

CONSTRUCTION DRAWINGS

TD-3: HIGH SERVICE LEVEL DISTRIBUTION MAIN REPLACEMENT (PHASE I)

SE1/4, SECTION 36, T.36N., R.6W., B.M.
CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO

SHEET INDEX

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 - C-8 6TH AVENUE TIE-IN DETAIL

SURVEY CONTROL

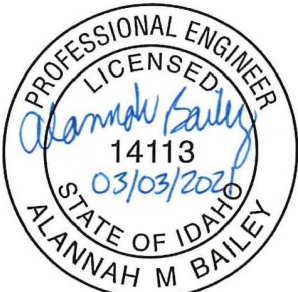
1. City of Lewiston Survey Control Network 2006, Reference the Record of Survey filed under Instrument Number 738222 of Nez Perce County records for Control Point locations and information.

AGENCY TELEPHONE NUMBERS

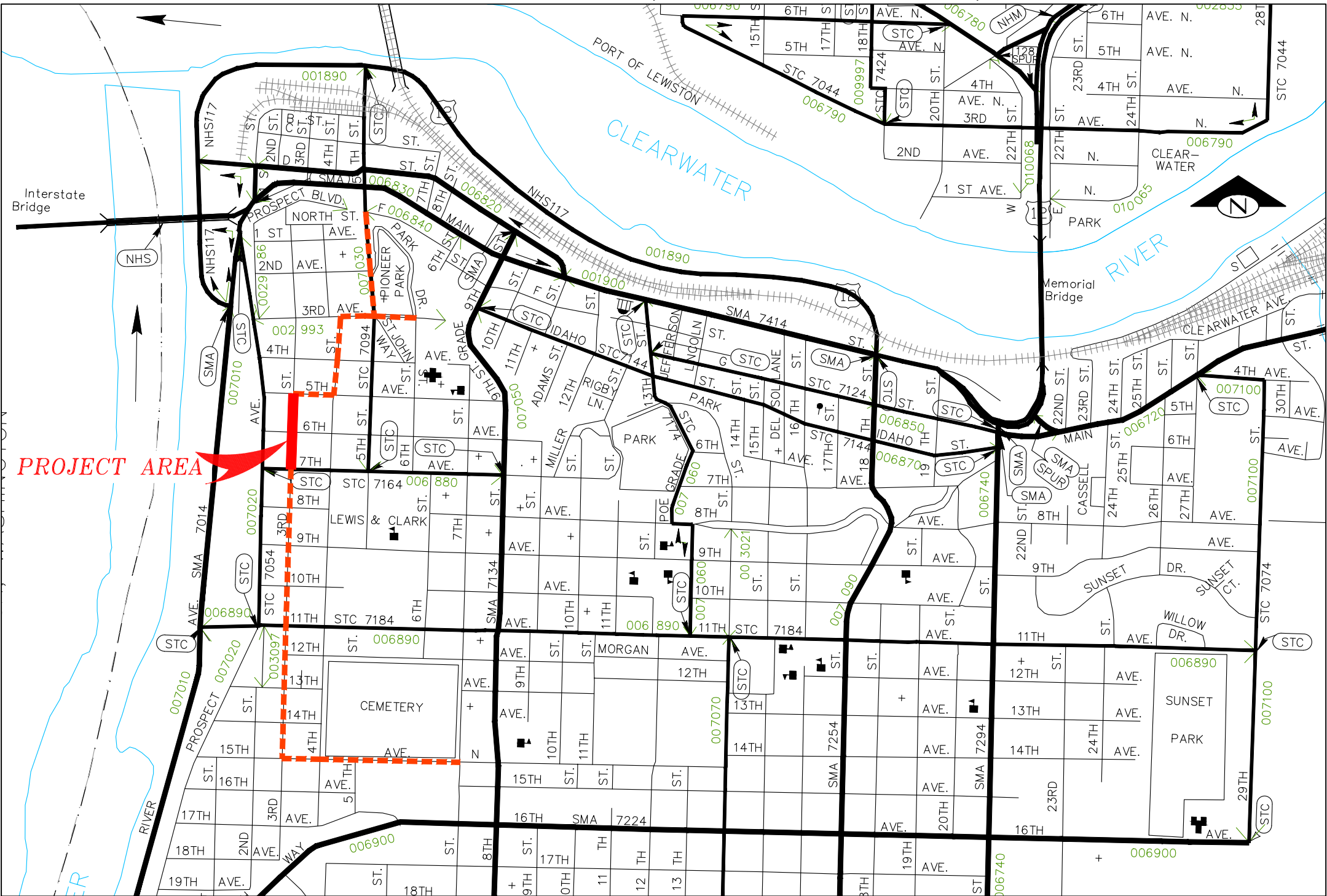
PUBLIC WORKS DEPARTMENT 208 746-1316
STREETS / TRAFFIC 208 791-2311
WASTEWATER 208 791-0986
AVISTA UTILITIES 208 798-1473
CABLEONE 208 746-3325
CENTURYLINK 208 798-8380
DIGLINE UNDERGROUND UTILITY LOCATE 811



THE LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. THE CONTRACTOR SHALL PERFORM A SEPARATE INVESTIGATION IN THE FIELD TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES. INFORMATION REGARDING THE LOCATION OF EXISTING UNDERGROUND UTILITIES CAN BE OBTAINED FROM CALLING DIG LINE AT 811.



AS CONSTRUCTION
06/09/2021



REVISIONS			
NO.	DATE	DESCRIPTION	BY
AS CONSTRUCTED			



215 "D" Street, Lewiston, ID 83501-1930
Phone: 208-746-1316 Fax: 208-746-5595

TD-3 DISTRIBUTION MAIN REPLACEMENT
PHASE I - 3RD STREET; 5TH TO 7TH AVE

COVER AND SHEET INDEX

SCALE: 1" = 600'
DESIGNED BY: A.M.B.
DRAWN BY: B.D.S.
CHECKED BY: CREW
SHEET SET: WR503
DATE: 06-09-2021
DRAWING NO.: C-1
SHEET 1 OF 8

LEGEND

Ⓢ

STORM DRAIN MANHOLE

□

CATCH BASIN

Ⓢ

SANITARY SEWER MANHOLE

⌵

GAS VALVE

⌵

GATE VALVE

⌵

FIRE HYDRANT

Ⓜ

WATER METER

□

IRRIGATION CONTROL BOX

⌵^{RV}

IRRIGATION VALVE

Ⓜ

WATER MANHOLE

⌵

WATER VAULT

Ⓢ

SURVEY MONUMENT IN CASE

⌵

CENTERLINE MONUMENT

Ⓢ

PROPERTY PIN

⌵

ELECTRIC VAULT

⌵

POWER POLE

⌵

LIGHT POLE

→

GUY ANCHOR

⌵

TELEPHONE PEDESTAL

Ⓜ

TELEPHONE MANHOLE / VAULT

— — — — —

CENTERLINE

— — — — —

RIGHT-OF-WAY

— W — — — — —

EXISTING WATERLINE

— SS — — — — —

EXISTING SANITARY SEWER

— G — — — — —

EXISTING GAS

— T — — — — —

EXISTING TELEPHONE

— FO — — — — —

EXISTING FIBER OPTIC

— SD — — — — —

EXISTING STORM DRAIN

— P — — — — —

EXISTING UG POWER

— — — — —

EXISTING CONCRETE/SIDEWALK

⌵

EXISTING CURB & GUTTER

■

REMOVAL OF BITUMINOUS SURFACE /
TYPE "P" SURFACE RESTORATION AREA

■

PROPOSED CURB & GUTTER

— — — — —

PROPOSED WATERLINE

CONSTRUCTION NOTES

GENERAL:

1. ALL CONSTRUCTION WORK SHALL CONFORM TO THE CITY OF LEWISTON STANDARD DRAWINGS AND THE 2017 IDAHO STANDARDS SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (ISPMC). IN THE CASE OF CONFLICT, THE PROJECT PLANS AND TECHNICAL SPECIFICATIONS WILL PREVAIL OVER CITY STANDARDS, WHICH WILL PREVAIL OVER ISPMC.
2. A CITY RIGHT-OF-WAY PERMIT IS REQUIRED FOR ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
3. WORK SUBJECT TO APPROVAL MUST BE APPROVED PRIOR TO (A) BACKFILLING TRENCHES FOR PIPE: (B) PLACING OF AGGREGATE BASE: (C) PLACING OF CONCRETE: (D) PLACING OF ASPHALT PAVING.
4. INSPECTION, APPROVAL AND FINAL ACCEPTANCE OF ALL CONSTRUCTION SHALL BE BY THE PUBLIC WORKS DEPARTMENT, AND THEIR DECISION SHALL BE FINAL. SUCH INSPECTION SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF PERFORMING THE WORK IN AN ACCEPTABLE MANNER IN ACCORDANCE WITH THE APPROVED CONSTRUCTION PLANS.
5. CONTRACTORS SHALL BE RESPONSIBLE FOR COORDINATING WITH AFFECTED FRANCHISE UTILITIES DURING CONSTRUCTION.
6. PROPERTIES IMPACTED BY CONSTRUCTION ACTIVITIES SHALL BE NOTIFIED A MINIMUM OF TWO (2) DAYS PRIOR TO DISRUPTING THEIR WATER SERVICE OR ACCESS TO THEIR PROPERTY.
7. UNDERGROUND UTILITIES SHALL BE VERIFIED BY NOTIFYING THE ONE CALL (811) THREE (3) WORKING DAYS IN ADVANCE OF PERFORMING EXCAVATION WORK. PROTECT UTILITY MARKINGS DURING CONSTRUCTION. DETERMINE BY HAND DIGGING, IN THE AREA (24 INCHES) OR LESS FROM THE FACILITIES, THE PRECISE ACTUAL LOCATIONS OF UNDERGROUND FACILITIES THAT HAVE BEEN MARKED. COMPLY WITH SECTION 55-2201 OF IDAHO CODE ENTITLED "UNDERGROUND FACILITIES DAMAGE PREVENTION".
8. CONTRACTOR MUST SUBMIT A TRAFFIC CONTROL PLAN AT LEAST 5 WOKRING DAY IN ADVANCE OF ANTICIPATED START DATE. APPROVAL OF THE TRAFFIC CONTROL PLAN IS REQUIRED BEFORE WORK BEGINNING ANY WORK.

WATER:

1. CONSTRUCTION OF POTABLE WATER LINES SHALL CONFORM TO THE STANDARDS IN THE "IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08)", WHICH IN CASE OF CONFLICT PREVAILS OVER THE STANDARDS REFERENCED IN GENERAL CONDITIONS NOTE NO. 1.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING WATER USERS PRIOR TO DISRUPTING SERVICE. NO USER SHALL BE WITHOUT WATER SERVICE OVERNIGHT OR FOR MORE THAN 4 HOURS DURING NORMAL BUSINESS HOURS.
3. ALL WATER WORKS COMPONENTS SHALL BE ANSI/NSF 61 CERTIFIED, AND MUST MEET ALL AMERICAN WATER WORKS ASSOCIATION (AWWA) AND STANDARD REQUIREMENTS OF IDAPA 58.01.08.
4. THE NEW WATER MAIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS AND STANDARDS REFERENCED IN GENERAL CONDITIONS NOTE NO. 1. ALL WORK SHALL BE SUBJECT TO ACCEPTANCE BY THE CITY OF LEWISTON PURSUANT TO THE ENGINEERING DEPARTMENT'S CURRENT INSPECTION CHECKLIST.
5. FLUSHING AND DISINFECTION SHALL BE BY THE CITY WATER DIVISION PER ISPMC 401.3.9 AND IN ACCORDANCE AWWA C651.
6. PRESSURE AND LEAKAGE TEST SHALL BE PER ISPMC 401.3.6 AND IN ACCORDANCE WITH AWWA C600.
7. ALL FITTINGS AND VALVES SHALL HAVE MJ JOINTS UNLESS MULTIPLE FITTINGS AND/OR VALVES ARE TOGETHER IN A SINGLE ASSEMBLY, IN WHICH CASE, COMMON JOINTS BETWEEN THEM SHALL BE FLANGED. MJ TO MJ CONNECTIONS SHALL INCLUDE A FOSTER ADAPTER IN BETWEEN. ALL FITTINGS SHALL HAVE RESTRAINED JOINTS. NOTIFY THE ENGINEER IF ADDITIONAL HORIZONTAL OR VERTICAL FITTINGS ARE NECESSARY.

ROADWAY:

1. ALL ASPHALT JOINTS SHALL BE SAW CUT UNLESS SPECIFICALLY NOTED OTHERWISE IN THE DRAWINGS.
2. ALL ASPHALT SURFACES AND ADJACENT PAVEMENT, LONGITUDINAL JOINTS, EDGES OF SURFACE UTILITIES AND CURB EDGES SHALL BE TACKED.
3. ALL UTILITIES IN THE PUBLIC RIGHT-OF-WAY SHALL BE ADJUSTED TO MATCH FINISH GRADE. CUTTING AND PAVEMENT PATCHING IS NOT ALLOWED. IF ADJUSTED PRIOR TO PAVING THE UTILITY MUST BE PAVED AROUND. IF ADJUSTED AFTER PAVING CONCRETE COLLARS CONFORMING TO CITY STANDARD DRAWINGS 1-10 AND 5-6 ARE REQUIRED.

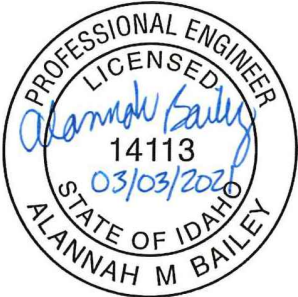
PUBLIC SURVEY MONUMENT:

ALL PUBLIC AND PRIVATE LAND SURVEY MONUMENTS DISTURBED BY CONSTRUCTION ACTIVITIES MUST BE REFERENCED BY AN IDAHO LICENSED PROFESSIONAL LAND SURVEYOR PRIOR TO DISTURBANCE. ANY DISTURBED PUBLIC AND PRIVATE MONUMENTS SHALL BE RE-ESTABLISHED BY AN IDAHO LICENSED PROFESSIONAL LAND SURVEYOR BEFORE PROJECT COMPLETION. IF MONUMENTS ARE FOUND DURING CONSTRUCTION THAT ARE NOT SHOWN ON THE CONSTRUCTION ON PLANS, THE MONUMENTS MUST BE REFERENCED AND RE-ESTABLISHED BY AN IDAHO LICENSED PROFESSIONAL LAND SURVEYOR. SECTION CORNER MONUMENTS DISTURBED AND REESTABLISHED AFTER CONSTRUCTION SHALL HAVE CORNER RECORDS COMPLETED AND RECORDED AT THE NEZ PERCE COUNTY RECORDERS OFFICE.

