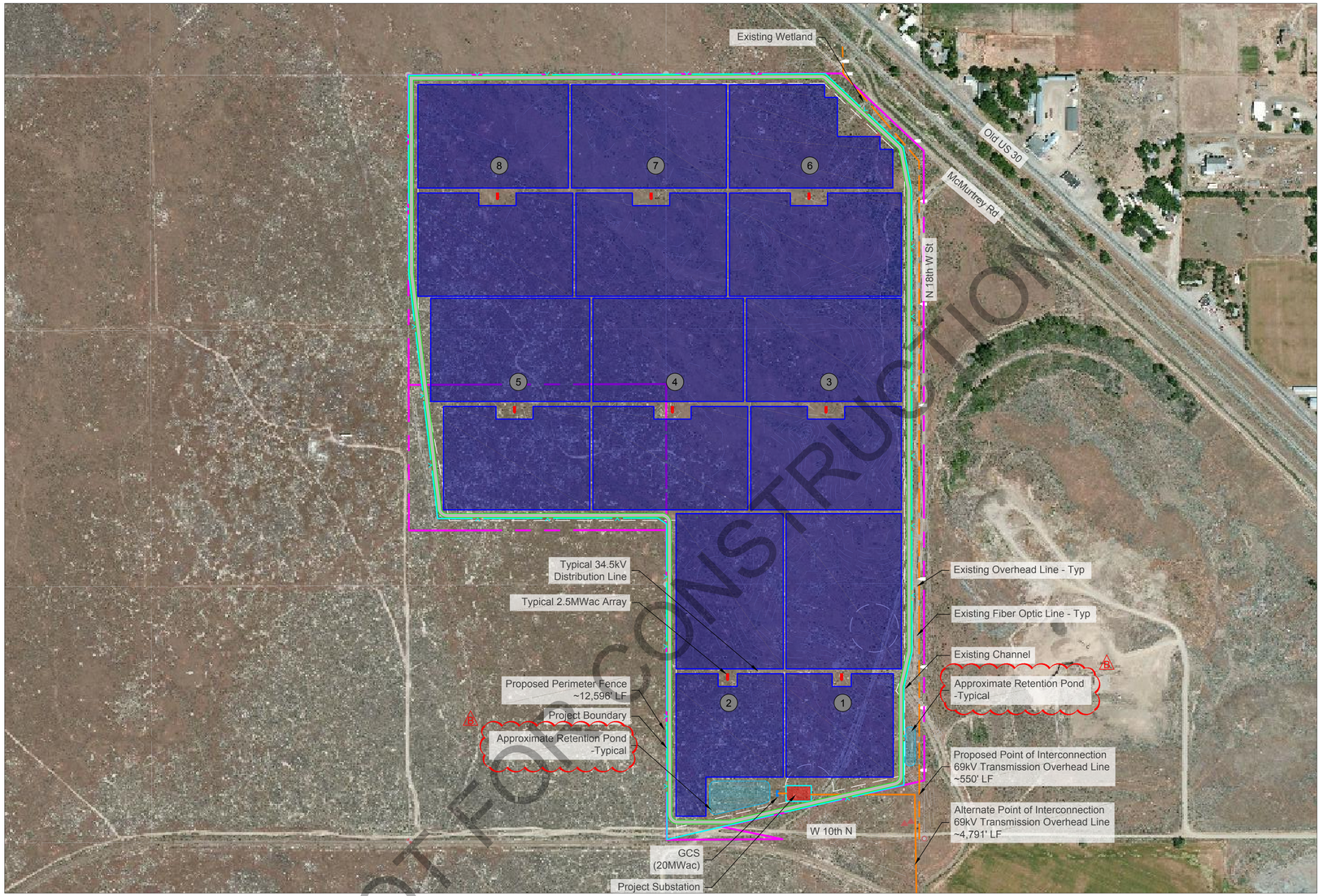


Preliminary Site Plan

Scale: 1" = 300'

Imperial Scale

300 150 0 300 600 900

Scale: 1" = 300'

Installed Capacity: 20MWac

Documents used to prepare this drawing		Date, Revision
Site Boundary	Mountain Home Solar - Full Report	9/18/2015
CUP	None	N/A
Geotech	None	N/A
FEMA	Panel 1602120605C	3/15/1994
Topographic Survey	150169-V-BM DEPCOM.dwg	9/18/2015
Hydrology	Mountain Home Solar - Full Report	9/18/2015
Wetlands	150169-V-BM-ALTA.pdf	9/18/2015
POI Location	SGIA	11/21/2014
Aerial Imagery	USGS via Bing Maps	2015

