SITE PLAN
FOR
"RAINBOW'S END SOLAR FARM"
PART OF SECTION 35, TOWNSHIP 23 SOUTH, RANGE 26 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCHISE COUNTY, ARIZONA

SUP LEGAL DESCRIPTION

"THE WEST HALF OF SECTION 35 OF TOWNSHIP 23 SOUTH, RANGE 26 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCHISE COUNTY, ARIZONA".

SITE SUMMARY TABLE

GROSS ACREAGE	:320.79 ACRE
NET ACREAGE	:320.79 ACRE
EXISTING ZONING	:RU-4
PROPOSED ZONING	:SPECIAL USE PERMIT (SUP)
EXISTING LAND USE	:AG – ANIMAL GRAZING

REQUEST

ZONE CHANGE FROM RU-4 TO SUP FOR RAINBOW'S END SOLAR FARM.

FLOODPLAIN DATA

THIS PROPERTY IS LOCATED ENTIRELY WITHIN FLOODPLAIN ZONE "X" AS INDICATED ON THE FLOOD INSURANCE RATE MAP PANEL # 04003C2570F, MAP REVISED AUGUST 28, 2008.

ZONE "X" IS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY AS: AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

ASSESSOR'S PARCEL NUMBER

APN 401-01-005

NOTE:

1. DUE TO THE LOW TRAFFIC VOLUME, PARKING WILL NOT BE PROVIDED UPON BUILDOUT OF THIS DEVELOPMENT. TEMPORARY MAINTENANCE CREW SHALL UTILIZE THE GRAVEL ACCESSWAY FOR PARKING.

2. THE ONLY UTILITY PROPOSED FOR THIS SITE SHALL BE APS. NO OTHER UTILITIES SHALL BE EMPLOYED OR PROPOSED FOR THIS PROJECT.

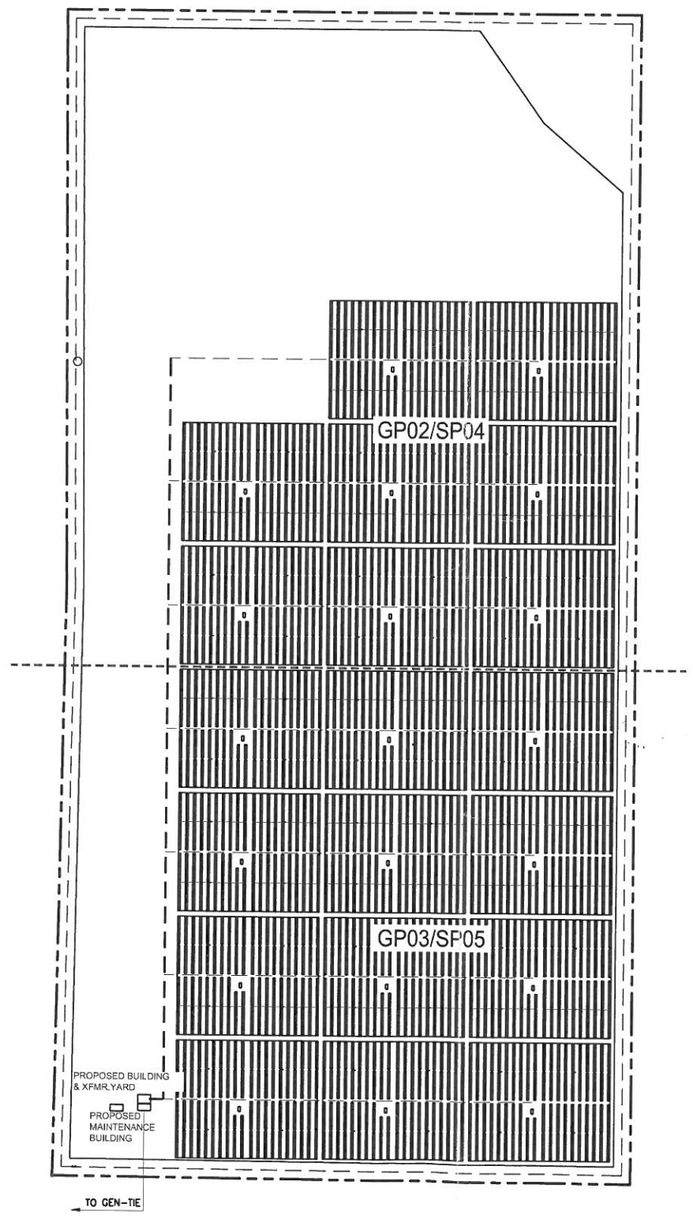
3. NO SIGNS SHALL BE PROPOSED FOR THIS SITE PLAN.

