

# MARYSVALE WATER MASTER PLAN

## 2022




### MARYSVALE, UTAH

INDEX OF DRAWINGS

EX-010	KEY MAP AND OVERALL EXHIBIT	EX-119	EXISTING WATER SYSTEM
EX-011	PRESSURE ZONE AND WATER SYSTEM	EX-120	EXISTING WATER SYSTEM
EX-012	FIRE FLOW TEST RESULTS	EX-121	EXISTING WATER SYSTEM
EX-013	OVERALL PROPOSED IMPROVEMENTS	EX-122	EXISTING WATER SYSTEM
EX-100	EXISTING WATER SYSTEM	EX-123	EXISTING WATER SYSTEM
EX-101	EXISTING WATER SYSTEM	EX-200	EX. PEAK INSTANTANEOUS DEMAND
EX-102	EXISTING WATER SYSTEM	EX-201	EX. PEAK INSTANTANEOUS DEMAND
EX-103	EXISTING WATER SYSTEM	EX-202	EX. PEAK DAY DEMAND
EX-104	EXISTING WATER SYSTEM	EX-203	EX. PEAK DAY DEMAND
EX-105	EXISTING WATER SYSTEM	EX-204	EX. FIRE FLOW DEMAND
EX-106	EXISTING WATER SYSTEM	EX-205	EX. FIRE FLOW DEMAND
EX-107	EXISTING WATER SYSTEM	EX-300	FUT. PEAK INSTANTANEOUS DEMAND
EX-108	EXISTING WATER SYSTEM	EX-301	FUT. PEAK INSTANTANEOUS DEMAND
EX-109	EXISTING WATER SYSTEM	EX-302	FUT. PEAK DAY DEMAND
EX-110	EXISTING WATER SYSTEM	EX-303	FUT. PEAK DAY DEMAND
EX-111	EXISTING WATER SYSTEM	EX-304	FUT. FIRE FLOW DEMAND
EX-112	EXISTING WATER SYSTEM	EX-305	FUT. FIRE FLOW DEMAND
EX-113	EXISTING WATER SYSTEM	EX-400	PRO. PEAK INSTANTANEOUS DEMAND
EX-114	EXISTING WATER SYSTEM	EX-401	PRO. PEAK INSTANTANEOUS DEMAND
EX-115	EXISTING WATER SYSTEM	EX-402	PRO. PEAK DAY DEMAND
EX-116	EXISTING WATER SYSTEM	EX-403	PRO. PEAK DAY DEMAND
EX-117	EXISTING WATER SYSTEM	EX-404	PRO. FIRE FLOW DEMAND
EX-118	EXISTING WATER SYSTEM	EX-405	PRO. FIRE FLOW DEMAND

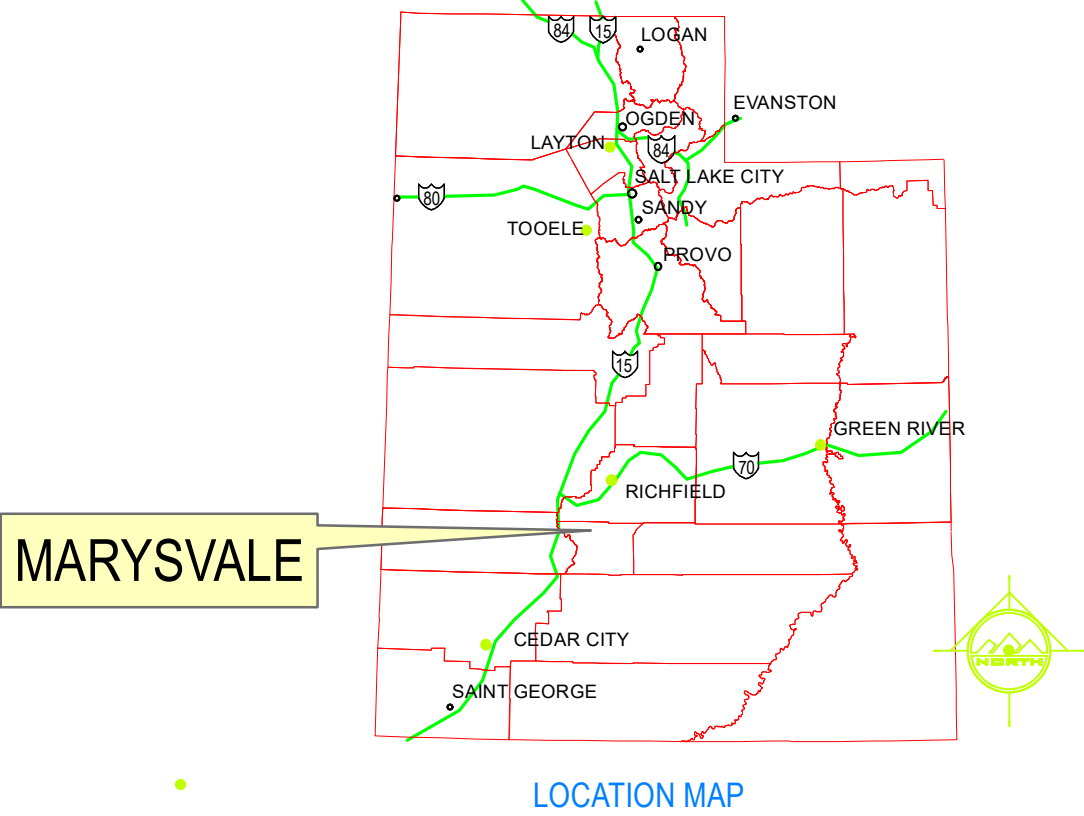
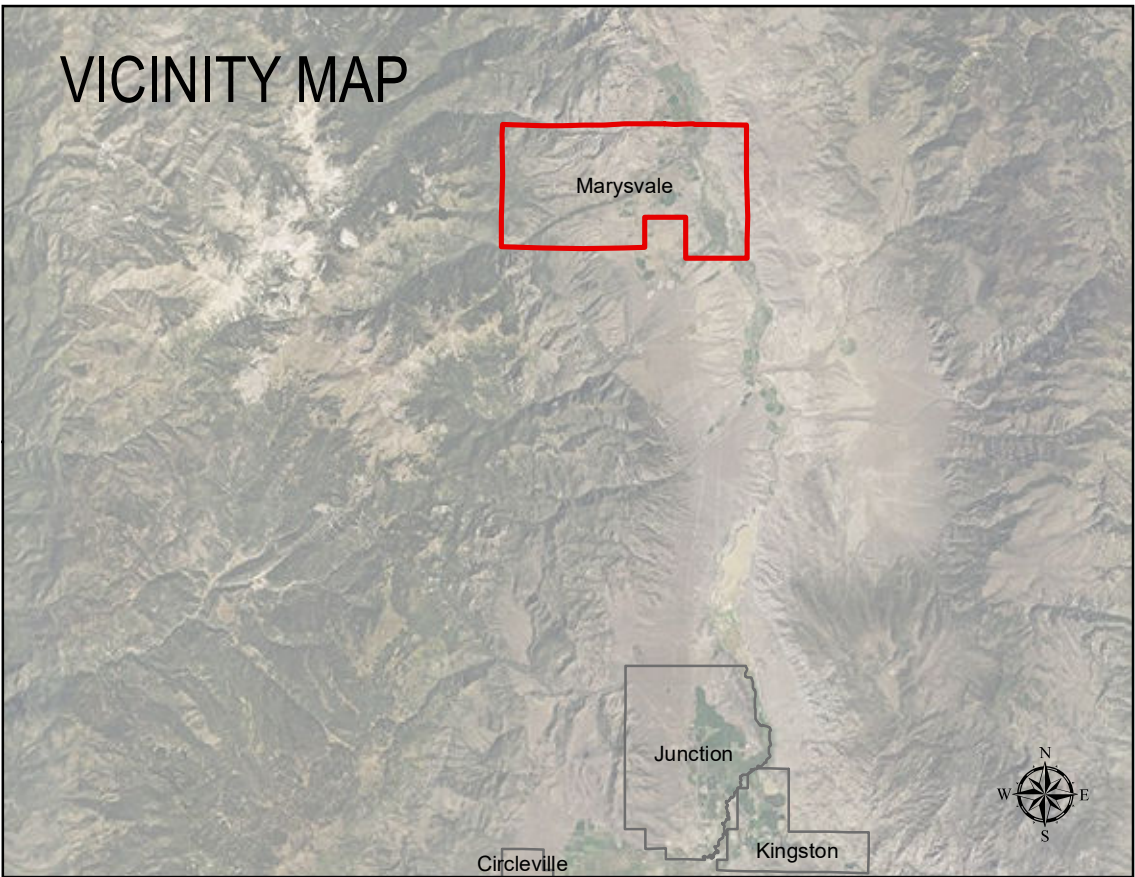
FOR:  
 MAYOR  
 PHONE:  
 MARYSVALE TOWN  
 P.O. BOX 160  
 MARYSVALE, UT 84750

ENGINEER:



**SALT LAKE CITY**  
 Phone 801.255.4449  
**TOOELE**  
 Phone 435.843.3590  
**LAYTON**  
 Phone 801.547.1100  
**CEDAR CITY**  
 Phone 435.865.1453

**RICHFIELD**  
 225 N. 100 E.  
 RICHFIELD, UT 84701  
 PHONE: 435.896.2983  
 WWW.ENSIGNENG.COM



# MARYSVALE WATER MASTER PLAN

AUGUST 2022



**RICHFIELD**  
255 North 100 East  
Richfield, UT. 84701  
Phone: 435.896.2983

**SALT LAKE**  
Phone 801.255.0529

**TOOELE**  
Phone 435.843.3590

**LAYTON**  
Phone 801.547.1100

**CEDAR CITY**  
Phone 435.865.1453

[WWW.ENSGNENG.COM](http://WWW.ENSGNENG.COM)

FOR: MARYSVALE TOWN  
ADDRESS: MARYSVALE, UT 84750  
CONTACT: CONTACT CLIENT  
PHONE:  
FAX:

**MARYSVALE WATER MASTER PLAN**  
**MARYSVALE, UTAH**

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			

**PRESSURE ZONE AND WATER SYSTEM**

PROJECT NUMBER: 11338  
DRAWN BY: D. SCHAUGAARD  
PROJECT MANAGER: K. CRANE

PRINT DATE: 5/13/2022  
CHECKED BY: K. MARCHANT

**EX-011**



**Legend**

- ☒ PRV
- ⊕ Fire Hydrants

**Existing Water Lines**

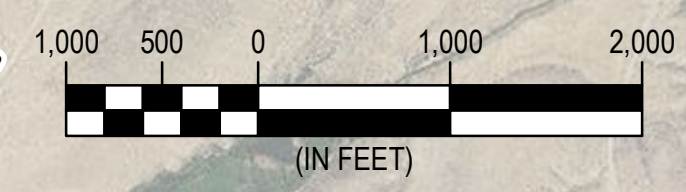
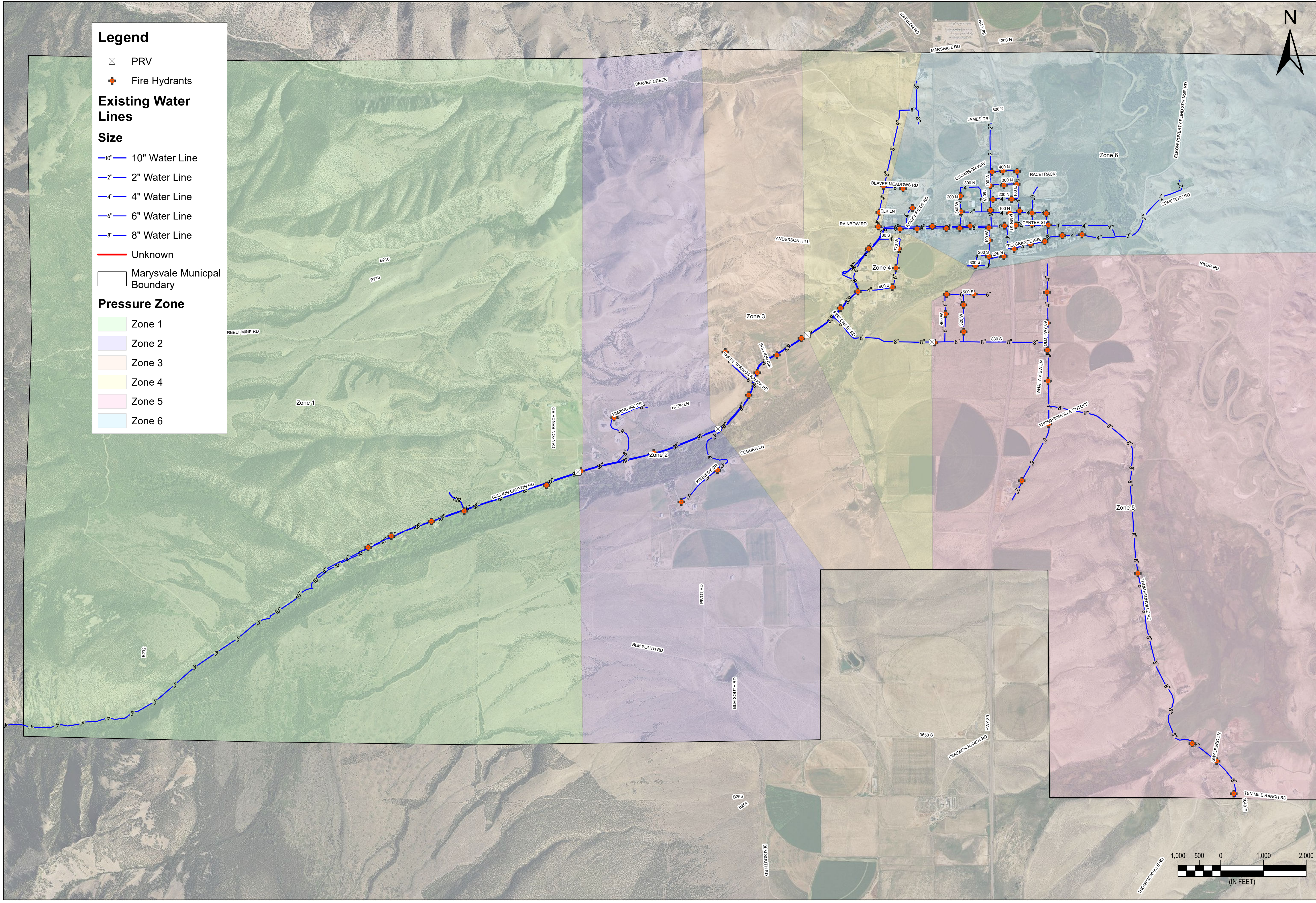
**Size**

- 10" — 10" Water Line
- 2" — 2" Water Line
- 4" — 4" Water Line
- 6" — 6" Water Line
- 8" — 8" Water Line
- Unknown

☐ Marysvale Municipal Boundary

**Pressure Zone**

- Zone 1
- Zone 2
- Zone 3
- Zone 4
- Zone 5
- Zone 6



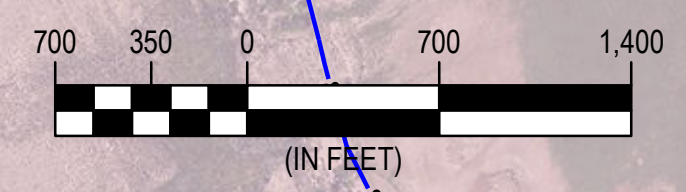
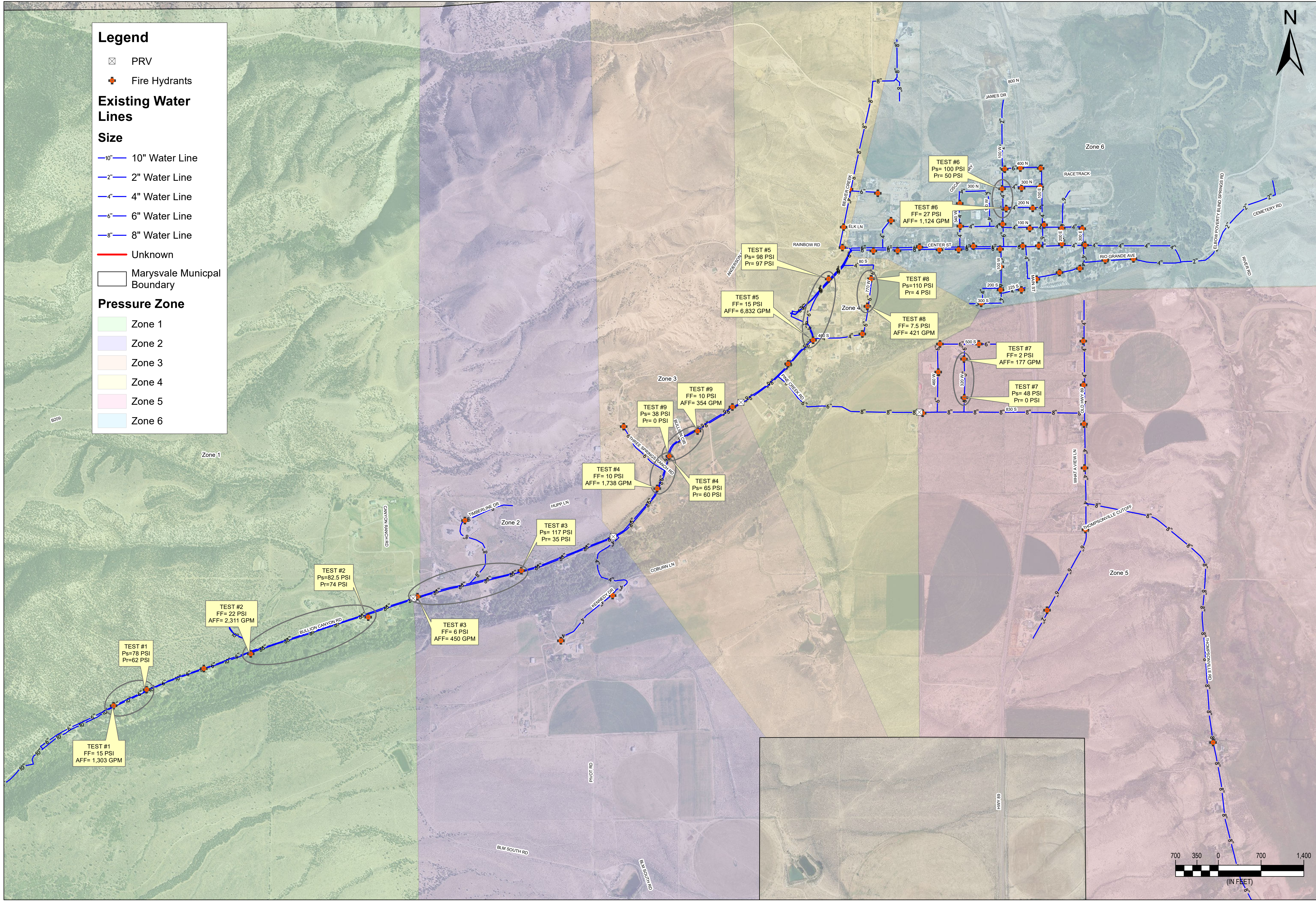
**MARYSVALE WATER MASTER PLAN**  
**MARYSVALE, UTAH**

