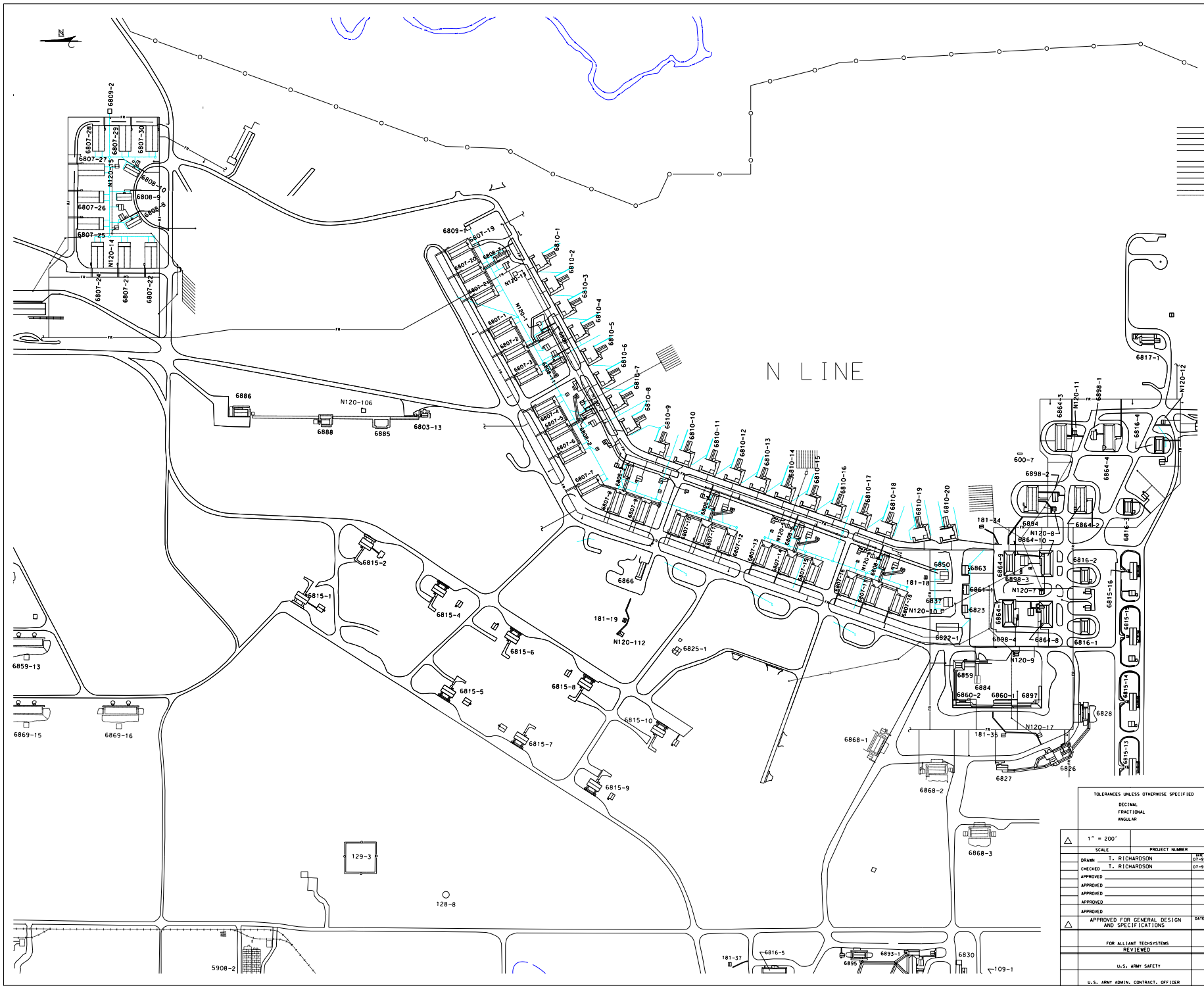


REFERENCE DRAWINGS	
TITLE	DRAWING NO.

LINE DESIGNATION

R	RECYCLE WATER
D	DECANT LINE
RC	RECOVERED WATER
A	ACID SEWER
FS	FUME SYSTEM
C	CONDENSATE
TW	TREATED WELL WATER
FR	FILTER RIVER WATER
SF	SOFTENED FILTER RIVER WATER
HW	HOT WATER
	STORM SEWER
	SANITARY SEWER

TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMAL
FRACTIONAL
ANGULAR

SCALE	PROJECT NUMBER
1" = 200'	

