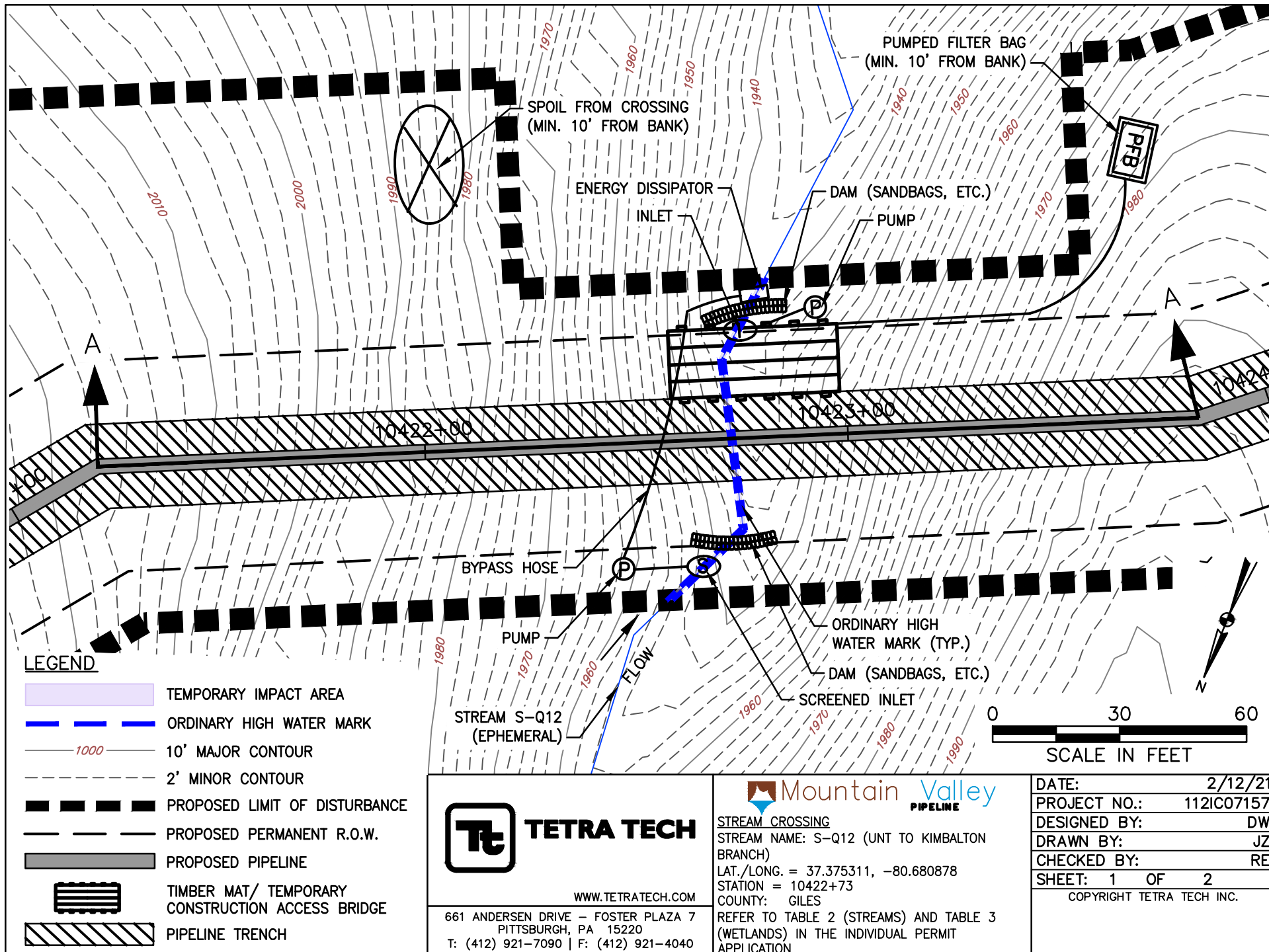




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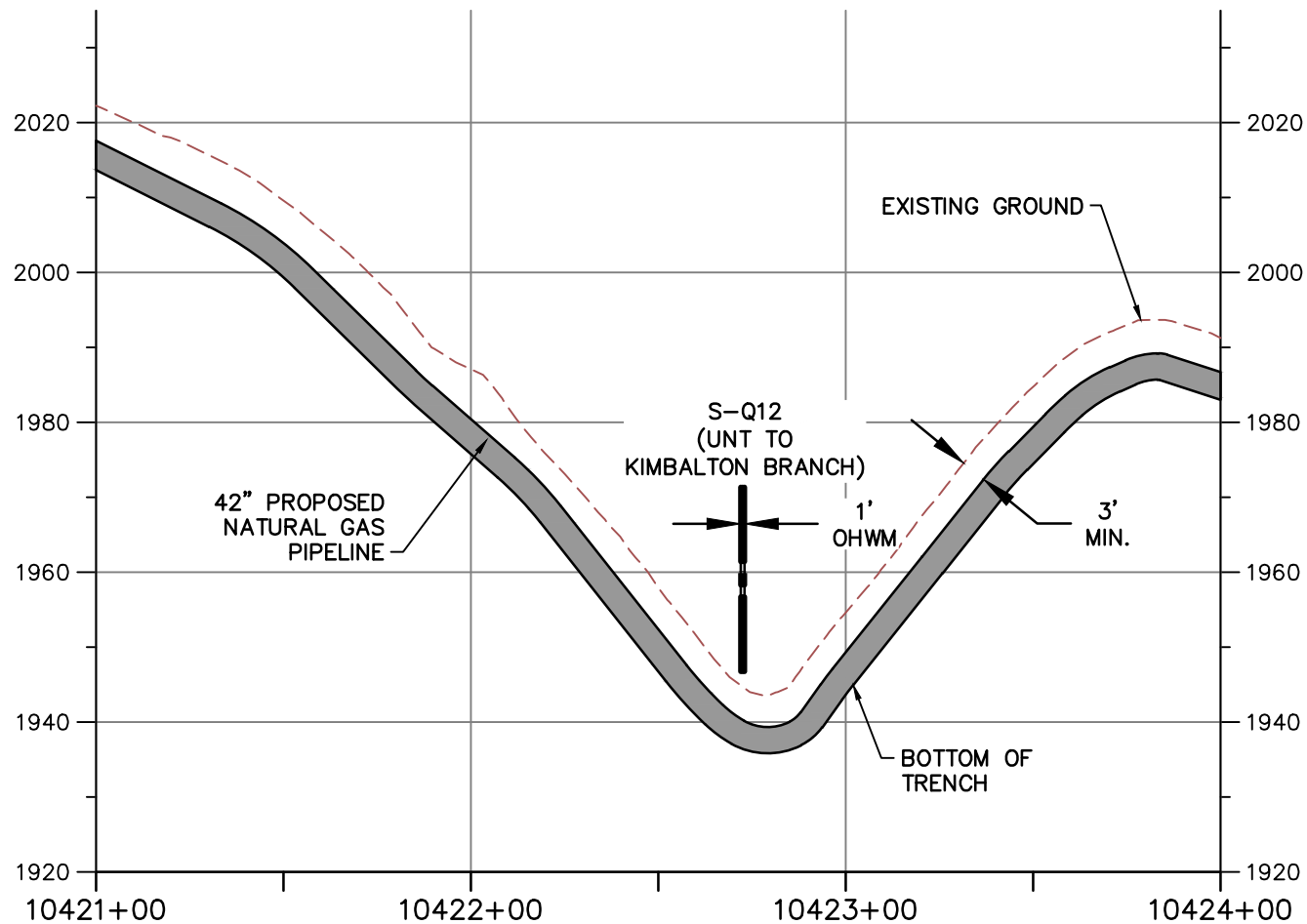
661 ANDERSEN DRIVE - FOSTER PLAZA 7
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 T: (412) 921-7090 | F: (412) 921-4040



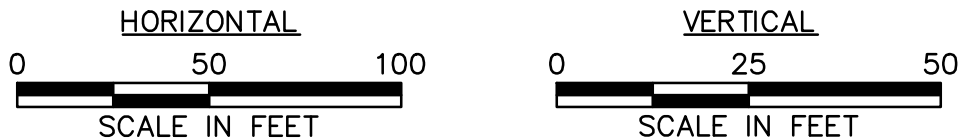
STREAM CROSSING

STREAM NAME: S-Q12 (UNT TO KIMBALTON BRANCH)
 LAT./LONG. = 37.375311, -80.680878
 STATION = 10422+73
 COUNTY: GILES
 REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE: 2/12/21
 PROJECT NO.: 112IC07157
 DESIGNED BY: DW
 DRAWN BY: JZ
 CHECKED BY: RE
 SHEET: 1 OF 2
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PROFILE A-A



NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
3. APPROVED ESC AND SWM MEASURES ARE NOT SHOWN FOR CLARITY



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STREAM CROSSING

STREAM NAME: S-Q12 (UNT TO KIMBALTON BRANCH)

LAT./LONG. = 37.375311, -80.680878

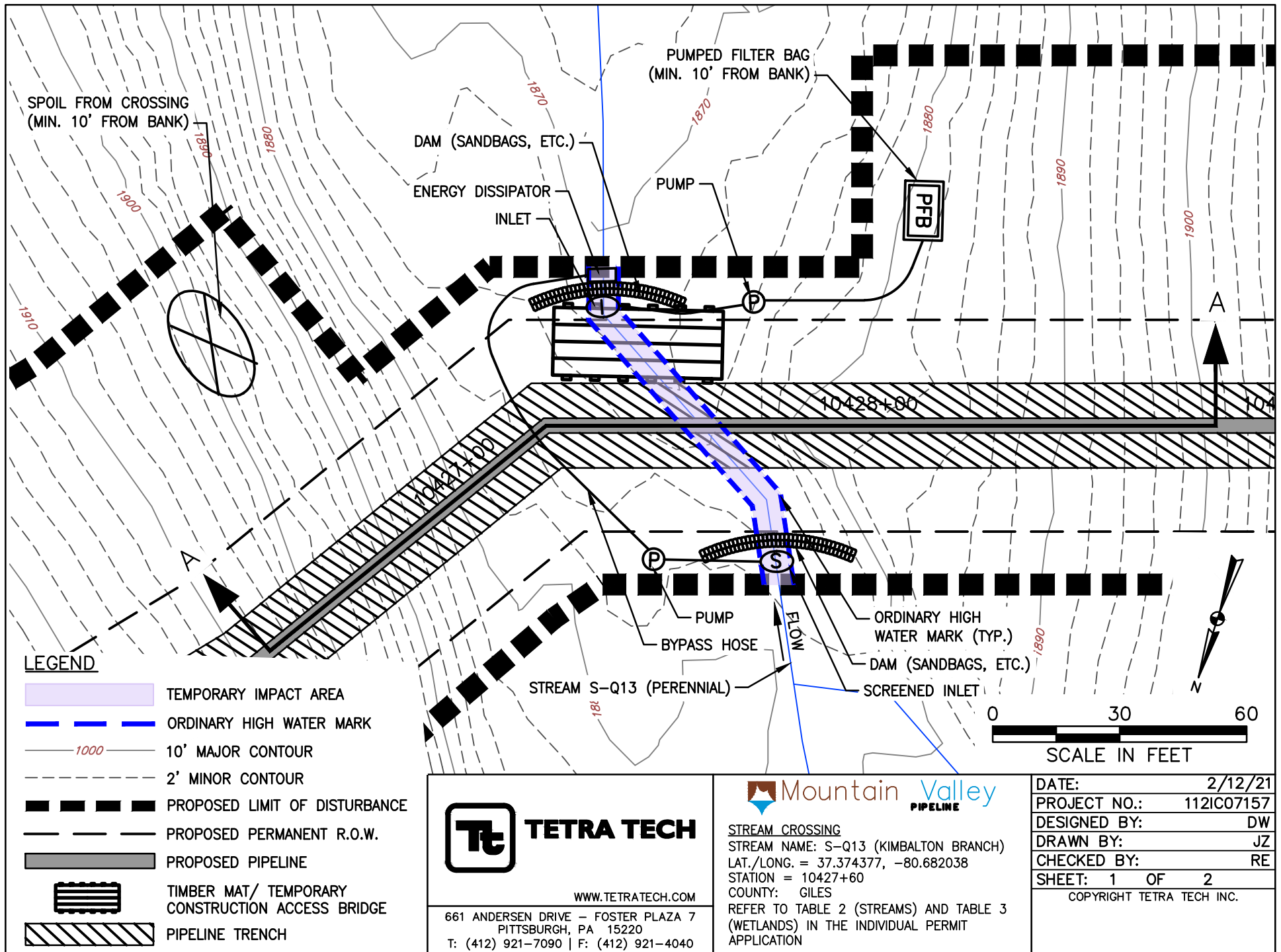
STATION = 10422+73

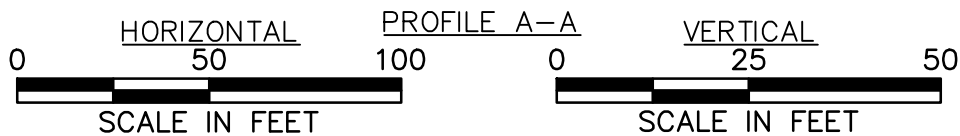
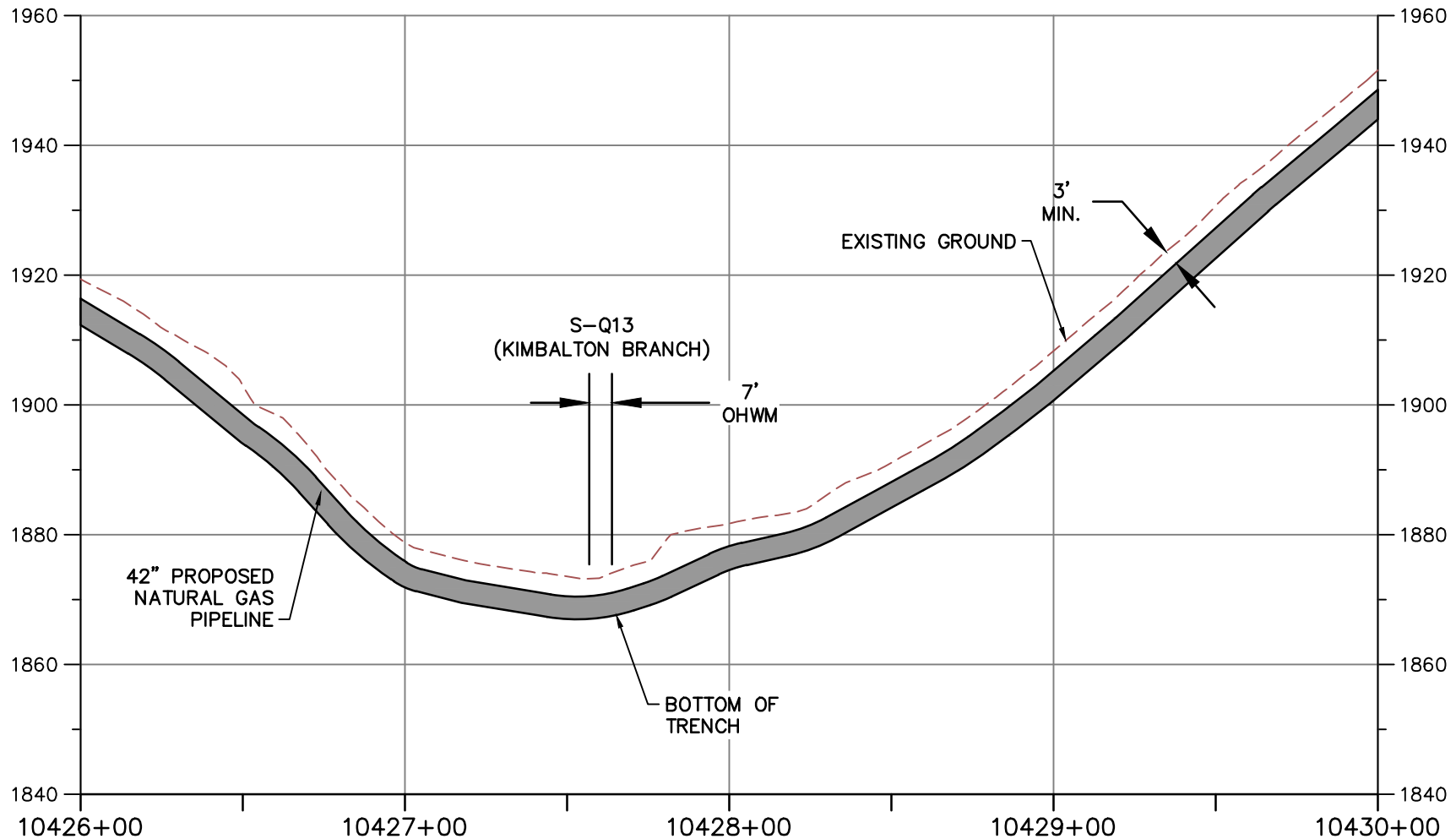
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/12/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	JZ
CHECKED BY:	RE
SHEET:	2 OF 2

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NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
3. APPROVED ESC AND SWM MEASURES ARE NOT SHOWN FOR CLARITY



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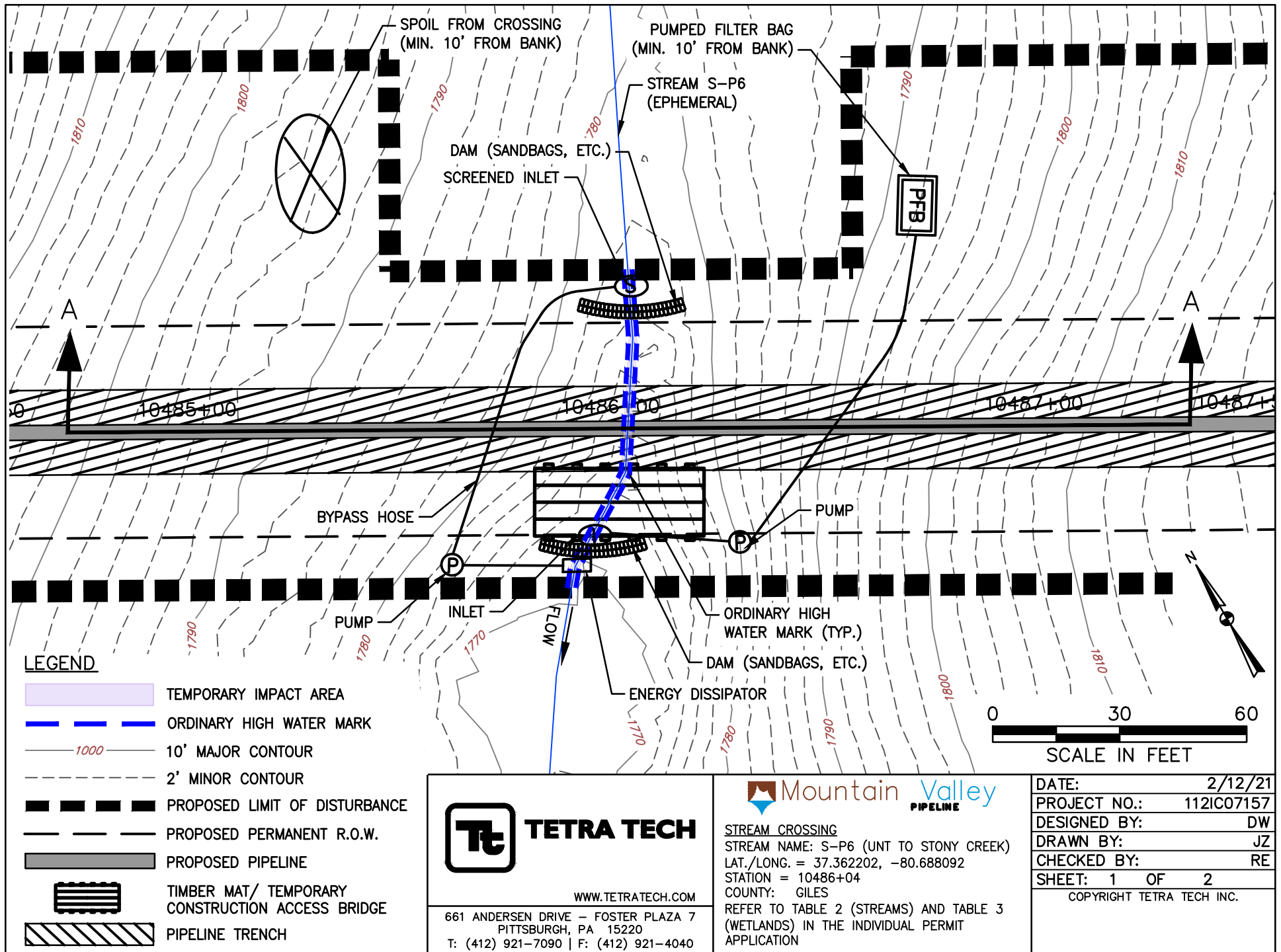


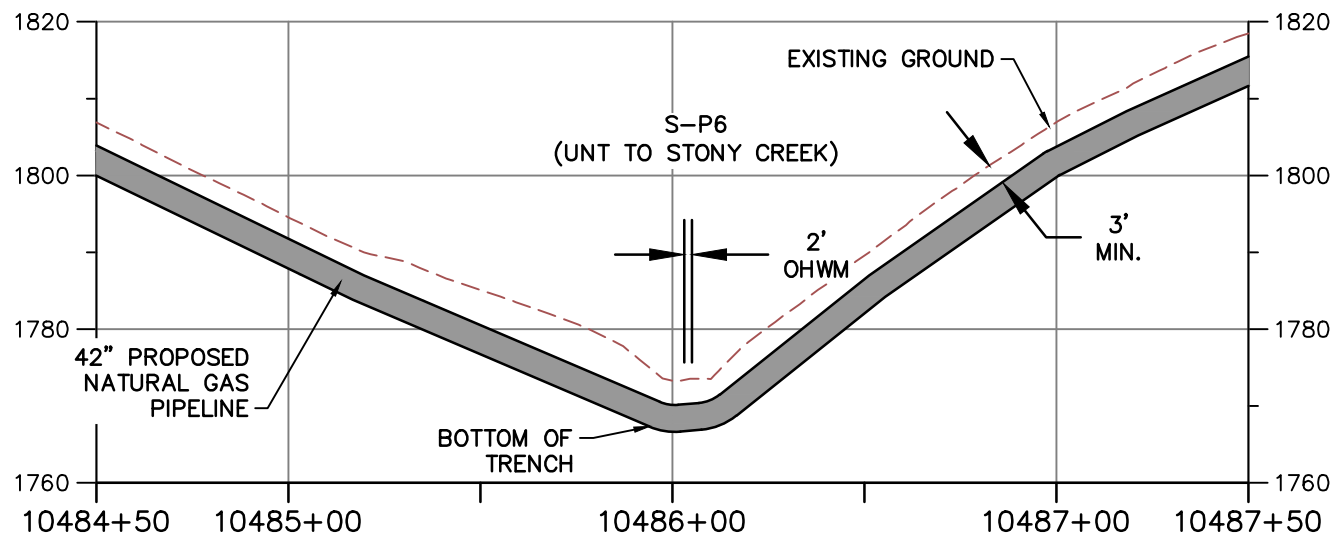
STREAM CROSSING

STREAM NAME: S-Q13 (KIMBALTON BRANCH)
LAT./LONG. = 37.374377, -80.682038
STATION = 10427+60
COUNTY: GILES
REFER TO TABLE 2 (STREAMS) AND TABLE 3
(WETLANDS) IN THE INDIVIDUAL PERMIT
APPLICATION

DATE:	2/12/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	JZ
CHECKED BY:	RE
SHEET: 2 OF 2	

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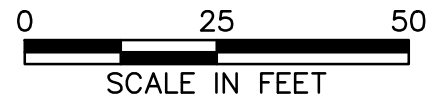


PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

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2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
3. APPROVED ESC AND SWM MEASURES ARE NOT SHOWN FOR CLARITY



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STREAM CROSSING

STREAM NAME: S-P6 (UNT TO STONY CREEK)

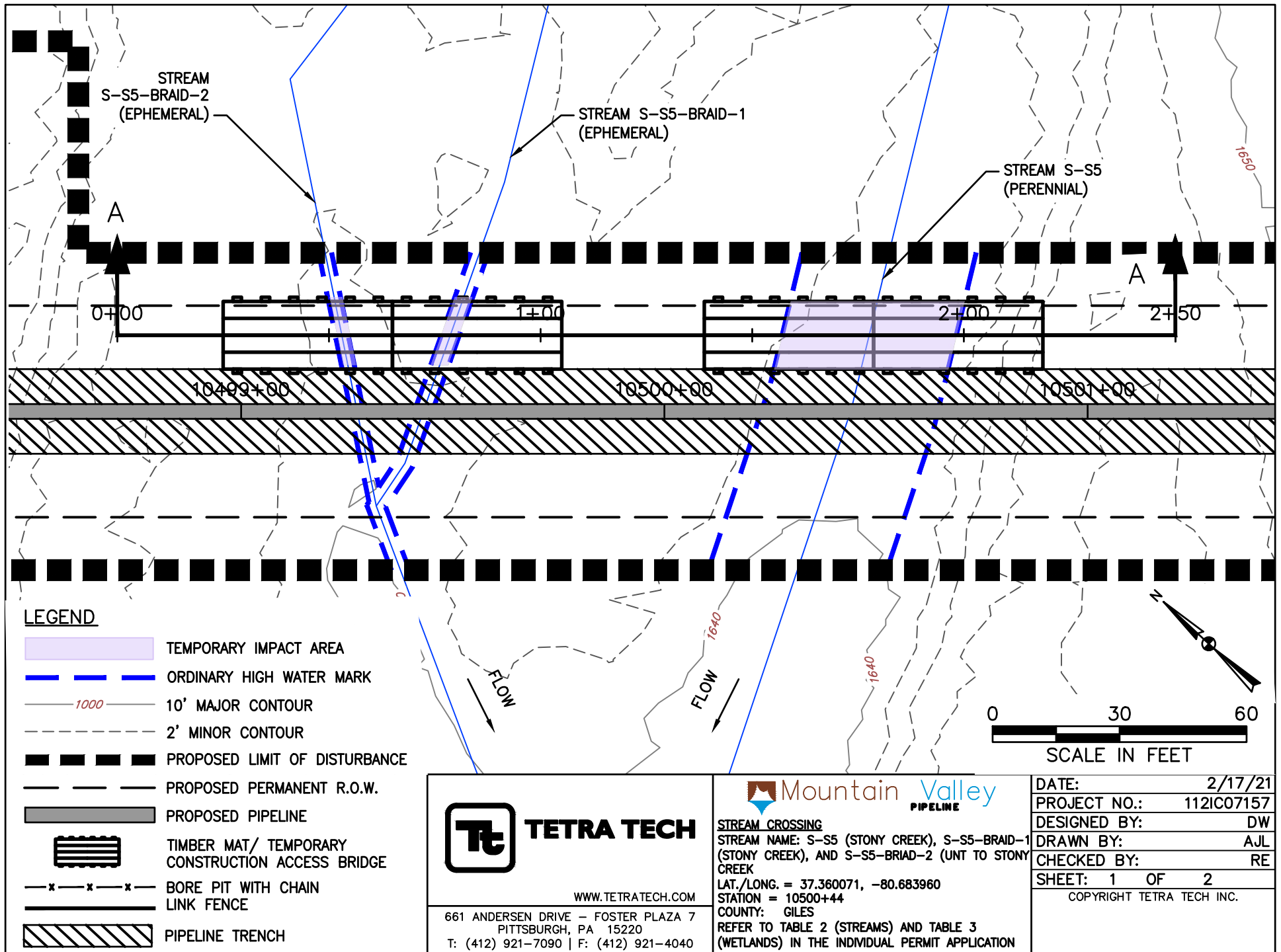
LAT./LONG. = 37.362202, -80.688092

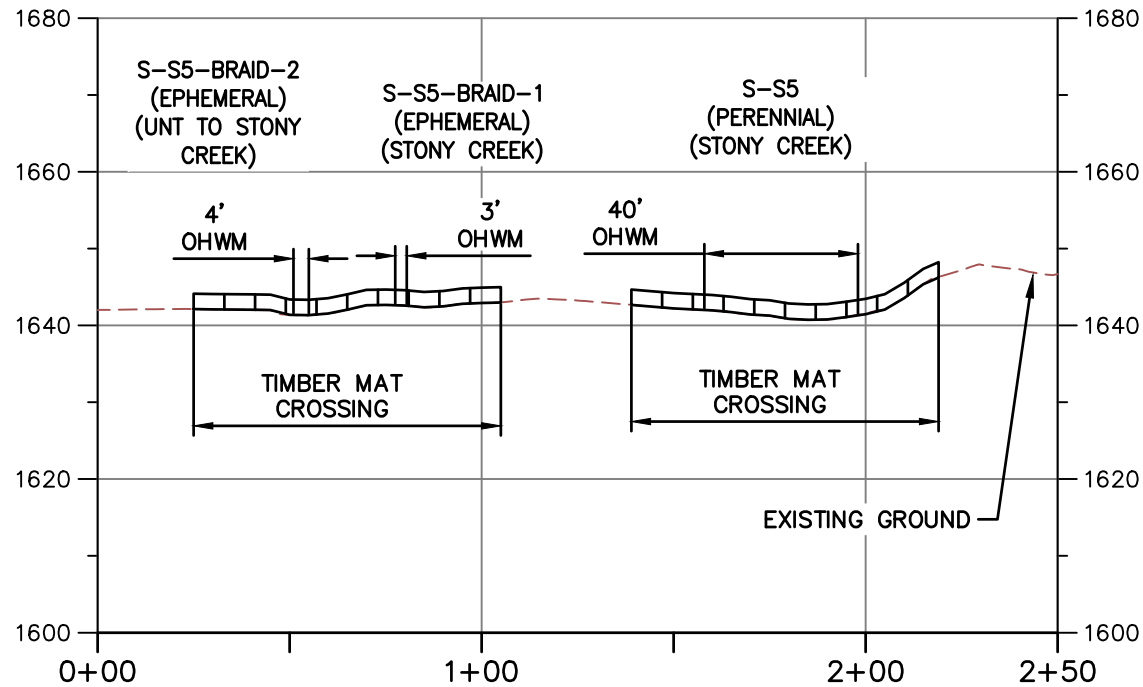
STATION = 10486+04

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/12/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	JZ
CHECKED BY:	RE
SHEET: 2 OF 2	
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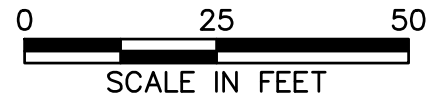




PROFILE A-A

HORIZONTAL

VERTICAL



NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
3. APPROVED ESC AND SWM MEASURES ARE NOT SHOWN FOR CLARITY.
4. PIPELINE NOT SHOWN ON PROFILE BECAUSE IT HAS BEEN PREVIOUSLY CONSTRUCTED AND DOES NOT HAVE A CURRENT IMPACT.



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STREAM CROSSING

STREAM NAME: S-S5 (STONY CREEK), S-S5-BRAID-1 (STONY CREEK), AND S-S5-BRAID-2 (UNT TO STONY CREEK)

LAT./LONG. = 37.360071, -80.683960

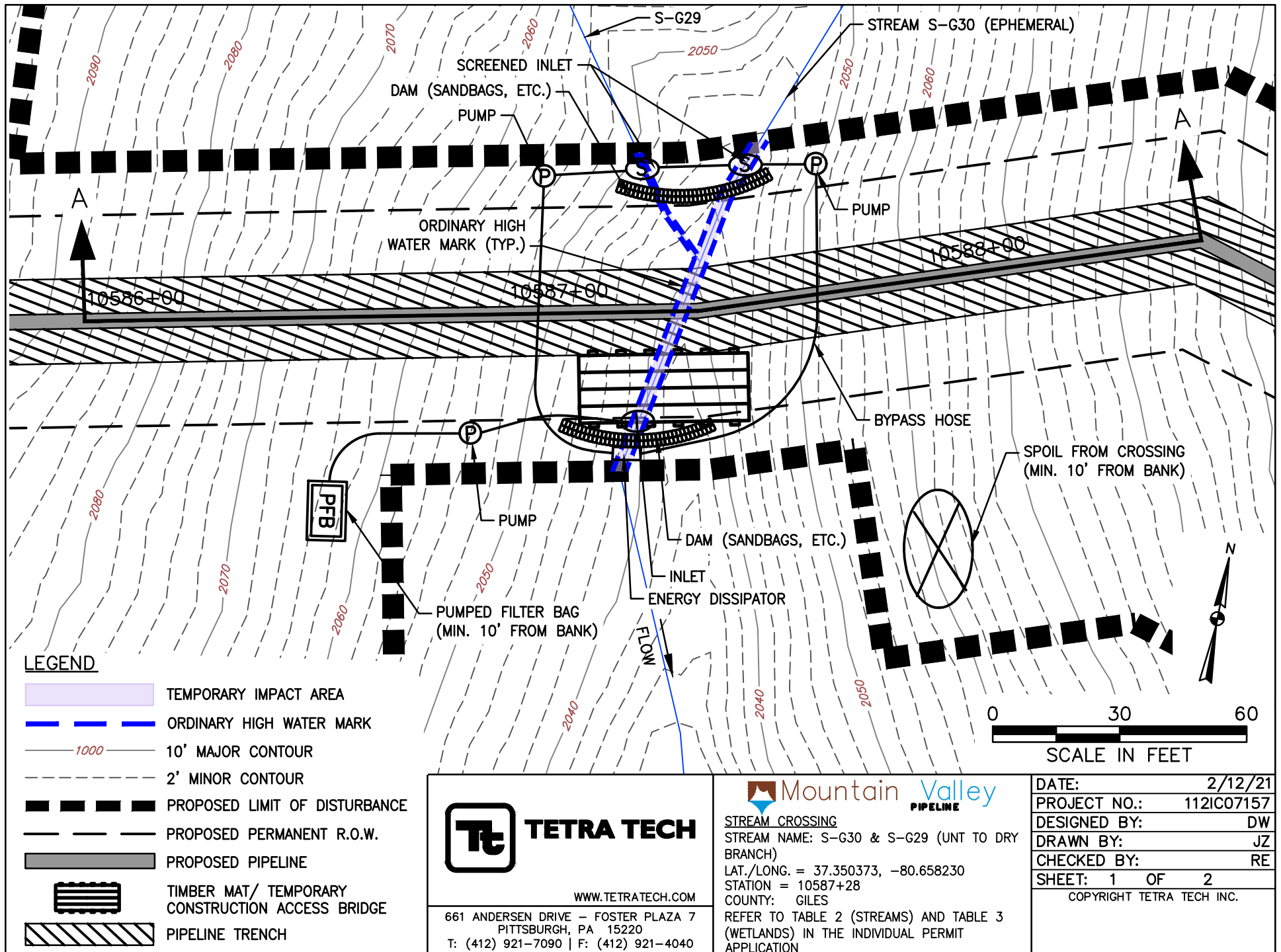
STATION = 10500+44

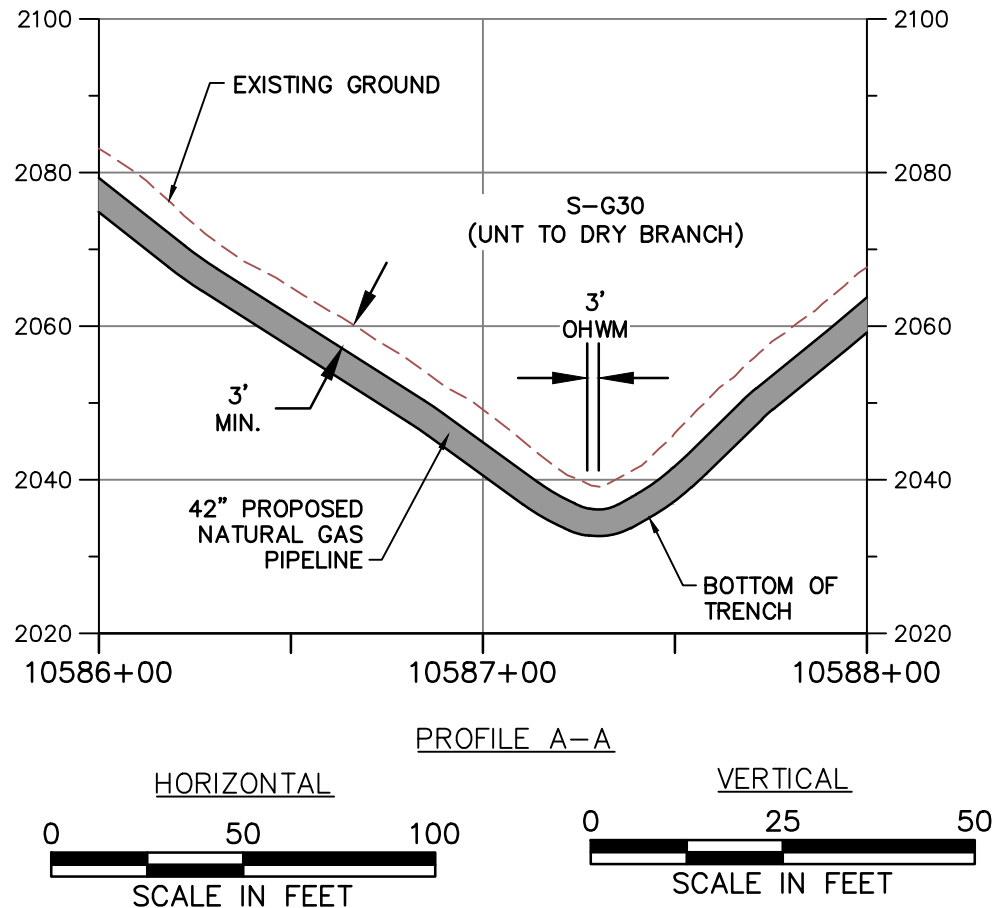
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/17/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	AJL
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SHEET: 2 OF 2	

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NOTE:

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STREAM CROSSING

STREAM NAME: S-G30 & S-G29 (UNT TO DRY BRANCH)

