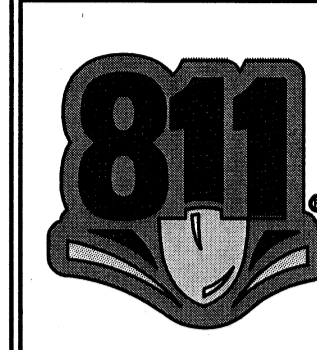


SE 1/4 OF THE SW 1/4, SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.

# 173RD WATER MAIN EXTENSION

173RD ST NE  
ARLINGTON, WA 98223



**CAUTION!**  
**CALL BEFORE YOU DIG!**  
BURIED UTILITIES EXIST IN THE AREA AND UTILITY INFORMATION SHOWN MAY NOT BE COMPLETE. CONTACT THE ONE-CALL UTILITY LOCATE SERVICE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION.  
**1-800-424-5555**

**APPLICANT**  
BAKER-MOR, LLC  
2711 E SPRAGUE AVE  
SPOKANE, WA 99202

**CONSULTANTS**  
**CIVIL ENGINEER**  
CG ENGINEERING  
250 4TH AVE S, SUITE 200  
EDMONDS, WA 98020  
425.778.8500 FAX 778.5536  
CONTACT: JARED UNDERBRINK

**SURVEYOR**  
METRON AND ASSOCIATES, INC  
307 N. OLYMPIC AVENUE, SUITE 205  
ARLINGTON, WA 98223  
360.435.3777  
CONTACT: THOMAS BARRY

**UTILITIES**  
**WATER/STORM**  
CITY OF ARLINGTON  
154 W COX AVE  
ARLINGTON, WA 98223

**SEWER**  
CITY OF MARYSVILLE  
80 COLUMBIA AVE  
MARYSVILLE, WA 98270

**VERTICAL DATUM**  
GPS TIE TO SNOHOMISH COUNTY SURVEY  
CONTROL POINT #1168  
ELEVATION=108.79' N.A.V.D. 88

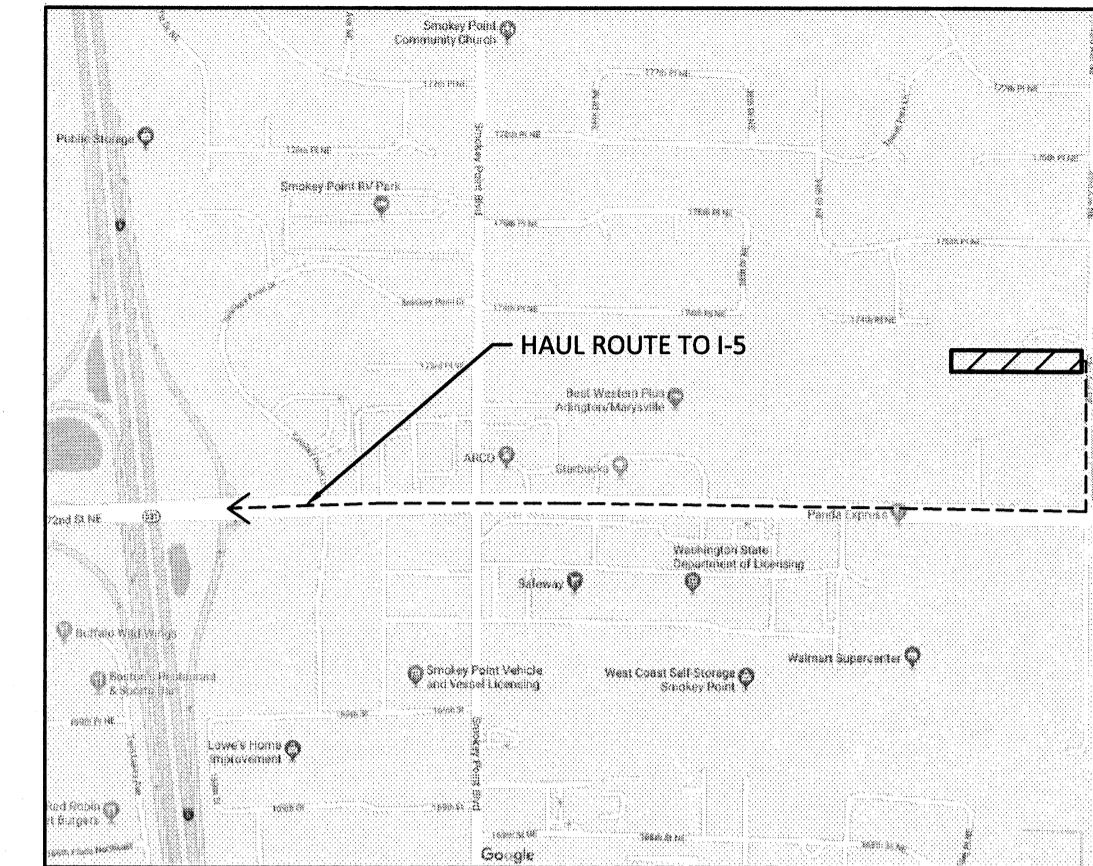
**HORIZONTAL DATUM**  
WASHINGTON STATE COORDINATE SYSTEM OF 1983, NORTH ZONE,  
NORTH AMERICAN DATUM OF 1983, 1991 ADJUSTMENT, (NAD83/91).  
GRID FACTOR: 0.999943975000  
CONVERGENCE: -1°00'46.08773"  
COMBINED GRID FACTOR: 0.999938733639