		DATE
DRAWN	T. RICHARDSON	07-99
CHECKED	T. RICHARDSON	07-99
APPROVED		
APPROVED		
APPROVED		
APPROVED		
APPROVED		

APPROVED FOR GENERAL DESIGN AND SPECIFICATIONS — DATE

FOR ALLIANT TECHSYSTEMS
REVIEWED

U.S. ARMY SAFETY

U.S. ARMY ADMIN. CONTRACT. OFFICER

△	DATE	DESCRIPTION
		REVISIONS

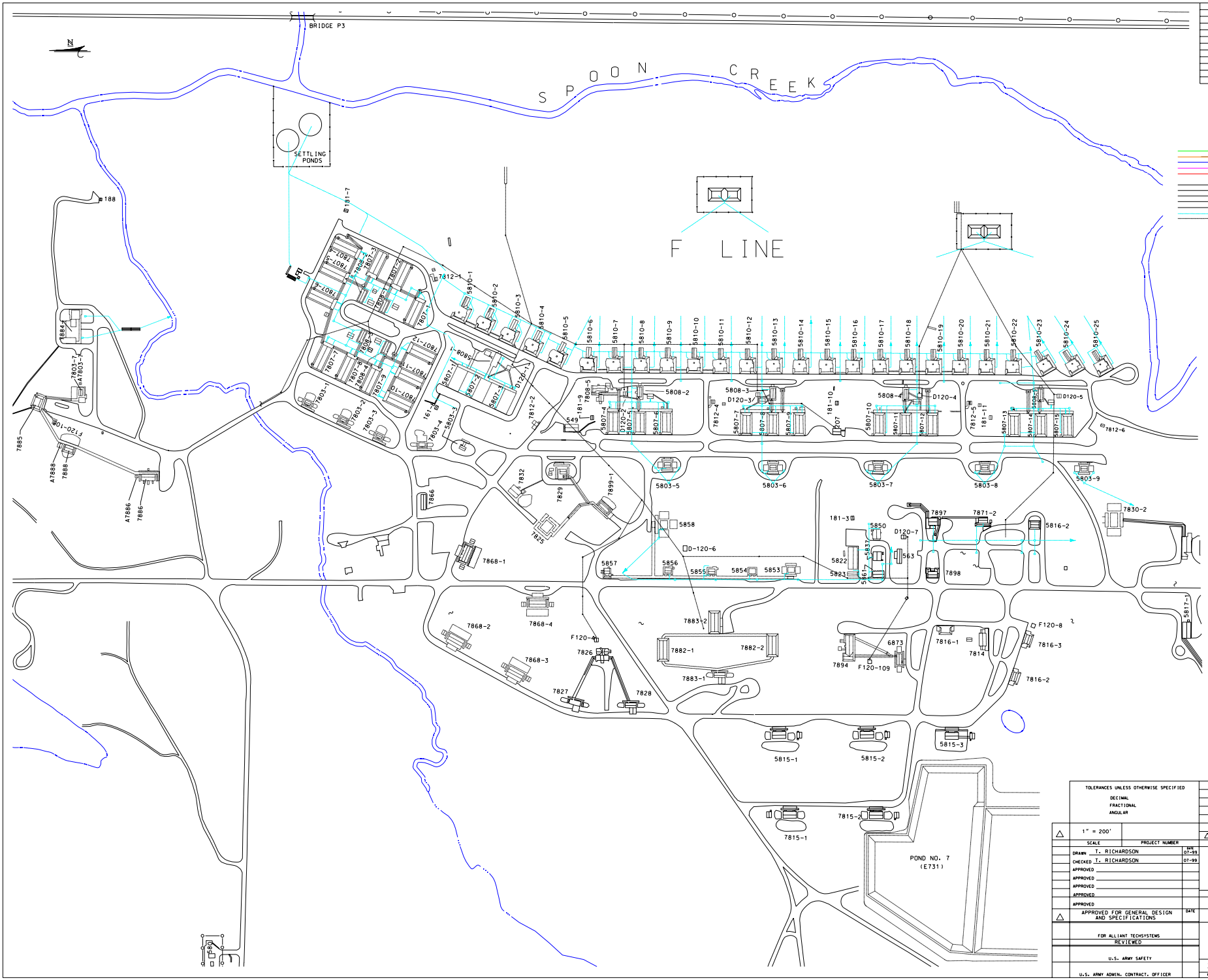
SUNFLOWER ARMY AMMUNITION PLANT
U.S. ARMY
DESIGN, ARMORS
ALLIANT TECHSYSTEMS

FACILITY NAME	FACILITY NUMBER

ENVIRONMENTAL STABILIZATION

UNDERGROUND LINES
N-LINE AREA

INST IDENT. NO.	DRAWING NO.	REV.
20785	(CAD)SFAAP-21288 F	



REFERENCE DRAWINGS	
TITLE	DRAWING NO.

TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMAL
FRACTIONAL
ANGULAR

SCALE: 1" = 200'
PROJECT NUMBER

		DATE
DRAWN	T. RICHARDSON	07-99
CHECKED	T. RICHARDSON	07-99
APPROVED		
APPROVED		
APPROVED		
APPROVED		
APPROVED		

APPROVED FOR GENERAL DESIGN AND SPECIFICATIONS — DATE

FOR ALLIANT TECHSYSTEMS
REVIEWED

U.S. ARMY SAFETY

U.S. ARMY ADMIN. CONTRACT. OFFICER

REVISIONS		
△	DATE	DESCRIPTION

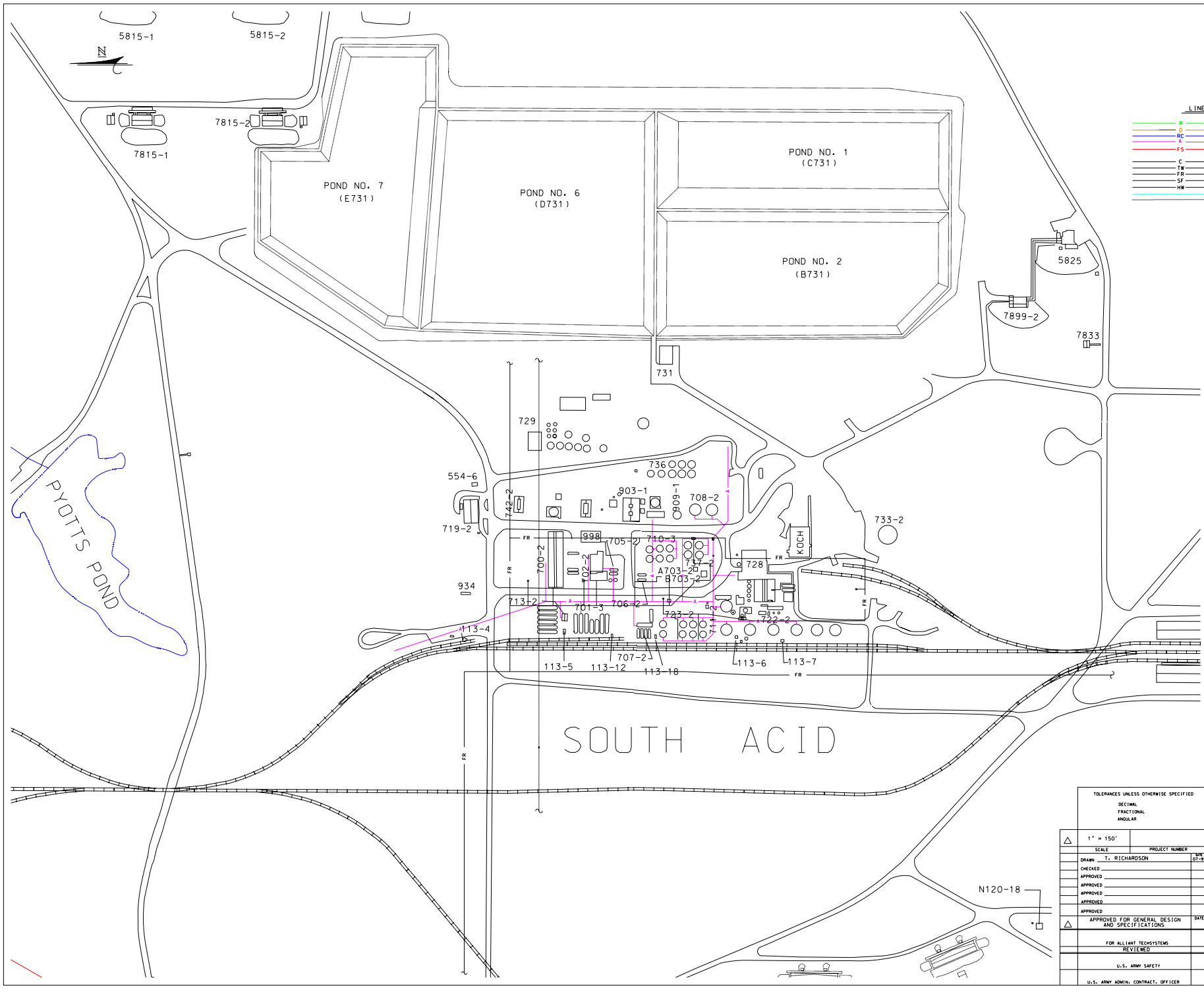
SUNFLOWER ARMY AMMUNITION PLANT
U.S. ARMY
BONNER, KANSAS
ALLIANT TECHSYSTEMS

FACILITY NAME	FACILITY NUMBER

ENVIRONMENTAL STABILIZATION

UNDERGROUND LINES
F-LINE AREA
LINE AREA

20785	(CAD)SFAAP-21288 A	
HIST SERIAL NO.	DRAWING NO.	REV.



REFERENCE DRAWINGS	
TITLE	DRAWING NO.

LINE DESIGNATION

R	RECYCLE WATER
D	DECANT LINE
RC	RECOVERED WATER
A	ACID SEWER
FS	FUME SYSTEM
C	CONDENSATE
TW	TREATED WELL WATER
FR	FILTER RIVER WATER
SF	SOFTENED FILTER RIVER WATER
HW	HOT WATER
	STORM SEWER
	SANITARY SEWER

TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMAL
FRACTIONAL
ANGULAR

△	1" = 150'	
	SCALE	PROJECT NUMBER

△	DATE	DESCRIPTION
		REVISIONS

DRAWN T. RICHARDSON DATE 07-99
CHECKED
APPROVED
APPROVED
APPROVED
APPROVED
APPROVED

SUNFLOWER ARMY AMMUNITION PLANT
U.S. ARMY
DESIGNED: KANSAS
ALLIANT TECHSYSTEMS

FACILITY NAME | FACILITY NUMBER

△ APPROVED FOR GENERAL DESIGN AND SPECIFICATIONS DATE

ENVIRONMENTAL STABILIZATION

FOR ALLIANT TECHSYSTEMS
REVIEWED

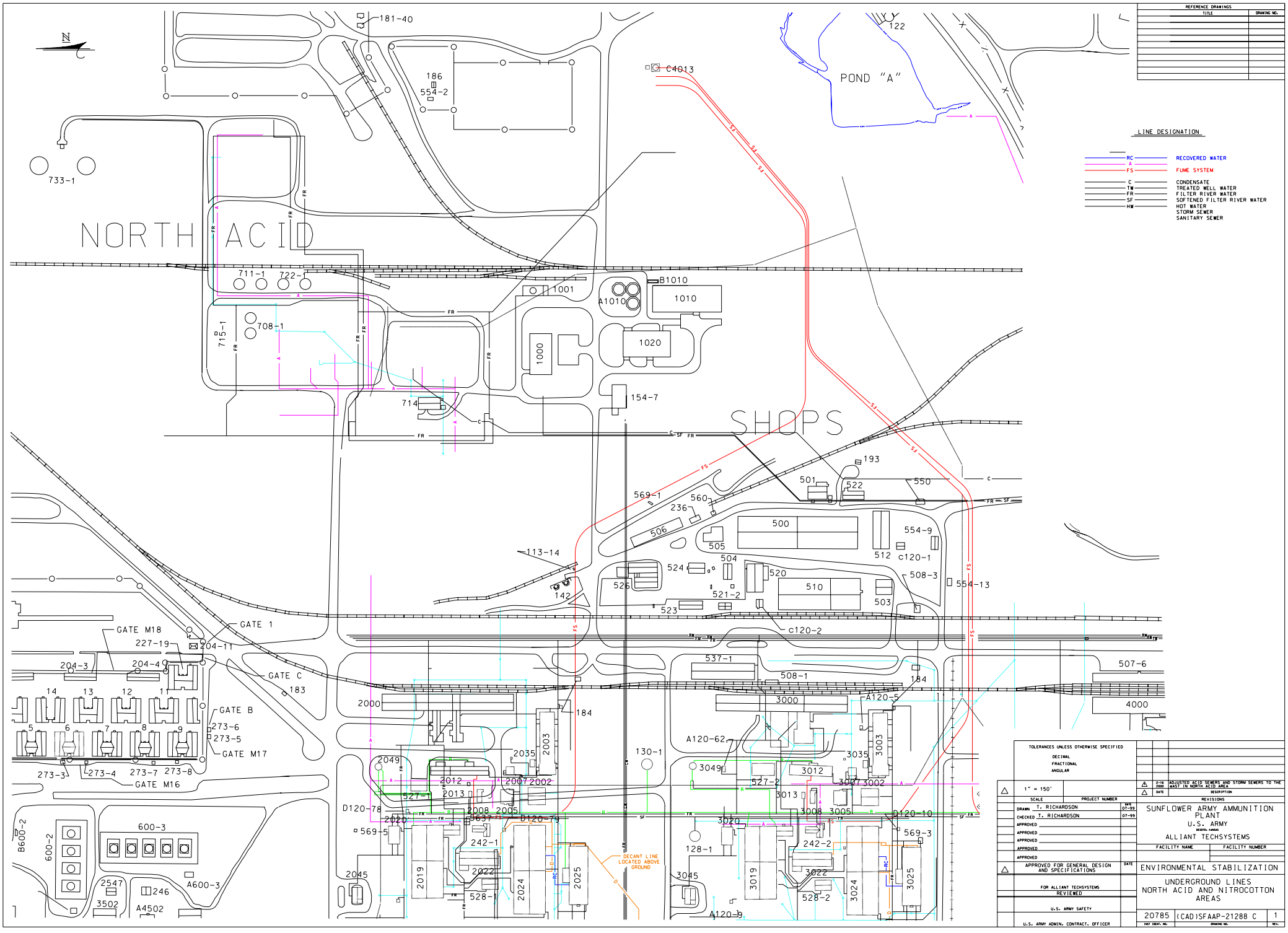
U.S. ARMY SAFETY

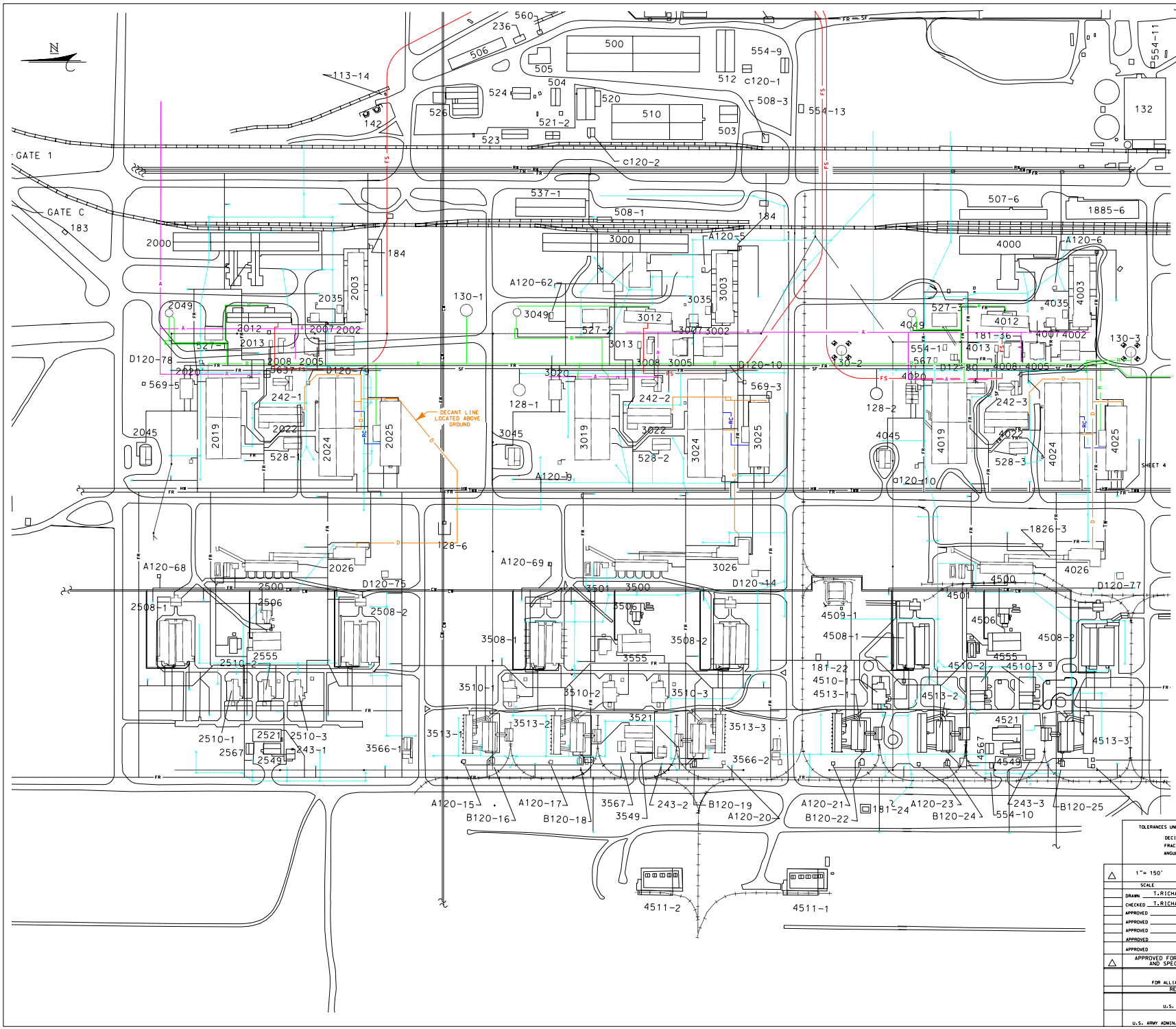
U.S. ARMY ADMIN. CONTRACT. OFFICER

UNDERGROUND LINES
SOUTH ACID AREA

20785 (CAD)SFAAP-21288 B

INST IDENT. NO. | DRAWING NO. | REV.


NORTH ACID
SHOPS
POND "A"
LINE DESIGNATION
RC RECOVERED WATER
A
FS FUME SYSTEM
C CONDENSATE
TW TREATED WELL WATER
FR FILTER RIVER WATER
SF SOFTENED FILTER RIVER WATER
HW HOT WATER
STORM SEWER
SANITARY SEWER
REFERENCE DRAWINGS
TITLE
DRAWING NO.