LAT./LONG. = 37.350373, -80.658230

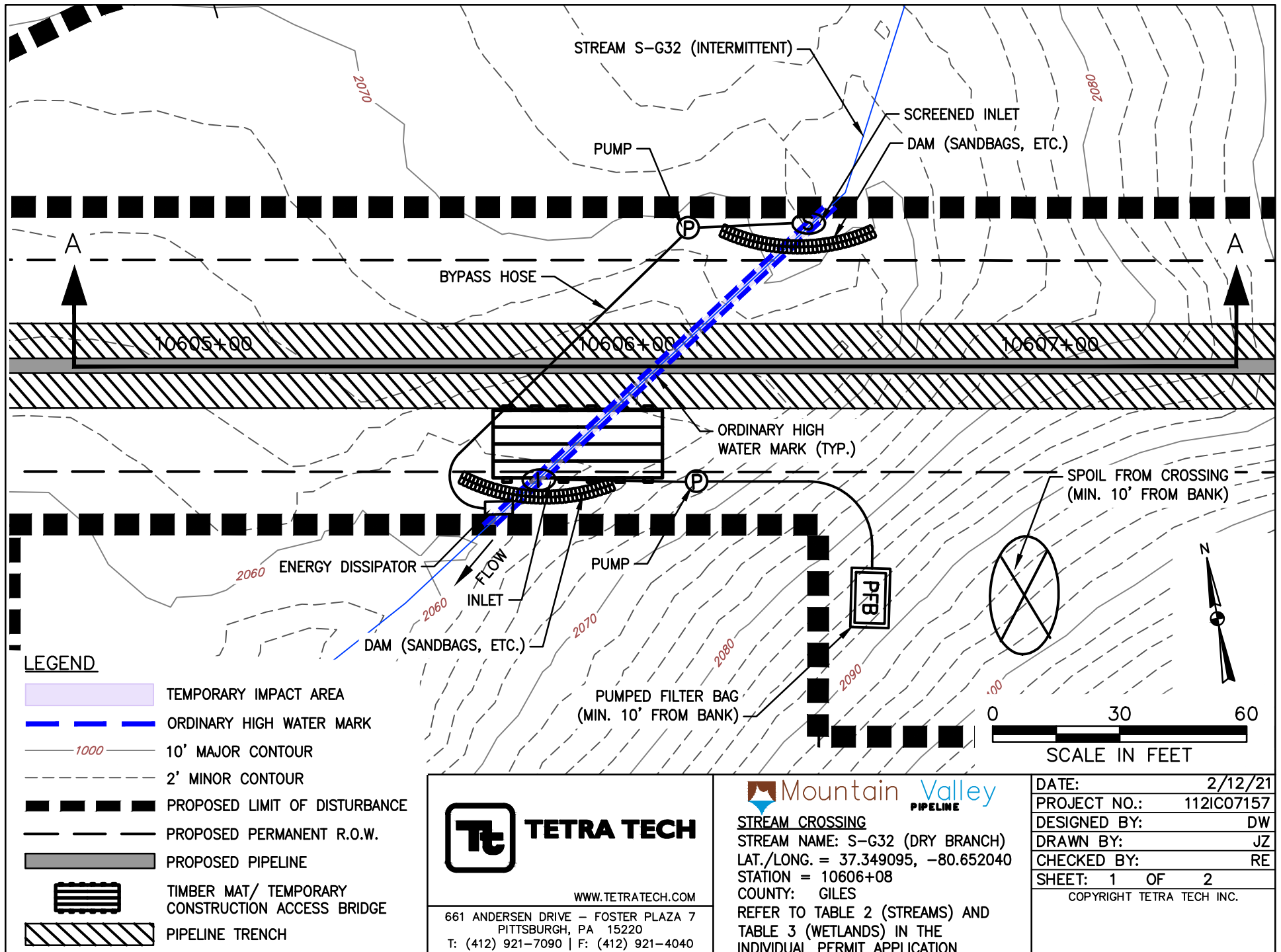
STATION = 10587+28

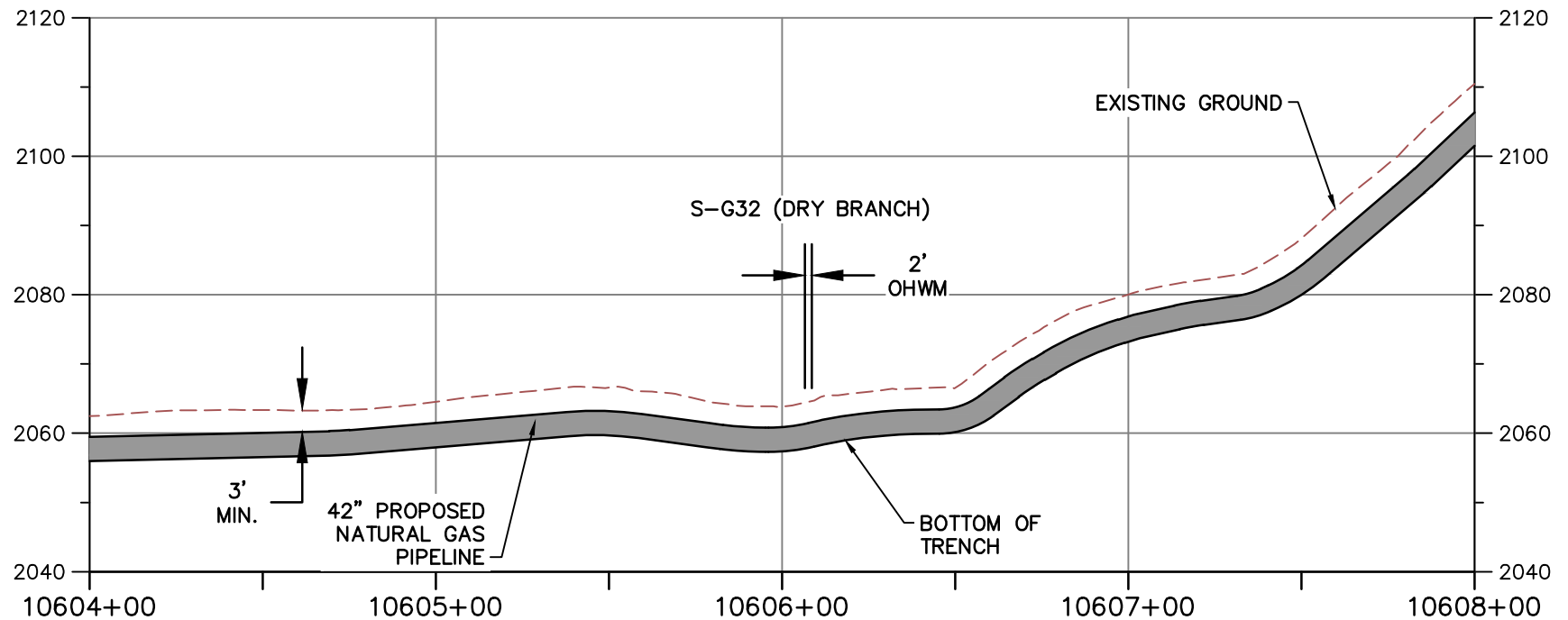
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/12/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
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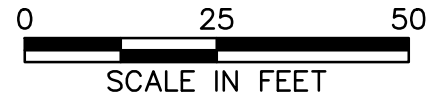


PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

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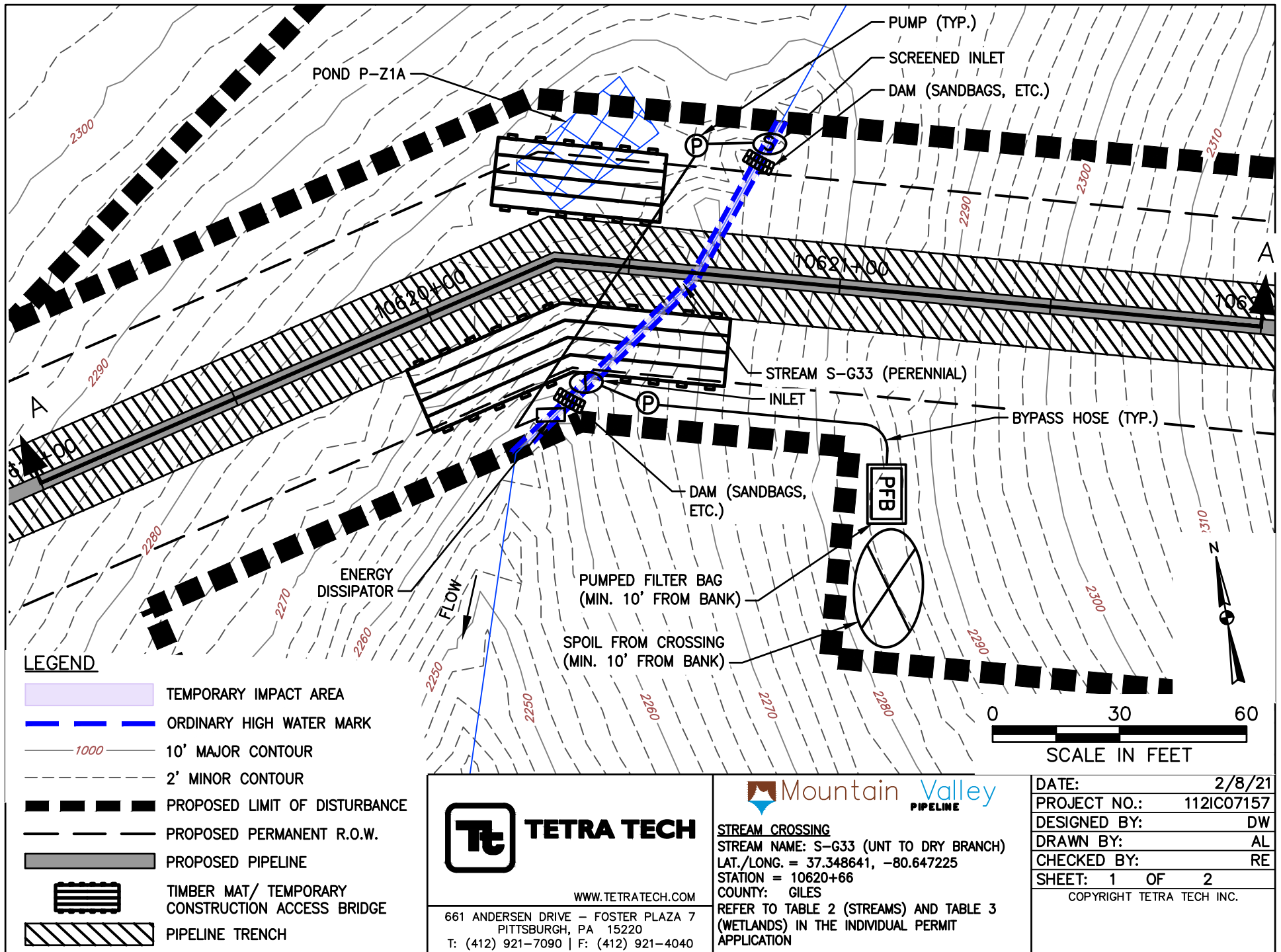


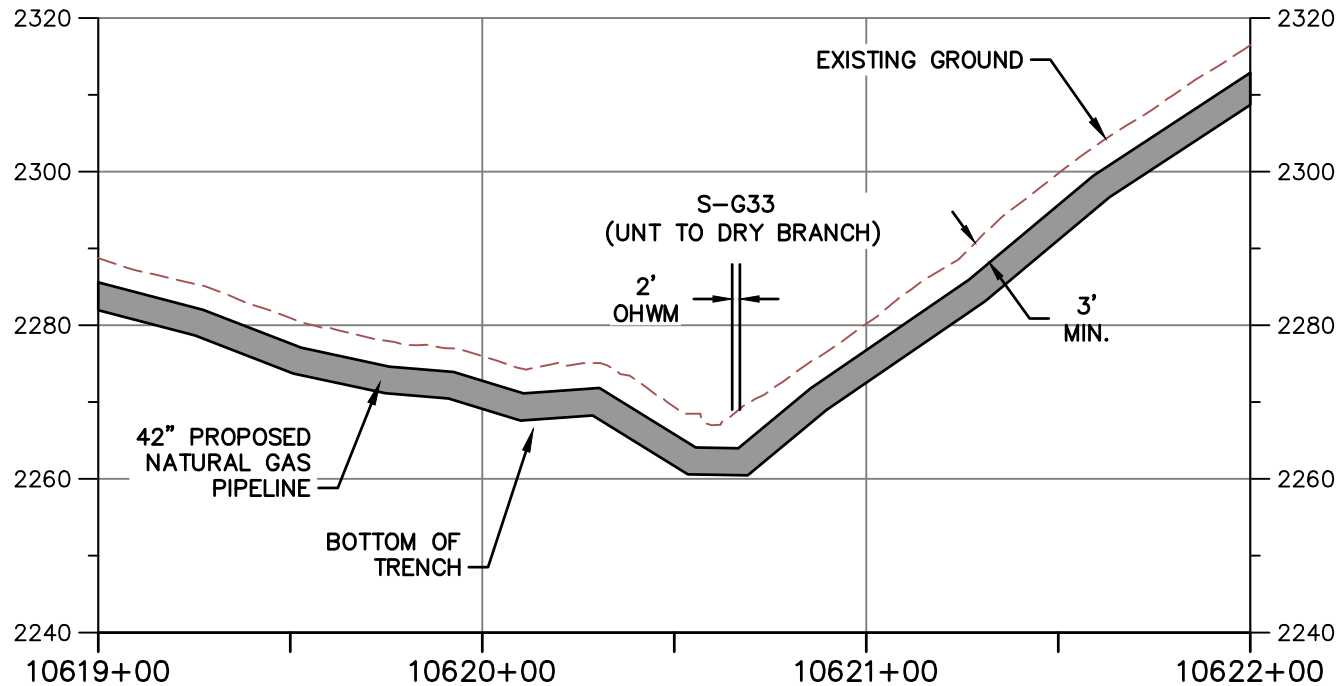
STREAM CROSSING

STREAM NAME: S-G32 (DRY BRANCH)
LAT./LONG. = 37.349095, -80.652040
STATION = 10606+08
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND
TABLE 3 (WETLANDS) IN THE
INDIVIDUAL PERMIT APPLICATION

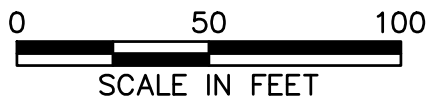
DATE:	2/12/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	JZ
CHECKED BY:	RE
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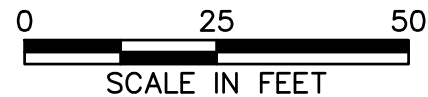


PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

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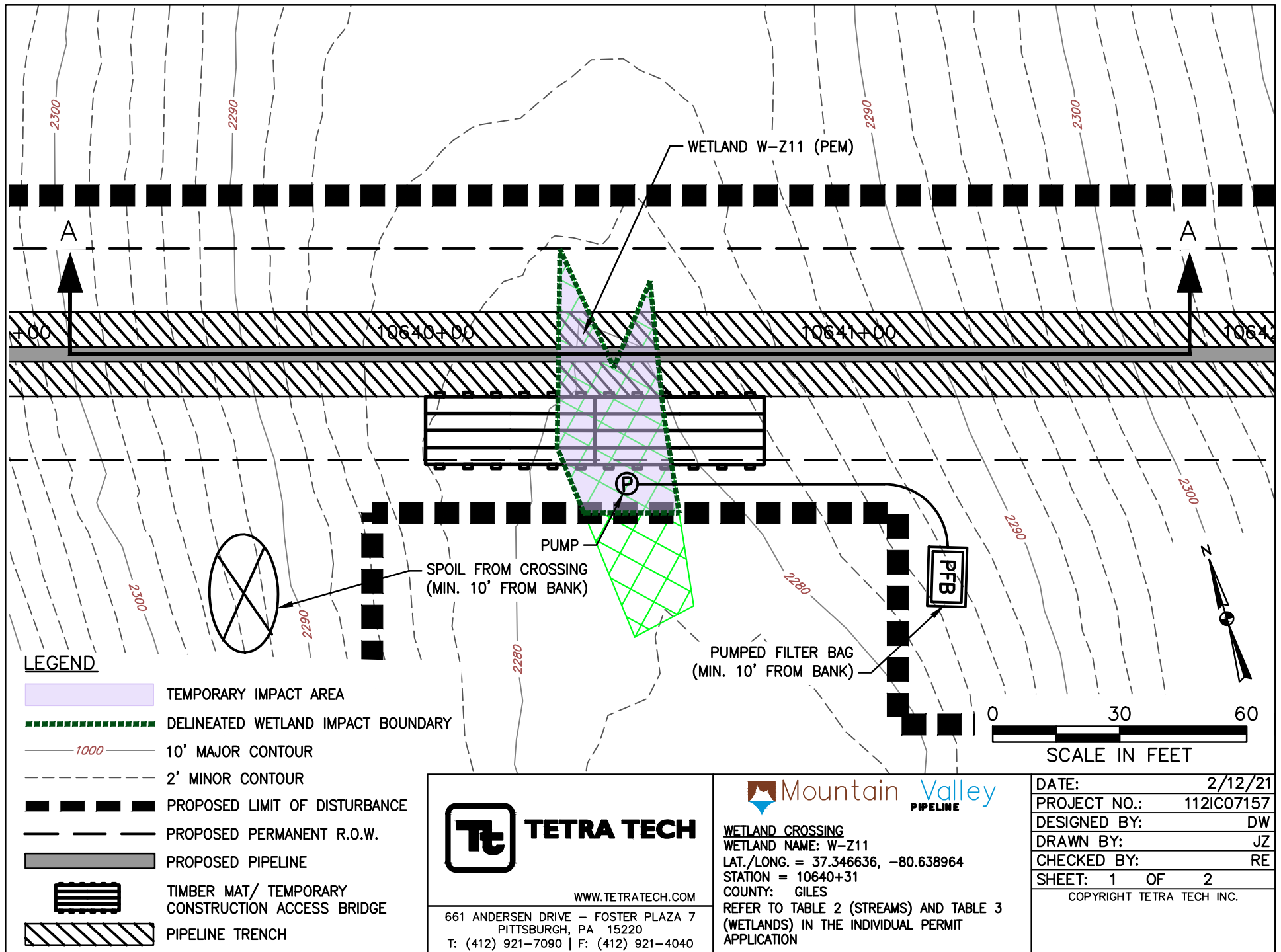


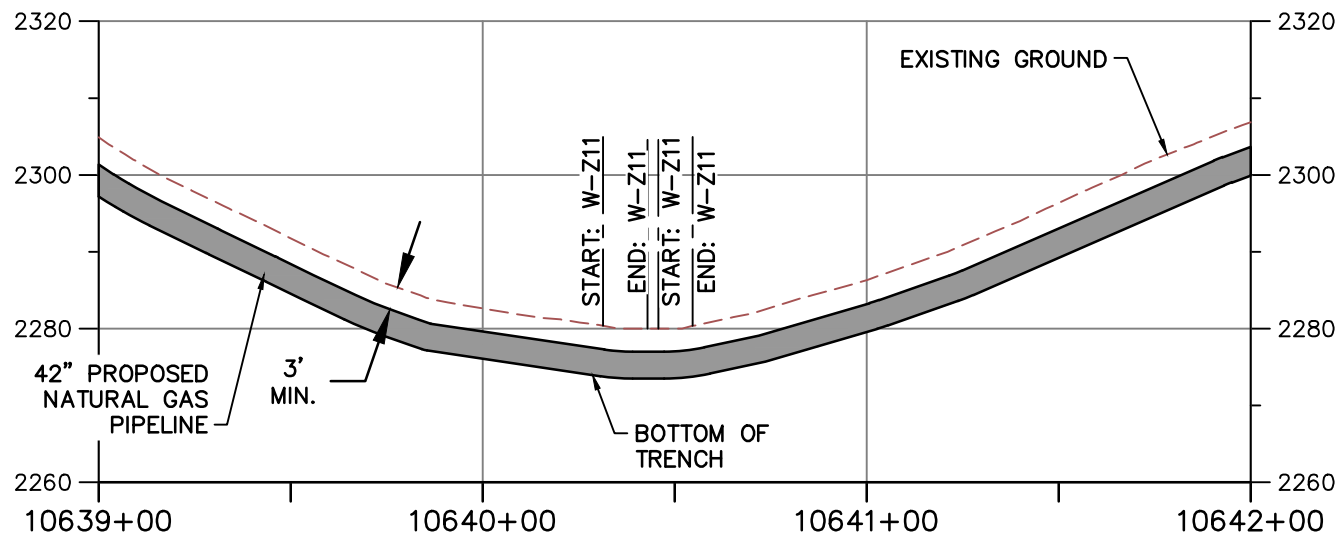
STREAM CROSSING

STREAM NAME: S-G33 (UNT TO DRY BRANCH)
LAT./LONG. = 37.348641, -80.647225
STATION = 10620+66
COUNTY: GILES
REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/8/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	AL
CHECKED BY:	RE
SHEET: 2 OF 2	

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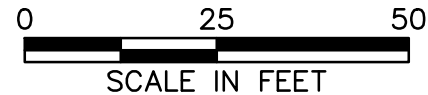


PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

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WETLAND CROSSING

WETLAND NAME: W-Z11

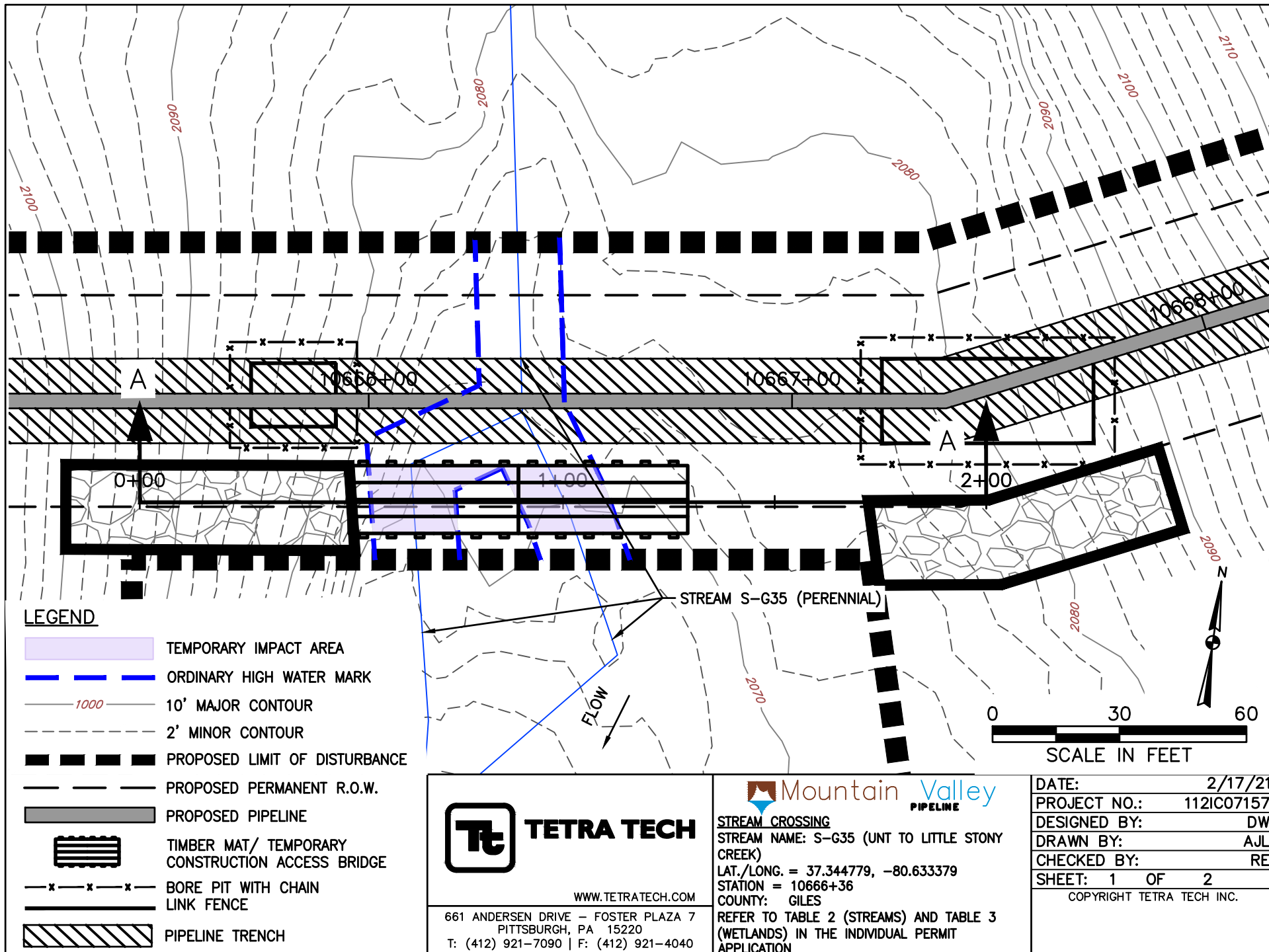
LAT./LONG. = 37.346636, -80.638964

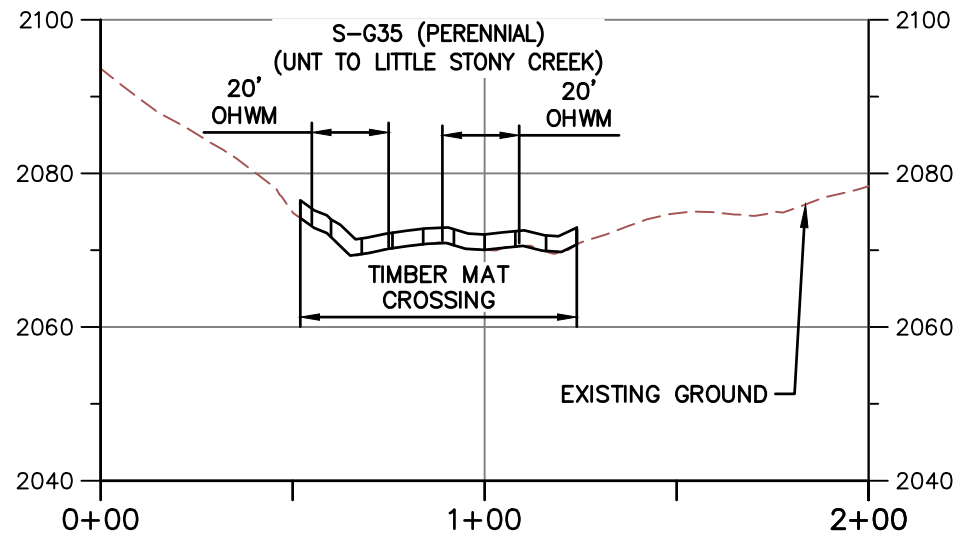
STATION = 10640+31

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/12/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	JK
CHECKED BY:	RE
SHEET: 2 OF 2	
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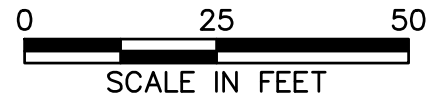




PROFILE A-A

HORIZONTAL

VERTICAL



NOTE:

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4. PIPELINE NOT SHOWN ON PROFILE BECAUSE IT IS A BORE BELOW SURFACE WATER AND DOES NOT CREATE AN IMPACT.



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STREAM CROSSING

STREAM NAME: S-G35 (UNT TO LITTLE STONY CREEK)

LAT./LONG. = 37.344779, -80.633379

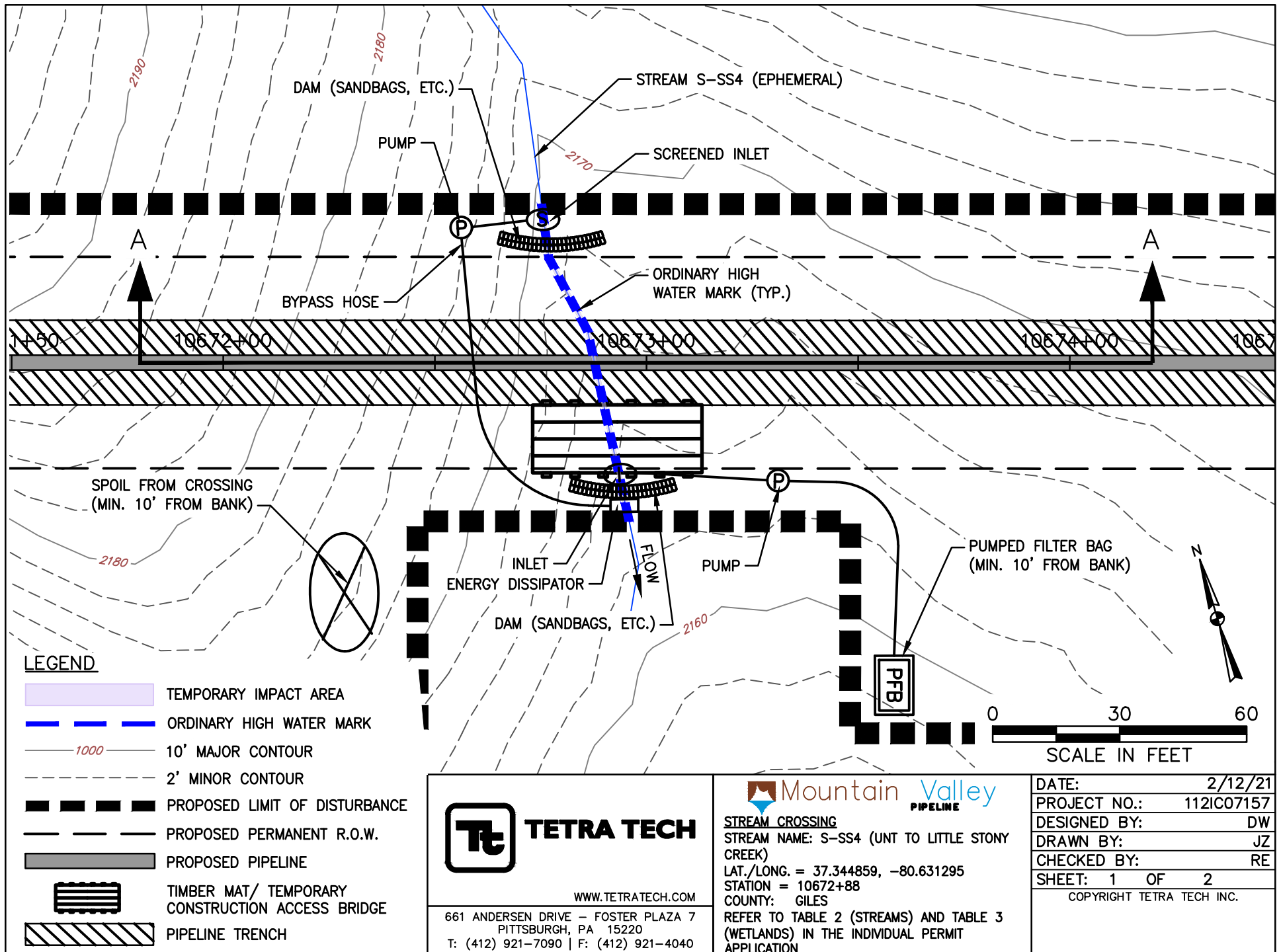
STATION = 10666+36

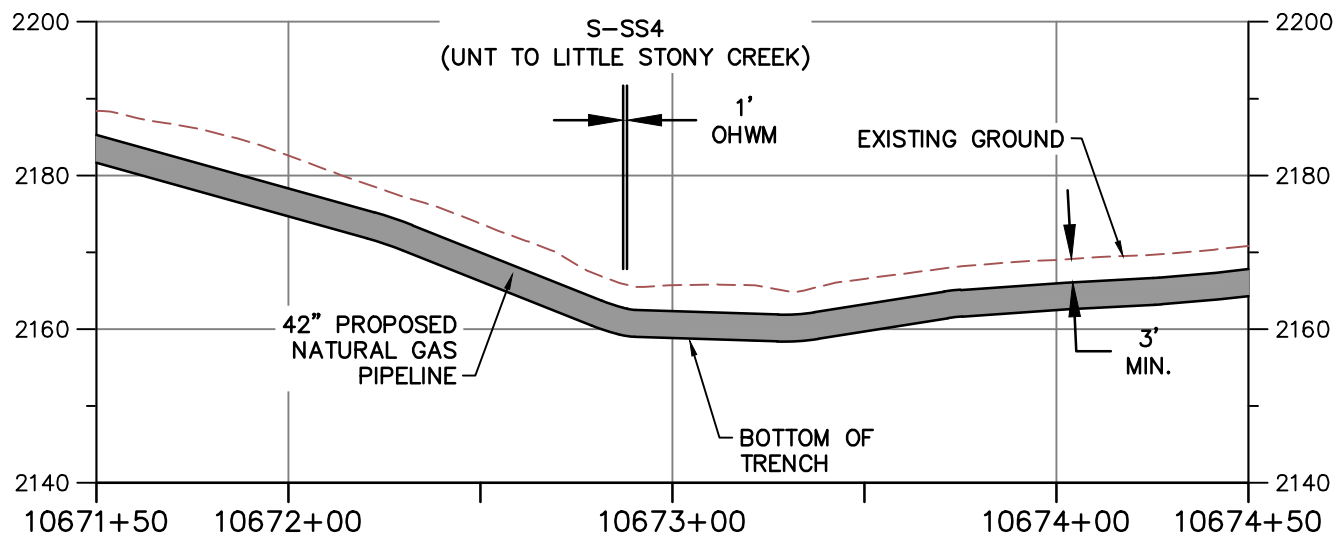
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/17/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	AJL
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SHEET:	2 OF 2

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PROFILE A-A

HORIZONTAL

VERTICAL



NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
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STREAM CROSSING

STREAM NAME: S-SS4 (UNT TO LITTLE STONY CREEK)

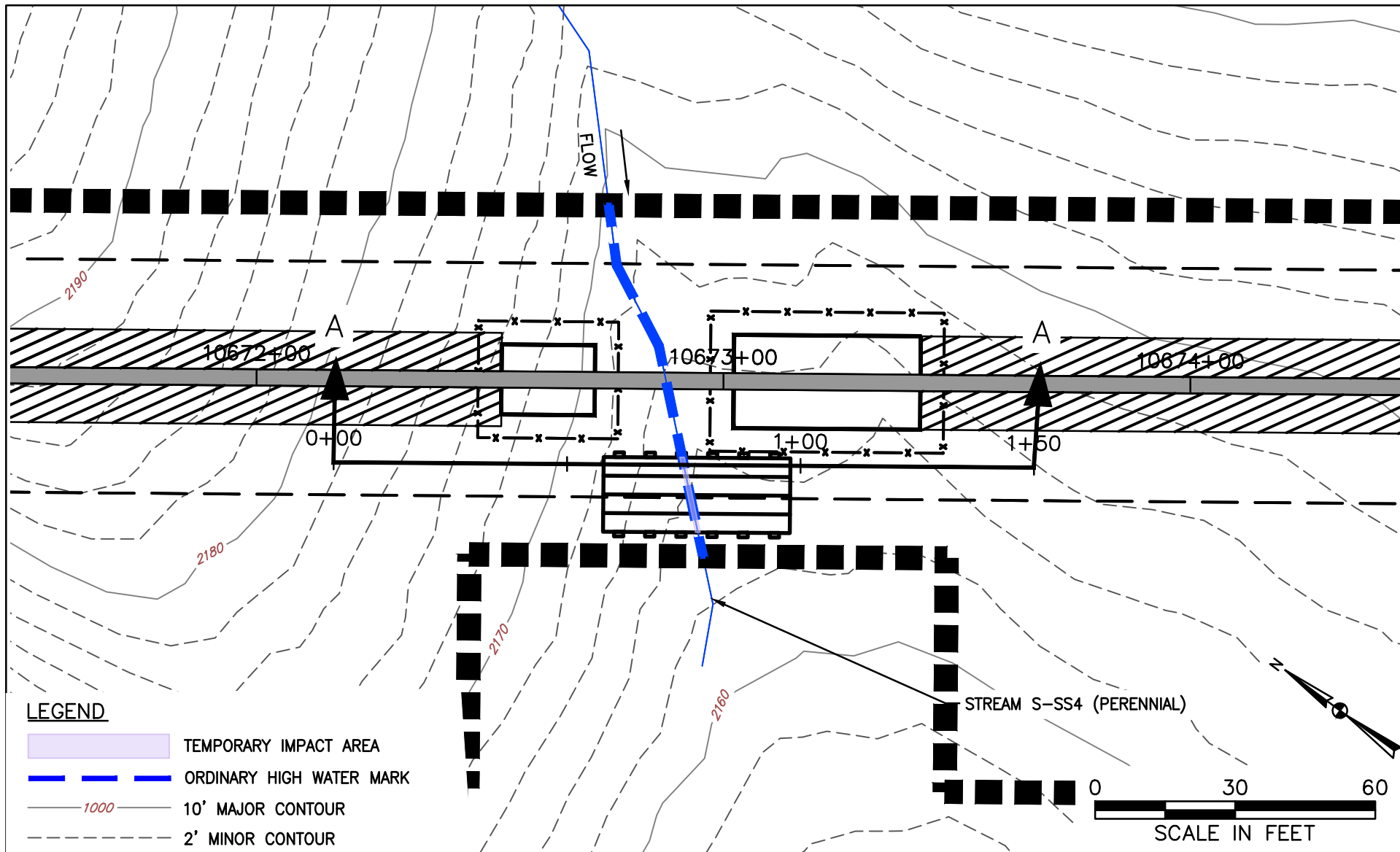
LAT./LONG. = 37.344859, -80.631295

STATION = 10672+88

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/12/21
PROJECT NO.:	112IC07157
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CHECKED BY:	RE
SHEET: 2 OF 2	
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LEGEND

- TEMPORARY IMPACT AREA
- ORDINARY HIGH WATER MARK
- 10' MAJOR CONTOUR
- 2' MINOR CONTOUR
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED PERMANENT R.O.W.
- PROPOSED PIPELINE
- TIMBER MAT/ TEMPORARY CONSTRUCTION ACCESS BRIDGE
- BORE PIT WITH CHAIN LINK FENCE



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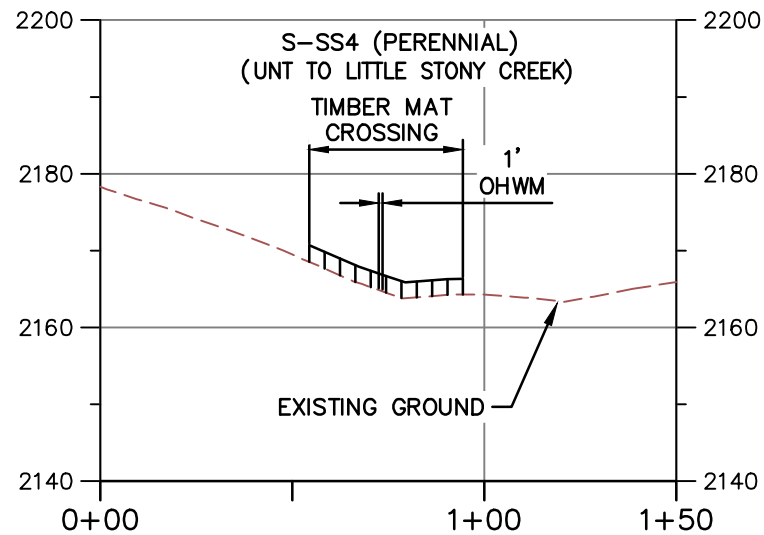


STREAM CROSSING

STREAM NAME: S-SS4 (UNT TO LITTLE STONY CREEK)
LAT./LONG. = 37.344859, -80.631295
STATION = 10672+88
COUNTY: GILES
REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/17/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	JP
CHECKED BY:	RE
SHEET:	1 OF 2

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PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

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STREAM CROSSING

STREAM NAME: S-SS4 (UNT TO LITTLE STONY CREEK)