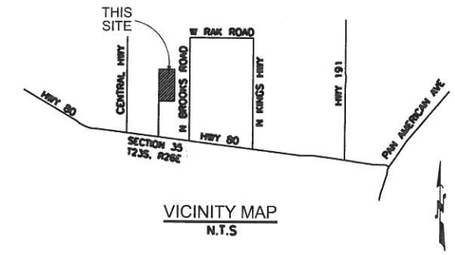
4. OUTDOOR LIGHTING SHALL NOT BE PROVIDED FOR THIS DEVELOPMENT.

5. DURING GRADING AND CONSTRUCTION, DUST CONTROL WILL BE PROVIDED BY WATERING AND CONTROLLED VEHICULAR SPEEDS. AFTER CONSTRUCTION, DUST CONTROL WILL BE PROVIDED BY CONTROLLED VEHICULAR SPEEDS. THE SOLAR PANELS WILL ACT AS WIND BREAKS, THE PERIMETER FENCING WILL ACT AS A WIND BREAK.

LEGEND

- BOUNDARY LINE
- BSL
- MATCH LINE
- SOLAR PANEL
- PROPOSED ROAD
- CONNECTOR
- UNDERGROUND ELECTRIC LINE MV AC
- ABOVE GROUND ELECTRIC LINE HV AC
- INVERTER STATION OF DIMENSION 10'X22'
- PROPOSED RETENTION BASIN
- 4078 — EXISTING CONTOURS
- NG=4080.00 — EXISTING GROUND ELEV.
- FG=4082.60 — PROPOSED FINISH GRADE
- EXISTING WELL
- P.P. — EXISTING POWER POLE
- EXISTING GAS SYSTEM
- PROPOSED FENCE LINE
- PROPOSED GATE
- X — EXISTING FENCE





VICINITY MAP
N.T.S

DEVELOPER / OWNER

RAINBOWS SOLAR ENERGY, LLC
2425 OLYMPIC BOULEVARD, SUITE 500E
SANTA MONICA, CA 90404
PHONE: 310-315-2280
ATTN: JOSHUA FIELDS

ENGINEER

KINETIX ENGINEERING & CONSULTATION
12 N. CENTER STREET
MESA, AZ 85201
PHONE: 480-258-6959
FAX: 480-464-5871
ATTN: DAVID M. BOHN

SURVEYOR

ALL PRO SURVEYING, INC.
6636 E. BASELINE ROAD, SUITE 101
MESA, ARIZONA 85206
PHONE: 480-406-3648
FAX: 480-294-6770
ATTN: ROBERT UNGER

SHEET INDEX

1.....COVER SHEET
2–3.....GRADING AND DRAINAGE PLANS
4–5.....SITE PLANS

SERVICE PROVIDERS

ELECTRIC SERVICES	:APS
WATER	:PRIVATE
SEWER	:SEPTIC

KEY MAP
1"=300'

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REVISIONS:

COVER SHEET

PROJECT: "RAINBOW'S END SOLAR FARM"
COCHISE COUNTY, ARIZONA

Job No.:	11250
Drawn By:	KNX
Checked:	DB
1st Submittal:	
2nd Submittal:	
3rd Submittal:	

