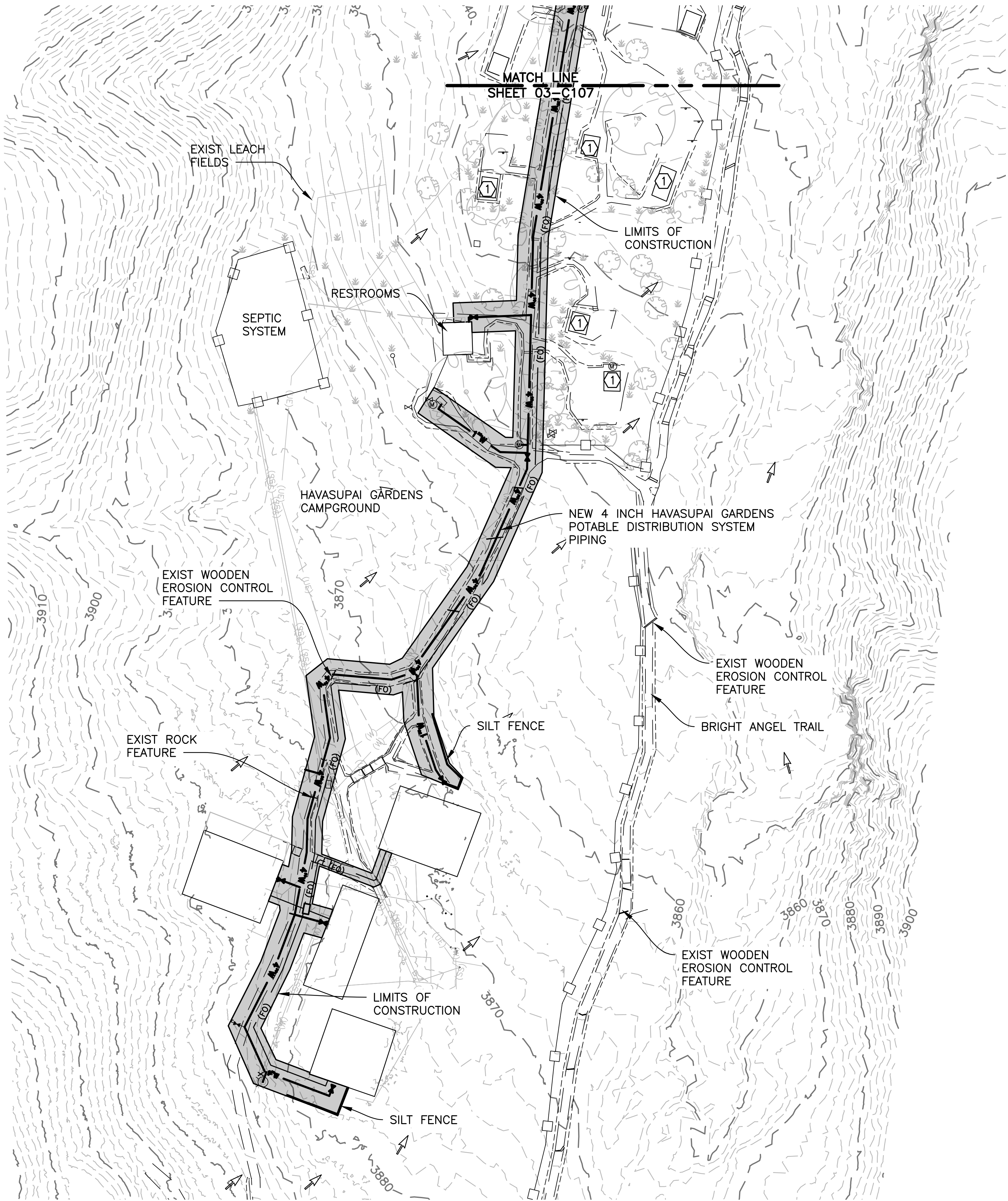




KEY MAP

LEGEND:

- LIMITS OF CONSTRUCTION
- SILT FENCE
- DIRECTION OF FLOW

GENERAL NOTES:

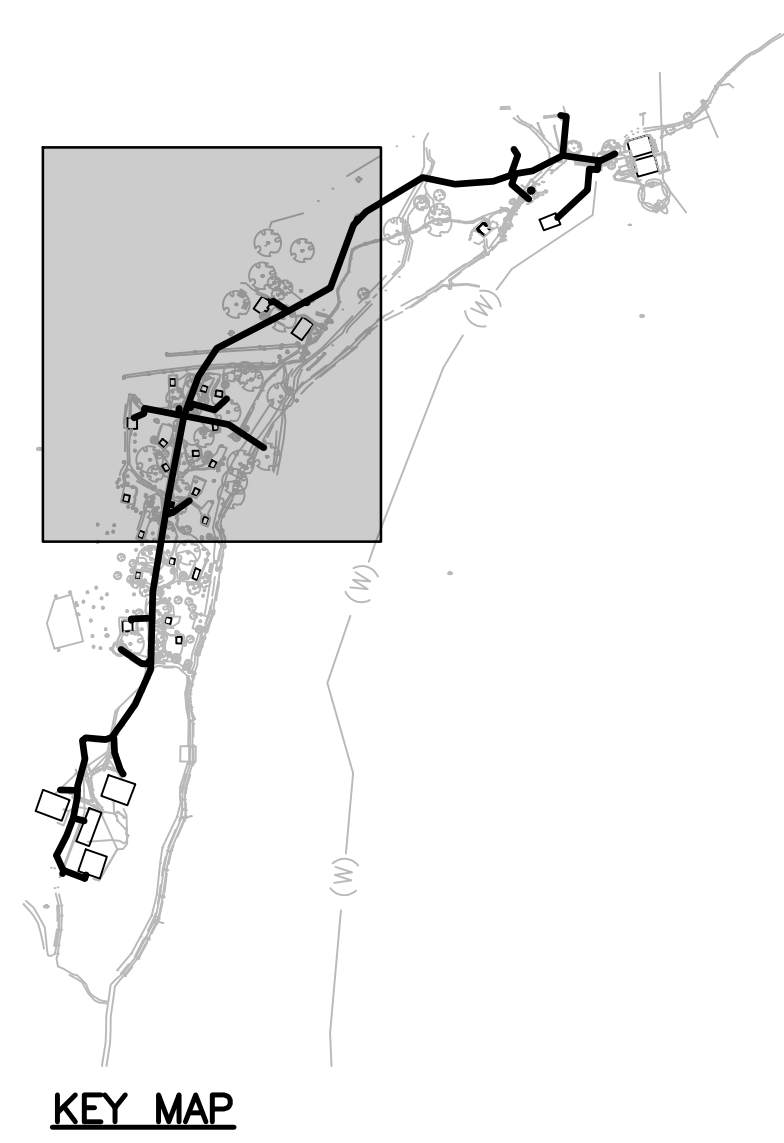
- A. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED IN FIELD BY CONTRACTOR.
- B. PROVIDE ROOT PRESERVATION AND TREE/PLANT PROTECTION.
- C. CONTRACTOR TO PROTECT ALL TREES AND PERMANENT STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION.

KEY NOTES:

- CAMP SITE.



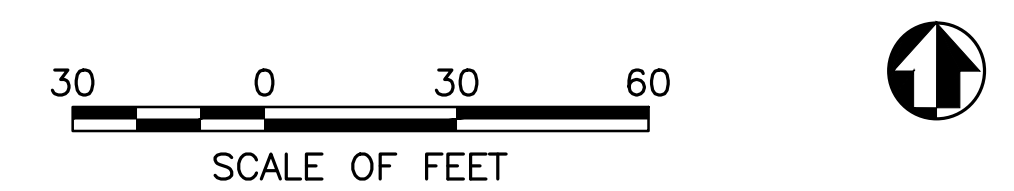
DESIGNED: K. KELLY	SUB SHEET NO. 03-C106	TITLE OF SHEET HAVASUPAI GARDENS EROSION CONTROL PLAN	DRAWING NO. 113 144566
TECH. REVIEW: M. STUCKY		GRAND CANYON NATIONAL PARK	PMIS/PKG NO. 190083
DATE: 04/22/2022			SHEET 427 OF 737



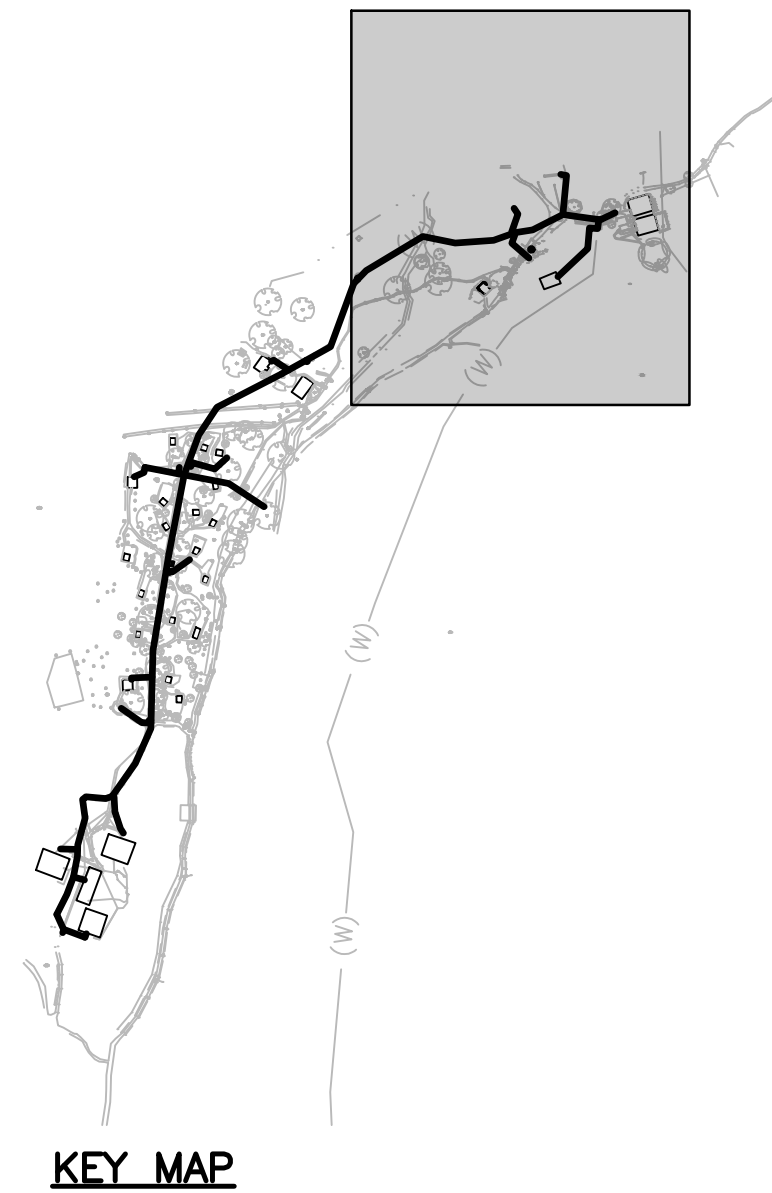
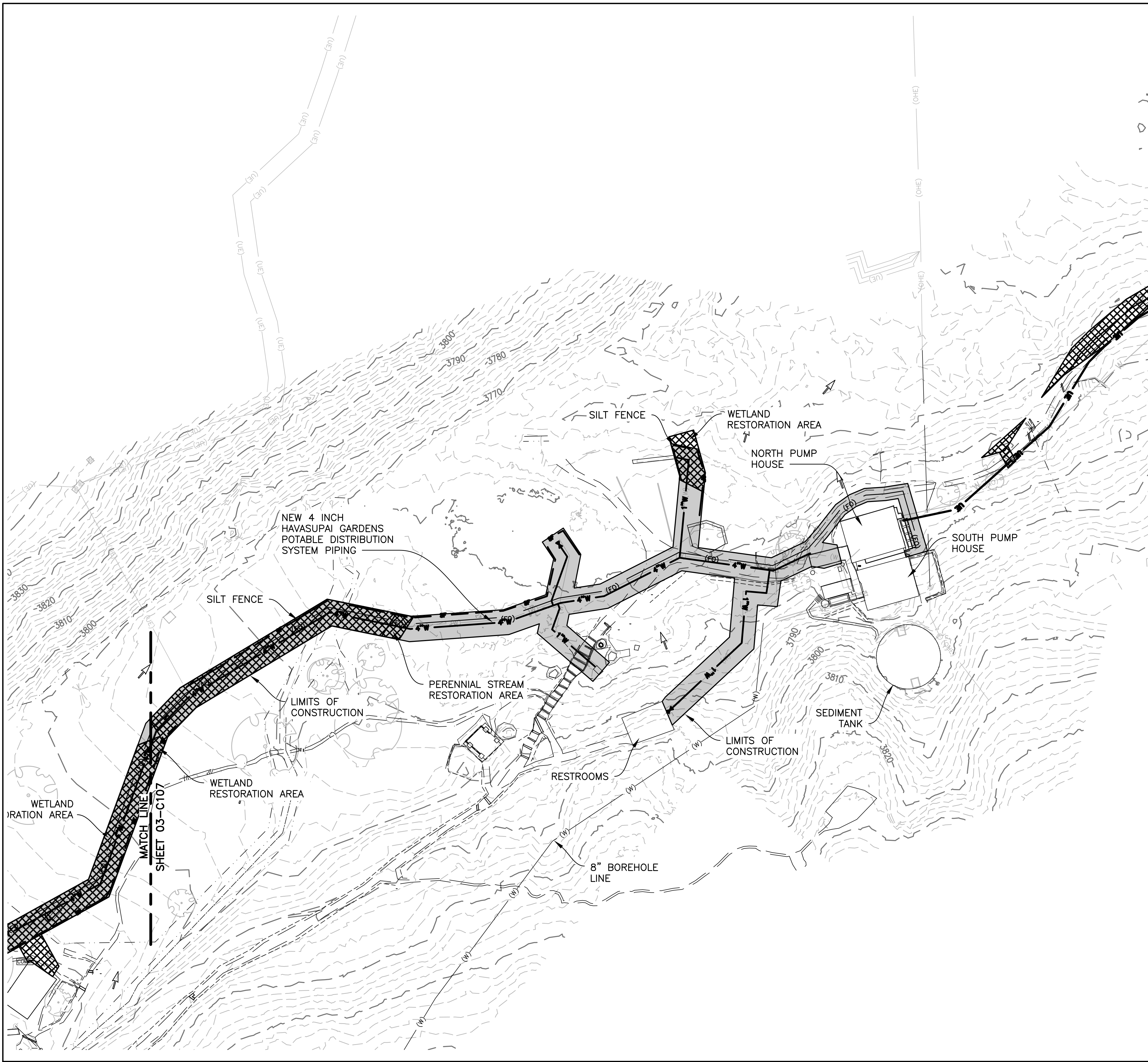
- LEGEND:**
- LIMITS OF CONSTRUCTION
 - SILT FENCE
 - DIRECTION OF FLOW
 - RIPARIAN SEEDMIX

- GENERAL NOTES:**
- A. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED IN FIELD BY CONTRACTOR.
 - B. PROVIDE ROOT PRESERVATION AND TREE/PLANT PROTECTION.
 - C. CONTRACTOR TO PROTECT ALL TREES AND PERMANENT STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION.

- KEY NOTES:**
- ① CAMP SITE.



DESIGNED: K. KELLY	SUB SHEET NO. 03-C107	TITLE OF SHEET HAVASUPAI GARDENS EROSION CONTROL PLAN	DRAWING NO. 113 144566
TECH. REVIEW: M. STUCKY			PMIS/PKG NO. 190083
DATE: 04/22/2022		GRAND CANYON NATIONAL PARK	SHEET 428 OF 737

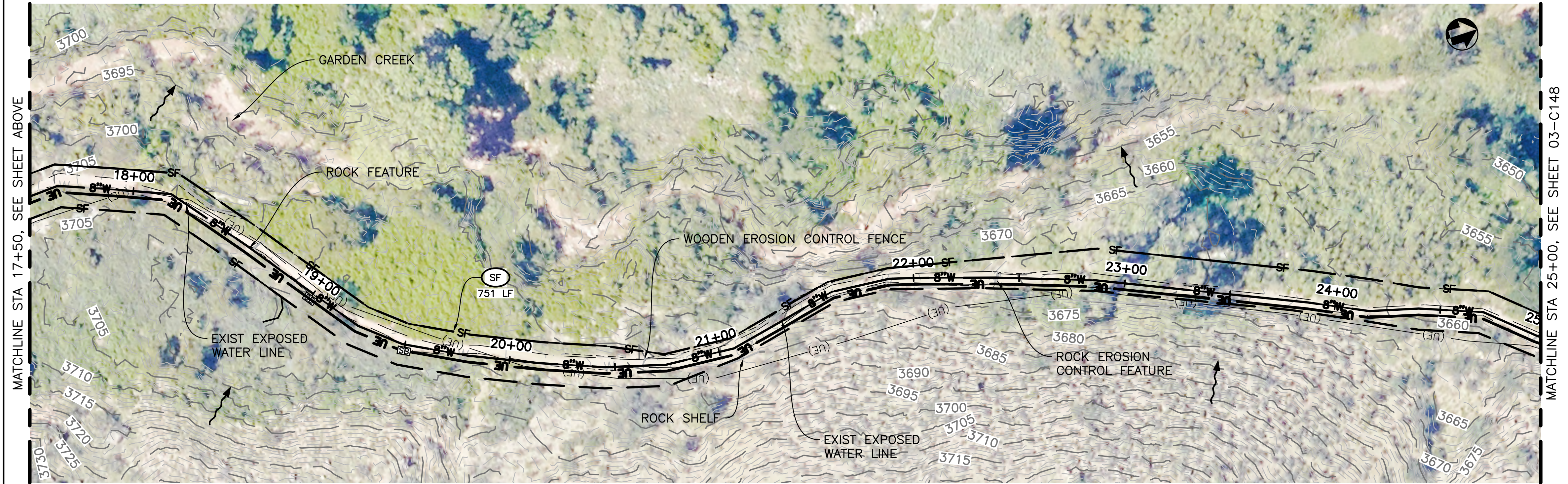
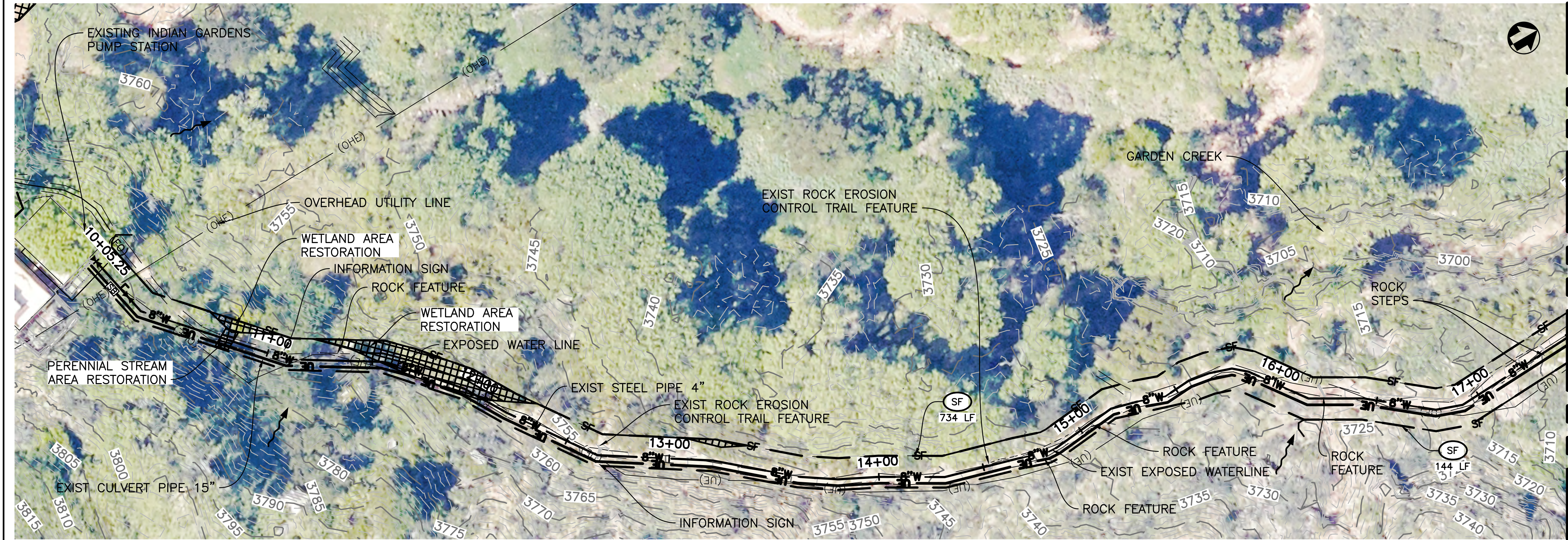


- LEGEND:**
- LIMITS OF CONSTRUCTION
 - SILT FENCE
 - DIRECTION OF FLOW
 - RIPARIAN SEEDMIX

- GENERAL NOTES:**
- A. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED IN FIELD BY CONTRACTOR.
 - B. PROVIDE ROOT PRESERVATION AND TREE/PLANT PROTECTION.
 - C. CONTRACTOR TO PROTECT ALL TREES AND PERMANENT STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION.



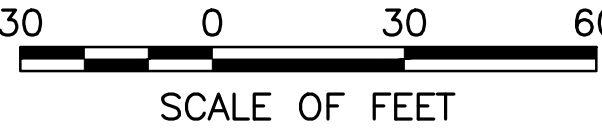
DESIGNED: K. KELLY	SUB SHEET NO. 03-C108	TITLE OF SHEET HAVASUPAI GARDENS EROSION CONTROL PLAN	DRAWING NO. 113 144566
TECH. REVIEW: M. STUCKY		GRAND CANYON NATIONAL PARK	PMIS/PKG NO. 190083
DATE: 04/22/2022			SHEET 429 OF 737



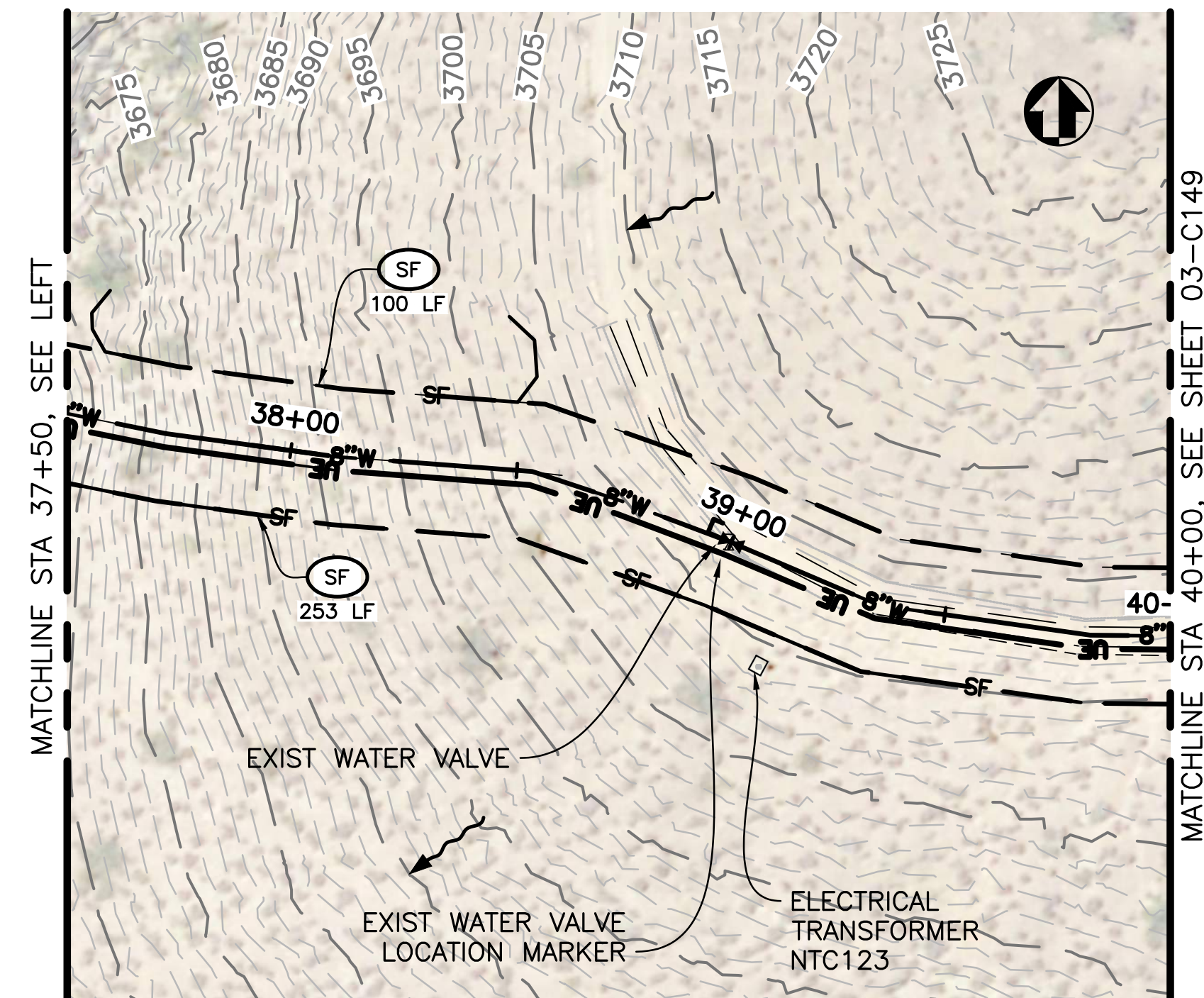
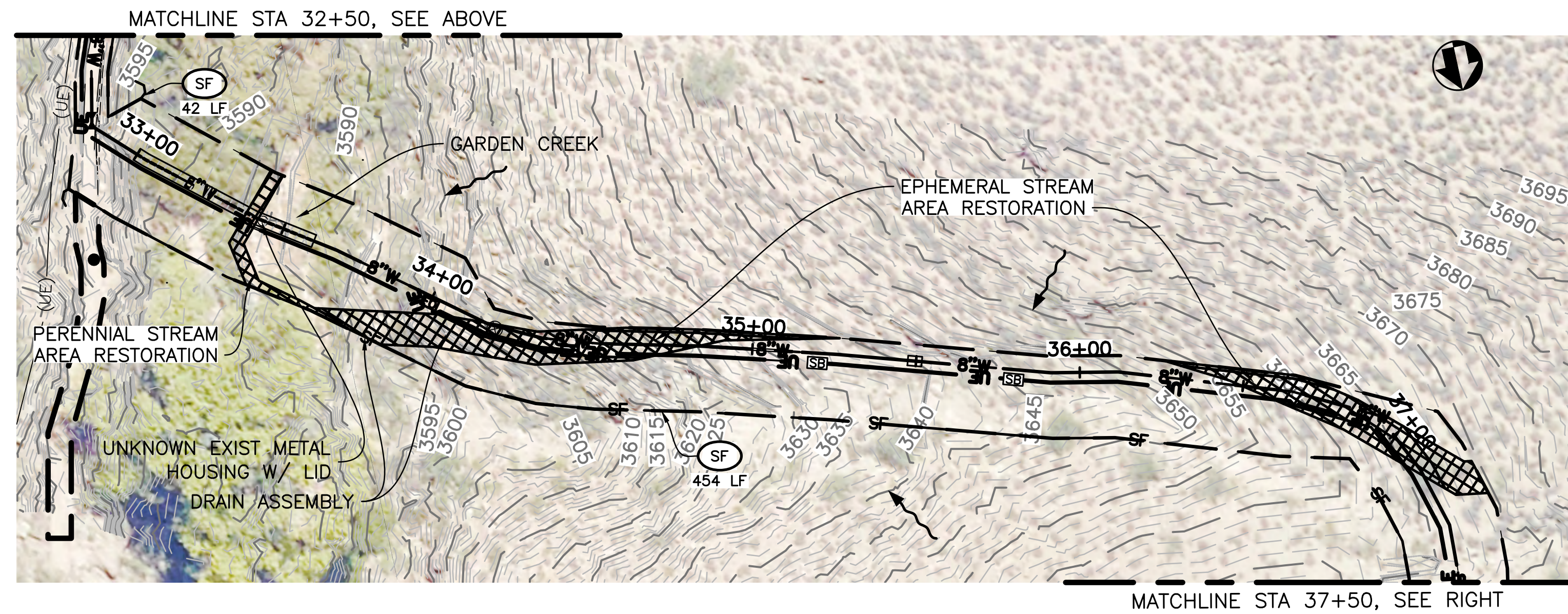
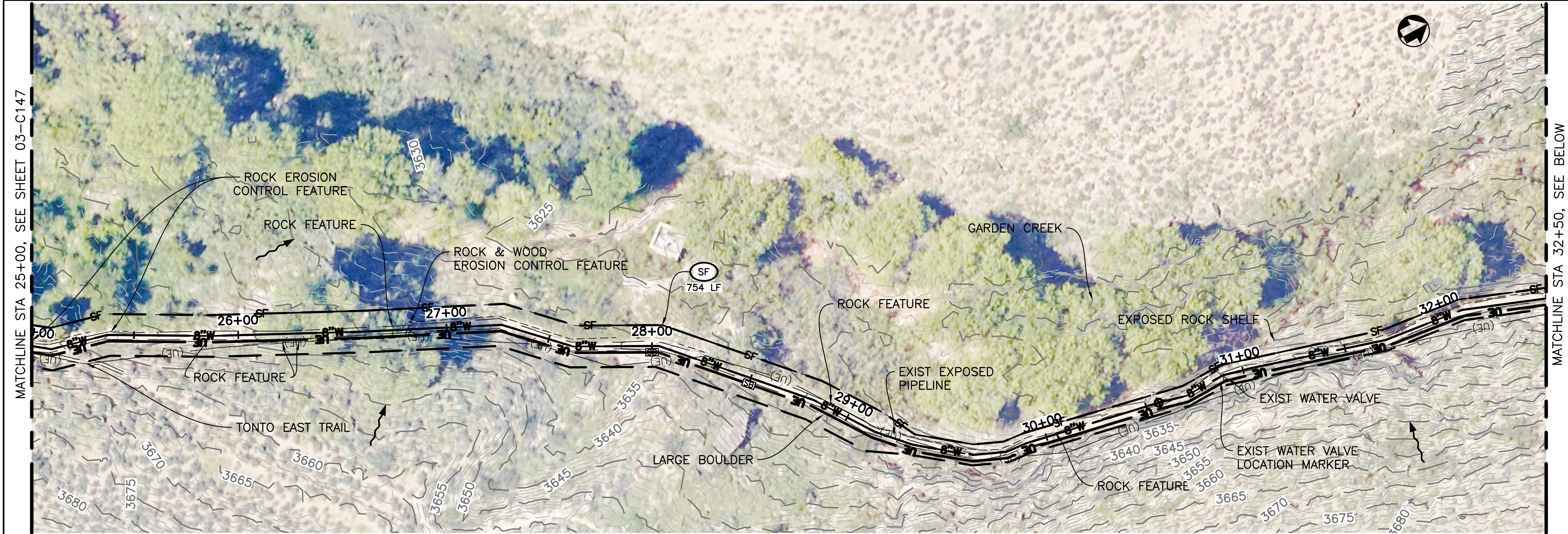
LEGEND

