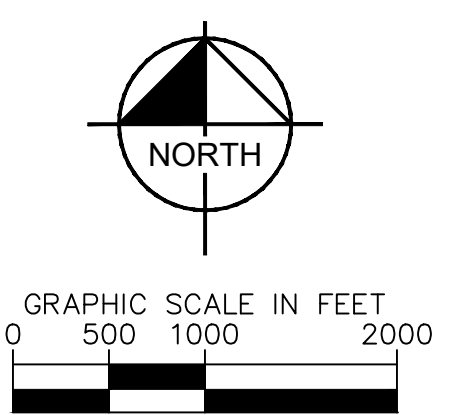
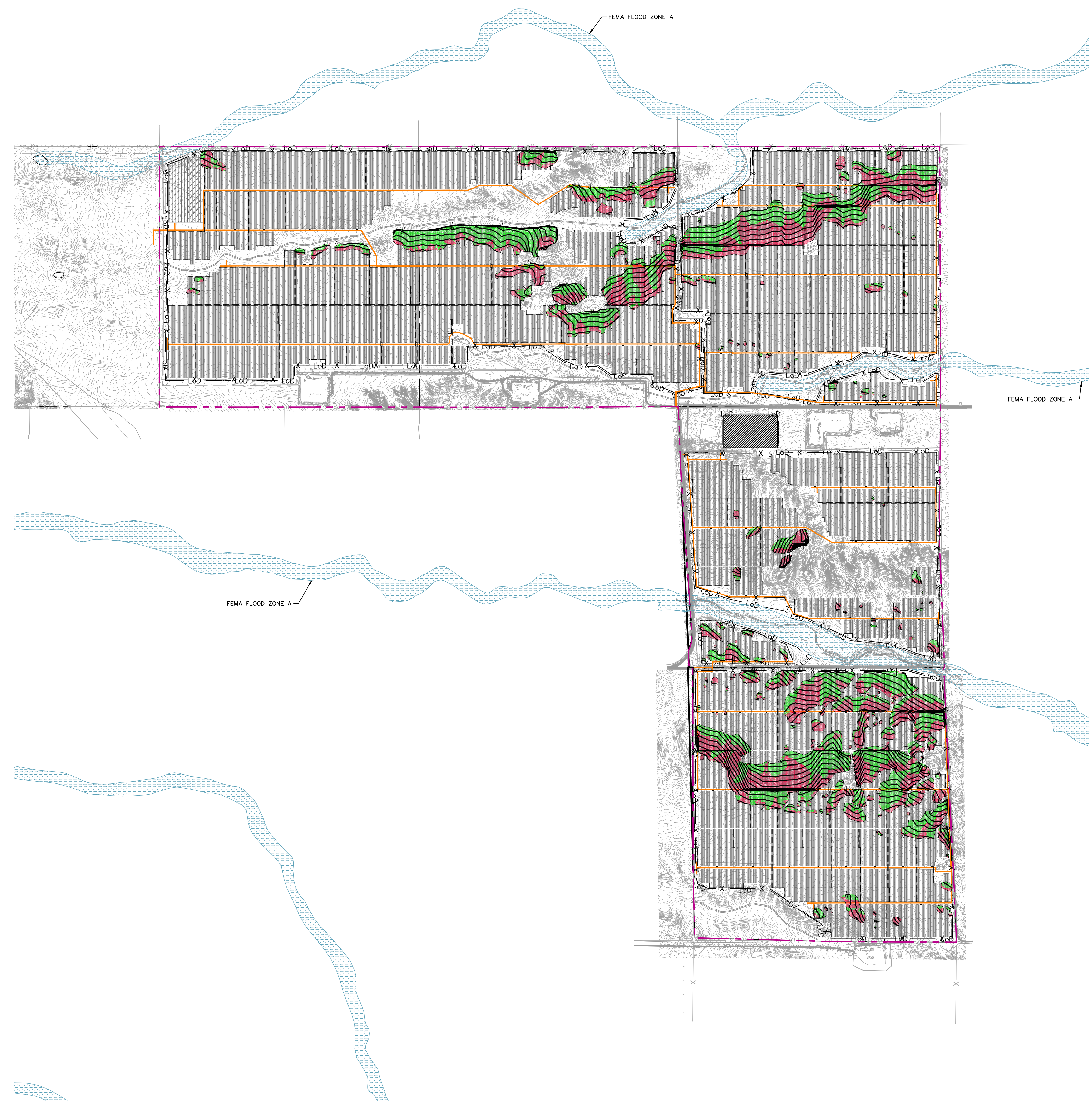