**SHEET INDEX**

C1.1	COVER SHEET & OVERALL SITE PLAN
C1.2	GENERAL NOTES (NOT INCLUDED)
C2.1	TEMPORARY EROSION CONTROL PLAN (NOT INCLUDED)
C2.2	TEMPORARY EROSION CONTROL DETAILS (NOT INCLUDED)
C3.1	WATER PLAN & PROFILE
C3.2	WATER PLAN & PROFILE
C3.3	WATER DETAILS (NOT INCLUDED)

**SUMMARY OF QUANTITIES (IN ROW AND EASEMENTS)**

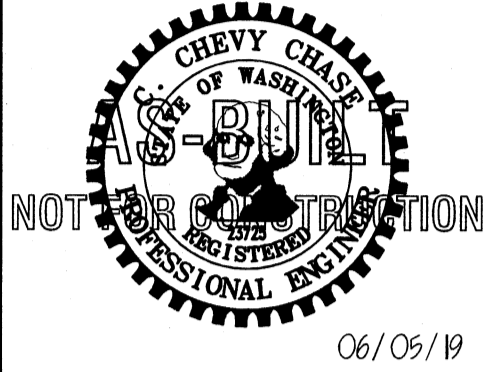
ITEM	QUANTITY	UNIT
NEW IMPERVIOUS AREA (PUBLIC)	0	SQUARE FEET
NEW IMPERVIOUS AREA (PRIVATE)	0	SQUARE FEET
DUCTILE IRON WATER MAIN (12")	4,225	LINEAR FEET
DUCTILE IRON WATER (6")	24 (AB)	LINEAR FEET
HDPE WATER MAIN (16")	200	LINEAR FEET
FIRE HYDRANT ASSEMBLIES	2	EACH
GATE VALVES (12")	45	EACH
GATE VALVES (8")	2 (AB)	EACH
GATE VALVES (6")	3 (AB)	EACH
GATE VALVES (4")	0	EACH
NON-RESIDENTIAL WATER SERVICES (<2")	0	EACH
NON-RESIDENTIAL WATER SERVICES (≥3")	0	EACH
PVC SEWER MAIN (10")	0	LINEAR FEET
PVC SEWER MAIN (8")	0	LINEAR FEET
SEWER MANHOLES (TYPE I)	0	EACH
SIDE SEWER (6")	0	EACH
STORM DRAIN PIPE (12")	0	LINEAR FEET
CATCH BASINS (TYPE I)	0	EACH