LAT./LONG. = 37.344859, -80.631295

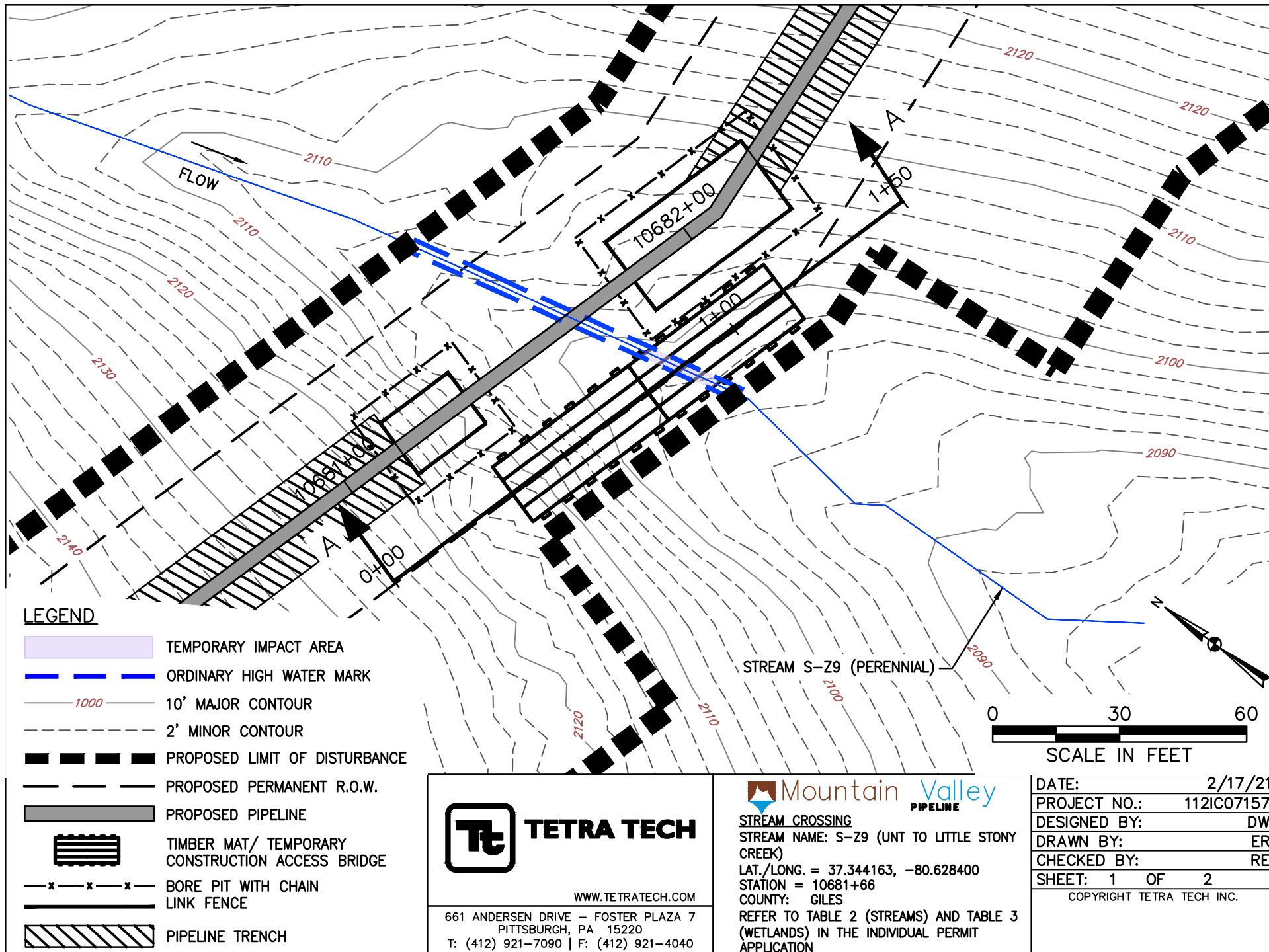
STATION = 10672+88

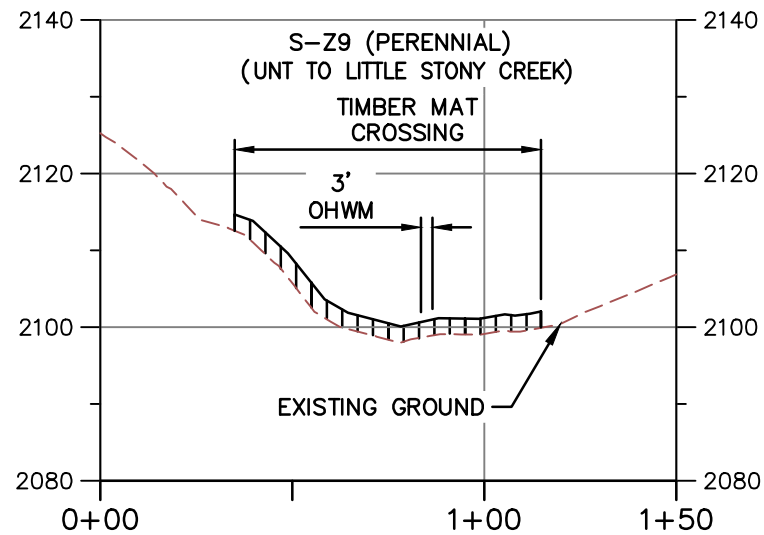
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/17/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	JP
CHECKED BY:	RE
SHEET: 2 OF 2	

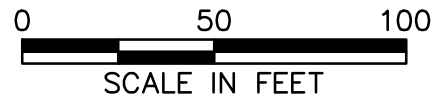
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PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
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STREAM CROSSING

STREAM NAME: S-Z9 (UNT TO LITTLE STONY CREEK)

LAT./LONG. = 37.344163, -80.628400

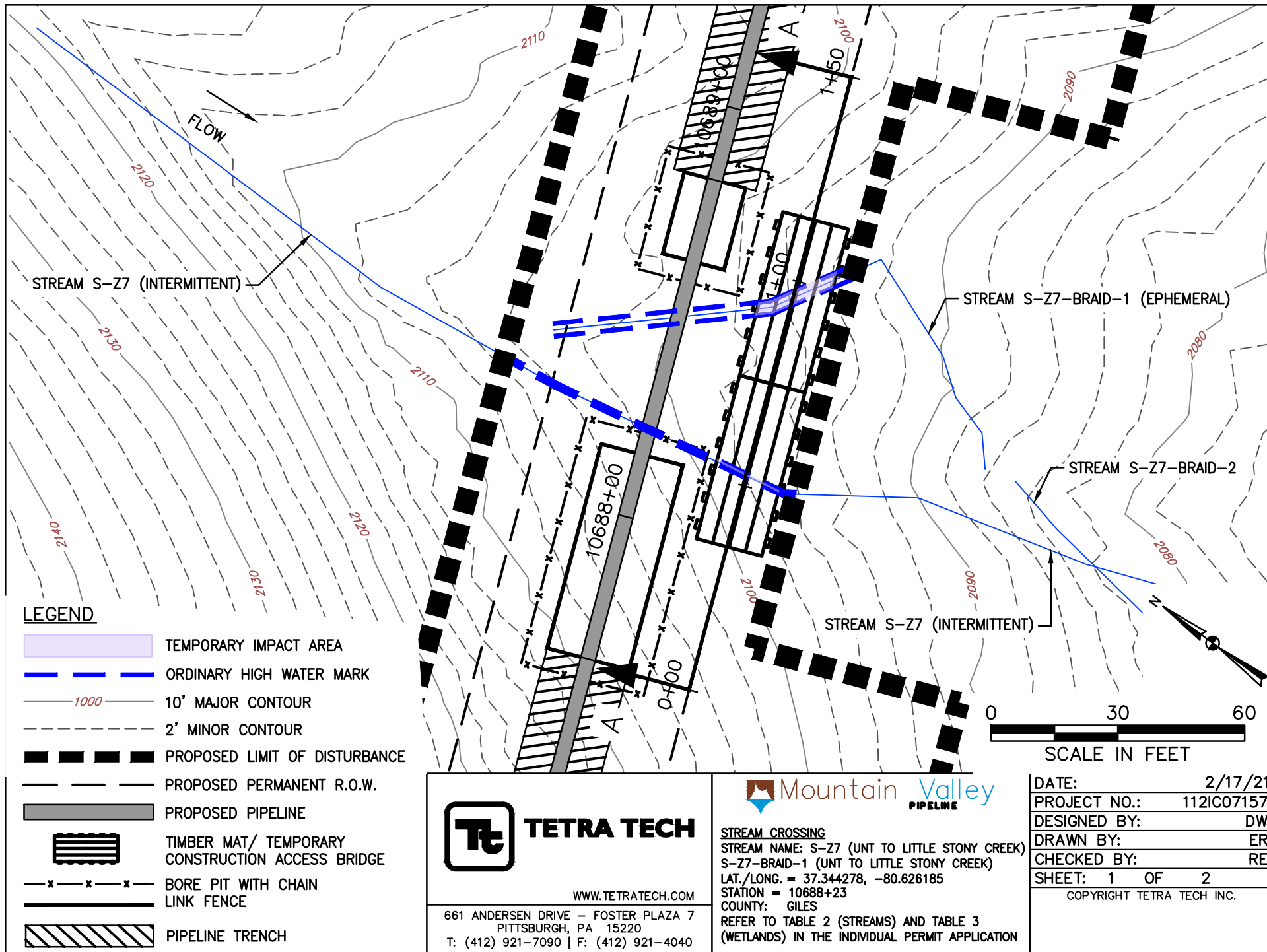
STATION = 10681+66

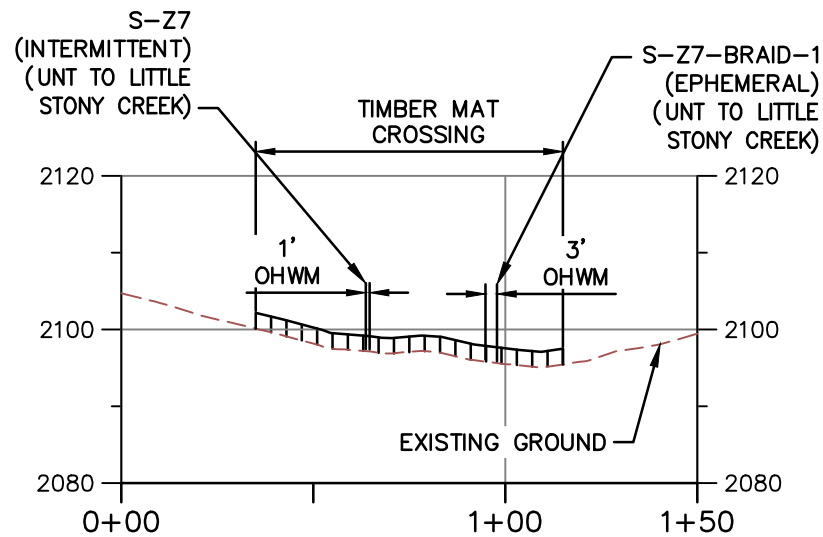
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/17/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	ER
CHECKED BY:	RE
SHEET:	2 OF 2

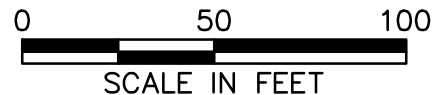
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PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
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STREAM CROSSING

STREAM NAME: S-Z7 (UNT TO LITTLE STONY CREEK)

S-Z7-BRAID-1 (UNT TO LITTLE STONY CREEK)

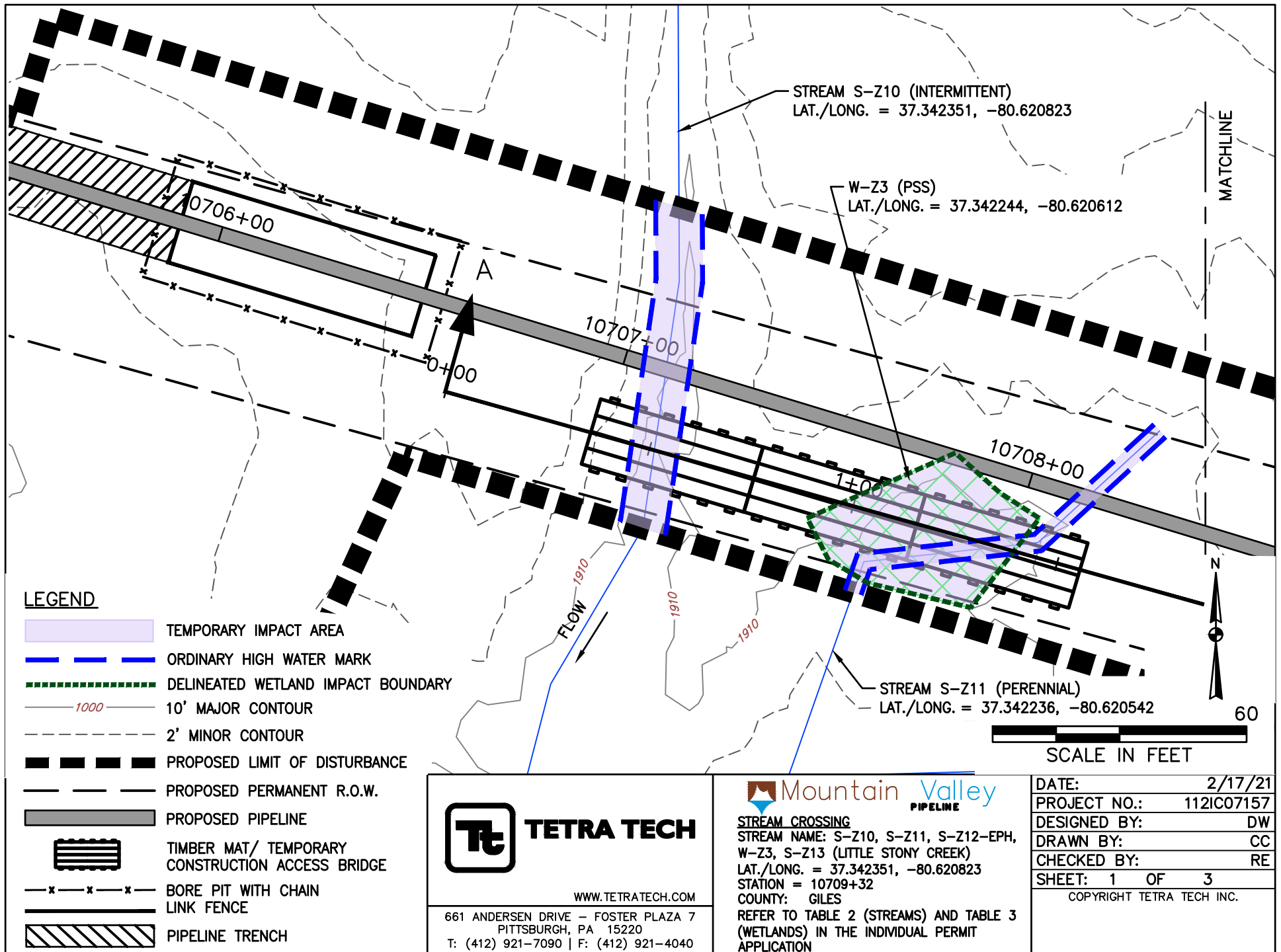
LAT./LONG. = 37.344278, -80.626185

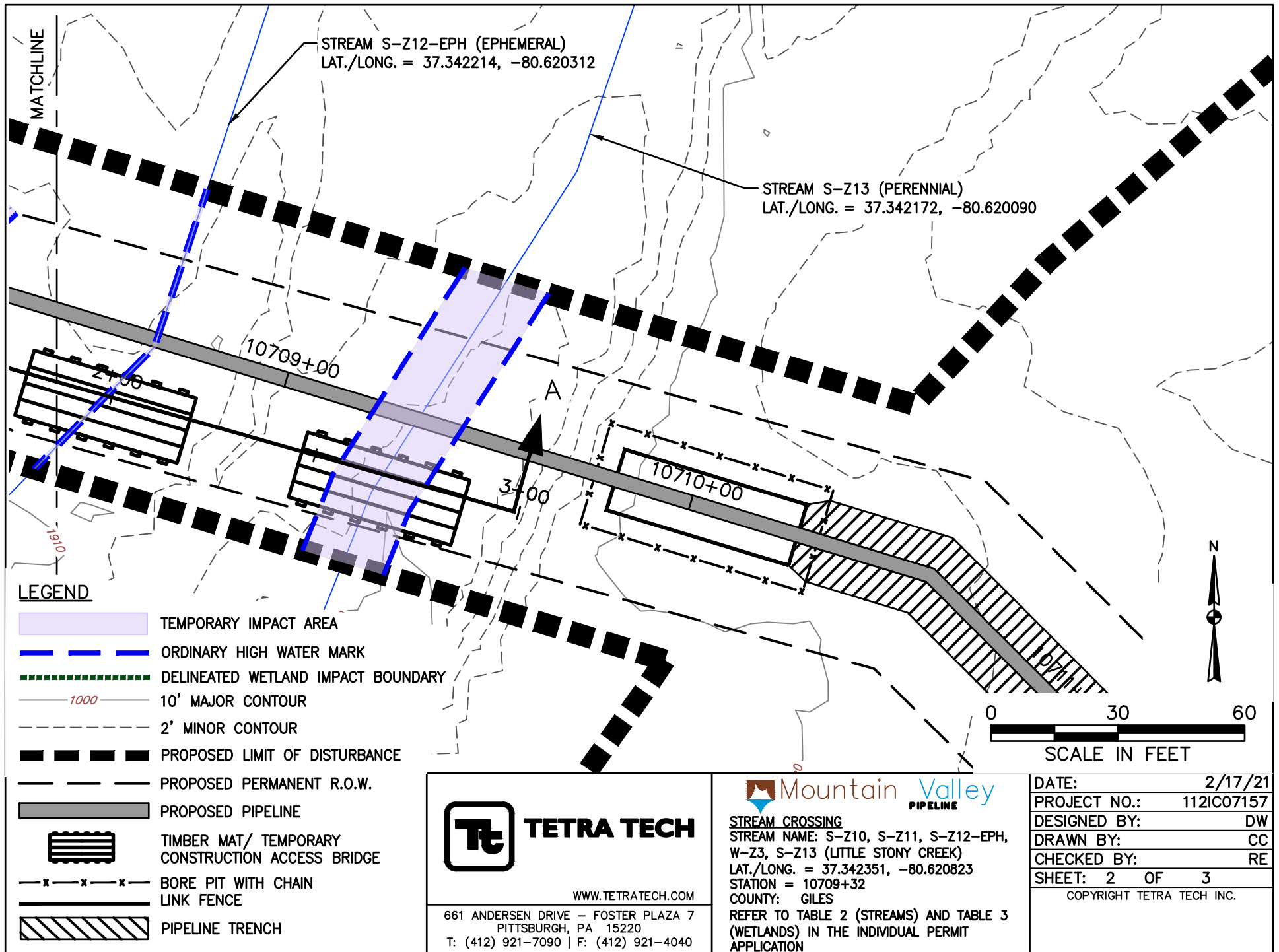
STATION = 10688+23

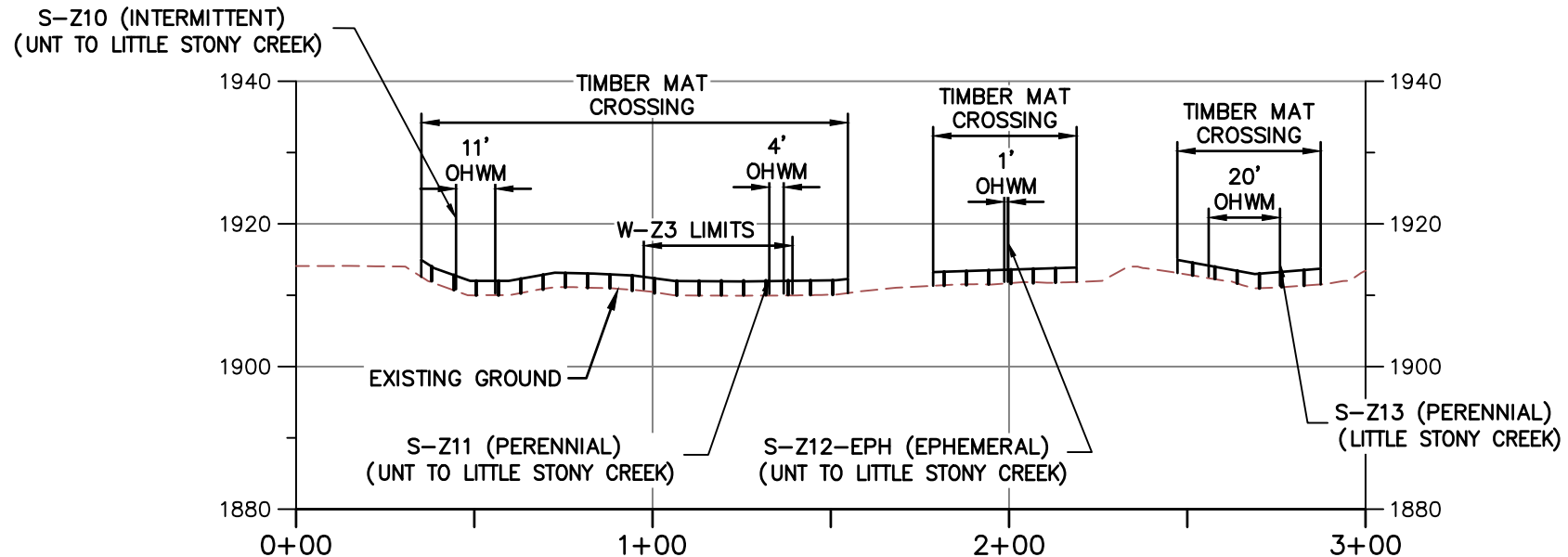
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/17/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	ER
CHECKED BY:	RE
SHEET: 2 OF 2	
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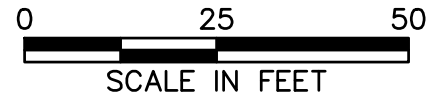


PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAM/WETLAND BED AND TOP OF PIPELINE.
2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
3. APPROVED ESC AND SWM MEASURES ARE NOT SHOWN FOR CLARITY.
4. PIPELINE NOT SHOWN ON PROFILE BECAUSE IT IS A BORE BELOW SURFACE WATER AND DOES NOT CREATE AN IMPACT.



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STREAM CROSSING

STREAM NAME: S-Z10, S-Z11, S-Z12-EPH,
W-Z3, S-Z13 (LITTLE STONY CREEK)

LAT./LONG. = 37.342351, -80.620823

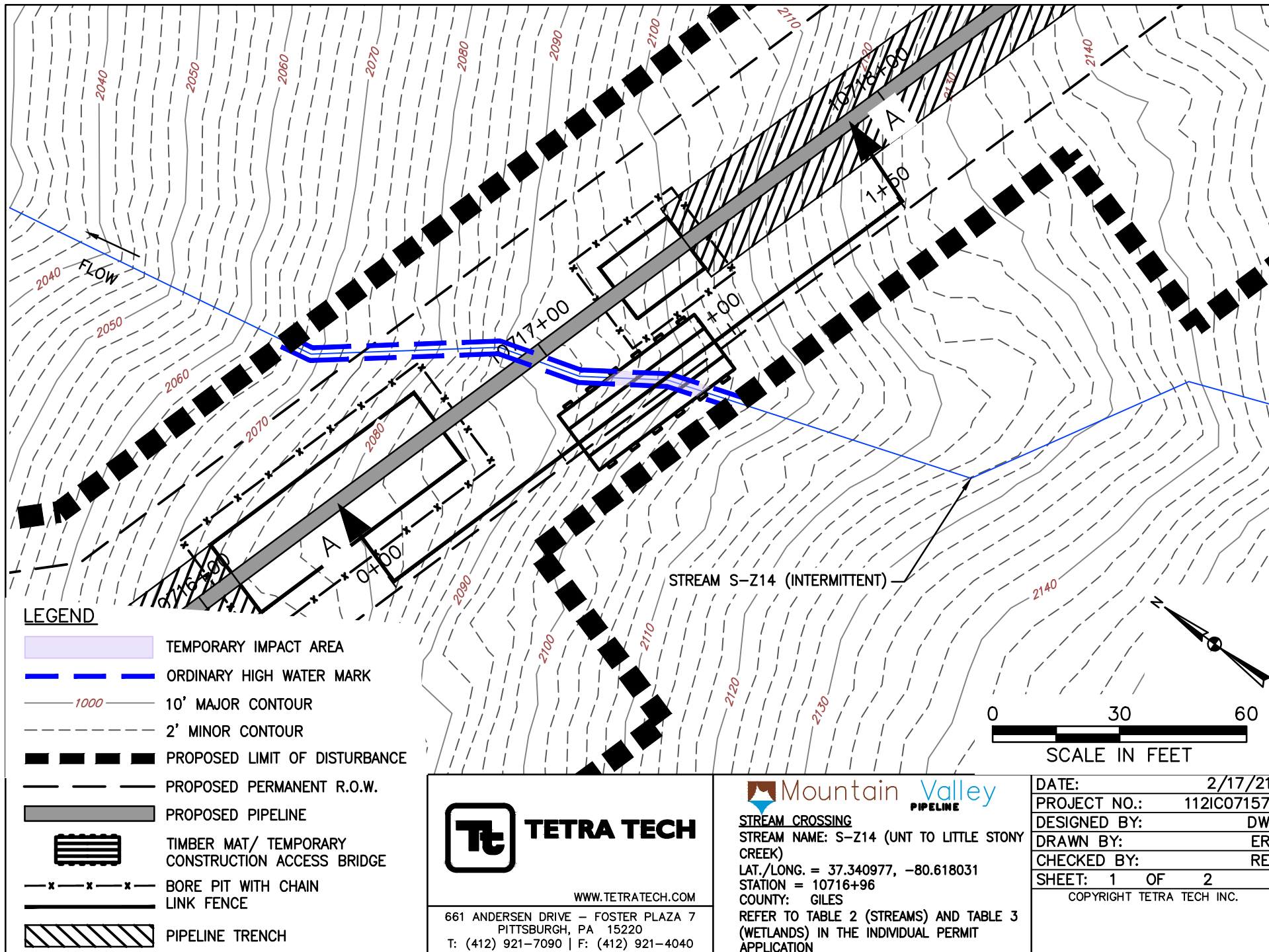
STATION = 10709+32

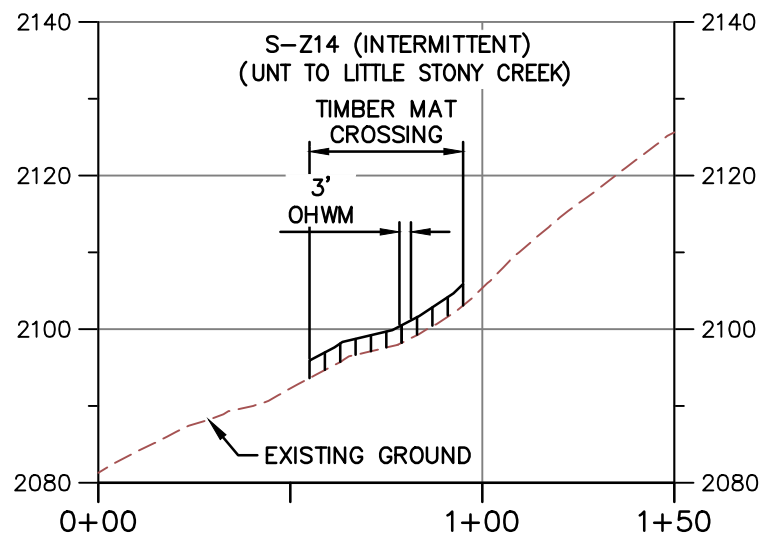
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3
(WETLANDS) IN THE INDIVIDUAL PERMIT
APPLICATION

DATE:	2/17/21
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PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
3. APPROVED ESC AND SWM MEASURES ARE NOT SHOWN FOR CLARITY.
4. PIPELINE NOT SHOWN ON PROFILE BECAUSE IT IS A BORE BELOW SURFACE WATER AND DOES NOT CREATE AN IMPACT.



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STREAM CROSSING

STREAM NAME: S-Z14 (UNT TO LITTLE STONY CREEK)

LAT./LONG. = 37.340977, -80.618031

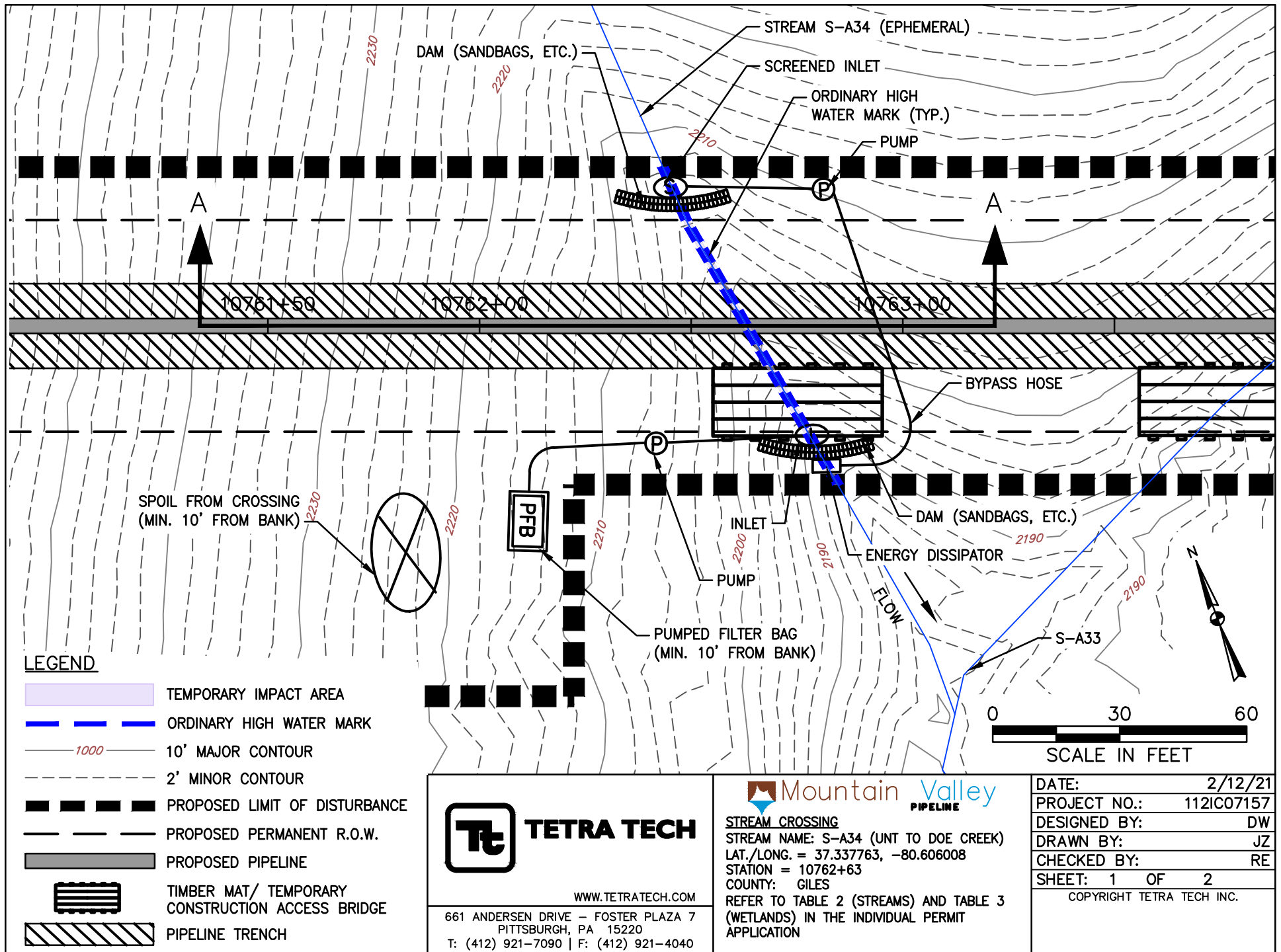
STATION = 10716+96

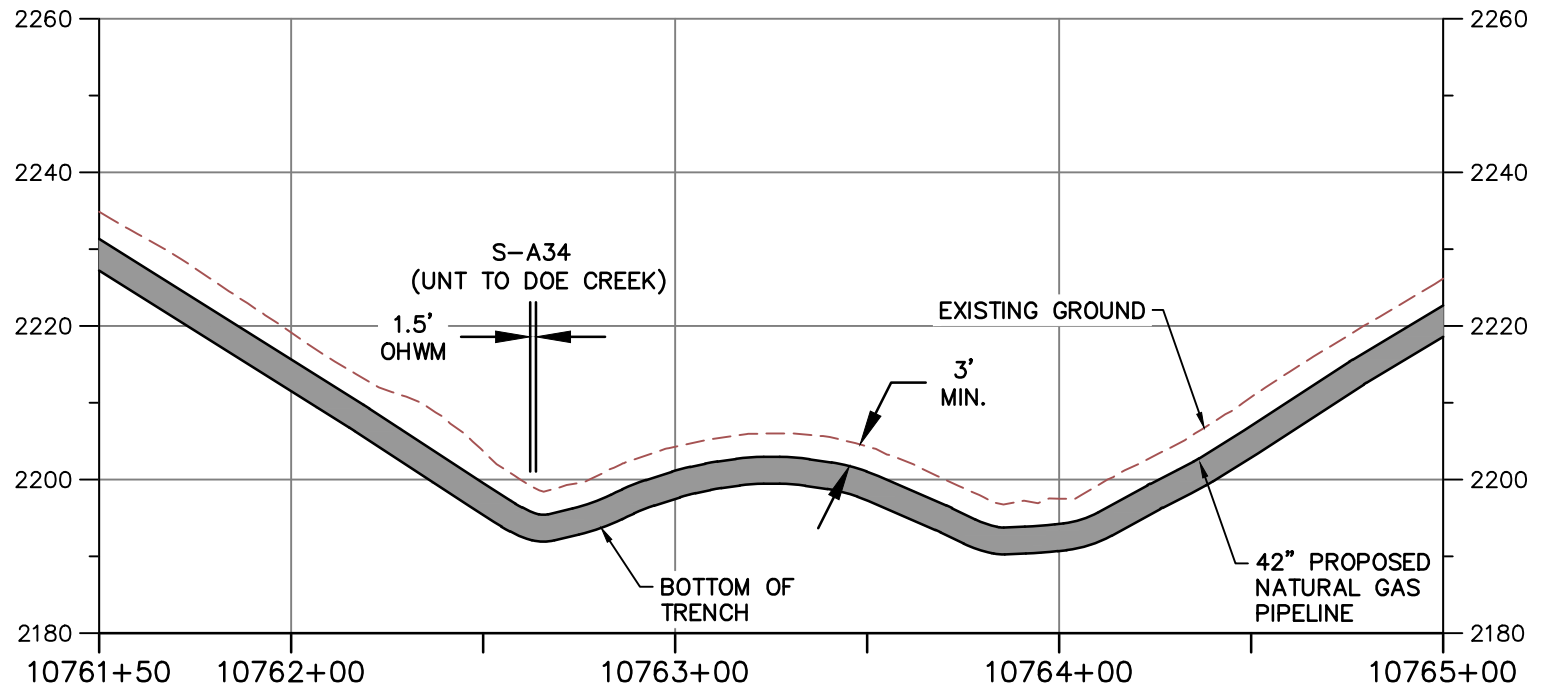
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/17/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
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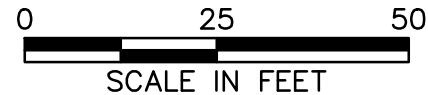




PROFILE A-A

HORIZONTAL

VERTICAL



NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
3. APPROVED ESC AND SWM MEASURES ARE NOT SHOWN FOR CLARITY



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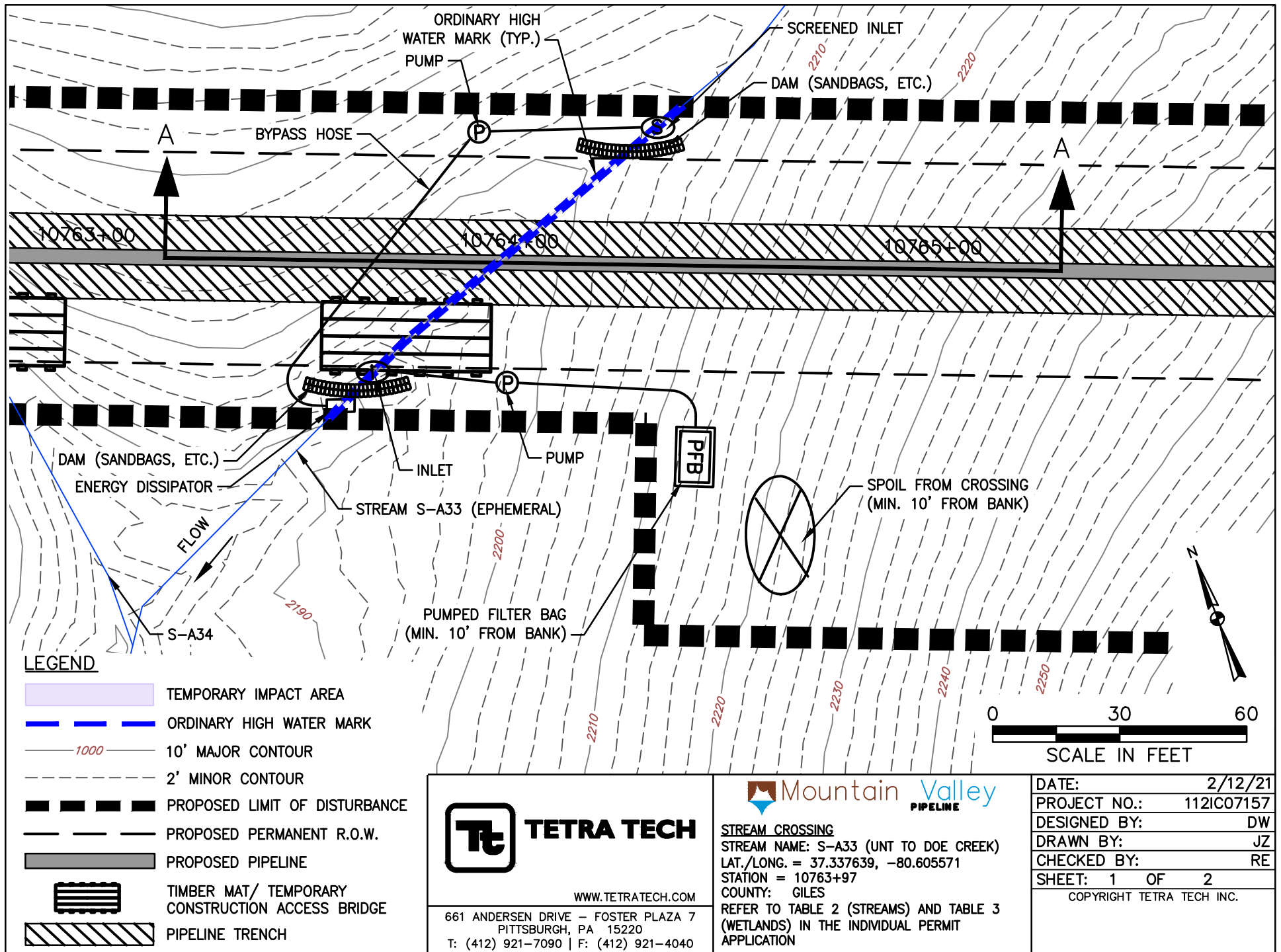


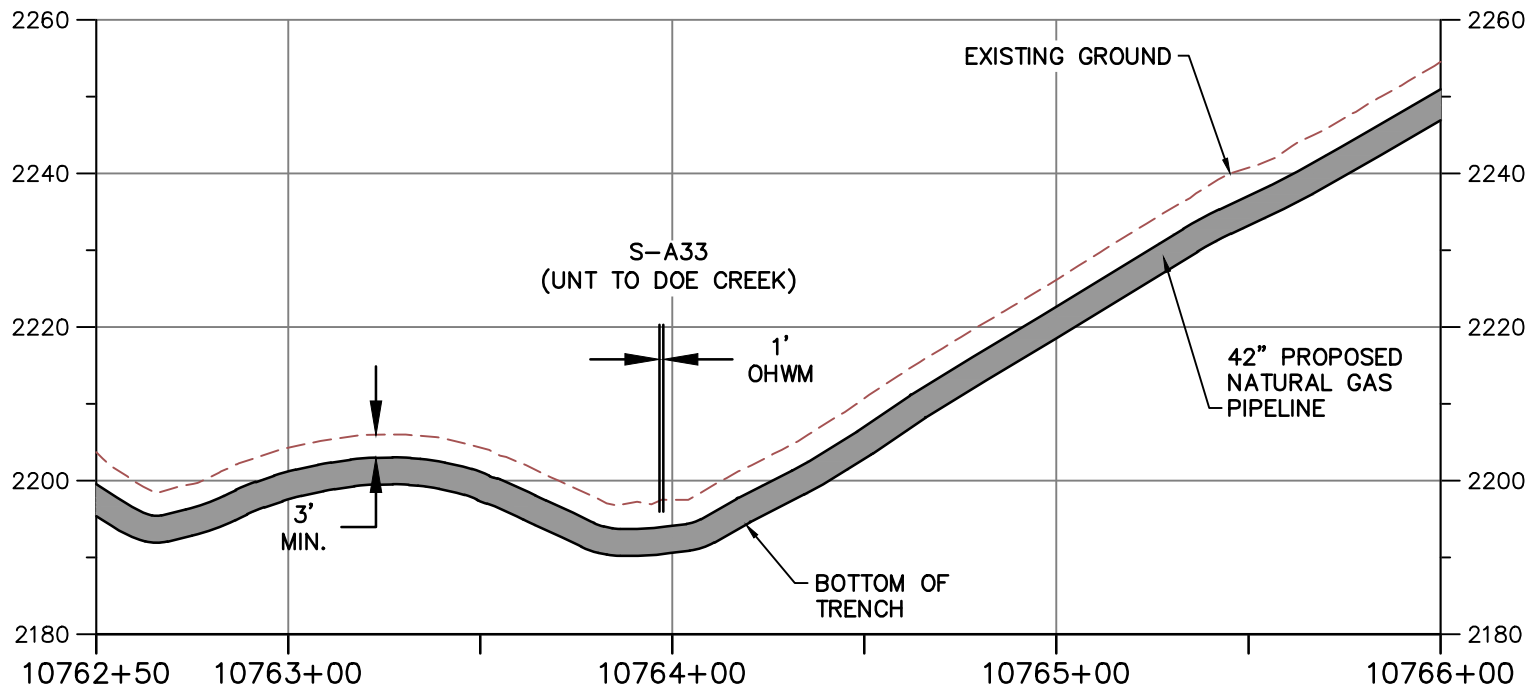
STREAM CROSSING

STREAM NAME: S-A34 (UNT TO DOE CREEK)
LAT./LONG. = 37.337763, -80.606008
STATION = 10762+63
COUNTY: GILES
REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/12/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
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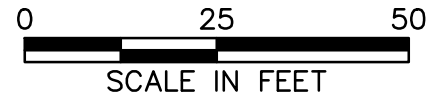




