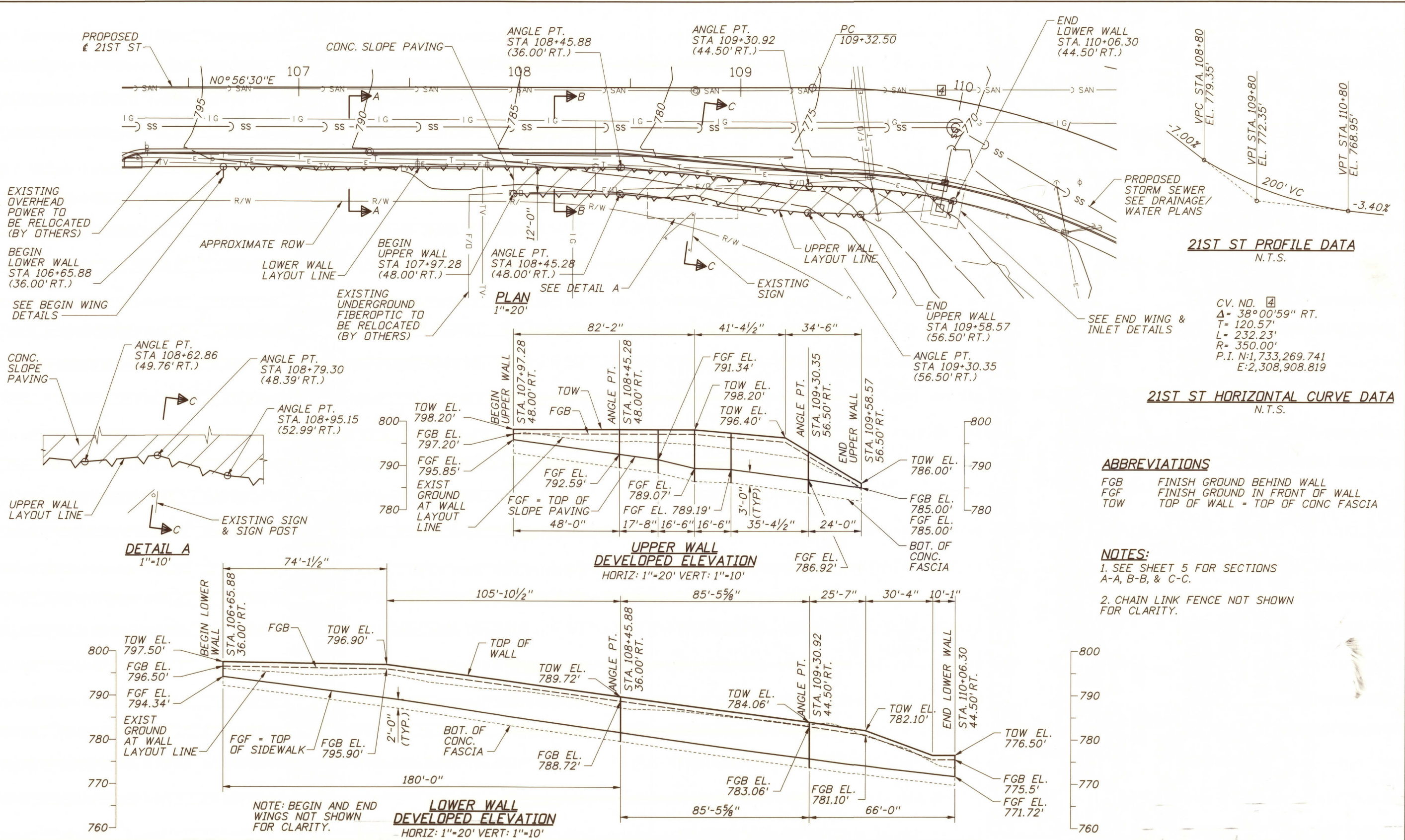


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21ST ST PROFILE DATA  
N.T.S.

CV. NO. 4  
 $\Delta = 38^{\circ}00'59''$  RT.  
 $T = 120.57'$   
 $L = 232.23'$   
 $R = 350.00'$   
 $P.I. = 1,733,269.741$   
 $E = 2,308,908.819$

21ST ST HORIZONTAL CURVE DATA  
N.T.S.

**ABBREVIATIONS**

- FGB FINISH GROUND BEHIND WALL
- FGF FINISH GROUND IN FRONT OF WALL
- TOW TOP OF WALL - TOP OF CONC. FASCIA

**NOTES:**

1. SEE SHEET 5 FOR SECTIONS A-A, B-B, & C-C.
2. CHAIN LINK FENCE NOT SHOWN FOR CLARITY.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED <b>S. BROWN</b>	SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY
DESIGN CHECKED <b>D. MCINTIER</b>	CADD FILE NO.
DETAILED <b>S. BROWN</b>	12009_BRSL_001.SHT
DWG. CHECKED <b>D. MCINTIER</b>	DRAWING DATE: JANUARY 2018
CORRECTIONS	DATE: 1/19/18



**IDAHO  
TRANSPORTATION  
DEPARTMENT**

**Parametrix**

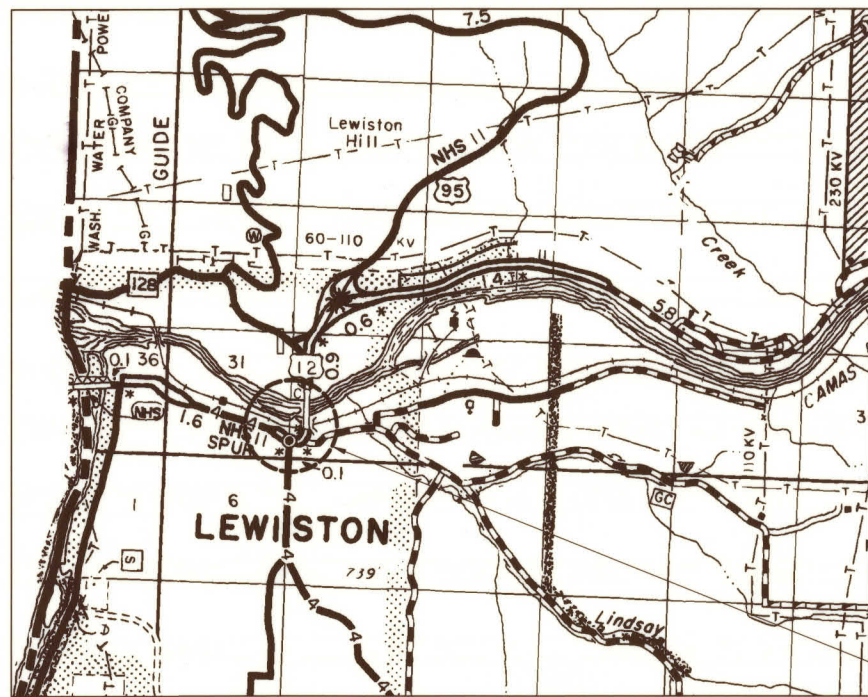
<b>English</b>
PROJECT NO.
A012(009)

**SITUATION AND LAYOUT**

SOLDIER PILE RETAINING WALLS  
US-12, 18TH ST TO CLEARWATER RV BR,  
LEWISTON (21ST ST TO US-12)

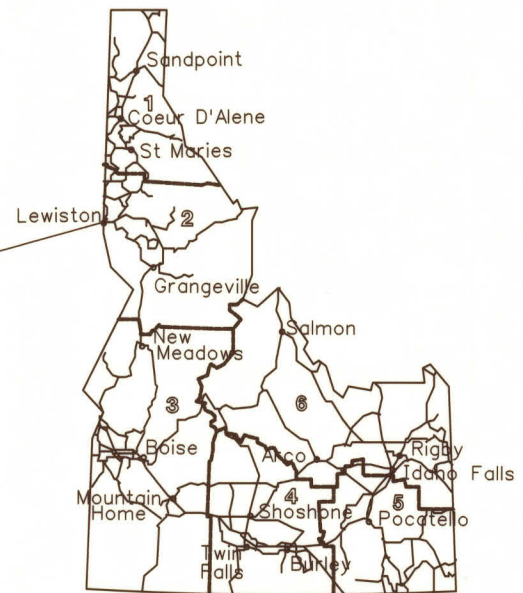
BRIDGE KEY NO.	
COUNTY <b>NEZ PERCE</b>	KEY NO. <b>12009</b>
BRIDGE DRAWING NO. <b>17675</b>	SHEET <b>1</b> OF <b>11</b>

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US-12, 18<sup>th</sup> ST TO CLEARWATER  
RV BR, LEWISTON

A012(009)  
US-12, 18<sup>th</sup> ST TO CLEARWATER  
RV BR, LEWISTON  
NEZ PERCE COUNTY  
M.P. 1.67 - M.P. 1.94  
SEGMENT CODE 1900



**SHEET INDEX**

SITUATION AND LAYOUT .....	1
SHEET INDEX, QUANTITIES, & VICINITY MAP .....	2
DESIGN AND GENERAL NOTES .....	3
FOUNDATION INVESTIGATION PLAT .....	4
WALL SECTIONS .....	5
PILE AND FASCIA PANEL JOINT LAYOUT .....	6
PILE LAYOUT TABLE AND DETAILS .....	7
CONCRETE FASCIA DETAILS .....	8
BEGIN WING DETAILS .....	9
END WING & INLET DETAILS .....	10
SLOPE PAVING DETAILS .....	11

**QUANTITIES**

610-035A	FENCE TY 4 (4FT) .....	493	FT
623-005A	CONC SLOPE PAVING .....	204	SY
S501-15A	RETAINING WALL (SOLDIER PILE) .....	3560	SF
S501-51A	SP BRIDGE, CONC FASCIA PANEL .....	4610	SF

REVISIONS				DESIGNED <b>S. BROWN</b>	SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY		<b>IDAHO</b> TRANSPORTATION DEPARTMENT  Parametrix	<b>English</b> PROJECT NO.  A012(009)	<b>SHEET INDEX, QUANTITIES, &amp; VICINITY MAP</b>  SOLDIER PILE RETAINING WALLS US-12, 18TH ST TO CLEARWATER RV BR, LEWISTON (21ST ST TO US-12)	BRIDGE PLANS	
NO.	DATE	BY	DESCRIPTION							BRIDGE KEY NO.	KEY NO.
				DESIGN CHECKED <b>D. MCINTIER</b> DETAILED <b>S. BROWN</b> DWG. CHECKED <b>D. MCINTIER</b> CORRECTIONS	CADD FILE NO.  12009_BR10_001.SHT DRAWING DATE: JANUARY 2018	DATE: 1/19/18			BRIDGE KEY NO. - COUNTY NEZ PERCE BRIDGE DRAWING NO. SHEET 17675 2 of 11	KEY NO. 12009	

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**DESIGN NOTES**

**DESIGN SPECIFICATIONS**

IN ACCORDANCE WITH : "AASHTO LRFD BRIDGE DESIGN SPECIFICATION" 7th EDITION, 2014, & 2015 INTERIMS.

