



BrightSource

June 8, 2011

To: Tom Hurshman

From: Steve De Young

Subject: ISEGS Request for Full Notice to Proceed

Dear Tom:

On behalf of Solar Partners II, LLC, Solar Partners I, LLC, and Solar Partners VIII, LLC (the "Owners") this letter constitutes our request to BLM for a full notice to proceed on the Ivanpah project.

Consistent with its April 15, 2011, decision suspending certain work on the project ("Immediate Temporary Suspension of Activities Issued," 3031 (P), CACA 048668, 049502, 049503 and 049504, CAD000), we request that the Bureau issue permission to resume the activities addressed by that decision, and that it rescind that decision, upon issuance of a revised Biological Opinion and Incidental Take Statement.

The following describes the construction work that we would like to undertake at the Ivanpah facility in the late spring and summer of 2011. This work would be initiated upon issuance of the Revised Biological Opinion and issuance of a Notice to Proceed by the BLM. All work would be overseen by a group of agency-approved biologists in accordance with the BLM ROD and CEC Conditions of Certification. Please note that the accompanying figures are not drawn to scale and are provided for illustrative purposes only.

**Fuel Gas Pipe Line:**

The fuel gas pipe line will require 40.9 acres to install. This area spans from the Common Area at Colosseum Road to the Kern River tie in location as shown on package sheets 1, 3, 4 and 5.

This work to be accomplished utilizing Best Management Practices (BMPs) as contained in the Storm Water Pollution Prevention Plan (SWPPP) and Erosion and Sedimentation Control Plan (ESCP) (e.g., BMPs such as temporarily covering trenches that remain open from one work day to the next to prevent a tortoise from falling into the trench, covering



exposed pipe ends). No boundary fence will be installed as this work activity is limited in duration.

Work activities to complete this installation will consist of;

- Clearing and grubbing of access corridor
- Development of access road along pipe line corridor
- Trenching excavation for pipe line
- Pipe welding and laying outside and inside of trench within corridor
- Backfilling of trench.

### **Kern River Meter Station:**

The Kern River Meter Station will require .8 acres to install. This areas spans only at the Kern River tie in location as shown on package sheet 6. This work to be completed inside of tortoise fencing for the metering station and under Best Management Practices as described above for the fuel gas line.

Work activities to complete this installation will consist of:

- Clearing and grubbing of meter station and tie in location.
- Installation of security fencing.
- Excavation and trenching for foundations and fuel gas pipe extensions from meter station to tie in pipe line.
- Installation of above ground metering and valve equipment.
- Backfilling of trenches and around foundations.

### **Unit 2 expansion of existing Power Block:**

The expansion of Unit 2 Power Block area will require 46 acres to install. This area spans from the existing fenced boundary of the power block to the first solar field drive path as shown on package sheet 3.

Work activities to compete this installation will consist of;

- Clearing and grubbing of expanded area
- Installation of tortoise fence at perimeter boundary of drive path.
- Installation of temporary lay-down access roads
- Installation of workers parking lot.
- Development of lay-down area for local storage of materials and equipment.



### **Unit 2 and 3 overhead 115KV power lines:**

The Unit 2 and 3 overhead 115KV power lines south of Unit 2 solar field will require 3.5 acres to install. This area spans from south of Colosseum Road to the new SCE switchyard/substation as shown on package sheet 2.

This work to be accomplished utilizing Best Management Practices as contained in the SWPPP and ESCP (e.g., BMPs such as temporarily covering trenches that remain open from one work day to the next to prevent a tortoise from falling into the trench, covering exposed pipe ends). No boundary fence will be installed as this work activity is limited in duration.

Work activities to complete this installation will consist of;

- Clearing and grubbing of access corridor
- Excavations for installation of overhead pole foundations.
- Excavations for installation of underground 115KV and Fiber Optic cables.
- Installation of overhead poles and cables
- Installation of underground conduits for Fiber Optic cables
- Backfilling of all excavations.

### **Unit 3 access road west of Unit 2 Solar Field:**

The Unit 3 access road development will contain installations consisting of road development, 115KV overhead power lines and underground utilities and will require 19 acres to install. This areas spans from the existing Colosseum Road south west of the Unit 2 Solar Field to the south boundary of Unit 3 Solar Field. As shown on package sheet 2 and 3.

Work activities to complete this installation will consist of;

- Clearing and grubbing of access corridor.
- Installation of boundary tortoise fencing
- Excavation and installation of road culverts.
- Excavation and installation of access road
- Excavation and installation of foundations for 115KV overhead power poles
- Excavation/trenching for underground utilities "Fiber Optic conduits and Raw Water lines"
- Backfilling of underground utilities.

### **Unit 3 access road inside of Unit 3 Solar Field:**

The Unit 3 access road development will contain installation consisting of road development and underground utilities and will require 11 acres to install. This area spans from the south boundary of Unit 3 Solar Field to the power block as shown on package sheet 4.



Work activities to complete this installation will consist of;

- Clearing and grubbing of access corridor.
- Installation of boundary tortoise fencing
- Excavation and installation of road culverts.
- Excavation and installation of access road.
- Excavation/trenching and installation of underground utilities consisting of 115KV cables, Fiber Optic conduits and Raw Water lines.
- Backfilling of underground utilities.

### **Unit 3 Power Block:**

The Unit 3 Power Block will require 78 acres to install. This area spans from the Unit 3 access road to the first Solar Field drive path as shown on package sheet 4.

Work activities to complete this installation will consist of;

- Clearing and grubbing
- Installation of boundary tortoise fencing.
- Installation of temporary lay-down access roads
- Installation of workers parking lot.
- Development of lay-down area for local storage of materials and equipment.
- Earthwork development for power block foundations and underground utilities.
- Concrete placements
- Underground utilities trenching and commodity installations for electrical conduit and piping.
- Above ground commodities for structural steel, electrical commodities, piping, mechanical equipment, structures and buildings

### **Plans for completion of Unit 2 and 3 Security Fencing:**

The method for completion of the remaining Unit 2 and 3 security fencing is described below. Access to complete the below work scope will be from the inside the Solar field designed fence boundary around Unit 2 and 3. The majority of clearing and grubbing acreage for this activity is previously included in the activities for installation of the Fuel Gas Line and the Unit 3 access road. The only remaining clearing and grubbing required is on the south boundary of the Unit 2 Solar field. This will require 5 acres. See package sheet 7 and 8.



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This work to be accomplished utilizing Best Management Practices as contained in the SWPPP and ESCP) (e.g., BMPs such as backfilling of augered holes, covering exposed pipe ends). No boundary fence will be installed as this work activity is limited in duration.

