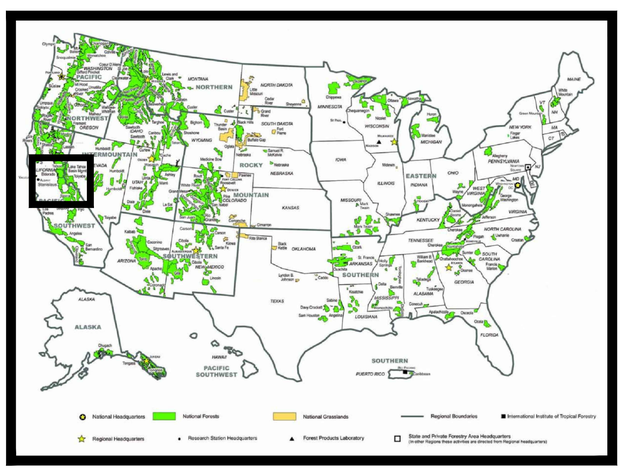
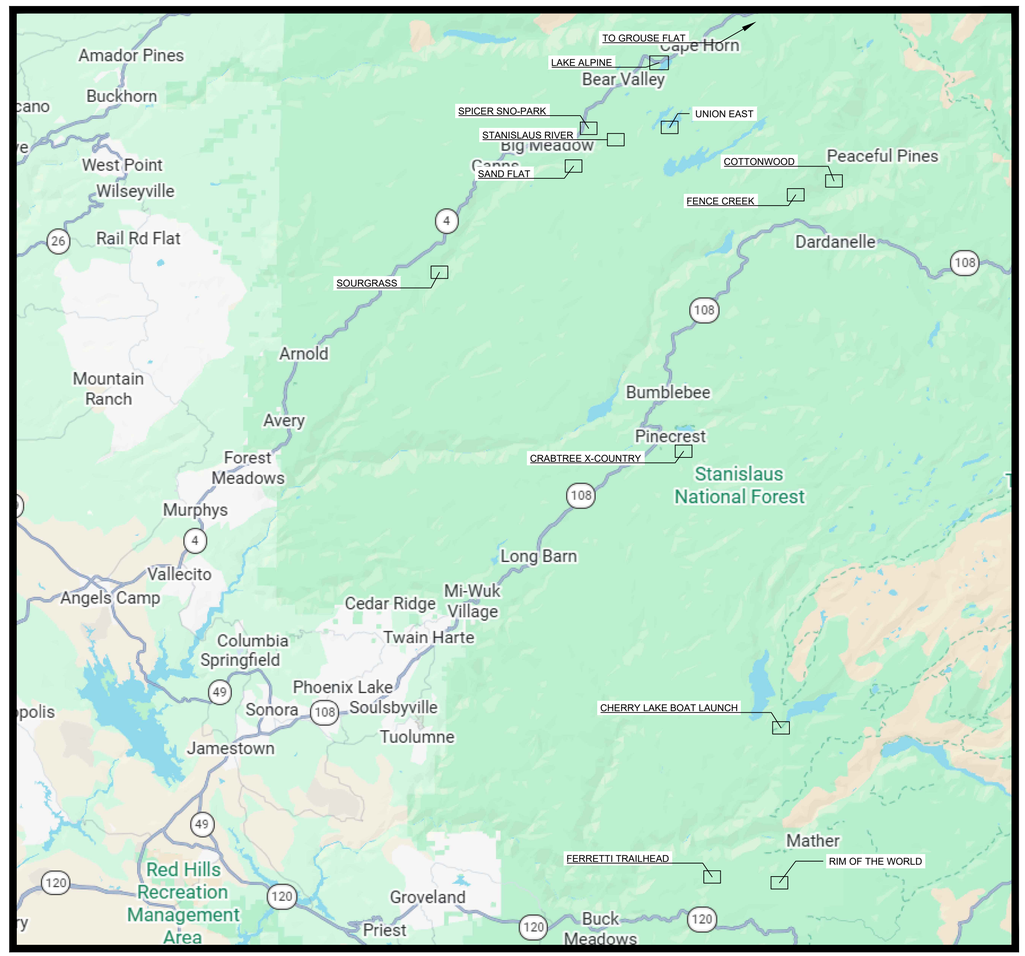
United States Department of Agriculture
Forest Service

CALIFORNIA
TUOLUMNE, CALAVERAS, AND ALPINE COUNTIES
(R05) PACIFIC SOUTHWEST REGION
STANISLAUS NATIONAL FOREST
CALAVERAS, GROVELAND, AND SUGAR PINE RANGER DISTRICTS

VAULT TOILET ACCESSIBILITY IMPROVMENTS



FOREST LOCATION MAP



PROJECT LOCATION MAP

INDEX OF SHEETS

SHEET	SHEET TITLE	DATE
G-01	COVERSHEET	5/12/26
G-02	NOTES AND QUANTITIES	5/12/26
C-01	LAKE ALPINE EAST SHORE	5/12/26
C-02	LAKE ALPINE WEST SHORE	5/12/26
C-03	CRABTREE X-COUNTRY TRAILHEAD	5/12/26
C-04	CHERRY LAKE BOAT RAMP	5/12/26
C-05	SOURGRASS DAY USE	5/12/26
C-06	UNION EAST CAMPGROUND	5/12/26
C-07	STANISLAUS RIVER CAMPGROUND	5/12/26
C-08	GROUSE FLAT CAMPGROUND	5/12/26
C-09	SAND FLAT CAMPGROUND	5/12/26
C-10	FENCE CREEK CAMPGROUND	5/12/26
C-11	RIM OF THE WORLD DAY USE	5/12/26
C-12	OPTIONAL ITEM: FERRETTI TRAILHEAD	5/12/26
C-13	OPTIONAL ITEM: SPICER SNO-PARK	5/12/26
C-14	OPTIONAL ITEM: COTTONWOOD DAY USE	5/12/26

RECOMMENDED BY:

KATHRYN BAKER — Digitally signed by KATHRYN BAKER Date: 2026.05.12 11:31:44 -07'00'
FOREST ENGINEER — DATE

ANDREW WELSH — Digitally signed by ANDREW WELSH Date: 2026.05.12 11:42:29 -07'00'
SUGAR PINE DISTRICT RANGER — DATE

DENNYSON HAYNES — Digitally signed by DENNYSON HAYNES Date: 2026.05.12 12:51:58 -07'00'
GROVELAND DISTRICT RANGER — DATE

RAYMOND CABLAYAN — Digitally signed by RAYMOND CABLAYAN Date: 2026.05.12 13:58:57 -07'00'
CALAVERAS DISTRICT RANGER — DATE

APPROVED:

BRIAN MC CRORY — Digitally signed by BRIAN MC CRORY Date: 2026.05.13 10:38:07 -07'00'
FOREST SUPERVISOR — DATE

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOX\SO-PS\ENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;

Schedule of Items		
Item	**Unit**	**Quantity**
Mobilization	Lump Sum	All
Lake Alpine East Shore - Chickaree, Backpackers', Pine Marten, Silver Valley		
Asphalt Paths	Lump Sum	All
Lake Alpine West Shore - Campground, Picnic Area, Boat Ramp		
Asphalt Paths	Lump Sum	All
Crabtree X-Country Trailhead		
Asphalt Path	Lump Sum	All
Cherry Lake Boat Ramp		
Asphalt Paths	Lump Sum	All
Sourgrass		
Concrete Vault Toilet Demolition	Each	1
Double Vault Toilet Installation	Each	1
Aggregate Path	Lump Sum	All
Union East		
Fiberglass Vault Toilet Demolition	Each	1
Double Vault Toilet Installation	Each	1
Aggregate Path	Lump Sum	All
Stanislaus River		
Fiberglass Vault Toilet Demolition	Each	2
Double Vault Toilet Installation	Each	2
Aggregate Path	Lump Sum	All
Grouse Flat		
Fiberglass Vault Toilet Demolition	Each	1
Sand Flat		
Single Vault Toilet Installation	Each	1
Fence Creek		
Wooden Vault Toilet Demolition	Each	4
Single Vault Toilet Installation	Each	3
Aggregate Paths	Lump Sum	All
Rim of the World		
Single Vault Toilet Removal*	Each	1
Double Vault Toilet Installation	Each	1
Asphalt Path	Lump Sum	All
Optional Items		
Ferretti Trailhead		
Single Vault Toilet Installation*	Each	1
Aggregate Path	Lump Sum	All
Spicer Snow Park		
Double Vault Toilet Installation	Each	1
Asphalt Path	Lump Sum	All
Cottonwood Day Use		
Fiberglass Vault Toilet Demolition	Each	1
Single Vault Toilet Installation	Each	1

*Denotes toilet building to be removed from Rim of the World, staged at Groveland Ranger Station for installation at Ferretti Trailhead

GENERAL NOTES:

1. CONTRACTOR SHALL FURNISH AND MAINTAIN PORTABLE TOILETS AT EACH SITE FOR PUBLIC USE FROM START OF DEMOLITION UNTIL FINAL ACCEPTANCE OF TOILET AND ALL SITE WORK. THE NUMBER OF PORTABLE TOILETS SHALL BE EQUAL TO THE NUMBER OF INDIVIDUAL TOILET STALLS PROPOSED TO BE INSTALLED UNLESS OTHERWISE APPROVED. FOR LOCATIONS WITH SITE WORK ONLY (NO TOILET REPLACEMENT) NO PORTABLE TOILETS WILL BE REQUIRED IF AT LEAST ONE TOILET WITHIN THE CAMPGROUND OR DAY USE AREA IS AVAILABLE AND OPEN TO THE PUBLIC.
2. THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE IN ACCORDANCE WITH THE CONTRACT 30 DAYS PRIOR TO THE START OF WORK, INCLUDING PROPOSED DATES OF DEMOLITION AND INSTALLATION FOR EACH SITE.
3. REQUIRED WORK NOT SPECIFIED IN THE SCHEDULE OF ITEMS SHALL BE CONSIDERED SUBSIDIARY TO OTHER PAY ITEMS.
4. BEFORE BEGINNING EXCAVATION ACTIVITIES, THE CONTRACTOR SHALL CONTACT A SERVICE TO LOCATE ANY BURIED UTILITIES. USA = 1-800-642-2444, THE NATIONAL 811 NUMBER, OR THE WEBSITE HTTP://WWW.USANORTH811.ORG/. DO NOT BEGIN GROUND DISTURBING WORK UNTIL THE FOREST SERVICE HAS CONFIRMED THE PRESENCE AND/OR LOCATION OF FOREST SERVICE UTILITIES. FOREST SERVICE UTILITY LOCATIONS ARE APPROXIMATE -- CONTRACTOR TO POTHOLE AND VERIFY PRIOR TO CONSTRUCTION.
5. ALL WORK SHALL BE IN COMPLIANCE WITH THE BEST MANAGEMENT PRACTICES DESCRIBED IN THE REGION 5 FOREST SERVICE SOIL AND WATER CONSERVATION HANDBOOK, DATED DECEMBER 2011, AND THE NATIONAL BEST MANAGEMENT PRACTICES FOR WATER QUALITY MANAGEMENT ON NATIONAL FOREST SYSTEM LANDS, DATED APRIL 2012.
6. ANY FOREST SERVICE ROADS OR INFRASTRUCTURE DAMAGED BY CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED BY CONTRACTOR. ANY DISTURBANCE, SUCH AS BORROW SITES AND STAGING AREAS, SHALL BE RESTORED. AT MINIMUM, COMPACTED AREAS SHALL BE DECOMPACTED TO A 12" DEPTH, SHAPED TO DRAIN, AND COVERED WITH SLASH OR EROSION CONTROL MATTING OR OTHER SIMILAR EROSION CONTROL.
7. BORROW SOURCES, WATER SOURCES AND STAGING AREAS, IF NEEDED, WILL BE DESIGNATED BY THE FOREST SERVICE DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE CO 15 DAYS IN ADVANCE OF PROPOSED USE.
8. PROVIDE COPIES OF WEIGHT TICKETS FOR MATERIAL DELIVERED TO THE SITE FROM COMMERCIAL SOURCES. ALL IMPORTED MATERIAL SHALL BE CERTIFIED WEED AND ASBESTOS FREE.
9. ALL EQUIPMENT SHALL ARRIVE ON SITE WASHED AND FREE OF ALL VISIBLE SOIL, DEBRIS, AND ORGANIC MATTER. ALL EQUIPMENT MUST BE INSPECTED AND APPROVED BY THE COR PRIOR TO UNLOADING ON THE PROJECT SITE.

WORK NOTES:

1. WORK SHALL NOT BE PERFORMED AT THE FOLLOWING SITES WITHIN THE PROJECT BETWEEN MEMORIAL DAY AND LABOR DAY:
   - 1.1. LAKE ALPINE EAST SHORE
   - 1.2. LAKE ALPINE WEST SHORE
   - 1.3. RIM OF THE WORLD
2. AGGREGATE PATHS SHALL BE A MINIMUM OF 4" LAYER OF COMPACTED AGGREGATE BASE PER THE SPECIFICATIONS. ASPHALT PATHS SHALL BE A MINIMUM OF 3" DPETH OF ASPHALT PAVING OVER 4" LAYER OF COMPACTED AGGREGATE BASE PER SPECIFICATIONS.
3. ALL PATHWAYS SHALL BE CONSTRUCTED WITH GRADE AND GEOMETRY COMPLIANT WITH THE FOREST SERVICE OUTDOOR RECREATION ACCESSIBILITY GUIDELINES (FSORAG), 2013 EDITION.
4. LAYOUTS SHOWN ARE APPROXIMATE. LOCATIONS OF APRONS, PATHS, BUILDING, AND NEW TOILET FINISHED FLOOR GRADE CONTROL SHALL BE MARKED BY COR WITHIN 10 BUSINESS DAYS OF REQUEST BY CONTRACTOR.

United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

FORESTWIDE

DRAWING TITLE

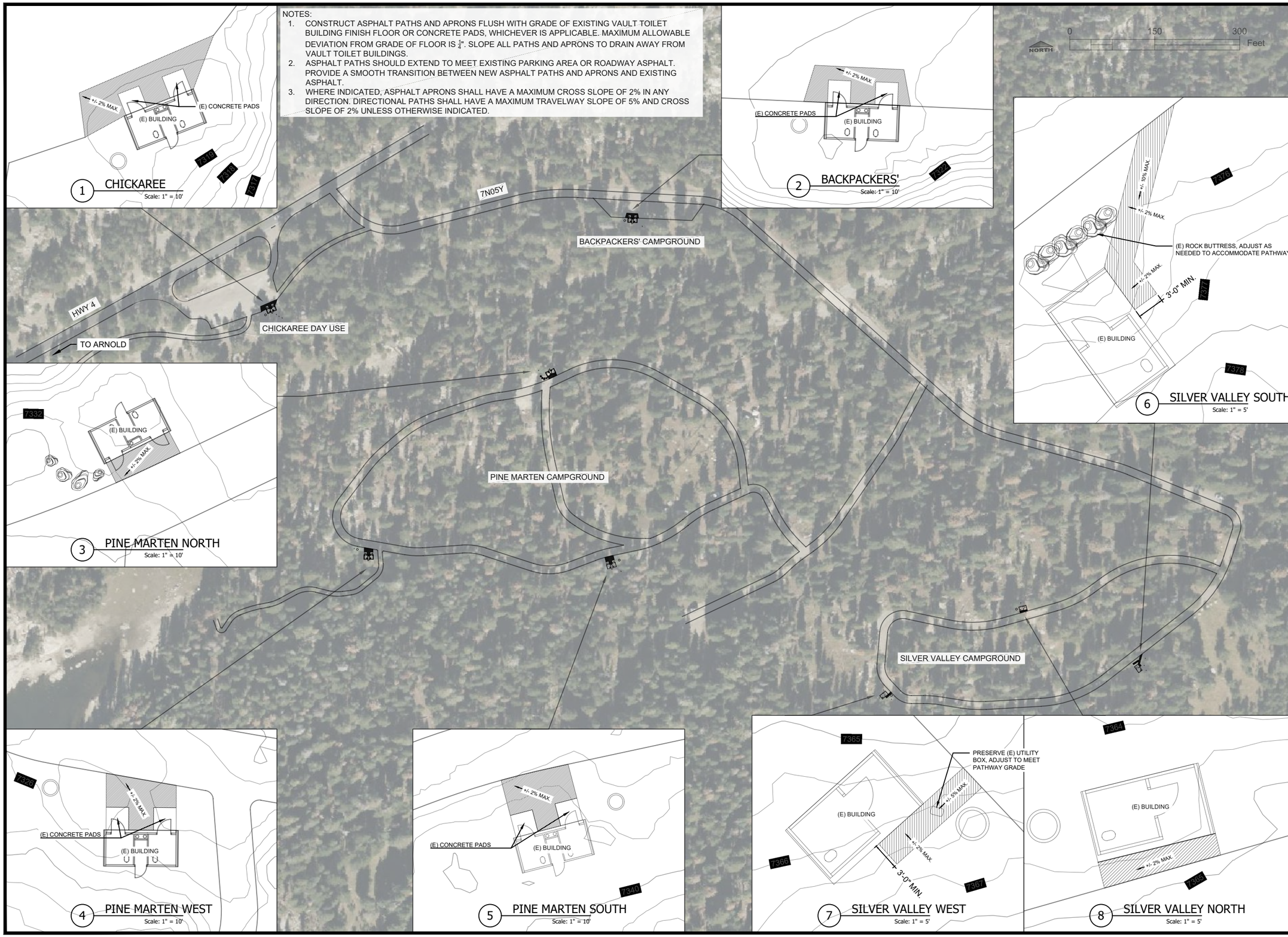
NOTES & QUANTITIES

DATE 5/12/2026
ARCHIVE NO.
DESIGNER K.BAKER
DRAWN K.BAKER
CHECKED K.DELISSER
PROJECT NO.
DRAWING SHEET NO. **G-02**
SHEET 2 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOX\SO-PSENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;