PROFILE A-A

HORIZONTAL

VERTICAL



NOTE:

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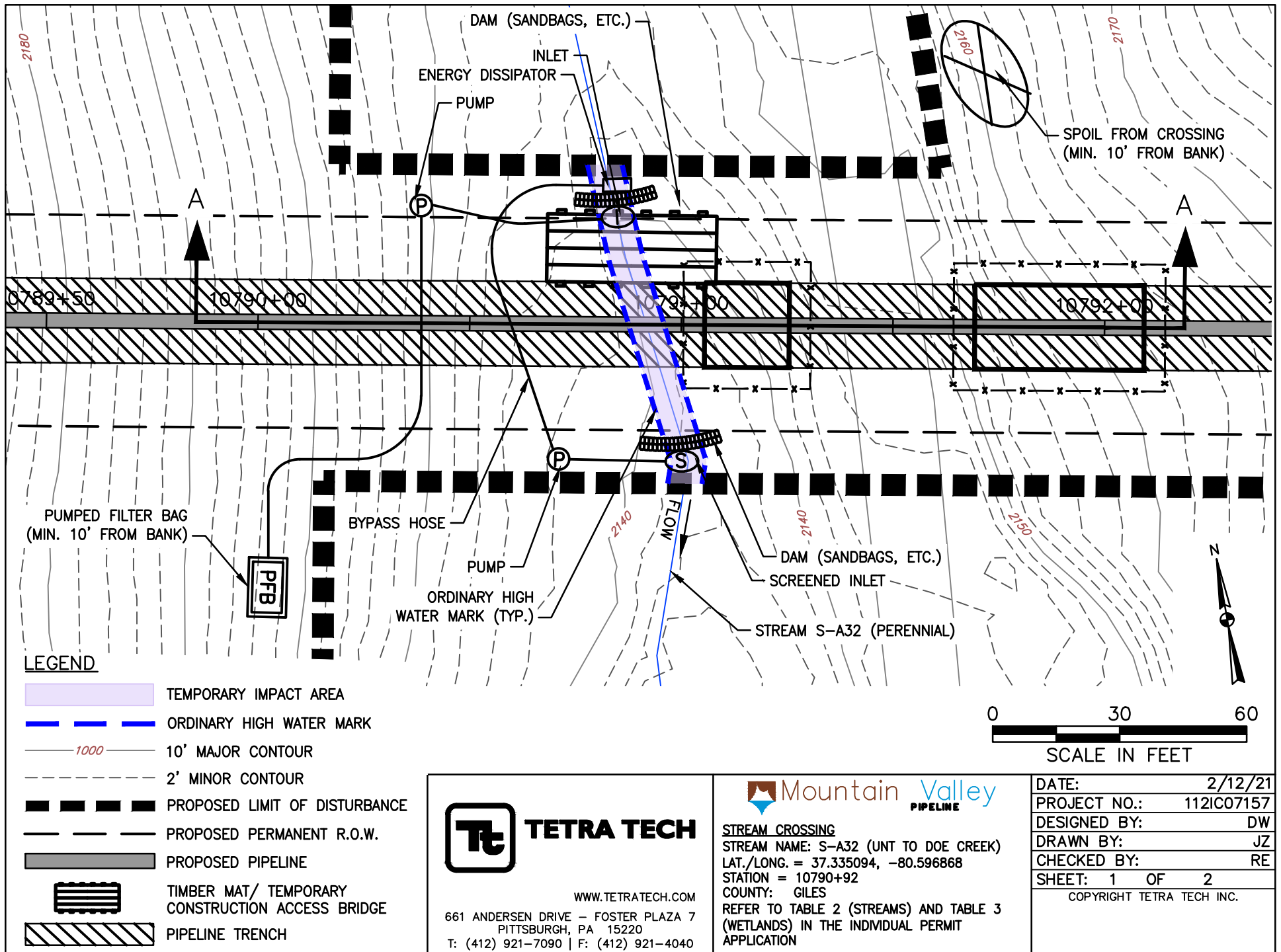
661 ANDERSEN DRIVE - FOSTER PLAZA 7
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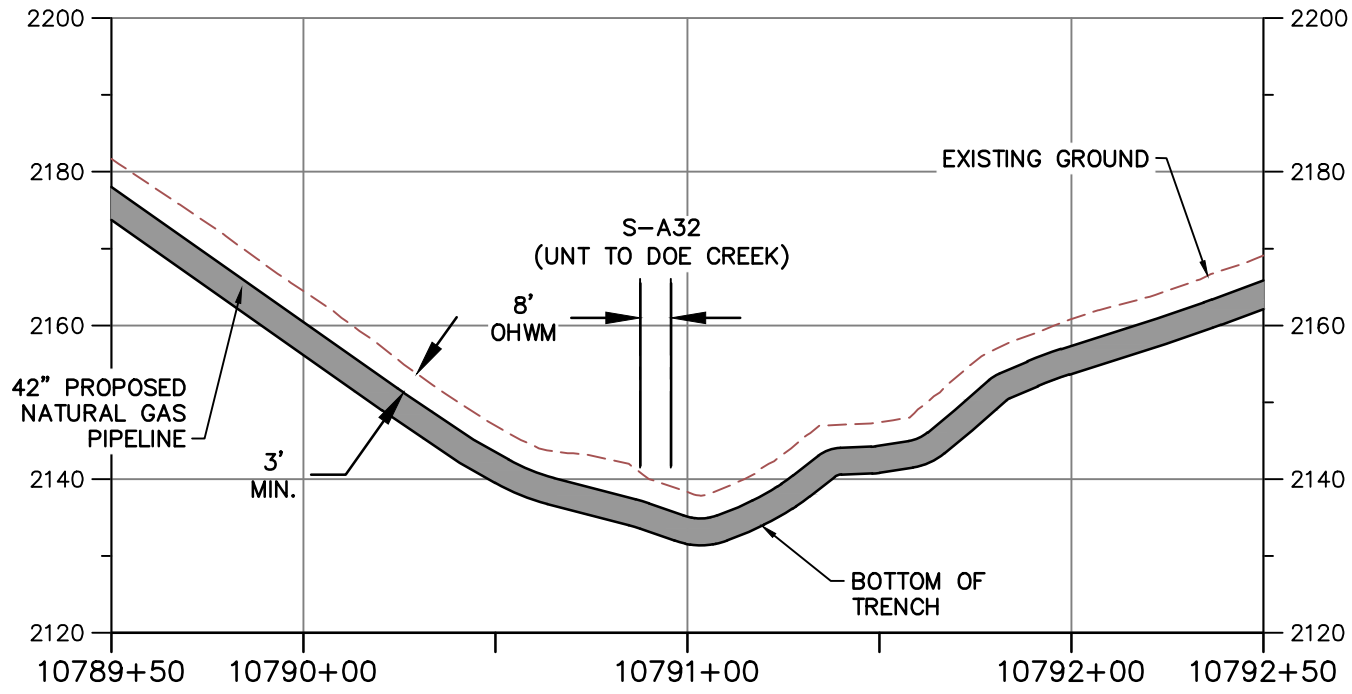


STREAM CROSSING

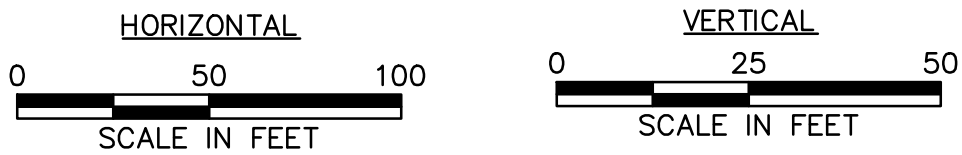
STREAM NAME: S-A33 (UNT TO DOE CREEK)
LAT./LONG. = 37.337639, -80.605571
STATION = 10763+97
COUNTY: GILES
REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

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PROFILE A-A



- NOTE:
1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
 2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
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STREAM CROSSING

STREAM NAME: S-A32 (UNT TO DOE CREEK)

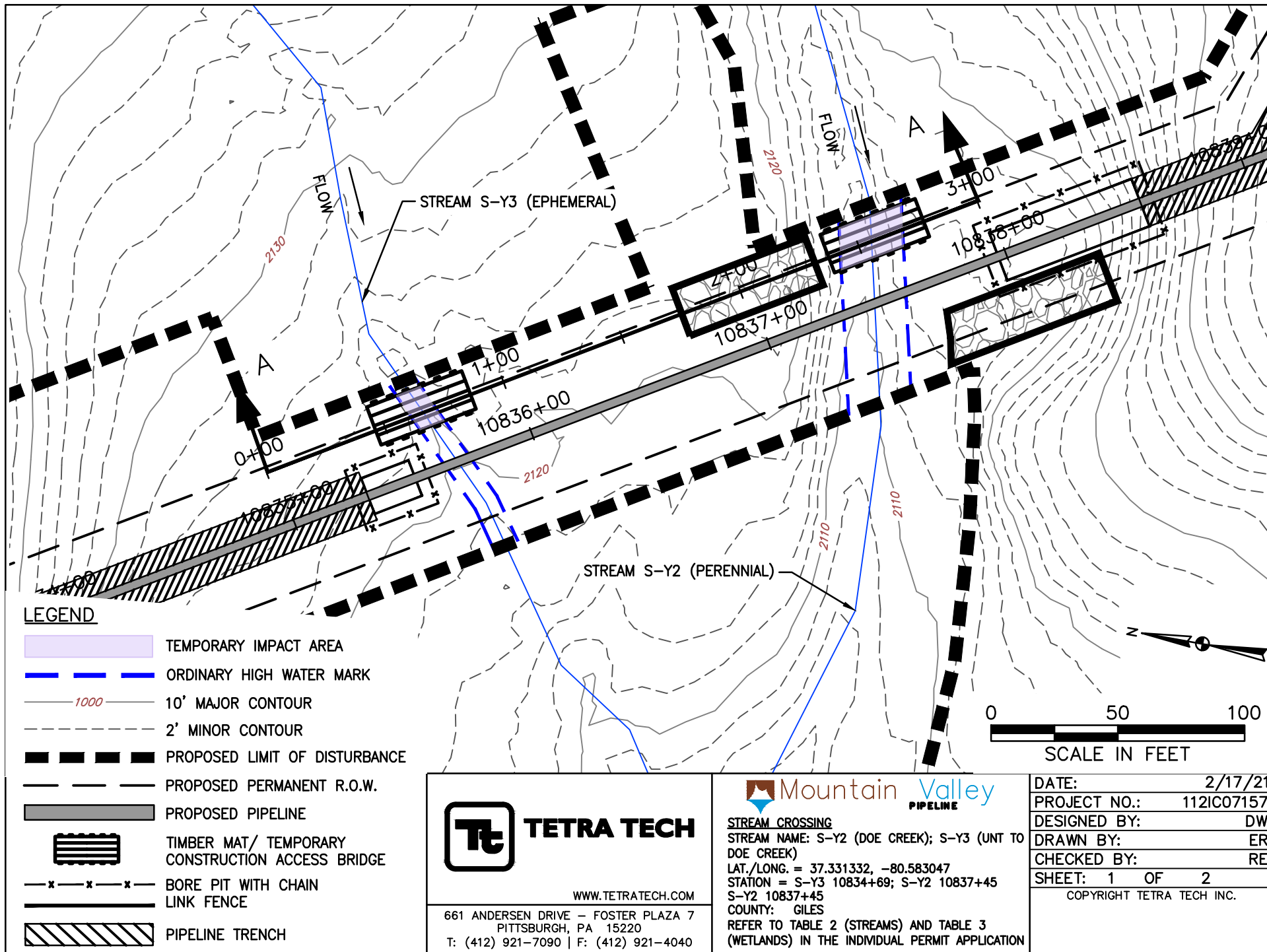
LAT./LONG. = 37.335094, -80.596868

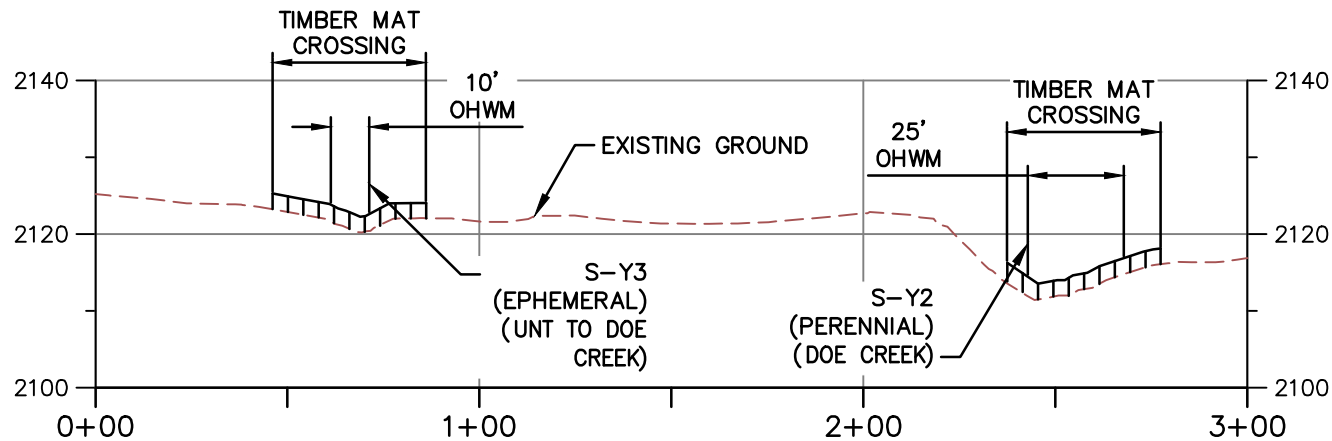
STATION = 10790+92

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

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PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

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STREAM CROSSING

STREAM NAME: S-Y2 (DOE CREEK); S-Y3 (UNT TO DOE CREEK)

LAT./LONG. = 37.331332, -80.583047

STATION = S-Y3 10834+69; S-Y2 10837+45

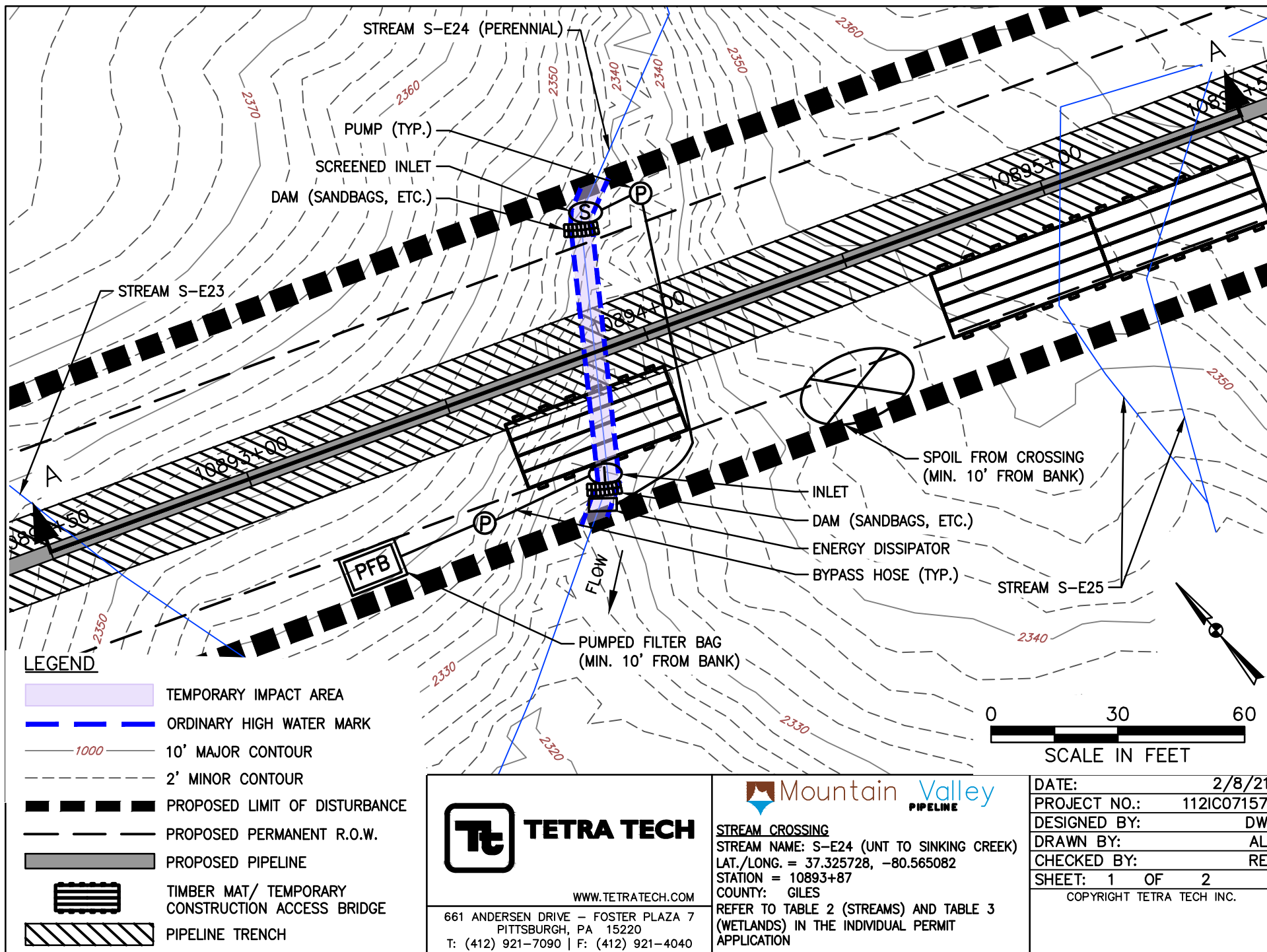
S-Y2 10837+45

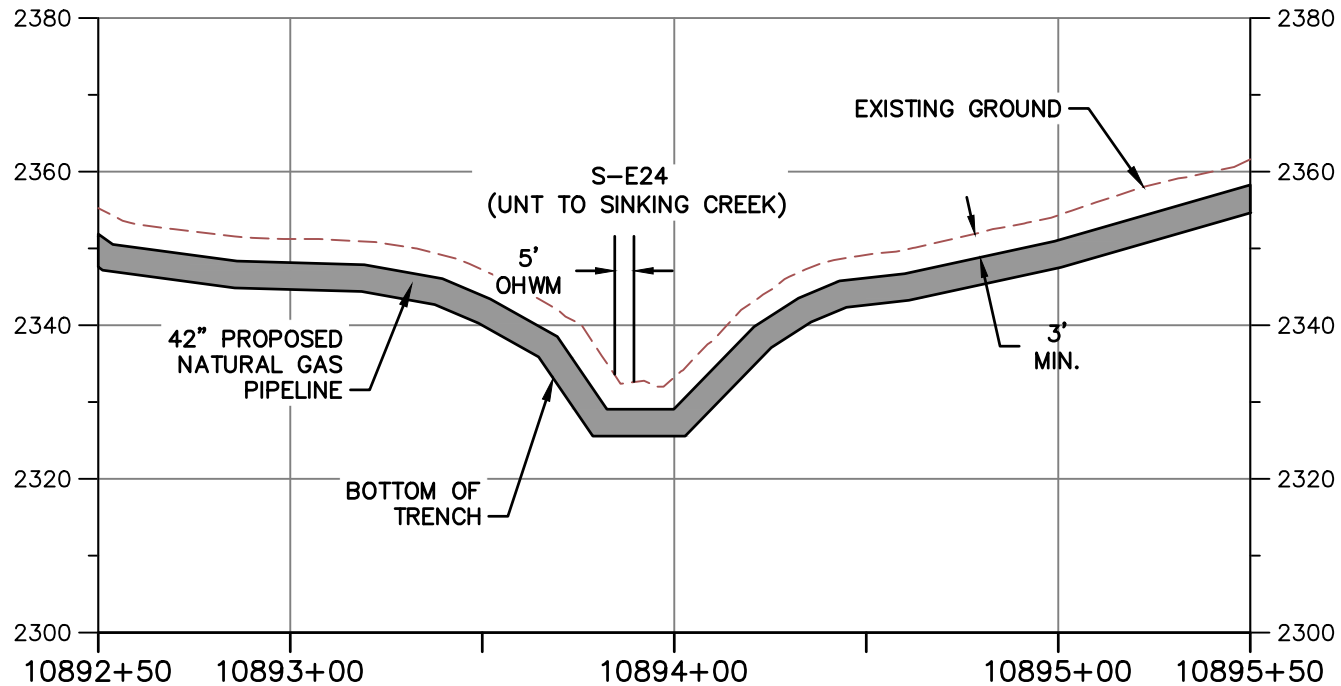
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

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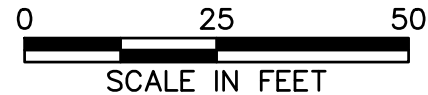


PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

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STREAM CROSSING

STREAM NAME: S-E24 (UNT TO SINKING CREEK)

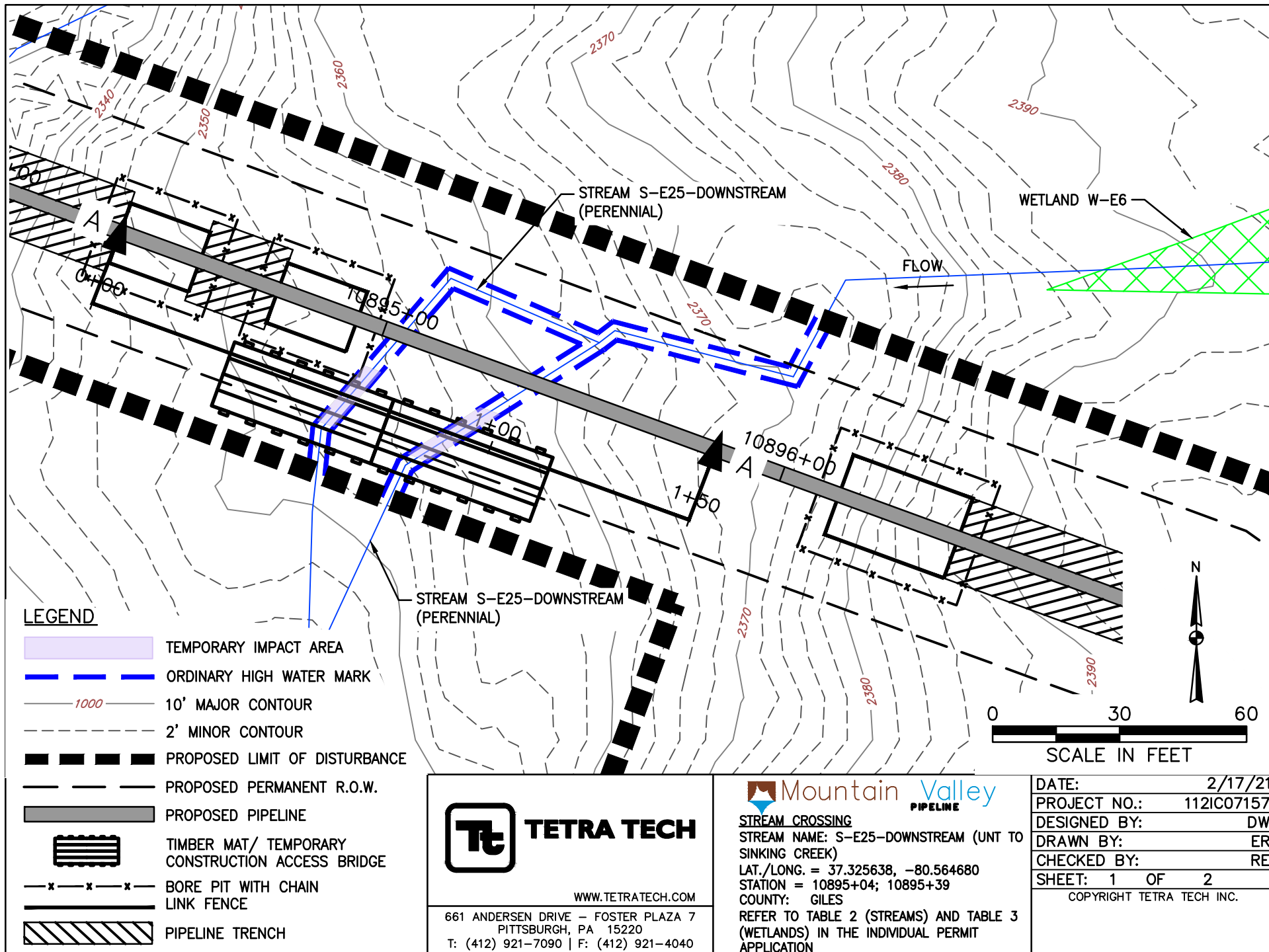
LAT./LONG. = 37.325728, -80.565082

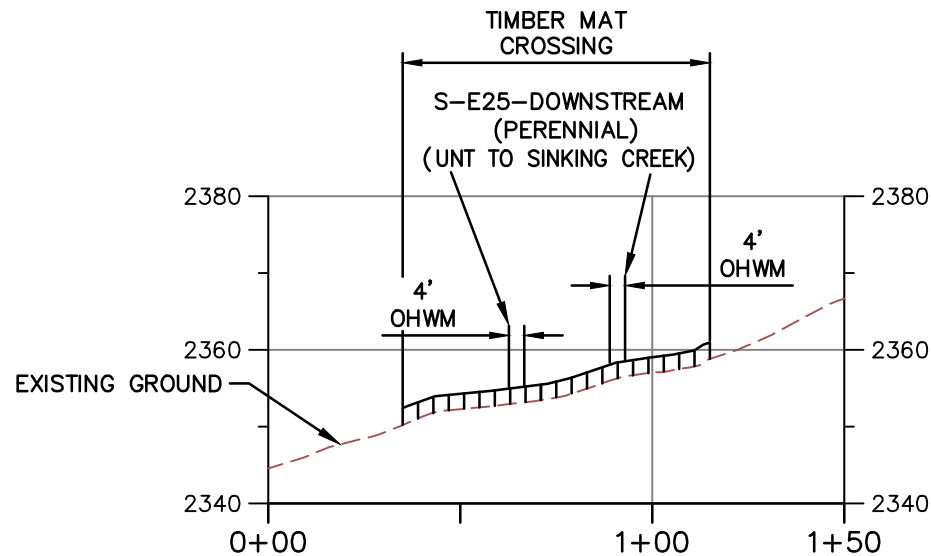
STATION = 10893+87

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/8/21
PROJECT NO.:	112IC07157
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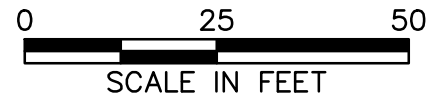


PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

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2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
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STREAM CROSSING

STREAM NAME: S-E25-DOWNSTREAM (UNT TO SINKING CREEK)

LAT./LONG. = 37.325638, -80.564680

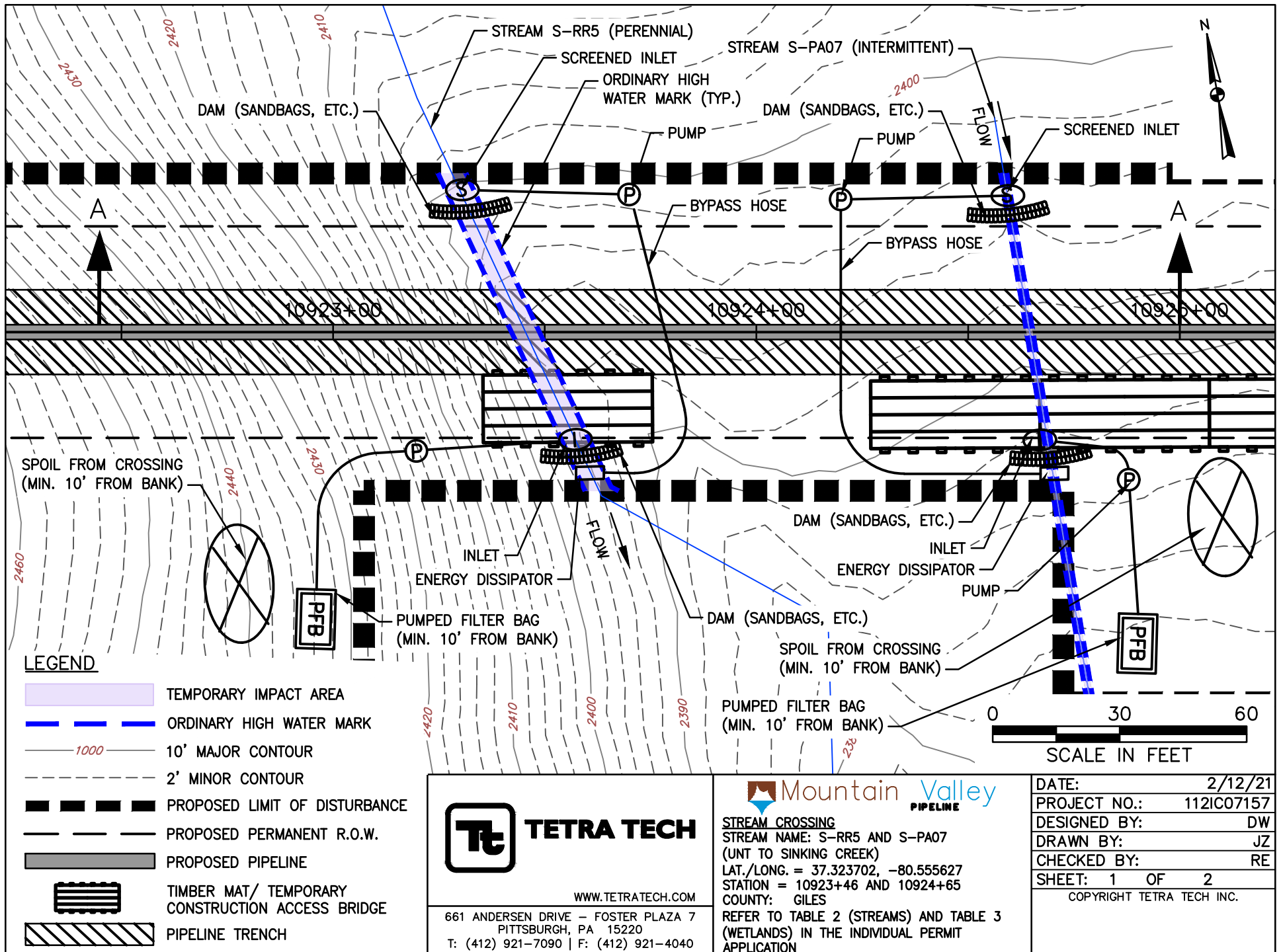
STATION = 10895+04; 10895+39

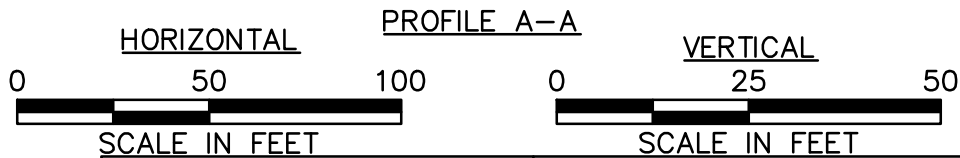
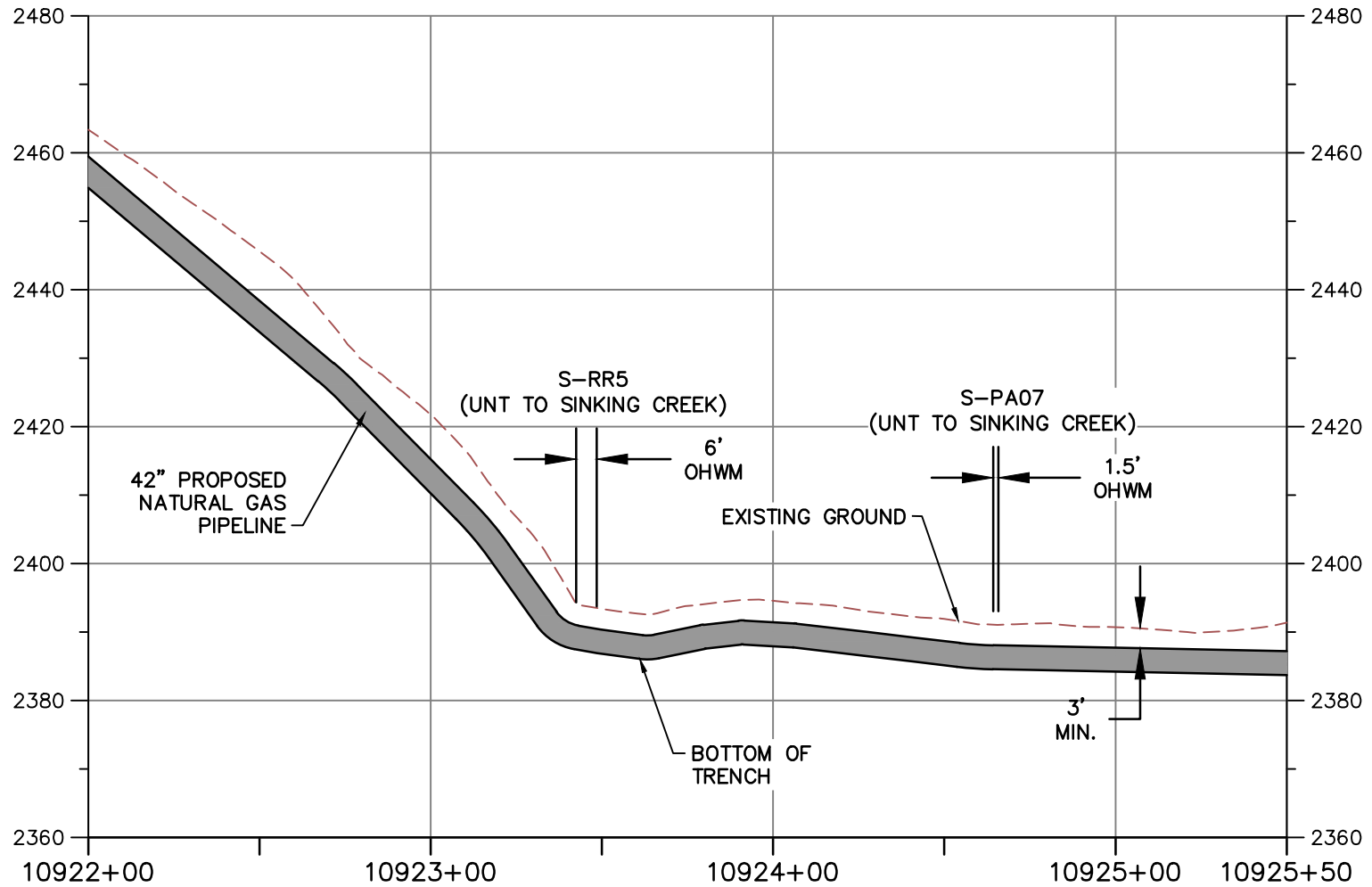
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

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PROJECT NO.:	112IC07157
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NOTE:

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2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
3. APPROVED ESC AND SWM MEASURES ARE NOT SHOWN FOR CLARITY



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STREAM CROSSING

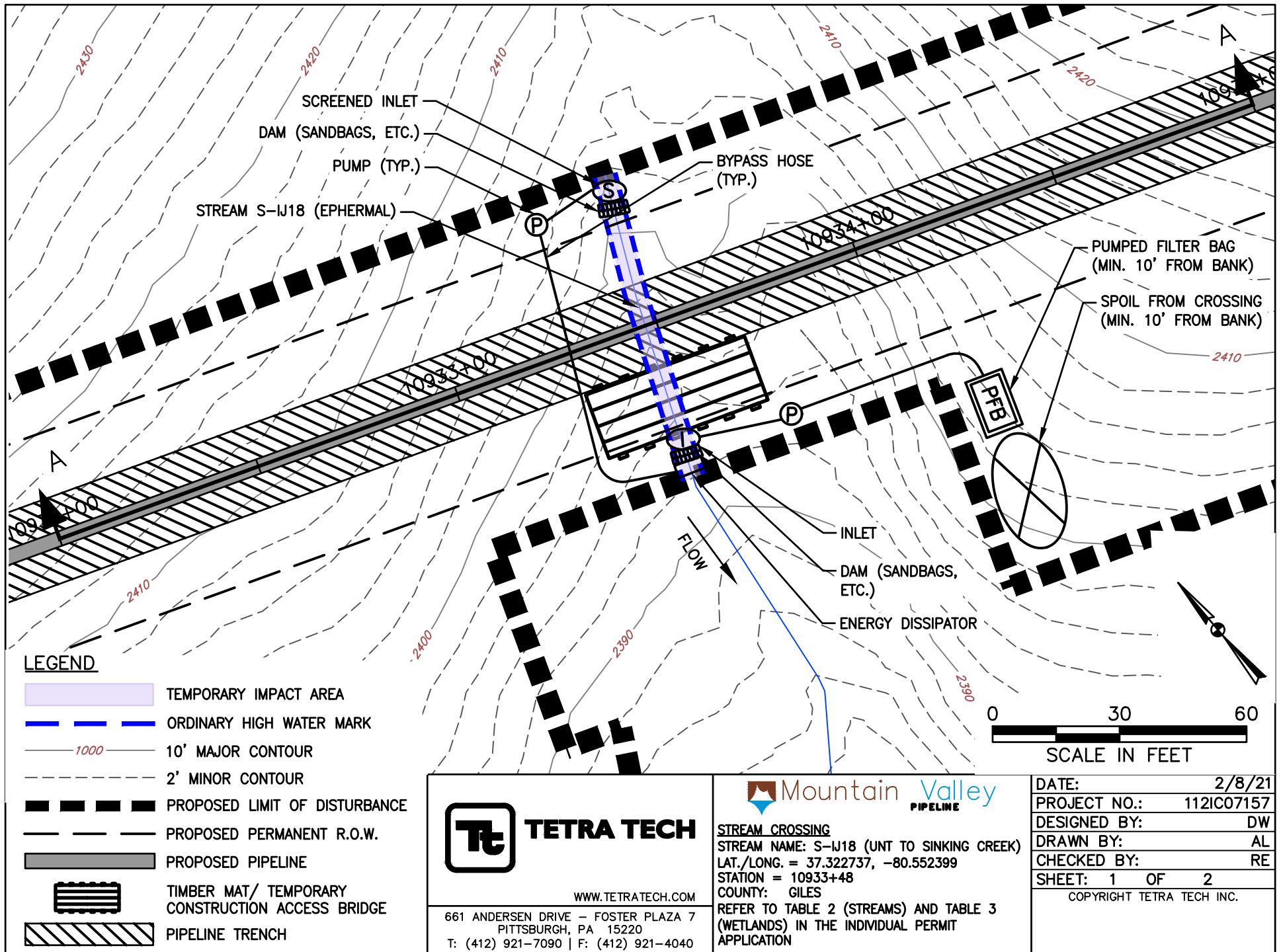
STREAM NAME: S-RR5 AND S-PA07
(UNT TO SINKING CREEK)