**DESIGN LOADS**

**PERMANENT LOADS**

DC	UNIT WEIGHT OF REINFORCED CONCRETE .....	0.150 kcf
	UNIT WEIGHT OF STRUCTURAL STEEL .....	0.490 kcf
EV	UNIT WEIGHT OF SOIL .....	0.120 kcf
EH	ACTIVE PRESSURE FOR SOILS ABOVE EL. 791' .....	0.052 kcf
	ACTIVE PRESSURE FOR SOILS BELOW EL. 791' .....	0.038 kcf
	PASSIVE PRESSURE IN FRONT OF UPPER WALL .....	0.552 kcf
	PASSIVE PRESSURE IN FRONT OF LOWER WALL .....	0.804 kcf

**TRANSIENT LOADS**

LS	LIVE LOAD SURCHARGE .....	250 psf
----	---------------------------	---------

**EXTREME EVENT LOADS**

EQ	SITE CLASS .....	D
	ACCELERATION COEFFICIENT $S_{D1}$ .....	0.151 g
	SEISMIC PERFORMANCE ZONE .....	2

**GENERAL NOTES**

**CONSTRUCTION SPECIFICATIONS**

MATERIALS, CONSTRUCTION AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE STATE OF IDAHO TRANSPORTATION DEPARTMENT, "2017 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION", THE PROJECT PLANS, AND SPECIFICATIONS.

**MATERIAL**

CONCRETE : CONC. FASCIA - CLASS 40A .....	$f'_c$ = 4.00 ksi
METAL REINFORCEMENT : AASHTO M31, GRADE 60 .....	$f_y$ = 60.00 ksi
STRUCTURAL STEEL : AASHTO M270 GRADE 36 .....	$f_y$ = 36.00 ksi
TIMBER LAGGING : DOUGLAS FIR-LARCH NO. 2 OR BETTER (WCLIB)	

**PLAN DIMENSIONS AND ELEVATIONS**

ALL EXPOSED EDGES OF CONCRETE SHALL BE BEVELED  $\frac{3}{4}$ " UNLESS NOTED OTHERWISE.  
 ALL DIMENSIONS TO REINFORCING STEEL ARE TO CENTERLINE OF BAR UNLESS NOTED OTHERWISE.  
 CONCRETE COVER MEASURED FROM THE FACE OF THE CONCRETE TO THE FACE OF ANY REINFORCING BAR SHALL BE 2", UNLESS SHOWN OTHERWISE ON THE DRAWINGS.

**CONSTRUCTION**

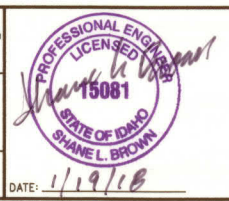
ALL REINFORCING STEEL TO BE EPOXY COATED IS DESIGNATED BY AN "E" AFTER THE BAR MARK.  
 CONSTRUCTION JOINTS WILL BE PERMITTED ONLY AT THE LOCATIONS SHOWN ON THE PLANS OR AS APPROVED BY THE ENGINEER.  
 THE CONTRACTOR SHALL COORDINATE ALL EXISTING CONDITIONS DURING CONSTRUCTION OF PROJECT. UTILITY INFORMATION SHOWN ON THE STRUCTURE PLANS MAY NOT BE COMPLETE OR ACCURATELY DEPICT THE LOCATION OF THE FACILITIES SHOWN. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL EXISTING, NEW, RELOCATED, AND ABANDONED UTILITIES WITH THE PROJECT PLANS AND NOTIFY RESPECTIVE OWNERS BEFORE COMMENCING THE WORK OF EXCAVATION. CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND RESOLVED PRIOR TO PROCEEDING WITH THE WORK. SEE ROADWAY AND UTILITY DRAWINGS FOR ADDITIONAL INFORMATION.

**INCIDENTAL ITEMS**

ALL ITEMS SHOWN OR NOTED ON PLANS WHICH ARE NOT SPECIFICALLY BID ITEMS ARE CONSIDERED INCIDENTAL ITEMS. THE COST OF FURNISHING AND INSTALLING ALL INCIDENTAL ITEMS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS, UNLESS NOTED OTHERWISE.

REVISIONS			
NO.	DATE	BY	DESCRIPTION
△			
△			
△			
△			
△			

DESIGNED <b>S. BROWN</b>	SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY
DESIGN CHECKED <b>D. MCINTIER</b>	CADD FILE NO.
DETAILED <b>S. BROWN</b>	12009_BRDG_001.SHT
DWG. CHECKED <b>D. MCINTIER</b>	DRAWING DATE: JANUARY 2018
CORRECTIONS	DATE: 1/19/18