JOB NO. 11250

11250CVR01.DWG

SHEET NO. 1

1 OF 5

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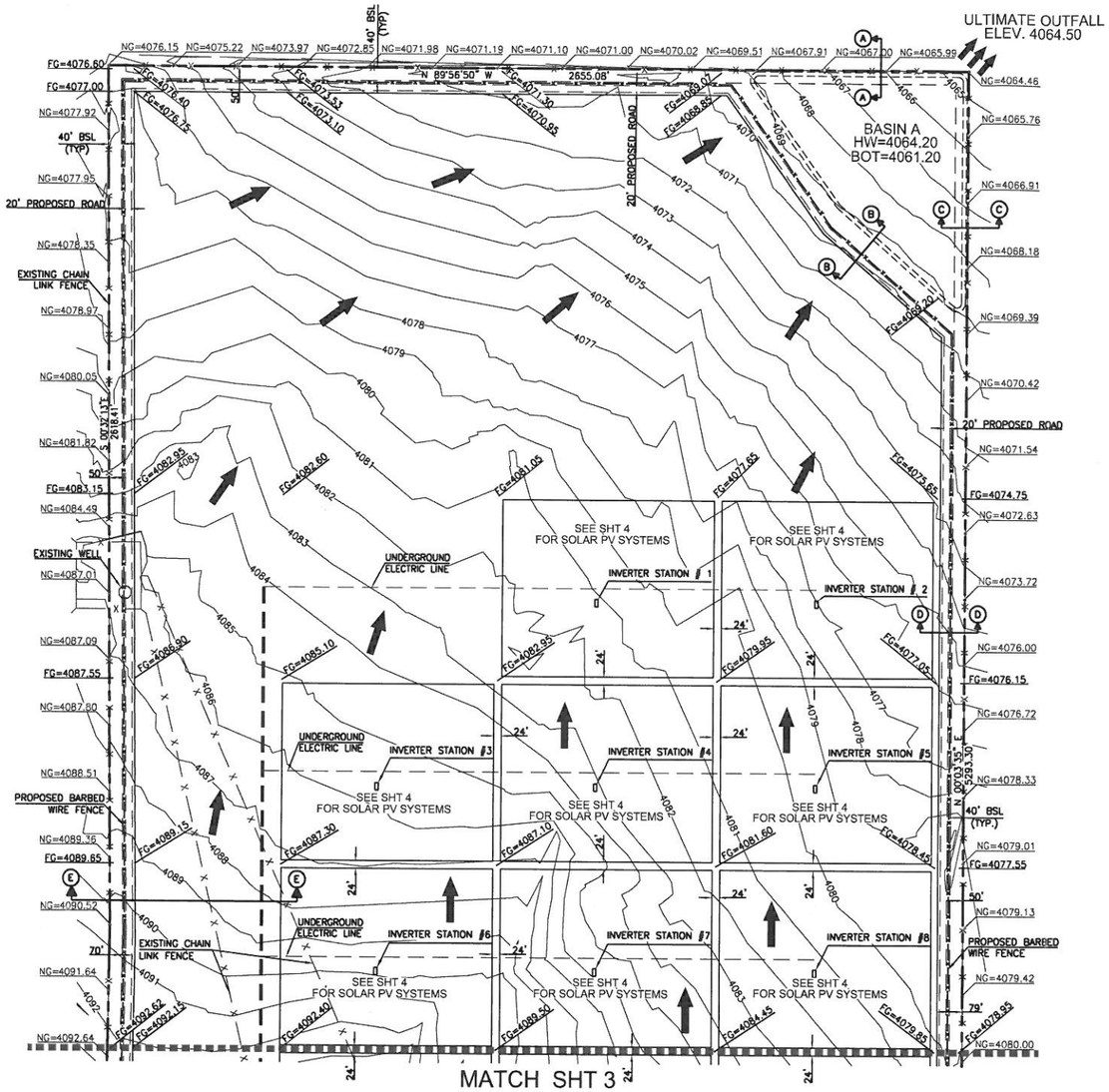

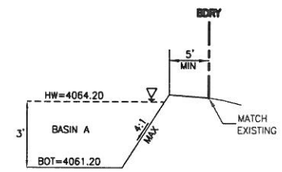

SECTION A-A
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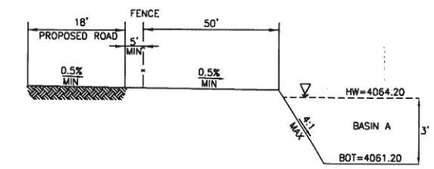

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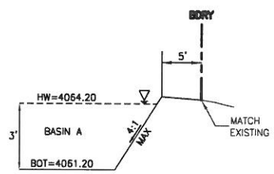

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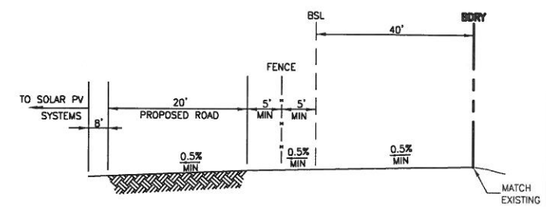