*Unit 2 Security Fencing;*

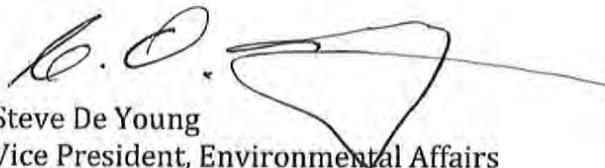
- Remaining security fence line for Unit 2 is located on the west, south and east boundary.
- Clearing and grubbing of south boundary consisting of 5 acres.
- Auguring of holes
- Trenching for installation of the buried tortoise fence fabric.
- Installation of the fence poles
- Installation of the fence fabric
- Back fill of the buried tortoise fence fabric

*Unit 3 Security Fencing;*

- Auguring of holes on the east and north boundary
- Trenching for installation of the buried tortoise fence fabric on the east and north boundary.
- Installation of fence poles on the east and north boundary.
- Installation of tortoise and security fence fabric on the east and north boundary.
- Back fill of tortoise fence fabric on the east and north boundary.

Should you have any questions or require additional information please do not hesitate to contact me at (925) 890-9714.

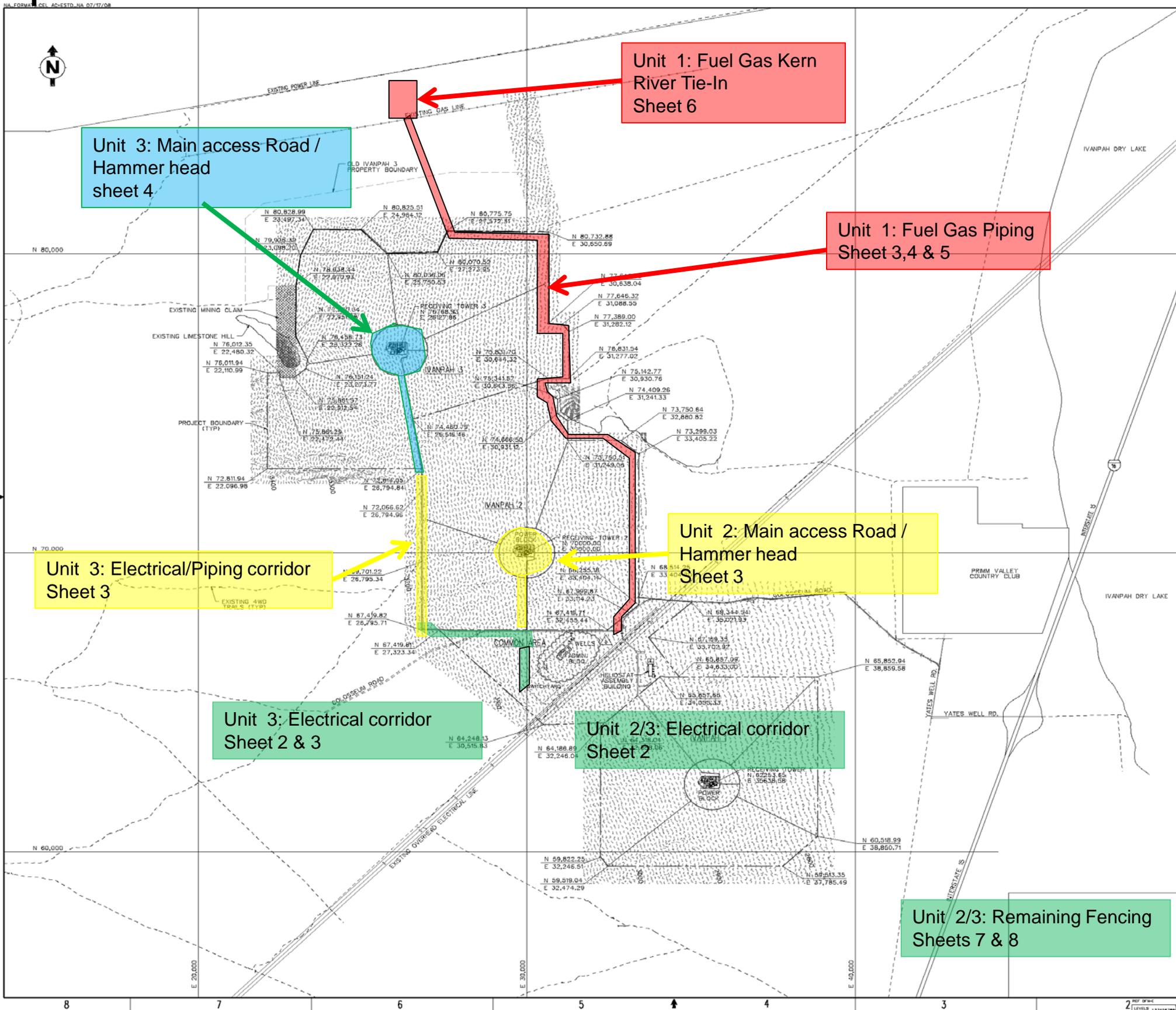
Regards,



Steve De Young  
Vice President, Environmental Affairs  
BrightSource Energy, Inc.

# Required work areas -----Sheet 1 of 8

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VICINITY MAP

ANNUAL WIND ROSE  
PERIOD: 2003 ANNUAL  
JEAN, NV

**NOTES:**

- THE PROJECT BOUNDARY LINES SHOWN ON THIS DRAWING ARE BASED ON A DOCUMENT ISSUED BY BRIGHTSOURCE INDUSTRIES ISRAEL ENTITLED "IVANPAH SITE BOUNDARIES & TOWER LOCATION" PROJECT NO. 800495 DOCUMENT NO. 80049-SF-LD-1022, REV. 3, DATED 25 JAN. 2010. THE LOCATIONS SHOWN ON THE BRIGHTSOURCE DRAWING ARE EXPRESSED IN UTM, ZONE 11 COORDINATES, NAD83, IN U.S. SURVEY FEET, PER AN EARLIER DRAWING ISSUED BY NORLEY PARSONS ENTITLED "IVANPAH PROJECT COORDINATES OVERALL SITE LAYOUT PLAN", DRAWING NO. IWAN0-SK-048-111-001, REV. B DATED 9 OCT. 2009.
- THE COORDINATES SHOWN ON THIS DRAWING ARE BASED ON A LOCAL PLANT GRID SYSTEM IN ACCORDANCE WITH A SURVEY CONDUCTED BY VTN CONSULTING, INC., LAS VEGAS, NV, DATED 30 MAR 2010, DRAWING NO. 7276-A AND BASED ON THE BRIGHTSOURCE DRAWING IN NOTE # ABOVE. THE LOCAL PLANT GRID SYSTEM WAS ESTABLISHED AS FOLLOWS:
  - HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983 (1986)
  - VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988
  - UNIT OF MEASUREMENT: U.S. SURVEY FEET
  - GRID ORIGIN:
 

