

CONSTRUCTION DRAWINGS

MAYFAIR ADDITION CI 160 WATERLINE REPLACEMENT

NW1/4, SW1/4 SECTION 7, T.35N., R.5W., B.M.
CITY OF LEWISTON, NEZ PERCE COUNTY, IDAHO

SHEET INDEX

GENERAL

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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.

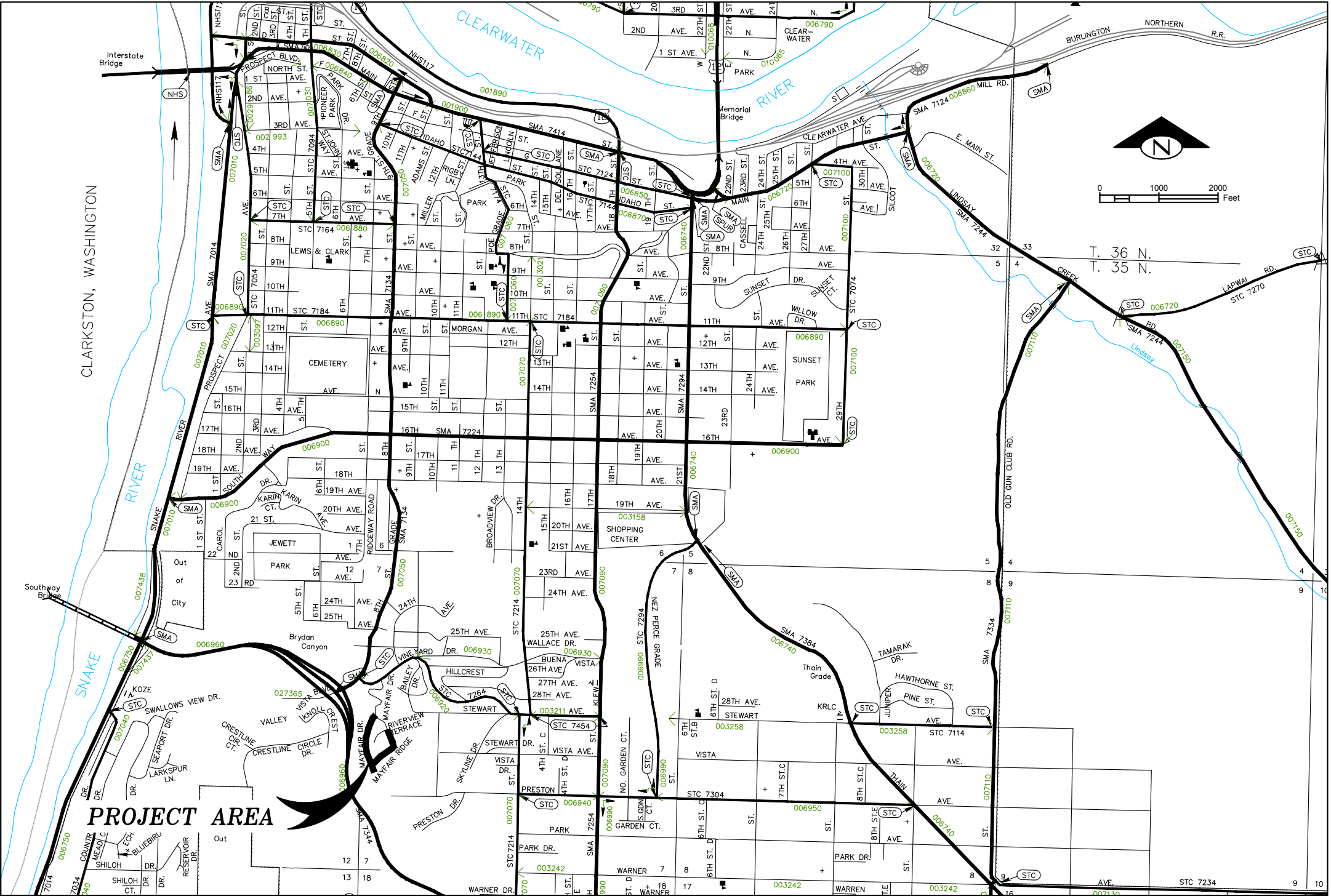
AGENCY TELEPHONE NUMBERS

CITY OF LEWISTON PUBLIC WORKS DEPARTMENT 208 746-1316
STREETS ON CALL 208 791-2311
WASTEWATER 208 791-0986
LOID 208 746-8235
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.

PRELIMINARY



REVISIONS			
NO.	DATE	DESCRIPTION	BY
00% SUBMITTAL			



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

NOT FOR
PRELIMINARY
CONSTRUCTION

CI 160 WATERLINE REPLACEMENT
MAYFAIR ADDITION

COVER SHEET

SCALE: 1" = 2000'
DESIGNED BY: B.D.S.
DRAWN BY: B.D.S.
CHECKED BY: ???
SHEET SET: MAYFAIR
DATE: 10-02-2018
DRAWING NO.: C-1
SHEET 1 OF 10

LEGEND	
 STORM DRAIN MANHOLE  CATCH BASIN  SANITARY SEWER MANHOLE  GAS VALVE  GATE VALVE  FIRE HYDRANT  WATER METER  IRRIGATION CONTROL BOX  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  EXISTING WATERLINE  EXISTING LOID DOMESTIC WATERLINE (SIZE)  EXISTING LOID IRRIGATION LINE (SIZE)  EXISTING SANITARY SEWER  EXISTING GAS  EXISTING TELEPHONE  EXISTING FIBER OPTIC  EXISTING STORM DRAIN  EXISTING UG POWER  EXISTING CONCRETE/SIDEWALK  EXISTING CURB & GUTTER  REMOVAL OF BITUMINOUS SURFACE / TYPE "P" SURFACE RESTORATION AREA  PROPOSED CURB & GUTTER  PROPOSED WATERLINE	

