

# PIKE SOLAR

## GRADING, EROSION & SEDIMENT CONTROL PLANS

A PORTION OF SECTION 7, 18, 19, 30, 31 TOWNSHIP 16 SOUTH, RANGE 64 WEST, AND A PORTION OF SECTION 11, 12, 13, 14, 23, 24, 25, 26, 35, & 36 TOWNSHIP 16 SOUTH, RANGE 65 WEST, 6TH P.M.  
EL PASO COUNTY, COLORADO.

PCD-ENGINEERING REVIEW COMMENTS  
IN BLUE BOXES WITH BLUE TEXT

EPC STORMWATER REVIEW COMMENTS ARE  
SHOWN IN ORANGE BOXES WITH BLACK TEXT

CORE responses in red text

### LEGAL DESCRIPTION

TRACT 1:

THE FOLLOWING DESCRIBED LANDS LOCATED IN TOWNSHIP 16 SOUTH, RANGE 64 WEST OF THE 6TH P.M., EL PASO COUNTY, COLORADO:

SECTION 19: THE SE¼ NW¼; LOTS 3 AND 4 (W¼ SW¼) AND THE E¼ SW¼  
SECTION 30: LOTS 1, 2, 3 AND 4 (W¼ NW¼ AND W¼ SW¼); E¼ NW¼ AND THE E¼ SW¼  
SECTION 31: LOTS 1 AND 2 (W¼ NW¼) AND THE E¼ NW¼

THE FOLLOWING DESCRIBED LANDS LOCATED IN TOWNSHIP 16 SOUTH, RANGE 65 WEST OF THE 6TH P.M., EL PASO COUNTY, COLORADO:

SECTION 13: ALL EXCEPT THE NW¼ NE¼  
SECTION 14: E¼  
SECTION 23: E¼  
SECTION 24: ALL  
SECTION 25: ALL  
SECTION 26: NE¼  
SECTION 36: N¼

PARCEL ID: 56000-00-123

TRACT 2:

ALL THE REAL PROPERTY, TOGETHER WITH IMPROVEMENTS, IF ANY, SITUATE, LYING AND BEING IN THE COUNTY OF EL PASO AND STATE OF COLORADO, DESCRIBED AS FOLLOWS:

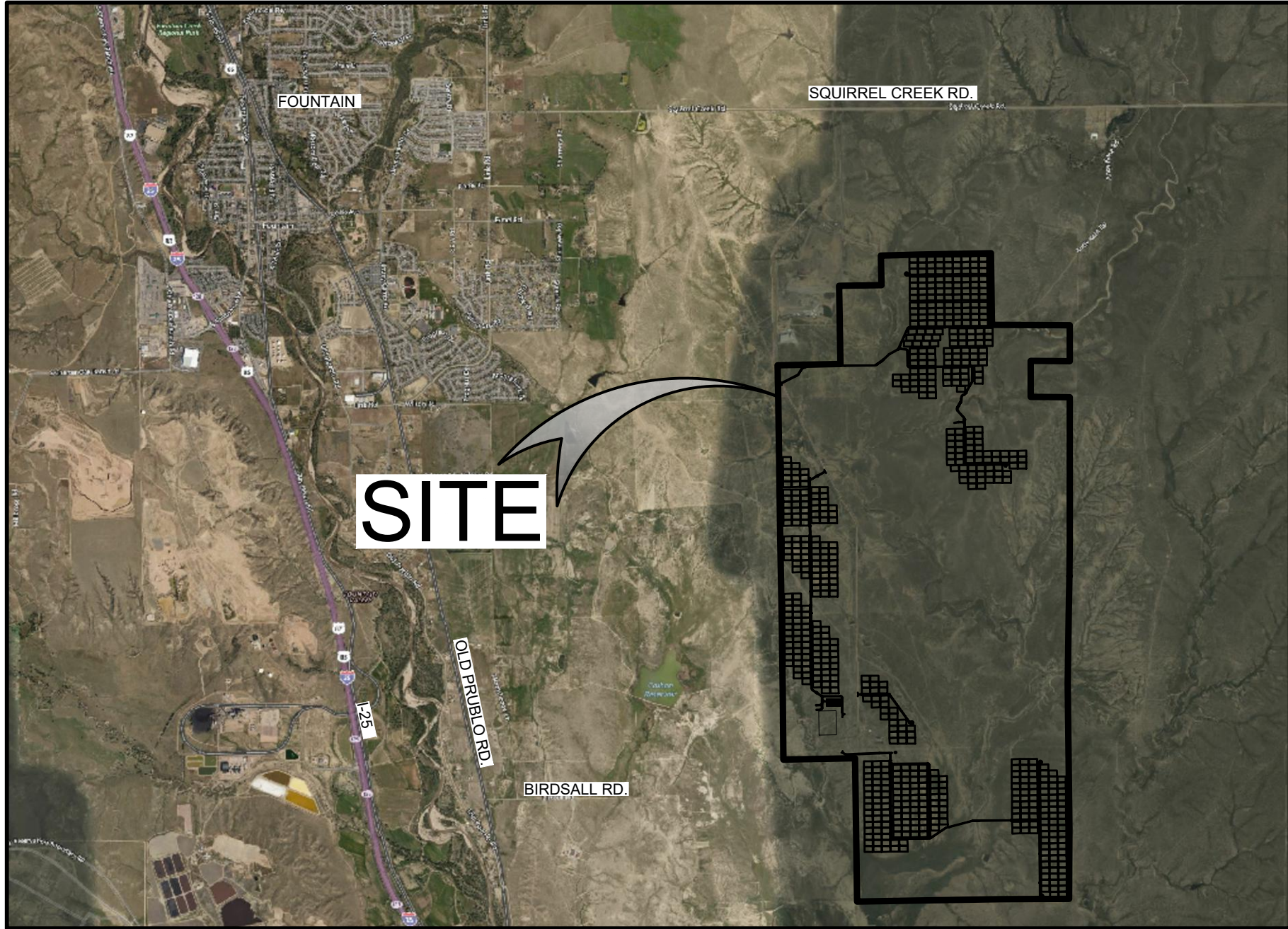
PORTIONS OF SECTIONS 11, 12 AND 13, TOWNSHIP 16 SOUTH, RANGE 65 WEST AND PORTIONS OF SECTIONS 7, 18 AND 19, TOWNSHIP 16 SOUTH, RANGE 64 WEST OF THE SIXTH PRINCIPAL MERIDIAN, EL PASO COUNTY, COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

ALL OF SAID SECTION 12;  
THE EAST HALF OF SAID SECTION 11;  
THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 13;  
THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER AND GOVERNMENT LOTS 3 AND 4 OF SAID SECTION 7;  
THE EAST HALF OF THE WEST HALF AND GOVERNMENT LOTS 1, 2, 3 AND 4 OF SAID SECTION 18;  
GOVERNMENT LOTS 1 AND 2 AND THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 19;

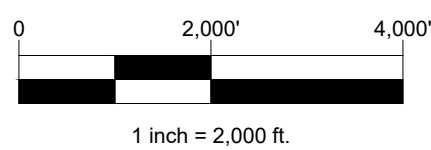
EXCEPTING FROM SAID SECTIONS 11 AND 12 THOSE PORTIONS DESCRIBED IN BOOK 5734 AT PAGE 253.

SAID TRACTS ARE FURTHER DESCRIBED ON THE LAND SURVEY PLAT NO. 97902142 OF THE RECORDS OF EL PASO COUNTY, COLORADO AND CONTAIN APPROXIMATELY 1341.96 ACRES, MORE OR LESS.

PARCEL ID: 56000-00-140



### VICINITY MAP



### DESIGN ENGINEER'S STATEMENT:

THIS GRADING AND EROSION CONTROL PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. SAID PLAN HAS BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR GRADING AND EROSION CONTROL PLANS. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARING THIS PLAN.

ROBERT D HANSEN, PE 50417, CFM 02/04/2022

### OWNER/DEVELOPER'S STATEMENT:

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN.

BRIAN VICKERS 02/04/2022

JUWI, INC  
1710 29TH ST, SUITE 1068  
BOULDER, CO 80301

### EL PASO COUNTY:

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL AS AMENDED.

IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTORS DISCRETION.

JENNIFER IRVINE, P.E. DATE  
COUNTY ENGINEER / ECM ADMINISTRATOR

### GEC NOTES

- STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF-SITE WATERS, INCLUDING WETLANDS.
- NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.
- A SEPARATE STORMWATER MANAGEMENT PLAN (SMWP) FOR THIS PROJECT SHALL BE COMPLETED AND AN EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP) ISSUED PRIOR TO COMMENCING CONSTRUCTION. MANAGEMENT OF THE SWMP DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE DESIGNATED QUALIFIED STORMWATER MANAGER OR CERTIFIED EROSION CONTROL INSPECTOR. THE SWMP SHALL BE LOCATED ON-SITE AT ALL TIMES DURING CONSTRUCTION AND SHALL BE KEPT UP TO DATE WITH WORK PROGRESS AND CHANGES IN THE FIELD.
- ONCE THE ESQCP IS APPROVED AND A "NOTICE TO PROCEED" HAS BEEN ISSUED, THE CONTRACTOR MAY INSTALL THE INITIAL STAGE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THE APPROVED GEC. A PRECONSTRUCTION MEETING BETWEEN THE CONTRACTOR, ENGINEER, AND EL PASO COUNTY WILL BE HELD PRIOR TO ANY CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE APPLICANT TO COORDINATE THE MEETING TIME AND PLACE WITH COUNTY STAFF.
- CONTROL MEASURES MUST BE INSTALLED PRIOR TO COMMENCEMENT OF ACTIVITIES THAT COULD CONTRIBUTE POLLUTANTS TO STORMWATER. CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, AND DISTURBED LAND AREAS SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF THE DISTURBANCE.
- ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REMAIN IN EFFECTIVE OPERATING CONDITION UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND FINAL STABILIZATION IS ESTABLISHED. ALL PERSONS ENGAGED IN LAND DISTURBANCE ACTIVITIES SHALL ASSESS THE ADEQUACY OF CONTROL MEASURES AT THE SITE AND IDENTIFY IF CHANGES TO THOSE CONTROL MEASURES ARE NEEDED TO ENSURE THE CONTINUED EFFECTIVE PERFORMANCE OF THE CONTROL MEASURES. ALL CHANGES TO TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES MUST BE INCORPORATED INTO THE STORMWATER MANAGEMENT PLAN.
- TEMPORARY STABILIZATION SHALL BE IMPLEMENTED ON DISTURBED AREAS AND STOCKPILES WHERE GROUND DISTURBING CONSTRUCTION ACTIVITY HAS PERMANENTLY CEASED OR TEMPORARILY CEASED FOR LONGER THAN 14 DAYS.
- FINAL STABILIZATION MUST BE IMPLEMENTED AT ALL APPLICABLE CONSTRUCTION SITES. FINAL STABILIZATION IS ACHIEVED WHEN ALL GROUND DISTURBING ACTIVITIES ARE COMPLETE AND ALL DISTURBED AREAS EITHER HAVE A UNIFORM VEGETATIVE COVER WITH INDIVIDUAL PLANT DENSITY OF 70 PERCENT OF PRE-DISTURBANCE LEVELS ESTABLISHED OR EQUIVALENT PERMANENT ALTERNATIVE STABILIZATION METHOD IS IMPLEMENTED. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REMOVED UPON FINAL STABILIZATION AND BEFORE PERMIT CLOSURE.
- ALL PERMANENT STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT EFFECT THE DESIGN OR FUNCTION OF PERMANENT STORMWATER MANAGEMENT STRUCTURES MUST BE APPROVED BY THE ECM ADMINISTRATOR PRIOR TO IMPLEMENTATION.
- EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY MINIMIZE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME. PRE-EXISTING VEGETATION SHALL BE PROTECTED AND MAINTAINED WITHIN 50 HORIZONTAL FEET OF A WATERS OF THE STATE UNLESS SHOWN TO BE INFEASIBLE AND SPECIFICALLY REQUESTED AND APPROVED.

- COMPACTION OF SOIL MUST BE PREVENTED IN AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES OR WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER. AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES SHALL ALSO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED. IF COMPACTION PREVENTION IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, ALL AREAS DESIGNATED FOR INFILTRATION AND VEGETATION CONTROL MEASURES MUST BE LOOSENEED PRIOR TO INSTALLATION OF THE CONTROL MEASURE(S).
- ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE A STABILIZED CONVEYANCE DESIGNED TO MINIMIZE EROSION AND THE DISCHARGE OF SEDIMENT OFF-SITE.
- CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO ENTER STATE WATERS, INCLUDING ANY SURFACE OR SUB SURFACE STORM DRAINAGE SYSTEM OR FACILITIES. CONCRETE WASHOUTS SHALL NOT BE LOCATED IN AN AREA WHERE SHALLOW GROUNDWATER MAY BE PRESENT, OR WITHIN 50 FEET OF A SURFACE WATER BODY, CREEK OR STREAM.
- DURING DEWATERING OPERATIONS, UNCONTAMINATED GROUNDWATER MAY BE DISCHARGED ON-SITE, BUT SHALL NOT LEAVE THE SITE IN THE FORM OF SURFACE RUNOFF UNLESS AN APPROVED STATE DEWATERING PERMIT IS IN PLACE.
- EROSION CONTROL BLANKETING OR OTHER PROTECTIVE COVERING SHALL BE USED ON SLOPES STEEPER THAN 3:1.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WASTES FROM THE CONSTRUCTION SITE FOR DISPOSAL IN ACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. NO CONSTRUCTION DEBRIS, TREE SLASH, BUILDING MATERIAL WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.
- WASTE MATERIALS SHALL NOT BE TEMPORARILY PLACED OR STORED IN THE STREET, ALLEY, OR OTHER PUBLIC WAY, UNLESS IN ACCORDANCE WITH AN APPROVED TRAFFIC CONTROL PLAN. CONTROL MEASURES MAY BE REQUIRED BY EL PASO COUNTY ENGINEERING IF DEEMED NECESSARY, BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES.
- TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFF-SITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.
- THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, SOIL, AND SAND THAT MAY ACCUMULATE IN ROADS, STORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEMS AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.
- THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY REQUIRED TO PERFORM THE WORK IN AN ORDERLY SEQUENCE. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER, IN THEIR ORIGINAL CONTAINERS, WITH ORIGINAL MANUFACTURER'S LABELS.
- NO CHEMICAL(S) HAVING THE POTENTIAL TO BE RELEASED IN STORMWATER ARE TO BE STORED OR USED ON-SITE UNLESS PERMISSION FOR THE USE OF SUCH CHEMICAL(S) IS GRANTED IN WRITING BY THE ECM ADMINISTRATOR. IN GRANTING APPROVAL FOR THE USE OF SUCH CHEMICAL(S), SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.
- BULK STORAGE OF ALLOWED PETROLEUM PRODUCTS OR OTHER ALLOWED LIQUID CHEMICALS IN EXCESS OF 55 GALLONS SHALL REQUIRE ADEQUATE SECONDARY CONTAINMENT PROTECTION TO CONTAIN ALL SPILLS ON-SITE AND TO PREVENT ANY SPILLED MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR OTHER FACILITIES.
- NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE CURB AND GUTTER OR DITCH EXCEPT WITH APPROVED SEDIMENT CONTROL MEASURES.
- OWNER/DEVELOPER AND THEIR AGENTS SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS), AND THE "CLEAN WATER ACT" (33 USC 1344), IN ADDITION TO THE REQUIREMENTS OF THE LAND

DEVELOPMENT CODE, DCM VOLUME II AND THE ECM APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (1041, NPDES, FLOODPLAIN, 404, FUGITIVE DUST, ETC.). IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND OTHER LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, STATE, LOCAL, OR COUNTY AGENCIES, THE MOST RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.

25. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION ACCESS POINTS.

26. PRIOR TO CONSTRUCTION THE PERMITTEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.

27. A WATER SOURCE SHALL BE AVAILABLE ON-SITE DURING EARTHWORK OPERATIONS AND SHALL BE UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.

28. THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY TERRACON, ON FEBRUARY 5, 2021 AND SHALL BE CONSIDERED PART OF THESE PLANS.

29. AT LEAST TEN (10) DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB ONE (1) ACRE OR MORE, THE OWNER OR OPERATOR OF CONSTRUCTION ACTIVITY SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER DISCHARGE TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY DIVISION. THE APPLICATION CONTAINS CERTIFICATION OF COMPLETION OF A STORMWATER MANAGEMENT PLAN (SWMP), OF WHICH THIS GRADING AND EROSION CONTROL PLAN MAY BE A PART. FOR INFORMATION OR APPLICATION MATERIALS CONTACT:

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
WATER QUALITY CONTROL DIVISION  
WOOD - PERMITS  
4300 CHERRY CREEK DRIVE SOUTH  
DENVER, CO 80246-1530  
ATTN: PERMITS UNIT

### OWNER

JUWI, INC  
1710 29TH ST., SUITE 1068  
BOULDER, CO 80301  
CONTACT: BRIAN VICKERS  
(702) 838-2302  
EMAIL: BVICKERS@JUWIAMERICAS.COM

### ENGINEER

CORE CONSULTANTS, INC.  
3473 S. BROADWAY  
ENGLEWOOD, CO 80113  
(303) 703-4444  
CONTACT: ROB HANSEN  
EMAIL: RHANSEN@LIVEYOURCORE.COM

### BENCHMARK

THE NORTH 1/16 CORNER FOR SECTIONS 8 & 9, TOWNSHIP 8 SOUTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN, BEING A REBAR WITH A 2-1/2" ALUMINUM CAP, STAMPED "PLS 28656"

PROJECT BENCHMARK ELEVATION = 6561.16 FEET

### BASIS OF BEARING

THE BEARINGS SHOWN HEREON ARE BASED UPON THE EAST LINE OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 8, TOWNSHIP 8 SOUTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN, FROM THE NORTH 1/16 CORNER OF SECTIONS 8 & 9, BEING MONUMENTED BY A REBAR WITH A 2-1/2" ALUMINUM CAP, STAMPED "PLS 28656" TO THE EAST 1/4 CORNER OF SAID SECTION 8, BEING MONUMENTED BY A REBAR WITH A 2-1/2" ALUMINUM CAP, STAMPED "PLS 28656," WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

### BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CHECK DAM	LF	802
CONCRETE WASHOUT AREAS	EA	3
DIVERSION DITCH	LF	1,334
ROCK SOCK	LF	96
SEDIMENT BASIN	EA	2
SEDIMENT CONTROL LOG	LF	416
SEDIMENT TRAP	EA	38
SEEDING AND MULCHING	AC	137
SILT FENCE	LF	53,581
TEMPORARY STREAM CROSSING	EA	3
VEHICLE TRACKING CONTROL	EA	7

Project number added  
Add project number  
here or in a title block

CORE CONSULTANTS, INC.  
3473 S. BROADWAY  
ENGLEWOOD, CO 80113  
303.703.4444  
LIVEYOURCORE.COM

CORE

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811

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	02/25/21	DB
2	BID SET	04/07/21	DB
3	2ND SUBMITTAL	10/20/21	KR
4	SIGNATURE SET	02/04/22	RH

PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
COVER SHEET

DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB

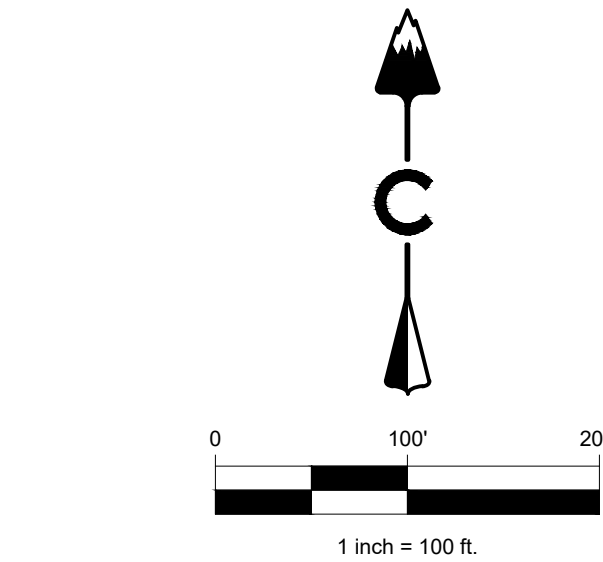
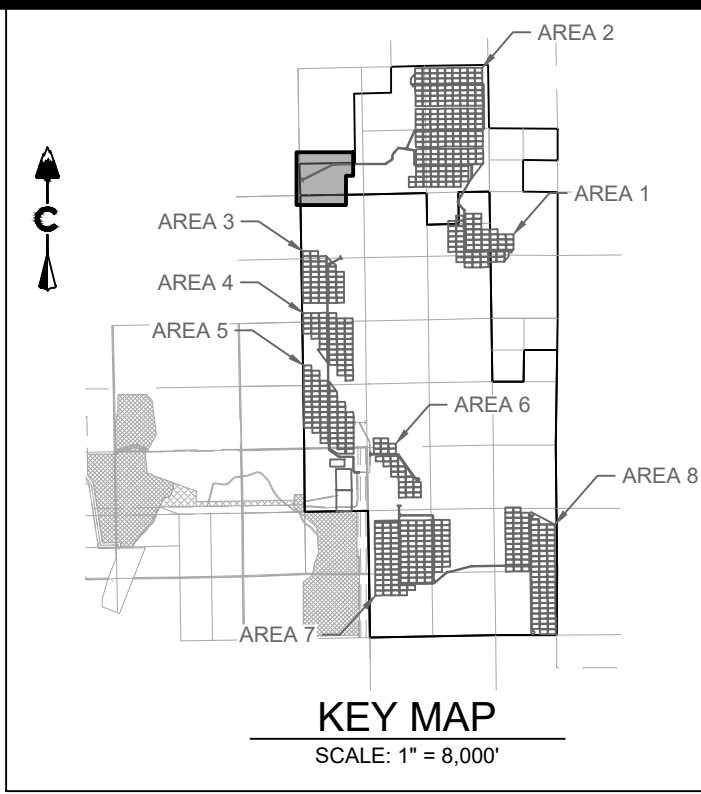
JOB NO.  
20-194  
SHEET  
1 OF 78





Label adjacent  
city/town/jurisdictional boundaries,  
subdivision names, and property  
parcel numbers

added where available.