UNIT 2 SOLAR TOWER	78,000.0000 FEET
FALSE NORTING*	30,000.0000 FEET
FALSE EASTING*	12,912,867.1800 NORTH
UTM ZONE 11N	2 083,324.9800 EAST
LATITUDE*	035° - 33' - 23.8396" NORTH
LONGITUDE*	112° - 29' - 12.4785" WEST
ELEVATION*	3,028.5000 FEET
  - GRID ORIENTATION: MERIDIAN AT 117° - 00' - 00" WEST
  - CENTRAL MERIDIAN OF UTM ZONE 11
  - GRID PROJECTION: PLANAR SURFACE NORMAL TO GRAVITY AT GRID ORIGIN

THE COMBINED SCALE FACTOR APPLIED BY THE VTN CONSULTING SURVEY TO THE UTM COORDINATES SHOWN ON THE BRIGHTSOURCE DRAWING IS 0.99970719 (GROUND TO GRID).

**LEGEND:**

- PROJECT BOUNDARY
- EXISTING 4WD TRAILS

SCALE 1"=1000'

NO.	DATE	REVISION	BY	CHK	APP	DESC.
1	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
2	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
3	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
4	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
5	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
6	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
7	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
8	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
9	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
10	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
11	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
12	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
13	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
14	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
15	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
16	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
17	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
18	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
19	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	
20	03-02-09	ISSUED FOR CONSTRUCTION	BRANK	LWJ	DM	

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FREDERICK, MARYLAND

IVANPAH SOLAR ELECTRIC GENERATING FACILITY  
SOLAR PARTNERS I, II, AND VIII

SITE PLAN

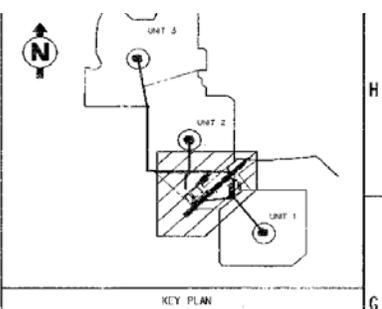
JOB NO.	DRAWING NO.	REV.
25542	000-C2-0000-00001	5

SCALE 1"=1000'

# Required work areas -----Sheet 2 of 8

**Unit 2/3: 115/33kV Power Lines**  
 :Access – Best Management Practices  
 :Area - 3.5 Acres  
 :Scope of Work  
 - 115kV Poles  
 - Fiber Optic conduits

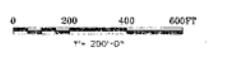
**Unit 3: 115/33kV Power Lines**  
 :Access Best Management Practices  
 :Area – Acreage shown on Sheet 3  
 :Scope of Work  
 - 115/33kV Poles  
 - Fiber Optic conduit  
 - Road Surfacing  
 - Culvert drainage system  
 - Raw Water underground piping



- NOTES:**
- DESIGN DEPICTS LAYOUT OF 115KV HV CABLE AND IS CONCEPTUAL. DETAIL DESIGN OF THE HV CABLE IS BY SUBCONTRACTOR.
  - CABLE SPICE LOCATION FOR THE 115KV (3 PHASE CKT) HV CABLE SHALL BE DETERMINED BY SUBCONTRACTOR.
  - CABLE TERMINATORS SHALL BE PROVIDED AND INSTALLED BY SUBCONTRACTOR.
  - FINAL HV XLPE CABLE LENGTH FOR EACH PHASE TO BE DETERMINED BY SUBCONTRACTOR'S CABLE PLAN AND PROFILE DRAWINGS.
  - NURSERY AREA SIZE AND LOCATION IN DEVELOPMENT.
  - COORDINATES IN BOXES WERE DERIVED FROM SCE INFORMATION DOCUMENTS.

- REFERENCE DRAWINGS:**
- 25542-001-EZ-3600-00002 UNIT 1 115KV AND 33KV UNDERGROUND CABLE AND OVERHEAD LINE ROUTING PLAN
  - 25042-001-EZ-3600-00002 UNIT 1 115KV AND 33KV UNDERGROUND CABLE ROUTING PARTIAL PLANS AND SECTIONS
  - 25542-002-EZ-3600-00001 UNIT 2 115KV AND 33KV UNDERGROUND CABLE AND OVERHEAD LINE ROUTING PLAN
  - 25542-002-EZ-3600-00002 UNIT 2 115KV AND 33KV UNDERGROUND CABLE AND OVERHEAD LINE PARTIAL PLAN AND SECTION
  - 25542-009-EZ-3600-00002 UNIT 2 115KV AND 33KV UNDERGROUND CABLE AND OVERHEAD LINE PARTIAL PLAN AND SECTION
  - 25542-000-C2-0000-00001 SITE PLAN
  - 25542-001-P1-0010-00001 PLOT PLAN
  - 25542-009-P1-0010-00001 COMMON AREA ARRANGEMENT

THIS DRAWING SUPERSEDES DWG. 2552-001-ER-3601-00001



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REVISION	DATE	BY	CHKD	APP'D
1	08-15-10	JCY	BLW	GAM
2	08-15-10	OPJ	CDR	

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 SOLAR PARTNERS I, II, AND VIII