QUANTITY SUMMARY

ITEM NO.	TAG	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY
201.4.1.D.1	1	Removal of Bituminous Surface	SY	668
201.4.1.E.1	2	Removal of Curb	LF	0
201.4.1.F.1	3	Removal Water Main & Appurtenances	EA	3
401.4.1.A.1	4	Water Main Pipe - 4" C900, DR18	LF	14
401.4.1.A.4	7	Water Main Pipe - 8" C900, DR18	LF	31
401.4.1.A.5	8	Water Main Pipe - 12" C900 ,DR18	LF	760
401.4.1.B.1	9	Water Main Fitting - 4"	EA	5
401.4.1.B.2	10	Water Main Fitting - 6"	EA	1
401.4.1.B.3	11	Water Main Fitting - 8"	EA	8
401.4.1.B.5	13	Water Main Fitting - 12"	EA	15
401.4.1.C.1	15	Connect to Existing - 4"	EA	2
401.4.1.C.3	17	Connect to Existing - 8"	EA	4
402.4.1.A.2	21	Valve - 8" Gate	EA	4
402.4.1.A.3	22	Valve - 12" Gate	EA	5
404.4.1.A.1	23	Water Service Connection - 3/4"	EA	12
404.4.1.A.2	24	Water Service Connection - 1"	EA	2
404.4.1.B.1	25	Water Service Pipe - 3/4"	LF	221
404.4.1.B.2	26	Water Service Pipe - 1"	LF	61
706.4.1.A.5	27	Standard 6-Inch Vertical Curb and Gutter	LF	0
810.4.1.A.3	28	Plant Mix Pavement, 3" thk, SP-3, PG 58-28, 1/2" Agg.	SY	668
1103.4.1.A.1		Construction Traffic Control	LS	1
2010.4.1.A.1		Mobilization	LS	1
SP1	29	Sewer Main Crossing	EA	4
SP2		Construction Surveying	LS	1

AS CONSTRUCTION
06/09/2021



REVISIONS			
NO.	DATE	DESCRIPTION	BY
AS CONSTRUCTED			



215 "D" Street, Lewiston, ID 83501-1930
Phone: 208-746-1316 Fax: 208-746-5595

TD-3 DISTRIBUTION MAIN REPLACEMENT
PHASE I - 3RD STREET; 5TH TO 7TH AVE

LEGEND, GENERAL NOTES & QUANTITY SUMMARY

SCALE: N/A
DESIGNED BY: A.M.B.
DRAWN BY: B.D.S.
CHECKED BY: CREW
SHEET SET: WR503
DATE: 06-09-2021
DRAWING NO.: C-2
SHEET 2 OF 8

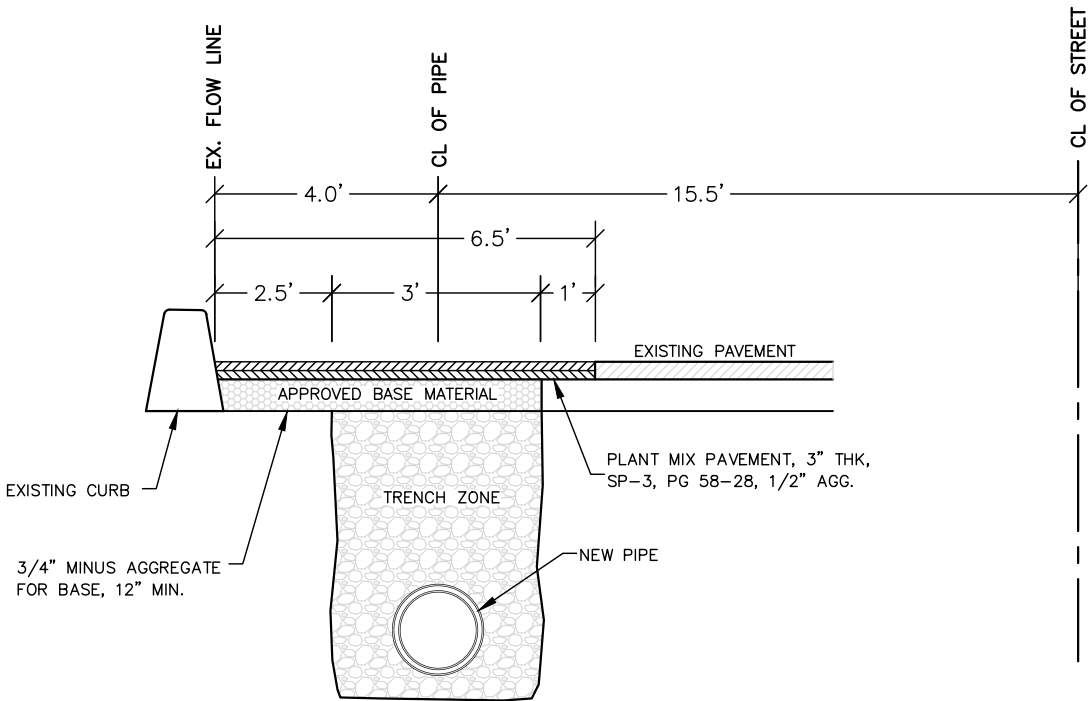
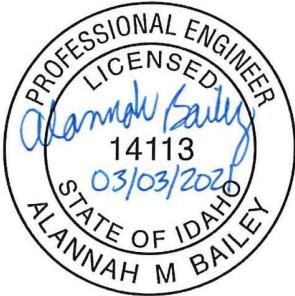
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Fitting Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL ELEV.
F-1	4+75.12	0.00	12" MJ CAP	1733677.79	2301891.34	815.40
F-2	4+79.12	0.00	12" x 8" FL CROSS	1733673.79	2301891.28	815.40
F-3	4+79.12	2.33	8" ROMAC 501	1733673.83	2301888.95	815.40
F-4	4+79.12	-2.20	8" ROMAC 501	1733673.75	2301893.47	815.40
F-5	4+80.89	30.93	6" MJ CAP	1733672.71	2301860.32	811.94
F-6	6+42.77	0.00	12" MJ 22 ELL	1733510.16	2301888.63	814.34
F-7	6+47.88	0.00	12" MJ 22 ELL	1733505.05	2301888.55	812.37
F-8	6+72.23	0.00	12" MJ 22 ELL	1733480.70	2301888.15	811.82
F-9	6+77.65	0.01	12" MJ 22 ELL	1733475.28	2301888.06	813.56
F-10	8+07.96	-0.01	12" MJ 22 ELL	1733344.99	2301885.97	812.40
F-11	8+28.20	1.12	12" MJ 22 ELL	1733326.80	2301877.16	811.73
F-12	8+60.85	-0.01	12" x 8" FL CROSS	1733293.94	2301876.60	811.73
F-13	8+75.65	0.76	12" MJ 22 ELL	1733278.98	2301876.31	810.17
F-13A	8+64.63	-0.01	12" MJ 22 ELL	1733290.15	2301876.53	811.73
F-13B	8+68.60	-0.01	12" MJ 22 ELL	1733286.19	2301876.45	810.19
F-14	8+99.70	0.00	12" MJ 22 ELL	1733256.65	2301884.50	813.00
F-15	11+93.54	-2.00	12" MJ 22 ELL	1732962.45	2301879.83	816.62
F-16	12+13.63	0.00	12" MJ 22 ELL	1732944.74	2301870.32	817.32
F-17	12+42.20	0.00	12" x 8" FL CROSS	1732916.17	2301869.86	817.32
F-18	12+54.75	0.00	12" MJ CAP	1732903.62	2301869.67	817.32
F-19	12+42.21	3.45	8" ROMAC 501	1732916.22	2301866.42	815.48
F-20	12+42.20	-3.46	8" ROMAC 501	1732916.12	2301873.33	815.53
F-21	12+39.41	13.10	8" MJ CAP	1732919.17	2301856.82	812.47
F-22	8+60.86	5.49	4" ROMAC 501	1733294.02	2301871.09	811.76
F-24	8+60.86	4.14	8" x 4" REDUCER	1733294.00	2301872.44	811.77
F-26	8+60.84	-4.32	8" x 4" REDUCER	1733293.86	2301880.91	812.00
F-29	8+60.84	-5.74	4" ROMAC 501	1733293.85	2301882.32	812.05