LEGEND			
5280	PROPOSED MAJOR CONTOUR		
5279	PROPOSED MINOR CONTOUR		
5280	EXISTING MAJOR CONTOUR		
5279	EXISTING MINOR CONTOUR		
	PHASE BOUNDARY		
	RCd	REINFORCED CHECK DAM	
	CWA	CONCRETE WASHOUT AREA	
	DD	DIVERSION DITCH	
	IP	INLET PROTECTION	
	RC	ROCK SOCK	
	SB	SEDIMENT BASIN	
	SC	SEDIMENT CONTROL LOG	
	SM	SEEDING	
	SF	SILT FENCE	
	SSA	STABILIZED STAGING AREA	
	ST	SEDIMENT TRAP	
	TSC	TEMPORARY STREAM CROSSING	
	VTC	VEHICLE TRACKING CONTROL	

**NOTES:**

- SEE COVER SHEET FOR EL PASO COUNTY GEC STANDARD NOTES.
- SEE SHEETS 74-75 FOR EROSION CONTROL DETAILS.
- ALL SILT FENCE NOT RUNNING PARALLEL TO CONTOURS SHALL BE INSTALLED WITH J-HOOKS, SEE SHEET 75 FOR DETAIL.

Add a note about existing vegetation.

To comply with the SWMP requirements, please add a note stating that no batch plants will be utilized onsite.

Note added

CORE CONSULTANTS, INC.  
3473 S. BROADWAY  
DENVER, CO 80113  
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LAND DEVELOPMENT  
ENERGY  
PUBLIC INFRASTRUCTURE

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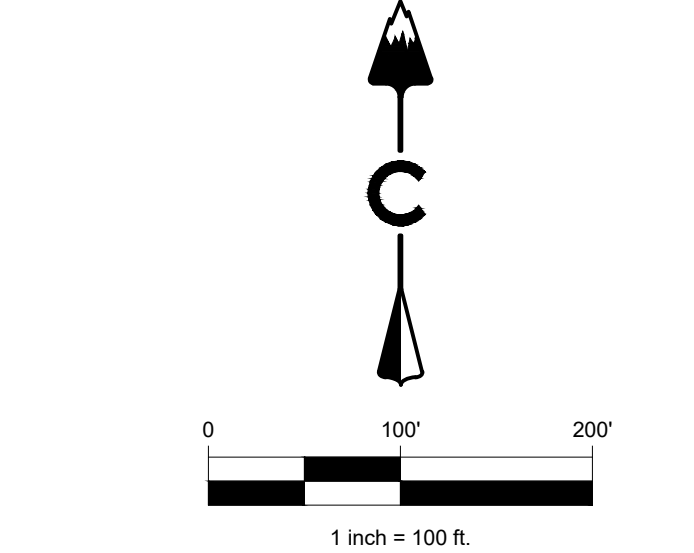
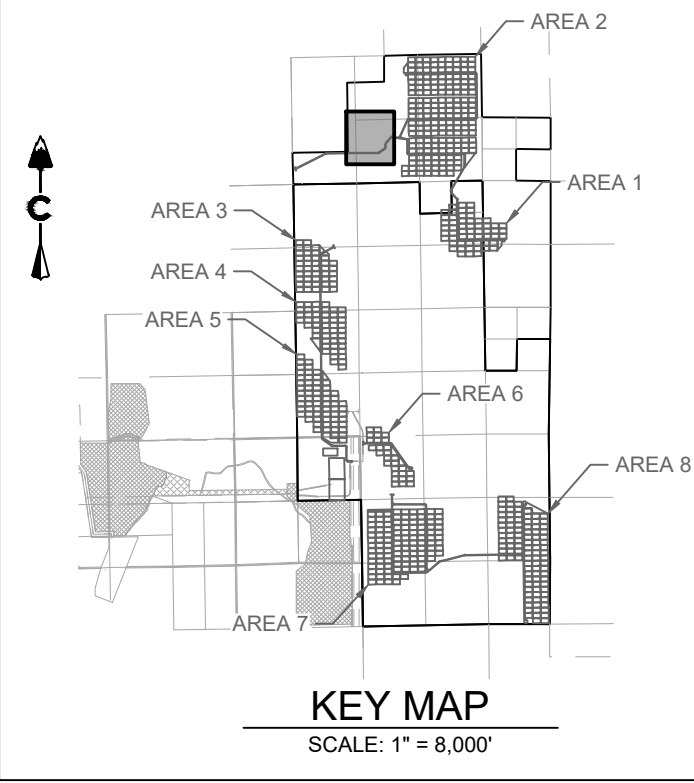
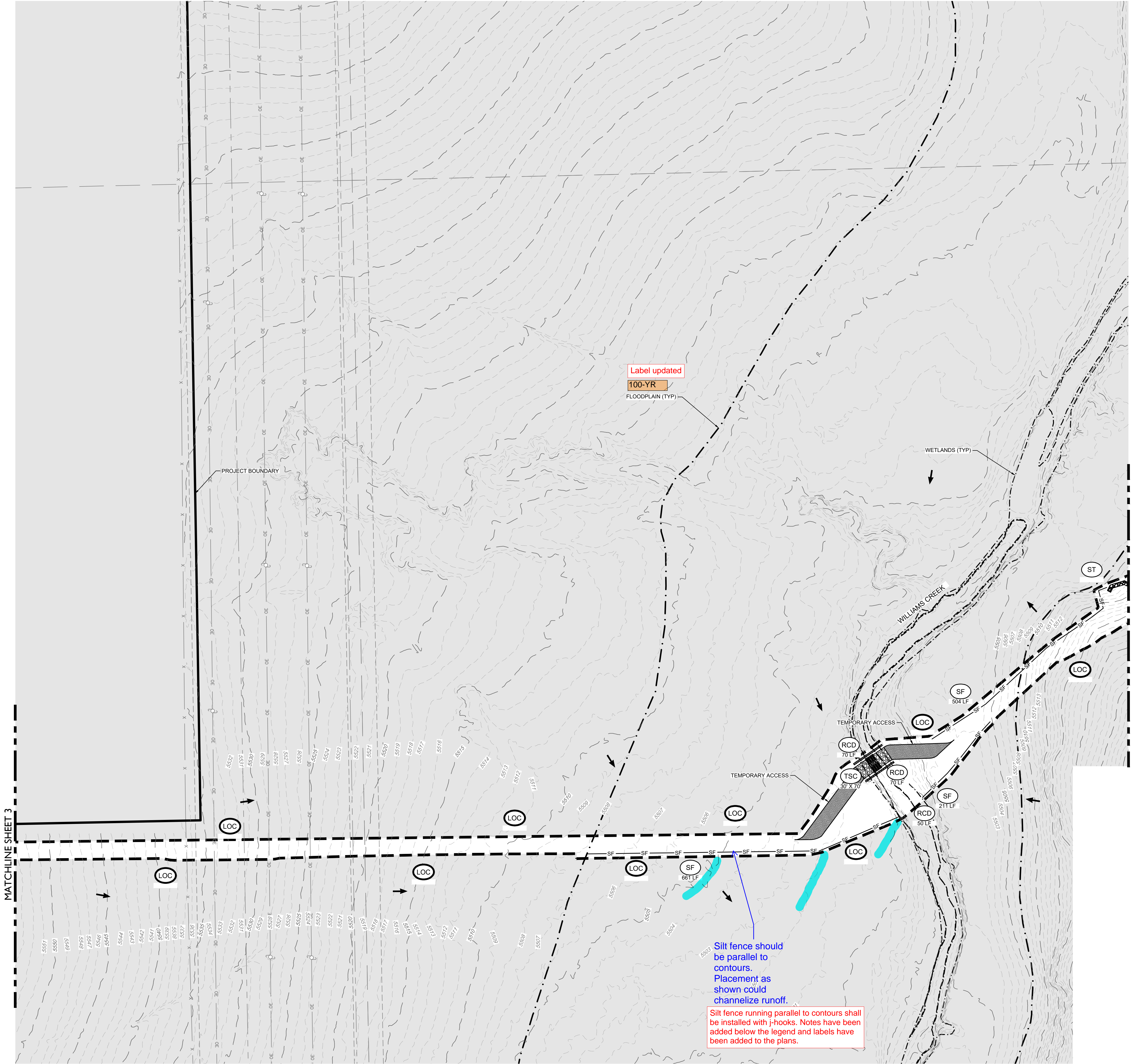
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2	BID SET	04/07/21	DB
3	2ND SUBMITTAL	10/20/21	RH
4	SIGNATURE SET	02/04/22	RH

**PIKE SOLAR**  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INITIAL (1 OF 24)

DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB

JOB NO.  
20-194  
SHEET  
3 OF 78





LEGEND	
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
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- NOTES:
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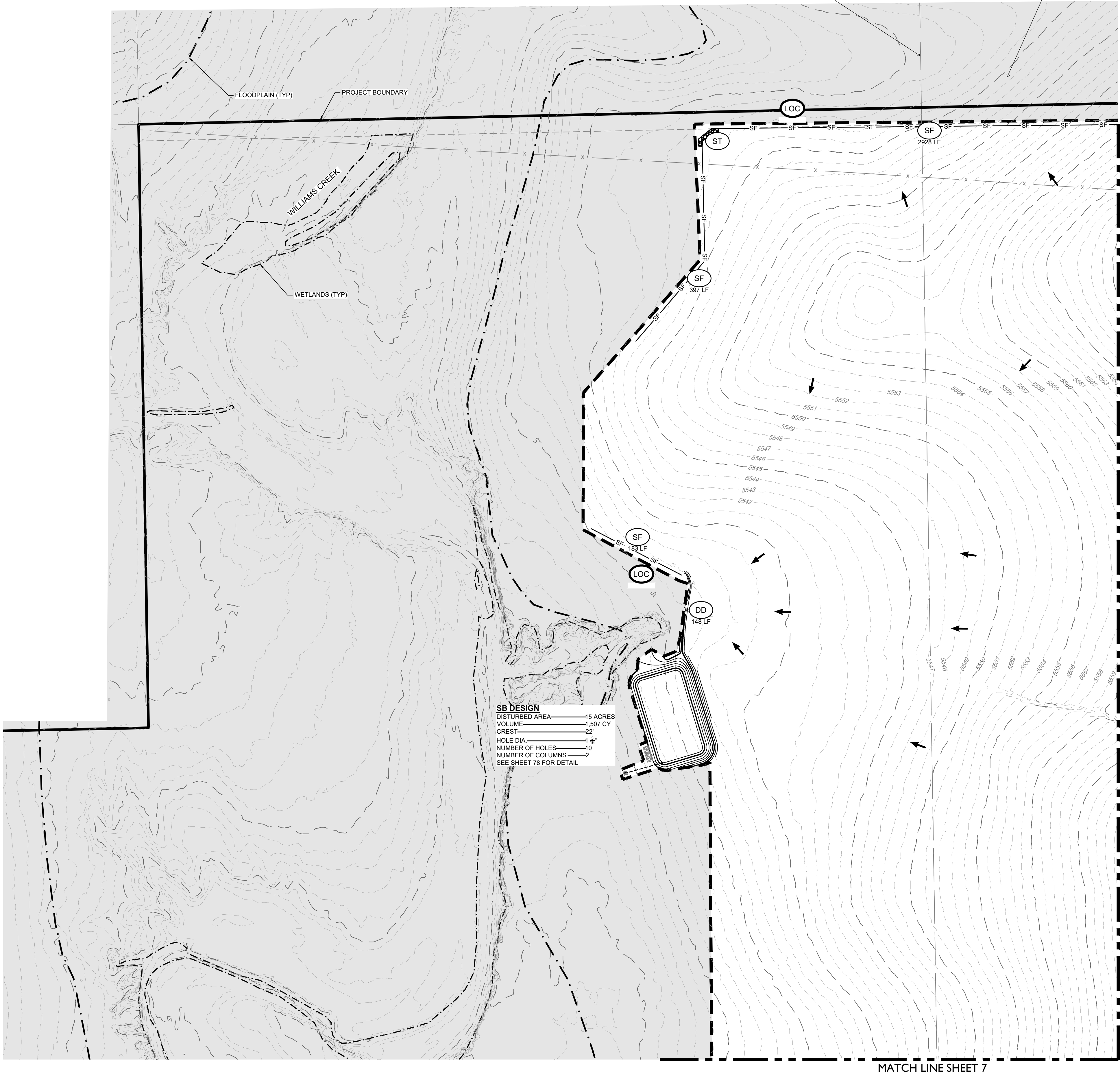
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PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INITIAL (2 OF 24)

DESIGNED BY: BB  
DRAWN BY: SD  
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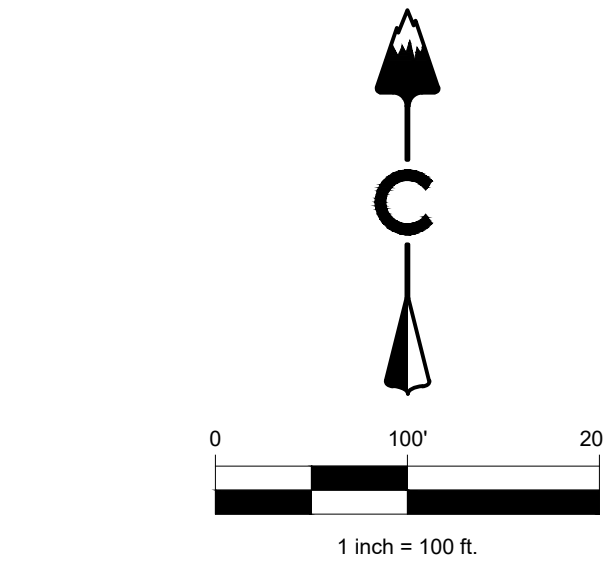
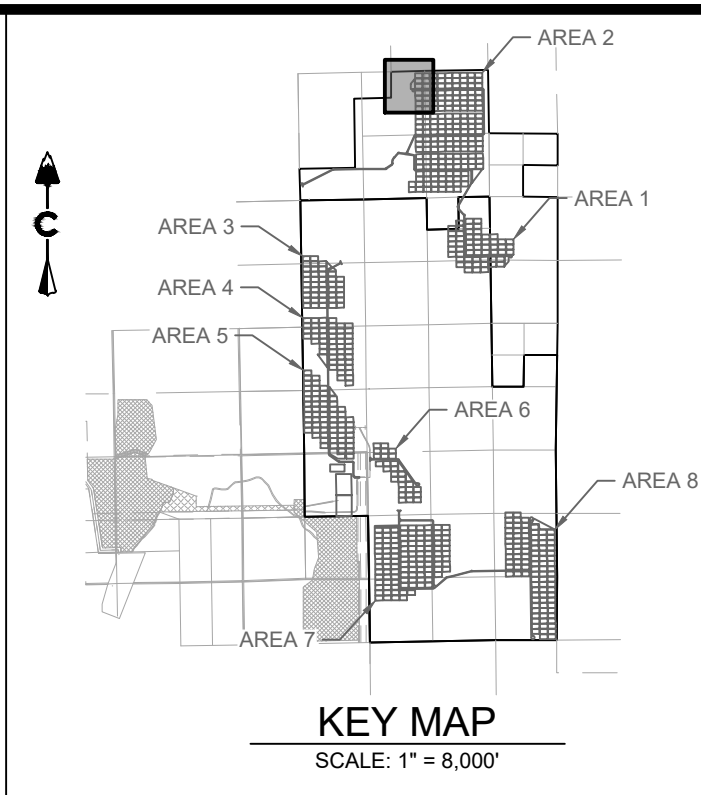


Define line type

Line type added to the legend

Adjacent property information labels added

Label adjacent city/town/jurisdictional boundaries, subdivision names, and property parcel numbers

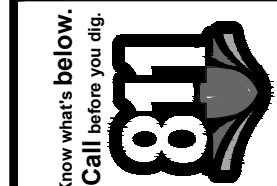


LEGEND

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	(RC) ROCK SOCK
	(SB) SEDIMENT BASIN
	(SCL) SEDIMENT CONTROL LOG
	(SM) SEEDING
	(SF) SILT FENCE
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NOTES:

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LAND DEVELOPMENT  
ENERGY  
PUBLIC INFRASTRUCTURE

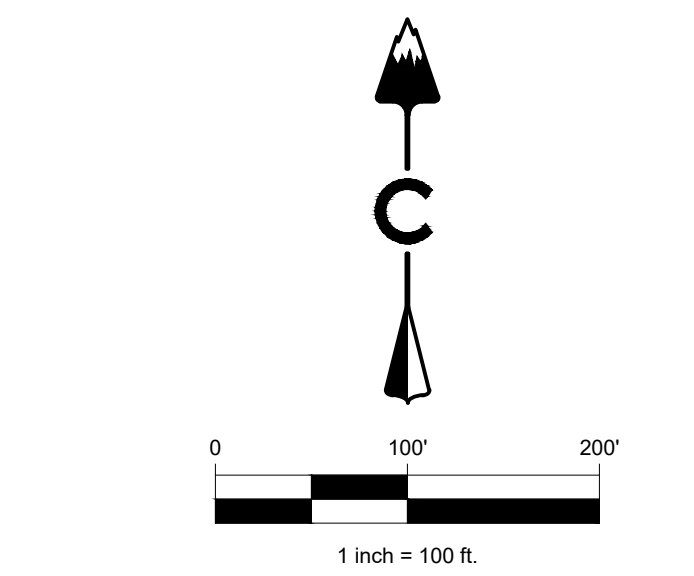
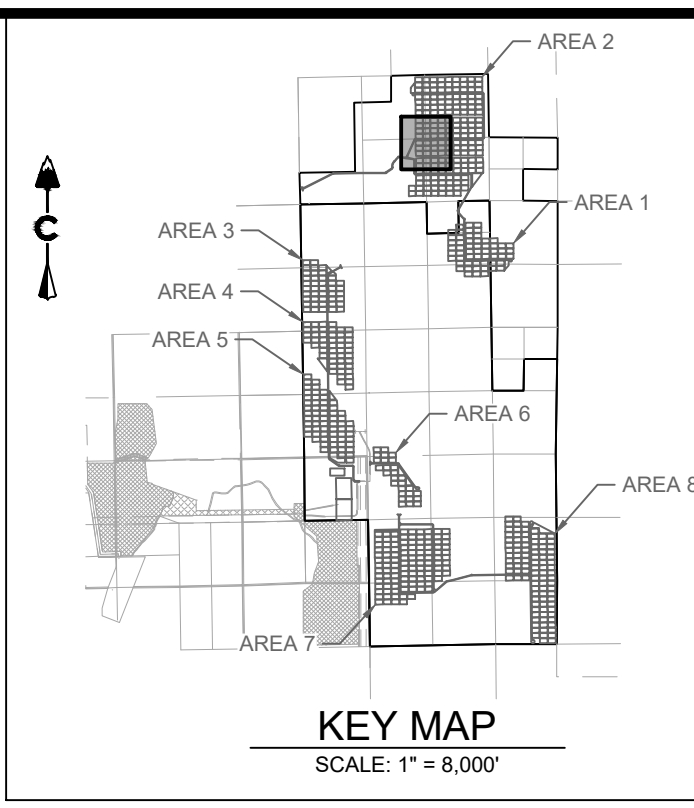
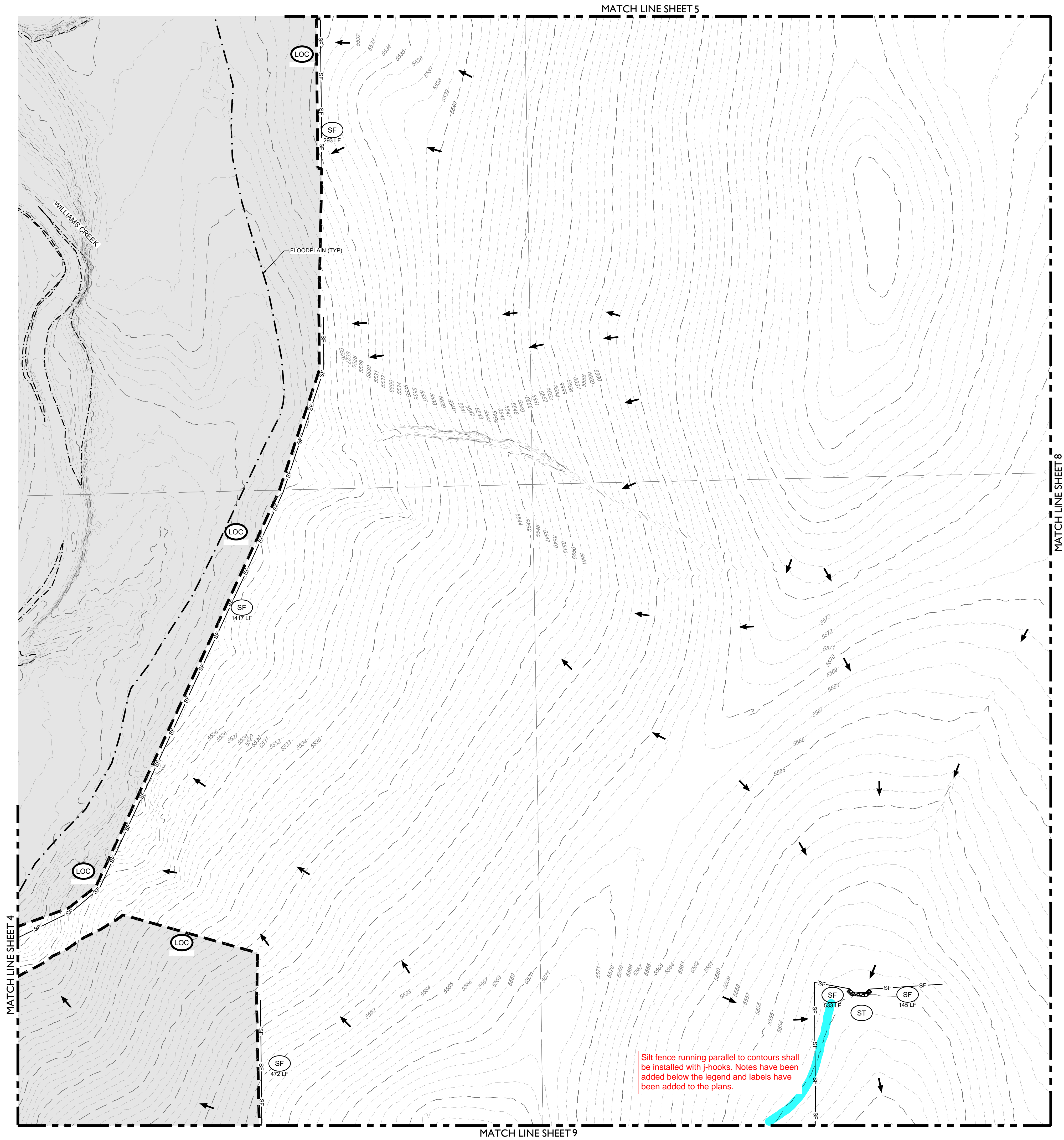
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3	2ND SUBMITTAL	10/20/21	KR
4	SIGNATURE SET	02/04/22	RH

PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INITIAL (3 OF 24)

DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB

JOB NO.  
20-194  
SHEET  
5 OF 78





LEGEND

5280	PROPOSED MAJOR CONTOUR
5279	PROPOSED MINOR CONTOUR
5280	EXISTING MAJOR CONTOUR
5279	EXISTING MINOR CONTOUR
---	PHASE BOUNDARY
	RCD REINFORCED CHECK DAM
	CWA CONCRETE WASHOUT AREA
	DD DIVERSION DITCH
	IP INLET PROTECTION
	RC ROCK SOCK
	SB SEDIMENT BASIN
	SCL SEDIMENT CONTROL LOG
	SM SEEDING
SF	SILT FENCE
SSA	STABILIZED STAGING AREA
ST	SEDIMENT TRAP
TSC	TEMPORARY STREAM CROSSING
VTC	VEHICLE TRACKING CONTROL

NOTES:

- SEE COVER SHEET FOR EL PASO COUNTY GEC STANDARD NOTES.
- SEE SHEETS 74-75 FOR EROSION CONTROL DETAILS.
- ALL SILT FENCE NOT RUNNING PARALLEL TO CONTOURS SHALL BE INSTALLED WITH J-HOOKS, SEE SHEET 75 FOR DETAIL.

DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB

JOB NO.  
20-194

SHEET  
7 OF 78

PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INITIAL (5 OF 24)

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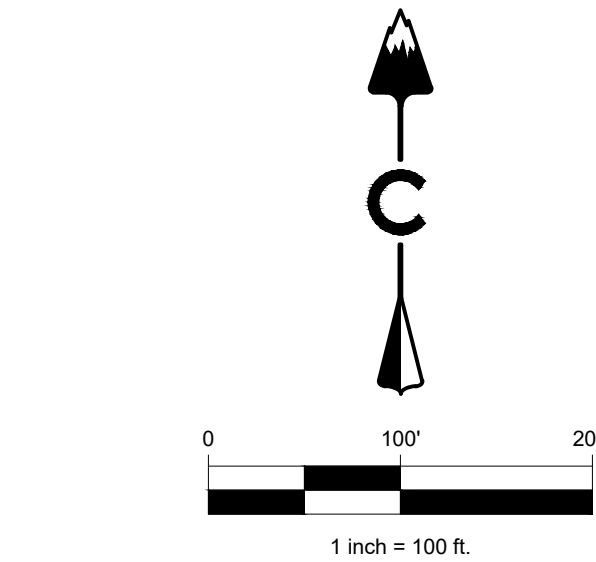
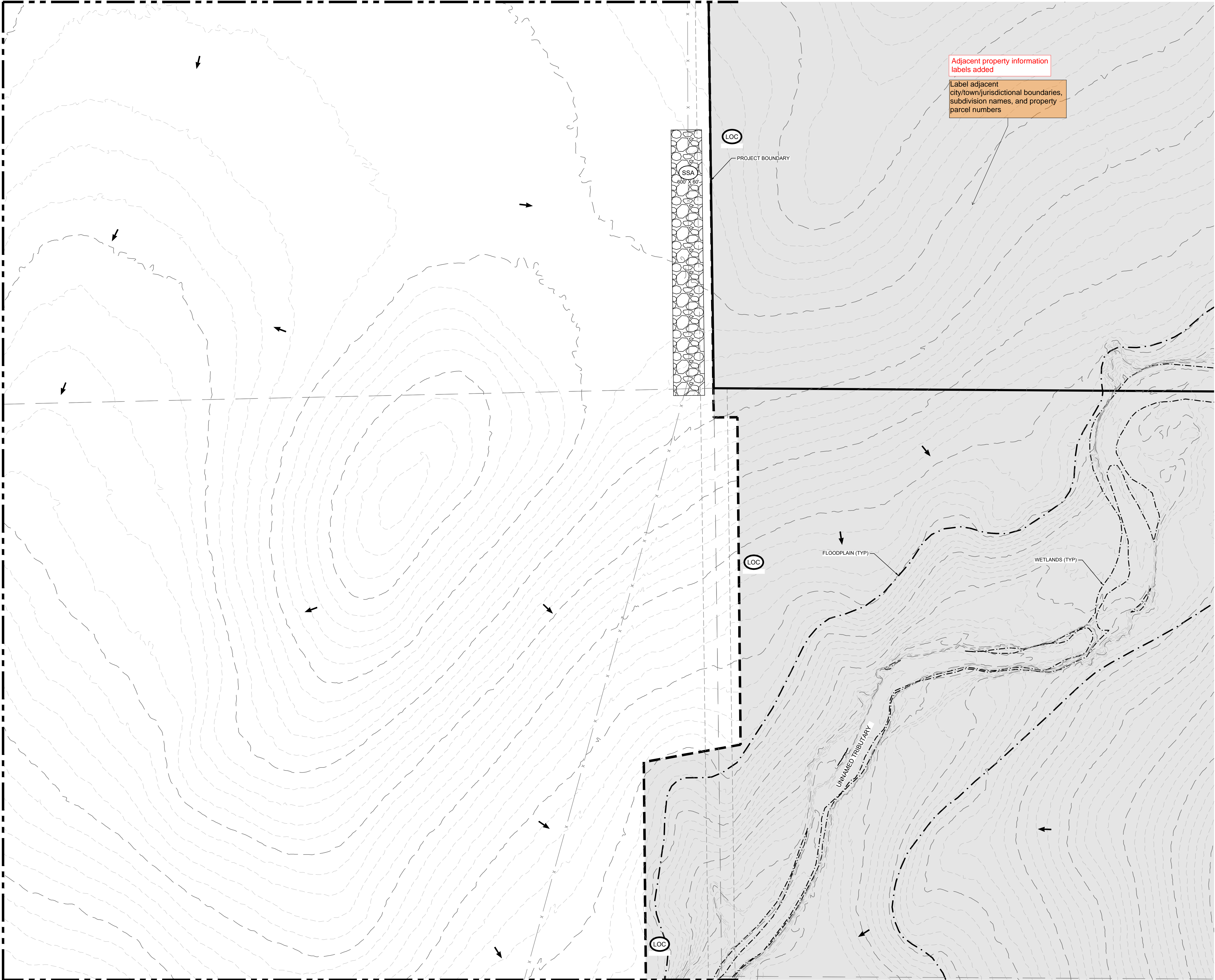
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MATCH LINE SHEET 7

MATCH LINE SHEET 6

MATCH LINE SHEET 10

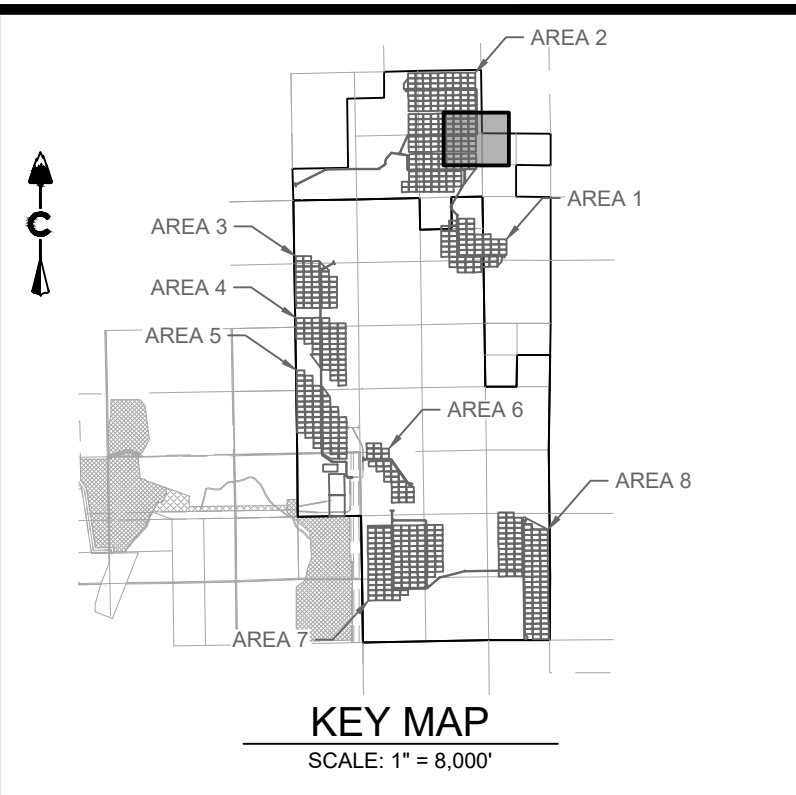


LEGEND

5280	PROPOSED MAJOR CONTOUR
5279	PROPOSED MINOR CONTOUR
5280	EXISTING MAJOR CONTOUR
5279	EXISTING MINOR CONTOUR
- - - - -	PHASE BOUNDARY
	(RCD) REINFORCED CHECK DAM
	(CWA) CONCRETE WASHOUT AREA
	(DD) DIVERSION DITCH
	(IP) INLET PROTECTION
	(RC) ROCK SOCK
	(SB) SEDIMENT BASIN
	(SCL) SEDIMENT CONTROL LOG
	(SM) SEEDING
	(SF) SILT FENCE
	(SSA) STABILIZED STAGING AREA
	(ST) SEDIMENT TRAP
	(TSC) TEMPORARY STREAM CROSSING
	(VTC) VEHICLE TRACKING CONTROL

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**PIKE SOLAR**  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INITIAL (6 OF 24)

DESIGNED BY: BB  
DRAWN BY: SD  
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JOB NO.  
20-194  
SHEET  
8 OF 78

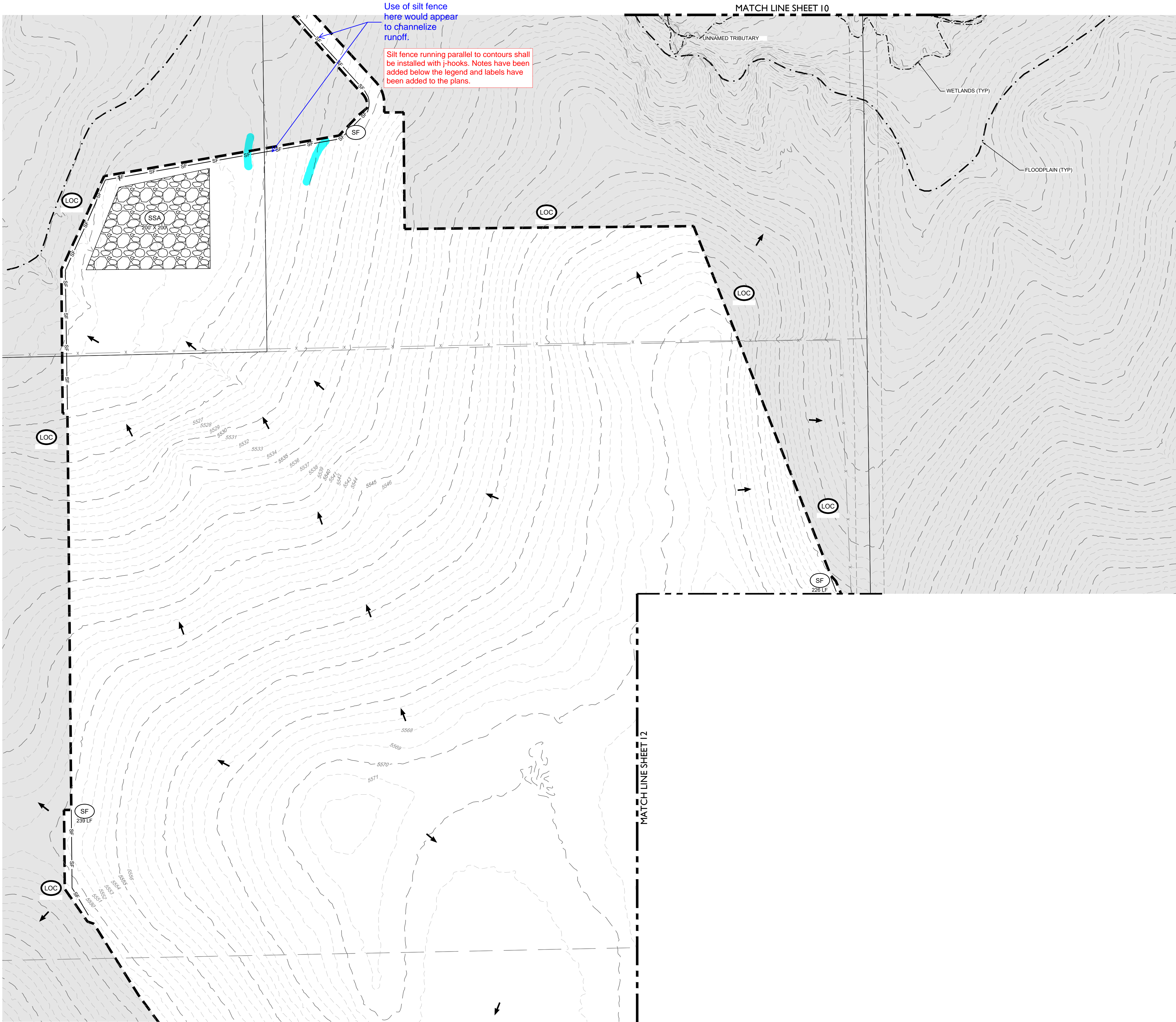


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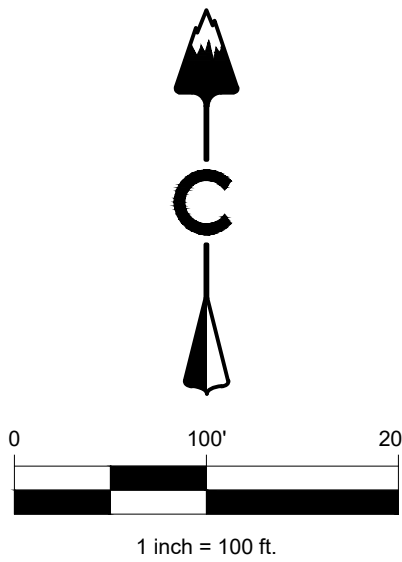
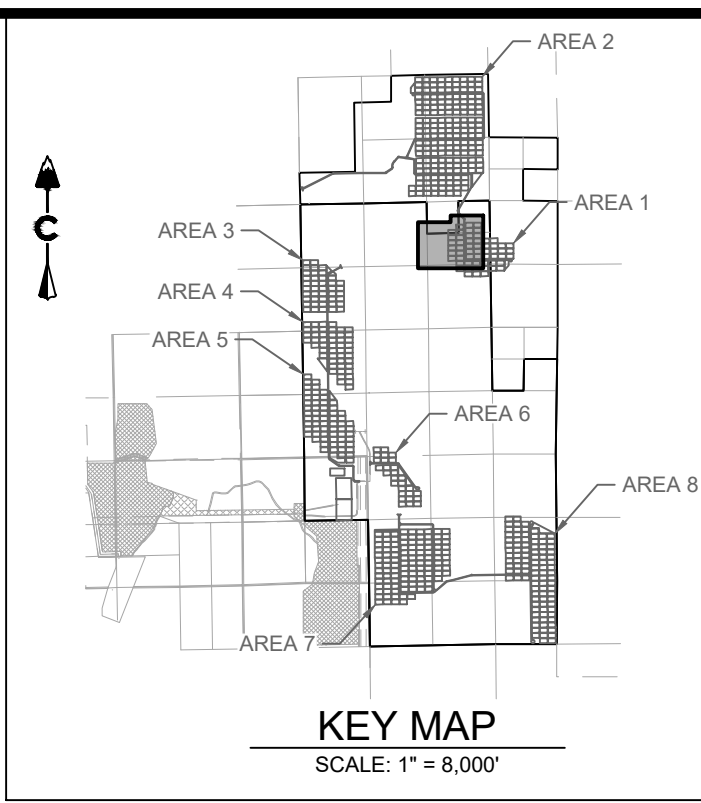
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



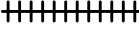







Use of silt fence here would appear to channelize runoff.

Silt fence running parallel to contours shall be installed with j-hooks. Notes have been added below the legend and labels have been added to the plans.



#### LEGEND

————— 5280 —————		PROPOSED MAJOR CONTOUR
————— 5279 —————		PROPOSED MINOR CONTOUR
————— 5280 —————		EXISTING MAJOR CONTOUR
————— 5279 —————		EXISTING MINOR CONTOUR
— — — — —		PHASE BOUNDARY
	(RCD)	REINFORCED CHECK DAM
	(CWA)	CONCRETE WASHOUT AREA
————— < —————	(DD)	DIVERSION DITCH
	(IP)	INLET PROTECTION
	(RC)	ROCK SOCK
	(SB)	SEDIMENT BASIN
	(SCL)	SEDIMENT CONTROL LOG
	(SM)	SEEDING
————— SF —————	(SF)	SILT FENCE
	(SSA)	STABILIZED STAGING AREA
	(ST)	SEDIMENT TRAP
	(TSC)	TEMPORARY STREAM CROSSING
	(VTC)	VEHICLE TRACKING CONTROL

- NOTES:
- SEE COVER SHEET FOR EL PASO COUNTY GEC STANDARD NOTES.
  - SEE SHEETS 74-75 FOR EROSION CONTROL DETAILS.
  - ALL SILT FENCE NOT RUNNING PARALLEL TO CONTOURS SHALL BE INSTALLED WITH J-HOOKS, SEE SHEET 75 FOR DETAIL.