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			

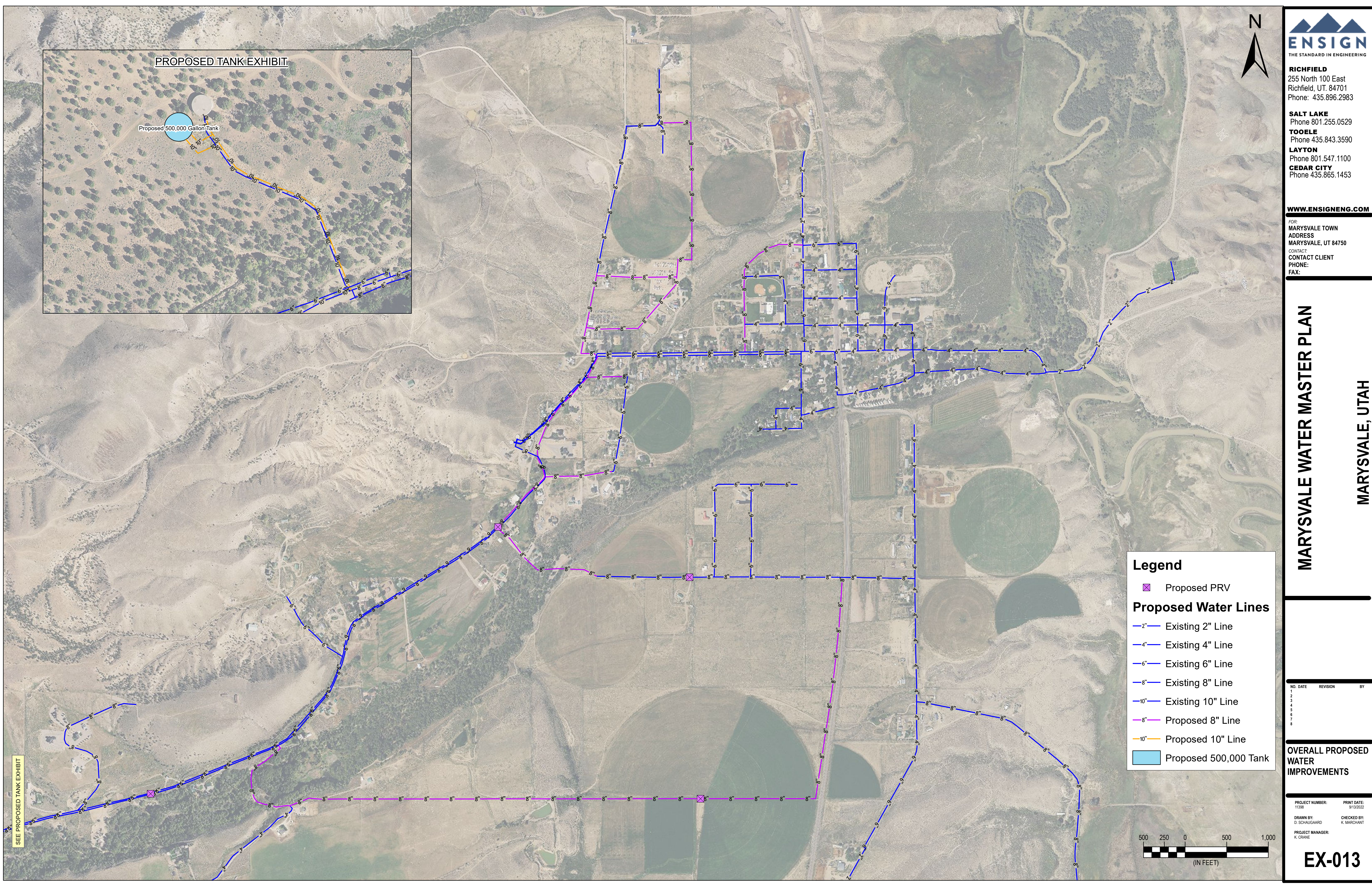
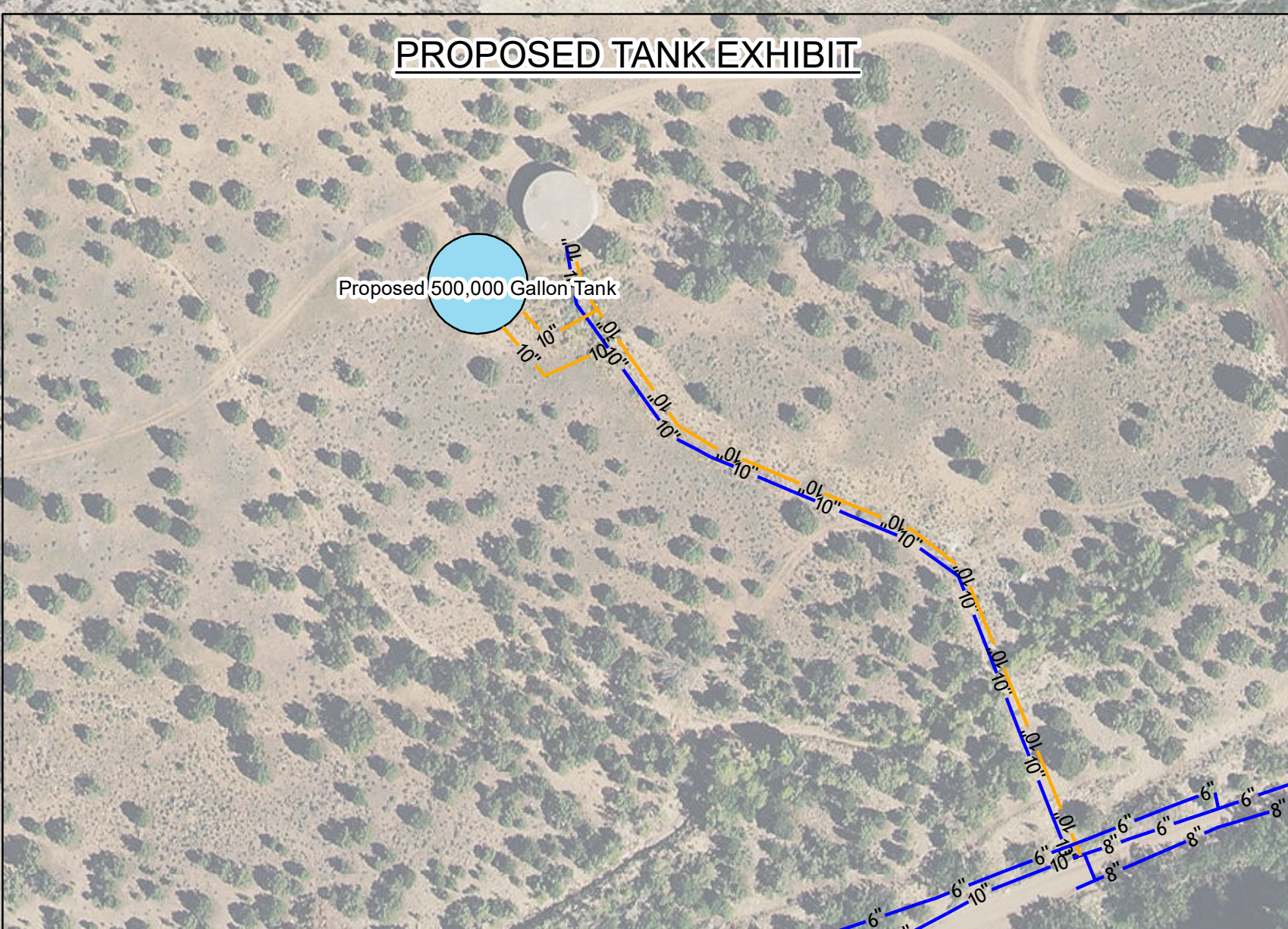
**FIRE FLOW TEST RESULTS**

PROJECT NUMBER: 11338	PRINT DATE: 5/13/2022
DRAWN BY: D. SCHAUGAARD	CHECKED BY: K. MARCHANT
PROJECT MANAGER: K. CRANE	

**EX-012**

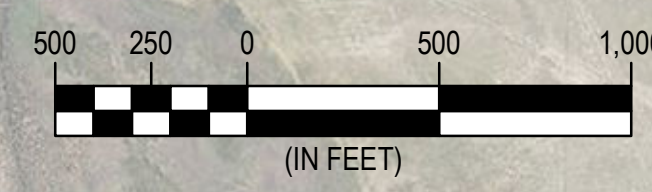


**MARYSVALE WATER MASTER PLAN**  
**MARYSVALE, UTAH**



**Legend**

- Proposed PRV
- Proposed Water Lines**
- Existing 2" Line
- Existing 4" Line
- Existing 6" Line
- Existing 8" Line
- Existing 10" Line
- Proposed 8" Line
- Proposed 10" Line
- Proposed 500,000 Tank



SEE PROPOSED TANK EXHIBIT

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			
8			

**OVERALL PROPOSED WATER IMPROVEMENTS**

PROJECT NUMBER: 11038  
DRAWN BY: D. SCHAUGAARD  
PROJECT MANAGER: K. CRANE

PRINT DATE: 9/13/2022  
CHECKED BY: K. MARCHANT

**EX-013**

**Legend**

**Existing Peak Inst. Results**

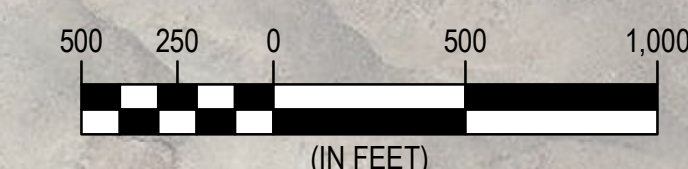
**Pressures**

- 0 - 30 PSI
- 30 - 120 PSI
- Above 120 PSI
- ☒ PRV

**Existing Water Lines**

**Size**

- 10" Water Line
- 2" Water Line
- 4" Water Line
- 6" Water Line
- 8" Water Line
- Unknown



**RICHFIELD**  
255 North 100 East  
Richfield, UT. 84701  
Phone: 435.896.2983

**SALT LAKE**  
Phone 801.255.0529

**TOOELE**  
Phone 435.843.3590

**LAYTON**  
Phone 801.547.1100

**CEDAR CITY**  
Phone 435.865.1453

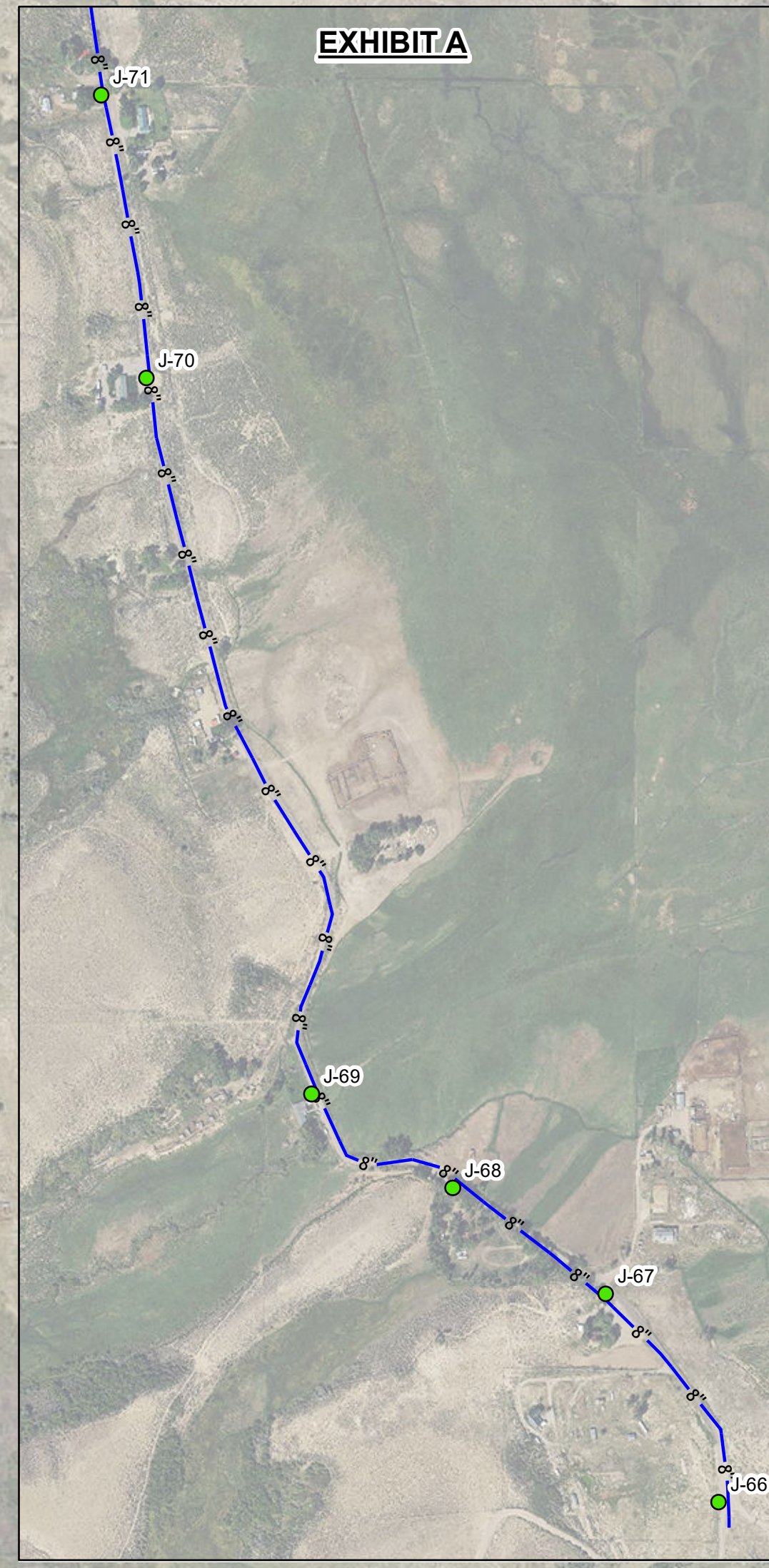
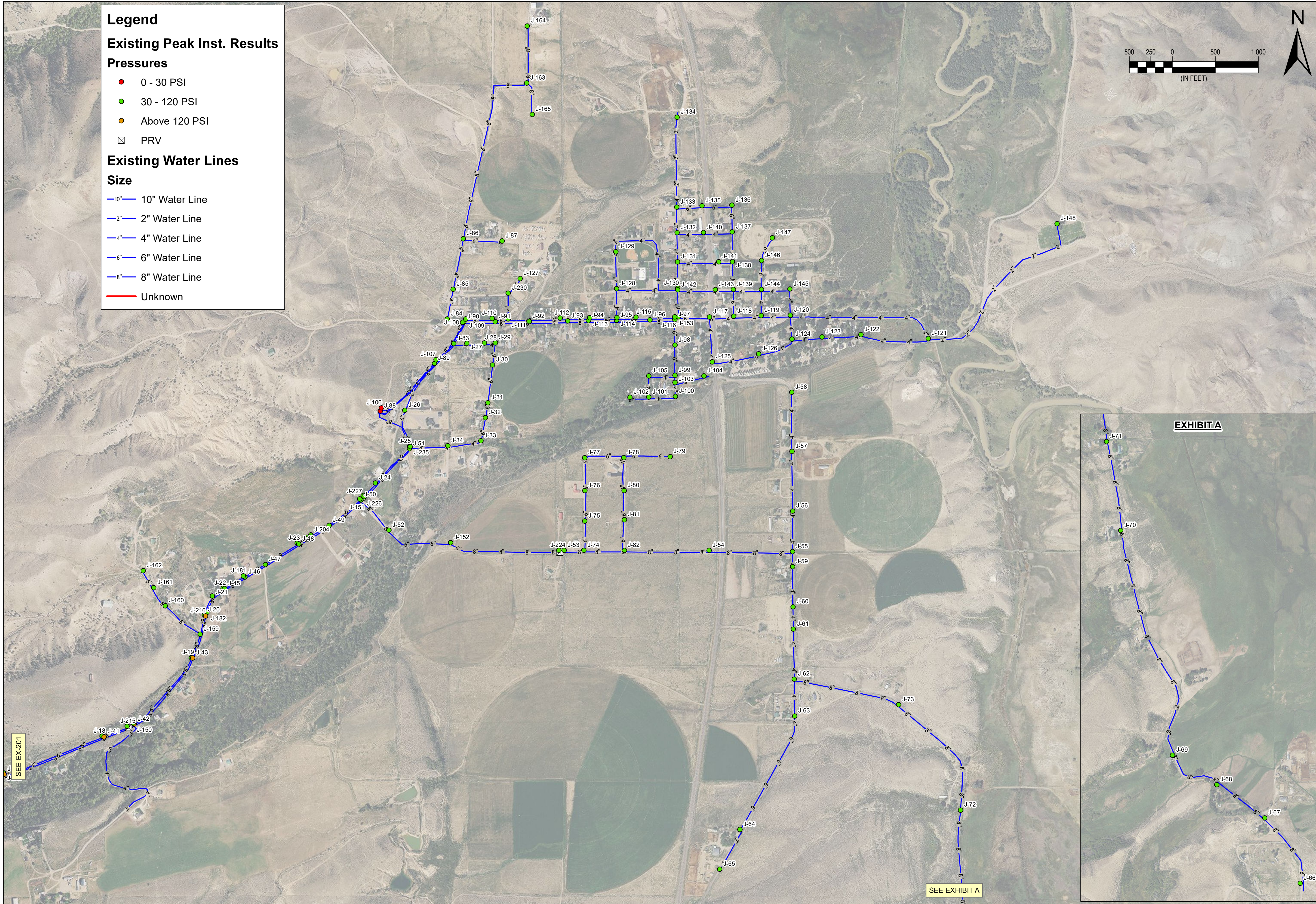
[WWW.ENSGNENG.COM](http://WWW.ENSGNENG.COM)