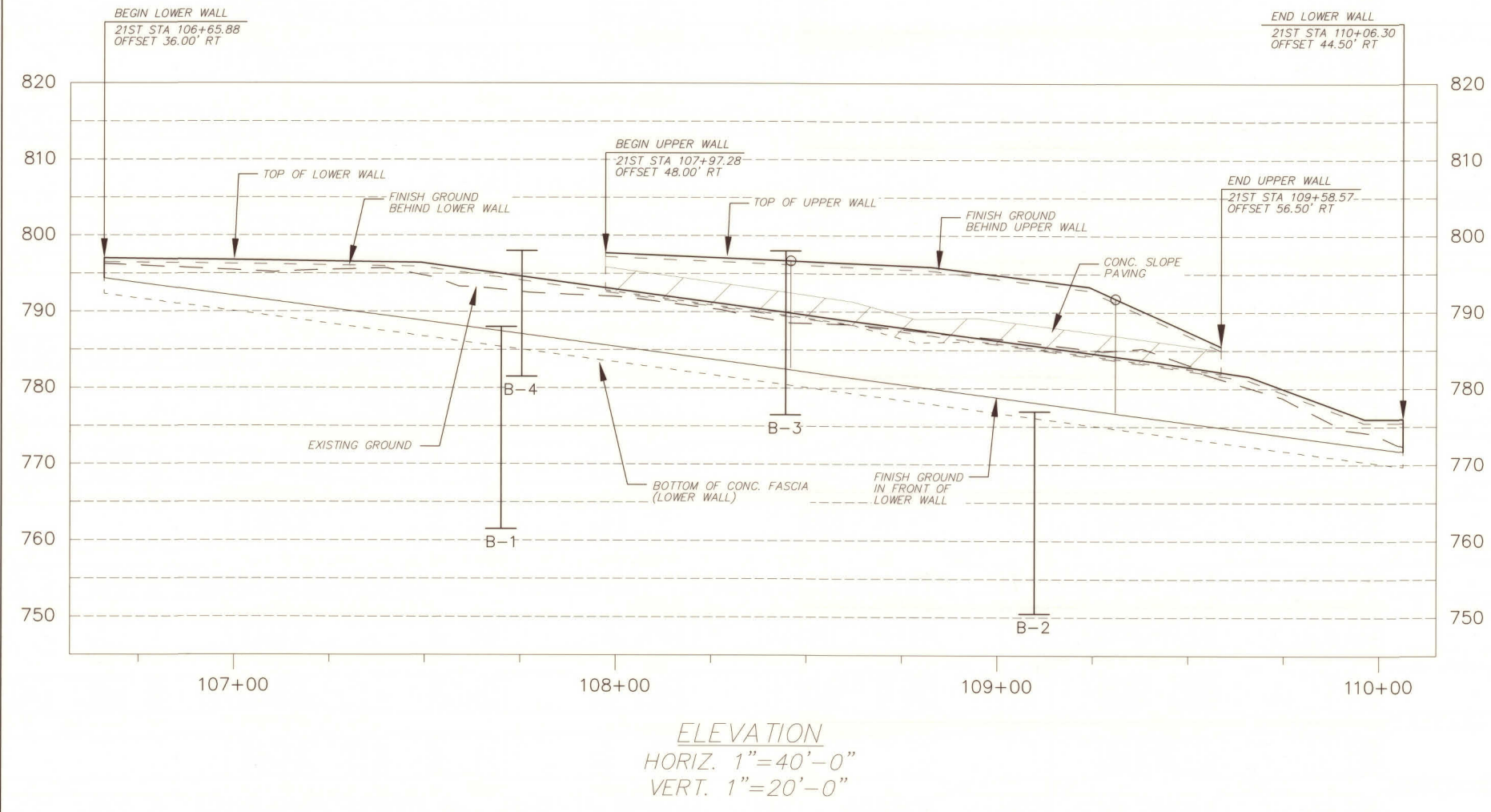
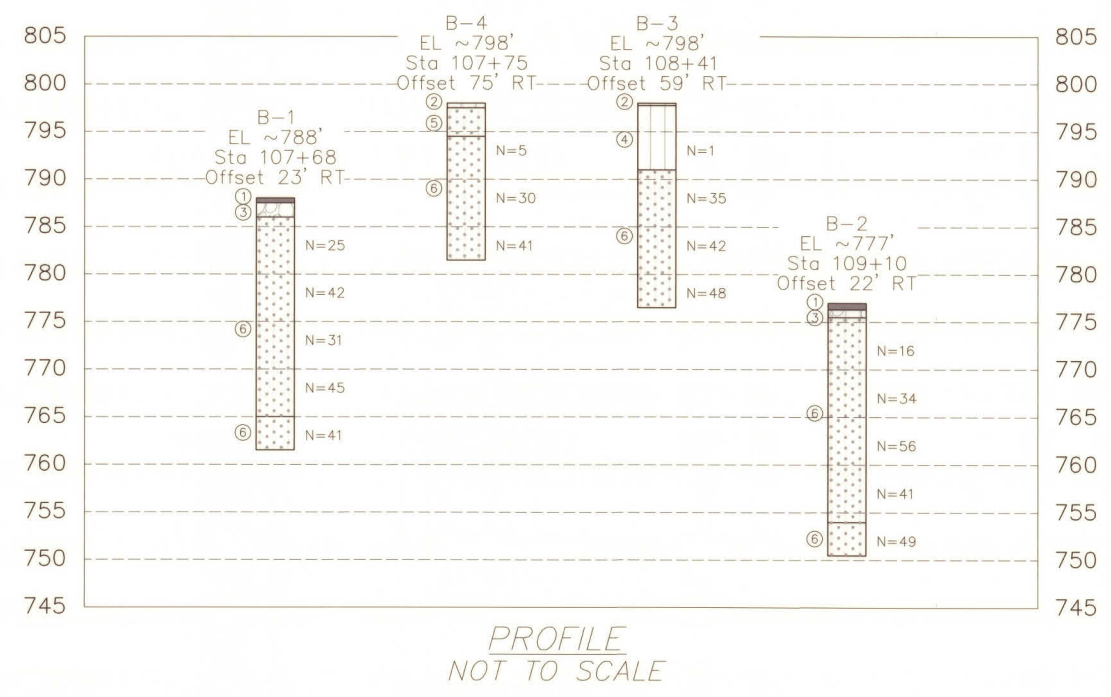
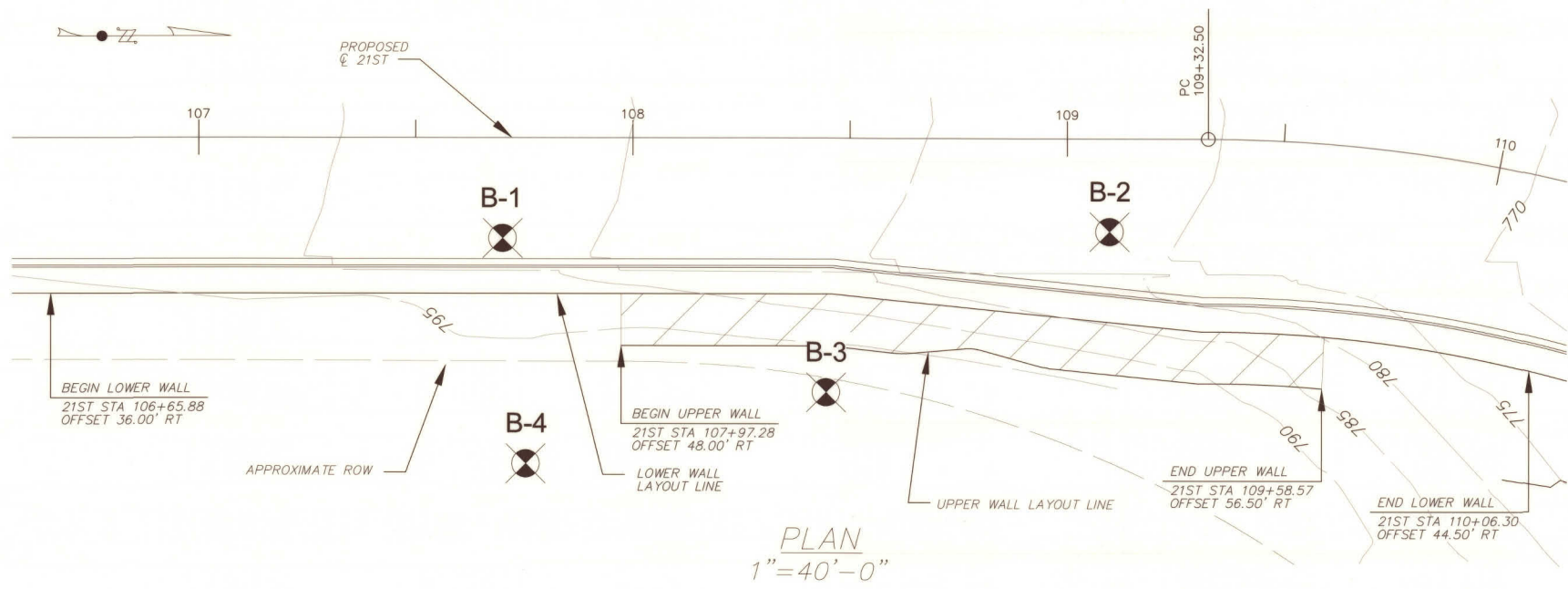
**IDAHO**  
**TRANSPORTATION**  
**DEPARTMENT**

  
**Parametrix**

<b>English</b>
PROJECT NO.
A012(009)

<b>DESIGN AND GENERAL NOTES</b>
SOLDIER PILE RETAINING WALLS US-12, 18TH ST TO CLEARWATER RV BR, LEWISTON (21ST ST TO US-12)

BRIDGE PLANS	
BRIDGE KEY NO.	-
COUNTY	KEY NO.
NEZ PERCE	12009
BRIDGE DRAWING NO. SHEET	
17675	3 OF 11



**KEY TO SYMBOLS**

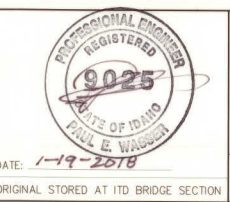
SYMBOLS	DESCRIPTION
<b>STRATA SYMBOLS</b>	
	Layer No. 1 Asphalt (AC)
	Layer No. 2 Topsoil, Silt (ML)
	Layer No. 3 Base Course, Poorly Graded Gravel with Silt (GP-GM)
	Layer No. 4 Uncontrolled Fill, Sandy Silt (ML)
	Layer No. 5 Uncontrolled Fill, Silty Sand with Gravel (SM)
	Layer No. 6 Alluvium, Silty Sand with Gravel (SM)
<b>LEGEND:</b>	
	B-1 Indicates STRATA Boring Location and Designation
N	N-Value (ASTM D1586)
<b>NOTES:</b>	
1. The FOUNDATION INVESTIGATION report, boring logs and other information related to the FOUNDATION INVESTIGATION for this project are available at the ITD District Materials Section.	

PENTABLE: \$PENTBL5\$  
\$DATE\$ \$FILES\$

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED  
D. Zimmerman  
DESIGN CHECKED  
D. Gado  
DETAILED  
M. Taylor  
DWG. CHECKED  
P. Wasser  
CORRECTIONS

SCALES SHOWN  
ARE FOR 11" X 17"  
PRINTS ONLY  
CADD FILE NO.  
MO16087A US-12  
(Phase IV-FIP).dwg  
DRAWING DATE:  
January 2018



**IDAHO  
TRANSPORTATION  
DEPARTMENT**

**STRATA**

**English**  
PROJECT NO.  
A012(009)

**FOUNDATION INVESTIGATION PLAT**

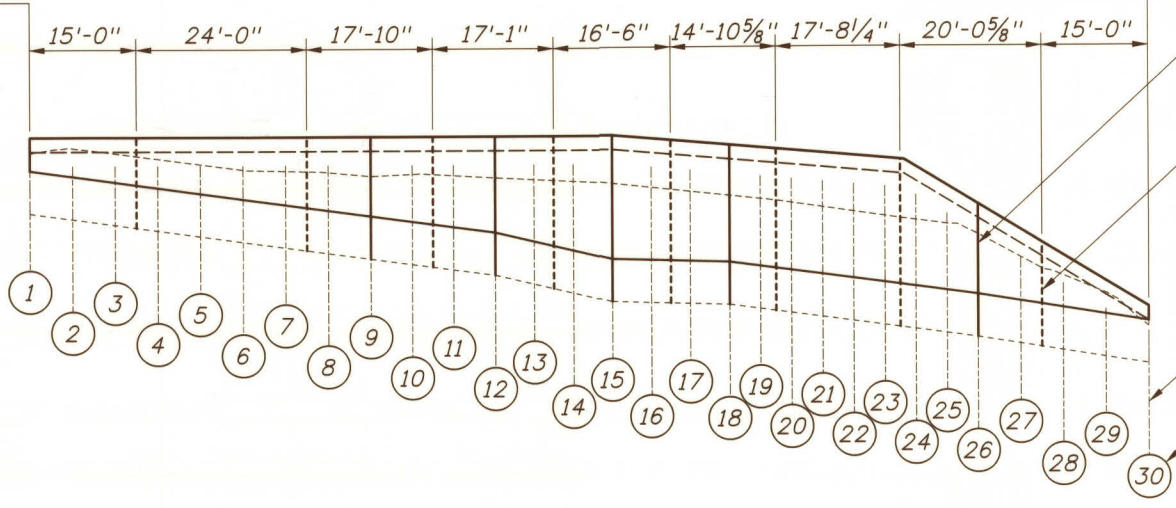
US-12. 18th Street to Clearwater  
RV BR, Lewiston  
(21st Street to US-12)