DESIGNED BY: BB  
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CHECKED BY: DB

JOB NO.  
20-194  
SHEET  
11 OF 78

PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INITIAL (9 OF 24)

DATE

BY

#

REVISION DESCRIPTION

02/25/21	DB	1	1ST SUBMITTAL
04/07/21	DB	2	BID SET
10/20/21	KR	3	2ND SUBMITTAL
02/04/22	RH	4	SIGNATURE SET

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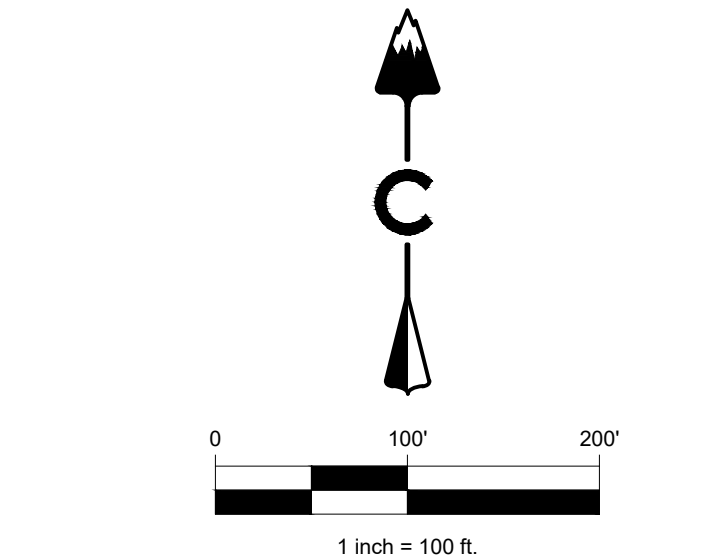
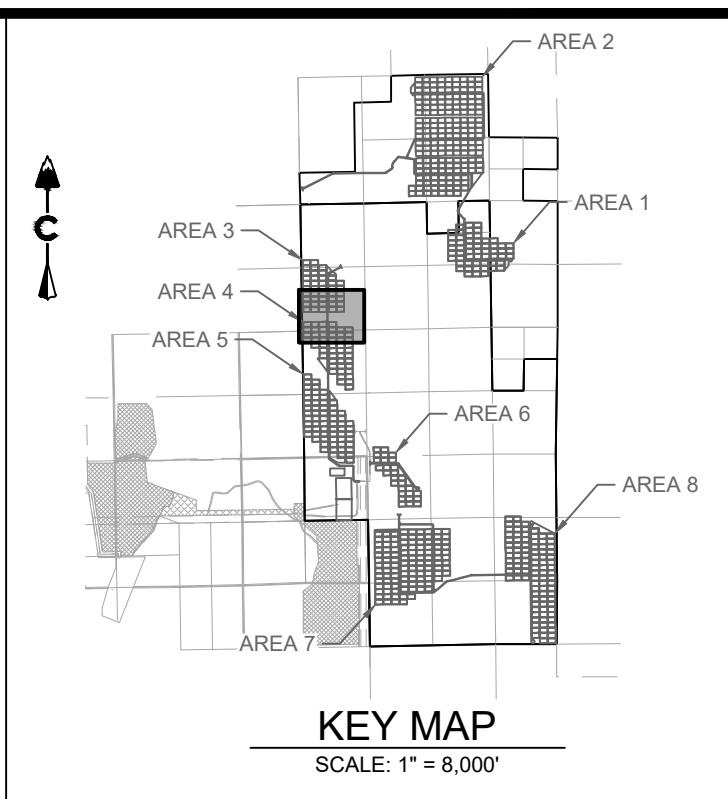
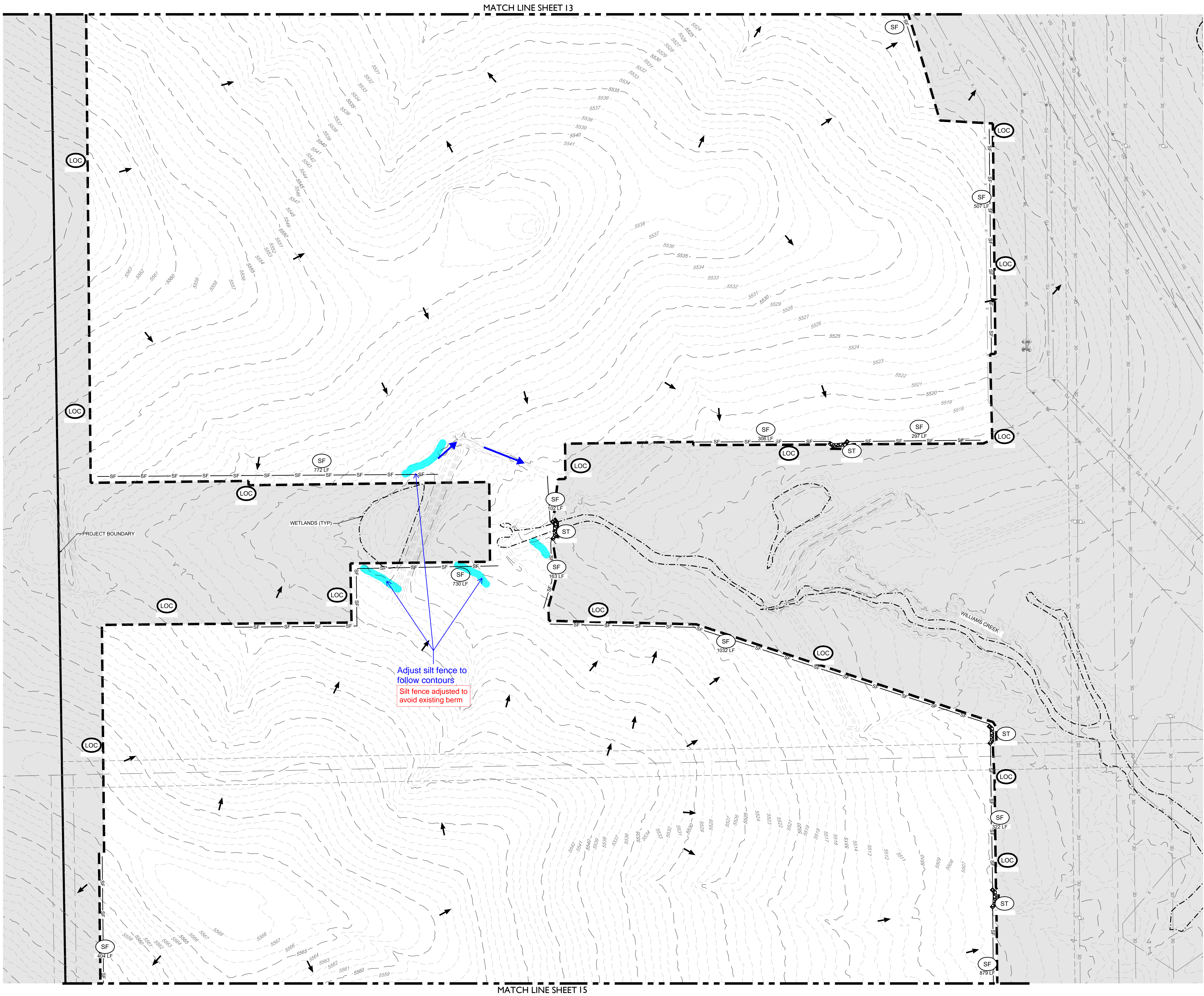
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LEGEND

5280	PROPOSED MAJOR CONTOUR
5279	PROPOSED MINOR CONTOUR
5280	EXISTING MAJOR CONTOUR
5279	EXISTING MINOR CONTOUR
- - - - -	PHASE BOUNDARY
[Symbol]	RCDD REINFORCED CHECK DAM
[Symbol]	CWA CONCRETE WASHOUT AREA
[Symbol]	DD DIVERSION DITCH
[Symbol]	IP INLET PROTECTION
[Symbol]	RC ROCK SOCK
[Symbol]	SB SEDIMENT BASIN
[Symbol]	SCL SEDIMENT CONTROL LOG
[Symbol]	SM SEEDING
SF	SF SILT FENCE
[Symbol]	SSA STABILIZED STAGING AREA
[Symbol]	ST SEDIMENT TRAP
[Symbol]	TSC TEMPORARY STREAM CROSSING
[Symbol]	VTC VEHICLE TRACKING CONTROL

NOTES:

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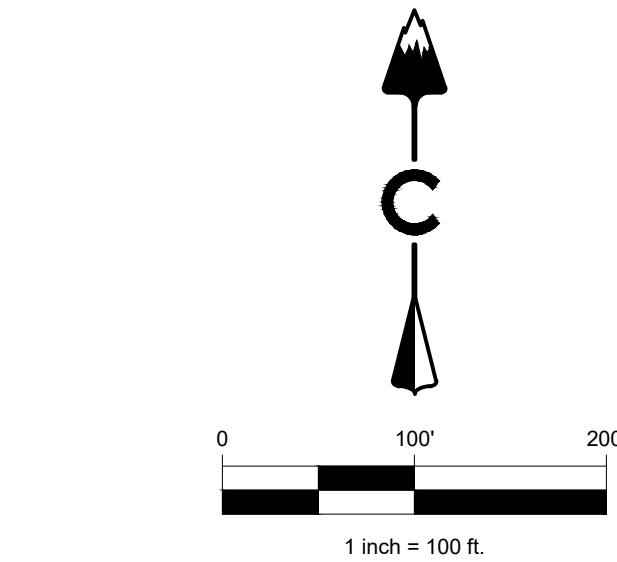
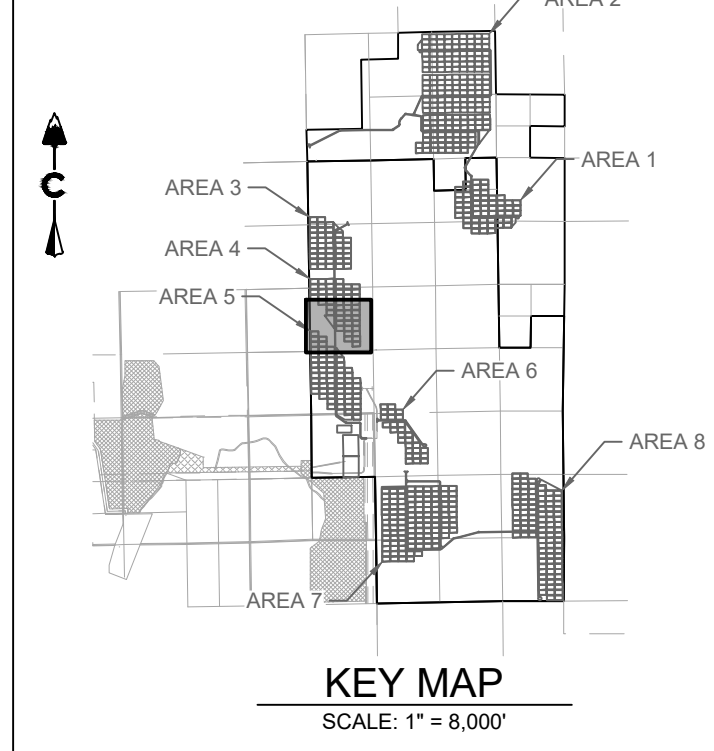
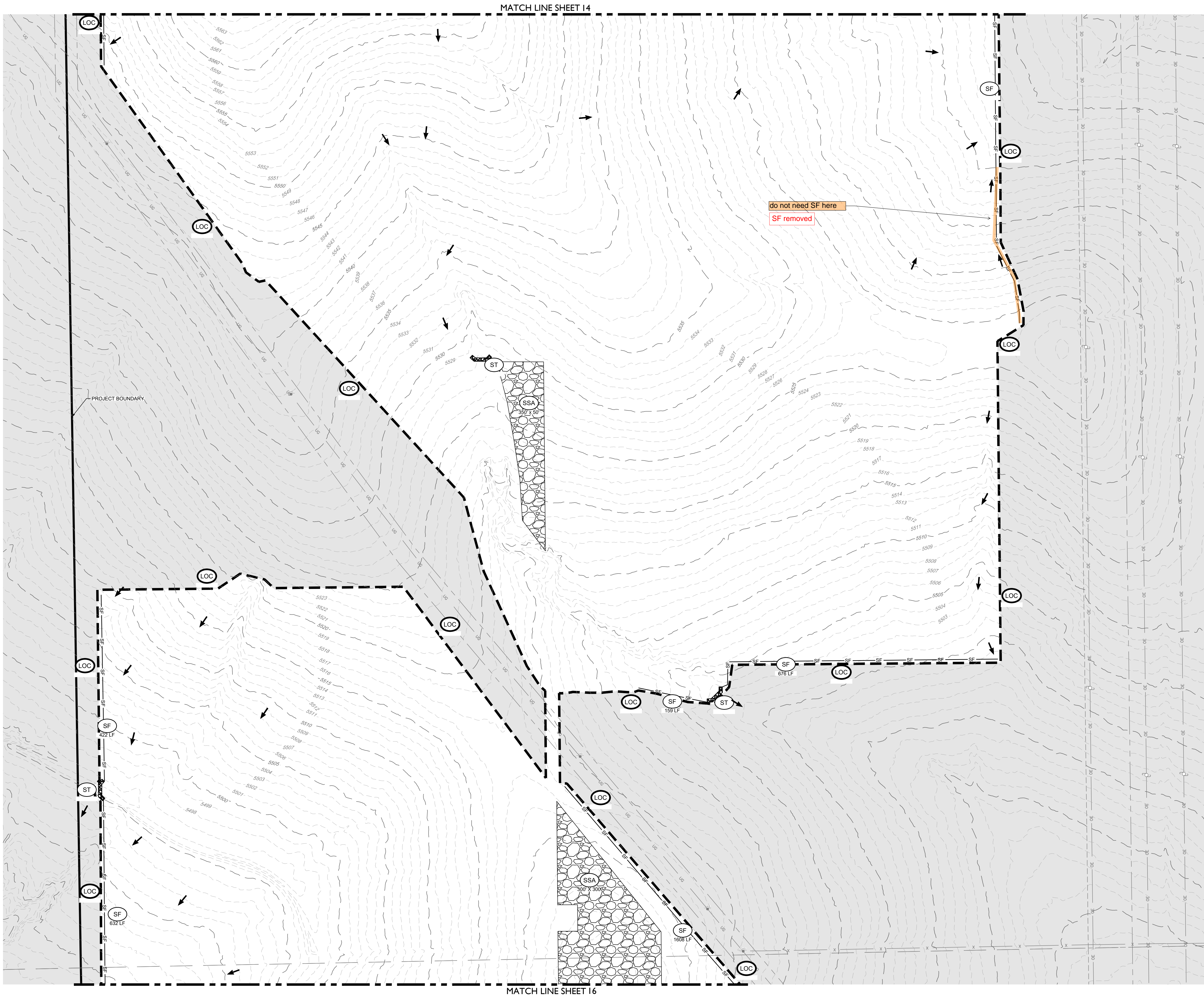
**PIKE SOLAR**  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INITIAL (12 OF 24)

DESIGNED BY:	BB
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CHECKED BY:	DB

JOB NO.  
20-194

SHEET  
14 OF 78





## LEGEND

	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PHASE BOUNDARY
	(RCD) REINFORCED CHECK DAM
	(CWA) CONCRETE WASHOUT AREA
	(DD) DIVERSION DITCH
	(IP) INLET PROTECTION
	(RC) ROCK SOCK
	(SB) SEDIMENT BASIN
	(SCL) SEDIMENT CONTROL LOG
	(SM) SEEDING
	(SF) SILT FENCE
	(STA) STABILIZED STAGING AREA
	(ST) SEDIMENT TRAP
	(TSC) TEMPORARY STREAM CROSSING
	(VTC) VEHICLE TRACKING CONTROL

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**PIKE SOLAR**

**EL PASO COUNTY, COLORADO**

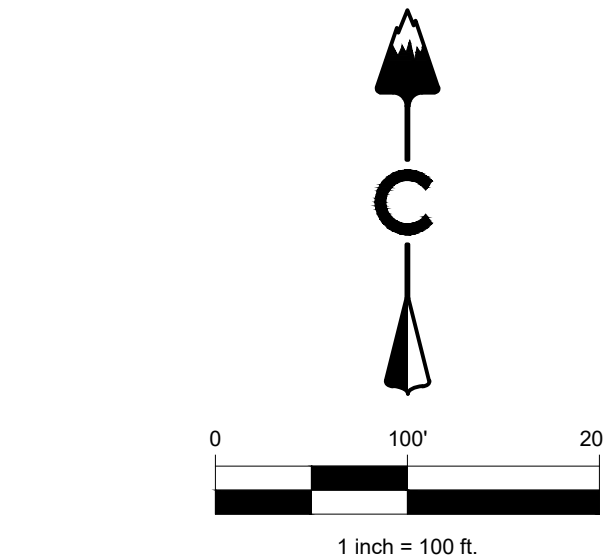
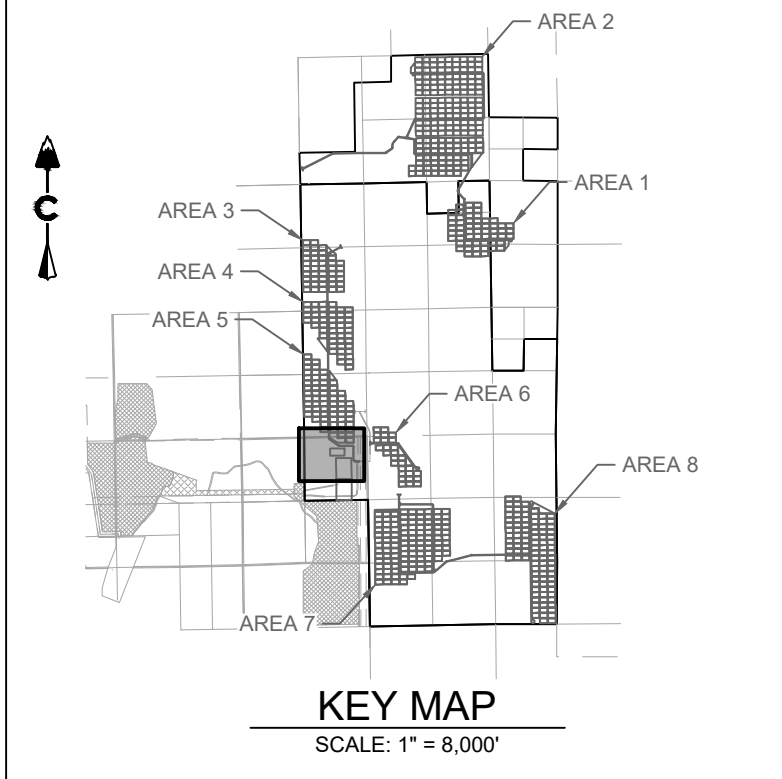
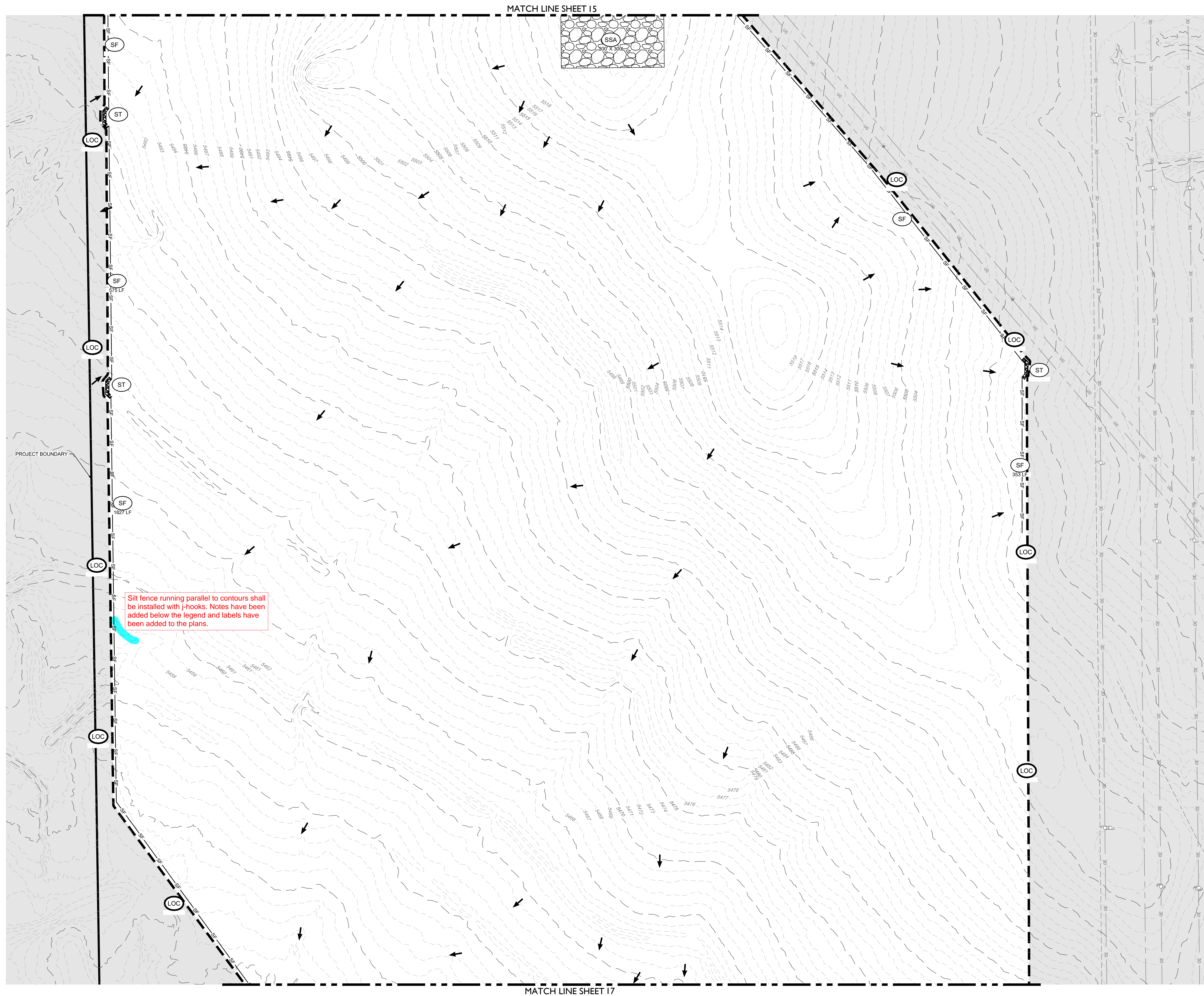
## GRADING & EROSION CONTROL PLANS

DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB

JOB NO.  
20-194

SHEET  
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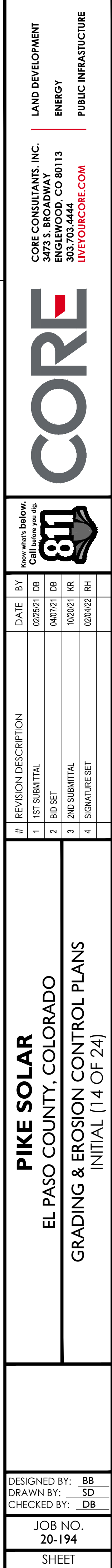


- |  |       |                           |
|--|-------|---------------------------|
|  | 5280  | PROPOSED MAJOR CONTOUR    |
|  | 5279  | PROPOSED MINOR CONTOUR    |
|  | 5280  | EXISTING MAJOR CONTOUR    |
|  | 5279  | EXISTING MINOR CONTOUR    |
|  |       | PHASE BOUNDARY            |
|  | (RCD) | REINFORCED CHECKOUT DAM   |
|  | (CWA) | CONCRETE WASHOUT AREA     |
|  | (DD)  | DIVERSION DITCH           |
|  | (IP)  | INLET PROTECTION          |
|  | (RC)  | ROCK SOCK                 |
|  | (SB)  | SEDIMENT BASIN            |
|  | (SCL) | SEDIMENT CONTROL LOG      |
|  | (SM)  | SEEDING                   |
|  | (SF)  | SILT FENCE                |
|  | (SSA) | STABILIZED STAGING AREA   |
|  | (ST)  | SEDIMENT TRAP             |
|  | (TSC) | TEMPORARY STREAM CROSSING |
|  | (VTC) | VEHICLE TRACKING CONTROL  |