GATE 1
GATE C
GATE B
GATE M17
GATE M16
GATE M18
DECANT LINE LOCATED ABOVE GROUND
TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMAL
FRACTIONAL
ANGULAR
1" = 150'
SCALE
PROJECT NUMBER
DRAWN T. RICHARDSON
CHECKED T. RICHARDSON
APPROVED
APPROVED FOR GENERAL DESIGN AND SPECIFICATIONS
FOR ALLIANT TECHSYSTEMS REVIEWED
U.S. ARMY SAFETY
U.S. ARMY ADMIN. CONTRACT. OFFICER
REVISIONS
2-16-2000 ADJUSTED ACID SEWERS AND STORM SEWERS TO THE WEST IN NORTH ACID AREA
DATE
DESCRIPTION
SUNFLOWER ARMY AMMUNITION PLANT
U.S. ARMY
ALLIANT TECHSYSTEMS
FACILITY NAME
FACILITY NUMBER
ENVIRONMENTAL STABILIZATION
UNDERGROUND LINES
NORTH ACID AND NITROCOTTON AREAS
20785
(CAD)SFAAP-21288 C
1



REFERENCE DRAWINGS	
TITLE	DRAWING NO.

LINE DESIGNATION

R	RECYCLE WATER
D	DECANT LINE
RC	RECOVERED WATER
A	ACID SEWER
FS	FUME SYSTEM
C	CONDENSATE
TW	TREATED WELL WATER
FR	FILTER RIVER WATER
SF	SOFTENED FILTER RIVER WATER
HW	HOT WATER
	STORM SEWER
	SANITARY SEWER

TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMAL
FRACTIONAL
ANGULAR

SCALE: 1"= 150'
PROJECT NUMBER

		DATE
DRAWN	T.RICHARDSON	07-99
CHECKED	T.RICHARDSON	07-99
APPROVED		
APPROVED		
APPROVED		
APPROVED		
APPROVED		

APPROVED FOR GENERAL DESIGN AND SPECIFICATIONS — DATE

FOR ALLIANT TECHSYSTEMS
REVIEWED

U.S. ARMY SAFETY

U.S. ARMY ADMIN. CONTRACT. OFFICER

△	DATE	DESCRIPTION

REVISIONS

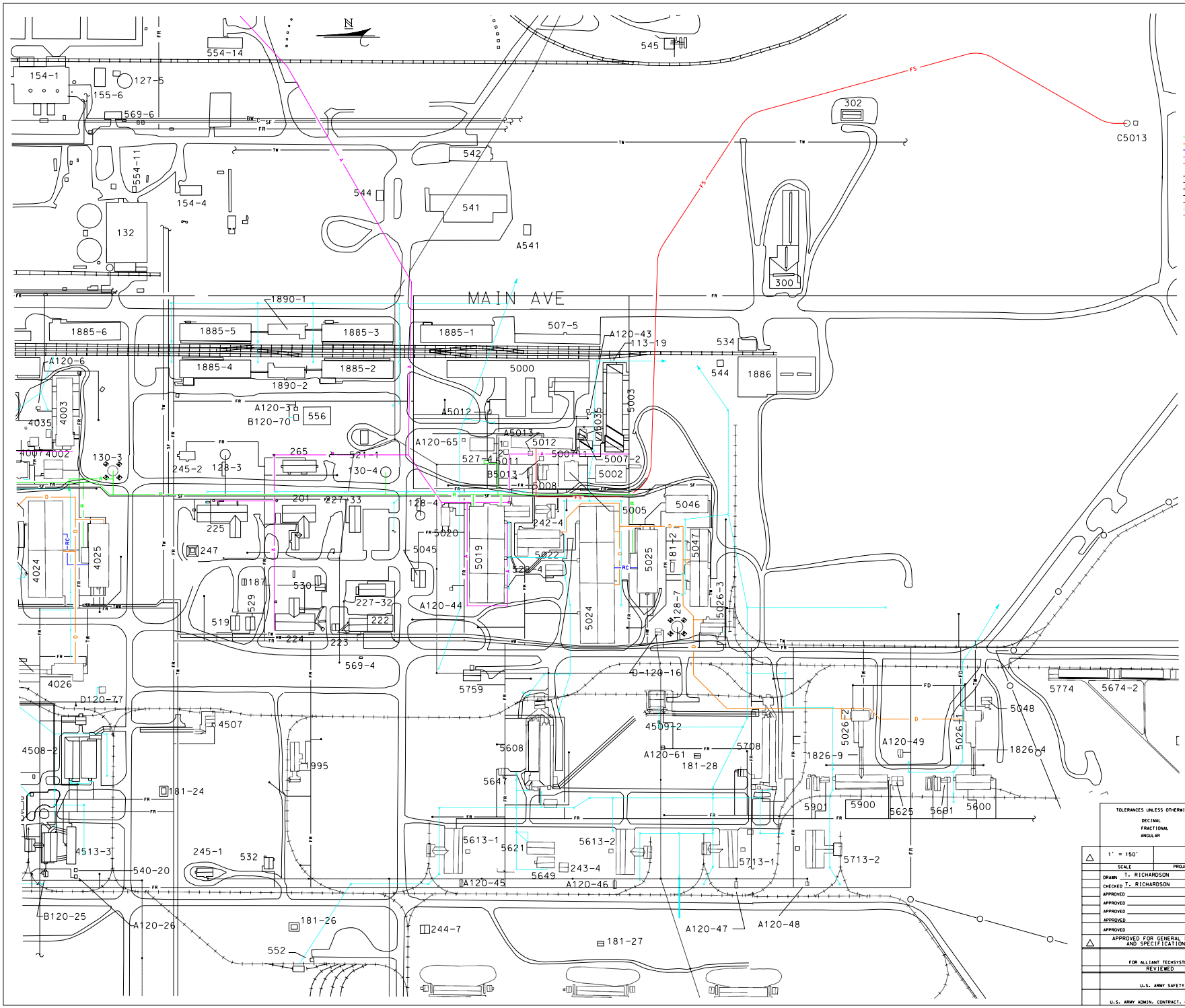
SUNFLOWER ARMY AMMUNITION PLANT
U.S. ARMY
RESERVE AREAS
ALLIANT TECHSYSTEMS

FACILITY NAME	FACILITY NUMBER

ENVIRONMENTAL STABILIZATION

UNDERGROUND LINES
NITROCOTTON AREA
SHEET 1 OF 2

INST IDENT. NO.	DRAWING NO.	REV.
20785	(CAD)SFAAP-21288 D	



REFERENCE DRAWINGS	
TITLE	DRAWING NO.

LINE DESIGNATION

R	RECYCLE WATER
D	DECANT LINE
RC	RECOVERED WATER
A	ACID SEWER
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	STORM SEWER
	SANITARY SEWER

TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMAL
FRACTIONAL
ANGULAR

1' = 150'