GENERAL CONSTRUCTION NOTES

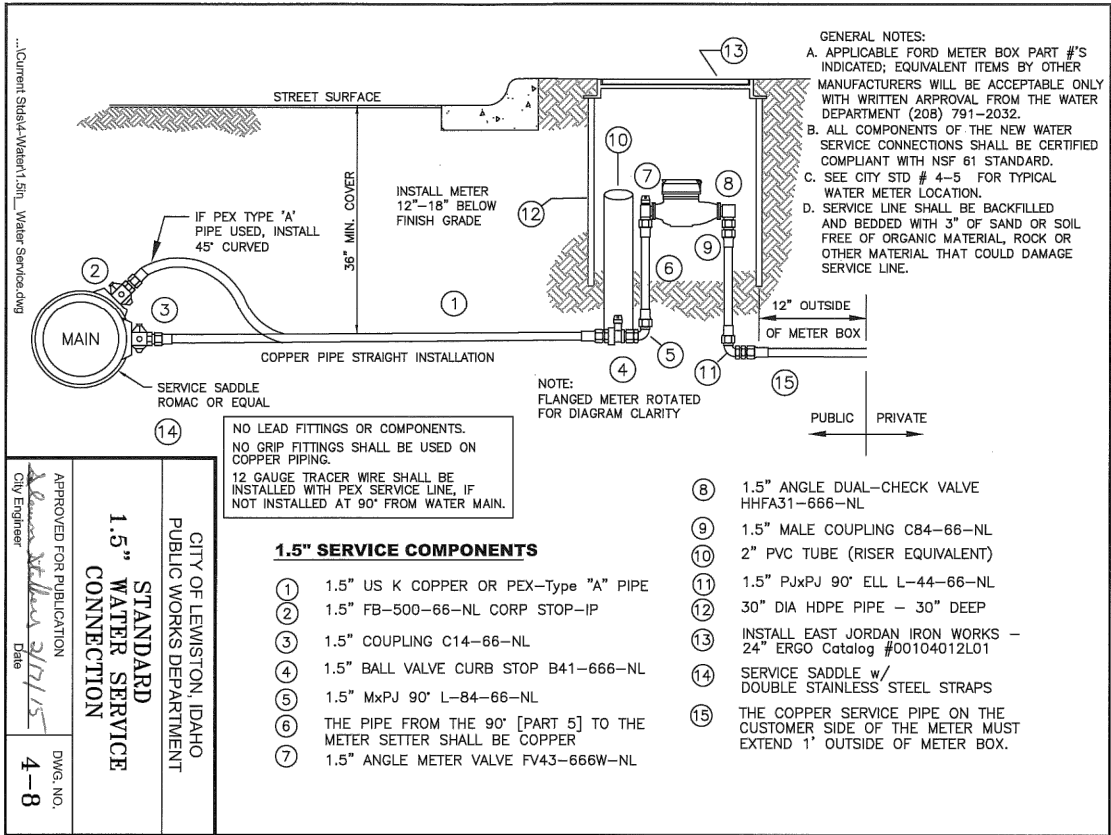
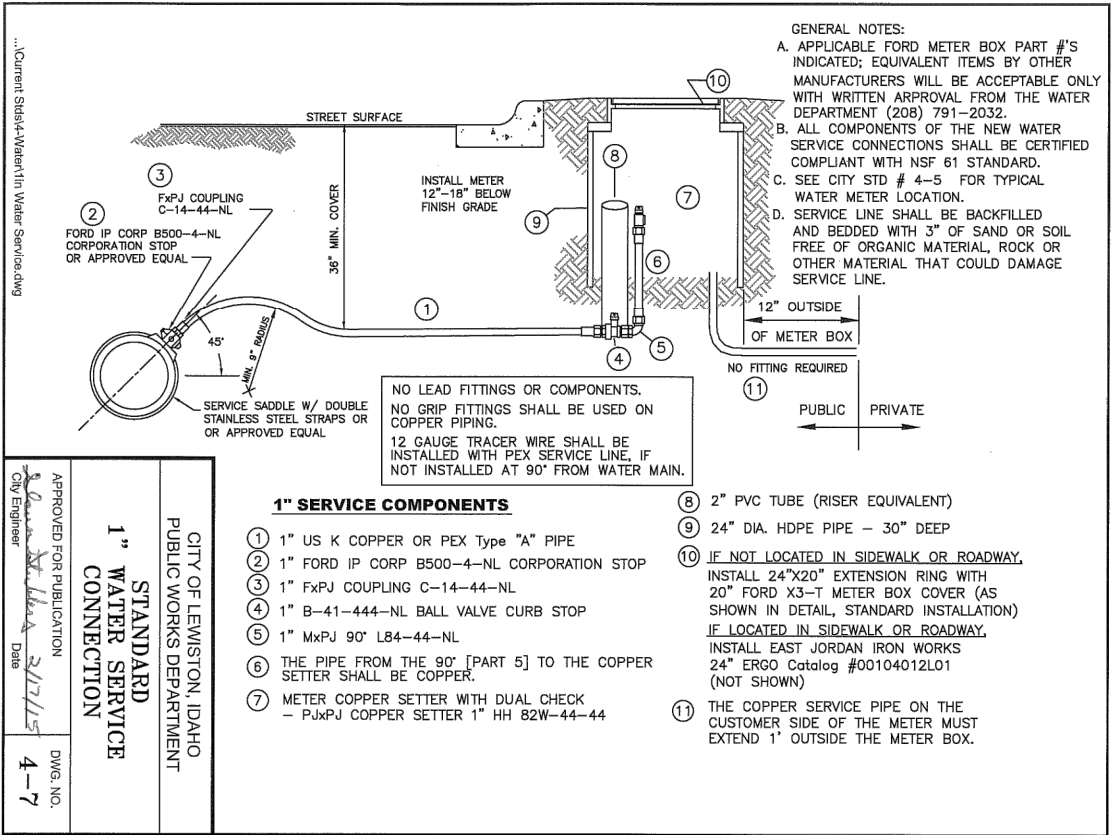
1. Utility locations shown are approximate. Contractor shall verify exact locations in field prior to excavation. Any utilities damaged during construction shall be repaired by the contractor or utility company, at the contractor's expense, to the satisfaction of the utility company. Contractors shall be responsible to contact the local one-call system at 811 at least two days prior to any digging.
2. All construction work shall conform to the City of Lewiston Standards and Specifications and the 2017 version of the Idaho Standards for Public Works Construction (ISPWC). In the case of conflict, the Project Plans and Technical Specifications will prevail over City Standards which will prevail over ISPWC.
3. Work subject to approval by any governmental agency must be approved prior to (A) backfilling trenches for pipe; (B) placing of aggregate base; (C) placing of concrete; (D) placing of asphalt paving. All newly installed stormwater and wastewater lines shall be videoed per Lewiston Public Works Policy #2012-2 prior to paving and prior to final payment.
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 and in accordance with the approved construction plans.
5. The Contractor shall promptly remove from the vicinity of the completed work, all rubbish, mud in streets, removed materials, all excess materials, construction equipment, temporary structures, and facilities used during construction. Final acceptance and final payment will be withheld until the Contractor has satisfactorily cleaned the site, including staging and waste areas as determined by Public Works Department.
6. Contractor shall maintain at least 1 access to properties whenever possible. Properties with driveways impacted by construction activities shall be notified of construction activities by the Contractor a minimum of 48 hours prior to beginning work.
7. Contractors shall be responsible for coordinating with affected franchise utilities during construction.
8. Contractor may encounter abandoned pipes, utilities, or other miscellaneous items during excavation; they are to be removed, incidental to related items unless otherwise listed in the plans.
9. Contractor shall be responsible to provide traffic control plans. These plans shall include consideration of pedestrian traffic, both to business entrances and along sidewalks.
10. The traffic control plan for each phase of construction shall be submitted to the Engineer at least ten working days before construction, and must be approved by the Engineer prior to beginning work.
11. Traffic control items and signs required to accommodate the specific construction situation, shall be included in the bid price. Signs, flaggers, channelization devices and other traffic control items shall be in accordance with the current Manual on Uniform Traffic Control Devices (MUTCD 2009) as adopted and modified by the state of Idaho.
12. Place channelization devices (cones, barrels, etc.) on the outside lane edge adjacent to the excavation area in accordance with the MUTCD. Place applicable signs (shoulder drop off, etc.) And warning devices as conditions warrant during construction.
13. Minimum allowable traffic lane width shall be 10 ft.
14. All Contractors working within the public road right-of-way are required to secure a right-of-way construction permit from the City of Lewiston at least twenty four (24) hours prior to any construction. The City will pay the ROW fee for this project.
15. All asphalt and concrete joints shall be saw cut unless specifically noted otherwise in the drawings.
16. All found public and private survey monuments including centerline monuments, section corners, property pins and reference monuments in the project area are to be shown on the construction plans, referenced before they are disturbed by construction, and reestablished prior to project completion per Idaho Code Title 55, Chapter 16. All public and private land survey monuments that will be disturbed by construction activities must be referenced by an Idaho licensed professional land surveyor prior to disturbance. All disturbed public and private monuments shall be reestablished by an Idaho licensed professional land surveyor before project completion. If monuments are found during construction that are not shown on the construction plans, the monuments must be referenced and reestablished 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 Recorder's office.
17. Contractor to maintain and preserve construction site drainage. Damage caused by weather will be the responsibility of the contractor. Cleanup and repair will be at the contractor's expense. It is the sole responsibility of the Contractor to prosecute the Work in a manner that protects private property and the Project area from flooding.

QUANTITY SUMMARY

Item	Bid Item	Description of Item		
No.	No.		Unit	Quantity
Division 200 - Earthwork				
1	201.4.1.C.1	Removal of Obstructions	EA	0
2	201.4.1.D.1B	Removal of Bituminous Surface	SY	1,493
3	201.4.1.E.1	Removal of Curb	LF	20
4	SP-201.A	Abandon Pipe In Place (Plug End)	EA	10
Division 300 - Trenching				
5	307.4.1.G.1	Main Line Type "P" Surface Restoration (Asphalt Roadway)	SY	1493
Division 400 - Water				
6	401.4.1.A.1B	Water Main Pipe - Size 6" - DI - Class 350	LF	72
7	401.4.1.A.1C	Water Main Pipe - Size 8" - DI - Class 350	LF	2,394
8	401.4.1.B.1	Water Main Fitting - Size _" - DI	EA	39
9	401.4.1.C.1B	Connect to Existing Main - 6"	EA	3
10	401.4.1.C.1B	Connect to Existing Main - 8"	EA	1
11	402.4.1.A.1C	Valve - Size 6"	EA	4
12	402.4.1.A.1C	Valve - Size 8"	EA	6
13	403.4.1.A.1	Hydrant	EA	4
14	404.4.1.B.1	Connect to Existing Service Pipe, Size _", Item	EA	33
15	404.4.1.C.1A	Water Service Pipe 3/4" or 1"	LF	215
	SP-404C	Remove Inactive Water Service	EA	0
16	SP-404A	Potable Water Main Crossing	EA	1
Division 500 – Sewer				
17	SP-507B	Sanitary Sewer Main Crossing	EA	5
Division 700 - Concrete				
18	706.4.1.A.5	Standard 6-inch Vertical Curb & Gutter	LF	25
Division 800 - Aggregates and Asphalt				
	810.4.4.A.5	Miscellaneous Paving	SY	0
Division 1000 - Construction Stormwater BMPs				
	1001.4.1.A.1	Sediment Control	LS	1
	1001.4.2.A.1	Staging area	EA	1
	1001.4.2.B.1	Stabilized Construction Entrance	EA	1
	1006.4.1.C.1	Inlet Protection	EA	4
Division 2000 – Miscellaneous				
	2010.4.1.A.1	Mobilization	LS	1
	SP-2000A	Project Quality Control	LS	1

