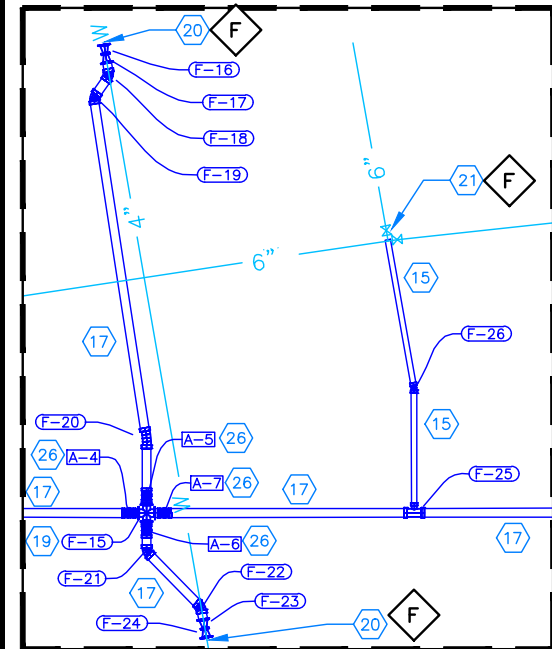
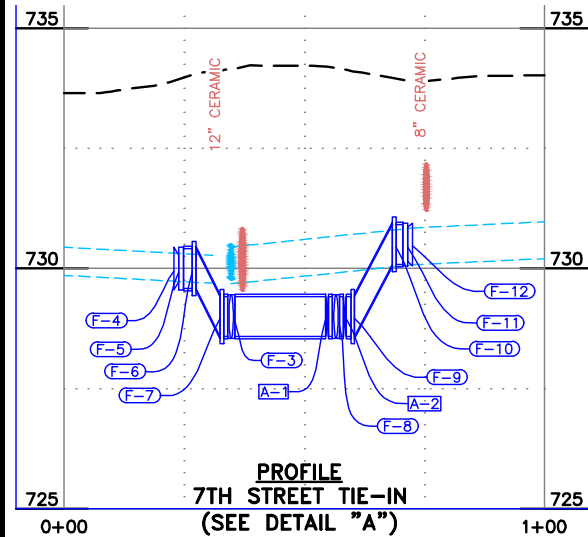


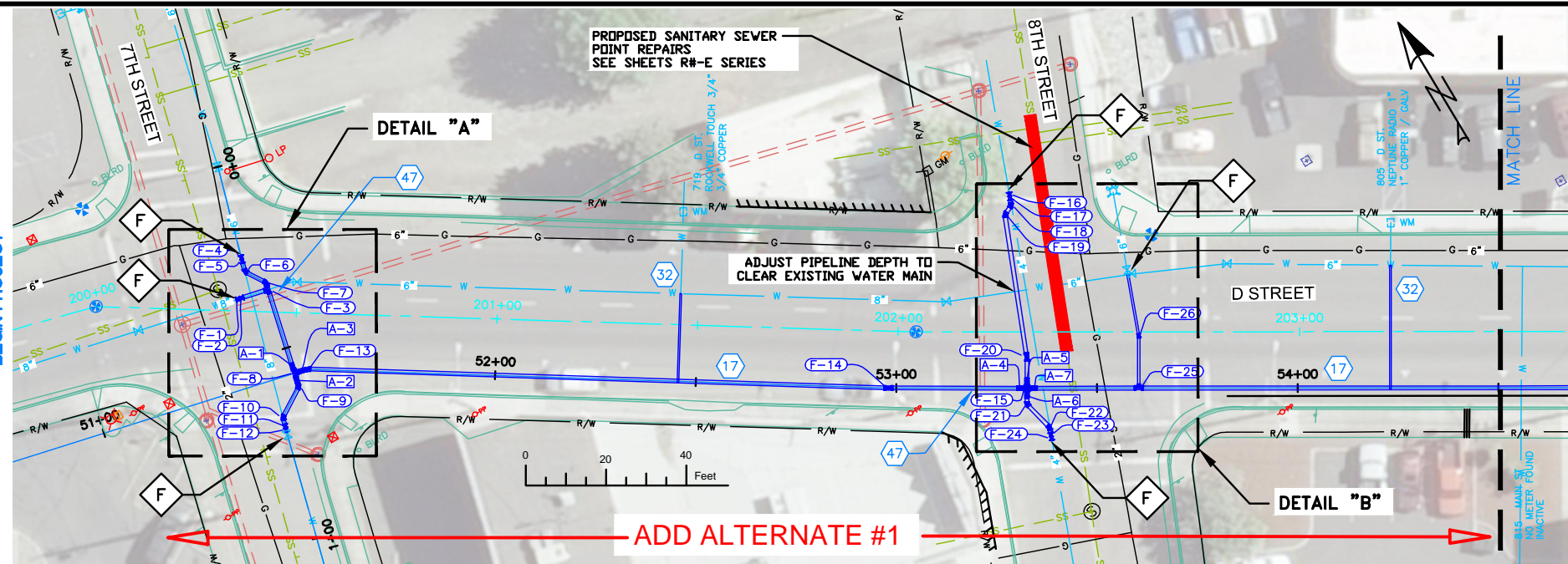
**DETAIL "A"**  
SCALE 1" = 20'



**DETAIL "B"**  
SCALE 1" = 20'

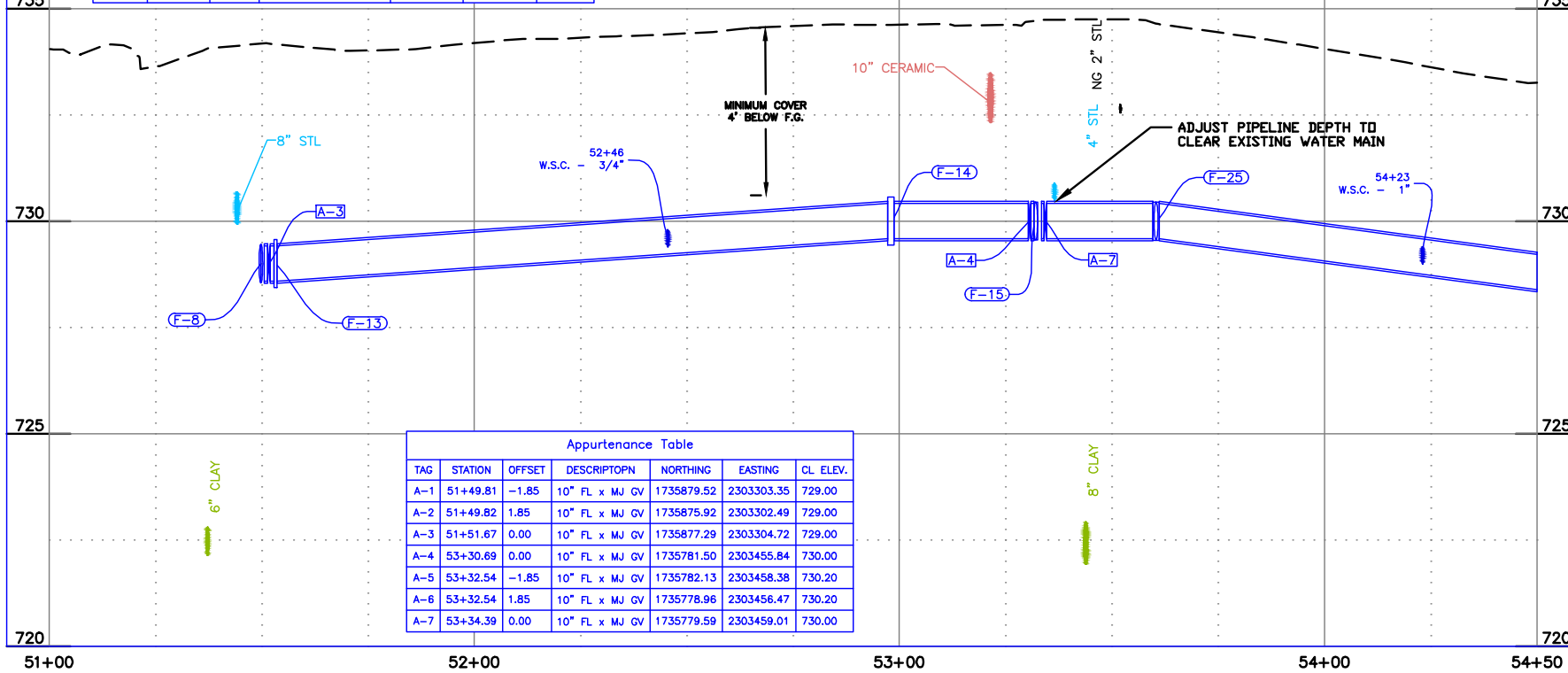


**PROFILE**  
7TH STREET TIE-IN  
(SEE DETAIL "A")



Fitting Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-1	51+41.89	-21.83	8" MJ COUPLER	1735900.80	2303300.32	730.00
F-2	51+42.89	-21.83	10" x 8" MJ REDUCER	1735900.57	2303301.30	730.00
F-3	51+49.79	-21.84	10" MJ TEE	1735898.96	2303308.01	729.00
F-4	51+45.84	-31.53	6" MJ COUPLER	1735909.31	2303306.43	730.00
F-5	51+45.78	-30.53	10" x 6" MJ REDUCER	1735908.35	2303306.14	730.00
F-6	51+45.64	-27.81	10" MJ 45 ELL	1735905.74	2303305.37	730.00
F-7	51+49.79	-23.73	10" MJ 45 ELL	1735900.80	2303308.45	729.00
F-8	51+49.82	0.00	10" FL TEE	1735877.72	2303302.93	729.00
F-9	51+49.82	3.49	10" MJ 45 ELL	1735874.32	2303302.11	729.00
F-10	51+43.73	9.62	10" MJ 45 ELL	1735869.79	2303294.76	730.50
F-11	51+43.62	11.85	10" x 8" MJ REDUCER	1735867.65	2303294.13	730.50
F-12	51+43.57	12.85	8" MJ COUPLER	1735866.69	2303293.84	730.50
F-13	51+53.26	0.00	10" MJ 22 ELL	1735876.92	2303306.28	729.00

