



GG. Preliminary Construction Drawings

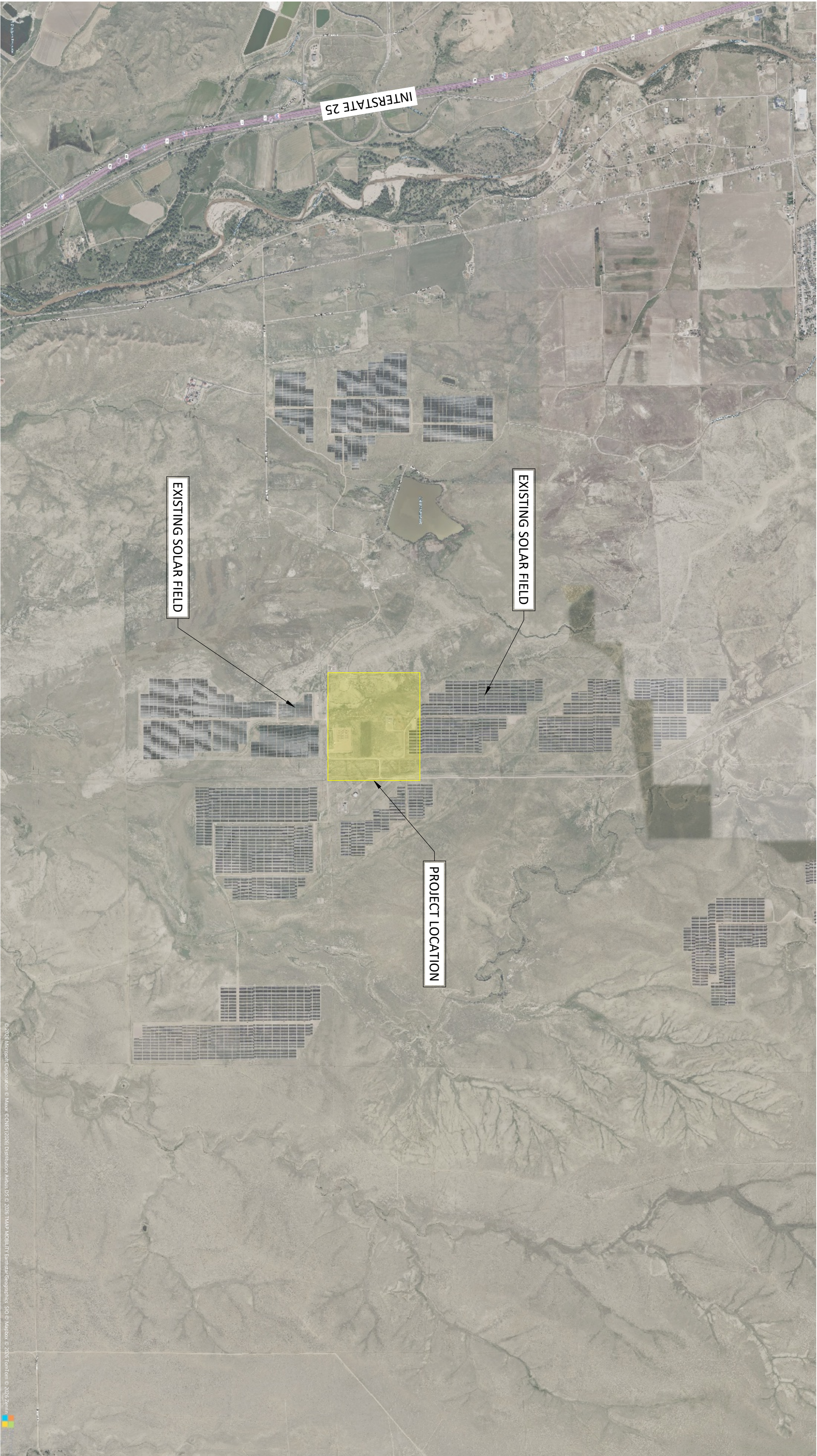
For

Williams Creek Generating Station

WILLIAMS CREEK GENERATING STATION

COLORADO SPRING UTILITIES

CIVIL PACKAGE PROJECT NO: 20070510
EL PASO COUNTY, CO



VICINITY MAP

SCALE: 1" = 500'

OWNER

COLORADO SPRINGS UTILITIES
XXXX,
XXXX, CO XXXX
CONTACT: XXXX
PHONE: XXXX
EMAIL: XXXX

CONTRACTOR

XXXX
XXXX
XXXX, CO XXXX
CONTACT: XXXX
PHONE: XXXX
EMAIL: XXXX

GEOTECHNICAL ENGINEER

XXXX
XXXX
XXXX
CONTACT: XXXX
PHONE: XXXX
EMAIL: XXXX

ENGINEER

KIEWIT ENGINEERING GROUP INC.
8900 RENNER BLVD.
LENEXA, KANSAS 66219
PHONE: (913) 928-7000
CONTACT: DANIEL DUBOSE, PROJECT MANAGER
EMAIL: DANIEL.DUBOSE@KIEWIT.COM