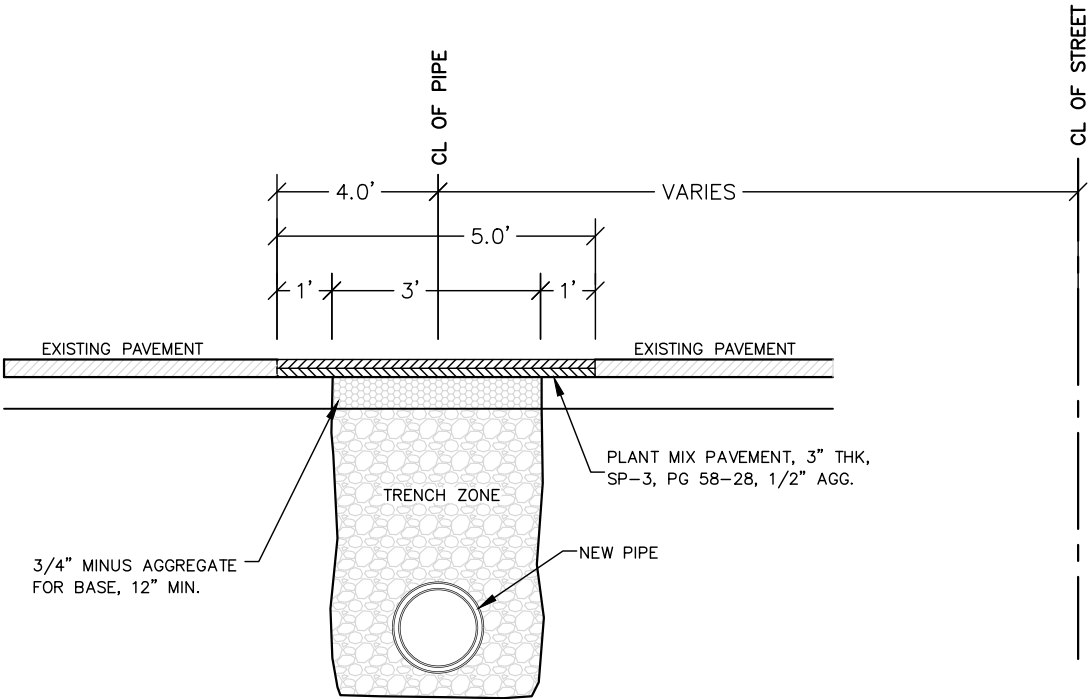
Appurtenance Table						
TAG	STATION	OFFSET	DESCRIPTOPN	NORTHING	EASTING	CL ELEV.
A-1	4+80.74	0.00	12" FL x MJ GV	1733672.16	2301891.25	815.40
A-2	8+59.22	-0.01	12" FL x MJ GV	1733295.56	2301876.62	811.73
A-3	8+60.84	-1.52	8" FL GV	1733293.91	2301878.11	811.80
A-4	8+60.85	1.47	8" FL x MJ GV	1733293.96	2301875.12	811.80
A-5	8+62.47	-0.02	12" FL x MJ GV	1733292.31	2301876.57	811.73
A-6	12+40.58	0.00	12" FL x MJ GV	1732917.80	2301869.89	817.32
A-7	12+42.20	-1.51	8" FL x MJ GV	1732916.15	2301871.38	815.50
A-8	12+42.20	1.52	8" FL x MJ GV	1732916.20	2301868.35	815.50
A-9	12+43.83	0.01	12" FL x MJ GV	1732914.55	2301869.84	817.32

Pressure Pipe Table		
TAG	Length	DESCRIPTION
P-1	3.00	12" C900 DR 18
P-2	160.78	12" C900 DR 18
P-3	3.96	12" C900 DR 18
P-4	23.10	12" C900 DR 18
P-5	4.27	12" C900 DR 18
P-6	129.06	12" C900 DR 18
P-7	18.96	12" C900 DR 18
P-8	29.99	12" C900 DR 18
P-10	0.26	4" C900 DR 18
P-12	0.33	4" C900 DR 18
P-13A	1.21	12" C900 DR 18
P-13B	2.52	12" C900 DR 18
P-13C	5.96	12" C900 DR 18
P-15	124.67	12" C900 DR 18
P-16	168.32	12" C900 DR 18
P-17	18.86	12" C900 DR 18
P-18	25.69	12" C900 DR 18
P-19	10.30	12" C900 DR 18

AS CONSTRUCTION
06/09/2021



TYPICAL SECTION (PATCH BACK WITH CURB)



TYPICAL SECTION (PATCH BACK, INTERSECTIONS)

REVISIONS			
NO.	DATE	DESCRIPTION	BY
AS CONSTRUCTED			



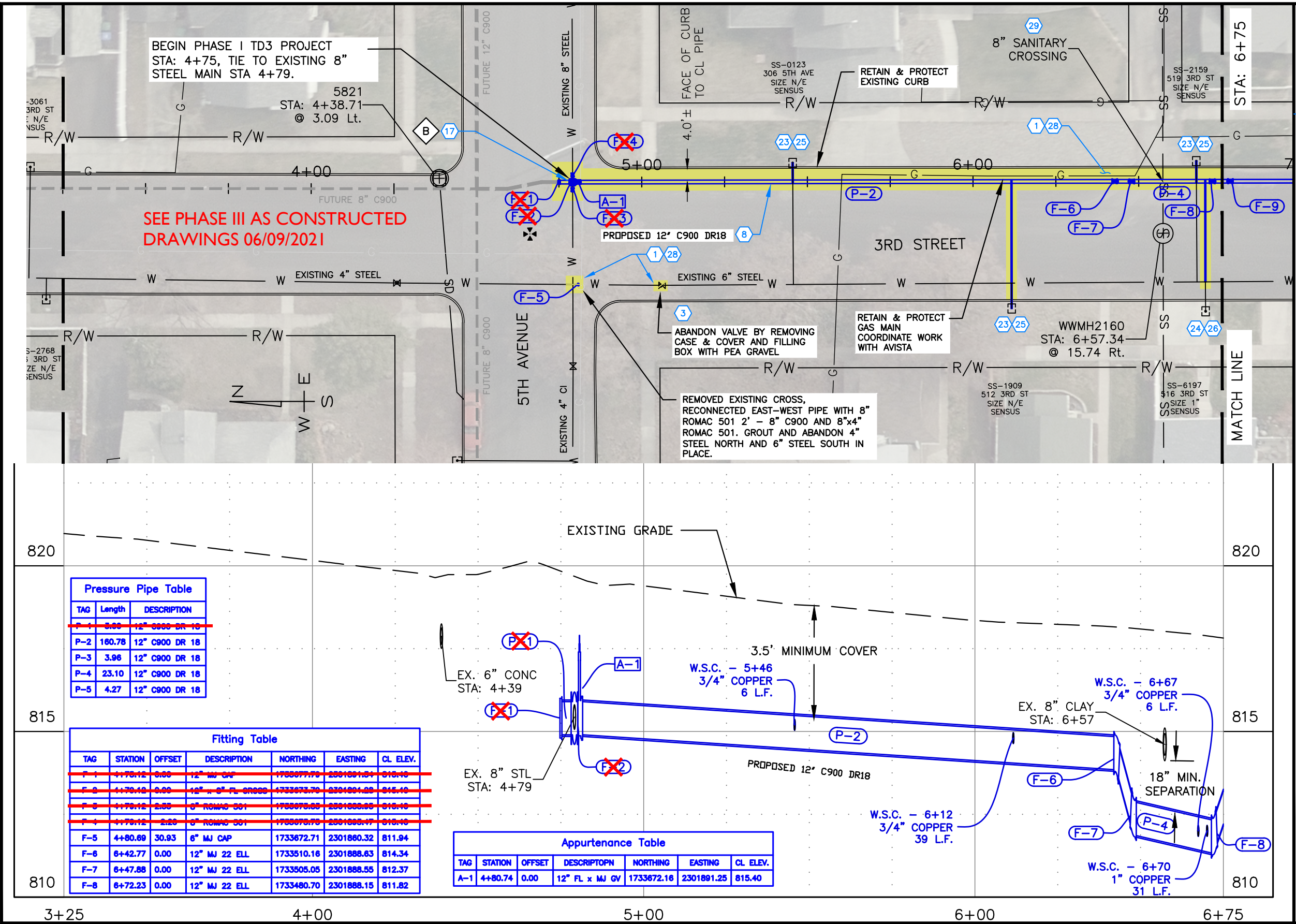
215 "D" Street, Lewiston, ID 83501-1930
Phone: 208-746-1316 Fax: 208-746-5595

TD-3 DISTRIBUTION MAIN REPLACEMENT
PHASE I - 3RD STREET; 5TH TO 7TH AVE

OVERALL PARTS LIST & PATCH BACK DETAILS

SCALE: N/A
DESIGNED BY: A.M.B.
DRAWN BY: B.D.S.
CHECKED BY: CREW
SHEET SET: WR503
DATE: 06-09-2021
DRAWING NO.: C-4
SHEET 4 OF 8

File Name C:\Shared drives\Public Works CAPITAL\Water_Distribution\WR503 PRP TD3 Inhouse\dwg\Production Drawings\PHASE-1\WR503-ASBUILT-PLANS-P1.dwg Printed 8/16/2021 9:15 AM By Bruce Stewart



SPECIAL NOTES

- A Abandon inactive service line in place.
- B Connect to existing pipe as directed by the project engineer.

