

LEGEND

SP# SPRINKLER HEAD

MANHOLE

EXISTING WATERLINE

EXISTING SEWER LINE

- GENERAL GRADING AND UTILITY NOTES
1. CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF ALL EXITING UTILITIES PRIOR TO ANY CONSTRUCTION. CALL ARIZONA 811 (BLUE STAKE) PRIOR TO ANY EXCAVATION.

2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH, HAUL, AND SUPPLY ALL WATER REQUIRED FOR COMPACTION AND FOR THE CONTROL OF DUST FROM CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL GIVE THE FOREST SERVICE 48 HOURS NOTICE PRIOR TO HAULING WATER FROM THE ADMINISTRATIVE OFFICE.

3. GRADING SHALL BE CONSTRUCTED TO WITHIN 0.10 FEET OF FINISH ELEVATION AS SHOWN ON THE DRAWINGS.

4. GRADING SHALL MINIMIZE DISTURBANCE TO SURROUNDING AREAS AND VEGETATION. DISTURBED AREAS OUTSIDE OF THE IMPROVEMENTS SHALL BE RETURNED TO A LIKE CONDITION WITH APPROVED MATERIALS.

5. ALL RUBBISH, UNUSED MATERIALS, CONCRETE FORMS, AND OTHER LIKE MATERIAL SHALL BE REMOVED FROM THE JOBSITE. ALL EXCESS EXCAVATION MATERIAL SHALL BE HAULED OFF FOREST SERVICE LAND AT CONTRACTOR'S EXPENSE.

6. CONSTRUCTION IN THE VICINITY OF OVERHEAD POWER LINES SHALL BE IN ACCORDANCE WITH THE ARIZONA REVISED STATUTES, OVERHEAD POWER LINE SAFETY (40-360.42, 40-360.43).

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CARE, MAINTENANCE, REPAIR OR REPLACEMENT OF EXISTING IMPROVEMENTS IN THE WORK AREA WHICH HAVE BEEN REMOVED OR DAMAGED DURING THE COURSE OF CONSTRUCTION. ALL REPAIR, REPLACEMENT OR CLEANUP SHALL BE DONE TO THE SATISFACTION OF THE FOREST SERVICE AT CONTRACTOR'S EXPENSE.

8. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY REGULATIONS.

9. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.

10. EXISTING UTILITIES ARE SHOWN AS ACCURATELY AS POSSIBLE. CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION, AND ASSUMES FULL RESPONSIBILITY FOR ANY DAMAGE AND/OR REPAIR.

11. ADOT FACILITIES ARE NOT CONNECTED TO THE LAGOON

12. LOCATION OF MANHOLES, AS SHOWN, ARE APPROXIMATE LOCATIONS.

USDA

FOREST SERVICE

U.S. DEPARTMENT OF AGRICULTURE

United States Department of Agriculture
Forest Service

R3
SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS

4		
3		
2		
1		
NO.	REVISION / ISSUE	DATE

PROJECT NAME

PALISADES
LAGOON LINER
AND EFFLUENT
SPRINK. SYSTEM
REPLACEMENT
CORONADO NATIONAL
FOREST

SANTA CATALINA RANGER
DISTRICT

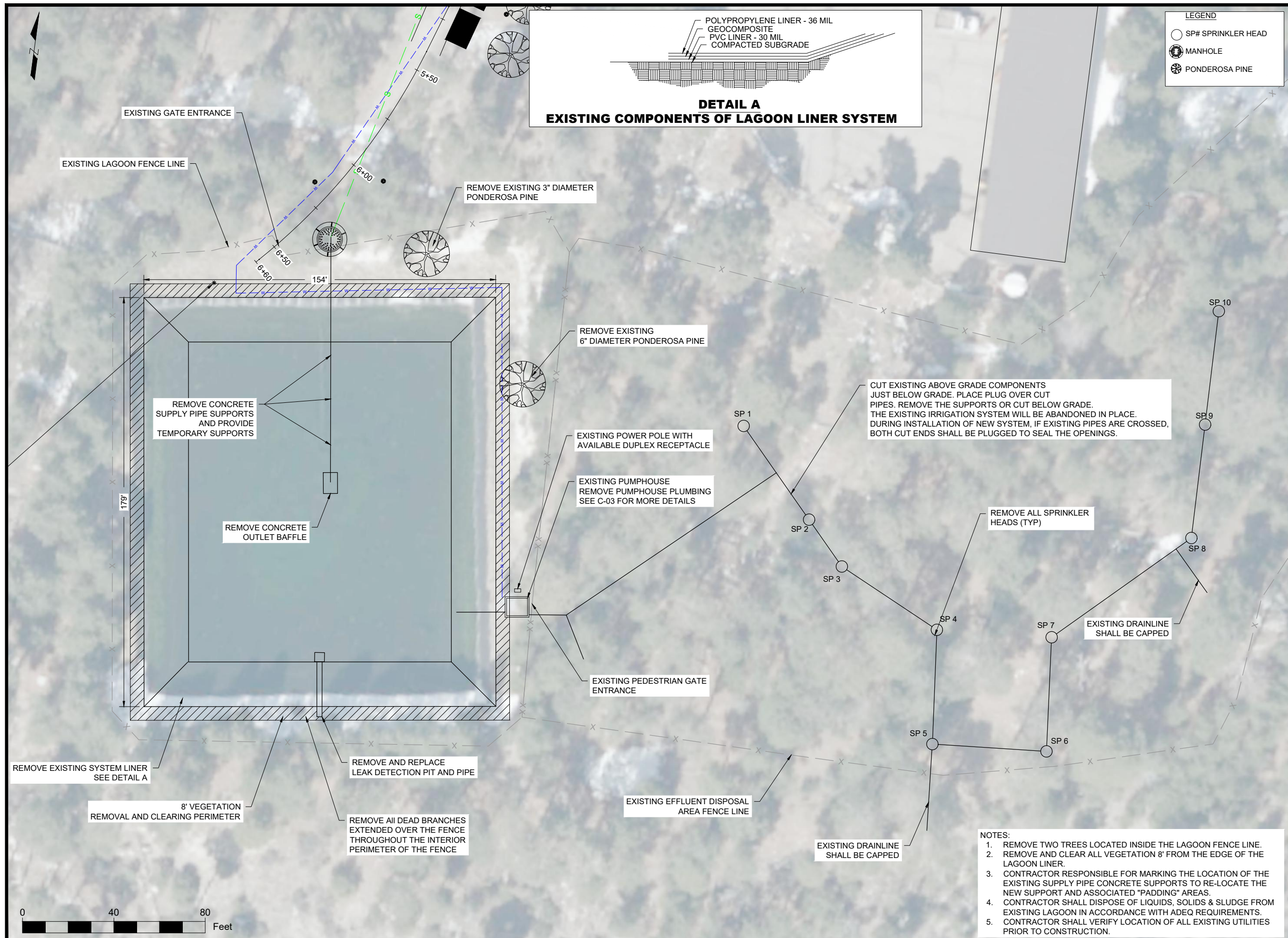
DRAWING TITLE

EXISTING SITE PLAN

DATE 01/21/2026	ARCHIVE NO.
DESIGNER TW	DRAWING SHEET NO. C-01
DRAWN CAT	
CHECKED RO	
PROJECT NO.	SHEET 002 OF 13



1/21/26 08:14 CARLUSTOMAS G:\WORKING DESKTOP\PALISADES\FINAL DOCS\WASTE WATER SYSTEM 2021\100%\LAGOON DEMOLITION NEW TEMPLATE.DWG



United States Department of Agriculture
Forest Service

R3
SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS

4		
3		
2		
1		
NO.	REVISION / ISSUE	DATE

PROJECT NAME

PALISADES
LAGOON LINER
AND EFFLUENT
SPRINK. SYSTEM
REPLACEMENT
CORONADO NATIONAL
FOREST

SANTA CATALINA RANGER
DISTRICT

DRAWING TITLE

DEMOLITION PLAN

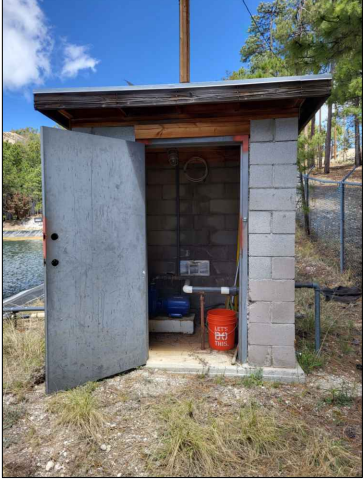
DATE 01/21/2026	ARCHIVE NO.
DESIGNER TW	DRAWING SHEET NO. C-02
DRAWN CAT	
CHECKED RO	
PROJECT NO.	SHEET 003 OF 13



