PARK ST
ELM STREET
SOUTHMILL ST
ELM ST
No. 3806
No. 3796
No. 3790
No. 3786
No. 3784
No. 3778
No. 3772
No. 3768
No. 3758
No. 3752
No. 3748
No. 3807
No. 3749
No. 229
No. 231
No. 221
No. 215
REMOVE 45° BEND & CONNECT PROP. 150Ø PVC DR-18 WTM. TO THE EX. 150Ø PVC WITH M.J. SLEEVE AND BENDS AS REQUIRED.
INSTALL TACTILE PLATES AS PER NPSCD'S (TYP.)
MAINTAIN EX CBS AND LEADS
REPLACE CB PLUG AND ABANDON EAST LEAD. RECONNECT W LEAD
CB-2 RIM 190.34 E INV = 189.13 (200∅)
RECONNECT EX. SUBDRAIN TO PROP CB
CB3 RIM 190.19 W INV= 189.01 (200∅) S INV = 188.98 (200∅)
SUPPORT HP AS REQUIRED DURING CB INSTALLATION
CB-4 RIM 189.89 S INV = 188.90 (200∅)
INSTALL HYDRANT SET WITH 150x150x150mmØ ANCHOR TEE AND VALVE.
CB-5 RIM 189.56 E INV = 188.36 (200∅)
RECONNECT EX. SUBDRAIN TO PROP CB5
CB-6 RIM 189.30 W INV= 188.10 (200∅) E INV = 188.07 (200∅)
CB8 RIM 188.89 W INV= 187.69 (200∅) S INV = 187.66 (200∅) RECONNECT N LEAD SUPPORT HP AS REQUIRED DURING STM INSTALLATION
CONTRACTOR TO LOCATE SAN LATERAL AND INSTALL CLEANOUT AT PL
CB11 RIM 188.60 S INV = 187.66 (200∅)
WATER SERVICE ON SOUTHMILL IN FRONT OF #231
CONNECT PROP 150mmØ PVC WTM TO EX 150mmØ MAIN WITH BENDS AND FITTINGS AS REQUIRED
CLOSE VALVE REMOVE BOX
REMOVE EX. HYDRANT SHUT VALVE & REMOVE BOX.
RECONNECT 100mmØ
CONNECT PROP 150mmØ PVC WTM TO EX.150mmØ MAIN WITH BENDS AND FITTINGS AS REQUIRED MATCH EP GRADES OVER BELL STRUCTURE
MILL 40mm DEPTH AND 1m WIDE. REPLACE WITH 40mm HL3
MILL INTERSECTION 40mm DEPTH REPLACE WITH 40mm HL3
1.5m CONC. SIDEWALK
PROP 150mmØ DR-18 PVC WTM
PROP. 600mmØ 100-D CONC STM. 62.0m at 0.33%
RELINE
ABANDON 150ø CI WTM.
N

NO.	REVISION	DATE	INIT.
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2	ISSUED FOR 60% REVIEW AND ONLINE PIC	OCT/2025	TP
1	ISSUED FOR REVIEW	SEPT 2023	TP

NOTES/LEGEND

1. THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER 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.
2. PROPERTY LINES WERE PLOTTED USING REGIONAL OR MUNICIPAL TERANET AND BARS LOCATED IN THE FIELD. TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEY SHOULD BE PERFORMED PRIOR TO CONSTRUCTION.
3. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY. KERRY T. HOWE ENGINEERING LTD. ASSUMES NO LIABILITY FOR USE IN ANY OTHER WAY. CAD FILES OF THIS DRAWING ARE NOT CERTIFIED BY THE ENGINEER FOR USE BY OTHERS. USERS OF THESE CAD FILES ASSUME ALL RISK AND RESPONSIBILITY FOR VERIFYING THE CORRECTNESS OF ALL INFORMATION FOR ANY USE.

