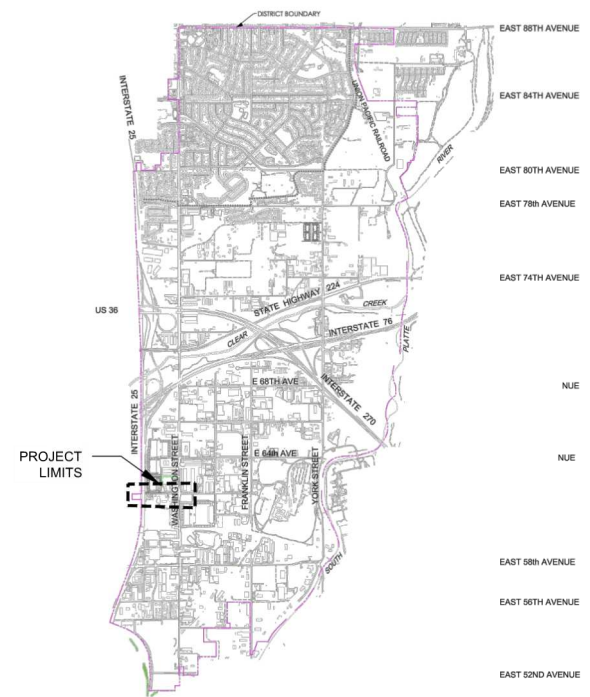




NORTH WASHINGTON STREET WATER & SANITATION DISTRICT ADAMS COUNTY, COLORADO 62ND AVENUE IMPROVEMENTS - WATER PLANS

3172 E 78TH AVENUE
DENVER, COLORADO



VICINITY MAP
SCALE: NTS

SHEET INDEX	
NOTES-1	NORTH WASHINGTON STANDARD WATER NOTES & ADAMS COUNTY NOTES
NOTES-2	DENVER WATER STANDARD NOTES
C-001	WATER ONLY PLAN STA 0+00 TO 7+75
C-002	WATER ONLY PLAN STA 7+75 TO 15+50
C-003	PLAN & PROFILE STA 0+00 TO 2+10
C-004	PLAN & PROFILE STA 2+10 TO 7+75
C-005	PLAN & PROFILE STA 7+75 TO 13+40
C-006	PLAN & PROFILE STA 13+40 TO 15+50
C-007	STANDARD WATER DETAILS
C-008	STANDARD WATER DETAILS
C-009	STANDARD WATER DETAILS

FIRE HYDRANT ASSEMBLY LOCATIONS		
STREET	STA	REPLACE OR REMAIN
C-004	06+07	REPLACE EXIST
C-005	08+80	REMAN
C-005	12+37	REPLACE EXIST
C-006	17+00	REMAN

FIRE SERVICE LOCATIONS		
STREET	SIZE	TAP#
C-004	8-INCH	X23731
C-006	6-INCH	X30977

WATER SERVICE METER LOCATIONS		
ADDRESS	SIZE	TAP#
80 EAST 62ND AVENUE	4-INCH	172901
500 EAST 62ND AVENUE	1 1/2-INCH	172902
6245 WASHINGTON STREET	1 1/2-INCH	332714
6190 LOGAN STREET	3/4-INCH	332721
440 EAST 62ND AVENUE	3/4-INCH	171697

MATERIAL LIST		
DESCRIPTION	QTY.	UNIT
12-INCH C900 PVC, DR 18	1,026	LF
10-INCH C900 PVC, DR 18	43	LF
8-INCH C900 PVC, DR 18	427	LF
6-INCH DIP, CLASS 52	32	LF
12-INCH GATE VALVE	5	EA
8-INCH GATE VALVE	5	EA
6-INCH GATE VALVE	4	EA
4-INCH GATE VALVE	2	EA
12-INCH BEND	2	EA
10-INCH BEND	2	EA
8-INCH BEND	5	EA
4-INCH BEND	2	EA
12-INCH X 8-INCH SWIVEL TEE	1	EA
12-INCH X 6-INCH SWIVEL TEE	4	EA
8-INCH X 8-INCH SWIVEL TEE	1	EA
8-INCH X 4-INCH SWIVEL TEE	1	EA
12-INCH X 10-INCH REDUCER	1	EA
12-INCH X 8 INCH REDUCER	1	EA
THRUST BLOCKS	19	EA
10-INCH TRANSITION COUPLING	1	EA
8-INCH TRANSITION COUPLING	2	EA
6-INCH TRANSITION COUPLING	2	EA
4-INCH TRANSITION COUPLING	1	EA
FIRE HYDRANT ASSEMBLY	2	EA
8-INCH DIP, CLASS 52 FIRE SERVICE	292	LF
4-INCH DIP, CLASS 52 WATER SERVICE	52	LF
1 1/2-INCH WATER SERVICE	19	LF
3/4-INCH WATER SERVICE	10	LF
4-INCH METER VAULT	1	EA
1 1/2-INCH METER VAULT	1	EA
3/4-INCH METER PIT	2	EA
2" BLOWOFF	1	EA
WATER MAIN RECONNECTION	3	EA