FOR:  
**MARYSVALE TOWN**  
P.O. BOX 160  
MARYSVALE, UT 84750

CONTACT:  
**CONTACT CLIENT**  
PHONE:  
FAX:

**MARYSVALE WATER MASTER PLAN**

**MARYSVALE, UTAH**



NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			
8			

**EXISTING PEAK INSTANTANEOUS DEMAND**

PROJECT NUMBER: 11338 PRINT DATE: 8/2/2022

DRAWN BY: D. SCHAUGAARD CHECKED BY: K. MARCHANT

PROJECT MANAGER: K. CRANE

**EX-200**



**RICHFIELD**  
 255 North 100 East  
 Richfield, UT. 84701  
 Phone: 435.896.2983

**SALT LAKE**  
 Phone 801.255.0529

**TOOELE**  
 Phone 435.843.3590

**LAYTON**  
 Phone 801.547.1100

**CEDAR CITY**  
 Phone 435.865.1453

[WWW.ENSGNENG.COM](http://WWW.ENSGNENG.COM)

FOR:  
**MARYSVALE TOWN**  
 P.O. BOX 160  
 MARYSVALE, UT 84750

CONTACT:  
**CONTACT CLIENT**  
 PHONE:  
 FAX:

**MARYSVALE WATER MASTER PLAN**  
**MARYSVALE, UTAH**

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			

**EXISTING PEAK INSTANTANEOUS DEMAND**

PROJECT NUMBER: 11338      PRINT DATE: 8/2/2022  
 DRAWN BY: D. SCHAUGAARD      CHECKED BY: K. MARCHANT  
 PROJECT MANAGER: K. CRANE

**EX-201**

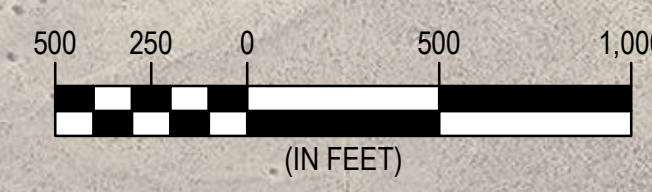
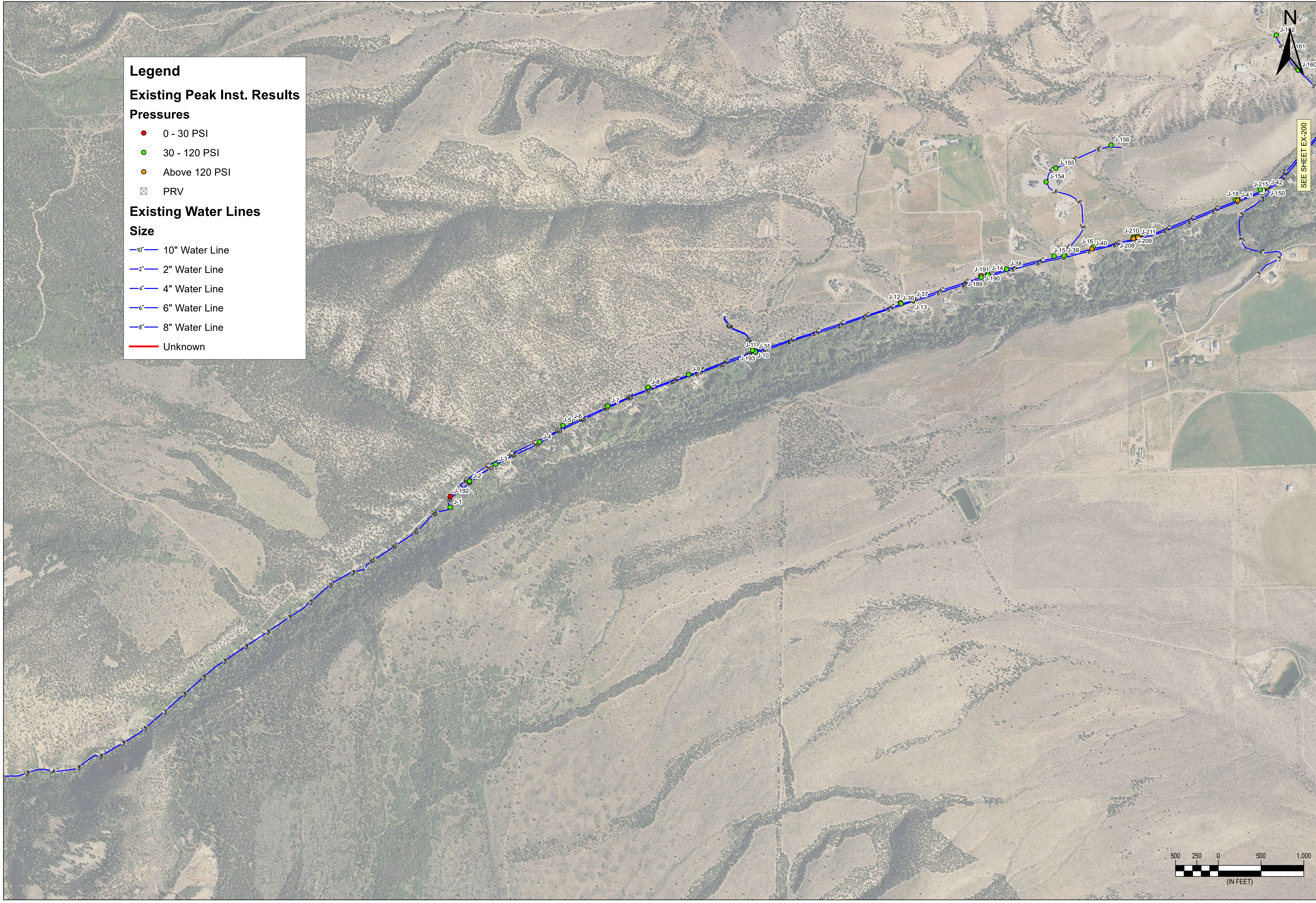
**Legend**

**Existing Peak Inst. Results Pressures**

- 0 - 30 PSI
- 30 - 120 PSI
- Above 120 PSI
- ⊠ PRV

**Existing Water Lines Size**

- 10" Water Line
- 2" Water Line
- 4" Water Line
- 6" Water Line
- 8" Water Line
- Unknown



SEE SHEET EX-200

**Legend**

**Existing Peak Day Results**

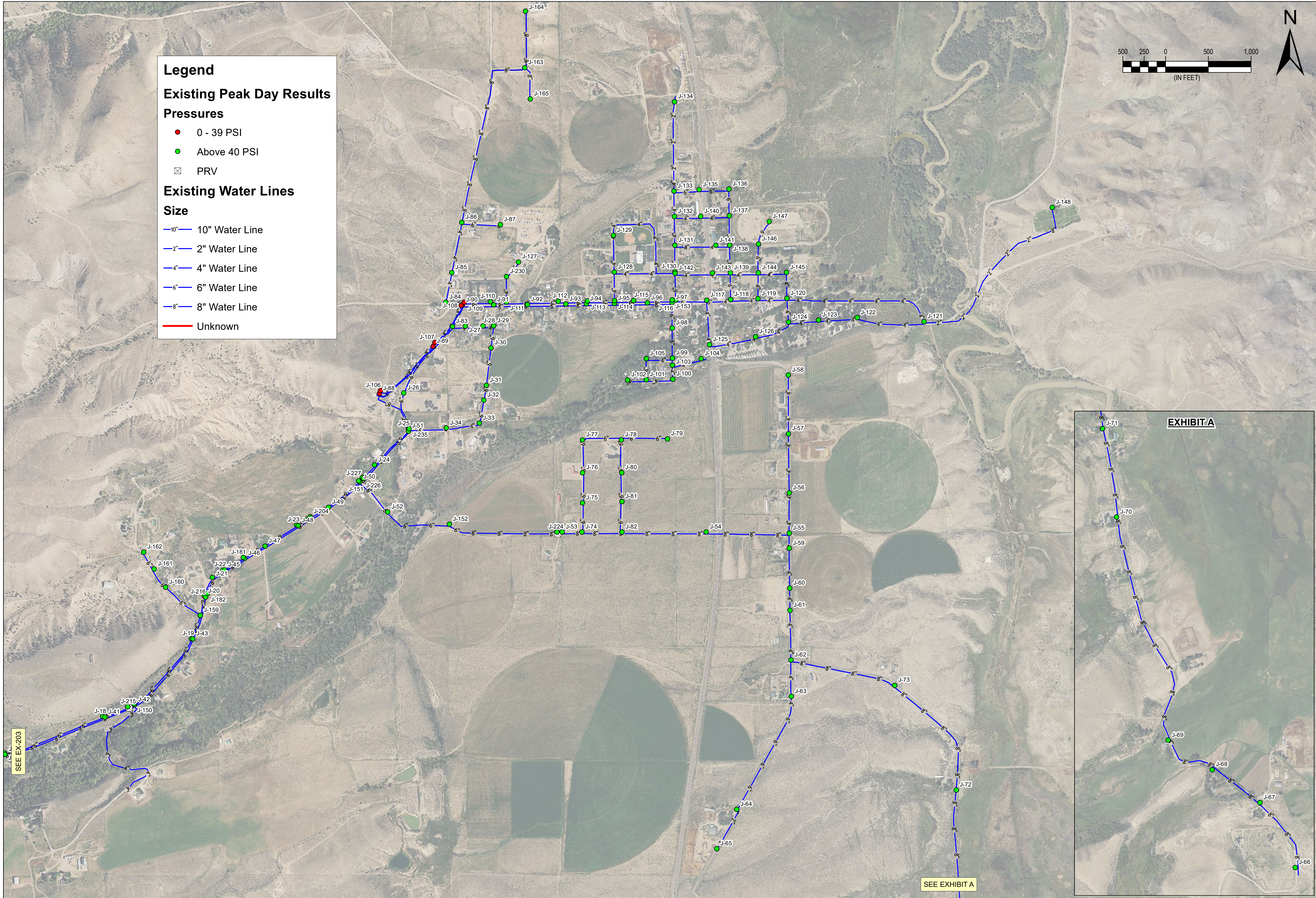
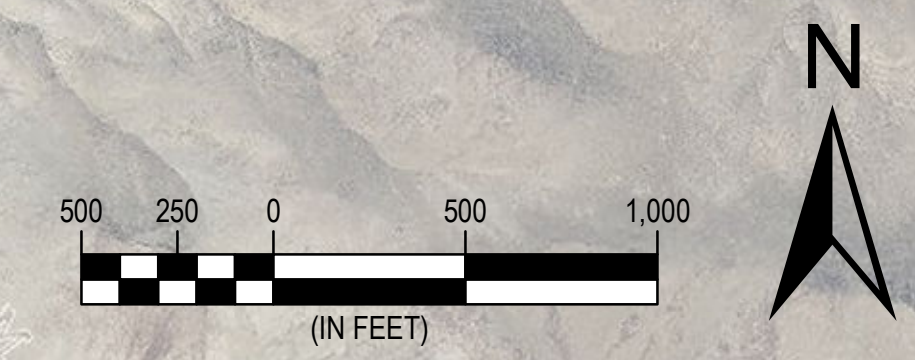
**Pressures**

- 0 - 39 PSI
- Above 40 PSI
- ☒ PRV

**Existing Water Lines**

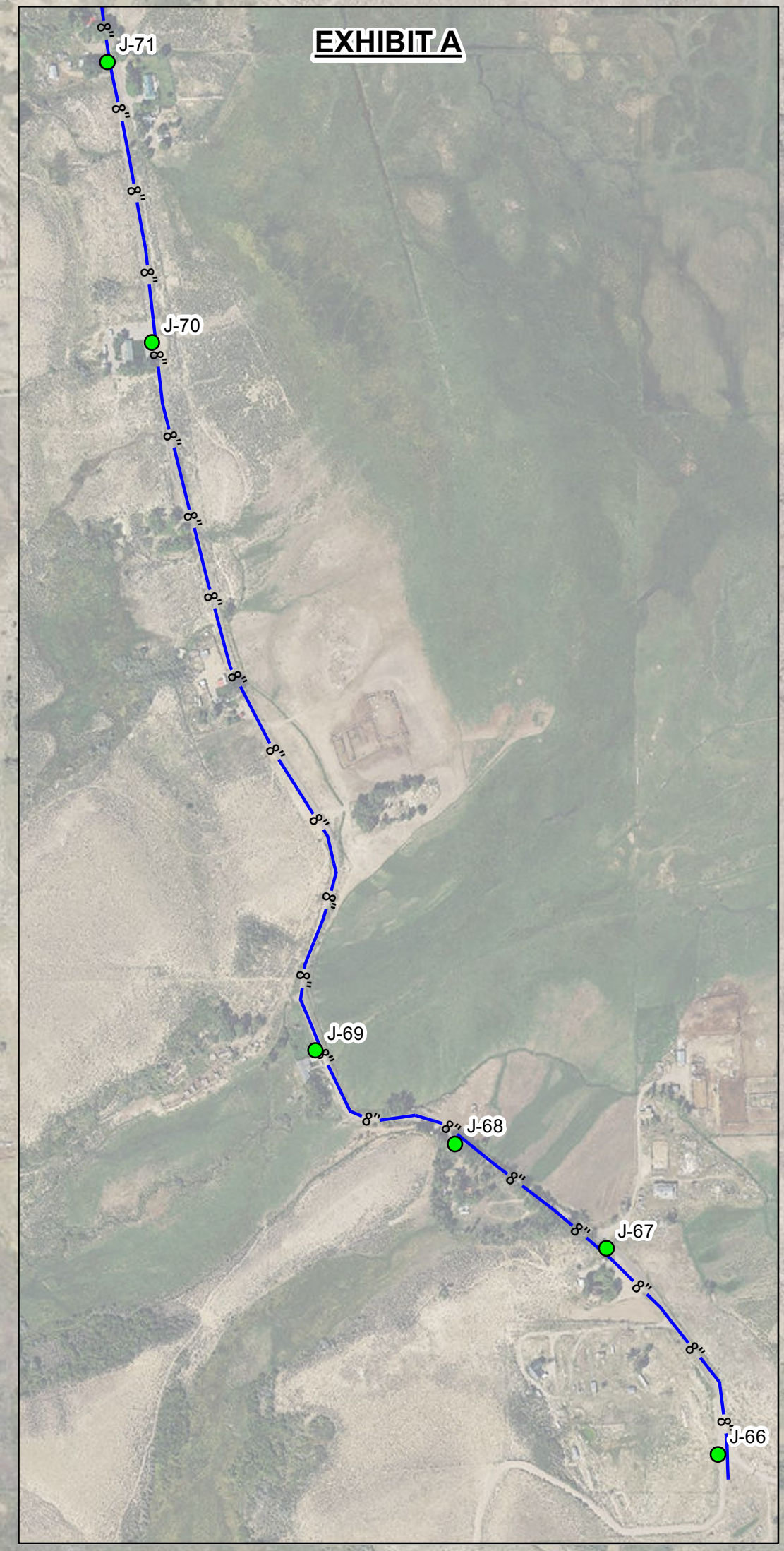
**Size**

- 10" Water Line
- 2" Water Line
- 4" Water Line
- 6" Water Line
- 8" Water Line
- Unknown



SEE EX-203

SEE EXHIBIT A



**ENSIGN**  
THE STANDARD IN ENGINEERING

**RICHFIELD**  
255 North 100 East  
Richfield, UT. 84701  
Phone: 435.896.2983

**SALT LAKE**  
Phone 801.255.0529

**TOOELE**  
Phone 435.843.3590

**LAYTON**  
Phone 801.547.1100

**CEDAR CITY**  
Phone 435.865.1453

**WWW.ENSIGNENG.COM**

FOR:  
MARYSVALE TOWN  
P.O. BOX 160  
MARYSVALE, UT 84750

CONTACT:  
CONTACT CLIENT  
PHONE:  
FAX:

**MARYSVALE WATER MASTER PLAN**

**MARYSVALE, UTAH**

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			
8			

**EXISTING PEAK DAY DEMAND**

PROJECT NUMBER: 11338      PRINT DATE: 8/2/2022

DRAWN BY: D. SCHAUGAARD      CHECKED BY: K. MARCHANT

PROJECT MANAGER: K. CRANE

**EX-202**

**Legend**

**Existing Peak Day Results**

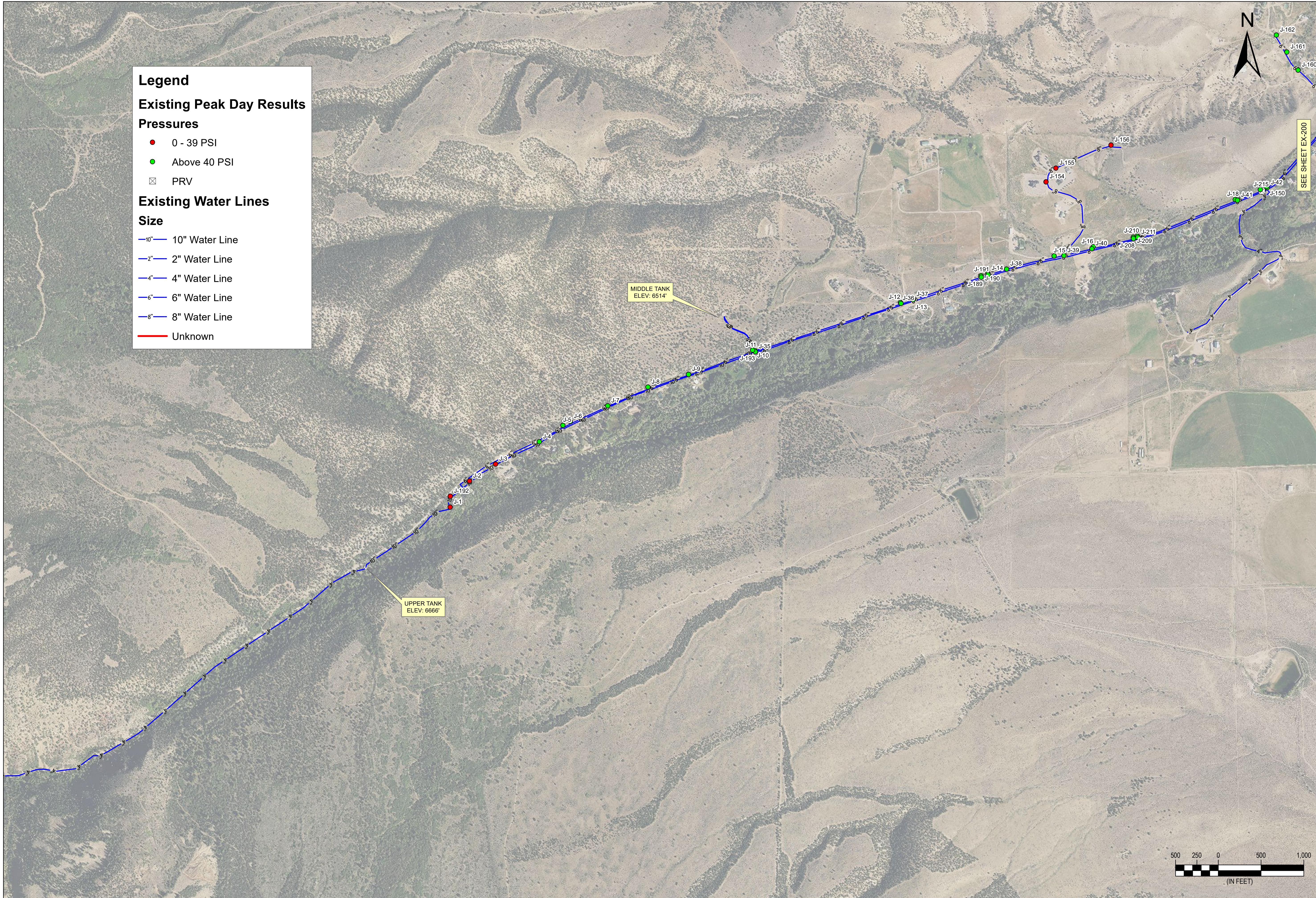
**Pressures**

- 0 - 39 PSI
- Above 40 PSI
- ☒ PRV

**Existing Water Lines**

**Size**

- 10" Water Line
- 2" Water Line
- 4" Water Line
- 6" Water Line
- 8" Water Line
- Unknown



**RICHFIELD**  
255 North 100 East  
Richfield, UT. 84701  
Phone: 435.896.2983

**SALT LAKE**  
Phone 801.255.0529

**TOOELE**  
Phone 435.843.3590

**LAYTON**  
Phone 801.547.1100

**CEDAR CITY**  
Phone 435.865.1453

[WWW.ENSGNENG.COM](http://WWW.ENSGNENG.COM)

FOR:  
MARYSVALE TOWN  
P.O. BOX 160  
MARYSVALE, UT 84750  
CONTACT:  
CONTACT CLIENT  
PHONE:  
FAX:

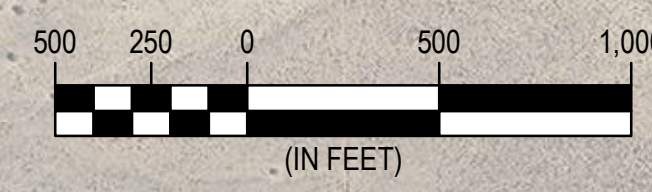
**MARYSVALE WATER MASTER PLAN**  
**MARYSVALE, UTAH**

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			
8			

**EXISTING PEAK DAY DEMAND**

PROJECT NUMBER: 11338      PRINT DATE: 9/13/2022  
DRAWN BY: D. SCHAUGAARD      CHECKED BY: K. MARCHANT  
PROJECT MANAGER: K. CRANE

**EX-203**





**Legend**

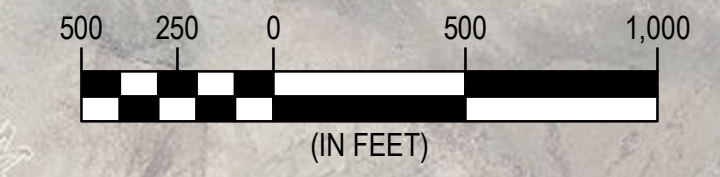
**Available Fire Flow**

- 0 - 1200 GPM
- 1200 - 1500 GPM
- Above 1500 GPM
- ☒ PRV

**Existing Water Lines**

**Size**

- 10" Water Line
- 2" Water Line
- 4" Water Line
- 6" Water Line
- 8" Water Line
- Unknown



**RICHFIELD**  
255 North 100 East  
Richfield, UT. 84701  
Phone: 435.896.2983

**SALT LAKE**  
Phone 801.255.0529

**TOOELE**  
Phone 435.843.3590

**LAYTON**  
Phone 801.547.1100

**CEDAR CITY**  
Phone 435.865.1453

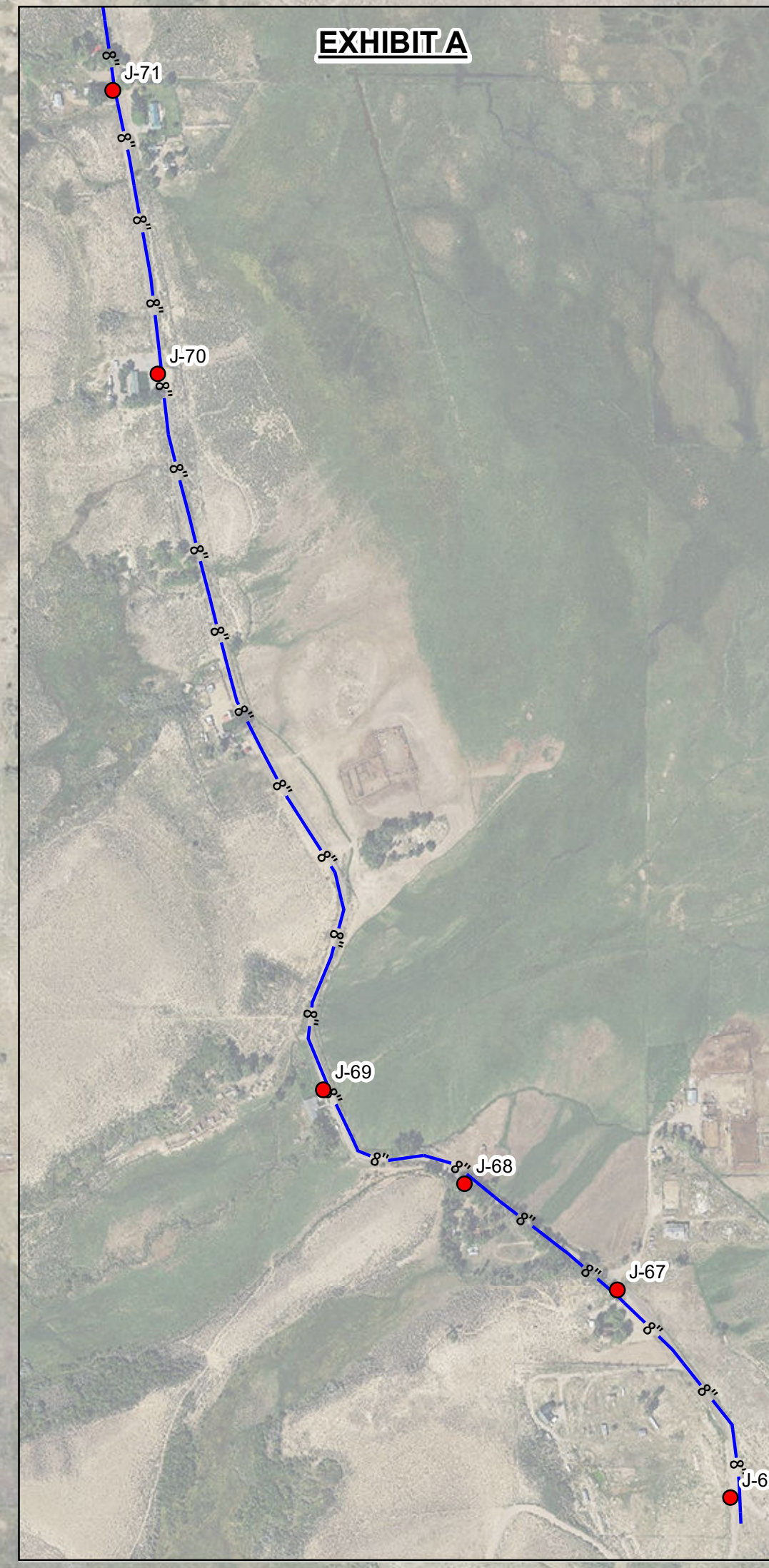
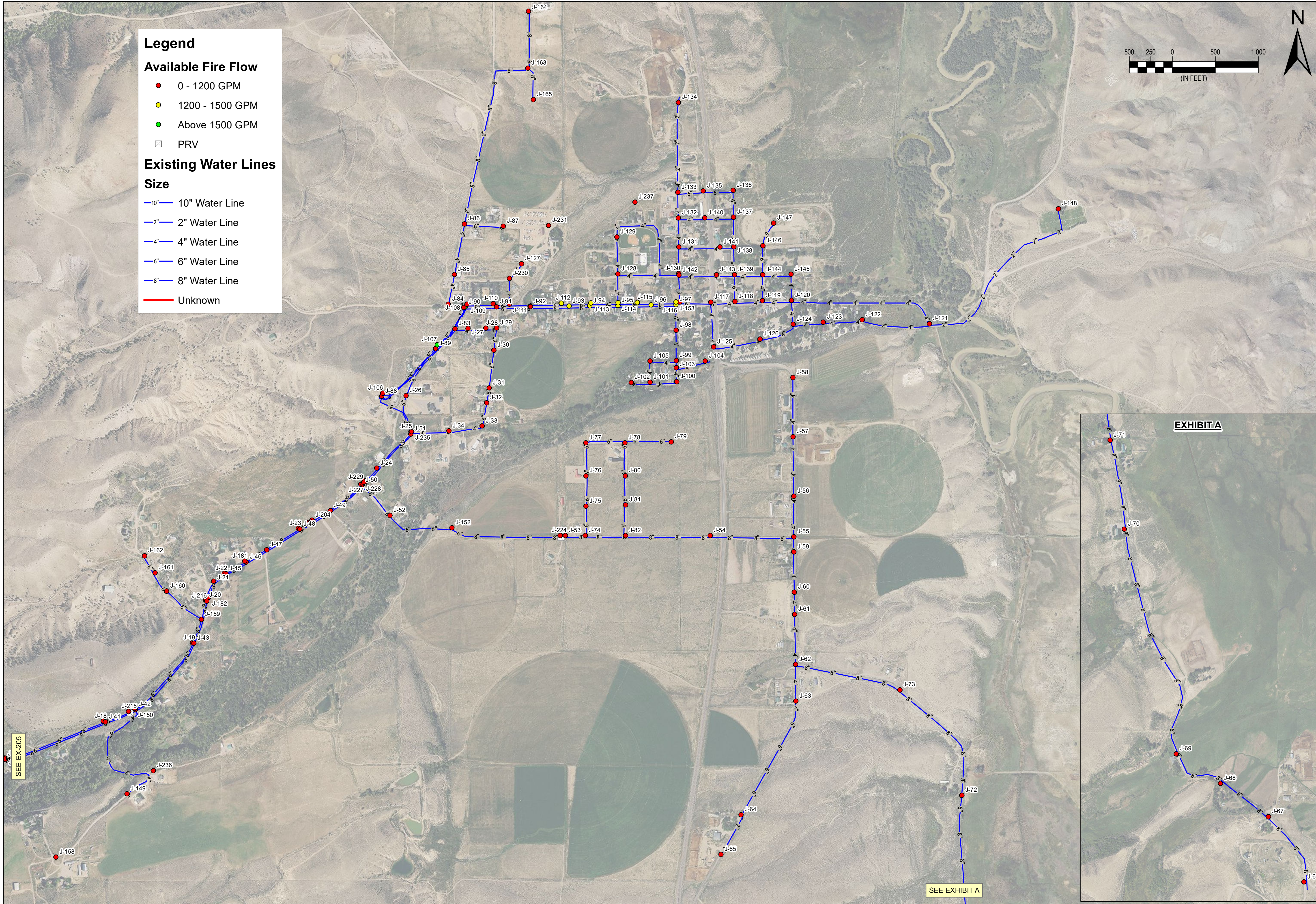
[WWW.ENSGNENG.COM](http://WWW.ENSGNENG.COM)

FOR:  
**MARYSVALE TOWN**  
P.O. BOX 160  
MARYSVALE, UT 84750

CONTACT:  
**CONTACT CLIENT**  
PHONE:  
FAX:

**MARYSVALE WATER MASTER PLAN**

**MARYSVALE, UTAH**



SEE EX-205

SEE EXHIBIT A

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			

**EXISTING FIRE FLOW DEMAND**

PROJECT NUMBER: 11338      PRINT DATE: 8/2/2022  
 DRAWN BY: D. SCHAUGAARD      CHECKED BY: K. MARCHANT  
 PROJECT MANAGER: K. CRANE

**EX-204**

**Legend**

**Existing Fire Flow Results**

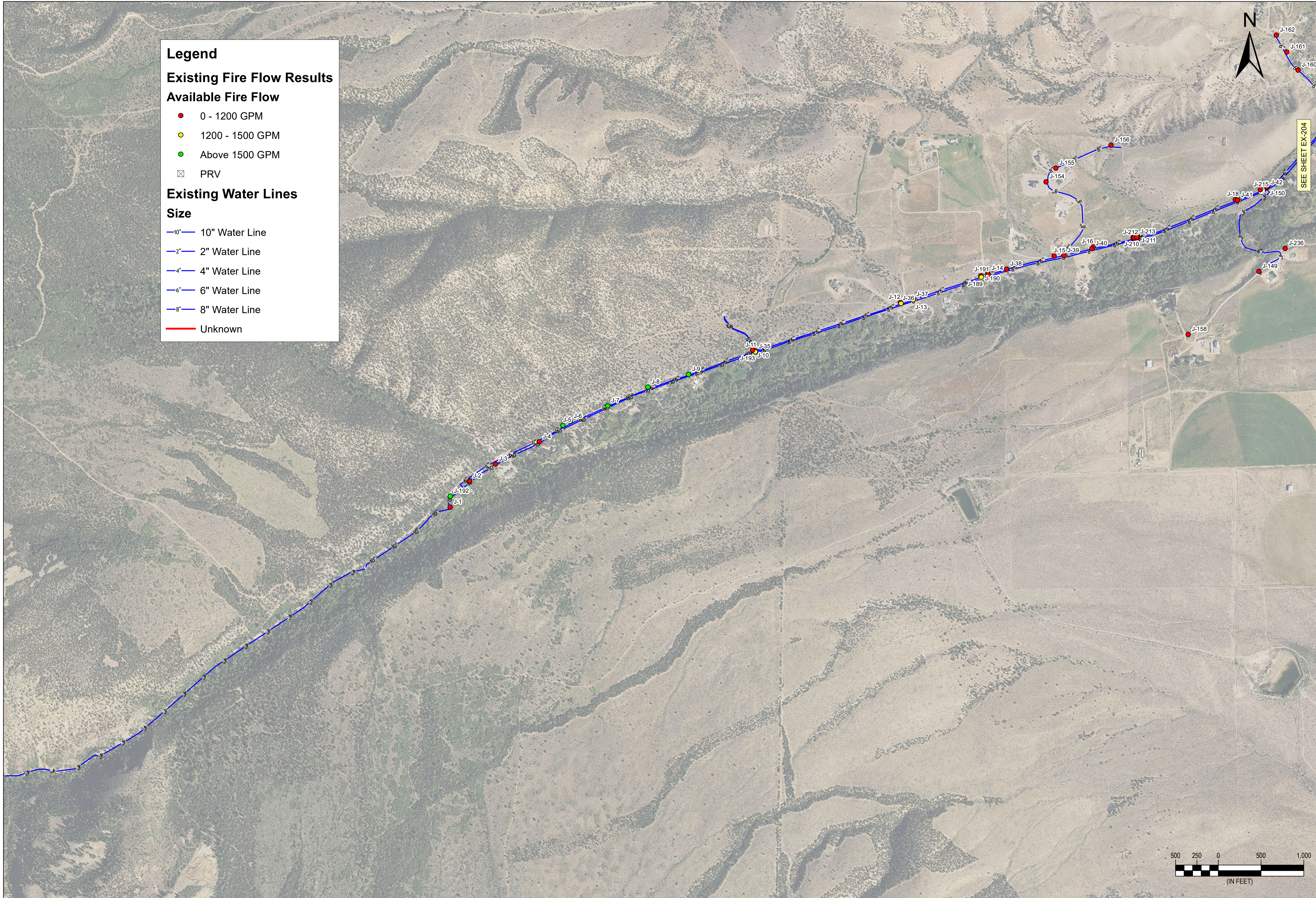
**Available Fire Flow**

- 0 - 1200 GPM
- 1200 - 1500 GPM
- Above 1500 GPM
- ☒ PRV

**Existing Water Lines**

**Size**

- 10" Water Line
- 2" Water Line
- 4" Water Line
- 6" Water Line
- 8" Water Line
- Unknown