*Files are based on State Plane Coordinate System NAD83 Idaho

Mountain Home Solar

Mountain Home, Power County, Elmore

Owner / Developer:

True Green

Project Site Description:

Latitude: 43.127464°°
Longitude: -115.732434°
Elevation: 3,143 ft min - 3,163 ft max
B Total Site Acreage: 185±
Total Buildable Site Acreage: 161±
Array Footprint Acreage: 157

Annual Cooling Design Temp: 100° F
Annual Heating Design Temp: 4° F
(ASHRAE 2013)

Wind Load: TBD mph, Risk Category XX
Snow Load: TBD psf
Seismic Load: TBD

B

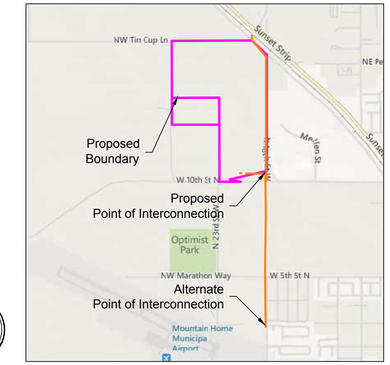
Interconnection Data:

Transmission Provider: Idaho Power
Interconnection Voltage: 69 kV
Offtaker: Idhao Power
Point of Interconnection: Existing 69kV Transmission Line, On-Site

GCS	Module	2.5 MWac Array	MWdc	MWac	dc/ac Ratio
1	315	8	26.81	20.00	1.3406
Total Capacity		8	26.81	20.00	1.3406
Total Net Capacity				20	

Legend

- Property Line
- Underground AC Line
- Overhead AC Line
- Perimeter Fence
- Existing Overhead Line



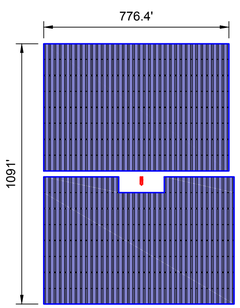
Key Map

Scale: 1" = 2,000'

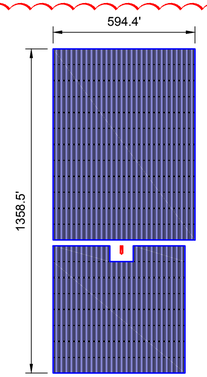
Notes:

1. Proposed POI is the shortest distance to the Idaho Power's MHAB-ELMR, 69kV overhead transmission line. The alternate POI is approximately one mile south of the project site and was the location originally studied in the GI #435 Feasibility Study.

B



TYPICAL TRACKED ARRAY (Qty=6)
Subarray 1
2.5 MWac / 2.869 MVA / 3.35 MWdc
c/o (10,640) 315 Wdc Poly c-Si Modules
Single Axis Tracker
Row Spacing: 22'-0" (6.71m)
Number of Rows: 36.5
Number of Active Rows: 35.5
Modules per String: 19
Number of String per Column: 16
Azimuth: 0°, GCR: 29%



TYPICAL TRACKED ARRAY (Qty=2)
Subarray 2
2.5 MWac / 2.869 MVA / 3.35 MWdc
c/o (10,640) 315 Wdc Poly c-Si Modules
Single Axis Tracker
Row Spacing: 21'-0" (6.4m)
Number of Rows: 28
Modules per String: 19
Number of String per Column: 20
Azimuth: 0°, GCR: 31%

DEPCOM POWER
9200 E PIMA CENTER PARKWAY #180
SCOTTSDALE, AZ 85258
PHONE: (480) 270-6910
WWW.DEPCOMPOWER.COM

TITLE: Mountain Home Solar
Mountain Home, Power County
Elmore, USA

THIS PRINT IS NOT TO BE USED FOR CONSTRUCTION UNLESS NOTED AND SIGNED "OK FOR CONSTRUCTION" ABOVE LAST REVISION

REV	DATE	REVISION DESCRIPTION	BY	CHK	APP
B	9-26-15	Revised Array Configuration & Added 20 Acres	MP	RR	RR
A	5-27-15	Conceptual Design - Tracker	MP	RR	RR

DEPCOM JOB NUMBER: ----
PROJECT CODE: MOU01
PROJECT DIRECTOR: TBD
PROJECT MANAGER: TBD
SHEET TITLE: Preliminary Site Plan
CHECKED BY: RR
DRAWN BY: MP
SCALE: 1" = 300'
DRAWING NUMBER: PSP-MOU-T
SHEET 1 OF 1

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