NOTES:

1. CONSTRUCT ASPHALT PATHS AND APRONS FLUSH WITH GRADE OF EXISTING VAULT TOILET BUILDING FINISH FLOOR OR CONCRETE PADS, WHICHEVER IS APPLICABLE. MAXIMUM ALLOWABLE DEVIATION FROM GRADE OF FLOOR IS $\frac{1}{4}$". SLOPE ALL PATHS AND APRONS TO DRAIN AWAY FROM VAULT TOILET BUILDINGS.
2. ASPHALT PATHS SHOULD EXTEND TO MEET EXISTING PARKING AREA OR ROADWAY ASPHALT. PROVIDE A SMOOTH TRANSITION BETWEEN NEW ASPHALT PATHS AND APRONS AND EXISTING ASPHALT.
3. WHERE INDICATED, ASPHALT APRONS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% IN ANY DIRECTION. DIRECTIONAL PATHS SHALL HAVE A MAXIMUM TRAVELWAY SLOPE OF 5% AND CROSS SLOPE OF 2% UNLESS OTHERWISE INDICATED.



United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

FORESTWIDE

DRAWING TITLE

LAKE ALPINE EAST SHORE

DATE 5/12/2026	ARCHIVE NO.
DESIGNER K.BAKER	DRAWING SHEET NO. C-01
DRAWN K.BAKER	
CHECKED K.DELISSER	
PROJECT NO.	SHEET 3 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOXSO-PS\ENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;

NOTES:

1. CONSTRUCT ASPHALT PATHS AND APRONS FLUSH WITH GRADE OF EXISTING VAULT TOILET BUILDING FINISH FLOOR OR CONCRETE PADS, WHICHEVER IS APPLICABLE. MAXIMUM ALLOWABLE DEVIATION FROM GRADE OF FLOOR IS $\frac{1}{4}$". SLOPE ALL PATHS AND APRONS TO DRAIN AWAY FROM VAULT TOILET BUILDINGS.
2. ASPHALT PATHS SHOULD EXTEND TO MEET EXISTING PARKING AREA OR ROADWAY ASPHALT. PROVIDE A SMOOTH TRANSITION BETWEEN NEW ASPHALT PATHS AND APRONS AND EXISTING ASPHALT.
3. WHERE INDICATED, ASPHALT APRONS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% IN ANY DIRECTION. DIRECTIONAL PATHS SHALL HAVE A MAXIMUM TRAVELWAY SLOPE OF 5% AND CROSS SLOPE OF 2% UNLESS OTHERWISE INDICATED.

© 2025 Microsoft

United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

FORESTWIDE

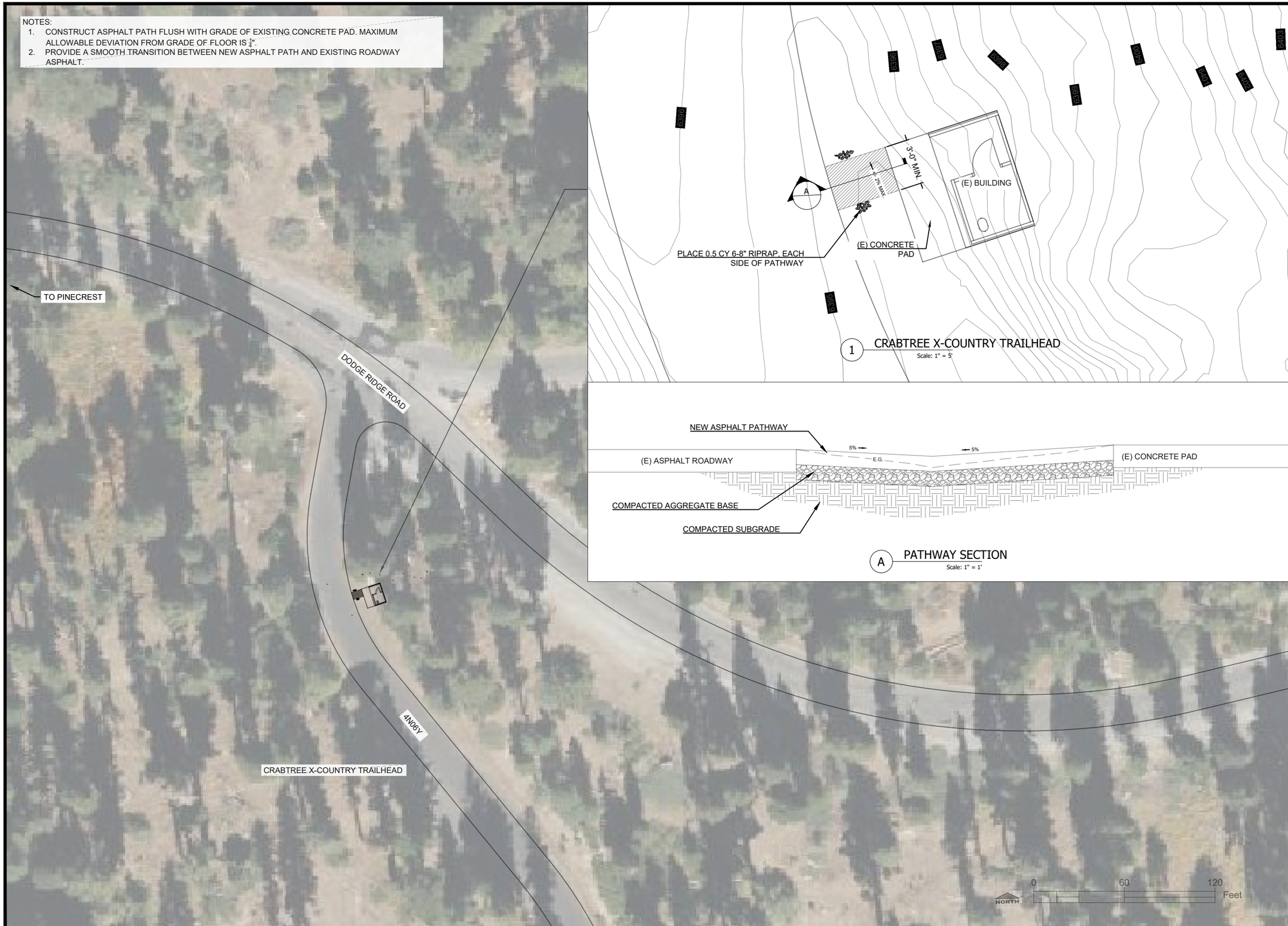
DRAWING TITLE

LAKE ALPINE WEST SHORE

DATE 5/12/2026	ARCHIVE NO.
DESIGNER K.BAKER	DRAWING SHEET NO. C-02
DRAWN K.BAKER	
CHECKED K.DELISSER	
PROJECT NO.	SHEET 4 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOXSO-PS\ENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;

NOTES:
1. CONSTRUCT ASPHALT PATH FLUSH WITH GRADE OF EXISTING CONCRETE PAD. MAXIMUM ALLOWABLE DEVIATION FROM GRADE OF FLOOR IS $\frac{1}{4}$".
2. PROVIDE A SMOOTH TRANSITION BETWEEN NEW ASPHALT PATH AND EXISTING ROADWAY ASPHALT.