Fitting Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-14	52+98.03	0.00	10" MJ 11 ELL	1735798.29	2303427.84	730.00
F-15	53+32.54	0.00	10" FL CROSS	1735780.55	2303457.43	730.00
F-16	53+28.21	-48.31	4" MJ SOLID SLEEVE	1735824.20	2303478.56	730.80
F-17	53+28.38	-47.33	10" x 4" REDUCER	1735823.27	2303478.20	730.80
F-18	53+28.68	-45.56	10" MJ 45 ELL	1735821.60	2303477.55	730.80
F-19	53+27.08	-43.28	10" MJ 45 ELL	1735820.47	2303475.01	730.50
F-20	53+32.54	-7.80	10" MJ 11 ELL	1735787.24	2303461.44	730.50
F-21	53+32.54	4.03	10" MJ 45 ELL	1735777.09	2303455.35	730.50
F-22	53+38.20	9.76	10" MJ 45 ELL	1735769.27	2303457.26	730.80
F-23	53+38.50	11.53	10" x 6" REDUCER	1735767.58	2303456.61	730.80
F-24	53+38.67	12.52	4" MJ SOLID SLEEVE	1735766.65	2303456.25	730.80
F-25	53+60.40	0.00	10" x 6" MJ x FL TEE	1735766.22	2303481.32	730.00
F-26	53+60.40	-13.01	6" MJ 11 ELL	1735777.37	2303488.01	730.28



Appurtenance Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
A-1	51+49.81	-1.85	10" FL x MJ GV	1735879.52	2303303.35	729.00
A-2	51+49.82	1.85	10" FL x MJ GV	1735875.92	2303302.49	729.00
A-3	51+51.67	0.00	10" FL x MJ GV	1735877.29	2303304.72	729.00
A-4	53+30.69	0.00	10" FL x MJ GV	1735781.50	2303455.84	730.00
A-5	53+32.54	-1.85	10" FL x MJ GV	1735782.13	2303458.38	730.20
A-6	53+32.54	1.85	10" FL x MJ GV	1735778.96	2303456.47	730.20
A-7	53+34.39	0.00	10" FL x MJ GV	1735779.59	2303459.01	730.00

**NOTES**

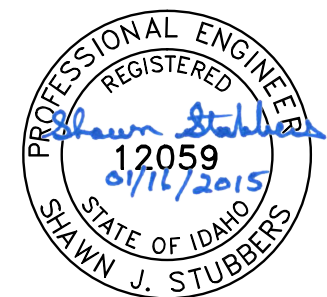
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

**SPECIAL NOTES**

- F Connect to existing main as directed by the engineer.

**PAY ITEMS**

- 15 Water Main Pipe - 6" DI Class 350, Item 401.4.1.A.1A
- 17 Water Main Pipe - 10" DI Class 350, Item 401.4.1.A.1C
- 19 Water Main Fitting - Size - Type (See Fitting Tables this sheet), Item SP 402.4.1.B.1
- 20 Connect to Existing Main - 4", Item 401.4.1.C.1A
- 21 Connect to Existing Main - 6", Item 401.4.1.C.1B
- 22 Connect to Existing Main - 8", Item 401.4.1.C.1C
- 26 Valve - Size 10", Item 402.4.1.A.1C
- 32 Water Service Connection, No Meter, Item SP 404B
- 47 Sewer Main Crossing, Item SP 507B



**BID DOCUMENTS**

NO.	DATE	FILENAME	DESCRIPTION	BY
REVISIONS				

SCALE  
HORIZONTAL  
1" = 40'  
VERTICAL  
1" = 4'

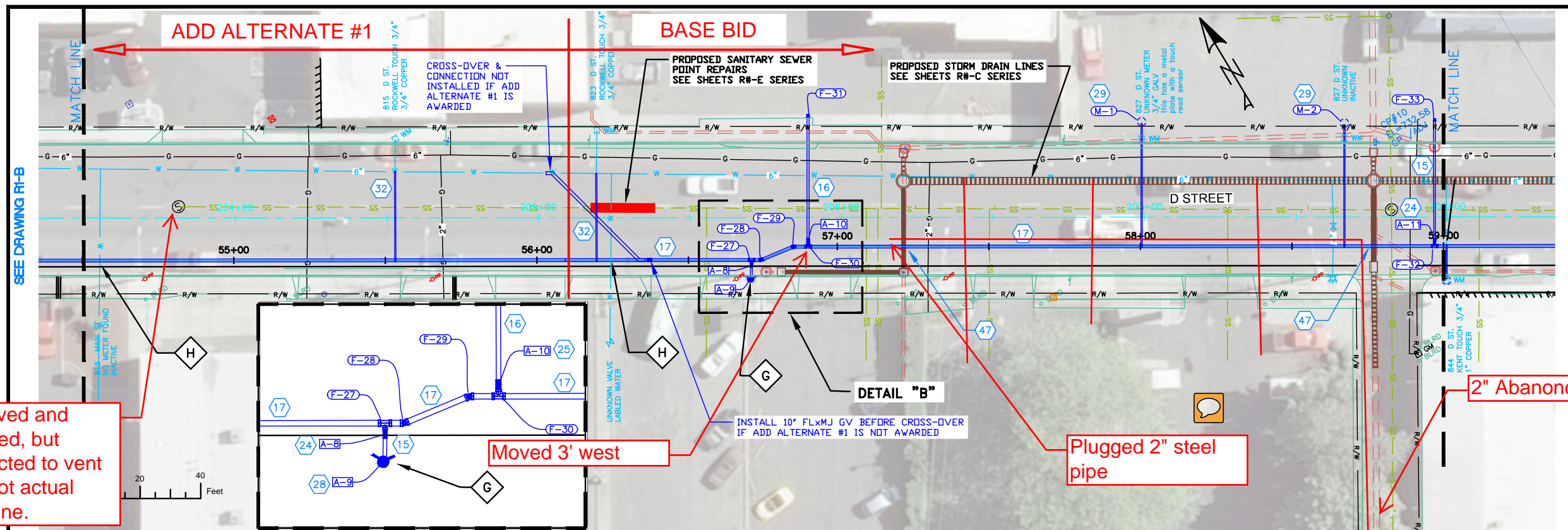
**WARNING**  
0 1/2 1  
THIS BAR MEASURES  
1/2" ON 11"x17" SHEET  
1" ON 22"x34" SHEET  
WHEN PLOTTED TO SCALE

**CITY OF LEWISTON**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES  
215 'D' STREET, LEWISTON, ID 83501  
208-746-1316  
FAX 208-746-5595

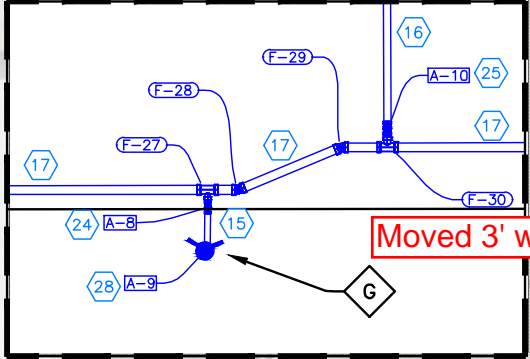


**DOWNTOWN INFRASTRUCTURE REPAIR  
AND REPLACEMENT PROJECT (IRRP-2015)**  
**WATER LINE PLAN & PROFILE**

DESIGNED BY: S. STUBBERS	DATE: 2014	PROJECT: IRRP-2015
DRAWN BY: B. STEWART	DATE: 2014	SHEET 15 OF 63
CHECKED BY: S. STUBBERS	DATE: JAN.15, 2015	DRAWING: R1-B



Removed and replaced, but connected to vent pipe not actual main line.