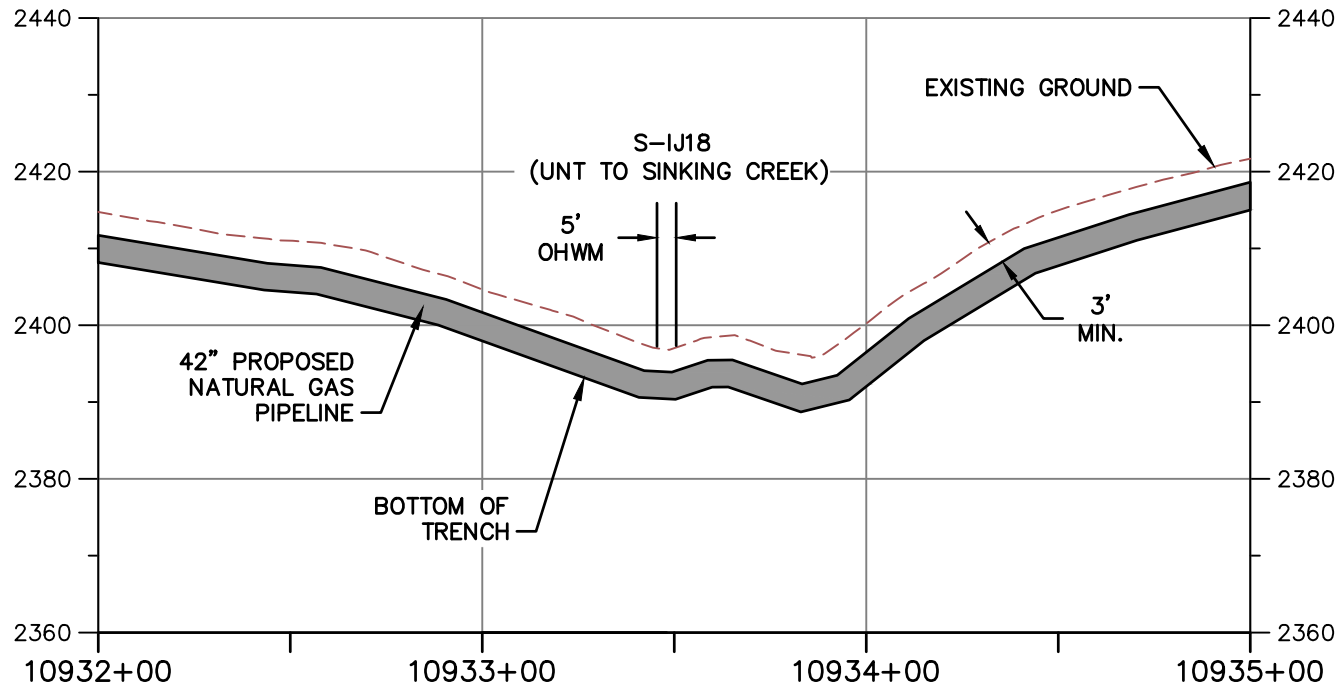
LAT./LONG. = 37.323702, -80.555627
STATION = 10923+46 AND 10924+65
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3
(WETLANDS) IN THE INDIVIDUAL PERMIT
APPLICATION

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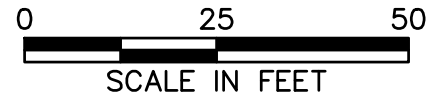




PROFILE A-A

HORIZONTAL

VERTICAL



NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
3. APPROVED ESC AND SWM MEASURES ARE NOT SHOWN FOR CLARITY



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STREAM CROSSING

STREAM NAME: S-IJ18 (UNT TO SINKING CREEK)

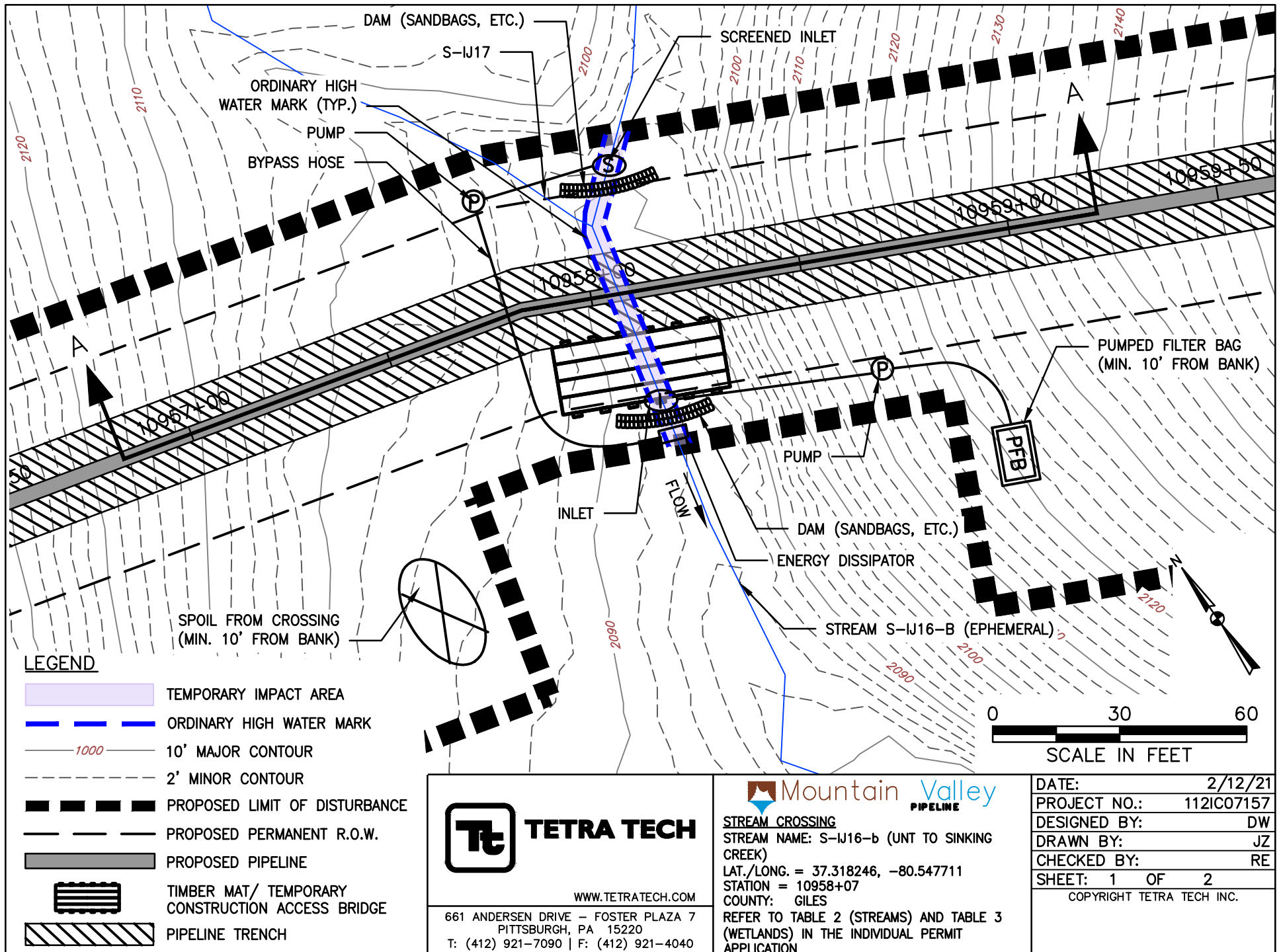
LAT./LONG. = 37.322737, -80.552399

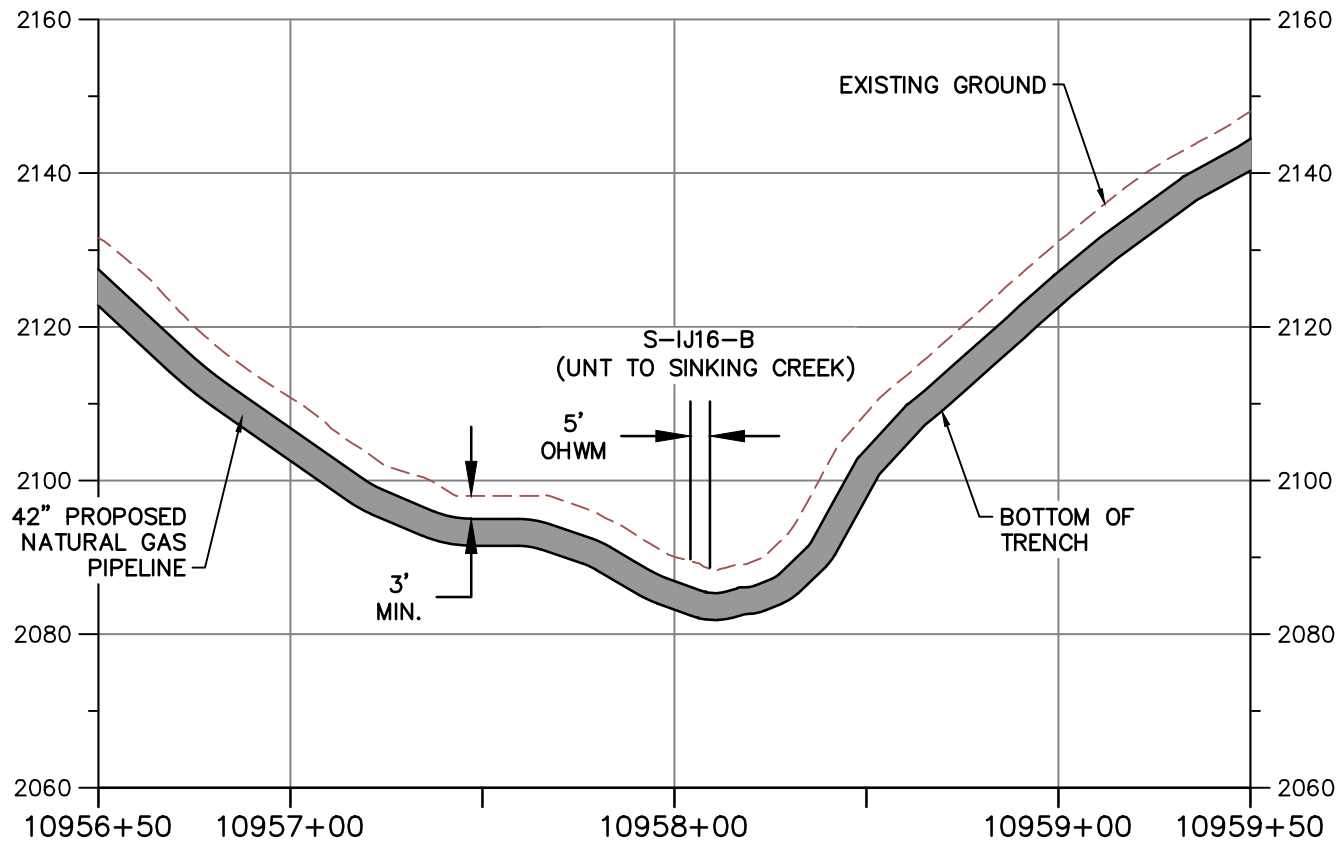
STATION = 10933+48

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/8/21
PROJECT NO.:	112IC07157
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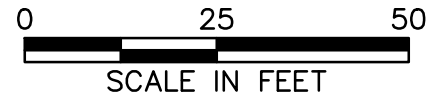




PROFILE A-A

HORIZONTAL

VERTICAL



NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
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STREAM CROSSING

STREAM NAME: S-IJ16-b (UNT TO SINKING CREEK)

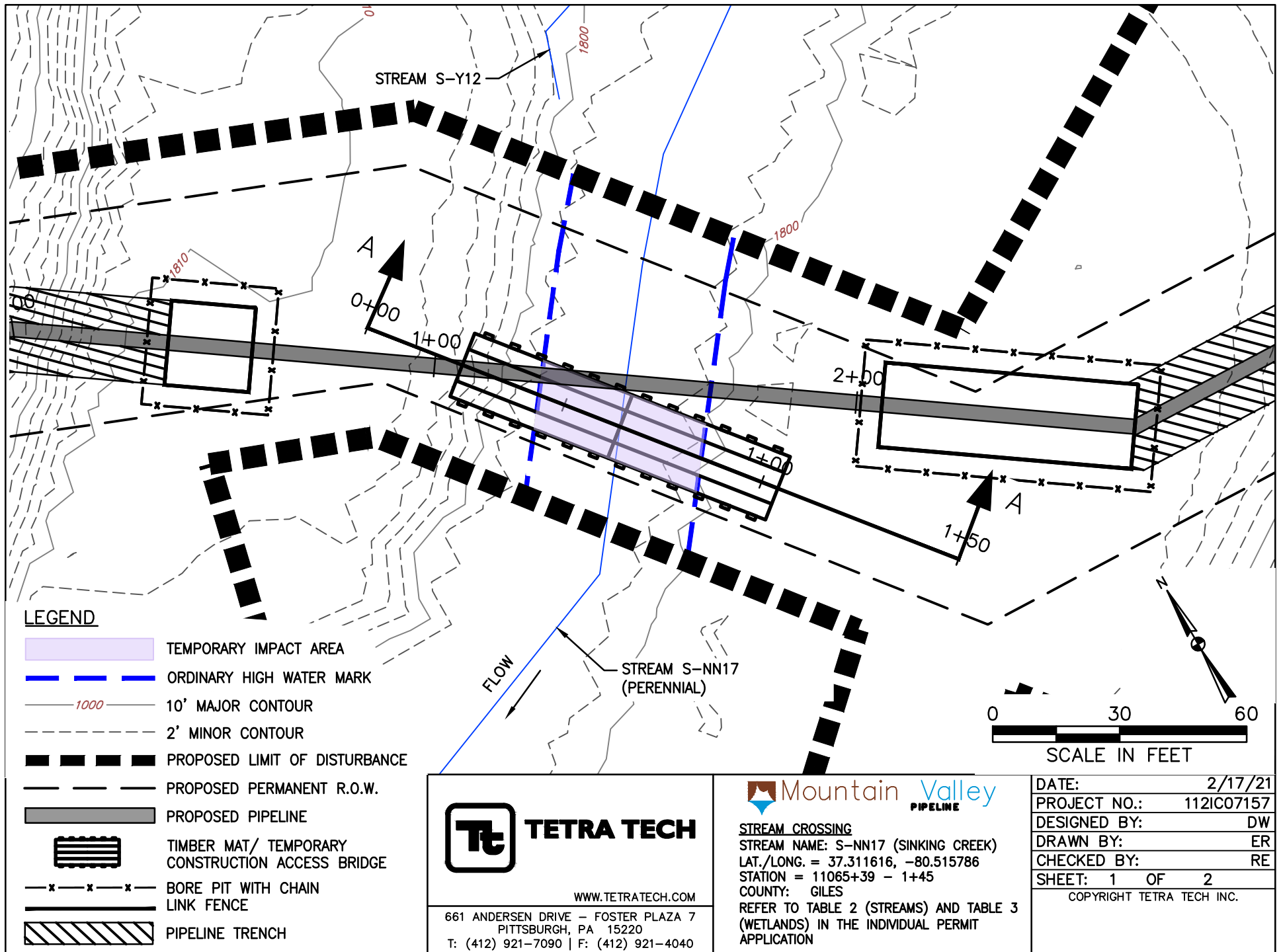
LAT./LONG. = 37.318246, -80.547711

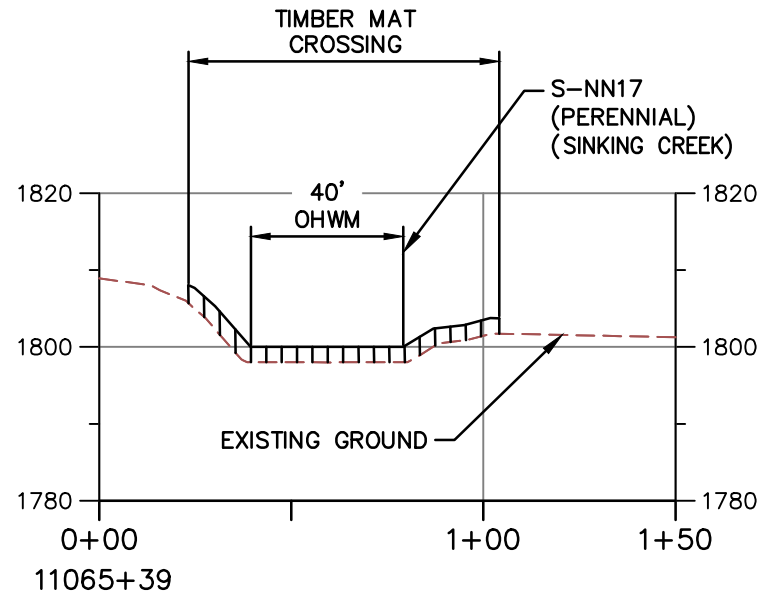
STATION = 10958+07

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

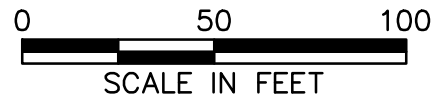
DATE:	2/12/21
PROJECT NO.:	112IC07157
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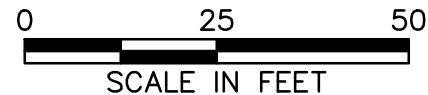


PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

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STREAM CROSSING

STREAM NAME: S-NN17 (SINKING CREEK)

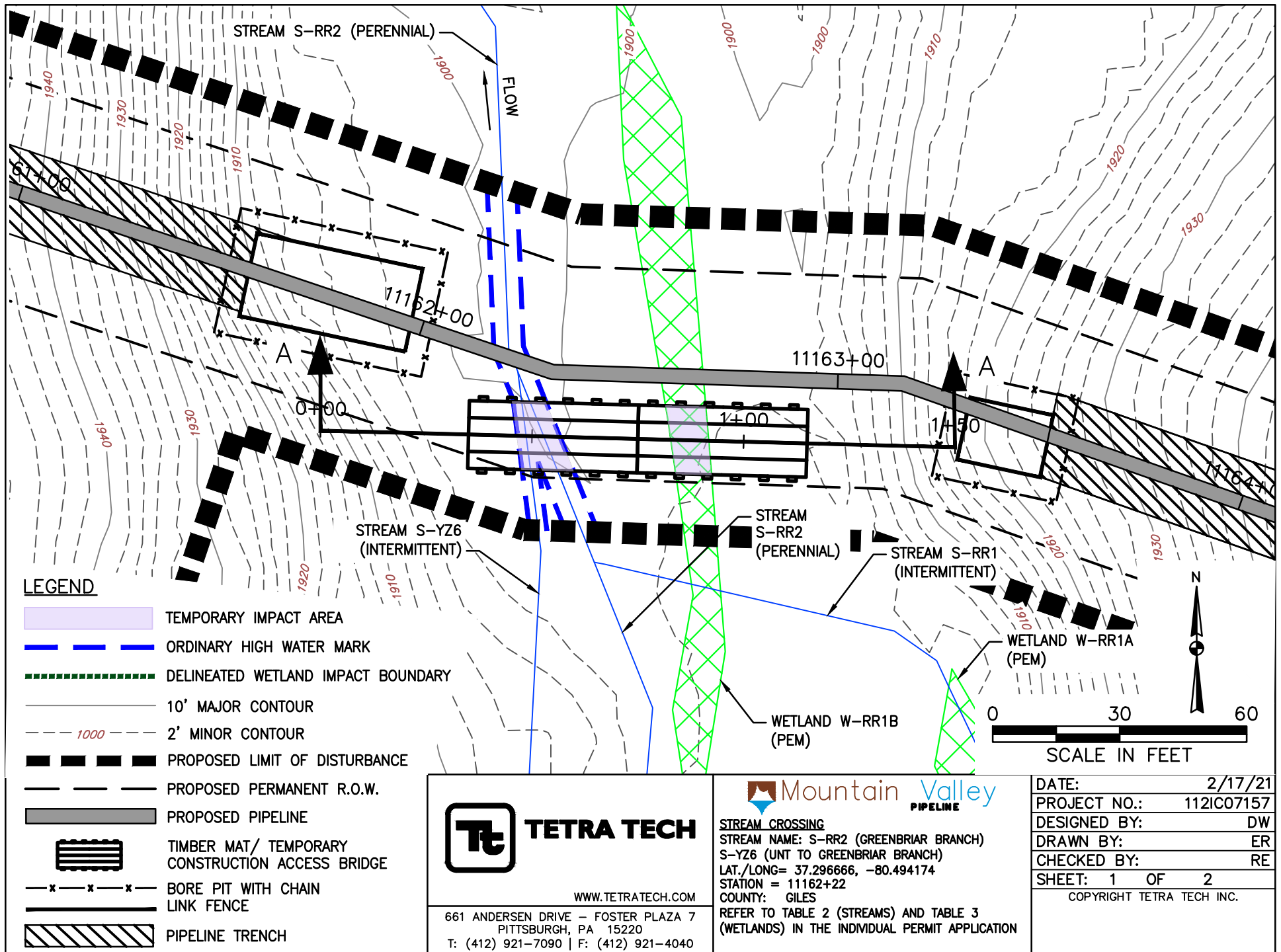
LAT./LONG. = 37.311616, -80.515786

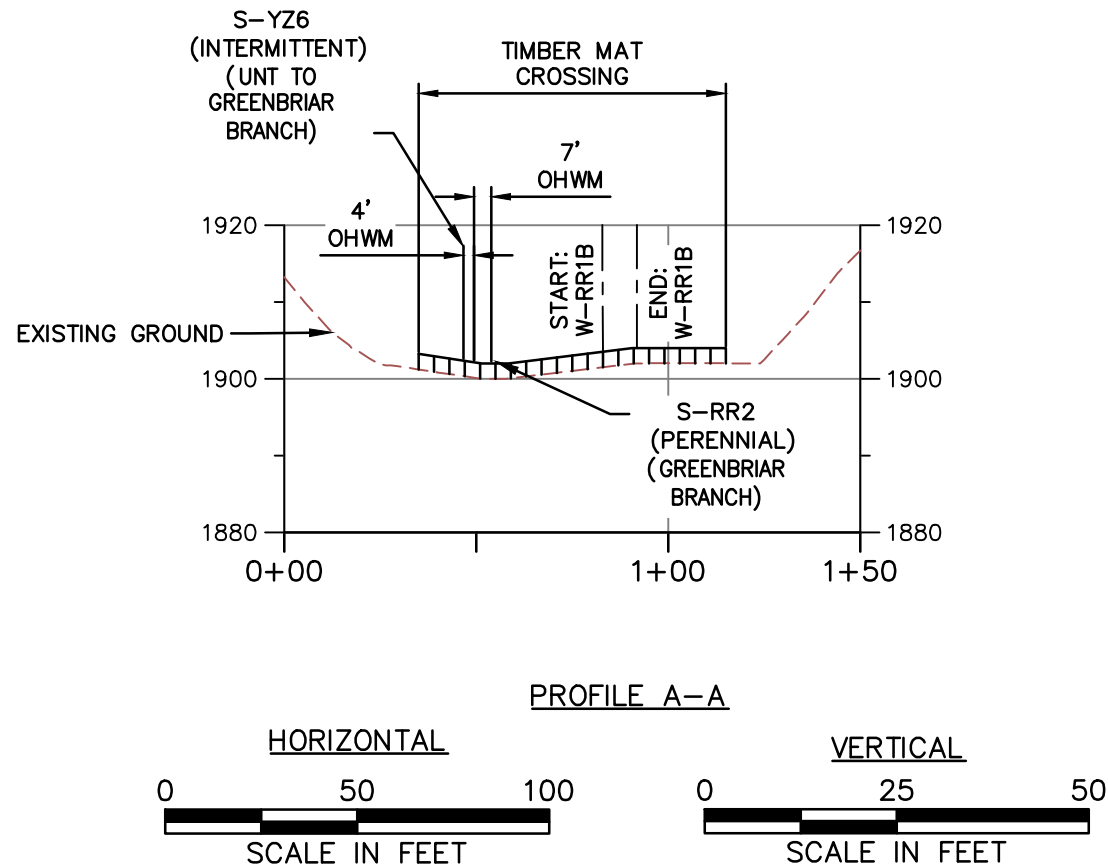
STATION = 11065+39 - 1+45

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

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NOTE:

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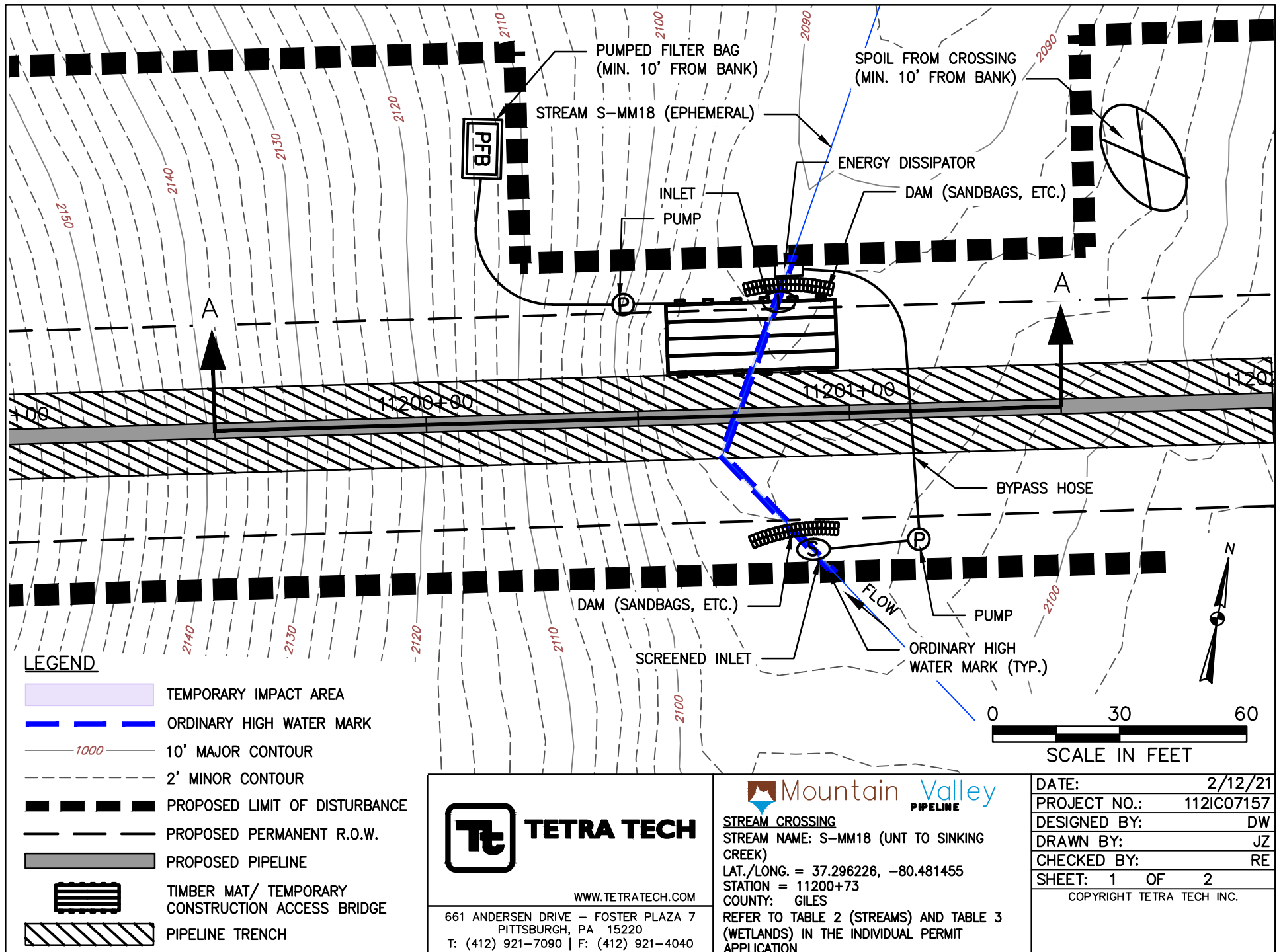
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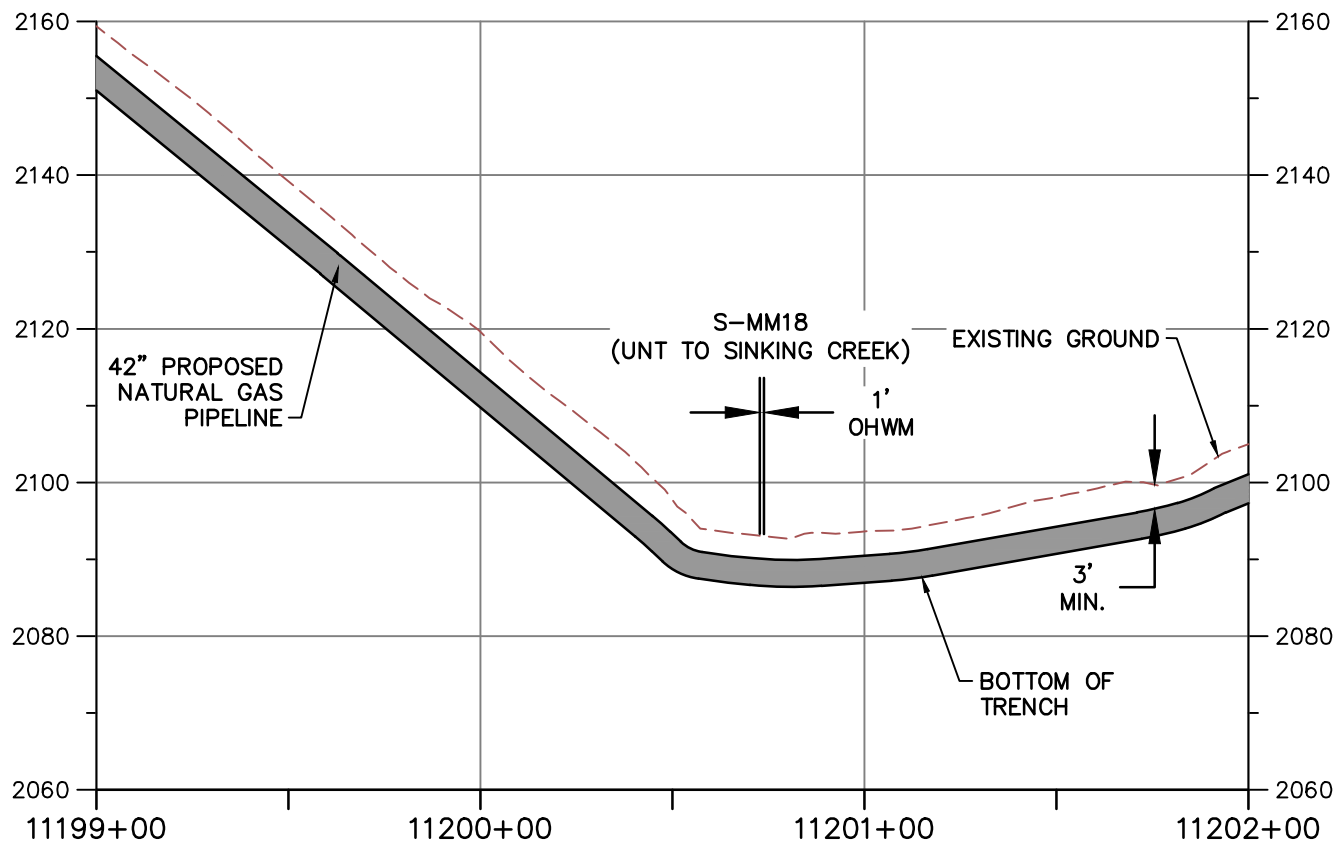
STREAM NAME: S-RR2 (GREENBRIAR BRANCH)
S-YZ6 (UNT TO GREENBRIAR BRANCH)
LAT./LONG= 37.296666, -80.494174
STATION = 11162+22
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

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PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

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3. APPROVED ESC AND SWM MEASURES ARE NOT SHOWN FOR CLARITY



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STREAM CROSSING

STREAM NAME: S-MM18 (UNT TO SINKING CREEK)

LAT./LONG. = 37.296226, -80.481455

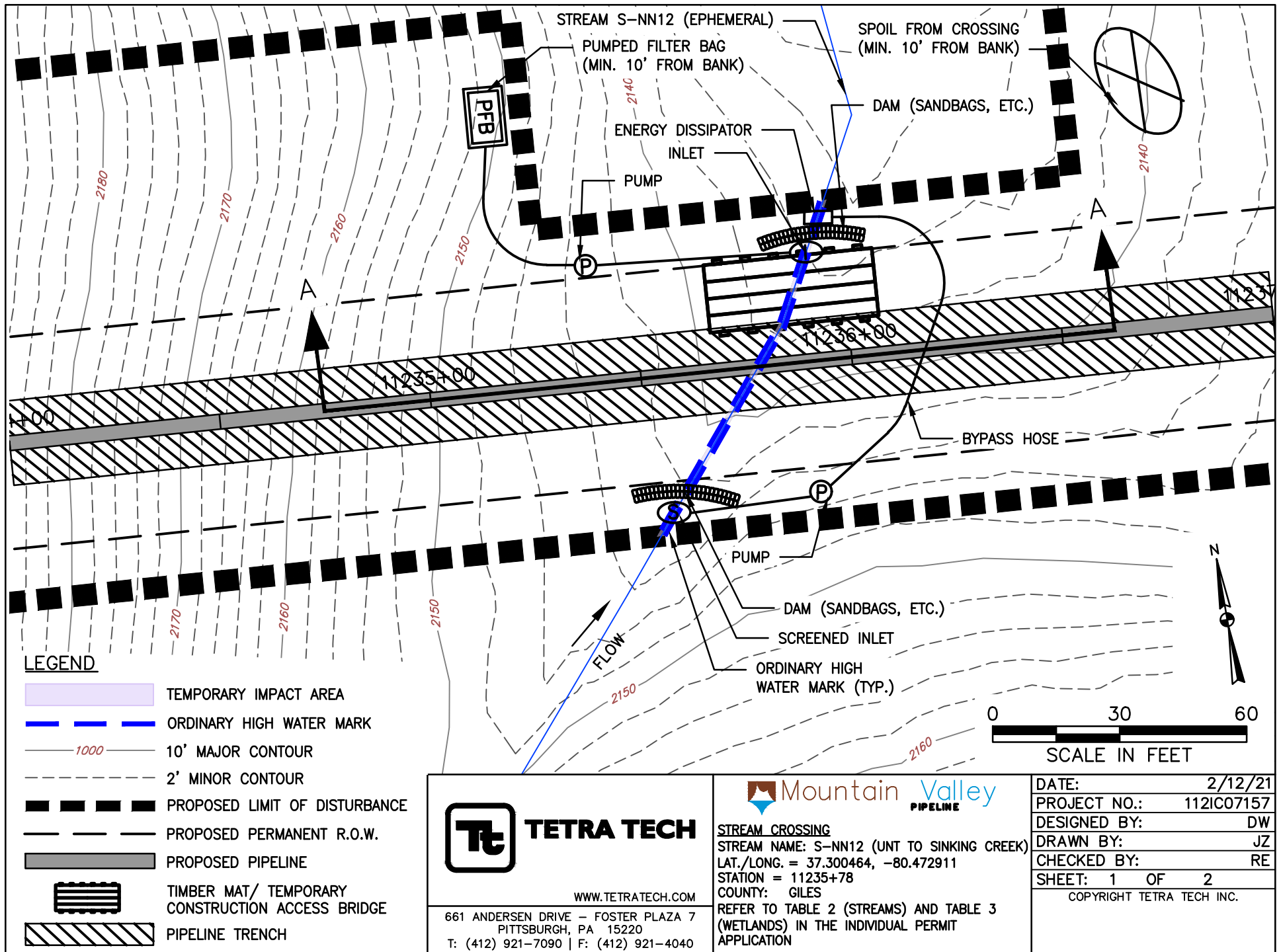
STATION = 11200+73

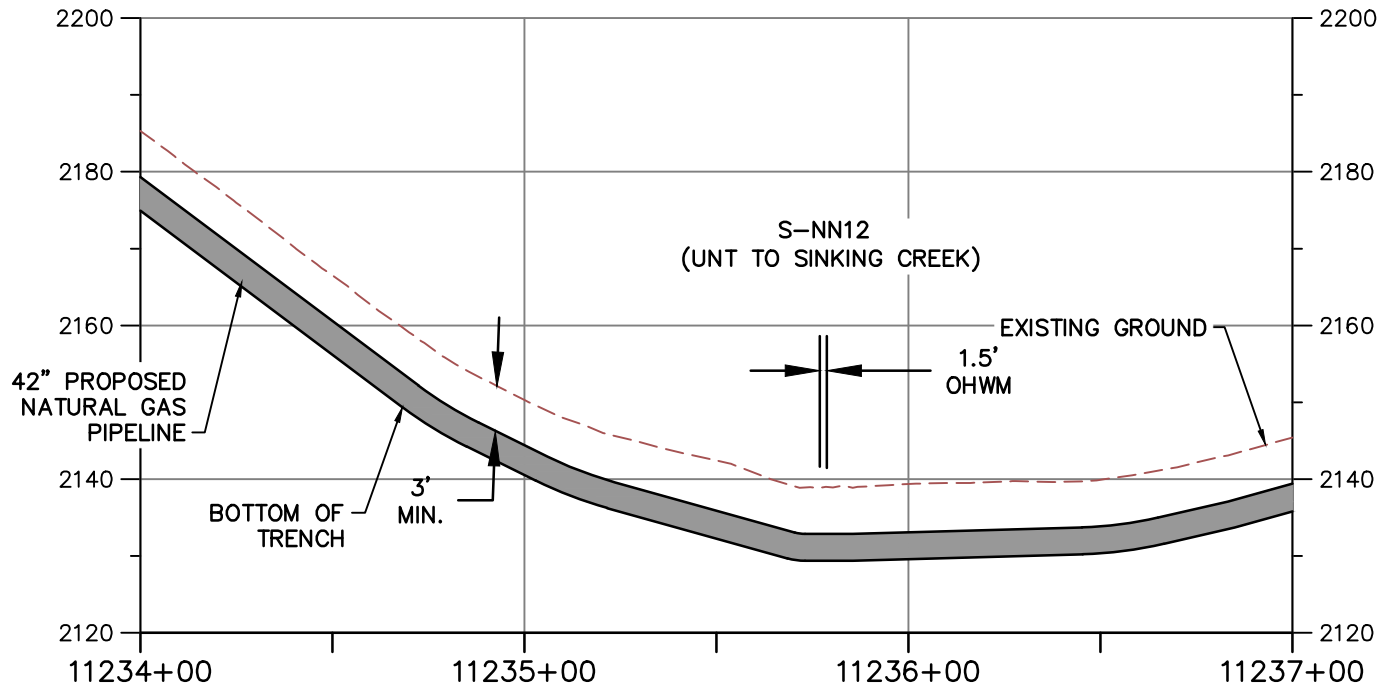
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/12/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	JZ
CHECKED BY:	RE
SHEET: 2 OF 2	

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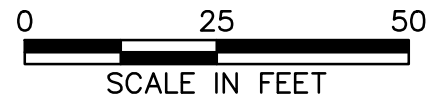




PROFILE A-A

HORIZONTAL

VERTICAL



NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
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STREAM CROSSING

STREAM NAME: S-NN12 (UNT TO SINKING CREEK)