United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

FORESTWIDE

DRAWING TITLE

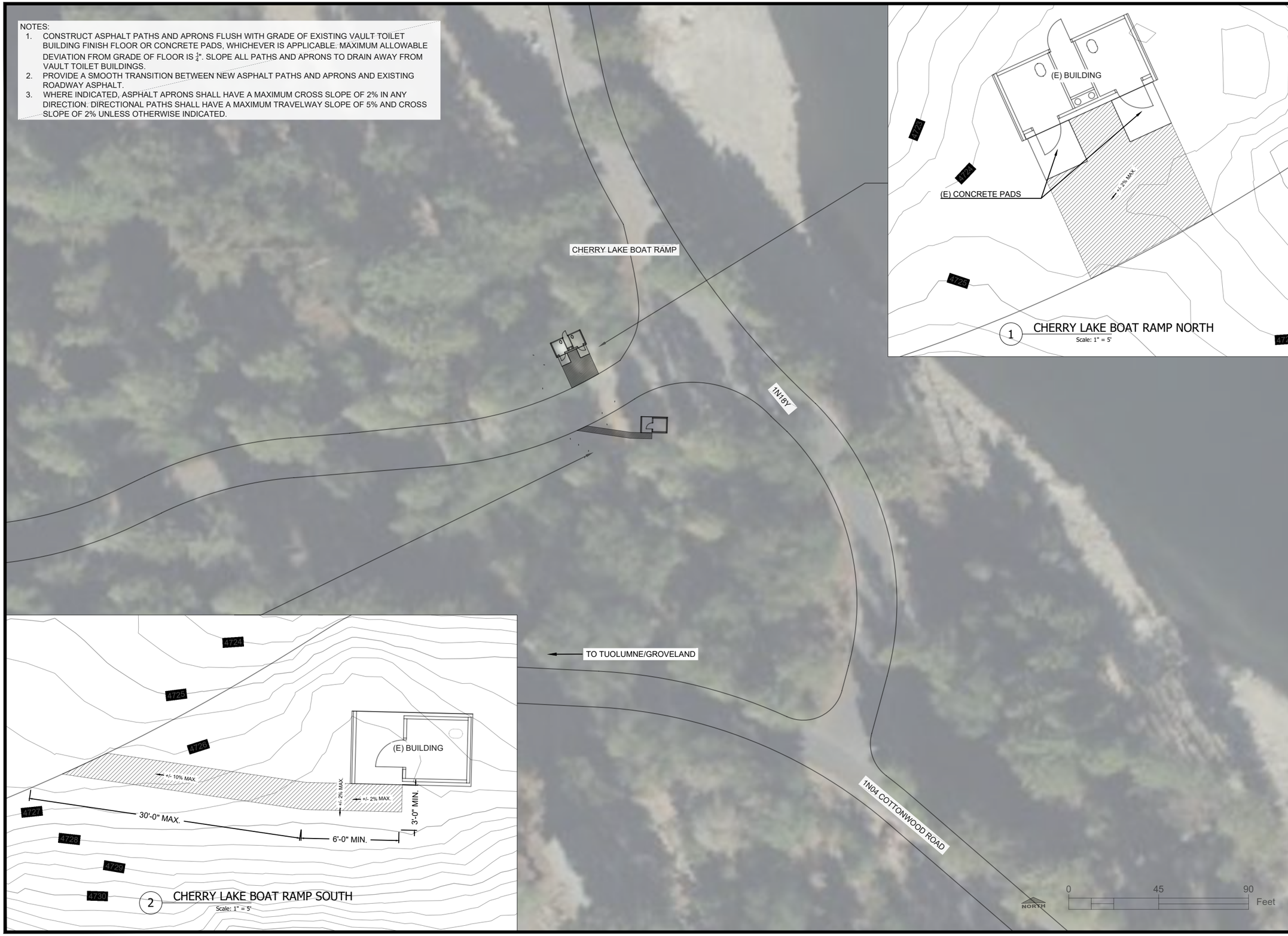
CRABTREE X-COUNTRY

DATE 5/12/2026	ARCHIVE NO.
DESIGNER K.BAKER	DRAWING SHEET NO. C-03
DRAWN K.BAKER	
CHECKED K.DELISSER	
PROJECT NO.	SHEET 5 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOX\SO-PSENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;

NOTES:

1. CONSTRUCT ASPHALT PATHS AND APRONS FLUSH WITH GRADE OF EXISTING VAULT TOILET BUILDING FINISH FLOOR OR CONCRETE PADS, WHICHEVER IS APPLICABLE. MAXIMUM ALLOWABLE DEVIATION FROM GRADE OF FLOOR IS $\frac{1}{4}$". SLOPE ALL PATHS AND APRONS TO DRAIN AWAY FROM VAULT TOILET BUILDINGS.
2. PROVIDE A SMOOTH TRANSITION BETWEEN NEW ASPHALT PATHS AND APRONS AND EXISTING ROADWAY ASPHALT.
3. WHERE INDICATED, ASPHALT APRONS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% IN ANY DIRECTION. DIRECTIONAL PATHS SHALL HAVE A MAXIMUM TRAVELWAY SLOPE OF 5% AND CROSS SLOPE OF 2% UNLESS OTHERWISE INDICATED.



USDA FOREST SERVICE

United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

FORESTWIDE

DRAWING TITLE

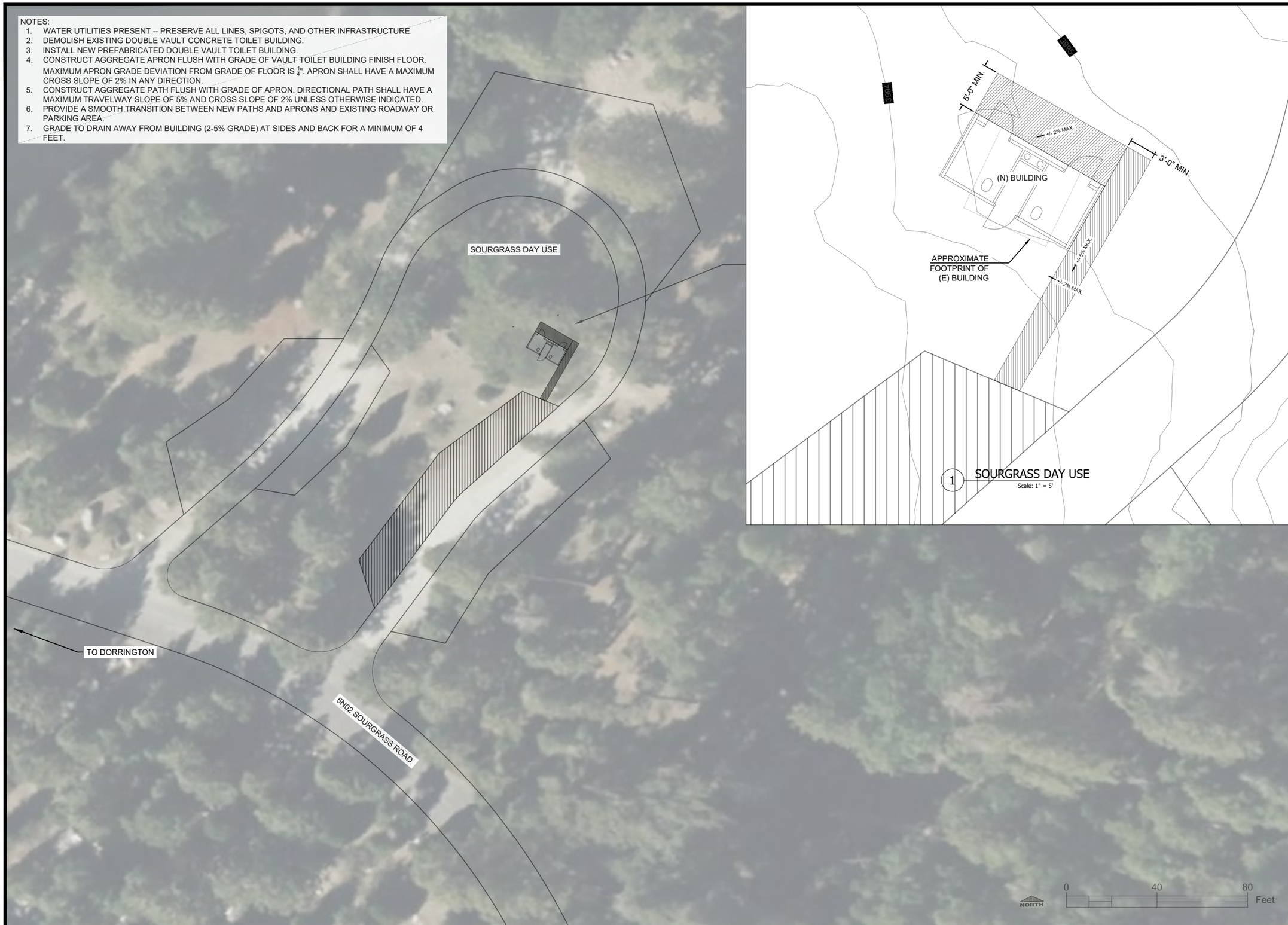
CHERRY LAKE BOAT RAMP

DATE 5/12/2026	ARCHIVE NO.
DESIGNER K.BAKER	DRAWING SHEET NO. C-04
DRAWN K.BAKER	
CHECKED K.DELISSER	
PROJECT NO.	SHEET 6 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOXSO-PSENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;

NOTES:

1. WATER UTILITIES PRESENT -- PRESERVE ALL LINES, SPIGOTS, AND OTHER INFRASTRUCTURE.
2. DEMOLISH EXISTING DOUBLE VAULT CONCRETE TOILET BUILDING.
3. INSTALL NEW PREFABRICATED DOUBLE VAULT TOILET BUILDING.
4. CONSTRUCT AGGREGATE APRON FLUSH WITH GRADE OF VAULT TOILET BUILDING FINISH FLOOR. MAXIMUM APRON GRADE DEVIATION FROM GRADE OF FLOOR IS $\frac{1}{4}$". APRON SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% IN ANY DIRECTION.
5. CONSTRUCT AGGREGATE PATH FLUSH WITH GRADE OF APRON. DIRECTIONAL PATH SHALL HAVE A MAXIMUM TRAVELWAY SLOPE OF 5% AND CROSS SLOPE OF 2% UNLESS OTHERWISE INDICATED.
6. PROVIDE A SMOOTH TRANSITION BETWEEN NEW PATHS AND APRONS AND EXISTING ROADWAY OR PARKING AREA.
7. GRADE TO DRAIN AWAY FROM BUILDING (2-5% GRADE) AT SIDES AND BACK FOR A MINIMUM OF 4 FEET.



