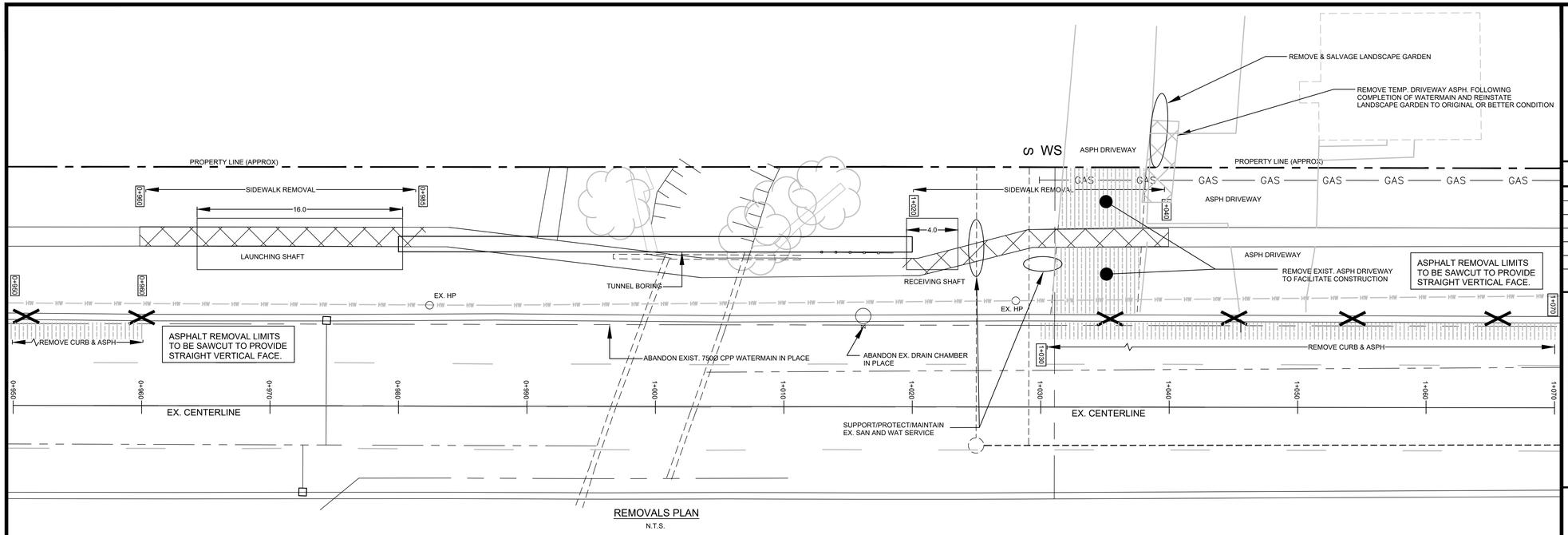
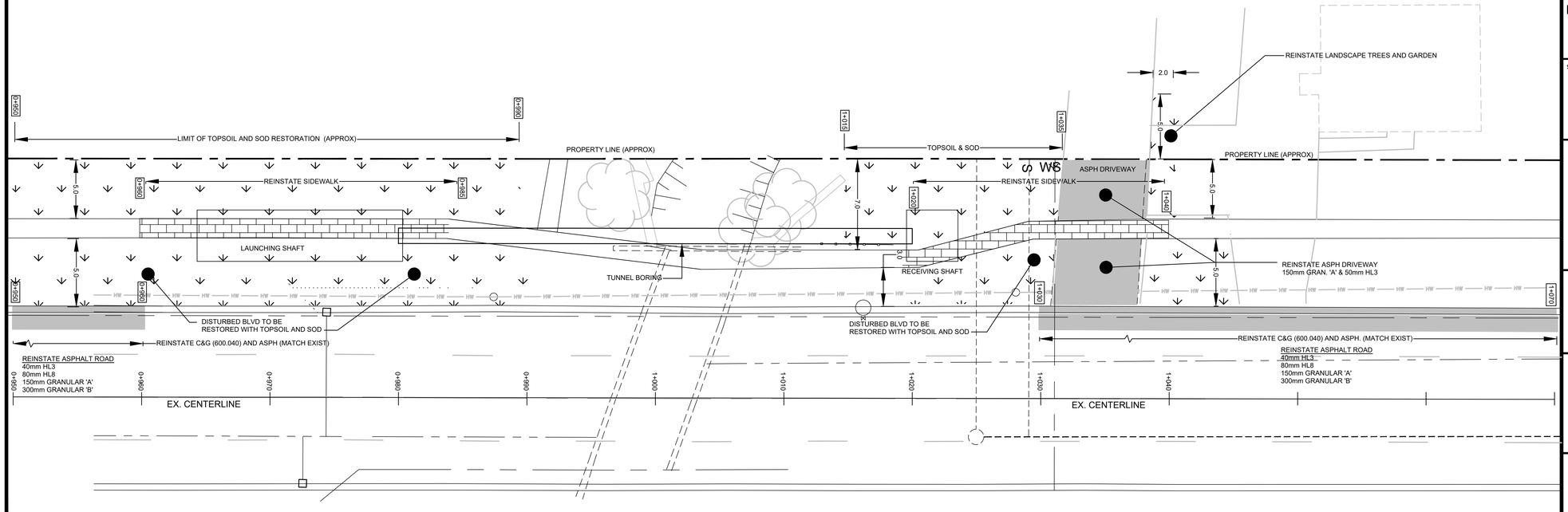


REMOVALS PLAN
N.T.S.