**VICINITY MAP**  
NTS ★ = PROJECT SITE

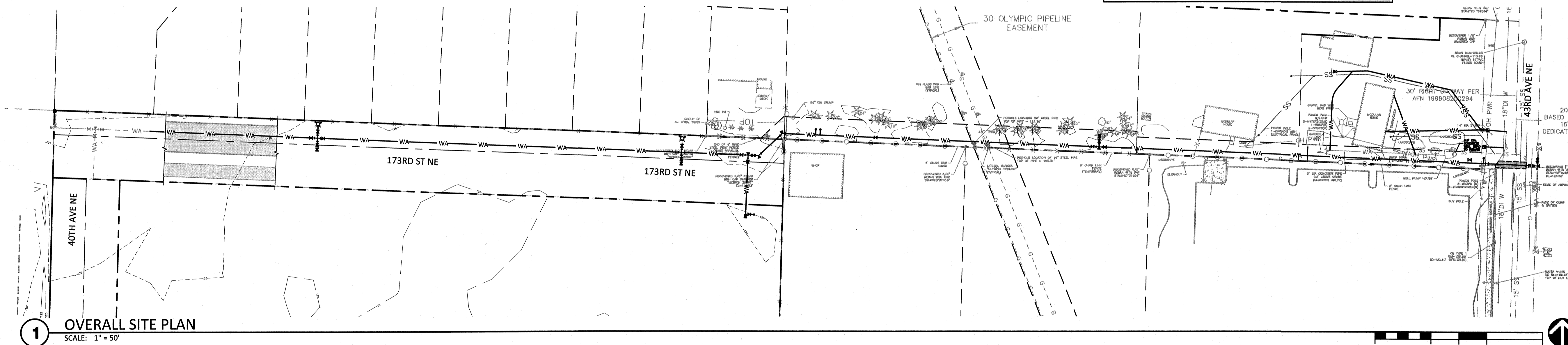
**(AB)** DENOTES AS-BUILT VALUE  
"THESE RECORD DRAWINGS HAVE BEEN PREPARED BASED ON CONSTRUCTION RECORDS AND AS-BUILT INFORMATION PROVIDED BY OTHERS. CG ENGINEERING HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION"

**CG ENGINEERING**  
250 4TH AVE. S., SUITE 200  
EDMONDS, WASHINGTON 98020  
PHONE (425) 778-8500  
FAX (425) 778-5536



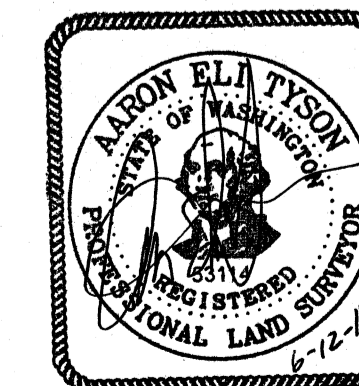
MARK	DATE	DESCRIPTION
	08/16/18	PERMIT SUBMITTAL
	09/07/18	OPL SUBMITTAL
	10/29/18	PERMIT RESUBMITTAL
	04/19/19	AS-BUILT SUBMITTAL
	06/05/19	AS-BUILT RESUBMITTAL

DESIGN: VD  
DRAWN: ATD  
CHECK: JPU  
JOB NO: 17429.25  
DATE: 08/16/18



**1 OVERALL SITE PLAN**  
SCALE: 1" = 50'

**AS-BUILT DRAWING REVIEW ACKNOWLEDGMENT**  
THIS PLAN HAS BEEN REVIEWED FOR GENERAL CONFORMANCE WITH THE DESIGN INTENT. THIS PLAN REPRESENTS THE AS-BUILT CONDITIONS OF THE NEW CONSTRUCTION BASED UPON INFORMATION PROVIDED BY THE CONTRACTOR AND SURVEYOR. INFORMATION HEREIN HAS NOT BEEN FIELD VERIFIED BY THE CITY OF ARLINGTON. THE ENGINEER HEREBY CERTIFIES BASED UPON THE METHODOLOGY DESCRIBED ABOVE, AS-BUILT PLAN IS CONSISTENT WITH THE DESIGN INTENT AND ACCURATELY REPRESENTS THE EXISTING CONDITION.  
BY: Gregory Charles CITY ENGINEER, CITY OF ARLINGTON  
DATE: 6/24/19