USDA

United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

FORESTWIDE

DRAWING TITLE

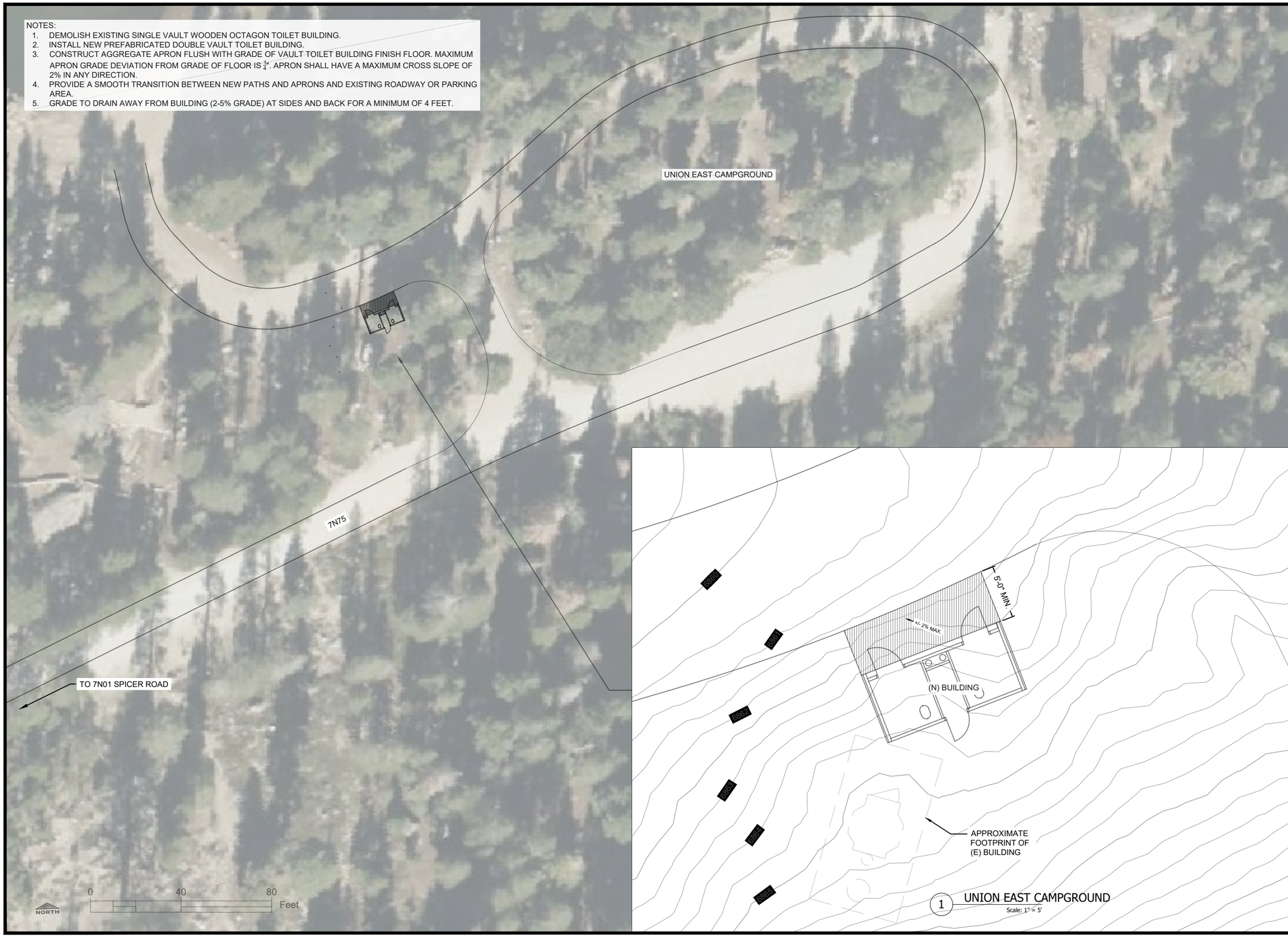
SOURGRASS DAY USE

DATE 5/12/2026	ARCHIVE NO.
DESIGNER K.BAKER	DRAWING SHEET NO. C-05
DRAWN K.BAKER	
CHECKED K.DELISSER	
PROJECT NO.	SHEET 7 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOX\SO-PSENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;

NOTES:

1. DEMOLISH EXISTING SINGLE VAULT WOODEN OCTAGON TOILET BUILDING.
2. INSTALL NEW PREFABRICATED DOUBLE VAULT TOILET BUILDING.
3. CONSTRUCT AGGREGATE APRON FLUSH WITH GRADE OF VAULT TOILET BUILDING FINISH FLOOR. MAXIMUM APRON GRADE DEVIATION FROM GRADE OF FLOOR IS $\frac{1}{4}$". APRON SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% IN ANY DIRECTION.
4. PROVIDE A SMOOTH TRANSITION BETWEEN NEW PATHS AND APRONS AND EXISTING ROADWAY OR PARKING AREA.
5. GRADE TO DRAIN AWAY FROM BUILDING (2-5% GRADE) AT SIDES AND BACK FOR A MINIMUM OF 4 FEET.



