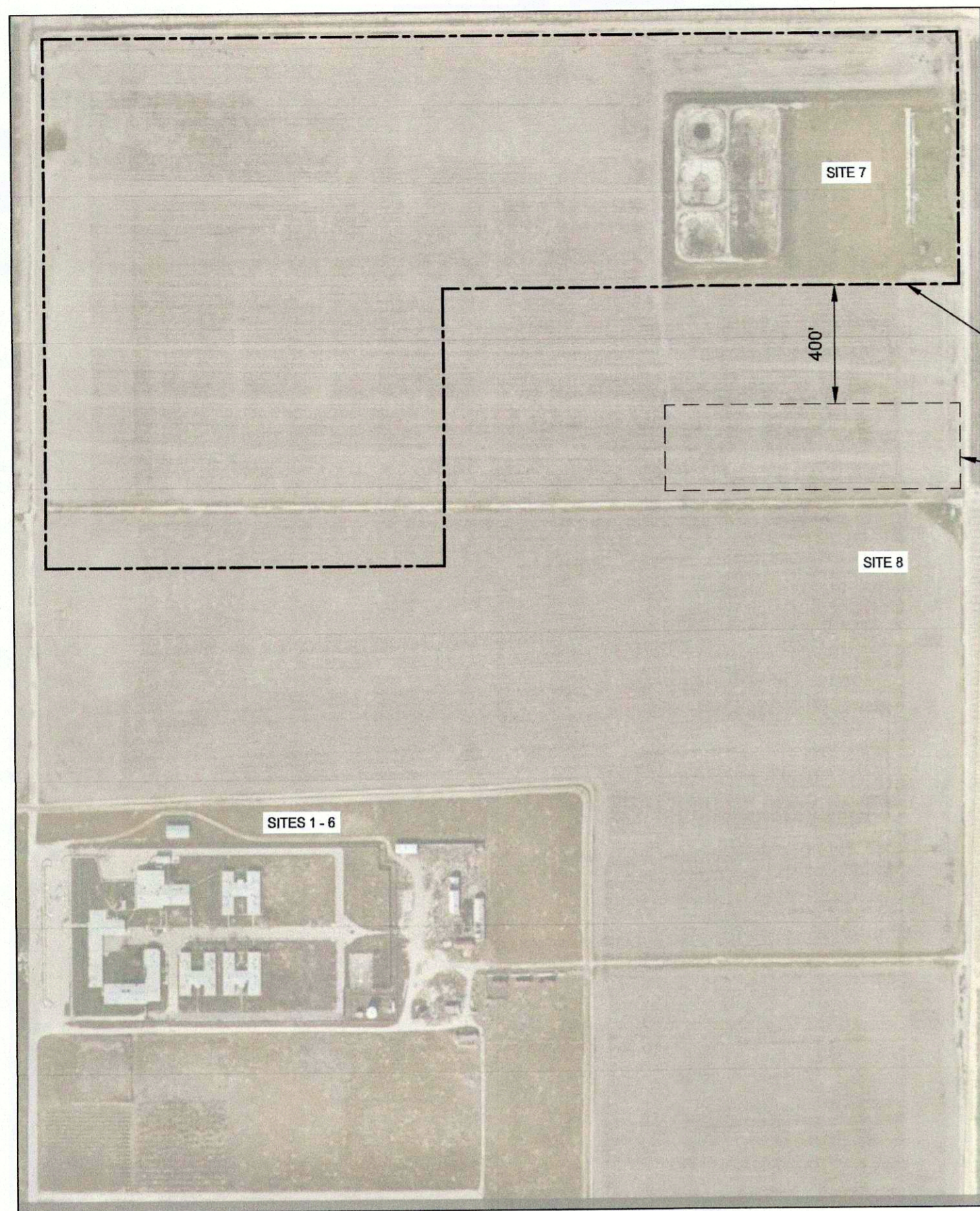


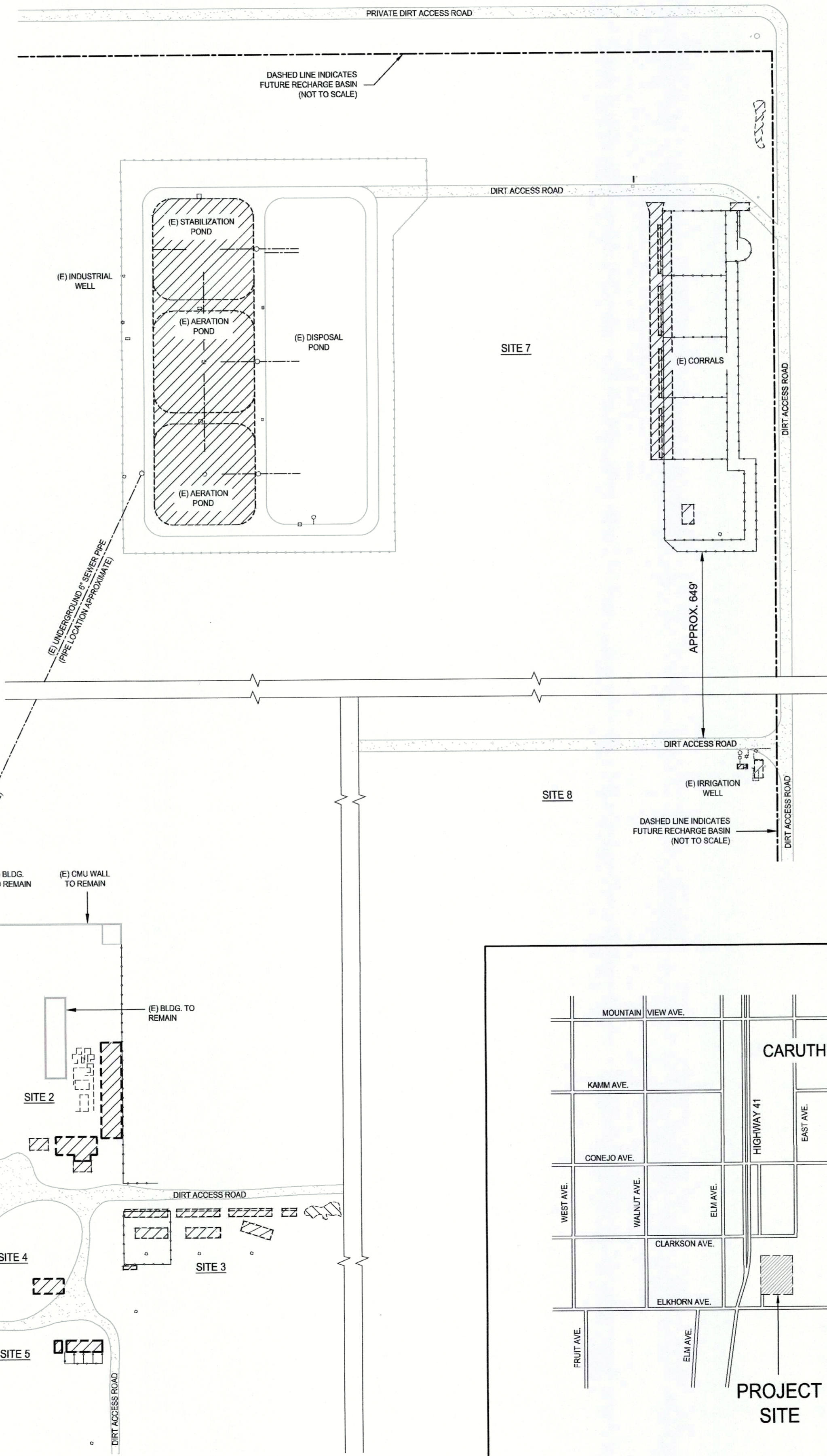
Fresno County Elkhorn Correctional Facility

Site Demolition & Debris Removal



APPROXIMATE FOOTPRINT OF FUTURE RECHARGE BASIN

DISPOSAL AREA. SEE KEY NOTE 21 ON SHEET A1.0



Scope of Work

THE SCOPE OF WORK FOR THE SITE DEMOLITION AND HAUL OF DEBRIS INCLUDES, BUT IS NOT LIMITED TO:

- SITE 1 - DEMOLISH AND REMOVE:**
- DOUBLE-WIDE TRAILER WITH WOOD-FRAMED STRUCTURE AND TRAILER FOUNDATION, METAL EXTERIOR WALLS AND ROOF.
 - CHAIN LINK FENCE ON NORTH, EAST, AND WEST SIDES OF THE TRAILER.
 - TWO (2) LIGHT POLES.
 - CONCRETE MOW STRIP.
- SITE 2 - DEMOLISH AND REMOVE:**
- TWO (2) SINGLE-STORY WOOD-FRAMED STRUCTURES WITH CONCRETE SLAB-ON-GRADE FOUNDATION, METAL EXTERIOR WALLS, WITH METAL ROOFING.
 - SINGLE-STORY WOOD-FRAMED MAZE STRUCTURE WITH ASPHALT FOUNDATION, WOOD EXTERIOR WALLS, WITH NO ROOF.
 - THREE (3) VACANT CONCRETE SLABS.
 - ALL TRASH AND DEBRIS FROM SURROUNDING AREAS AT EXISTING STRUCTURES TO REMAIN.
- SITE 3 - DEMOLISH AND REMOVE:**
- THREE (3) WOOD-FRAMED METAL ROOFED SHADE STRUCTURES.
 - EXISTING TUBE STEEL GUARD RAILS.
 - EXISTING RAMP STRUCTURE.
 - FOUR (4) EXISTING CONCRETE PIPE SECTIONS.
 - EXISTING CONCRETE WATER TROUGH. SPREAD AND SCARIFY SOILS UNDER SHADE STRUCTURES AND BACKFILL TO GRADE LEVEL WITH NATIVE SOIL.
- SITE 4 - DEMOLISH AND REMOVE:**
- SINGLE-STORY WOOD-FRAMED STRUCTURE WITH FOUNDATION, FIBERGLASS paneled exterior walls and roof.
- SITE 5 - DEMOLISH AND REMOVE:**
- SINGLE-STORY WOOD-FRAMED STRUCTURE WITH CONCRETE SLAB-ON-GRADE FOUNDATION, WOOD EXTERIOR WALLS, WITH METAL ROOF.
 - SINGLE-STORY WOOD-FRAMED STRUCTURE WITH PIER AND POST FOUNDATION, WOOD EXTERIOR WALLS, WITH METAL ROOF.
 - TUBE STEEL GUARD RAILS, SURROUNDING METAL POSTS WITH CONCRETE FOOTINGS, AND ANY ASSOCIATED FENCING.
 - ONE (1) EXISTING CONCRETE PIPE SECTION.
- SITE 6 - DEMOLISH AND REMOVE:**
- EXISTING LIFT STATION AND VALVE VAULT. SEE "LIFT STATION & VALVE VAULT DEMOLITION" NOTE ON A1/A1.0.
- SITE 7 - DEMOLISH AND REMOVE:**
- ALL CORRAL COMPONENTS INCLUDING CONCRETE SLABS, CONCRETE TROUGH, SHADE STRUCTURE, AND FENCING.
 - TWO (2) POND AERATORS, ONE (1) LIGHT POST, ONE (1) RECLAIM PUMP, ALL POND PIPING, AND ALL OTHER POND EQUIPMENT. OVER-EXCAVATE THREE (3) SOIL CEMENT LINED PONDS.
 - INDUSTRIAL WELL, PER "WELL DESTRUCTION REQUIREMENTS," SEE DETAIL E8/A1.3. LOCATE AND TRACE EXISTING UNDERGROUND SEWER PIPING, CUT AND CAP OFF ENDS OF PIPE AT SPECIFIED LOCATION.
- SITE 8 - DEMOLISH AND REMOVE:**
- CONCRETE SLAB, ELECTRICAL PANEL, LIGHT POST, AND ALL OTHER IRRIGATION WELL COMPONENTS.
 - IRRIGATION WELL, PER "WELL DESTRUCTION REQUIREMENTS," SEE DETAIL E17/A1.3.

