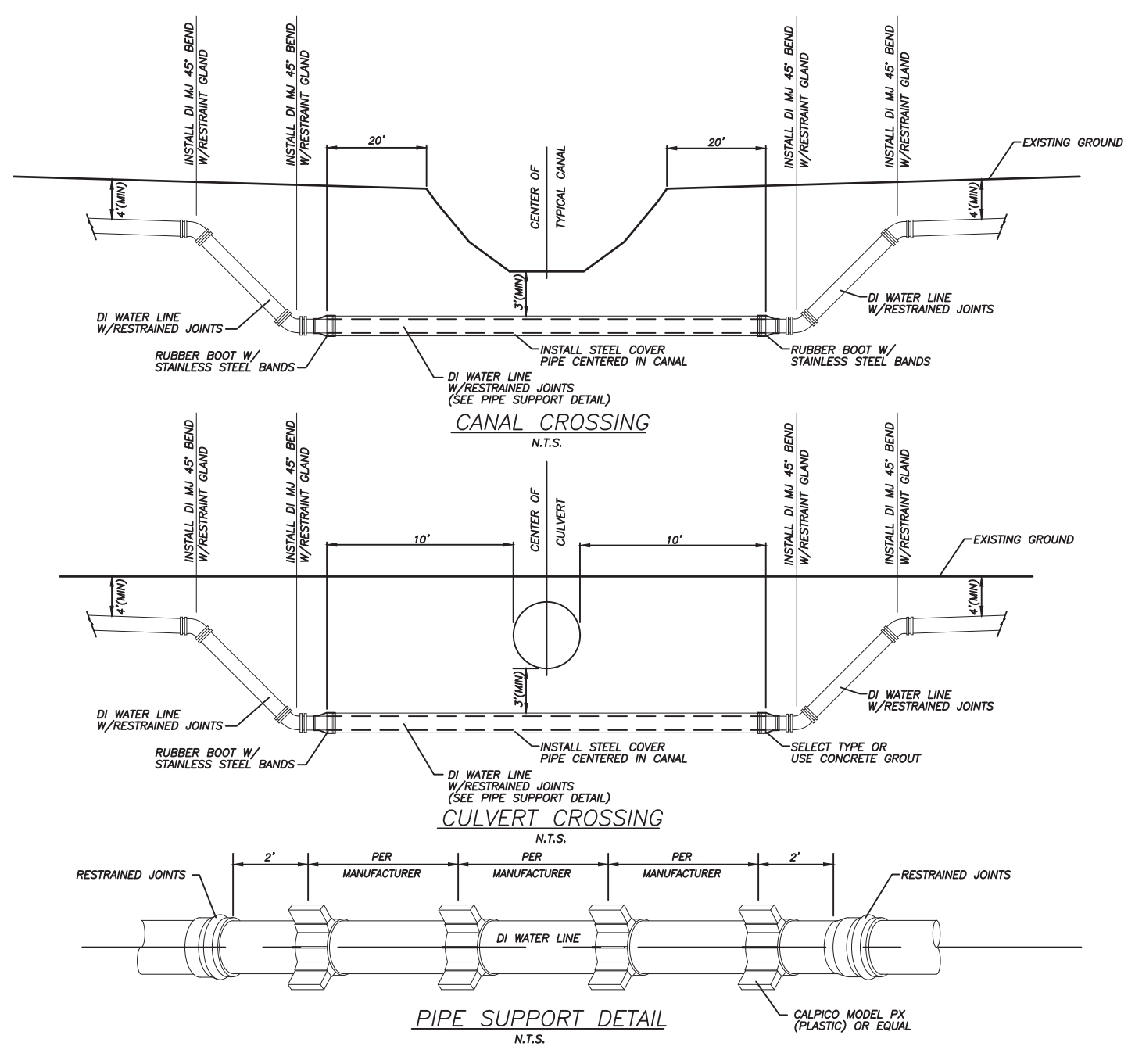


JULY 2021	JUNE 2022	AUGUST 2022	SEPTEMBER 2022	FEBRUARY 2023	MAY 2023	FEBRUARY 2024	JULY 2024
<p>ADA COUNTY STARTS RECEIVING NOTIFICATIONS AND WORKS WITH IDWR TO MAP AT RISK WELLS (100 FT OR SHALLOWER) IN GIS</p>	<p>ADA COUNTY POSTS WATER INFORMATION AND LINKS TO WEBSITE AND STARTS INTERNAL ARPA FUNDING REVIEW PROCESS</p>	<p>ADA COUNTY BOARD OF COUNTY COMMISSIONERS APPROVE APPROXIMATELY \$2.6 MILLION DOLLARS FOR PHASE ONE</p>	<p>VEOLIA PROVIDES ENGINEERING DRAWINGS FOR CONSTRUCTION</p>	<p>ADA COUNTY-VEOLIA CONTRACT APPROVAL</p>	<p>CONTRACT SUBMITTED TO THE PUC FOR APPROVAL</p>	<p>PHASED CONSTRUCTION START</p>	<p>CONSTRUCTION COMPLETE</p>
			<p>DECEMBER 2022 ADA COUNTY CONTRACTS WITH HDR FOR REGIONAL WELLS STUDY</p>		<p>OCTOBER 2023 REGIONAL WELLS STUDY PRELIMINARY RESULTS COMPLETE</p>		



D.I. PIPE SIZE	CASING SIZE
4"	10"
6"	16"
8"	16"
12"	24"
16"	30"