SUCTION SIDE OF PLUMBING



SUCTION SIDE OF PLUMBING



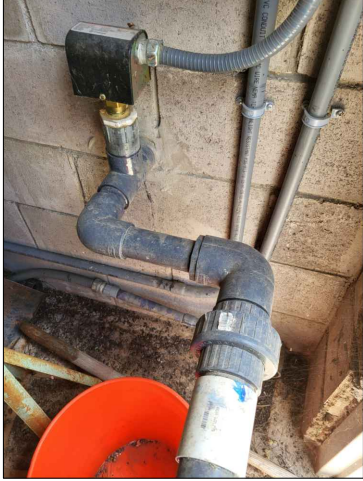
EXISTING PUMP HOUSE



EXISTING 5HP CENTRIFUGAL
PUMP WITH 2" INLET/ OUTLET



EXISTING ELECTRICAL CONNECTION



DISCHARGE PLUMBING WITH FLOW SWITCH

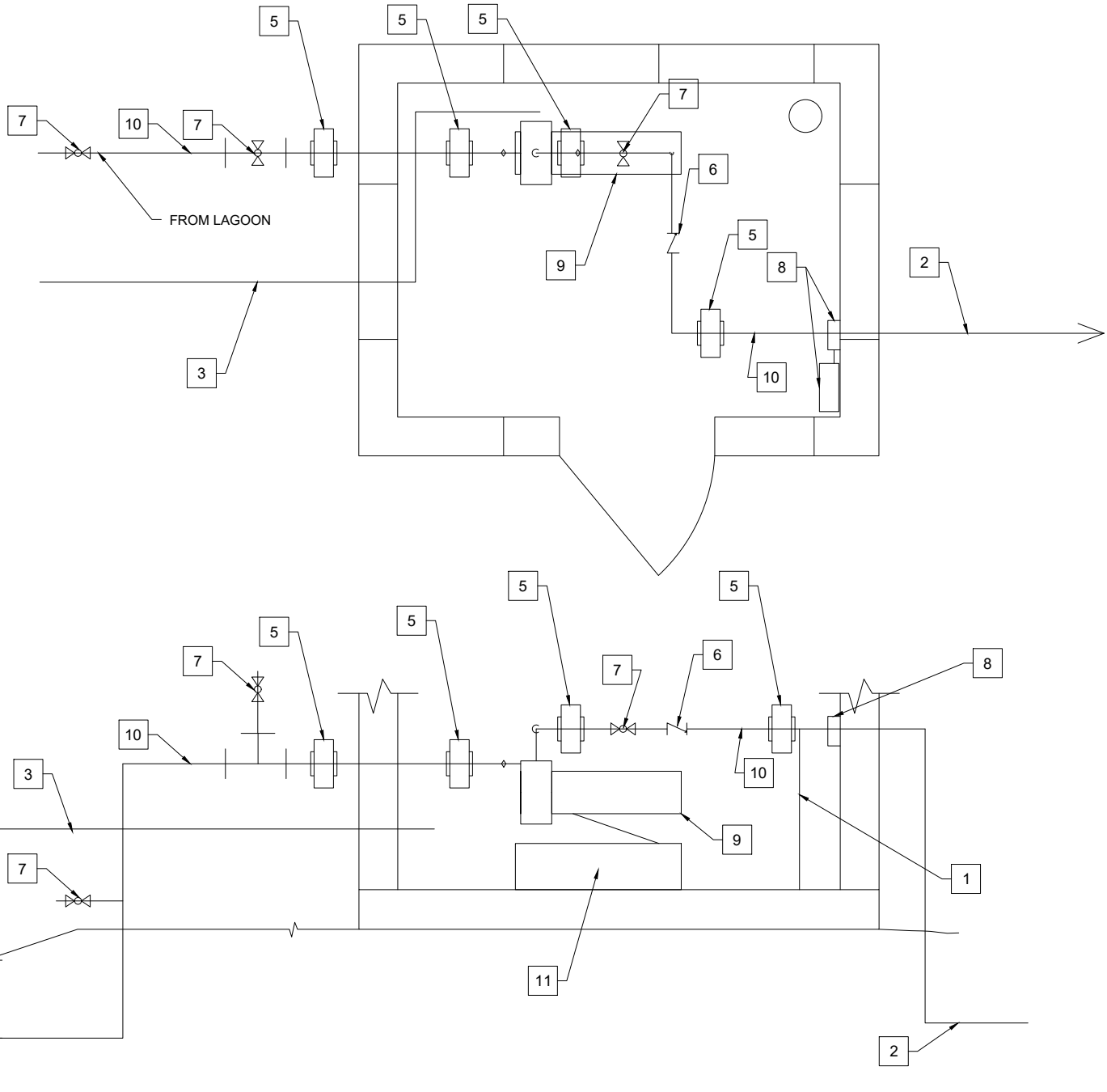


ELECTRICAL PANEL WITH
MANUAL START AND RESET BUTTONS

- 1 REMOVE AND DISPOSE, PIPE SUPPORT IF NECESSARY
- 2 REMOVE AND DISPOSE, PLUMBING TO IRRIGATION SYSTEM
- 3 REMOVE AND DISPOSE, PIPE AND SEAL HOLE AT PUMP HOUSE. PIPE DOES NOT CONNECT TO ANY EXISTING EQUIPMENT INSIDE THE PUMPHOUSE.
- 4 2" PVC, SCH 80, PUMP SUCTION LINE, THIS REMAINS IN PLACE. EXISTING PIPE TO REMAIN BELOW THE EXISTING 2-INCH TEE.
- 5 REMOVE AND DISPOSE, 2" UNION AND ASSOCIATED PIPE CONNECTED TO THE UNION.
- 6 REMOVE AND DISPOSE, CHECK VALVE
- 7 REMOVE AND DISPOSE, 2" BALL VALVE (REMOVE EVERYTHING ABOVE GRADE)
- 8 REMOVE AND DISPOSE, FLOW SWITCH AND DISCONNECT THE ELECTRICAL WIRES
- 9 REMOVE AND DISPOSE, PUMP
- 10 REMOVE AND DISPOSE ALL EXISTING PLUMBING
- 11 EXISTING PUMP STAND. IF EXISTING CAN BE RE-USED, RE-SECURE,. OTHERWISE, REMOVE AND DISPOSE.

GENERAL NOTES:

1. REMOVE AND DISPOSE OF ALL OTHER MISCELLANEOUS PUMP HOUSE PLUMBING COMPONENTS NOT SHOWN ON DRAWING AND PREP FOR INSTALLATION OF NEW PUMP HOUSE PLUMBING
2. CONTRACTOR SHOULD SUBMIT PLUMBING PLAN TO C.O. FOR REVIEW AND APPROVAL PRIOR TO ANY PLUMBING INSTALLATION.
3. CONTRACTOR SHALL UTILIZE THE SAME PENETRATIONS.
4. EXISTING ITEMS SUCH AS THE PUMP PAD AND THE PIPE SUPPORT MAY REMAIN IF NEEDED FOR THE NEW EQUIPMENT OR PLUMBING.



USDA **FOREST SERVICE**
United States Department of Agriculture
Forest Service

R3
SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS		
4		
3		
2		
1		
NO.	REVISION / ISSUE	DATE

PROJECT NAME

**PALISADES
LAGOON LINER
AND EFFLUENT
SPRINK. SYSTEM
REPLACEMENT**

**CORONADO NATIONAL
FOREST**

SANTA CATALINA RANGER
DISTRICT

DRAWING TITLE

**LAGOON PUMP HOUSE
DEMO DETAILS**

DATE 01/21/2026	ARCHIVE NO.
DESIGNER TW	DRAWING SHEET NO. C-03
DRAWN CAT	
CHECKED RO	
PROJECT NO.	SHEET 004 OF 13

GENERAL NOTES:

1. ELECTRIC SERVICE AVAILABLE AT LAGOON PUMPHOUSE.
2. CONTRACTOR RESPONSIBLE FOR EXTENDING ELECTRICAL SERVICE TO TEMPORARY WASTEWATER COLLECTION SYSTEM.
3. THE CURRENT WASTEWATER OPERATION FLOWS ARE ALL GRAVITY, FROM ALL THE BUILDINGS ON THE ADMINISTRATIVE SITE, TO THE LAGOON.
4. MANHOLES "A", "B", AND "C" ARE AVAILABLE TO START THE DIVERSION TO THE TEMPORARY WASTEWATER COLLECTION SYSTEM.
5. THE SELECTED DIVERSION MANHOLE SHALL BE TEMPORARILY PLUGGED.
6. THE MANHOLES ARE 4'-0" DIAMETER, TYPICAL.
7. REQUEST DETAILED INFORMATION ON SELECTED DIVERSION MANHOLE TO OBTAIN INVERT INFORMATION.
8. LOCATION OF MANHOLES, AS SHOWN, ARE APPROXIMATE LOCATIONS.
9. FURNISH, DESIGN, AND INSTALL COMPLETE TEMPORARY ABOVE GRADE WASTEWATER COLLECTION SYSTEM TO COLLECT WASTEWATER FLOW FROM ADMIN SITE.
10. CONTRACTOR RESPONSIBLE FOR MANAGING AND OPERATING THE COLLECTION PUMP SYSTEM.
11. CONTRACTOR RESPONSIBLE FOR PROPER DISPOSAL OF WASTEWATER CONTENTS IN THE COLLECTION TANKS WHEN TANKS ARE NEAR CAPACITY THROUGHOUT THE CONTRACT.
12. CONTRACTOR RESPONSIBLE FOR PLACING SECONDARY CONTAINMENT UNDER MAIN COLLECTION TANKS FOR ACCIDENTAL OVERFLOW AND/OR LEAK.

LEGEND

- SP# SPRINKLER HEAD
● MANHOLE



United States Department of Agriculture
Forest Service

R3
SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS

4		
3		
2		
1		
NO.	REVISION / ISSUE	DATE

PROJECT NAME

**PALISADES
LAGOON LINER
AND EFFLUENT
SPRINK. SYSTEM
REPLACEMENT**
**CORONADO NATIONAL
FOREST**

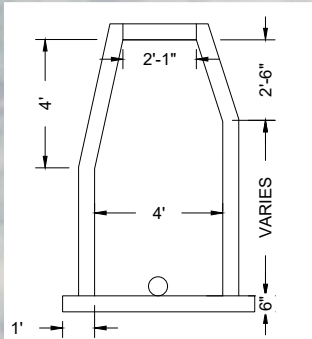
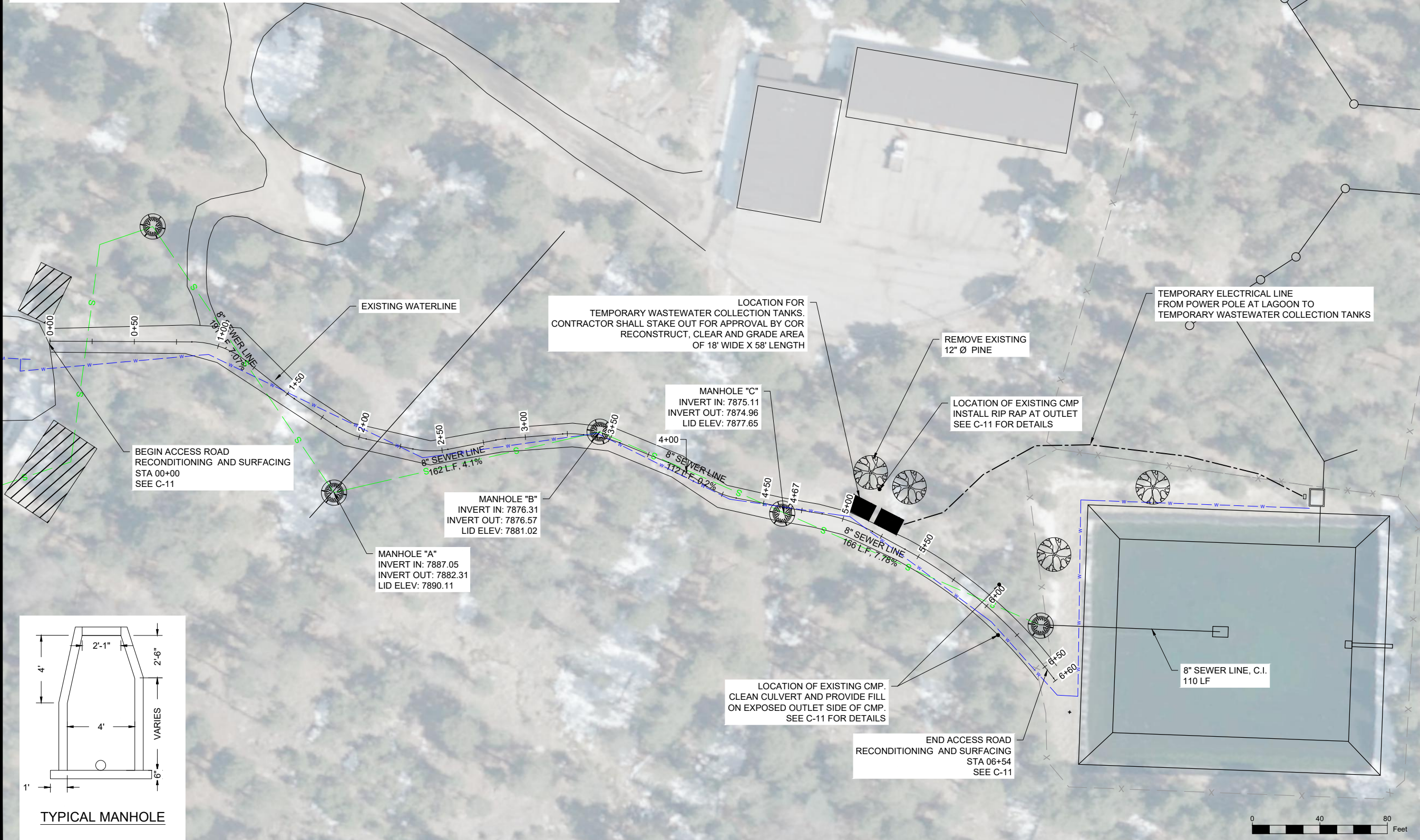
SANTA CATALINA RANGER
DISTRICT