Building Data

OWNER:	COUNTY OF FRESNO																		
ADDRESS:	500 E ELKHORN AVE. CARUTHERS, CA 93609																		
APN:	042-043-51ST																		
APPROXIMATE AREA OF DEMOLITION:	<table border="1"> <tr> <td>SITE 1</td> <td>7,626 SQ. FT.</td> </tr> <tr> <td>SITE 2</td> <td>10,833 SQ. FT.</td> </tr> <tr> <td>SITE 3</td> <td>29,051 SQ. FT.</td> </tr> <tr> <td>SITE 4</td> <td>734 SQ. FT.</td> </tr> <tr> <td>SITE 5</td> <td>1,635 SQ. FT.</td> </tr> <tr> <td>SITE 6</td> <td>160 SQ. FT.</td> </tr> <tr> <td>SITE 7</td> <td>111,349 SQ. FT.</td> </tr> <tr> <td>SITE 8</td> <td>951 SQ. FT.</td> </tr> <tr> <td>TOTAL:</td> <td>162,339 SQ. FT. (3.7 ACRES)</td> </tr> </table>	SITE 1	7,626 SQ. FT.	SITE 2	10,833 SQ. FT.	SITE 3	29,051 SQ. FT.	SITE 4	734 SQ. FT.	SITE 5	1,635 SQ. FT.	SITE 6	160 SQ. FT.	SITE 7	111,349 SQ. FT.	SITE 8	951 SQ. FT.	TOTAL:	162,339 SQ. FT. (3.7 ACRES)
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SITE 7	111,349 SQ. FT.																		
SITE 8	951 SQ. FT.																		
TOTAL:	162,339 SQ. FT. (3.7 ACRES)																		

Governing Codes

- 2022 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE
- 2022 CALIFORNIA BUILDING CODE
- 2022 CALIFORNIA ELECTRICAL CODE
- 2022 CALIFORNIA MECHANICAL CODE
- 2022 CALIFORNIA PLUMBING CODE
- 2022 CALIFORNIA ENERGY CODE
- 2022 CALIFORNIA FIRE CODE
- 2022 CALIFORNIA REFERENCED STANDARDS
- FRESNO COUNTY ORDINANCE CODE, TITLE 15

Drawing Sheet Index

- G1.0 COVER SHEET, OVERALL SITE PLAN
- A1.0 DEMOLITION SITE PLAN
- A1.1 PHOTOS OF EXISTING CONDITIONS SITES 1-3
- A1.2 PHOTOS OF EXISTING CONDITIONS SITES 4-8
- A1.3 WELL DESTRUCTION REQUIREMENTS, SPECS. & DETAILS



LICENSED ARCHITECT
NEIL ROGER DAVIDSON
STATE OF CALIFORNIA
REN: 10-31-23

ARCHITECT:
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General Notes

- THE ELKHORN JUVENILE CORRECTIONAL FACILITY IS LOCATED ON A 317-ACRE PARCEL IN SOUTHERN FRESNO COUNTY, CALIFORNIA. THE FACILITY HAS BEEN ABANDONED FOR AT LEAST 10 YEARS.
- THIS PROJECT IS FOR DEMOLITION AND HAULING PURPOSES ONLY. TO DATE, KNOWN ASBESTOS AND OTHER HAZARDOUS MATERIALS HAVE BEEN REMOVED FROM THE SITE. IN THE EVENT ANY SUSPECTED ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE DISCOVERED DURING THE WORK, CEASE WORK AT THAT LOCATION, NOTIFY THE ARCHITECT IMMEDIATELY, AND WAIT FOR WRITTEN INSTRUCTIONS ON HOW TO PROCEED.
- IT IS UNKNOWN IF ELECTRICAL POWER IS ACTIVE AT SITES SHOWN ON THE DRAWINGS. PRIOR TO EXCAVATION AND DEMOLITION WHERE KNOWN ELECTRICAL WIRINGS AND DEVICES ARE EVIDENT, TEST FOR LIVE POWER TO DETERMINE IF LINES ARE ACTIVE. WHERE POWER IS BEING FED TO SERVICE PANELS VIA POLE, COORDINATE WITH PG&E TO DISCONNECT POWER FROM TRANSFORMERS PRIOR TO STARTING WORK.
- SITES 1, 2, 3, 5 AND 6 ARE LOCATED WHERE THE COUNTY PLANS ON CONSTRUCTING A FUTURE SHERIFF'S TRAINING FACILITY.
- SITES 7 AND 8 ARE LOCATED WITHIN AN AREA WHERE THE COUNTY PLANS TO CONSTRUCT A FUTURE RECHARGE FACILITY AND WILL REQUIRE PARTIAL DEMOLITION OF EXISTING WASTEWATER TREATMENT PONDS, AND WASTEWATER PIPE AND EQUIPMENT AS SHOWN ON THE DRAWINGS.
- NOTE: AT THE COMPLETION OF THE PROJECT THE COUNTY HAS THE FOLLOWING EXPECTATIONS:
 - AT SITES 1, 2, 3, 4, 5 (OUTSIDE THE WASTEWATER TREATMENT FACILITY FENCE LINE), AND SITES 7 AND 8, THE SITES SHALL BE GRADED CLEAN WITH SURFACE DEBRIS REMOVED AND LEVEL WITHIN 4" (+/-) OF ADJACENT GRADES. DEBRIS OR RUBBLE LARGER THAN 4-INCHES CUBED OR DIAMETER SHALL BE REMOVED.
 - AT SITE 7 (WITHIN THE WASTEWATER TREATMENT FACILITY AND LOCATIONS SHOWN ON THE DRAWINGS), THE SITE SHALL BE FREE OF DEBRIS LARGER THAN 8-INCHES CUBED OR DIAMETER. TRENCHES, VOIDS AND POTHoles CREATED DURING EXCAVATION SHALL BE BACKFILLED OR GRADED SMOOTH TO WITHIN 4" (+/-) OF ADJACENT REMAINING SOIL.
 - AT SITE 8 ADJACENT PAVEMENT SHALL BE BROOMED CLEAN OF DEBRIS WITHIN A 15-FOOT RADIUS OF THE WORK AREA.

Project:
Elkhorn Correctional Facility - Site Demolition
500 E Elkhorn Ave. Caruthers, California 93609
APN: 042-043-51ST
Issue Date: -
Project No. T10035
File Path: G:\CapitalProjects\IACTIVE\Elkhorn Demo T10035

Sheet Content:

- Cover Sheet
- Project Data
 - Scope of Work
 - Site & Vicinity Map
 - Drawing Sheet Index

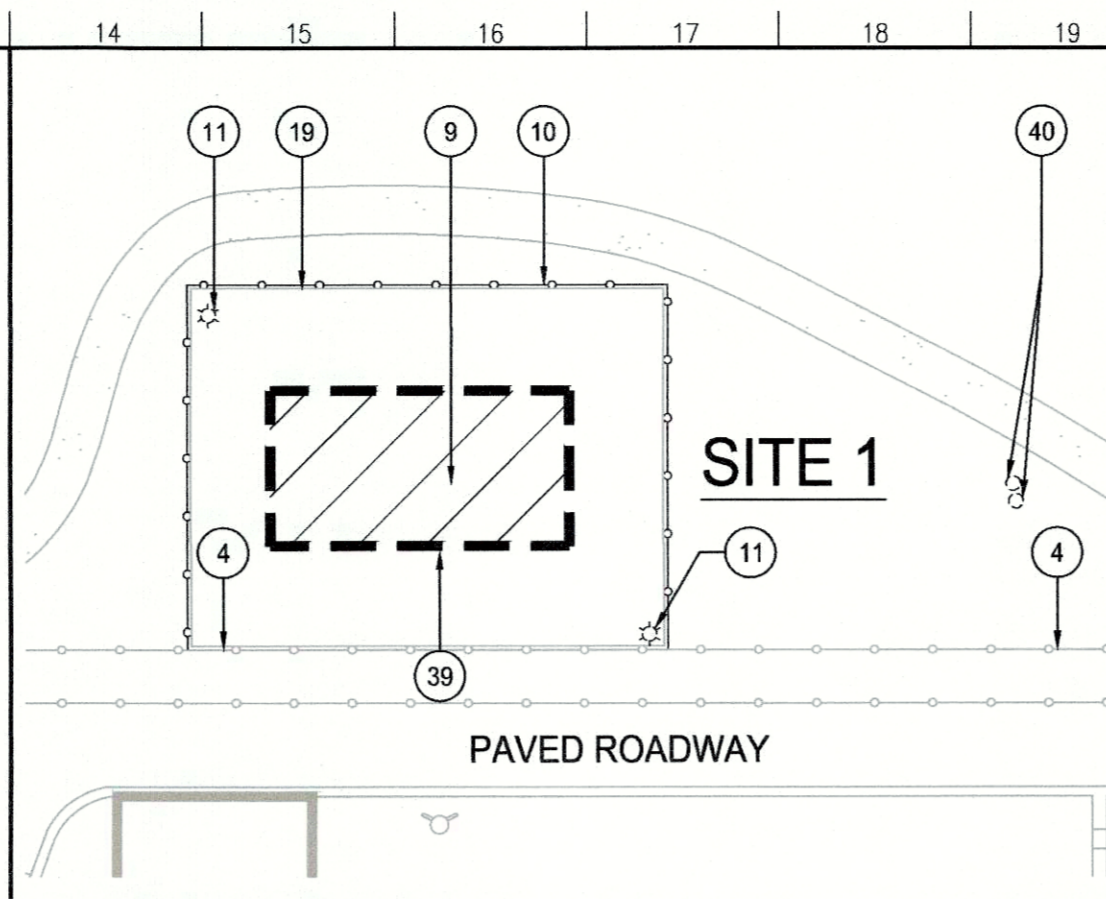
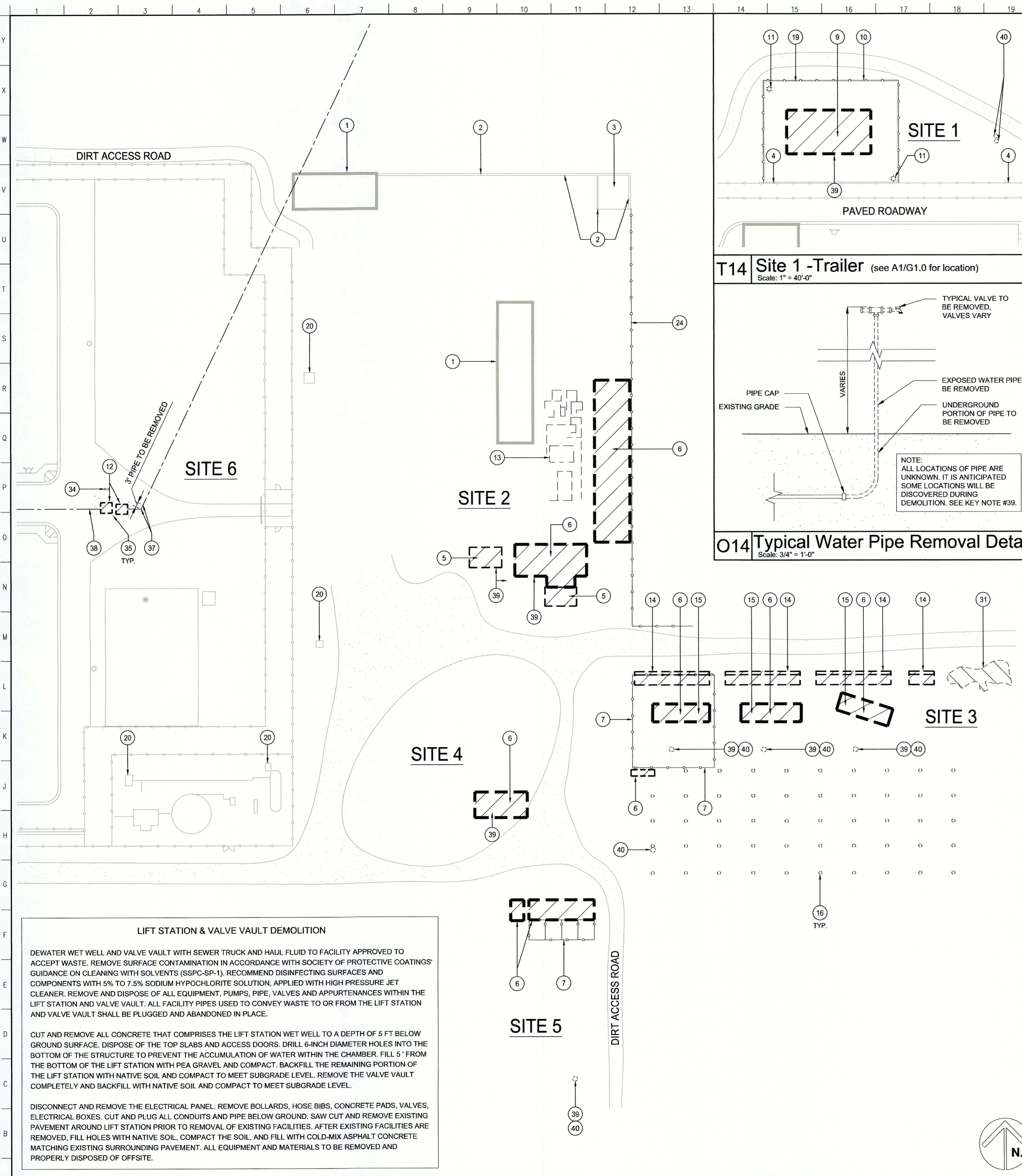
Fresno County Department of Public Works and Planning
Capital Projects