casing shall be 1/4" wall unless otherwise specified

CROSSING DETAILS

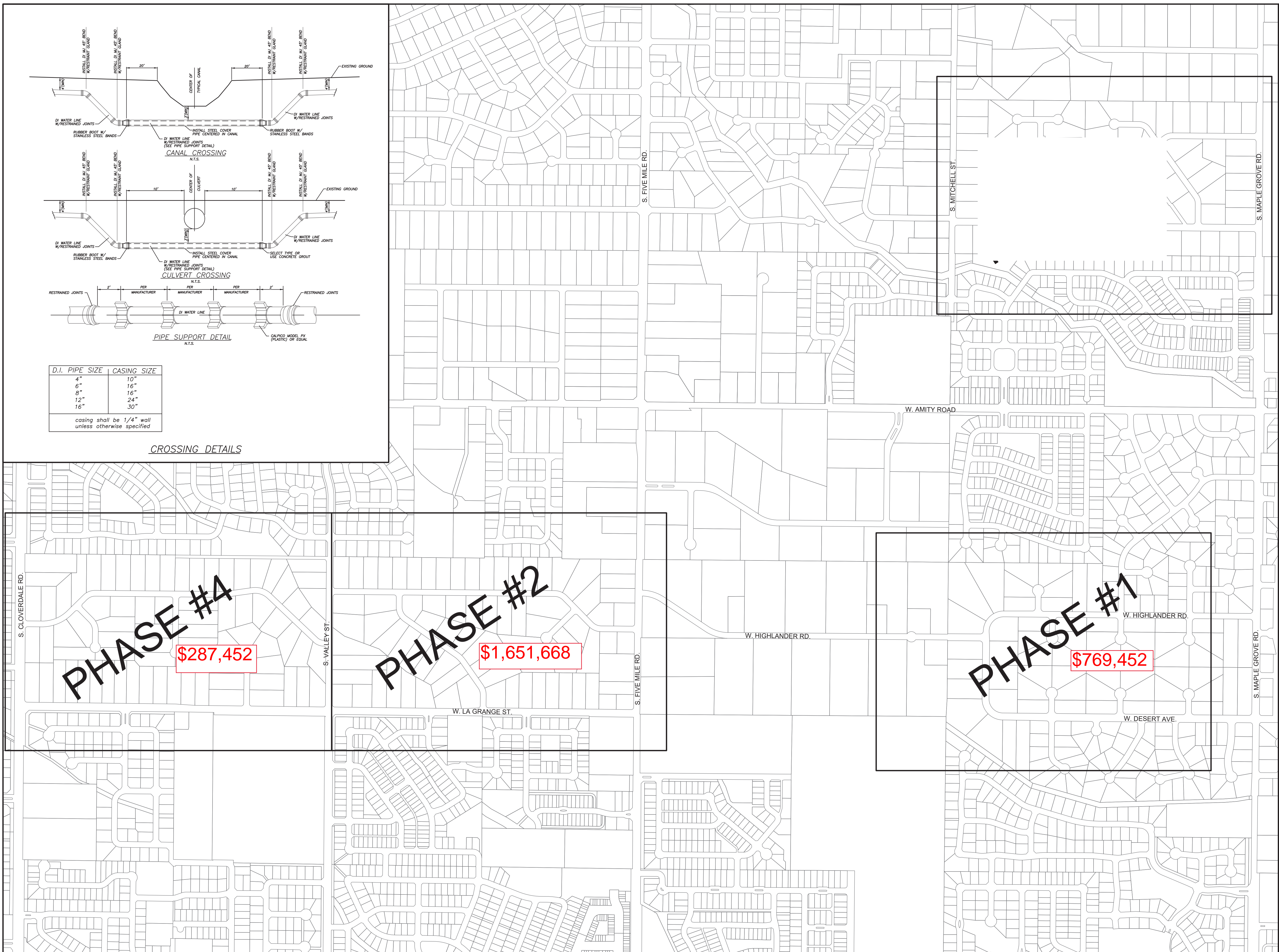


TABLE OF CONTENTS

- SHEET 1-W. DESERT AVE. & W. HIGHLANDER DR. PHASE 1
- SHEET 2-W. HIGHLANDER AND S. VALLEY ST. PHASE 2
- SHEET 3-W. HIGHLANDER AND S. VALLEY ST. PHASE 2
- SHEET 4-W. HIGHLANDER DR. PHASE 4
- SHEET 5-W. BIENAPFL DR. PHASE 3
- SHEET 6-W. BIENAPFL DR. PHASE 3

NOTES

ALL WATER LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST VERSION OF ISPWC AND VEOLIA SUPPLEMENTAL SPECIFICATIONS TO ISPWC AND STANDARD DRAWINGS.

THE SEAL BELOW RELATES TO THE WATER SYSTEM DESIGN ONLY. ALL OTHER UTILITIES, RIGHTS OF WAY AND RELATED SURVEY DATA ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.

THE HORIZONTAL SEPARATION OF THE WATER AND NON-POTABLE MAINS SHALL BE A MINIMUM OF 10 FEET, WHERE IT IS NECESSARY FOR THE WATER AND NON-POTABLE MAINS TO CROSS EACH OTHER AND THE NON-POTABLE MAIN IS LESS THAN 18 INCHES BELOW OR ABOVE THE WATER MAIN, THE NON-POTABLE MAIN SHALL BE CONSTRUCTED WITH 150 PSI CLASS WATER PIPE FOR A DISTANCE OF 10 FEET ON BOTH SIDES OF THE WATER MAIN. ONE FULL LENGTH OF BOTH WATER MAIN AND NON-POTABLE LINE SHALL BE CENTERED AT THE CROSSING POINT SO THAT ALL JOINTS WILL BE AS FAR FROM THE CROSSING AS POSSIBLE. A SEPARATION DISTANCE OF 25 FEET SHALL BE MAINTAINED FROM THE WATER MAIN TO ANY SUBSURFACE DISPOSAL SYSTEM.

ALL PVC WATER MAINS AND APPURTENANCES SHALL BE C-900 AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

ALL PVC PIPE JOINTS SHALL BE RESTRAINED WITH UNI-FLANGE BELL RESTRAINT OR EQUAL.

ALL PIPE SHALL BE BURIED AT A DEPTH OF FOUR (4) FEET FROM EXISTING GRADE TO TOP OF PIPE.

ALL PIPE AND CONNECTIONS SHALL BE FIELD TESTED AT 150 PSI.

CONTRACTOR RESPONSIBLE FOR OBTAINING ACHD ROAD PERMITS.

CONTRACTOR RESPONSIBLE FOR ALL FIELD LOCATES PRIOR TO CONSTRUCTION.

LEGEND

- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED BLOW-OFF
- PROPOSED GATE VALVE
- PROPOSED SINGLE SERVICE
- PROPOSED COMMON SERVICE
- EXISTING FIRE HYDRANT W/VALVE
- EXISTING GATE VALVE
- EXISTING SERVICE
- EXISTING WATER LINE
- EXISTING BLOW-OFF

CROSSING CONFLICT NOTES

- POSSIBLE STORM DRAIN CROSSING CONFLICT
- POSSIBLE IRRIGATION CROSSING CONFLICT
- POSSIBLE FIBEROPTIC CROSSING CONFLICT
- POSSIBLE SANITARY SEWER CROSSING CONFLICT
- POSSIBLE GAS CROSSING CONFLICT

12" PVC RESTRAINT LENGTHS

- D.E. - 108'
- 90' - 39'
- 45' - 16'
- 22.5' - 8'
- 11.25' - 4'

8" PVC RESTRAINT LENGTHS

- D.E. - 76'
- 90' - 28'
- 45' - 12'
- 22.5' - 6'
- 11.25' - 3'

6" PVC RESTRAINT LENGTHS

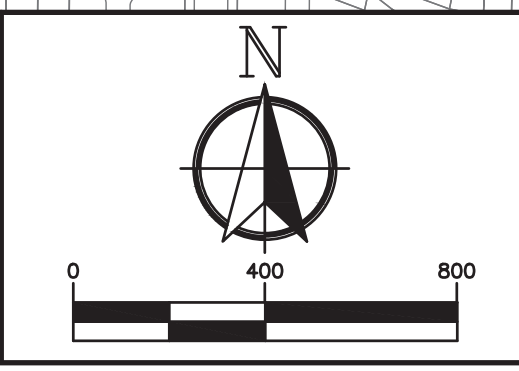
- D.E. - 58'
- 90' - 22'
- 45' - 9'
- 22.5' - 5'
- 11.25' - 3'

VEOLIA INSPECTION

Inspector:	Date of As-built:	PIPE AND SERVICE COUNT:
Contractor:		
Foreman:		