DRAWING TITLE

**TEMPORARY
WASTEWATER
COLLECTION SYSTEM**

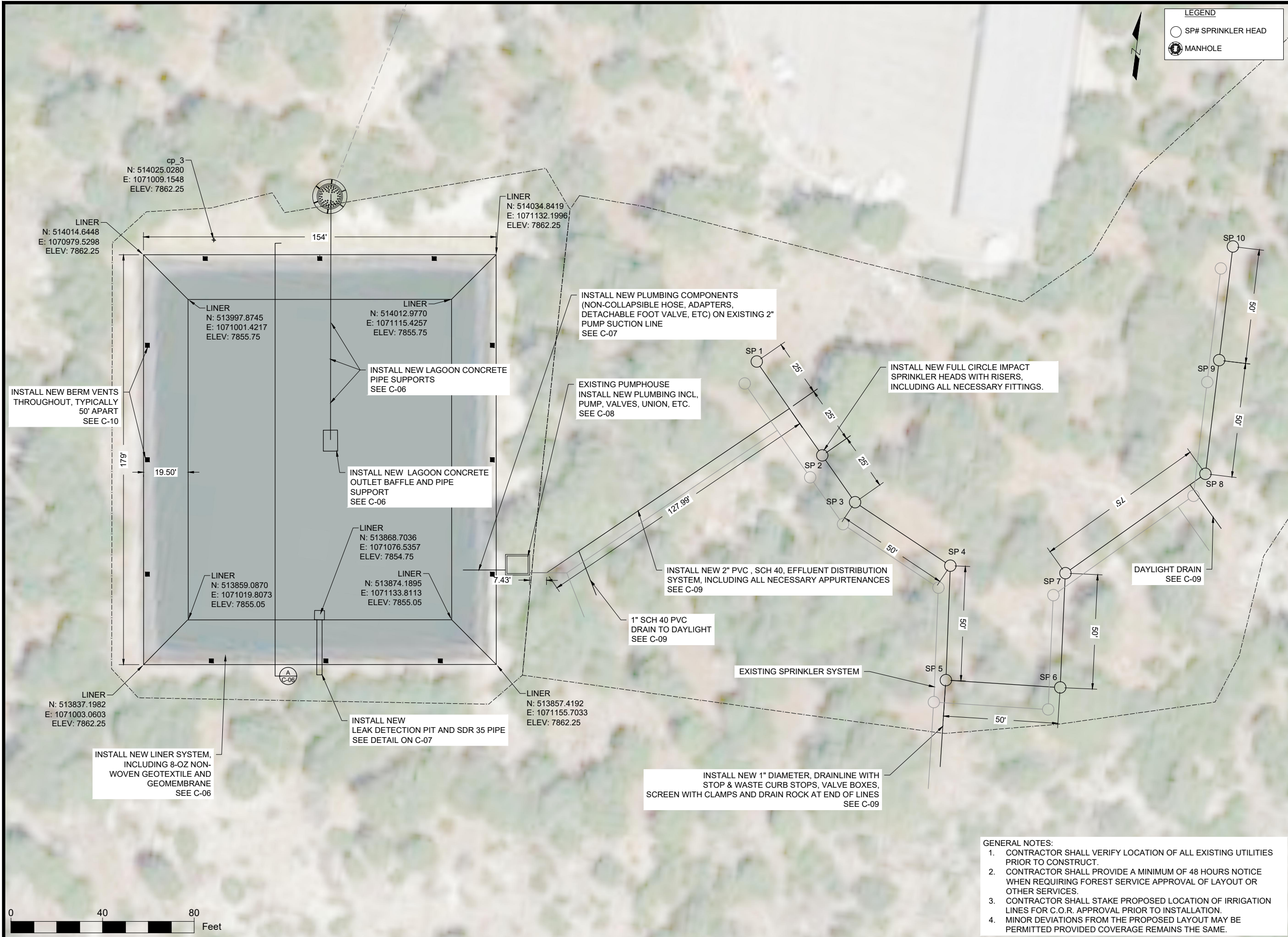
DATE 01/21/2026	ARCHIVE NO.
DESIGNER TW	DRAWING SHEET NO. C-04
DRAWN CAT	
CHECKED RO	
PROJECT NO.	SHEET 005 OF 13

1/21/26 08:14 CARLUSTOMAS G:\WORKING DESKTOP\PALISADES\FINAL DOCS\WASTE WATER SYSTEM 2021\100%\LAGOON DEMOLITION NEW TEMPLATE.DWG.



TYPICAL MANHOLE

1/21/26 08:16 CARLUSTOMAS G:\WORKING DESKTOP\PALISADES\FINAL DDC\SWASTE WATER SYSTEM 2022\100%\LAGOON PLANS NEW TEMPLATE.DWG.