CONTROL POINTS (NAD 83 CSRS):

1. CP2 CC – SE CORNER OF RIDGE AND ELM TOP OF CURB. N4749412.654 E659105.256 EL187.927
2. CP7 CC – WEST SIDEWALK ON SOUTH MILL IN FRONT OF #207. N4749355.115 E658946.992 EL189.328
3. CP8 CC – NE CORNER OF PARK AND ELM IN SODEWALK. N4749410.689 E658719.794 EL190.796

DRAFTING	TP
DESIGN	TP/MJ
CHECKED BY	MJ
APPROVED BY	

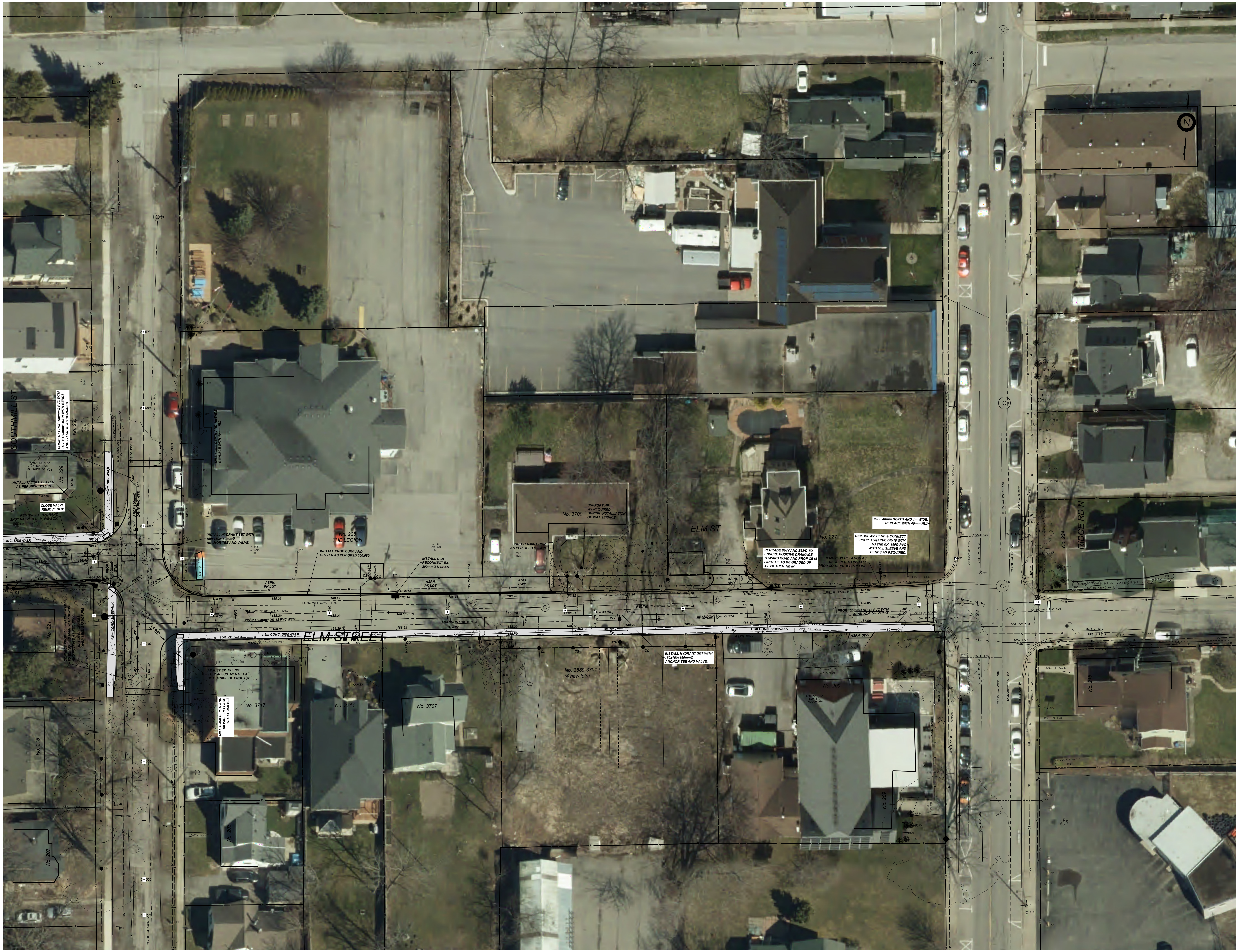
KERRY T. HOWE ENGINEERING LTD.
CONSULTING ENGINEERS
98 Church Street
St. Catharines, Ontario
(905) 688-6550

FORT ERIE
ONTARIO

ISE-24T--ELMS19
ROAD RECONSTRUCTION
ELM STREET
PARK STREET TO RIDGE ROAD NORTH
TOWN OF FORT ERIE
PLAN PROFILE

CONSULTANT FILE No.	22-016
DATE	OCT,2025
SCALE	HOR 1:200 VER: 1:50
REF. No.	ISE-24T--ELMS19
DWG No.	22-016 - PIC1
REV.	2

DRAWING FILE: W:\2022\22-016 Elm St. Wtmn, Stm Swr & Rd Reconstruction_FtErie\dwg\22-016_Work.dwg PLOTTED: Oct 07, 2025 – 1:38pm PLOTTED BY: tpitman