PAY ITEMS

	QUANTITY
1 Removal of Bituminous Surface, Item 201.4.1.D.1	173 S.Y.
2 Removal of Curb, Item 201.4.1.E.1	0 L.F.
3 Removal of Water Main & Appurtenances, Item 201.4.1.F.1	1 L.F.
8 Water Main Pipe - 12" C900 DR18 Type, Item 401.4.1.A.5	194 L.F.
10 Water Main Fitting - 6" (See Fitting Table This Sheet), Item 402.4.1.B.2	1 EA.
11 Water Main Fitting - 8" (See Fitting Table This Sheet), Item 402.4.1.B.3	2 EA.
13 Water Main Fitting - 12" (See Fitting Table This Sheet), Item 402.4.1.B.5	5 EA.
17 Connect to Existing Main - 8", Item 401.4.1.C.3	2 EA.
22 Valve - Size 12", (See Appurtenance Table This Sheet), Item 402.4.1.A.3	1 EA.
23 Water Service Connection, 3/4", Item 404.4.1.A.1	3 EA.
24 Water Service Connection, 1", Item 404.4.1.A.2	1 EA.
25 Water Service Pipe 3/4", (See Profile this sheet for length), Item 404.4.1.B.1	51 L.F.
26 Water Service Pipe 1", (See Profile this sheet for length), Item 404.4.1.B.2	31 L.F.
27 Standard 6-inch Vertical Curb and Gutter, Item 706.4.1.A.5	0 L.F.
28 Plant Mix Pavement, 3" thk, SP-3, PG 58-28, 1/2" Gradation, Item 810.4.1.A.3	173 S.Y.
29 Sewer Main Crossing, Item SP-1	1 EA.

PROFESSIONAL ENGINEER
LICENSED
Alannah Bailey
14113
03/03/2021
STATE OF IDAHO
ALANNAH M. BAILEY

SCALE: 1" = 30'
DESIGNED BY: A.M.B.
DRAWN BY: B.D.S.
CHECKED BY: CREW
SHEET SET: WR503
DATE: 06-09-2021
DRAWING NO.: **C-5**
SHEET 5 OF 8