**ENSGN**  
THE STANDARD IN ENGINEERING

**RICHFIELD**  
255 North 100 East  
Richfield, UT. 84701  
Phone: 435.896.2983

**SALT LAKE**  
Phone 801.255.0529

**TOOELE**  
Phone 435.843.3590

**LAYTON**  
Phone 801.547.1100

**CEDAR CITY**  
Phone 435.865.1453

**WWW.ENSGN.COM**

FOR:  
MARYSVALE TOWN  
P.O. BOX 160  
MARYSVALE, UT 84750

CONTACT:  
CONTACT CLIENT  
PHONE:  
FAX:

**MARYSVALE WATER MASTER PLAN**

**MARYSVALE, UTAH**

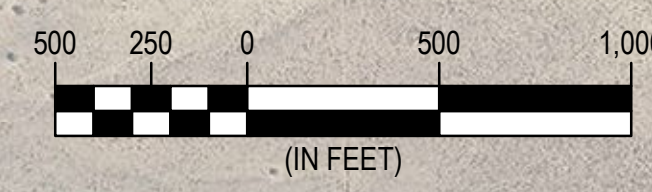
NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			

**EXISTING FIRE FLOW DEMAND**

PROJECT NUMBER: 11338      PRINT DATE: 8/2/2022

DRAWN BY: D. SCHAUGAARD      CHECKED BY: K. MARCHANT

PROJECT MANAGER: K. CRANE



**EX-205**

**MARYSVALE WATER MASTER PLAN**

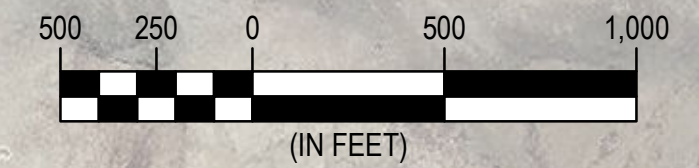
**MARYSVALE, UTAH**

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			
8			

**FUTURE PEAK INSTANTANEOUS DEMAND**

PROJECT NUMBER: 11338	PRINT DATE: 8/2/2022
DRAWN BY: D. SCHAUGAARD	CHECKED BY: K. MARCHANT
PROJECT MANAGER: K. CRANE	

**EX-300**



**Legend**

**Future Peak Inst. Results**

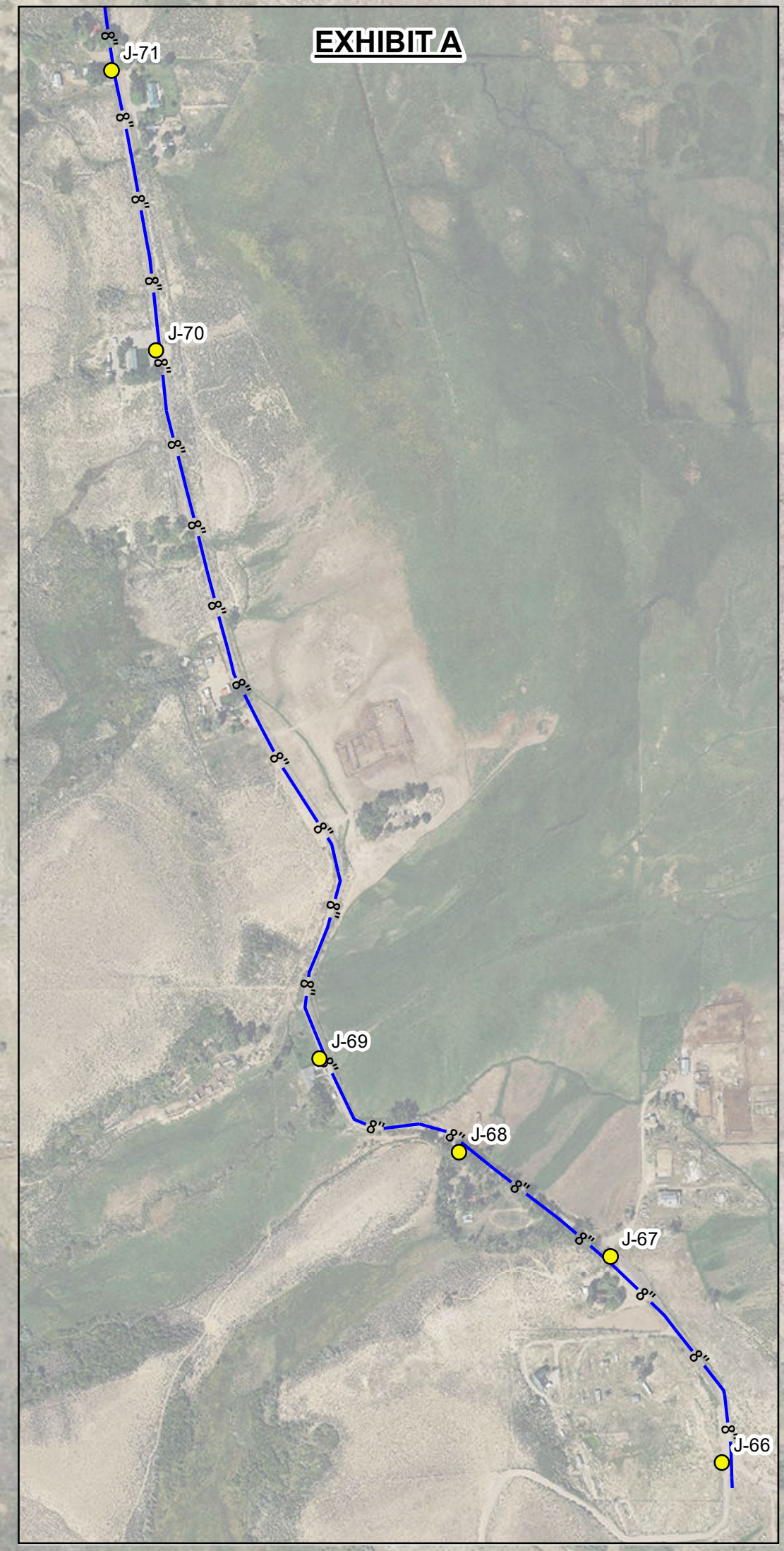
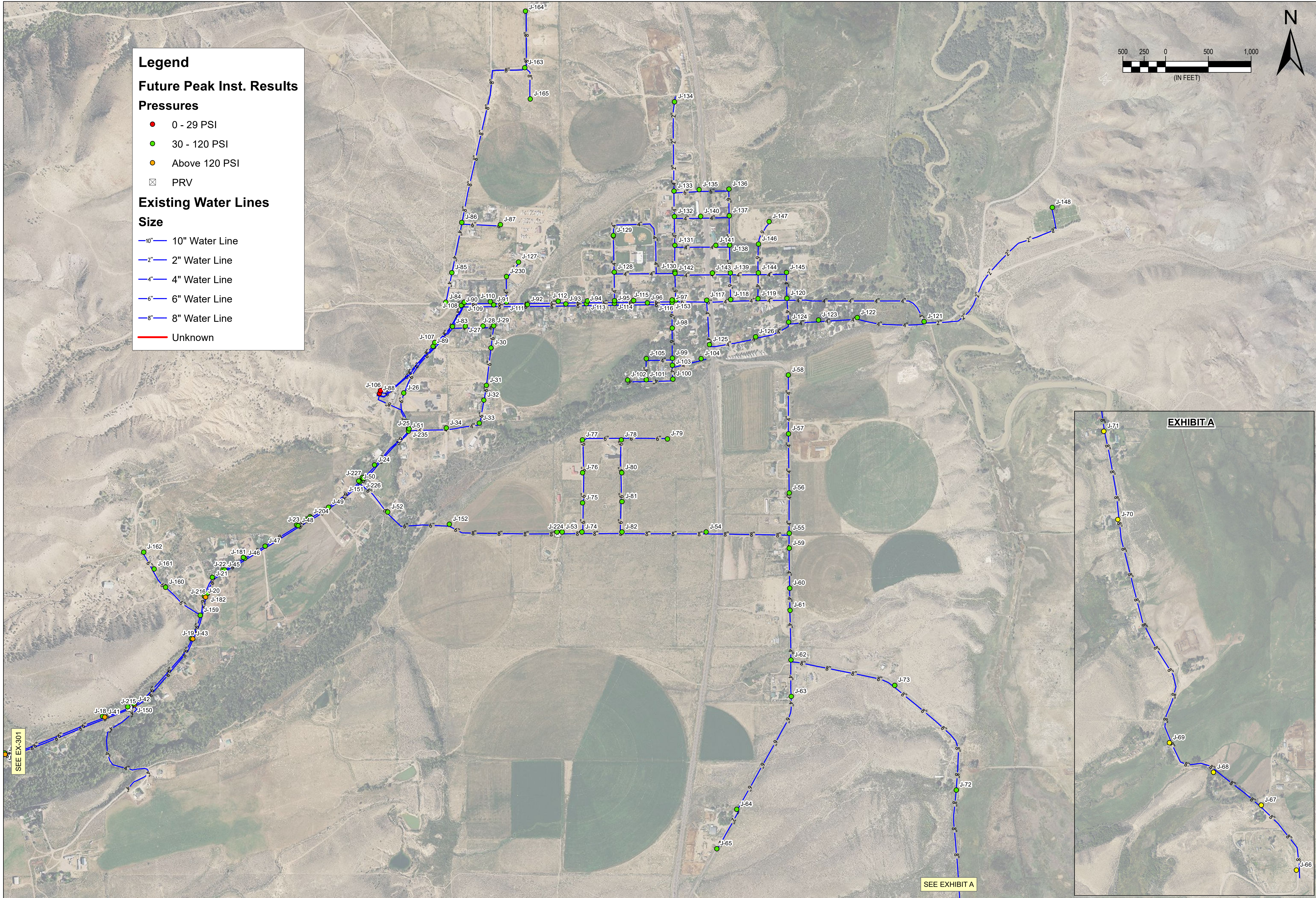
**Pressures**

- 0 - 29 PSI
- 30 - 120 PSI
- Above 120 PSI
- ☒ PRV

**Existing Water Lines**

**Size**

- 10" 10" Water Line
- 2" 2" Water Line
- 4" 4" Water Line
- 6" 6" Water Line
- 8" 8" Water Line
- Unknown



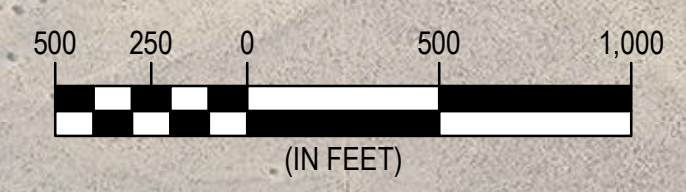
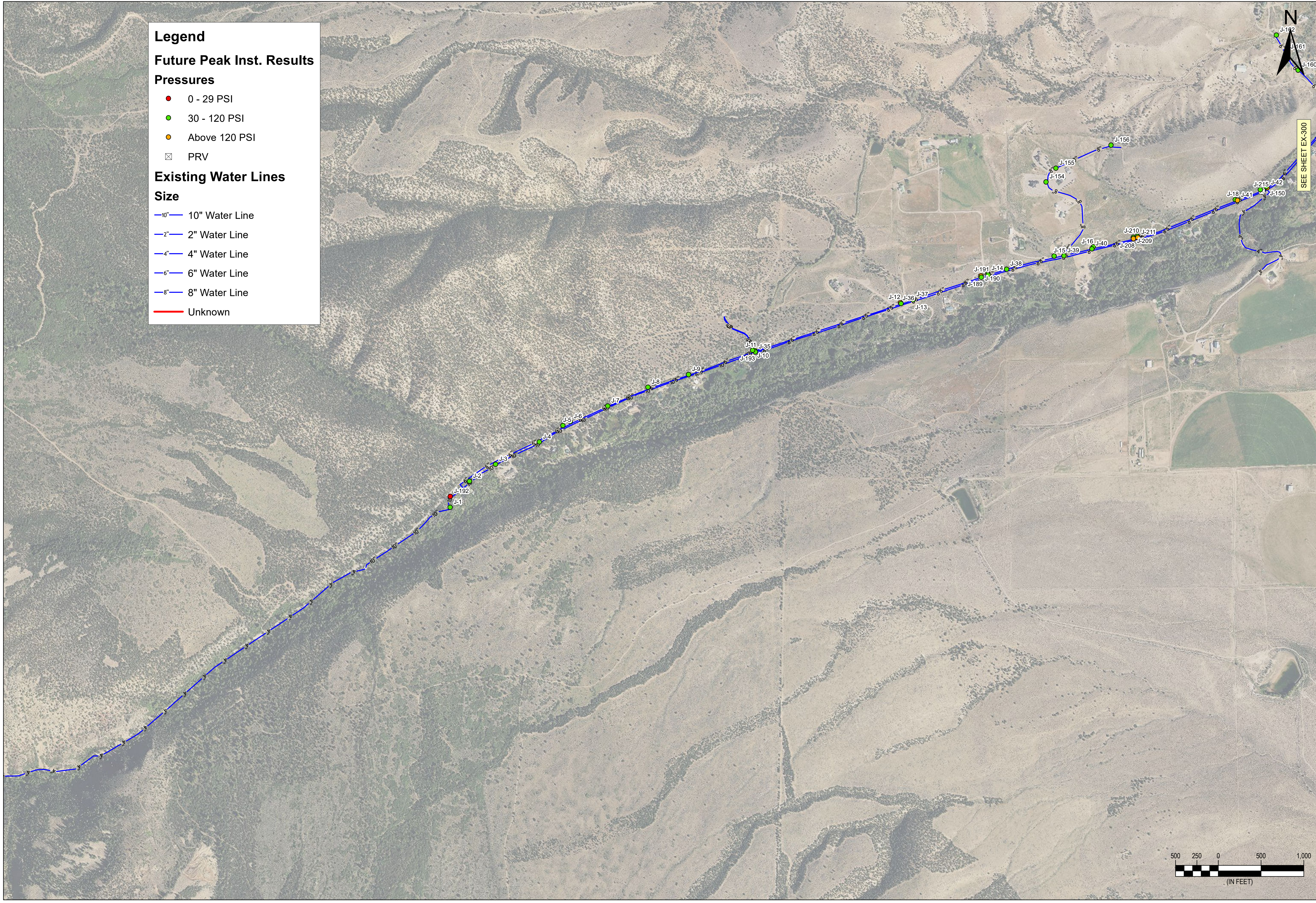
**Legend**

**Future Peak Inst. Results Pressures**

- 0 - 29 PSI
- 30 - 120 PSI
- Above 120 PSI
- ☒ PRV

**Existing Water Lines Size**

- 10" 10" Water Line
- 2" 2" Water Line
- 4" 4" Water Line
- 6" 6" Water Line
- 8" 8" Water Line
- Unknown



**ENSGN**  
THE STANDARD IN ENGINEERING

**RICHFIELD**  
255 North 100 East  
Richfield, UT. 84701  
Phone: 435.896.2983

**SALT LAKE**  
Phone 801.255.0529

**TOOELE**  
Phone 435.843.3590

**LAYTON**  
Phone 801.547.1100

**CEDAR CITY**  
Phone 435.865.1453

[WWW.ENSGNENG.COM](http://WWW.ENSGNENG.COM)

FOR:  
MARYSVALE TOWN  
P.O. BOX 160  
MARYSVALE, UT 84750

CONTACT:  
CONTACT CLIENT  
PHONE:  
FAX:

**MARYSVALE WATER MASTER PLAN**

**MARYSVALE, UTAH**

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			

**FUTURE PEAK INSTANTANEOUS DEMAND**

PROJECT NUMBER: 11338      PRINT DATE: 8/2/2022

DRAWN BY: D. SCHAUGAARD      CHECKED BY: K. MARCHANT

PROJECT MANAGER: K. CRANE

**EX-301**

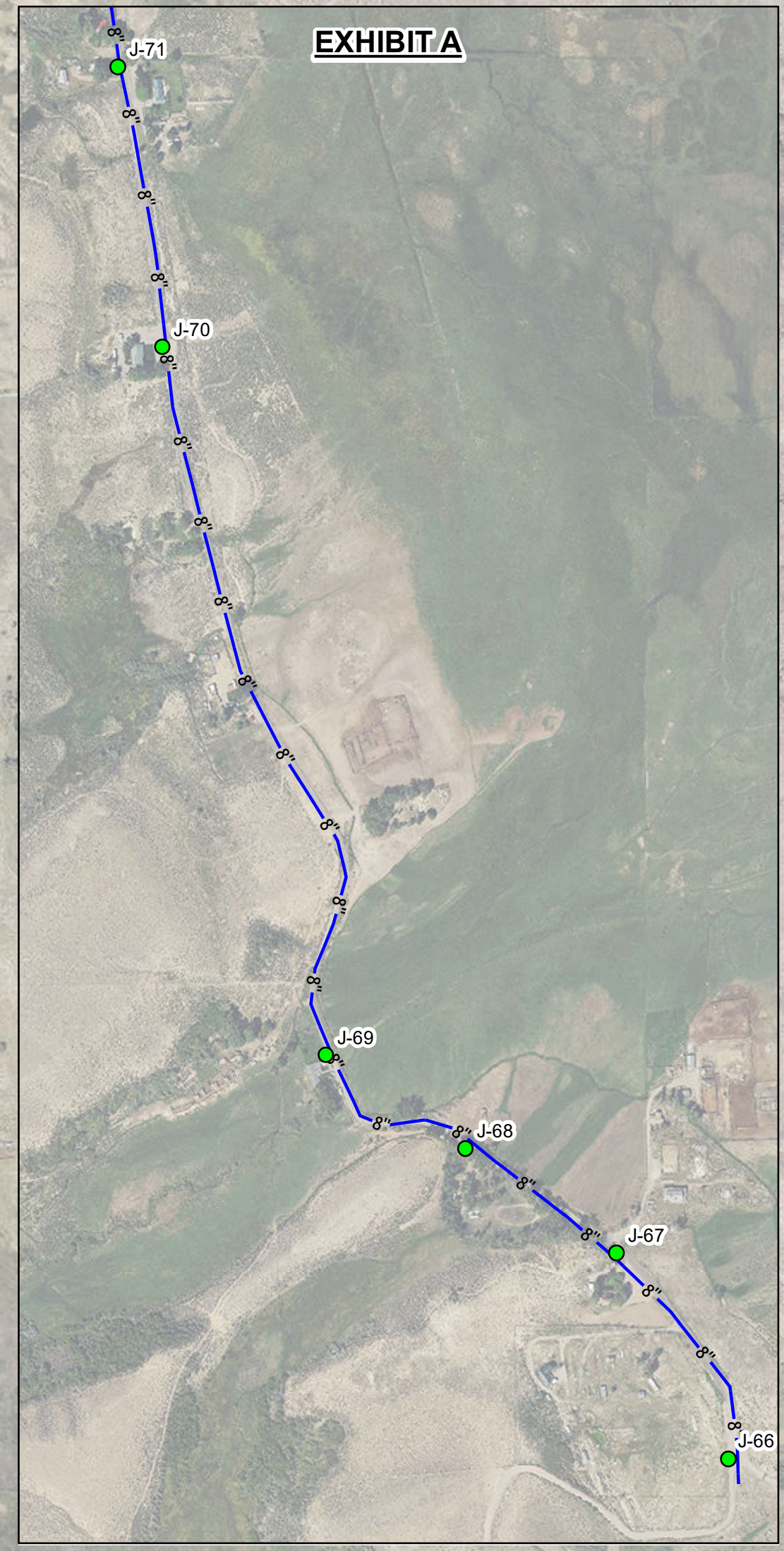
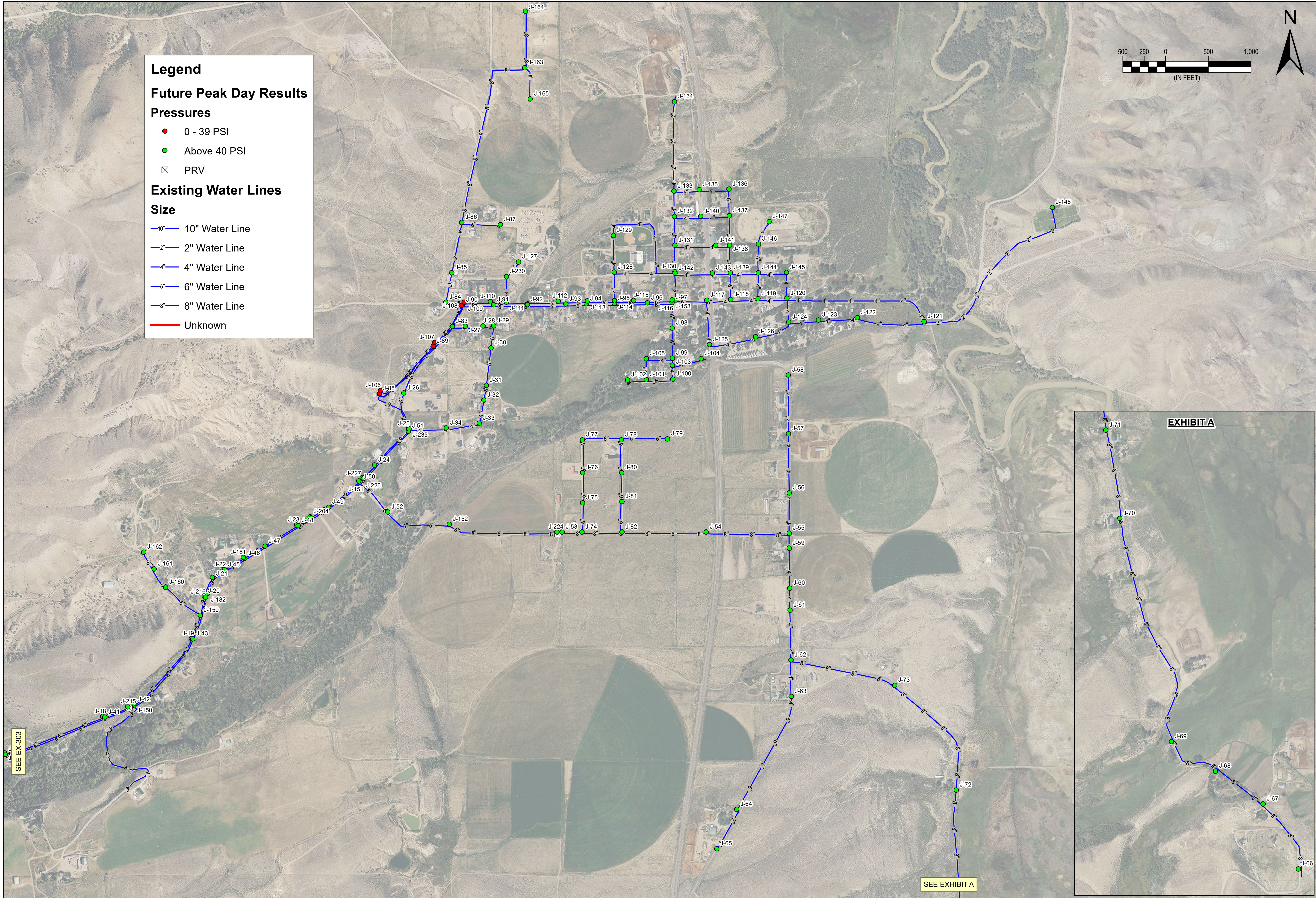
**Legend**

**Future Peak Day Results Pressures**

- 0 - 39 PSI
- Above 40 PSI
- ☒ PRV

**Existing Water Lines Size**

- 10" Water Line
- 2" Water Line
- 4" Water Line
- 6" Water Line
- 8" Water Line
- Unknown



SEE EX-303

SEE EXHIBIT A

**ENSIGN**  
THE STANDARD IN ENGINEERING

**RICHFIELD**  
255 North 100 East  
Richfield, UT. 84701  
Phone: 435.896.2983

**SALT LAKE**  
Phone 801.255.0529

**TOOELE**  
Phone 435.843.3590

**LAYTON**  
Phone 801.547.1100

**CEDAR CITY**  
Phone 435.865.1453

**WWW.ENSIGNENG.COM**

FOR:  
MARYSVALE TOWN  
P.O. BOX 160  
MARYSVALE, UT 84750

CONTACT:  
CONTACT CLIENT  
PHONE:  
FAX:

**MARYSVALE WATER MASTER PLAN**

**MARYSVALE, UTAH**

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			
8			

**FUTURE PEAK DAY DEMAND**

PROJECT NUMBER: 11338      PRINT DATE: 8/2/2022

DRAWN BY: D. SCHAUGAARD      CHECKED BY: K. MARCHANT

PROJECT MANAGER: K. CRANE

**EX-302**

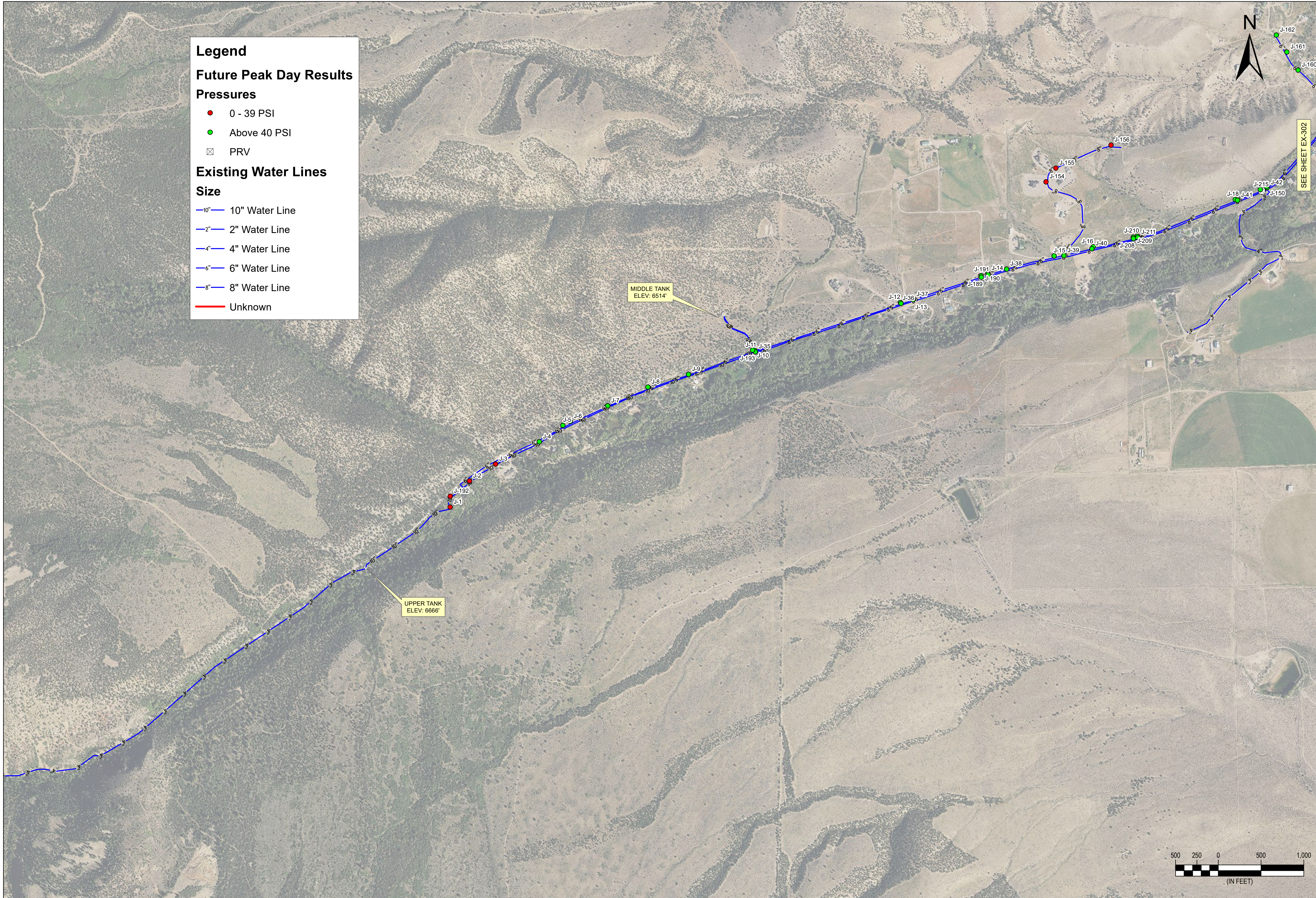
**Legend**

**Future Peak Day Results Pressures**

- 0 - 39 PSI
- Above 40 PSI
- ☒ PRV

**Existing Water Lines Size**

- 10" Water Line
- 2" Water Line
- 4" Water Line
- 6" Water Line
- 8" Water Line
- Unknown



**ENSGN**  
THE STANDARD IN ENGINEERING

**RICHFIELD**  
255 North 100 East  
Richfield, UT. 84701  
Phone: 435.896.2983

**SALT LAKE**  
Phone 801.255.0529

**TOOELE**  
Phone 435.843.3590

**LAYTON**  
Phone 801.547.1100

**CEDAR CITY**  
Phone 435.865.1453

**WWW.ENSGN.COM**

FOR:  
MARYSVALE TOWN  
P.O. BOX 160  
MARYSVALE, UT 84750

CONTACT:  
CONTACT CLIENT  
PHONE:  
FAX:

**MARYSVALE WATER MASTER PLAN**

**MARYSVALE, UTAH**

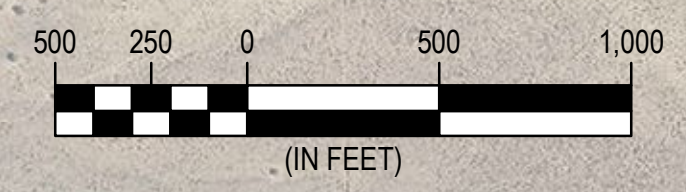
NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			

**FUTURE PEAK DAY DEMAND**

PROJECT NUMBER: 11338      PRINT DATE: 5/13/2022

DRAWN BY: D. SCHAUGAARD      CHECKED BY: K. MARCHANT

PROJECT MANAGER: K. CRANE



**EX-303**





**RICHFIELD**  
 255 North 100 East  
 Richfield, UT. 84701  
 Phone: 435.896.2983

**SALT LAKE**  
 Phone 801.255.0529

**TOOELE**  
 Phone 435.843.3590

**LAYTON**  
 Phone 801.547.1100

**CEDAR CITY**  
 Phone 435.865.1453

[WWW.ENSGNENG.COM](http://WWW.ENSGNENG.COM)

FOR:  
**MARYSVALE TOWN**  
 P.O. BOX 160  
 MARYSVALE, UT 84750

CONTACT:  
**CONTACT CLIENT**  
 PHONE:  
 FAX:

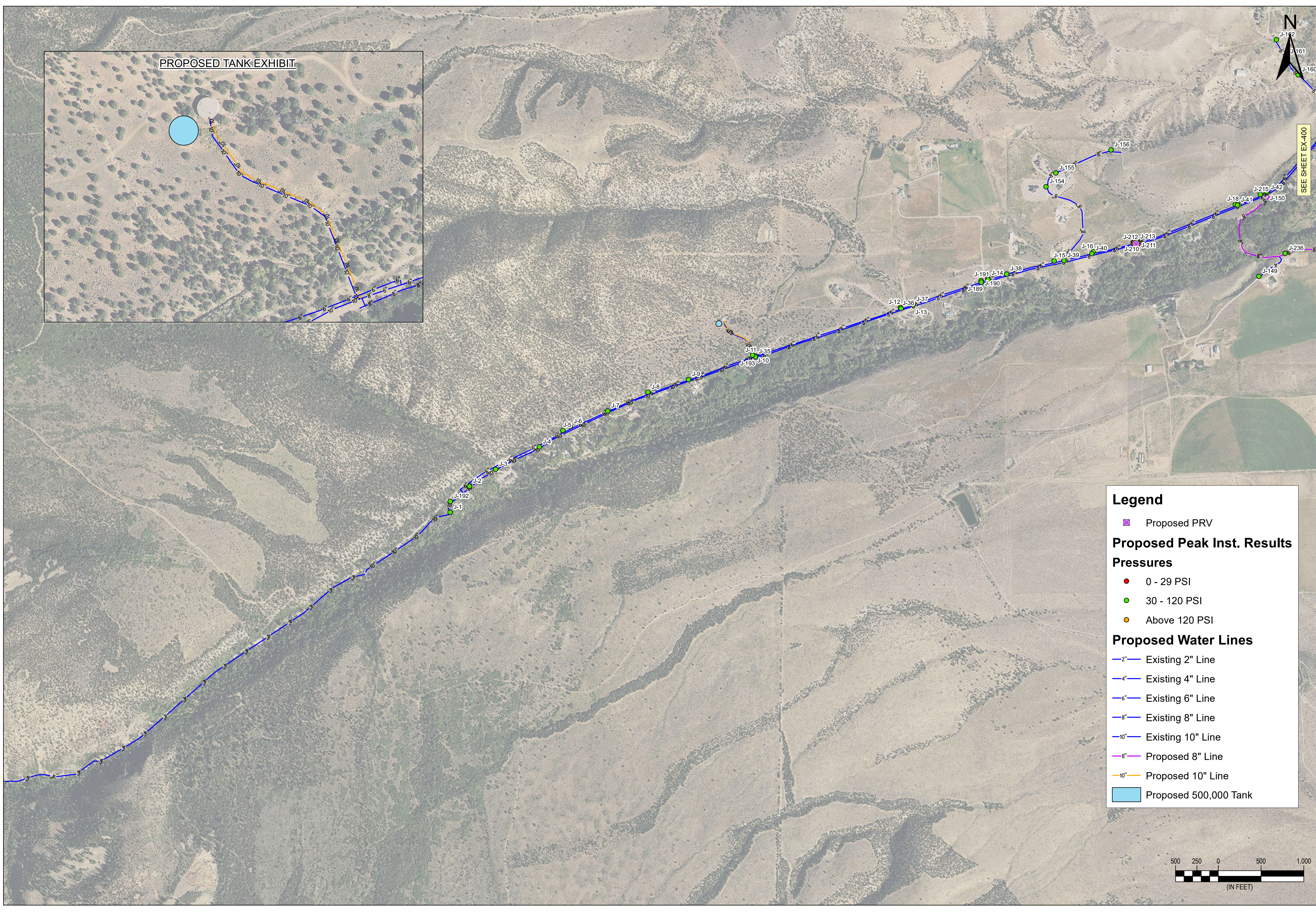
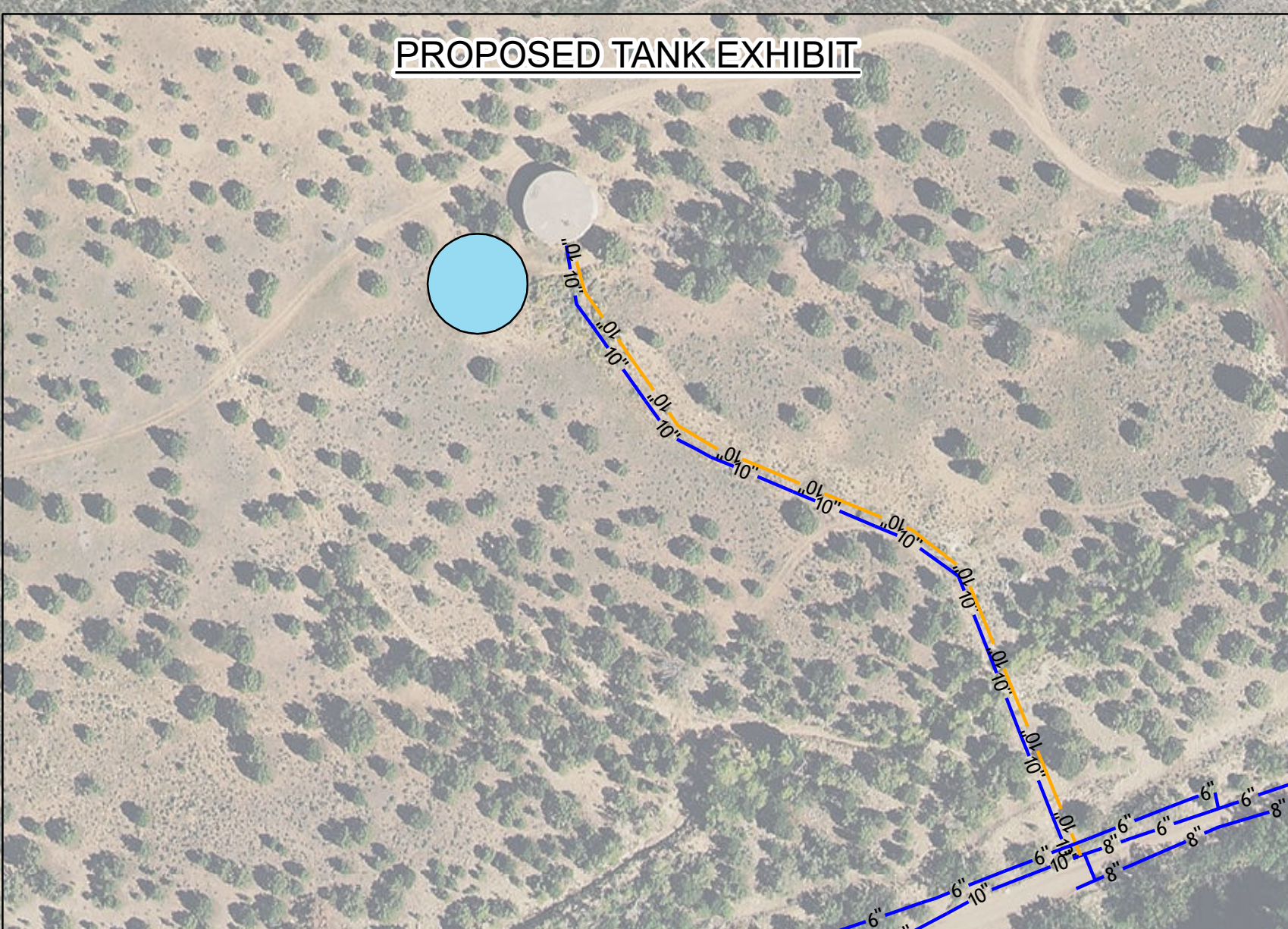
**MARYSVALE WATER MASTER PLAN**  
**MARYSVALE, UTAH**