SILT FENCE ———— SF ———— (SF) 1 00-C507

RIPARIAN SEEDMIX [Cross-hatched pattern]



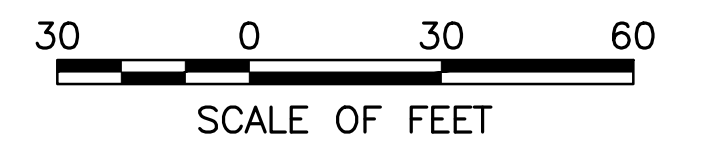
DESIGNED: N. HUMPHREY CADD C. WITTENMEIER TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 03-C147	TITLE OF SHEET 8" TCWL REPLACEMENT AND 3-PHASE POWER, EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566 PMIS/PKG NO. 190083 SHEET 456 OF 737
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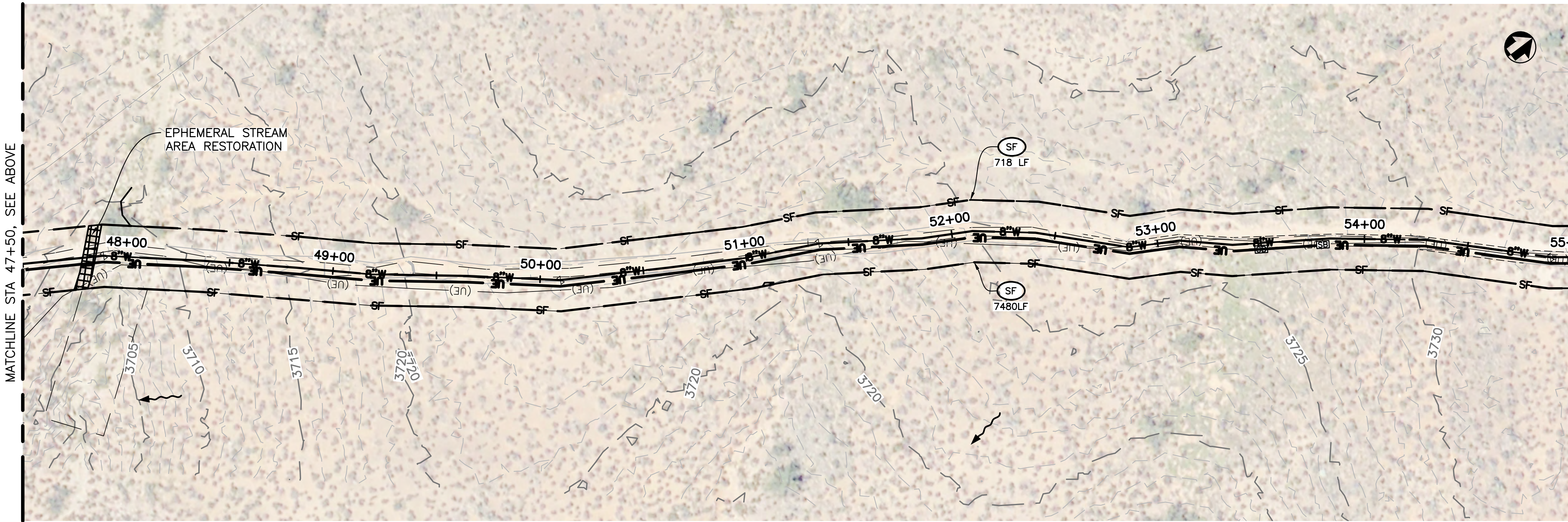
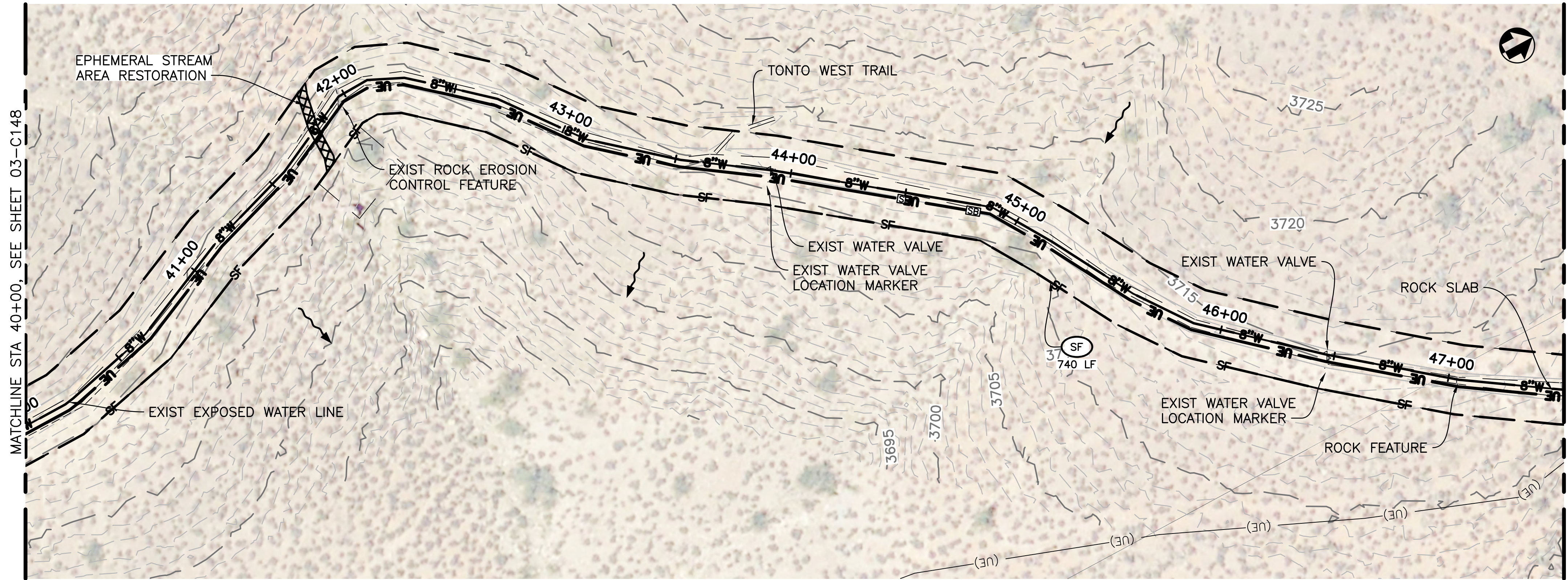
LEGEND

SILT FENCE ——— SF ——— (SF) 1 00-C507

RIPARIAN SEEDMIX [Hatched Box]



DESIGNED: N. HUMPHREY CADD C. WITTENMEIER TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 03-C148	TITLE OF SHEET 8" TCWL REPLACEMENT AND 3-PHASE POWER, EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566 PMIS/PKG NO. 190083 SHEET 457 OF 737
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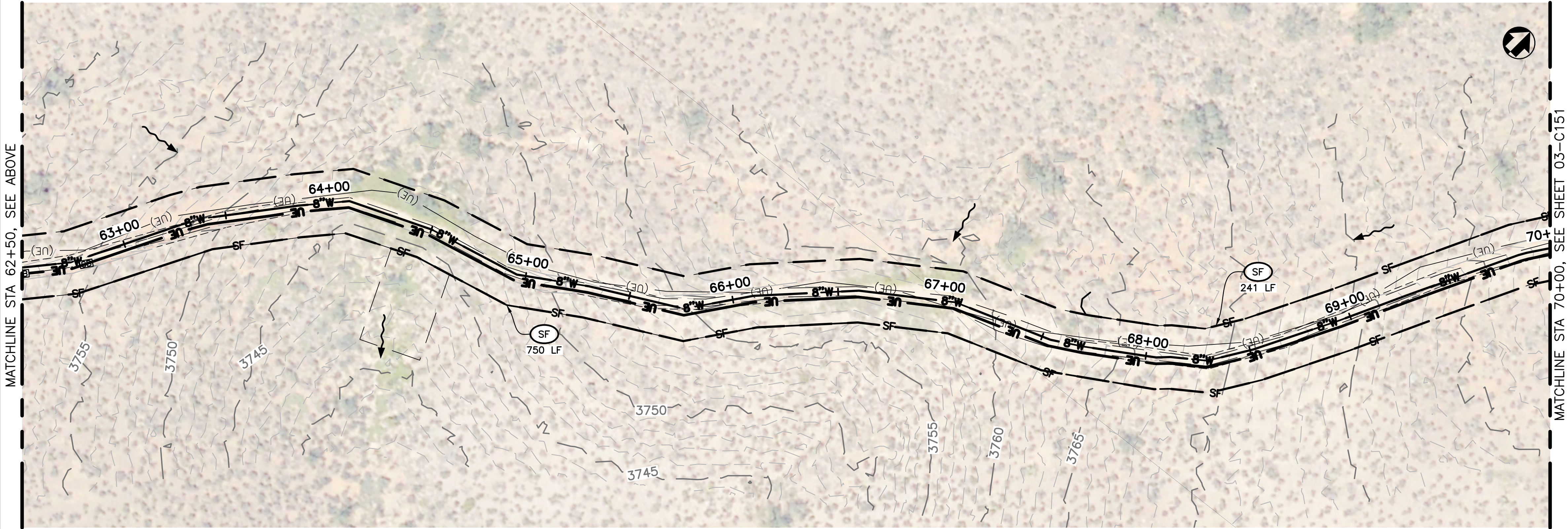
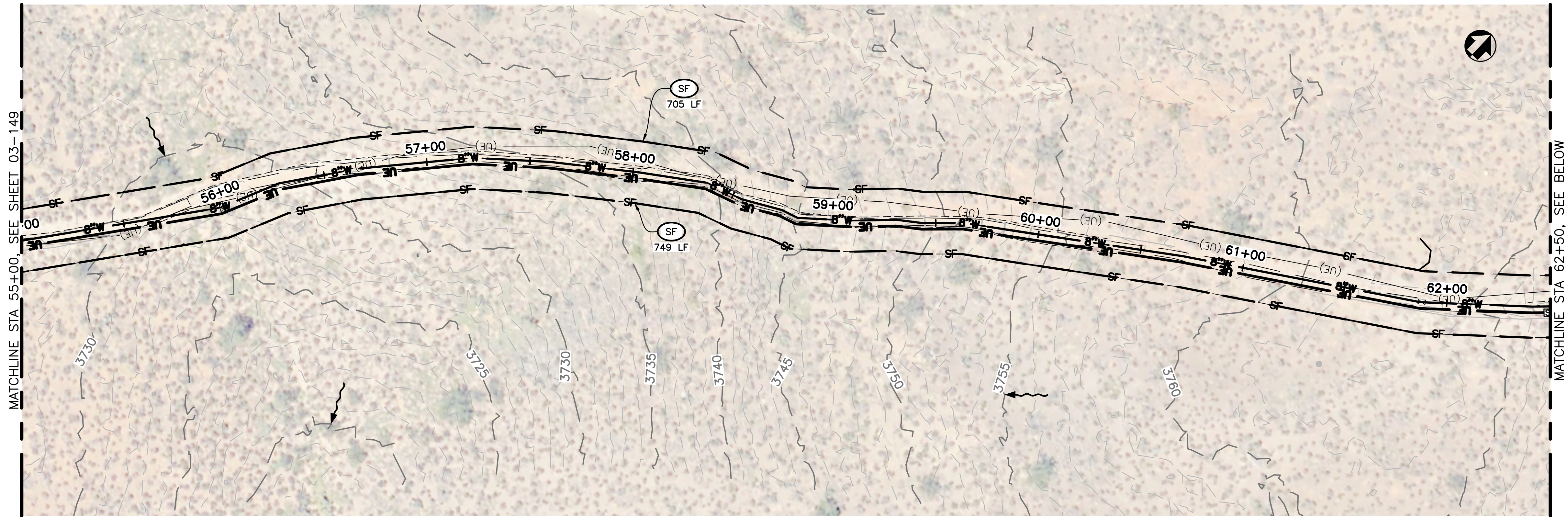
LEGEND

SILT FENCE ———— SF ———— (SF) 1 00-C507

RIPARIAN SEEDMIX [XXXXXX]



DESIGNED: N. HUMPHREY CADD C. WITTENMEIER TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 03-C149	TITLE OF SHEET 8" TCWL REPLACEMENT AND 3-PHASE POWER, EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566 PMIS/PKG NO. 190083 SHEET 458 OF 737
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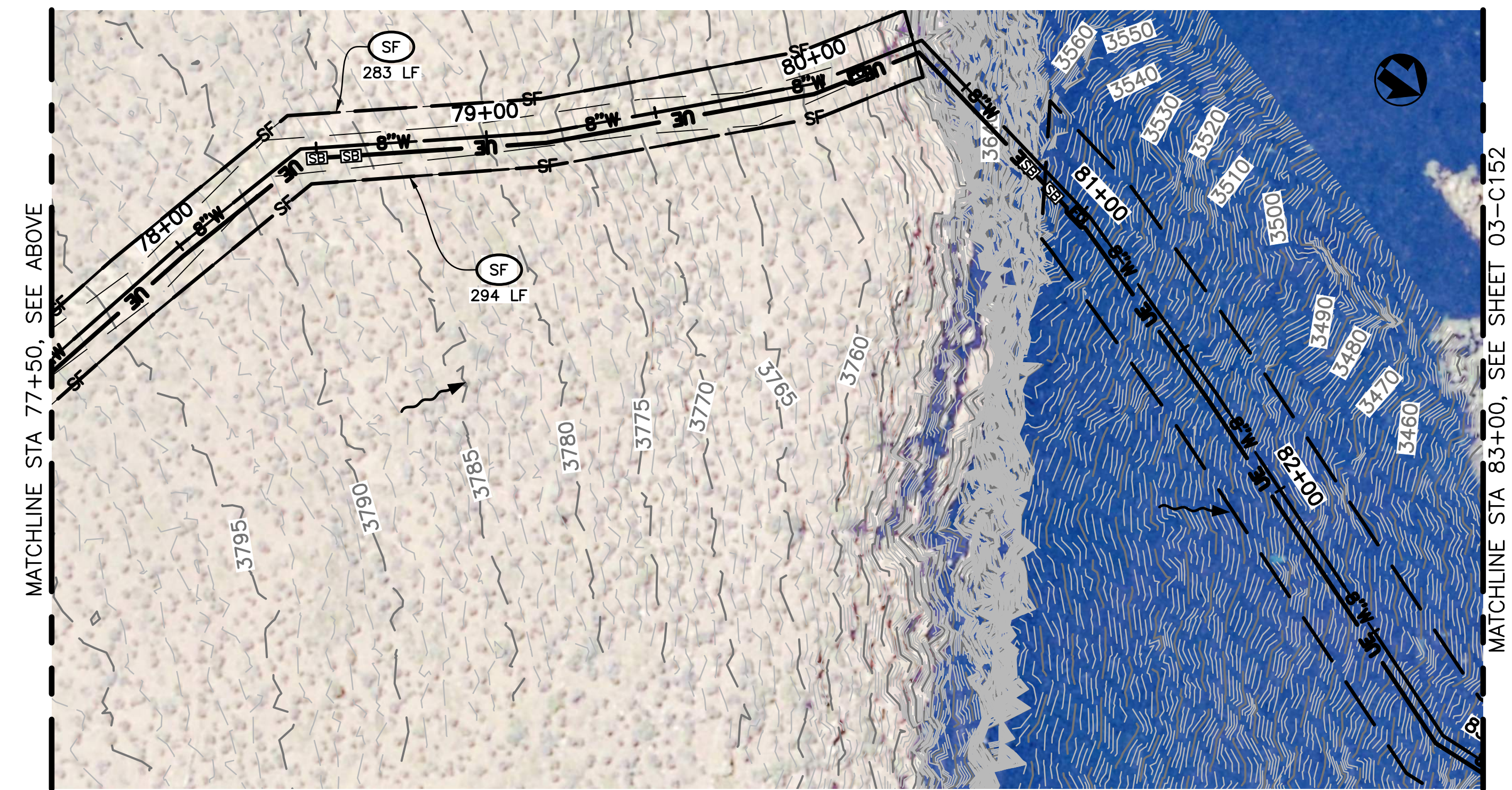
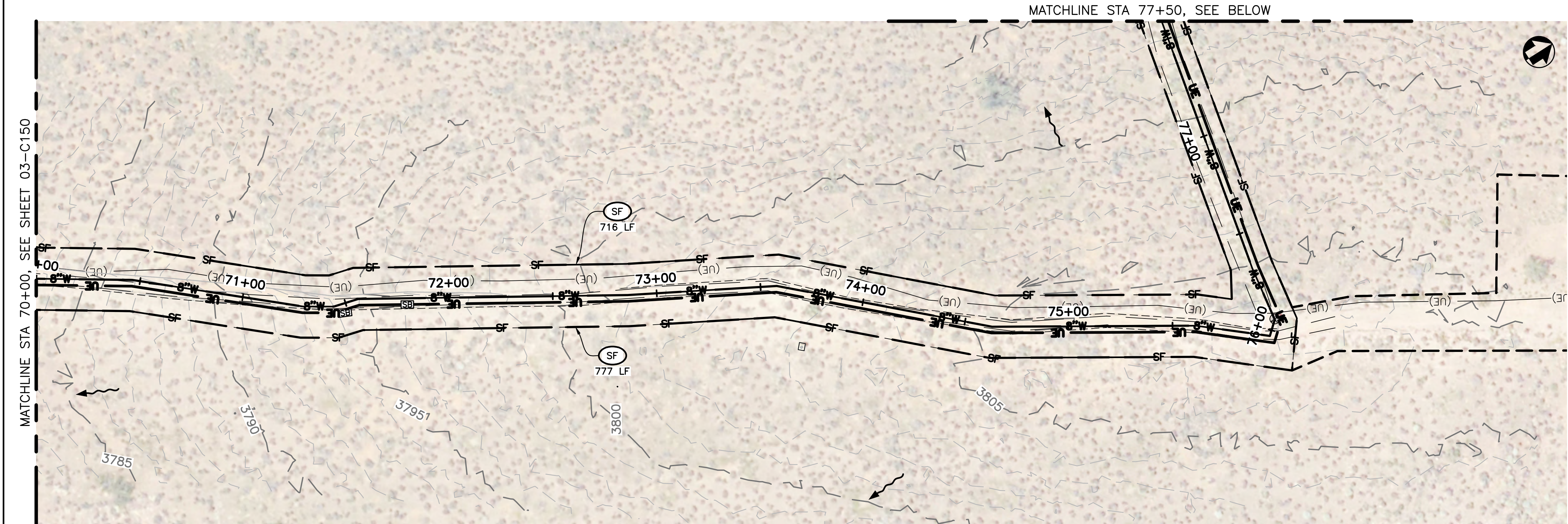


LEGEND

SILT FENCE ——— SF ——— (SF) 1 00-C507



DESIGNED: N. HUMPHREY C. WITTENMEIER TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 03- C150	TITLE OF SHEET 8" TCWL REPLACEMENT AND 3-PHASE POWER, EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566 PMIS/PKG NO. 190083 SHEET 459 OF 737
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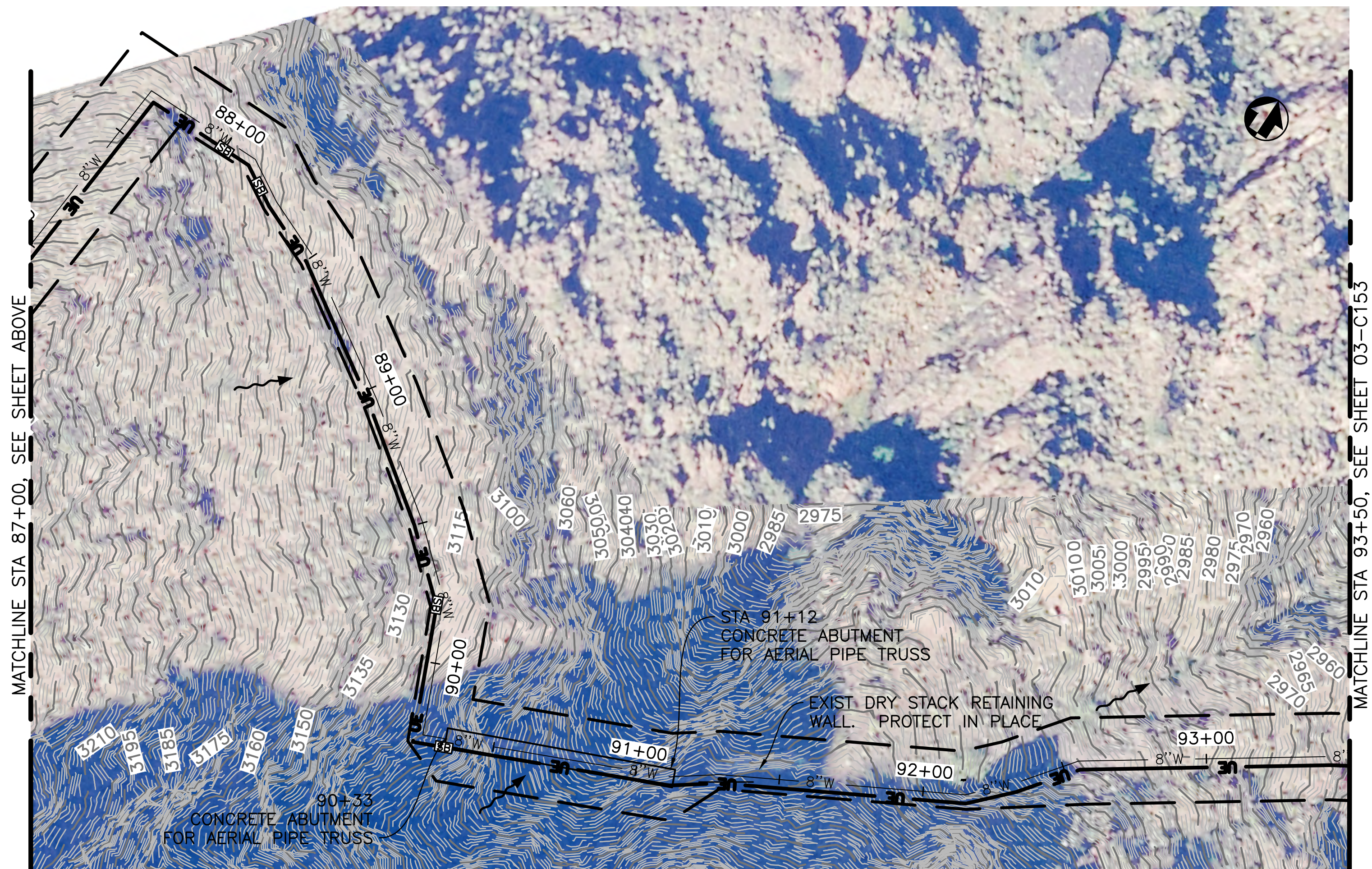
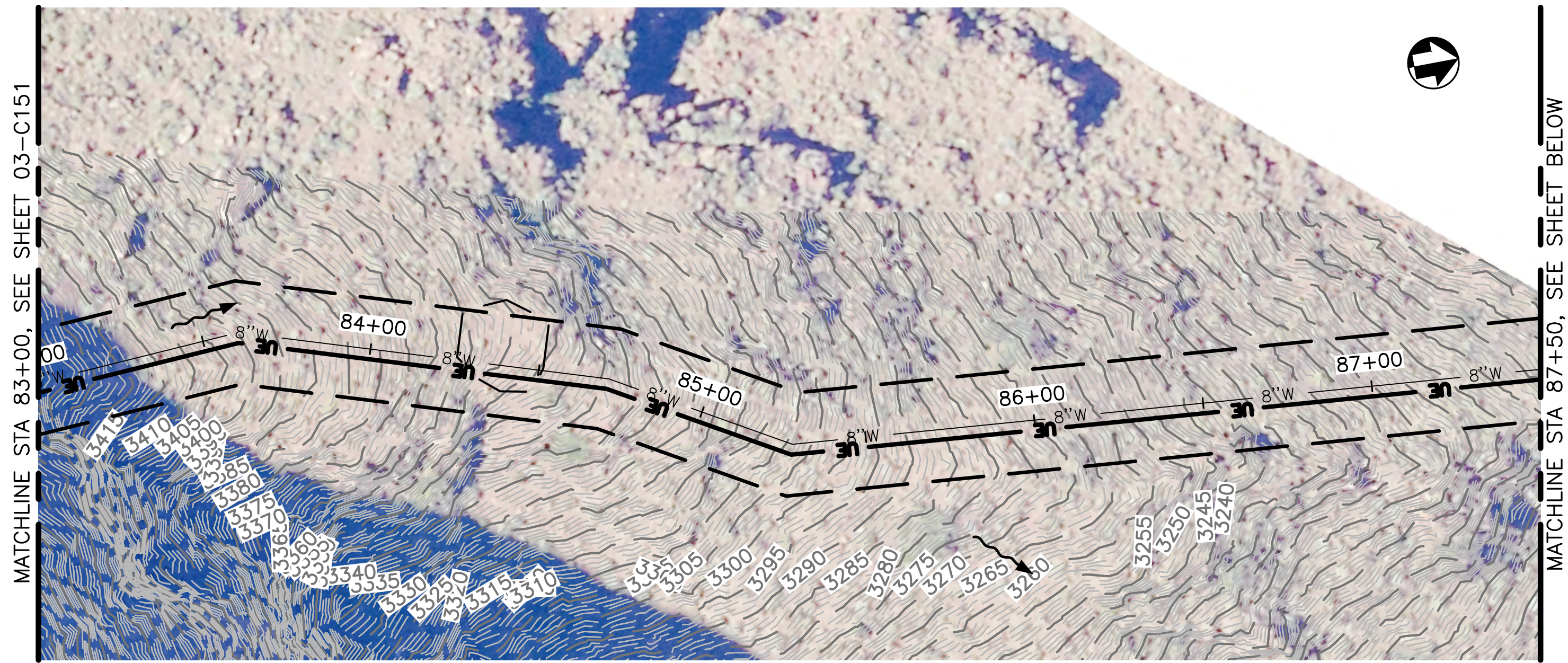