United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

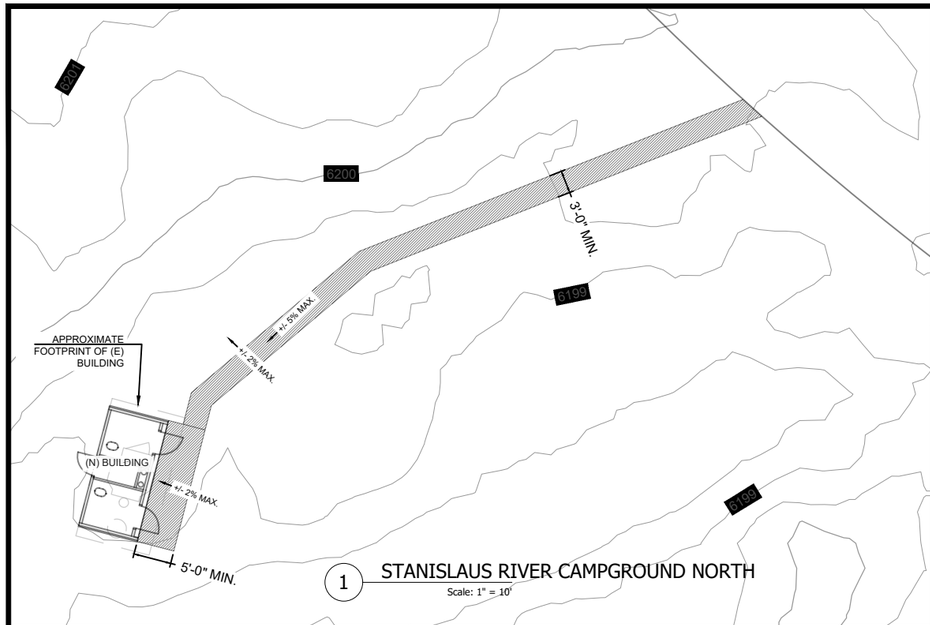
FORESTWIDE

DRAWING TITLE

UNION EAST CAMPGROUND

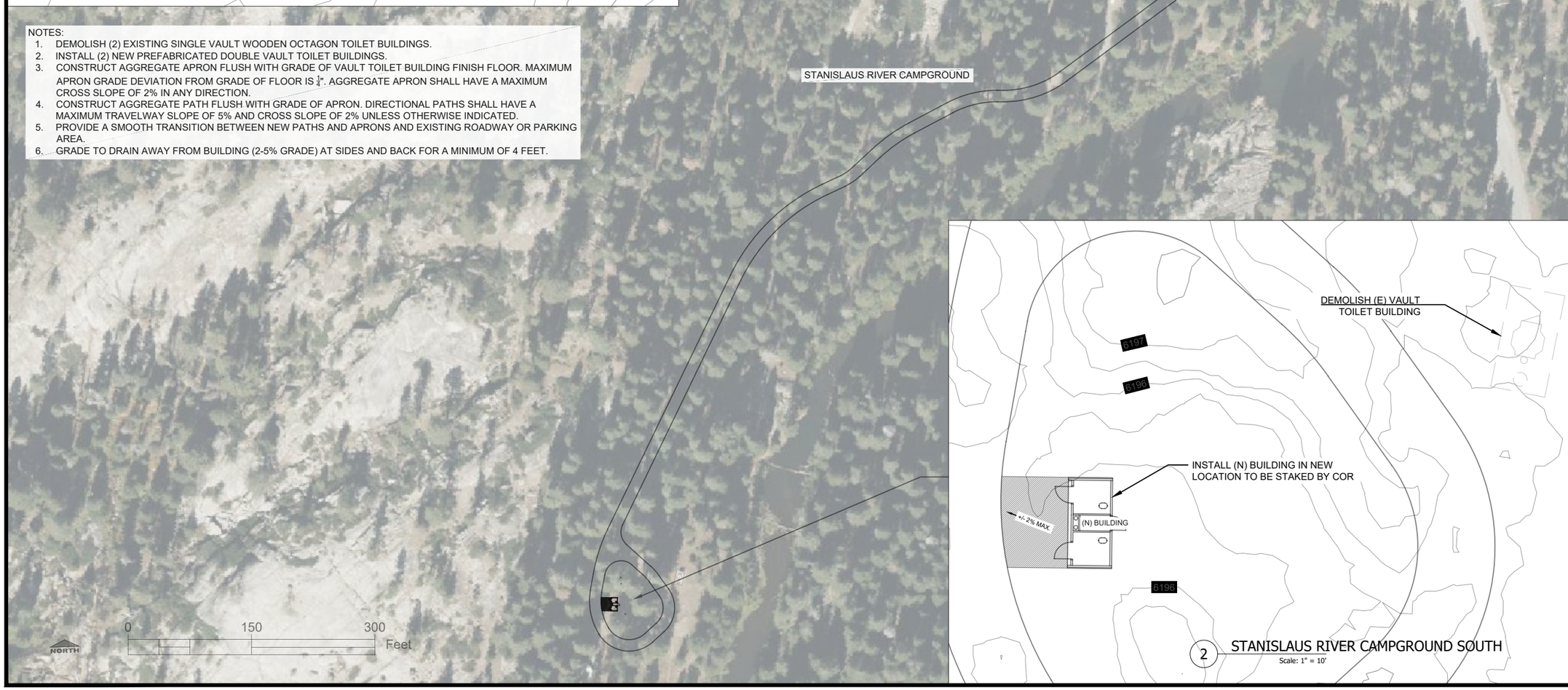
DATE 5/12/2026	ARCHIVE NO.
DESIGNER K.BAKER	DRAWING SHEET NO. C-06
DRAWN K.BAKER	
CHECKED K.DELISSER	
PROJECT NO.	SHEET 8 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOX\SO-PS\ENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;



1 STANISLAUS RIVER CAMPGROUND NORTH
Scale: 1" = 10'

NOTES:
1. DEMOLISH (2) EXISTING SINGLE VAULT WOODEN OCTAGON TOILET BUILDINGS.
2. INSTALL (2) NEW PREFABRICATED DOUBLE VAULT TOILET BUILDINGS.
3. CONSTRUCT AGGREGATE APRON FLUSH WITH GRADE OF VAULT TOILET BUILDING FINISH FLOOR. MAXIMUM APRON GRADE DEVIATION FROM GRADE OF FLOOR IS $\frac{1}{4}$". AGGREGATE APRON SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% IN ANY DIRECTION.
4. CONSTRUCT AGGREGATE PATH FLUSH WITH GRADE OF APRON. DIRECTIONAL PATHS SHALL HAVE A MAXIMUM TRAVELWAY SLOPE OF 5% AND CROSS SLOPE OF 2% UNLESS OTHERWISE INDICATED.
5. PROVIDE A SMOOTH TRANSITION BETWEEN NEW PATHS AND APRONS AND EXISTING ROADWAY OR PARKING AREA.
6. GRADE TO DRAIN AWAY FROM BUILDING (2-5% GRADE) AT SIDES AND BACK FOR A MINIMUM OF 4 FEET.



2 STANISLAUS RIVER CAMPGROUND SOUTH
Scale: 1" = 10'

United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

FORESTWIDE

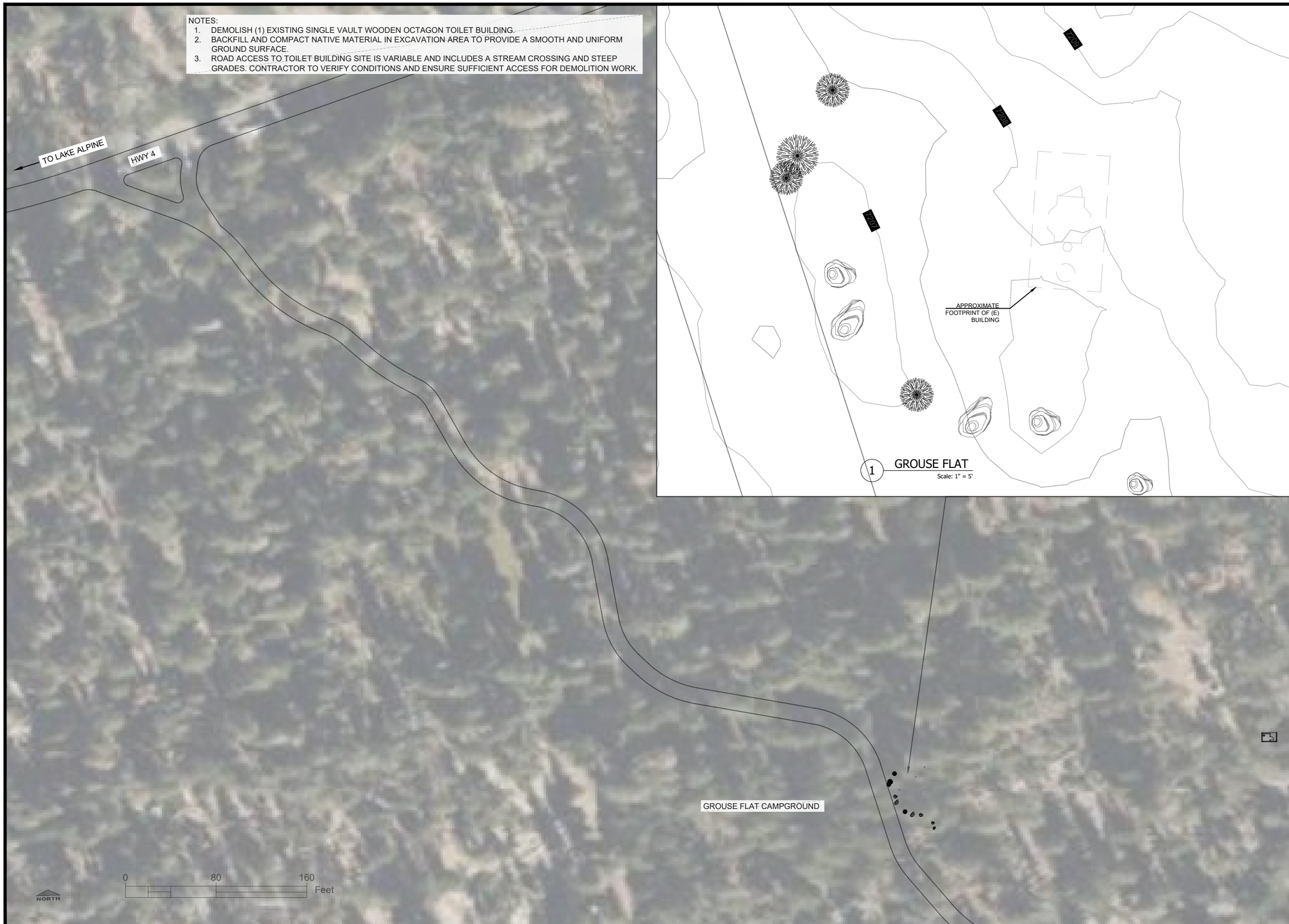
DRAWING TITLE

STANISLAUS RIVER CAMPGROUND

DATE 5/12/2026	ARCHIVE NO.
DESIGNER K.BAKER	DRAWING SHEET NO. C-07
DRAWN K.BAKER	
CHECKED K.DELISSER	
PROJECT NO.	SHEET 9 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOXISC-PS\ENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;

NOTES:
1. DEMOLISH (1) EXISTING SINGLE VAULT WOODEN OCTAGON TOILET BUILDING.
2. BACKFILL AND COMPACT NATIVE MATERIAL IN EXCAVATION AREA TO PROVIDE A SMOOTH AND UNIFORM GROUND SURFACE.
3. ROAD ACCESS TO TOILET BUILDING SITE IS VARIABLE AND INCLUDES A STREAM CROSSING AND STEEP GRADES. CONTRACTOR TO VERIFY CONDITIONS AND ENSURE SUFFICIENT ACCESS FOR DEMOLITION WORK.