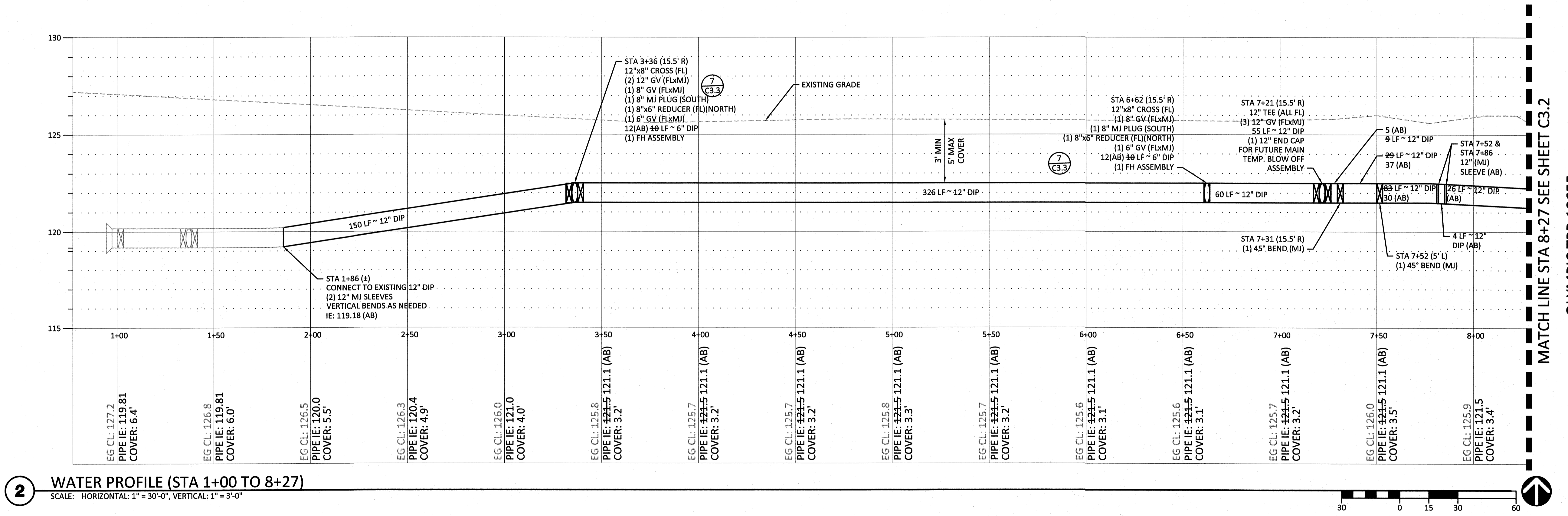
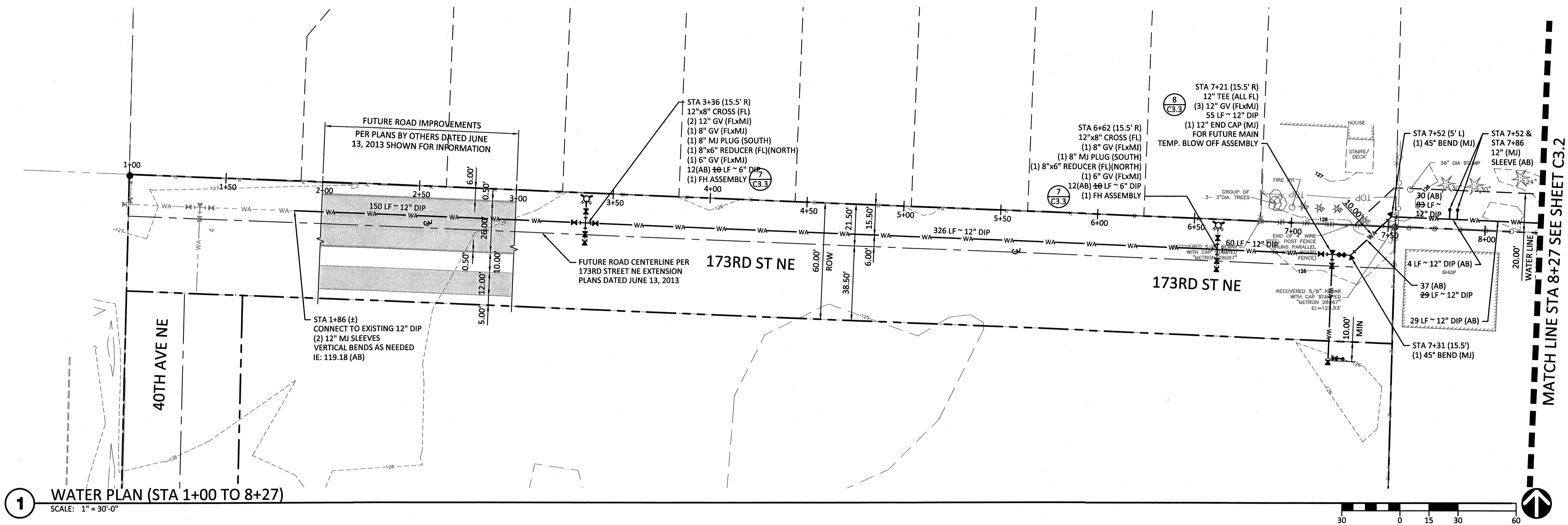
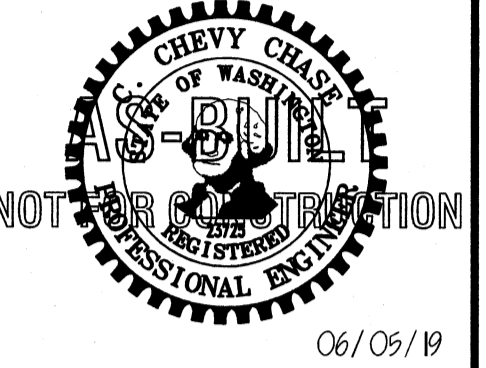
**SURVEY CERTIFICATE**  
I HEREBY CERTIFY THAT THE PORTIONS OF THE AS-BUILT PLANS SURVEYED BY ME OR UNDER MY DIRECTIONS ARE CORRECTLY REPRESENTED ON THE AS-BUILT PLAN.