VEOLIA GIS INFORMATION

Flushing Zone:	CW WO No.:
----------------	------------



ENGINEER INFORMATION

--	--

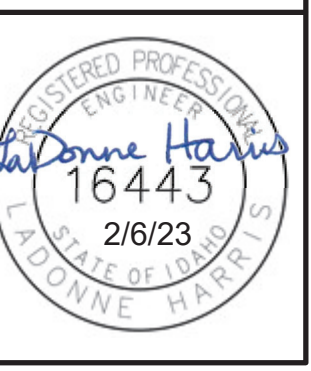
--	--

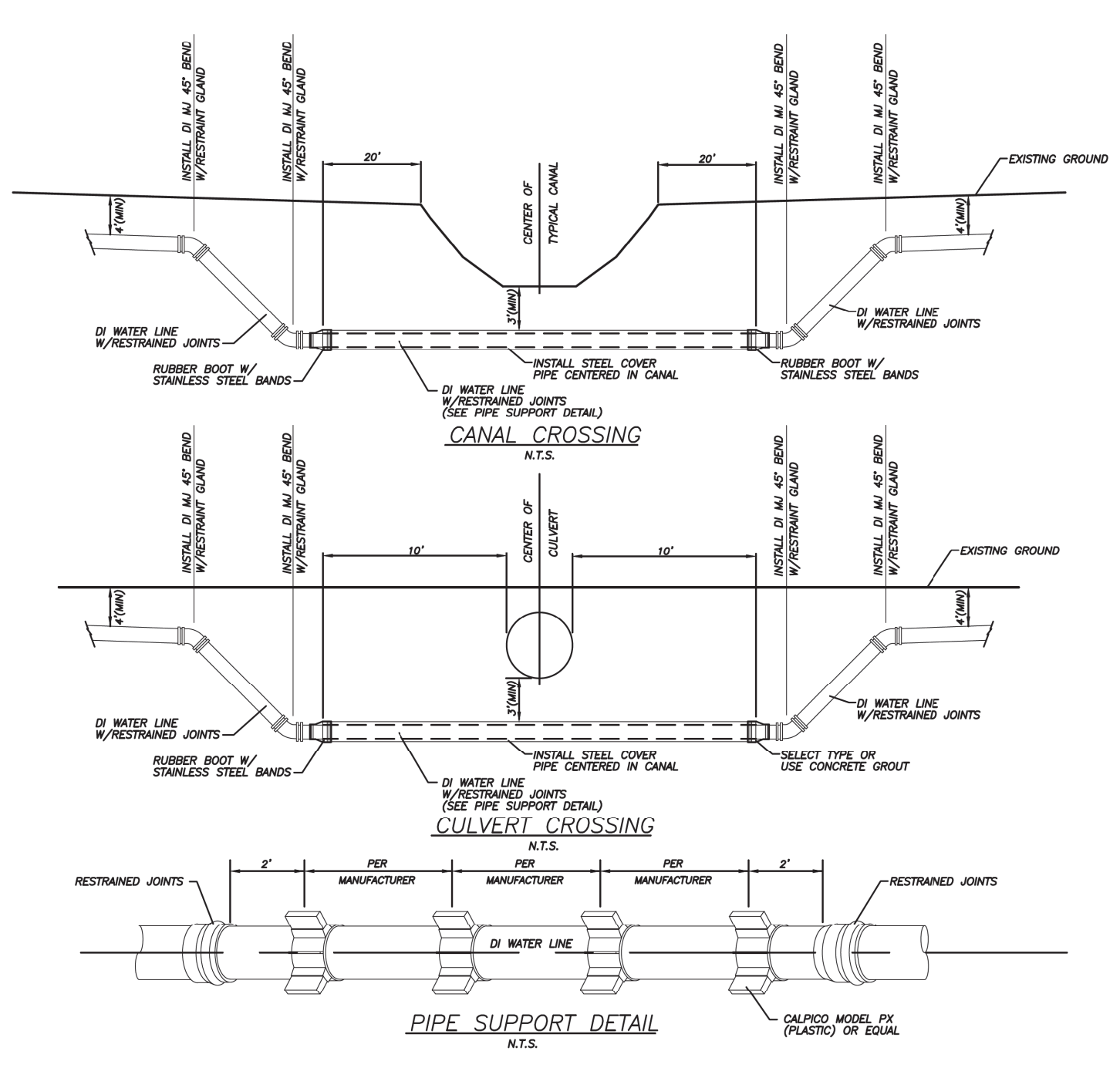
VEOLIA

VEOLIA
8248 W. VICTORY ROAD
BOISE, IDAHO 83709

**ARPA WATER PLAN
2022**

Design/Drawn By: AC	Map No.:	Tax Code:
Scale: 1"=400'	Revisions:	Sewer Dist: Boise
Date: 2/6/23		Twn,Rge,Sec:
CEA No:		Sheet: COVER





D.I. PIPE SIZE	CASING SIZE
4"	10"
6"	16"
8"	16"
12"	24"
16"	30"

casing shall be 1/4" wall unless otherwise specified

CROSSING DETAILS

SHEET 4

SHEETS 2 & 3

SHEET 1

TABLE OF CONTENTS

- SHEET 1—W. DESERT AVE. & W. HIGHLANDER DR. PHASE 1
- SHEET 2—W. HIGHLANDER AND S. VALLEY ST. PHASE 1
- SHEET 3—W. HIGHLANDER AND S. VALLEY ST. PHASE 2
- SHEET 4—W. HIGHLANDER DR. PHASE 2
- SHEET 5—W. BIENAPFL DR. PHASE 1
- SHEET 6—W. BIENAPFL DR. PHASE 2

NOTES

ALL WATER LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST VERSION OF ISPCW AND VEOLIA SUPPLEMENTAL SPECIFICATIONS TO ISPCW AND STANDARD DRAWINGS.

THE SEAL BELOW RELATES TO THE WATER SYSTEM DESIGN ONLY. ALL OTHER UTILITIES, RIGHTS OF WAY AND RELATED SURVEY DATA ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.

THE HORIZONTAL SEPARATION OF THE WATER AND NON-POTABLE MAINS SHALL BE A MINIMUM OF 10 FEET. WHERE IT IS NECESSARY FOR THE WATER AND NON-POTABLE MAINS TO CROSS EACH OTHER AND THE NON-POTABLE MAIN IS LESS THAN 18 INCHES BELOW OR ABOVE THE WATER MAIN, THE NON-POTABLE MAIN SHALL BE CONSTRUCTED WITH 150 PSI CLASS WATER PIPE FOR A DISTANCE OF 10 FEET ON BOTH SIDES OF THE WATER MAIN. ONE FULL LENGTH OF BOTH WATER MAIN AND NON-POTABLE LINE SHALL BE CENTERED AT THE CROSSING POINT SO THAT ALL JOINTS WILL BE AS FAR FROM THE CROSSING AS POSSIBLE. A SEPARATION DISTANCE OF 25 FEET SHALL BE MAINTAINED FROM THE WATER MAIN TO ANY SUBSURFACE DISPOSAL SYSTEM.