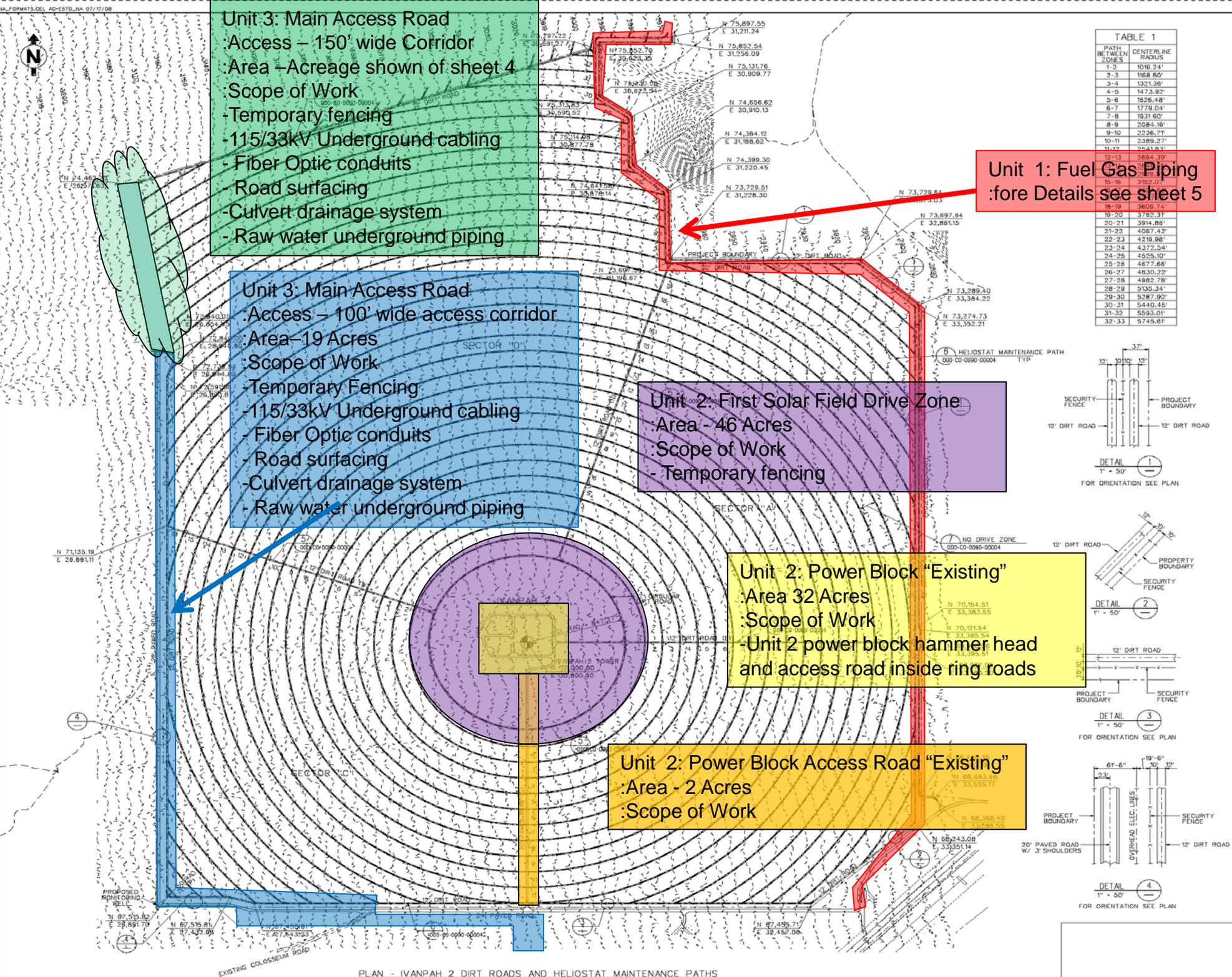
**COMMON AREA**  
 115KV AND 33KV UNDERGROUND CABLE AND  
 OVERHEAD LINE ROUTING PLAN

JOB NO.	DRAWING NO.	REV.
25542	009-EZ-3600-00001	1

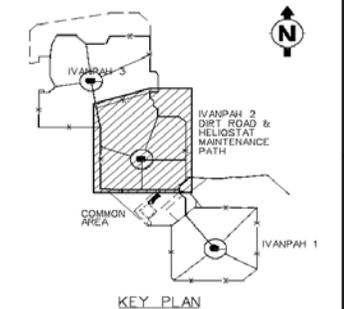
DRAWING HOLD TABLE			
NO.	REASON FOR HOLD	RESPONSIBLE ENGINEER	ANTICIPATED RELEASE DATE
1	PENDING SCE CONFIRMATION	ELECTRICAL	FEB 2011

# Required work areas -----Sheet 3 of 8

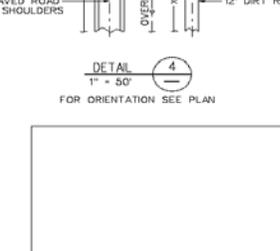
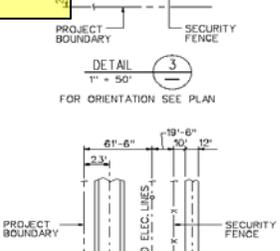
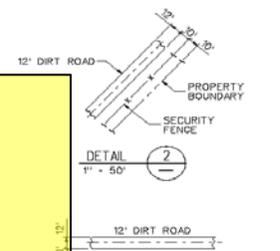
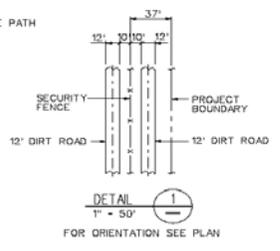
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PATH BETWEEN ZONES	CENTERLINE RADIUS
1-2	1016.24'
2-3	1668.80'
3-4	1321.36'
4-5	1473.92'
5-6	1626.48'
6-7	1779.04'
7-8	1931.60'
8-9	2084.16'
9-10	2236.72'
10-11	2389.27'
11-12	2541.83'
12-13	2694.39'
13-14	2846.95'
14-15	3000.00'
15-16	3152.56'
16-17	3305.12'
17-18	3457.68'
18-19	3610.24'
19-20	3762.80'
20-21	3915.36'
21-22	4067.92'
22-23	4220.48'
23-24	4373.04'
24-25	4525.60'
25-26	4678.16'
26-27	4830.72'
27-28	4983.28'
28-29	5135.84'
29-30	5288.40'
30-31	5440.96'
31-32	5593.52'
32-33	5746.08'



- NOTES:**
- FOR COORDINATE SYSTEM, COORDINATES OF PROJECT BOUNDARY AND VERTICAL DATUM, SEE SITE PLAN DRAWING 000-CS-0000-00001.
  - FOR ROADWAY SECTIONS & DETAILS, SEE DWG. 000-SO-0000-00004.
  - LOCATION COORDINATES ARE GIVEN TO THE CENTERLINE OF DIRT ROAD OR PATH.
  - THE LAYOUT OF ROADS AND PATHS ARE BASED ON BRIGHTSOURCE DRAWING: 80048-SF-E-D-1004.