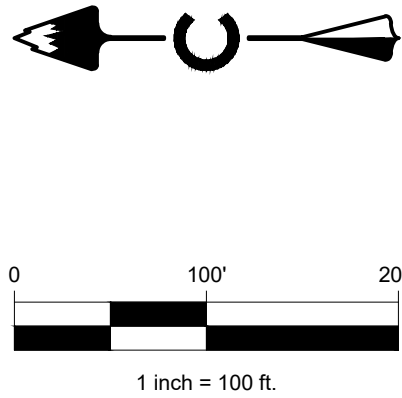
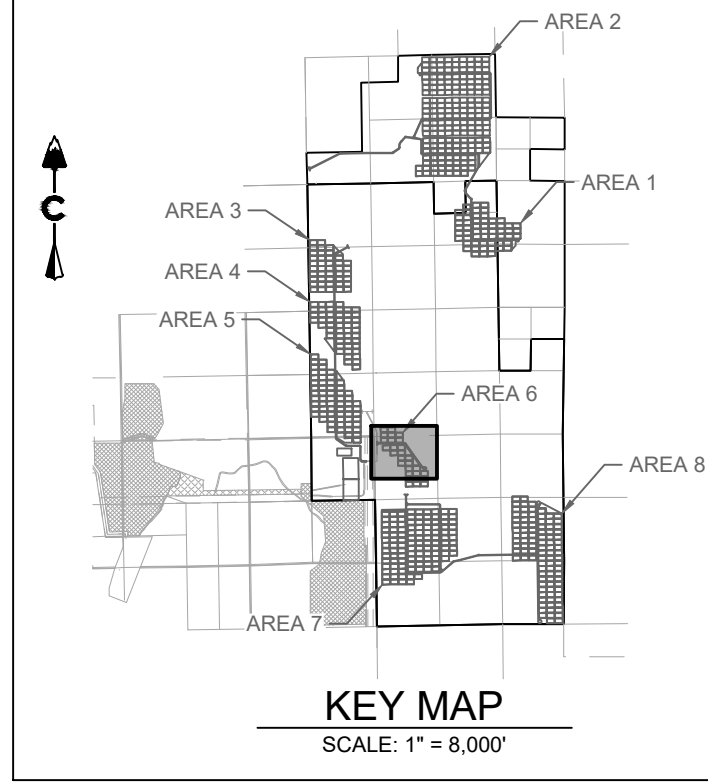
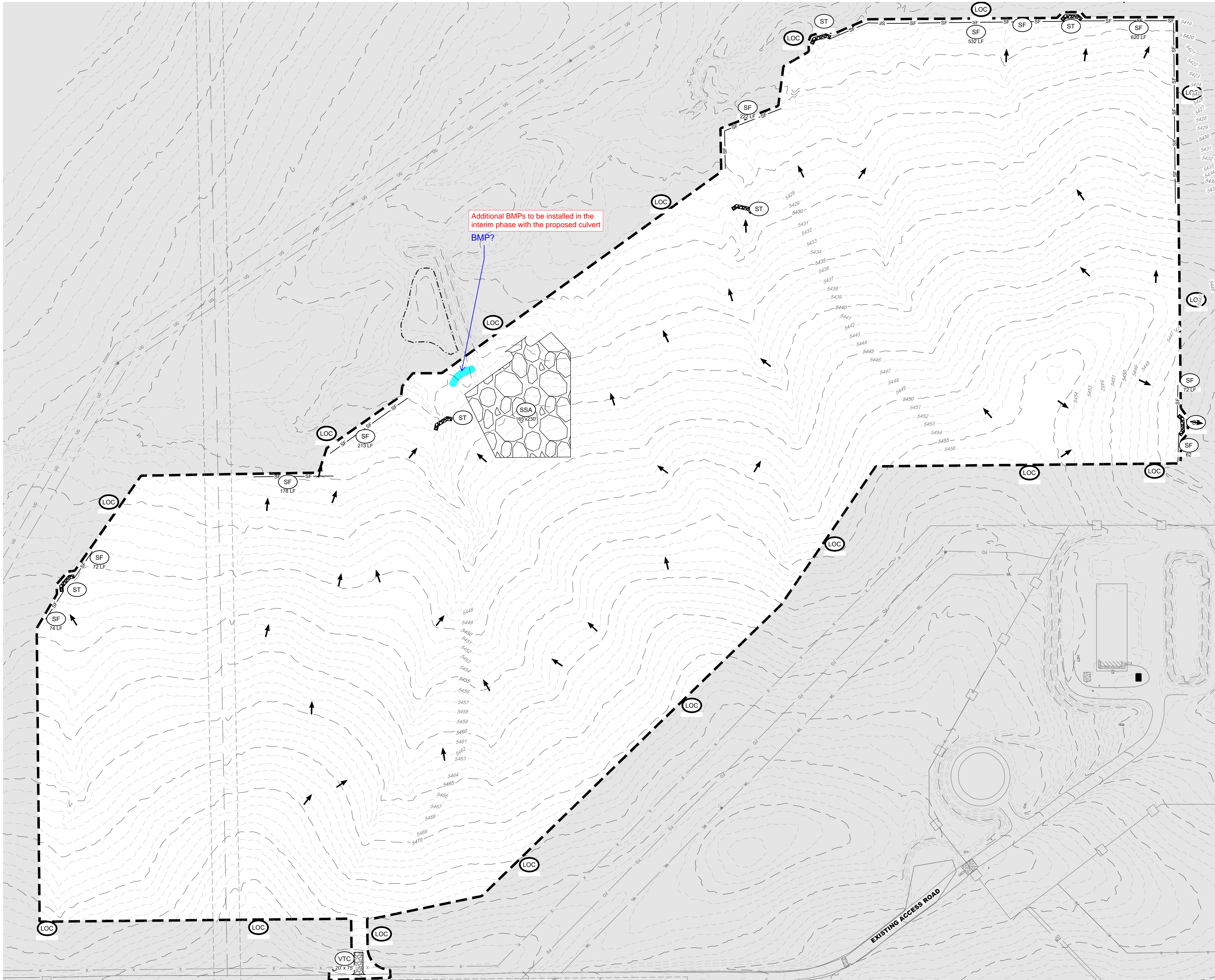
**NOTES:**

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2. SEE SHEETS 74-75 FOR EROSION CONTROL DETAILS.
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POD 5 / BESS / SUBSTATION EARTHWORK  
CUT: 6,778 CY  
FILL: 6,705 CY  
TOTAL: 73 CY (CUT)







LEGEND			
	5280	PROPOSED MAJOR CONTOUR	
	5279	PROPOSED MINOR CONTOUR	
	5280	EXISTING MAJOR CONTOUR	
	5279	EXISTING MINOR CONTOUR	
		PHASE BOUNDARY	
	RCd	REINFORCED CHECK DAM	
	CWA	CONCRETE WASHOUT AREA	
	DD	DIVERSION DITCH	
	IP	INLET PROTECTION	
	RC	ROCK SOCK	
	SB	SEDIMENT BASIN	
	SCL	SEDIMENT CONTROL LOG	
	SM	SEEDING	
	SF	SILT FENCE	
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	ST	SEDIMENT TRAP	
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POD 6 EARTHWORK  
CUT: 3,778 CY  
FILL: 3,837 CY  
TOTAL: 59 CY (FILL)

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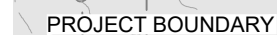
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PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INITIAL (16 OF 24)

DESIGNED BY: BB  
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CHECKED BY: DB

JOB NO.  
20-194  
SHEET  
18 OF 78





MATCH LINE SHEET 19

**MATCHLINE SHEET 22**



**KEY MAP**  
SCALE: 1" = 8,000'

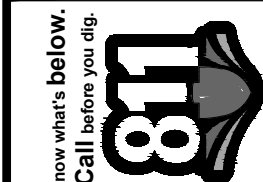
SCALE: 1" = 8,000'

### LEGEND

	5280	PROPOSED MAJOR CONTOUR
	5279	PROPOSED MINOR CONTOUR
	5280	EXISTING MAJOR CONTOUR
	5279	EXISTING MINOR CONTOUR
		PHASE BOUNDARY
	(RCD)	REINFORCED CHECK DAM
	(CWA)	CONCRETE WASHOUT AREA
	(DD)	DIVERSION DITCH
	(IP)	INLET PROTECTION
	(RC)	ROCK SOCK
	(SB)	SEDIMENT BASIN
	(SCL)	SEDIMENT CONTROL LOG
	(SM)	SEEDING
	(SF)	SILT FENCE
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now what's below.

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3	2ND SUBMITTAL	10/20/21	KR
4	SIGNATURE SET	02/04/22	RH

**PIKE SOLAR**

EL PASO COUNTY, COLORADO

## GRADING & EROSION CONTROL PLANS

INITIAL (19 OF 24)

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DRAWN BY: SD  
CHECKED BY: DB

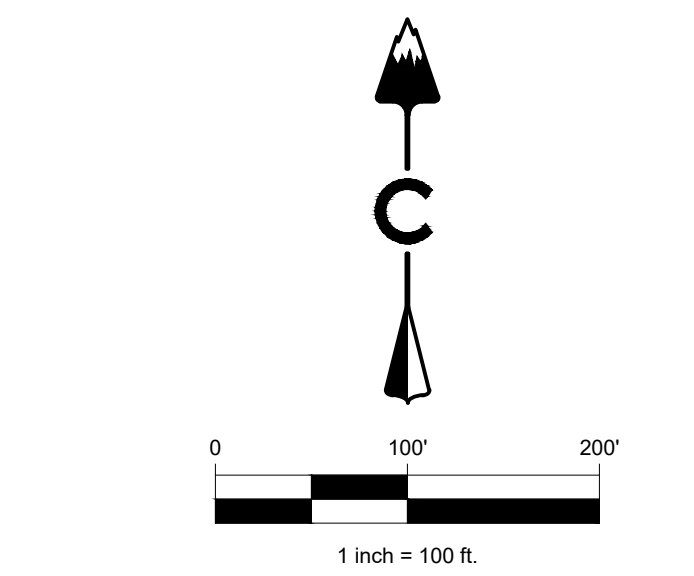
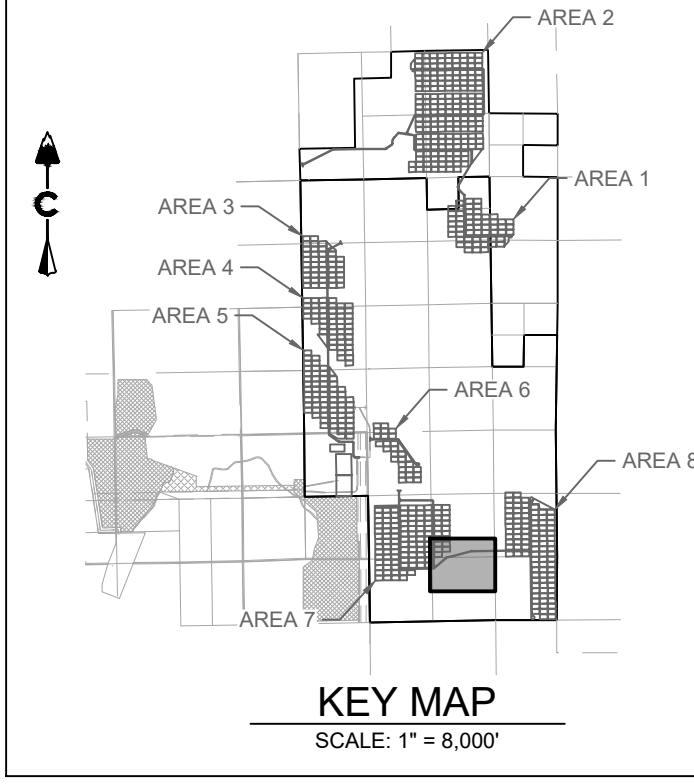
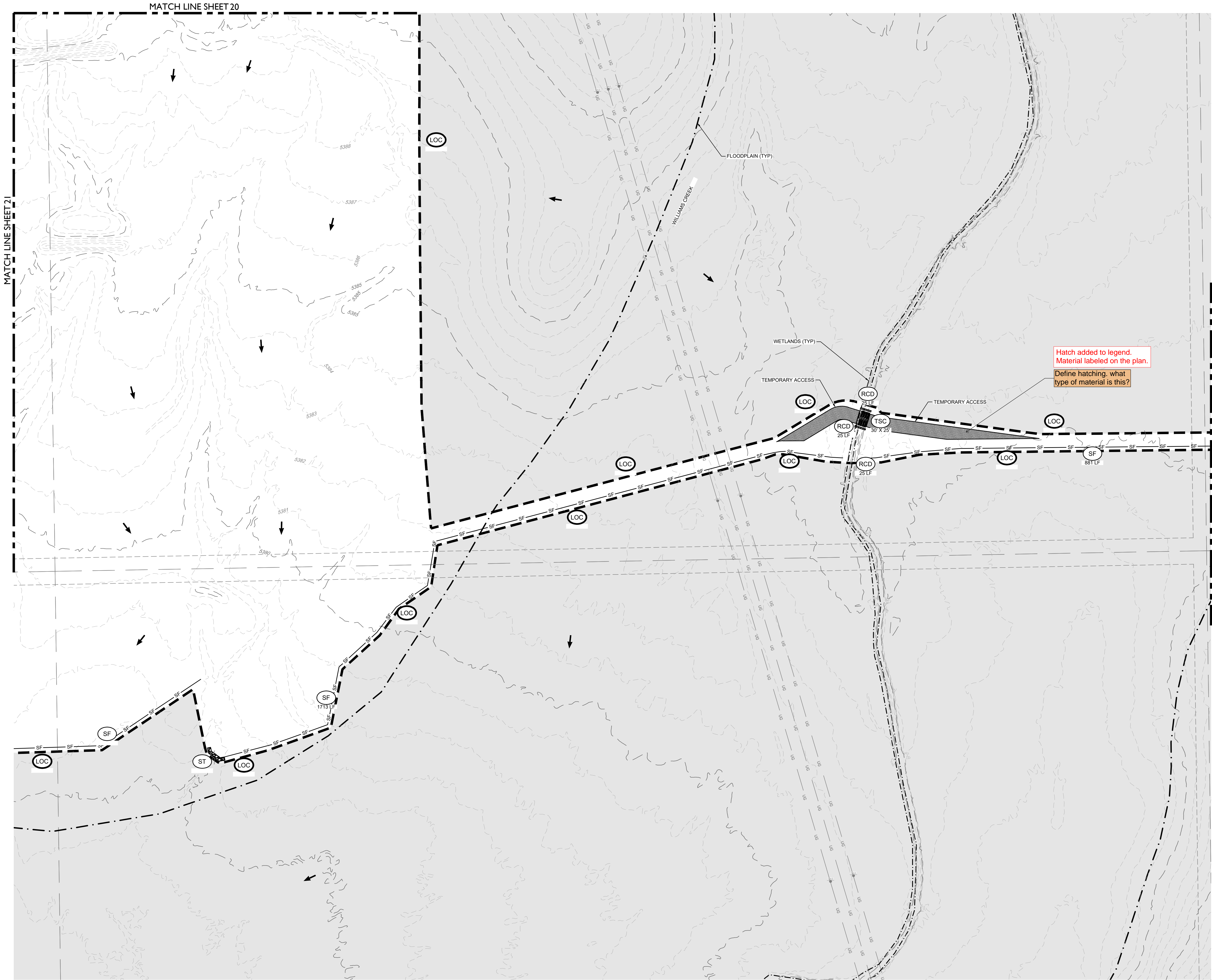
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LEGEND			
	5280	PROPOSED MAJOR CONTOUR	
	5279	PROPOSED MINOR CONTOUR	
	5280	EXISTING MAJOR CONTOUR	
	5279	EXISTING MINOR CONTOUR	
		PHASE BOUNDARY	
	RCD	REINFORCED CHECK DAM	
	CWA	CONCRETE WASHOUT AREA	
	DD	DIVERSION DITCH	
	IP	INLET PROTECTION	
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	SB	SEDIMENT BASIN	
	SOL	SEDIMENT CONTROL LOG	
	SM	SEEDING	
	SF	SILT FENCE	
	SSA	STABILIZED STAGING AREA	
	ST	SEDIMENT TRAP	
	TSC	TEMPORARY STREAM CROSSING	
	VTC	VEHICLE TRACKING CONTROL	

Hatch added to legend.  
Material labeled on the plan.  
Define hatching, what  
type of material is this?

- NOTES:
- SEE COVER SHEET FOR EL PASO COUNTY GEC STANDARD NOTES.
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DRAWN BY: SD  
CHECKED BY: DB

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20-194

SHEET  
22 OF 78

PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INITIAL (20 OF 24)

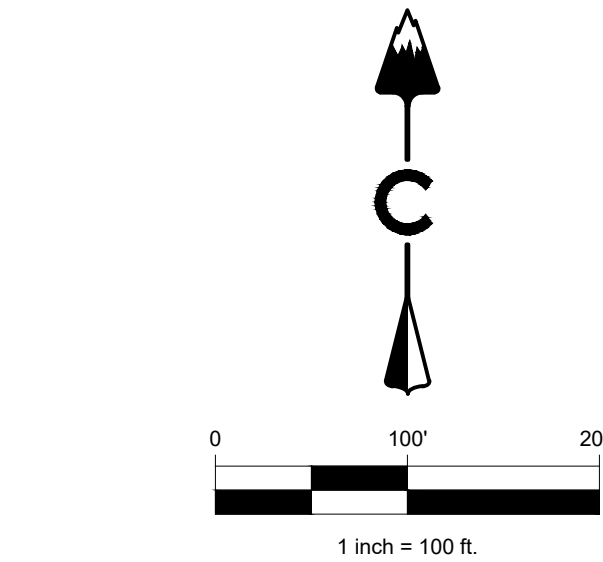
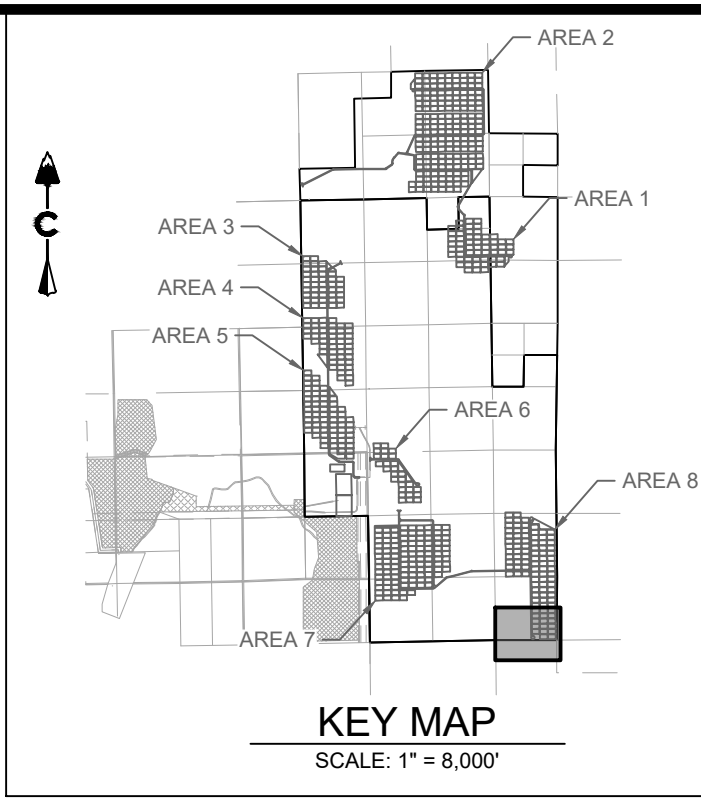
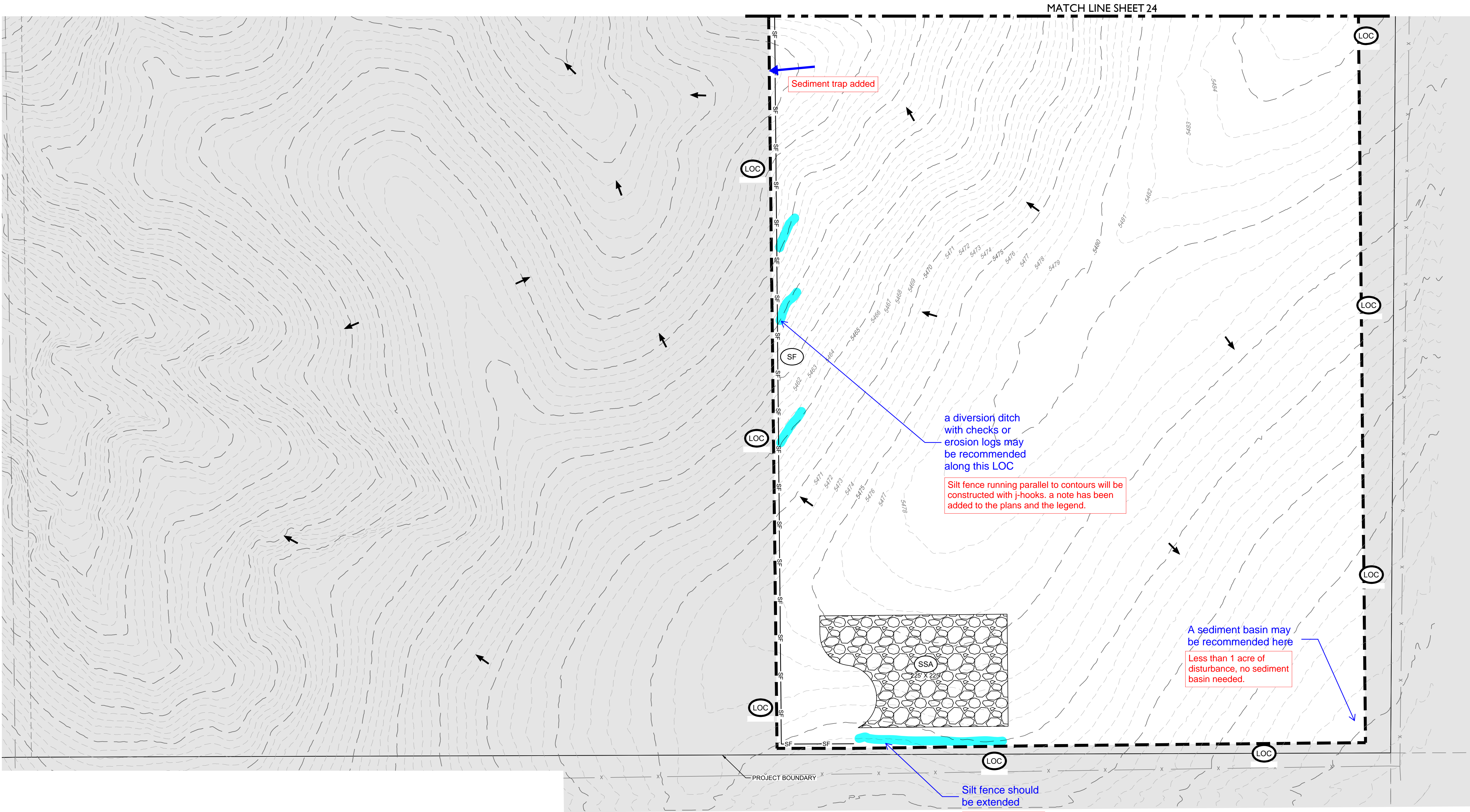
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LAND DEVELOPMENT  
ENERGY  
PUBLIC INFRASTRUCTURE