SURVEYOR

XXXX
XXXX
XXXX
CONTACT: XXXX
EMAIL: XXXX



- PRELIMINARY -
NOT FOR CONSTRUCTION

OPEN	CONCEPTUAL EXHIBIT	J. ROWLAND	09-22-26
REV	R. GROTZANS DESIGN BY	CHECKED BY	DATE

COLORADO SPRINGS UTILITIES
WILLIAMS CREEK GENERATING STATION



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COVER SHEET

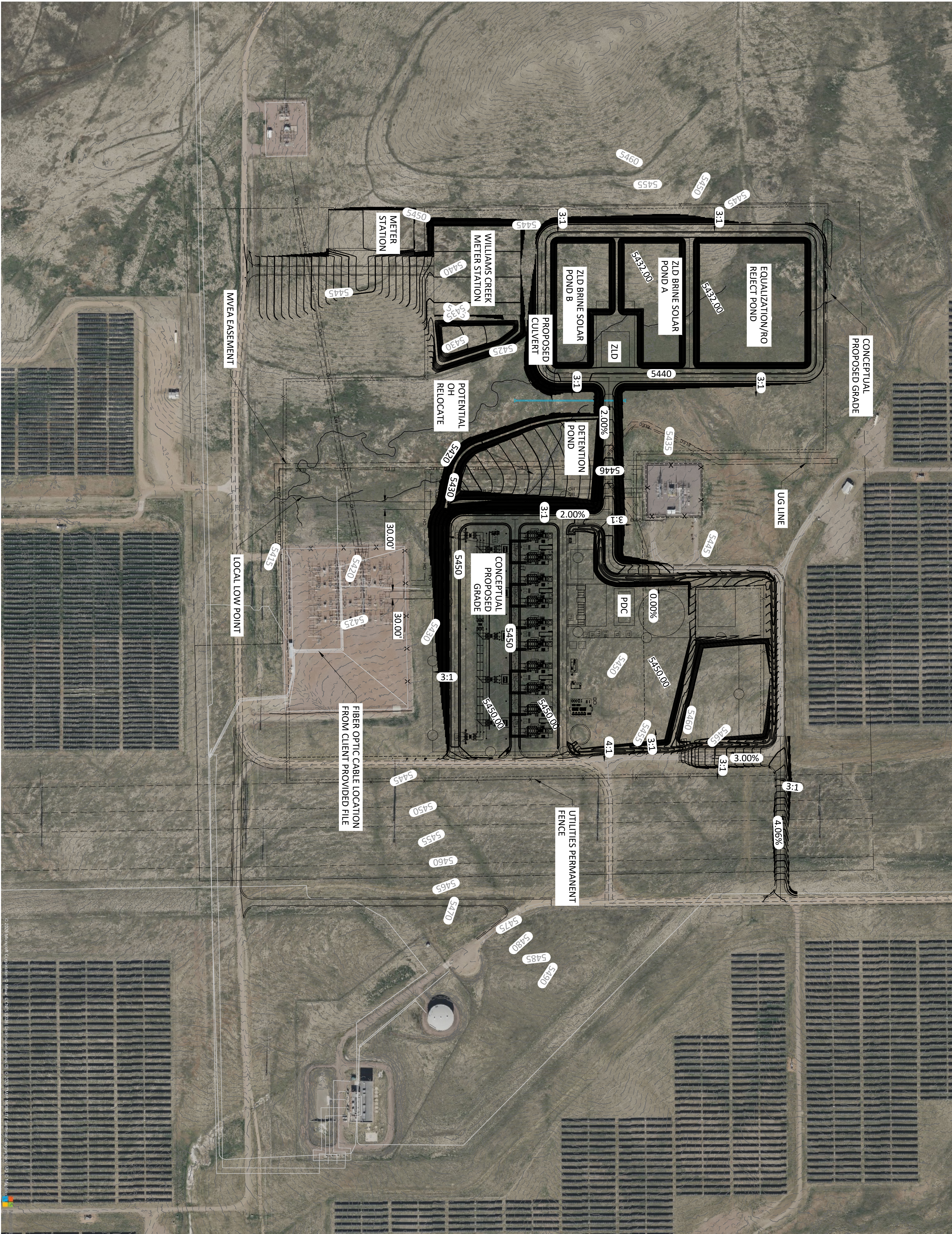
ENGINEER/DESIGN

LEAD ENG
ENG MGR
PROJ MGR