- REFERENCE DRAWINGS:**
- 000-CO-0090-00004 SITE WORK SHEET 4-TYPICAL GRADING & SURFACING DETAILS
  - 002-CG-0011-00001 IVANPAH 2 WASH CROSSINGS AT DEPTHS GREATER THAN 3'-0" AT ROAD/PATH INTERSECTIONS
  - 002-CG-0011-00002 IVANPAH 2 WASH CROSSINGS AT DEPTHS OF 2'-0" TO 3'-0" AT ROAD/PATH INTERSECTIONS
  - 002-CG-0011-00003 IVANPAH 2 WASH CROSSINGS AT DEPTHS OF 1'-0" TO 2'-0" AT ROAD/PATH INTERSECTIONS

0	300	600	900	1200 FT
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ISSUED FOR CONSTRUCTION	LW	RTV	KN	APR	AUG
NO. DATE	REVISED	BY	CHK	APP	DATE
001	01/11/11	LW	RTV	KN	01/11/11

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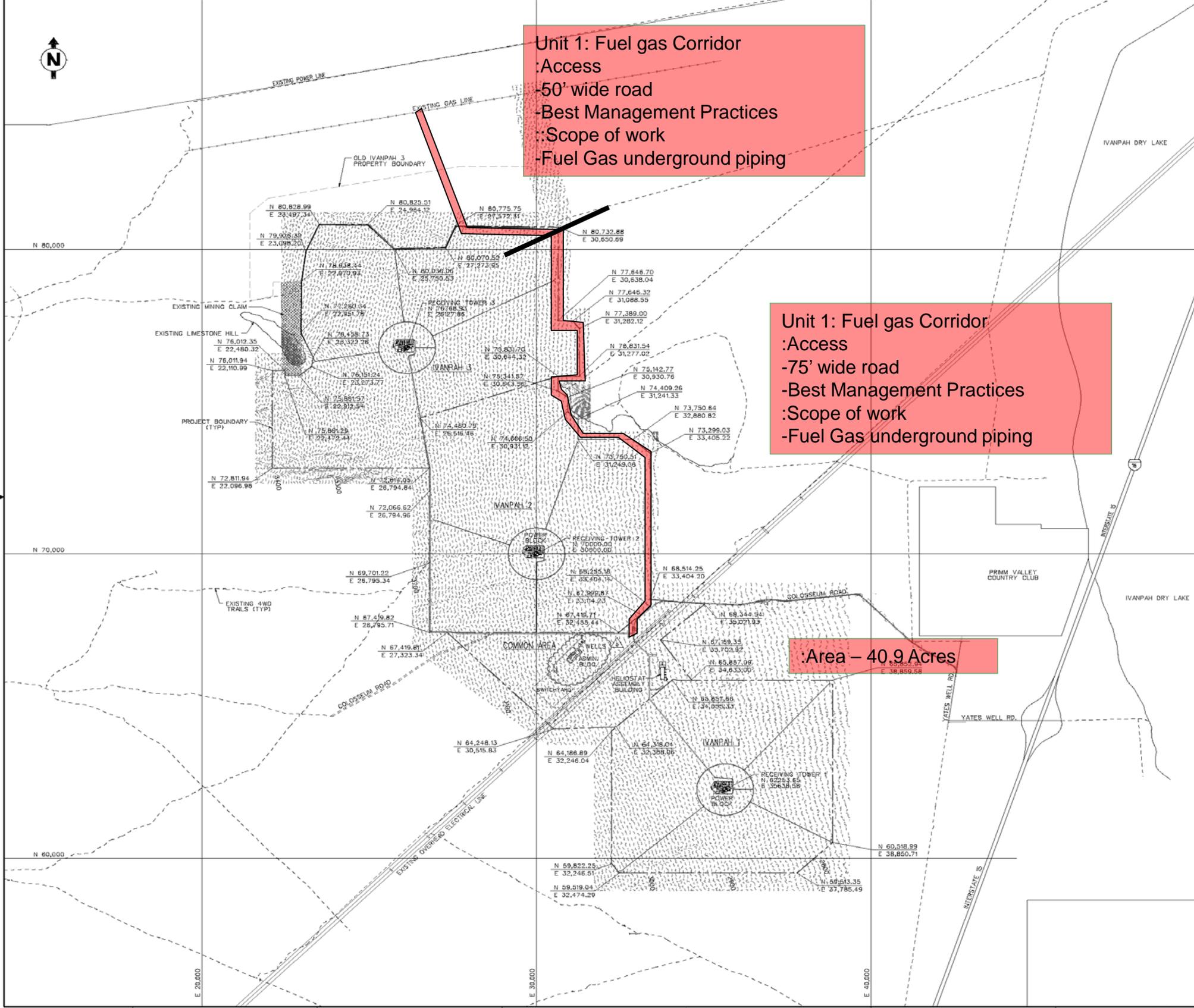
IVANPAH 2  
DIRT ROAD & HELIOSTAT  
MAINTENANCE PATH PLAN

JOB NO.	DRAWING NO.	REV.
25542	002-CS-0011-00001	0



# Required work areas -----Sheet 5 of 8

DATE: 07/17/08



**Unit 1: Fuel gas Corridor**  
 :Access  
 -50' wide road  
 -Best Management Practices  
 :Scope of work  
 -Fuel Gas underground piping

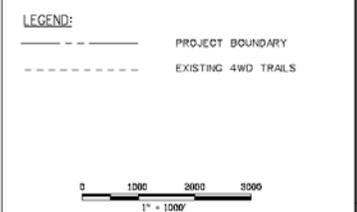
**Unit 1: Fuel gas Corridor**  
 :Access  
 -75' wide road  
 -Best Management Practices  
 :Scope of work  
 -Fuel Gas underground piping

**:Area - 40.9 Acres**



- NOTES:**
- THE PROJECT BOUNDARY LINES SHOWN ON THIS DRAWING ARE BASED ON A DOCUMENT ISSUED BY BRIGHTSOURCE INDUSTRIES ISRAEL ENTITLED 'IVANPAH SITE BOUNDARIES & TOWER LOCATION', PROJECT NO. 80049, DOCUMENT NO. 60049-SF-L-D-1022, REV. 3, DATED 25 JAN. 2010. THE LOCATIONS SHOWN ON THE BRIGHTSOURCE DRAWING ARE EXPRESSED IN UTM, ZONE 11 COORDINATES, NAD83 IN U.S. SURVEY FEET. PER AN EARLIER DRAWING ISSUED BY WORLEY PARSONS ENTITLED 'IVANPAH PROJECT COORDINATES OVERALL SITE LAYOUT PLAN', DRAWING NO. IVANH-SK-048-111-001, REV. B DATED 9 OCT. 2009.
  - THE COORDINATES SHOWN ON THIS DRAWING ARE BASED ON A LOCAL PLANT GRID SYSTEM IN ACCORDANCE WITH A SURVEY CONDUCTED BY VTN CONSULTING, INC., LAS VEGAS, NV, DATED 30 MAR 2010, DRAWING NO. 7276-A AND BASED ON THE BRIGHTSOURCE DRAWING IN NOTE 1 ABOVE. THE LOCAL PLANT GRID SYSTEM WAS ESTABLISHED AS FOLLOWS:
    - HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983 (1983)
    - VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988
    - UNIT OF MEASUREMENT: U.S. SURVEY FEET
    - GRID ORIGIN:
 