**LEGEND**

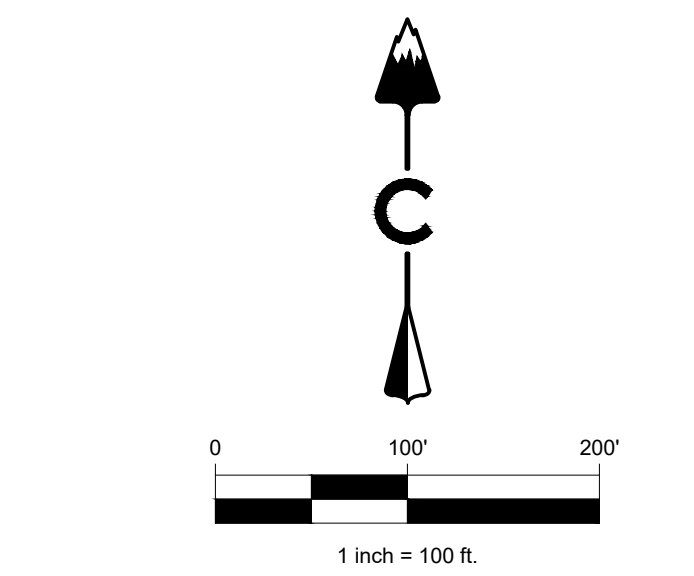
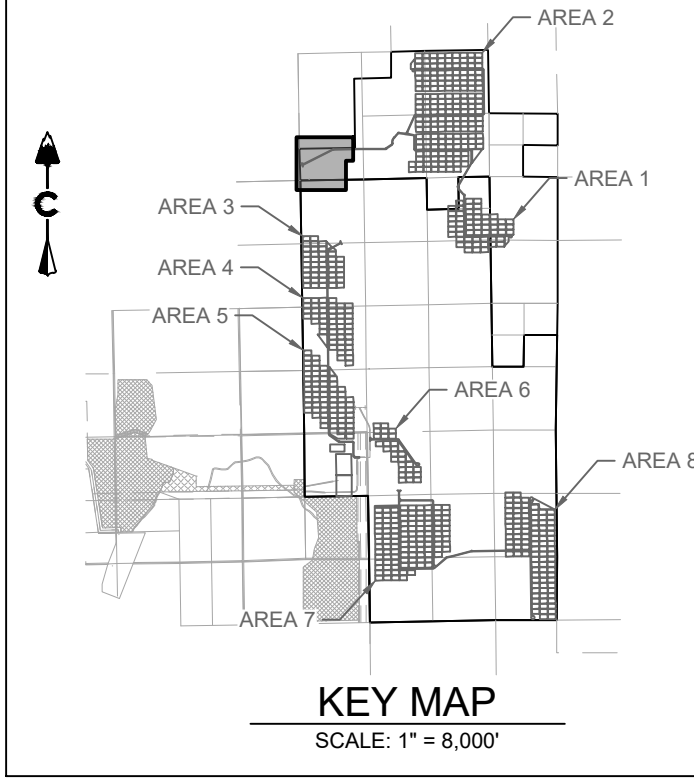
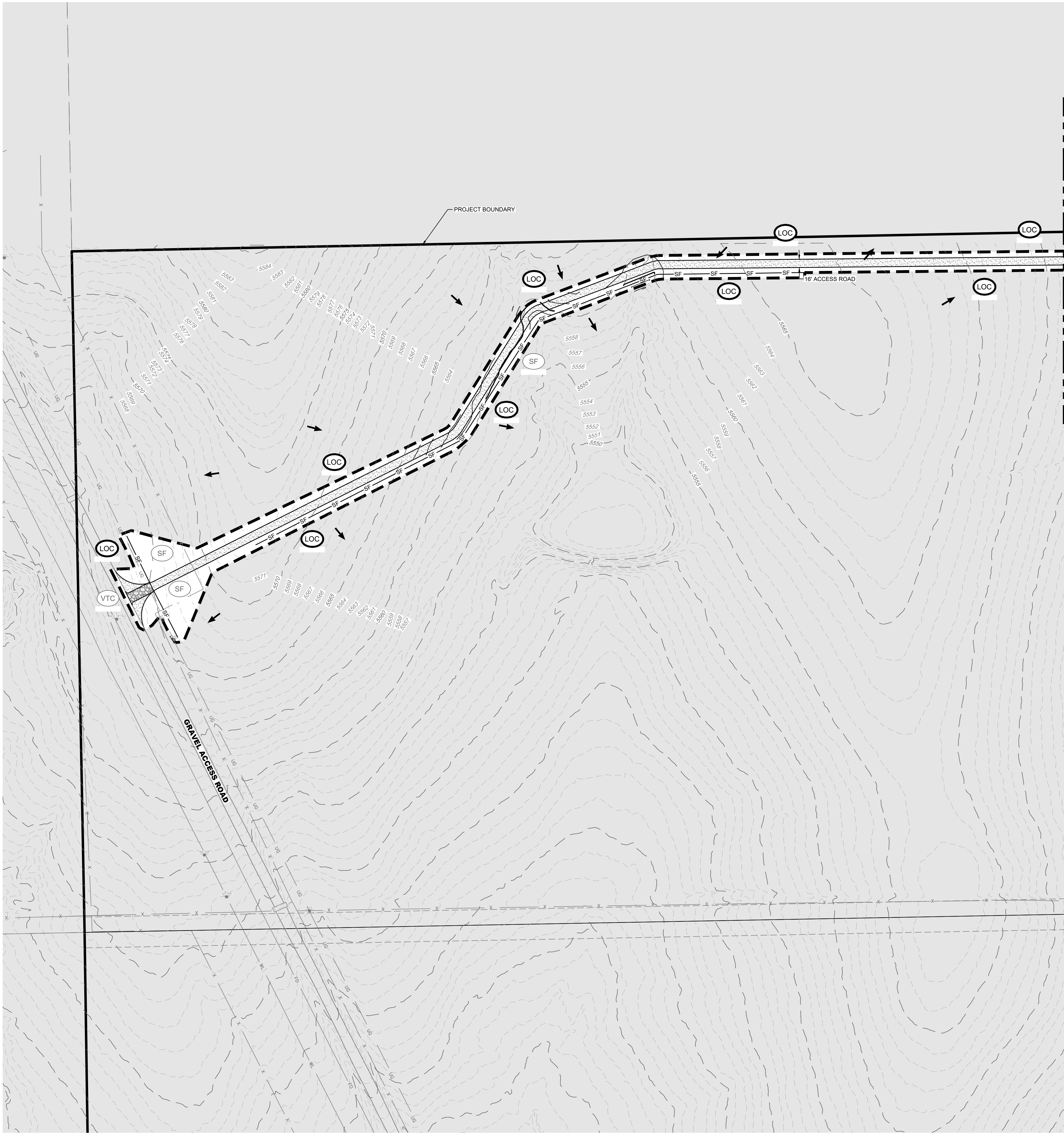
5280	PROPOSED MAJOR CONTOUR
5279	PROPOSED MINOR CONTOUR
5280	EXISTING MAJOR CONTOUR
5279	EXISTING MINOR CONTOUR
---	PHASE BOUNDARY
	RCD REINFORCED CHECK DAM
	CWA CONCRETE WASHOUT AREA
	DD DIVERSION DITCH
	IP INLET PROTECTION
	RC ROCK SOCK
	SB SEDIMENT BASIN
	SCL SEDIMENT CONTROL LOG
	SM SEEDING
SF	SF SILT FENCE
SSA	SSA STABILIZED STAGING AREA
ST	ST SEDIMENT TRAP
TSC	TSC TEMPORARY STREAM CROSSING
VTC	VTC VEHICLE TRACKING CONTROL

- NOTES:**
- SEE COVER SHEET FOR EL PASO COUNTY GEC STANDARD NOTES.
  - SEE SHEETS 74-75 FOR EROSION CONTROL DETAILS.
  - ALL SILT FENCE NOT RUNNING PARALLEL TO CONTOURS SHALL BE INSTALLED WITH J-HOOKS, SEE SHEET 75 FOR DETAIL.

<b>PIKE SOLAR</b> EL PASO COUNTY, COLORADO GRADING & EROSION CONTROL PLANS INITIAL (23 OF 24)	DESIGNED BY: BB DRAWN BY: SD CHECKED BY: DB
	JOB NO. 20-194 SHEET 25 OF 78

<b>CORE</b> CORE CONSULTANTS, INC. 3473 S. BROADWAY DENVER, CO 80113 303.703.4444 LIVEYOURCORE.COM	LAND DEVELOPMENT ENERGY PUBLIC INFRASTRUCTURE			
	Know what's below. Call before you dig. <b>811</b>			
	#	REVISION DESCRIPTION	DATE	BY
	1	1ST SUBMITTAL	02/25/21	DB
2	BID SET	04/07/21	DB	
3	2ND SUBMITTAL	10/20/21	KR	
4	SIGNATURE SET	02/04/22	RH	





LEGEND	
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PHASE BOUNDARY
	REINFORCED CHECK DAM
	CONCRETE WASHOUT AREA
	DIVERSION DITCH
	INLET PROTECTION
	ROCK SOCK
	SEDIMENT BASIN
	SEDIMENT CONTROL LOG
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show all Limits of Disturbance and add to legend

Show areas of cut/fill

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PIKE SOLAR

EL PASO COUNTY, COLORADO

GRADING & EROSION CONTROL PLANS

INTERIM (1 OF 24)

DESIGNED BY: BB
DRAWN BY: SD
CHECKED BY: DB

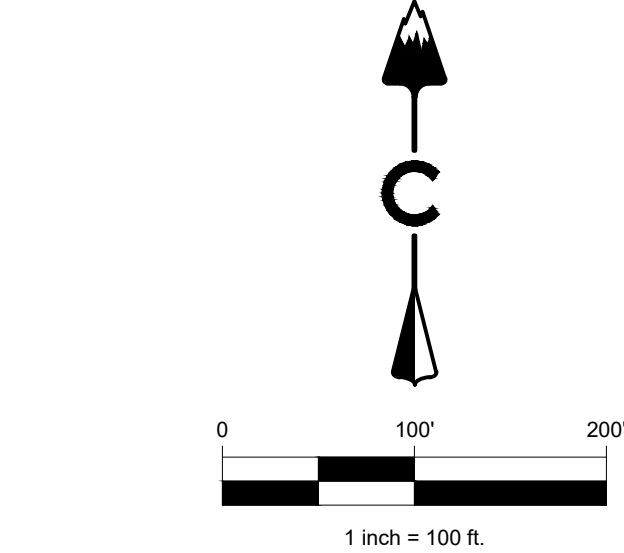
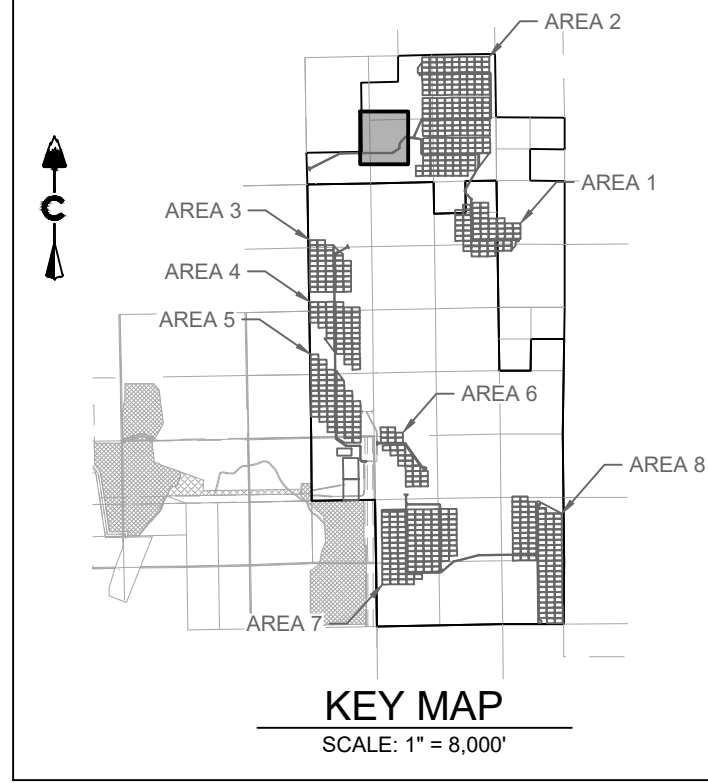
JOB NO. 20-194
SHEET 27 OF 78



MATCHLINE SHEET 27



define hatching in legend  
Added to legend



LEGEND			
	5280	PROPOSED MAJOR CONTOUR	
	5279	PROPOSED MINOR CONTOUR	
	5280	EXISTING MAJOR CONTOUR	
	5279	EXISTING MINOR CONTOUR	
		PHASE BOUNDARY	
	RCD	REINFORCED CHECK DAM	
	CWA	CONCRETE WASHOUT AREA	
	DD	DIVERSION DITCH	
	IP	INLET PROTECTION	
	RC	ROCK SOCK	
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	SOL	SEDIMENT CONTROL LOG	
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	SSA	STABILIZED STAGING AREA	
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	VTC	VEHICLE TRACKING CONTROL	

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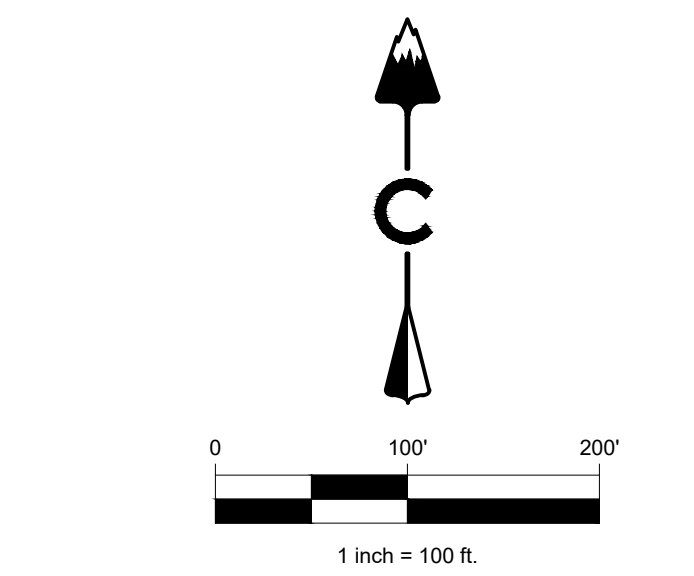
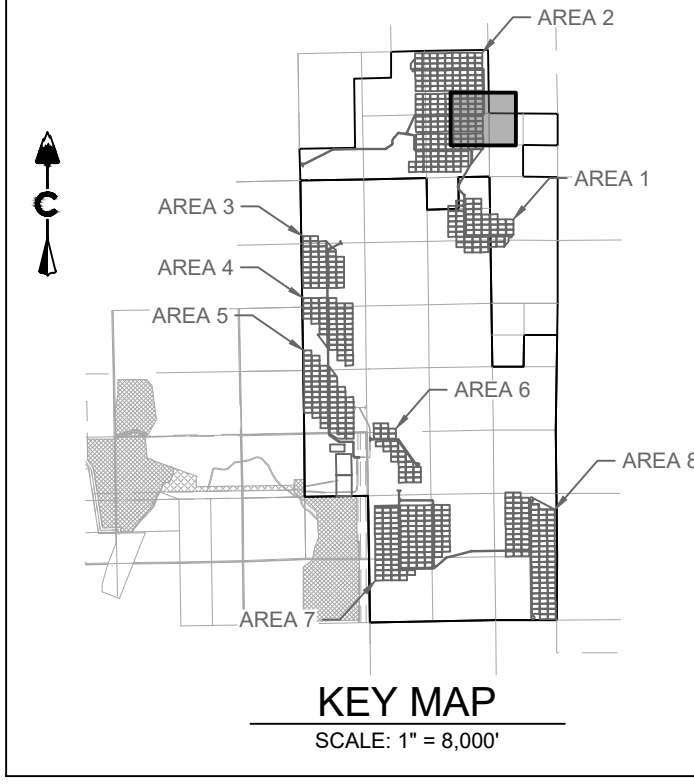
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PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INTERIM (2 OF 24)

DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB

JOB NO.  
20-194  
SHEET  
28 OF 78





LEGEND			
5280	PROPOSED MAJOR CONTOUR		
5279	PROPOSED MINOR CONTOUR		
5280	EXISTING MAJOR CONTOUR		
5279	EXISTING MINOR CONTOUR		
	PHASE BOUNDARY		
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DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB

JOB NO.  
20-194  
SHEET  
32 OF 78

PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INTERIM (6 OF 24)

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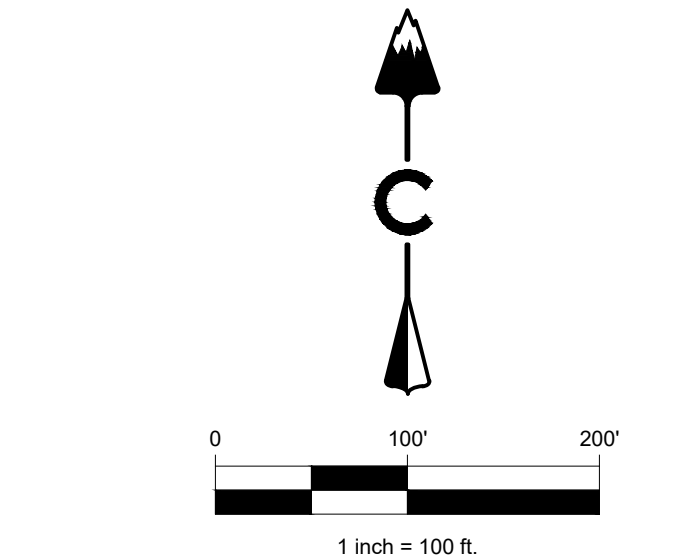
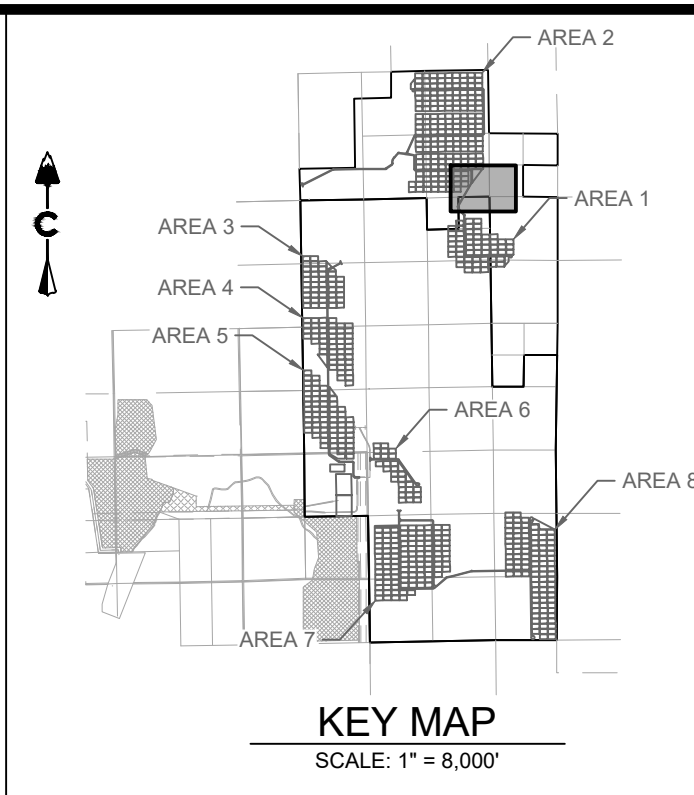
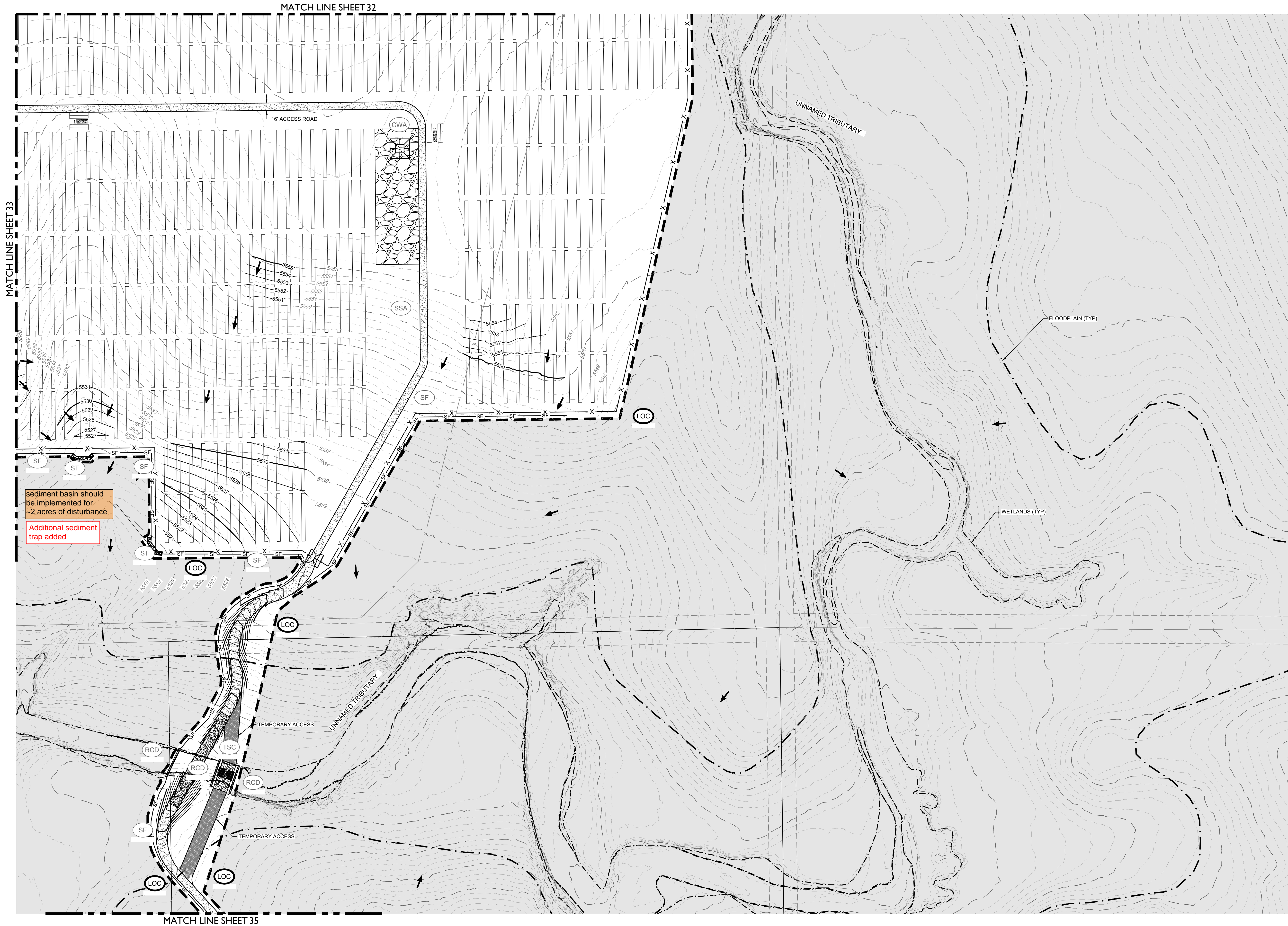
**CORE**