LEGEND

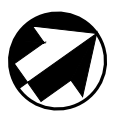
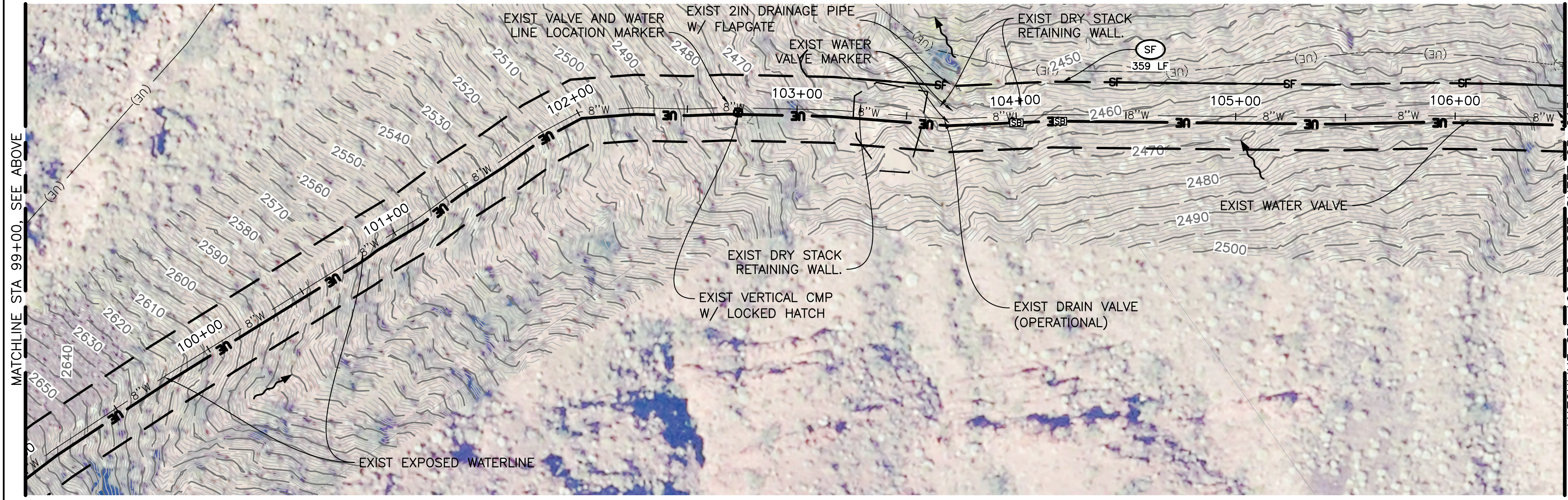
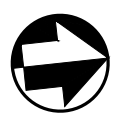
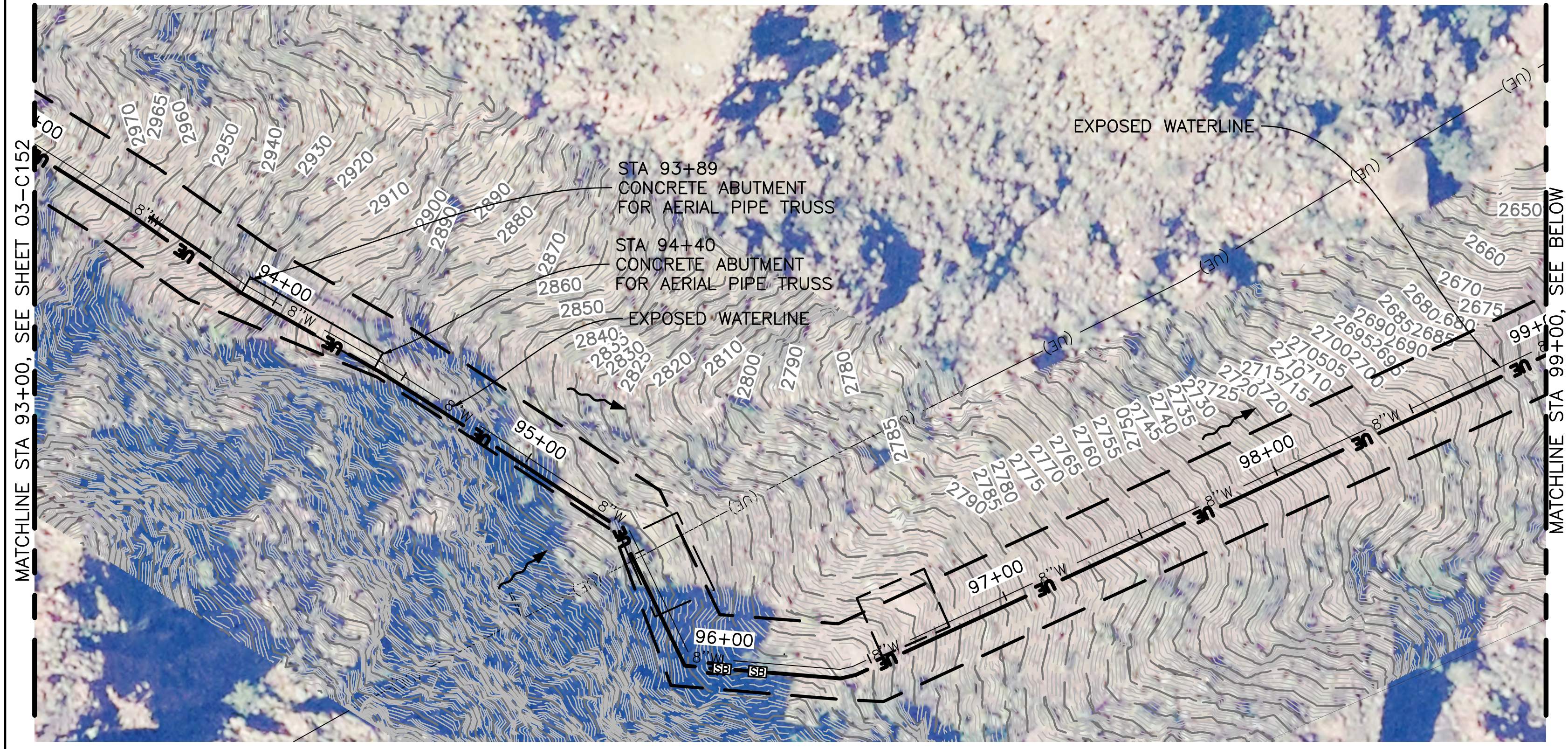
SILT FENCE ——— SF ——— (SF) 1 00-C507



DESIGNED: N. HUMPHREY C. WITTENMEIER TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 03-C151	TITLE OF SHEET 8" TCWL REPLACEMENT AND 3-PHASE POWER, EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566 PMIS/PKG NO. 190083 SHEET 460 OF 737
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DESIGNED: N. HUMPHREY CADD C. WITTENMEIER TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 03-C152	TITLE OF SHEET 8" TCWL REPLACEMENT AND 3-PHASE POWER, EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566 PMS/PKG NO. 190083 SHEET 461 OF 737
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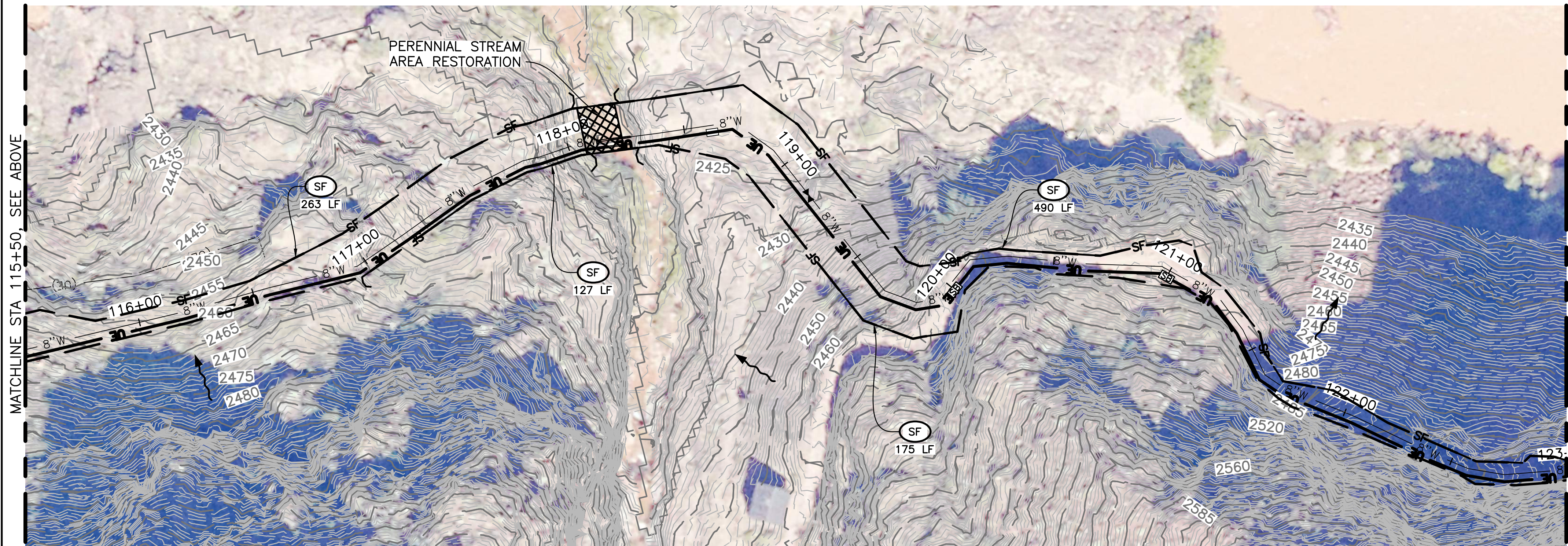
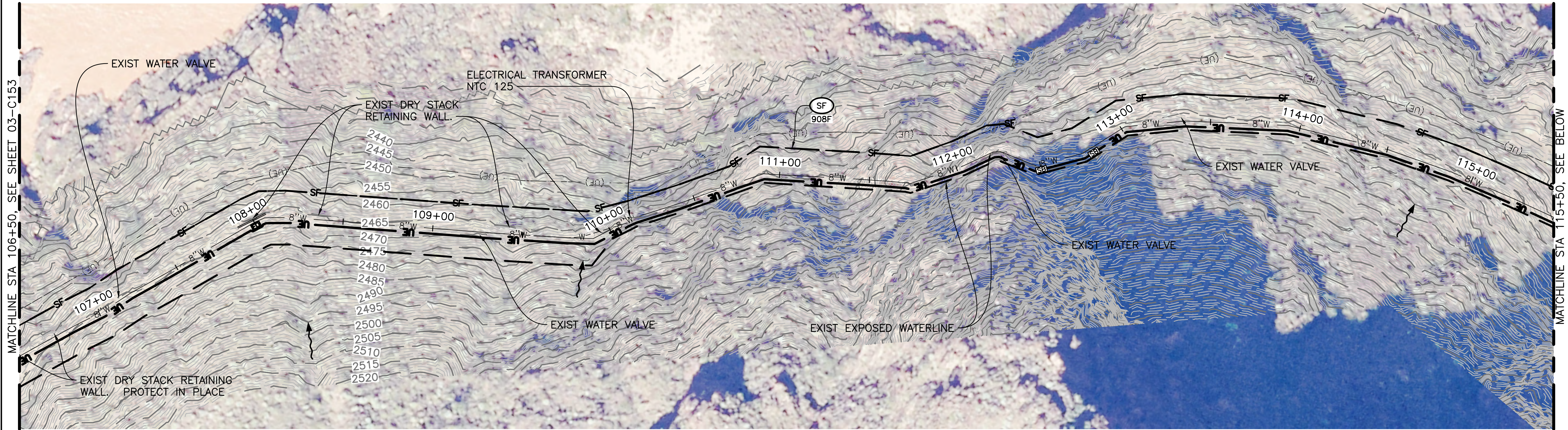


LEGEND

SILT FENCE ——— SF ——— (SF) 1 00-C507



DESIGNED: N. HUMPHREY CADD C. WITTENMEIER TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 03-C153	TITLE OF SHEET 8" TCWL REPLACEMENT AND 3-PHASE POWER, EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566 PMIS/PKG NO. 190083 SHEET 462 OF 737
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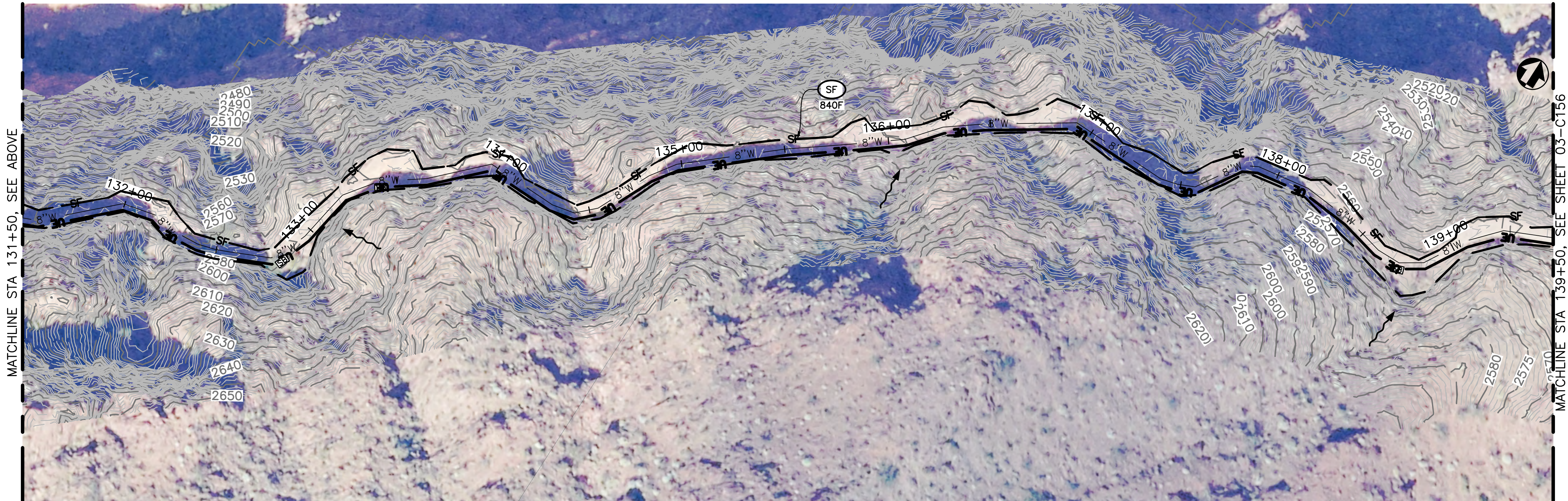
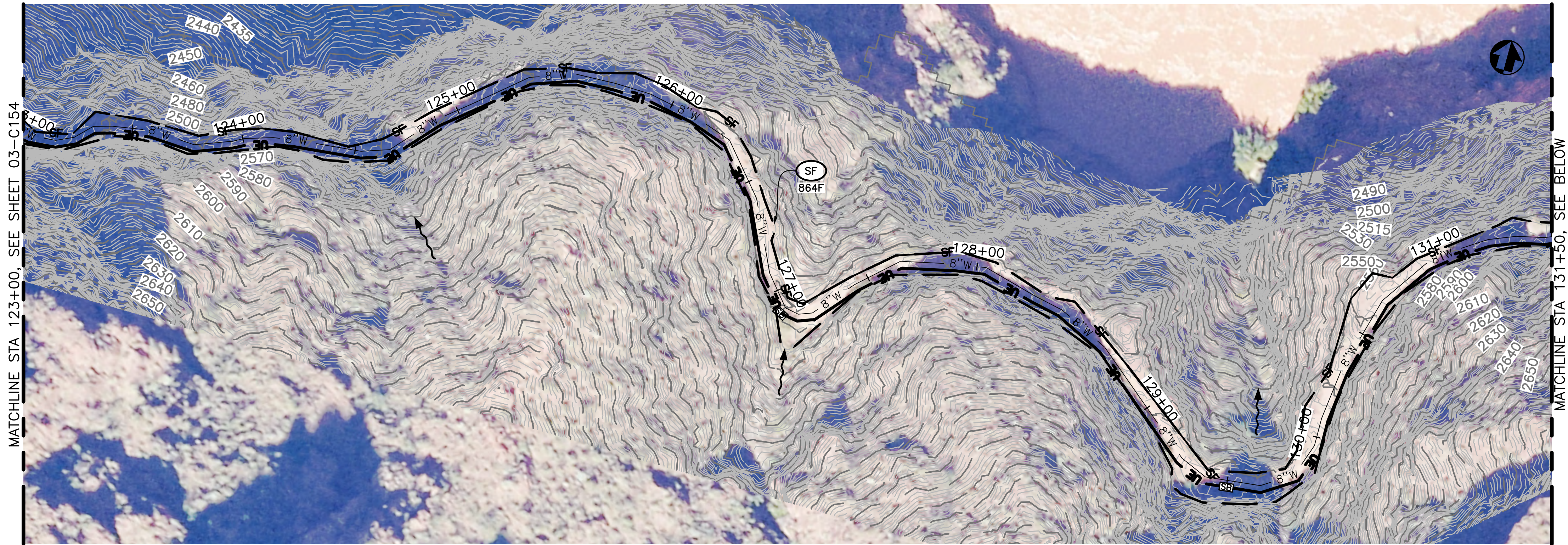
LEGEND

SILT FENCE ——— SF ——— (SF) 1 00-C507

RIPARIAN SEEDMIX [Cross-hatched pattern]



DESIGNED: N. HUMPHREY CADD C. WITTENMEIER TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 03-C154	TITLE OF SHEET 8" TCWL REPLACEMENT AND 3-PHASE POWER, EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566 PMIS/PKG NO. 190083 SHEET 463 OF 737
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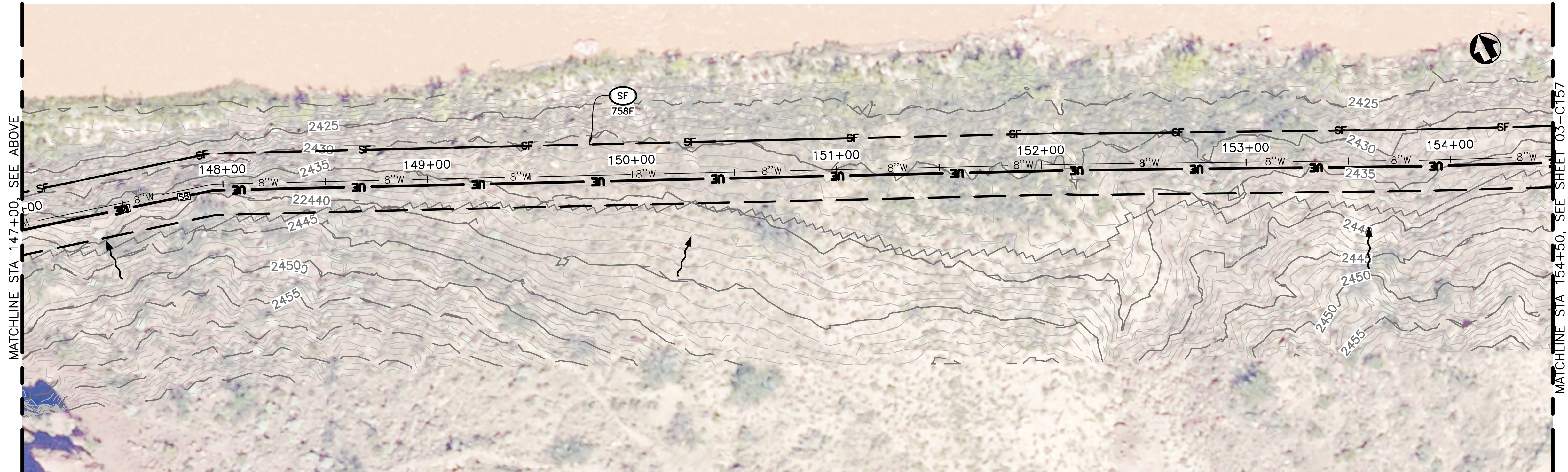
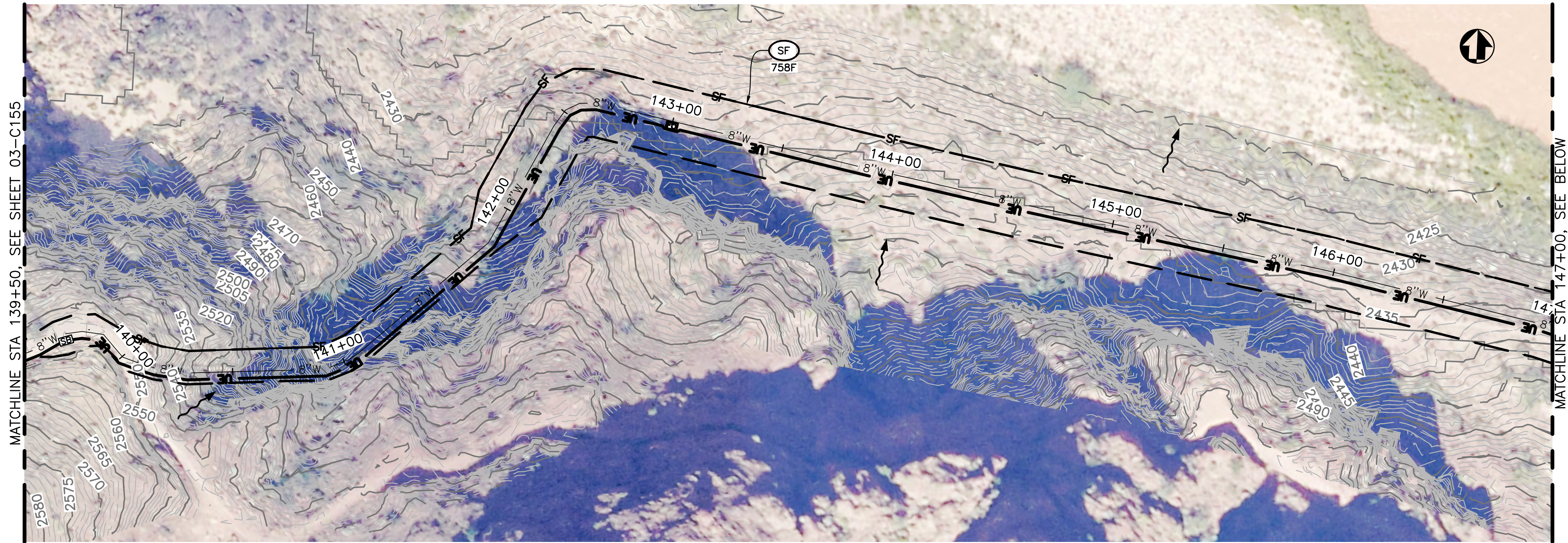


LEGEND

SILT FENCE ——— SF ——— (SF) 1 00-C507



DESIGNED: N. HUMPHREY C. WITTENMEIER TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 03-C155	TITLE OF SHEET 8" TCWL REPLACEMENT AND 3-PHASE POWER, EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566 PMIS/PKG NO. 190083 SHEET 464 OF 737
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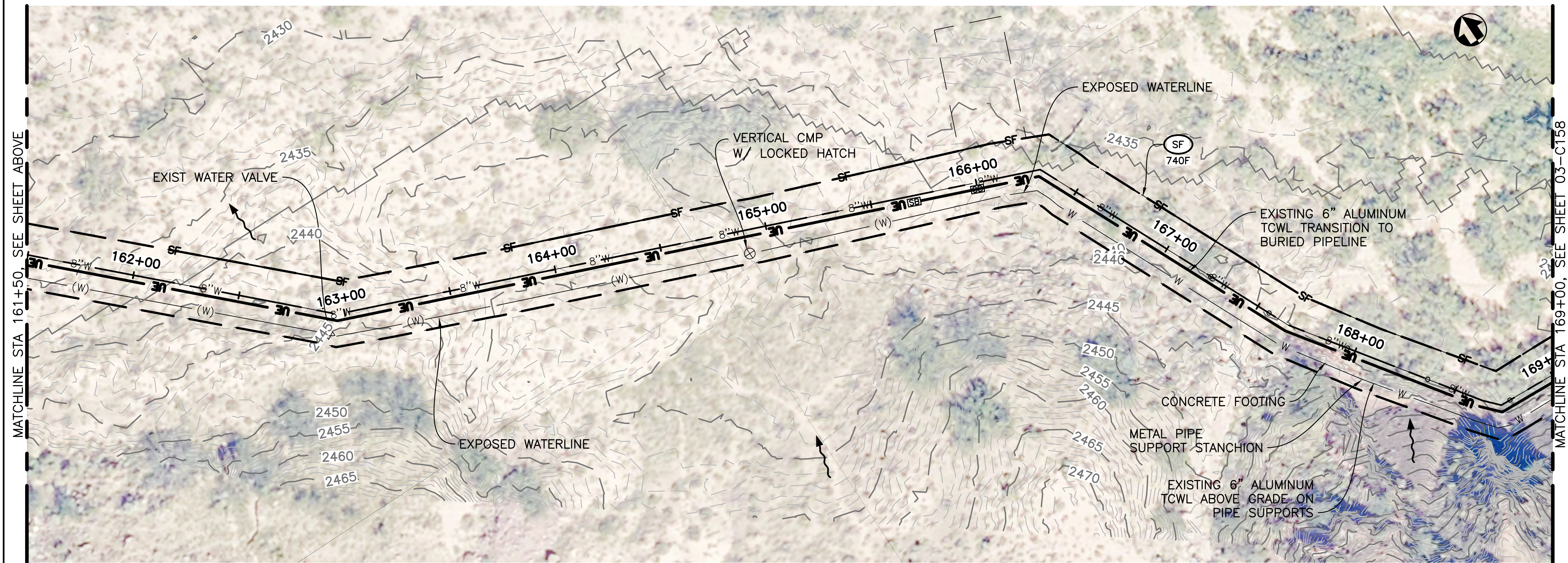
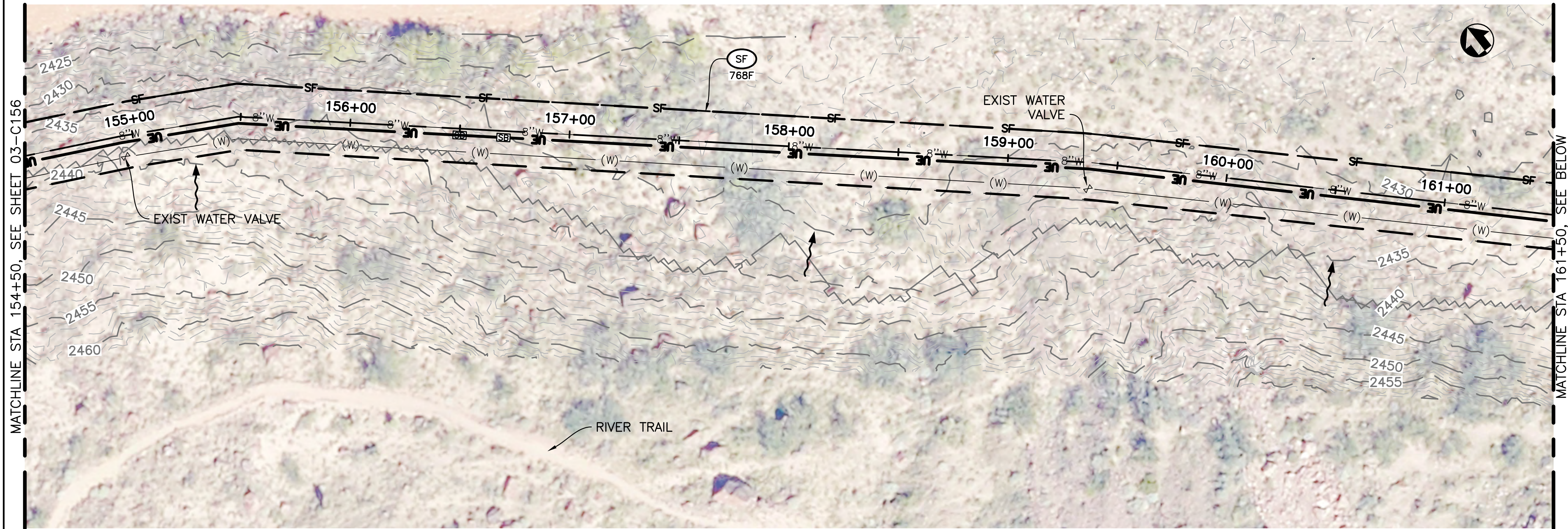