SECTION D-D
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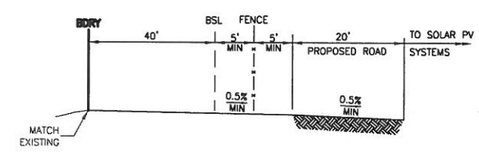
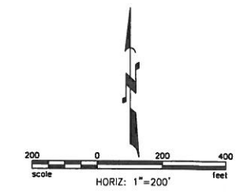


SECTION E-E
N.T.S

AREA	CONTRIBUTING AREA (ACRES)	RETENTION REQUIRED (AC-FT)	BASIN	AREA TOP (SF)	AREA BOT (SF)	DEPTH (FT)	RETENTION PROVIDED (AC-FT)	EXCESS (%)
100YR - 1 HR RETENTION CALCULATIONS:								
A	320.79	17.31	A	292,168	264,143	3.0	19.16	11%
TOTAL	320.79	17.31					19.16	11%



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REVISIONS:

GRADING & DRAINAGE PLAN

PROJECT: "RAINBOW'S END SOLAR FARM"
COCHISE COUNTY, ARIZONA

Job No.:	11250
Drawn By:	KNX
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1st Submittal:	
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3rd Submittal:	

JOB NO. 11250

11250GP02.DWG

SHEET NO. 2

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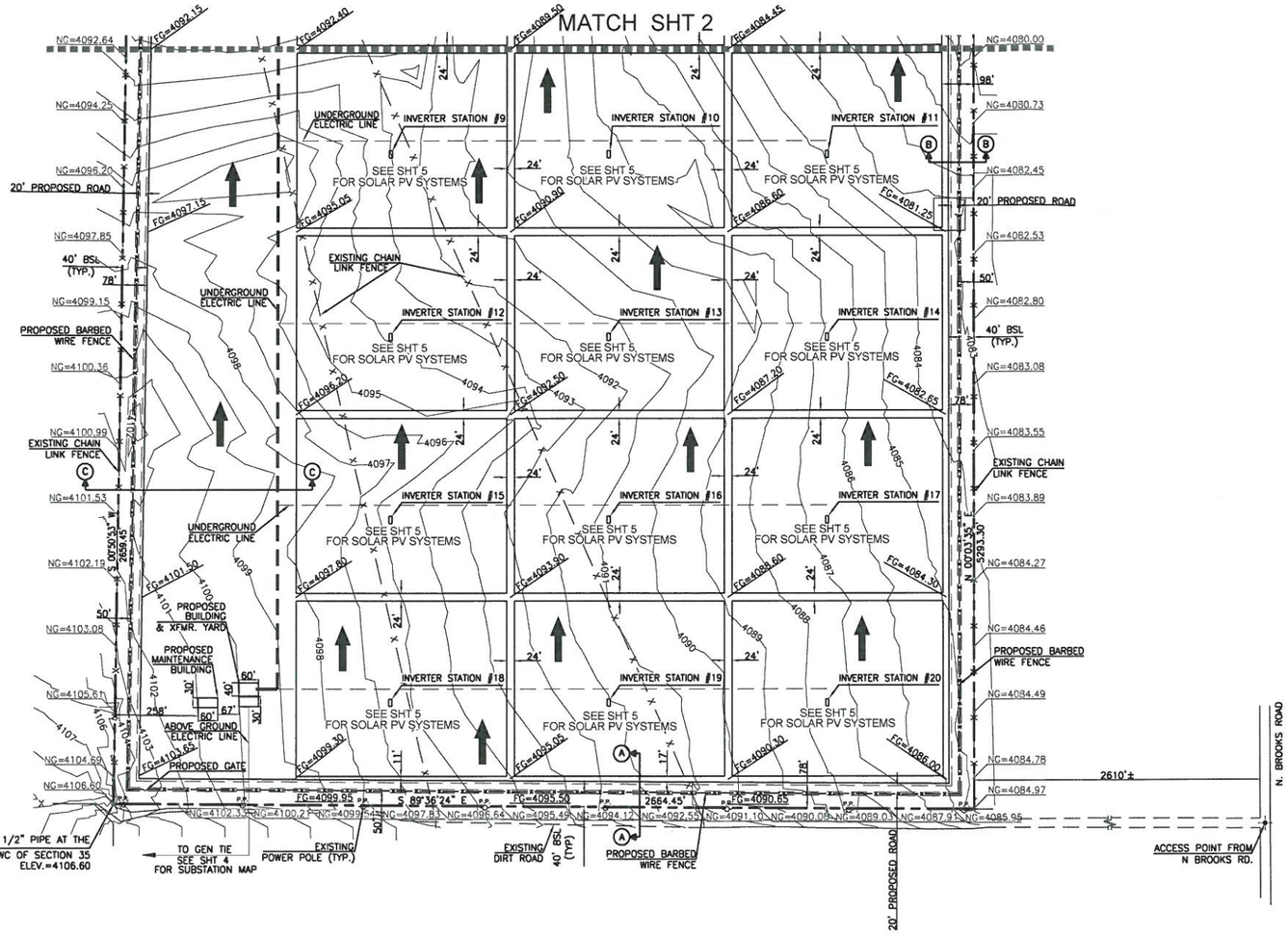
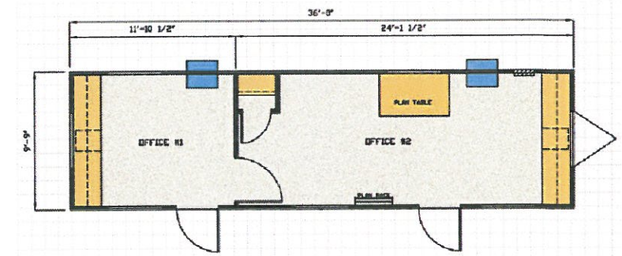