LAND DEVELOPMENT  
ENERGY  
PUBLIC INFRASTRUCTURE









**LEGEND**

5280	PROPOSED MAJOR CONTOUR
5279	PROPOSED MINOR CONTOUR
5280	EXISTING MAJOR CONTOUR
5279	EXISTING MINOR CONTOUR
---	PHASE BOUNDARY
[Symbol]	RCD REINFORCED CHECK DAM
[Symbol]	CWA CONCRETE WASHOUT AREA
[Symbol]	DD DIVERSION DITCH
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[Symbol]	SOL SEDIMENT CONTROL LOG
[Symbol]	SM SEEDING
[Symbol]	SF SILT FENCE
[Symbol]	SSA STABILIZED STAGING AREA
[Symbol]	ST SEDIMENT TRAP
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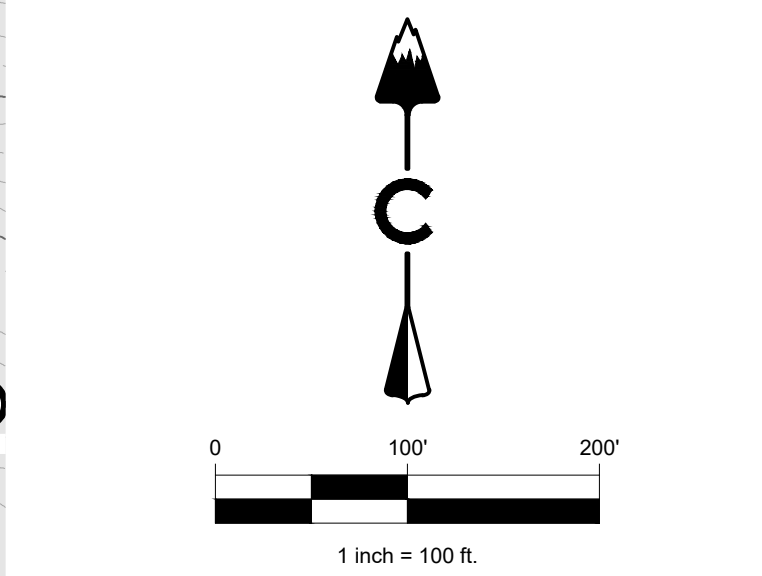
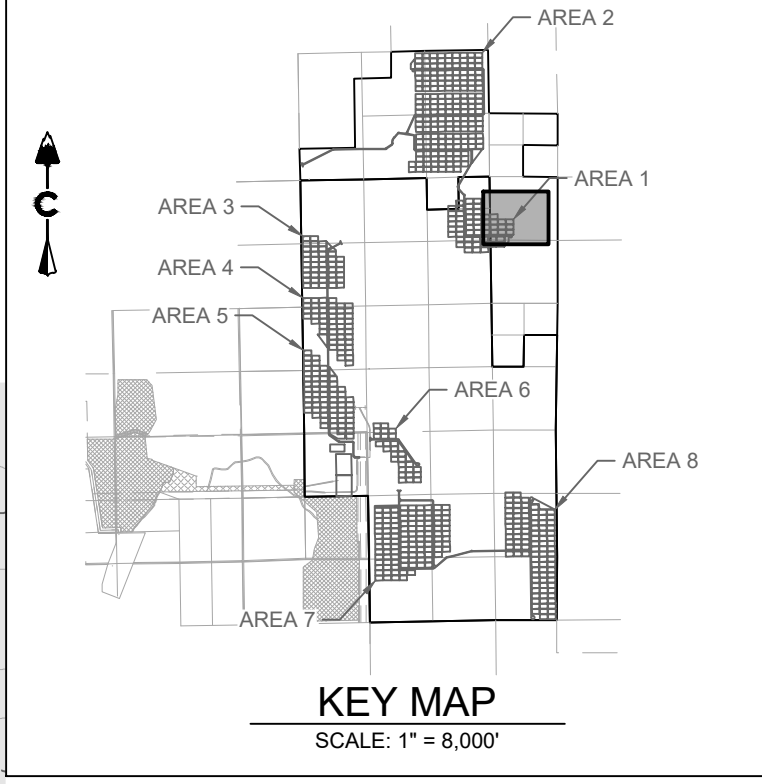
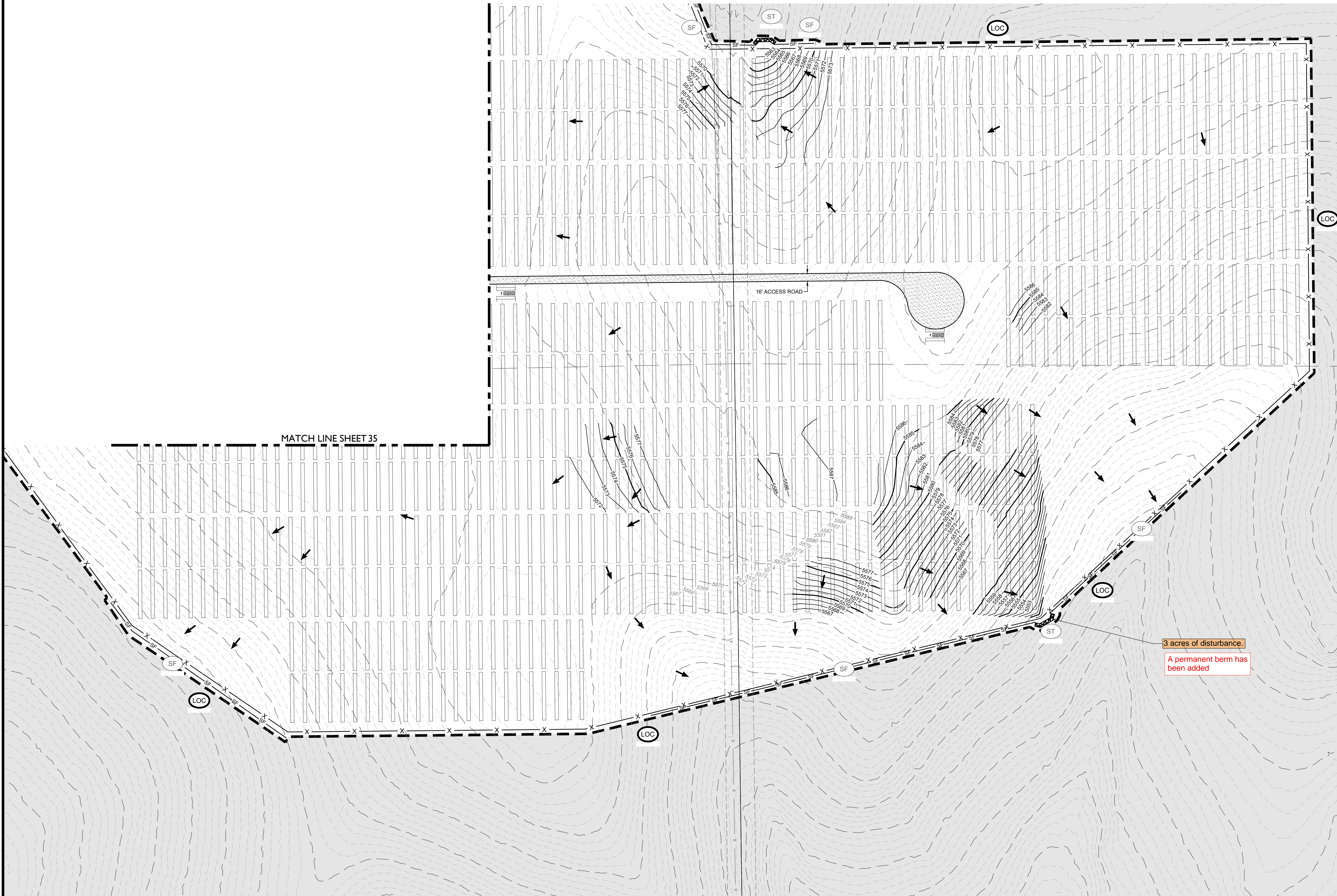
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**PIKE SOLAR**  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INTERIM (8 OF 24)

DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB

JOB NO.  
20-194  
SHEET  
34 OF 78





LEGEND			
	5280	PROPOSED MAJOR CONTOUR	
	5279	PROPOSED MINOR CONTOUR	
	5280	EXISTING MAJOR CONTOUR	
	5279	EXISTING MINOR CONTOUR	
		PHASE BOUNDARY	
	RC	REINFORCED CHECK DAM	
	CWA	CONCRETE WASHOUT AREA	
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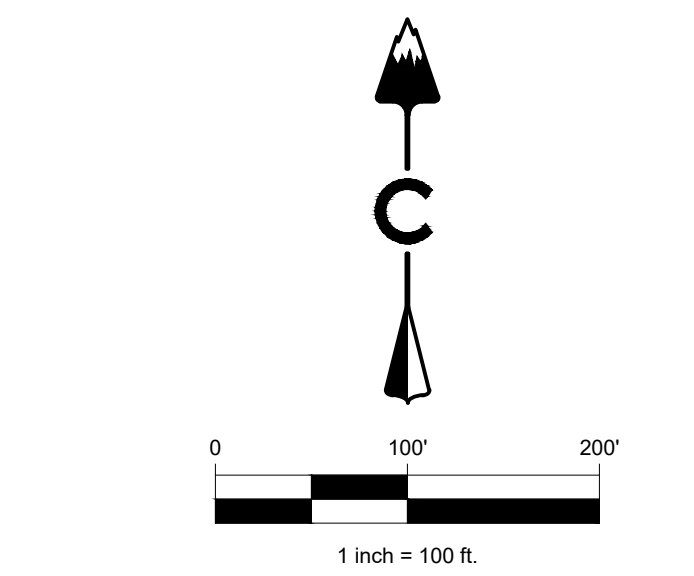
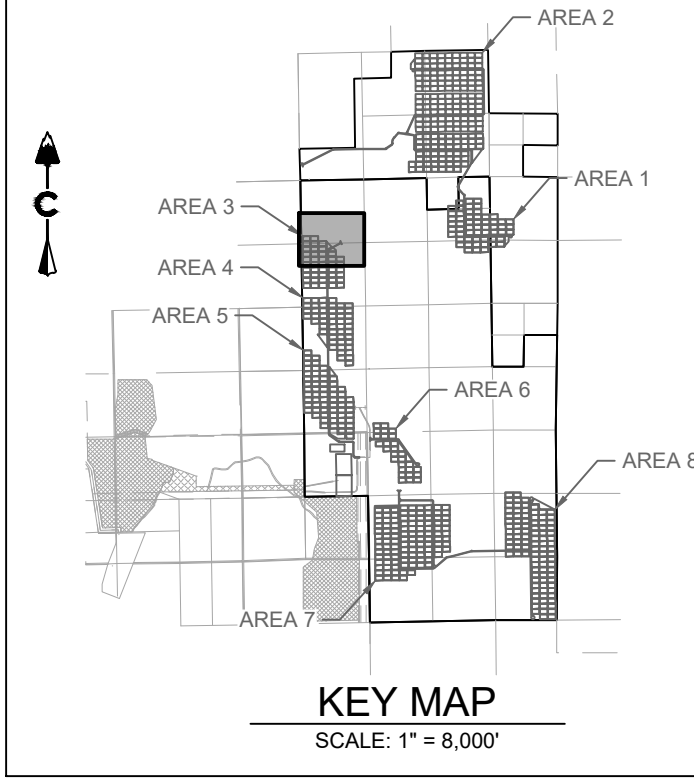
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PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INTERIM (10 OF 24)

DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB

JOB NO.  
20-194  
SHEET  
36 OF 78



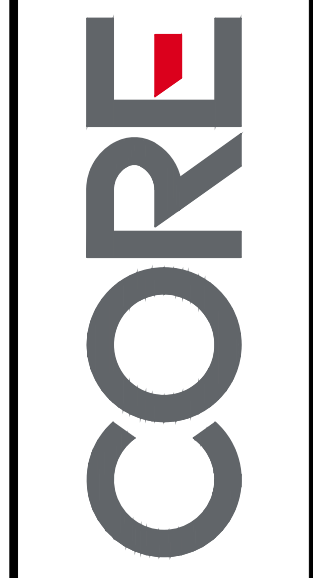


LEGEND			
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	5280	EXISTING MAJOR CONTOUR	
	5279	EXISTING MINOR CONTOUR	
		PHASE BOUNDARY	
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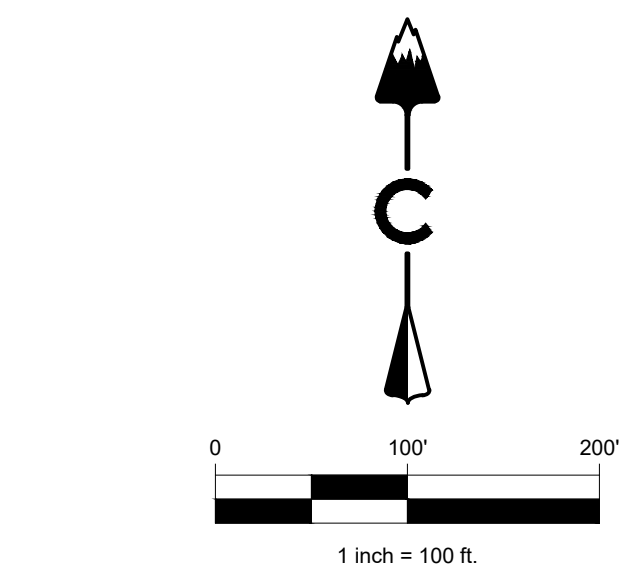
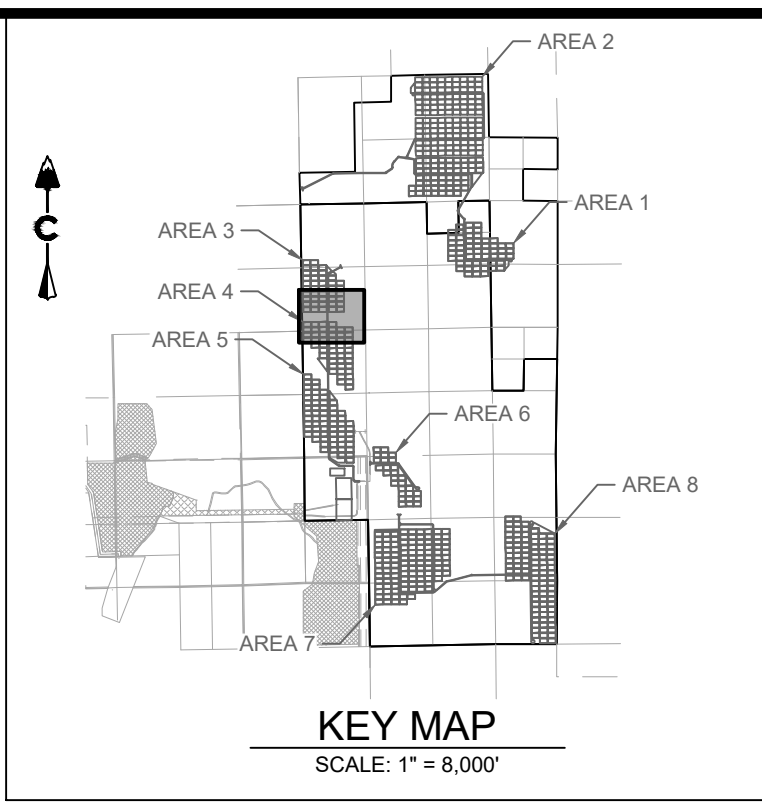
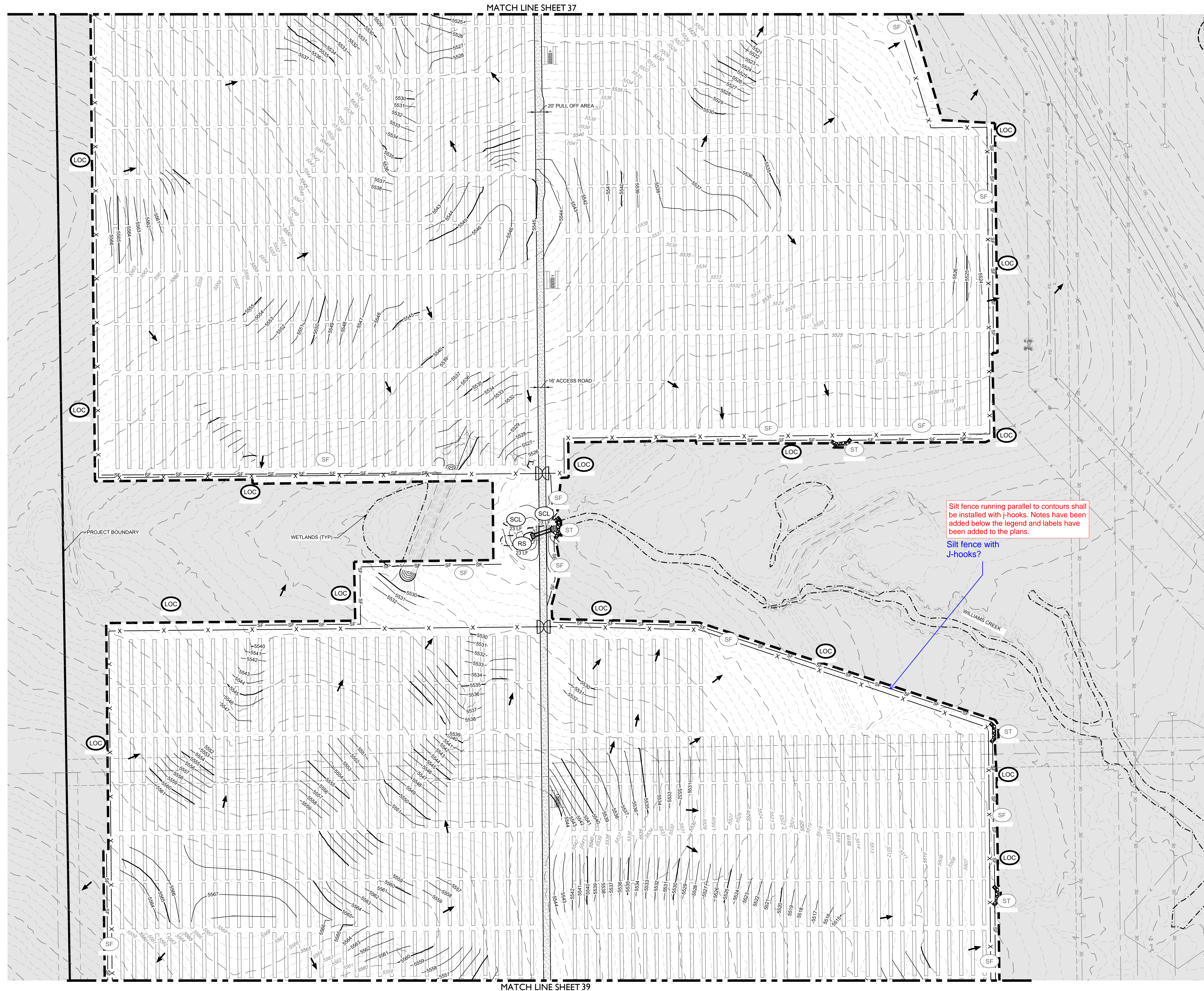
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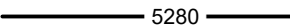
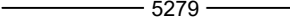
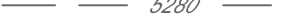