DETAIL "B"  
SCALE 1" = 20'

**NOTES**

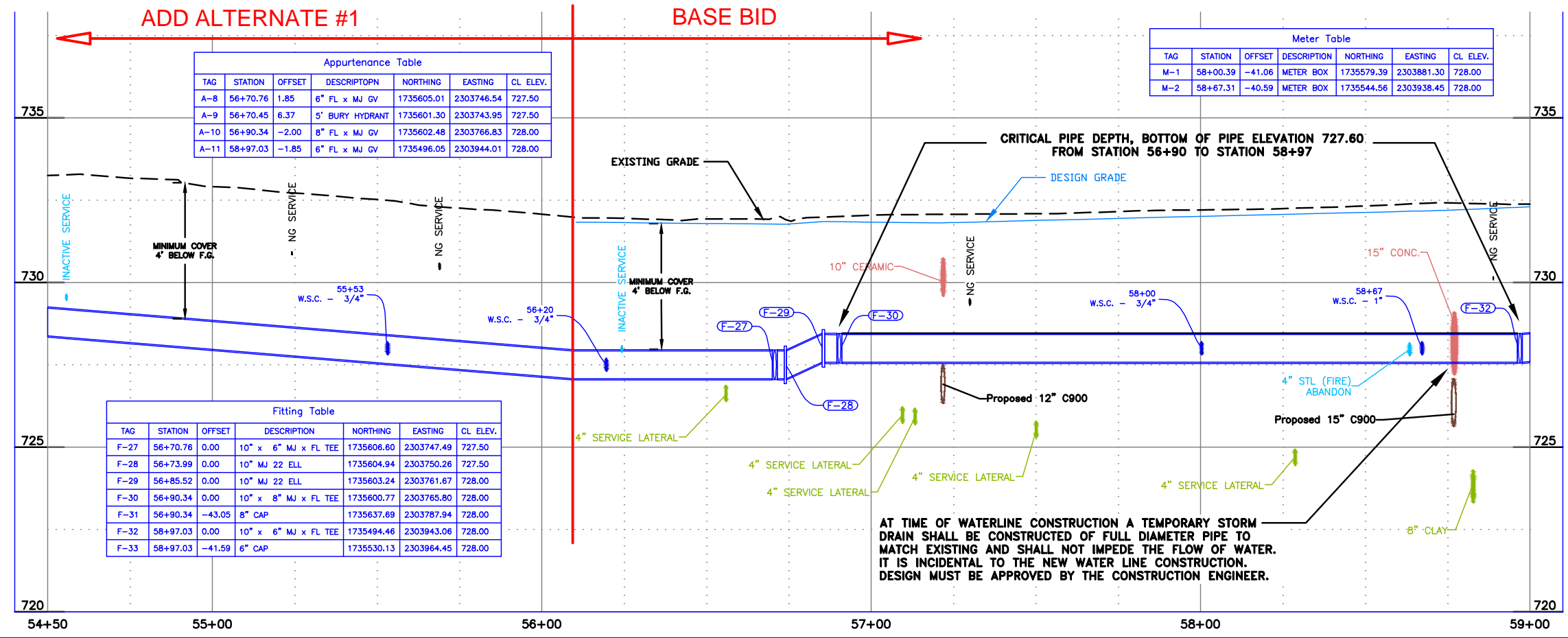
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

**SPECIAL NOTES**

- F Connect to existing main as directed by the engineer.
- G Install Hydrant as directed by project engineer.
- H Abandon inactive service line in place.

**PAY ITEMS**

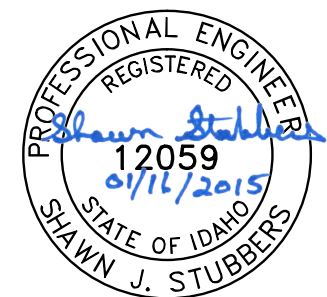
- 15 Water Main Pipe - 6" DI Class 350, Item 401.4.1.A.1A
- 16 Water Main Pipe - 8" DI Class 350, Item 401.4.1.A.1B
- 17 Water Main Pipe - 10" DI Class 350, Item 401.4.1.A.1C
- 19 Water Main Fitting - Size - Type (See Fitting Table this sheet), Item SP 402.4.1.B.1
- 24 Valve - Size 6", Item 402.4.1.A.1A
- 25 Valve - Size 8", Item 402.4.1.A.1B
- 28 Hydrant, Item 403.4.1.A.1
- 29 Water Service Connection (See Meter Table this sheet), Size \_\_\_\_, Item 404.4.1.A.1A
- 32 Water Service Connection, No Meter, Item SP 404B
- 47 Sewer Main Crossing, Item SP 507B



Appurtenance Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
A-8	56+70.76	1.85	6" FL x MJ GV	1735605.01	2303746.54	727.50
A-9	56+70.45	6.37	5' BURY HYDRANT	1735601.30	2303743.95	727.50
A-10	56+90.34	-2.00	8" FL x MJ GV	1735602.48	2303766.83	728.00
A-11	58+97.03	-1.85	6" FL x MJ GV	1735496.05	2303944.01	728.00

Meter Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
M-1	58+00.39	-41.06	METER BOX	1735579.39	2303881.30	728.00
M-2	58+67.31	-40.59	METER BOX	1735544.56	2303938.45	728.00

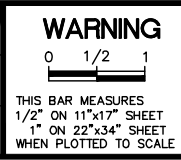
Fitting Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-27	56+70.76	0.00	10" x 6" MJ x FL TEE	1735606.80	2303747.49	727.50
F-28	56+73.99	0.00	10" MJ 22 ELL	1735604.94	2303750.26	727.50
F-29	56+85.52	0.00	10" MJ 22 ELL	1735603.24	2303761.67	728.00
F-30	56+90.34	0.00	10" x 8" MJ x FL TEE	1735600.77	2303765.80	728.00
F-31	56+90.34	-43.05	8" CAP	1735637.69	2303787.94	728.00
F-32	58+97.03	0.00	10" x 6" MJ x FL TEE	1735494.46	2303943.06	728.00
F-33	58+97.03	-41.59	6" CAP	1735530.13	2303964.45	728.00



BID DOCUMENTS

1	11/16/15	As-builts	GMF
NO.	DATE	FILENAME	DESCRIPTION
REVISIONS			

SCALE  
HORIZONTAL  
1" = 40'  
VERTICAL  
1" = 4'

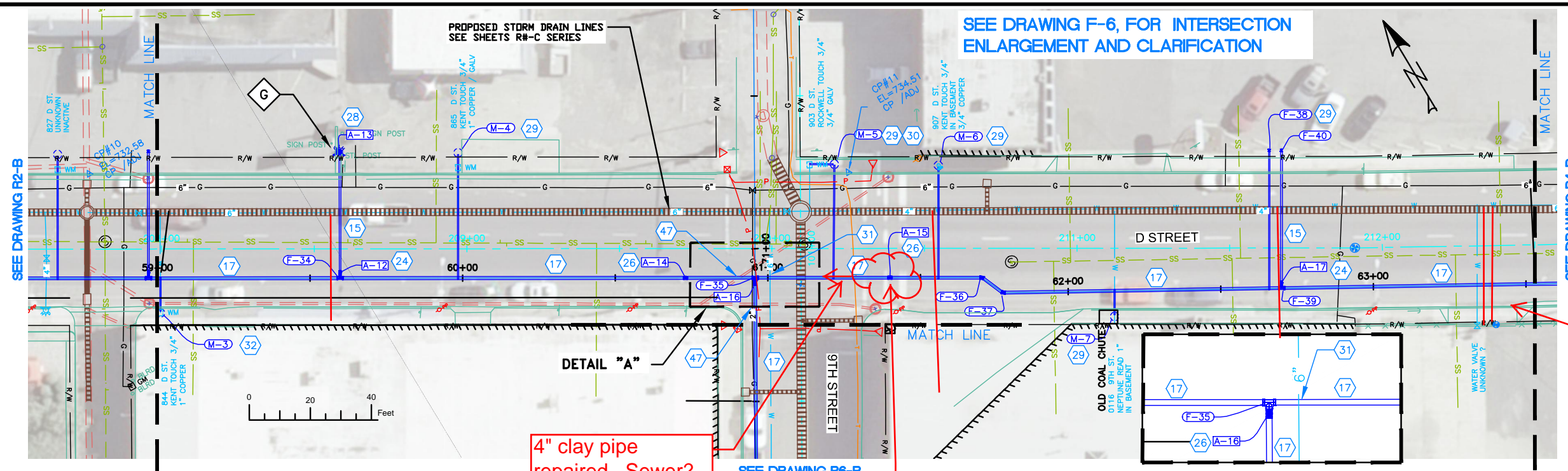


CITY OF LEWISTON  
PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES  
215 'D' STREET, LEWISTON, ID 83501  
208-746-1316  
FAX 208-746-5595



DOWNTOWN INFRASTRUCTURE REPAIR  
AND REPLACEMENT PROJECT (IRRP-2015)  
WATER LINE PLAN & PROFILE

DESIGNED BY: S. STUBBERS	DATE: 2014	PROJECT: IRRP-2015
DRAWN BY: B. STEWART	DATE: 2014	SHEET 19 OF 63
CHECKED BY: S. STUBBERS	DATE: JAN.15, 2015	DRAWING: R2-B



SEE DRAWING F-6, FOR INTERSECTION ENLARGEMENT AND CLARIFICATION

**NOTES**

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

**SPECIAL NOTES**

G Install Hydrant as directed by the engineer.