BRIDGE PLANS	
BRIDGE INSPECTION MASTER KEY	
COUNTY NEZ PERCE	KEY NO. 12009
BRIDGE DRAWING NO. 17675	SHEET 4 of 11



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BEGIN UPPER WALL END UPPER WALL



ANGLE POINT IN WALL, TYP  
SEE SITUATION AND LAYOUT SHEET FOR LOCATIONS

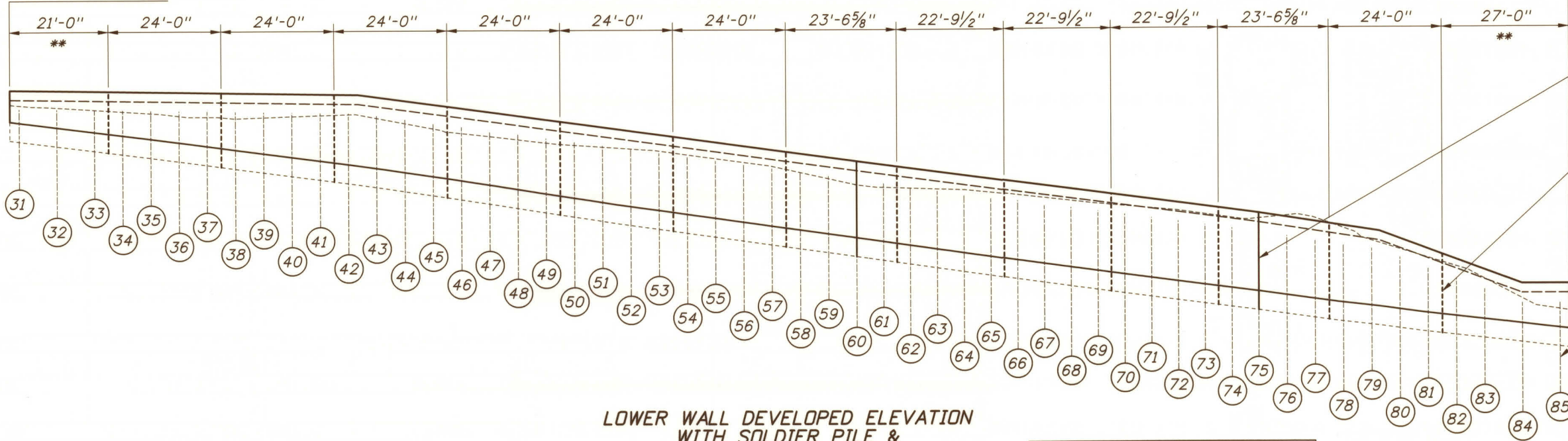
CONCRETE FASCIA PANEL JOINT, TYP  
TOTAL OF 8 JOINTS IN UPPER WALL.  
JOINTS SHALL BE CENTERED BETWEEN SOLDIER PILES AT LOCATIONS SHOWN.

CENTERLINE SOLDIER PILE, TYP

SOLDIER PILE NUMBER, TYP  
SEE SOLDIER PILE LAYOUT TABLE ON SHEET 7 FOR LOCATION AND ELEVATION INFORMATION

UPPER WALL DEVELOPED ELEVATION  
WITH SOLDIER PILE &  
CONCRETE FASCIA PANEL JOINT LAYOUT  
NOT TO SCALE

BEGIN LOWER WALL END LOWER WALL



ANGLE POINT IN WALL, TYP  
SEE SITUATION AND LAYOUT SHEET FOR LOCATIONS

CONCRETE FASCIA PANEL JOINT, TYP. TOTAL OF 13 JOINTS IN LOWER WALL. JOINTS SHALL BE CENTERED BETWEEN SOLDIER PILES AT LOCATIONS SHOWN.

CENTERLINE SOLDIER PILE, TYP

SOLDIER PILE NUMBER, TYP  
SEE SOLDIER PILE LAYOUT TABLE ON SHEET 7 FOR LOCATION AND ELEVATION INFORMATION

LOWER WALL DEVELOPED ELEVATION  
WITH SOLDIER PILE &  
CONCRETE FASCIA PANEL JOINT LAYOUT  
NOT TO SCALE

\*\* - END PANELS REINFORCED WITH \*6 HORIZ. BARS EACH FACE. SEE CONCRETE FASCIA DETAILS.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED  
**S. BROWN**

DESIGN CHECKED  
**D. MCINTIER**

DETAILED  
**S. BROWN**

DWG. CHECKED  
**D. MCINTIER**

CORRECTIONS

SCALES SHOWN  
ARE FOR 34" X 22"  
PRINTS ONLY

CADD FILE NO.  
12009\_BRPF\_001.SHT

DRAWING DATE:  
**JANUARY 2018**



IDAHO  
TRANSPORTATION  
DEPARTMENT

**Parametrix**

**English**

PROJECT NO.  
**A012(009)**

PILE AND FASCIA PANEL JOINT LAYOUT

SOLDIER PILE RETAINING WALLS  
US-12, 18TH ST TO CLEARWATER RV BR,  
LEWISTON (21ST ST TO US-12)

BRIDGE PLANS

BRIDGE KEY NO. -

COUNTY  
**NEZ PERCE**

KEY NO.  
**12009**

BRIDGE DRAWING NO. SHEET  
**17675 6 OF 11**

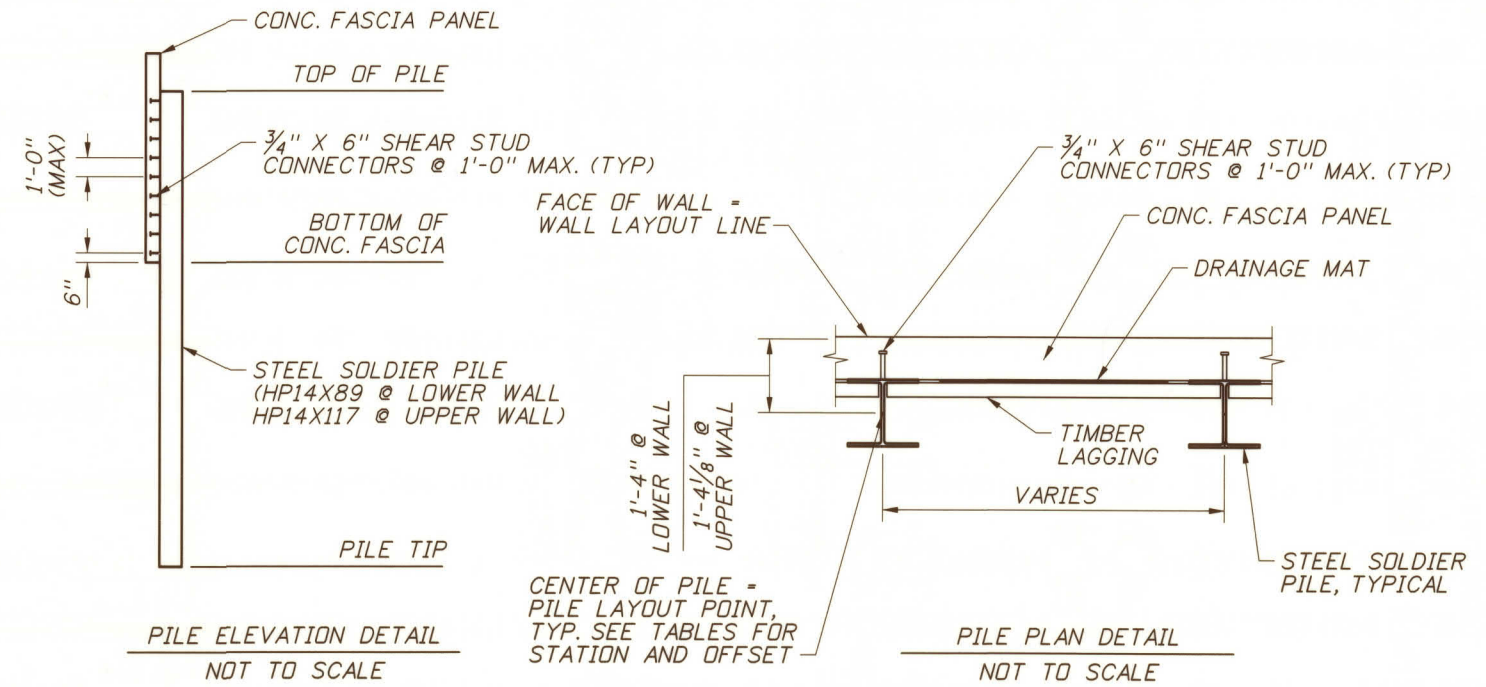
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**LOWER WALL PILE LAYOUT**