United States Department of Agriculture
Forest Service

R3
SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS

4		
3		
2		
1		
NO.	REVISION / ISSUE	DATE

PROJECT NAME

**PALISADES
LAGOON LINER
AND EFFLUENT
SPRINK. SYSTEM
REPLACEMENT**

**CORONADO NATIONAL
FOREST**

SANTA CATALINA RANGER
DISTRICT

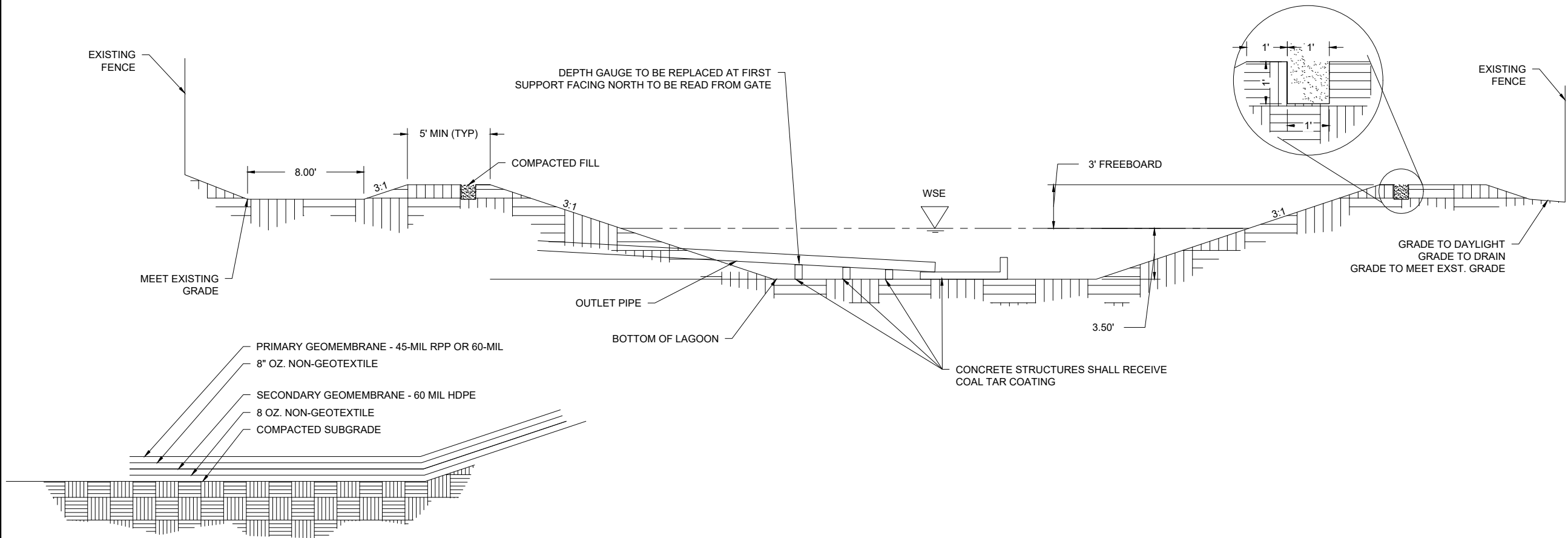
DRAWING TITLE

PROPOSED SITE PLAN

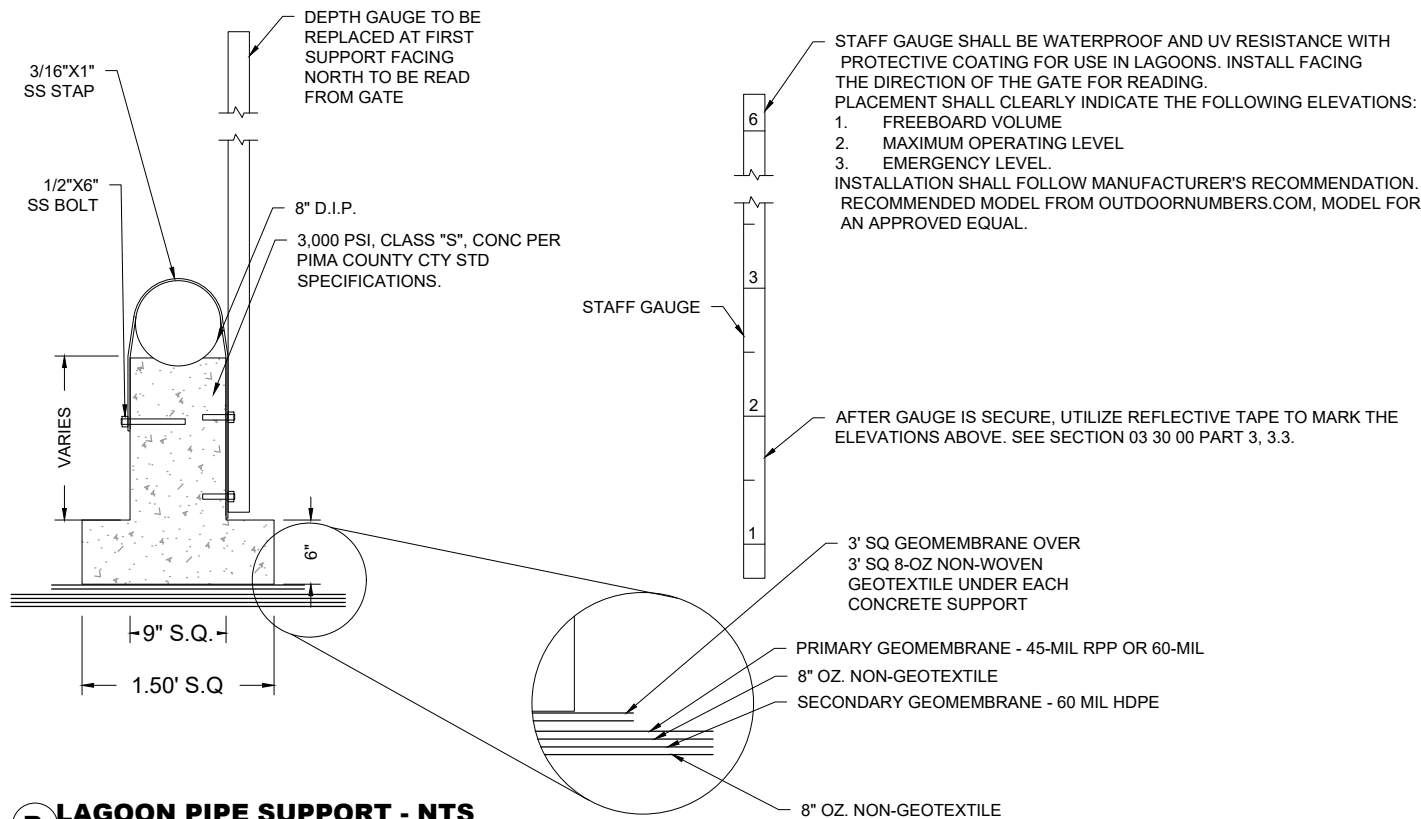
DATE 01/21/2026	ARCHIVE NO.
DESIGNER TW	DRAWING SHEET NO.
DRAWN CAT	C-05
CHECKED RO	
PROJECT NO.	SHEET 006 OF 13

- GENERAL NOTES:
1. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCT.
 2. CONTRACTOR SHALL PROVIDE A MINIMUM OF 48 HOURS NOTICE WHEN REQUIRING FOREST SERVICE APPROVAL OF LAYOUT OR OTHER SERVICES.
 3. CONTRACTOR SHALL STAKE PROPOSED LOCATION OF IRRIGATION LINES FOR C.O.R. APPROVAL PRIOR TO INSTALLATION.
 4. MINOR DEVIATIONS FROM THE PROPOSED LAYOUT MAY BE PERMITTED PROVIDED COVERAGE REMAINS THE SAME.

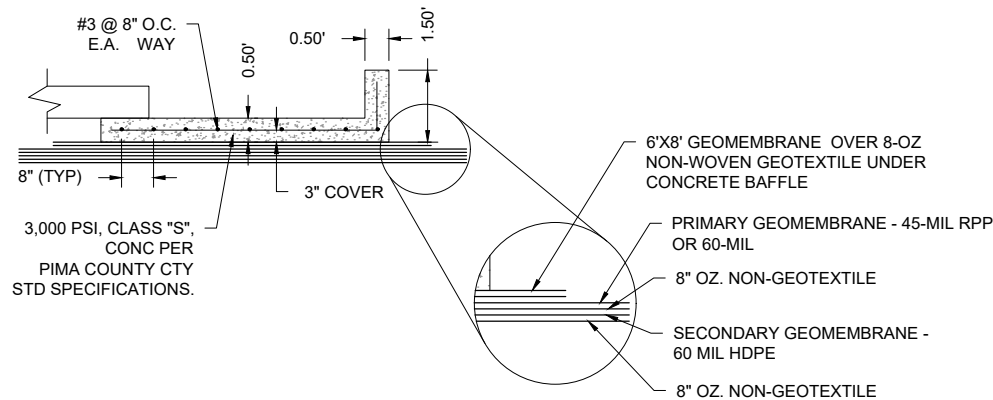
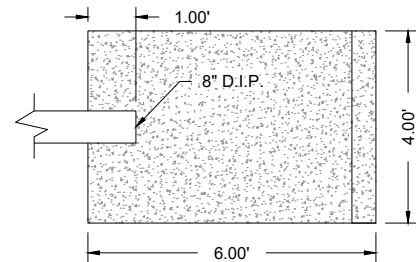
1/21/26 08:16 CARLUSTOMAS G:\WORKING DESKTOP\PALISADES\FINAL DOCS\WASTE WATER SYSTEM 2021\100% LAGOON PLANS NEW TEMPLATE.DWG.



A TYPICAL LAGOON SECTION - NTS



B LAGOON PIPE SUPPORT - NTS



C OUTLET BAFFLE - NTS



United States Department of Agriculture
Forest Service

R3
SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS

4		
3		
2		
1		
NO.	REVISION / ISSUE	DATE

PROJECT NAME

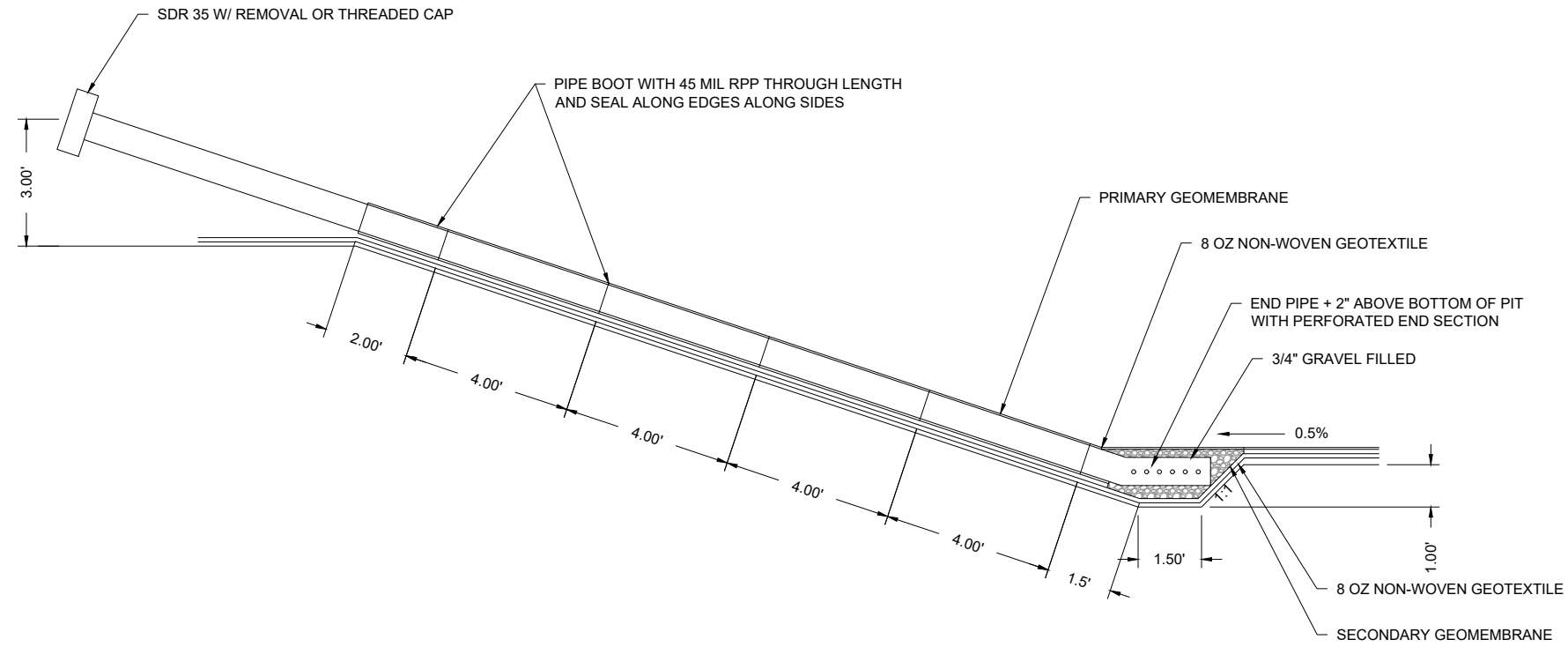
**PALISADES
LAGOON LINER
AND EFFLUENT
SPRINK. SYSTEM
REPLACEMENT**
**CORONADO NATIONAL
FOREST**