LEGEND

SILT FENCE ——— SF ——— (SF) 1 00-C507

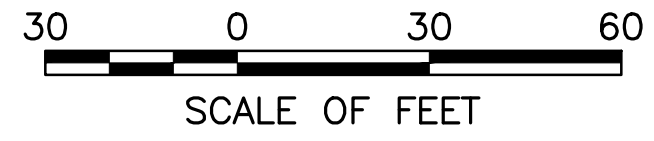


DESIGNED: N. HUMPHREY CADD C. WITTENMEIER TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 03- C156	TITLE OF SHEET 8" TCWL REPLACEMENT AND 3-PHASE POWER, EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566 PMIS/PKG NO. 190083 SHEET 465 OF 737
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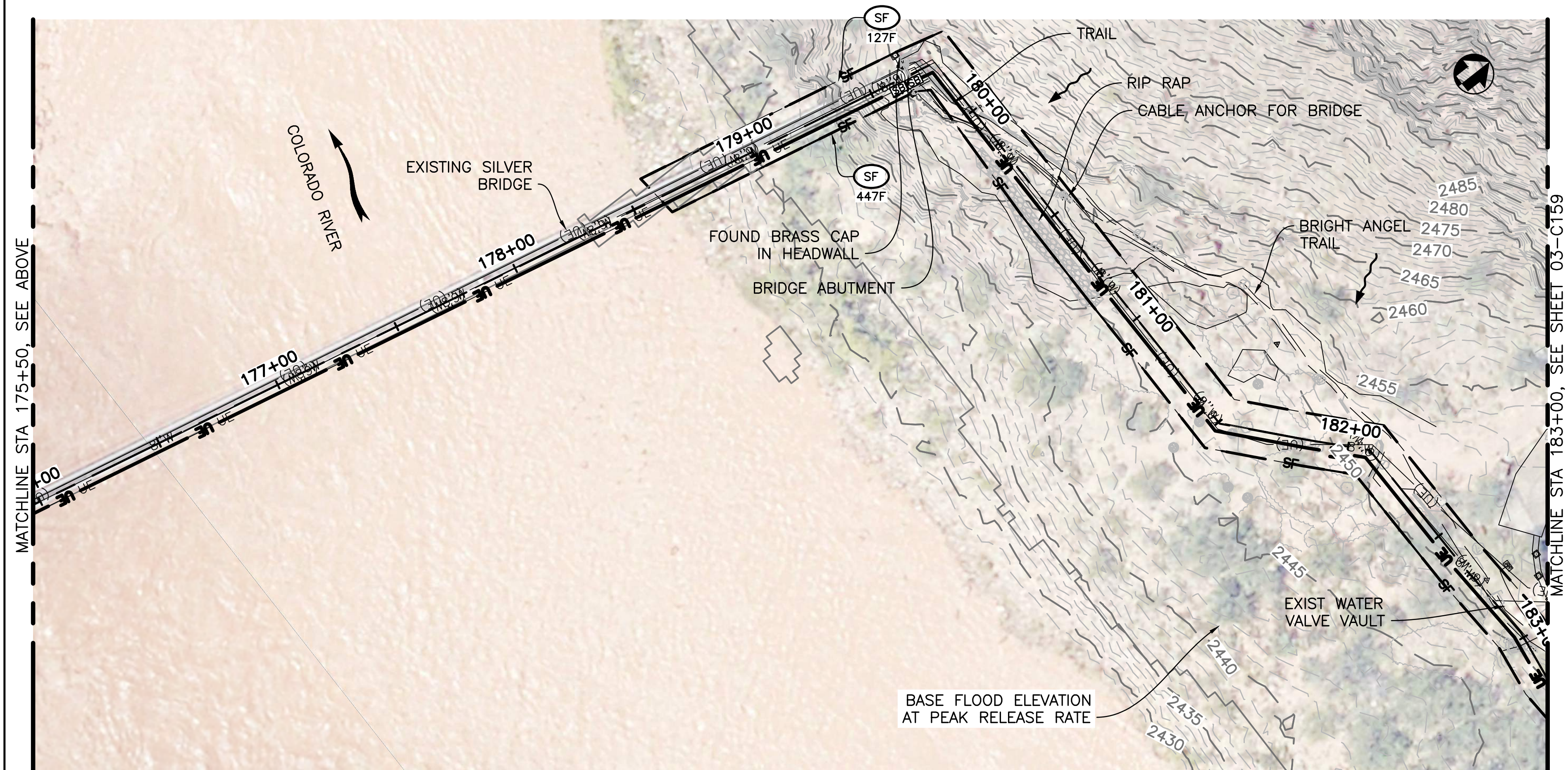
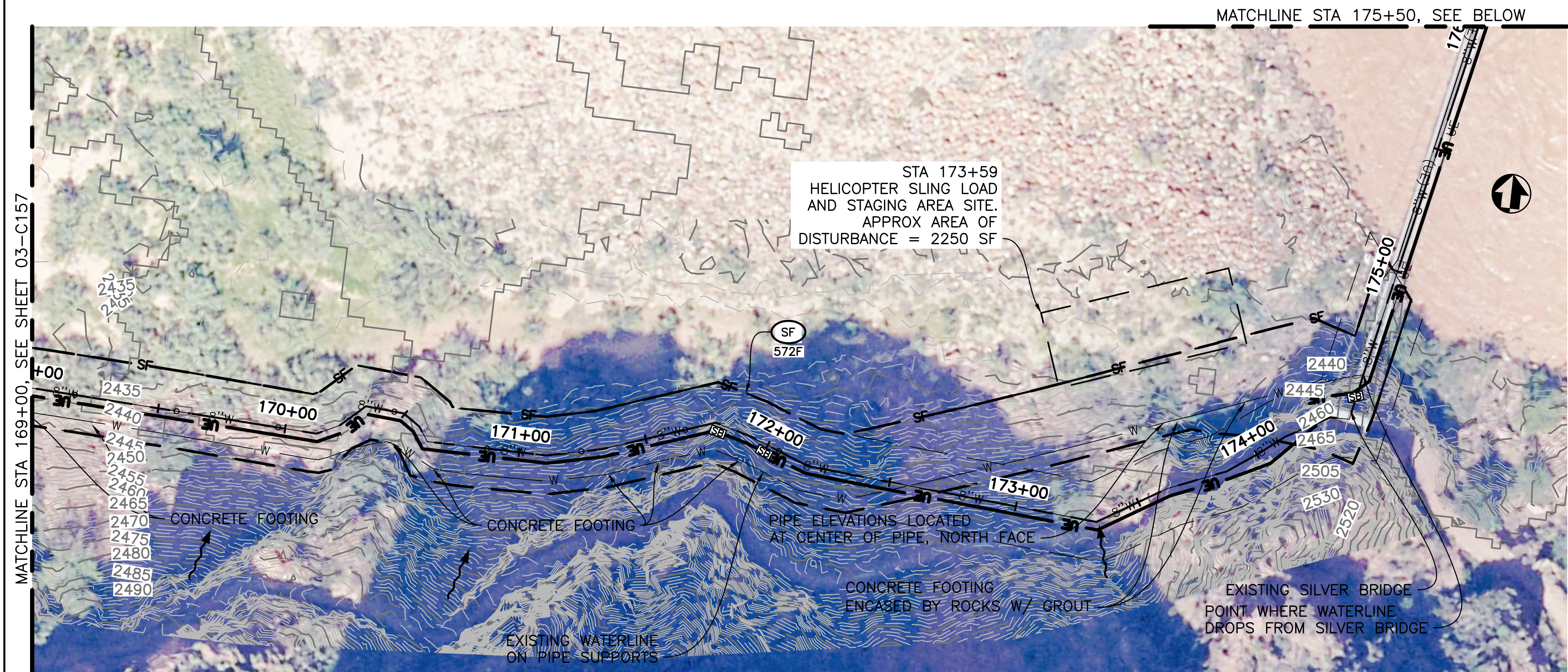


LEGEND

SILT FENCE ———— SF ———— (SF) ① 00-C503

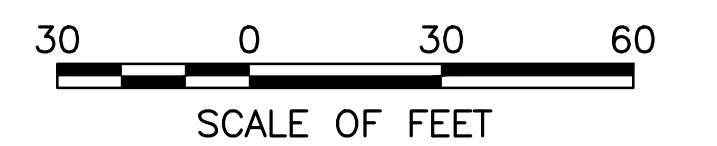


DESIGNED: N. HUMPHREY CADD C. WITTENMEIER TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 03- C157	TITLE OF SHEET 8" TCWL REPLACEMENT AND 3-PHASE POWER, EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566 PMS/PKG NO. 190083 SHEET 466 of 737
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LEGEND

SILT FENCE — — — — — SF — — — — — (SF) 1 00-C503



DESIGNED: N. HUMPHREY CADD C. WITTENMEIER TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 03-C158	TITLE OF SHEET 8" TCWL REPLACEMENT AND 3-PHASE POWER, EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566 PMIS/PKG NO. 190083 SHEET 467 OF 737
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LEGEND

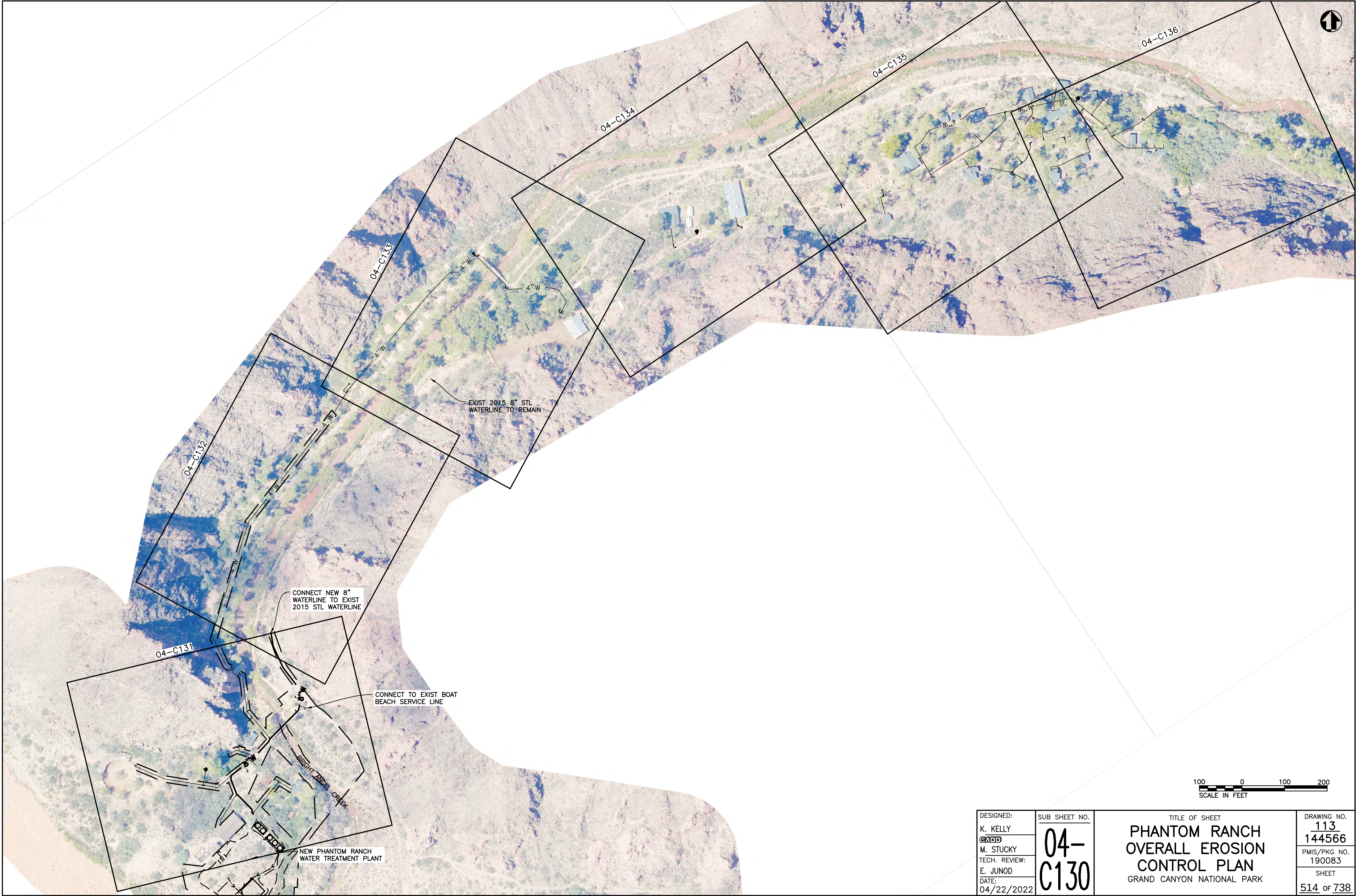
SILT FENCE ——— SF

SF

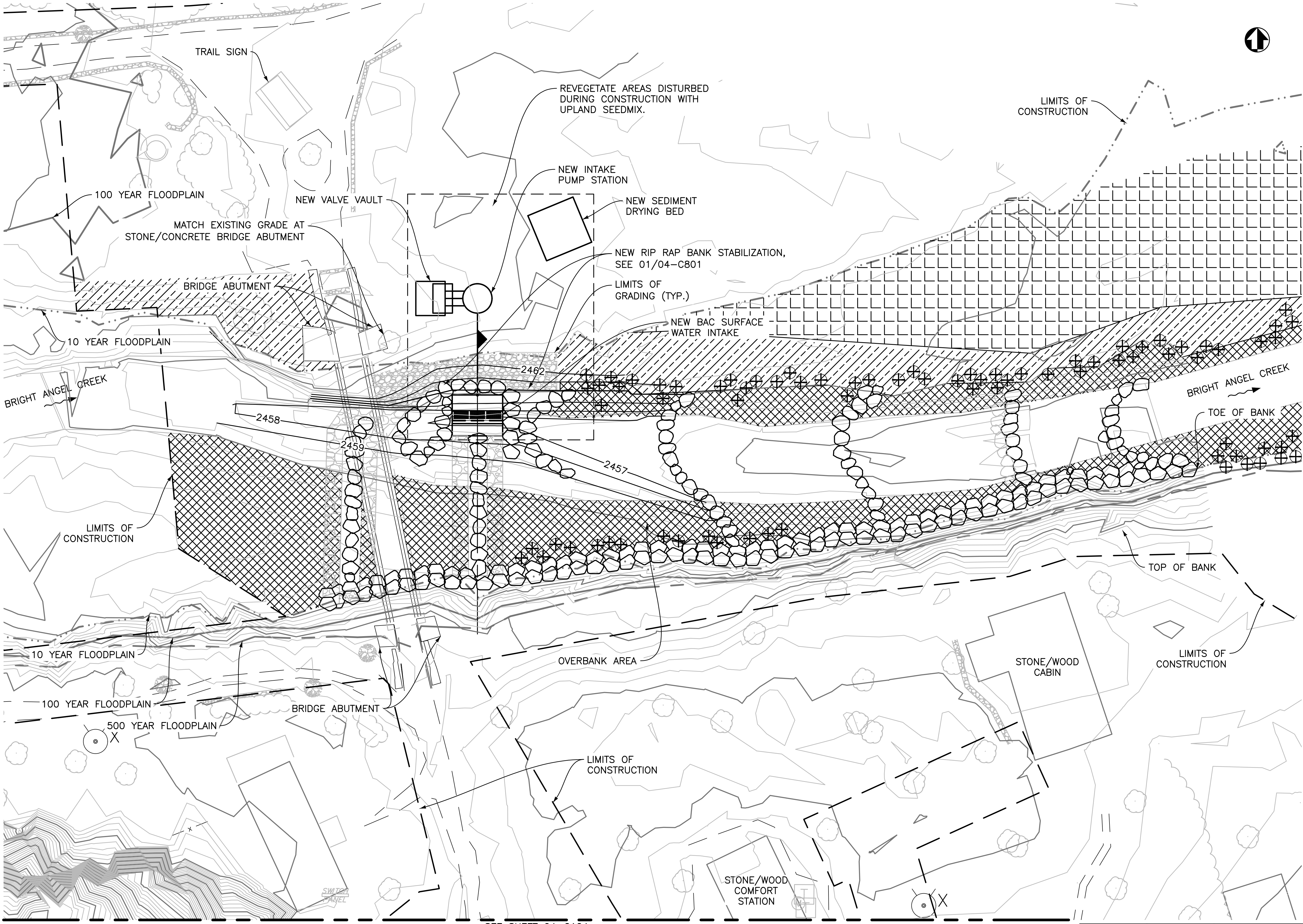
1
00-C503



DESIGNED: N. HUMPHREY CADD C. WITTENMEIER TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 03-C159	TITLE OF SHEET 8" TCWL REPLACEMENT AND 3-PHASE POWER, EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566 PMIS/PKG NO. 190083 SHEET 468 of 737
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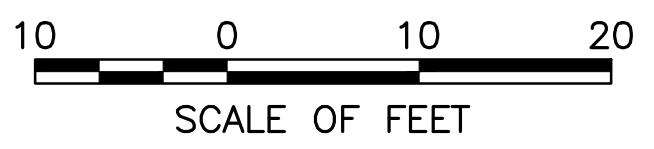
DESIGNED: K. KELLY	SUB SHEET NO. 04-C130	TITLE OF SHEET PHANTOM RANCH OVERALL EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566
TECH. REVIEW: M. STUCKY			PMIS/PKG NO. 190083
DATE: 04/22/2022			SHEET 514 OF 738



- NOTES
1. STABILIZE ALL PLANTING AREAS WITH COIR FABRIC.
 2. TREES TO BE PLANTED 30"-50" ABOVE WATER'S EDGE

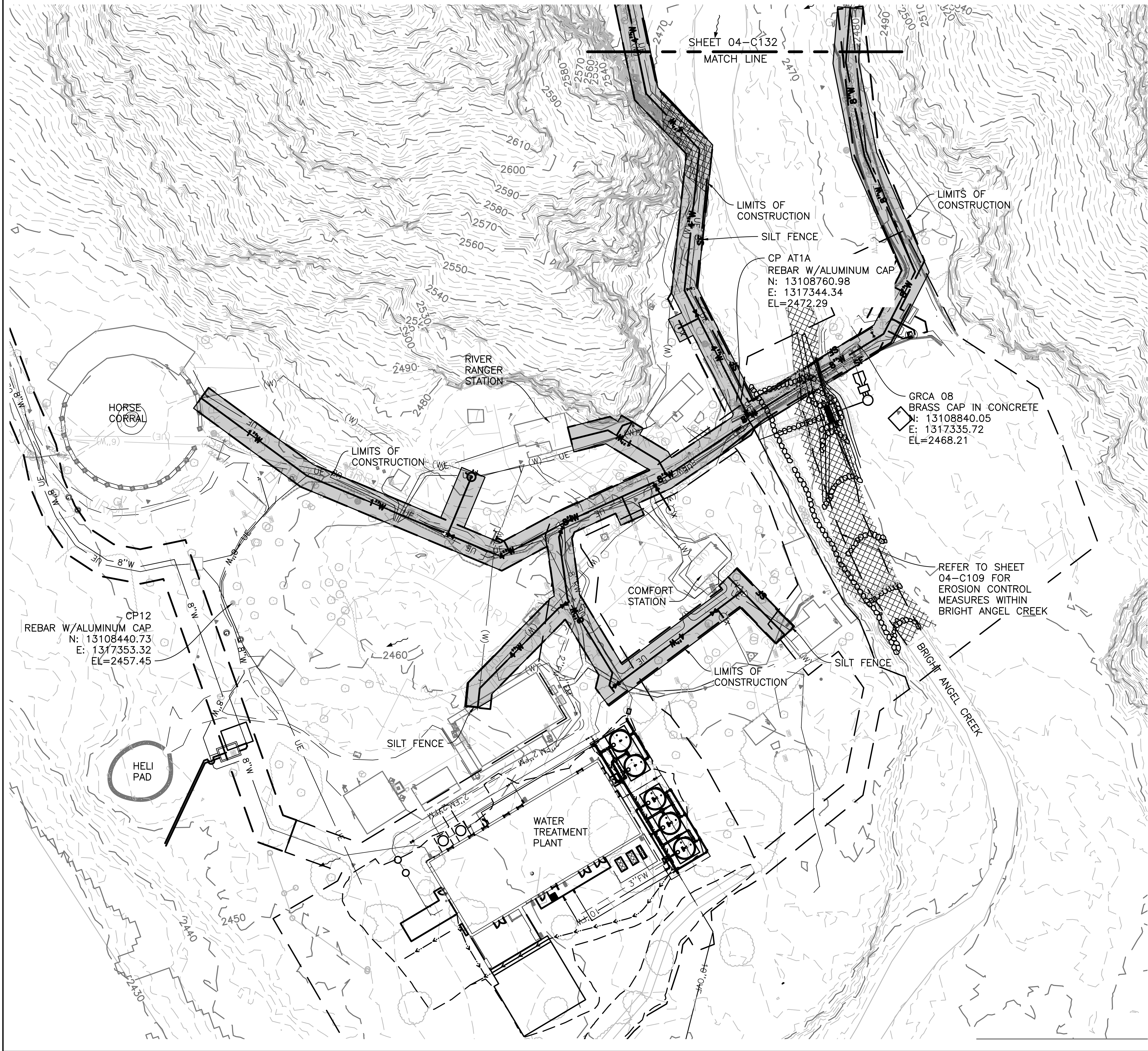
PLANT KEY	
SYMBOL*	BOTANICAL NAME
TREES	
	EXISTING TREE TO REMAIN
	SALIX EXIGUA
SEEDING	
	UPLAND SEEDMIX
	BENCH SEEDMIX
	RIPARIAN SEEDMIX

*SYMBOLS IN KEY MAY NOT BE SHOWN TO DRAWING SCALE, AND NOT ALL SYMBOLS ARE ON EVERY SHEET.



SEE SHEET 04-C104

DESIGNED: R. MOORE P. OXBORROW TECH. REVIEW: R. RHOADES DATE: 12/16/2021	SUB SHEET NO. 04- L102	TITLE OF SHEET BAC INTAKE SITE LANDSCAPING PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. _____ PMIS/PKG. NO. 190083 SHEET ____ OF ____
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KEY MAP

LEGEND:

- LIMITS OF CONSTRUCTION
- SILT FENCE
- DIRECTION OF FLOW
- RIPARIAN SEED MIX

GENERAL NOTES:

- A. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED IN FIELD BY CONTRACTOR.
- B. PROVIDE ROOT PRESERVATION AND TREE/PLANT PROTECTION.
- C. PROVIDE TEMPORARY WATER SERVICE DURING CONSTRUCTION SEE SPECIFICATIONS.
- D. CONTRACTOR TO PROTECT ALL TREES AND PERMANENT STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION.

30 0 30 60
SCALE OF FEET

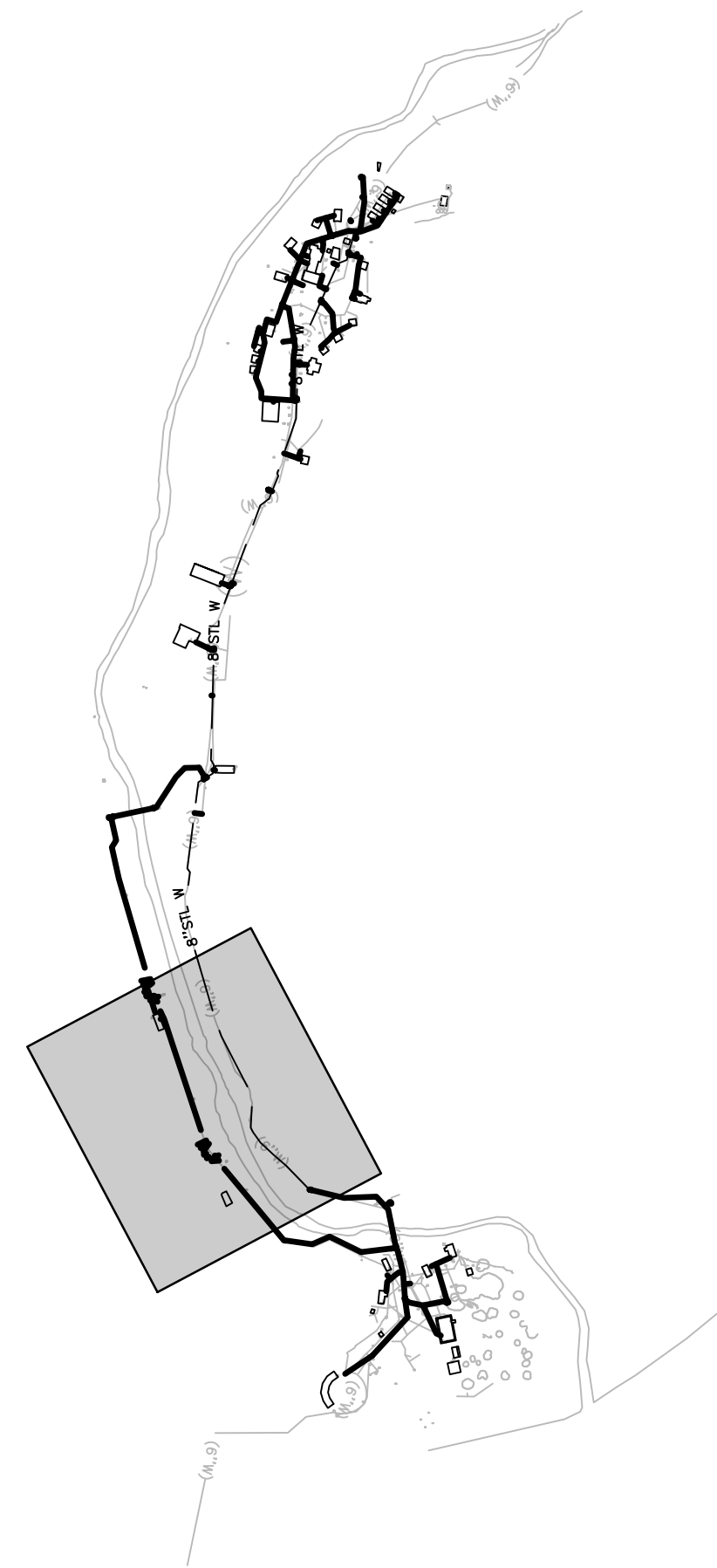
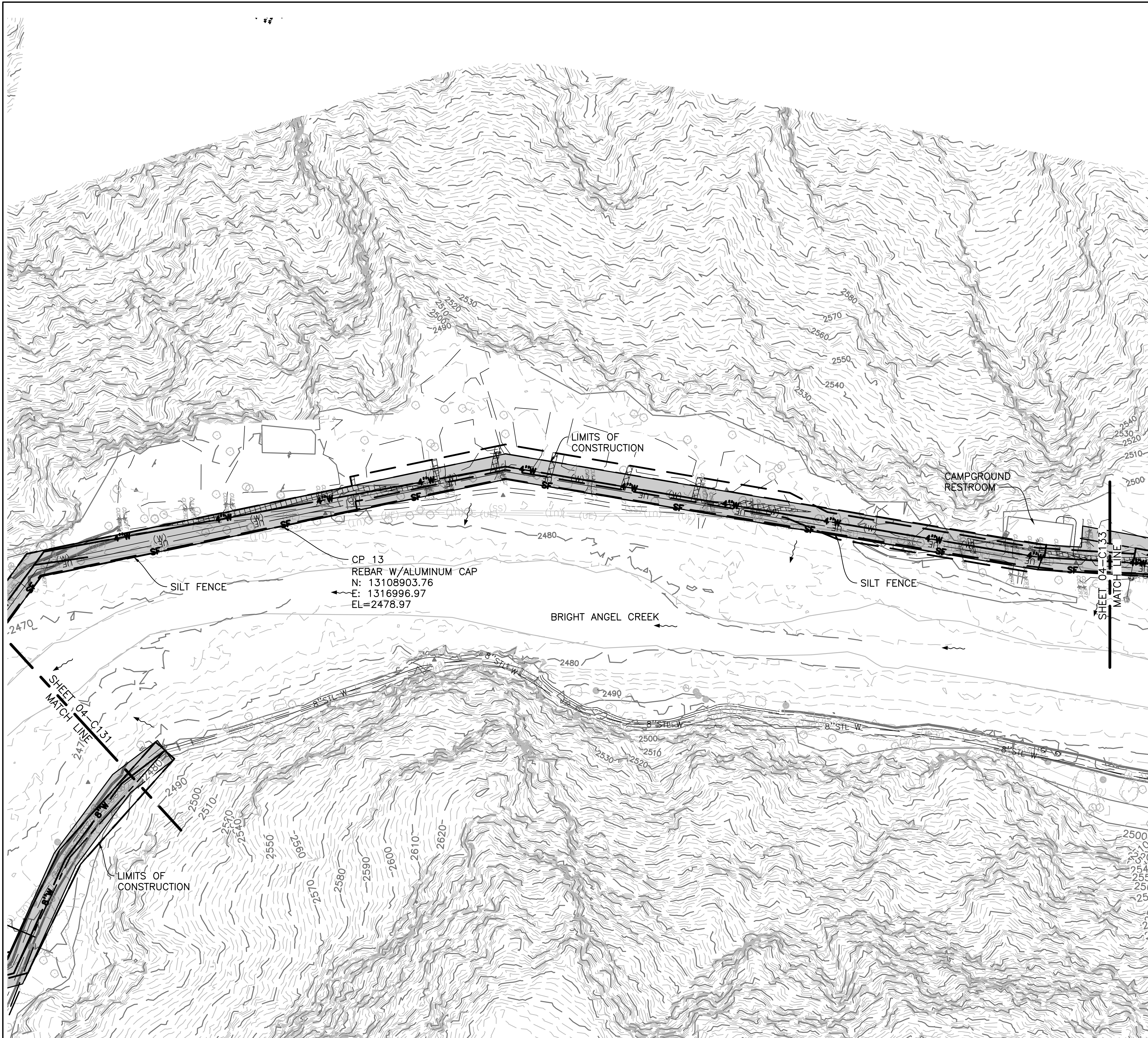