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 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and approval by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



GENERAL NOTES

1. PHOTOVOLTAIC PANELS, INVERTERS, AND INTERCONNECTION EQUIPMENT LOCATIONS SHOWN FOR REFERENCE ONLY. DESIGN AND FINAL LAYOUT PER DRAWINGS BY ELECTRICAL AND STRUCTURAL ENGINEER.
2. ALL EXISTING ROADWAY SHOULDER AND DITCH SECTIONS SHALL REMAIN AS-IS, OR BE UPGRADED AS DETERMINED NECESSARY BY STATE/COUNTY/TOWNSHIP AT THE ENTRANCE INSTALLATION LOCATION.
3. RIGHT-OF-WAY LINES AND UTILITY EASEMENT BASED OFF ALTA PROVIDED BY ASCENT GEOMATICS SOLUTIONS, DATED 11/01/2023.
4. CHANGES TO EXISTING GROUND ELEVATIONS WITHIN THE JURISDICTIONAL LIMITS ARE NOT PERMITTED UNLESS SHOWN ON PLANS. CONTRACTOR SHALL ENSURE ANY DISTURBED AREA NOT DEPICTED ON PLANS IS RETURNED TO EXISTING GRADE AND STABILIZED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS. ALL PROPOSED GRADING SHOWN HAS A BALANCED AMOUNT OF CUT AND FILL WITHIN THE IMMEDIATE AREA.

GRADING NOTES

1. DESIGN PARAMETERS FOR GRADING WERE 5% MAX NORTH SLOPE, 10% MAX EAST/WEST SLOPE, 15% SOUTH SLOPE, AND 15% ABSOLUTE SLOPE IN THE PV AREA AND A 24" REVEAL RANGE FOR PILES ALONG ANY ONE TRACKER.

CUT-FILL FOR SITE

LEASE AREA: 3,210.5 ACRES
 FENCED AREA: 2,207.2 ACRES
 GRADED AREA: 411.2 ACRES
 CUT: 694,200 CUBIC YARDS
 FILL: 1,345,600 CUBIC YARDS
 NET: 651,400 (FILL) CUBIC YARDS

NOTE: THE QUANTITIES ABOVE ARE FOR REFERENCE ONLY. THE EARTHWORK QUANTITIES HAVE NOT BEEN FACTORED TO ACCOUNT FOR CHANGES IN VOLUME DUE TO BULKING, CLEARING, AND GRUBBING, OVER EXCAVATION AND RE-COMPACTION, AND CONSTRUCTION METHODS, NOR DO THEY ACCOUNT FOR SITE ENTRANCE GRADING, PAVEMENT SECTIONS, TOPSOIL STRIP AND RESPREAD, SLABS, SKIDS, FOOTINGS, ETC. EARTHWORK QUANTITIES DO NOT ENCOMPASS GRADING FOR EROSION CONTROL MEASURES.

THE CONTRACTOR SHALL RELY ON THEIR OWN ESTIMATES FOR BIDDING PURPOSES.

LEGEND

- PROJECT BOUNDARY
- PROPERTY LINE
- SECTION LINE
- EX. EASEMENT LINE
- EX. ROAD
- EX. OVERHEAD ELECTRIC
- EX. GAS LINE
- EX. FENCE
- EX. CONTOURS
- EX. FLOW (DIRECTION AND SLOPE)
- PR. FLOW (DIRECTION AND SLOPE)
- PR. SUBSTATION AND SWITCH YARD LOCATION
- EX. FEMA FLOOD ZONE A
- LIMITS OF DISTURBANCE
- PR. CONTOURS
- PR. GAME FENCE
- PR. GRAVEL ROAD
- PR. SOLAR ARRAY
- PR. GRADING AREA (FILL)
- PR. GRADING AREA (CUT)
- PR. INVERTER BLOCK LIMITS

NO.	1	10% SUBMITTAL	DATE	12/05/2023	BY	AJH	
	2	LARAMIE COUNTY SUBMISSION	DATE	01/12/2024	BY	EMD	
SCALE:	AS NOTED	DESIGNED BY:	JCH	DRAWN BY:	CDI	CHECKED BY:	AJH
PRELIMINARY - NOT FOR CONSTRUCTION							
OVERALL SITE AND GRADING							
COWBOY SOLAR I LARAMIE COUNTY, WY							
KHA PROJECT NO. 196580002							
SHEET NUMBER							
C-400							