SANTA CATALINA RANGER
DISTRICT

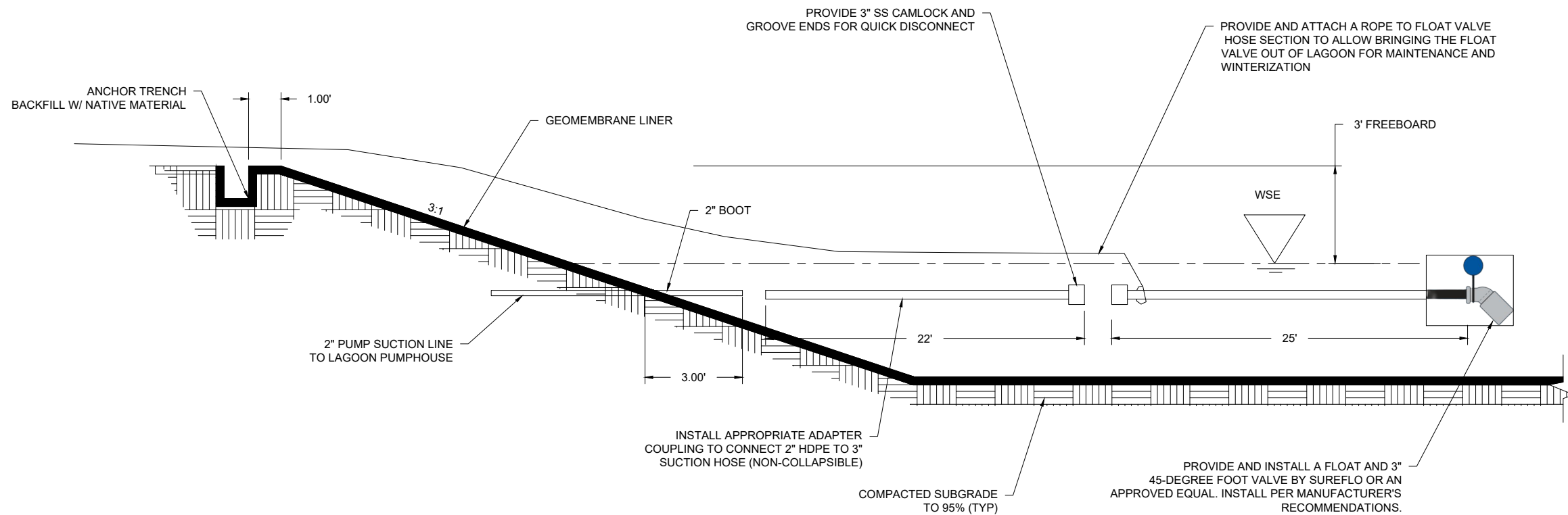
DRAWING TITLE

LAGOON DETAILS

DATE 01/21/2026	ARCHIVE NO.
DESIGNER TW	DRAWING SHEET NO. C-06
DRAWN CAT	
CHECKED RO	
PROJECT NO.	SHEET 007 OF 13



D LEAK DETECTION PIT - NTS



E TYPICAL SECTION - NTS

USDA

FOREST SERVICE

UNITED STATES DEPARTMENT OF AGRICULTURE

FOREST SERVICE

R3

SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS

4		
3		
2		
1		
NO.	REVISION / ISSUE	DATE

PROJECT NAME

**PALISADES
LAGOON LINER
AND EFFLUENT
SPRINK. SYSTEM
REPLACEMENT**

**CORONADO NATIONAL
FOREST**

SANTA CATALINA RANGER
DISTRICT

DRAWING TITLE

LAGOON DETAILS

DATE 01/21/2026	ARCHIVE NO.
DESIGNER TW	DRAWING SHEET NO. C-07
DRAWN CAT	
CHECKED RO	
PROJECT NO.	SHEET 008 OF 13

1/21/26 08:16 CARLUSTOMAS G:\WORKING DESKTOP\PALISADES\FINAL DOCS\WASTE WATER SYSTEM 2021\100%\LAGOON PLANS NEW TEMPLATE.DWG.

1/21/26 08:16 CARLUSTOMAS G:\WORKING DESKTOP\PALISADES\FINAL DOCS\WASTE WATER SYSTEM 2021\100%\LAGOON PLANS NEW TEMPLATE.DWG.

- 1

INSTALL NEW SUPPORT PIPE SIZE APPROPRIATELY AND PROPERLY SECURE TO FLOOR, SEE SHEET C-10
- 2

SEAL ALL BUILDING PENETRATIONS AFTER PIPE CONNECTIONS ARE COMPLETED
- 3

REDUCER (IF NEEDED)
- 4

2" PVC, SCH 80, PUMP SUCTION LINE
- 5

2" UNION
- 6

CHECK VALVE
- 7

2" BALL VALVE
- 8

INSTALL NEW FLOW SWITCH MATCHING EXISTING AND RECONNECT TO ELECTRICAL CONNECTIONS. CHECK FOR PROPER OPERATION. FLOW SWITCH: MCDONNELL FLOW SWITCH, FS4-8 OR APPROVED EQUAL.
- 9

INSTALL 45° FOOT VALVE
- 10

INSTALL CAMLOCK AND GROOVE FITTING
- 11

INSTALL 3" SUCTION HOSE (NON-COLLAPSIBLE)
- 12

INSTALL FLOAT AS RECOMMENDED BY 45-DEG FOOT VALVE MANUFACTURER.
- 13

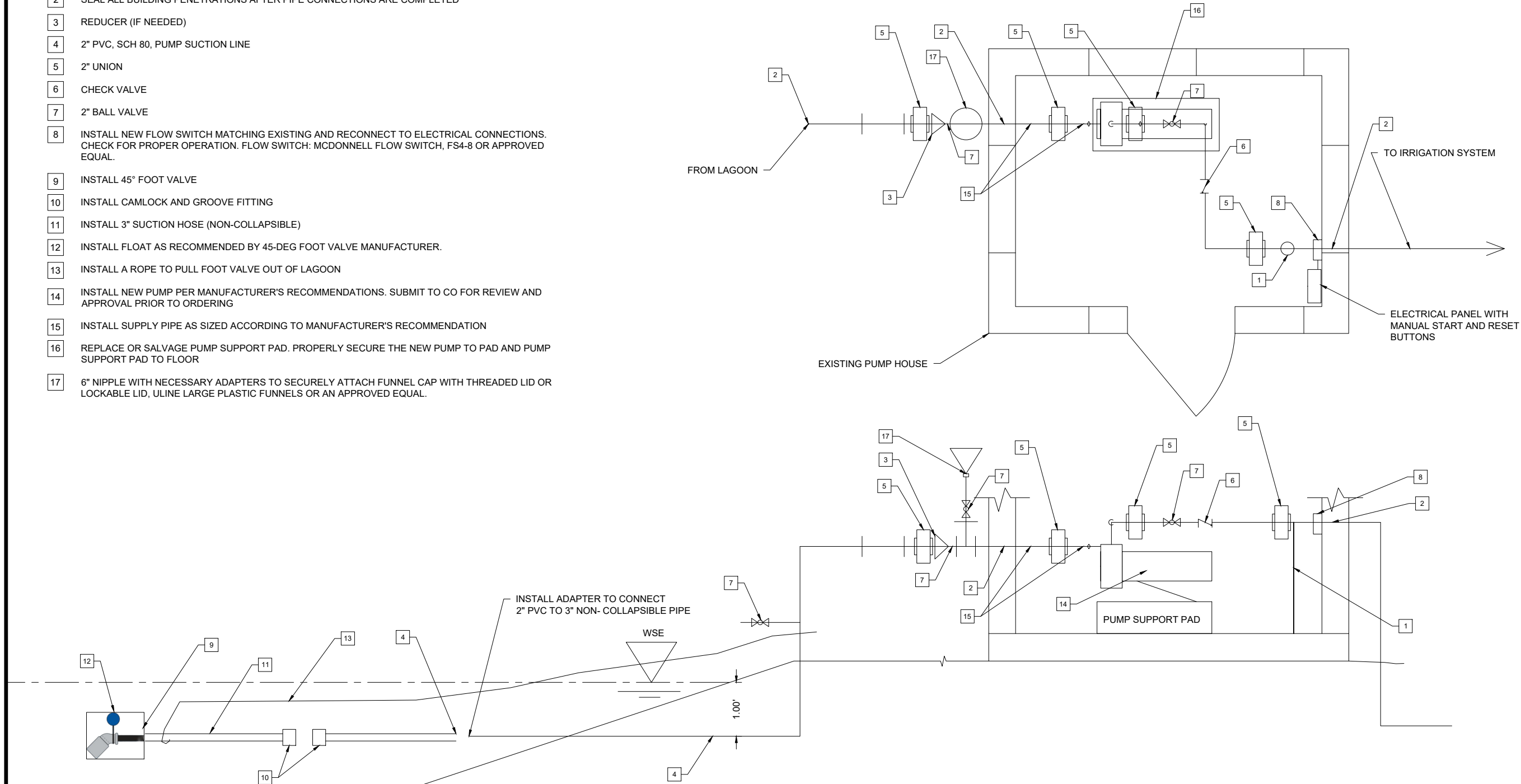
INSTALL A ROPE TO PULL FOOT VALVE OUT OF LAGOON
- 14

INSTALL NEW PUMP PER MANUFACTURER'S RECOMMENDATIONS. SUBMIT TO CO FOR REVIEW AND APPROVAL PRIOR TO ORDERING
- 15

INSTALL SUPPLY PIPE AS SIZED ACCORDING TO MANUFACTURER'S RECOMMENDATION
- 16

REPLACE OR SALVAGE PUMP SUPPORT PAD. PROPERLY SECURE THE NEW PUMP TO PAD AND PUMP SUPPORT PAD TO FLOOR
- 17

6" NIPPLE WITH NECESSARY ADAPTERS TO SECURELY ATTACH FUNNEL CAP WITH THREADED LID OR LOCKABLE LID, ULINE LARGE PLASTIC FUNNELS OR AN APPROVED EQUAL.