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			
8			

**PROPOSED PEAK INSTANTANEOUS DEMAND**

PROJECT NUMBER: 11338      PRINT DATE: 8/2/2022  
 DRAWN BY: D. SCHAUGAARD      CHECKED BY: K. MARCHANT  
 PROJECT MANAGER: K. CRANE

**EX-401**



**Legend**

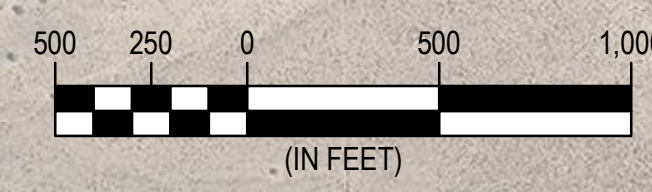
- Proposed PRV

**Proposed Peak Inst. Results Pressures**

- 0 - 29 PSI
- 30 - 120 PSI
- Above 120 PSI











**Proposed Water Lines**

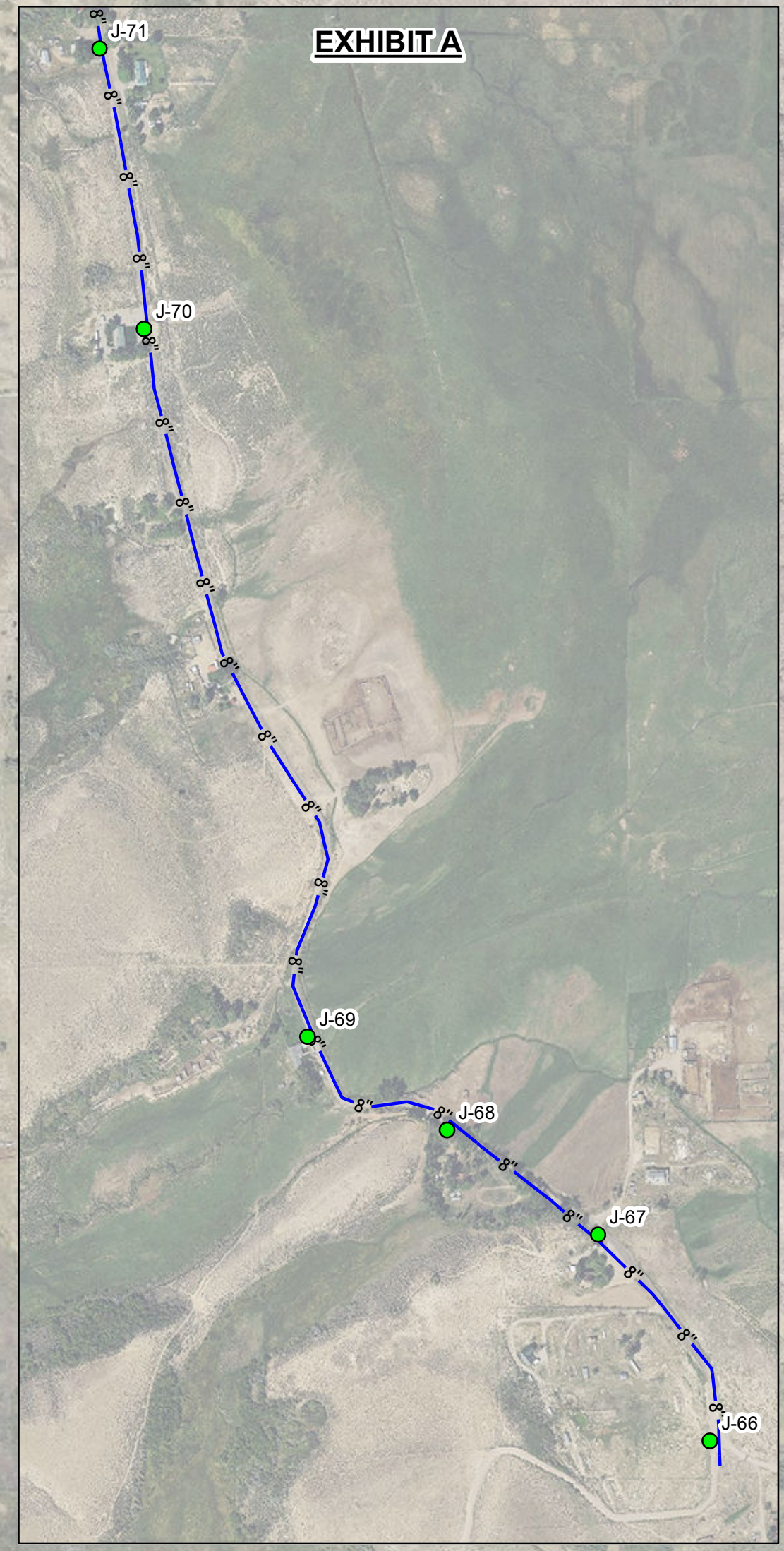
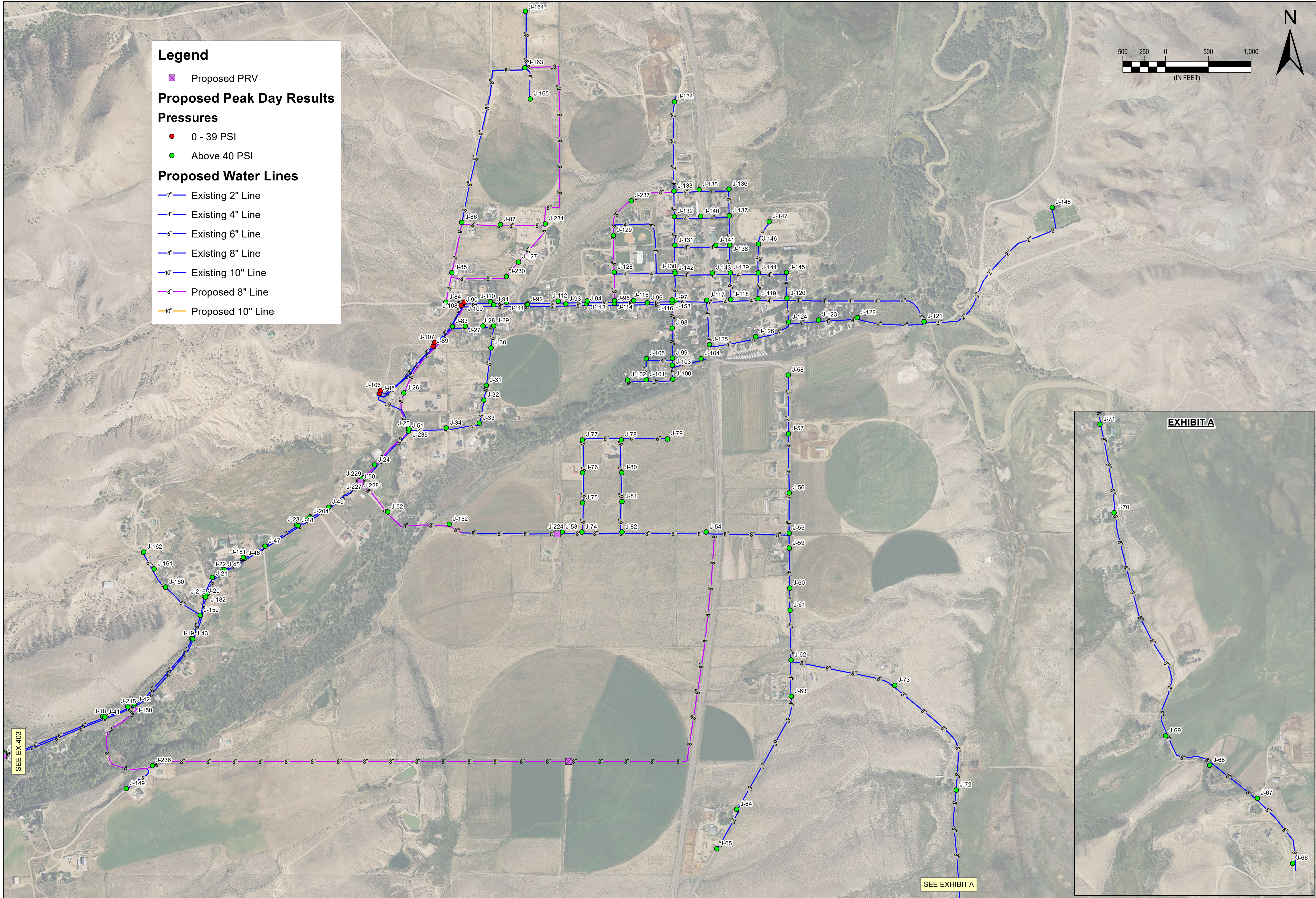
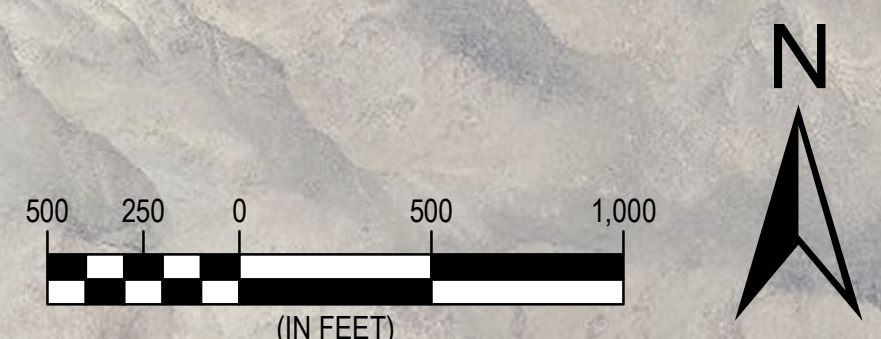
- Existing 2" Line
- Existing 4" Line
- Existing 6" Line
- Existing 8" Line
- Existing 10" Line
- Proposed 8" Line
- Proposed 10" Line
- Proposed 500,000 Tank





**Legend**

-  Proposed PRV
- Proposed Peak Day Results Pressures**
  -  0 - 39 PSI
  -  Above 40 PSI
- Proposed Water Lines**
  -  Existing 2" Line
  -  Existing 4" Line
  -  Existing 6" Line
  -  Existing 8" Line
  -  Existing 10" Line
  -  Proposed 8" Line
  -  Proposed 10" Line



SEE EX-403

SEE EXHIBIT A

**ENSGN**  
THE STANDARD IN ENGINEERING

**RICHFIELD**  
255 North 100 East  
Richfield, UT. 84701  
Phone: 435.896.2983

**SALT LAKE**  
Phone 801.255.0529

**TOOELE**  
Phone 435.843.3590

**LAYTON**  
Phone 801.547.1100

**CEDAR CITY**  
Phone 435.865.1453

**WWW.ENSGNENG.COM**

FOR:  
MARYSVALE TOWN  
P.O. BOX 160  
MARYSVALE, UT 84750

CONTACT:  
CONTACT CLIENT  
PHONE:  
FAX:

**MARYSVALE WATER MASTER PLAN**

**MARYSVALE, UTAH**

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			
8			

**PROPOSED PEAK DAY DEMAND**

PROJECT NUMBER: 11338      PRINT DATE: 8/2/2022

DRAWN BY: D. SCHAUGAARD      CHECKED BY: K. MARCHANT

PROJECT MANAGER: K. CRANE

**EX-402**



**RICHFIELD**  
 255 North 100 East  
 Richfield, UT. 84701  
 Phone: 435.896.2983

**SALT LAKE**  
 Phone 801.255.0529

**TOOELE**  
 Phone 435.843.3590

**LAYTON**  
 Phone 801.547.1100

**CEDAR CITY**  
 Phone 435.865.1453

[WWW.ENSGNENG.COM](http://WWW.ENSGNENG.COM)

FOR:  
 MARYSVALE TOWN  
 P.O. BOX 160  
 MARYSVALE, UT 84750

CONTACT:  
 CONTACT CLIENT  
 PHONE:  
 FAX:

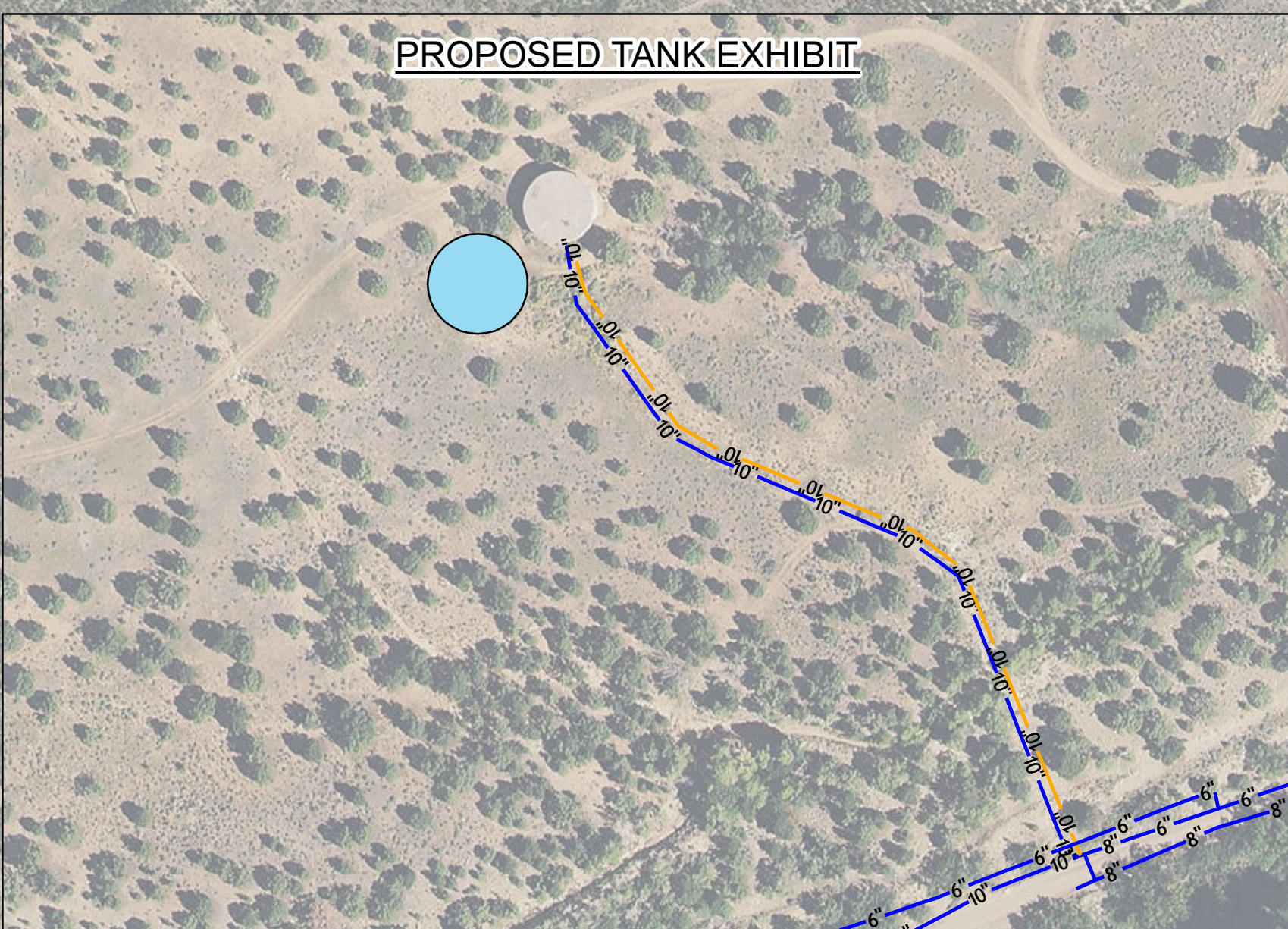
**MARYSVALE WATER MASTER PLAN**  
**MARYSVALE, UTAH**