LAT./LONG. = 37.300464, -80.472911

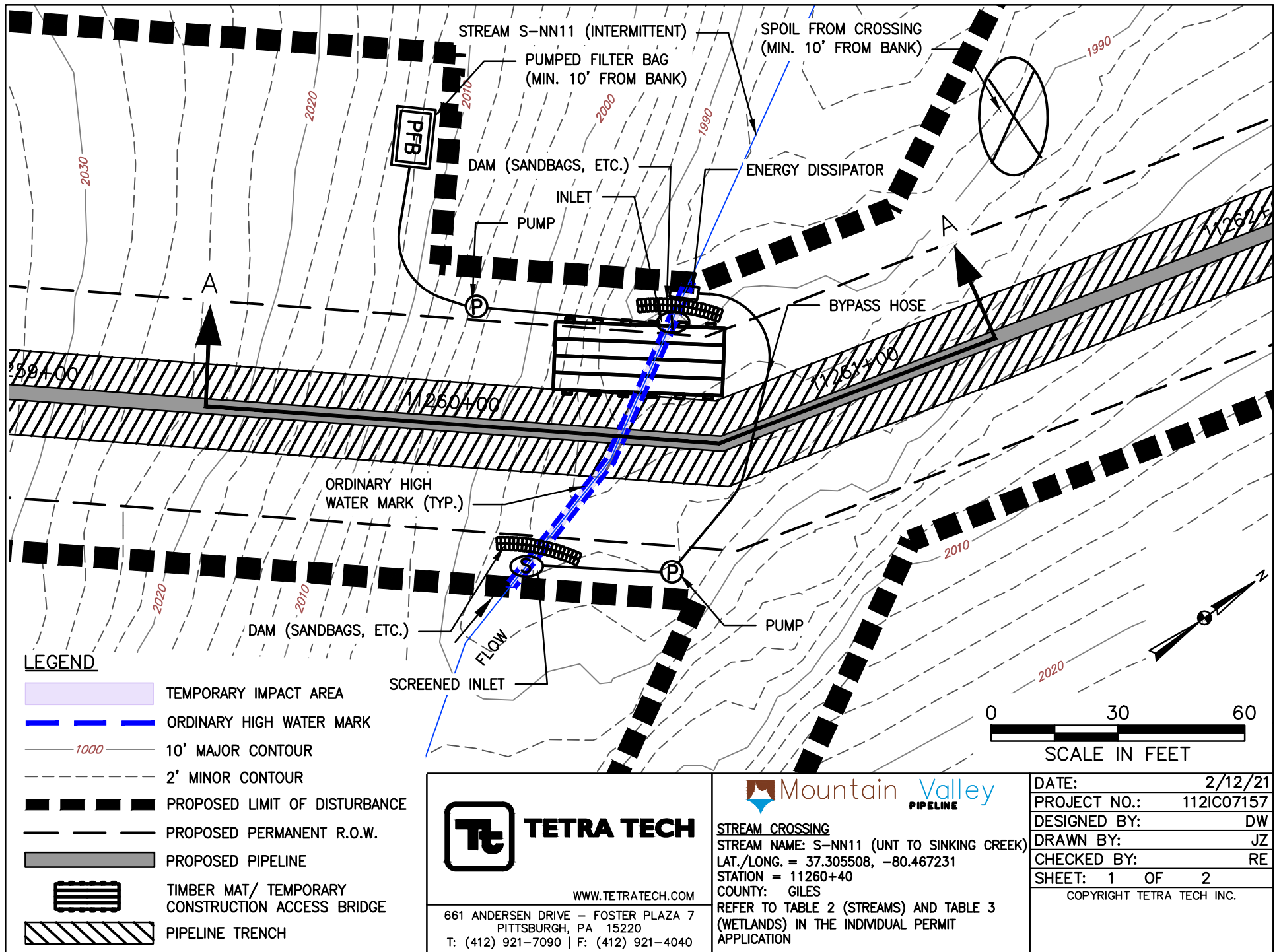
STATION = 11235+78

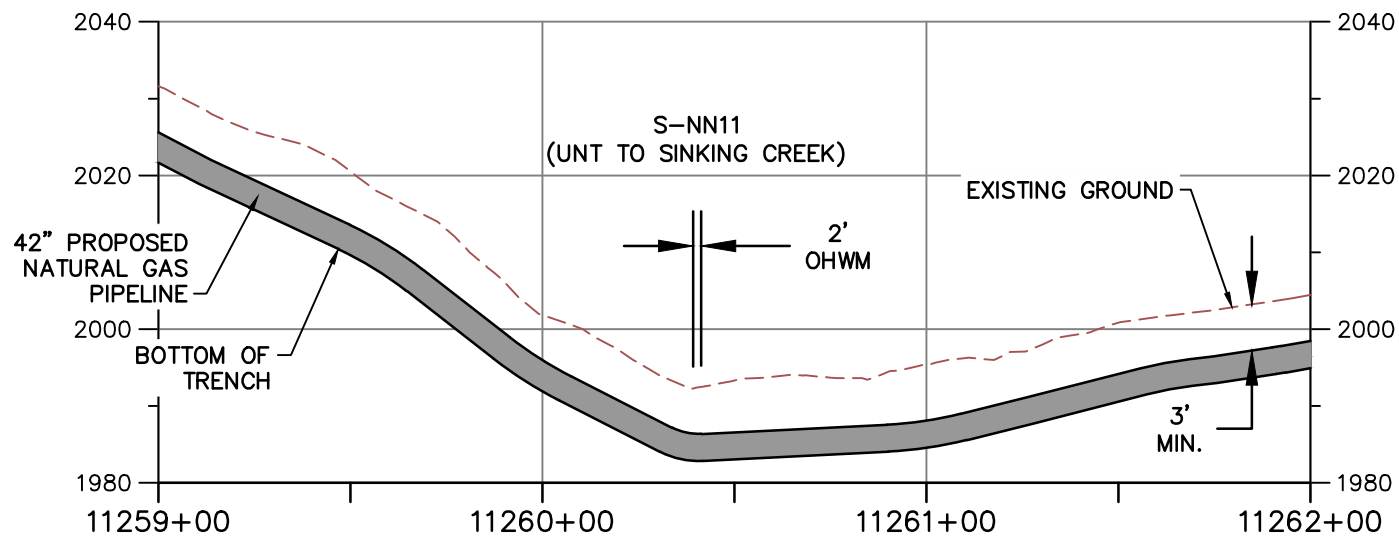
COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE: 2/12/21
PROJECT NO.: 112IC07157
DESIGNED BY: DW
DRAWN BY: JZ
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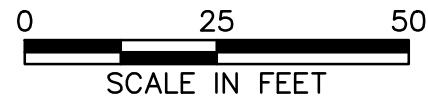




PROFILE A-A

HORIZONTAL

VERTICAL



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STREAM CROSSING

STREAM NAME: S-NN11 (UNT TO SINKING CREEK)

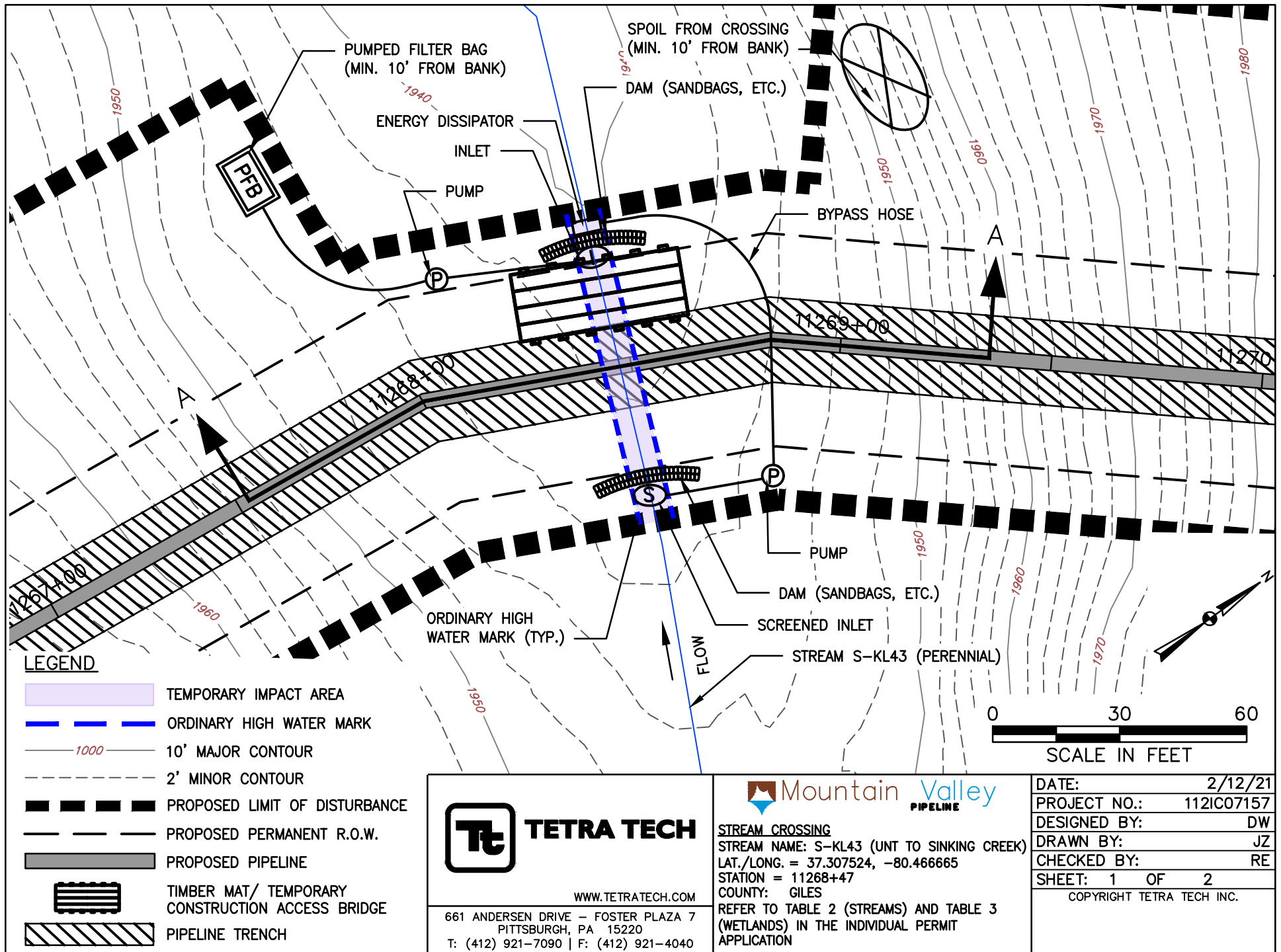
LAT./LONG. = 37.305508, -80.467231

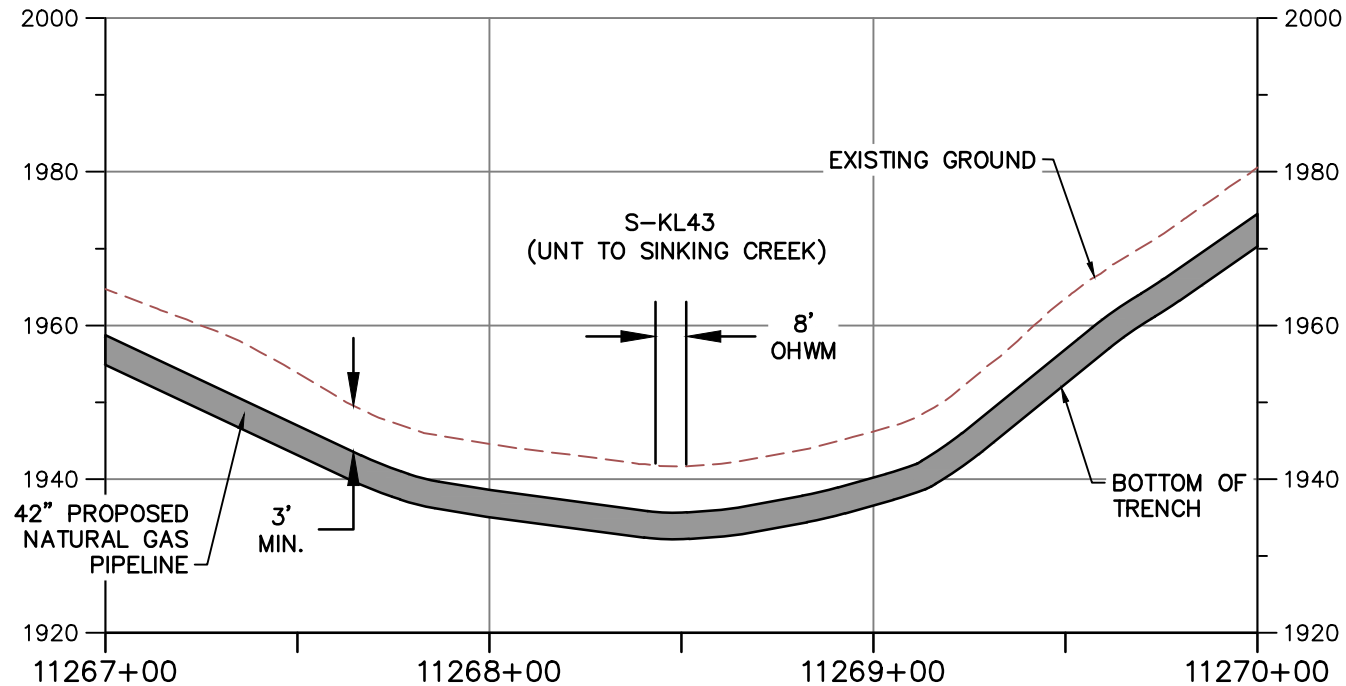
STATION = 11260+40

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

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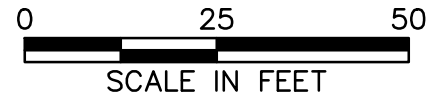


PROFILE A-A

HORIZONTAL



VERTICAL



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STREAM CROSSING

STREAM NAME: S-KL43 (UNT TO SINKING CREEK)

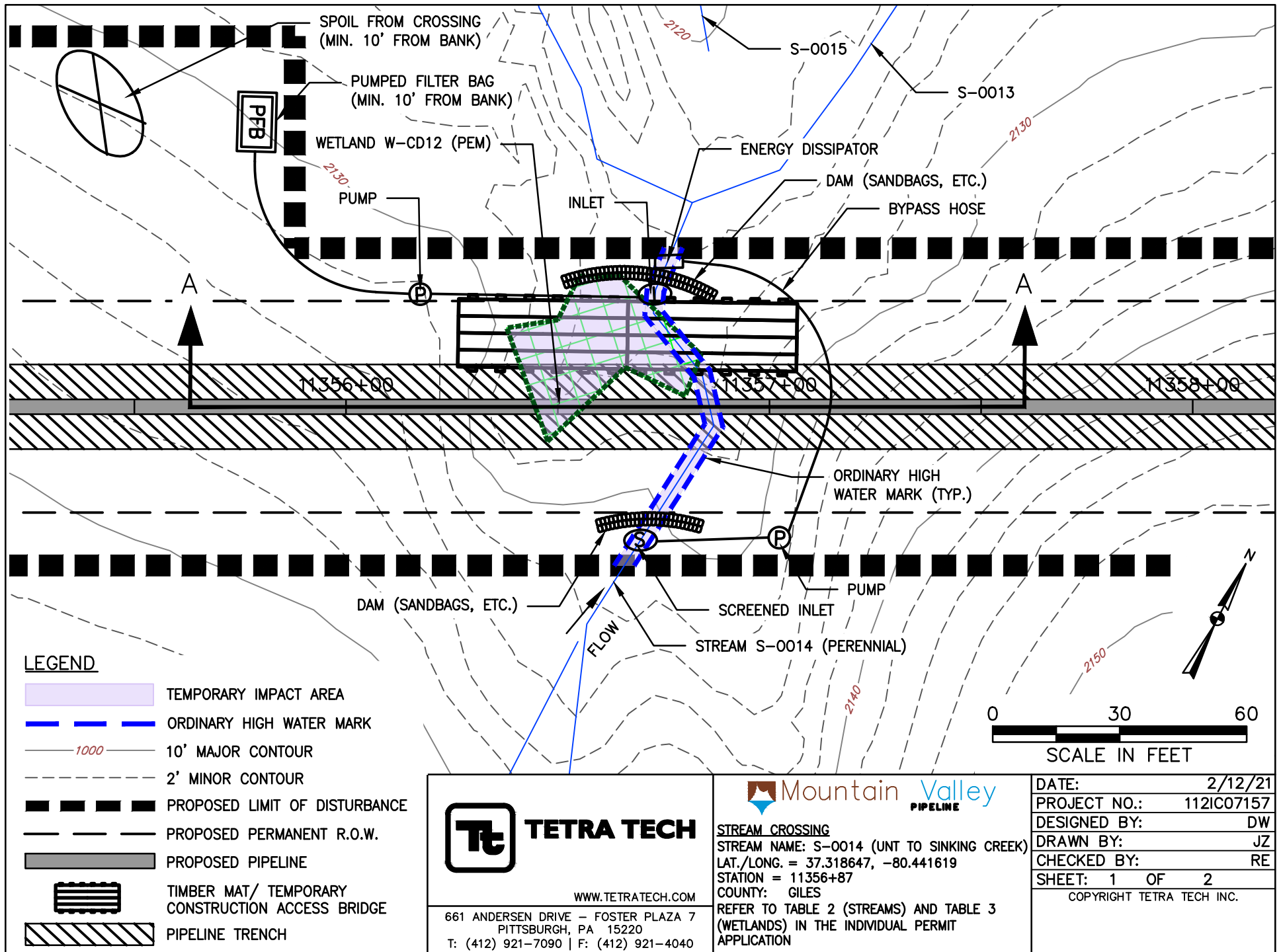
LAT./LONG. = 37.307524, -80.466665

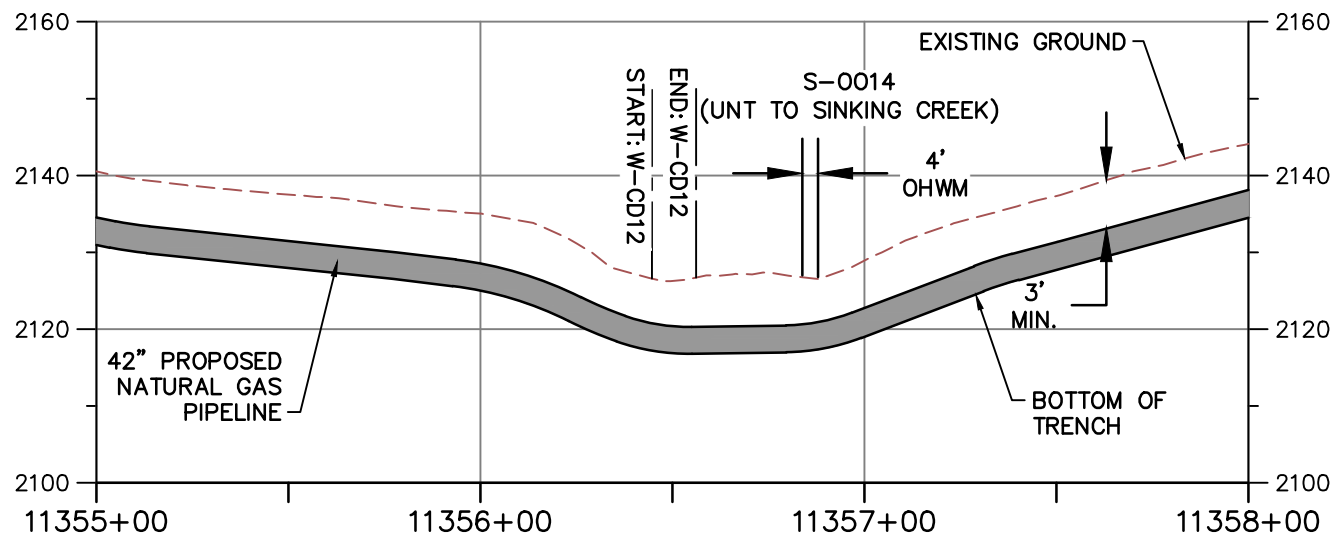
STATION = 11268+47

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/12/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
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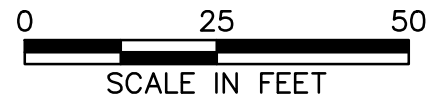


PROFILE A-A

HORIZONTAL



VERTICAL



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STREAM CROSSING

STREAM NAME: S-0014 (UNT TO SINKING CREEK)

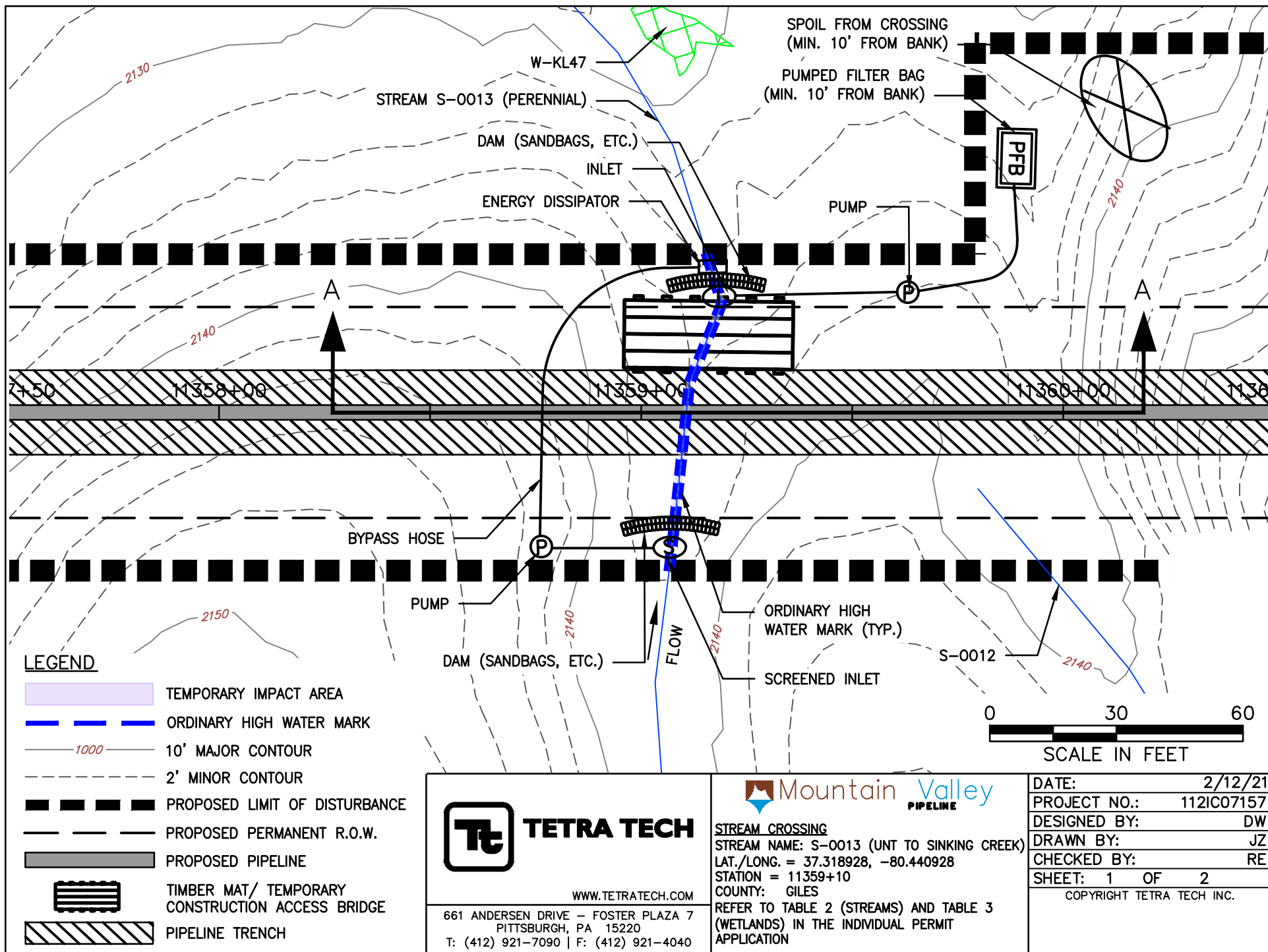
LAT./LONG. = 37.318647, -80.441619

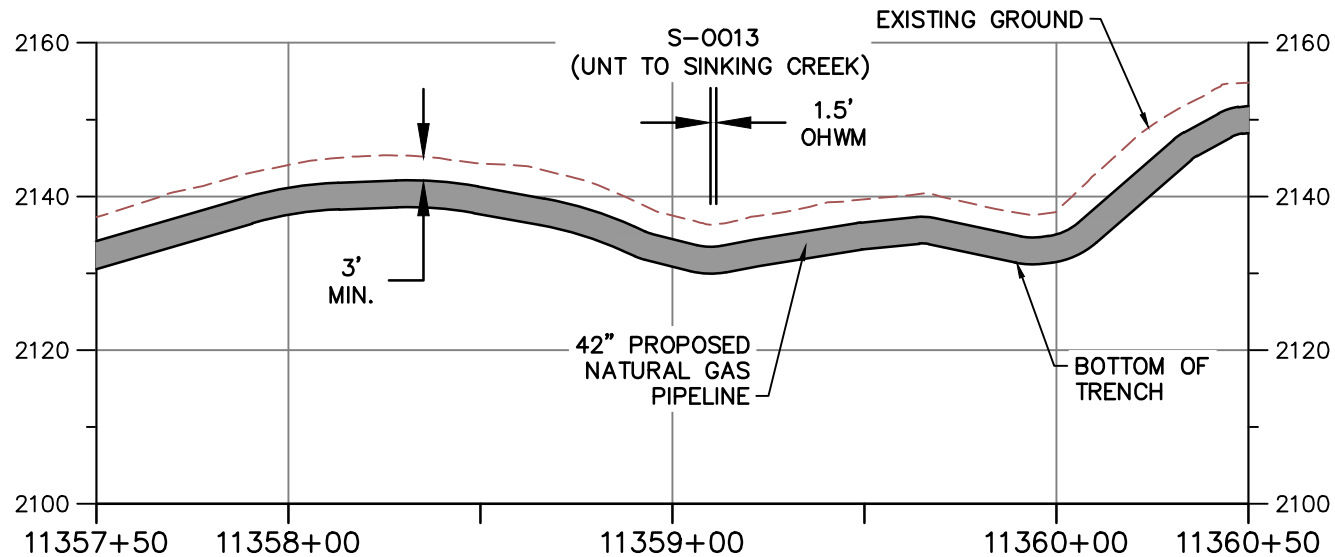
STATION = 11356+87

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

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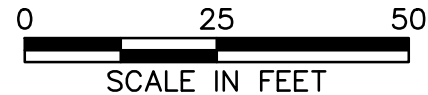


PROFILE A-A

HORIZONTAL



VERTICAL



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STREAM CROSSING

STREAM NAME: S-0013 (UNT TO SINKING CREEK)

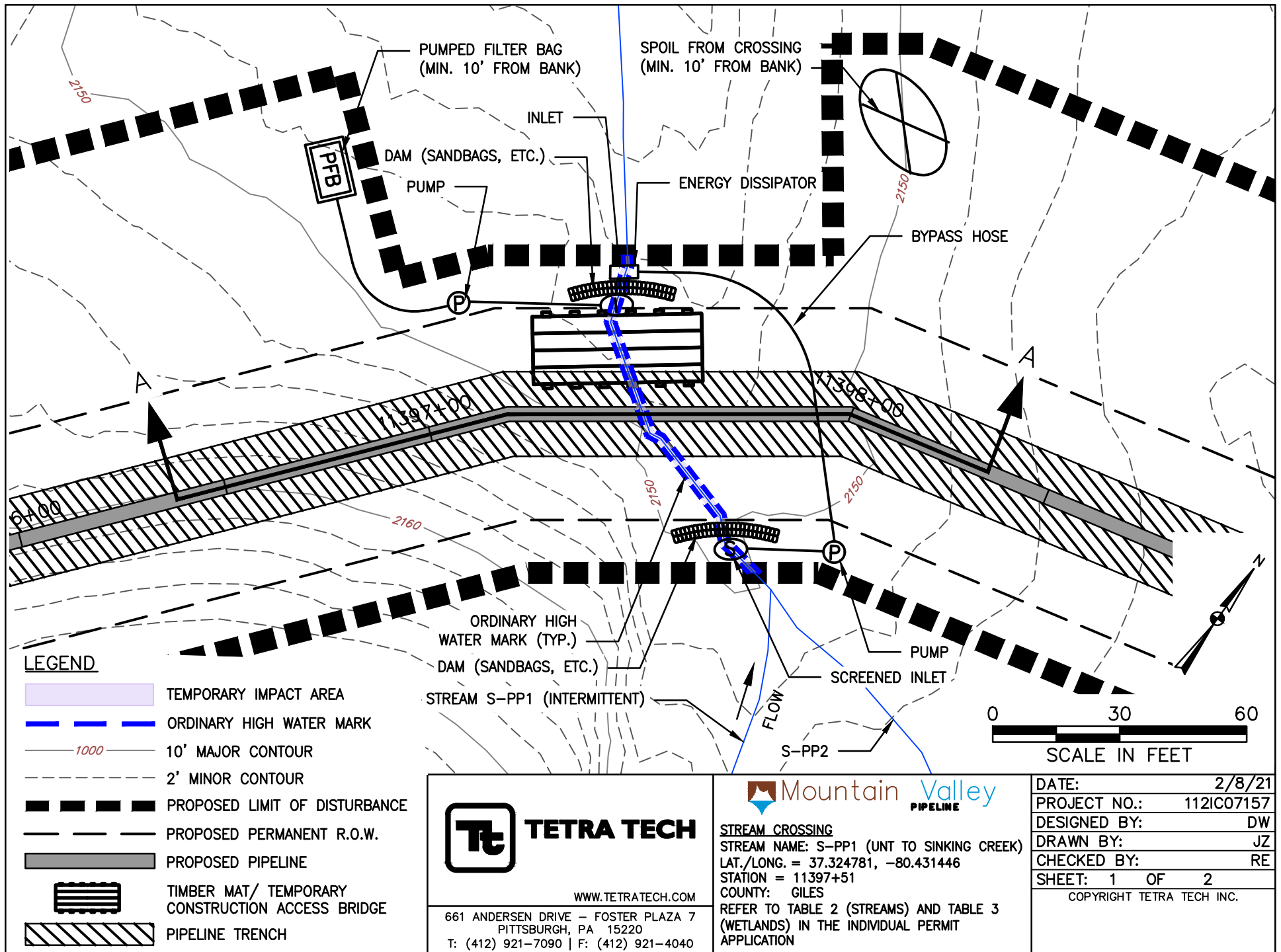
LAT./LONG. = 37.318928, -80.440928

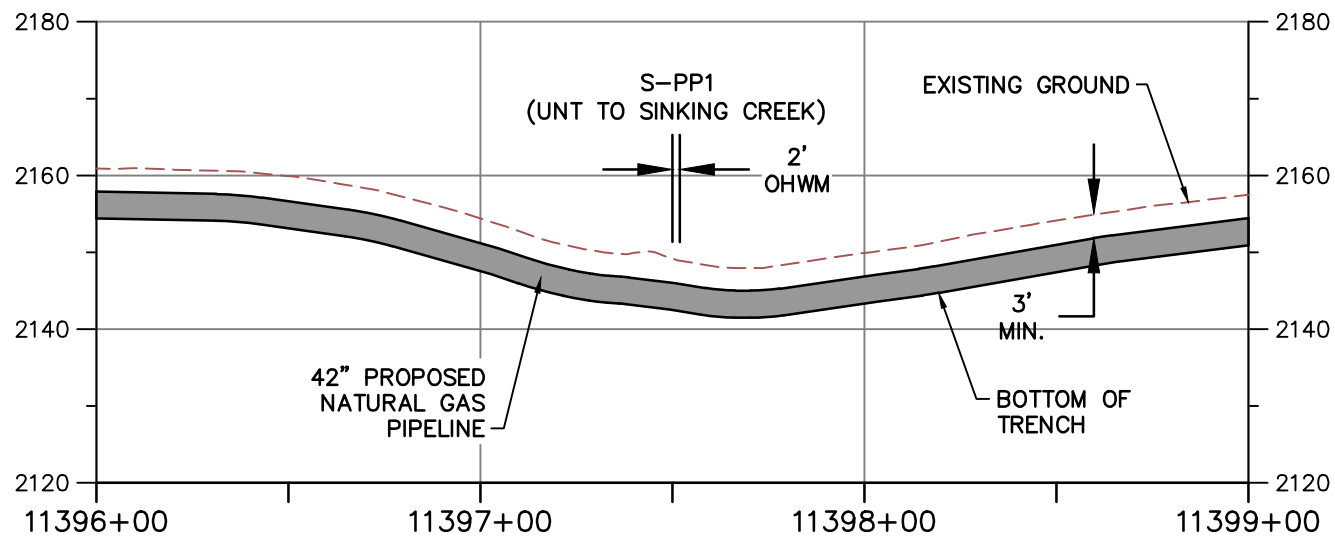
STATION = 11359+10

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

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PROJECT NO.:	112IC07157
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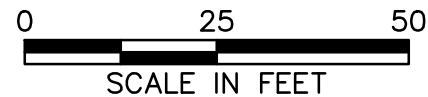


PROFILE A-A

HORIZONTAL



VERTICAL



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STREAM CROSSING

STREAM NAME: S-PP1 (UNT TO SINKING CREEK)

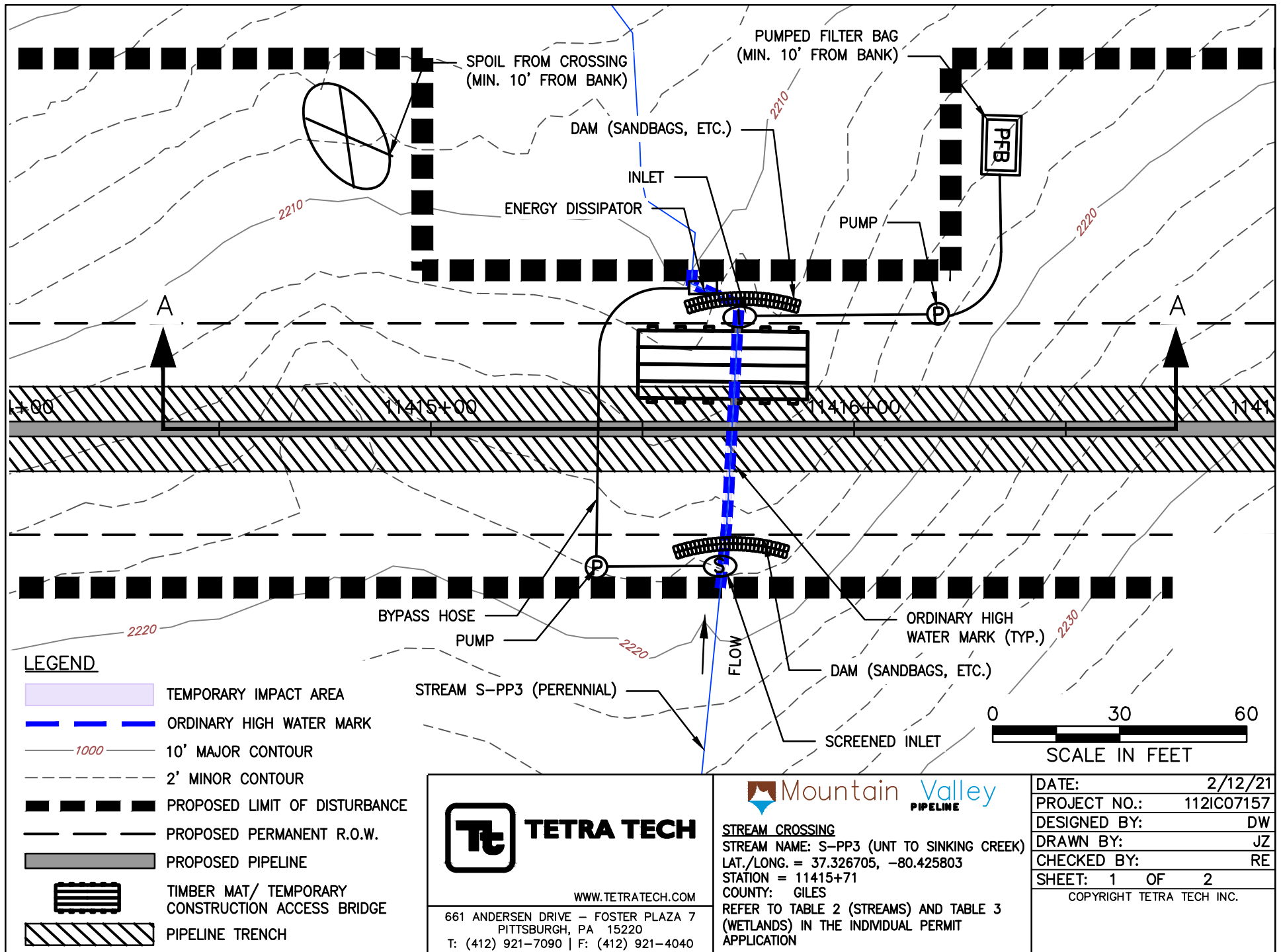
LAT./LONG. = 37.324781, -80.431446

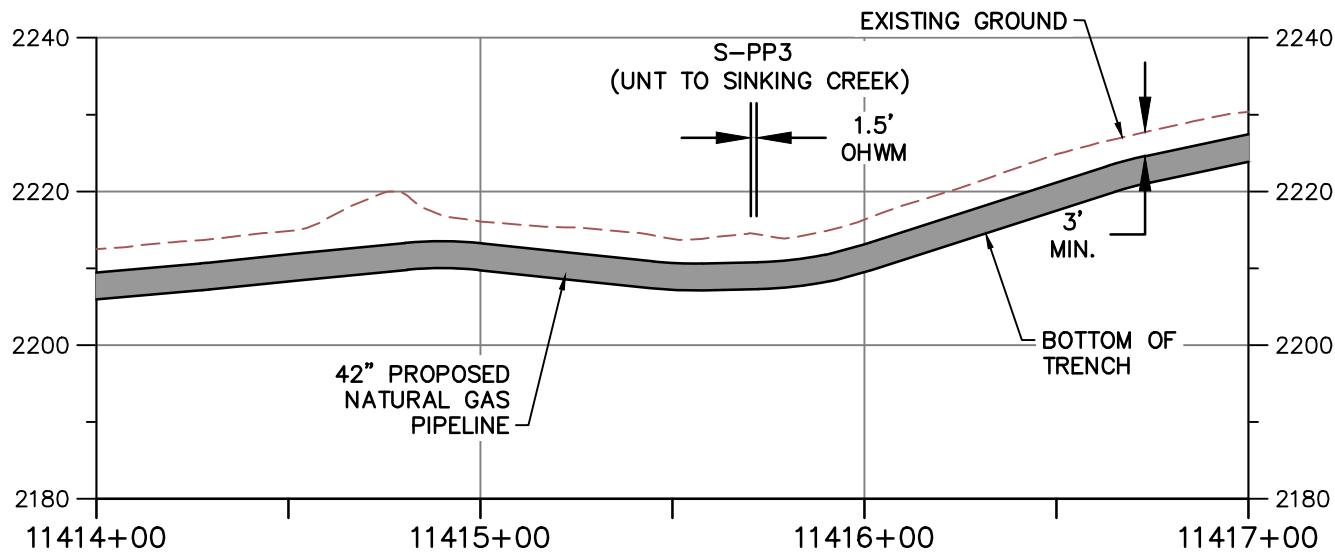
STATION = 11397+51

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

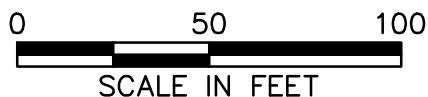
DATE:	2/12/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
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PROFILE A-A

HORIZONTAL



VERTICAL



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STREAM CROSSING

STREAM NAME: S-PP3 (UNT TO SINKING CREEK)