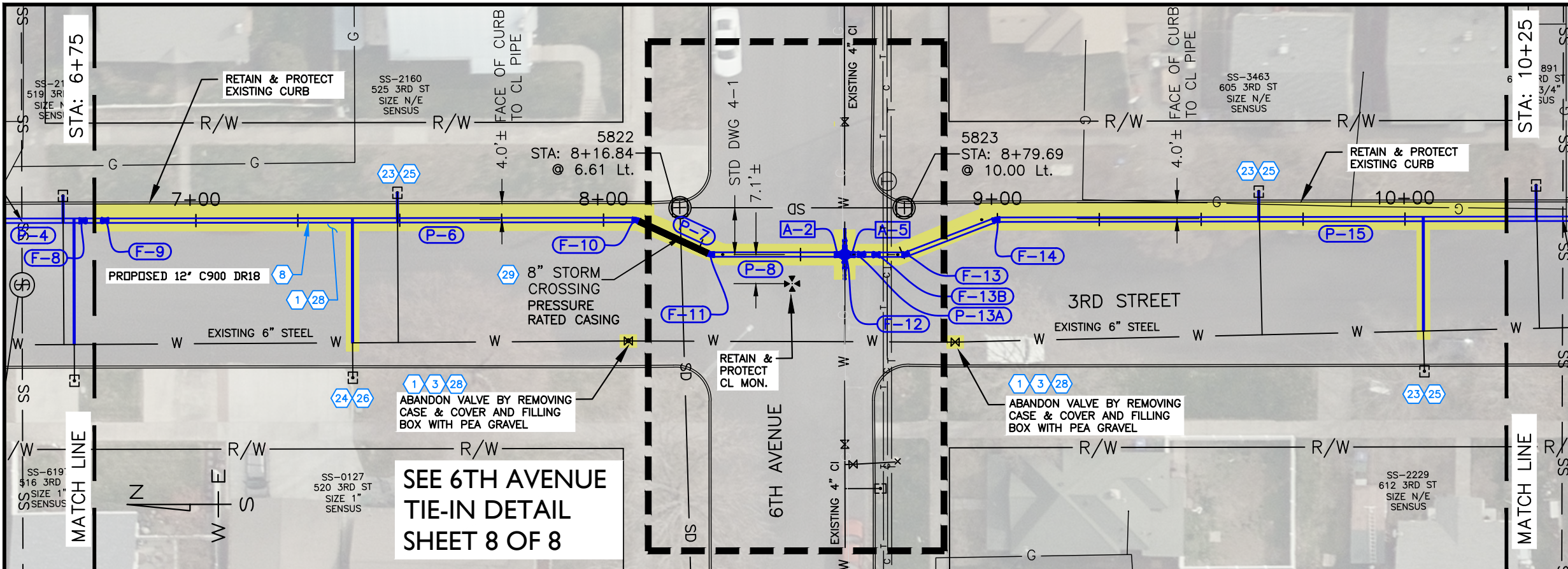
TD-3 DISTRIBUTION MAIN REPLACEMENT
PHASE I - 3RD STREET; 5TH TO 7TH AVE

PLAN & PROFILE

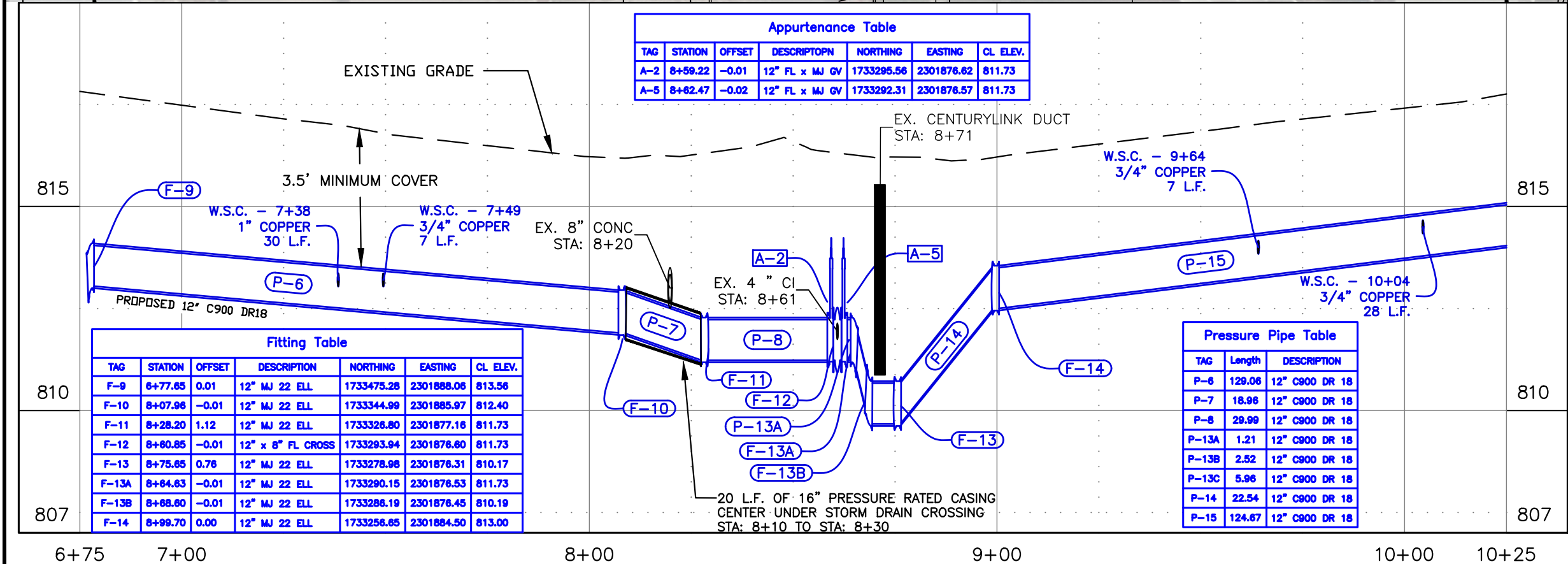


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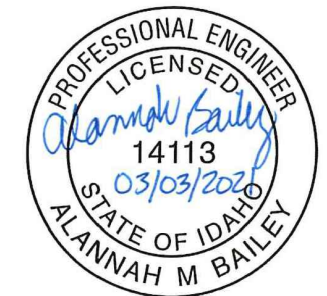
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SPECIAL NOTES	
A	Abandon inactive service line in place.
B	Connect to existing pipe as directed by the project engineer.
PAY ITEMS	
PAY ITEMS	QUANTITY
1 Removal of Bituminous Surface, Item 201.4.1.D.1	296 S.Y.
2 Removal of Curb, Item 201.4.1.E.1	0 L.F.
3 Removal of Water Main & Appurtenances, Item 201.4.1.F.1	2 L.F.
8 Water Main Pipe - 12" C900 DR18 Type, Item 401.4.1.A.5	339 L.F.
13 Water Main Fitting - 12" (See Fitting Table This Sheet), Item 402.4.1.B.5	6 EA.
22 Valve - Size 12", (See Appurtenance Table This Sheet), Item 402.4.1.A.3	2 EA.
23 Water Service Connection, 3/4", Item 404.4.1.A.1	3 EA.
24 Water Service Connection, 1", Item 404.4.1.A.2	1 EA.
25 Water Service Pipe 3/4", (See Profile this sheet for length), Item 404.4.1.B.1	42 L.F.
26 Water Service Pipe 1", (See Profile this sheet for length), Item 404.4.1.B.2	30 L.F.
27 Standard 6-inch Vertical Curb and Gutter, Item 706.4.1.A.5	0 L.F.
28 Plant Mix Pavement, 3" thk, SP-3, PG 58-28, 1/2" Gradation, Item 810.4.1.A.3	296 S.Y.
29 Sewer Main Crossing, Item SP-1	1 EA.



AS CONSTRUCTION
06/09/2021



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CITY OF LEWISTON
PUBLIC WORKS
DEPARTMENT
1861

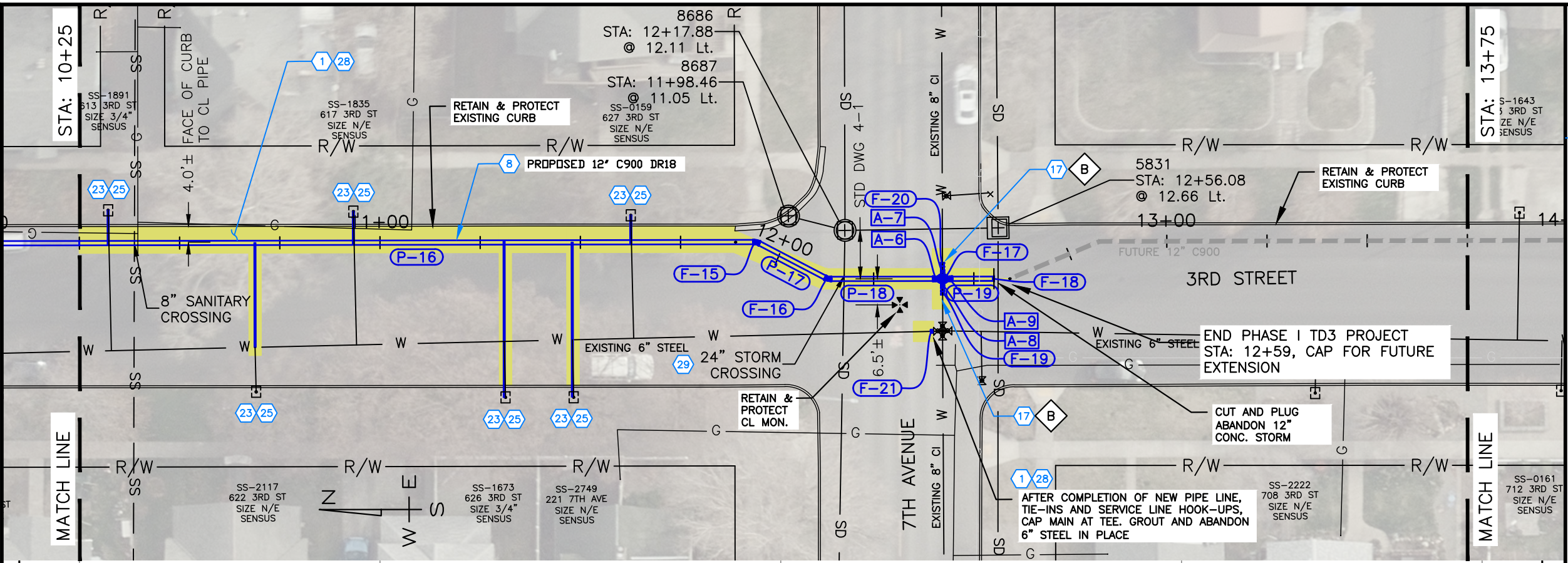
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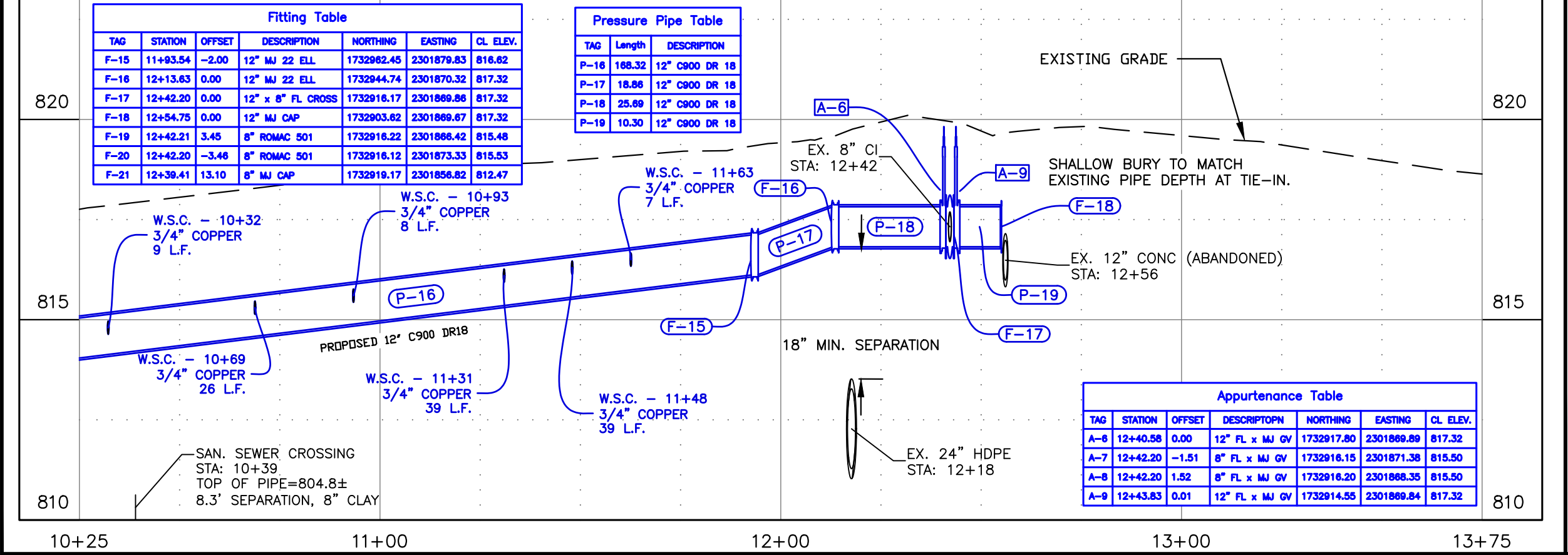
PLAN & PROFILE