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			
8			

**PROPOSED PEAK DAY DEMAND**

PROJECT NUMBER: 11398      PRINT DATE: 8/22/2022  
 DRAWN BY: D. SCHAUGAARD      CHECKED BY: K. MARCHANT  
 PROJECT MANAGER: K. CRANE

**EX-403**



**Legend**

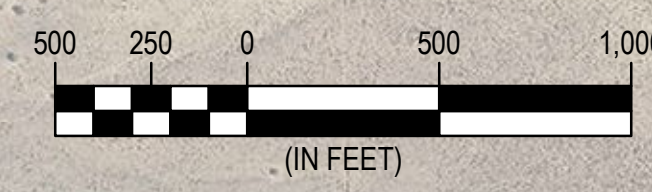
- Proposed PRV

**Proposed Peak Day Results Pressures**

- 0 - 39 PSI
- Above 40 PSI

**Proposed Water Lines**

- Existing 2" Line
- Existing 4" Line
- Existing 6" Line
- Existing 8" Line
- Existing 10" Line
- Proposed 8" Line
- Proposed 10" Line
- Proposed 500,000 Tank





**RICHFIELD**  
255 North 100 East  
Richfield, UT. 84701  
Phone: 435.896.2983

**SALT LAKE**  
Phone 801.255.0529

**TOOELE**  
Phone 435.843.3590

**LAYTON**  
Phone 801.547.1100

**CEDAR CITY**  
Phone 435.865.1453

[WWW.ENSGNENG.COM](http://WWW.ENSGNENG.COM)

FOR:  
**MARYSVALE TOWN**  
P.O. BOX 160  
MARYSVALE, UT 84750  
CONTACT:  
**CONTACT CLIENT**  
PHONE:  
FAX:

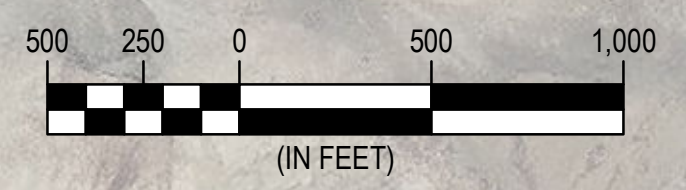
**MARYSVALE WATER MASTER PLAN**  
**MARYSVALE, UTAH**

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			

**PROPOSED FIRE FLOW DEMAND**

PROJECT NUMBER: 11338      PRINT DATE: 8/2/2022  
DRAWN BY: D. SCHAUGAARD      CHECKED BY: K. MARCHANT  
PROJECT MANAGER: K. CRANE

**EX-404**



**Legend**

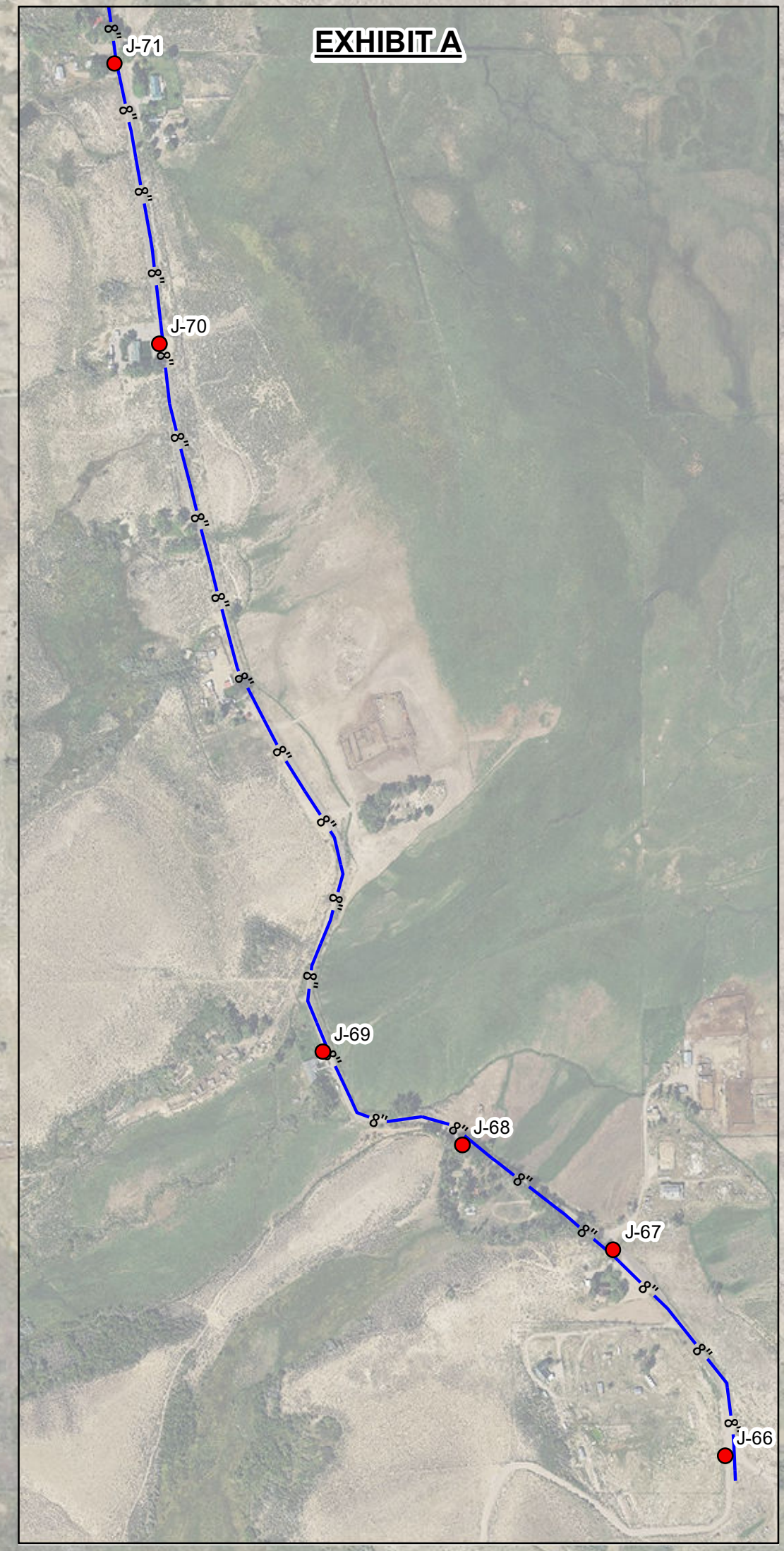
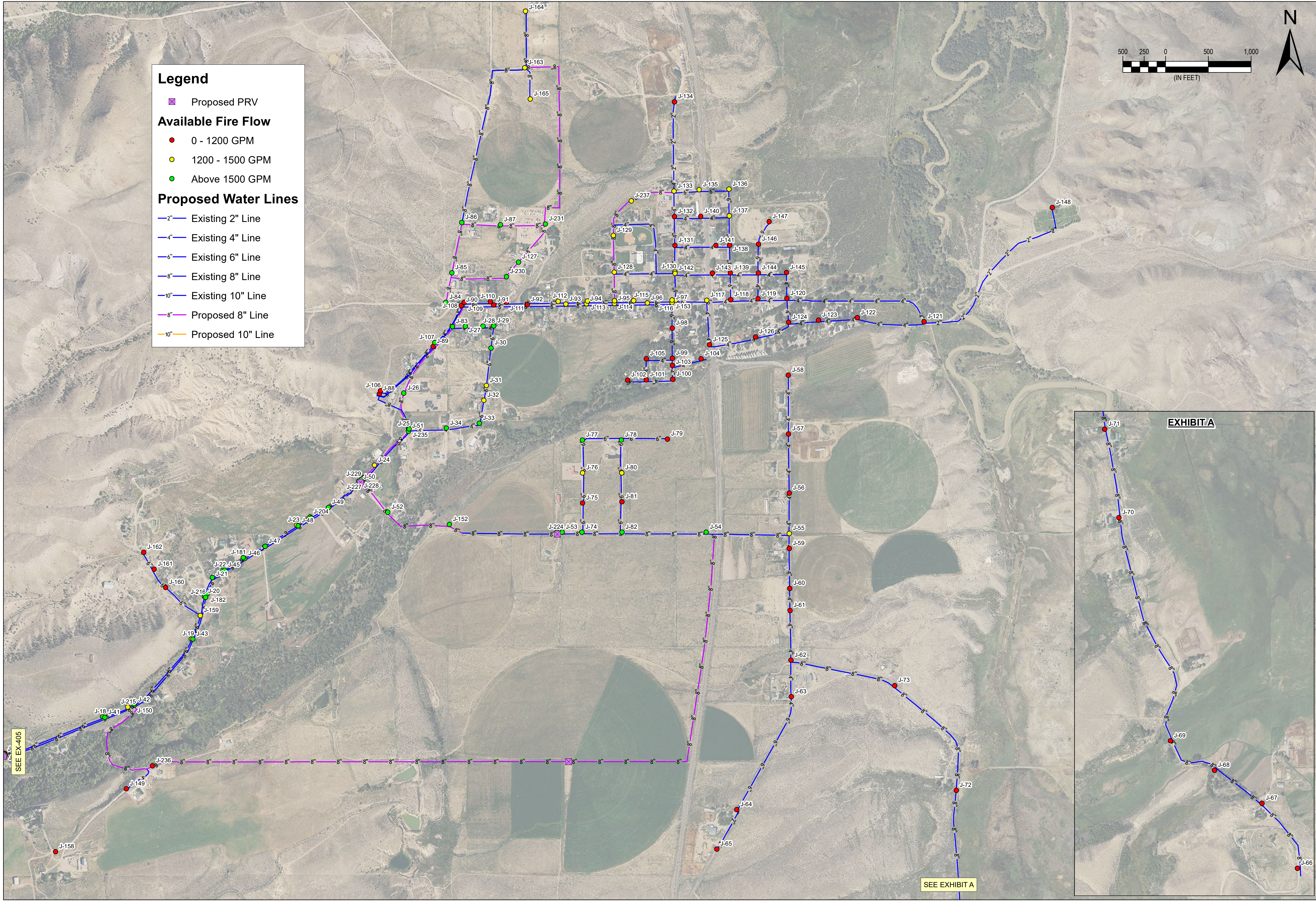
- Proposed PRV

**Available Fire Flow**

- 0 - 1200 GPM
- 1200 - 1500 GPM
- Above 1500 GPM

**Proposed Water Lines**

- Existing 2" Line
- Existing 4" Line
- Existing 6" Line
- Existing 8" Line
- Existing 10" Line
- Proposed 8" Line
- Proposed 10" Line



SEE EX-405

SEE EXHIBIT A



**RICHFIELD**  
 255 North 100 East  
 Richfield, UT. 84701  
 Phone: 435.896.2983

**SALT LAKE**  
 Phone 801.255.0529

**TOOELE**  
 Phone 435.843.3590

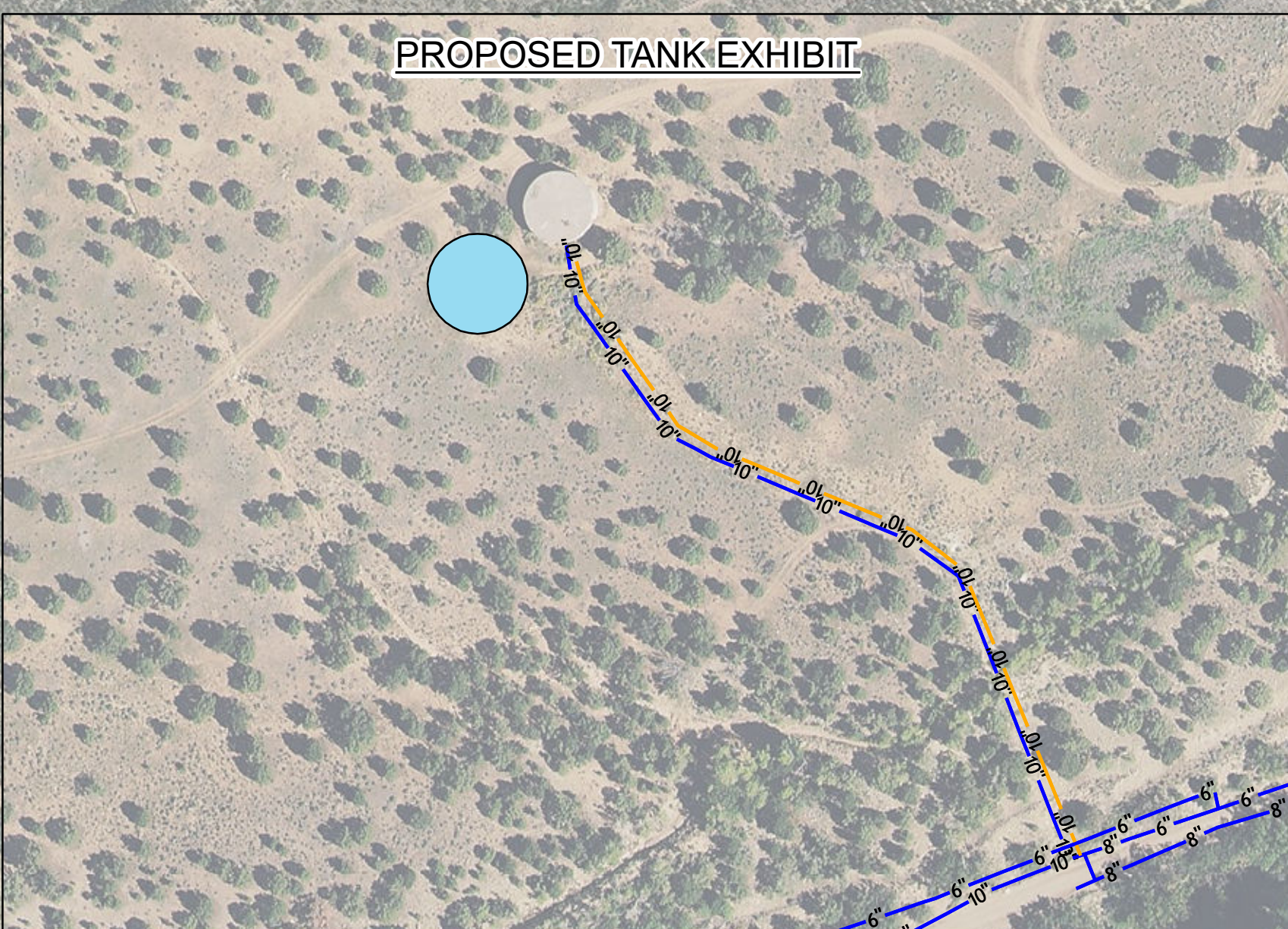
**LAYTON**  
 Phone 801.547.1100

**CEDAR CITY**  
 Phone 435.865.1453

[WWW.ENSGNENG.COM](http://WWW.ENSGNENG.COM)

FOR:  
**MARYSVALE TOWN**  
 P.O. BOX 160  
 MARYSVALE, UT 84750

CONTACT:  
**CONTACT CLIENT**  
 PHONE:  
 FAX:



**Legend**

- Proposed PRV

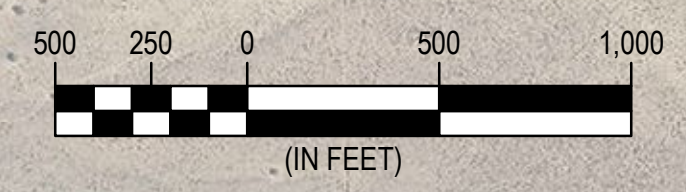
**Proposed Fire Flow Results**

**Available Fire Flow**

- 0 - 1200 GPM
- 1200 - 1500 GPM
- Above 1500 GPM

**Proposed Water Lines**

- Existing 2" Line
- Existing 4" Line
- Existing 6" Line
- Existing 8" Line
- Existing 10" Line
- Proposed 8" Line
- Proposed 10" Line
- Proposed 500,000 Tank



**MARYSVALE WATER MASTER PLAN**

**MARYSVALE, UTAH**

NO.	DATE	REVISION	BY
1			
2			
3			
4			
5			
6			
7			
8			

**PROPOSED FIRE FLOW DEMAND**

PROJECT NUMBER: 11338      PRINT DATE: 8/2/2022  
 DRAWN BY: D. SCHAUGAARD      CHECKED BY: K. MARCHANT  
 PROJECT MANAGER: K. CRANE

**EX-405**