SOUTHMILL ST
ELM STREET
ELM ST
RIDGE RD N
CONNECT PROP 150mmØ PVC WTM TO EX 150mmØ MAIN WITH BENDS AND FITTINGS AS REQUIRED
No. 231
No. 229
WATER SERVICE ON SOUTHMILL IN FRONT OF #231
INSTALL TACTILE PLATES AS PER NPSCD'S (TYP.)
CLOSE VALVE REMOVE BOX
REMOVE EX. HYDRANT SHUT VALVE & REMOVE BOX.
1.5m CONC. SIDEWALK
PROP 150mmØ DR-18 PVC WTM
MILL 40mm DEPTH AND 1m WIDE. REPLACE WITH 40mm HL3
INSTALL HYDRANT SET WITH 150x150x150mmØ ANCHOR TEE AND VALVE.
DONATION BOXES
No. 228
THE LEGION
INSTALL PROP CURB AND GUTTER AS PER OPSD 600.080
INSTALL DCB RECONNECT EX. 200mmØ N LEAD
DCB14
ASPH. PK LOT
ASPH PARKING LOT
CURB TERMINATION AS PER OPSD 608.010
No. 3700
SUPPORT HP AS REQUIRED DURING INSTALLATION OF WAT SERVICE
RELINE EX.200mmø AC SAN.
EX.750mmø CONC STM.
ABANDON 100ø CI WTM.
1.2m CONC. SIDEWALK
CONC. SIDEWALK
REMOVE CONC SIDEWALK
CBMH1
CB12
CB13
CB15
PROP. 300mmØ STM.
R5.00m
R8.00m
R7.00m
R4.00m
CONNECT PROP 150mmØ PVC WTM TO EX 150mmØ MAIN WITH BENDS AND FITTINGS AS REQUIRED
MATCH EP GRADES OVER BELL STRUCTURE
No. 221
ADJUST EX. CB RIM STEP ADJUSTMENTS TO BE OUTSIDE OF PROP SW
No. 3717
No. 3711
No. 3707
No. 3689-3701
(4 new lots)
REGRADE DWY AND BLVD TO ENSURE POSITIVE DRAINAGE TOWARD ROAD AND PROP CB15 FIRST 1m TO BE GRADED UP AT 2% THEN TIE IN
No. 227
REMOVE VEGETATION AS REQUIRED TO INSTALL PROP CO AT PROPERTY LINE
REMOVE 45° BEND & CONNECT PROP. 150Ø PVC DR-18 WTM. TO THE EX. 150Ø PVC WITH M.J. SLEEVE AND BENDS AS REQUIRED.
MILL 40mm DEPTH AND 1m WIDE. REPLACE WITH 40mm HL3
PROP 150mmØ DR-18 PVC WTM
REDUCER
No. 209
SANITARY TO ELM ST. THOUGH MH
No. 224
No. 215
No. 207
188.55
188.53
188.49
188.46
188.43
188.40
188.34
188.29
188.23
188.17
188.10
188.15
188.20
188.25
188.24
188.18
188.12
188.06
187.99
188.35
188.41
188.16 (LP)
188.21
188.26
188.31
188.33 (HP)
188.30
188.05
188.47
188.50
188.42
6.00m
2.0%
1.0%
N

NO.	REVISION	DATE	INIT.
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2	ISSUED FOR 60% REVIEW AND ONLINE PIC	OCT/2025	TP
1	ISSUED FOR REVIEW	SEPT 2023	TP

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DESIGN TP/MJ
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ROAD RECONSTRUCTION
ELM STREET
PARK STREET TO RIDGE ROAD NORTH
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PLAN PROFILE

CONSULTANT FILE No. 22-016
DATE OCT,2025
SCALE HOR 1:200
VER: 1:50
REF. No. ISE-24T--ELMS19
DWG No. 22-016 - PIC2
REV. 2

DRAWING FILE: W:\2022\22-016 Elm St. Wtmn, Stm Swr & Rd Reconstruction_FtErie\dwg\22-016_Work.dwg PLOTTED: Oct 07, 2025 – 1:32pm PLOTTED BY: tpitman