USDA FOREST SERVICE

United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

FORESTWIDE

DRAWING TITLE

GROUSE FLAT CAMPGROUND

DATE 5/12/2026	ARCHIVE NO.
DESIGNER K.BAKER	DRAWING SHEET NO. C-08
DRAWN K.BAKER	
CHECKED K.DELISSER	
PROJECT NO.	SHEET 10 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOX\SO-PS\ENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;

NOTES:
1. INSTALL (1) NEW PREFABRICATED SINGLE VAULT TOILET BUILDING.
2. GRADE TO DRAIN AWAY FROM BUILDING (2-5%) ON ALL SIDES FOR A MINIMUM OF 4 FEET.
3. ROAD ACCESS TO TOILET BUILDING SITE IS VARIABLE AND INCLUDES NARROW ROADWAY AND STEEP GRADES. CONTRACTOR TO VERIFY CONDITIONS AND ENSURE SUFFICIENT ACCESS FOR TOILET INSTALLATION WORK.

United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

FORESTWIDE

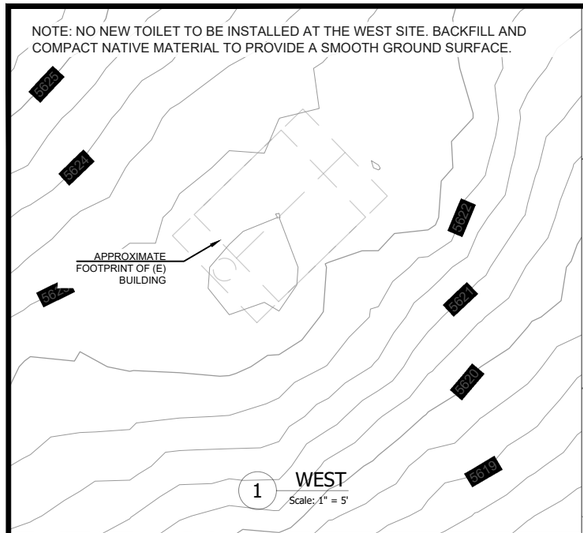
DRAWING TITLE

SAND FLAT CAMPGROUND

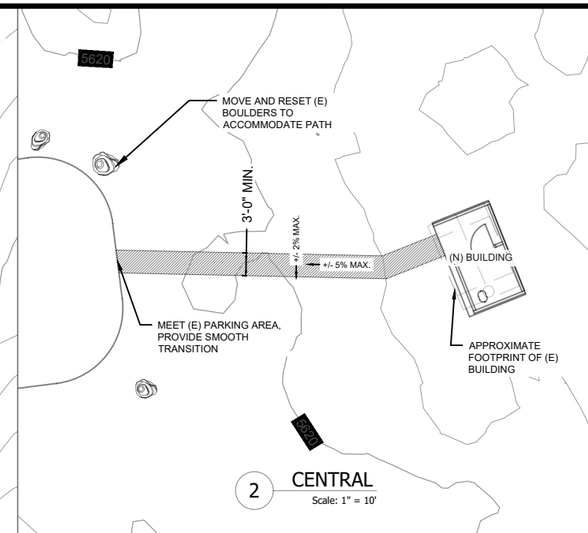
DATE 5/12/2026
ARCHIVE NO.
DESIGNER K.BAKER
DRAWN K.BAKER
CHECKED K.DELISSER
PROJECT NO.
DRAWING SHEET NO. C-09
SHEET 11 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOX\SO-PSENGINEERINGFY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;

NOTE: NO NEW TOILET TO BE INSTALLED AT THE WEST SITE. BACKFILL AND COMPACT NATIVE MATERIAL TO PROVIDE A SMOOTH GROUND SURFACE.



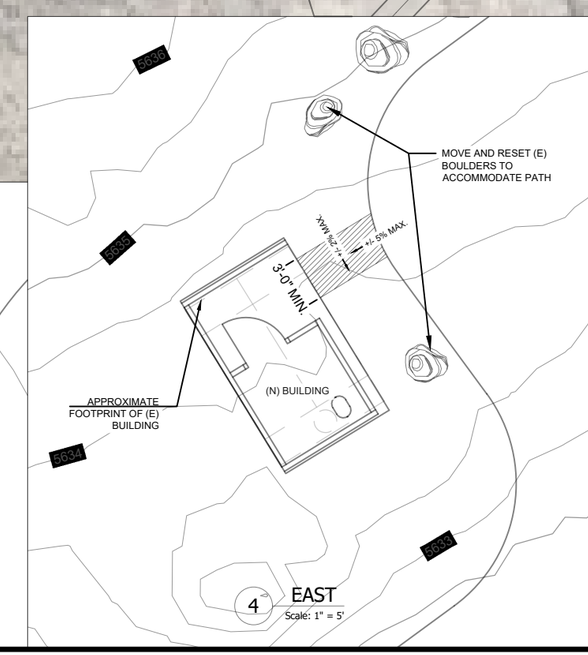
1 WEST
Scale: 1" = 5'



2 CENTRAL
Scale: 1" = 10'

NOTES:
1. DEMOLISH (4) EXISTING SINGLE VAULT WOODEN TOILET BUILDINGS.
2. INSTALL (3) NEW PREFABRICATED SINGLE VAULT TOILET BUILDING.
3. CONSTRUCT AGGREGATE PATHS FLUSH WITH GRADE OF VAULT TOILET BUILDING FINISH FLOORS. MAXIMUM PATH GRADE DEVIATION FROM GRADE OF FLOOR IS $\frac{1}{4}$". DIRECTIONAL PATHS SHALL HAVE A MAXIMUM TRAVELWAY SLOPE OF 5% AND CROSS SLOPE OF 2% UNLESS OTHERWISE INDICATED.
4. PROVIDE A SMOOTH TRANSITION BETWEEN NEW PATHS AND APRONS AND EXISTING ROADWAY OR PARKING AREA.
5. GRADE TO DRAIN AWAY FROM BUILDING (2-5% GRADE) AT SIDES AND BACK FOR A MINIMUM OF 4 FEET.

3 SOUTH
Scale: 1" = 5'



4 EAST
Scale: 1" = 5'

United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

FORESTWIDE

DRAWING TITLE

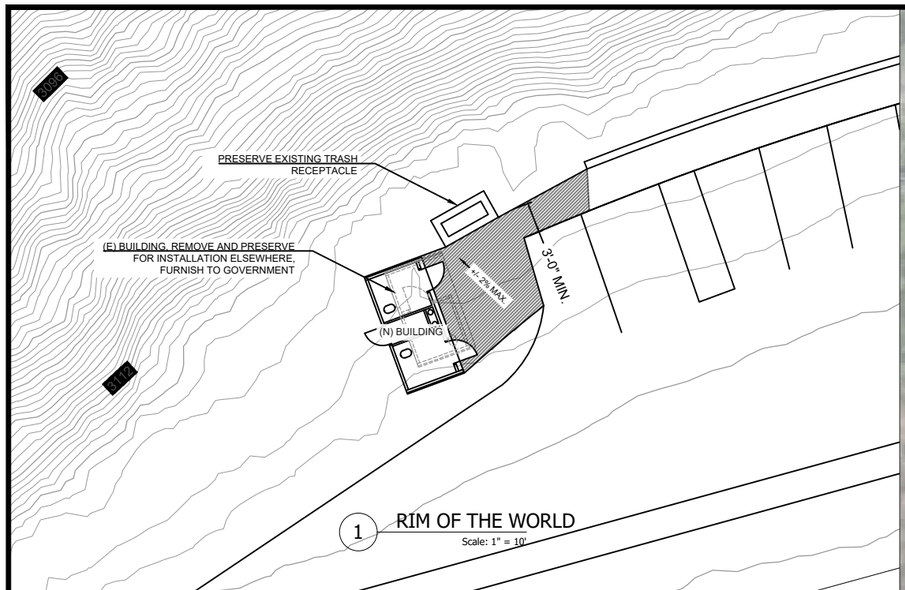
FENCE CREEK CAMPGROUND

DATE 5/12/2026	ARCHIVE NO.
DESIGNER K.BAKER	DRAWING SHEET NO. C-10
DRAWN K.BAKER	
CHECKED K.DELISSER	
PROJECT NO.	SHEET 12 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOXSO-PSENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;

NOTES:

1. REMOVE EXISTING SINGLE VAULT CONCRETE TOILET BUILDING, PRESERVE FOR INSTALLATION AT FERRETTI SITE. IF NECESSARY, STAGE REMOVED BUILDING AT DESIGNATED LOCATION IN THE GROVELAND RANGER STATION COMPOUND.
2. INSTALL NEW PREFABRICATED DOUBLE VAULT TOILET BUILDING.
3. CONSTRUCT ASPHALT APRON FLUSH WITH GRADE OF VAULT TOILET BUILDING FINISH FLOOR. MAXIMUM APRON GRADE DEVIATION FROM GRADE OF FLOOR IS $\frac{1}{4}$". ASPHALT APRON SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% IN ANY DIRECTION.
4. ASPHALT PATH SHOULD EXTEND TO MEET EXISTING PARKING AREA AND PATHWAY. PROVIDE A SMOOTH TRANSITION BETWEEN NEW ASPHALT PATHS AND APRONS AND EXISTING FEATURES.
5. GRADE TO DRAIN AWAY FROM BUILDING (2-5% GRADE) AT SIDES AND BACK FOR A MINIMUM OF 4 FEET.