R. GROTZANS
J. ROWLAND
D. DUBOSE
T. ROARK

DRAWING NUMBER

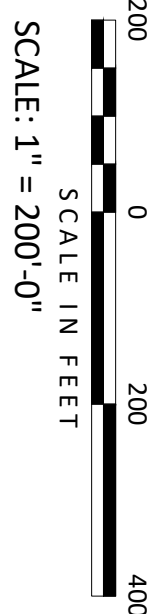
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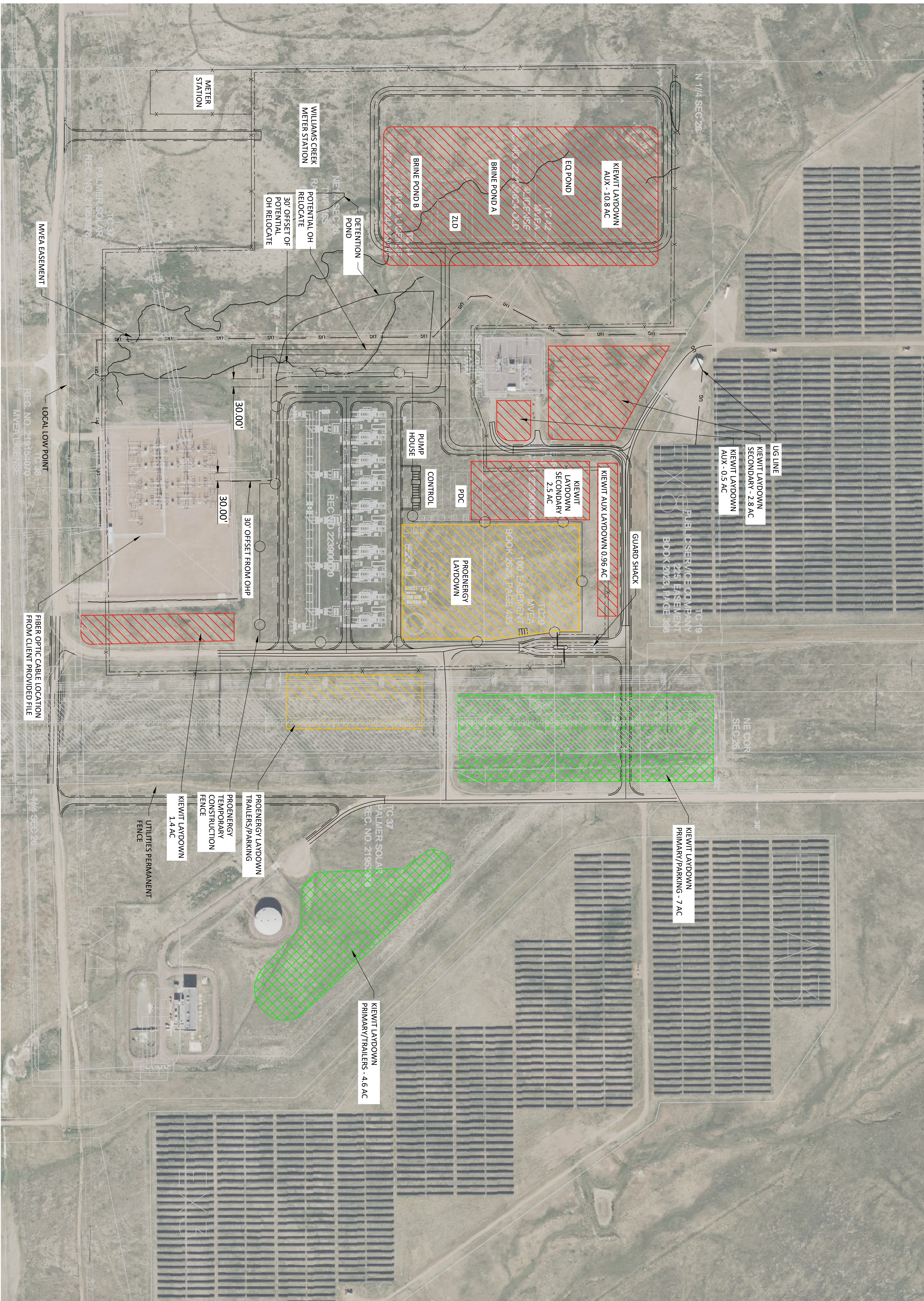
NOTES:

1. THE LOCATIONS OF UTILITIES DEPICTED ARE APPROXIMATE AND HAVE BEEN COMPILED FROM EXISTING RECORDS. NO GUARANTEE IS MADE AS TO THEIR ACCURACY OR COMPLETENESS. FIELD VERIFICATION IS REQUIRED.