ALL PVC WATER MAINS AND APPURTENANCES SHALL BE C-900 AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

ALL PVC PIPE JOINTS SHALL BE RESTRAINED WITH UNI-FLANGE BELL RESTRAINT OR EQUAL.

ALL PIPE SHALL BE BURIED AT A DEPTH OF FOUR (4) FEET FROM EXISTING GRADE TO TOP OF PIPE.

ALL PIPE AND CONNECTIONS SHALL BE FIELD TESTED AT 150 PSI.

CONTRACTOR RESPONSIBLE FOR OBTAINING ACHD ROAD PERMITS.

CONTRACTOR RESPONSIBLE FOR ALL FIELD LOCATES PRIOR TO CONSTRUCTION.

LEGEND

- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED BLOW-OFF
- ✕ PROPOSED GATE VALVE
- PROPOSED SINGLE SERVICE
- PROPOSED COMMON SERVICE
- ⊗ EXISTING FIRE HYDRANT W/VALVE
- EXISTING GATE VALVE
- EXISTING SERVICE
- EXISTING WATER LINE
- EXISTING BLOW-OFF

CROSSING CONFLICT NOTES

- ⊞ POSSIBLE STORM DRAIN CROSSING CONFLICT
- ⊞ POSSIBLE IRRIGATION CROSSING CONFLICT
- ⊞ POSSIBLE FIBEROPTIC CROSSING CONFLICT
- ⊞ POSSIBLE SANITARY SEWER CROSSING CONFLICT
- ⊞ POSSIBLE GAS CROSSING CONFLICT

12" PVC RESTRAINT LENGTHS

- D.E. - 108'
- 90' - 39'
- 45' - 16'
- 22.5' - 8'
- 11.25' - 4'

8" PVC RESTRAINT LENGTHS

- D.E. - 76'
- 90' - 28'
- 45' - 12'
- 22.5' - 6'
- 11.25' - 3'

6" PVC RESTRAINT LENGTHS

- D.E. - 58'
- 90' - 22'
- 45' - 9'
- 22.5' - 5'
- 11.25' - 3'

SUEZ INSPECTION

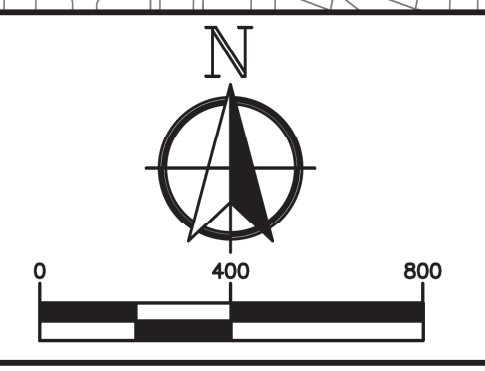
Inspector: _____ Date of As-built: _____ PIPE AND SERVICE COUNT: _____

Contractor: _____

Foreman: _____

Flushing Zone: _____ CW WO No.: _____

SUEZ GIS INFORMATION



ENGINEER INFORMATION

VEOLIA 6248 W. VICTORY ROAD BOISE, IDAHO 83709

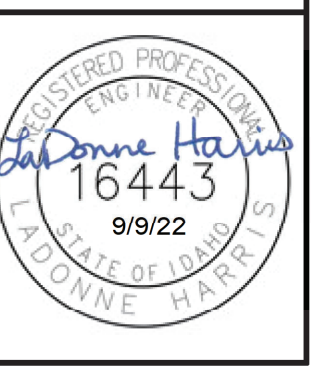
ARPA WATER PLAN 2022

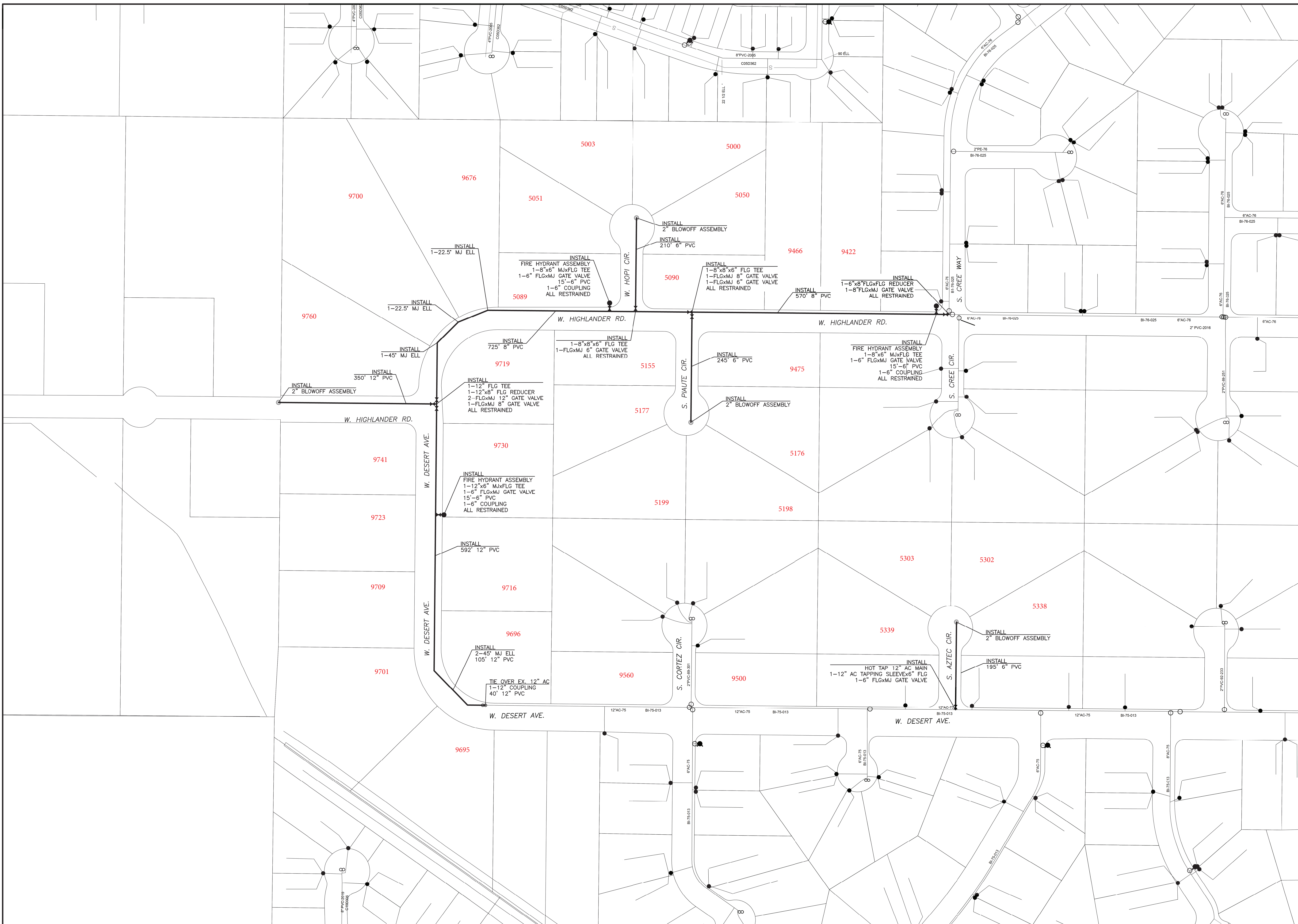
Design/Drawn By: AC Map No.: _____ Tax Code: _____

Scale: 1"=400' Sewer Dist: Boise

Date: 9/9/22 Revisions: _____ Twn, Rgn, Sec: _____

CEA No: _____ Sheet: COVER





NOTES

ALL WATER LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST VERSION OF ISPCW AND VEOLIA SUPPLEMENTAL SPECIFICATIONS TO ISPCW AND STANDARD DRAWINGS.