DESIGNED:
K. KELLY
CHECKED:
M. STUCKY
TECH. REVIEW:
E. JUNOD
DATE:
04/22/2022

SUB SHEET NO.
04-C131

TITLE OF SHEET
PHANTOM RANCH
WATER DISTRIBUTION
EROSION CONTROL PLAN
GRAND CANYON NATIONAL PARK

DRAWING NO.
113
144566
PMIS/PKG NO.
190083
SHEET
515 OF 738



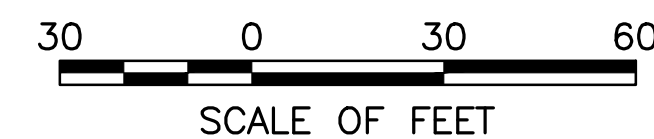
KEY MAP

LEGEND:

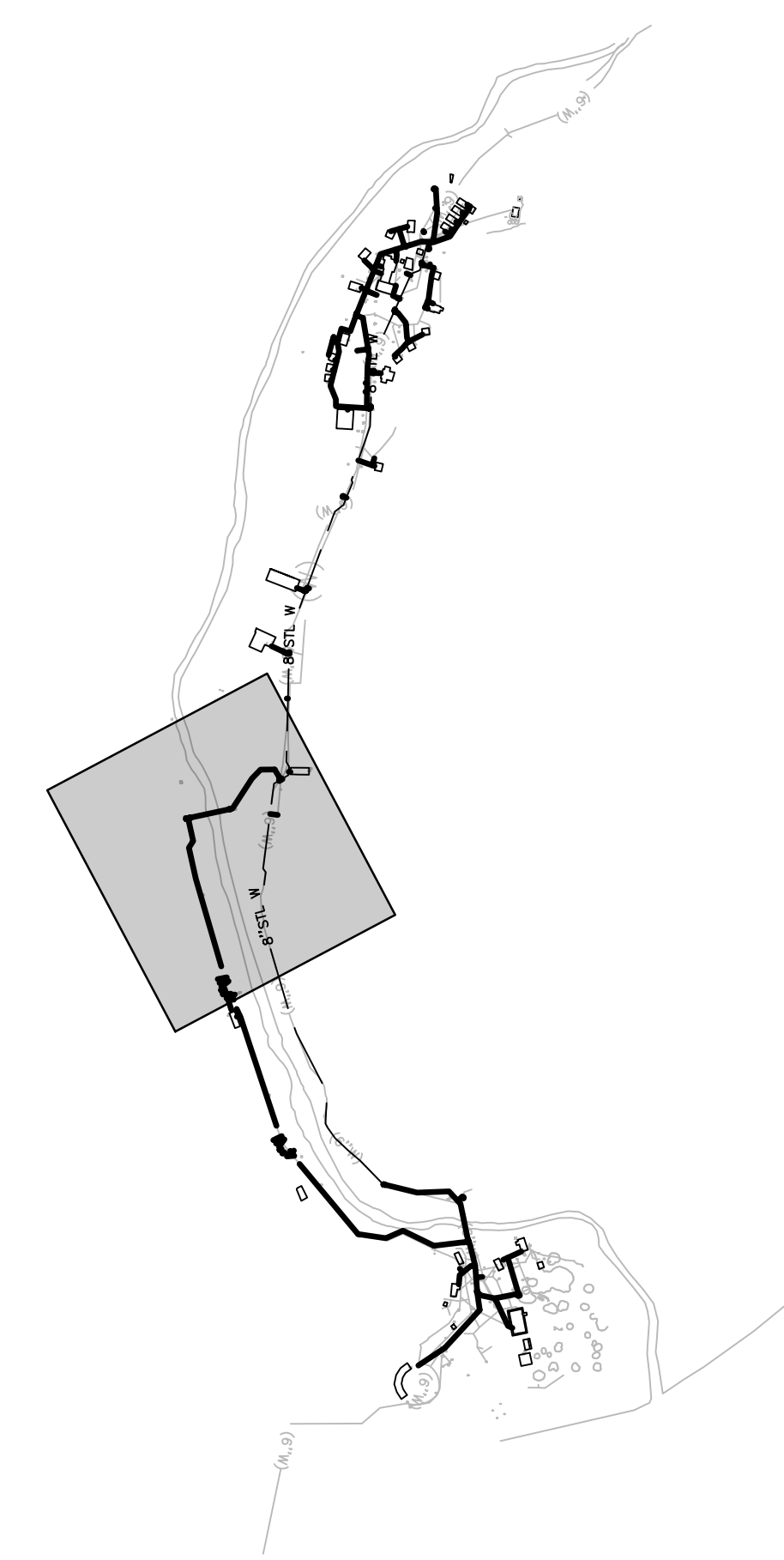
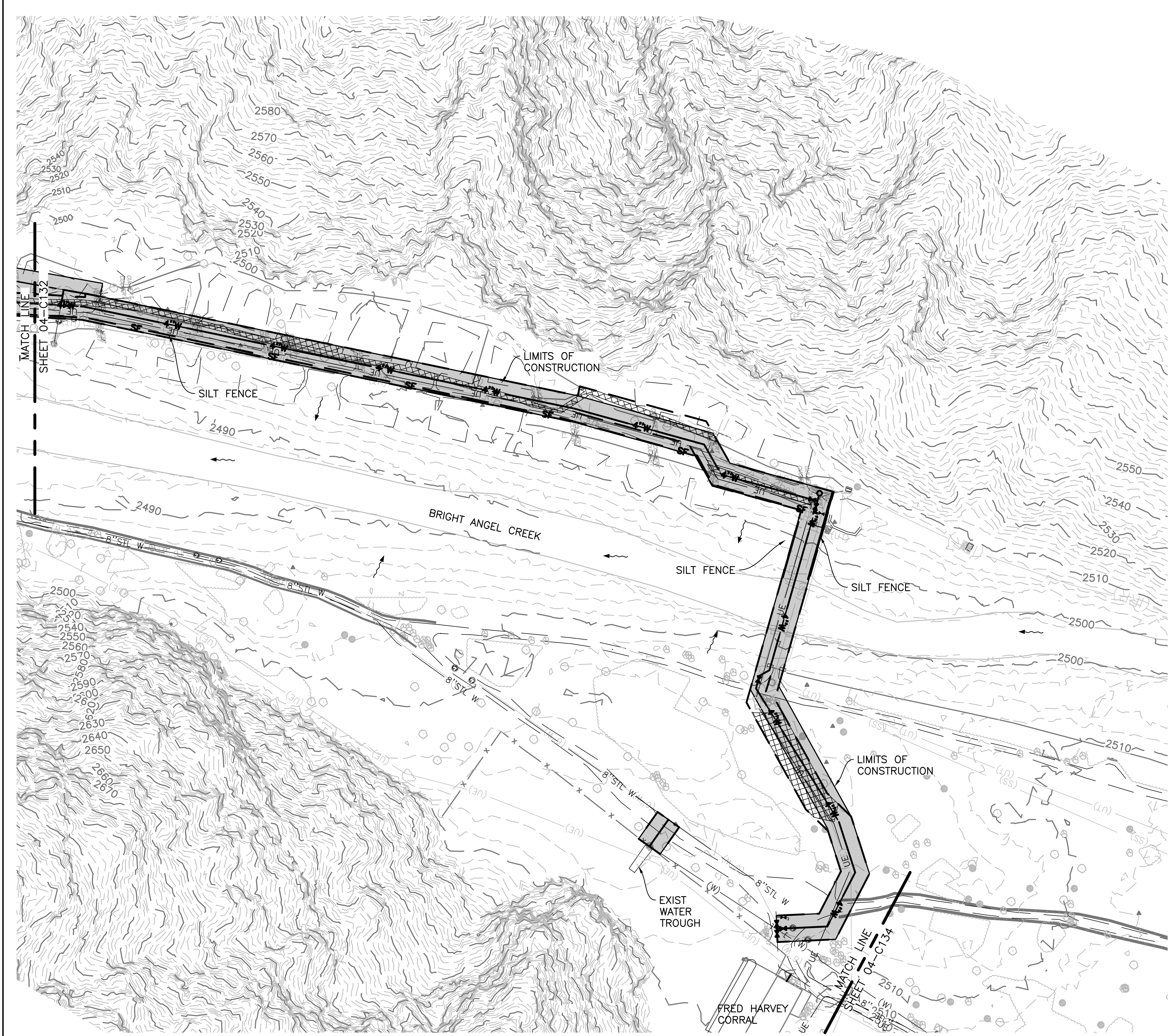
- LIMITS OF CONSTRUCTION
- SILT FENCE
- DIRECTION OF FLOW
- RIPARIAN SEED MIX

GENERAL NOTES:

- A. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED IN FIELD BY CONTRACTOR.
- B. PROVIDE ROOT PRESERVATION AND TREE/PLANT PROTECTION.
- C. PROVIDE TEMPORARY WATER SERVICE DURING CONSTRUCTION SEE SPECIFICATIONS.
- D. CONTRACTOR TO PROTECT ALL TREES AND PERMANENT STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION.



DESIGNED: K. KELLY	SUB SHEET NO. 04- C132	TITLE OF SHEET PHANTOM RANCH WATER DISTRIBUTION EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566
TECH. REVIEW: M. STUCKY			PMIS/PKG NO. 190083
DATE: 04/22/2022			SHEET 516 of 738



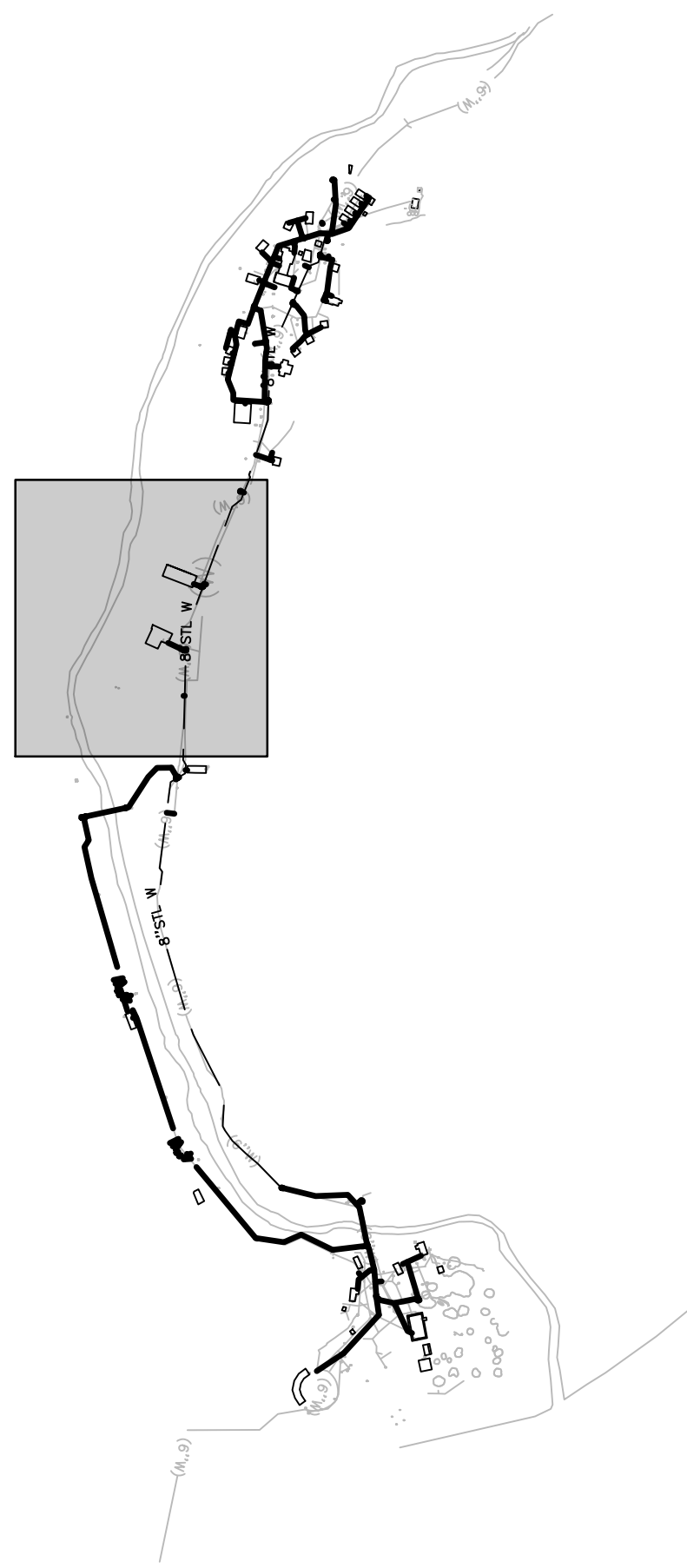
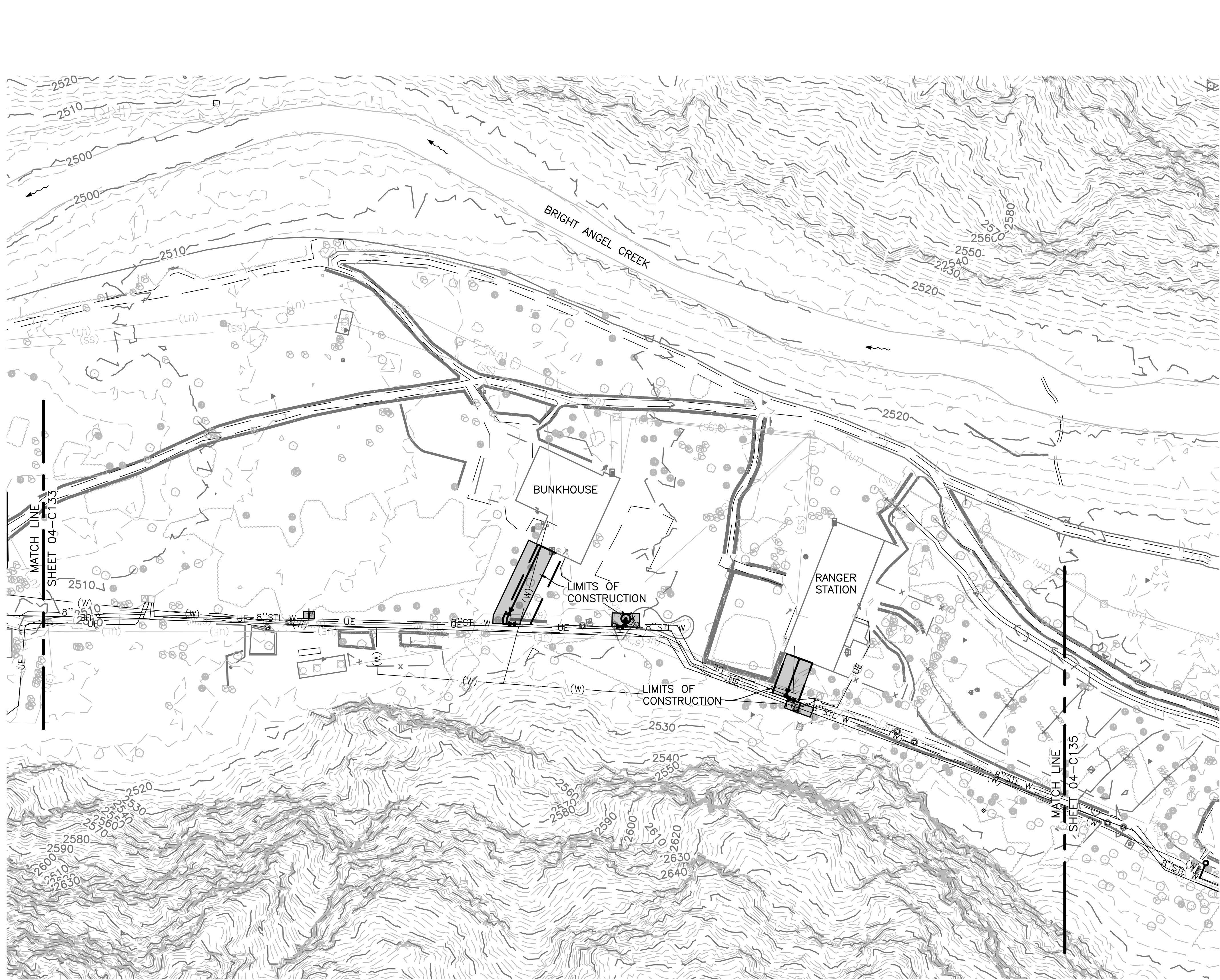
KEY MAP

- LEGEND:**
- LIMITS OF CONSTRUCTION
 - SILT FENCE
 - DIRECTION OF FLOW
 - RIPIARIAN SEED MIX

- GENERAL NOTES:**
- A. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED IN FIELD BY CONTRACTOR.
 - B. PROVIDE ROOT PRESERVATION AND TREE/PLANT PROTECTION.
 - C. PROVIDE TEMPORARY WATER SERVICE DURING CONSTRUCTION SEE SPECIFICATIONS.
 - D. CONTRACTOR TO PROTECT ALL TREES AND PERMANENT STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION.



DESIGNED: K. KELLY	SUB SHEET NO. 04-113	TITLE OF SHEET PHANTOM RANCH WATER DISTRIBUTION EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 144566
TECH. REVIEW: E. JUNOD	04-C133		PMIS/PKG NO. 190083
DATE: 04/22/2022			SHEET 517 OF 738



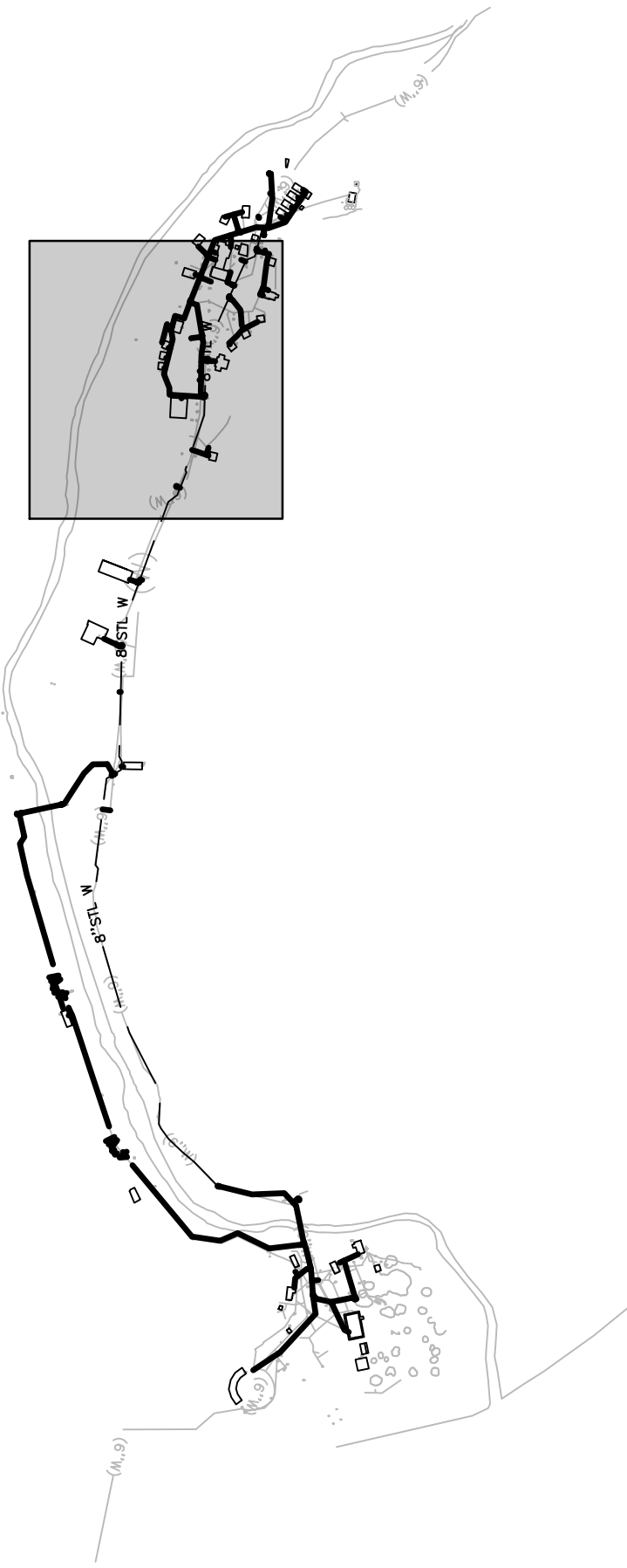
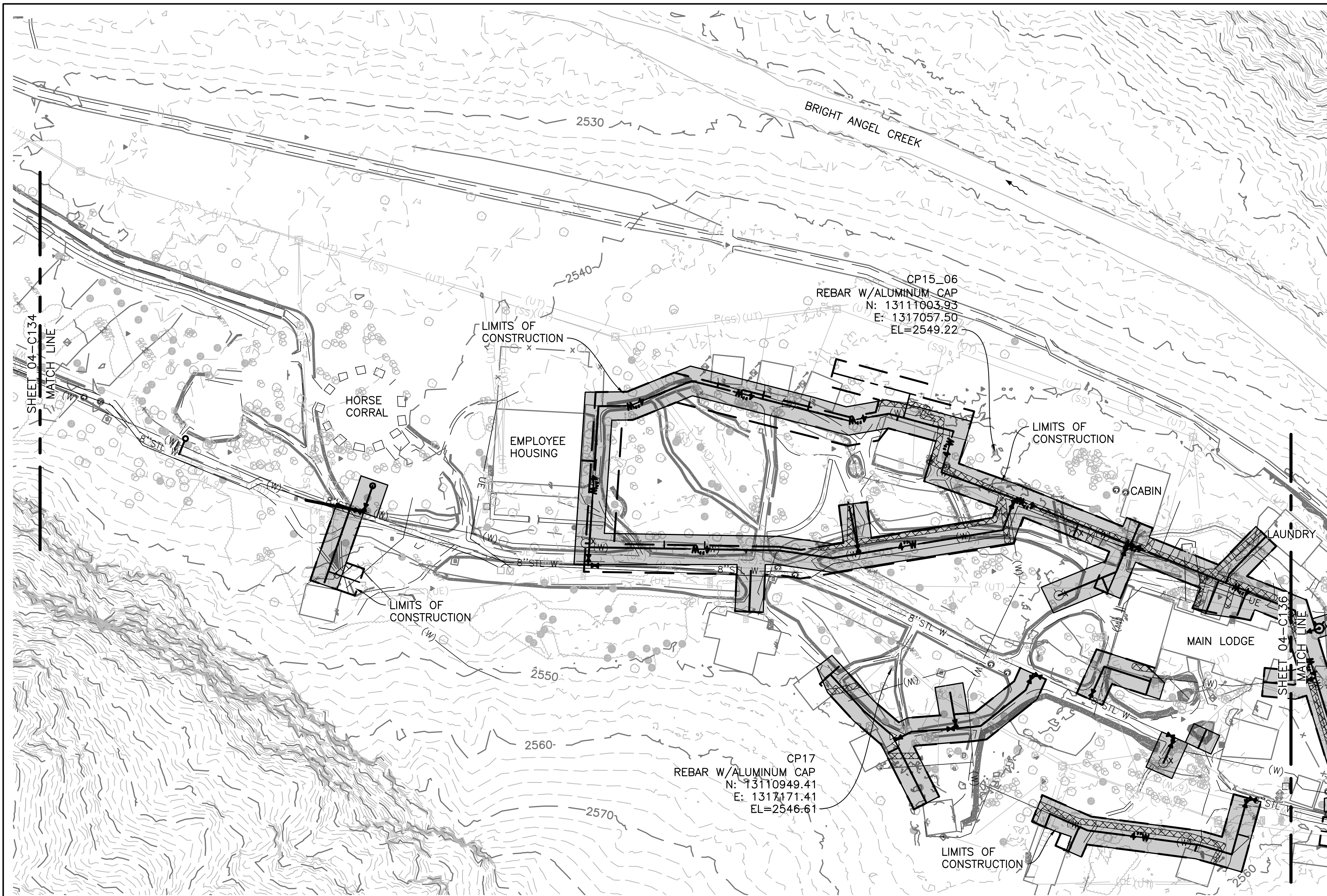
KEY MAP

- LEGEND:**
- LIMITS OF CONSTRUCTION
 - SILT FENCE
 - DIRECTION OF FLOW

- GENERAL NOTES:**
- A. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED IN FIELD BY CONTRACTOR.
 - B. PROVIDE ROOT PRESERVATION AND TREE/PLANT PROTECTION.
 - C. PROVIDE TEMPORARY WATER SERVICE DURING CONSTRUCTION SEE SPECIFICATIONS.
 - D. CONTRACTOR TO PROTECT ALL TREES AND PERMANENT STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION.



DESIGNED: K.KELLY	SUB SHEET NO. 04-C134	TITLE OF SHEET PHANTOM RANCH WATER DISTRIBUTION EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566
TECH. REVIEW: M. STUCKY			PMIS/PKG NO. 190083
DATE: 04/22/2022			SHEET 518 OF 738

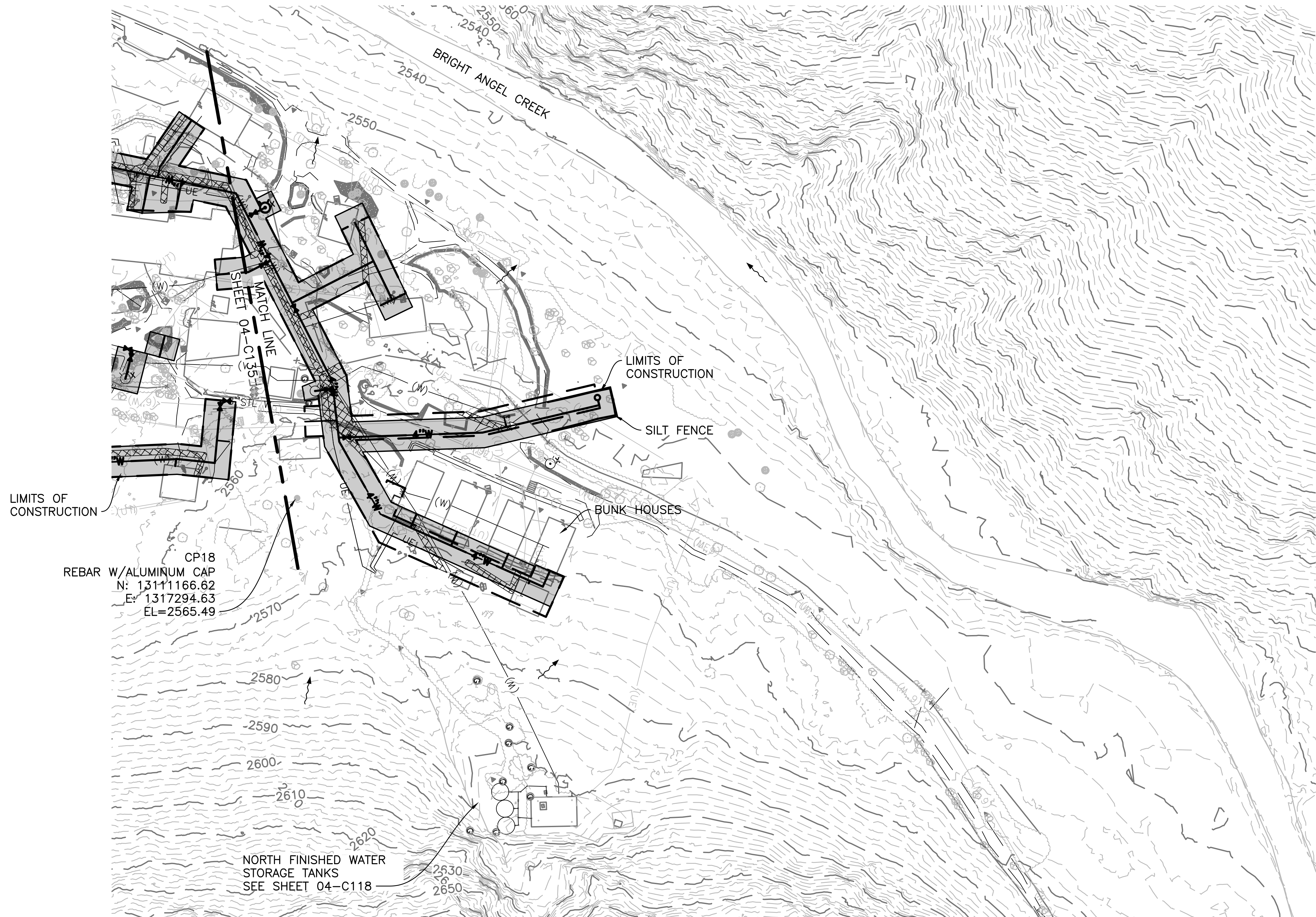


- LEGEND:**
- LIMITS OF CONSTRUCTION
 - SILT FENCE
 - DIRECTION OF FLOW
 - RIPARIAN SEED MIX

- GENERAL NOTES:**
- A. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED IN FIELD BY CONTRACTOR.
 - B. PROVIDE ROOT PRESERVATION AND TREE/PLANT PROTECTION.
 - C. PROVIDE TEMPORARY WATER SERVICE DURING CONSTRUCTION SEE SPECIFICATIONS.
 - D. CONTRACTOR TO PROTECT ALL TREES AND PERMANENT STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION.