SCALE: 1" = 30'
DESIGNED BY: A.M.B.
DRAWN BY: B.D.S.
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DATE: 06-09-2021
DRAWING NO.: C-6
SHEET 6 OF 8

File Name C:\Shared drives\Public Works CAPITAL\Water_Distribution\WR503 PRP TD3 Inhouse\dwg\Production Drawings\PHASE-1\WR503-ASBUILT-PLANS-P1.dwg Printed 8/16/2021 9:16 AM By Bruce Stewart



SPECIAL NOTES	
A	Abandon inactive service line in place.
B	Connect to existing pipe as directed by the project engineer.
PAY ITEMS	
ITEM	QUANTITY
1 Removal of Bituminous Surface, Item 201.4.1.D.1	199 S.Y.
2 Removal of Curb, Item 201.4.1.E.1	0 L.F.
3 Removal of Water Main & Appurtenances, Item 201.4.1.F.1	0 L.F.
8 Water Main Pipe - 12" C900 DR18 Type, Item 401.4.1.A.5	227 L.F.
11 Water Main Fitting - 8" (See Fitting Table This Sheet), Item 402.4.1.B.3	3 EA.
13 Water Main Fitting - 12" (See Fitting Table This Sheet), Item 402.4.1.B.5	4 EA.
17 Connect to Existing Main - 8", Item 401.4.1.C.3	2 EA.
21 Valve - Size 8", (See Appurtenance Table This Sheet), Item 402.4.1.A.2	2 EA.
22 Valve - Size 12", (See Appurtenance Table This Sheet), Item 402.4.1.A.3	2 EA.
23 Water Service Connection, 3/4", Item 404.4.1.A.1	6 EA.
24 Water Service Connection, 1", Item 404.4.1.A.2	0 EA.
25 Water Service Pipe 3/4", (See Profile this sheet for length), Item 404.4.1.B.1	128 L.F.
26 Water Service Pipe 1", (See Profile this sheet for length), Item 404.4.1.B.2	0 L.F.
27 Standard 6-inch Vertical Curb and Gutter, Item 706.4.1.A.5	0 L.F.
28 Plant Mix Pavement, 3" thk, SP-3, PG 58-28, 1/2" Gradation, Item 810.4.1.A.3	199 S.Y.
29 Sewer Main Crossing, Item SP-1	1 EA.



Fitting Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-15	11+93.54	-2.00	12" MJ 22 ELL	1732962.45	2301879.83	816.62
F-16	12+13.63	0.00	12" MJ 22 ELL	1732944.74	2301870.32	817.32
F-17	12+42.20	0.00	12" x 8" FL CROSS	1732916.17	2301869.86	817.32
F-18	12+54.75	0.00	12" MJ CAP	1732903.62	2301869.67	817.32
F-19	12+42.21	3.45	8" ROMAC 501	1732916.22	2301866.42	815.48
F-20	12+42.20	-3.46	8" ROMAC 501	1732916.12	2301873.33	815.53
F-21	12+39.41	13.10	8" MJ CAP	1732919.17	2301856.82	812.47

Pressure Pipe Table		
TAG	Length	DESCRIPTION
P-16	168.32	12" C900 DR 18
P-17	18.86	12" C900 DR 18
P-18	25.69	12" C900 DR 18
P-19	10.30	12" C900 DR 18

Appurtenance Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
A-6	12+40.58	0.00	12" FL x MJ GV	1732917.80	2301869.89	817.32
A-7	12+42.20	-1.51	8" FL x MJ GV	1732916.15	2301871.38	815.50
A-8	12+42.20	1.52	8" FL x MJ GV	1732916.20	2301868.35	815.50
A-9	12+43.83	0.01	12" FL x MJ GV	1732914.55	2301869.84	817.32

AS CONSTRUCTION
06/09/2021



REVISIONS		 215 "D" Street, Lewiston, ID 83501-1930 Phone: 208-746-1316 Fax: 208-746-5595	TD-3 DISTRIBUTION MAIN REPLACEMENT PHASE I - 3RD STREET; 5TH TO 7TH AVE	SCALE: 1" = 30' DESIGNED BY: A.M.B. DRAWN BY: B.D.S. CHECKED BY: CREW SHEET SET: WR503 DATE: 06-09-2021 DRAWING NO.: C-7 SHEET 7 OF 8
NO.	DATE	DESCRIPTION	BY	
AS CONSTRUCTED				PLAN & PROFILE