SCALE | PROJECT NUMBER

		DATE
DRAWN	T. RICHARDSON	07-99
CHECKED	T. RICHARDSON	07-99
APPROVED		
APPROVED		
APPROVED		
APPROVED		
APPROVED		

APPROVED FOR GENERAL DESIGN AND SPECIFICATIONS — DATE

FOR ALLIANT TECHSYSTEMS
REVIEWED

U.S. ARMY SAFETY

U.S. ARMY ADMIN. CONTRACT. OFFICER

REVISIONS		
△	DATE	DESCRIPTION

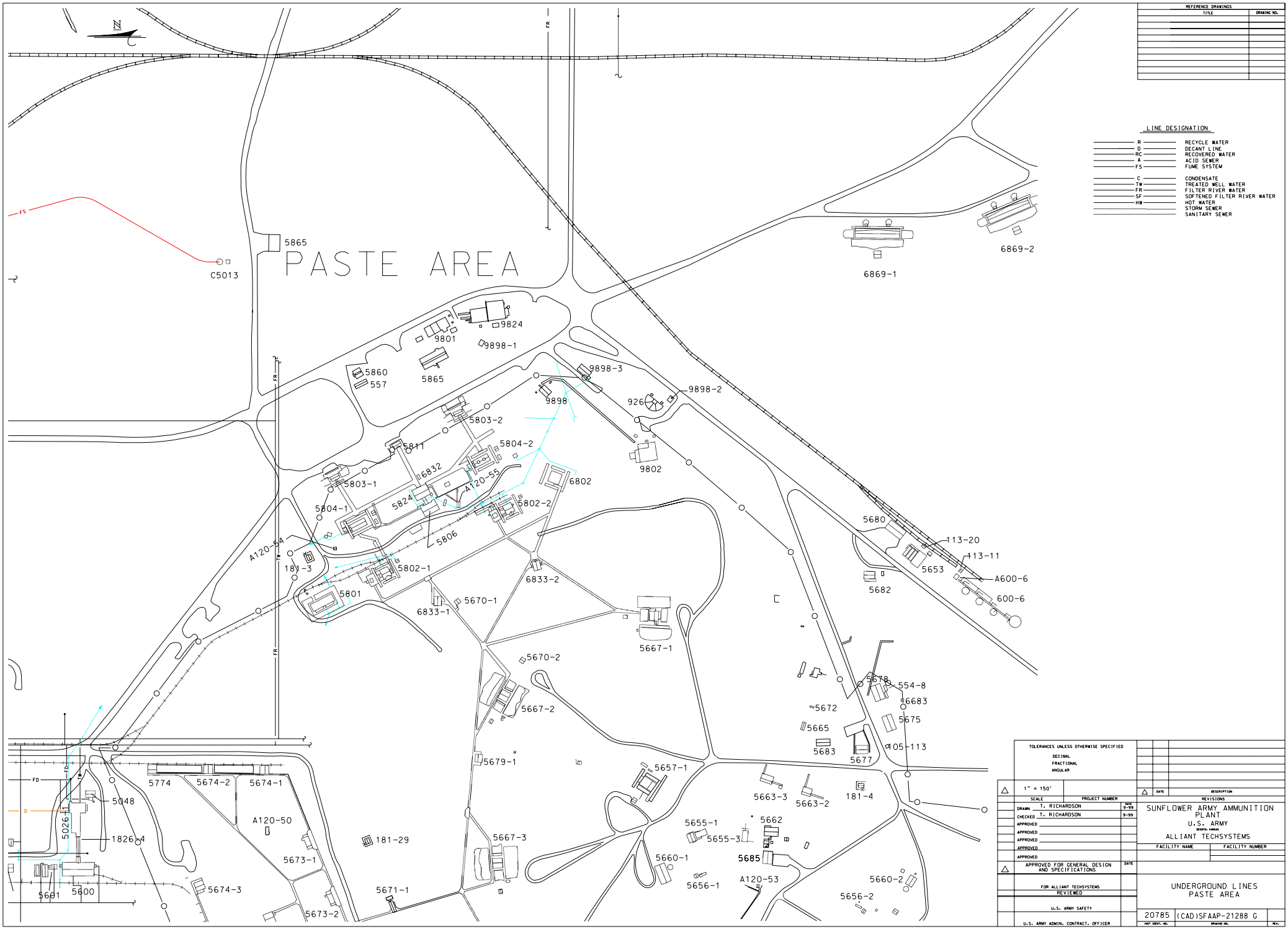
SUNFLOWER ARMY AMMUNITION PLANT
U.S. ARMY
DESOTO, KANSAS
ALLIANT TECHSYSTEMS

FACILITY NAME	FACILITY NUMBER

ENVIRONMENTAL STABILIZATION

UNDERGROUND LINES
NITROCOTTON AREA
SHEET 2 OF 2

INST IDENT. NO.	DRAWING NO.	REV.
20785	(CAD)SFAAP-21288 E	



REFERENCE DRAWINGS	
TITLE	DRAWING NO.

LINE DESIGNATION

R	RECYCLE WATER
D	DECANT LINE
RC	RECOVERED WATER
A	ACID SEWER
FS	FUME SYSTEM
C	CONDENSATE
TW	TREATED WELL WATER
FR	FILTER RIVER WATER
SF	SOFTENED FILTER RIVER WATER
HW	HOT WATER
	STORM SEWER
	SANITARY SEWER

TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMAL
FRACTIONAL
ANGULAR

SCALE	PROJECT NUMBER
1" = 150'	