UNIT 2 SOLAR TOWER	70,000.0000 FEET
FALSE NORTHING	30,000.0000 FEET
FALSE EASTING	72,912,897.1800 NORTH
UTM ZONE 11N	2,085,324.8800 EAST
LATITUDE	035° 33' 23.8398" NORTH
LONGITUDE	115° 28' 12.1785" WEST
ELEVATION	3,028.5000 FEET
    - GRID ORIENTATION: MERIDIAN AT 117° 00' 00" WEST
    - CENTRAL MERIDIAN OF UTM ZONE 11
    - GRID PROJECTION: PLANAR SURFACE NORMAL TO GRAVITY AT GRID ORIGIN
- THE COMBINED SCALE FACTOR APPLIED BY THE VTN CONSULTING SURVEY TO THE UTM COORDINATES SHOWN ON THE BRIGHTSOURCE DRAWING IS 0.99970719 (GROUND TO GRID).



1	RELOCATED WELLS IN THE COMMON AREA & RESERVED FOR CONSTRUCTION	L.W.	RTV	-	APH	COR
2	ADDED PL 21 AMP AND ISSUED FOR CONSTRUCTION	L.W.	RTV	-	APH	COR
3	RELOCATED ADREN BLDG WELL & POSITION OF COLOSSEUM RD. REISSUED FOR CLIENT REVIEW	L.W.	RTV	-	APH	AUG
4	REVISED COORDINATE SYSTEM FROM UTM TO PLANT GRID AND REVISED WIND ROSE	L.W.	RTV	-	APH	AUG
5	REVISED NOTE 3, ADDED NOTE 2 & CONTOUR ELEVATIONS	L.W.	RTV	-	APH	AUG
6	ISSUED FOR USE	L.W.	MAB	-	APH	RSS

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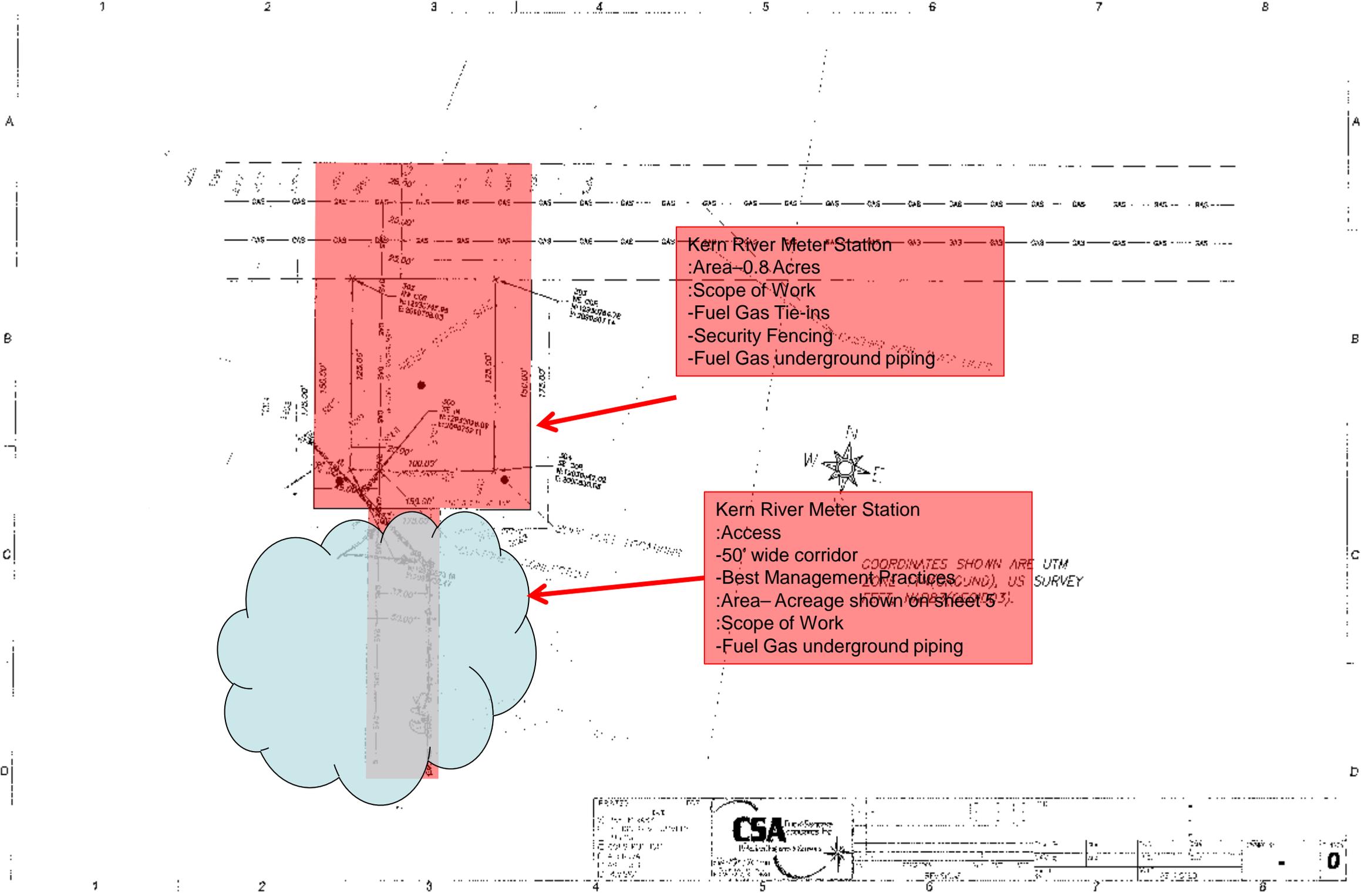
IVANPAH SOLAR ELECTRIC GENERATING FACILITY  
 SOLAR PARTNERS I, II, AND VIII

SITE PLAN

JOB NO.	DRAWING NO.	REV.
25542	000-C2-0000-00001	5

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# Required work areas -----Sheet 6 of 8