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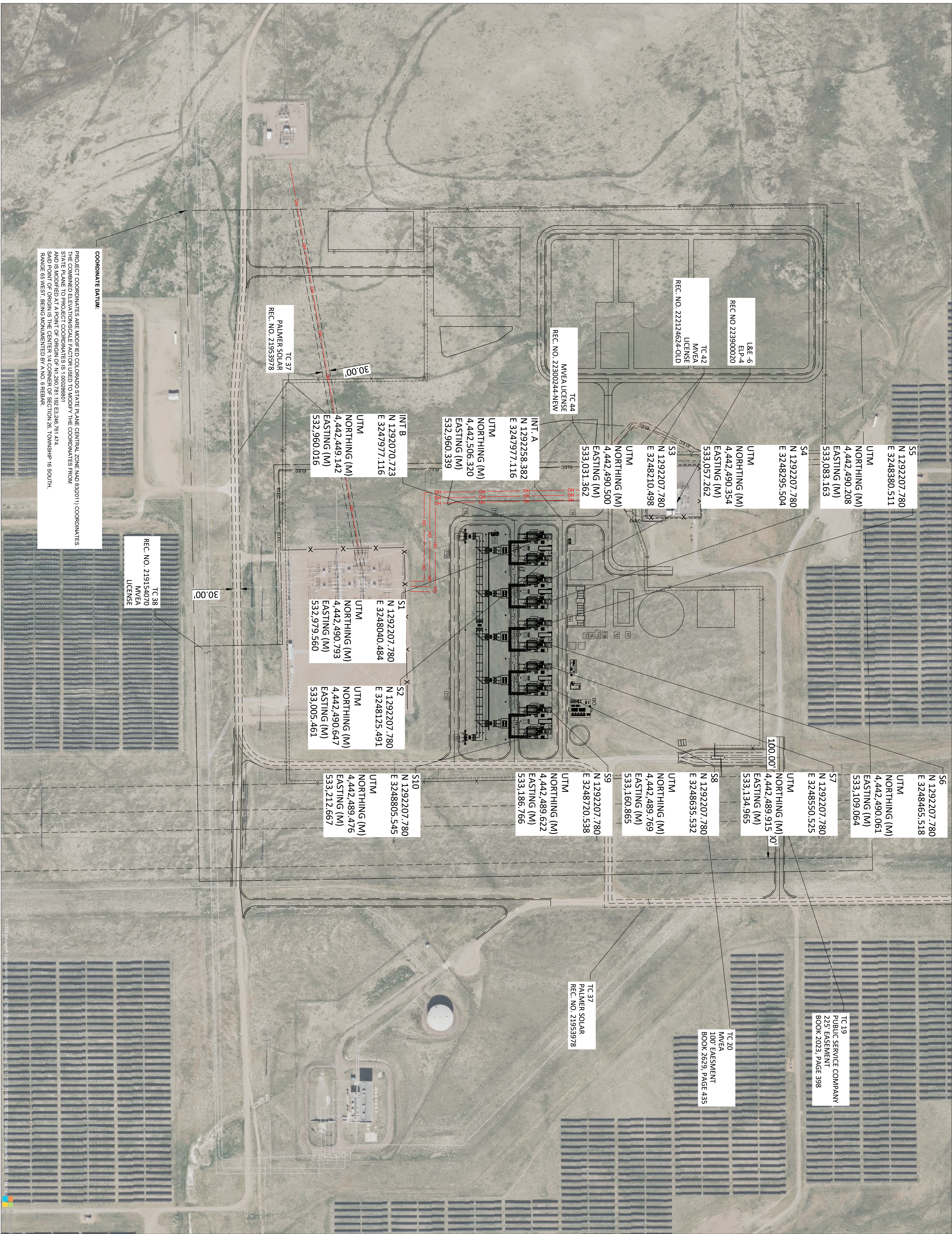
CONCEPTUAL EXHIBIT				
OPEN			J. ROWLAND	09-22-26
REV	R. GROTZANS		CHECKED BY	DATE
	DESIGN BY			
COLORADO SPRINGS UTILITIES				
WILLIAMS CREEK GENERATING STATION				
 Colorado Springs Utilities <i>It's how we're all connected</i>				
 Kiewit				
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CIVIL TOPO EXHIBIT				
ENGINEER/DESIGN		DRAWING NUMBER		
ORIGINATOR				
LEAD ENG				
ENG MGR				
PROJ MGR				
R. GROTZANS		EXH-CIV-TOP-001		
J. ROWLAND				
D. DUBOSE				
T. ROARK				



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CONCEPTUAL EXHIBIT			
OPEN	R. GROTTANS	J. ROWLAND	09/22/26
REV	DISION BY	CHECKED BY	DATE
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CIVIL LAYDOWN EXHIBIT			
ENGINEER/DESIGN ORIGINATOR R. GROTTANS LEAD ENG J. ROWLAND ENG MGR D. DUBOSE TRD MGR T. ROARK		DRAWING NUMBER EXH-CIV-LD-001	



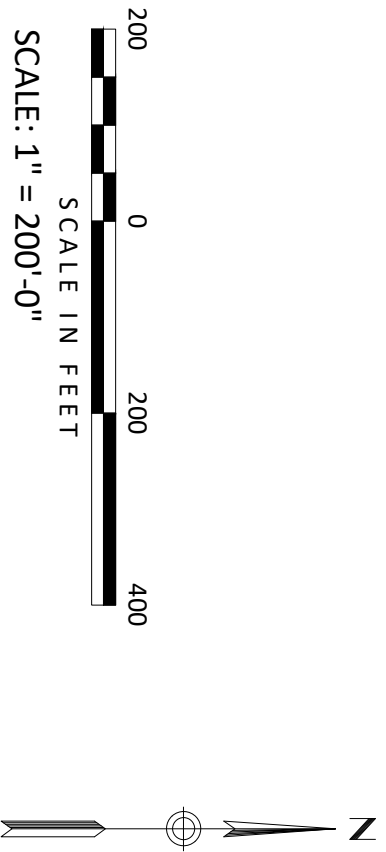
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THE POINT LOCATIONS:		UTILITY:
T1		PORTABLE WATER SUPPLY
T2		PLANT WASTEWATER
T3		WATER WASH / PACKAGE DRAIN WASTE
T4		NATURAL GAS
T5		HV ELECTRICAL CONNECTION
T6		CONSTRUCTION WATER
T7		CONSTRUCTION POWER
T8		STORMWATER
T9		ADMIN BUILDING CONTROL ROOM
T10		SWITCHYARD FIBER CONNECTION
T11		MARSHALLING CABINET IN COLLECTOR BUS ENCLOSURE
T12		GROUNDING CONNECTIONS TO UTILITY SUBSTATION
T13		CAMERA AND CARO READER CONDUIT

COORDINATE LIST*		
POINT	NORTHING	EASTING
S1	1292207.780	3248390.484
S2	129207.780	3248125.491
S3	129207.780	3248210.498
S4	1292207.780	3248295.504
S5	1292207.780	3248380.511
S6	1292207.780	3248465.518
S7	129207.780	3248350.525
S8	129207.780	3248353.532
S9	1292207.780	3248720.538
S10	1292207.780	3248805.545
Int. A	1292258.382	3247977.116
Int. B	129070.723	3247977.116