OLYMPIC TPR 10655  
173RD WATER MAIN EXTENSION  
173RD ST NE  
ARLINGTON, WA 98223  
COVER SHEET AND  
OVERALL SITE PLAN

SHEET:

**C1.1**

SE 1/4 OF THE SW 1/4, SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.



- NOTES:**
- THRUST BLOCKING REQUIRED AT ALL BENDS, TEES, PLUGS, REDUCERS, & CAPS UNLESS OTHERWISE SPECIFIED PER CITY STANDARD DETAILS W-160, W-165, W-170, W-175. SEE C3.3.
  - VALVES PER CITY STANDARD DETAIL W-190. SEE C3.3.
  - TRENCHING PER CITY STANDARD DETAIL W-270. SEE C3.3.
  - ADDITIONAL HORIZ. AND VERT. BENDS MAY BE ADDED PER CITY OF ARLINGTON STANDARDS AS FIELD CONDITIONS WARRANT.
  - CONTACT KIRK PRESTON - OPL DAMAGE PREVENTION SPECIALIST (206.786.1703) A MINIMUM OF 48 HOURS BEFORE COMMENCING WORK NEAR THE OPL.
  - RELOCATION PERMITS REQUIRED FROM CITY OF MARYSVILLE FOR AFFECTED WATER & SEWER SERVICES.

**(AB)** DENOTES AS-BUILT VALUE

"THESE RECORD DRAWINGS HAVE BEEN PREPARED BASED ON CONSTRUCTION RECORDS AND AS-BUILT INFORMATION PROVIDED BY OTHERS. CG ENGINEERING HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION"

AS-BUILT DRAWING APPROVAL

THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET.

BY: *[Signature]*  
 City Engineer, CITY OF ARLINGTON

DATE: 6/24/19

MARK	DATE	DESCRIPTION
	08/16/18	PERMIT SUBMITTAL
	09/07/18	OPL SUBMITTAL
	10/29/18	PERMIT RESUBMITTAL
	04/19/19	AS-BUILT SUBMITTAL
	06/05/19	AS-BUILT RESUBMITTAL