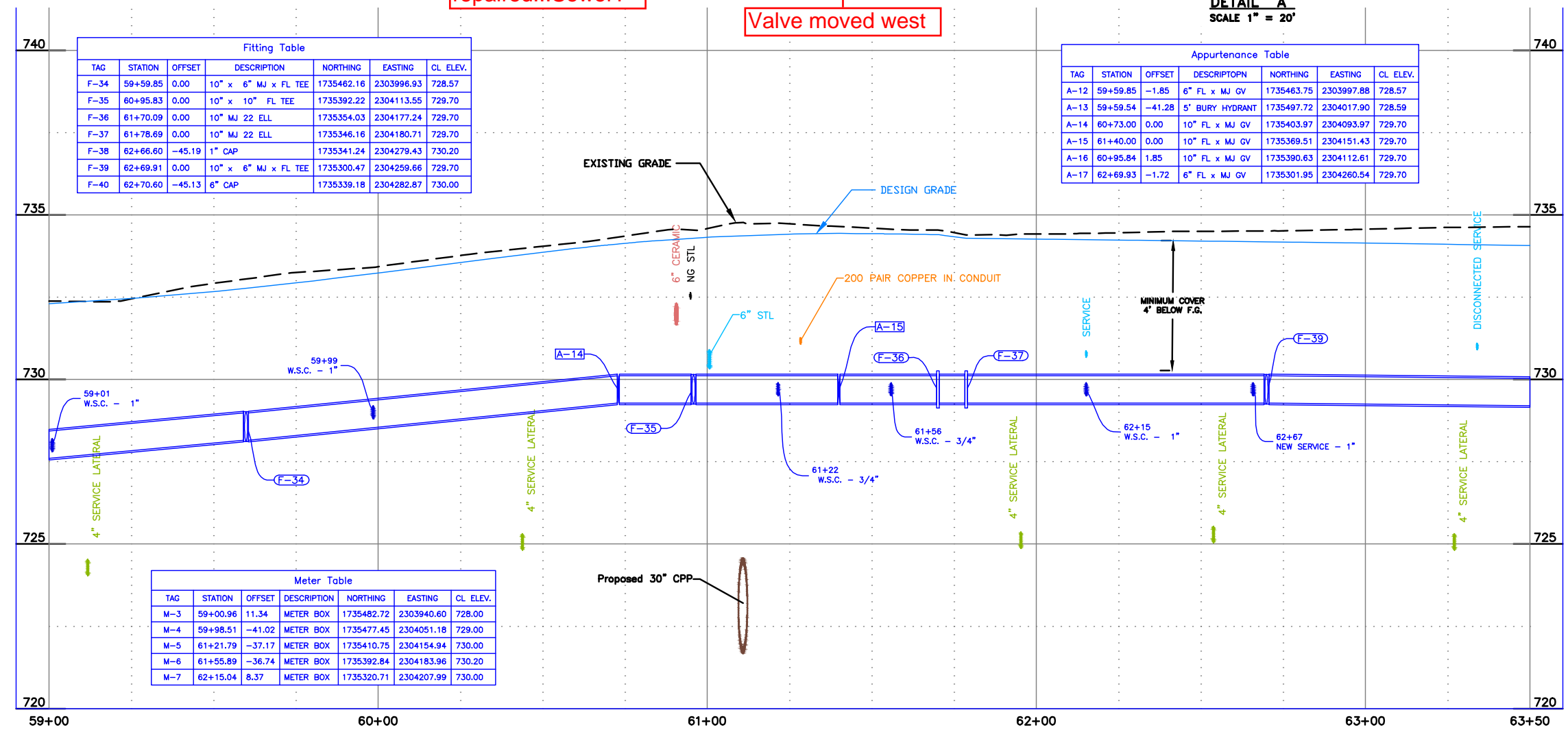
2-2" Steel Pipes

**PAY ITEMS**

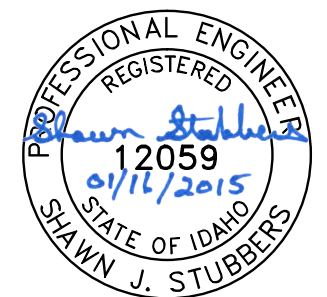
- 15 Water Main Pipe - 6" DI Class 350, Item 401.4.1.A.1A
- 17 Water Main Pipe - 10" DI Class 350, Item 401.4.1.A.1C
- 19 Water Main Fitting - Size - Type (See Fitting Table this sheet), Item SP 402.4.1.B.1
- 24 Valve - Size 6", Item 402.4.1.A.1A
- 26 Valve - Size 10", Item 402.4.1.A.1C
- 28 Hydrant, Item 403.4.1.A.1
- 29 Water Service Connection (See Meter Table this sheet), Size \_\_", Item 404.4.1.A.1A
- 30 Temporary Water Service Connection, Size \_\_", Item 404.4.1.A.1B
- 31 Potable Water Main Crossing, Item SP 404A
- 32 Water Service Connection, No Meter, Item SP 404B
- 47 Sewer Main Crossing, Item SP 507B

TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-34	59+59.85	0.00	10" x 6" MJ x FL TEE	1735462.16	2303996.93	728.57
F-35	60+95.83	0.00	10" x 10" FL TEE	1735392.22	2304113.55	729.70
F-36	61+70.09	0.00	10" MJ 22 ELL	1735354.03	2304177.24	729.70
F-37	61+78.69	0.00	10" MJ 22 ELL	1735346.16	2304180.71	729.70
F-38	62+66.60	-45.19	1" CAP	1735341.24	2304279.43	730.20
F-39	62+69.91	0.00	10" x 6" MJ x FL TEE	1735300.47	2304259.66	729.70
F-40	62+70.60	-45.13	6" CAP	1735339.18	2304282.87	730.00

TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
A-12	59+59.85	-1.85	6" FL x MJ GV	1735463.75	2303997.88	728.57
A-13	59+59.54	-41.28	5' BURY HYDRANT	1735497.72	2304017.90	728.59
A-14	60+73.00	0.00	10" FL x MJ GV	1735403.97	2304093.97	729.70
A-15	61+40.00	0.00	10" FL x MJ GV	1735369.51	2304151.43	729.70
A-16	60+95.84	1.85	10" FL x MJ GV	1735390.63	2304112.61	729.70
A-17	62+69.93	-1.72	6" FL x MJ GV	1735301.95	2304260.54	729.70



TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
M-3	59+00.96	11.34	METER BOX	1735482.72	2303940.60	728.00
M-4	59+98.51	-41.02	METER BOX	1735477.45	2304051.18	729.00
M-5	61+21.79	-37.17	METER BOX	1735410.75	2304154.94	730.00
M-6	61+55.89	-36.74	METER BOX	1735392.84	2304183.96	730.20
M-7	62+15.04	8.37	METER BOX	1735320.71	2304207.99	730.00



BID DOCUMENTS

NO.	DATE	FILENAME	DESCRIPTION	BY
1	11/16/15	As-builts	GMF	

SCALE  
HORIZONTAL  
1" = 40'  
VERTICAL  
1" = 4'

**WARNING**  
0 1/2 1  
THIS BAR MEASURES  
1/2" ON 11"x17" SHEET  
1" ON 22"x34" SHEET  
WHEN PLOTTED TO SCALE

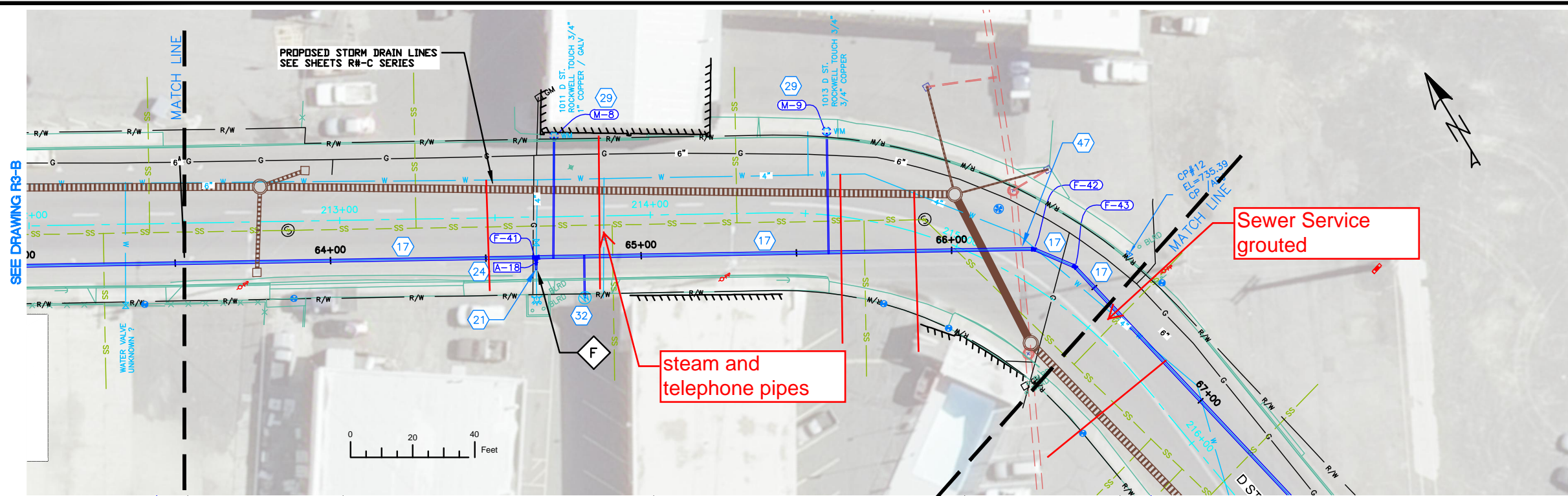
CITY OF LEWISTON  
PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES  
215 'D' STREET, LEWISTON, ID 83501  
208-746-1316  
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECT (IRRP-2015)**