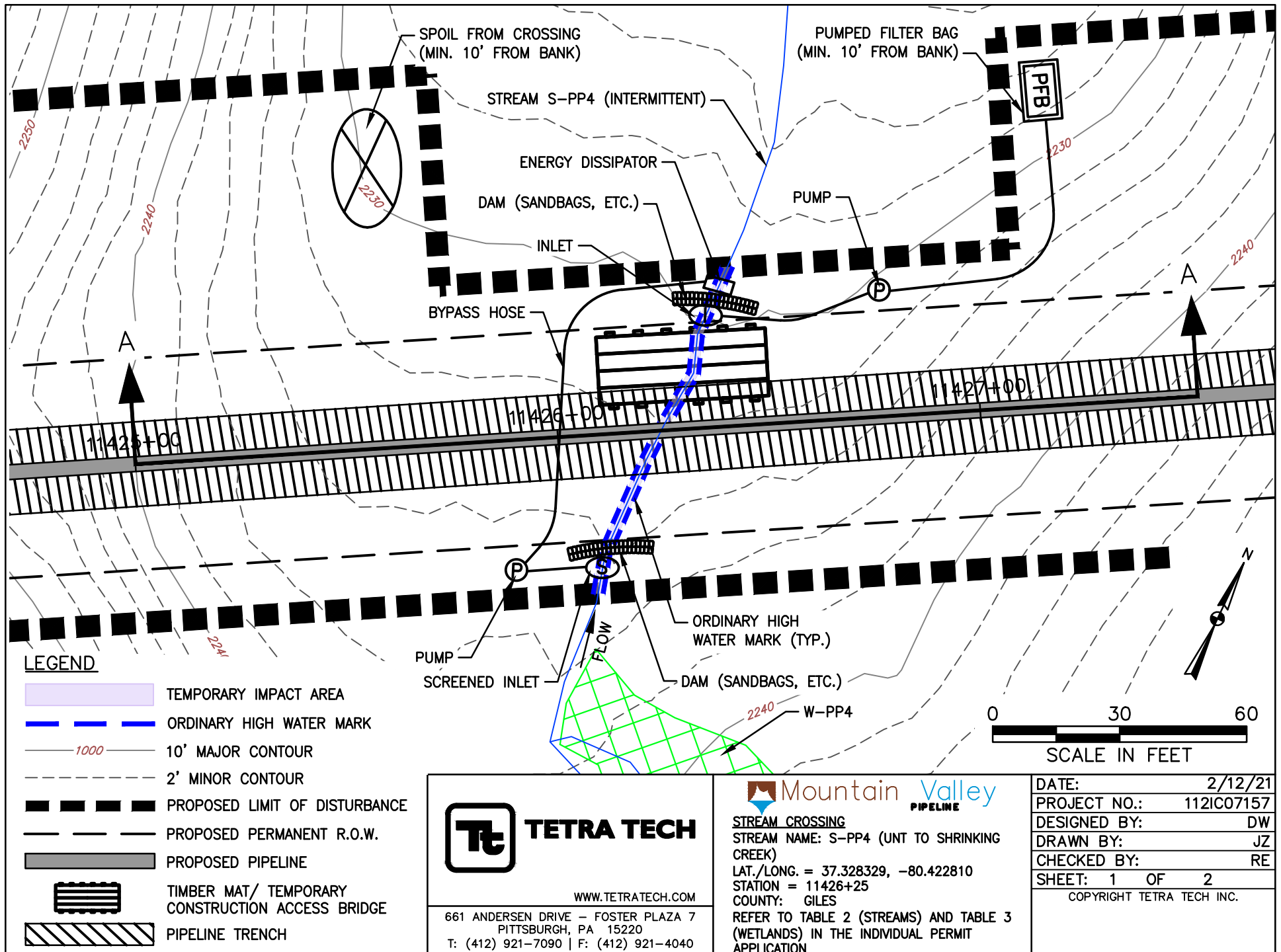
LAT./LONG. = 37.326705, -80.425803

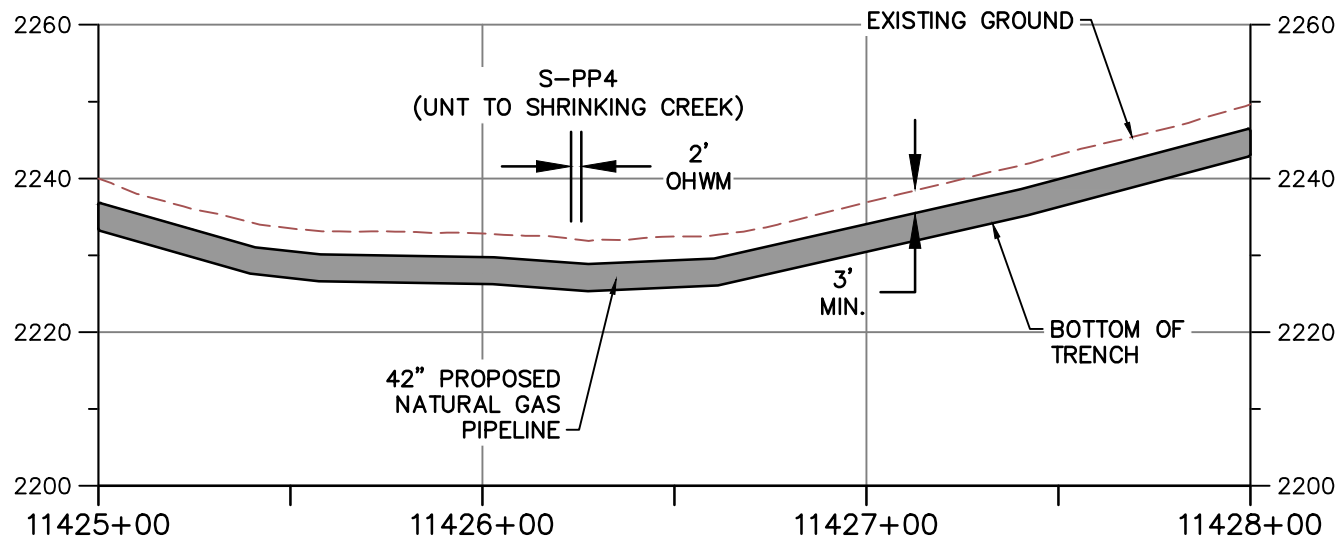
STATION = 11415+71

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/12/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	JZ
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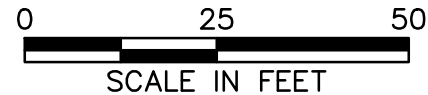


PROFILE A-A

HORIZONTAL



VERTICAL



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STREAM CROSSING

STREAM NAME: S-PP4 (UNT TO SHRINKING CREEK)

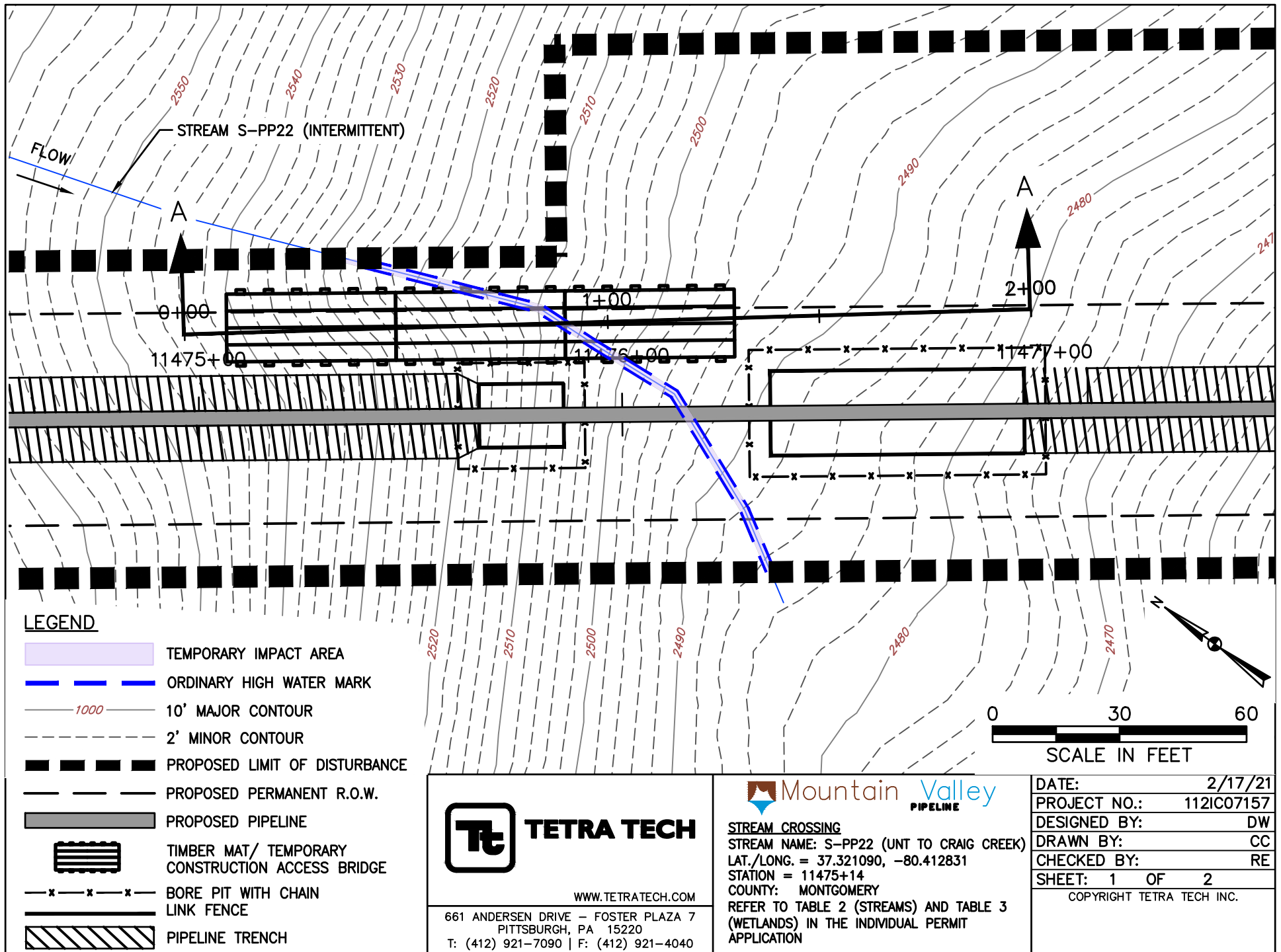
LAT./LONG. = 37.328329, -80.422810

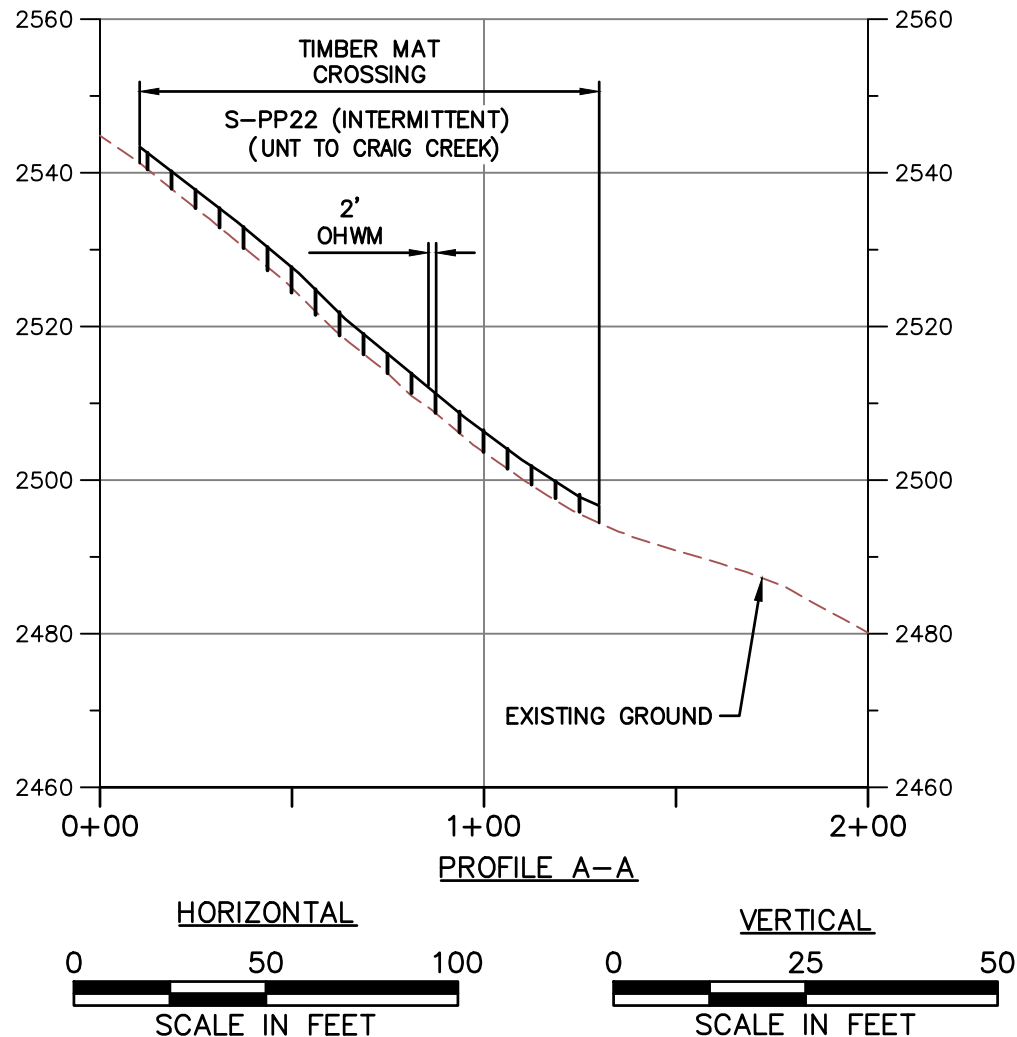
STATION = 11426+25

COUNTY: GILES

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/12/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
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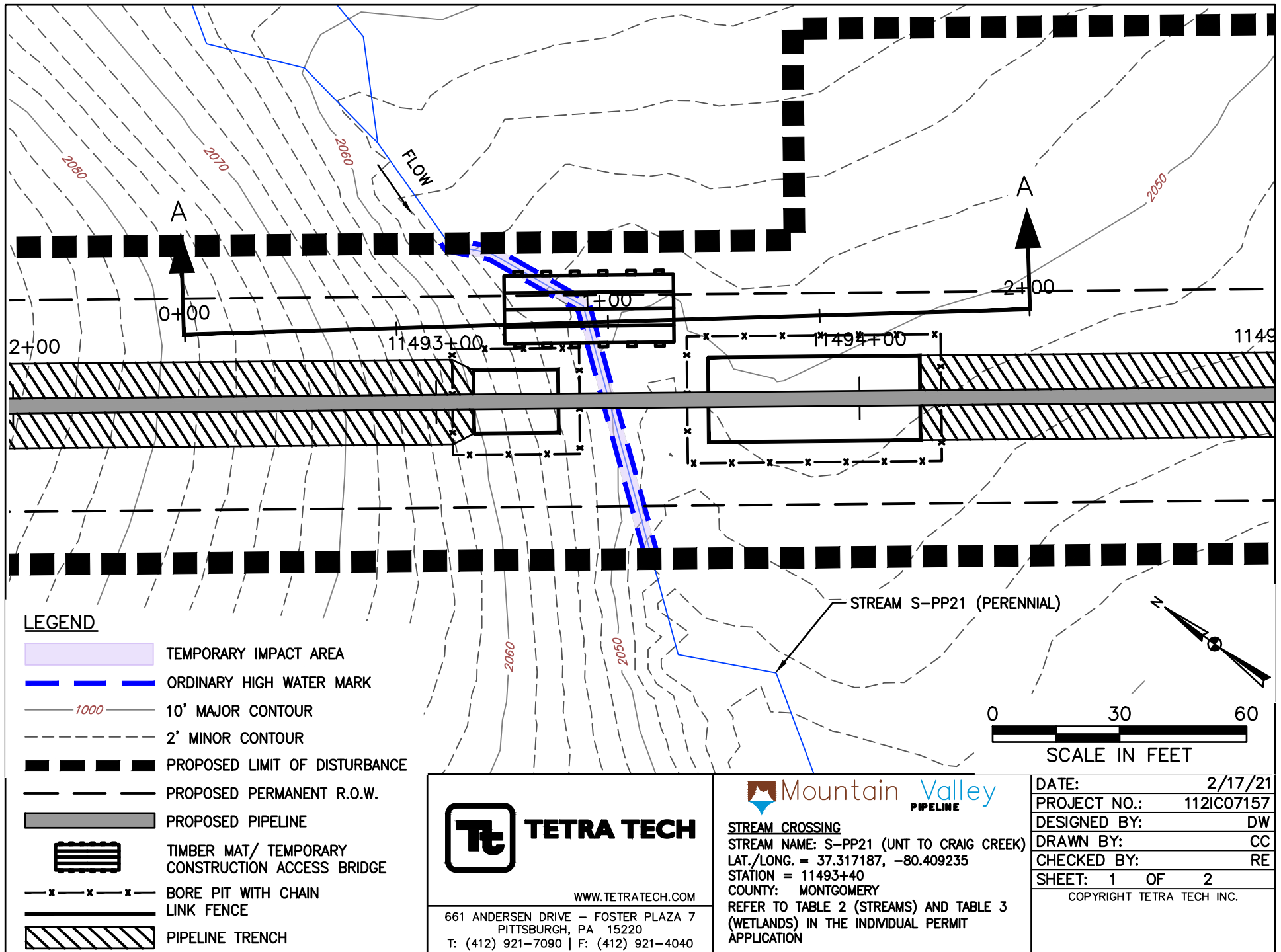
661 ANDERSEN DRIVE - FOSTER PLAZA 7
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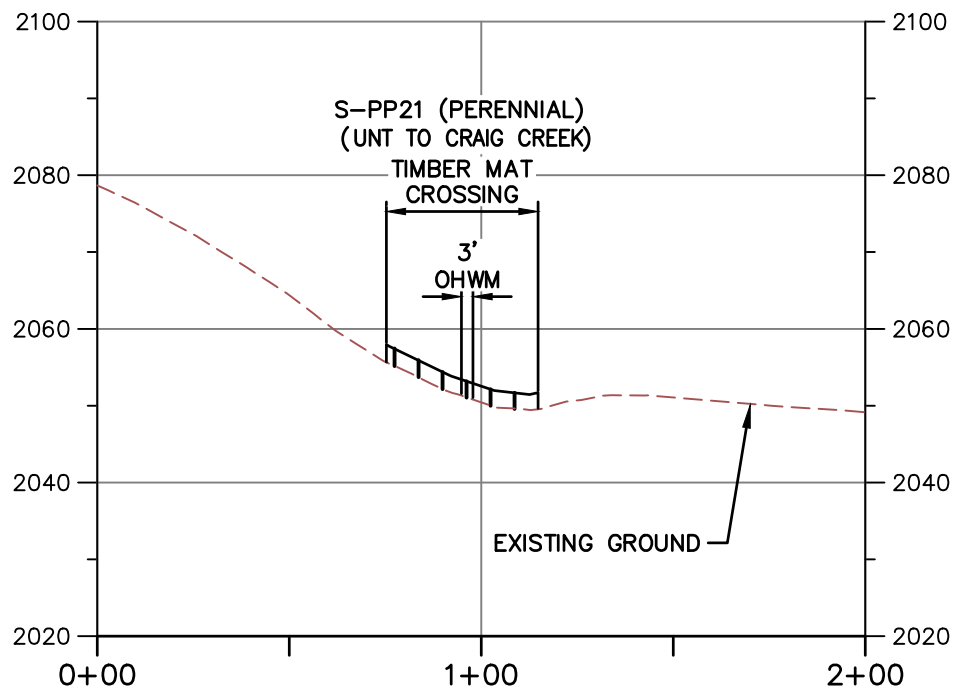


STREAM CROSSING

STREAM NAME: S-PP22 (UNT TO CRAIG CREEK)
LAT./LONG. = 37.321090, -80.412831
STATION = 11475+14
COUNTY: MONTGOMERY
REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

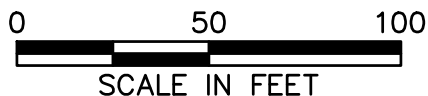
DATE:	2/17/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	CC
CHECKED BY:	RE
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PROFILE A-A

HORIZONTAL



VERTICAL



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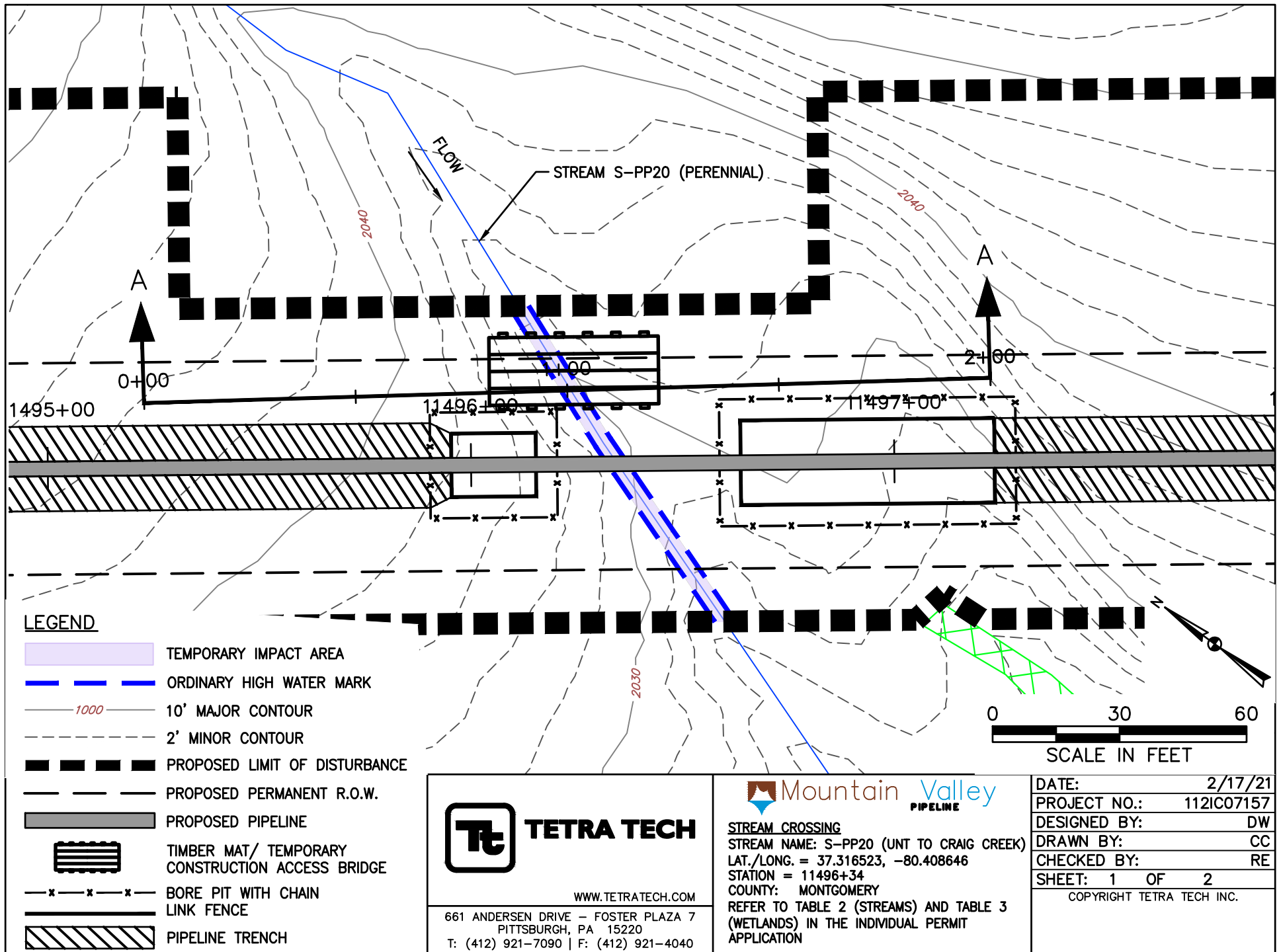


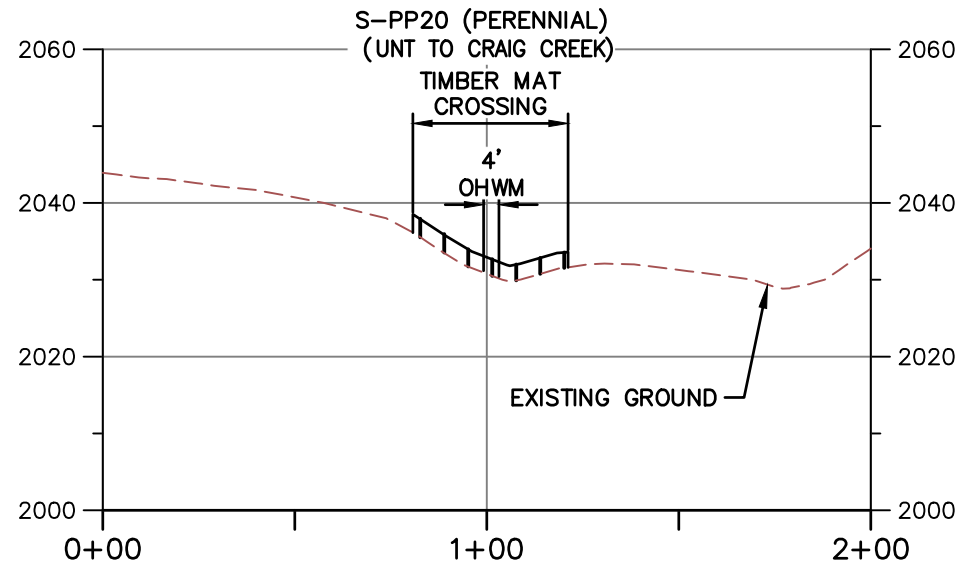
STREAM CROSSING

STREAM NAME: S-PP21 (UNT TO CRAIG CREEK)
LAT./LONG. = 37.317187, -80.409235
STATION = 11493+40
COUNTY: MONTGOMERY
REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/17/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	CC
CHECKED BY:	RE
SHEET:	2 OF 2

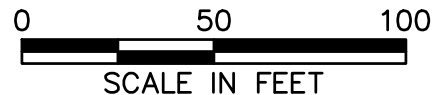
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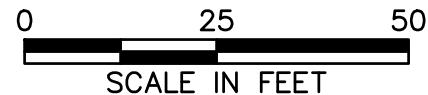


PROFILE A-A

HORIZONTAL



VERTICAL



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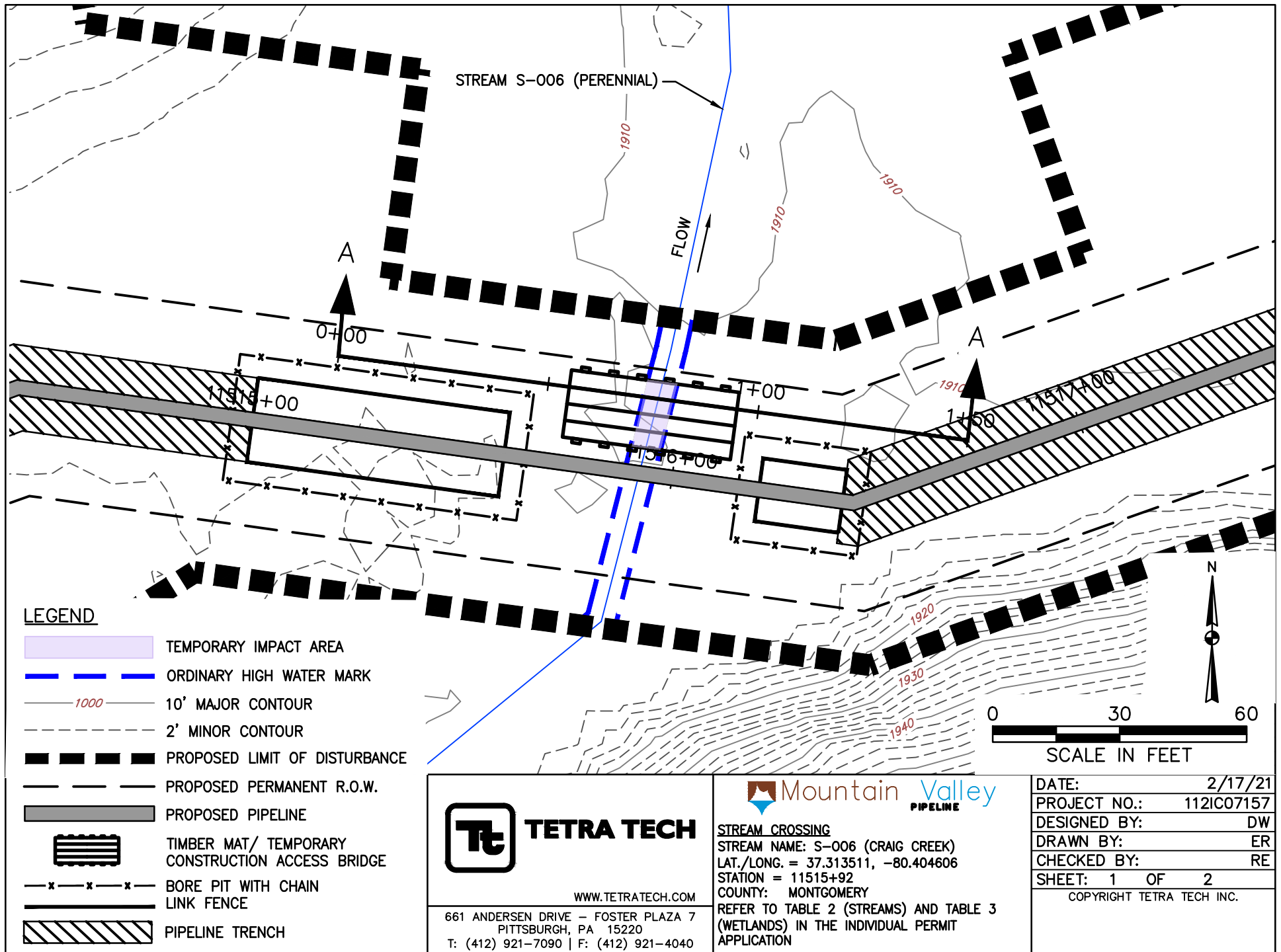
661 ANDERSEN DRIVE - FOSTER PLAZA 7
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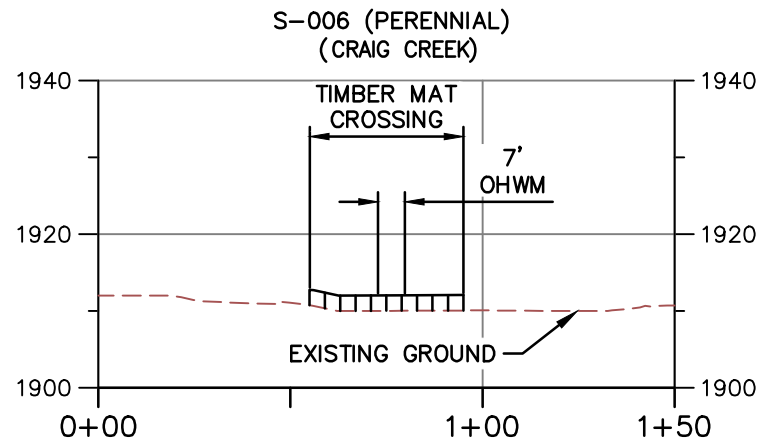


STREAM CROSSING

STREAM NAME: S-PP20 (UNT TO CRAIG CREEK)
LAT./LONG. = 37.316523, -80.408646
STATION = 11496+34
COUNTY: MONTGOMERY
REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

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PROJECT NO.:	112IC07157
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PROFILE A-A

HORIZONTAL



VERTICAL



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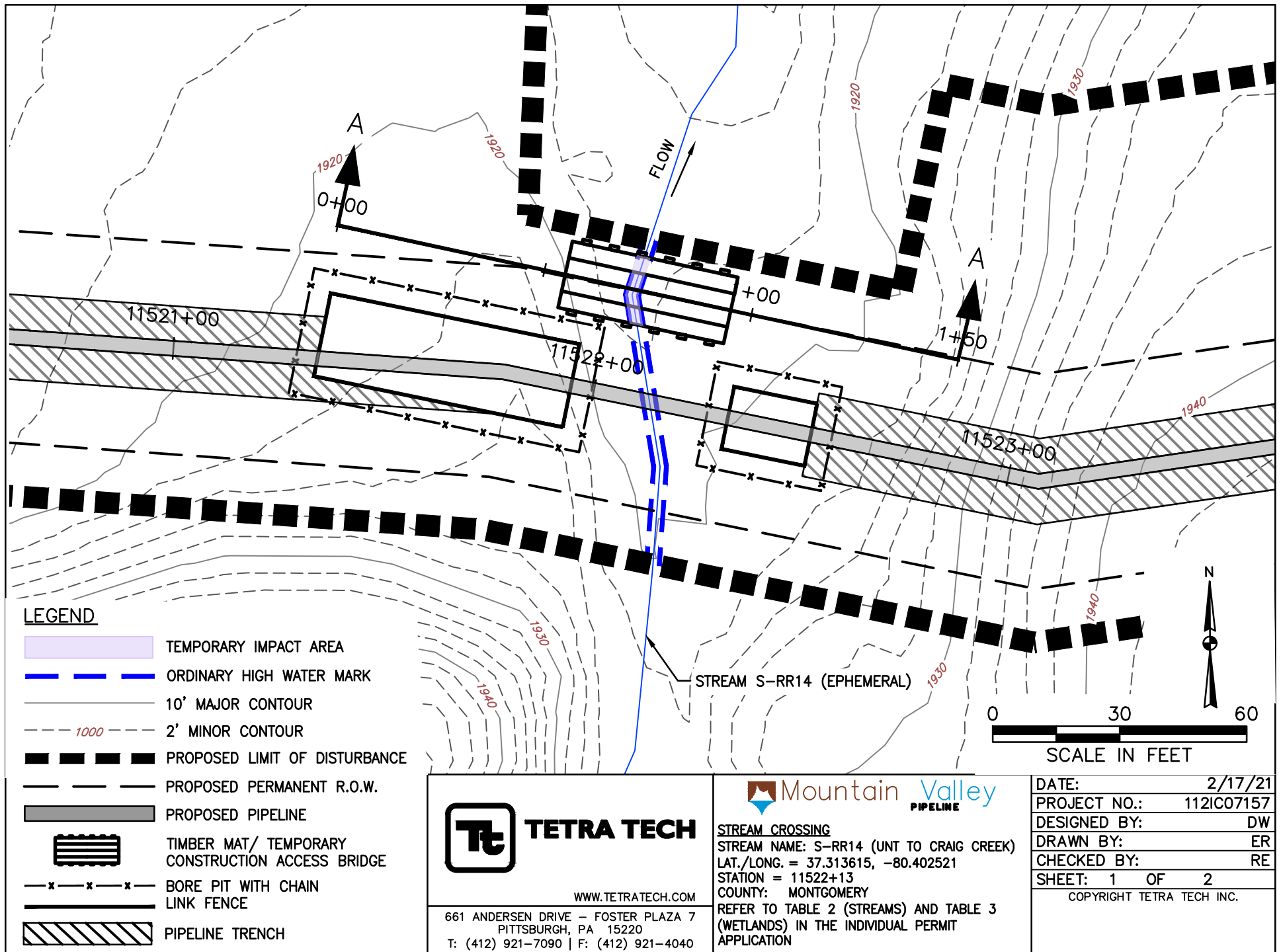
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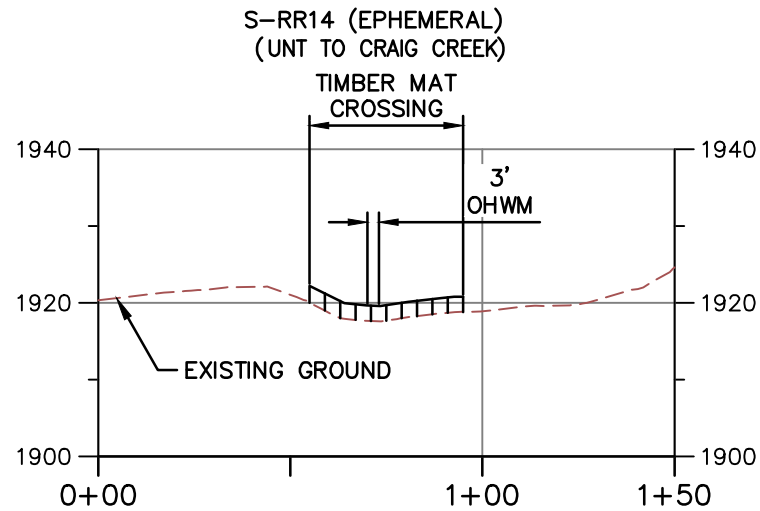
STREAM NAME: S-006 (CRAIG CREEK)
LAT./LONG. = 37.313511, -80.404606
STATION = 11515+92
COUNTY: MONTGOMERY

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

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PROFILE A-A

HORIZONTAL



VERTICAL



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STREAM CROSSING

STREAM NAME: S-RR14 (UNT TO CRAIG CREEK)

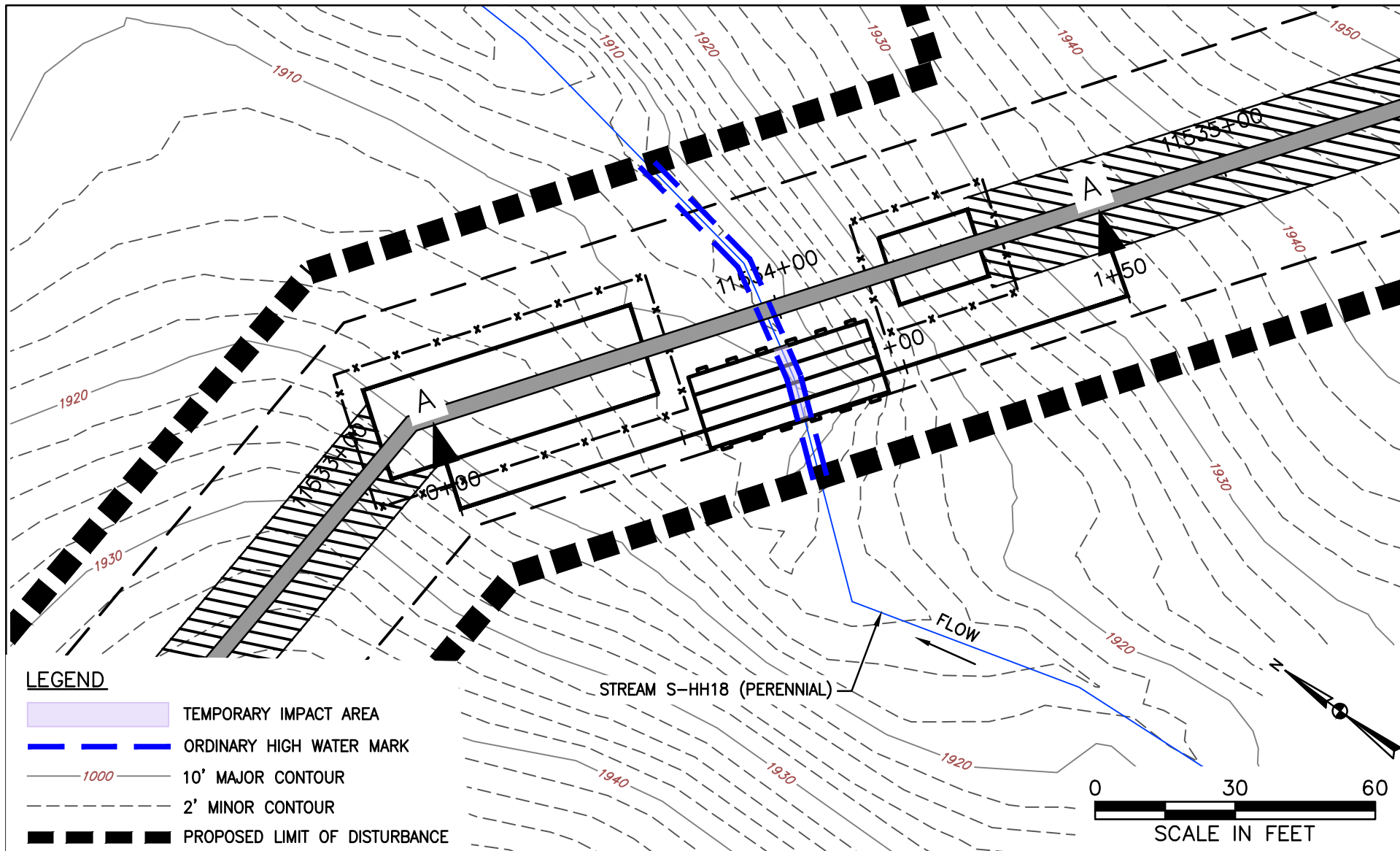
LAT./LONG. = 37.313615, -80.402521

STATION = 11522+13

COUNTY: MONTGOMERY

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

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LEGEND

- TEMPORARY IMPACT AREA
- ORDINARY HIGH WATER MARK
- 10' MAJOR CONTOUR
- 2' MINOR CONTOUR
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED PERMANENT R.O.W.
- PROPOSED PIPELINE
- TIMBER MAT/ TEMPORARY CONSTRUCTION ACCESS BRIDGE
- BORE PIT WITH CHAIN LINK FENCE
- PIPELINE TRENCH



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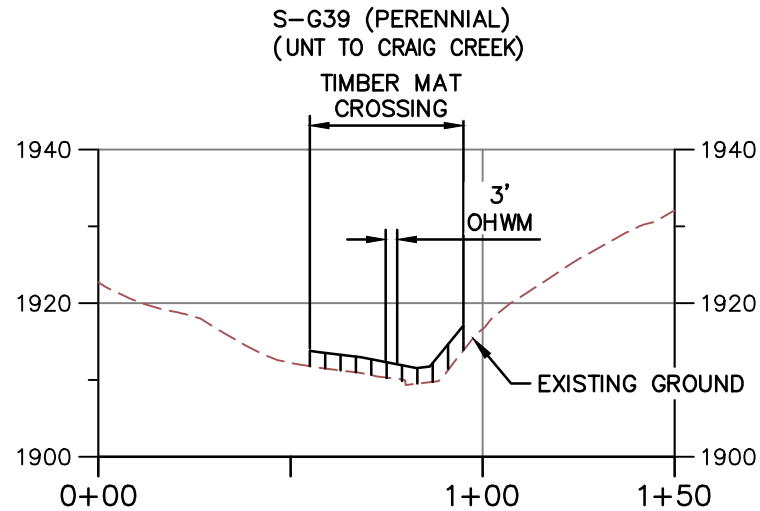
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STREAM CROSSING

STREAM NAME: S-HH18 (UNT TO CRAIG CREEK)
LAT./LONG. = 37.313910, -80.398683
STATION = 11533+97
COUNTY: MONTGOMERY
REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE: 2/17/21
PROJECT NO.: 112IC07157
DESIGNED BY: DW
DRAWN BY: ER
CHECKED BY: RE
SHEET: 1 OF 2
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PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
3. APPROVED ESC AND SWM MEASURES ARE NOT SHOWN FOR CLARITY.
4. PIPELINE NOT SHOWN ON PROFILE BECAUSE IT IS A BORE BELOW SURFACE WATER AND DOES NOT CREATE AN IMPACT.