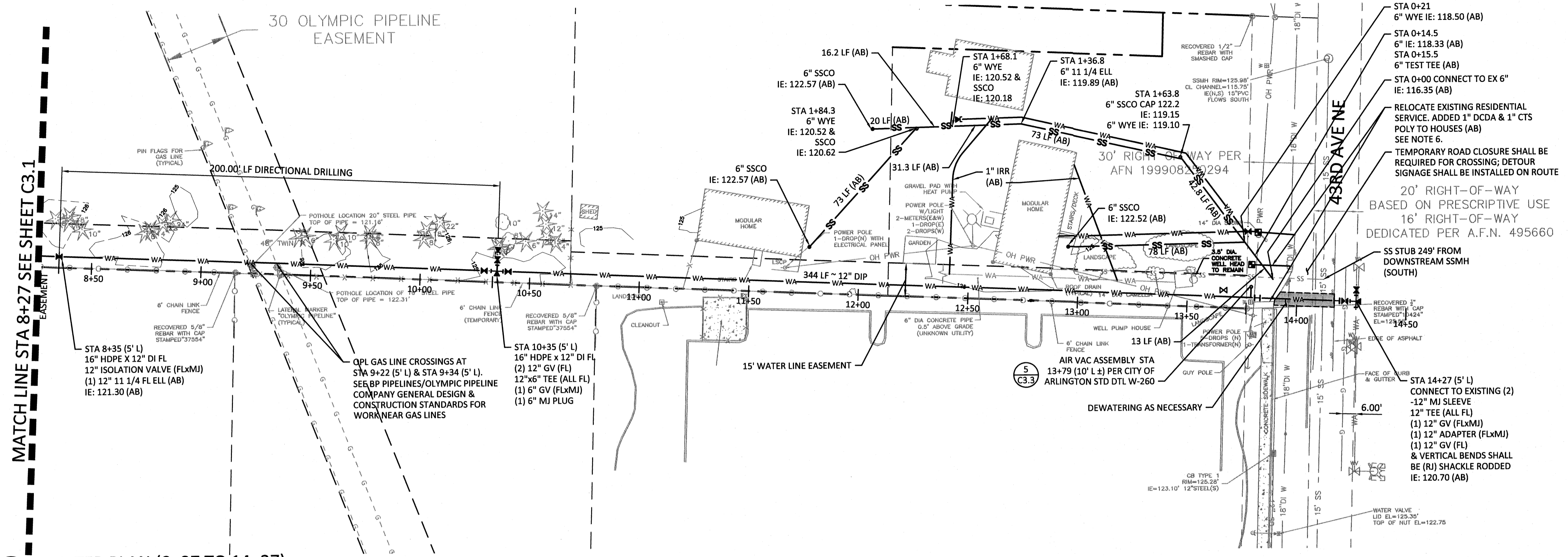
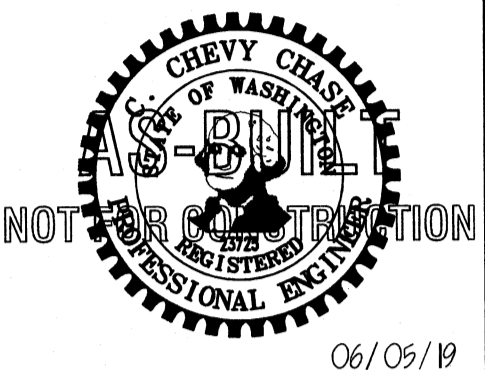
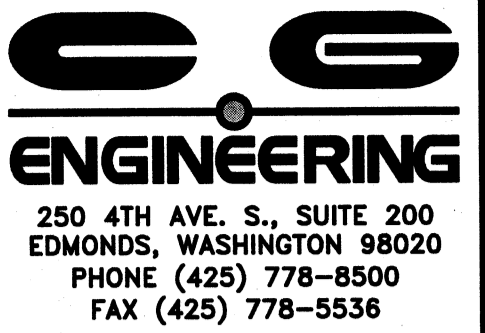
DESIGN: VD  
 DRAWN: ATD  
 CHECK: JPU  
 JOB NO: 17429.25  
 DATE: 08/16/18