**WATER LINE PLAN & PROFILE**

DESIGNED BY:	DATE:	PROJECT:
S. STUBBERS	2014	IRRP-2015
DRAWN BY:	DATE:	SHEET
B. STEWART	2014	25 OF 63
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	JAN.15, 2015	R3-B



**NOTES**

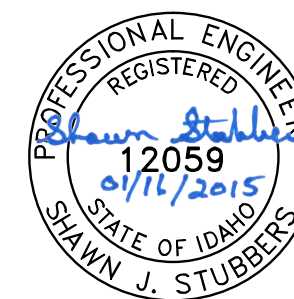
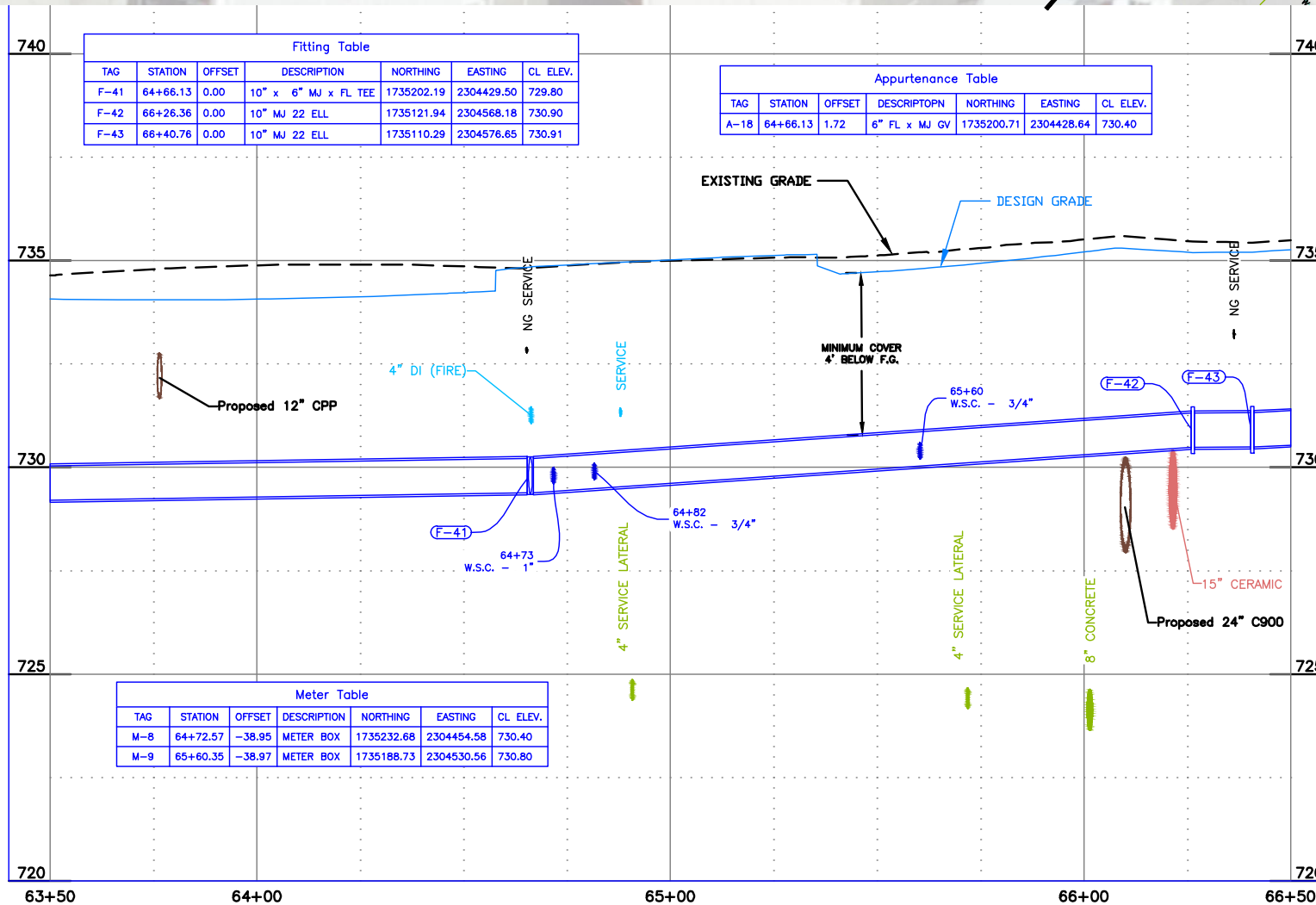
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

**SPECIAL NOTES**

- F Connect to existing main as directed by the engineer.

**PAY ITEMS**

- 15 Water Main Pipe - 6" DI Class 350, Item 401.4.1.A.1A
- 17 Water Main Pipe - 10" DI Class 350, Item 401.4.1.A.1C
- 19 Water Main Fitting - Size - Type (See Fitting Table this sheet), Item SP 402.4.1.B.1
- 21 Connect to Existing Main - 6", Item 401.4.1.C.1A
- 24 Valve - Size 6", Item 402.4.1.A.1A
- 29 Water Service Connection (See Meter Table this sheet), Size \_\_\_\_, Item 404.4.1.A.1A
- 31 Potable Water Main Crossing, Item SP 404A
- 32 Water Service Connection, No Meter, Item SP 404B
- 47 Sewer Main Crossing, Item SP 507B



BID DOCUMENTS

1	11/16/15	As-builts	GMF
NO.	DATE	FILENAME	DESCRIPTION
REVISIONS			

SCALE  
HORIZONTAL  
1" = 40'  
VERTICAL  
1" = 4'

**WARNING**  
0 1/2 1  
THIS BAR MEASURES  
1/2" ON 11"x17" SHEET  
1" ON 22"x34" SHEET  
WHEN PLOTTED TO SCALE

**CITY OF LEWISTON**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES  
215 'D' STREET, LEWISTON, ID 83501  
208-746-1316  
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR  
AND REPLACEMENT PROJECT (IRRP-2015)**  
**WATER LINE PLAN & PROFILE**

DESIGNED BY: S. STUBBERS	DATE: 2014	PROJECT: IRRP-2015
DRAWN BY: B. STEWART	DATE: 2014	SHEET 31 OF 63
CHECKED BY: S. STUBBERS	DATE: JAN.15, 2015	DRAWING: R4-B

**NOTES**

1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

**SPECIAL NOTES**

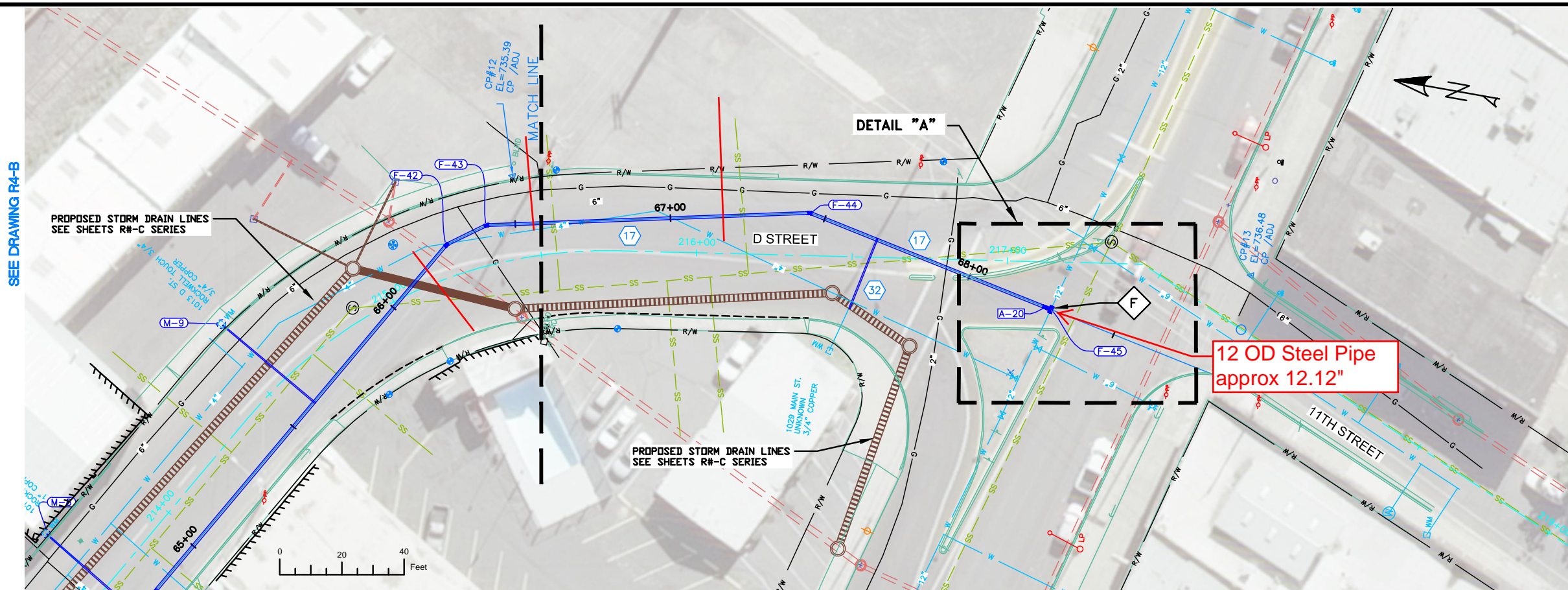
- F Connect to existing main as directed by the engineer. Contractor to supply and install Tapping Saddle. City Staff to perform actual tapping of pipe.