PILE NO.	21ST STATION	OFFSET	TOP OF PILE ELEV	BOTTOM OF CONC. FASCIA	PILE TIP ELEV	PILE LENGTH
31	106+67.88	37.33' RT	795.48	792.03	779.03	16.45
32	106+75.88	37.33' RT	795.42	791.52	778.52	16.90
33	106+83.88	37.33' RT	795.35	791.01	778.01	17.34
34	106+89.88	37.33' RT	795.31	790.64	777.64	17.67
35	106+95.88	37.33' RT	795.26	790.26	777.26	18.00
36	107+01.88	37.33' RT	795.21	789.86	776.86	18.35
37	107+07.88	37.33' RT	795.16	789.47	775.47	19.69
38	107+13.88	37.33' RT	795.11	789.07	775.07	20.04
39	107+19.88	37.33' RT	795.06	788.67	773.67	21.39
40	107+25.88	37.33' RT	795.01	788.29	773.29	21.72
41	107+31.88	37.33' RT	794.97	787.90	771.90	23.07
42	107+37.88	37.33' RT	794.92	787.51	771.51	23.41
43	107+43.88	37.33' RT	794.64	787.09	771.09	23.55
44	107+49.88	37.33' RT	794.23	786.65	770.65	23.58
45	107+55.88	37.33' RT	793.82	786.21	770.21	23.61
46	107+61.88	37.33' RT	793.42	785.76	768.76	24.66
47	107+67.88	37.33' RT	793.01	785.30	768.30	24.71
48	107+73.88	37.33' RT	792.60	784.83	767.83	24.77
49	107+79.88	37.33' RT	792.20	784.37	767.37	24.83
50	107+85.88	37.33' RT	791.79	783.91	766.91	24.88
51	107+91.88	37.33' RT	791.38	783.44	766.44	24.94
52	107+97.88	37.33' RT	790.98	783.01	766.01	24.97
53	108+03.88	37.33' RT	790.57	782.58	765.58	24.99
54	108+09.88	37.33' RT	790.16	782.16	765.16	25.00
55	108+15.88	37.33' RT	789.75	781.74	764.74	25.01
56	108+21.88	37.33' RT	789.35	781.32	764.32	25.03
57	108+27.88	37.33' RT	788.94	780.91	763.91	25.03
58	108+33.88	37.33' RT	788.53	780.48	763.48	25.05
59	108+39.88	37.33' RT	788.13	780.06	763.06	25.07
60	108+45.88	37.33' RT	787.72	779.64	762.64	25.08
61	108+51.55	37.90' RT	787.34	779.23	762.23	25.11
62	108+57.22	38.47' RT	786.97	778.83	761.83	25.14
63	108+62.89	39.04' RT	786.59	778.42	761.42	25.17
64	108+68.56	39.60' RT	786.21	778.01	761.01	25.20
65	108+74.23	40.17' RT	785.83	777.60	760.60	25.23
66	108+79.90	40.74' RT	785.46	777.19	760.19	25.27
67	108+85.57	41.31' RT	785.08	776.79	760.79	24.29
68	108+91.23	41.87' RT	784.70	776.39	760.39	24.31
69	108+96.90	42.44' RT	784.32	776.00	760.00	24.32
70	109+02.57	43.01' RT	783.95	775.61	759.61	24.34
71	109+08.24	43.57' RT	783.57	775.23	759.23	24.34
72	109+13.91	44.14' RT	783.19	774.86	758.86	24.33
73	109+19.58	44.71' RT	782.81	774.49	758.49	24.32
74	109+25.25	45.27' RT	782.44	774.13	758.13	24.31
75	109+30.92	45.83' RT	782.06	773.77	757.77	24.29
76	109+37.56	45.83' RT	781.61	773.35	757.35	23.26
77	109+44.43	45.83' RT	781.15	772.94	757.94	23.21
78	109+51.31	45.83' RT	780.69	772.54	757.54	23.15
79	109+58.18	45.83' RT	780.22	772.20	757.20	23.02
80	109+65.06	45.83' RT	779.28	771.81	757.81	21.47
81	109+71.93	45.83' RT	778.18	771.42	758.42	19.76
82	109+78.80	45.83' RT	777.07	771.08	758.08	18.99
83	109+85.68	45.83' RT	775.96	770.74	757.74	18.22
84	109+94.84	45.83' RT	774.50	770.28	757.28	17.22
85	110+04.01	45.83' RT	774.50	769.81	756.81	17.69

**UPPER WALL PILE LAYOUT**

PILE NO.	21ST STATION	OFFSET	TOP OF PILE ELEV	BOTTOM OF CONC. FASCIA	PILE TIP ELEV	PILE LENGTH
1	107+97.28	49.35' RT	796.20	792.85	779.85	16.35
2	108+03.28	49.35' RT	796.20	792.44	778.44	17.76
3	108+09.28	49.35' RT	796.20	792.04	777.04	19.16
4	108+15.28	49.35' RT	796.20	791.63	775.63	20.57
5	108+21.28	49.35' RT	796.20	791.22	774.22	21.98
6	108+27.28	49.35' RT	796.20	790.81	772.81	23.39
7	108+33.28	49.35' RT	796.20	790.41	771.41	24.79
8	108+39.28	49.35' RT	796.20	790.00	771.00	25.20
9	108+45.28	49.35' RT	796.20	789.59	769.59	26.61
10	108+51.10	49.96' RT	796.20	789.18	768.18	28.02
11	108+56.91	50.54' RT	796.20	788.76	766.76	29.44
12	108+62.73	51.13' RT	796.20	788.35	761.35	34.85
13	108+68.46	50.67' RT	796.20	787.57	760.56	35.64
14	108+73.94	50.21' RT	796.20	786.81	759.80	36.40
15	108+79.16	49.89' RT	796.20	786.09	759.07	37.13
16	108+84.21	51.24' RT	795.98	786.11	759.09	36.89
17	108+89.49	52.77' RT	795.75	786.15	759.14	36.61
18	108+95.02	54.36' RT	795.50	786.19	759.19	36.31
19	108+99.50	54.80' RT	795.30	785.91	763.91	31.39
20	109+03.98	55.25' RT	795.11	785.62	763.62	31.49
21	109+08.45	55.70' RT	794.91	785.33	763.33	31.58
22	109+12.93	56.15' RT	794.71	785.04	763.04	31.67
23	109+17.41	56.59' RT	794.51	784.75	762.75	31.76
24	109+21.89	57.04' RT	793.87	784.47	762.47	31.40
25	109+26.36	57.49' RT	792.66	784.18	762.18	30.48
26	109+30.84	57.85' RT	791.46	783.89	761.89	29.57
27	109+37.53	57.85' RT	789.66	783.43	764.43	25.23
28	109+44.54	57.85' RT	787.77	782.95	766.95	20.82
29	109+51.55	57.85' RT	785.89	782.48	769.48	16.41
30	109+58.56	57.85' RT	784.00	782.00	772.00	12.00