		DATE
DRAWN	T. RICHARDSON	9-99
CHECKED	T. RICHARDSON	9-99
APPROVED		
APPROVED		
APPROVED		
APPROVED		
APPROVED		

APPROVED FOR GENERAL DESIGN AND SPECIFICATIONS — DATE

FOR ALLIANT TECHSYSTEMS
REVIEWED

U.S. ARMY SAFETY

U.S. ARMY ADMIN. CONTRACT. OFFICER

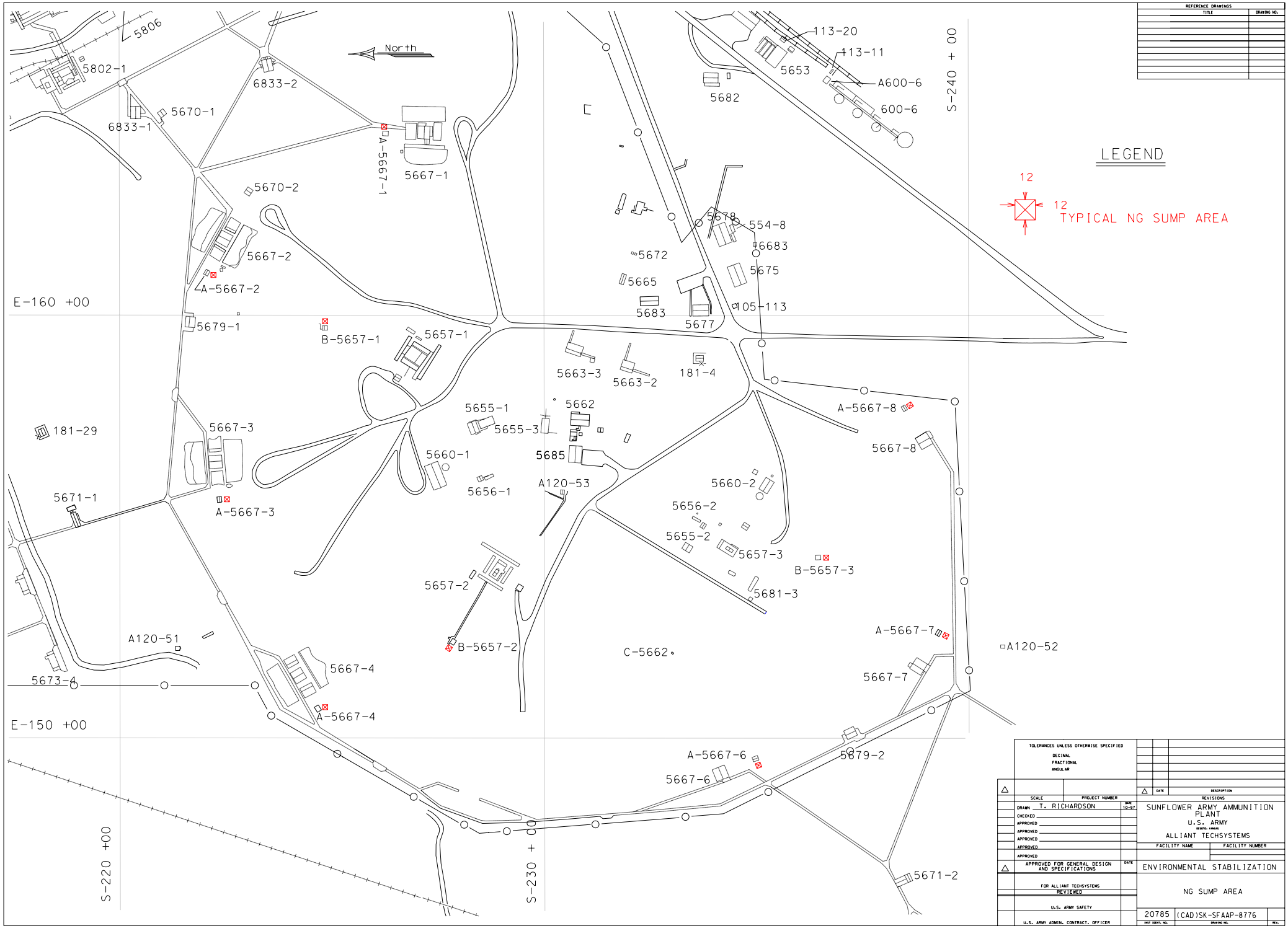
DATE	DESCRIPTION
	REVISIONS

SUNFLOWER ARMY AMMUNITION PLANT
U.S. ARMY
DESOTO, KANSAS
ALLIANT TECHSYSTEMS

FACILITY NAME	FACILITY NUMBER

UNDERGROUND LINES
PASTE AREA

INST IDENT. NO.	DRAWING NO.	REV.
20785	(CAD)SFAAP-21288 G	



REFERENCE DRAWINGS	
TITLE	DRAWING NO.

TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMAL
FRACTIONAL
ANGULAR

SCALE | PROJECT NUMBER

DRAWN T. RICHARDSON DATE 10-97
CHECKED
APPROVED
APPROVED
APPROVED
APPROVED
APPROVED

APPROVED FOR GENERAL DESIGN AND SPECIFICATIONS DATE

FOR ALLIANT TECHSYSTEMS REVIEWED

U.S. ARMY SAFETY

U.S. ARMY ADMIN. CONTRACT. OFFICER

△	DATE	DESCRIPTION

REVISIONS

SUNFLOWER ARMY AMMUNITION PLANT
U.S. ARMY
DESOTO, KANSAS
ALLIANT TECHSYSTEMS

FACILITY NAME | FACILITY NUMBER

ENVIRONMENTAL STABILIZATION

NG SUMP AREA

20785 (CAD)SK-SFAAP-8776

UNIT IDENT. NO. | DRAWING NO. | REV.