DESIGNED: K. KELLY	SUB SHEET NO. 04-C135	TITLE OF SHEET PHANTOM RANCH WATER DISTRIBUTION EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566
TECH. REVIEW: M. STUCKY			PMIS/PKG NO. 190083
DATE: 04/22/2022			SHEET 519 OF 738



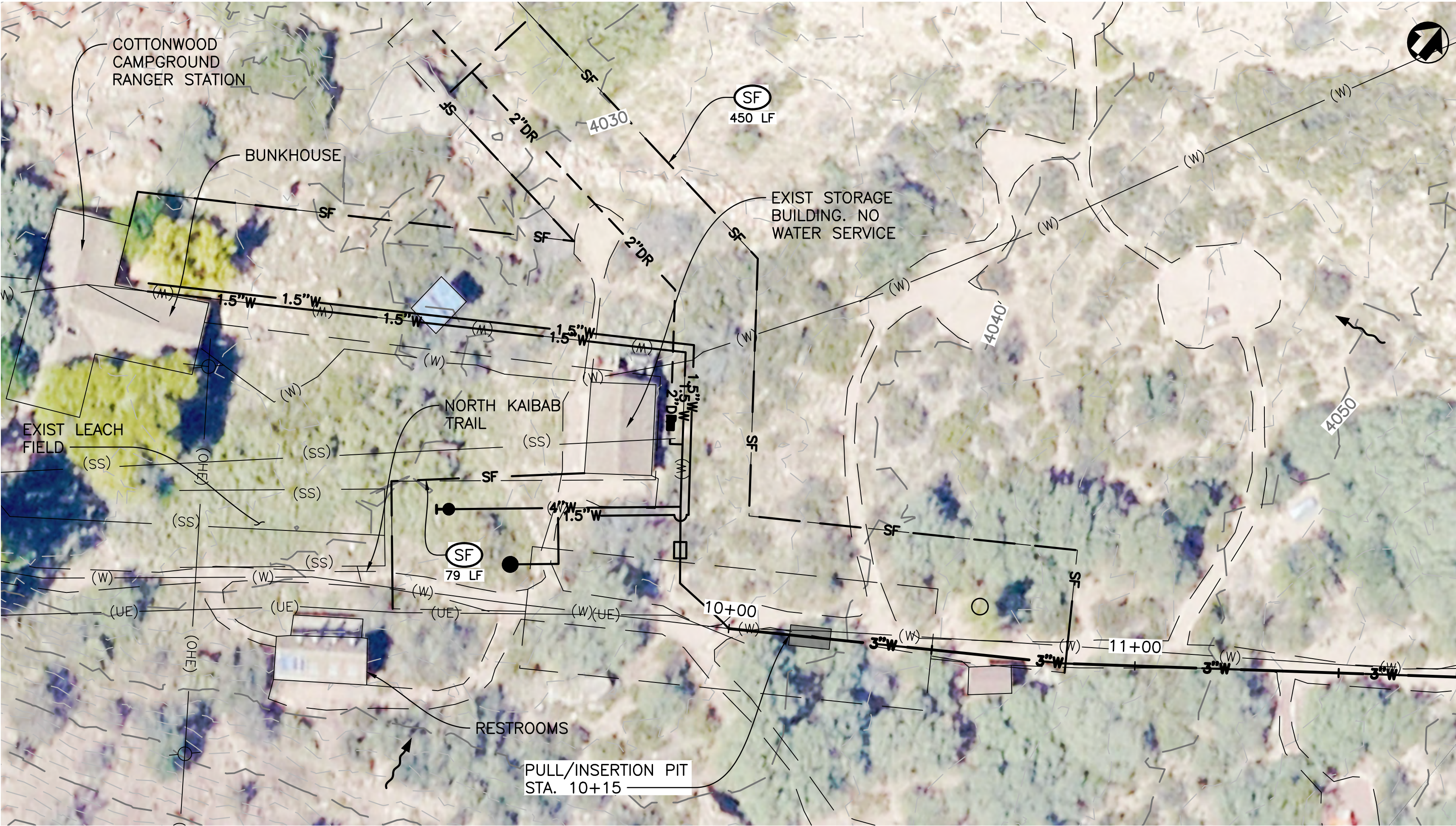
KEY MAP

- LEGEND:
- LIMITS OF CONSTRUCTION
 - SILT FENCE
 - DIRECTION OF FLOW
 - RIPARIAN SEED MIX

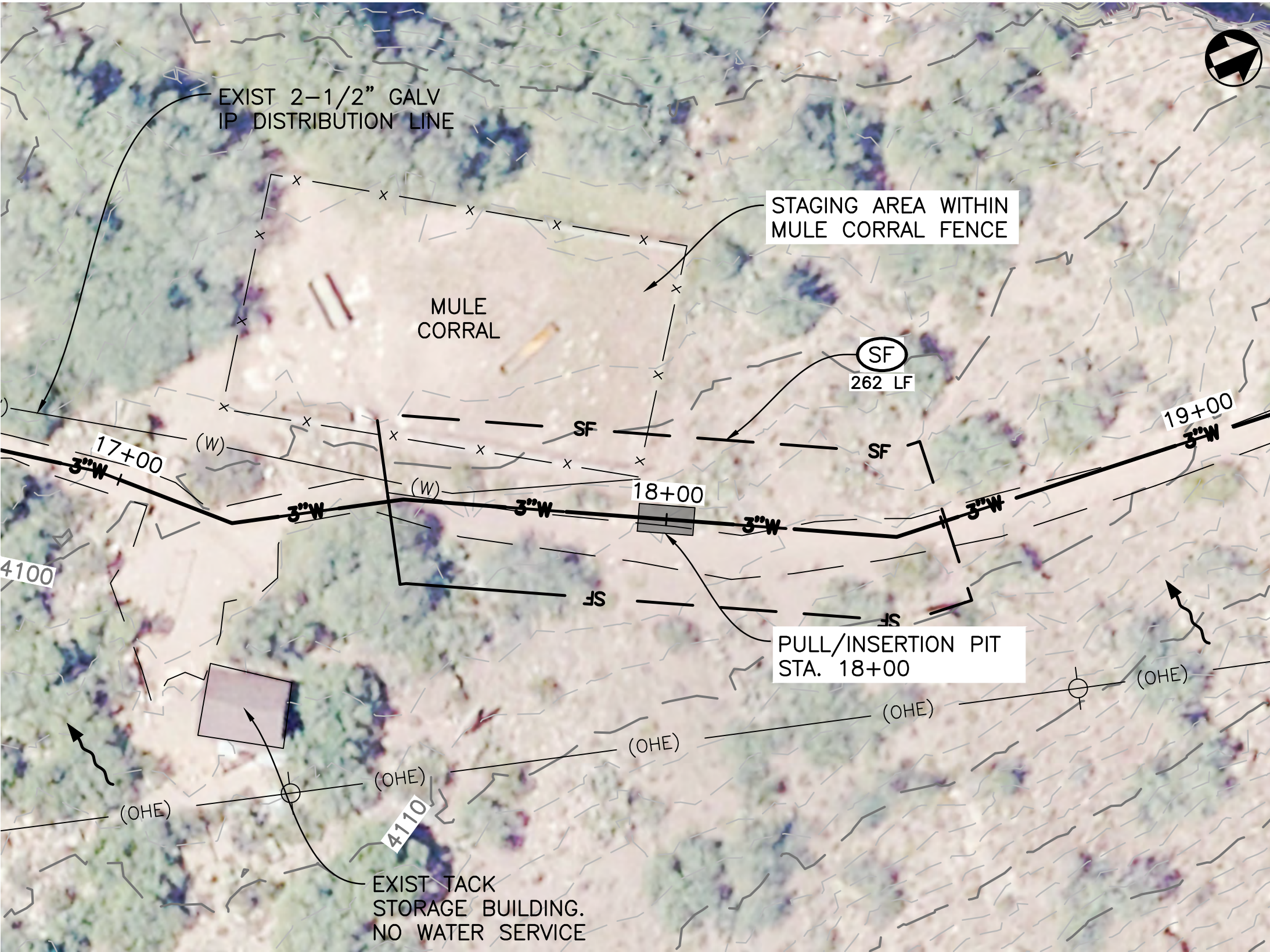
- GENERAL NOTES:
- A. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED IN FIELD BY CONTRACTOR.
 - B. PROVIDE ROOT PRESERVATION AND TREE/PLANT PROTECTION.
 - C. PROVIDE TEMPORARY WATER SERVICE DURING CONSTRUCTION SEE SPECIFICATIONS.
 - D. CONTRACTOR TO PROTECT ALL TREES AND PERMANENT STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION.



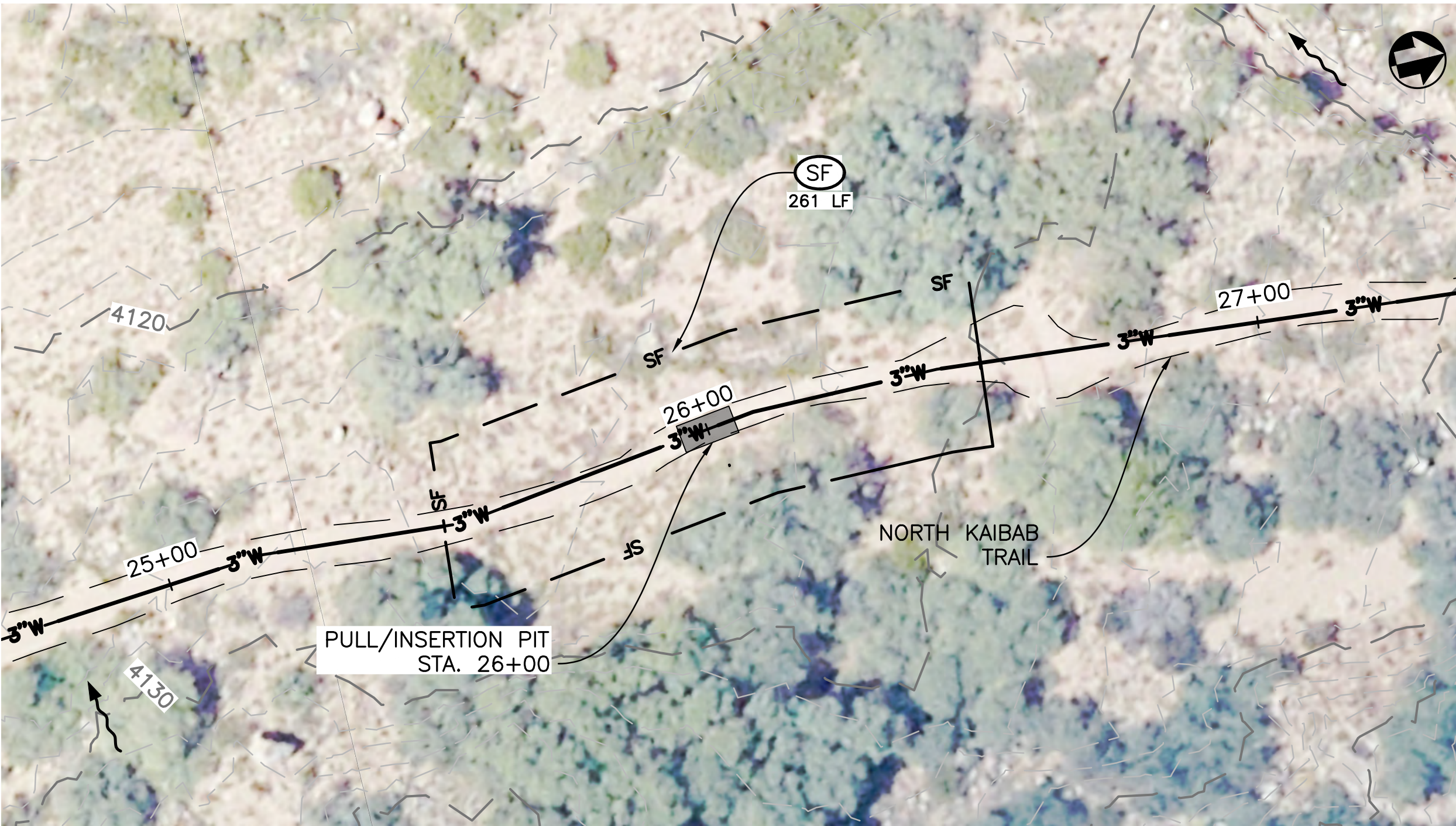
DESIGNED: K. KELLY	SUB SHEET NO. 04-C136	TITLE OF SHEET PHANTOM RANCH WATER DISTRIBUTION EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. 113 144566
TECH. REVIEW: M. STUCKY			PMIS/PKG NO. 190083
DATE: 04/22/2022			SHEET 520 OF 738



COTTONWOOD CAMPGROUND
STA 10+00



PULL/ INSERTION PIT LOCATION
STA 18+00



PULL/ INSERTION PIT LOCATION
STA 26+00

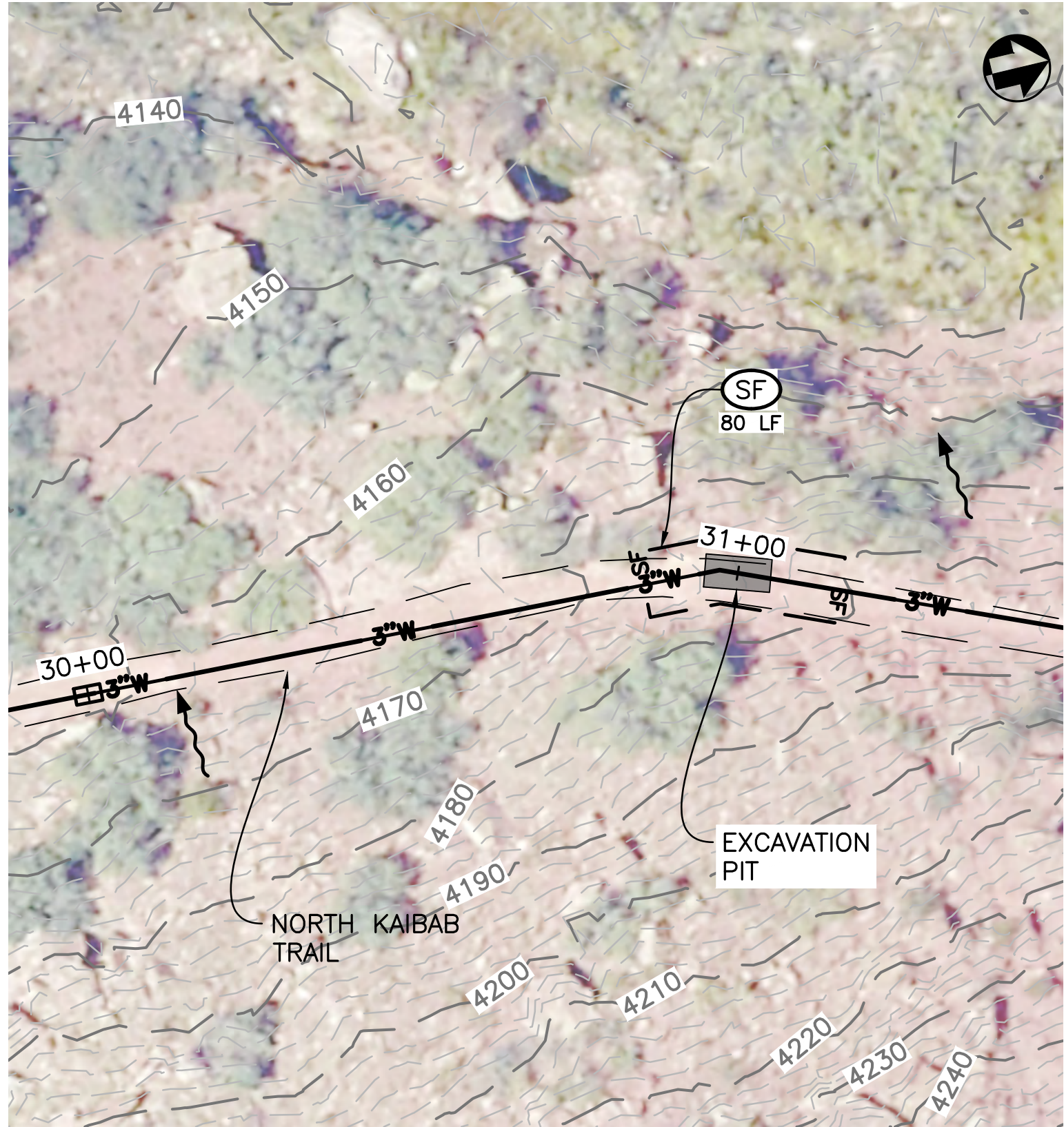
LEGEND

SILT FENCE ——— SF ——— (SF) 1 00-C503

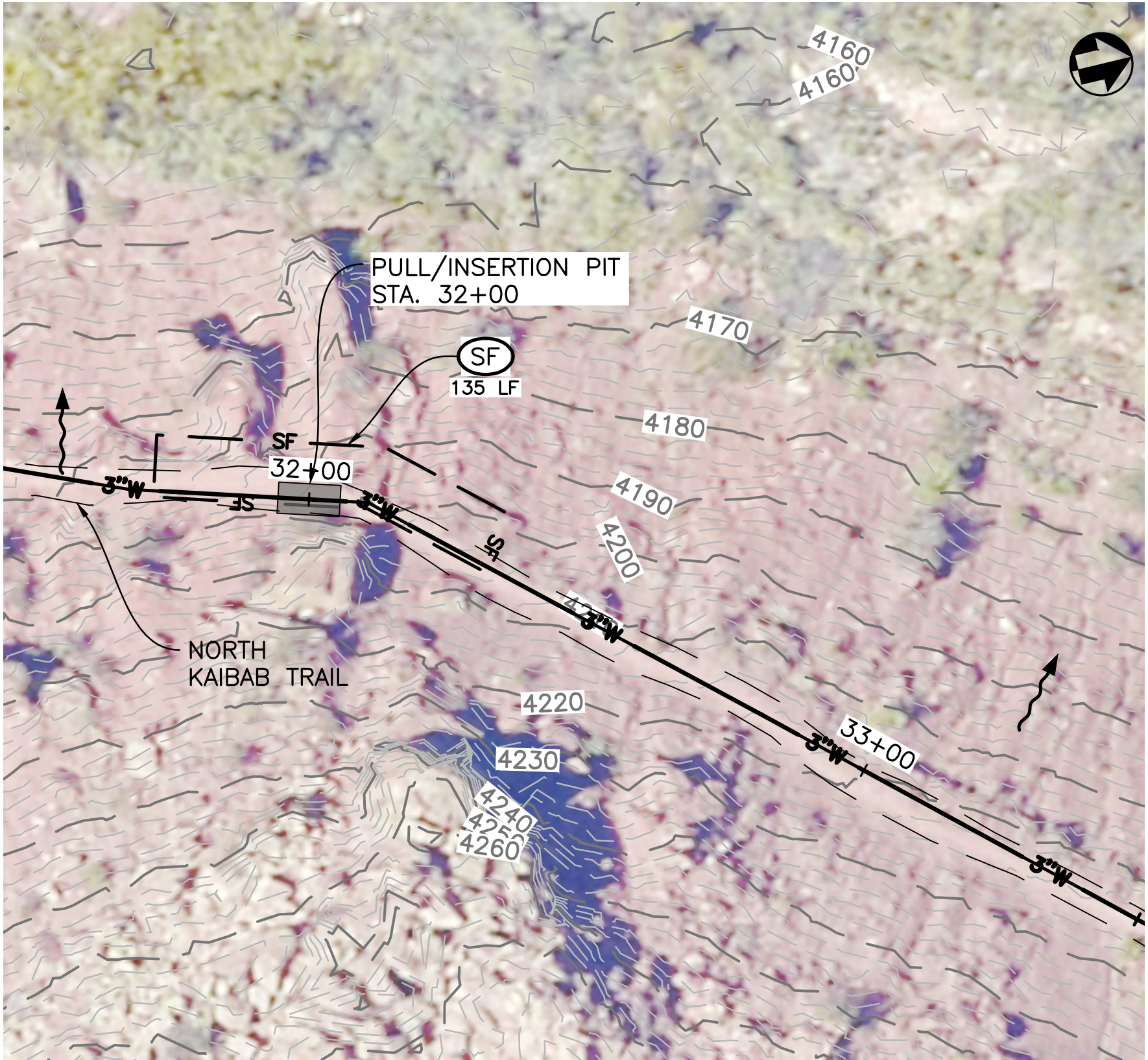
TRENCH WIDTH



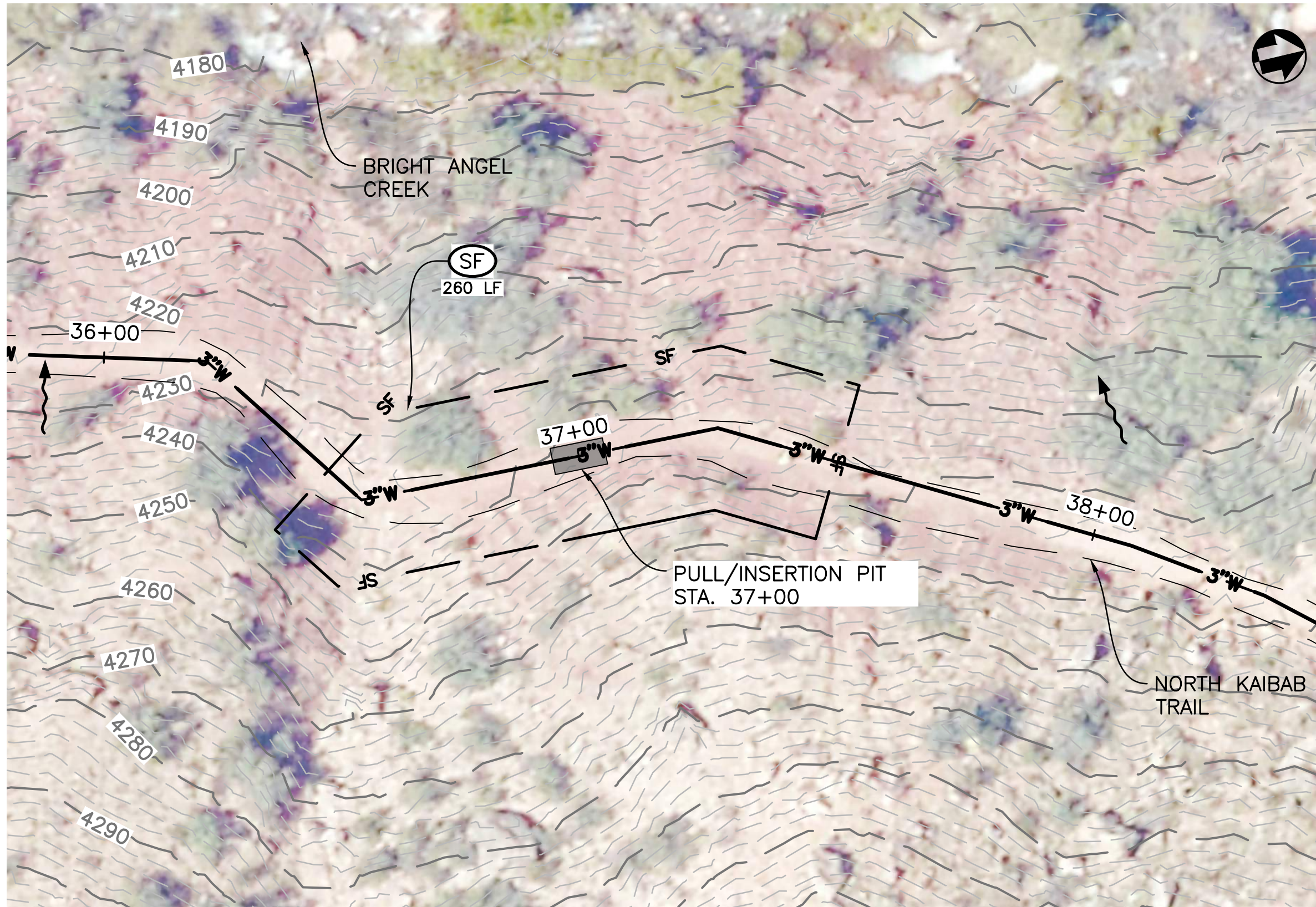
DESIGNED: N. HUMPHREY P. KOWALKE TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 05- C117	TITLE OF SHEET ROARING SPRINGS TO COTTONWOOD WATERLINE EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. _____ PMIS/PKG NO. 190083 SHEET ____ OF _____
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CUT-OUT LOCATION
STA 31+00



PULL/ INSERTION PIT LOCATION
STA 32+00



PULL/ INSERTION PIT LOCATION
STA 37+00

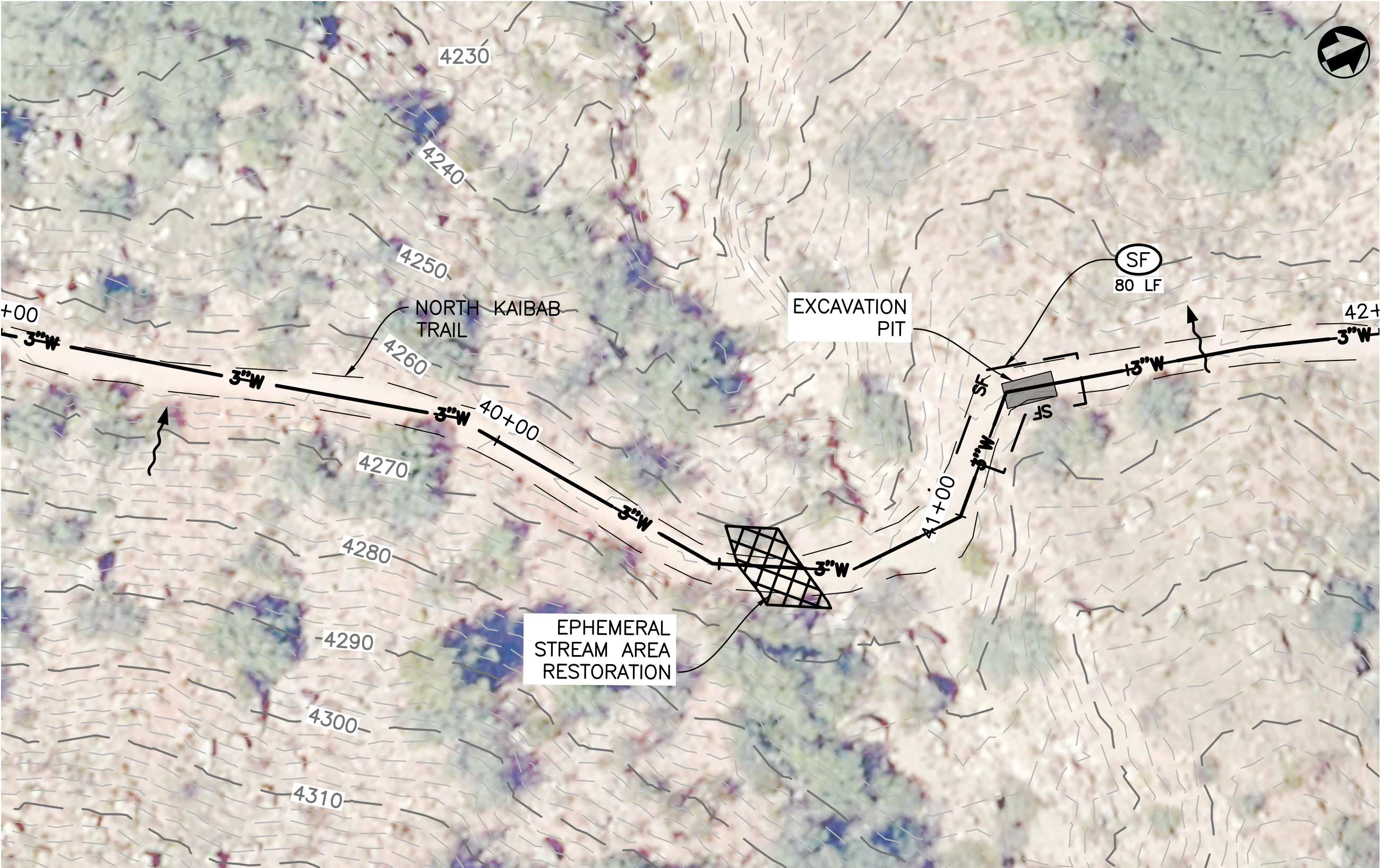
LEGEND

SILT FENCE ——— SF ——— (SF) 1 00-C503

TRENCH WIDTH [Grey Bar]