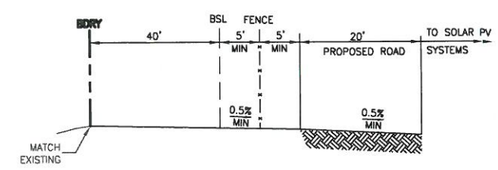


FLOOR PLAN

OFFICE ELEVATION VIEW

PORTABLE OFFICE DETAIL

N.T.S



SECTION A-A

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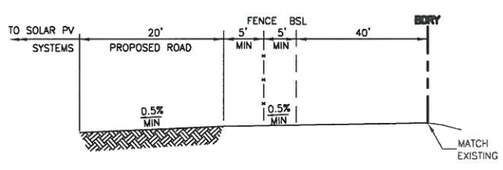

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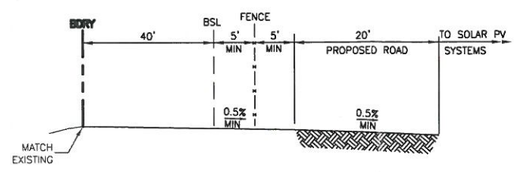

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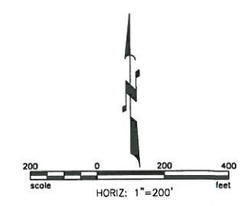