United States Department of Agriculture
Forest Service

R3
SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS

4		
3		
2		
1		
NO.	REVISION / ISSUE	DATE

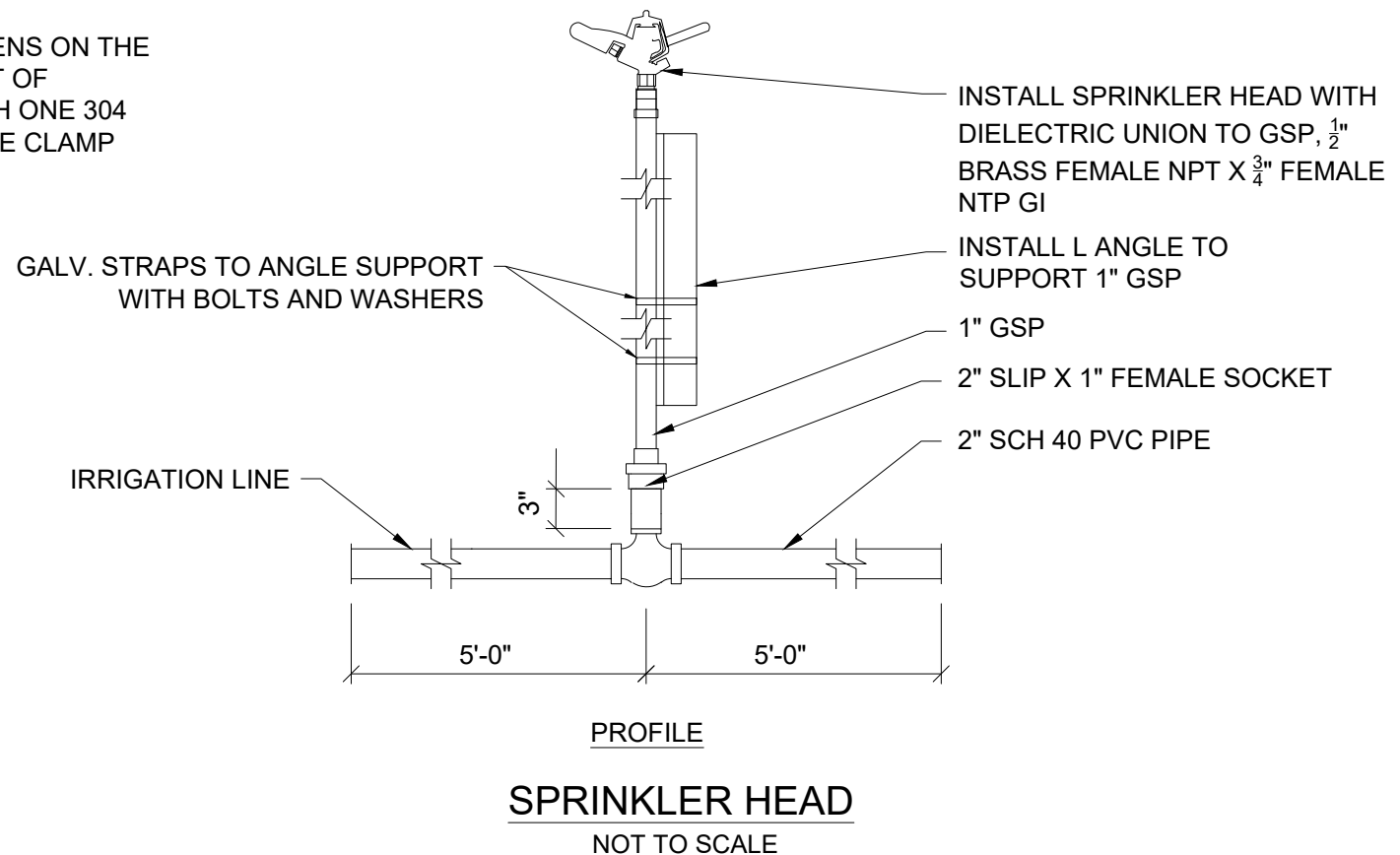
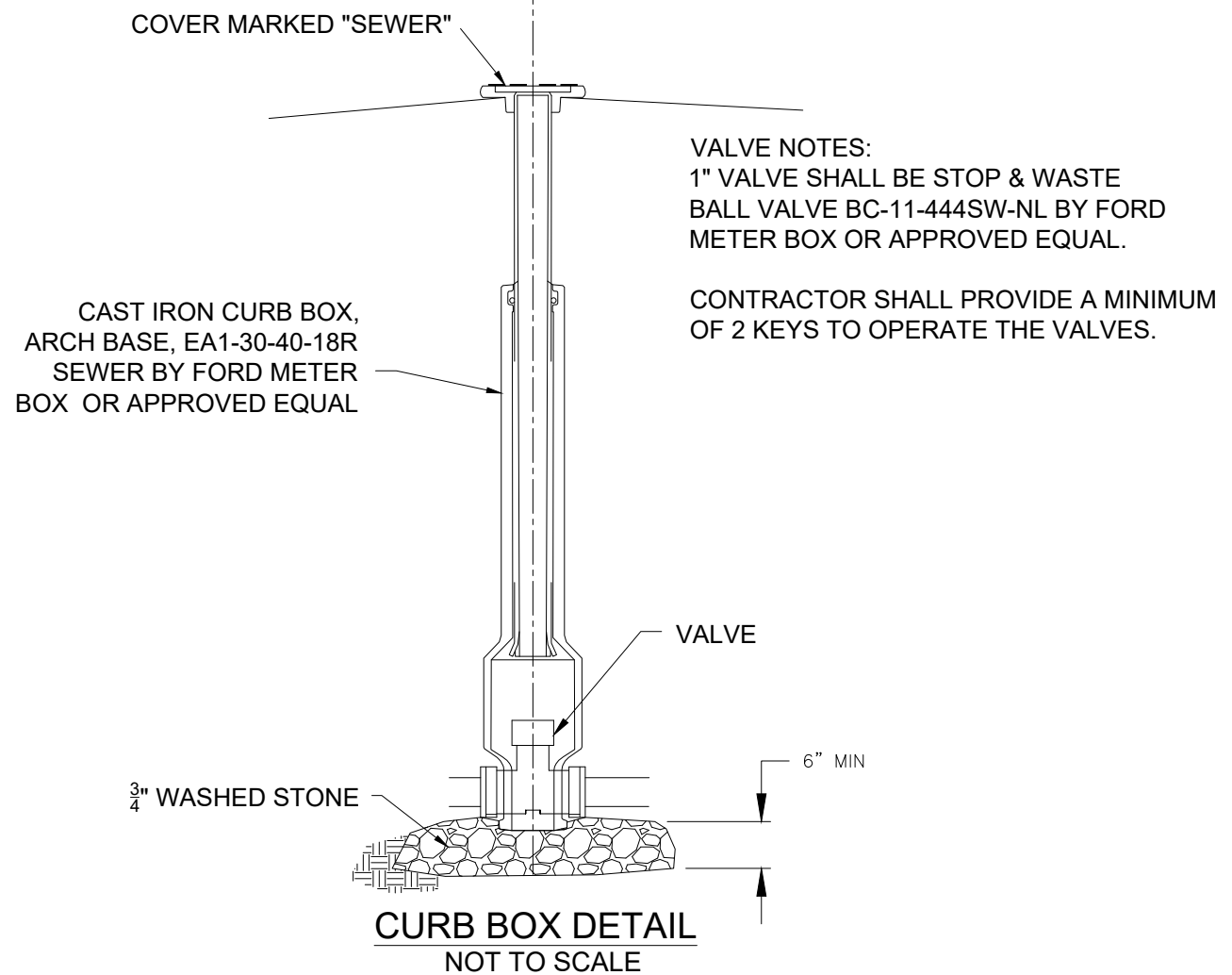
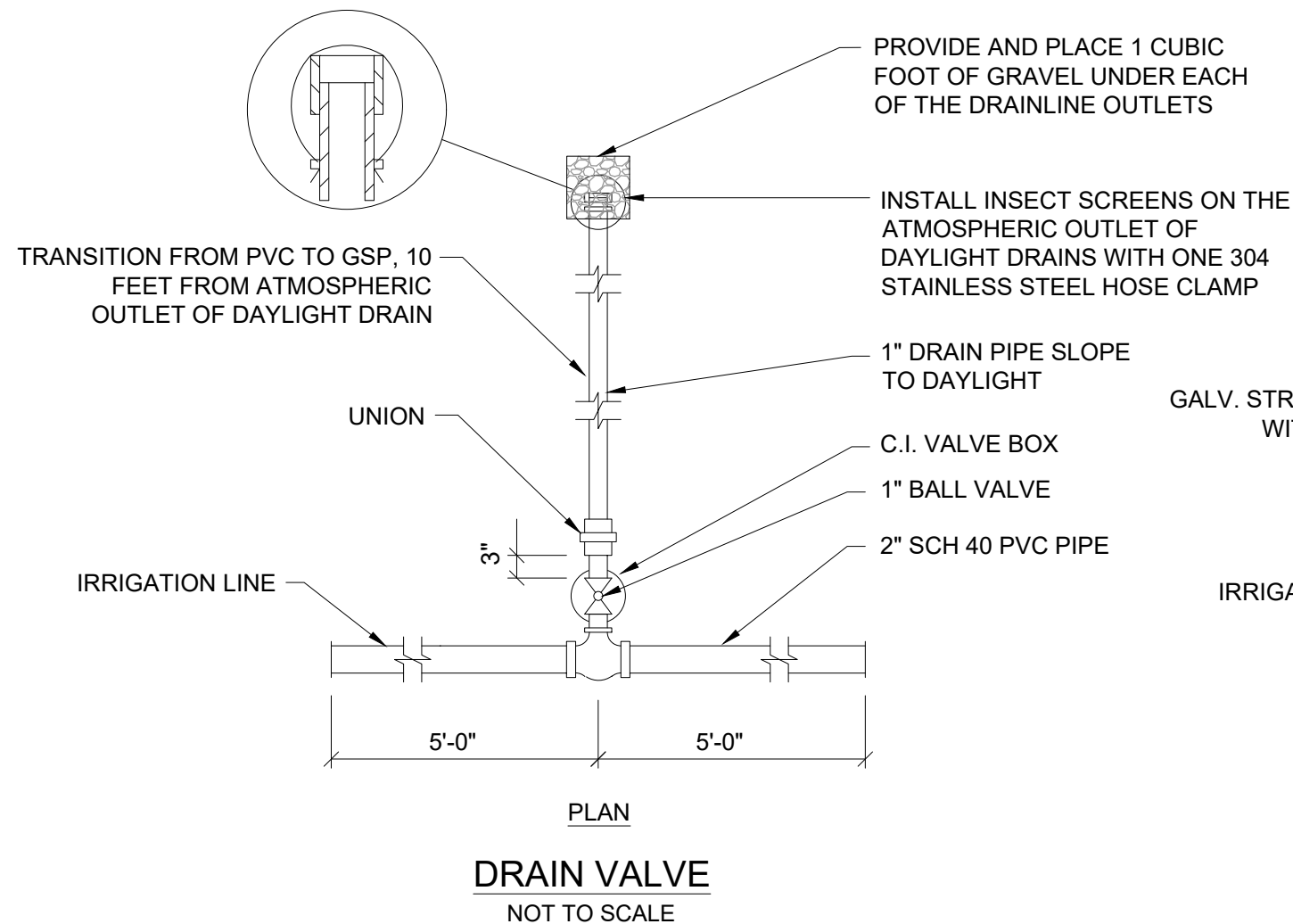
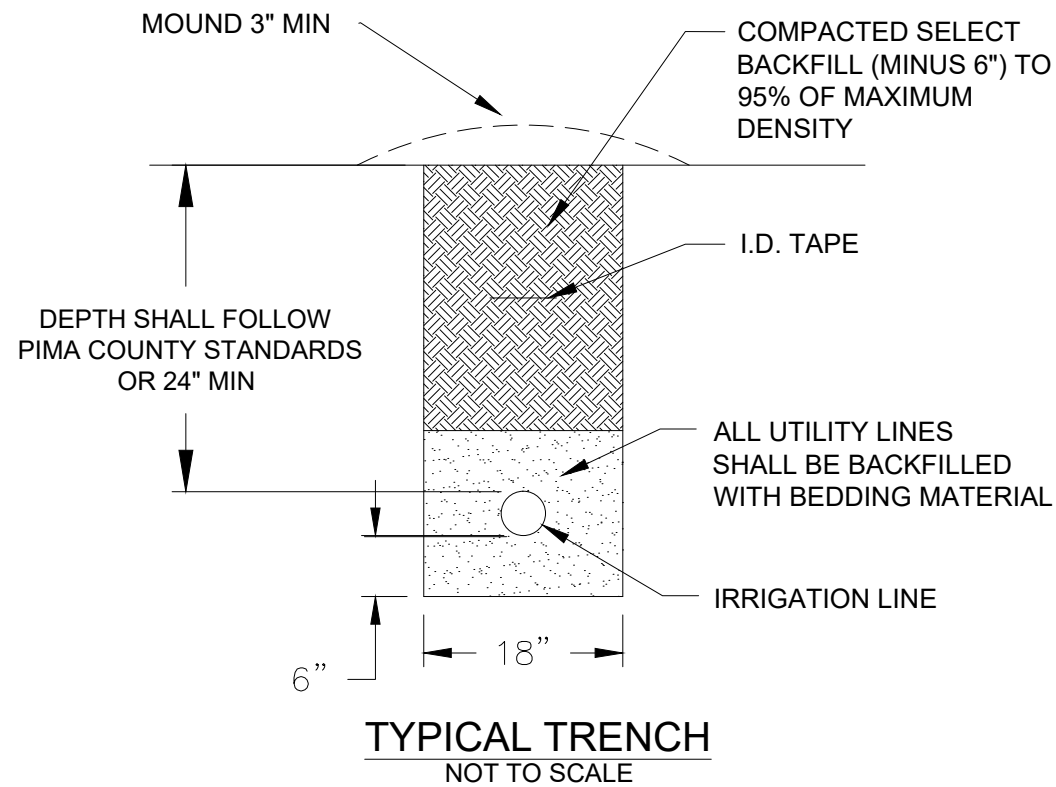
PROJECT NAME
**PALISADES
LAGOON LINER
AND EFFLUENT
SPRINK. SYSTEM
REPLACEMENT**
CORONADO NATIONAL
FOREST