RESTORATION PLAN
N.T.S.

No.	REVISION	By	DATE
5	ISSUE FOR CONSTRUCTION	B.K.	OCTOBER 11 2024
4	ISSUE FOR TENDER	B.K.	AUGUST 2 2024
3	ISSUE FOR TENDER	B.K.	MARCH 20 2024
2	ISSUED FOR TENDER	B.K.	April 10 2023
1	ISSUED FOR DESIGN REVIEW	B.K.	SEPT. 9 2022

LEGEND

- CURB & GUTTER REMOVAL
- SDWK REMOVAL AREA
- ASPHALT REMOVAL
- SDWK RESTORATION AREA
- ASPHALT RESTORATION
- TOPSOIL & SOD REST. AREA

THE POSITION OF THE POLE LINES, CONDUITS, WATERMAINS, SEWERS, AND OTHER UTILITIES AND STRUCTURES ARE 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 CONFIRM THE POSITION AND EXACT LOCATION OF ALL SUCH UTILITIES, AND SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO THEM MADE DURING THE COURSE OF THE CONTRACT WORK.

JOB TITLE

TUCK CREEK FLOOD MITIGATION PHASE 2: NEW STREET WATERMAIN REPLACEMENT

BURLINGTON, ONTARIO

SHEET TITLE

REMOVAL AND RESTORATION PLAN

Professional Engineer Ontario — 03/20/2024
Limited Licensee
Name: BRADLEY JOHN VALLIS
Number: 100023527
Category: SEWERS; DESIGN OF ROADS AND HIGHWAYS
Limitations: This licence is subject to the limitations as detailed on the certificate.
Association of Professional Engineers of Ontario