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11250GP03.DWG

SHEET NO. 3

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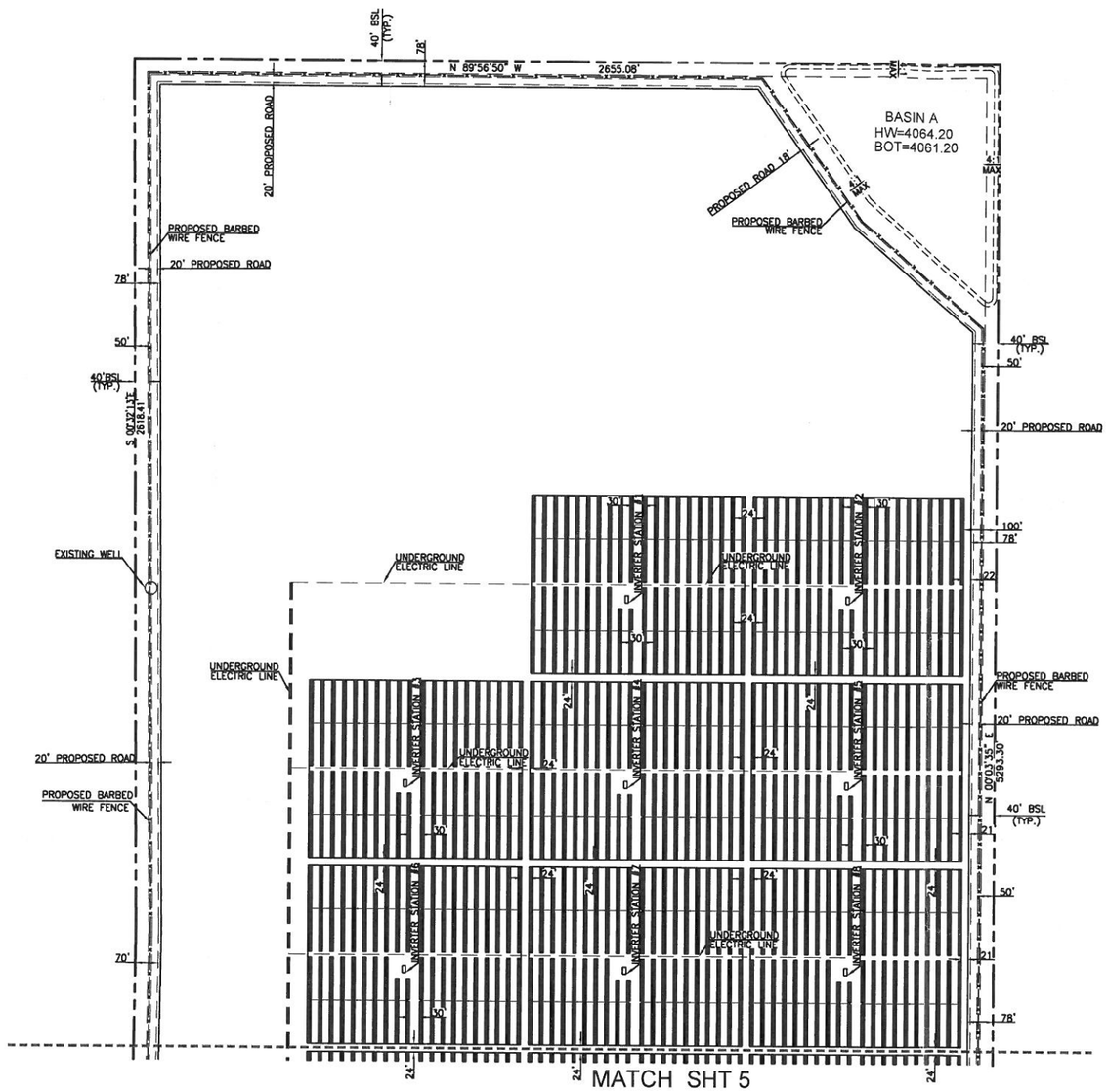
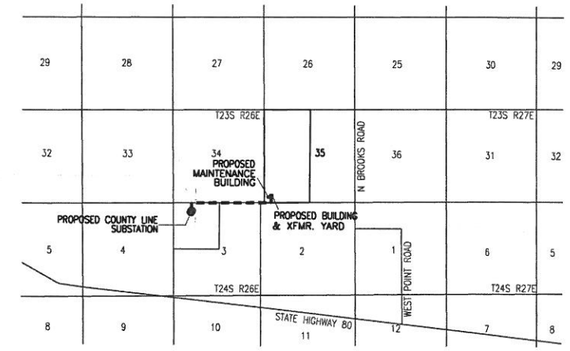
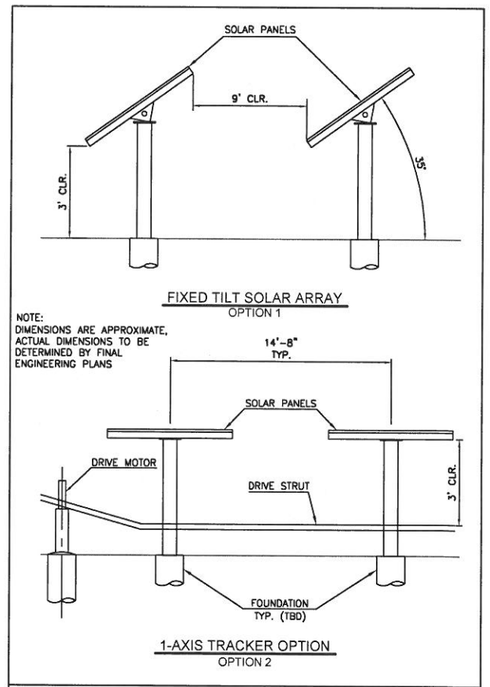