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								CHECKED BY: ????	
								SHEET SET: MAYFAIR	
NO.	DATE	DESCRIPTION		BY		215 "D" Street, Lewiston, ID 83501-1930 Phone: 208-746-1316 Fax: 208-746-5595		LEGEND , GENERAL NOTES & QUANTITY SUMMARY	DATE: 10-02-2018
		00% SUBMITTAL							DRAWING NO.: C-2
									SHEET 2 OF 10

SCALE:	N/A
DESIGNED BY:	B.D.S.
DRAWN BY:	B.D.S.
CHECKED BY:	???
SHEET SET:	MAYFAIR
DATE:	10-02-2018
DRAWING NO.:	C-3
SHEET	3 OF 10



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MAYFAIR ADDITION

DETAILS

SCALE: N/A
DESIGNED BY: B.D.S.
DRAWN BY: B.D.S.
CHECKED BY: ???
SHEET SET: MAYFAIR
DATE: 10-02-2018
DRAWING NO.: C-4
SHEET 4 OF 10

QUANTITY

		Fitting Table						Appurtenance Table								
		TAG	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING	CL. ELEV.	TAG	STATION	OFFSET	DESCRIPTOPN	NORTHING	EASTING	CL. ELEV.	
1160		F-1	0+10.00	1.14	6" MJ COUPLER	1724664.85	2303650.81	1140.01	A-1	0+12.29	0.00	8" FL x MJ GV	1724663.49	2303648.65	1140.12	1160
		F-2	0+10.00	-1.17	6" MJ COUPLER	1724662.56	2303651.05	1140.24	A-2	0+64.35	-1.25	6" FL x MJ GV	1724645.91	2303605.12	1137.50	
		F-3	0+10.00	0.00	6" x 6" MJ x FL TEE	1724663.72	2303650.93	1140.12	A-3	0+64.35	-18.00	6' BURY HYDRANT	1724636.96	2303619.28	1138.50	
		F-4	0+11.14	0.00	8" x 6" REDUCER	1724663.61	2303649.80	1140.12	A-4	0+78.71	1.50	8" FL x MJ GV	1724635.24	2303595.12	1137.00	
1155		F-5	0+48.28	0.01	8" MJ 22 ELL	1724659.85	2303612.85	1138.00	A-5	4+64.02	-1.23	6" FL x MJ GV	1724266.59	2303500.74	1152.21	1155
		F-6	0+50.20	0.00	8" MJ 11 ELL	1724658.55	2303611.62	1138.00	A-6	4+64.02	-20.98	6' BURY HYDRANT	1724263.23	2303520.20	1152.70	
		F-7	0+64.35	0.00	8" x 6" MJ x FL TEE	1724646.58	2303604.06	1137.50								
		F-8	0+78.71	0.00	8" x 8" MJ x FL TEE	1724634.44	2303596.39	1137.00								
1150		F-9	0+78.71	13.49	8" MJ 11 ELL	1724641.65	2303584.99	1134.20								
		F-10	0+78.92	14.56	8" MJ COUPLER	1724642.03	2303583.97	1134.20								
		F-11	1+64.86	0.00	8" MJ 22 ELL	1724561.60	2303550.37	1138.00								
		F-12	4+64.02	0.00	8" X 6" MJ x FL TEE	1724266.80	2303499.53	1152.19								

EXISTING GRADE

MINIMUM COVER
4' BELOW E.G.

W.S.C. = 3+95
2943 MAYFAIR DR.
1" COPPER
7' L.F.

W.S.C. = 2+88
2931 MAYFAIR DR.
1" COPPER
7' L.F.

W.S.C. = 1+68
2921 MAYFAIR DR.
1" COPPER
8' L.F.

STORM SEWER CROSSING
STA: 1+53
BOTTOM OF PIPE=1139.2±
12" ALUM CMP

EX. WATER CROSSING
STA: 0+57±
6" PVC CL-160

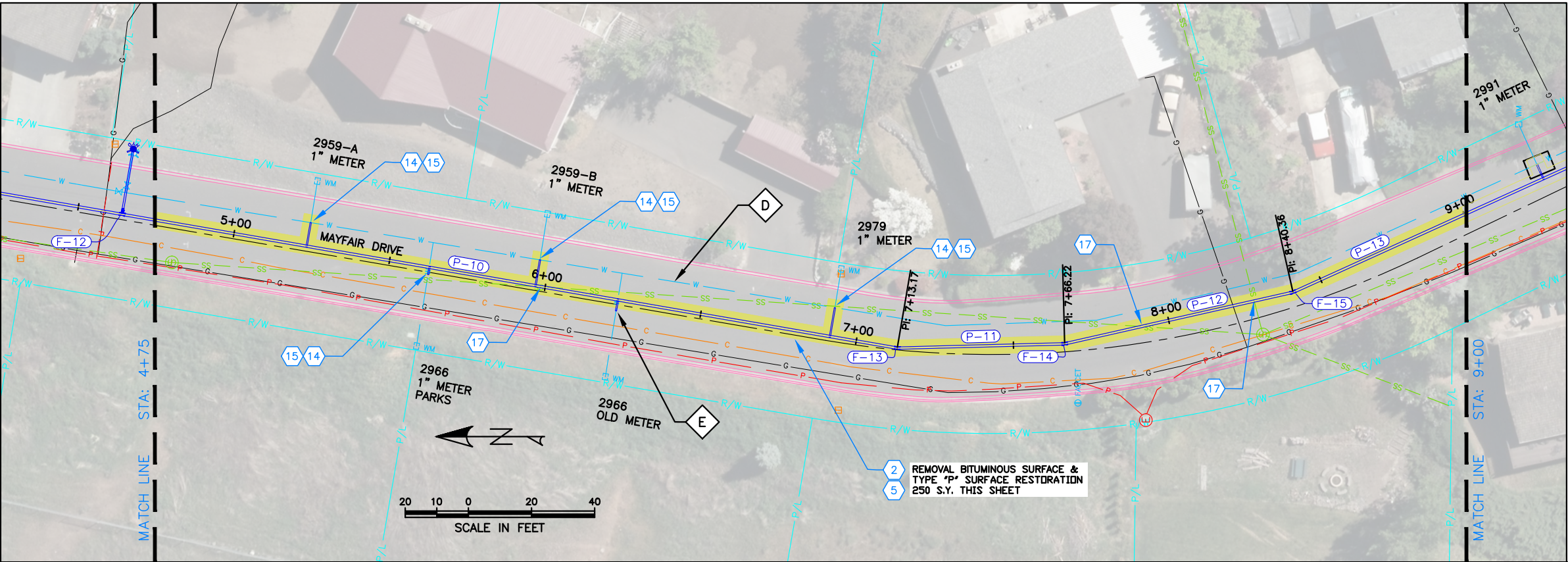
EX. WATER CROSSING
STA: 1+46±
6" PVC CL-160

SAN. SEWER CROSSING
STA: 0+59
TOP OF PIPE=1135.6±
8" CONC.