*Coordinates provided are in State Plane - Ground as Indicated



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OPEN	CONCEPTUAL EXHIBIT		
REV	R. GROTTANS	J. ROWLAND	09-22-26
	DESIGN BY	CHECKED BY	DATE
COLORADO SPRINGS UTILITIES			
WILLIAMS CREEK GENERATING STATION			
 Colorado Springs Utilities It's how we're all connected			
 Kiewit Kiewit Confidential & Proprietary Information. All Rights Reserved.			
SITE COORDINATES EXHIBIT			
ENGINEER/DESIGN ORIGINATOR LEAD ENG ENG MGR PROJ MGR		DRAWING NUMBER R. GROTTANS J. ROWLAND D. DUBOSE T. ROARK EXH-CIV-COORD-001	

COMMON CIVIL NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT AND THE FOLLOWING KIEWIT SPECIFICATIONS:
A. 93.51.06 EARTHWORK
B. 93.53.08 HOT-MIX ASPHALT PAVING
C. 93.52.08 STORM DRAINAGE
D. 95.55.12 CHAIN-LINK FENCING
2. DO NOT SCALE THESE DRAWINGS. FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, QUANTITIES, AND CONDITIONS.
3. MEASURE AND ASSESS ALL EXISTING CONDITIONS. AND FIELD VERIFY ALL TIE-INS TO EXISTING FEATURES. PRIOR TO BEGINNING ANY CONSTRUCTION, ANY DISCREPANCIES BETWEEN ITEMS SHOWN ON THE DRAWINGS AND THOSE EXISTING SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE AWARE THAT THESE CONDITIONS MAY EXIST AND TO ALLOW FOR THEM IN THE CONSTRUCTION PROCESS.
4. PROPRIETARY NAMES USED TO DESIGNATE MATERIALS ARE NOT INTENDED TO EXCLUDE EQUAL (AS DETERMINED BY THE ENGINEER) PRODUCTS OF OTHER MANUFACTURERS.
5. CLEAN UP AND DISPOSE OF DEBRIS AT THE END OF EACH WORK DAY. CLEAN THE WORK AREA, REMOVE ALL TRASH AND DEBRIS, AND STACK BUILDING MATERIALS IN A NEAT MANNER UPON COMPLETION OF THE WORK. ENSURE THAT ALL DIRT, TRASH, AND DEBRIS RESULTING FROM THE CONSTRUCTION OPERATIONS ARE REMOVED FROM THE SITE. DISPOSE OF ALL DEBRIS IN ACCORDANCE WITH APPLICABLE REGULATIONS.
6. COORDINATE ALL DELIVERIES AND STORAGE OF MATERIALS WITH THE FIELD REPRESENTATIVE.
7. PROVIDE CONSTRUCTION BARRICADES, GATES, AND SAFETY FENCING AS REQUIRED DURING CONSTRUCTION OPERATIONS.
8. THERE ARE NO KNOWN CULTURAL RESOURCES AT THE PROJECT SITE.
9. THE CONTRACTOR SHALL RECEIVE PRIOR APPROVAL FROM THE APPROPRIATE LOCAL HIGHWAY OFFICIALS FOR ANY PUBLIC STREET CLOSURE REQUIRED BY CONSTRUCTION OF THE PROJECT.
10. HAUL ROUTES SHALL BE AS DIRECTED BY THE FIELD REPRESENTATIVE.
11. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS FROM STRUCTURES SHALL BE MEASURED OFF THE FACE OF FOUNDATION. DIMENSIONS OF CURBS SHALL BE MEASURED FROM THE BACK OF CURB.
12. EXISTING UTILITY LOCATIONS SHOWN ARE BASED ON BEST AVAILABLE INFORMATION AND MAY NOT EXACTLY REFLECT FIELD CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION OPERATIONS AND DOCUMENTING ACTUAL CONDITIONS ON THE PROJECT AS-BUILT RECORD DRAWINGS. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING UTILITIES THAT ARE DAMAGED DURING CONSTRUCTION.

EROSION AND SEDIMENT CONTROL NOTES

1. ALL EROSION CONTROL MEASURES AND ACTIVITIES SHALL BE IN ACCORDANCE WITH THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND THE PROJECT EROSION CONTROL PLANS (20070510-CE-SERIES DRAWINGS).
2. ALL CULVERTS AND DRAINAGE STRUCTURES WITHIN THE WORK LIMITS SHALL BE PROTECTED FROM SEDIMENT ACCUMULATION FOR THE DURATION OF CONSTRUCTION ACTIVITIES.
3. ALL SEDIMENT THAT IS SPILLED, DROPPED, WASHED, OR TRACKED ON TO EXISTING ROADWAYS ADJACENT TO THE WORK AREA SHALL BE REMOVED BY THE CONTRACTOR IMMEDIATELY.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORM WATER OUTFALLS OR OFFSITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.
5. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT POLLUTION CONTROLS MUST BE REMOVED. AREAS DISTURBED DURING THE REMOVAL OF THE CONTROLS MUST BE STABILIZED IMMEDIATELY.