SUBSTATION MAP



SOLAR PANEL CROSS SECTION

200 0 200 400
scale HORIZ: 1"=200' feet

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11250SP04.DWG

SHEET NO. 4

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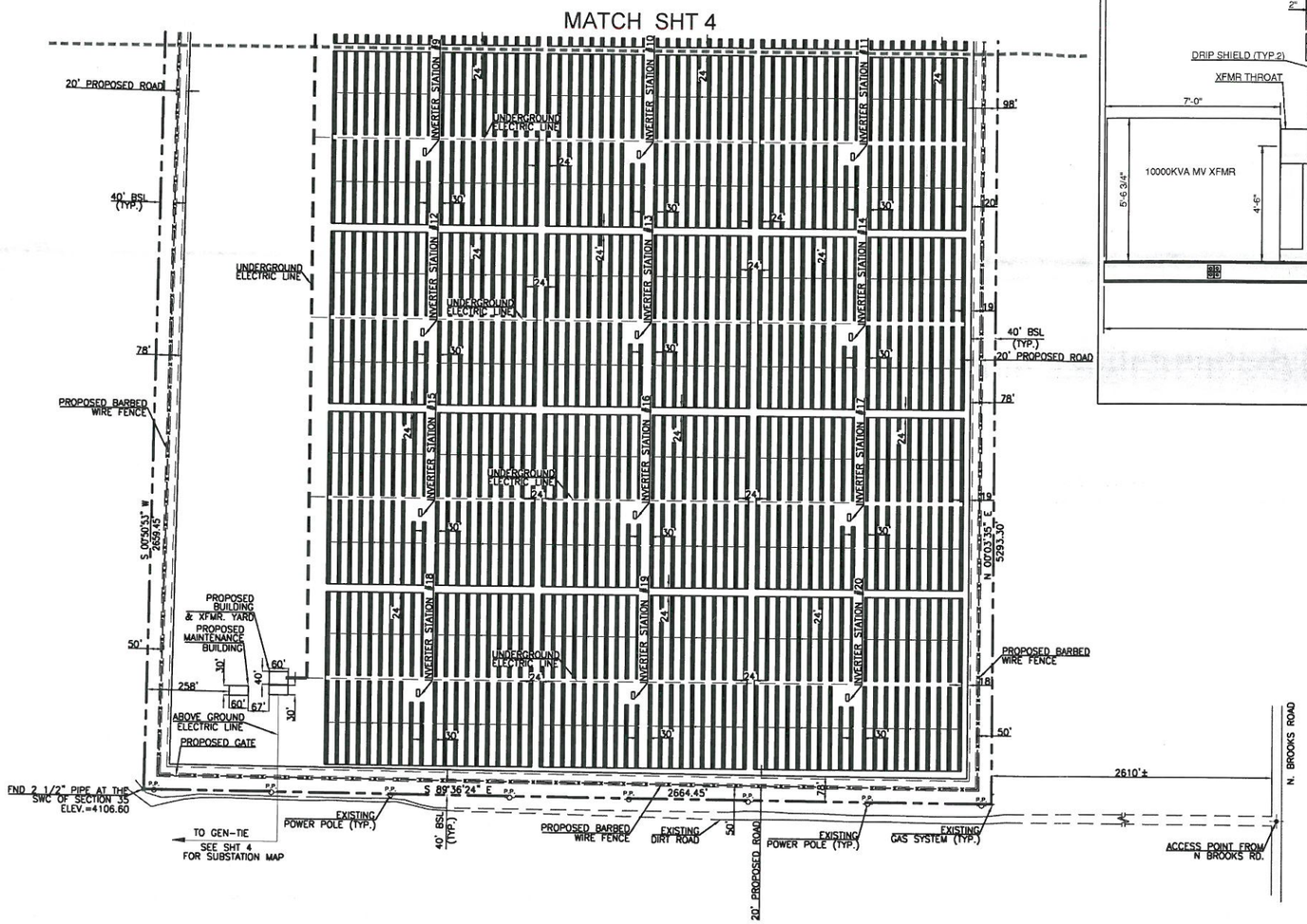
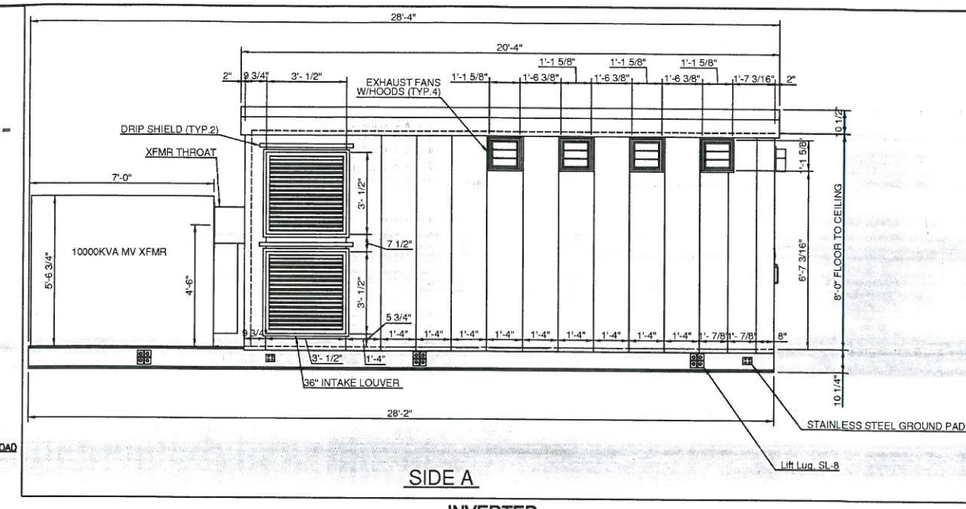
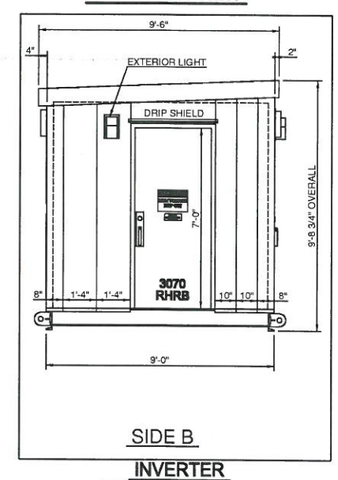