(F-3)
(A-1)
(P-1)
(F-4)
(F-5)
(F-6)
(P-2)
(P-3)
(P-5)
(P-7)
(F-7)
(F-8)
(F-11)
(P-8)
(F-12)

Pressure Pipe Table		
TAG	Length	DESCRIPTION
P-1	35.40	8" DI Class 350
P-2	0.92	8" DI Class 350
P-3	12.99	8" DI Class 350
P-4	16.20	6" DI Class 350
P-5	13.19	8" DI Class 350
P-6	11.12	8" DI Class 350
P-7	85.28	8" DI Class 350
P-8	298.28	8" DI Class 350
P-9	19.21	6" DI Class 350

SHEET 5 OF 10



NOTES

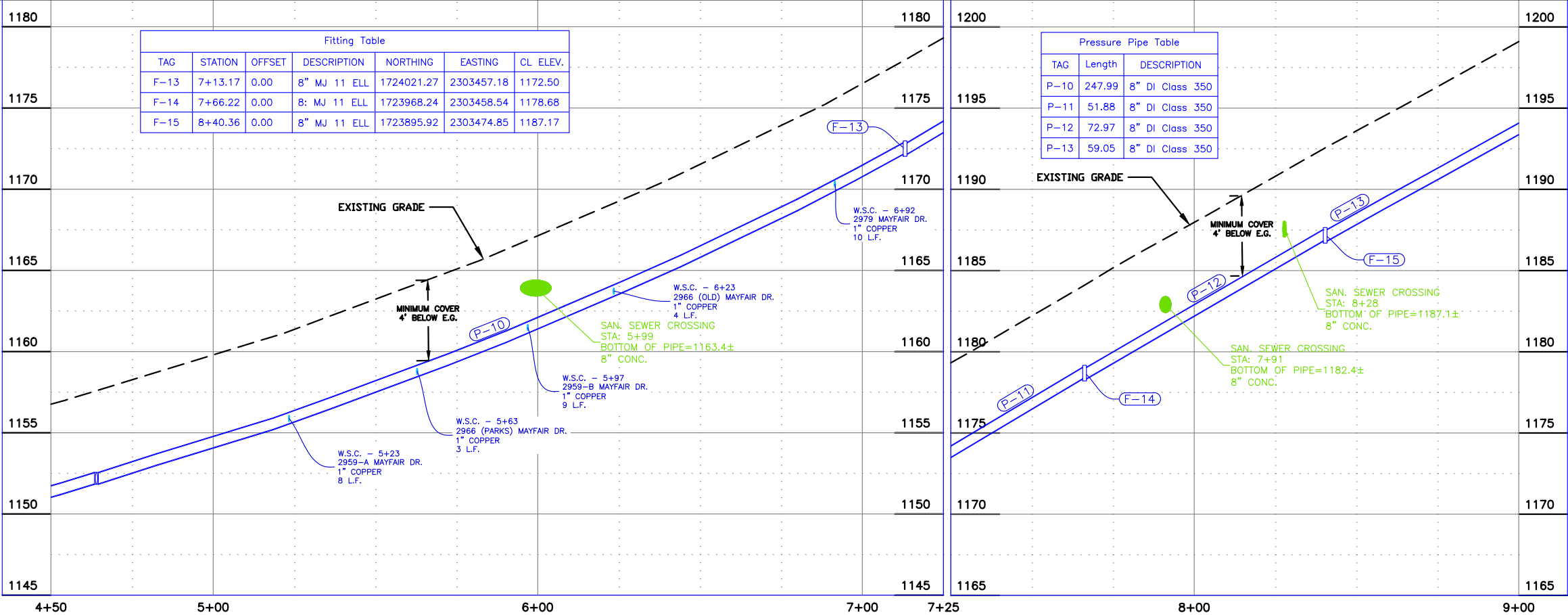
1. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
2. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

- A Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.
- B Connect to existing main as directed by project engineer.
- C Install Hydrant as Directed by project engineer.
- D Abandon existing 6" waterline in place.
- E Abandon inactive service lines in place.

PAY ITEMS QUANTITY

- 1 Removal of Obstruction, Ea., Item 201.4.1.C.1 0 EA.
- 2 Removal of Bituminous Surface, Item 201.4.1.D.1B 250 S.Y.
- 3 Removal of Curb, Item 201.4.1.E.1 0 L.F.
- 4 Cut and Plug Existing Water Main, (Plug End), Item SP-201.A 0 EA.
- 5 Mainline Type "P" Surface Restoration (Asphalt Roadway), Item 307.4.1.G.1 250 S.Y.
- 6 Water Main Pipe - 6" DI Type, Item 401.4.1.A.1A 0 L.F.
- 7 Water Main Pipe - 8" DI Type, Item 401.4.1.A.1B 432 L.F.
- 8 Water Main Fitting - (See Fitting Table this sheet), Item 402.4.1.B.1 3 EA.
- 9 Connect to Existing Main - 6", Item 401.4.1.C.1A 0 EA.
- 10 Connect to Existing Main - 8", Item 401.4.1.C.1B 0 EA.
- 11 Valve - Size 6", Item 402.4.1.A.1A 0 EA.
- 12 Valve - Size 8", Item 402.4.1.A.1B 0 EA.
- 13 Hydrant, (See Fitting Table this sheet) Item 403.4.1.A.1 0 EA.
- 14 Connect to Existing Service Pipe, Size 1", Item 404.4.1.B.1 4 EA.
- 15 Water Service Pipe 1", (See Profile this sheet for length), Item 404.4.1.C.1A 30 L.F.
- 16 Potable Water Main Crossing, Item SP-404A 0 EA.
- 17 Sewer Main Crossing, Item SP-507B 3 EA.
- 18 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5 5 L.F.



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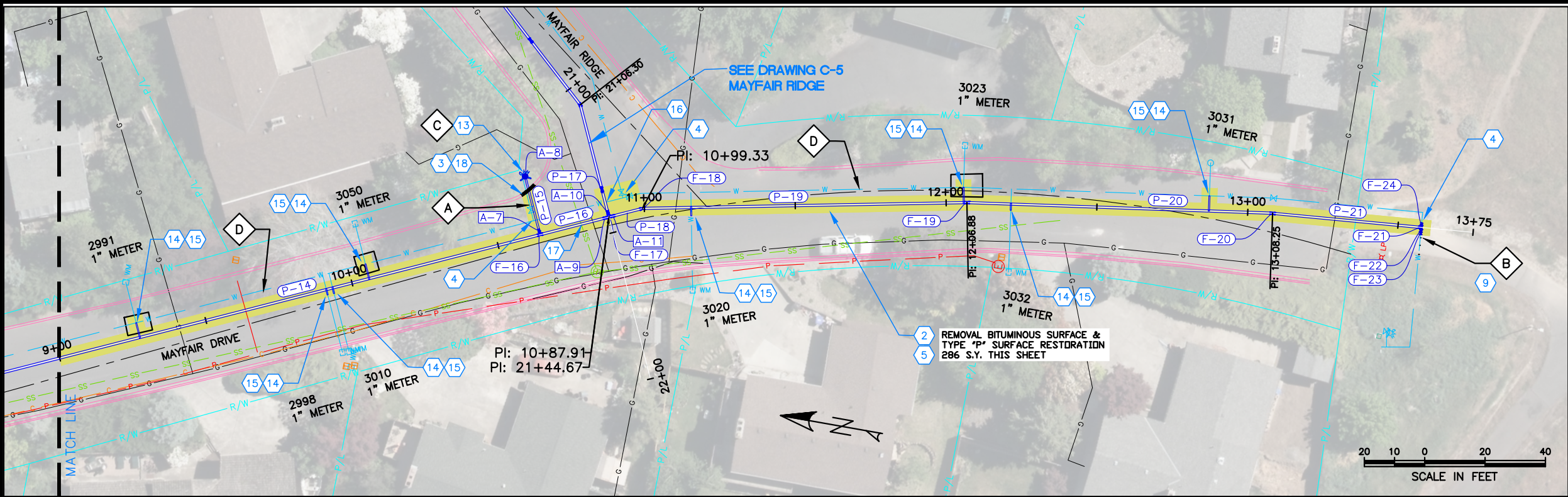
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CI 160 WATERLINE REPLACEMENT
MAYFAIR ADDITION

MAYFAIR DRIVE PLAN & PROFILE

SCALE: 1" = 40'
DESIGNED BY: B.D.S.
DRAWN BY: B.D.S.
CHECKED BY: ???
SHEET SET: MAYFAIR
DATE: 10-02-2018
DRAWING NO.: C-6
SHEET 6 OF 10

