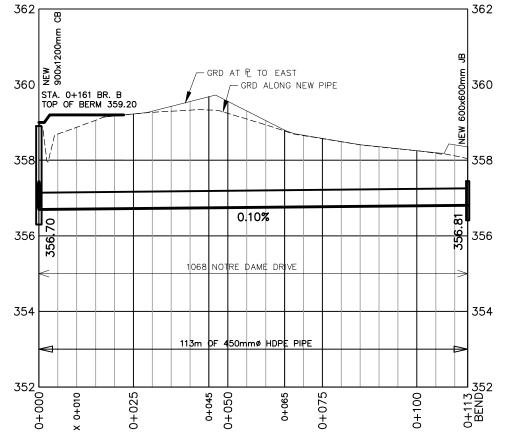
JOB NUMBER: 19-196

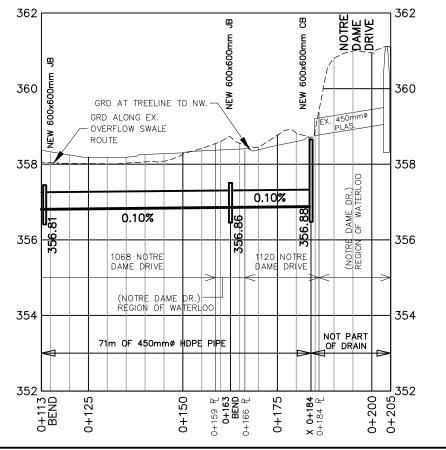
APRIL 2022

AUGUST 2024









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#### SPECIAL PROVISIONS - CONSTRUCTION NOTES

### BRANCH B-1

1068 NOTRE DAME DRIVE 0+000 TO 0+159 - 159m OF 450mmø HDPE PIPE

0+000 TO 0+030 - CONSTRUCT 30m LONG BERM WITH 0.5mW TOP AND 3:1 SIDE SLOPES. SEED BERM.

0+113 - CONSTRUCT 600x600mm CONCRETE JB, INCLUDES CONNECTIONS.

0+113 TO 0+159 - 46m OF 450mmø HDPE PIPE

NOTRE DAME DRIVE (TOWNSHIP OF WILMOT)
0+159 TO 0+166 - 7m OF 450mmø HDPE PIPE.

0+163 - CONSTRUCT 600x600mm CONCRETE JB, INCLUDES CONNECTIONS.

\*CAUTION GAS MAIN. CONTRACTOR TO EXPOSE AND CONFIRM LOCATION AND ELEVATION PRIOR TO PIPE AND CB INSTALLATION

1120 NOTRE DAME DRIVE 0+166 TO 0+184 - 18m OF 450mmø HDPE PIPE

0+184 - CONSTRUCT 600x600mm CONCRETE CB, INCLUDING CONNECTIONS, BIRDCAGE GRATE AND 5m<sup>2</sup> RIPRAP ON GEOTEXTILE.

### LEGEND:

0.50% 0.50% 0.50%

PROPOSED GRADE

PROPOSED OVERFLOW SWALE GRADE GRADE FOR FUTURE MAINTENANCE

DESCRIPTION DATE 1 ON-SITE MEETINGS JULY/OCTOBER 2019 AGENCY REVIEW APRIL 2022 INFORMATION MEETING AUGUST 2024 SCALE DESIGNED BY: J.E.M 1 : 1,000 (HORIZ.) CHECKED BY: J.E.M. DRAWN BY: 1 : 100 (VERT.) CHECKED BY: J.E.M (ON 11"x 17")

## PETERSBURG DRAIN 2024

REGION OF WATERLOO

TOWNSHIP OF WILMOT

AUGUST 2024

#### **BRANCH B-1 PLAN & PROFILE** STATION 0+000 TO 0+204



K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS

JOB NUMBER: 19-196 DRAWING