**Kern River Meter Station**  
 :Area-0.8 Acres  
 :Scope of Work  
 -Fuel Gas Tie-ins  
 -Security Fencing  
 -Fuel Gas underground piping

**Kern River Meter Station**  
 :Access  
 -50' wide corridor  
 -Best Management Practices  
 :Area- Acreage shown on sheet 5  
 :Scope of Work  
 -Fuel Gas underground piping

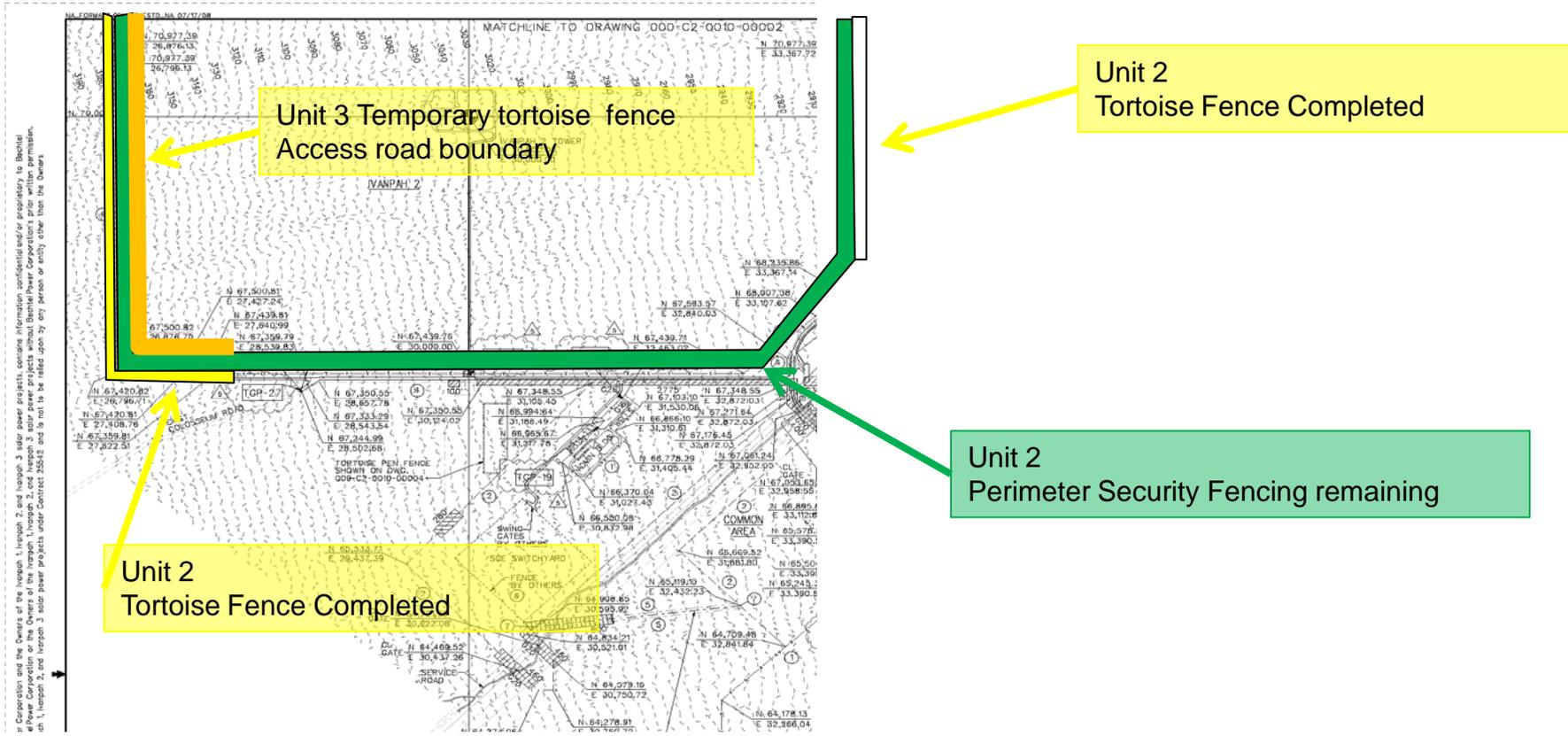
PROJECT	DATE	SCALE	BY	CHECKED
NO. 100-100-100-100	11/11/11	1"=100'	J. J. J.	J. J. J.
NO. 100-100-100-100	11/11/11	1"=100'	J. J. J.	J. J. J.
NO. 100-100-100-100	11/11/11	1"=100'	J. J. J.	J. J. J.
NO. 100-100-100-100	11/11/11	1"=100'	J. J. J.	J. J. J.

**CSA** CONSULTING SERVICES INC.  
 100-100-100-100  
 100-100-100-100

COORDINATES SHOWN ARE UTM  
 (EASTING, NORTHING), US SURVEY  
 FEET, NAD83 (GEOID 3).