2220 Tulare Street, 8th Floor
Fresno, California 93721

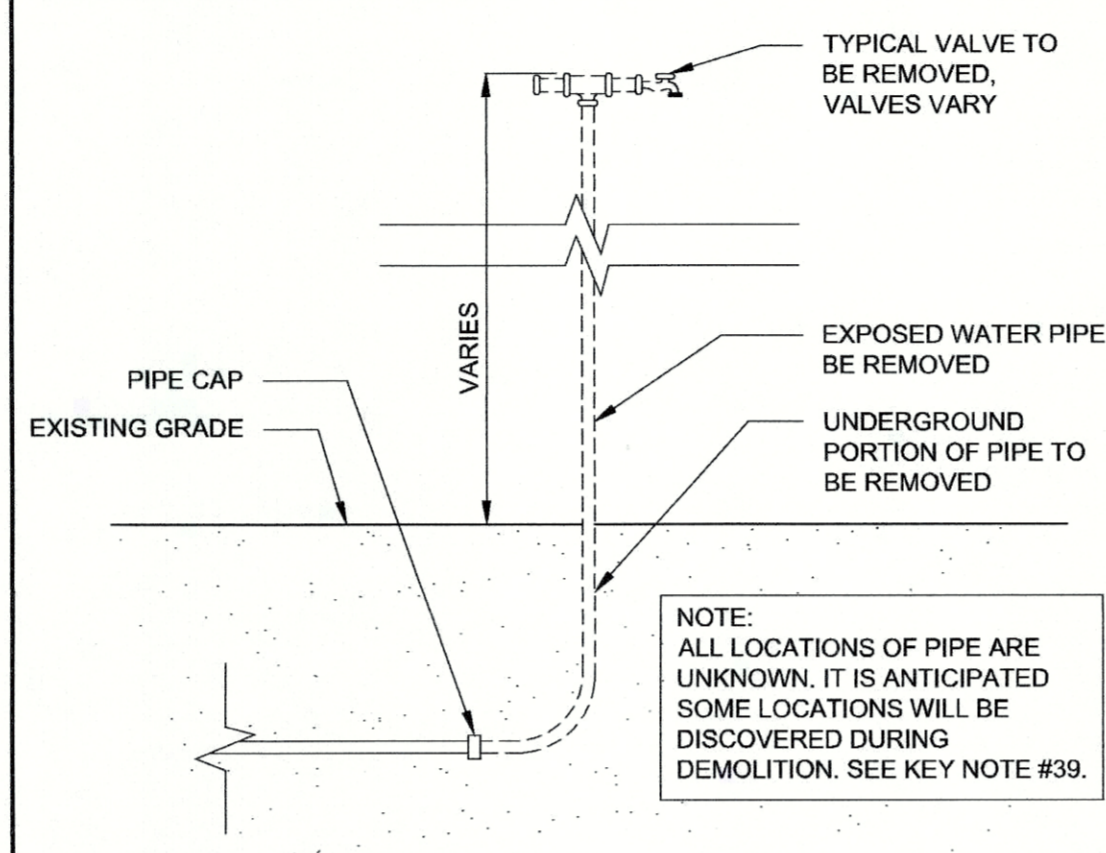
Sheet No.
G1.0

A1 Site Locations of Demolition & Debris Removal
Scale: 1" = 100'-0"

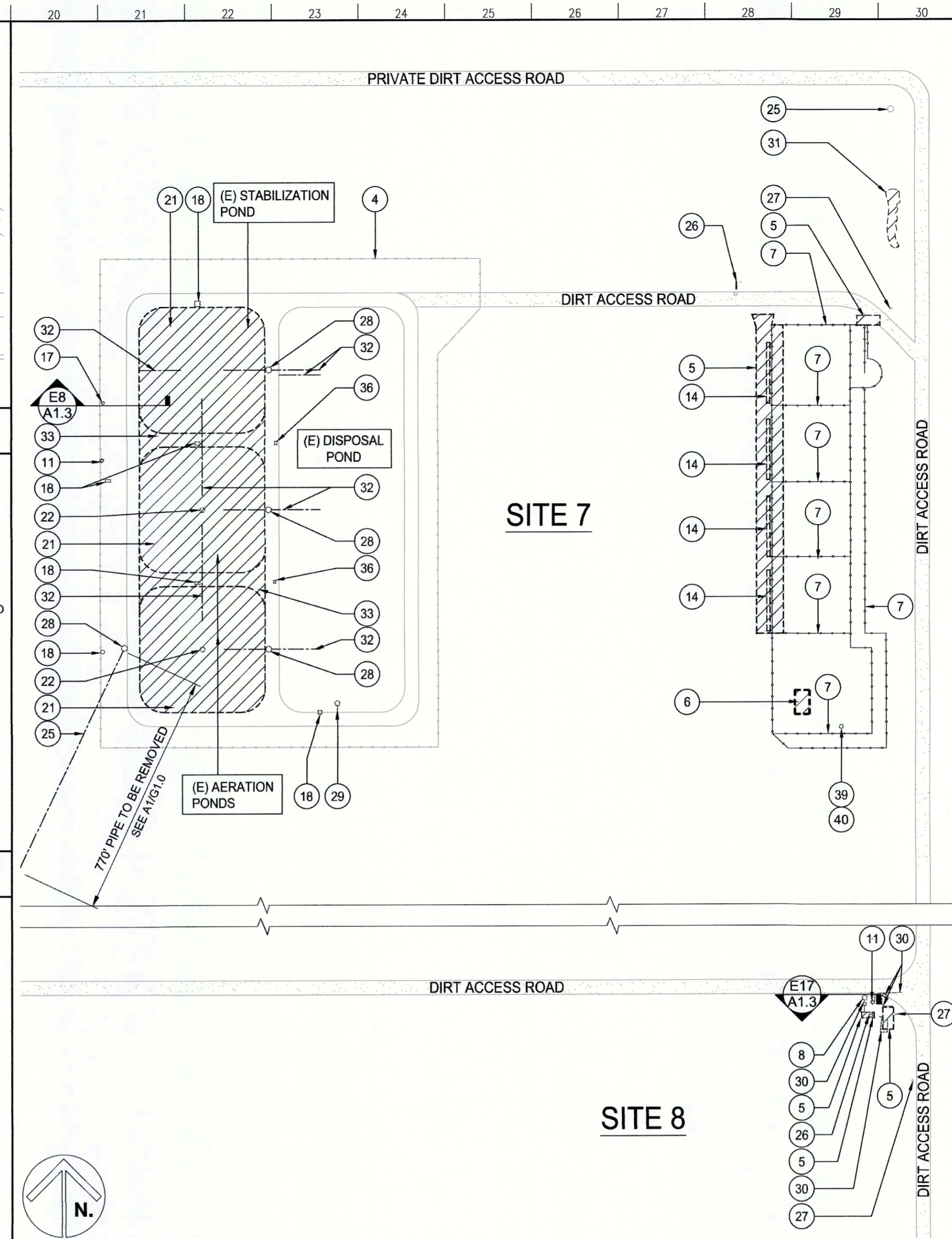
A19 Vicinity Map
No Scale



T14 Site 1 - Trailer (see A1/G1.0 for location)
Scale: 1" = 40'-0"



O14 Typical Water Pipe Removal Detail
Scale: 3/4" = 1'-0"



J20 Sites 7 & 8 - Ponds, Corral, & Wells (see A1/G1.0 for location)
Scale: 1" = 90'-0"

1. EXISTING STRUCTURE TO REMAIN.
2. EXISTING C.M.U. WALL TO REMAIN.
3. EXISTING CONCRETE SLAB TO REMAIN.
4. EXISTING FENCE TO REMAIN.
5. DEMOLISH & HAUL EXISTING CONCRETE SLAB.
6. DEMOLISH & HAUL EXISTING STRUCTURE & FOUNDATION.
7. DEMOLISH & HAUL EXISTING TUBE STEEL FENCE.
8. DESTROY EXISTING IRRIGATION WELL PER "WELL DESTRUCTION REQUIREMENTS" AND SPECIFICATIONS. SEE SHEET A1.3.
9. DEMOLISH EXISTING PORTABLE BUILDING & TRAILER.
10. DEMOLISH & HAUL 3 SIDES OF EXISTING CHAIN LINK FENCE SURROUNDING PORTABLE BUILDING.
11. DEMOLISH & HAUL EXISTING LIGHT POLE. PULL ALL WIRING & CONDUITS OUT OF THE GROUND.
12. REMOVE, DESTROY, & HAUL EXISTING LIFT STATION & VALVE VAULT PER "LIFT STATION & VALVE VAULT DEMOLITION" NOTE ON A1/A1.0.
13. DEMOLISH & HAUL EXISTING WOOD MAZE STRUCTURES.
14. DEMOLISH & HAUL EXISTING CONCRETE TROUGH.
15. SPREAD SOIL EVENLY THROUGHOUT THE SITE.
16. REMOVE & HAUL EXISTING METAL POSTS WITH CONCRETE FOOTINGS.
17. DESTROY EXISTING INDUSTRIAL WELL PER "WELL DESTRUCTION REQUIREMENTS" AND SPECS, SEE SHEET A1.3.
18. DEMOLISH & HAUL EXISTING POND EQUIPMENT.
19. DEMOLISH & HAUL EXISTING MOW STRIP.
20. EXISTING DOMESTIC WATER WELL TO REMAIN.
21. OVER-EXCAVATE EXISTING SOIL CEMENT LINED POND & 6" BELOW SOIL CEMENT. DISPOSE OF DEBRIS OUTSIDE AREA OF THE FUTURE RECHARGE POND.
22. DEMOLISH & HAUL EXISTING AERATOR, MOORING CABLES, AND ANCHORS.
23. DEMOLISH & HAUL EXISTING AERATOR, MOORING CABLES, AND ANCHORS.
24. DEMOLISH & HAUL EXISTING FENCING & POSTS.
25. EXISTING MONITORING WELL TO REMAIN.
26. LOCATE & TRACE EXISTING UNDERGROUND SEWER PIPE. CUT, REMOVE, & PROPERLY DISPOSE OF 770' OF SEWER PIPE. PLUG END OF SEWER PIPE AT SOUTH PERIMETER OF FUTURE RECHARGE BASIN. PIPE MATERIAL UNKNOWN.
27. EXISTING PG&E POWER POLE WITH TRANSFORMER. COORDINATE WITH PG&E TO ABANDON ELECTRICAL SERVICE TO EXISTING ELECTRICAL PANEL. SEE KEY NOTE 26.
28. DEMOLISH & HAUL EXISTING CONCRETE INFLUENT/EFFLUENT STRUCTURE.
29. DEMOLISH & HAUL EXISTING WET WELL AND RECLAIM WATER PUMP.
30. DEMOLISH & HAUL EXISTING WELL EQUIPMENT.
31. HAUL & REMOVE EXISTING DEBRIS PILE FROM SITE.
32. DEMOLISH & HAUL EXISTING PLUMBING LINE.
33. EXCAVATE EXISTING BERM AS NEEDED TO REMOVE PIPE.
34. REMOVE EXISTING ELECTRICAL PANEL, UNDERGROUND CONDUITS, & WIRING.
35. REMOVE & DISPOSE OF EIGHT (8) BOLLARDS & CONCRETE FOOTINGS AROUND LIFT STATION & VALVE VAULT. BACKFILL FOOTINGS WITH COMPACTED SAND. REPAIR ASPHALT WITH APPROVED COLD PATCH.
36. REMOVE & DISPOSE OF CONCRETE VAULT & LID.
37. REMOVE & DISPOSE THREE (3) ISOLATION VALVES & 3' OF SEWER PIPING. PLUG END OF PIPE.
38. SAW CUT & PLUG END OF THE PIPE.
39. EXCAVATE VERTICAL WATER PIPE TO HORIZONTAL PIPE CONNECTION. CAP AS NEEDED AT HORIZONTAL CONNECTION TO ABANDON. REMOVE & HAUL DEBRIS. ALLOW PRICE FOR VARIOUS LOCATIONS. SEE DETAIL O14/A1.0.
40. DEMOLISH & HAUL EXISTING CONCRETE PIPE.

A20 Key Note Legend

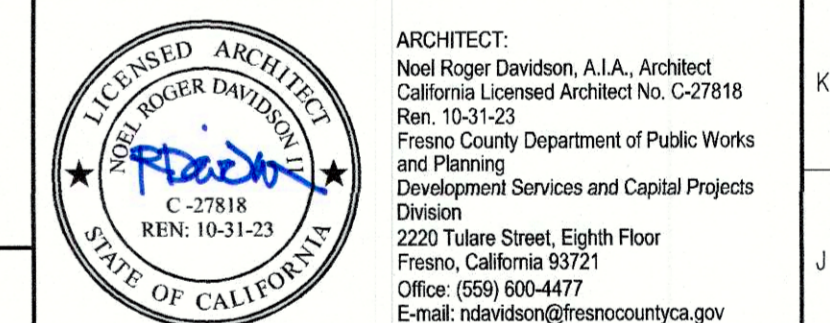
A1 Sites 2, 3, 4, 5, & 6 - Elkhorn Facility (see A1/G1.0 for location)
Scale: 1" = 40'-0"

LIFT STATION & VALVE VAULT DEMOLITION

DEWATER WET WELL AND VALVE VAULT WITH SEWER TRUCK AND HAUL FLUID TO FACILITY APPROVED TO ACCEPT WASTE. REMOVE SURFACE CONTAMINATION IN ACCORDANCE WITH SOCIETY OF PROTECTIVE COATINGS' GUIDANCE ON CLEANING WITH SOLVENTS (SSPC-SP-1). RECOMMEND DISINFECTING SURFACES AND COMPONENTS WITH 5% TO 7.5% SODIUM HYPOCHLORITE SOLUTION, APPLIED WITH HIGH PRESSURE JET CLEANER. REMOVE AND DISPOSE OF ALL EQUIPMENT, PUMPS, PIPE, VALVES AND APPURTENANCES WITHIN THE LIFT STATION AND VALVE VAULT. ALL FACILITY PIPES USED TO CONVEY WASTE TO OR FROM THE LIFT STATION AND VALVE VAULT SHALL BE PLUGGED AND ABANDONED IN PLACE.