**PAY ITEMS**

- 17 Water Main Pipe - 10" DI Class 350, Item 401.4.1.A.1C
- 18 Water Main Pipe - 12" DI Class 350, Item 401.4.1.A.1D
- 19 Water Main Fitting - Size - Type (See Fitting Table this sheet), Item SP 402.4.1.B.1
- 23 Connect to Existing Main - 12", Item 401.4.1.C.1D
- 26 Valve - Size 10", Item 402.4.1.A.1C
- 32 Water Service Connection, No Meter, Item SP 404B

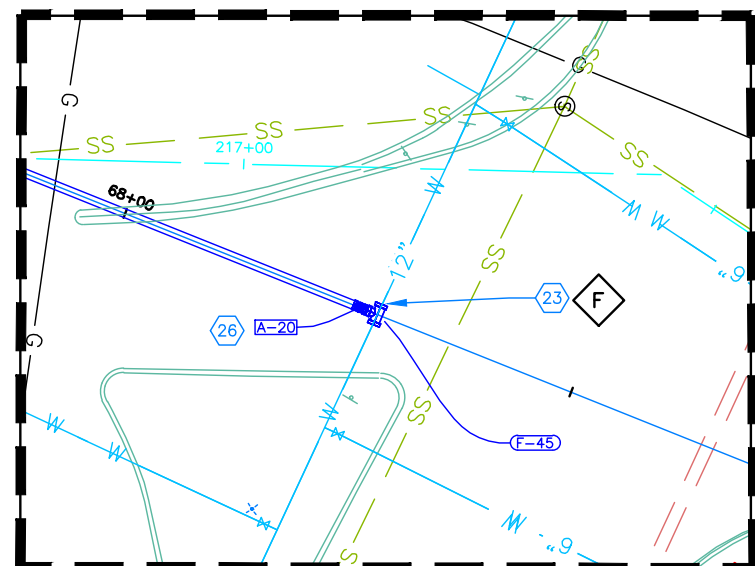
SEE DRAWING R4-B

END PROJECT

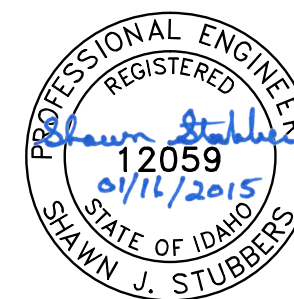
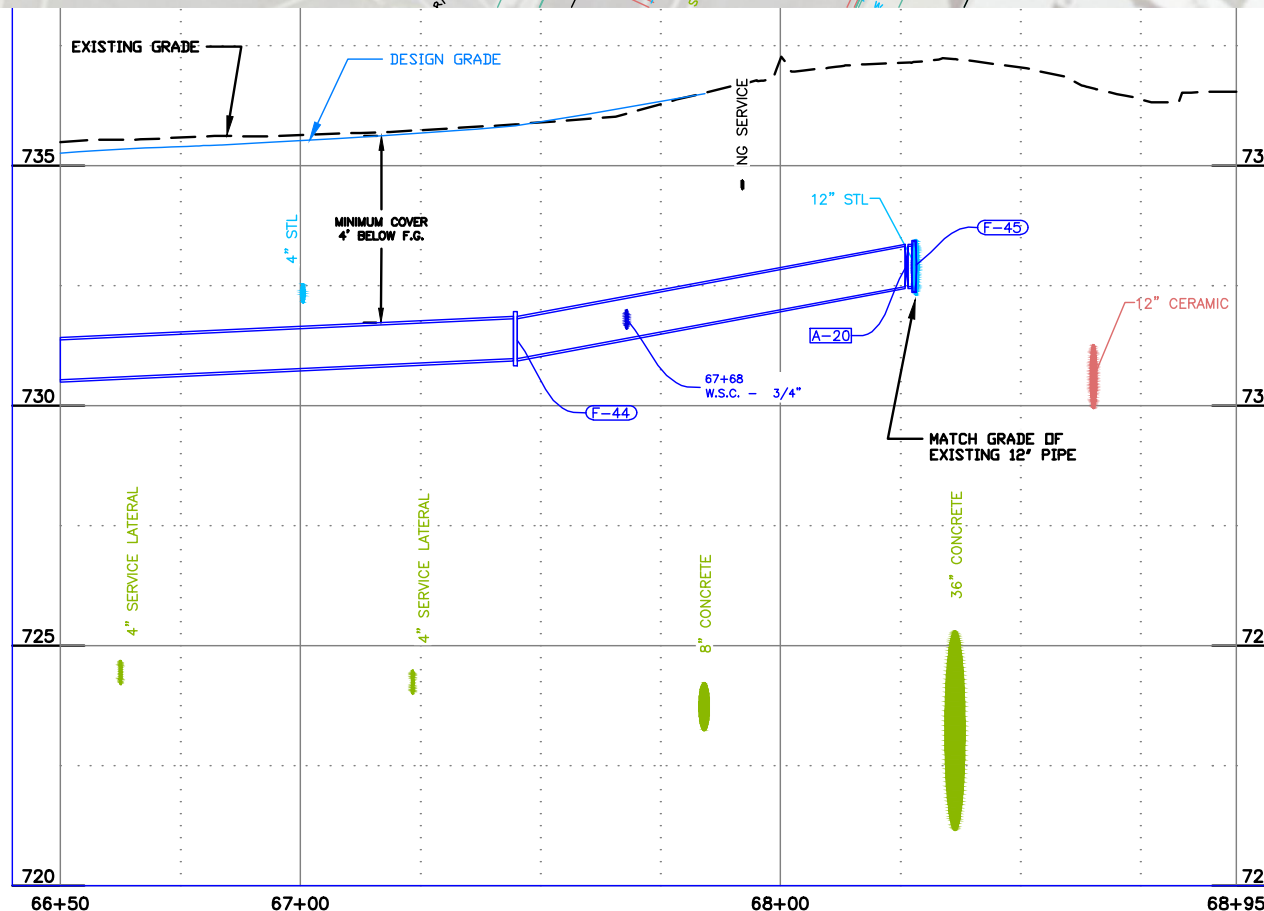


TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-44	67+44.80	0.00	10" MJ 22 ELL	1735008.59	2304598.58	731.40
F-45	68+28.30	0.00	12" x 10" TAPPING SADDLE	1734926.87	2304581.47	732.90

TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
A-20	68+26.30	0.00	10" FL x MJ GV	1734928.83	2304581.88	732.90



**DETAIL "A"**  
SCALE 1" = 20'



**BID DOCUMENTS**

NO.	DATE	FILENAME	DESCRIPTION	BY
1	11/16/15	As-builts	GMF	

SCALE  
HORIZONTAL  
1" = 40'  
VERTICAL  
1" = 4'

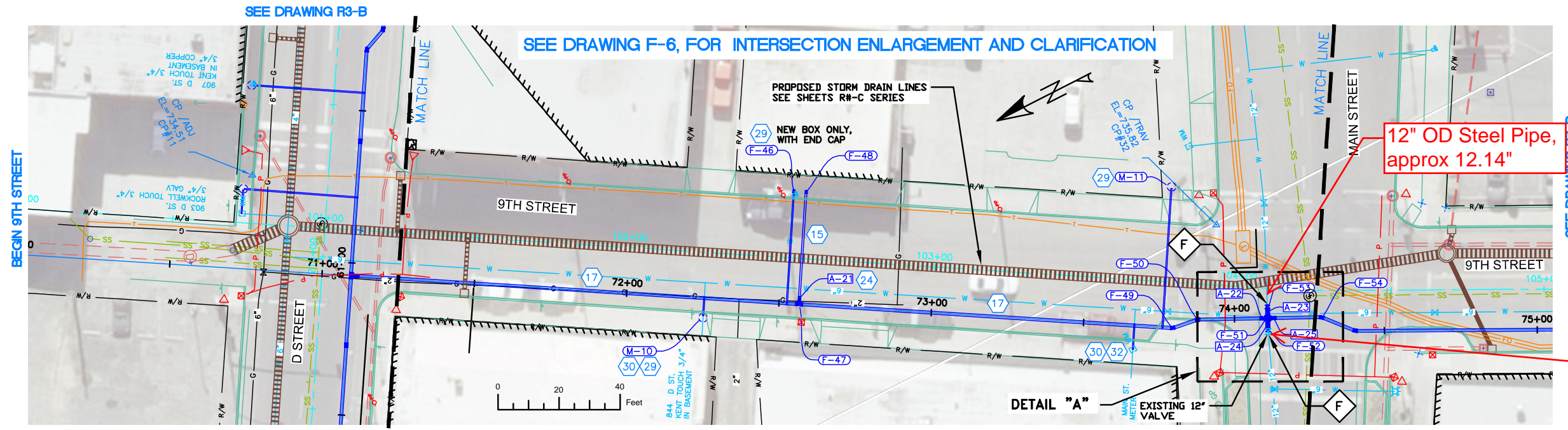
**WARNING**  
0 1/2 1  
THIS BAR MEASURES  
1/2" ON 11"x17" SHEET  
1" ON 22"x34" SHEET  
WHEN PLOTTED TO SCALE