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED  
**S. BROWN**

DESIGN CHECKED  
**D. MCINTIER**

DETAILED  
**S. BROWN**

DWG. CHECKED  
**D. MCINTIER**

CORRECTIONS

SCALES SHOWN  
ARE FOR 34" X 22"  
PRINTS ONLY

CADD FILE NO.  
12009\_BRLT\_001.SHT

DRAWING DATE:  
**JANUARY 2018**

DATE: **1/19/18**

**IDAHO TRANSPORTATION DEPARTMENT**

**Parametrix**

**English**

PROJECT NO.  
**A012(009)**

**PILE LAYOUT TABLE AND DETAILS**

**SOLDIER PILE RETAINING WALLS**  
**US-12, 18TH ST TO CLEARWATER RV BR,**  
**LEWISTON (21ST ST TO US-12)**

**BRIDGE PLANS**

BRIDGE KEY NO. -

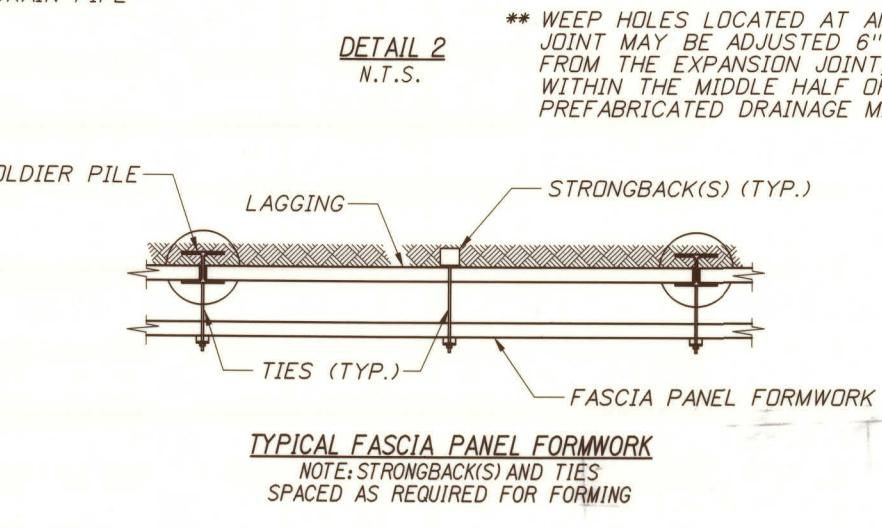
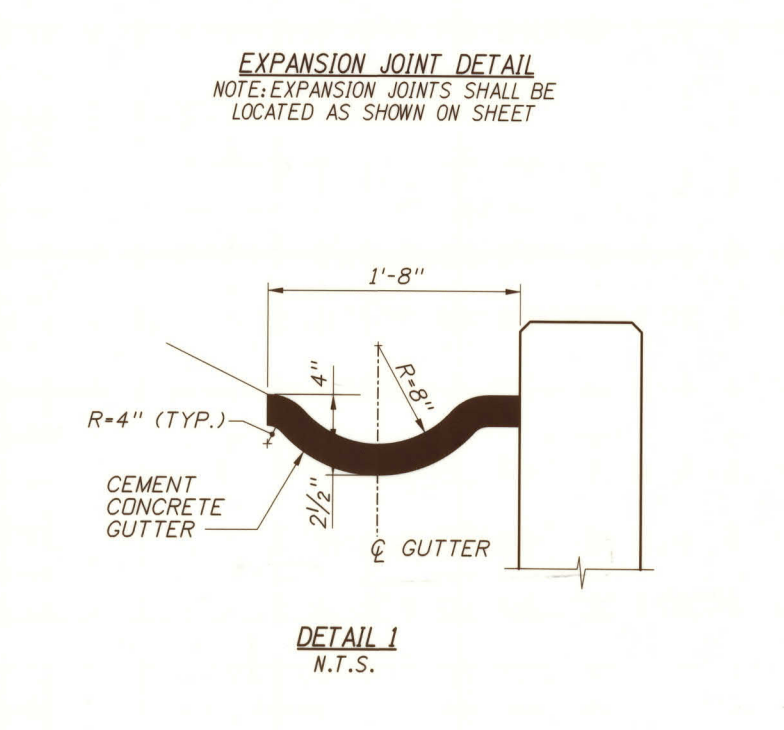
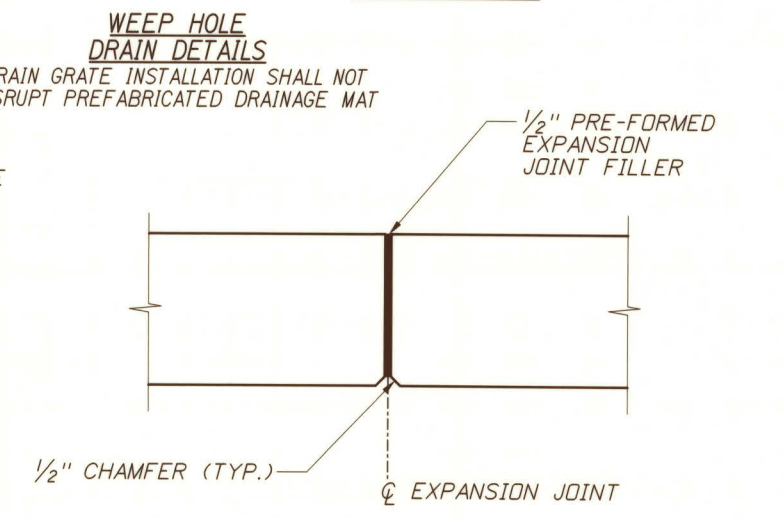
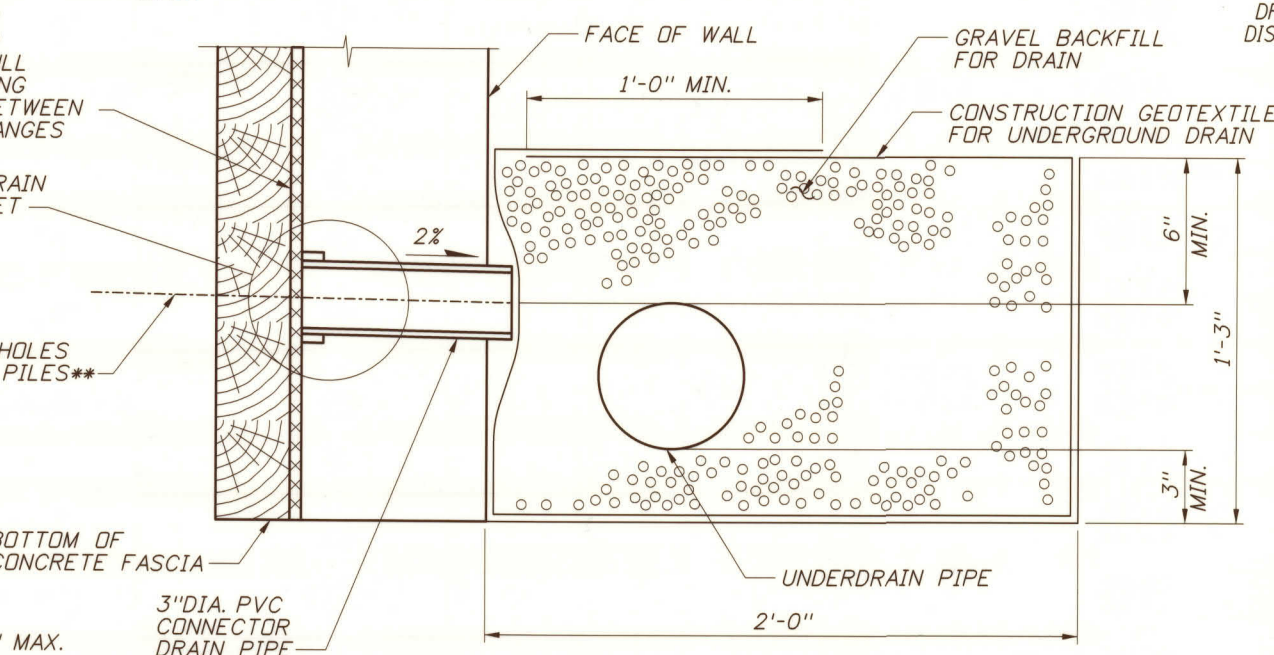
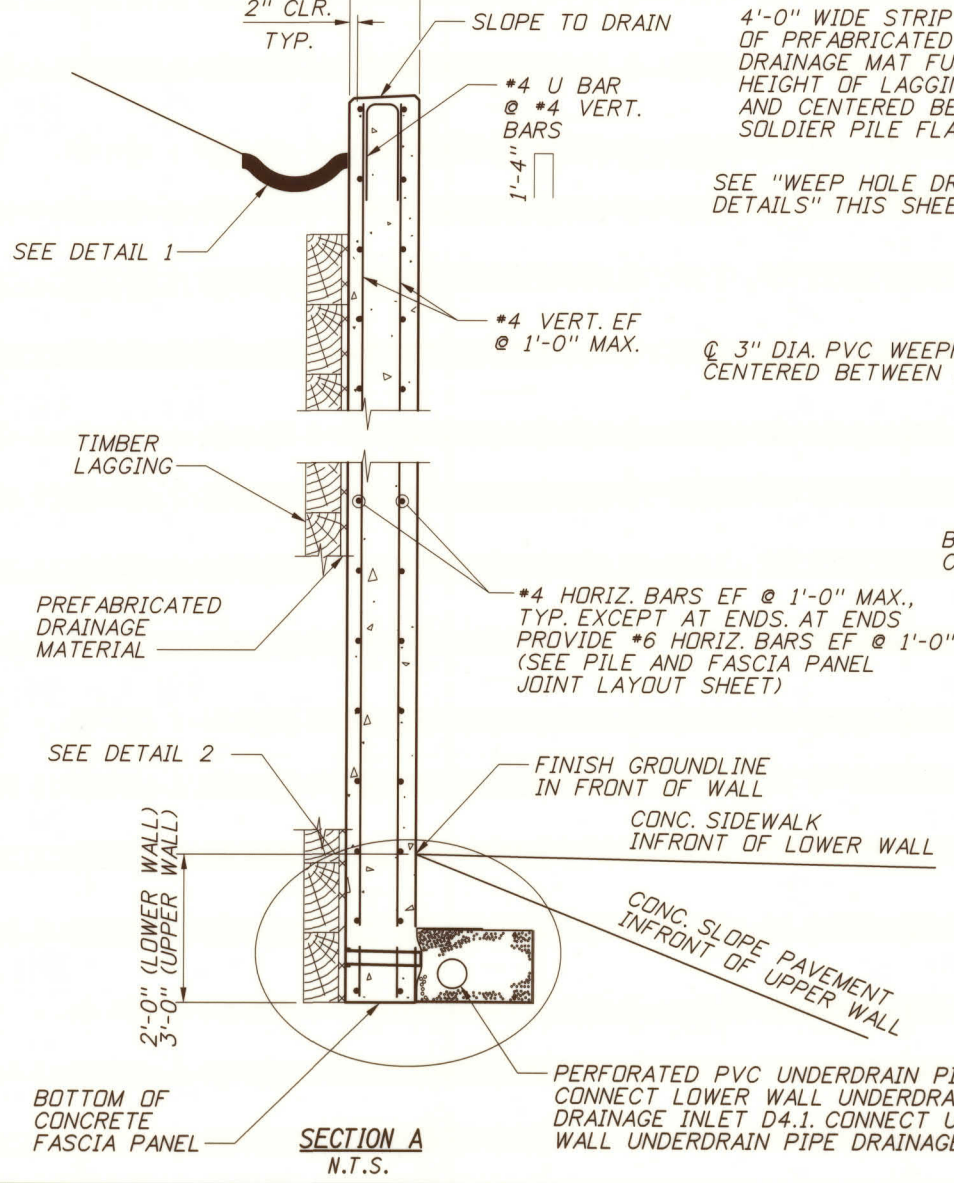
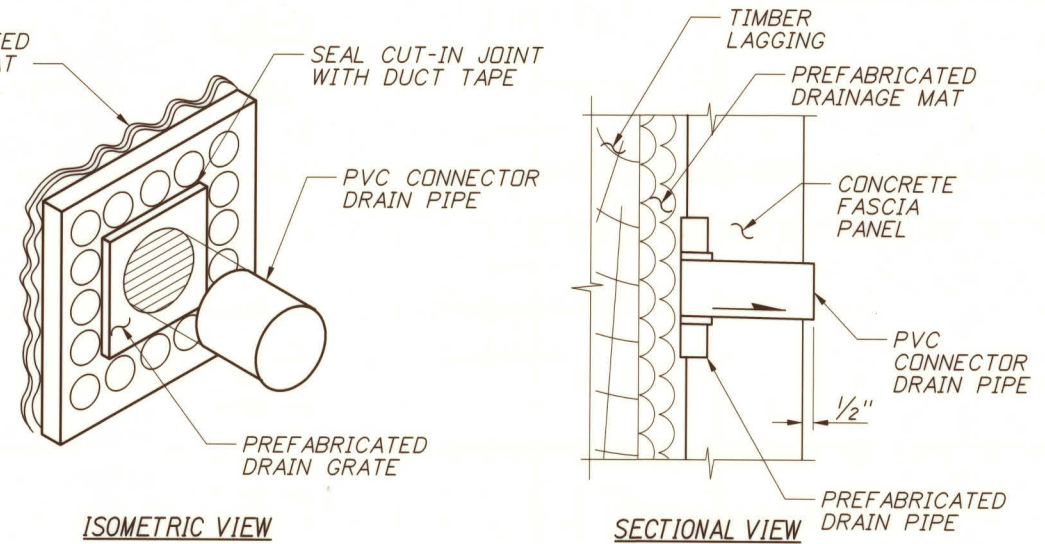
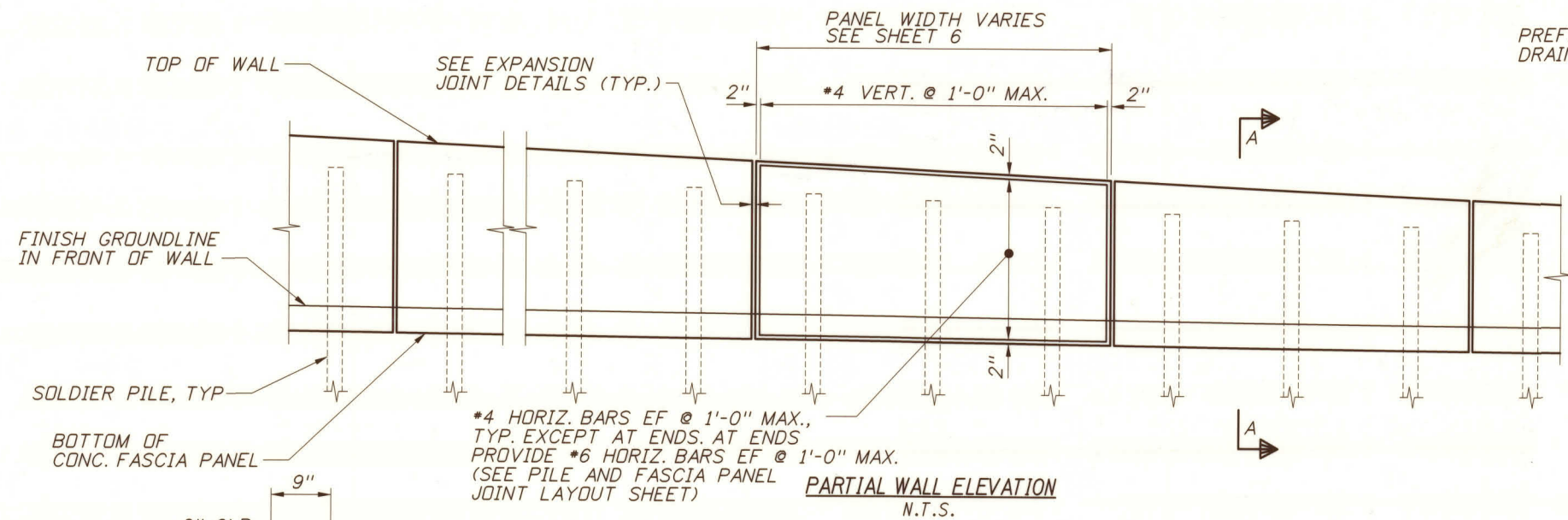
COUNTY **NEZ PERCE** KEY NO. **12009**