CUT AND REMOVE ALL CONCRETE THAT COMPRISES THE LIFT STATION WET WELL TO A DEPTH OF 5 FT BELOW GROUND SURFACE. DISPOSE OF THE TOP SLABS AND ACCESS DOORS. DRILL 6-INCH DIAMETER HOLES INTO THE BOTTOM OF THE STRUCTURE TO PREVENT THE ACCUMULATION OF WATER WITHIN THE CHAMBER. FILL 5" FROM THE BOTTOM OF THE LIFT STATION WITH PEA GRAVEL AND COMPACT. BACKFILL THE REMAINING PORTION OF THE LIFT STATION WITH NATIVE SOIL AND COMPACT TO MEET SUBGRADE LEVEL. REMOVE THE VALVE VAULT COMPLETELY AND BACKFILL WITH NATIVE SOIL AND COMPACT TO MEET SUBGRADE LEVEL.

DISCONNECT AND REMOVE THE ELECTRICAL PANEL. REMOVE BOLLARDS, HOSE BIBS, CONCRETE PADS, VALVES, ELECTRICAL BOXES. CUT AND PLUG ALL CONDUITS AND PIPE BELOW GROUND. SAW CUT AND REMOVE EXISTING PAVEMENT AROUND LIFT STATION PRIOR TO REMOVAL OF EXISTING FACILITIES. AFTER EXISTING FACILITIES ARE REMOVED, FILL HOLES WITH NATIVE SOIL. COMPACT THE SOIL, AND FILL WITH COLD-MIX ASPHALT CONCRETE MATCHING EXISTING SURROUNDING PAVEMENT. ALL EQUIPMENT AND MATERIALS TO BE REMOVED AND PROPERLY DISPOSED OFFSITE.

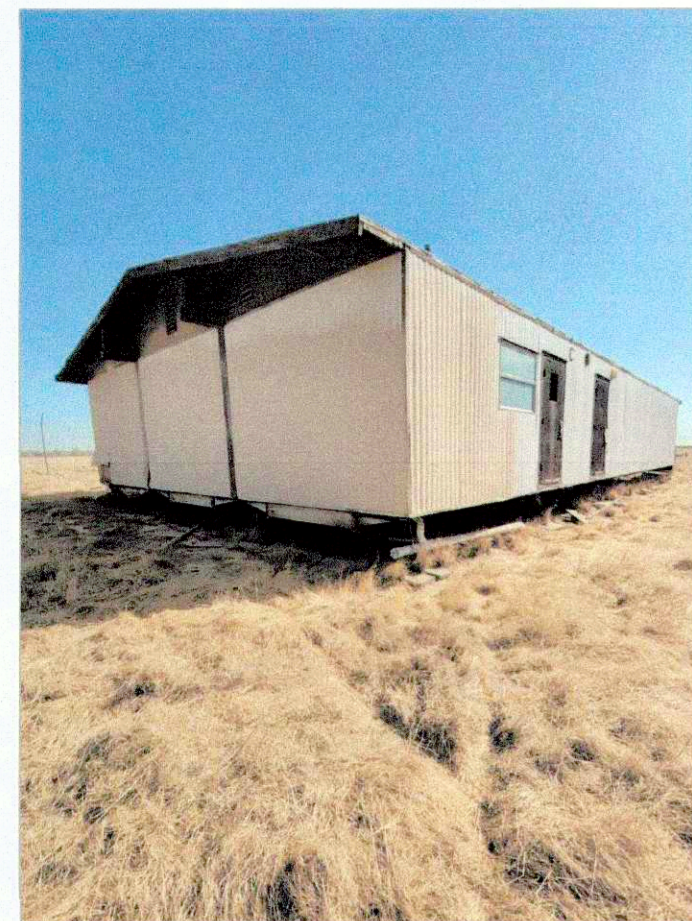


Project:
Elkhorn Correctional Facility - Site Demolition
500 E Elkhorn Ave., Caruthers, California 93609
APN: 042-043-51S1
Issue Date: -
Project No. T10035
File Path: G:\Capital\Projects\ACTIVE\Elkhorn Demo T10035

Sheet Content:
Demolition Site Plans

Fresno County Department of Public Works and Planning
Capital Projects
2220 Tulare Street, 8th Floor
Fresno, California 93721