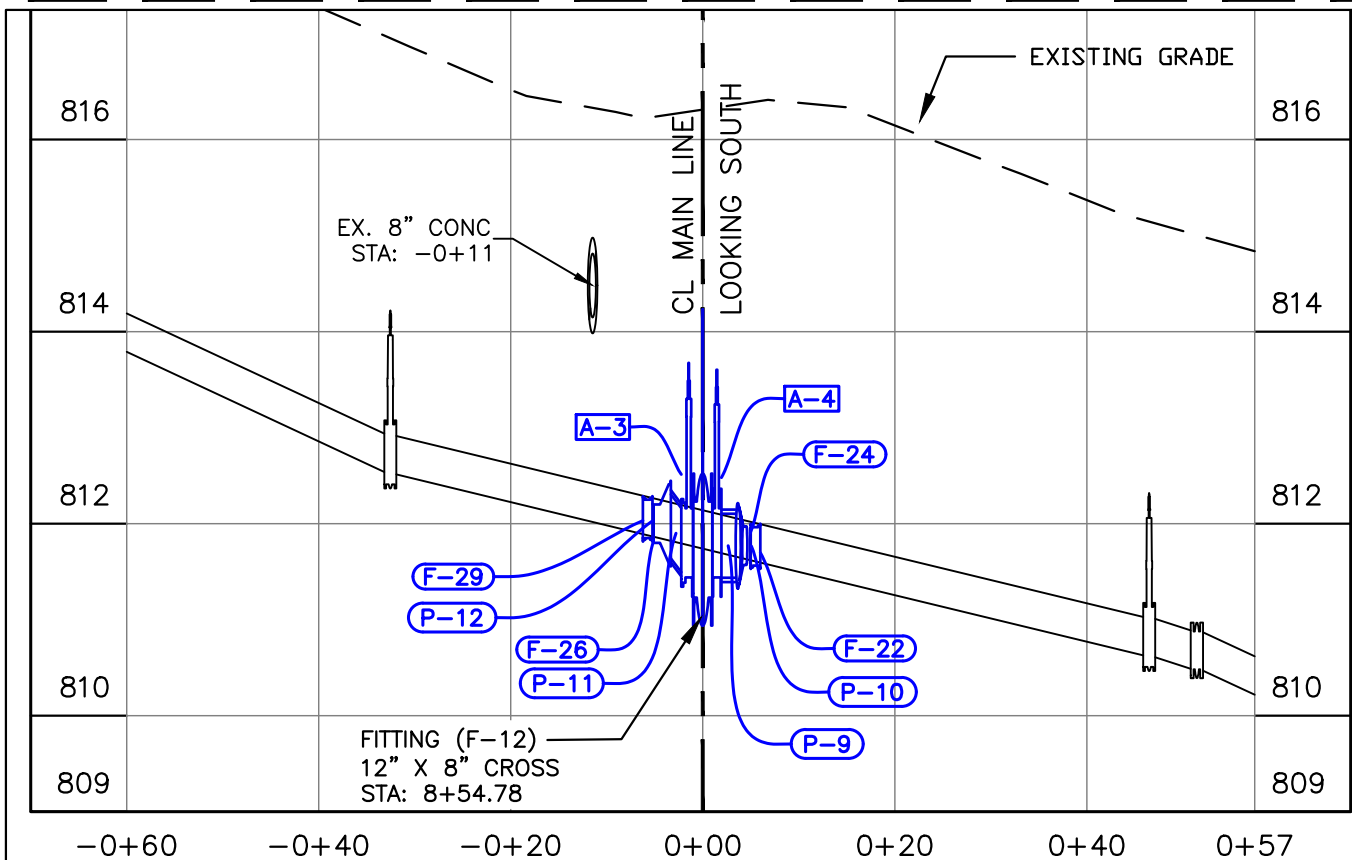
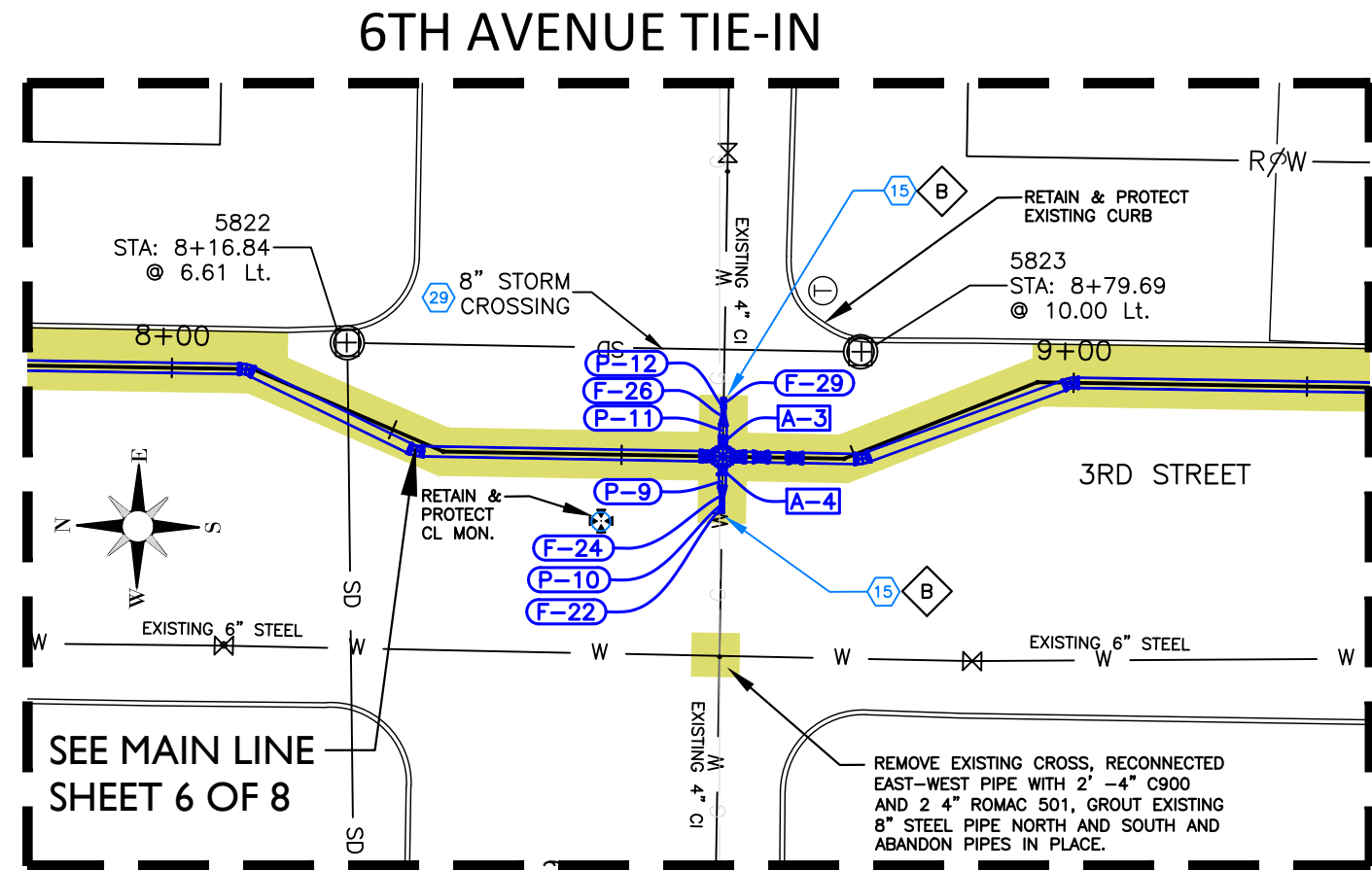
File Name C:\Shared drives\Public Works CAPITAL\Water_Distribution\WR503 PRP TD3 Inhouse\dwg\Production Drawings\PHASE-1\WR503-ASBUILT-TIE-INS.dwg Printed 8/16/2021 9:20 AM By Bruce Stewart

Note: Station and Offset shown in Tables are Main Line

Fitting Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
F-22	8+60.86	5.49	4" ROMAC 501	1733294.02	2301871.09	811.76
F-24	8+60.86	4.14	8" x 4" REDUCER	1733294.00	2301872.44	811.77
F-26	8+60.84	-4.32	8" x 4" REDUCER	1733293.86	2301880.91	812.00
F-29	8+60.84	-5.74	4" ROMAC 501	1733293.85	2301882.32	812.05

Appurtenance Table						
TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.
A-3	8+60.84	-1.52	8" FL GV	1733293.91	2301878.11	811.80
A-4	8+60.85	1.47	8" FL x MJ GV	1733293.96	2301875.12	811.80

Pressure Pipe Table		
TAG	Length	DESCRIPTION
P-9	1.41	8" C900 DR 18
P-10	0.26	4" C900 DR 18
P-11	1.49	8" C900 DR 18
P-12	0.33	4" C900 DR 18



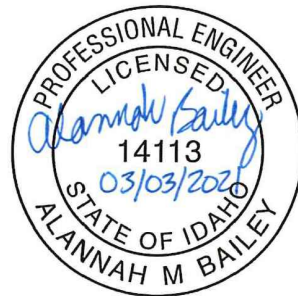
SPECIAL NOTES

- A Abandon inactive service line in place.
- B Connect to existing pipe as directed by the project engineer.

PAY ITEMS

	QUANTITY
4 Water Main Pipe - 4" C900 DR18 Type, Item 401.4.1.A.1	14 L.F.
7 Water Main Pipe - 8" C900 DR18 Type, Item 401.4.1.A.4	31 L.F.
9 Water Main Fitting - 4" (See Fitting Table This Sheet), Item 402.4.1.B.1	2 EA.
11 Water Main Fitting - 8" (See Fitting Table This Sheet), Item 402.4.1.B.3	2 EA.
15 Connect to Existing Main - 4", Item 401.4.1.C.1	2 EA.
21 Valve - Size 8", (See Appurtenance Table This Sheet), Item 402.4.1.A.2	2 EA.
29 Sewer Main Crossing, Item SP-1	1 EA.

AS CONSTRUCTION
06/09/2021



REVISIONS			
NO.	DATE	DESCRIPTION	BY
AS CONSTRUCTED			



215 "D" Street, Lewiston, ID 83501-1930
Phone: 208-746-1316 Fax: 208-746-5595

TD-3 DISTRIBUTION MAIN REPLACEMENT
PHASE I - 3RD STREET; 5TH TO 7TH AVE

6TH AVENUE TIE-IN DETAIL

SCALE: 1" = 20'
DESIGNED BY: A.M.B.
DRAWN BY: B.D.S.
CHECKED BY: CREW
SHEET SET: WR503
DATE: 06-09-2021
DRAWING NO.: C-8
SHEET 8 OF 8