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NOTES

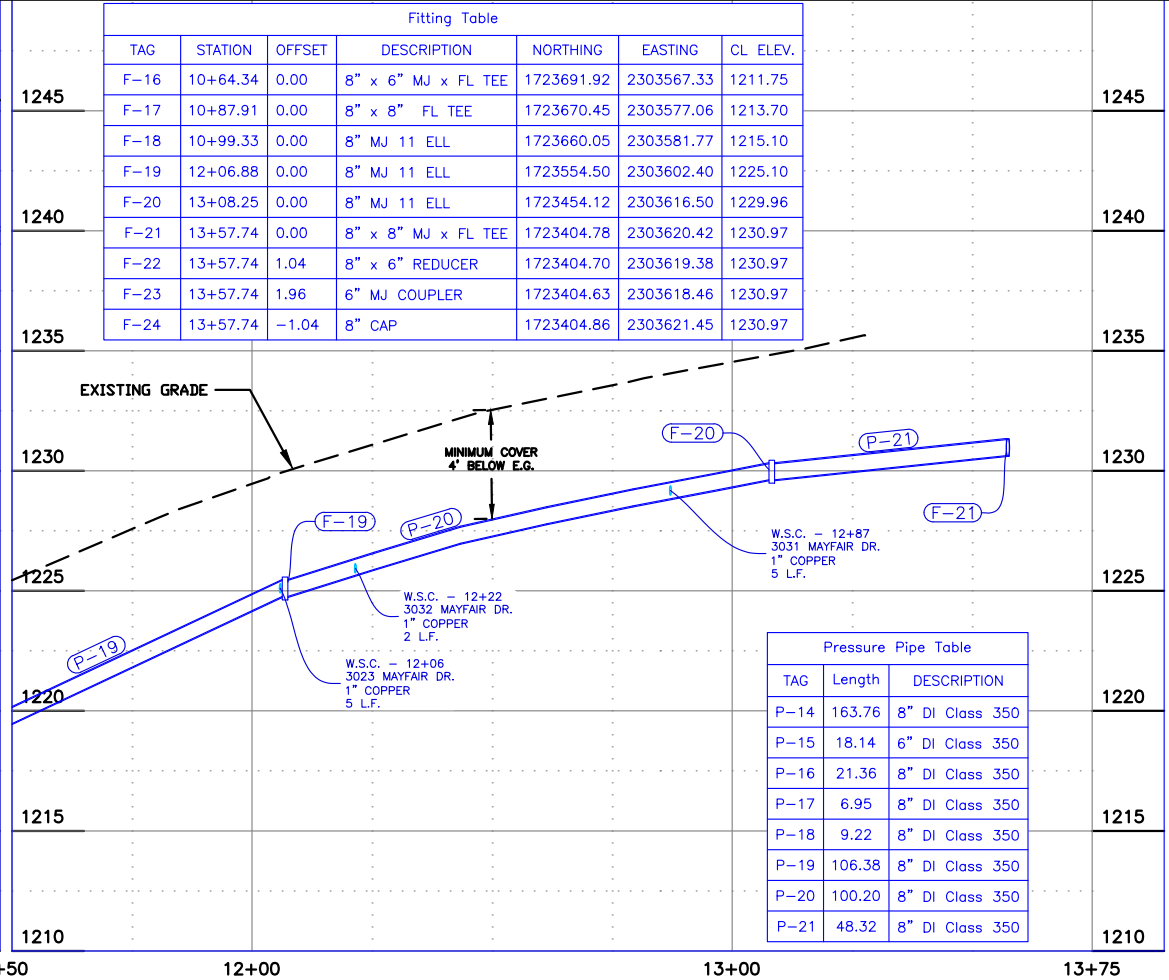
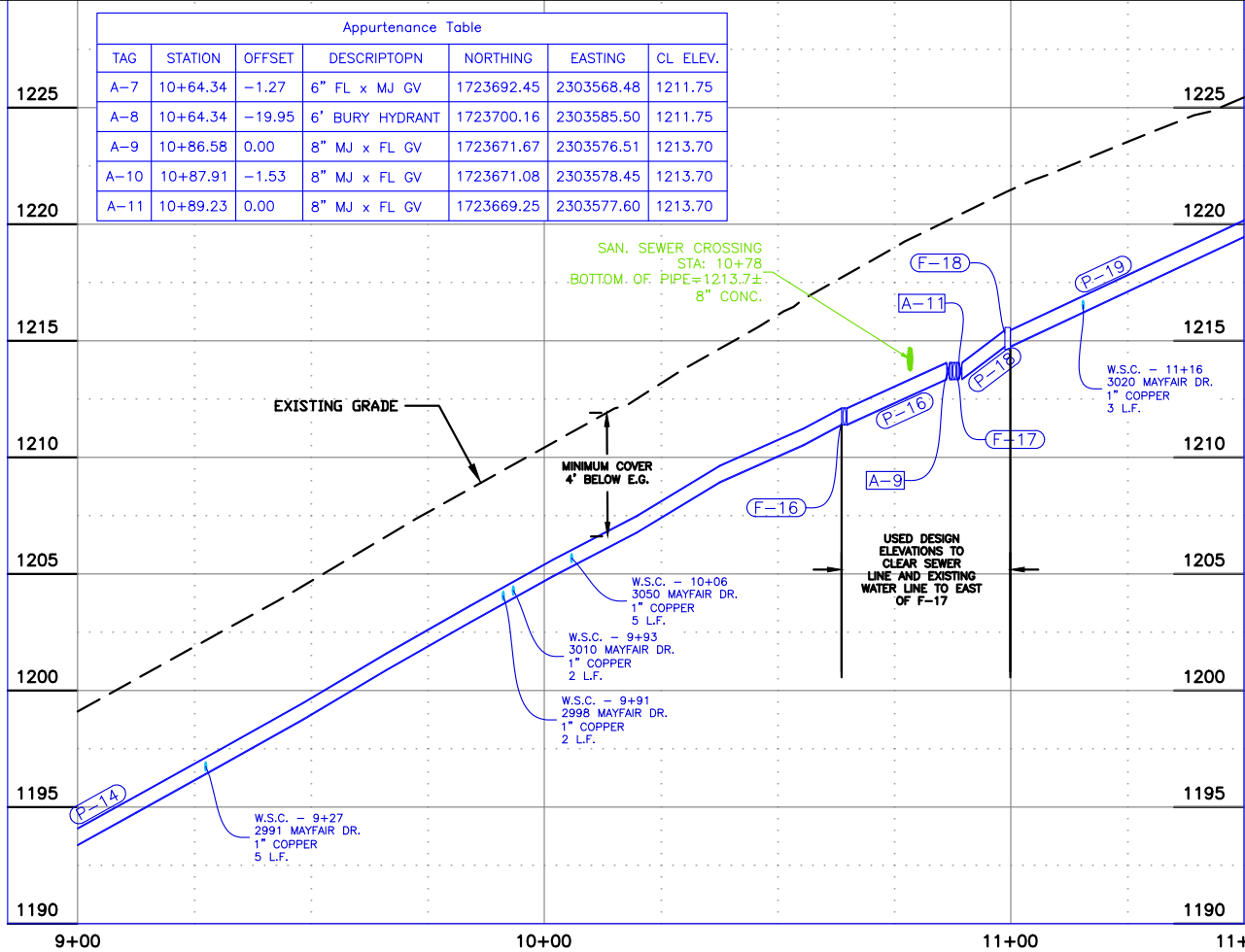
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PAY ITEMS QUANTITY

- 1** Removal of Obstruction, Ea., Item 201.4.1.C.1 0 EA.
- 2** Removal of Bituminous Surface, Item 201.4.1.D.1B 286 S.Y.
- 3** Removal of Curb, Item 201.4.1.E.1 5 L.F.
- 4** Cut and Plug Existing Water Main, (Plug End), Item SP-201.A 3 EA.
- 5** Mainline Type "P" Surface Restoration (Asphalt Roadway), Item 307.4.1.G.1 286 S.Y.
- 6** Water Main Pipe - 6" DI Type, Item 401.4.1.A.1A 18 L.F.
- 7** Water Main Pipe - 8" DI Type, Item 401.4.1.A.1B 455 L.F.
- 8** Water Main Fitting - (See Fitting Table this sheet), Item 402.4.1.B.1 9 EA.
- 9** Connect to Existing Main - 6", Item 401.4.1.C.1A 1 EA.
- 10** Connect to Existing Main - 8", Item 401.4.1.C.1B 0 EA.
- 11** Valve - Size 6", Item 402.4.1.A.1A 1 EA.
- 12** Valve - Size 8", Item 402.4.1.A.1B 3 EA.
- 13** Hydrant, (See Fitting Table this sheet) Item 403.4.1.A.1 1 EA.
- 14** Connect to Existing Service Pipe, Size 1", Item 404.4.1.B.1 8 EA.
- 15** Water Service Pipe 1", (See Profile this sheet for length), Item 404.4.1.C.1A 29 L.F.
- 16** Potable Water Main Crossing, Item SP-404A 1 EA.
- 17** Sewer Main Crossing, Item SP-507B 1 EA.
- 18** Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5 5 L.F.