Sheet No.
A1.0



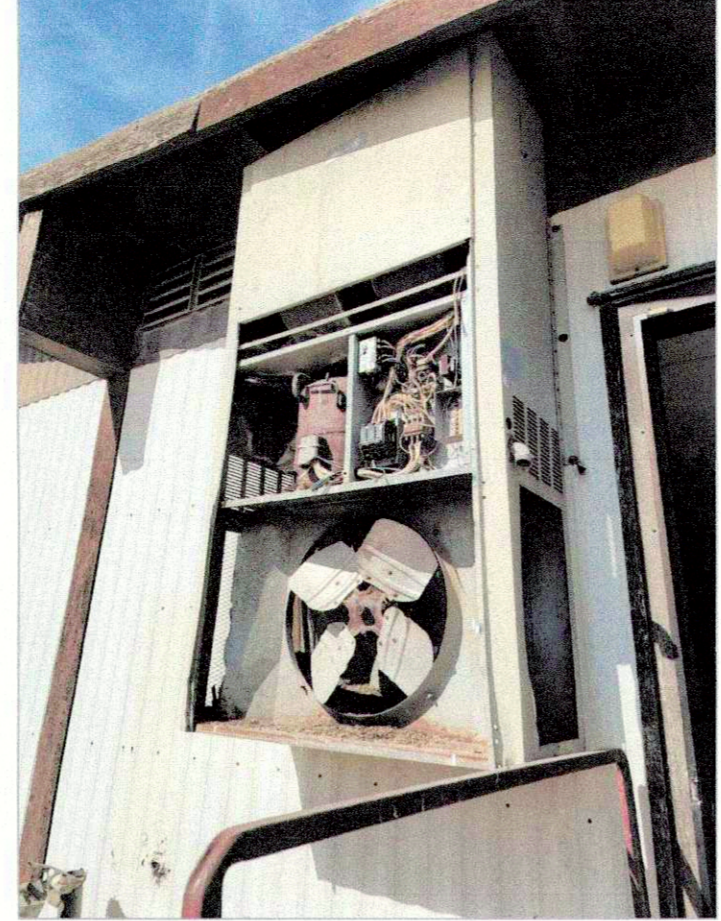
SEE SHEET A1.0, KEY NOTE 9



SEE SHEET A1.0, KEY NOTE 9



SEE SHEET A1.0, KEY NOTE 9



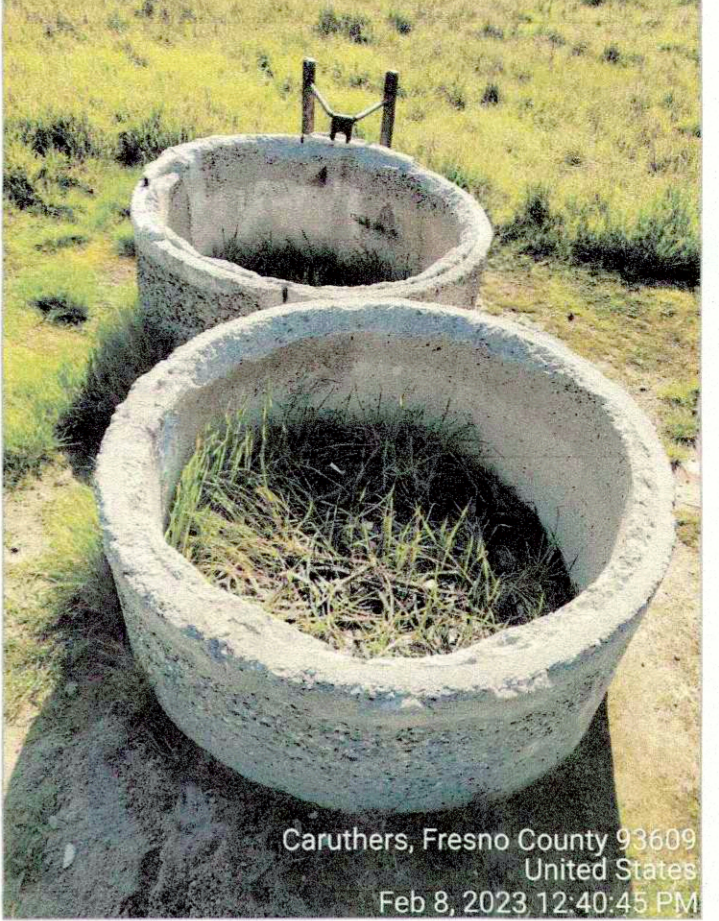
SEE SHEET A1.0, KEY NOTE 9



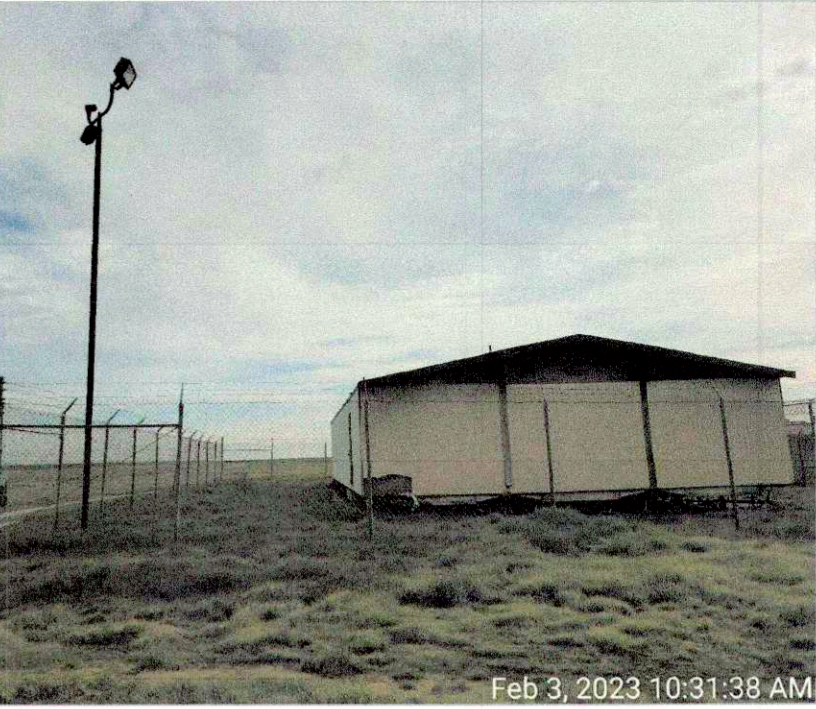
SEE SHEET A1.0, KEY NOTE 9



SEE SHEET A1.0, KEY NOTE 39



SEE SHEET A1.0, KEY NOTE 40



SEE SHEET A1.0, KEY NOTES 10, 11

S1 Site 1 - Structure & Foundation



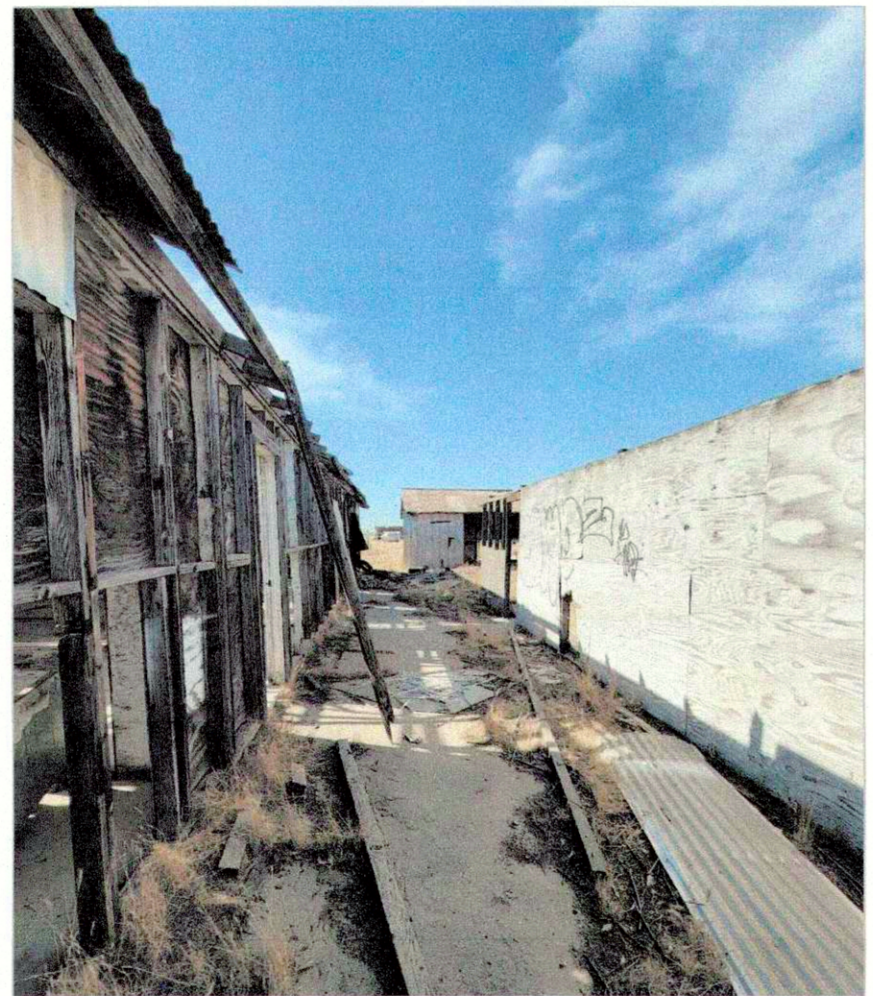
SEE SHEET A1.0, KEY NOTES 5, 6, 39



SEE SHEET A1.0, KEY NOTE 6



SEE SHEET A1.0, KEY NOTES 6, 13



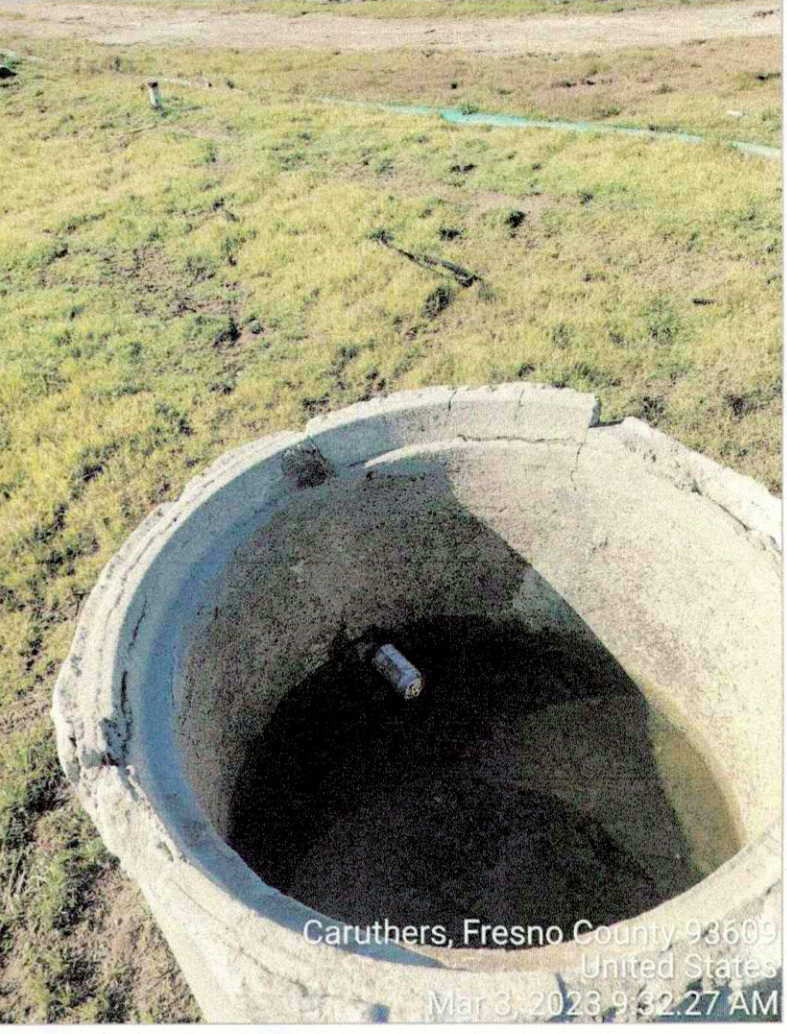
SEE SHEET A1.0, KEY NOTES 6, 13



SEE SHEET A1.0, KEY NOTES 39, 40



SEE SHEET A1.0, KEY NOTES 16, 40



SEE SHEET A1.0, KEY NOTE 40



SEE SHEET A1.0, KEY NOTE 16



SEE SHEET A1.0, KEY NOTE 6



SEE SHEET A1.0, KEY NOTES 5, 39



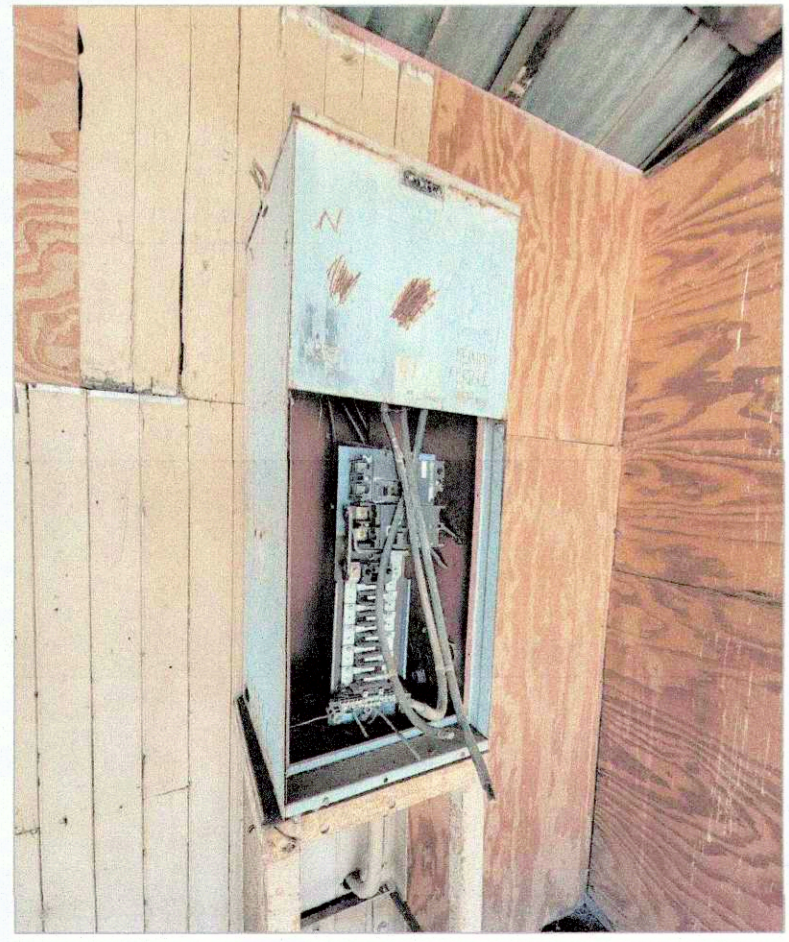
SEE SHEET A1.0, KEY NOTES 6, 13



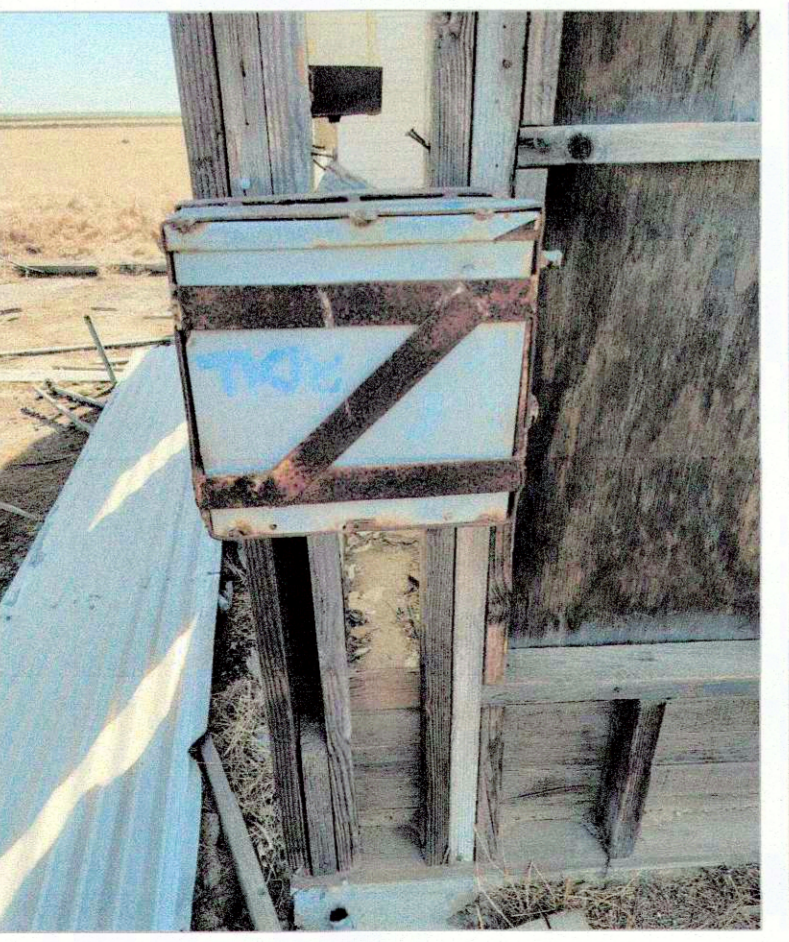
SEE SHEET A1.0, KEY NOTES 39, 40



SEE SHEET A1.0, KEY NOTES 39, 40



SEE SHEET A1.0, KEY NOTE 6



SEE SHEET A1.0, KEY NOTE 13



SEE SHEET A1.0, KEY NOTES 6, 13



SEE SHEET A1.0, KEY NOTE 6



SEE SHEET A1.0, KEY NOTES 6, 14, 15



SEE SHEET A1.0, KEY NOTES 6, 7, 40

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Sheet Content:
Photos of Existing Conditions Sites 1-3

Fresno County Department of
Public Works and Planning
Capital Projects

2220 Tulare Street, 8th Floor
Fresno, California 93721



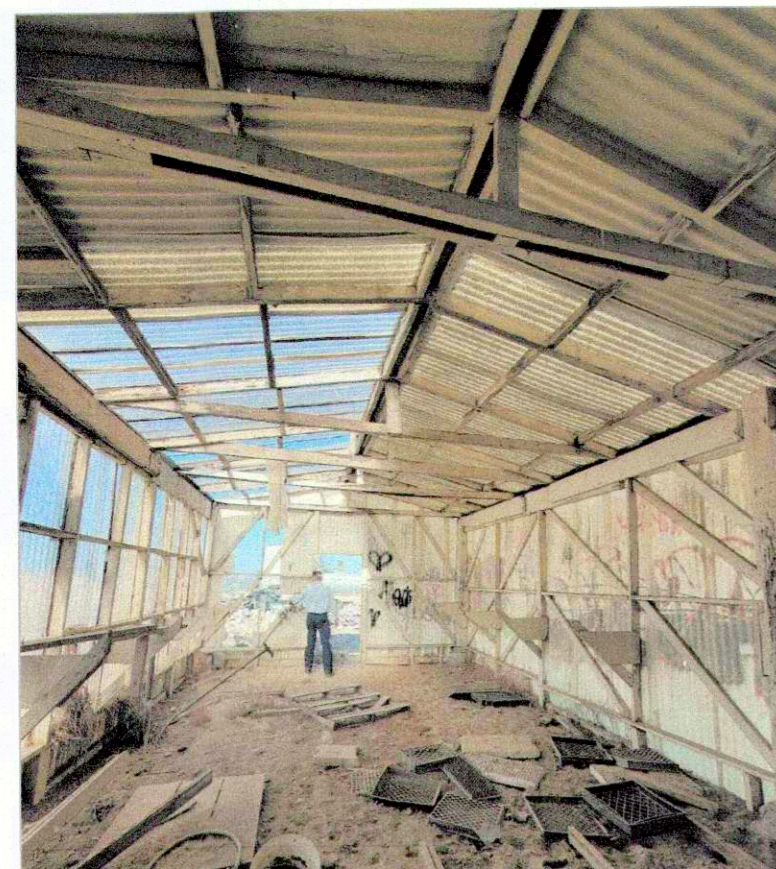
Sheet No.
A1.1

A1 Site 2 - Structures & Foundations

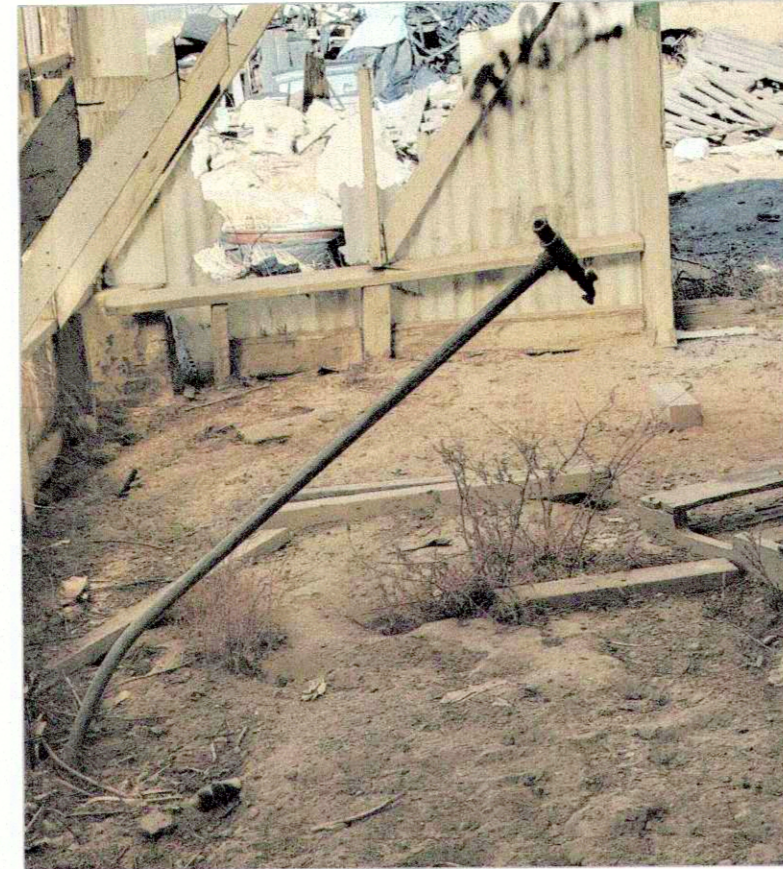
A18 Site 3 - Shade Structures, Concrete Troughs, Fencing, Posts, & Etc.