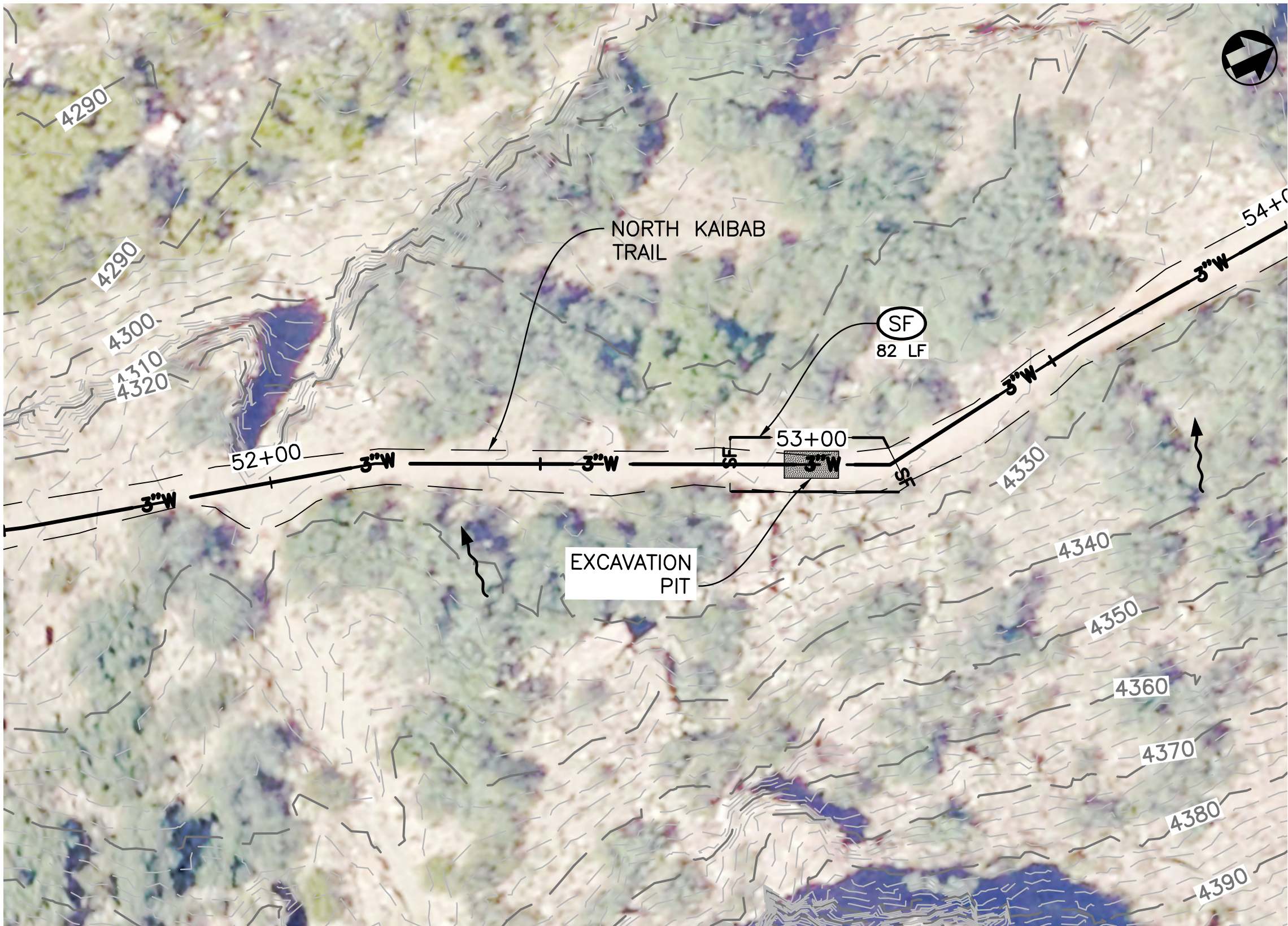
DESIGNED: N. HUMPHREY P. KOWALKE TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 05- C118	TITLE OF SHEET ROARING SPRINGS TO COTTONWOOD WATERLINE EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. _____ PMIS/PKG NO. _____ SHEET ____ OF _____
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CUT-OUT LOCATION
STA 41+25



PULL/ INSERTION PIT LOCATION
STA 42+50



CUT-OUT LOCATION
STA 53+00

LEGEND

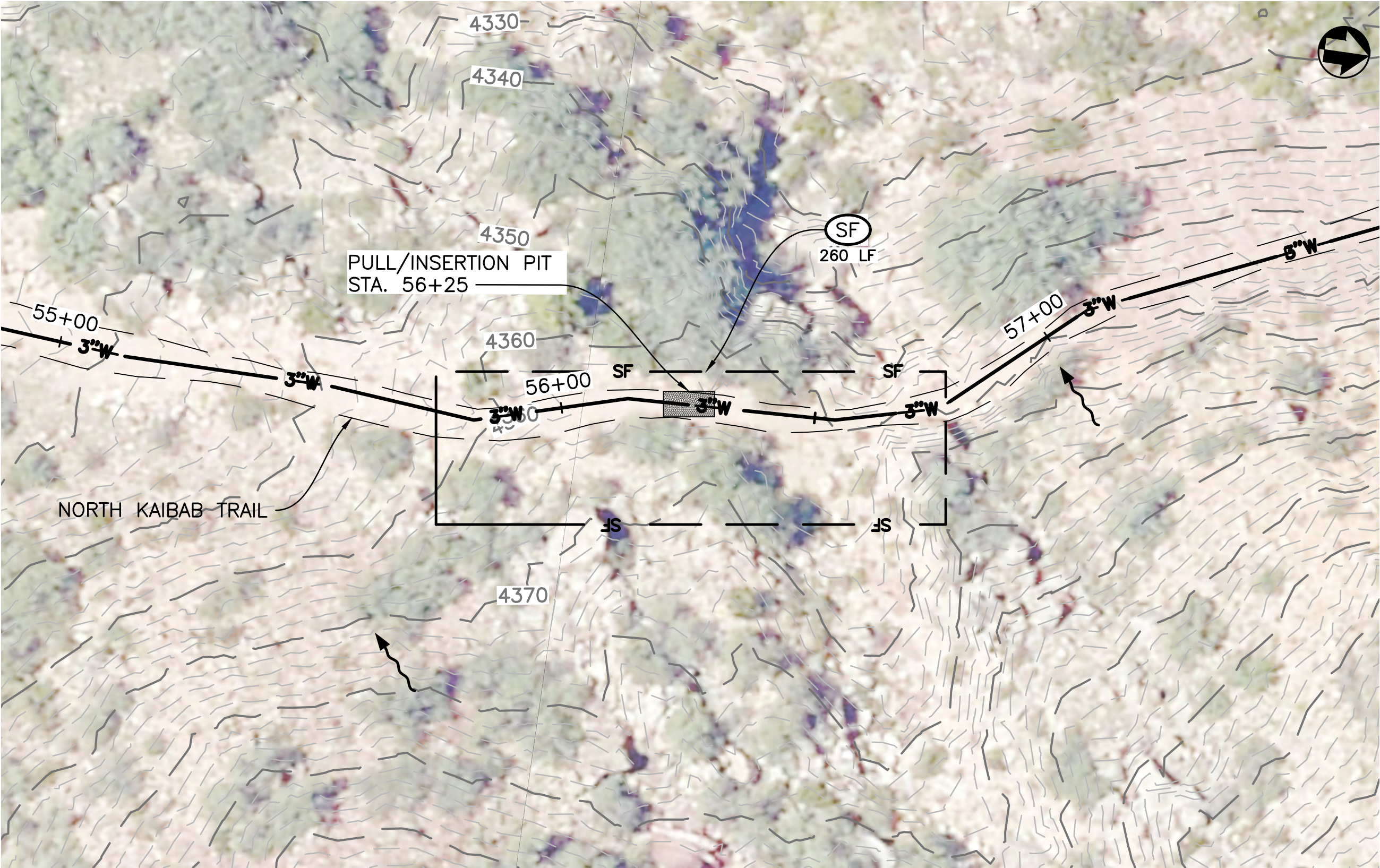
SILT FENCE ——— SF ——— (SF) 1 00-C503

TRENCH WIDTH [Solid Gray Box]

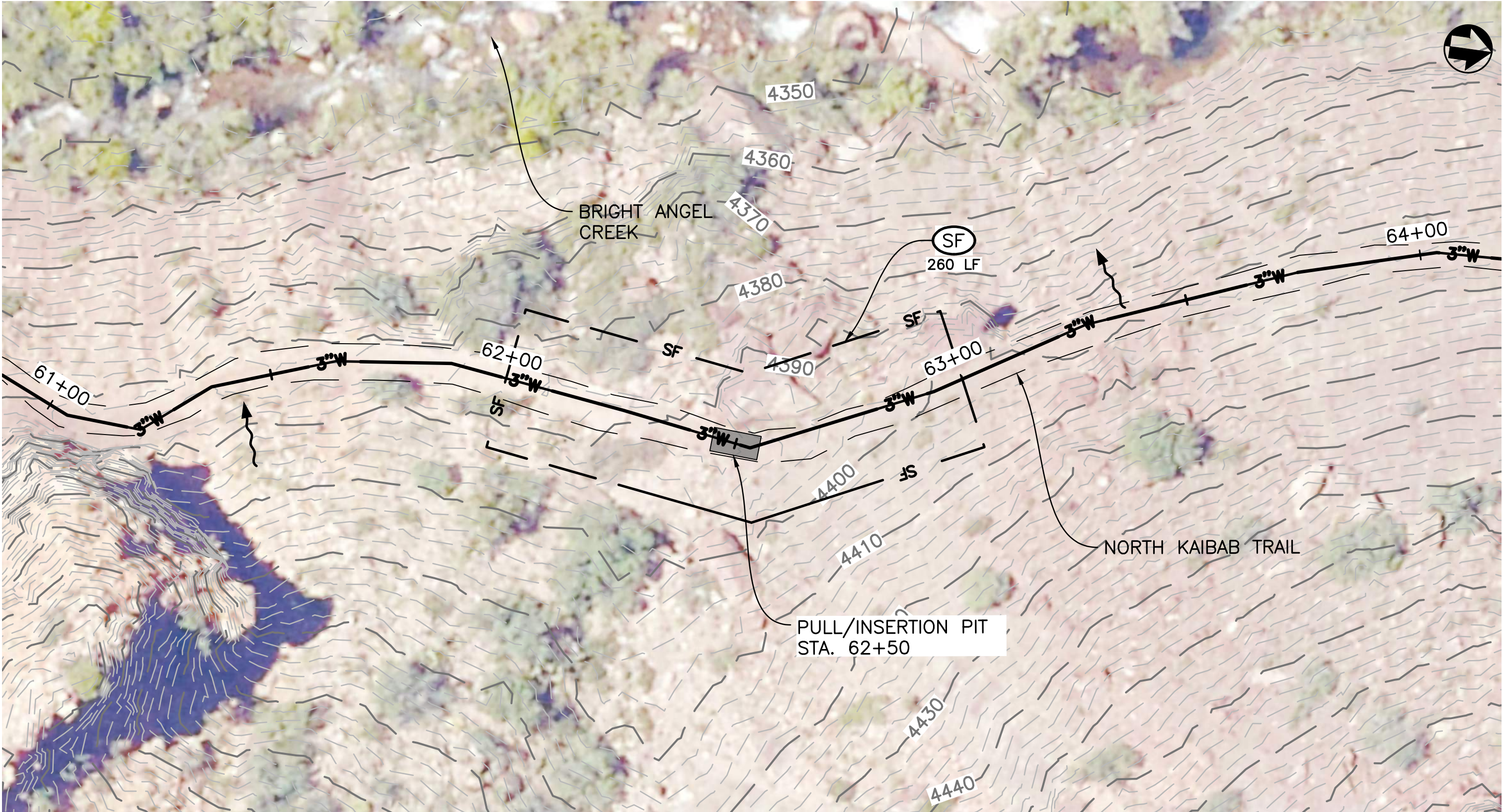
RIPARIAN SEEDMIX [Cross-hatched Box]



DESIGNED: N. HUMPHREY P. KOWALKE TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 05- C119	TITLE OF SHEET ROARING SPRINGS TO COTTONWOOD WATERLINE EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. _____ PMIS/PKG NO. 190083 SHEET ____ OF _____
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PULL/INSERTION PIT LOCATION
STA. 56+25



PULL/INSERTION PIT LOCATION
STA. 62+50



CUT-OUT LOCATION
STA. 68+25

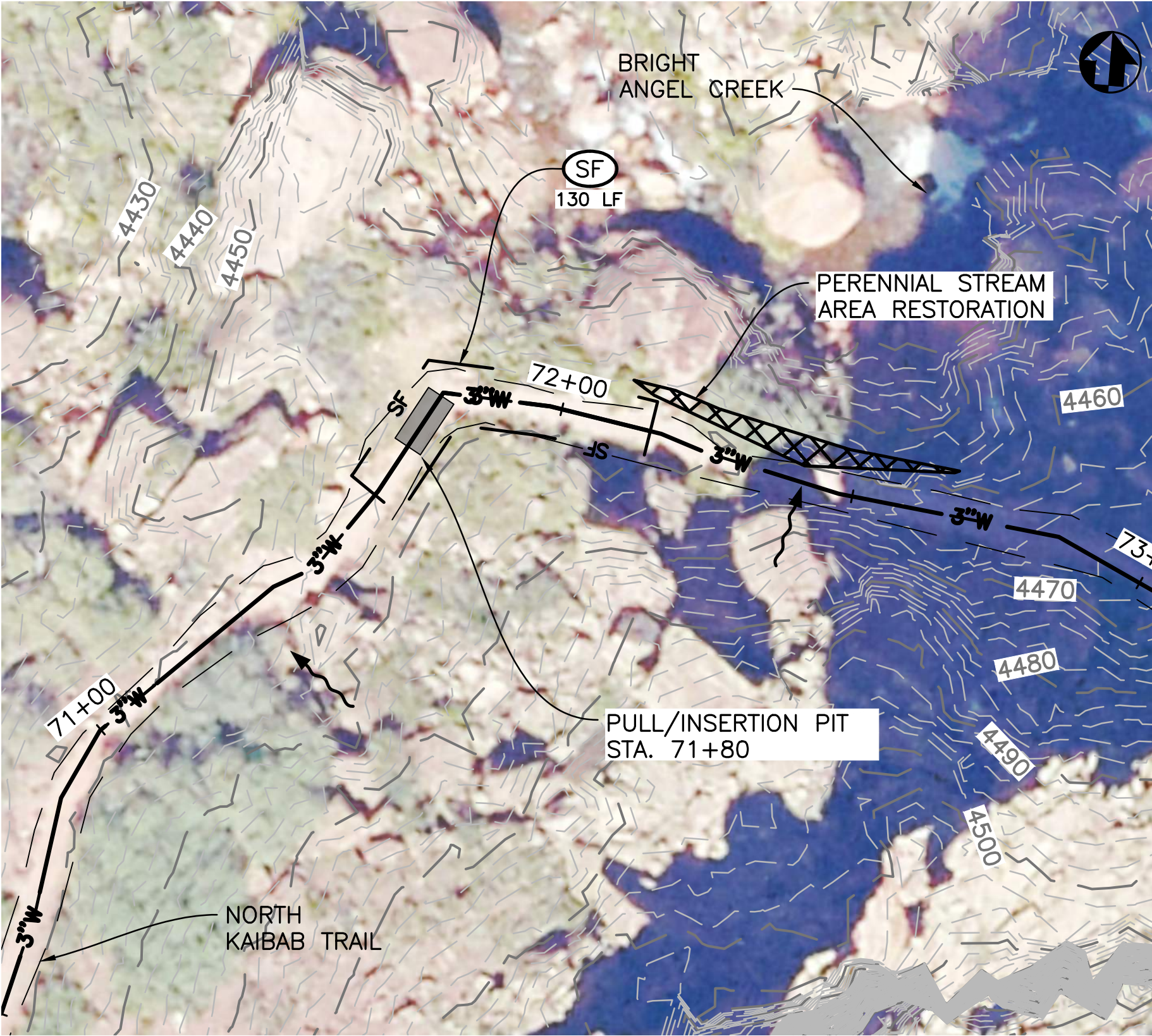
LEGEND

SILT FENCE ——— SF ——— (SF) 1 00-C503

TRENCH WIDTH



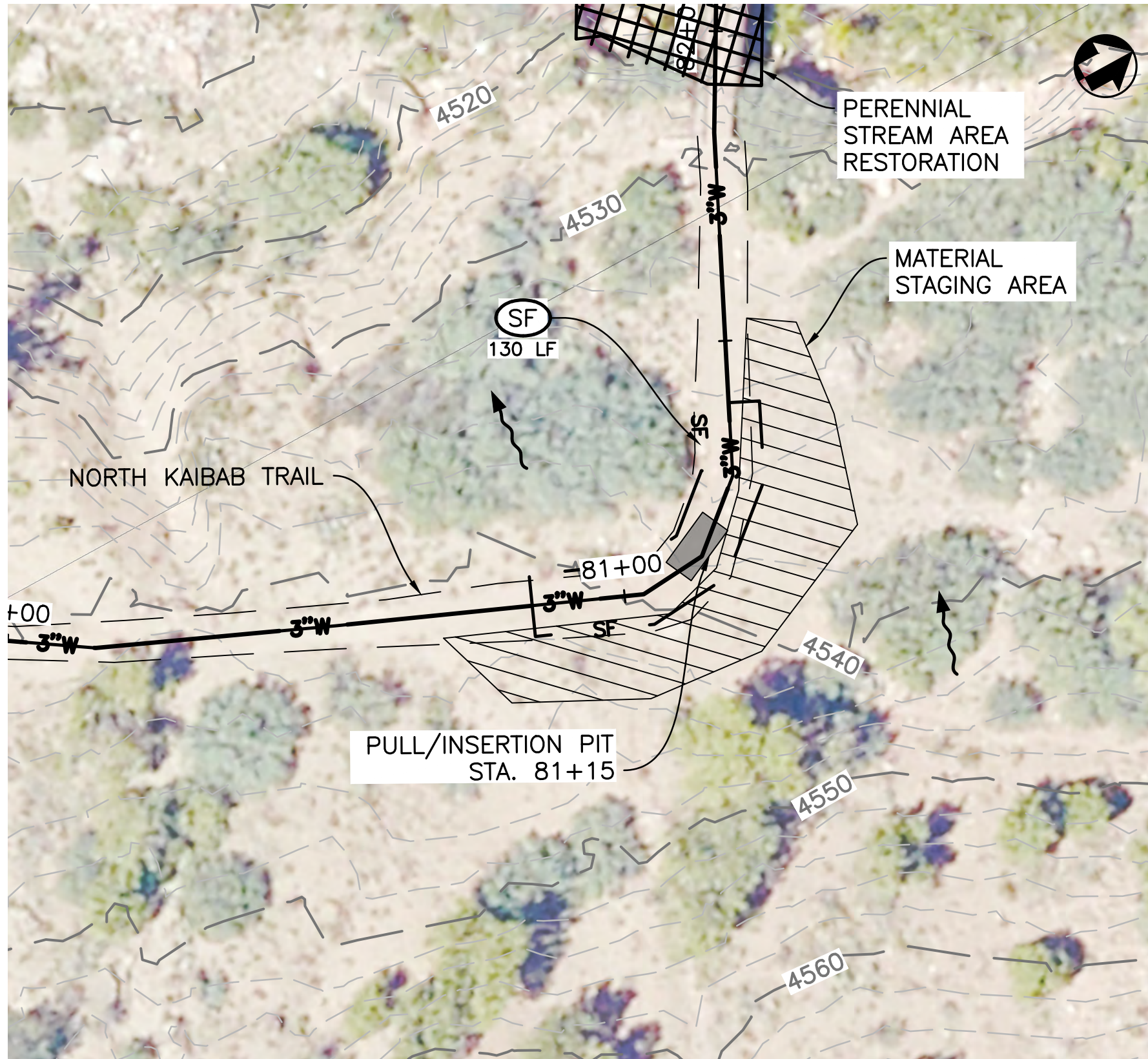
DESIGNED: N. HUMPHREY K. GONZALEZ TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 05- C120	TITLE OF SHEET ROARING SPRINGS TO COTTONWOOD WATERLINE EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. _____ PMIS/PKG NO. 190083 SHEET ____ OF _____
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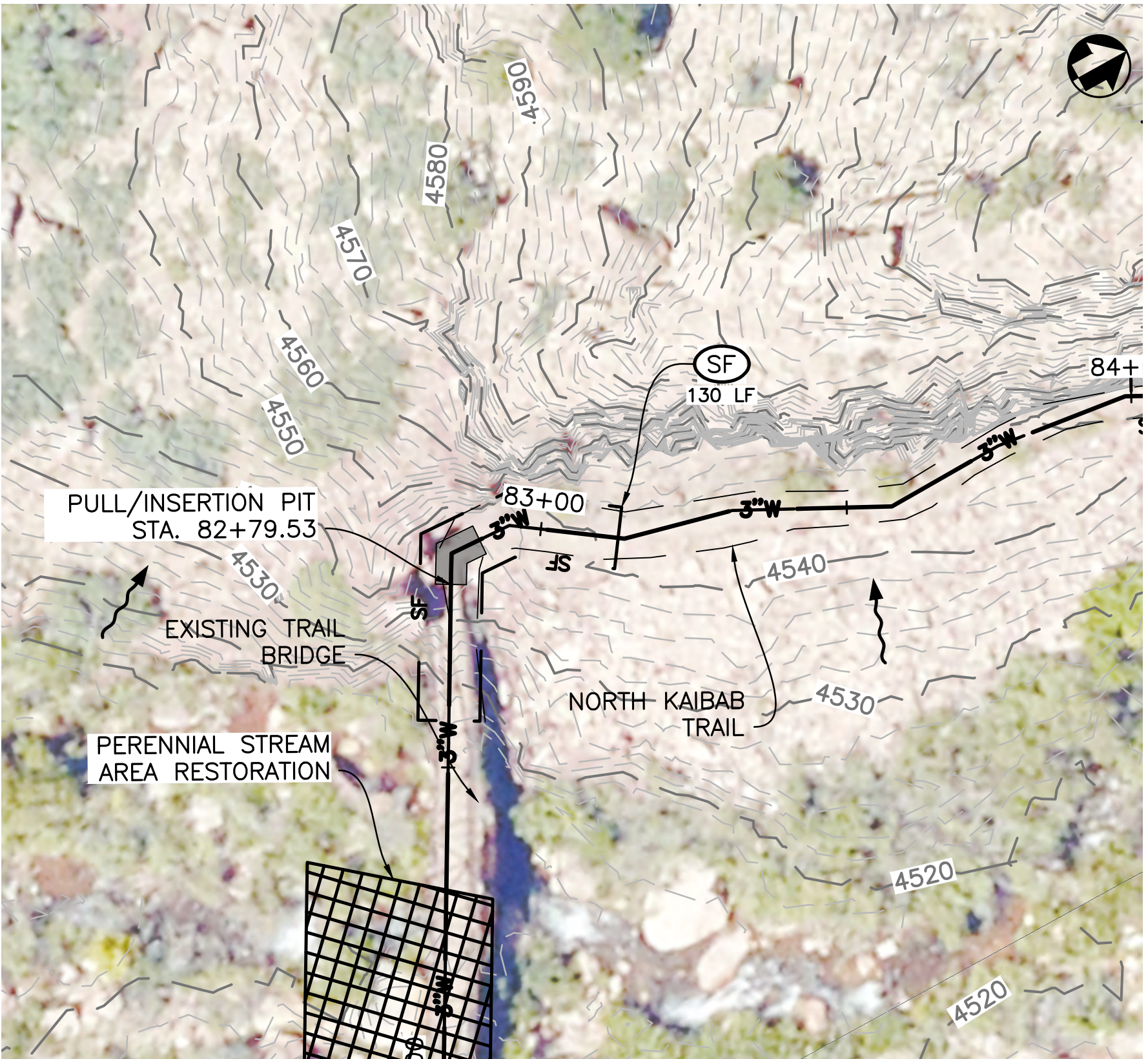
PULL/INSERTION PIT LOCATION
STA 71+80