THE SEAL BELOW RELATES TO THE WATER SYSTEM DESIGN ONLY. ALL OTHER UTILITIES, RIGHTS OF WAY AND RELATED SURVEY DATA ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.

THE HORIZONTAL SEPARATION OF THE WATER AND NON-POTABLE MAINS SHALL BE A MINIMUM OF 10 FEET, WHERE IT IS NECESSARY FOR THE WATER AND NON-POTABLE MAINS TO CROSS EACH OTHER AND THE NON-POTABLE MAIN IS LESS THAN 18 INCHES BELOW OR ABOVE THE WATER MAIN, THE NON-POTABLE MAIN SHALL BE CONSTRUCTED WITH 150 PSI CLASS WATER PIPE FOR A DISTANCE OF 10 FEET ON BOTH SIDES OF THE WATER MAIN. ONE FULL LENGTH OF BOTH WATER MAIN AND NON-POTABLE LINE SHALL BE CENTERED AT THE CROSSING POINT SO THAT ALL JOINTS WILL BE AS FAR FROM THE CROSSING AS POSSIBLE. A SEPARATION DISTANCE OF 25 FEET SHALL BE MAINTAINED FROM THE WATER MAIN TO ANY SUBSURFACE DISPOSAL SYSTEM.

ALL PVC WATER MAINS AND APPURTENANCES SHALL BE C-900 AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

ALL PVC PIPE JOINTS SHALL BE RESTRAINED WITH UNI-FLANGE BELL RESTRAINT OR EQUAL.

ALL PIPE SHALL BE BURIED AT A DEPTH OF FOUR (4) FEET FROM EXISTING GRADE TO TOP OF PIPE.

ALL PIPE AND CONNECTIONS SHALL BE FIELD TESTED AT 150 PSI.

CONTRACTOR RESPONSIBLE FOR OBTAINING ACHD ROAD PERMITS.

CONTRACTOR RESPONSIBLE FOR ALL FIELD LOCATES PRIOR TO CONSTRUCTION.

LEGEND

- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED BLOW-OFF
- ⋈ PROPOSED GATE VALVE
- PROPOSED SINGLE SERVICE
- PROPOSED COMMON SERVICE
- ⊙ EXISTING FIRE HYDRANT W/VALVE
- EXISTING GATE VALVE
- EXISTING SERVICE
- EXISTING WATER LINE
- EXISTING BLOW-OFF

CROSSING CONFLICT NOTES

- ▣ POSSIBLE STORM DRAIN CROSSING CONFLICT
- ▣ POSSIBLE IRRIGATION CROSSING CONFLICT
- ▣ POSSIBLE FIBEROPTIC CROSSING CONFLICT
- ▣ POSSIBLE SANITARY SEWER CROSSING CONFLICT
- ▣ POSSIBLE GAS CROSSING CONFLICT

12" PVC RESTRAINT LENGTHS

- D.E. - 108'
- 90' - 39'
- 45' - 16'
- 22.5' - 8'
- 11.25' - 4'

8" PVC RESTRAINT LENGTHS

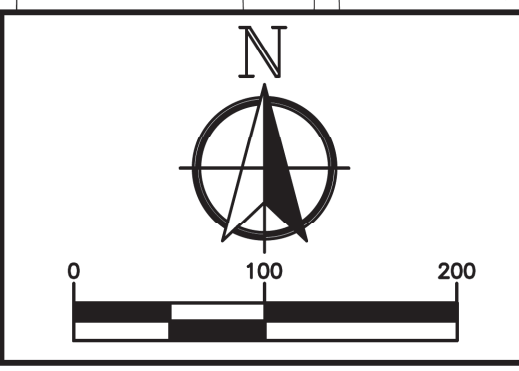
- D.E. - 76'
- 90' - 28'
- 45' - 12'
- 22.5' - 6'
- 11.25' - 3'

6" PVC RESTRAINT LENGTHS

- D.E. - 58'
- 90' - 22'
- 45' - 9'
- 22.5' - 5'
- 11.25' - 3'

32 residences

SUEZ INSPECTION		PIPE AND SERVICE COUNT:
Inspector:	Date of As-built:	
Contractor:		
Foreman:		
SUEZ GIS INFORMATION		
Flushing Zone:	CW WO No.:	