BRIDGE DRAWING NO. **17675** SHEET **7 OF 11**

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1/16/2018

U:\Bois\Projects\Clients\4006-ITD\34-4006-046 US-12,18th Clearwater\995vcs\CADD\DWG\Structures\PSE\2009\_BRCF\_001.SHT



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED  
**S. BROWN**  
DESIGN CHECKED  
**D. MCINTIER**  
DETAILED  
**S. BROWN**  
DWG. CHECKED  
**D. MCINTIER**  
CORRECTIONS

SCALES SHOWN  
ARE FOR 34" X 22"  
PRINTS ONLY  
CADD FILE NO.  
12009\_BRCF\_001.SHT  
DRAWING DATE:  
**JANUARY 2018**



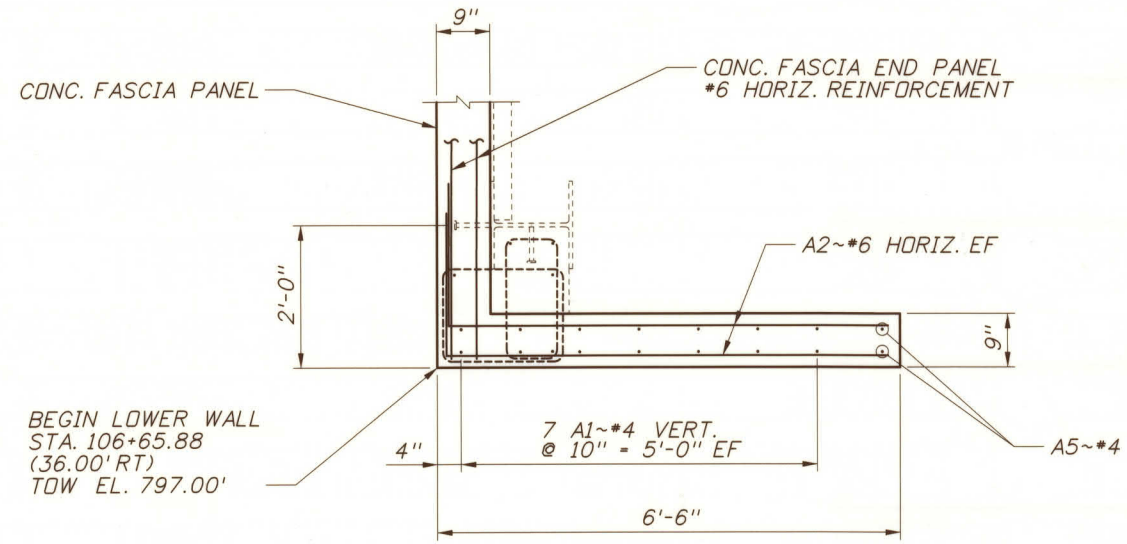
IDAHO  
TRANSPORTATION  
DEPARTMENT  
**Parametrix**

**English**  
PROJECT NO.  
**A012(009)**

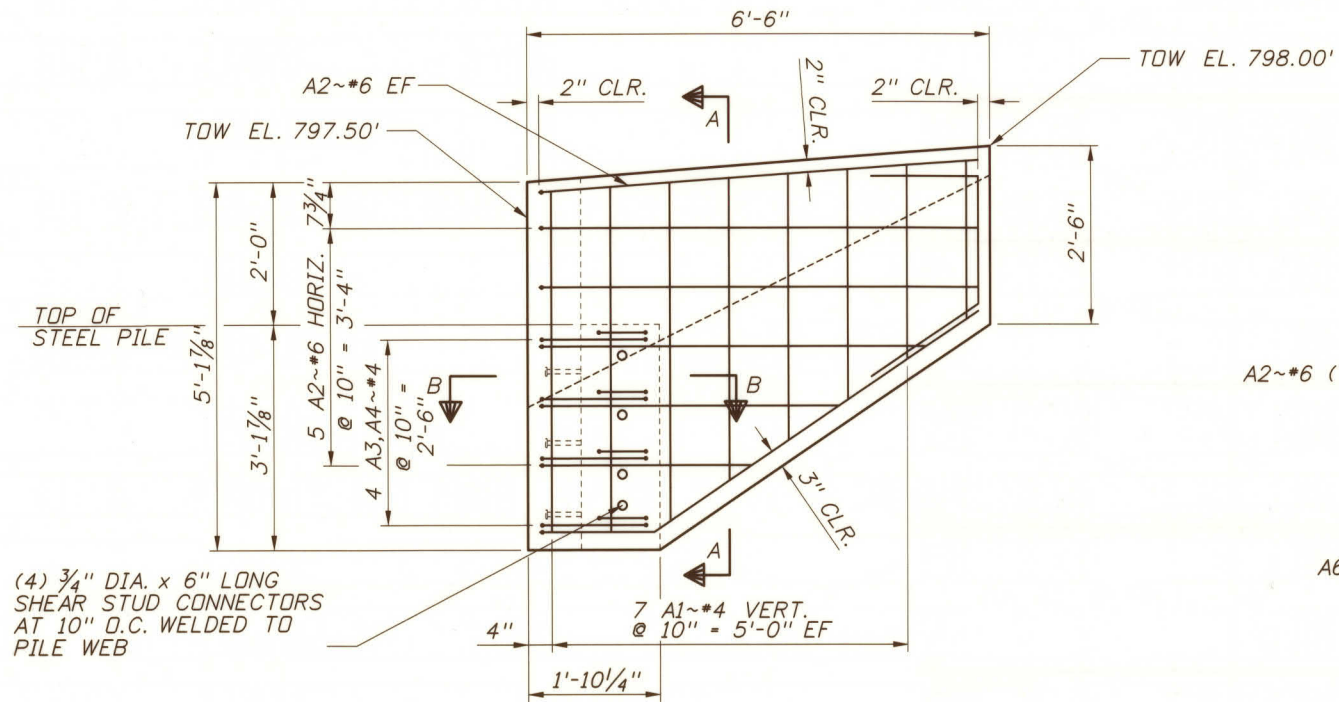
**CONCRETE FASCIA PANEL DETAILS**  
**SOLDIER PILE RETAINING WALLS**  
**US-12, 18TH ST TO CLEARWATER RV BR,**  
**LEWISTON (21ST ST TO US-12)**

BRIDGE PLANS  
BRIDGE KEY NO.  
COUNTY  
**NEZ PERCE**  
KEY NO.  
**12009**  
BRIDGE DRAWING NO. SHEET  
**17675 8 OF 11**