SEE SHEET A1.0, KEY NOTE 6



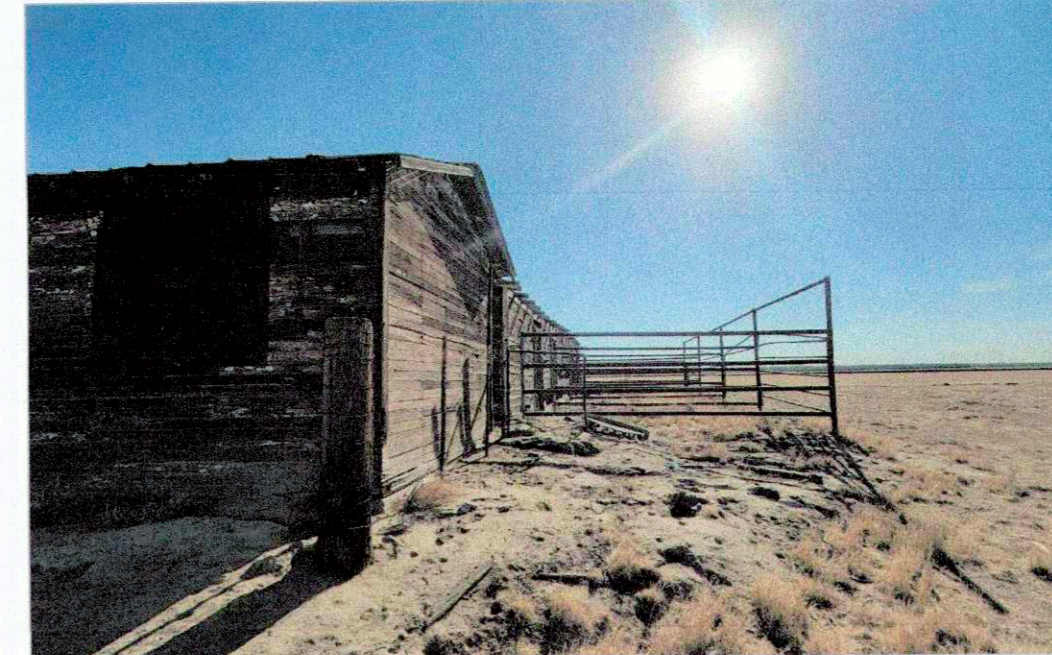
SEE SHEET A1.0, KEY NOTE 6



SEE SHEET A1.0, KEY NOTE 39



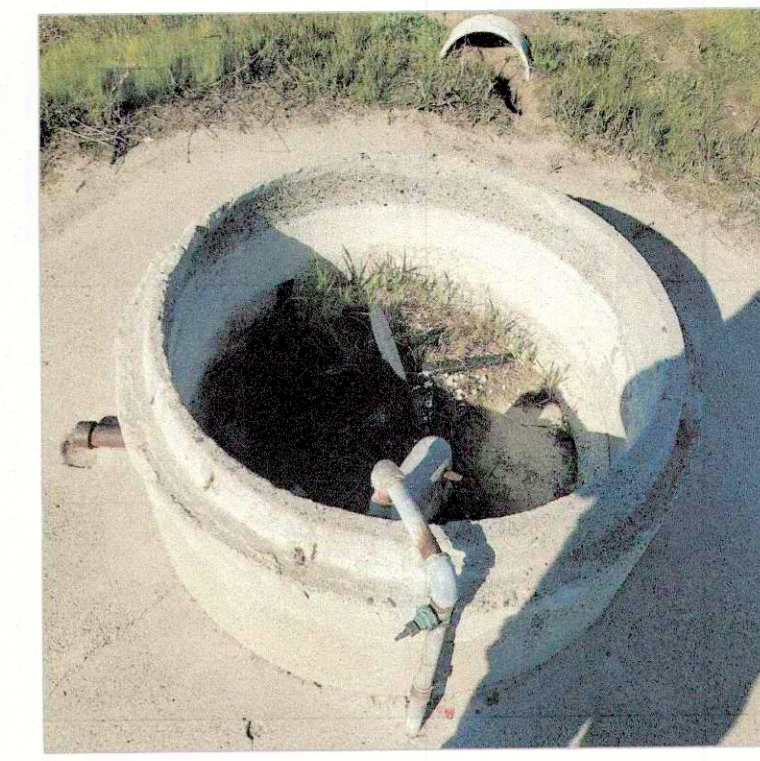
SEE SHEET A1.0, KEY NOTE 6



SEE SHEET A1.0, KEY NOTES 6, 7



SEE SHEET A1.0, KEY NOTE 6



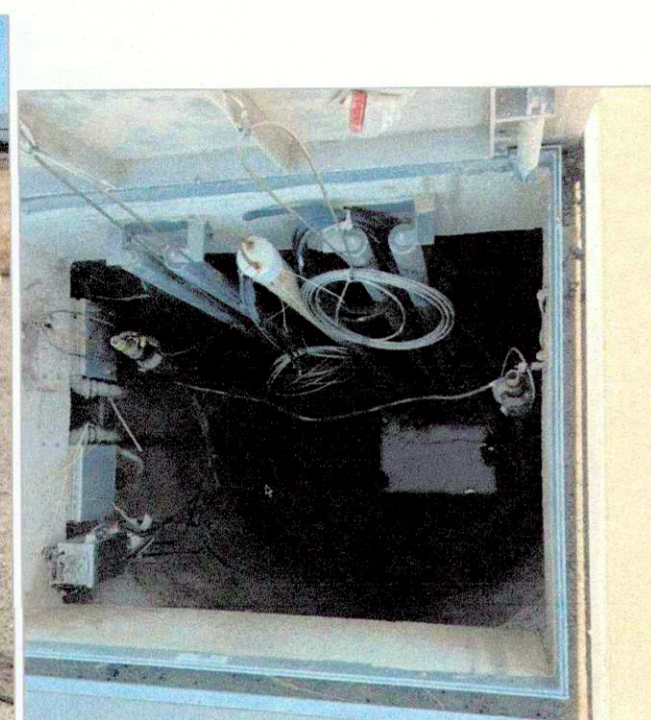
SEE SHEET A1.0, KEY NOTES 39, 40

S1 Site 4 - Trailer Structure, Foundation, & Above Ground Utilities

S15 Site 5 - Two Buildings, Fencing, & Foundations



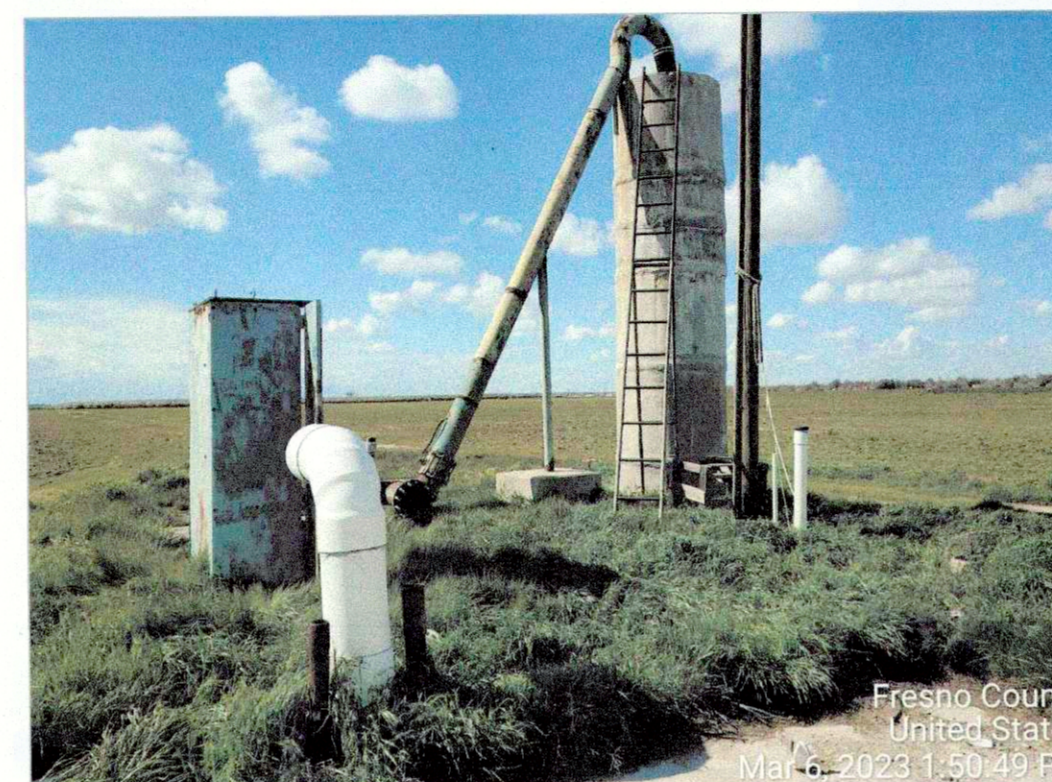
SEE SHEET A1.0, KEY NOTE 12



SEE SHEET A1.0, KEY NOTE 12



SEE SHEET A1.0, KEY NOTE 12



SEE SHEET A1.0, KEY NOTES 5, 8, 26, 30



SEE SHEET A1.0, KEY NOTES 8, 11, 26, 30



SEE SHEET A1.0, KEY NOTES 5, 8, 26, 30

N1 Site 6 - Lift Station & Valve Vault

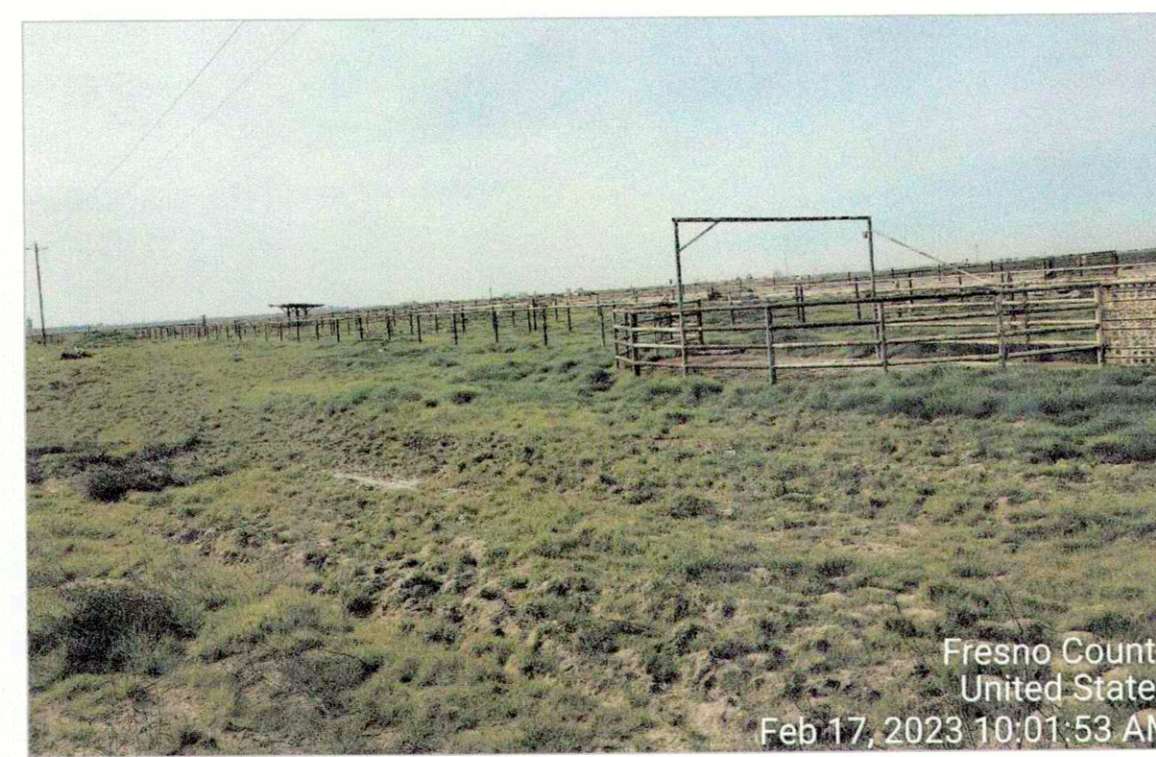
N15 Site 8 - Irrigation Well IG-1



SEE SHEET A1.0, KEY NOTE 29



SEE SHEET A1.0, KEY NOTE 26



SEE SHEET A1.0, KEY NOTES 6, 7



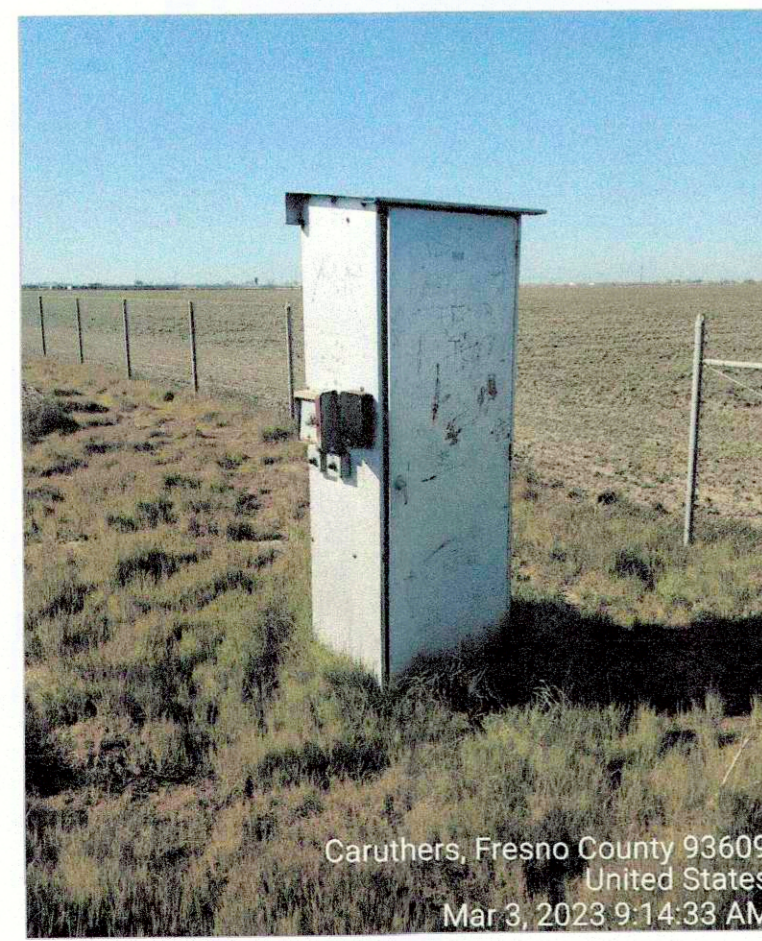
DISPOSAL POND - SEE SHEET A1.0, KEY NOTE 32



SEE SHEET A1.0, KEY NOTE 31



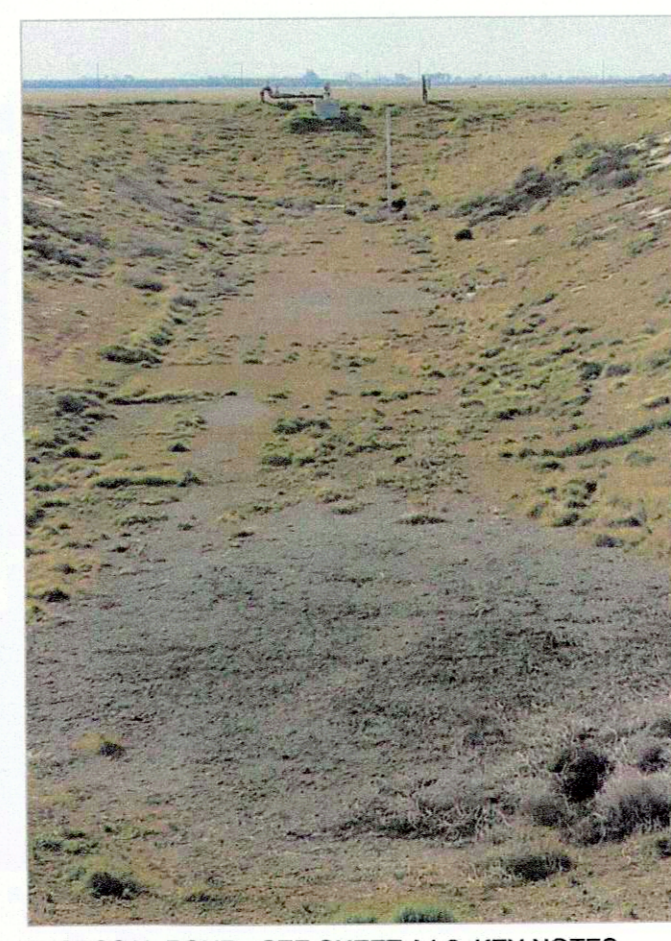
PRESSURE TANK WITH UNDERGROUND INDUSTRIAL WELL - SEE SHEET A1.0, KEY NOTE 17



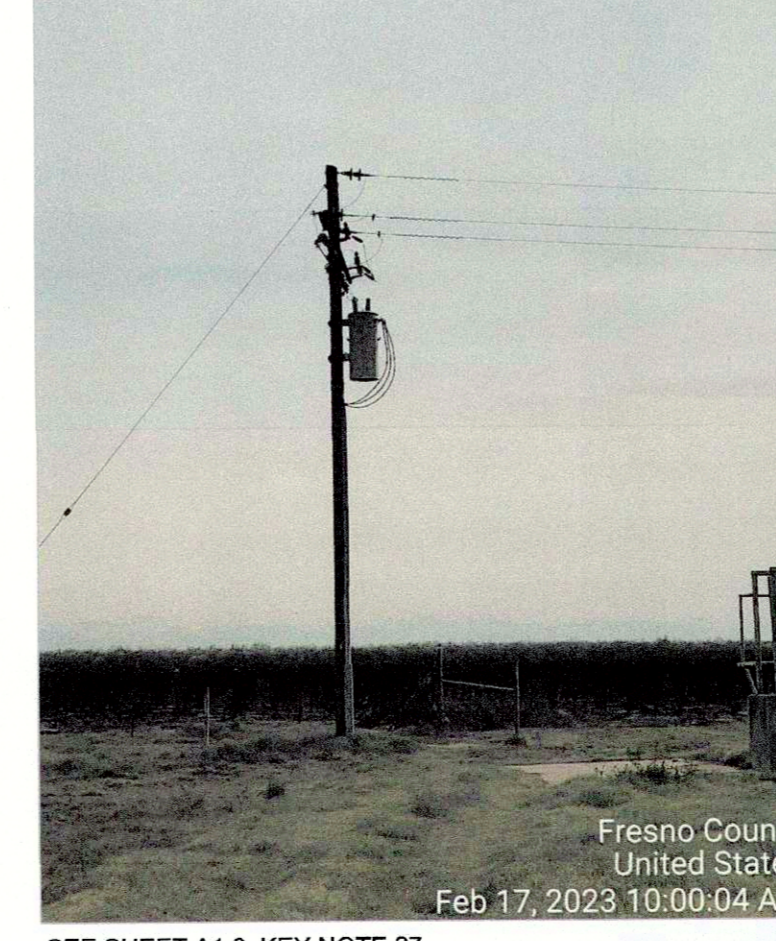
SEE SHEET A1.0, KEY NOTE 18



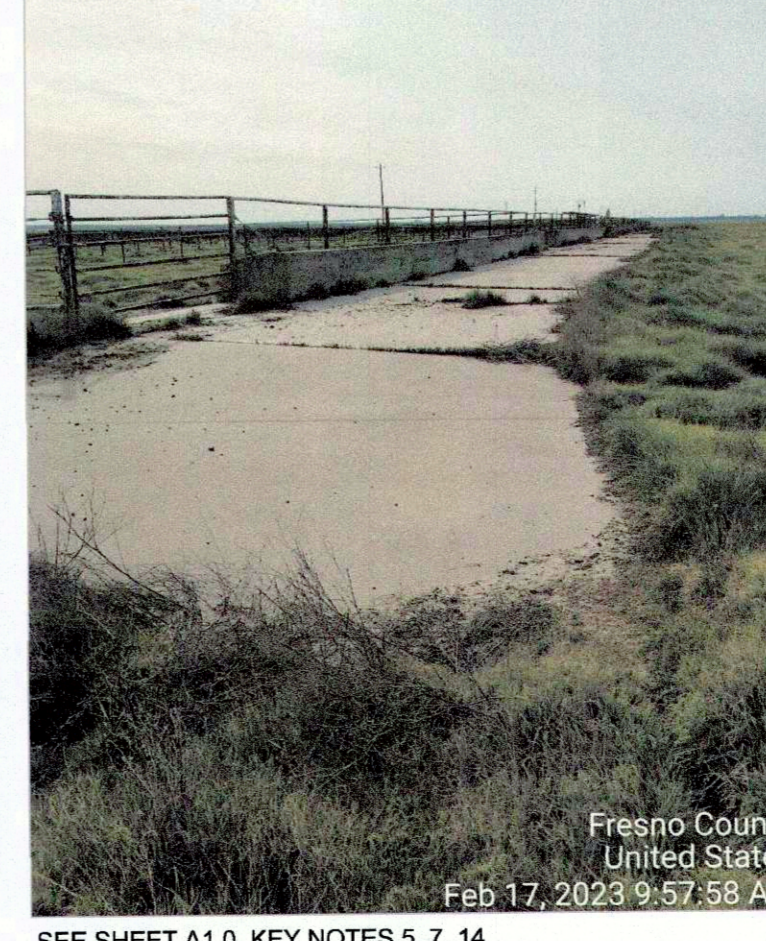
AERATION POND - SEE SHEET A1.0, KEY NOTES 21, 22, 32



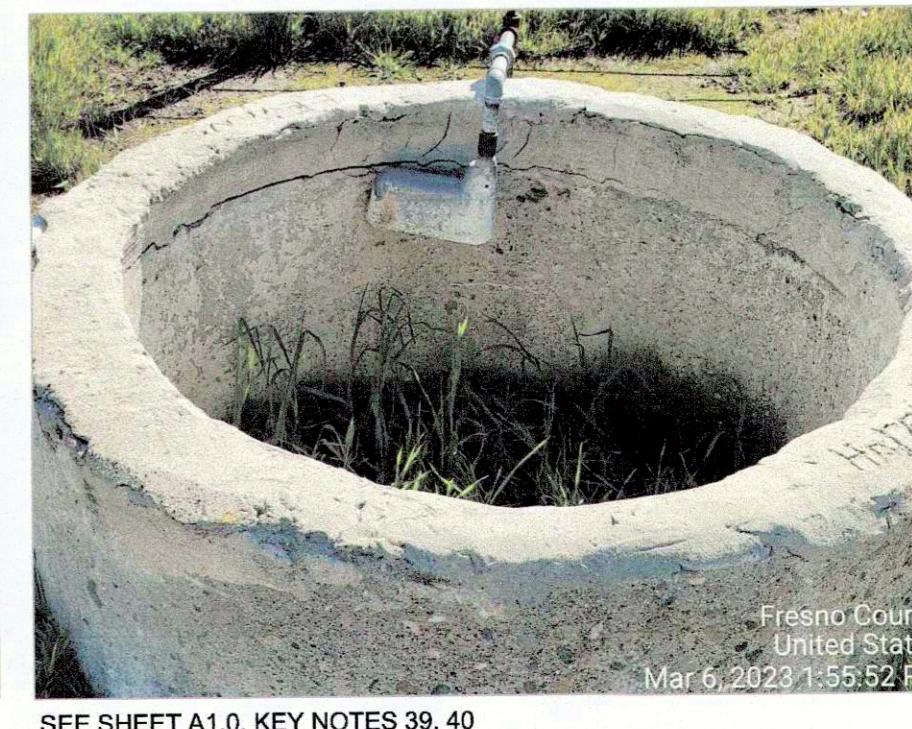
DISPOSAL POND - SEE SHEET A1.0, KEY NOTES 18, 29, 32



SEE SHEET A1.0, KEY NOTE 27



SEE SHEET A1.0, KEY NOTES 5, 7, 14



SEE SHEET A1.0, KEY NOTES 39, 40



Project: Elkhorn Correctional Facility - Site Demolition
500 E Elkhorn Ave. Caruthers, California 93609
APN: 042-043-51ST
Issue Date: -
Project No. T10035
File Path: G:\Capital\Projects\ACTIVE\Elkhorn Demo T10035

Sheet Content:
Photos of Existing Conditions Sites 4-8

Fresno County Department of Public Works and Planning
Capital Projects
2220 Tulare Street, 8th Floor
Fresno, California 93721

Sheet No.
A1.2

A1 Site 7 - Industrial Well, Ponds, & Corral

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Y	<p>COUNTY OF FRESNO IRRIGATION AND INDUSTRIAL WELL DESTRUCTION SECTION 33 29 00 DESTRUCTION OF EXISTING WELL</p> <p>PART 1 - GENERAL</p> <p>1.1 WORK INCLUDED</p> <p>A. The work consists of destroying two (2) existing wells. The work on each well will consist initially of sounding the bottom of the well and bailing and/or blowing out any apparent fill. The