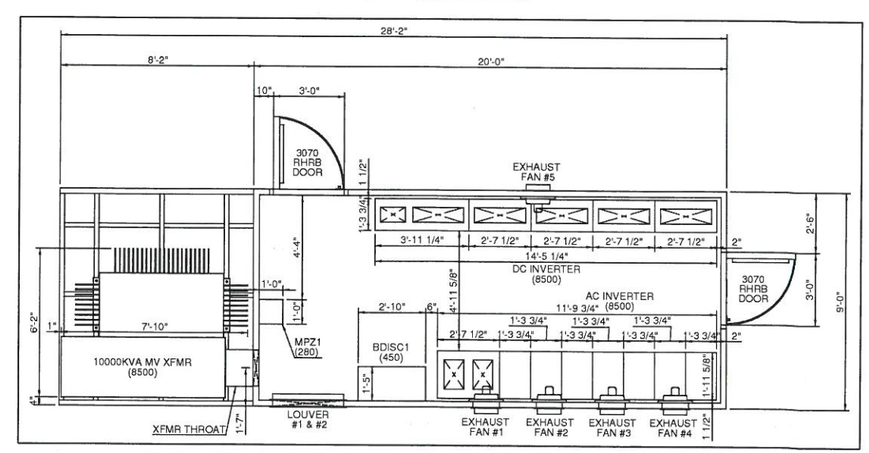
SIDE A

INVERTER ELEVATION VIEW

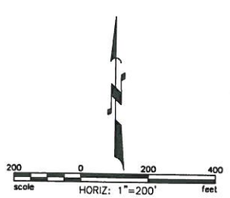


SIDE B

INVERTER ELEVATION VIEW



INVERTER FLOOR PLAN VIEW



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11250SP05.DWG

SHEET NO. 5

5 OF 5

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