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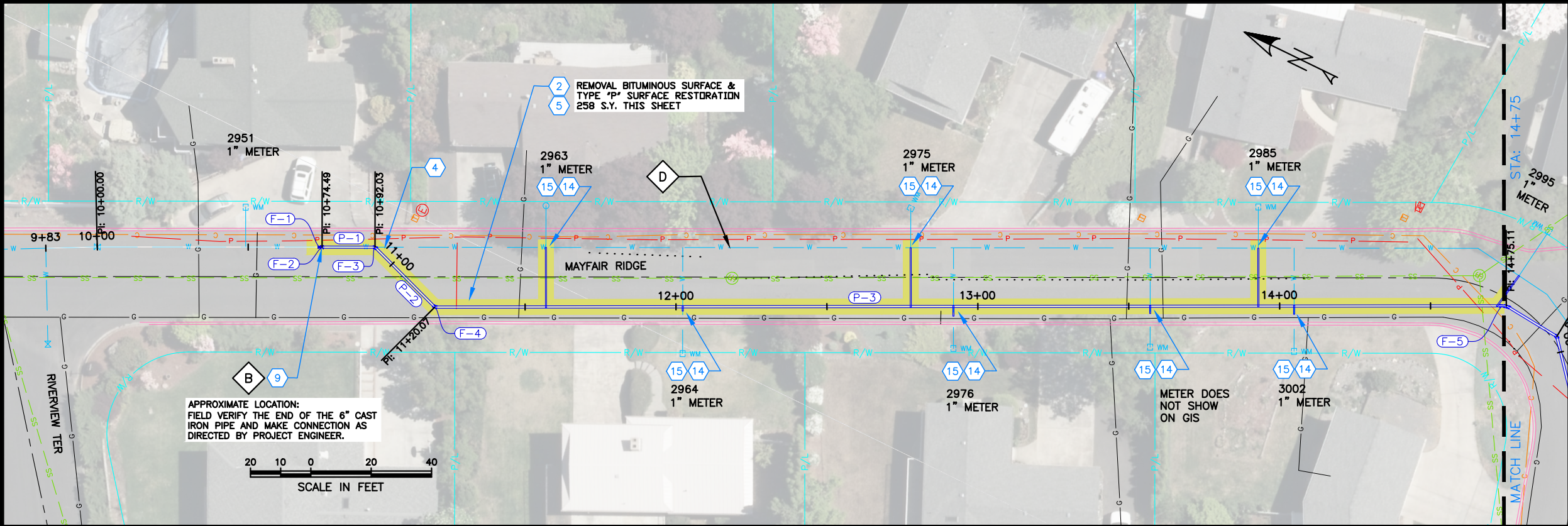
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SHEET 7 OF 10

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NOTES

1. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
2. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

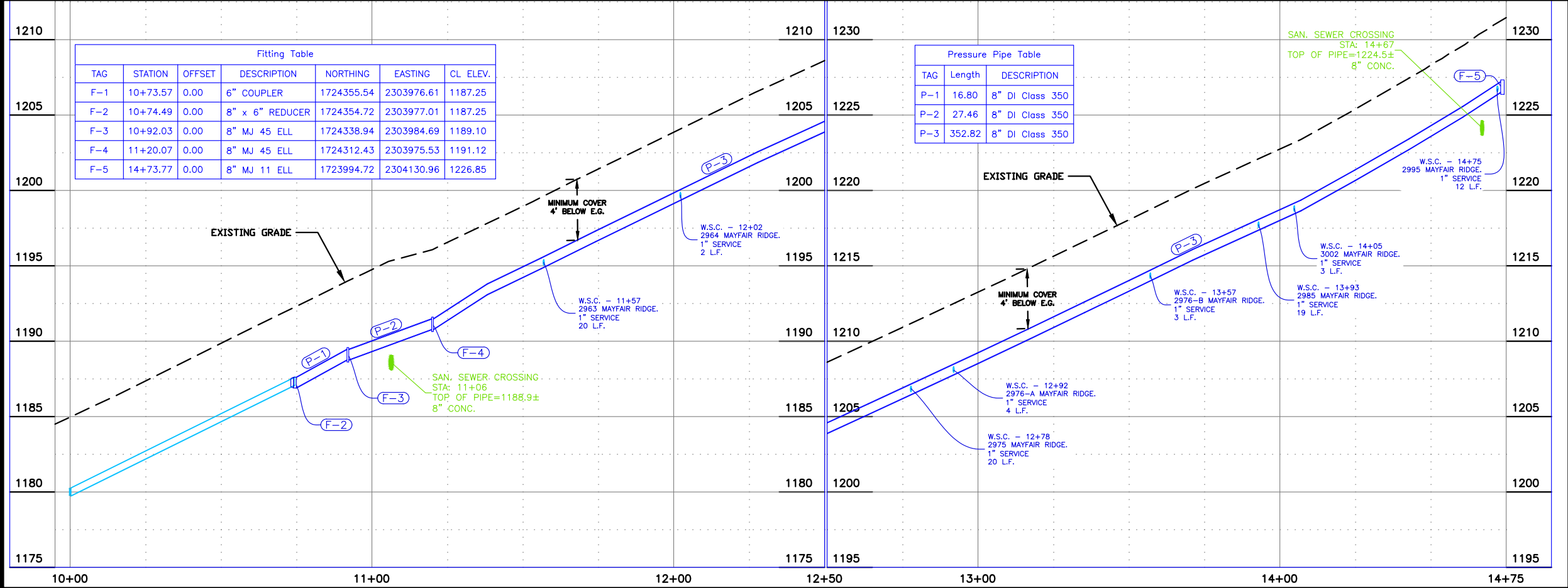
SPECIAL NOTES

- A Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.
- B Connect to existing main as directed by project engineer.
- C Install Hydrant as Directed by project engineer.
- D Abandon existing 6" waterline in place.
- E Abandon inactive service lines in place.

PAY ITEMS

QUANTITY

- | | |
|--|----------|
| 1 Removal of Obstruction, Ea., Item 201.4.1.C.1 | 0 EA. |
| 2 Removal of Bituminous Surface, Item 201.4.1.D.1B | 258 S.Y. |
| 3 Removal of Curb, Item 201.4.1.E.1 | 0 L.F. |
| 4 Cut and Plug Existing Water Main, (Plug End), Item SP-201A | 1 EA. |
| 5 Mainline Type "P" Surface Restoration (Asphalt Roadway), Item 307.4.1.G.1 | 258 S.Y. |
| 6 Water Main Pipe - 6" DI Type, Item 401.4.1.A.1A | 0 L.F. |
| 7 Water Main Pipe - 8" DI Type, Item 401.4.1.A.1B | 397 L.F. |
| 8 Water Main Fitting - (See Fitting Table this sheet), Item 402.4.1.B.1 | 5 EA. |
| 9 Connect to Existing Main - 6", Item 401.4.1.C.1A | 1 EA. |
| 10 Connect to Existing Main - 8", Item 401.4.1.C.1B | 0 EA. |
| 11 Valve - Size 6", Item 402.4.1.A.1A | 0 EA. |
| 12 Valve - Size 8", Item 402.4.1.A.1B | 0 EA. |
| 13 Hydrant, (See Fitting Table this sheet) Item 403.4.1.A.1 | 0 EA. |
| 14 Connect to Existing Service Pipe, Size 1", Item 404.4.1.B.1 | 8 EA. |
| 15 Water Service Pipe 1", (See Profile this sheet for length), Item 404.4.1.C.1A | 83 L.F. |
| 16 Potable Water Main Crossing, Item SP-404A | 0 EA. |
| 17 Sewer Main Crossing, Item SP-507B | 0 EA. |
| 18 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5 | 0 L.F. |