SANTA CATALINA RANGER
DISTRICT

DRAWING TITLE
PUMP HOUSE DETAILS

DATE 01/21/2026	ARCHIVE NO.
DESIGNER TW	DRAWING SHEET NO. C-08
DRAWN CAT	
CHECKED RO	
PROJECT NO.	SHEET 009 OF 13

1/21/26 08:16 CARLUSTOMAS G:\WORKING DESKTOP\PALISADES\FINAL DOCS\WASTE WATER SYSTEM 2021\100% LAGOON PLANS NEW TEMPLATE.DWG.



United States Department of Agriculture
Forest Service

R3
SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS

4		
3		
2		
1		
NO.	REVISION / ISSUE	DATE

PROJECT NAME
**PALISADES
LAGOON LINER
AND EFFLUENT
SPRINK. SYSTEM
REPLACEMENT**
CORONADO NATIONAL
FOREST

SANTA CATALINA RANGER
DISTRICT

DRAWING TITLE
TYPICALS

DATE 01/21/2026	ARCHIVE NO.
DESIGNER TW	DRAWING SHEET NO. C-09
DRAWN CAT	
CHECKED RO	
PROJECT NO.	SHEET 010 OF 13



R3
SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS

4		
3		
2		
1		
NO.	REVISION / ISSUE	DATE

PROJECT NAME

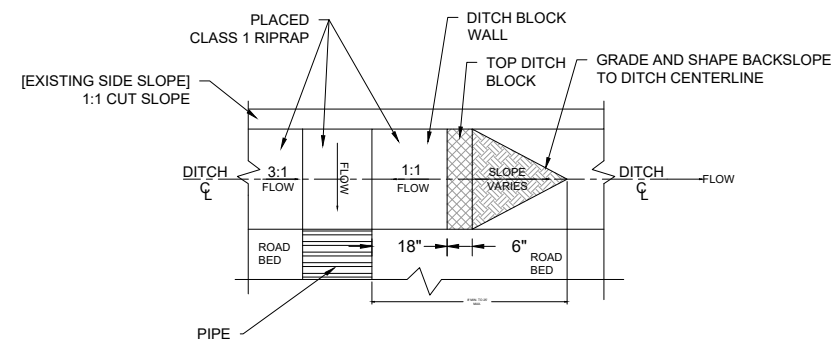
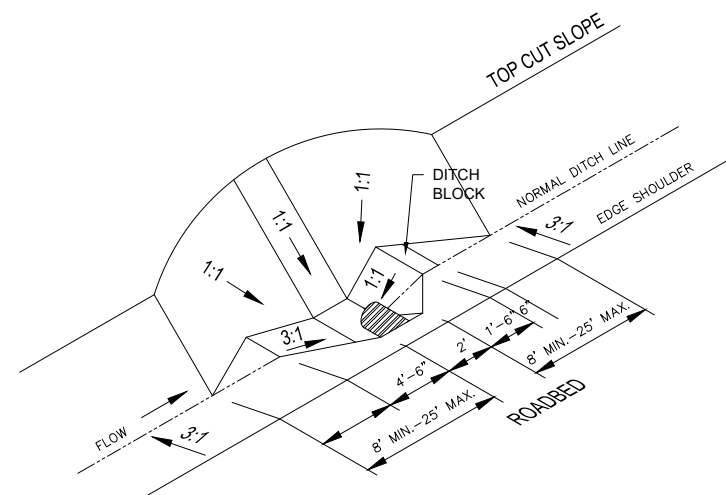
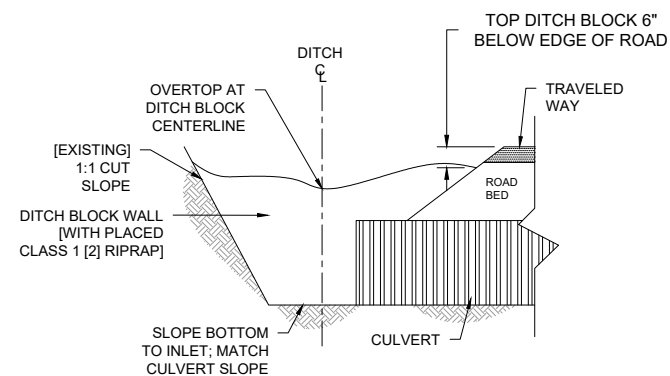
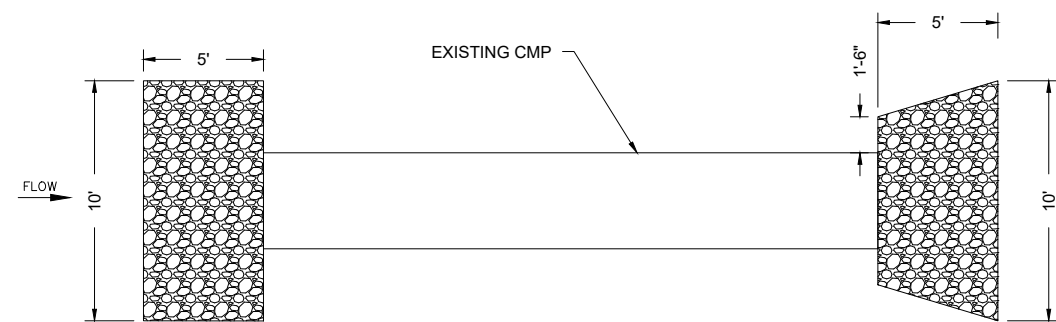
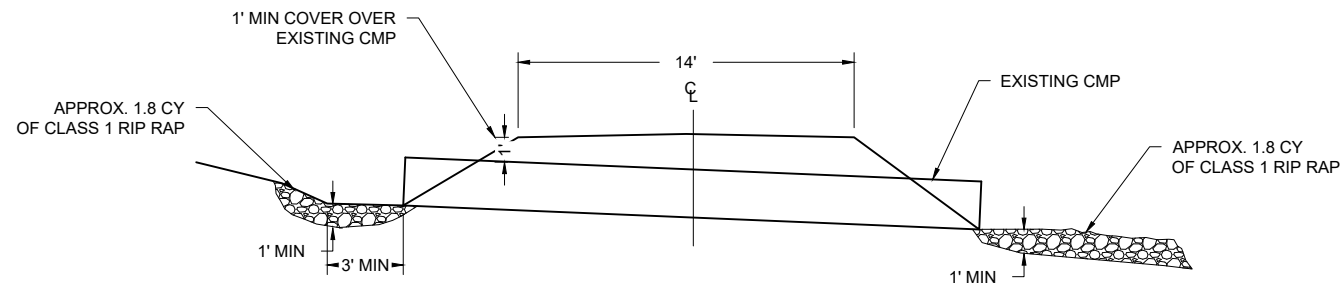
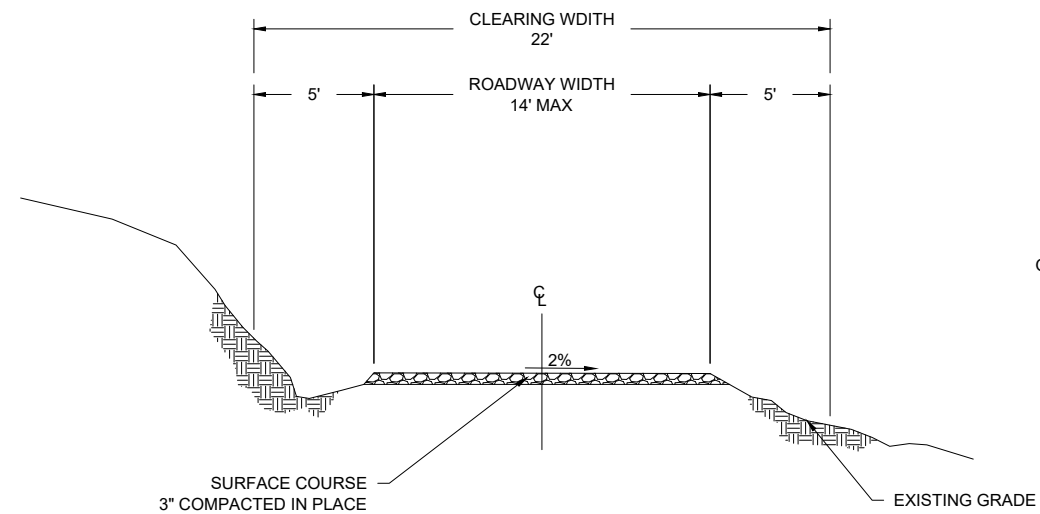
**PALISADES
LAGOON LINER
AND EFFLUENT
SPRINK. SYSTEM
REPLACEMENT
CORONADO NATIONAL
FOREST**