173RD WATER MAIN EXTENSION  
 173RD ST NE  
 ARLINGTON, WA 98223

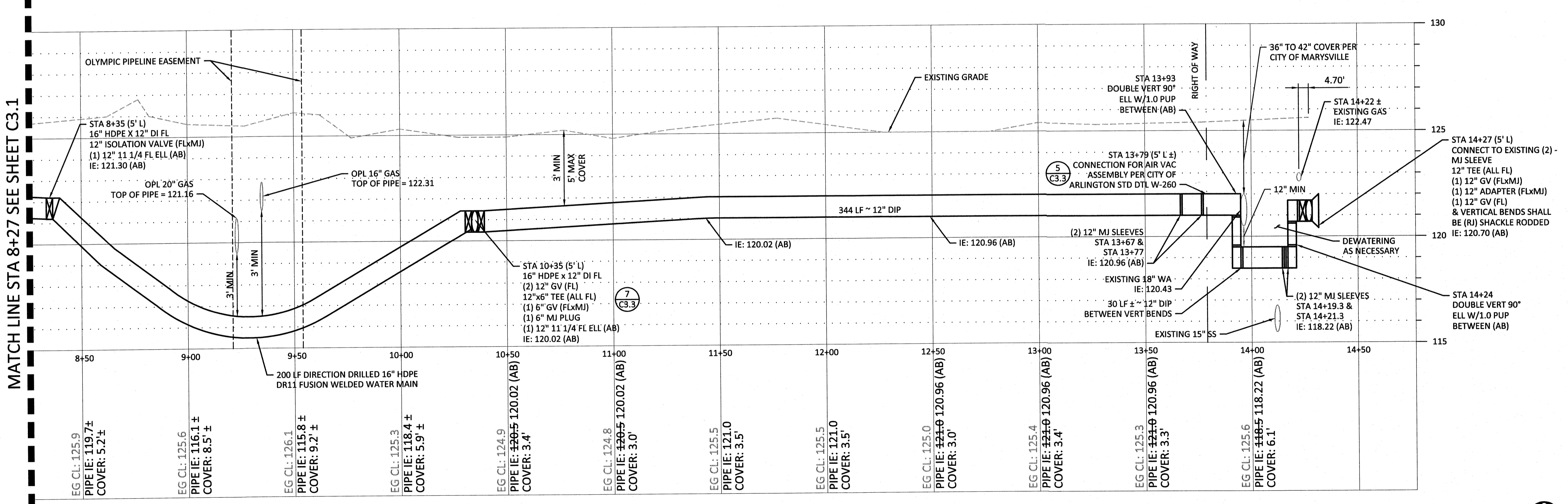
**WATER PLAN AND PROFILE**

SHEET: **C3.1**

SE 1/4 OF THE SW 1/4, SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.



1 WATER PLAN (8+27 TO 14+27)  
SCALE: 1" = 30'-0"



2 WATER PROFILE (8+27 TO 14+27)  
SCALE: HORIZONTAL: 1" = 30'-0", VERTICAL: 1" = 3'-0"

- NOTES:
- THRUST BLOCKING REQUIRED AT AL BENDS, TEES, PLUGS, REDUCERS, & CAPS UNLESS OTHERWISE SPECIFIED PER CITY STANDARD DETAILS W-160, W-165, W-170, W-175. SEE C3.3.
  - VALVES PER CITY STANDARD DETAIL W-190. SEE C3.3.
  - TRENCHING PER CITY STANDARD DETAIL W-270. SEE C3.3.
  - ADDITIONAL HORIZ. AND VERT. BENDS MAY BE ADDED PER CITY OF ARLINGTON STANDARDS AS FIELD CONDITIONS WARRANT.
  - CONTACT KIRK PRESTON - OPL DAMAGE PREVENTION SPECIALIST (206.786.1703) A MINIMUM OF 48 HOURS BEFORE COMMENCING WORK NEAR THE OPL.
  - RELOCATION PERMITS REQUIRED FROM CITY OF MARYSVILLE FOR AFFECTED WATER & SEWER SERVICES.

(AB) DENOTES AS-BUILT VALUE

"THESE RECORD DRAWINGS HAVE BEEN PREPARED BASED ON CONSTRUCTION RECORDS AND AS-BUILT INFORMATION PROVIDED BY OTHERS. CG ENGINEERING HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION"

AS-BUILT DRAWING APPROVAL

THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET.

By: *[Signature]*  
City Engineer, CITY OF ARLINGTON

Date: 6/24/18

OLYMPIC TPR 10655

173RD WATER MAIN EXTENSION  
173RD ST NE  
ARLINGTON, WA 98223

DESIGN: VD  
DRAWN: ATD  
CHECK: JPU  
JOB NO: 17429.25  
DATE: 08/16/18

WATER PLAN AND PROFILE  
FILE NAME

SHEET:

C3.2