CUT-OUT LOCATION
STA 76+75



PULL/INSERTION PIT LOCATION
STA 81+15



PULL/INSERTION PIT LOCATION
STA 82+79.53

LEGEND

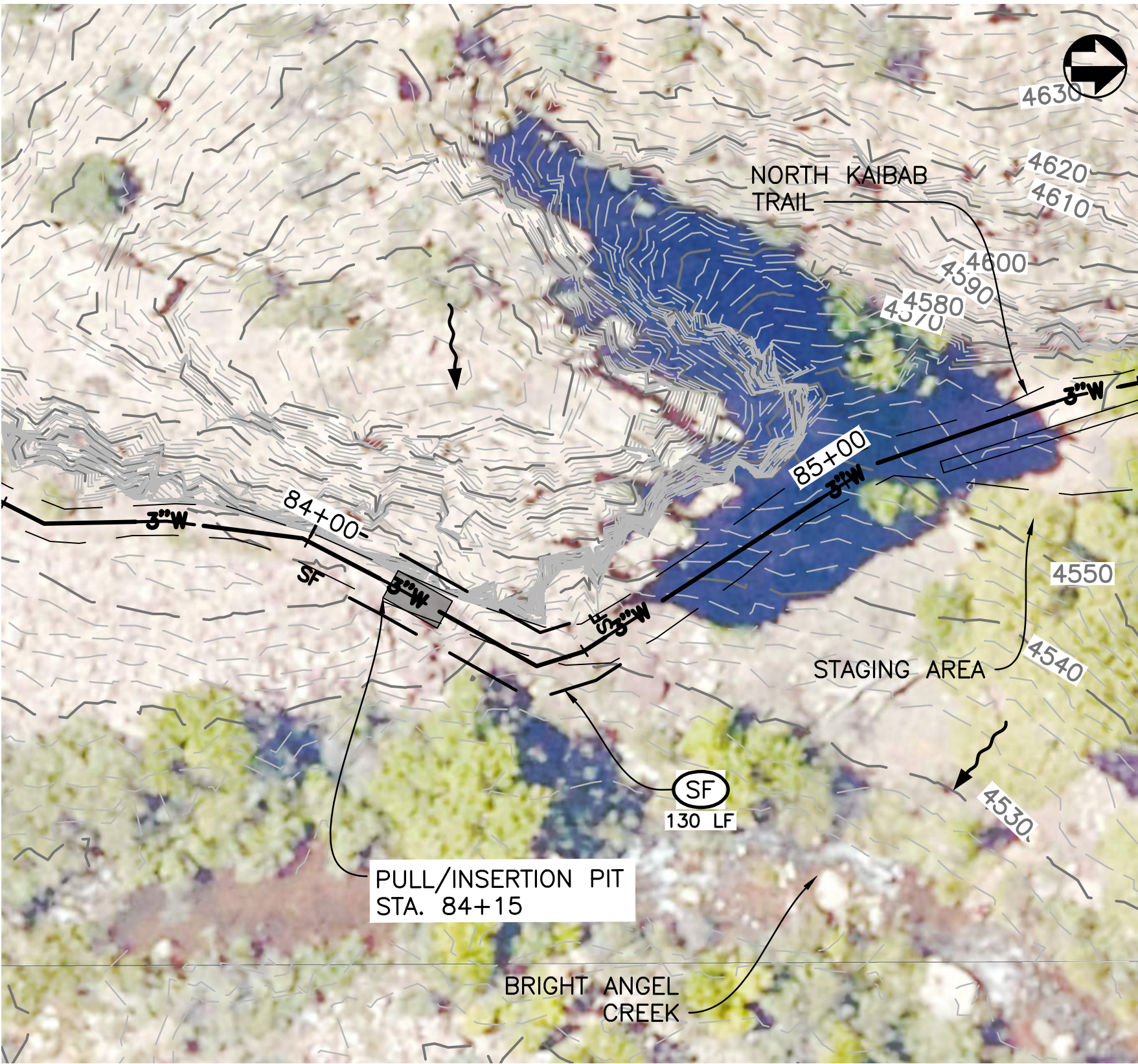
SILT FENCE ———— SF ———— (SF) 1 00-C503

TRENCH WIDTH ————

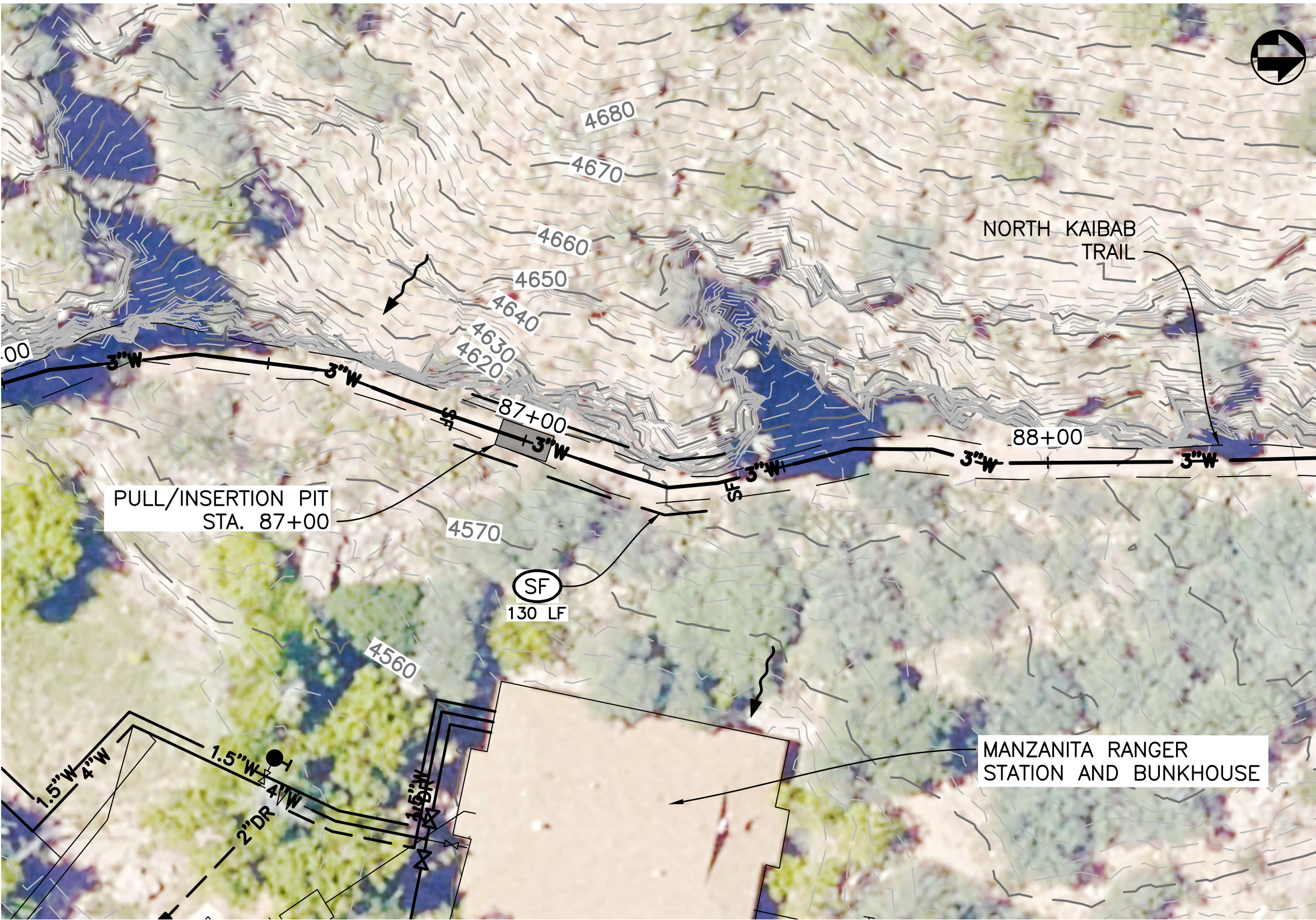
RIPARIAN SEEDMIX ————



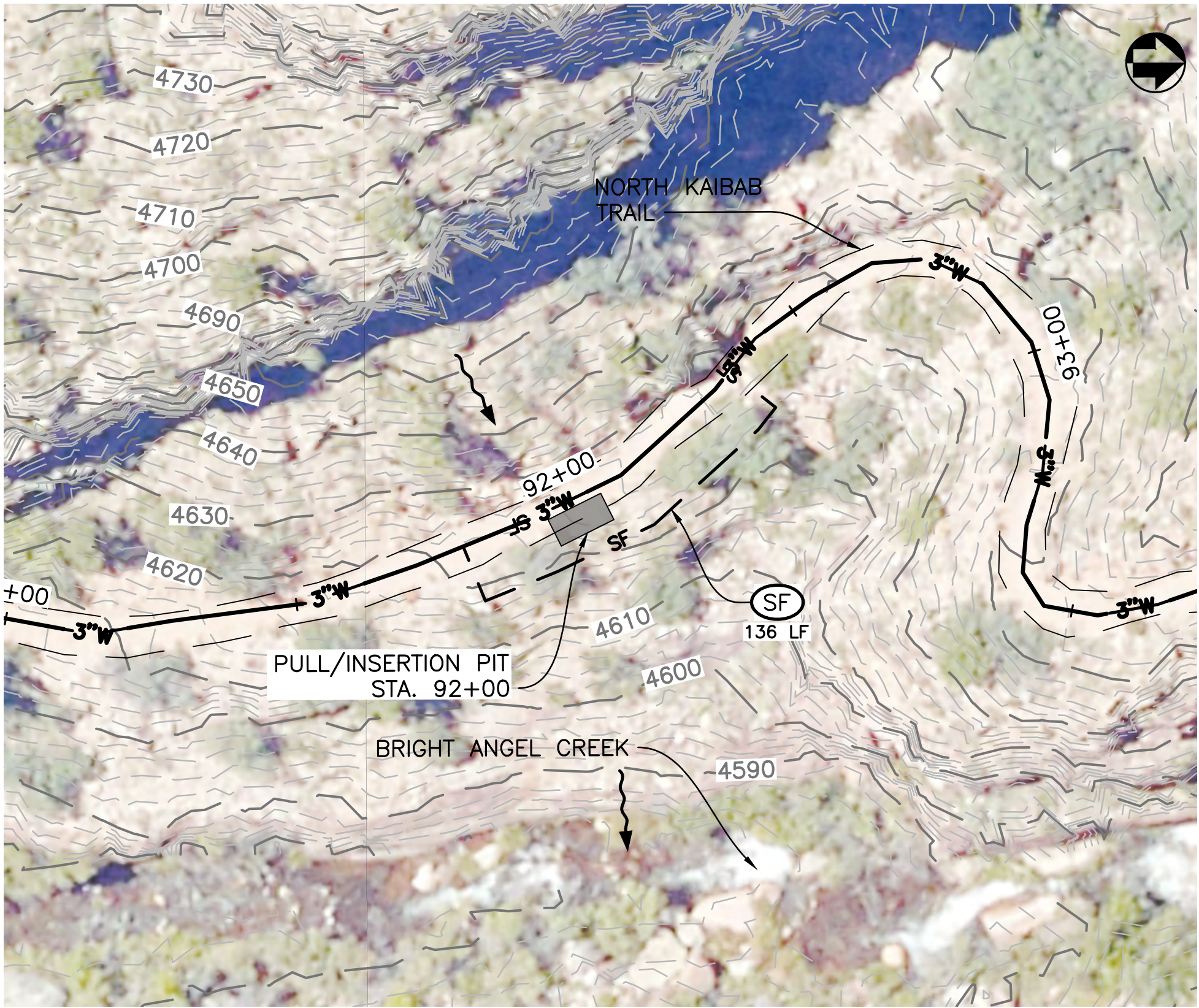
DESIGNED: N. HUMPHREY P. KOWALKE TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 05- C121	TITLE OF SHEET ROARING SPRINGS TO COTTONWOOD WATERLINE EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. _____ PMIS/PKG NO. 190083 SHEET ____ OF ____
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PULL/INSERTION PIT LOCATION
STA.84+15



PULL/INSERTION PIT LOCATION
STA. 87+00



PULL/INSERTION PIT LOCATION
STA. 92+00

LEGEND

SILT FENCE ——— SF ——— (SF) 1 00-C503

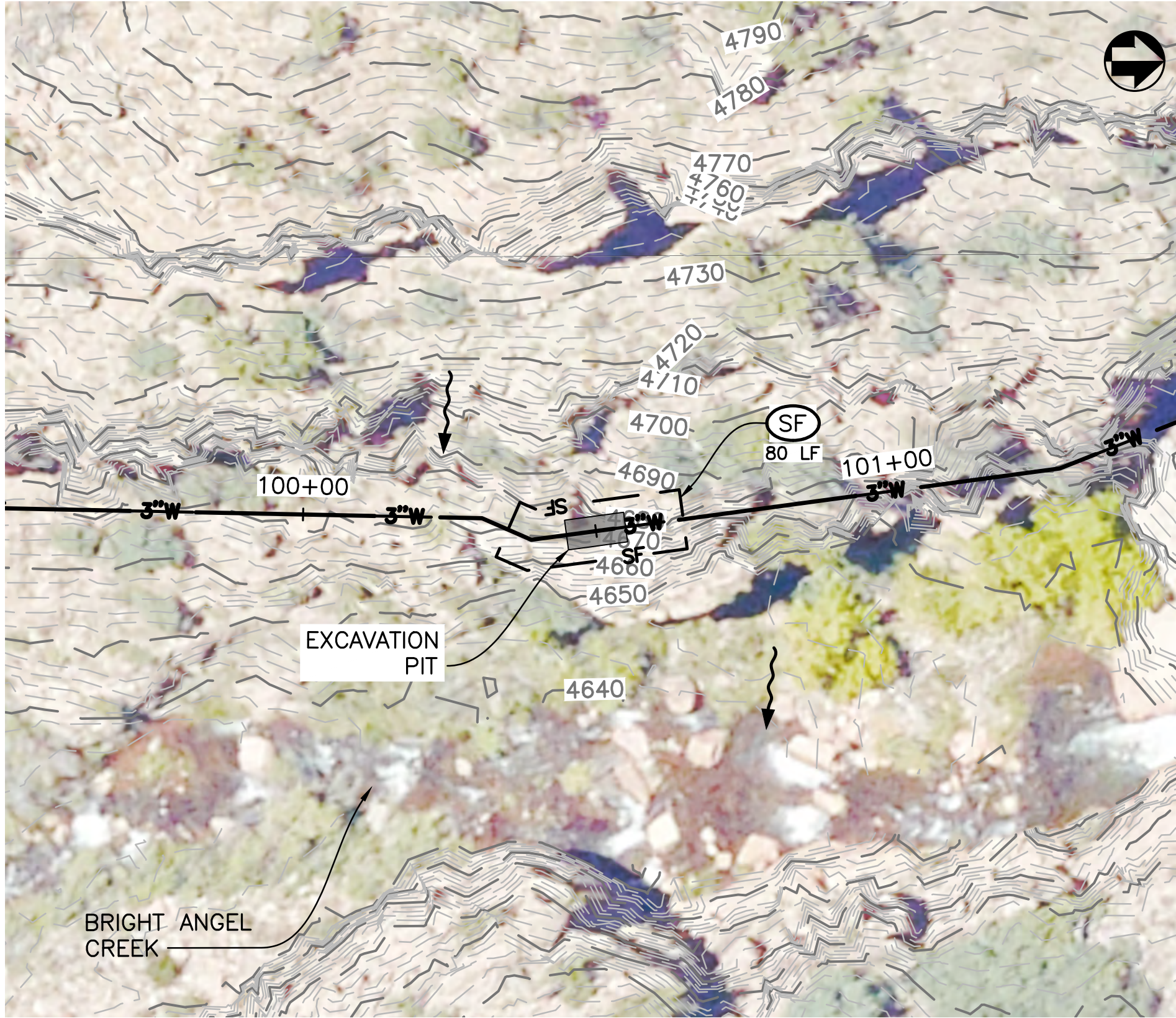
TRENCH WIDTH



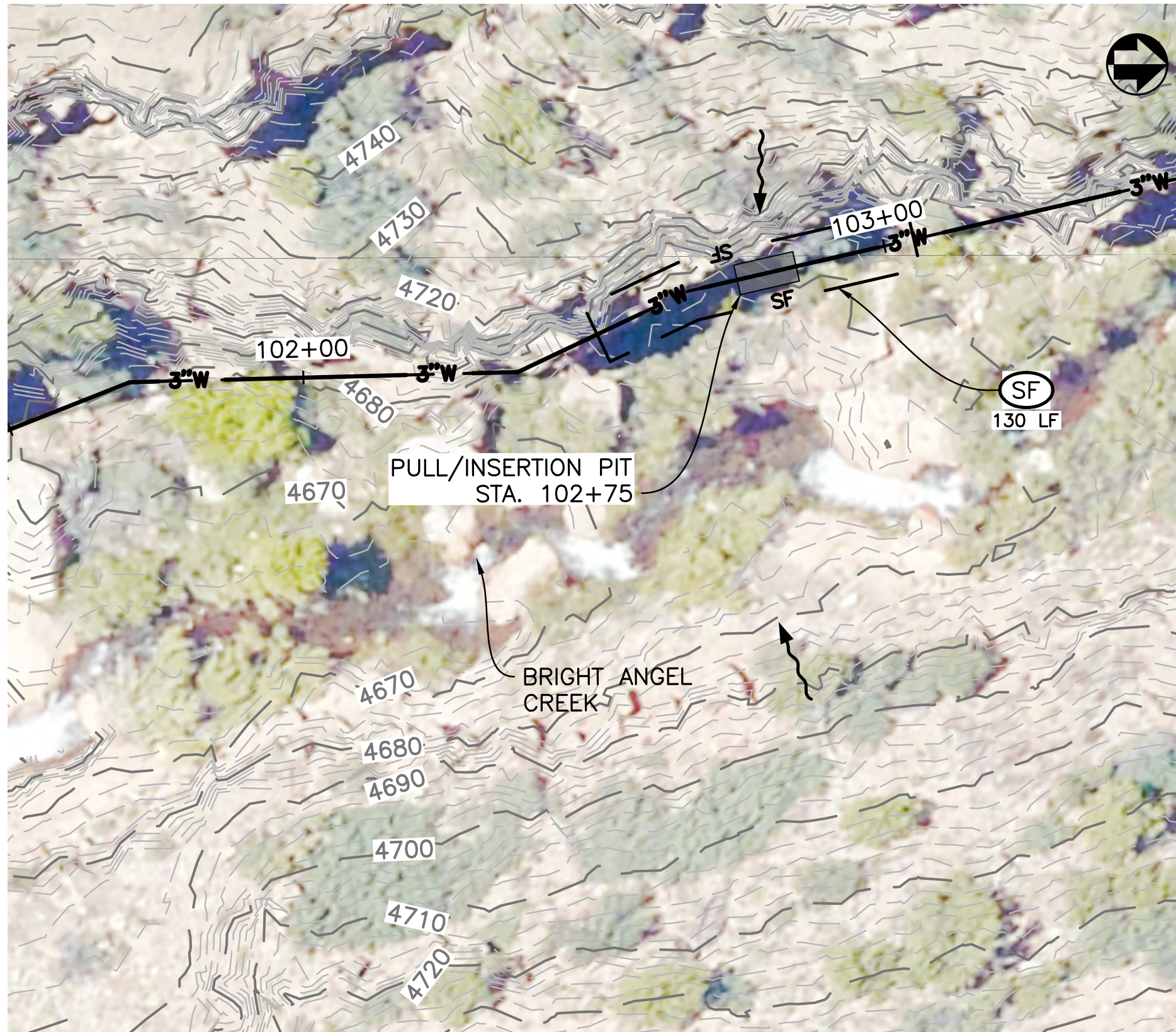
DESIGNED: N. HUMPHREY P. KOWALKE TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 05- C122	TITLE OF SHEET ROARING SPRINGS TO COTTONWOOD WATERLINE EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. _____ PMIS/PKG NO. 190083 SHEET ____ OF _____
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PULL/INSERTION PIT LOCATION
STA. 94+35



CUT-OUT LOCATION
STA. 100+50



PULL/INSERTION PIT LOCATION
STA. 102+75

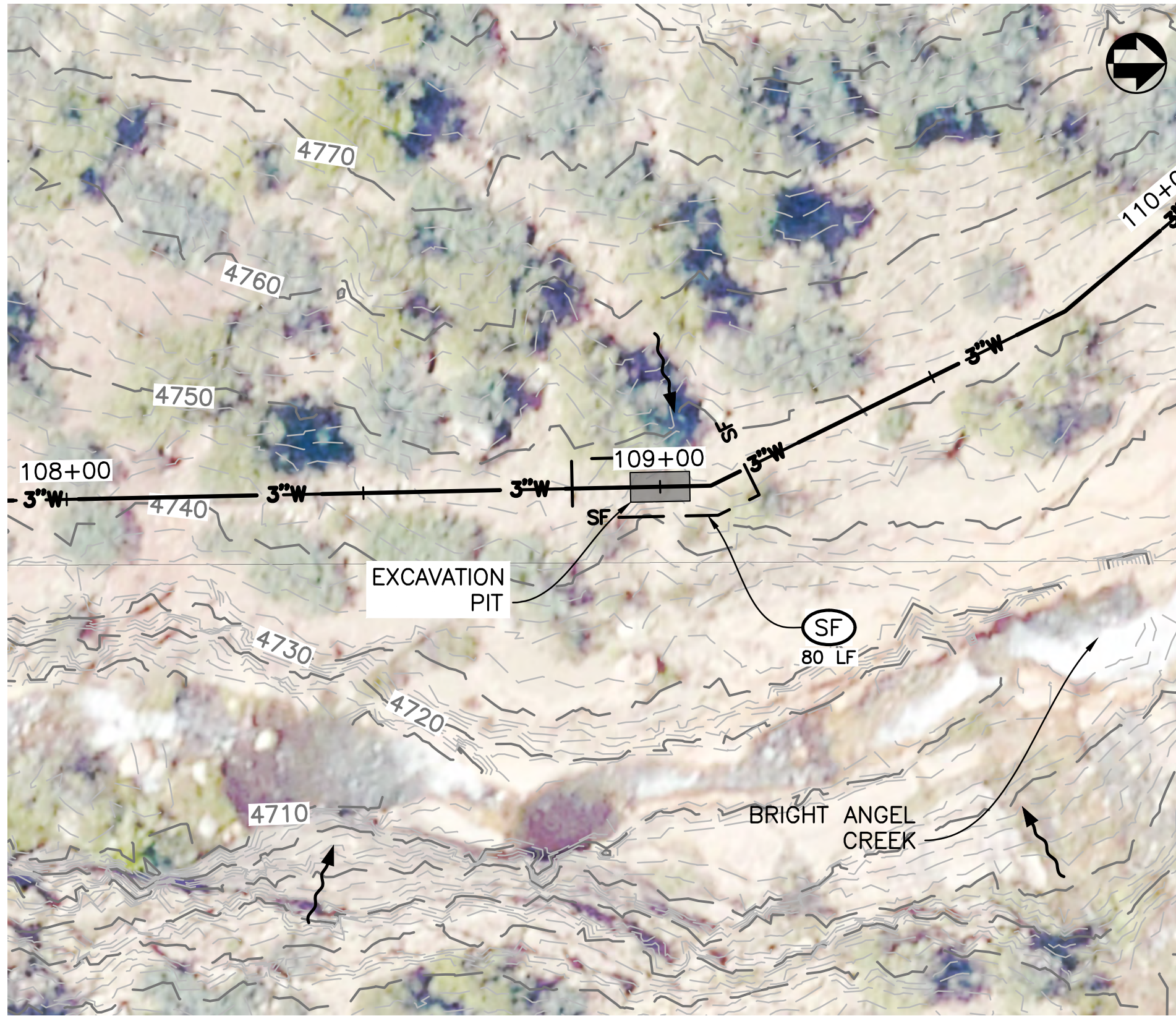
LEGEND

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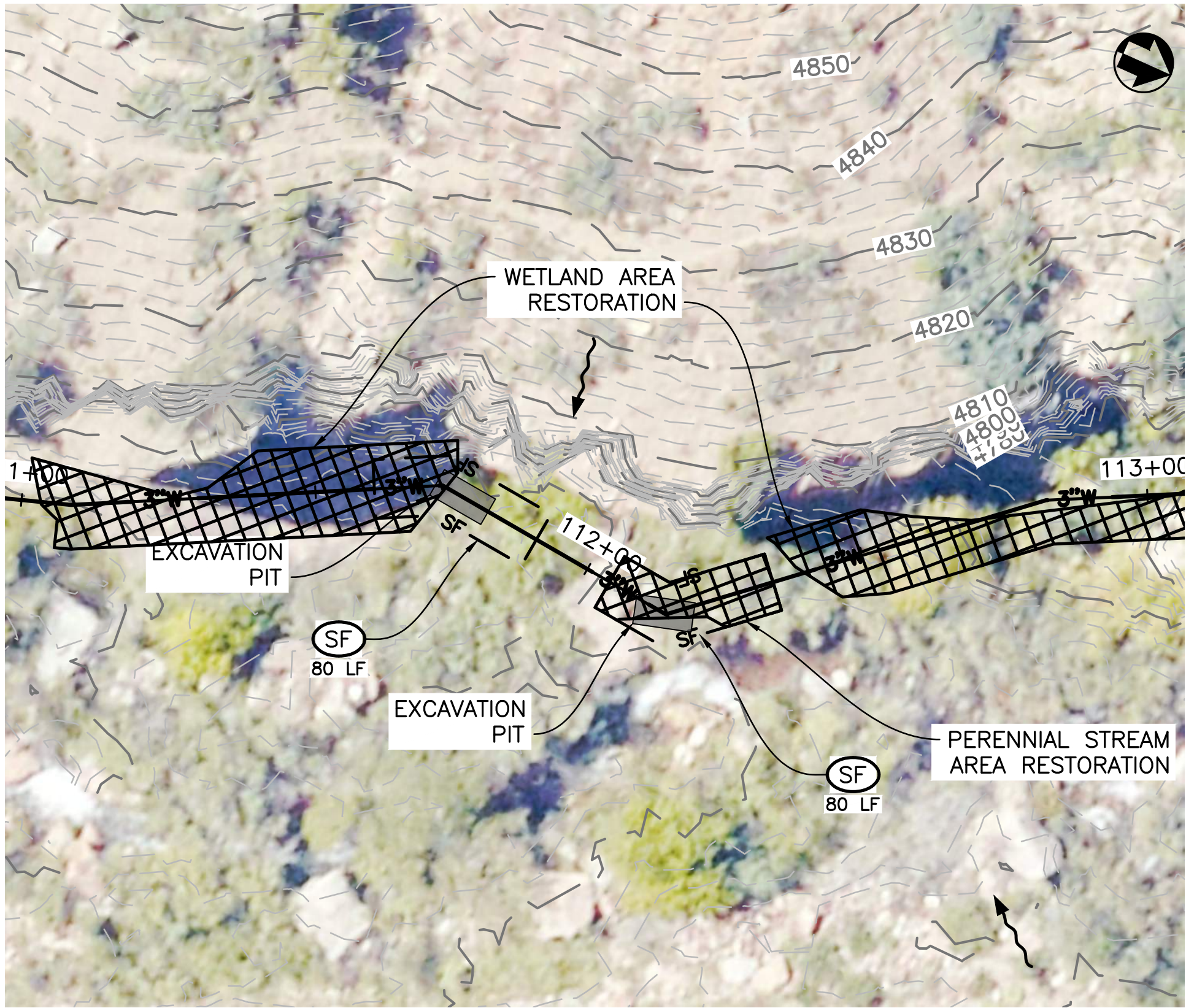
TRENCH WIDTH ———



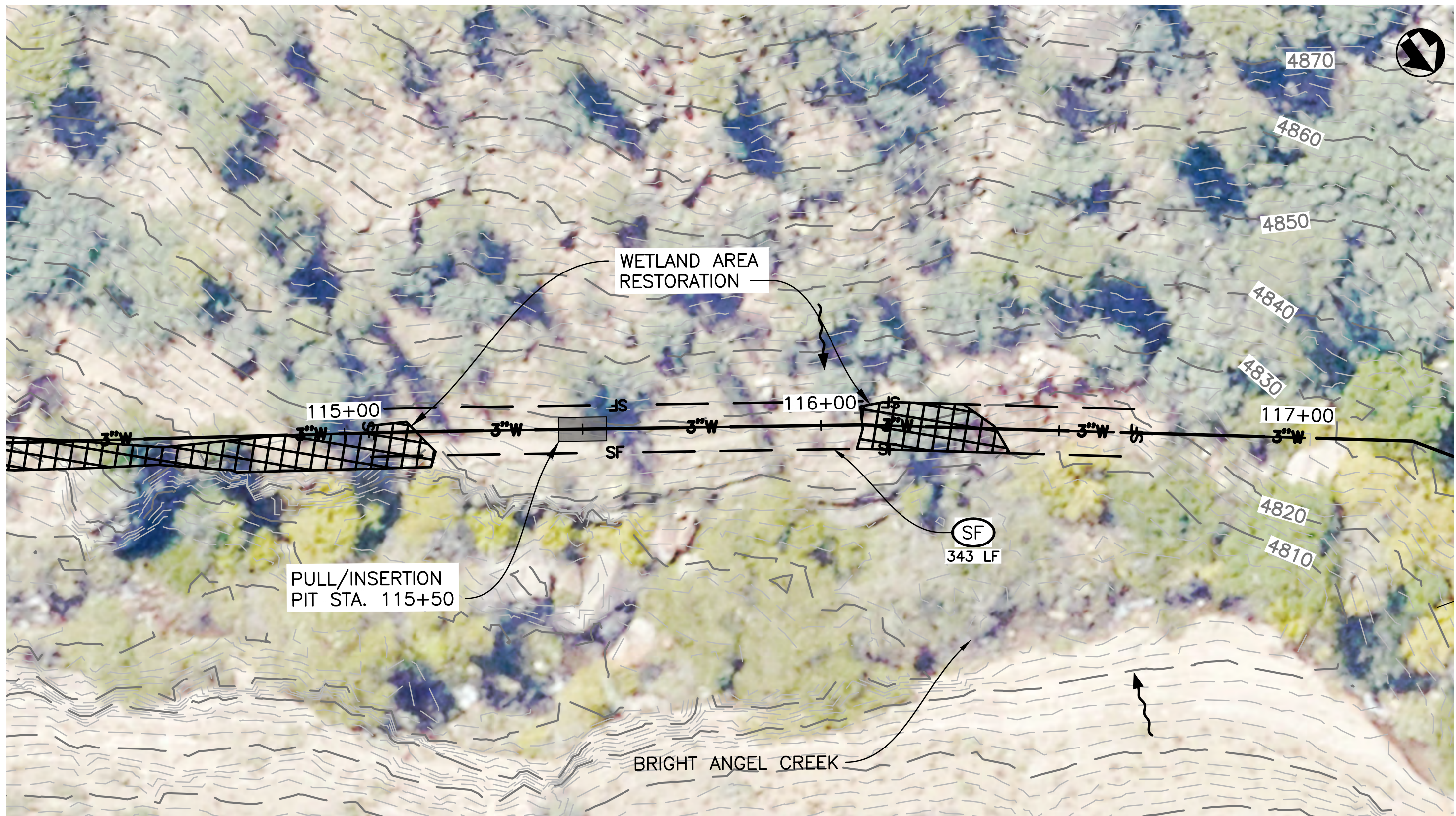
DESIGNED: N. HUMPHREY P. KOWALKE TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 05- C123	TITLE OF SHEET ROARING SPRINGS TO COTTONWOOD WATERLINE EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. _____ PMIS/PKG NO. 190083 SHEET ____ OF ____
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CUT-OUT LOCATION
STA. 109+00



CUT-OUT LOCATIONS
STA. 111+75 AND STA. 112+15



ROARING SPRINGS PUMP STATION
STA. 115+50

LEGEND

- SILT FENCE ——— SF ——— (SF) 1 00-C503
- TRENCH WIDTH ———
- RIPARIAN SEEDMIX ———



DESIGNED: N. HUMPHREY P. KOWALKE TECH. REVIEW: J. GLOVER DATE: 04/22/2022	SUB SHEET NO. 05- C124	TITLE OF SHEET ROARING SPRINGS TO COTTONWOOD WATERLINE EROSION CONTROL PLAN GRAND CANYON NATIONAL PARK	DRAWING NO. _____ PMIS/PKG NO. 190083 SHEET ____ OF _____
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