0

# Required work areas -----Sheet 7 of 8

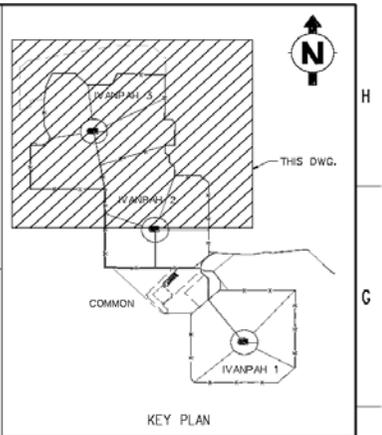
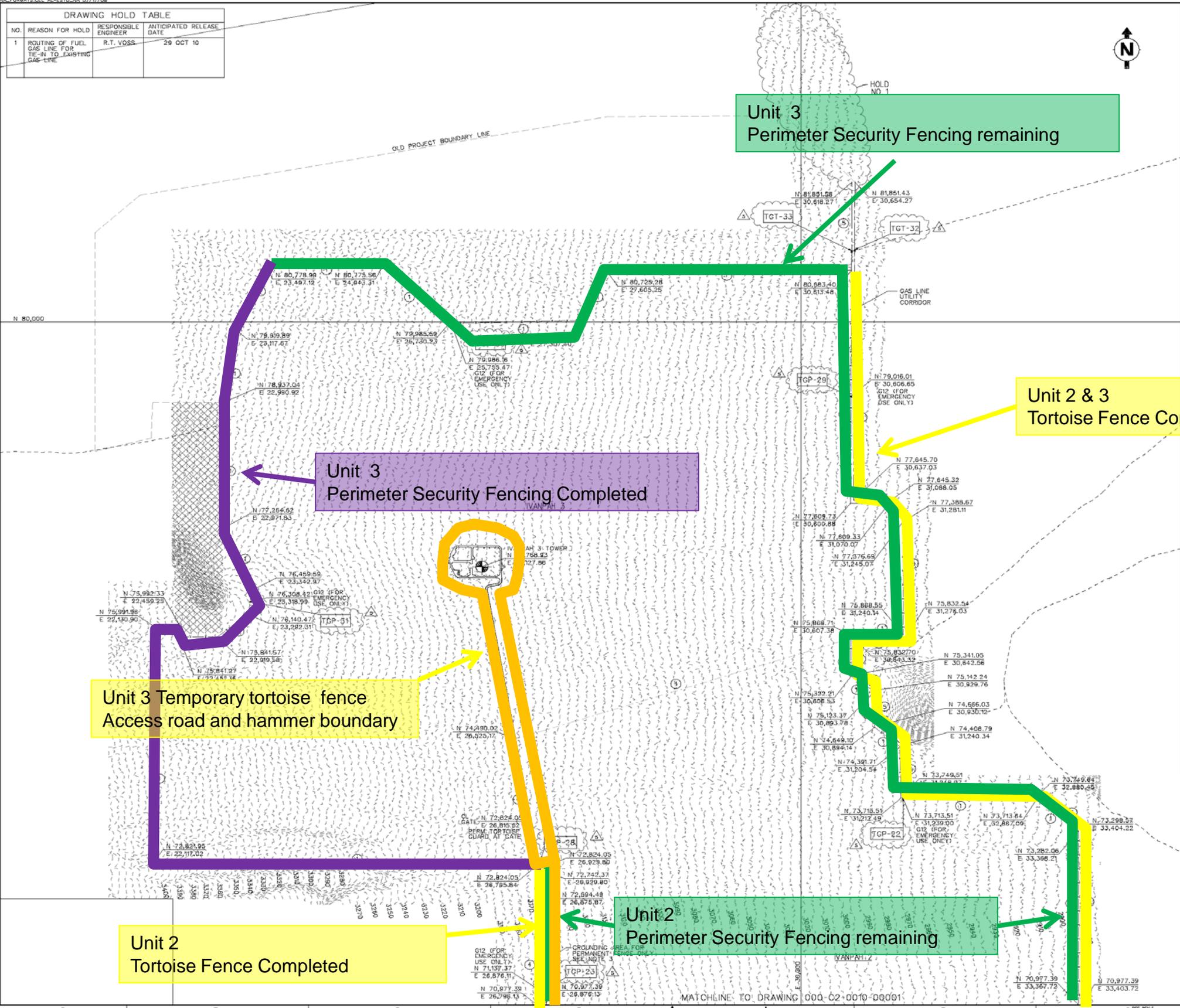


1. Cooperation and the Owners of the Vanpah 2 and Vanpah 3 solar power projects, considers information confidential and/or proprietary to Bachel Power Corporation or the Owners of the Vanpah 1, Vanpah 2, and Vanpah 3 solar power projects without Bachel Power Corporation's prior written permission. This information is being released under Contract 25542 and is not to be relied upon by any person or entity other than the Owners.

# Required work areas -----Sheet 8 of 8

DRAWING HOLD TABLE		
NO.	REASON FOR HOLD	ANTICIPATED RELEASE DATE
1	ROUTING OF FUEL GAS LINE FOR THE IN TO EXISTING GAS LINE	29 OCT 10

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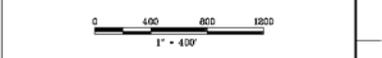
- NOTES:**
- FOR COORDINATE SYSTEM, COORDINATES OF PROJECT BOUNDARY AND VERTICAL DATUM, SEE SITE PLAN DRAWING 000-C2-0010-00001.
  - FOR STANDARD FENCING TYPES, DETAILS AND NOTES, SEE DWG. 000-C2-0090-00003 & 000-C2-0090-00006.
  - FOR GRADING DETAILS, SEE BECHTEL ENGINEERING DESIGN STANDARD FOR GRADING NOTES, SYMBOLS AND DETAILS NO. 305-E410-00001.

**LEGEND:**

(1) 8" PERMANENT SECURITY FENCE	(5) TEMPORARY SILT/TORTOISE FENCE
(2) 8" TEMPORARY SECURITY FENCE	(6) PERMANENT SECURITY FENCE BY OTHERS
(3) 6" TEMPORARY SECURITY FENCE	(7) REMOVABLE SECURITY FENCE SECTION
(4) TEMPORARY TORTOISE FENCE	(8) BREAKAWAY SECURITY FENCE SECTION
	(Hatched) GROUNDED REQUIRED IN THIS AREA WITH DISTANCE SHOWN SEE NOTE 3
	R13-13 2' - 13" ROLLING GATES WITH TORTOISE GUARD
	G12 12" SWING GATES WITH TORTOISE GUARD
	(TGP) TORTOISE GUARD PERMANENT
	(TGT) TORTOISE GUARD TEMPORARY

**REFERENCE DRAWINGS:**

000-C2-0010-00001	IVANPAH 1, IVANPAH 2 & COMMON AREA FENCING PLAN
000-C2-0090-00003	SITE WORK SHEET 3 - TYPICAL FENCING SECTIONS & DETAILS
000-C2-0090-00006	SITE WORK SHEET 6 - TYPICAL FENCING SECTIONS & DETAILS



100%	REVISED FOR PERMANENT & TEMPORARY TORTOISE GUARD LOCATIONS	WLR	RTV	APR	CDR	-
75%	ISSUED FOR CONSTRUCTION & REVISIONS FOR CONSTRUCTION	LWJ	RTV	APR	CDR	-
50%	REVISED AS SHOWN & REVISIONS FOR CONSTRUCTION	LWJ	RTV	APR	CDR	-
25%	REVISED AS SHOWN	LWJ	RTV	APR	CDR	-
10%	GENERAL REVISION	LWJ	RTV	APR	CDR	-
5%	ISSUED FOR CONSTRUCTION	LWJ	RTV	APR	CDR	-

**BECHTEL POWER CORP.**  
 DEDICATED TO SAFETY EXCELLENCE - ZERO ACCIDENTS  
 FREDERICK, MARYLAND

IVANPAH SOLAR ELECTRIC GENERATING FACILITY  
 SOLAR PARTNERS I, II, AND VIII

IVANPAH 2 & IVANPAH 3  
 FENCING PLAN

JOB NO.	DRAWING NO.	REV.
25542	000-C2-0010-00002	5

MATCHLINE TO DRAWING 000-C2-0010-00001