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STREAM CROSSING

STREAM NAME: S-HH18 (UNT TO CRAIG CREEK)

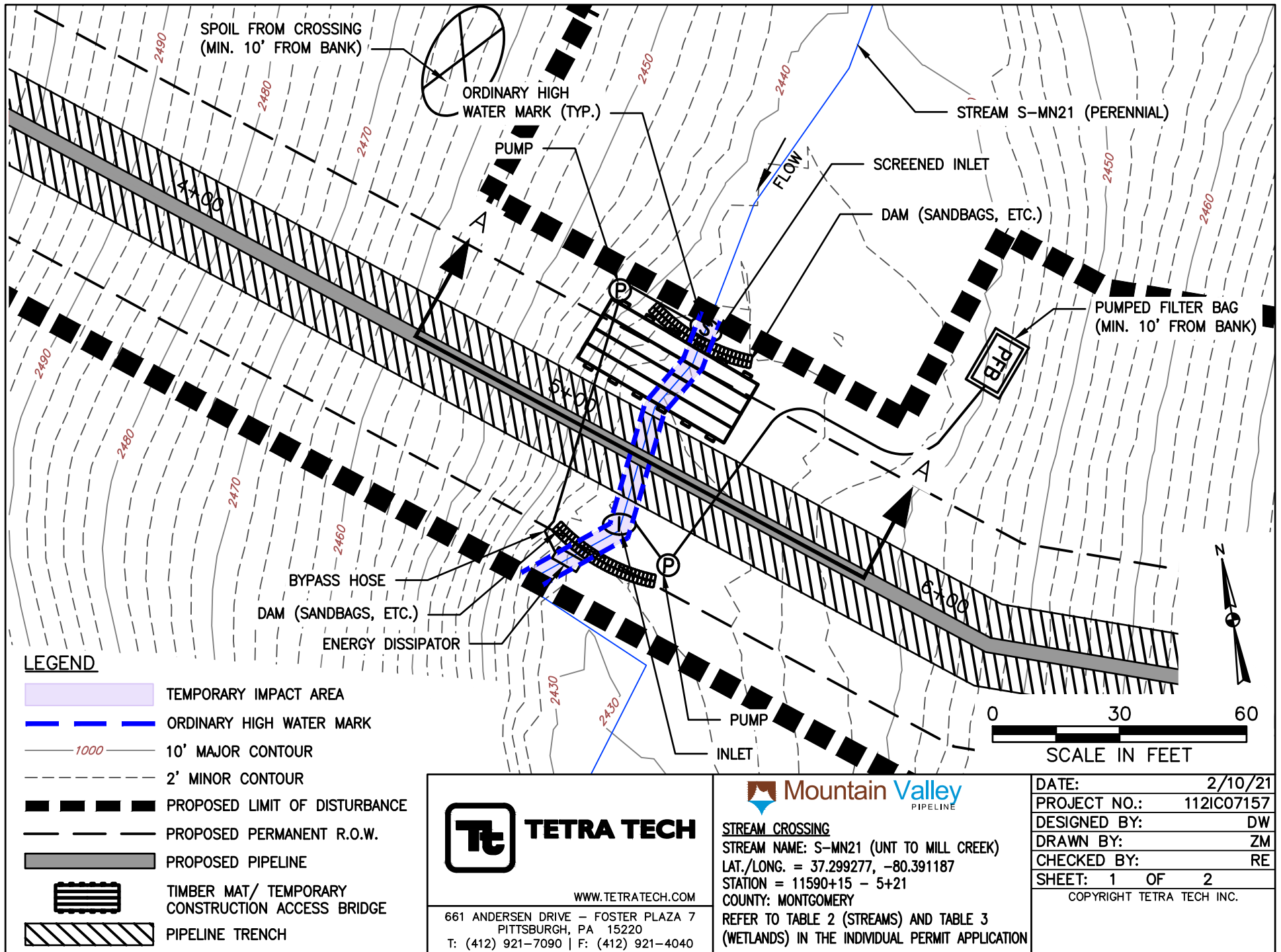
LAT./LONG. = 37.313910, -80.398683

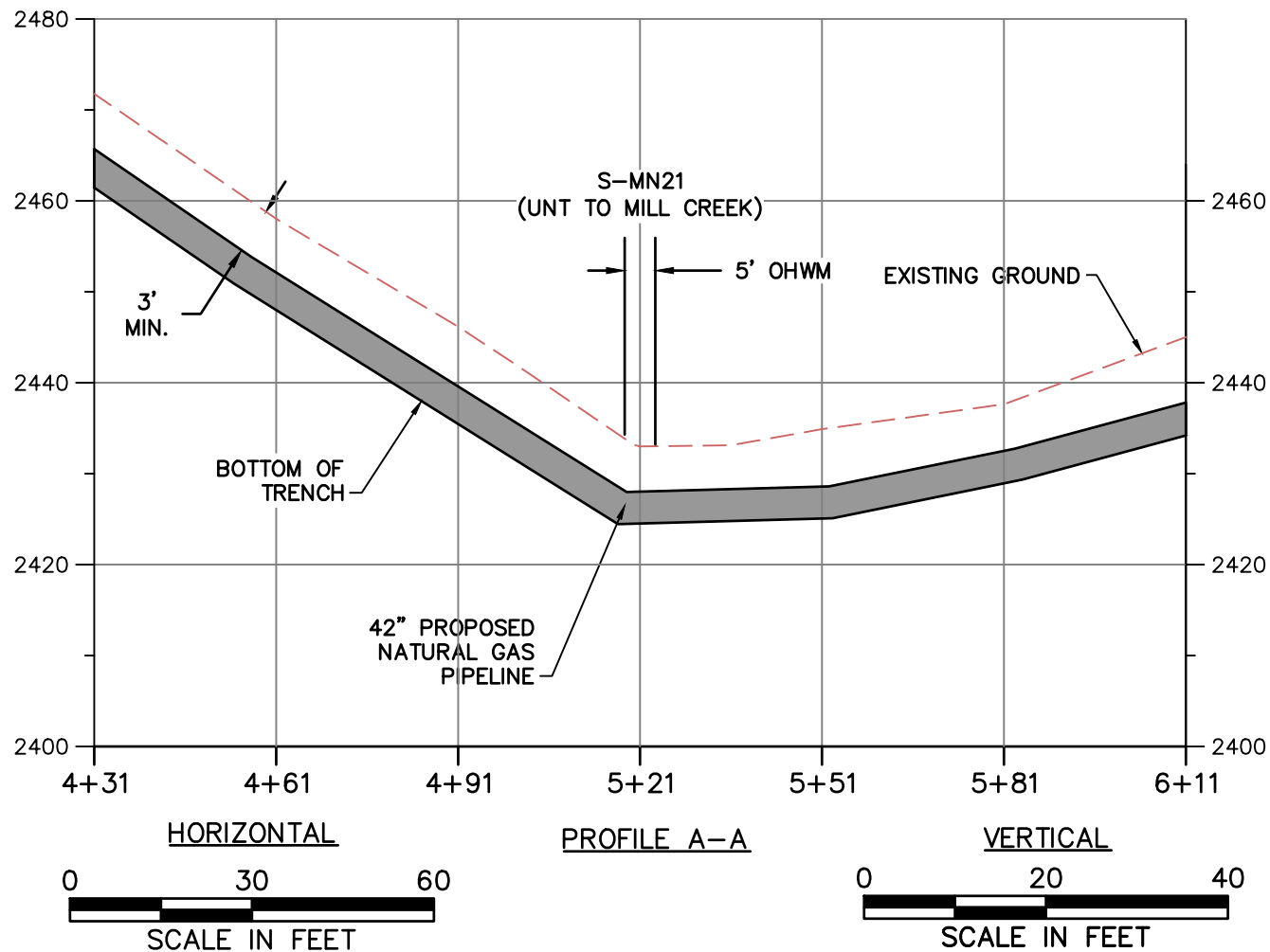
STATION = 11533+97

COUNTY: MONTGOMERY

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/17/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	ER
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SHEET: 2 OF 2	
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NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
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3. APPROVED ESC AND SWM MEASURES ARE NOT SHOWN FOR CLARITY



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STREAM CROSSING

STREAM NAME: S-MN21 (UNT TO MILL CREEK)

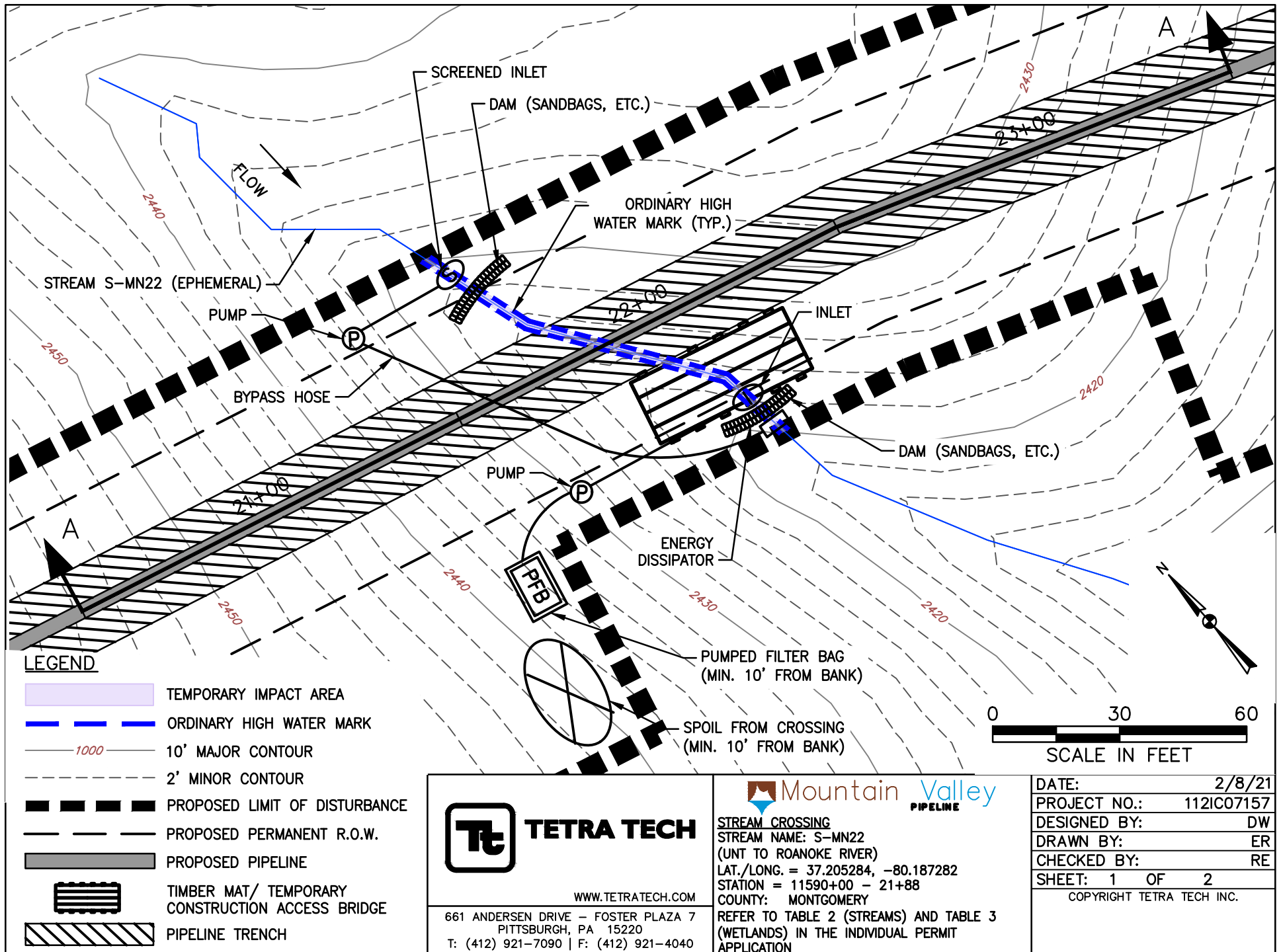
LAT./LONG. = 37.299277, -80.391187

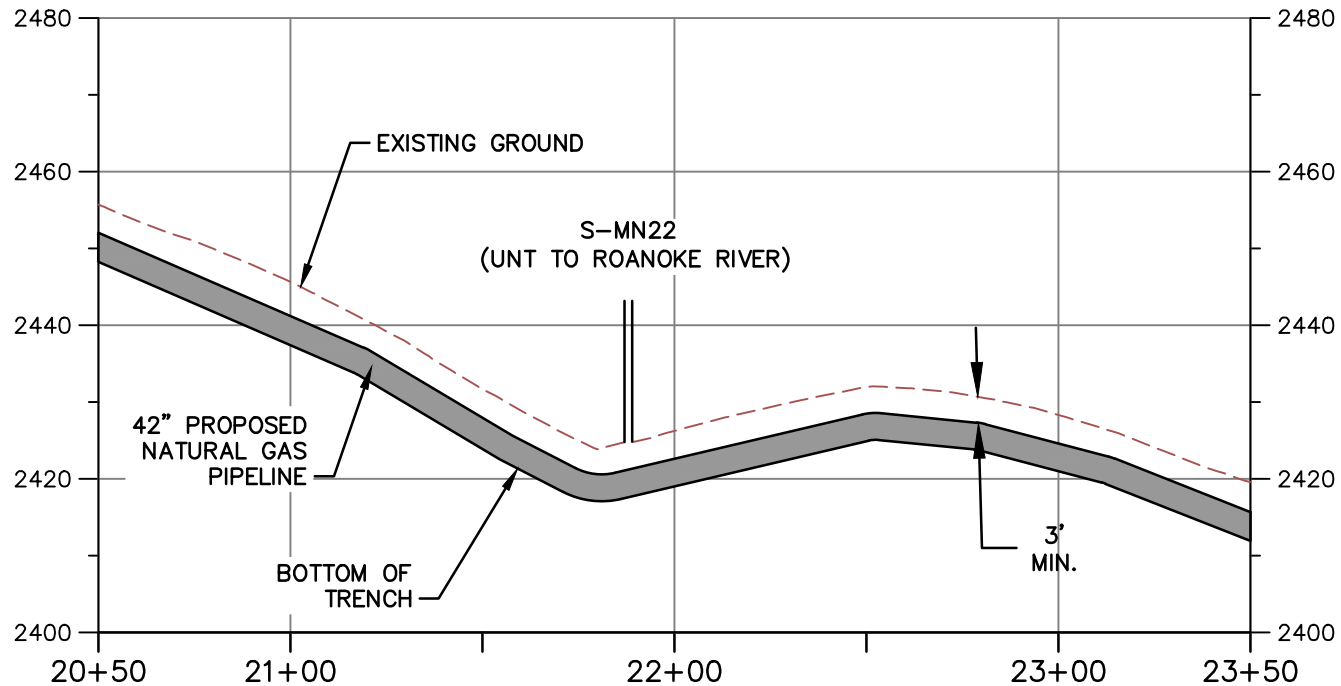
STATION = 11590+15 - 5+21

COUNTY: MONTGOMERY

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/10/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	ZM
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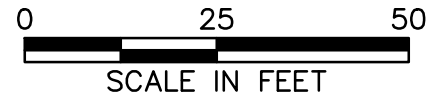


PROFILE A-A

HORIZONTAL



VERTICAL



NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
3. APPROVED ESC AND SWM MEASURES ARE NOT SHOWN FOR CLARITY



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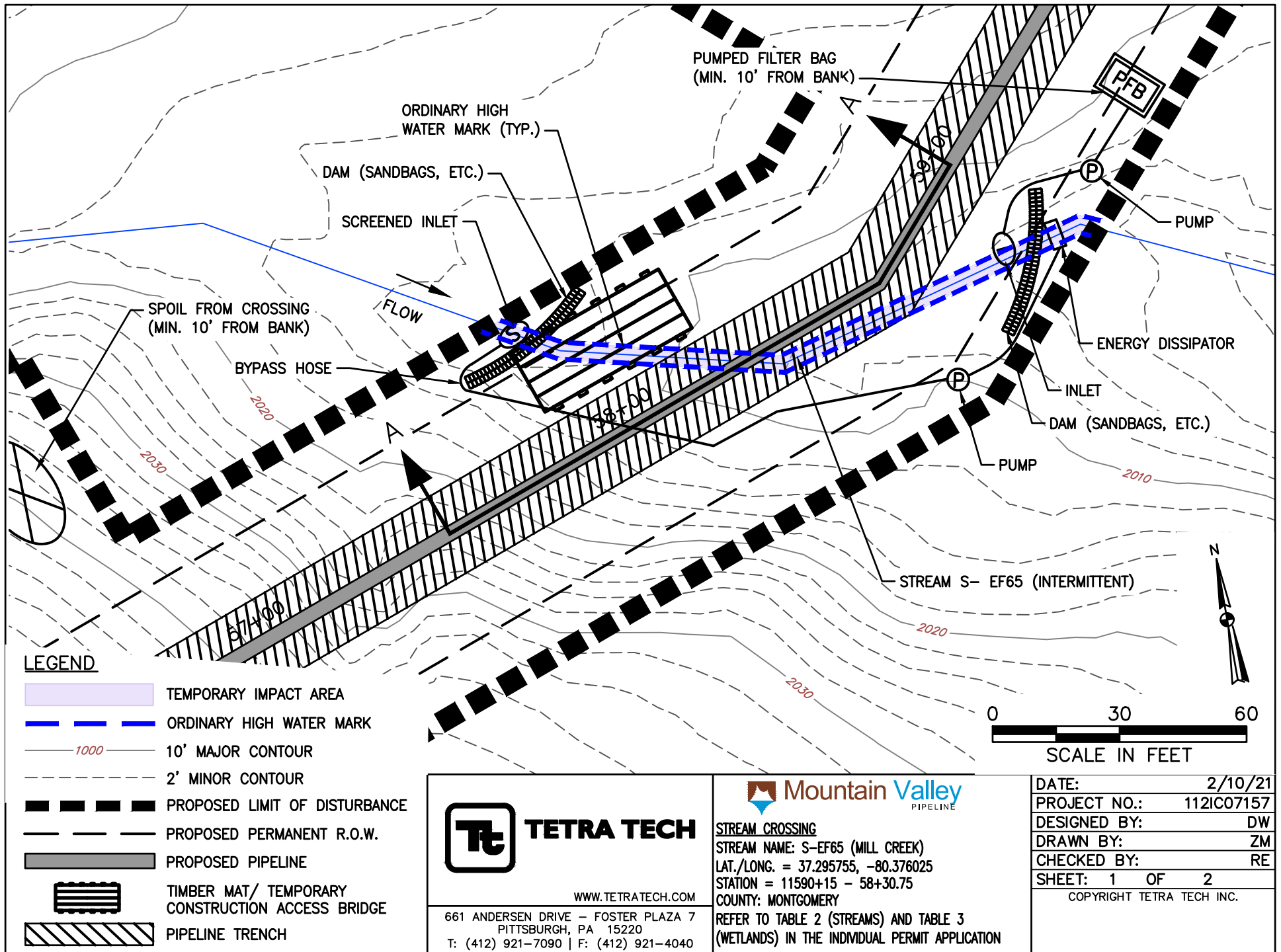
661 ANDERSEN DRIVE - FOSTER PLAZA 7
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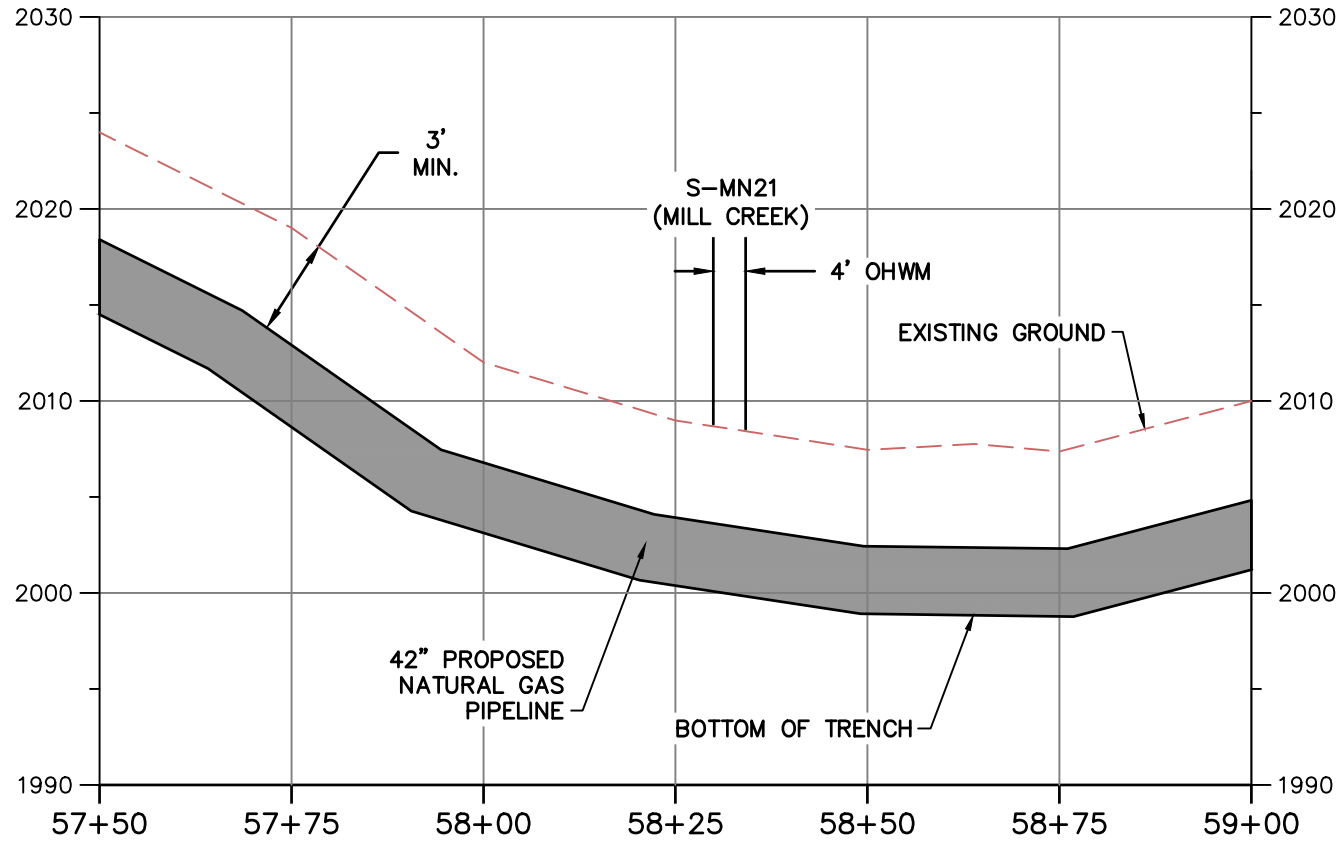


STREAM CROSSING

STREAM NAME: S-MN22
(UNT TO ROANOKE RIVER)
LAT./LONG. = 37.205284, -80.187282
STATION = 11590+00 - 21+88
COUNTY: MONTGOMERY
REFER TO TABLE 2 (STREAMS) AND TABLE 3
(WETLANDS) IN THE INDIVIDUAL PERMIT
APPLICATION

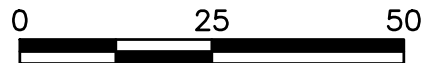
DATE:	2/8/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
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SHEET: 2 OF 2	
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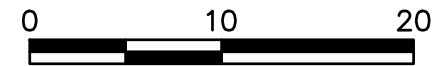


PROFILE A-A

HORIZONTAL



VERTICAL



SCALE IN FEET

NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
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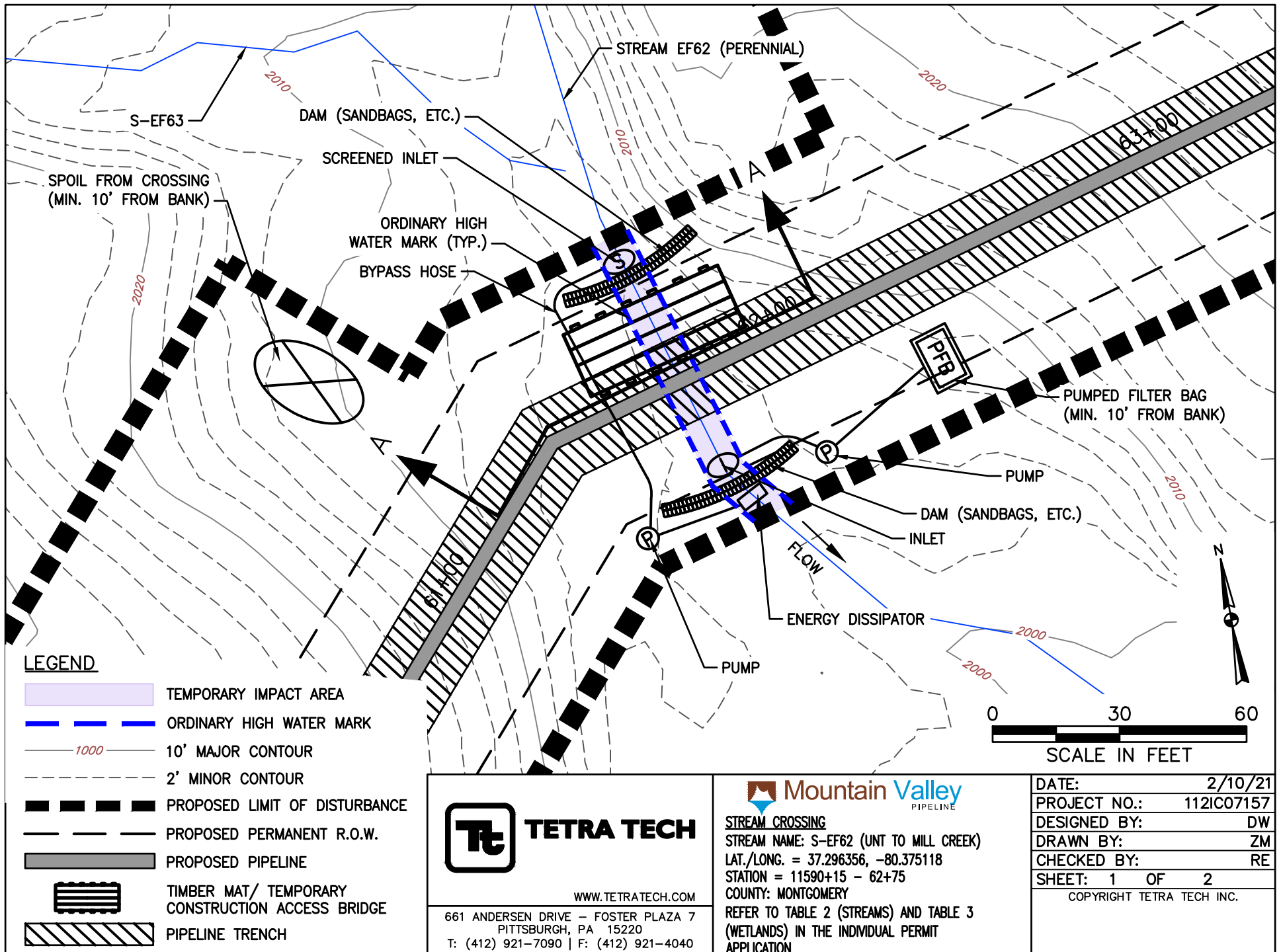
STREAM CROSSING

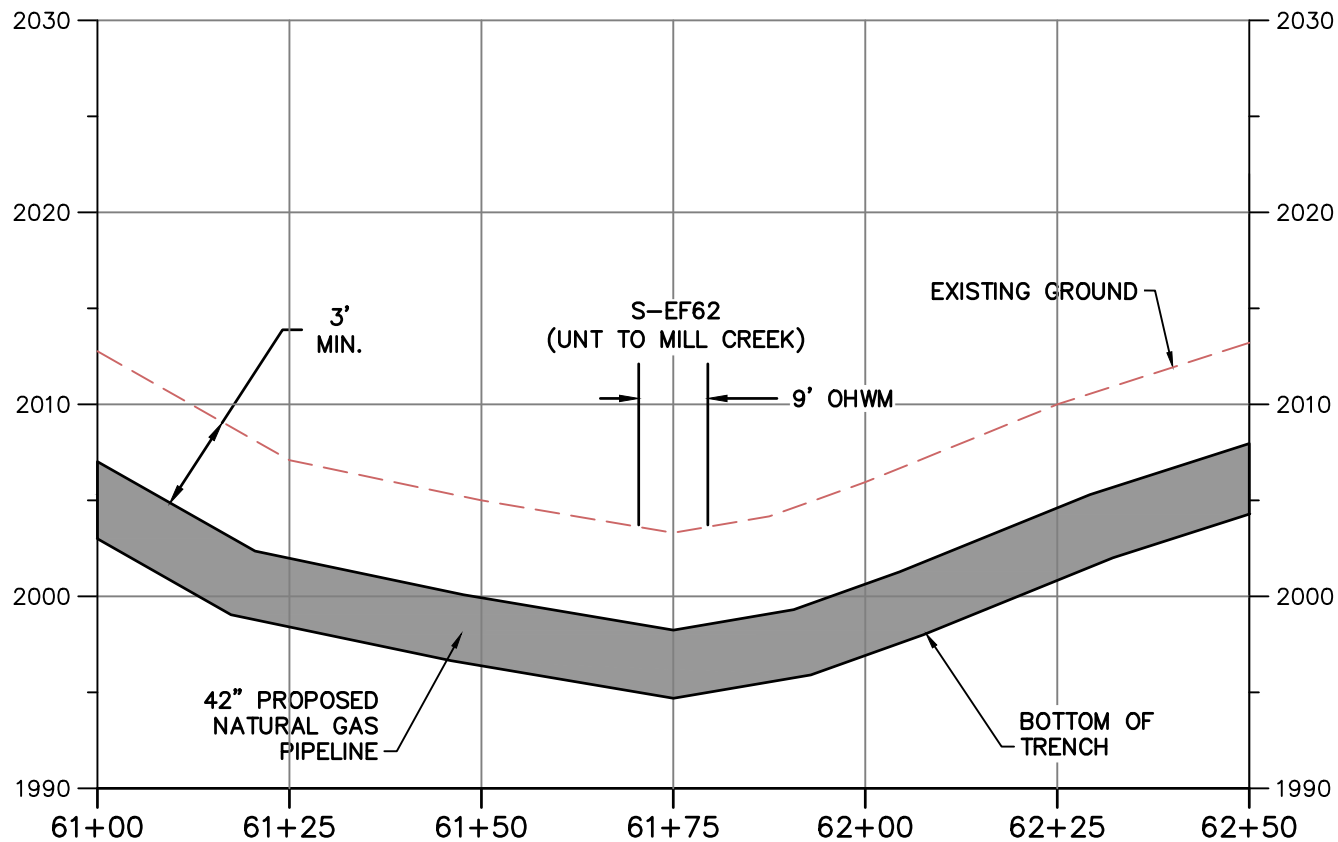
STREAM NAME: S-EF65 (MILL CREEK)
LAT./LONG. = 37.295755, -80.376025
STATION = 11590+15 - 58+30.75
COUNTY: MONTGOMERY

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/10/21
PROJECT NO.:	112IC07157
DESIGNED BY:	DW
DRAWN BY:	ZM
CHECKED BY:	RE
SHEET:	2 OF 2

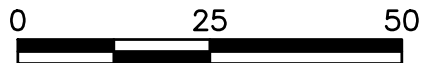
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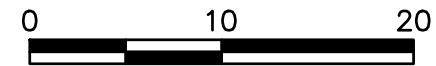


PROFILE A-A

HORIZONTAL



VERTICAL



SCALE IN FEET

NOTE:

1. MINIMUM 3' OF COVER BETWEEN STREAMBED AND TOP OF PIPELINE.
2. PROPOSED FILL WILL BE IN TRENCH AND WILL BE RESTORED TO PRECONSTRUCTION ELEVATIONS.
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STREAM CROSSING

STREAM NAME: S-EF62 (UNT TO MILL CREEK)

LAT./LONG. = 37.296356, -80.375118

STATION = 11590+15 - 62+75

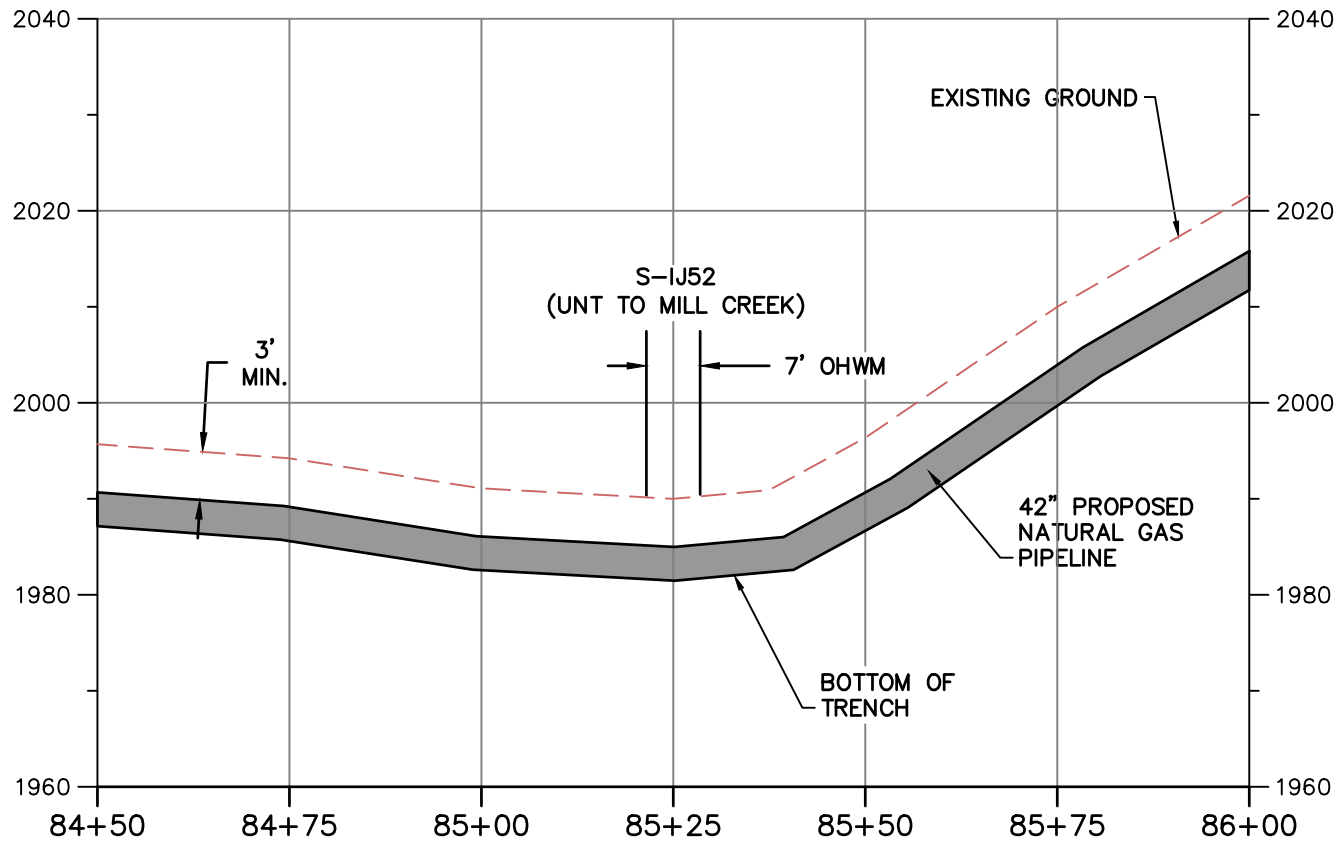
COUNTY: MONTGOMERY

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

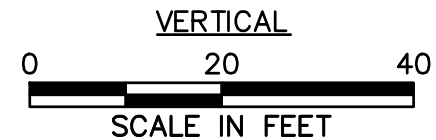
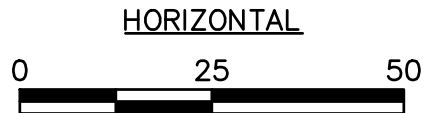
DATE:	2/10/21
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PROFILE A-A



NOTE:

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STREAM CROSSING

STREAM NAME: S-IJ52 (UNT TO MILL CREEK)

LAT./LONG. = 37.296153, -80.367510

STATION = 11590+15 - 85+25

COUNTY: MONTGOMERY

REFER TO TABLE 2 (STREAMS) AND TABLE 3 (WETLANDS) IN THE INDIVIDUAL PERMIT APPLICATION

DATE:	2/10/21
PROJECT NO.:	112IC07157
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