GRADING AND DRAINAGE NOTES

1. TEMPORARY EXCAVATIONS SHALL BE EXCAVATED NO STEEPER THAN 1.5:1. TEMPORARY SLOPES CAN BE REVISED IN THE FIELD BASED ON A SITE EVALUATION OF SOILS BY A COMPETENT PERSON IN ACCORDANCE WITH OSHA GUIDELINES. UNLESS INDICATED, PERMANENT CUT & FILL SLOPES SHALL BE NO STEEPER THAN 3:1.
2. DUST SHALL BE CONTROLLED IN ACCORDANCE WITH THE PROJECT SWPPP.
3. NO FILL SOILS SHALL BE PLACED DURING UNFAVORABLE WEATHER CONDITIONS. WHEN WORK IS INTERRUPTED BY RAIN, GRADING OPERATIONS SHALL NOT RESUME UNTIL FIELD TESTS INDICATE THAT THE MOISTURE CONTENT AND DENSITY OF THE FILL ARE AS SPECIFIED.
4. ANY ELECTRONIC FILES OF GRADING MODELS OR OTHER DATA FURNISHED TO THE CONTRACTOR DURING THE WORK WILL BE FOR REFERENCE PURPOSES ONLY. IN THE EVENT OF A DISCREPANCY BETWEEN THE ELECTRONIC FILE AND THE DRAWINGS, CONTACT THE ENGINEER FOR RESOLUTION.
5. ALL AREAS OF THE SITE SHALL BE GRADED TO DRAIN. UNIFORMLY SLOPE THE FINISHED SURFACE BETWEEN ELEVATIONS INDICATED ON THE DRAWINGS. ANY AREA THAT IS NOT PROVIDED WITH SPECIFIC GRADING REQUIREMENTS SHALL BE WARPED AND SLOPED AS NECESSARY TO PROVIDE POSITIVE DRAINAGE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EXISTING STORM DRAINAGE NETWORK OR INSTALLING AN ADEQUATE TEMPORARY SYSTEM UNTIL THE NEW FACILITY HAS BEEN CONSTRUCTED.

SURVEY NOTES

1. TOPOGRAPHIC INFORMATION IN THE WORK AREA IS BASED ON A FIELD SURVEY PERFORMED BY XXXXX IN XXXX 2026. TOPOGRAPHIC INFORMATION SHOWN BEYOND THE LIMITS OF THE PROJECT IS BASED ON SURVEY INFORMATION PROVIDED BY OTHERS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO USING ANY SURVEY INFORMATION AND SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES OR DIFFERING SITE CONDITIONS ARE ENCOUNTERED.
2. PROTECT HORIZONTAL AND VERTICAL CONTROL POINTS FROM BEING DISTURBED DURING CONSTRUCTION ACTIVITIES. IF DISTURBANCE IS NECESSARY, TRANSFER AND RE-ESTABLISH EXISTING CONTROL POINTS BEFORE BEGINNING CONSTRUCTION AT THAT CONTROL POINT LOCATION.
3. ALL DIMENSIONS AND COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
4. COORDINATES SHOWN ON PLANS ARE LISTED IN THE CHOSEN PLANT COORDINATE SYSTEM UNLESS OTHERWISE NOTED.
5. PROPERTY BOUNDARIES SHOWN WERE PROVIDED BY OTHERS. LOCATION AND REFERENCES PROVIDED. ONLY FOUND MONUMENTS WERE USED AS REFERENCE FOR LOCATION.

ABBREVIATIONS

APPROX	APPROXIMATELY
BOC	BACK OF CURB
BOT	BOTTOM
BW	BOTTOM OF WALL
CB	CATCH BASIN
CL	CENTERLINE
CLP	CENTRAL ANGLE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CP	CONTROL POINT
DIA	DIAMETER
DWG	DRAWING
E	EASTING
EL	ELEVATION
EXIST	EXISTING
EXP	EXPANSION
FES	FLARED END SECTION
FF	FINISHED FLOOR
FG	FINISH GRADE
FL	FLOW LINE
GA	GAGE
GALV	GALVANIZED
GB	GRADE BREAK
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
INV	INVERT
IT	JOINT
K	VERTICAL CURVE "K" VALUE
L	LENGTH
LF	LINEAR FEET
LP	LOW POINT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MTL	METAL
N	NORTHING
NO	NUMBER
OC	ON CENTER
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PL	POINT OF INTERSECTION
PL	PROPERTY LINE
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL INTERSECTION
PVI	POINT OF VERTICAL TANGENCY
PVT	RADIUS
R	REINFORCED CONCRETE PIPE
REP	REFER
RE:	REFER RIGHT OF WAY
ROW	RIGHT OF WAY
SHT	SHEET
SHM	SIMILAR
SIM	STANDARD
STA	STATION
STD	STEAM TURBINE GENERATOR
STG	TANGENT, TOP
T	TOP OF CURB
TC	TOP OF CONCRETE
TOC	TOP OF GRATE
TOG	TOP OF PAVEMENT
TP	TOP OF WALL
TV	TYPICAL
TTP	UNLESS NOTED OTHERWISE
UNO	VERTICAL
VERT	WATER VALVE
WV	WELDED WIRE FABRIC
WWF	

SITE DEVELOPMENT LEGEND

	1260	PROPOSED MAJOR CONTOUR
	1261	PROPOSED MINOR CONTOUR
	R	PROPERTY LINE
	R	LIMITS OF DISTURBANCE
	L00	LIMITS OF GRADING
	L00	DRAINAGE PATH
		CENTERLINE
		EDGE OF ROADWAY
		EDGE OF SHOULDER
		CHAIN LINK FENCE
		PROPOSED STORM SEWER
	SF	SILT FENCE
	SF	ROCK CHECK DAM
		INLET PROTECTION
		CONCRETE WASHOUT
		ASPHALT PAVEMENT
		CONCRETE PAVEMENT
		CRUSHED AGGREGATE SURFACING
		CRUSHED AGGREGATE SURFACING SHOULDERS
		EROSION CONTROL BLANKET
		RIPRAP
		PERMANENT SEEDING