**SANTA CATALINA RANGER
DISTRICT**

DRAWING TITLE

TYPICALS

DATE 01/21/2026		ARCHIVE NO.	
DESIGNER TW		DRAWING SHEET NO.	
DRAWN CAT		C-10	
CHECKED RO			
PROJECT NO.		SHEET 011 OF 13	



United States Department of Agriculture
Forest Service

R3
SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS

4		
3		
2		
1		
NO.	REVISION / ISSUE	DATE

PROJECT NAME

**PALISADES
LAGOON LINER
AND EFFLUENT
SPRINK. SYSTEM
REPLACEMENT
CORONADO NATIONAL
FOREST**

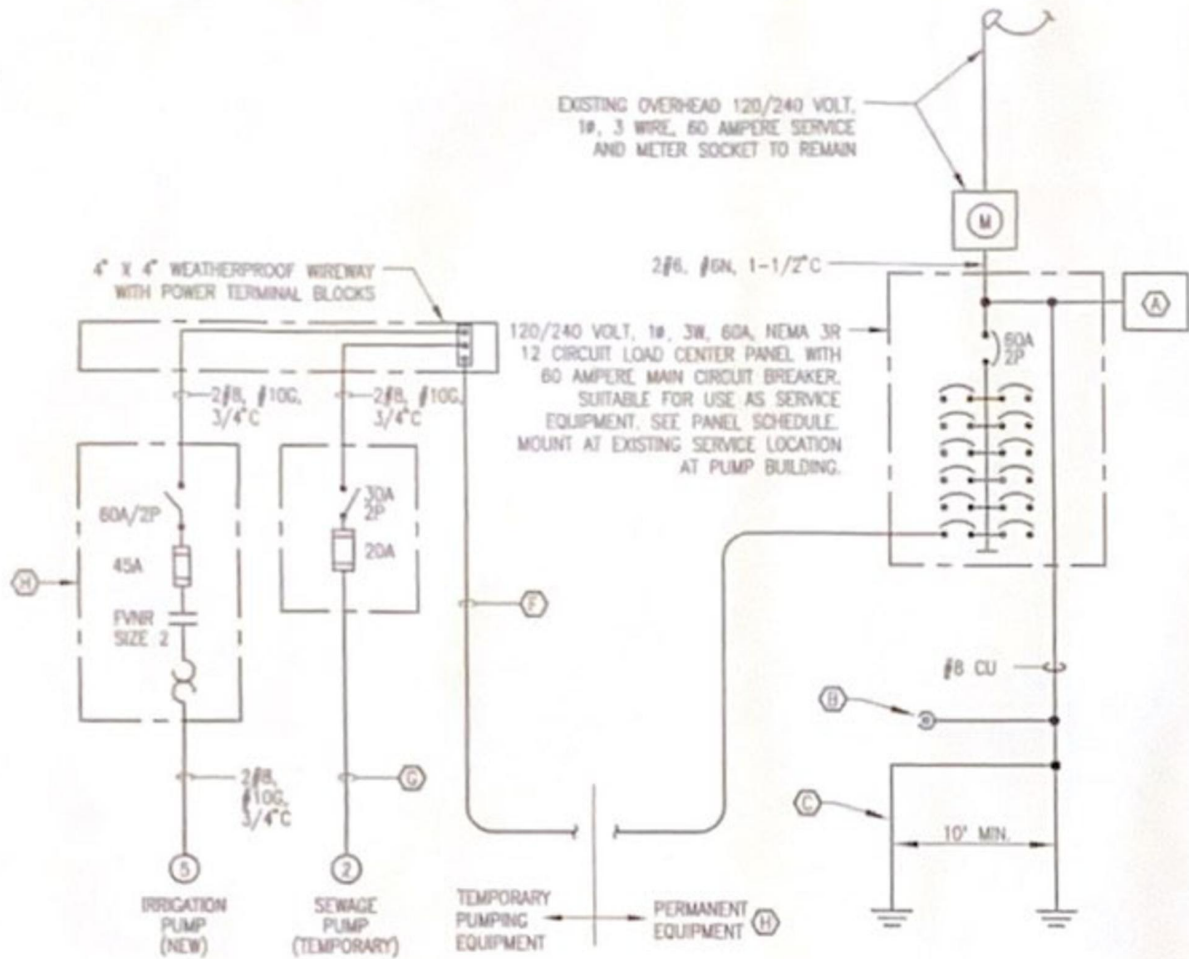
**SANTA CATALINA RANGER
DISTRICT**

DRAWING TITLE

ROAD TYPICAL DETAILS

DATE 01/21/2026	ARCHIVE NO.	
DESIGNER TW	DRAWING SHEET NO. C-11	
DRAWN CAT		
CHECKED RO		
PROJECT NO.	SHEET 012 OF 13	

1/12/26 08:16 CARLOS TOMAS G:\WORKING DESKTOP\PALISADES\FINAL DOCS\WASTE WATER SYSTEM 2021\100% LAGOON PLANS NEW TEMPLATE.DWG



SINGLE-LINE DIAGRAM
NO SCALE

PANEL SCHEDULE									
PANEL: "A"		AMPERE RATING: 60		MOUNTING: SURFACE					
VOLTS: 120/240		BUS MATERIAL: COPPER		ENCLOSURE: NEMA-3R					
PHASE: 1		MAIN DEVICE: 60A-MCB		BREAKERS: PLUG-ON					
WIRE: 3		SHORT CIRCUIT RATING: 10,000A							
LOAD DESCRIPTION	CON. WIRE SIZE	BKR	#	PHASE	LOAD-KVA	BKR	#	WIRE CON. SIZE	LOAD DESCRIPTION
BUILDING LIGHT	1/2 12	20	1	A	0.10 0.20	20	1	12 1/2	BUILDING RECEPTACLE
SPARE			13		0.20	4N			METERING PUMP RECEPTACLE
BUSSED SPACE			15			6I			SPARE
			17			8I			BUSSED SPACE
PUMP FEEDER	1-1/2 4	60	M9		4.80	10I			
			M11		4.80	12I			
TOTAL CONNECTED LOAD			5.10	5.00	HIGH LEG LOAD:				
*C=CONTINUOUS X 125% (NEC 220-10b)			0.13	----	$\frac{6.33 \text{ KVA}}{0.12 \text{ KV}} = 52.8 \text{ AMPERES}$				
N=NON-CONTINUOUS (NEC 220-10b)			0.20	0.20					
M=LARGEST MOTOR X 125% (NEC 220-14)			6.00	6.00					
TOTAL CALCULATED NEC LOAD			6.33	6.20					

LOAD STUDY

THE EXISTING 60 AMPERE 120/240 VOLT SERVICE IS ADEQUATE FOR THE 52.8 AMPERE LOAD SHOWN IN THE PANEL SCHEDULE.

ELECTRICAL SPECIFICATIONS AND GENERAL NOTES

- PERFORM WORK IN ACCORDANCE WITH THE 2023 EDITION NATIONAL ELECTRICAL CODE (NEC), AND OTHER ORDINANCES HAVING JURISDICTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE ELECTRIC UTILITY COMPANY. COMPANY TO DETERMINE DETAILS OF POWER REQUIREMENTS.
- PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THE WORK AS SHOWN AND SPECIFIED. EQUIPMENT REQUIRING ADJUSTMENTS ON CALIBRATIONS FOR PROPER OPERATION SHALL BE SET BY THE CONTRACTOR, AS SPECIFIED, AS DIRECTED BY THE FOREST SERVICE OR AS REQUIRED FOR PROPER OPERATION.
- THE LAYOUT OF THE CONTRACT, DRAWINGS IS DIAGRAMMATIC. IT IS NOT THE INTENT OF THESE PLANS AND/OR SPECIFICATIONS TO SHOW EVERY DETAIL OF CONSTRUCTION.
- CONTRACTOR SHALL ASSESS THE EXISTING ELECTRICAL AND FURNISH AND INSTALL ELECTRICAL LINE EXTENSION TO THE TEMPORARY WASTEWATER COLLECTION SYSTEM LOCATION. PROVIDE ALL REQUIREMENTS NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
- CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO SUBMITTING BID TO VERIFY ALL EXISTING CONDITIONS, LOCATIONS, DIMENSIONS AND COUNTS AS SHOWN AND/OR SPECIFIED.
- CONTRACTOR SHALL COORDINATE WITH OTHER TRADES TO DETERMINE ADEQUATE WIRES AND PROTECTION TO EXTEND TEMPORARY ELECTRICAL SERVICE FROM PUMPHOUSE.
- KEEP TEMPORARY UTILITIES PROTECTED FROM CONSTRUCTION TRAFFIC THROUGH OUT THE PROJECT.
- ALL REQUIRED SYSTEM SHUTDOWNS SHALL BE COORDINATED WITH THE FOREST SERVICE IN ADVANCE OF THE SHUTDOWN.
- WORK PERFORMED SHALL BE DONE BY A LICENSED AND/OR QUALIFIED ELECTRICIAN IN THE STATE OF ARIZONA AND ALL SYSTEMS SHALL BE TESTED IN PRESENCE OF FOREST SERVICE TO DEMONSTRATE THAT EQUIPMENT IS WORKING PROPERLY. DEFECTS SHALL BE RECTIFIED AT NO COST TO THE FOREST SERVICE.
- ELECTRICAL EQUIPMENT DEVICES AND MATERIAL SHALL BE NEW, UL LISTED FOR THE INTENDED USE AND SHALL MEET APPLICABLE NEMA, ANSI, AND ASTM STANDARDS.
- PROVIDE TEMPORARY DIRECT BURIAL CABLE FOR PUMP SUPPLY.
- ALL CONDUCTORS SHALL BE IN APPROVED RACEWAY.
- DO NOT USE PERFORATED STRAP IRON, PLUMBER'S TAPE OR TIE WIRE AS A RACEWAY OR DEVICE SUPPORT.



United States Department of Agriculture
Forest Service

R3
SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS

4		
3		
2		
1		
NO.	REVISION / ISSUE	DATE

PROJECT NAME

**PALISADES
LAGOON LINER
AND EFFLUENT
SPRINK. SYSTEM
REPLACEMENT
CORONADO NATIONAL
FOREST**

SANTA CATALINA RANGER
DISTRICT

DRAWING TITLE

**EXISTING ELECTRICAL
PANEL DIAGRAM**

DATE 01/21/2026	ARCHIVE NO.
DESIGNER TW	DRAWING SHEET NO.
DRAWN CAT	C-12
CHECKED RO	
PROJECT NO.	SHEET 013 OF 13