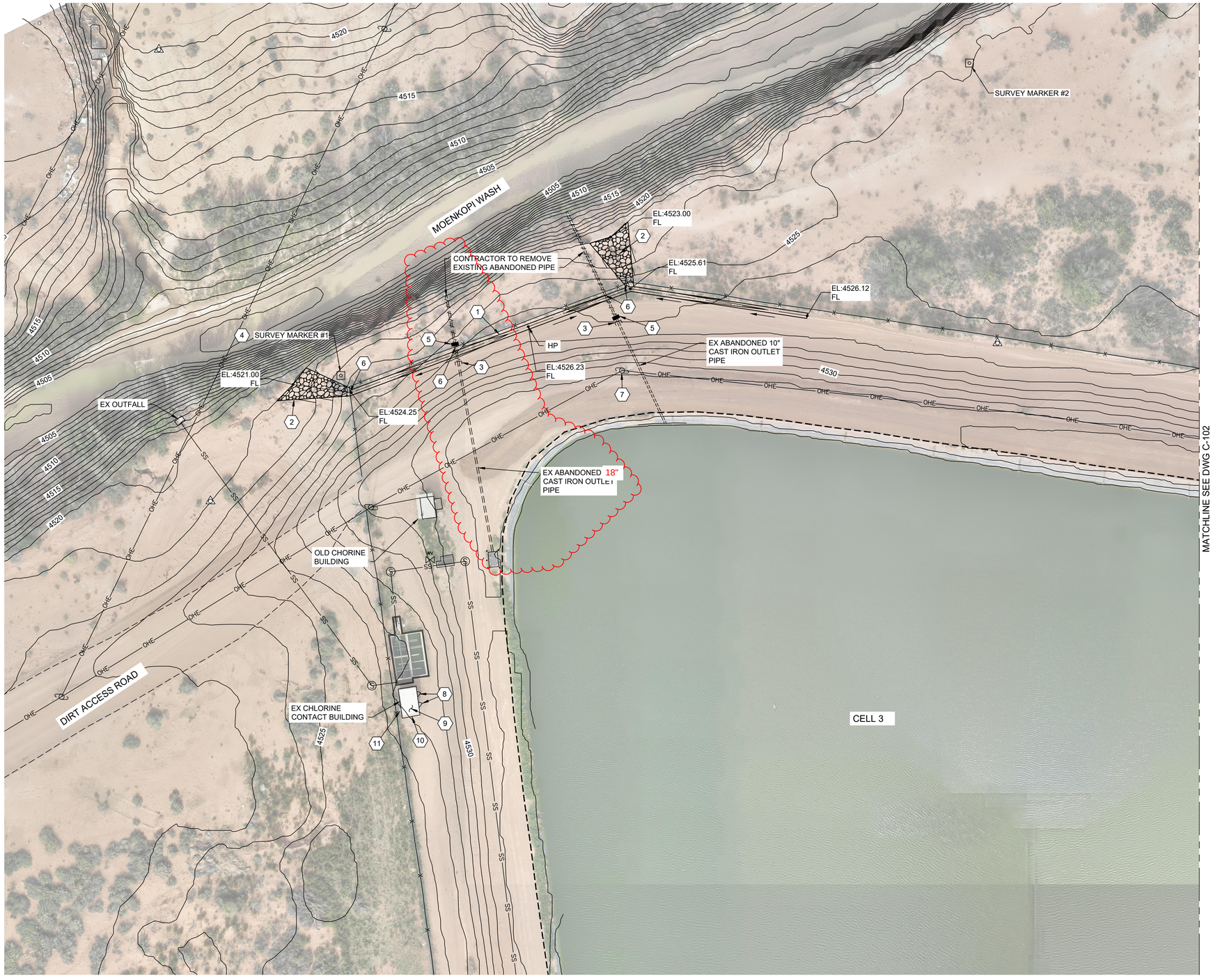

SCALE: 1" = 30'

KEY NOTES

1. DRAINAGE VALLEY GUTTER PER DETAIL 1/C-002.
2. RIPRAP DITCH DISCHARGE PER DETAIL 2/C-002.
3. CONTRACTOR TO CUT, CAP, AND REMOVE EXISTING PIPE. FILL REMAINING DRAIN PIPE WITH FLOWABLE FILL. CONTRACTOR TO ENSURE THE LAGOON EMBANKMENT IS NOT WEAKENED AND SHALL MAINTAIN APPROPRIATE DISTANCE FROM EMBANKMENT.
4. PROTECT EXISTING SURVEY MARKER DURING CONSTRUCTION.
5. CONSTRUCT BENTONITE TRENCH DIKES CONSISTING OF A 3-FOOT NOMINAL THICKNESS OF CLAY COMPACTED TO A MINIMUM OF 95-PERCENT MODIFIED PROCTOR DENSITY AND HAVING PERMEABILITY WHEN COMPLETED OF NOT MORE THAN 0.00001 CENTIMETERS PER SECOND. TRENCH DIKES SHALL EXTEND THE FULL WIDTH OF THE TRENCH AND KEYED IN TO THE UNDISTURBED TRENCH WALL AND SHALL EXTEND FROM THE UNDISTURBED TRENCH BOTTOM TO THE EXISTING GROUND SURFACE ELEVATION, SEE DETAIL 4/C-002.
6. RESTORE EXISTING FENCE AS NECESSARY AFTER CONSTRUCTION.
7. EXISTING POWER POLE TO REMAIN; PROTECT IN PLACE.
8. INSTALL NGP FLOOD SHIELD RAILING SYSTEM ON BOTH DOORS, SEE DETAIL 5/C-002.
9. CONTRACTOR TO RAISE ELECTRICAL OUTLETS TO AN ELEVATION OF AT LEAST 4530.00, SEE DETAIL 6/C-002.
10. CONTRACTOR TO REPLACE EXISTING FLOOR DRAIN COVER WITH REMOVABLE EXPANSION PLUG, SEE DETAIL 7/C-002.
11. CONTRACTOR TO INSTALL 90 DEGREE ELBOW TURNED UP AND NEW EXHAUST FAN PER DETAIL 3/C-002.

LEGEND

OVER - EXCAVATE 24-INCHES AND FILL WITH TYPE B MATERIAL, SEE SPECIFICATIONS.

Brown AND Caldwell

SALT LAKE CITY, UT

Registered Professional Engineer (Civil) CERTIFICATE NO. 53511 STEVEN BRENCHLEY Date Signed 2/3/2026 ARIZONA, U.S.A. Expires 3/31/29

BID SET

TUBA CITY WWTP SITE IMPROVEMENTS

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES AT FULL SIZE

DESIGNED: G. SMITH
DRAWN: D. DAVIDSE
CHECKED: C. WILLIAMS
CHECKED:
APPROVED: S. BRENCHLEY
FILENAME C-101.dwg
BC PROJECT NUMBER 196673
CLIENT PROJECT NUMBER

CIVIL

SITE PLAN - 1

DRAWING NUMBER C-101

SHEET NUMBER 8 OF 13

Path: C:\USERS\DDAVIDSE\DC\ACCDOCS\BC ACC PROJECT HUB\153369 - TUBA CITY WWTP SITE IMPROVEMENTS\PROJECT FILES\300 DESIGN\CAD\002 CISHEETS FILENAME: C-101.DWG PLOT DATE: 2/3/2026 10:41 AM CAD USER: DAVID DAVIDSE