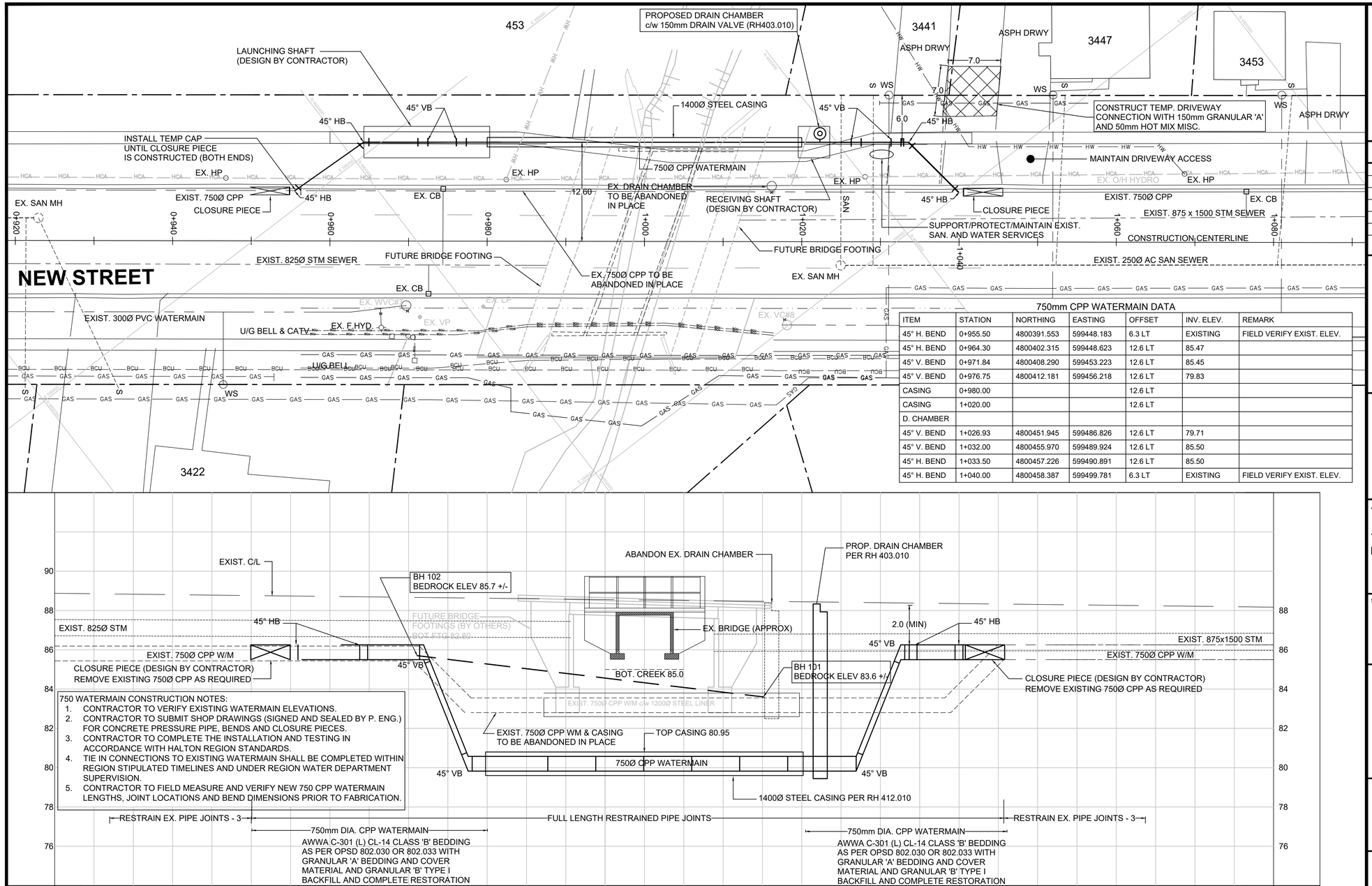
LICENSED PROFESSIONAL ENGINEER M. C. GUTHRIE 5/19/2023 PROVINCE OF ONTARIO

Aquafor Beech Limited
#6-202-2600 SKYMARK Ave,
MISSISSAUGA, ONTARIO, L4W 5B2
PHONE: (905) 629-0099, FAX: (905) 629-0089

CITY OF Burlington

PLANMAC ENGINEERING INC.

SCALE N.T.S.	REVIEWED BY: M.G.	CONTRACT No. ES-24-24	
DRAWN BY: MS	DESIGNED BY: B.K.	FILE No. 570.02.1092	
DATE: AUGUST 2 2024	SHEET NO: 5		



750mm CPP WATERMAIN DATA

ITEM	STATION	NORTHING	EASTING	OFFSET	INV. ELEV.	REMARK
45° H. BEND	0+955.50	4800391.553	599448.183	6.3 LT	EXISTING	FIELD VERIFY EXIST. ELEV.
45° H. BEND	0+964.30	4800402.315	599448.623	12.6 LT	85.47	
45° V. BEND	0+971.84	4800408.290	599453.223	12.6 LT	85.45	
45° V. BEND	0+976.75	4800412.181	599456.218	12.6 LT	79.83	
CASING	0+980.00			12.6 LT		
CASING	1+020.00			12.6 LT		
D. CHAMBER						
45° V. BEND	1+026.93	4800451.945	599486.826	12.6 LT	79.71	
45° V. BEND	1+032.00	4800455.970	599489.924	12.6 LT	85.50	
45° H. BEND	1+033.50	4800457.226	599490.891	12.6 LT	85.50	
45° H. BEND	1+040.00	4800458.387	599499.781	6.3 LT	EXISTING	FIELD VERIFY EXIST. ELEV.

750 WATERMAIN CONSTRUCTION NOTES:

1. CONTRACTOR TO VERIFY EXISTING WATERMAIN ELEVATIONS.
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS (SIGNED AND SEALED BY P. ENG.) FOR CONCRETE PRESSURE PIPE, BENDS AND CLOSURE PIECES.
3. CONTRACTOR TO COMPLETE THE INSTALLATION AND TESTING IN ACCORDANCE WITH HALTON REGION STANDARDS.
4. TIE IN CONNECTIONS TO EXISTING WATERMAIN SHALL BE COMPLETED WITHIN REGION STIPULATED TIMELINES AND UNDER REGION WATER DEPARTMENT SUPERVISION.
5. CONTRACTOR TO FIELD MEASURE AND VERIFY NEW 750 CPP WATERMAIN LENGTHS, JOINT LOCATIONS AND BEND DIMENSIONS PRIOR TO FABRICATION.

RESTRAIN EX. PIPE JOINTS - 3 | 750mm DIA. CPP WATERMAIN | FULL LENGTH RESTRAINED PIPE JOINTS | 750mm DIA. CPP WATERMAIN | RESTRAIN EX. PIPE JOINTS - 3

AWWA C-301 (L) CL-14 CLASS 'B' BEDDING AS PER OPSD 802.030 OR 802.033 WITH GRANULAR 'A' BEDDING AND COVER MATERIAL AND GRANULAR 'B' TYPE I BACKFILL AND COMPLETE RESTORATION

AWWA C-301 (L) CL-14 CLASS 'B' BEDDING AS PER OPSD 802.030 OR 802.033 WITH GRANULAR 'A' BEDDING AND COVER MATERIAL AND GRANULAR 'B' TYPE I BACKFILL AND COMPLETE RESTORATION

| | | | | | |