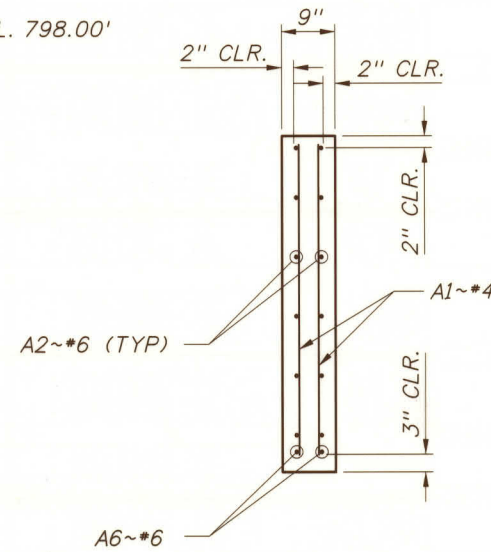




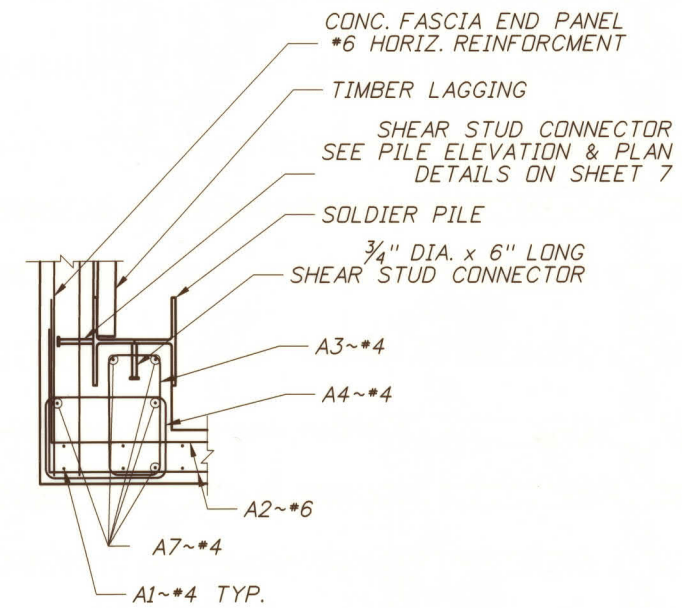
WING PLAN  
3/4" = 1'-0"



WING ELEVATION  
3/4" = 1'-0"



SECTION A-A  
3/4" = 1'-0"



SECTION B-B  
3/4" = 1'-0"

Label	Dimensions
A1~#4	VARIES
A2~#6	VARIES 2'-0"
A3~#4	9 1/2" 1'-8"
A4~#4	1'-6 1/4" 1'-1 1/2"
A5~#4	1'-6" 1'-11"
A6~#6	1'-7" 5'-6"
A7~#4	4'-5"

BAR BEND DETAILS  
NTS

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED <b>S. BROWN</b>
DESIGN CHECKED <b>D. MCINTIER</b>
DETAILED <b>S. BROWN</b>
DWG. CHECKED <b>D. MCINTIER</b>
CORRECTIONS

SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY
CADD FILE NO.  12009_BRWW_001.SHT
DRAWING DATE: <b>JANUARY 2018</b>



**IDAHO  
TRANSPORTATION  
DEPARTMENT**

**Parametrix**

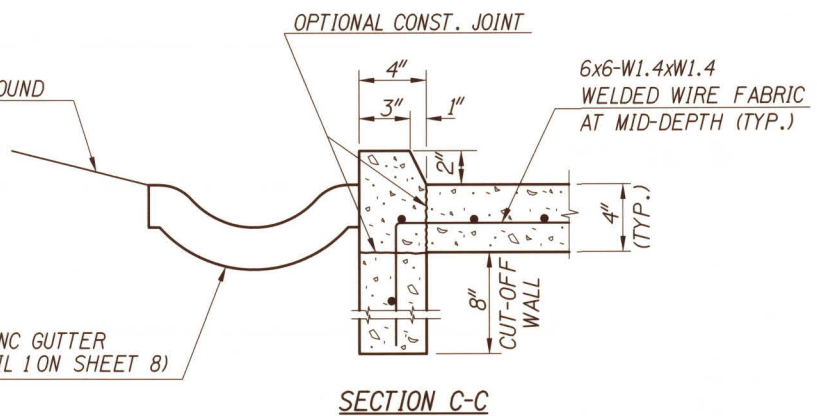
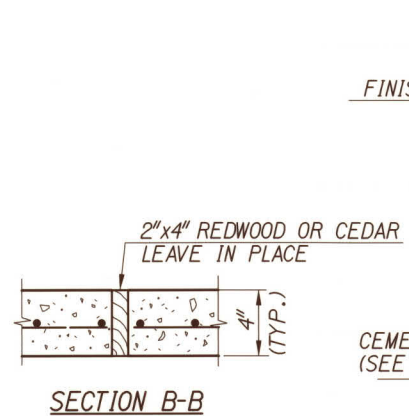
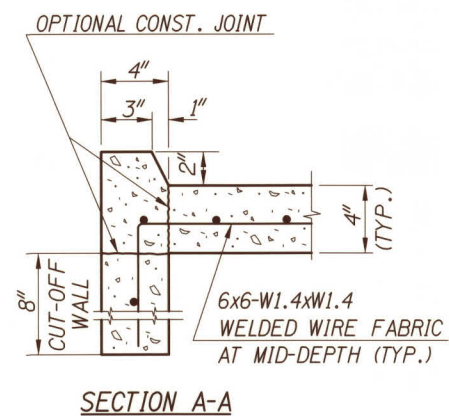
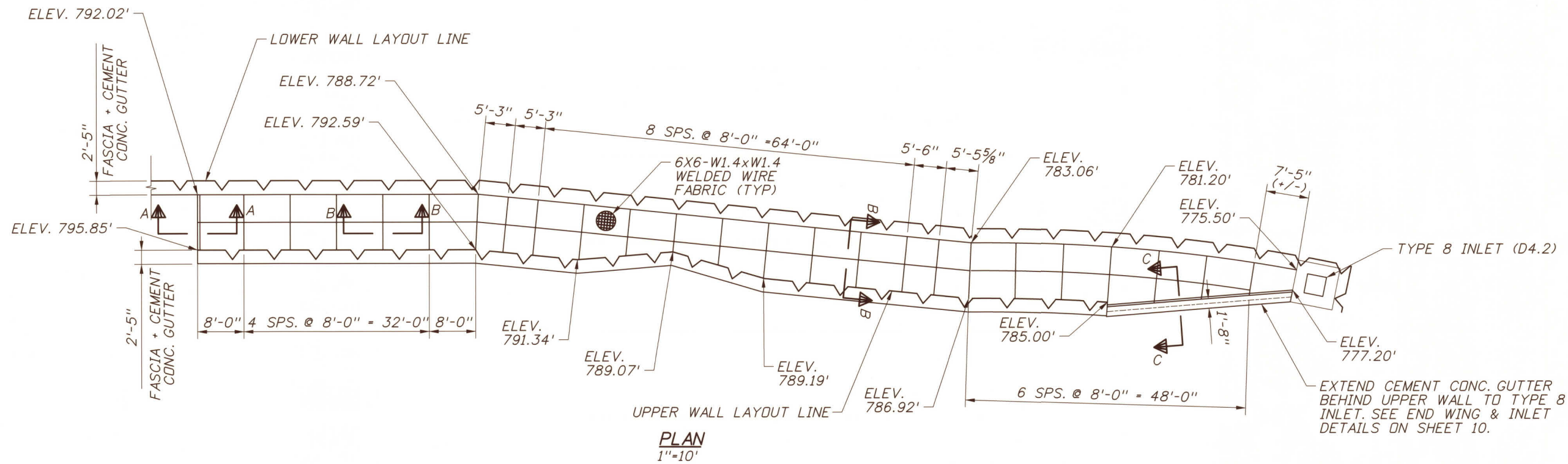
<b>English</b>
PROJECT NO.  <b>A012(009)</b>

<b>BEGIN WING DETAILS</b>
<b>SOLDIER PILE RETAINING WALLS US-12, 18TH ST TO CLEARWATER RV BR, LEWISTON (21ST ST TO US-12)</b>

BRIDGE PLANS	
BRIDGE KEY NO. -	
COUNTY <b>NEZ PERCE</b>	KEY NO. <b>12009</b>
BRIDGE DRAWING NO. <b>17675</b>	SHEET <b>9</b> OF <b>11</b>



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 1/16/2018  
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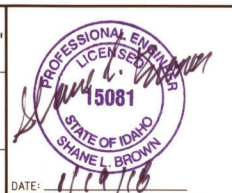
**NOTES**

1. EARTH UNDER SLOPE PAVING SHALL BE STERILIZED IN ACCORDANCE WITH SSP-653 VEGETATION CONTROL, GROUP C. STERILIZATION UNDER SLOPE PAVING WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF ITEM 623-005 CONC SLOPE PAVING.
2. 1/2" x 4" PREFORMED JOINT FILLER (AASHTO M-213) SHALL BE PROVIDED BETWEEN SLOPE PAVING AND FACE OF UPPER RETAINING WALL.
3. ALL PANELS SHALL HAVE A HEAVY BROOM FINISH.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED <b>S. BROWN</b>
DESIGN CHECKED <b>D. MCINTIER</b>
DETAILED <b>S. BROWN</b>
DWG. CHECKED <b>D. MCINTIER</b>
CORRECTIONS

SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY
CADD FILE NO.  12009_BRSP_001.SHT
DRAWING DATE: <b>JANUARY 2018</b>



**IDAHO**  
**TRANSPORTATION**  
**DEPARTMENT**  
**Parametrix**

<b>English</b>
PROJECT NO.  <b>A012(009)</b>

<b>SLOPE PAVING DETAILS</b>
<b>SOLDIER PILE RETAINING WALLS</b> <b>US-12, 18TH ST TO CLEARWATER RV BR,</b> <b>LEWISTON (21ST ST TO US-12)</b>

<b>BRIDGE PLANS</b>	
BRIDGE KEY NO. -	
COUNTY <b>NEZ PERCE</b>	KEY NO. <b>12009</b>
BRIDGE DRAWING NO. <b>17675</b>	SHEET <b>11 OF 11</b>