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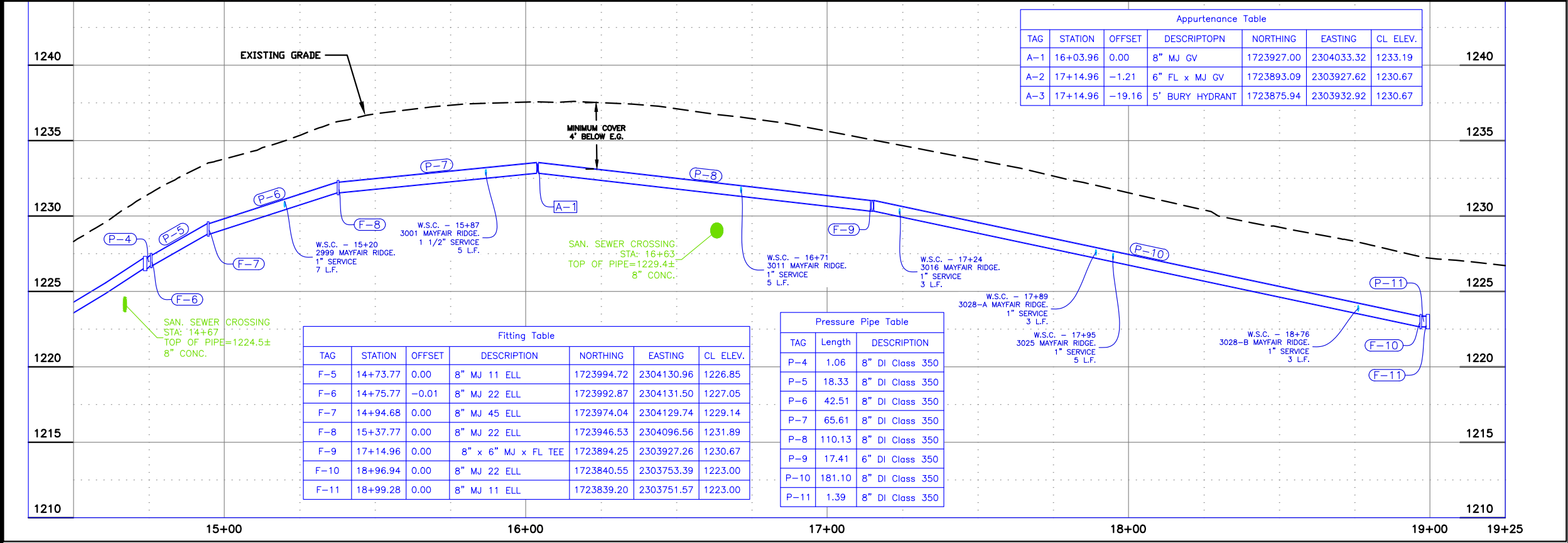
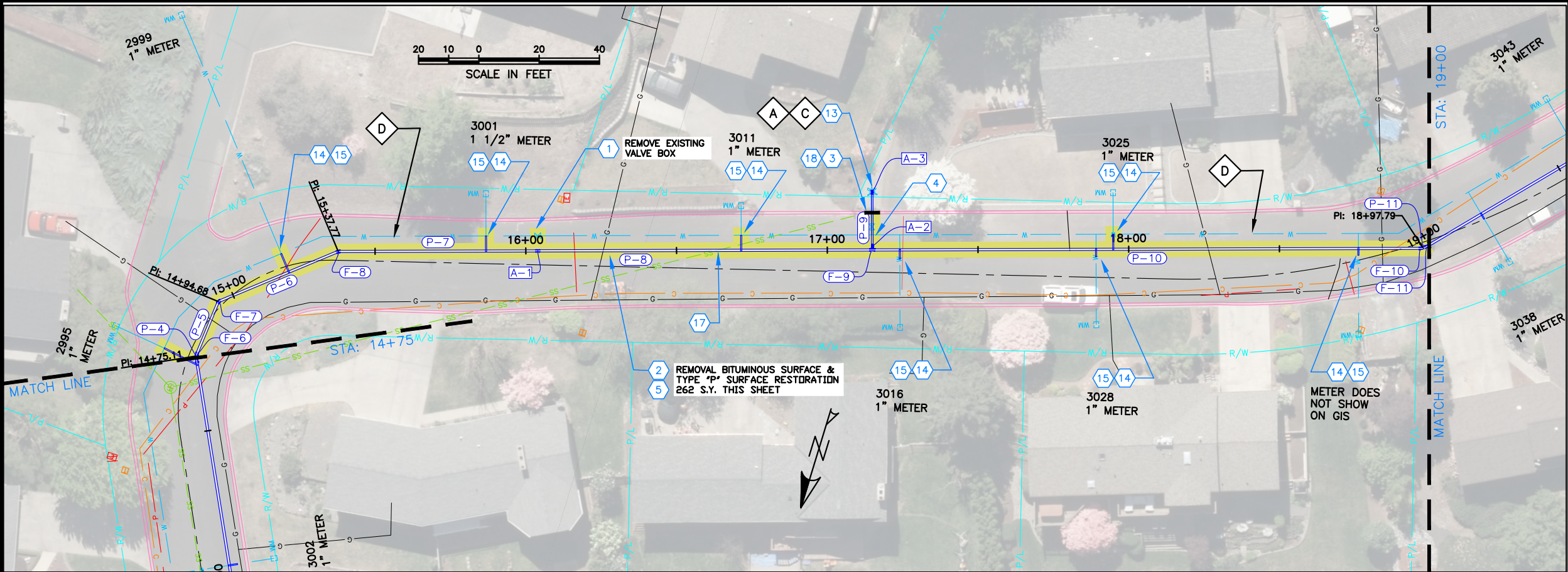
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PRELIMINARY
CONSTRUCTION

CI 160 WATERLINE REPLACEMENT
MAYFAIR ADDITION

MAYFAIR RIDGE PLAN PROFILE

SCALE: 1" = 40'
DESIGNED BY: B.D.S.
DRAWN BY: B.D.S.
CHECKED BY: ???
SHEET SET: MAYFAIR
DATE: 10-02-2018
DRAWING NO.: C-8
SHEET 8 OF 10

File Name C:\Team Drives\Public Works\Capital\AutoCAD Testing\Mayfair CL-160.dwg\Production Drawings\MF-RDG-2.dwg Printed 10/3/2018 10:15 AM By Bruce Stewart



NOTES

1. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
2. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

- A Remove existing pipe. Removal is incidental to the new components and no separate payment will be made.
- B Connect to existing main as directed by project engineer.
- C Install Hydrant as Directed by project engineer.
- D Abandon existing 6" waterline in place.
- E Abandon inactive service lines in place.

PAY ITEMS

	QUANTITY
1 Removal of Obstruction, Ea., Item 201.4.1.C.1	0 EA.
2 Removal of Bituminous Surface, Item 201.4.1.D.1B	262 S.Y.
3 Removal of Curb, Item 201.4.1.E.1	5 L.F.
4 Cut and Plug Existing Water Main, (Plug End), Item SP-201A	1 EA.
5 Mainline Type "P" Surface Restoration (Asphalt Roadway), Item 307.4.1.G.1	262 S.Y.
6 Water Main Pipe - 6" DI Type, Item 401.4.1.A.1A	18 L.F.
7 Water Main Pipe - 8" DI Type, Item 401.4.1.A.1B	420 L.F.
8 Water Main Fitting - (See Fitting Table this sheet), Item 402.4.1.B.1	7 EA.
9 Connect to Existing Main - 6", Item 401.4.1.C.1A	0 EA.
10 Connect to Existing Main - 8", Item 401.4.1.C.1B	0 EA.
11 Valve - Size 6", Item 402.4.1.A.1A	1 EA.
12 Valve - Size 8", Item 402.4.1.A.1B	1 EA.
13 Hydrant, (See Fitting Table this sheet) Item 403.4.1.A.1	1 EA.
14 Connect to Existing Service Pipe, Size 1", Item 404.4.1.B.1	7 EA.
15 Water Service Pipe 1", (See Profile this sheet for length), Item 404.4.1.C.1A	31 L.F.
16 Potable Water Main Crossing, Item SP-404A	0 EA.
17 Sewer Main Crossing, Item SP-507B	0 EA.
18 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5	5 L.F.

REVISIONS			
NO.	DATE	DESCRIPTION	BY
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215 "D" Street, Lewiston, ID 83501-1930
Phone: 208-746-1316 Fax: 208-746-5595