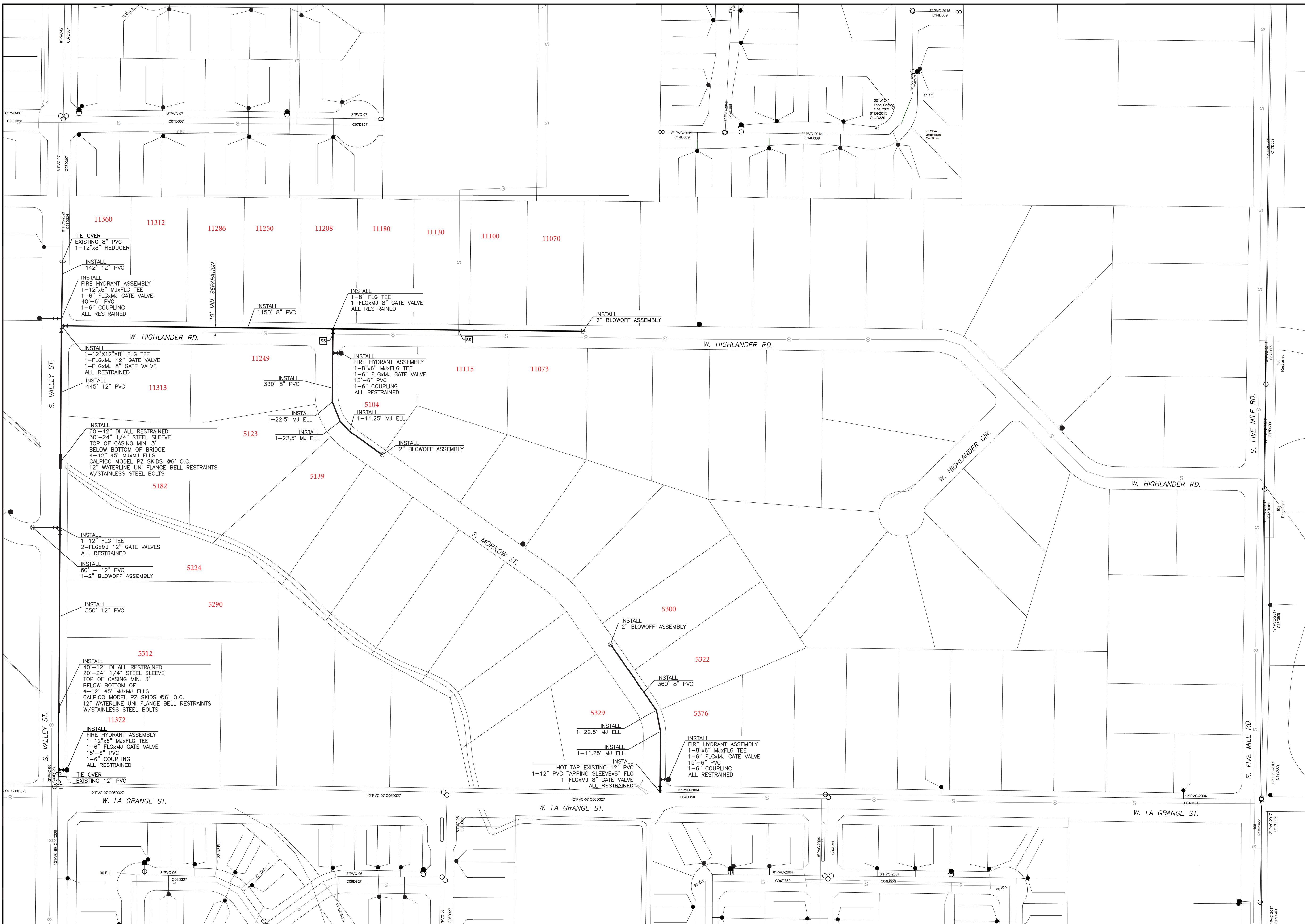
ENGINEER INFORMATION	

VEOLIA
6248 W. VICTORY ROAD
BOISE, IDAHO 83709

**W. DESERT AVE. & W. HIGHLANDER RD.
ARPA WATER PLAN - PHASE 1**

Design/Drawn By: AC	Map No.: 1135-1	Tax Code:
Scale: 1"=100'	Revisions:	Sewer Dist: Boise
Date: 9/9/22	Twn, Rgn, Sec: T3N, R1E, SEC. 15	Sheet: 1 Of 6
CEA No:		

REGISTERED PROFESSIONAL ENGINEER
16443
9/9/22
LADONNE HARTIS



NOTES

ALL WATER LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST VERSION OF ISPPWC AND VEOLIA SUPPLEMENTAL SPECIFICATIONS TO ISPPWC AND STANDARD DRAWINGS.

THE SEAL BELOW RELATES TO THE WATER SYSTEM DESIGN ONLY. ALL OTHER UTILITIES, RIGHTS OF WAY AND RELATED SURVEY DATA ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.

THE HORIZONTAL SEPARATION OF THE WATER AND NON-POTABLE MAINS SHALL BE A MINIMUM OF 10 FEET, WHERE IT IS NECESSARY FOR THE WATER AND NON-POTABLE MAINS TO CROSS EACH OTHER AND THE NON-POTABLE MAIN IS LESS THAN 18 INCHES BELOW OR ABOVE THE WATER MAIN, THE NON-POTABLE MAIN SHALL BE CONSTRUCTED WITH 150 PSI CLASS WATER PIPE FOR A DISTANCE OF 10 FEET ON BOTH SIDES OF THE WATER MAIN. ONE FULL LENGTH OF BOTH WATER MAIN AND NON-POTABLE LINE SHALL BE CENTERED AT THE CROSSING POINT SO THAT ALL JOINTS WILL BE AS FAR FROM THE CROSSING AS POSSIBLE. A SEPARATION DISTANCE OF 25 FEET SHALL BE MAINTAINED FROM THE WATER MAIN TO ANY SUBSURFACE DISPOSAL SYSTEM.

ALL PVC WATER MAINS AND APPURTENANCES SHALL BE C-900 AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

ALL PVC PIPE JOINTS SHALL BE RESTRAINED WITH UNI-FLANGE BELL RESTRAINT OR EQUAL.

ALL PIPE SHALL BE BURIED AT A DEPTH OF FOUR (4) FEET FROM EXISTING GRADE TO TOP OF PIPE.

ALL PIPE AND CONNECTIONS SHALL BE FIELD TESTED AT 150 PSI.

CONTRACTOR RESPONSIBLE FOR OBTAINING ACHD ROAD PERMITS.

CONTRACTOR RESPONSIBLE FOR ALL FIELD LOCATES PRIOR TO CONSTRUCTION.

LEGEND

- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED BLOW-OFF
- ⋈ PROPOSED GATE VALVE
- PROPOSED SINGLE SERVICE
- PROPOSED COMMON SERVICE
- ⊙ PROPOSED FIRE HYDRANT W/VALVE
- EXISTING GATE VALVE
- EXISTING SERVICE
- EXISTING WATER LINE
- EXISTING BLOW-OFF

CROSSING CONFLICT NOTES

- SD POSSIBLE STORM DRAIN CROSSING CONFLICT
- IR POSSIBLE IRRIGATION CROSSING CONFLICT
- FI POSSIBLE FIBEROPTIC CROSSING CONFLICT
- SS POSSIBLE SANITARY SEWER CROSSING CONFLICT
- GS POSSIBLE GAS CROSSING CONFLICT

12" PVC RESTRAINT LENGTHS

D.E. - 108'
 90' - 39'
 45' - 16'
 22.5' - 8'
 11.25' - 4'

8" PVC RESTRAINT LENGTHS

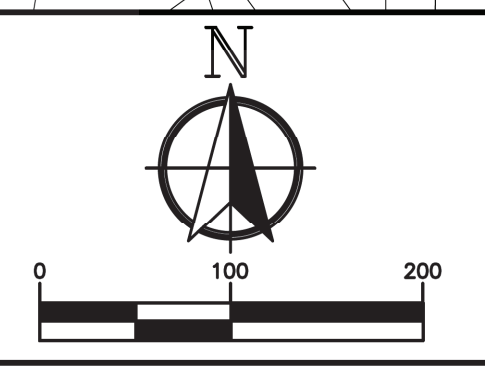
D.E. - 76'
 90' - 28'
 45' - 12'
 22.5' - 6'
 11.25' - 3'

6" PVC RESTRAINT LENGTHS

D.E. - 58'
 90' - 22'
 45' - 9'
 22.5' - 5'
 11.25' - 3'

25 residences

SUEZ INSPECTION	
Inspector:	Date of As-built:
Contractor:	PIPE AND SERVICE COUNT:
Foreman:	
SUEZ GIS INFORMATION	
Flushing Zone:	CW WO No.:

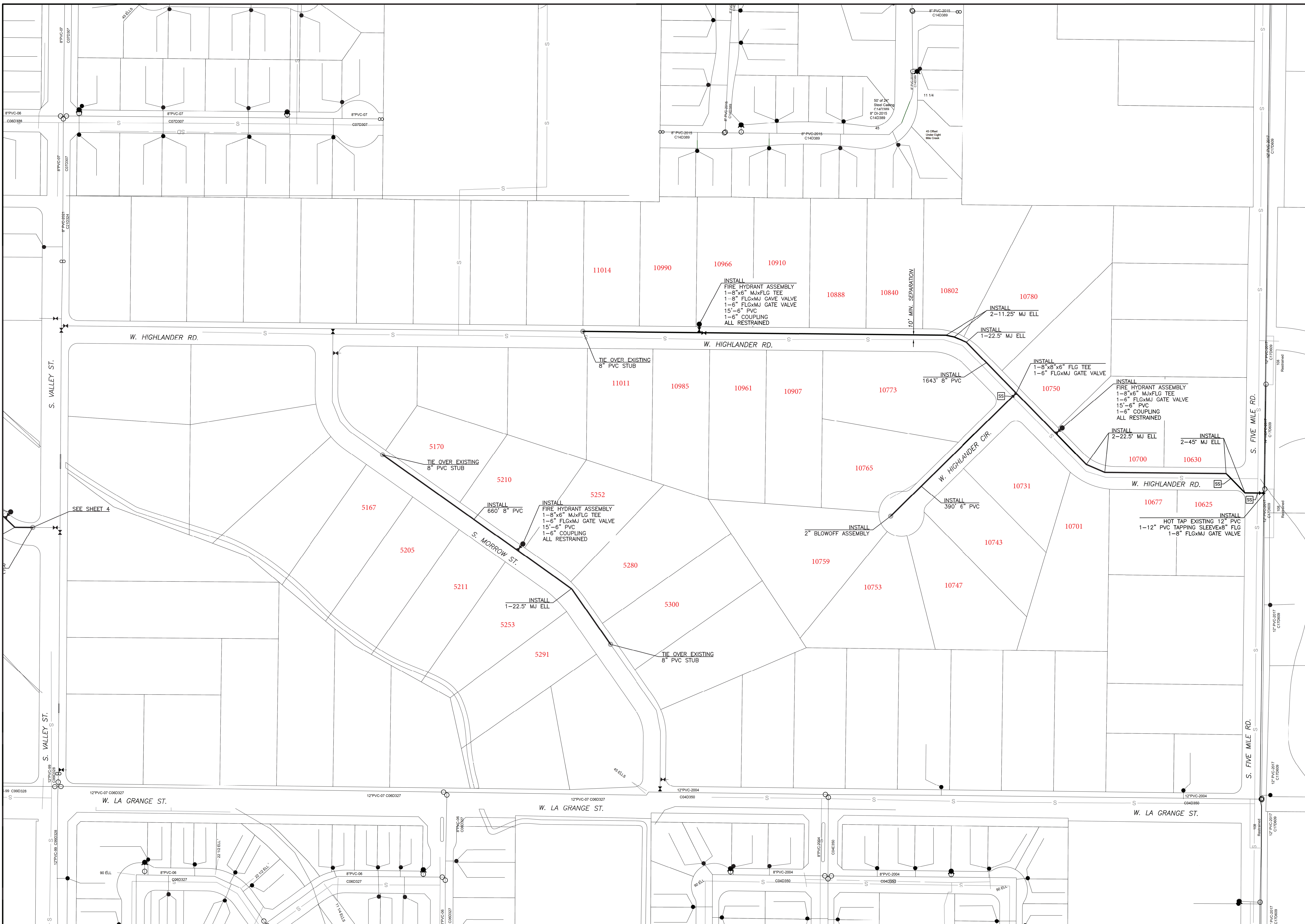


ENGINEER INFORMATION	

VEOLIA
 6248 W. VICTORY ROAD
 BOISE, IDAHO 83709

**W. HIGHLANDER AND S. VALLEY ST.
 ARPA WATER PLAN - PHASE 1**

Design/Drawn By: AC	Map No.: 1134-1	Tax Code:
Scale: 1"=100'	Sewer Dist: Boise	
Date: 9/9/22	Revisions:	Twn, Rgn, Sec: T3N, R1E, SEC. 14
CEA No:		Sheet: 2 Of 6



NOTES

ALL WATER LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST VERSION OF ISPPWC AND VEOLIA SUPPLEMENTAL SPECIFICATIONS TO ISPPWC AND STANDARD DRAWINGS.

THE SEAL BELOW RELATES TO THE WATER SYSTEM DESIGN ONLY. ALL OTHER UTILITIES, RIGHTS OF WAY AND RELATED SURVEY DATA ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.

THE HORIZONTAL SEPARATION OF THE WATER AND NON-POTABLE MAINS SHALL BE A MINIMUM OF 10 FEET, WHERE IT IS NECESSARY FOR THE WATER AND NON-POTABLE MAINS TO CROSS EACH OTHER AND THE NON-POTABLE MAIN IS LESS THAN 18 INCHES BELOW OR ABOVE THE WATER MAIN, THE NON-POTABLE MAIN SHALL BE CONSTRUCTED WITH 150 PSI CLASS WATER PIPE FOR A DISTANCE OF 10 FEET ON BOTH SIDES OF THE WATER MAIN. ONE FULL LENGTH OF BOTH WATER MAIN AND NON-POTABLE LINE SHALL BE CENTERED AT THE CROSSING POINT SO THAT ALL JOINTS WILL BE AS FAR FROM THE CROSSING AS POSSIBLE. A SEPARATION DISTANCE OF 25 FEET SHALL BE MAINTAINED FROM THE WATER MAIN TO ANY SUBSURFACE DISPOSAL SYSTEM.

ALL PVC WATER MAINS AND APPURTENANCES SHALL BE C-900 AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

ALL PVC PIPE JOINTS SHALL BE RESTRAINED WITH UNI-FLANGE BELL RESTRAINT OR EQUAL.

ALL PIPE SHALL BE BURIED AT A DEPTH OF FOUR (4) FEET FROM EXISTING GRADE TO TOP OF PIPE.

ALL PIPE AND CONNECTIONS SHALL BE FIELD TESTED AT 150 PSI.

CONTRACTOR RESPONSIBLE FOR OBTAINING ACHD ROAD PERMITS.

CONTRACTOR RESPONSIBLE FOR ALL FIELD LOCATES PRIOR TO CONSTRUCTION.