LEGEND - EXISTING CONDITIONS

	625	EXISTING MAJOR CONTOUR
	624	EXISTING MINOR CONTOUR
		CHAIN LINK FENCE
	OHF	OVERHEAD ELECTRIC
	V	BUSH OR TREE LINE
	W	WATER LINE
	E	UNDERGROUND ELECTRIC
	UOT	UNDERGROUND TELEPHONE
		LIGHT POLE
		CONDUIT OR PIPE RISER
		POWER POLE
		GUY WIRE
		UNKNOWN MANHOLE
		ELECTRIC MANHOLE
		FIRE HYDRANT
		UNKNOWN PEDESTAL
		SURVEY CONTROL POINT
		SURVEY CONTROL POINT WITH BOLLARDS
		TRANSFORMER
		BUSH
		CONIFEROUS TREE
		UTILITY HAND HOLE
		WATER VALVE
		POST
		GATE
		DECIDUOUS TREE
		BENCHMARK
		MONITORING WELLS
		CORRUGATED PLASTIC PIPE

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A	ISSUED FOR PERMIT	R. GROTZANS	J. ROWLAND	09-22-26
REV	DESIGN BY		CHECKED BY	DATE

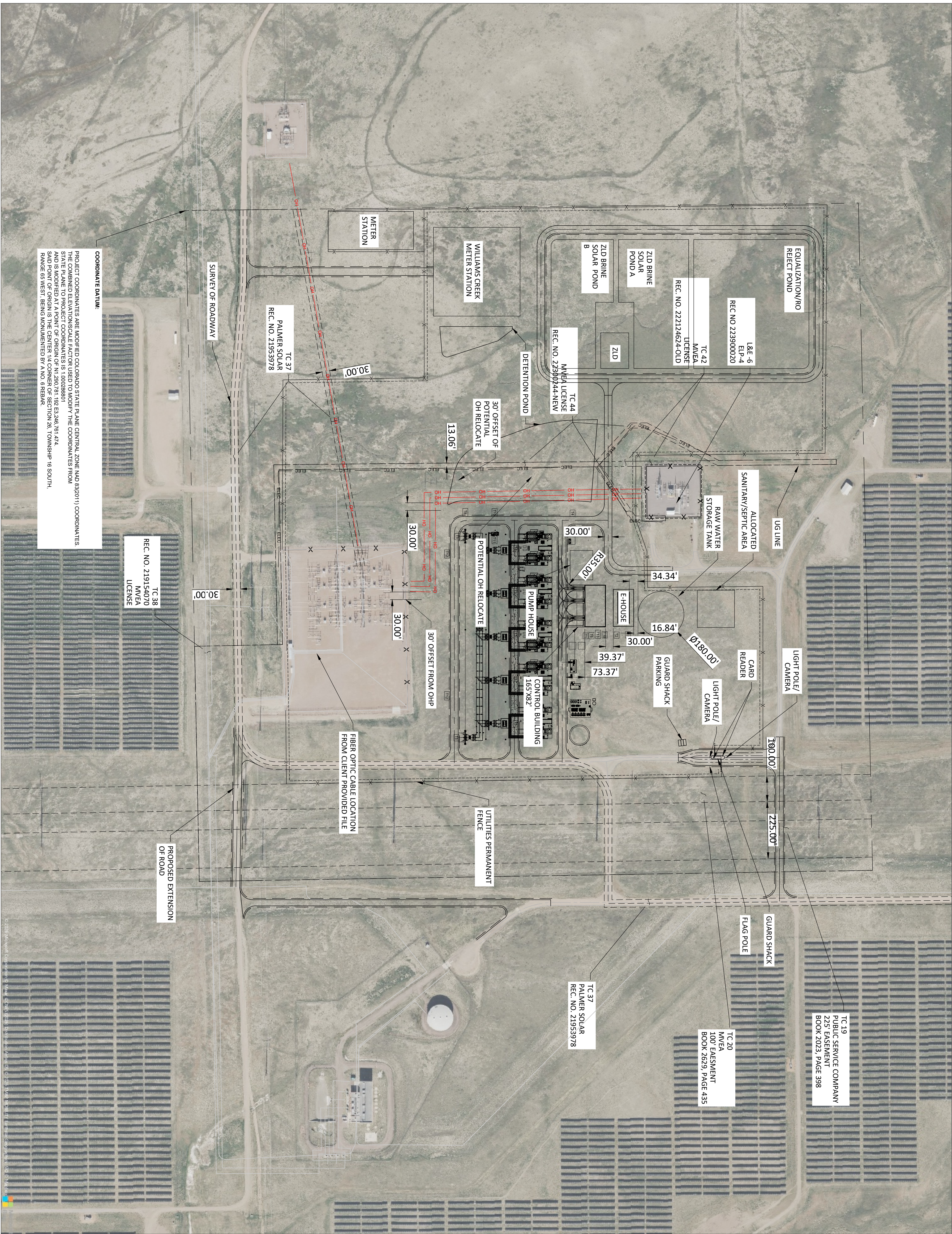
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WILLIAMS CREEK GENERATING STATION