**CITY OF LEWISTON**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES  
215 'D' STREET, LEWISTON, ID 83501  
208-746-1316  
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR  
AND REPLACEMENT PROJECT (IRRP-2015)**  
**WATER LINE PLAN & PROFILE**

DESIGNED BY:	DATE:	PROJECT:
S. STUBBERS	2014	IRRP-2015
DRAWN BY:	DATE:	SHEET
B. STEWART	2014	36 OF 63
CHECKED BY:	DATE:	DRAWING:
S. STUBBERS	JAN.15, 2015	R5-B



**NOTES**

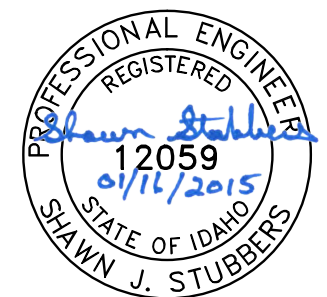
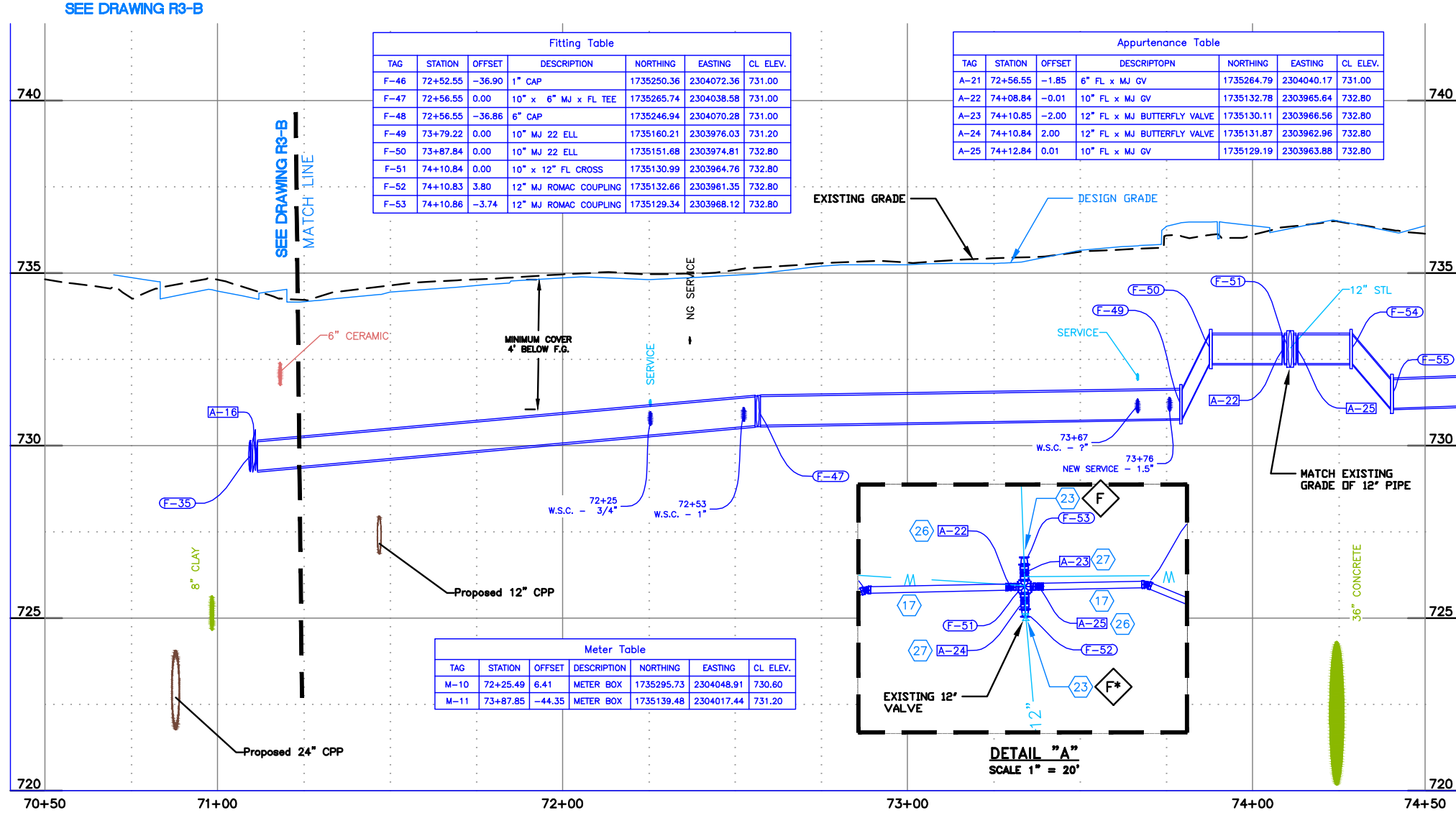
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

**SPECIAL NOTES**

- F Connect to existing main as directed by the engineer.
- F\* Connect to existing main as directed by the engineer. Hold the new cross, valves and piping as close as practical to the existing 12" valve.

**PAY ITEMS**

- 15 Water Main Pipe - 6" DI Class 350, Item 401.4.1.A.1A
- 17 Water Main Pipe - 10" DI Class 350, Item 401.4.1.A.1C
- 18 Water Main Pipe - 12" DI Class 350, Item 401.4.1.A.1D
- 19 Water Main Fitting - Size - Type (See Fitting Table this sheet), Item SP 402.4.1.B.1
- 23 Connect to Existing Main - 12", Item 401.4.1.C.1D
- 24 Valve - Size 6", Item 402.4.1.A.1A
- 26 Valve - Size 10", Item 402.4.1.A.1C
- 27 Valve - Size 12", Item 402.4.1.A.1D
- 29 Water Service Connection (See Meter Table this sheet), Size \_\_\_\_, Item 404.4.1.A.1A
- 30 Temporary Water Service Connection, Size \_\_\_\_, Item 404.4.1.A.1B
- 32 Water Service Connection, No Meter, Item SP 404B



**BID DOCUMENTS**

1	11/16/15	As-builts	GMF
NO.	DATE	FILENAME	DESCRIPTION
REVISIONS			

SCALE  
HORIZONTAL  
1" = 40'  
VERTICAL  
1" = 4'

**WARNING**  
0 1/2 1  
THIS BAR MEASURES  
1/2" ON 11"x17" SHEET  
1" ON 22"x34" SHEET  
WHEN PLOTTED TO SCALE

**CITY OF LEWISTON**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING SERVICES  
215 'D' STREET, LEWISTON, ID 83501  
208-746-1316  
FAX 208-746-5595



**DOWNTOWN INFRASTRUCTURE REPAIR  
AND REPLACEMENT PROJECT (IRRP-2015)**  
**WATER LINE PLAN & PROFILE**

DESIGNED BY: S. STUBBERS	DATE: 2014	PROJECT: IRRP-2015
DRAWN BY: B. STEWART	DATE: 2014	SHEET 40 OF 63
CHECKED BY: S. STUBBERS	DATE: JAN.15, 2015	DRAWING: R6-B

Both lines abandoned

Removed and replaced

2" Copper

Encased in Concrete, significant amount approx 2-3 yds

6" GV not installed

Wtr Line routed over 48" CMP Conduit. 4-45s and service saddle for air bleed

SEE DRAWING F-6, FOR INTERSECTION ENLARGEMENT AND CLARIFICATION

PROPOSED STORM DRAIN LINES SEE SHEETS R#-C SERIES

DETAIL "A"