total depth and casing size of each well are as follows:</p> <p>Irrigation Well – 710 feet deep (12" diameter casing) Industrial Well – Depth Unknown</p> <p>The well will then be video logged. If, upon review of the video log, any undesirable materials, including obstructions to filling and sealing, debris, oil from oil-lubricated pumps, or pollutants and contaminants that could interfere with well destruction are found in the well, the work will include cleaning all such material out of the well. After the well is sufficiently cleaned out the work will consist of destroying the well and filling completely with sand-cement grout.</p> <p>B. The purpose of destroying the well is to assure that the well does not act as a conduit for poor quality groundwater to contaminate deeper, higher quality groundwater.</p> <p>1.2 RELATED WORK Not Used</p> <p>1.3 STANDARDS AND PERMITS A. The well shall be destroyed in accordance with the County of Fresno Water Well Ordinance, the California Department of Water Resources Bulletin 74-81 and 74-90, and as described in these Specifications. The Contractor shall obtain, and pay for, a permit from the County of Fresno.</p> <p>1.4 EXPERIENCE AND LICENSE</p>							8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
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W								8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
V								8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
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S								8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
R								8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

Q1 Destruction of Existing Wells Specification

**FRESNO COUNTY DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH DIVISION**
P.O. Box 11867, Fresno, California 93775 Tel: (559) 600-3357 FAX: (559) 600-7629

WELL DESTRUCTION REQUIREMENTS

References: California Well Standards Ordinance [WSO] (including DVR Water Well Standards Bulletin 74-81 and 74-90, and subsequent revisions) http://www.water.ca.gov/dwrs/groundwater/california_well_standards/well_standards_content.html California Water Code [WC]

ONLY persons who possess an active C-57 Water Well Contractors License may perform well destructions. [WC Section 13750.5, WSO Section 2.4.3] Well destruction performed as an "incidental part" of a larger job by a contractor not possessing a C-57 license is **not** allowed.