LEGEND

- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED BLOW-OFF
- ⋈ PROPOSED GATE VALVE
- ⋈ PROPOSED SINGLE SERVICE
- ⋈ PROPOSED COMMON SERVICE
- ⊙ EXISTING FIRE HYDRANT W/VALVE
- EXISTING GATE VALVE
- EXISTING SERVICE
- EXISTING WATER LINE
- EXISTING BLOW-OFF

CROSSING CONFLICT NOTES

- SS POSSIBLE STORM DRAIN CROSSING CONFLICT
- IR POSSIBLE IRRIGATION CROSSING CONFLICT
- FB POSSIBLE FIBEROPTIC CROSSING CONFLICT
- SS POSSIBLE SANITARY SEWER CROSSING CONFLICT
- G POSSIBLE GAS CROSSING CONFLICT

12" PVC RESTRAINT LENGTHS

- D.E. - 108'
- 90' - 39'
- 45' - 16'
- 22.5' - 8'
- 11.25' - 4'

8" PVC RESTRAINT LENGTHS

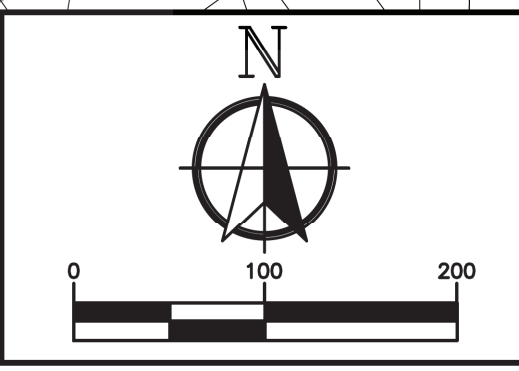
- D.E. - 76'
- 90' - 28'
- 45' - 12'
- 22.5' - 6'
- 11.25' - 3'

6" PVC RESTRAINT LENGTHS

- D.E. - 58'
- 90' - 22'
- 45' - 9'
- 22.5' - 5'
- 11.25' - 3'

35 residences

SUEZ INSPECTION	
Inspector:	Date of As-built:
Contractor:	PIPE AND SERVICE COUNT:
Foreman:	
SUEZ GIS INFORMATION	
Flushing Zone:	CW WO No.:



ENGINEER INFORMATION	

VEOLIA
 8248 W. VICTORY ROAD
 BOISE, IDAHO 83709

**W. HIGHLANDER AND S. VALLEY ST.
 ARPA WATER PLAN - PHASE 2**

Design/Drawn By: AC	Map No.: 1134-1	Tax Code:
Scale: 1"=100'	Revisions:	Sewer Dist: Boise
Date: 9/9/22	Twn, Rgn, Sec: T3N, R1E, SEC. 14	Sheet: 3 of 6
CEA No:		



NOTES

ALL WATER LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST VERSION OF ISPPWC AND VEOLIA SUPPLEMENTAL SPECIFICATIONS TO ISPPWC AND STANDARD DRAWINGS.

THE SEAL BELOW RELATES TO THE WATER SYSTEM DESIGN ONLY. ALL OTHER UTILITIES, RIGHTS OF WAY AND RELATED SURVEY DATA ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.

THE HORIZONTAL SEPARATION OF THE WATER AND NON-POTABLE MAINS SHALL BE A MINIMUM OF 10 FEET, WHERE IT IS NECESSARY FOR THE WATER AND NON-POTABLE MAINS TO CROSS EACH OTHER AND THE NON-POTABLE MAIN IS LESS THAN 18 INCHES BELOW OR ABOVE THE WATER MAIN, THE NON-POTABLE MAIN SHALL BE CONSTRUCTED WITH 150 PSI CLASS WATER PIPE FOR A DISTANCE OF 10 FEET ON BOTH SIDES OF THE WATER MAIN. ONE FULL LENGTH OF BOTH WATER MAIN AND NON-POTABLE LINE SHALL BE CENTERED AT THE CROSSING POINT SO THAT ALL JOINTS WILL BE AS FAR FROM THE CROSSING AS POSSIBLE. A SEPARATION DISTANCE OF 25 FEET SHALL BE MAINTAINED FROM THE WATER MAIN TO ANY SUBSURFACE DISPOSAL SYSTEM.

ALL PVC WATER MAINS AND APPURTENANCES SHALL BE C-900 AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

ALL PVC PIPE JOINTS SHALL BE RESTRAINED WITH UNI-FLANGE BELL RESTRAINT OR EQUAL.

ALL PIPE SHALL BE BURIED AT A DEPTH OF FOUR (4) FEET FROM EXISTING GRADE TO TOP OF PIPE.

ALL PIPE AND CONNECTIONS SHALL BE FIELD TESTED AT 150 PSI.

CONTRACTOR RESPONSIBLE FOR OBTAINING ACHD ROAD PERMITS.

CONTRACTOR RESPONSIBLE FOR ALL FIELD LOCATES PRIOR TO CONSTRUCTION.

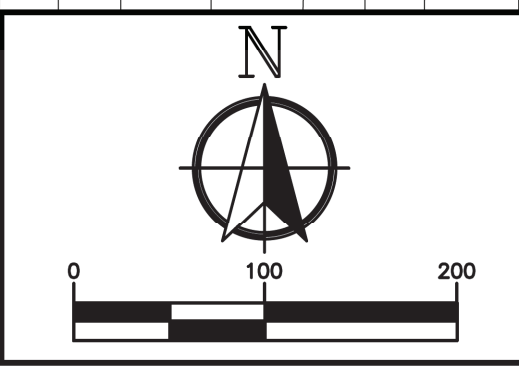
- LEGEND**
- PROPOSED WATER LINE
 - PROPOSED FIRE HYDRANT
 - PROPOSED BLOW-OFF
 - ✚ PROPOSED GATE VALVE
 - PROPOSED SINGLE SERVICE
 - PROPOSED COMMON SERVICE
 - ⊙ EXISTING FIRE HYDRANT W/VALVE
 - EXISTING GATE VALVE
 - EXISTING SERVICE
 - EXISTING WATER LINE
 - EXISTING BLOW-OFF

- CROSSING CONFLICT NOTES**
- SD POSSIBLE STORM DRAIN CROSSING CONFLICT
 - IR POSSIBLE IRRIGATION CROSSING CONFLICT
 - FB POSSIBLE FIBEROPTIC CROSSING CONFLICT
 - SS POSSIBLE SANITARY SEWER CROSSING CONFLICT
 - GS POSSIBLE GAS CROSSING CONFLICT

- 12" PVC RESTRAINT LENGTHS**
- D.E. - 108'
 - 90' - 39'
 - 45' - 16'
 - 22.5' - 8'
 - 11.25' - 4'
- 8" PVC RESTRAINT LENGTHS**
- D.E. - 76'
 - 90' - 28'
 - 45' - 12'
 - 22.5' - 6'
 - 11.25' - 3'
- 6" PVC RESTRAINT LENGTHS**
- D.E. - 58'
 - 90' - 22'
 - 45' - 9'
 - 22.5' - 5'
 - 11.25' - 3'

12 residences

SUEZ INSPECTION	
Inspector:	Date of As-built:
Contractor:	PIPE AND SERVICE COUNT:
Foreman:	
SUEZ GIS INFORMATION	
Flushing Zone:	CW WO No.:



ENGINEER INFORMATION	

VEOLIA 6248 W. VICTORY ROAD BOISE, IDAHO 83709	
W. HIGHLANDER DR. ARPA WATER PLAN - PHASE 2	
Design/Drawn By: AC	Map No.: 1134-1
Scale: 1"=100'	Tax Code:
Date: 9/9/22	Sewer Dist: Boise
Revisions:	Twn, Rgn, Sec: T3N, R1E, SEC. 14
CEA No:	Sheet: 4 Of 6