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GENERAL NOTES

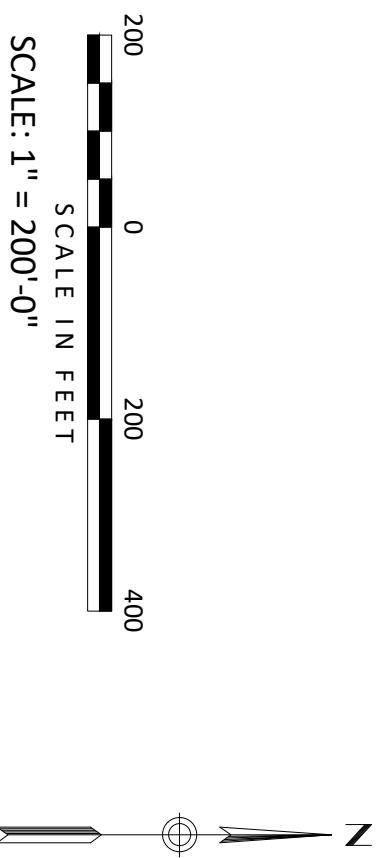
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LEAD ENG	J. ROWLAND	
ENG MGR	D. DUBOSE	EXH-CIV-GEN_NOTES-001
PROJ MGR	T. ROARK	



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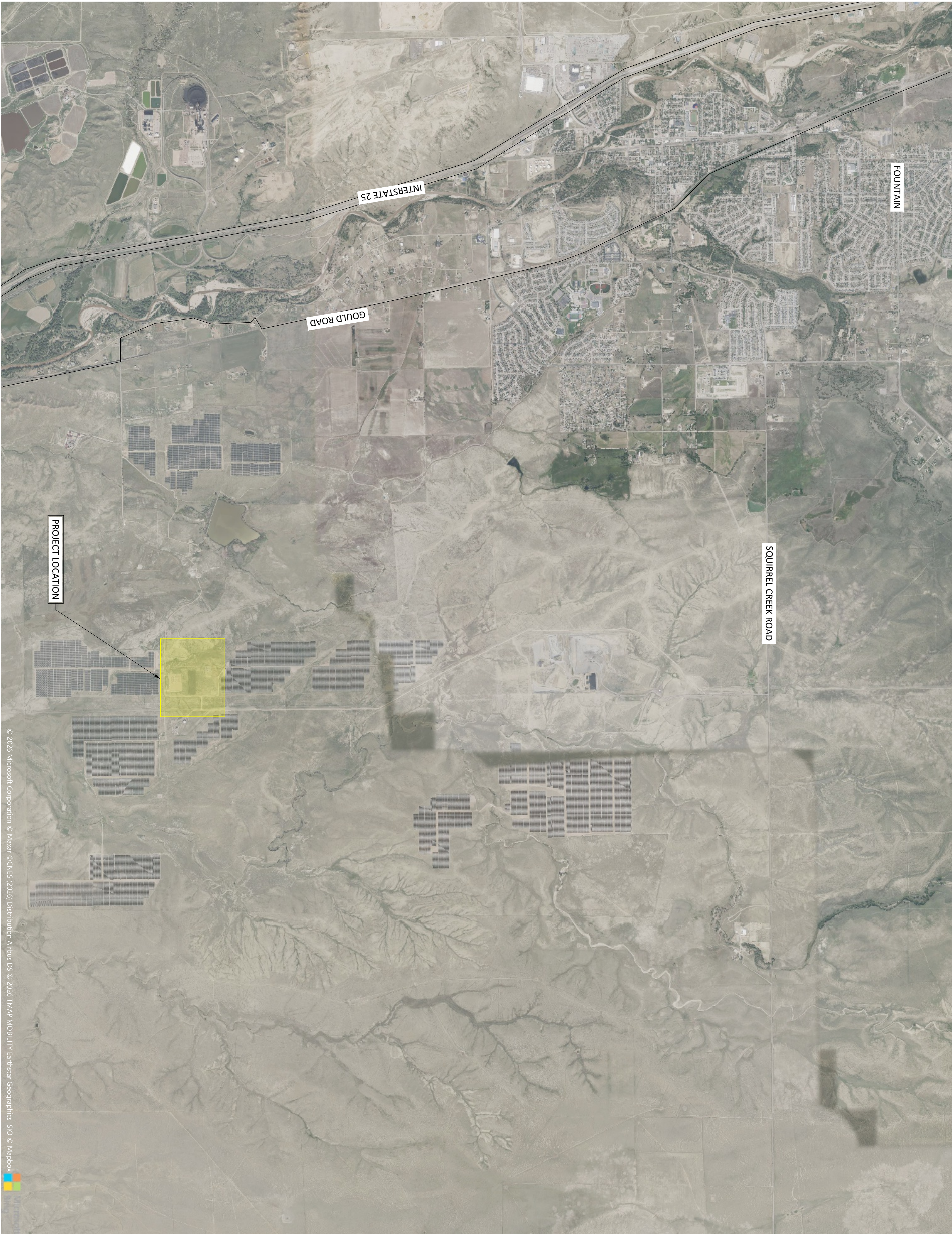
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WILLIAMS CREEK GENERATING STATION



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CIVIL SITE EXHIBIT

ENGINEER/DESIGN ORIGINATOR	R. GROTHANS
LEAD ENG	J. ROWLAND
ENG MGR	D. DUBOSE
PROJ MGR	T. ROARK
	DRAWING NUMBER



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VICINITY MAP		DRAWING NUMBER	
ENGINEER/DESIGN		EXH-CIV-VICINITY_MAP-001	
ORIGINATOR	R. GROTZANS		
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PROJ MGR	T. ROARK		