1 RIM OF THE WORLD
Scale: 1" = 10'

United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

FORESTWIDE

DRAWING TITLE

RIM OF THE WORLD DAY USE

DATE 5/12/2026	ARCHIVE NO.
DESIGNER K.BAKER	DRAWING SHEET NO. C-11
DRAWN K.BAKER	
CHECKED K.DELISSER	
PROJECT NO.	SHEET 13 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOX\SO-PSENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;

1 FERRETTI TRAILHEAD
Scale: 1" = 5'

NOTES:
1. INSTALL RELOCATED PREFABRICATED SINGLE VAULT TOILET BUILDING FROM RIM OF THE WORLD.
2. CONSTRUCT AGGREGATE APRON FLUSH WITH GRADE OF VAULT TOILET BUILDING FINISH FLOOR. MAXIMUM APRON GRADE DEVIATION FROM GRADE OF FLOOR IS ¼". APRON SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% IN ANY DIRECTION.
3. PROVIDE A SMOOTH TRANSITION BETWEEN NEW APRON AND EXISTING ROADWAY.
4. GRADE TO DRAIN AWAY FROM BUILDING (2-5% GRADE) AT SIDES AND BACK FOR A MINIMUM OF 4 FEET.

United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

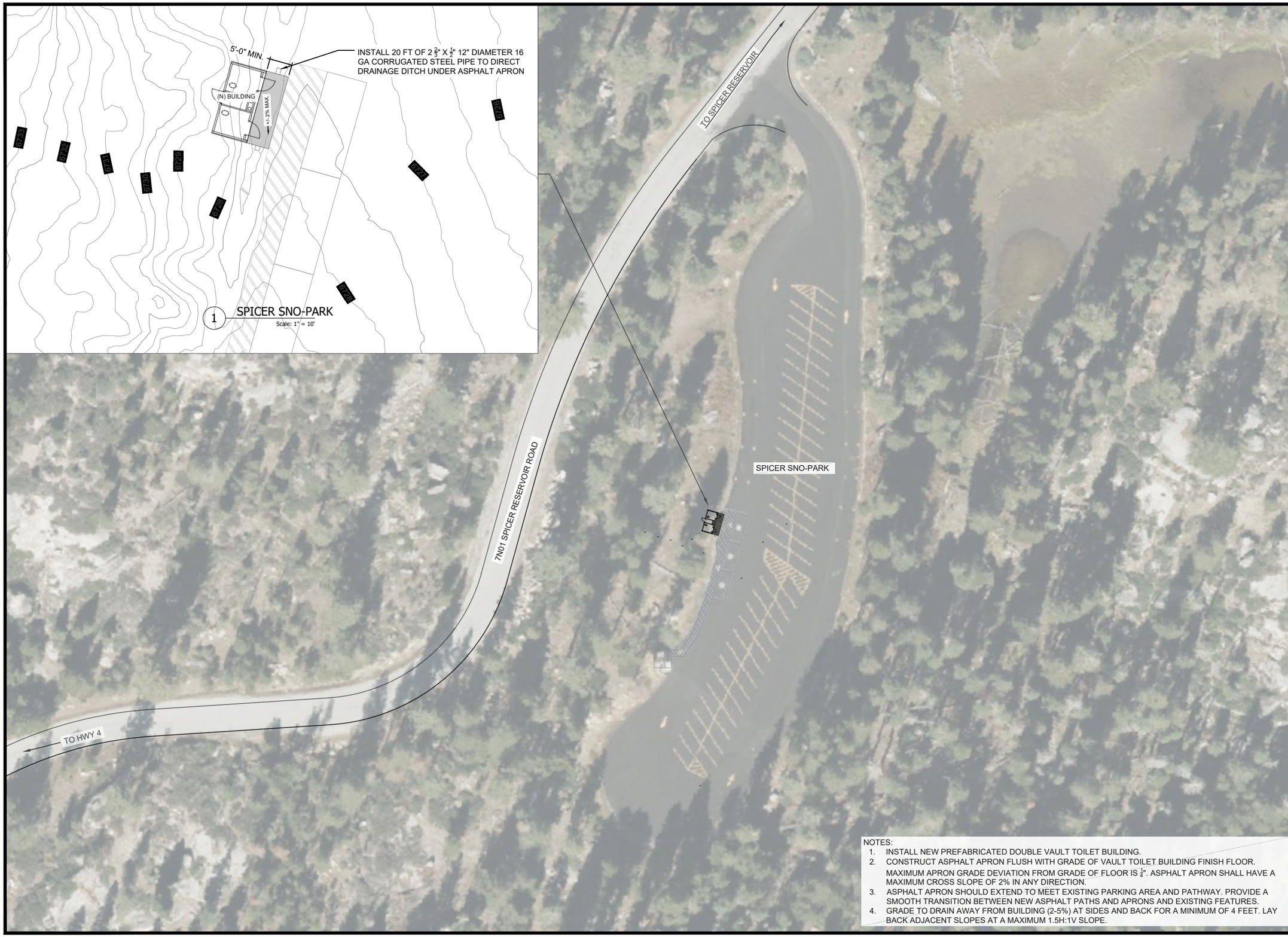
FORESTWIDE

DRAWING TITLE

OPTIONAL ITEM: FERRETTI TRAILHEAD

DATE 5/12/2026	ARCHIVE NO.
DESIGNER K.BAKER	DRAWING SHEET NO. C-12
DRAWN K.BAKER	
CHECKED K.DELISSER	
PROJECT NO.	SHEET 14 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOX\SO-PSI\ENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;



NOTES:

1. INSTALL NEW PREFABRICATED DOUBLE VAULT TOILET BUILDING.
2. CONSTRUCT ASPHALT APRON FLUSH WITH GRADE OF VAULT TOILET BUILDING FINISH FLOOR. MAXIMUM APRON GRADE DEVIATION FROM GRADE OF FLOOR IS 1/4". ASPHALT APRON SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% IN ANY DIRECTION.
3. ASPHALT APRON SHOULD EXTEND TO MEET EXISTING PARKING AREA AND PATHWAY. PROVIDE A SMOOTH TRANSITION BETWEEN NEW ASPHALT PATHS AND APRONS AND EXISTING FEATURES.
4. GRADE TO DRAIN AWAY FROM BUILDING (2-5%) AT SIDES AND BACK FOR A MINIMUM OF 4 FEET. LAY BACK ADJACENT SLOPES AT A MAXIMUM 1.5H:1V SLOPE.

USDA

United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

FORESTWIDE

DRAWING TITLE

OPTIONAL ITEM: SPICER SNO-PARK

DATE 5/12/2026	ARCHIVE NO.
DESIGNER K.BAKER	DRAWING SHEET NO. C-13
DRAWN K.BAKER	
CHECKED K.DELISSER	
PROJECT NO.	SHEET 15 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOX\SO-PS\ENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;

NOTES:
1. DEMOLISH EXISTING SINGLE VAULT OCTAGON TOILET BUILDING AND ROOF STRUCTURE.
2. INSTALL NEW PREFABRICATED SINGLE VAULT TOILET BUILDING.
3. PLACE NEW BUILDING AT LOCATION AND GRADE CONNECTING DOORWAY TO EXISTING CONCRETE APRON. FINISH FLOOR. MAXIMUM APRON GRADE DEVIATION FROM GRADE OF FLOOR IS $\frac{1}{4}$".
4. GRADE TO DRAIN AWAY FROM BUILDING (2-5% GRADE) AT SIDES AND BACK FOR A MINIMUM OF 4 FEET.

1 COTTONWOOD DAY USE
Scale: 1" = 5'

USDA FOREST SERVICE

United States Department of Agriculture
Forest Service

(R05)
PACIFIC SOUTHWEST REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

VAULT TOILET ACCESSIBILITY IMPROVEMENTS

STANISLAUS NATIONAL FOREST

FORESTWIDE

DRAWING TITLE

OPTIONAL ITEM: COTTONWOOD DAY USE

DATE 5/12/2026
ARCHIVE NO.
DESIGNER K.BAKER
DRAWN K.BAKER
CHECKED K.DELISSER
PROJECT NO.
DRAWING SHEET NO. **C-14**
SHEET 16 OF 16

5/12/26 10:05 KATHRYNBAKER C:\USERS\KATHRYNBAKER\BOX\SO-PS\ENGINEERING\FY 2025 PROJECTS\VAULT TOILET ACCESSIBILITY IMPROVEMENTS\VAULTTOILETACCESSIBILITY.DWG;