NOTES

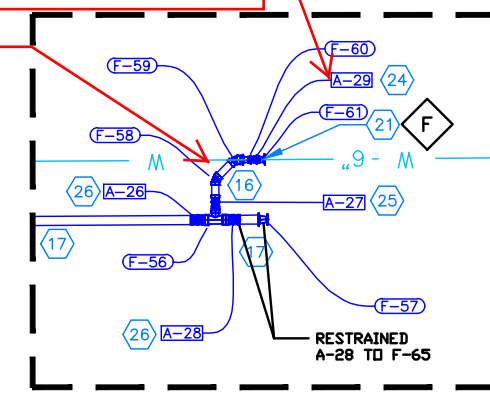
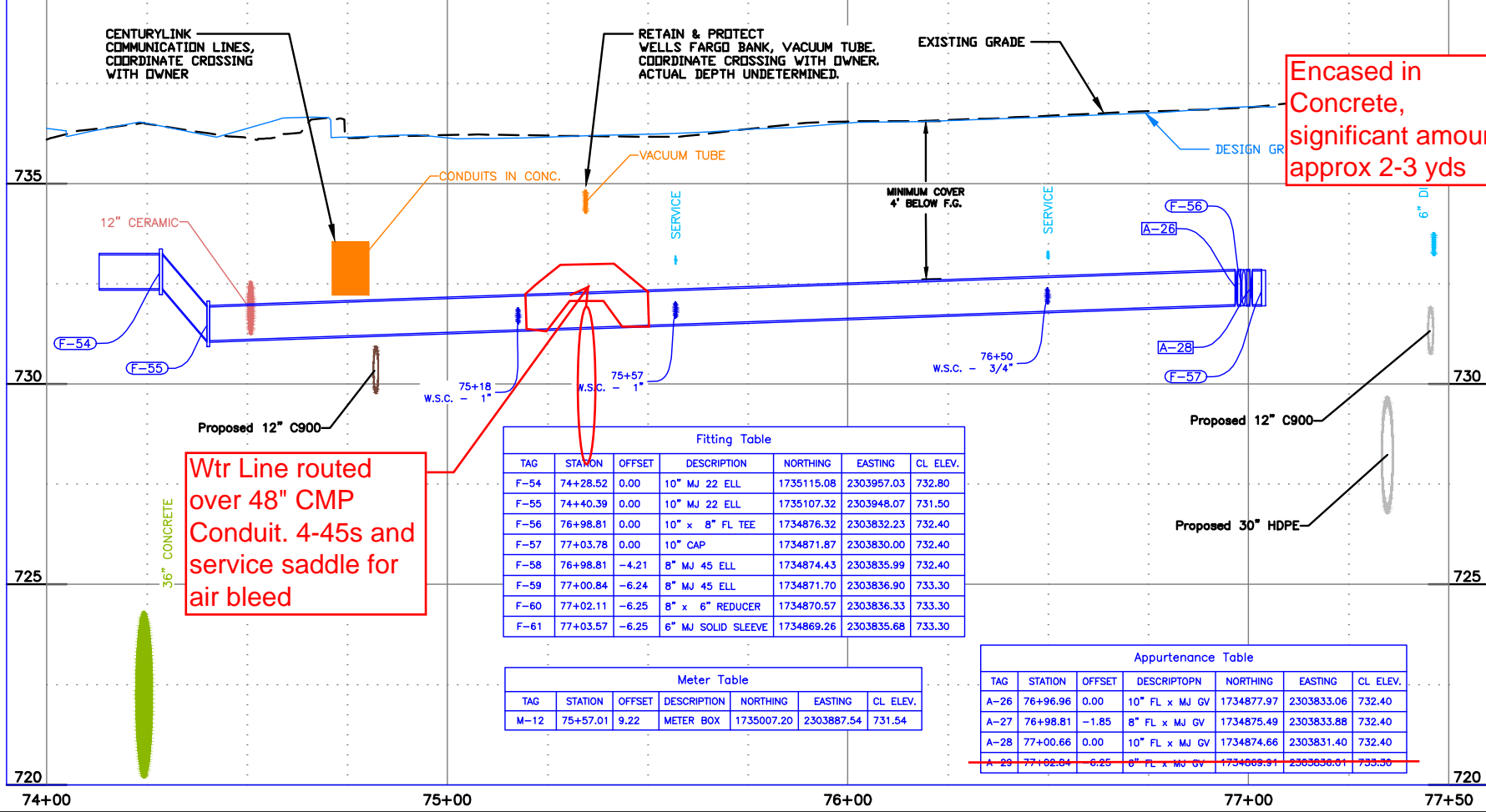
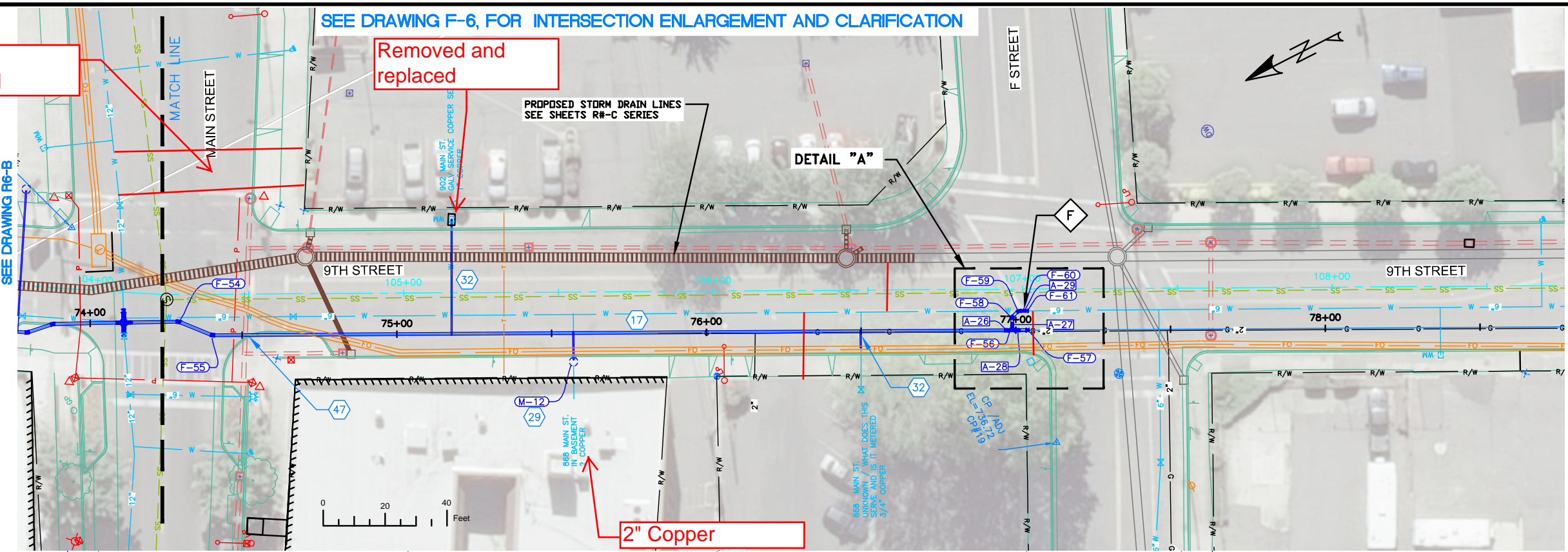
1. REFERENCE APPROPRIATE SHEETS R#-A THRU R#-F FOR WORK TYPE AND BID ITEMS.
2. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
3. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

F Connect to existing main as directed by the engineer.

PAY ITEMS

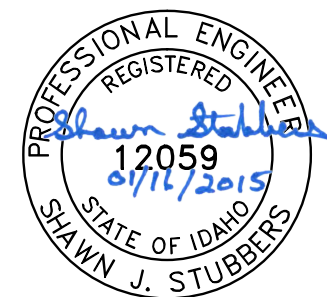
- 16 Water Main Pipe - 8" DI Class 350, Item 401.4.1.A.1B
- 17 Water Main Pipe - 10" DI Class 350, Item 401.4.1.A.1C
- 19 Water Main Fitting - Size - Type (See Fitting Table this sheet), Item SP 402.4.1.B.1
- 21 Connect to Existing Main - 6", Item 401.4.1.C.1A
- 24 Valve - Size 6", Item 402.4.1.A.1A
- 25 Valve - Size 8", Item 402.4.1.A.1B
- 26 Valve - Size 10", Item 402.4.1.A.1C
- 29 Water Service Connection (See Meter Table this sheet), Size \_\_\_\_, Item 404.4.1.A.1A
- 30 Temporary Water Service Connection, Size \_\_\_\_, Item 404.4.1.A.1B
- 32 Water Service Connection, No Meter, Item SP 404B
- 47 Sewer Main Crossing, Item SP 507B



Fitting Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-54	74+28.52	0.00	10" MJ 22 ELL	1735115.08	2303957.03	732.80
F-55	74+40.39	0.00	10" MJ 22 ELL	1735107.32	2303948.07	731.50
F-56	76+98.81	0.00	10" x 8" FL TEE	1734876.32	2303832.23	732.40
F-57	77+03.78	0.00	10" CAP	1734871.87	2303830.00	732.40
F-58	76+98.81	-4.21	8" MJ 45 ELL	1734874.43	2303835.99	732.40
F-59	77+00.84	-6.24	8" MJ 45 ELL	1734871.70	2303836.90	733.30
F-60	77+02.11	-6.25	8" x 6" REDUCER	1734870.57	2303836.33	733.30
F-61	77+03.57	-6.25	6" MJ SOLID SLEEVE	1734869.26	2303835.68	733.30

Meter Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
M-12	75+57.01	9.22	METER BOX	1735007.20	2303887.54	731.54

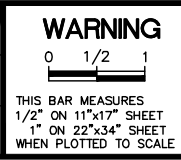
Appurtenance Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
A-26	76+96.96	0.00	10" FL x MJ GV	1734877.97	2303833.06	732.40
A-27	76+98.81	-1.85	8" FL x MJ GV	1734875.49	2303833.88	732.40
A-28	77+00.66	0.00	10" FL x MJ GV	1734874.66	2303831.40	732.40
<del>A-29</del>	<del>77+02.04</del>	<del>0.25</del>	<del>6" FL x MJ GV</del>	<del>1734869.93</del>	<del>2303836.61</del>	<del>733.30</del>



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DOWNTOWN INFRASTRUCTURE REPAIR  
AND REPLACEMENT PROJECT (IRRP-2015)  
WATER LINE PLAN & PROFILE

DESIGNED BY: S. STUBBERS	DATE: 2014	PROJECT: IRRP-2015
DRAWN BY: B. STEWART	DATE: 2014	SHEET 45 OF 63
CHECKED BY: S. STUBBERS	DATE: JAN.15, 2015	DRAWING: R7-B