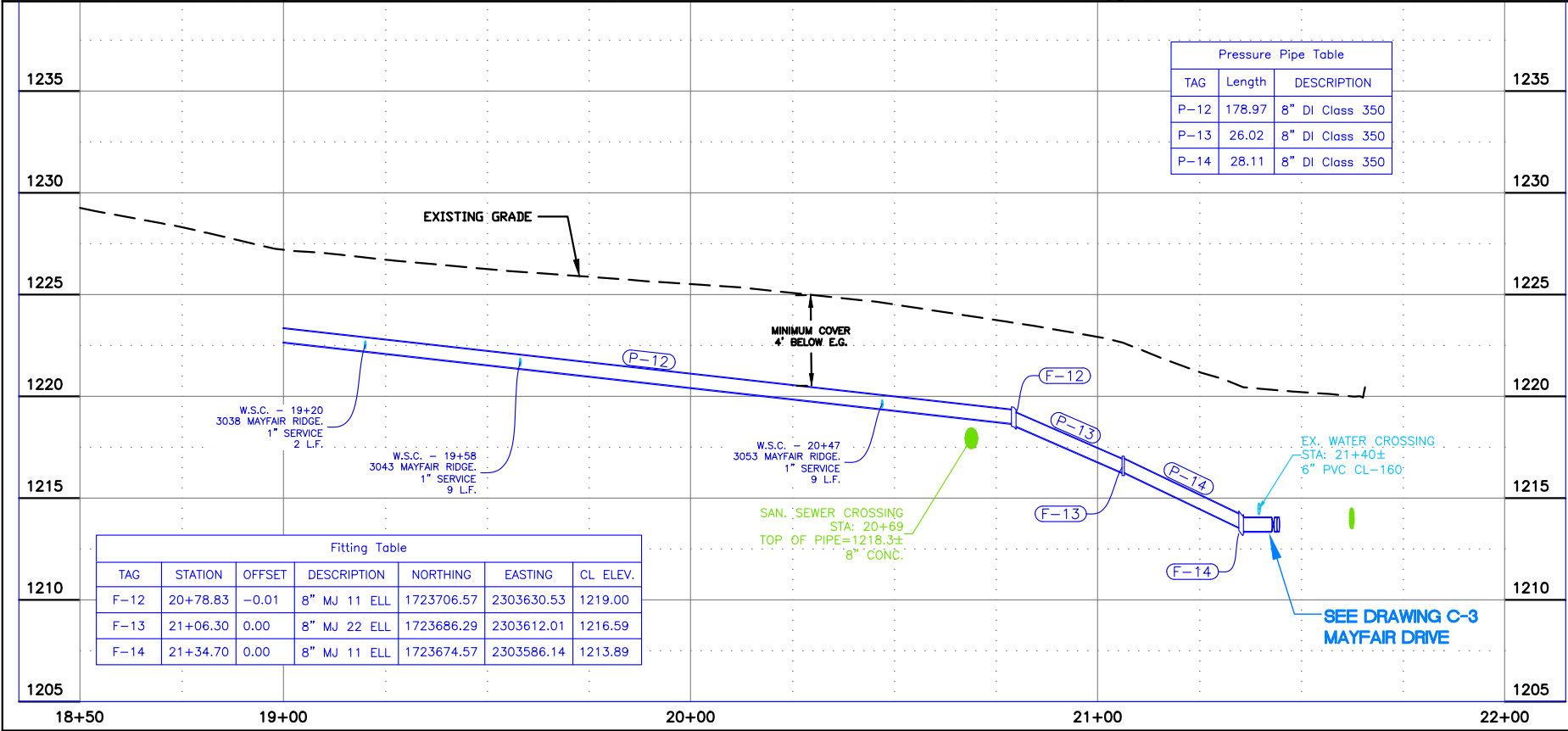
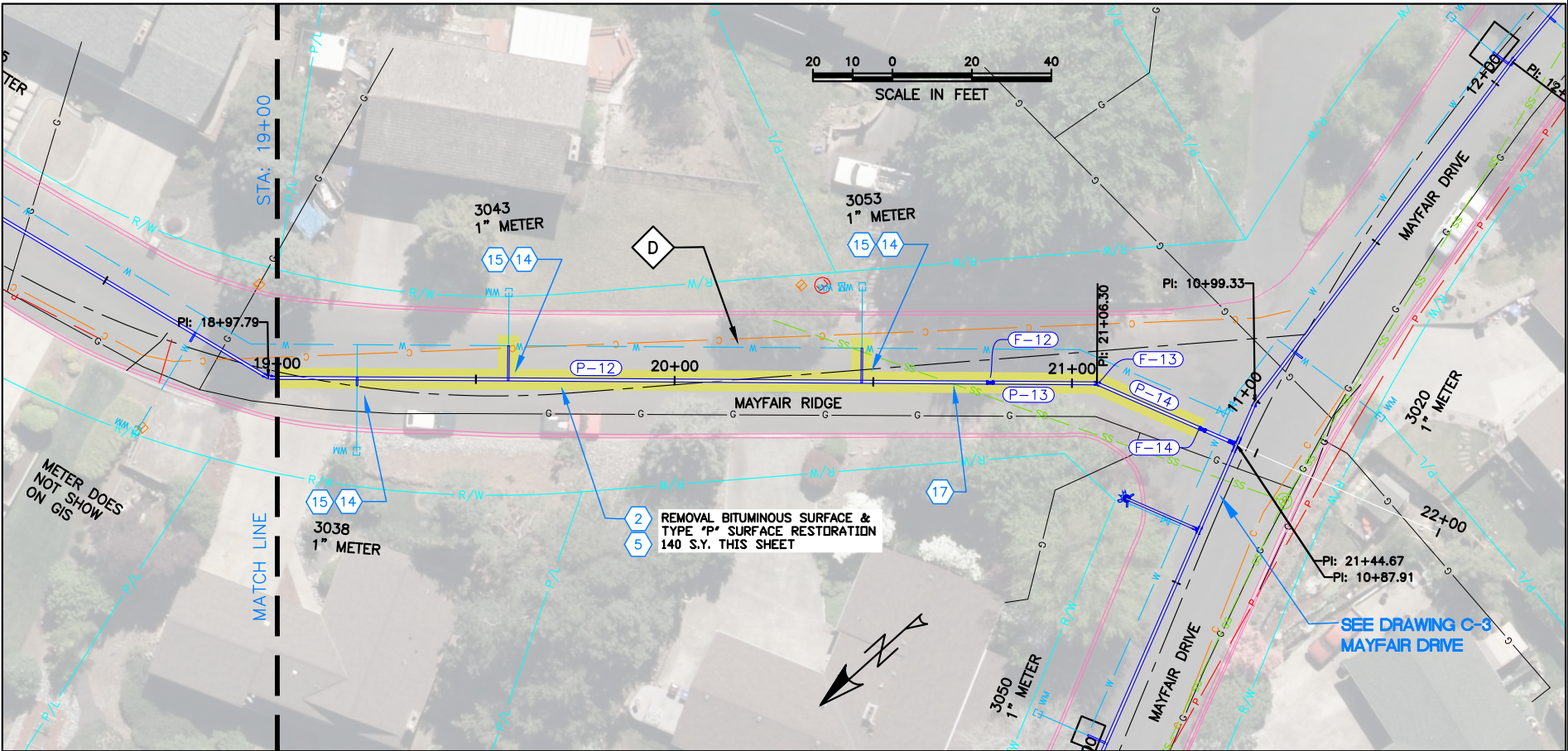
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CI 160 WATERLINE REPLACEMENT
MAYFAIR ADDITION

MAYFAIR RIDGE PLAN & PROFILE

SCALE: 1" = 40'
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CHECKED BY: ???
SHEET SET: MAYFAIR
DATE: 10-02-2018
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SHEET 9 OF 10

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NOTES

1. ALL QUANTITIES ARE PLAN SHEET QUANTITIES BETWEEN MATCHLINES.
2. CURB & GUTTER, SIDEWALK, MANHOLES AND UTILITIES NOT SHOWN TO BE REMOVED OR ABANDONED SHALL BE PRESERVED AND PROTECTED IN PLACE.

SPECIAL NOTES

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- C Install Hydrant as Directed by project engineer.
- D Abandon existing 6" waterline in place.
- E Abandon inactive service lines in place.

PAY ITEMS QUANTITY

- 1 Removal of Obstruction, Ea., Item 201.4.1.C.1 0 EA.
- 2 Removal of Bituminous Surface, Item 201.4.1.D.1B 140 S.Y.
- 3 Removal of Curb, Item 201.4.1.E.1 0 L.F.
- 4 Cut and Plug Existing Water Main, (Plug End), Item SP-201.A 0 EA.
- 5 Mainline Type "P" Surface Restoration (Asphalt Roadway), Item 307.4.1.G.1 140 S.Y.
- 6 Water Main Pipe - 6" DI Type, Item 401.4.1.A.1A 0 L.F.
- 7 Water Main Pipe - 8" DI Type, Item 401.4.1.A.1B 233 L.F.
- 8 Water Main Fitting - (See Fitting Table this sheet), Item 402.4.1.B.1 3 EA.
- 9 Connect to Existing Main - 6", Item 401.4.1.C.1A 0 EA.
- 10 Connect to Existing Main - 8", Item 401.4.1.C.1B 0 EA.
- 11 Valve - Size 6", Item 402.4.1.A.1A 0 EA.
- 12 Valve - Size 8", Item 402.4.1.A.1B 0 EA.
- 13 Hydrant, (See Fitting Table this sheet) Item 403.4.1.A.1 0 EA.
- 14 Connect to Existing Service Pipe, Size 1", Item 404.4.1.B.1 3 EA.
- 15 Water Service Pipe 1", (See Profile this sheet for length), Item 404.4.1.C.1A 20 L.F.
- 16 Potable Water Main Crossing, Item SP-404A 0 EA.
- 17 Sewer Main Crossing, Item SP-507B 1 EA.
- 18 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5 0 L.F.

REVISIONS			
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CI 160 WATERLINE REPLACEMENT
MAYFAIR ADDITION

MAYFAIR RIDGE PLAN & PROFILE

SCALE: 1" = 40'
DESIGNED BY: B.D.S.
DRAWN BY: B.D.S.
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SHEET SET: MAYFAIR
DATE: 10-02-2018
DRAWING NO.: C-10
SHEET 10 OF 10