No person shall destroy any well without first applying for and receiving a Permit issued by the Fresno County Department of Public Health. [WSO Section 2.1.1.] All available well construction data shall be submitted with the application for a well destruction permit.

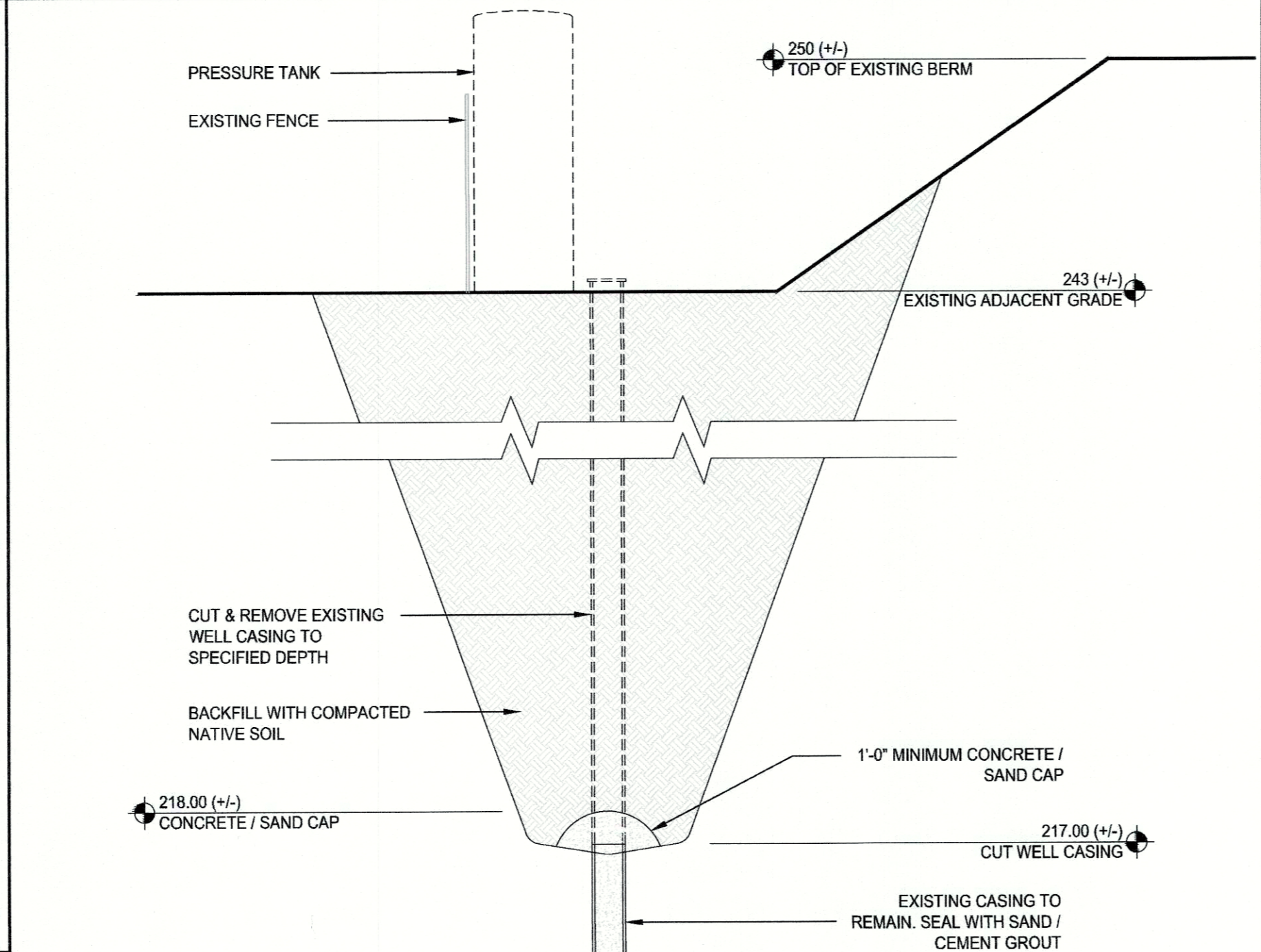
All well destructions shall be performed according to Part III, Sections 20-23, Bulletin 74-81 and 74-90 [WSO Section 3].

- A hole shall be excavated around the well casing to a depth of 5 feet below the ground surface and the well casing removed to the bottom of the excavation (a variance to not excavate the casing may be requested for special circumstances).
- The sealing material used for the upper portion of the well shall be allowed to spill over the casing into the excavation to form a cap.
- After the well has been properly filled, including sufficient time for the sealing material in the excavation to set, the excavation shall be filled with native soil.
- A State of California Well Completion Report ("Well Log") shall be submitted to the Fresno County Department of Public Health within 30 days of the completion of any well destruction. [WC Section 13751; WSO Section 7.1]

Materials used for sealing and fill materials are as follows:

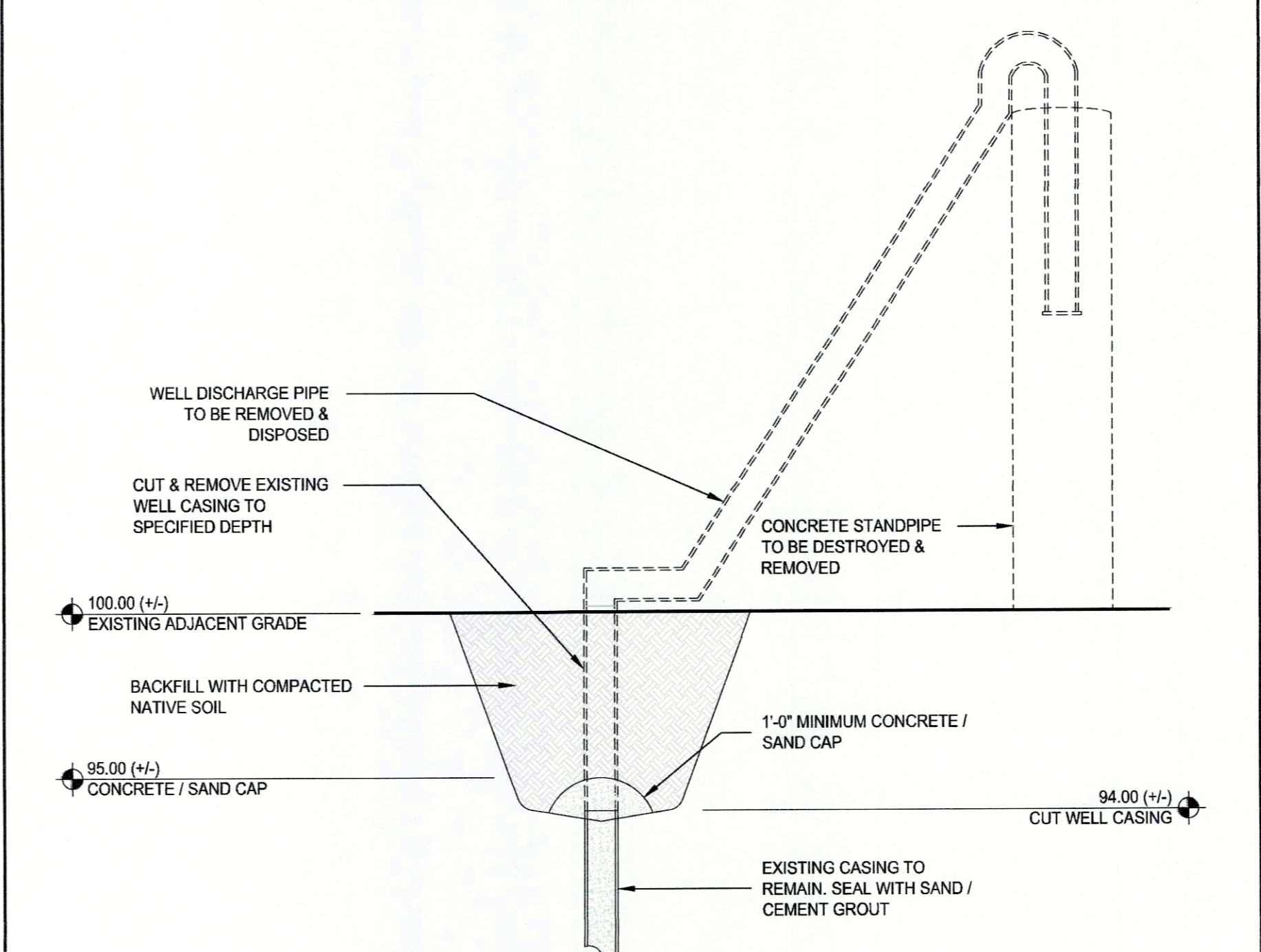
- Impermeable Sealing Materials. Approved impermeable materials include neat cement, sand-cement grout, concrete, and bentonite clay.
- Filler Material. These include clay, silt, sand, gravel, crushed stone and clean native soils.

H1 Well Destruction Requirements



- NOTES:**
- THE EXISTING WELL SHALL BE DESTROYED BY THE CONTRACTOR IN ACCORDANCE WITH COUNTY OF FRESNO WATER WELL ORDINANCE AND CALIFORNIA DEPARTMENT OF WATER RESOURCES BULLETIN 74-81 AND 74-90.
 - THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING PUMPS, MOTORS, AND ELECTRICAL WIRING PER CODE AT LOCATIONS SHOWN ON THE DRAWINGS.
 - WELLS WITHIN POND AREA SHALL BE CAPPED AT AN ELEVATION THAT IS BELOW THE FLOOR OF THE FUTURE RECHARGE BASIN, AS SHOWN ON THE DRAWINGS.
 - CONTRACTOR TO PROVIDE 48 HR. NOTICE TO ENGINEER & COUNTY PUBLIC HEALTH DEPARTMENT STAFF PRIOR TO START OF DESTRUCTION OF THE WELL.

E8 Site 7 - Industrial Well Destruction Detail
Scale: 1/4" = 1'-0"



- NOTES:**
- THE EXISTING WELL SHALL BE DESTROYED BY THE CONTRACTOR IN ACCORDANCE WITH COUNTY OF FRESNO WATER WELL ORDINANCE AND CALIFORNIA DEPARTMENT OF WATER RESOURCES BULLETIN 74-81 AND 74-90.
 - THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING PUMPS, MOTORS, AND ELECTRICAL WIRING PER CODE AT LOCATIONS SHOWN ON THE DRAWINGS.
 - WELLS WITHIN POND AREA SHALL BE CAPPED AT AN ELEVATION THAT IS BELOW THE FLOOR OF THE FUTURE RECHARGE BASIN, AS SHOWN ON THE DRAWINGS.
 - CONTRACTOR TO PROVIDE 48 HR. NOTICE TO ENGINEER & COUNTY PUBLIC HEALTH DEPARTMENT STAFF PRIOR TO START OF DESTRUCTION OF THE WELL.

E17 Site 8 - Irrigation Well Destruction Detail
Scale: 1/4" = 1'-0"

LICENSED ARCHITECT
NOEL ROGER DAVIDSON
STATE OF CALIFORNIA
C-27818
REN: 10-31-23

ARCHITECT:
Noel Roger Davidson, A.I.A., Architect
California Licensed Architect No. C-27818
Ren. 10-31-23
Fresno County Department of Public Works
and Planning
Development Services and Capital Projects
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2220 Tulare Street, Eighth Floor
Fresno, California 93721
Office: (559) 600-4477
E-mail: ndavidson@fresnocountyca.gov

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Elkhorn Correctional Facility - Site Demolition
500 E Elkhorn Ave., Caruthers, California 93609
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Sheet Content:

- Well Destruction Requirements
- Destruction of Existing Well Specification
- Well Destruction Details

Fresno County Department of
Public Works and Planning
Capital Projects

2220 Tulare Street, 8th Floor
Fresno, California 93721

Sheet No.
A1.3