STANDARD ABBREVIATIONS			
ACP	ABESTOS CEMENT PIPE	LF	LINEAR FEET
ALGN	ALIGNMENT	LOCN	LIMITS OF CONSTRUCTION
ANNO	ANNOTATION	PIPE	PIPING
BM	BENCHMARK	POND	PONDS
BORE	BORINGS	PROF	PROFILE
CATH	CATHODIC PROTECTION SYSTEM	PROP	PROPERTY
CL	CENTERLINE	PVC	POLY CHLORIDE PIPE
DIA	DIAMETER	PVMT	PAVEMENT
DTH	DITCHES OR WASHES	RAIL	RAILROAD
EL	ELEVATION	ROAD	ROADWAYS
EROS	EROSION AND SEDIMENT CONTROL	RRAP	RIPRAP
ESMT	EASEMENTS	RWAY	ROADWAY
EXIST	EXISTING	SECT	SECTION
FENC	FENCES	SSWR	SANITARY SEWER
FH	FIRE HYDRANT	STRM	STORM SEWER
FLHA	FLOOD HAZARD AREA	SURV	SURVEY
GATE	GATE	SWLK	SIDEWALKS
GRAD	GRADING WORK	TOPO	TOPOGRAPHIC
GRID	GRIDS	TRAF	TRAFFIC
GRLN	GRADE LINE	TRAL	TRAILS OR PATHS
INV	INVERT	UTIL	UTILITIES
IRRG	IRRIGATION	VERT	VERTICAL
JNTS	JOINTS	W	WITH
LAND	LAND	VERT	VERTICAL

LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	FIRE HYDRANT		ABANDONED
	OPEN GATE VALVE		3" WATER
	CLOSED GATE VALVE		4" WATER
	CORP STOP		6" WATER
	SLEEVE		8" WATER
	TRANSITION COUPLING		10" WATER
	REDUCER		12" WATER
	TEE AND CROSS FITTINGS		EASEMENT
	HORIZONTAL BEND FITTING		WATER METER
	VERTICAL BEND FITTING		PROPERTY LINE
	PLUG		FLOW LINE

Approved for Construction
Approval Valid for 1-year

Date: 5/30/2023 Plan#: 21834

District#: M192 District: N WASHINGTON

DENVER WATER

Paul R. Peloquin

Paul R. Peloquin
Interagency Project Manager - Distr. Intergov. Plan & Coord.

REVIEWED
For Fire Code Compliance

By: Whitney Even

Date: 05/30/2023

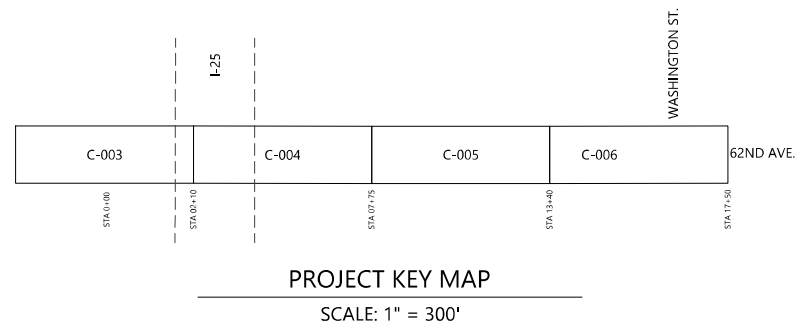
This review does not approve any aspect that does not strictly comply with the applicable codes and standards.

REQUIRED FIRE FLOW: 1,000 gpm

ALL FIRE HYDRANTS SHALL BE INSTALLED ACCORDING TO DENVER WATER DEPARTMENT STANDARDS. THE NUMBER AND LOCATION OF THE FIRE HYDRANTS AND FIRE FLOW AS SHOWN ON THE WATER MAIN INSTALLATION IS CORRECT AS SPECIFIED BY THE ADAMS COUNTY FIRE PROTECTION DISTRICT (A.C.F.P.D.)

Whitney Even, Fire Marshal
(SIGNATURE OF FIRE CHIEF OR DESIGNATED REPRESENTATIVE)

5/30/2023
(DATE SIGNED)



PROJECT KEY MAP
SCALE: 1" = 300'

PROJECT DIRECTORY

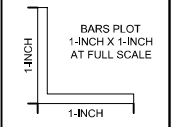
OWNER:
NORTH WASHINGTON STREET WATER & SANITATION DISTRICT
3172 E 78TH AVE
DENVER, CO 80229
303-288-6664

ENGINEER:
JUNE ENGINEERING & PLANNING, LLC
ALEX M. STELZER, PE
11990 GRANT ST, SUITE 550
NORTHGLENN, CO 80233
805-798-3109



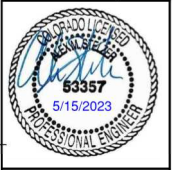
APPROVED THIS 30th DAY OF MAY, 2023
BY THE NORTH WASHINGTON STREET WATER AND SANITATION DISTRICT FOR CONSTRUCTION OF SANITARY SEWER MAIN LINES AS SHOWN HEREON.

Paul R. Peloquin
DISTRICT MANAGER



REVISIONS	
NO.	DATE

NORTH WASHINGTON STREET
WATER & SANITATION DISTRICT
62ND AVENUE IMPROVEMENTS - WATER
WATER IMPROVEMENTS - COVER



DATE	MAY, 2023
JOB NO.	1001.21003
CLIENT	NORTH WASHINGTON STREET WATER AND SANITATION DISTRICT
	IFB
	CIVIL
SHEET	COVER

G:\My Drive\JEP LLC\North Washington\Adams County Improvements\62nd Ave\Design\CAD\02_Sheets\Water Improvements.dwg