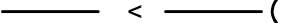



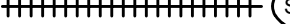

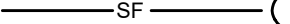




**PIKE SOLAR**  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INTERIM (11 OF 24)





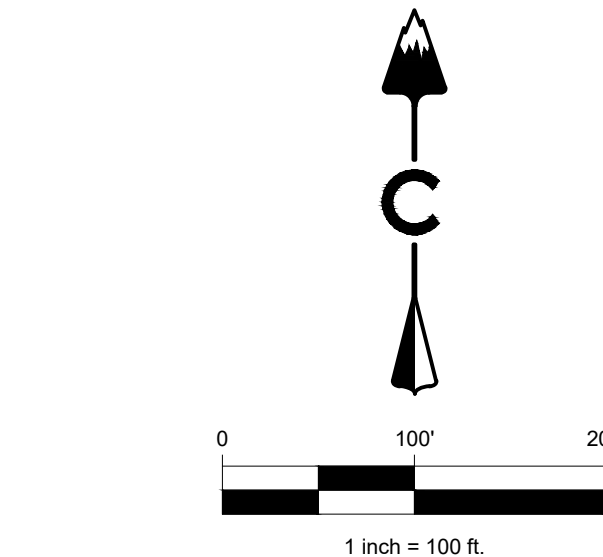
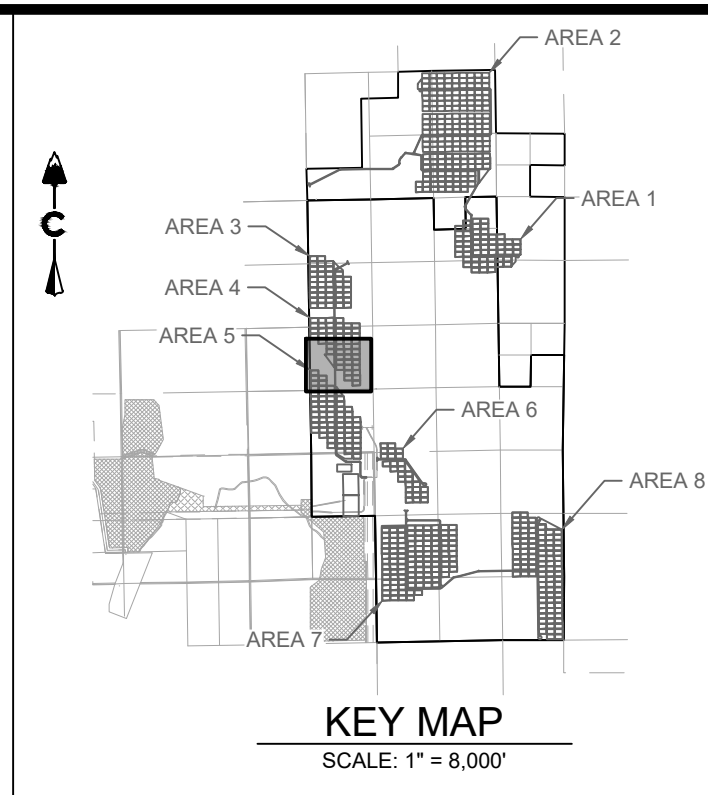


## LEGEND

	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PHASE BOUNDARY
 (RCD)	REINFORCED CHECK DAM
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**LEGEND**

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[Symbol]	IP INLET PROTECTION
[Symbol]	RC ROCK SOCK
[Symbol]	SB SEDIMENT BASIN
[Symbol]	SCL SEDIMENT CONTROL LOG
[Symbol]	SM SEEDING
[Symbol]	SF SILT FENCE
[Symbol]	SSA STABILIZED STAGING AREA
[Symbol]	ST SEDIMENT TRAP
[Symbol]	TSC TEMPORARY STREAM CROSSING
[Symbol]	VTC VEHICLE TRACKING CONTROL

- NOTES:**
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Know what's below.  
Call before you dig.  
**811**

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	02/25/21	DB
2	BID SET	04/07/21	DB
3	2ND SUBMITTAL	10/20/21	KR
4	SIGNATURE SET	02/04/22	RH

**PIKE SOLAR**  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INTERIM (13 OF 24)

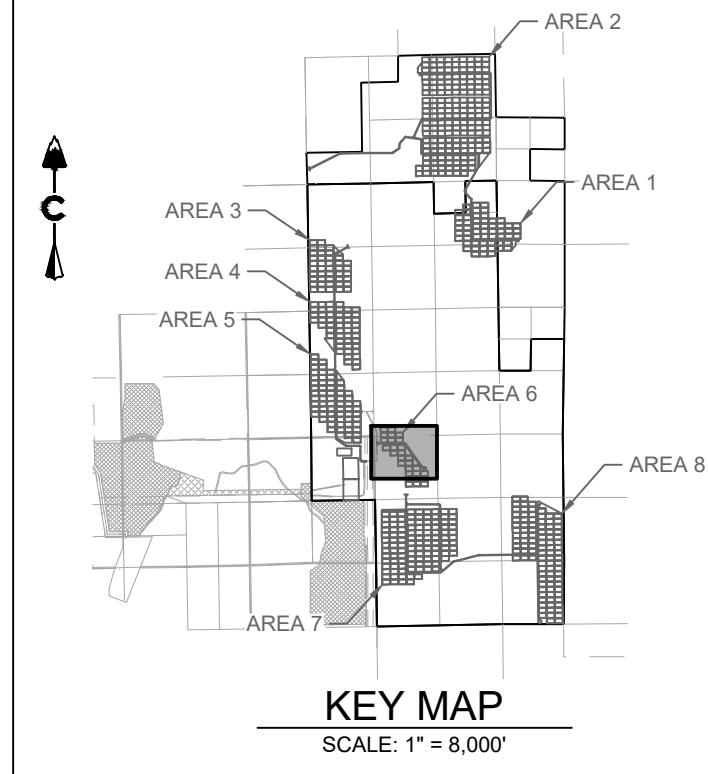
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JOB NO.  
20-194

SHEET  
39 OF 78



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#### LEGEND

5280	PROPOSED MAJOR CONTOUR
5279	PROPOSED MINOR CONTOUR
5280	EXISTING MAJOR CONTOUR
5279	EXISTING MINOR CONTOUR
---	PHASE BOUNDARY
[Symbol]	RCDA REINFORCED CHECK DAM
[Symbol]	CWA CONCRETE WASHOUT AREA
[Symbol]	DD DIVERSION DITCH
[Symbol]	IP INLET PROTECTION
[Symbol]	RC ROCK SOCK
[Symbol]	SB SEDIMENT BASIN
[Symbol]	SCL SEDIMENT CONTROL LOG
[Symbol]	SM SEEDING
[Symbol]	SF SILT FENCE
[Symbol]	SSA STABILIZED STAGING AREA
[Symbol]	ST SEDIMENT TRAP
[Symbol]	TSC TEMPORARY STREAM CROSSING
[Symbol]	VTC VEHICLE TRACKING CONTROL

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#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	02/25/21	DB
2	BID SET	04/07/21	DB
3	2ND SUBMITTAL	10/20/21	RB
4	SIGNATURE SET	02/04/22	RH

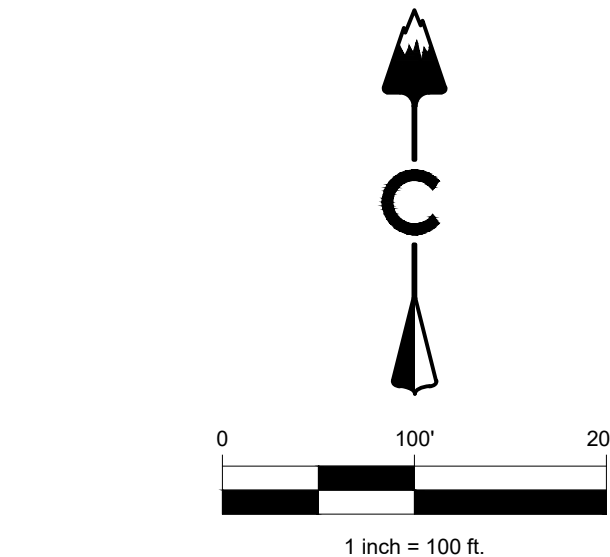
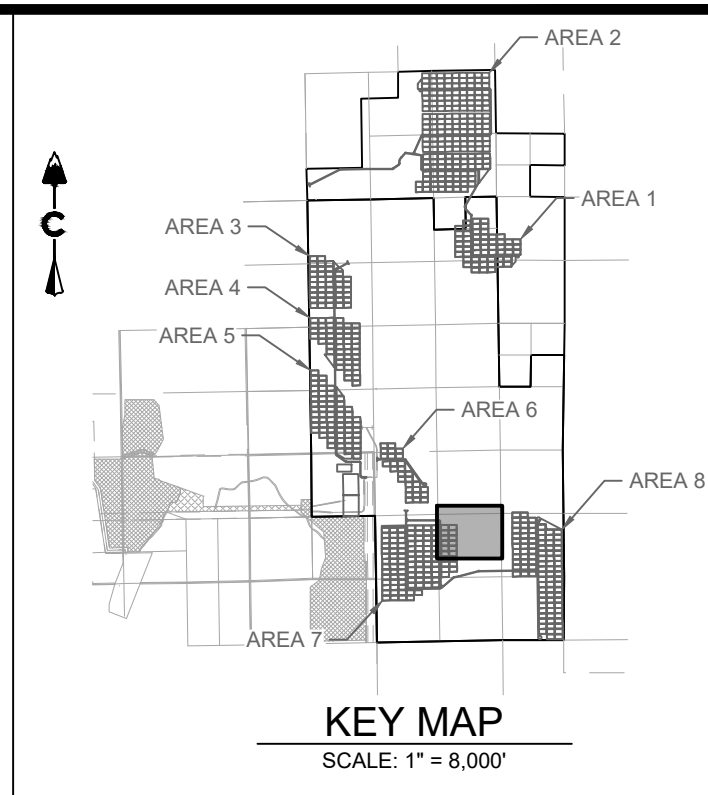
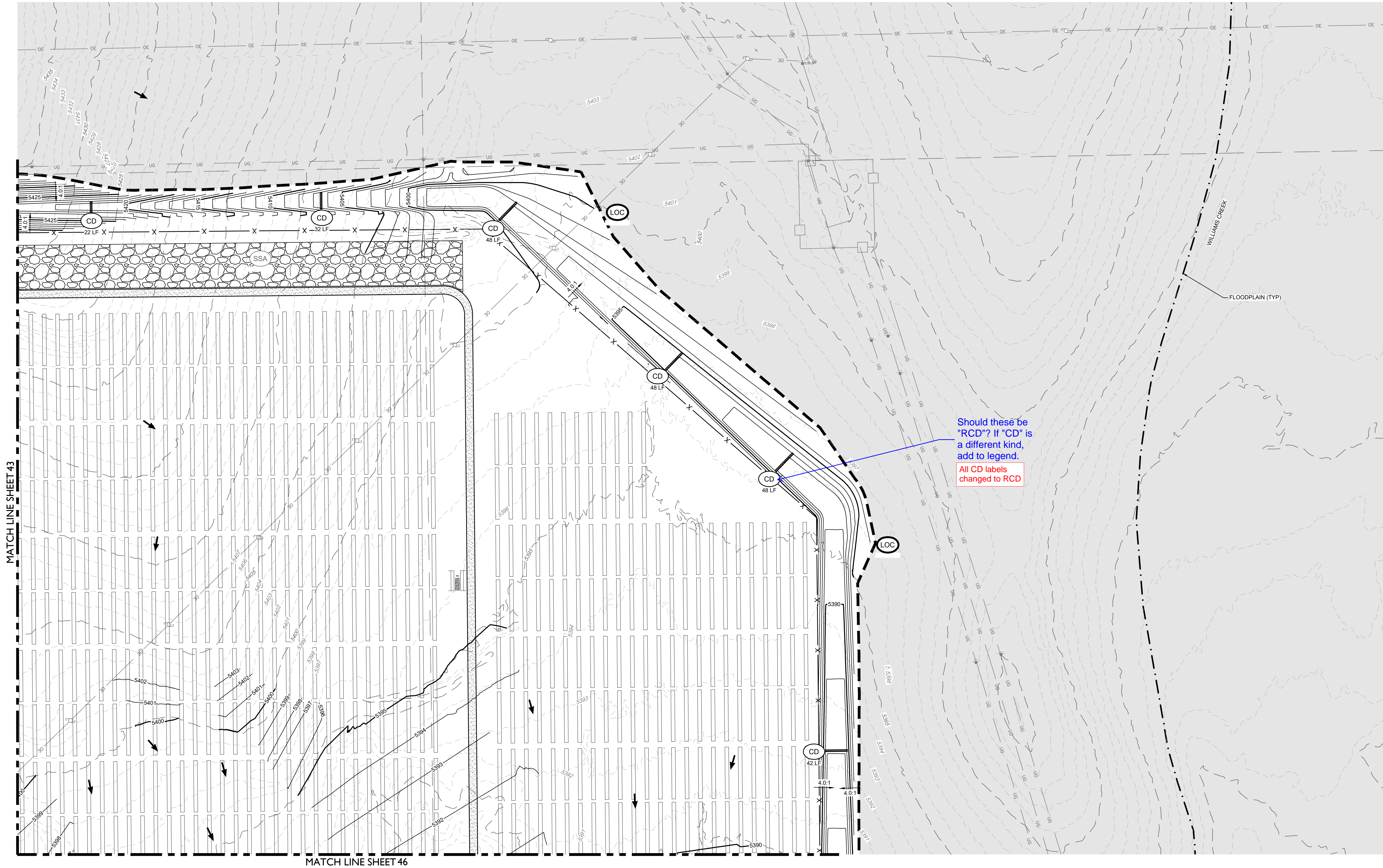
PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INTERIM (16 OF 24)

DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB

JOB NO.  
20-194  
SHEET  
42 OF 78

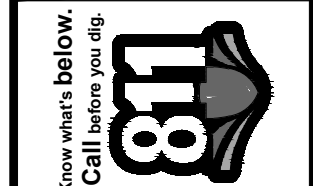
MATCH LINE SHEET 43





LEGEND			
	5280	PROPOSED MAJOR CONTOUR	
	5279	PROPOSED MINOR CONTOUR	
	5280	EXISTING MAJOR CONTOUR	
	5279	EXISTING MINOR CONTOUR	
		PHASE BOUNDARY	
	RCD	REINFORCED CHECK DAM	
	CWA	CONCRETE WASHOUT AREA	
	DD	DIVERSION DITCH	
	IP	INLET PROTECTION	
	RC	ROCK SOCK	
	SB	SEDIMENT BASIN	
	SCL	SEDIMENT CONTROL LOG	
	SM	SEEDING	
	SF	SILT FENCE	
	SSA	STABILIZED STAGING AREA	
	ST	SEDIMENT TRAP	
	TSC	TEMPORARY STREAM CROSSING	
	VTC	VEHICLE TRACKING CONTROL	

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**PIKE SOLAR**  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INTERIM (18 OF 24)

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DRAWN BY: SD  
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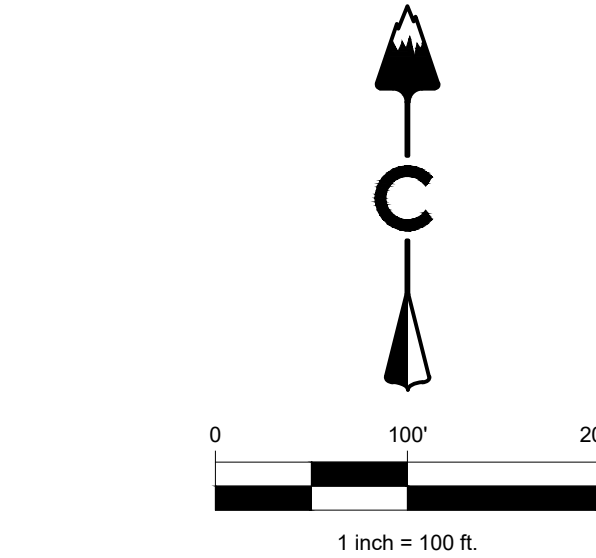
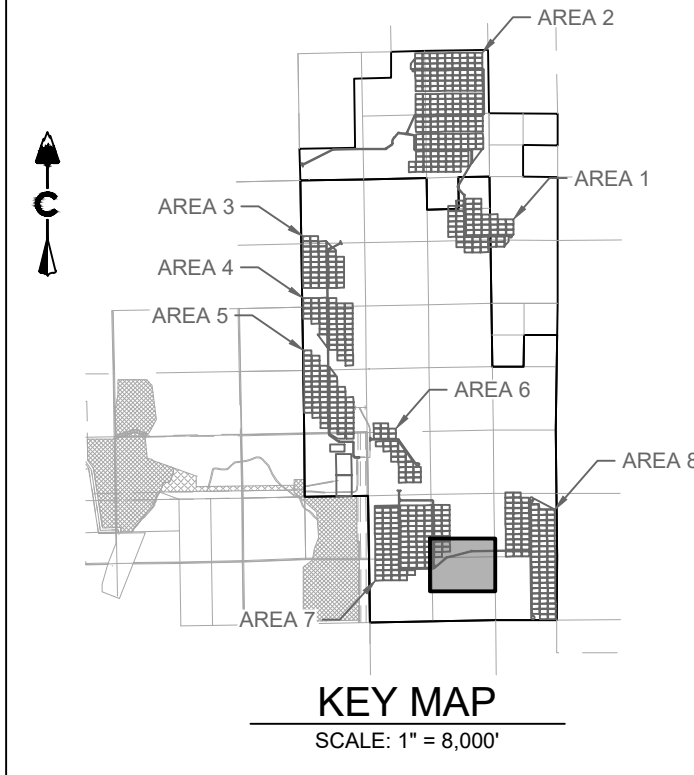
JOB NO.  
20-194  
SHEET  
44 OF 78



24/2022 1:18 PM X:\30-164 PIKE SOLAR\CIVIL\CADD\PLANS\PLING\UGESC\GESC PLANS-3- INTERIM.DWG



consider using a  
sediment basin here  
Sediment basin added

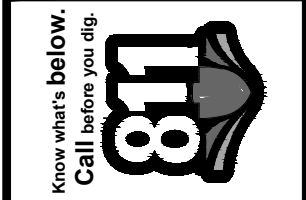


LEGEND

- |          |                               |
|----------|-------------------------------|
| 5280     | PROPOSED MAJOR CONTOUR        |
| 5279     | PROPOSED MINOR CONTOUR        |
| 5280     | EXISTING MAJOR CONTOUR        |
| 5279     | EXISTING MINOR CONTOUR        |
| ---      | PHASE BOUNDARY                |
| [Symbol] | RCD REINFORCED CHECK DAM      |
| [Symbol] | CWA CONCRETE WASHOUT AREA     |
| [Symbol] | DD DIVERSION DITCH            |
| [Symbol] | IP INLET PROTECTION           |
| [Symbol] | RC ROCK SOCK                  |
| [Symbol] | SB SEDIMENT BASIN             |
| [Symbol] | SCL SEDIMENT CONTROL LOG      |
| [Symbol] | SM SEEDING                    |
| [Symbol] | SF SILT FENCE                 |
| [Symbol] | SSA STABILIZED STAGING AREA   |
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PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INTERIM (20 OF 24)

DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB

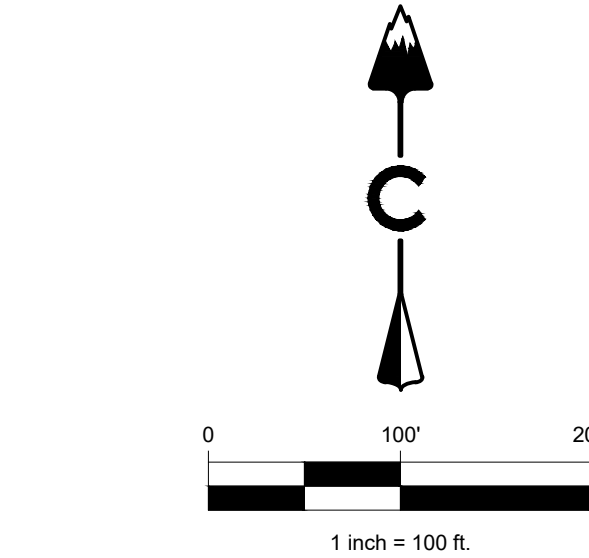
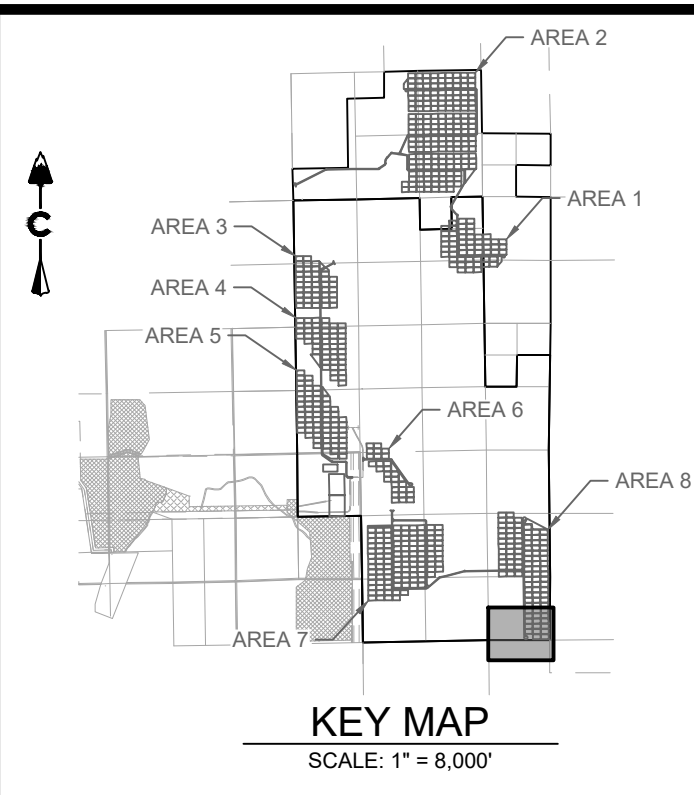
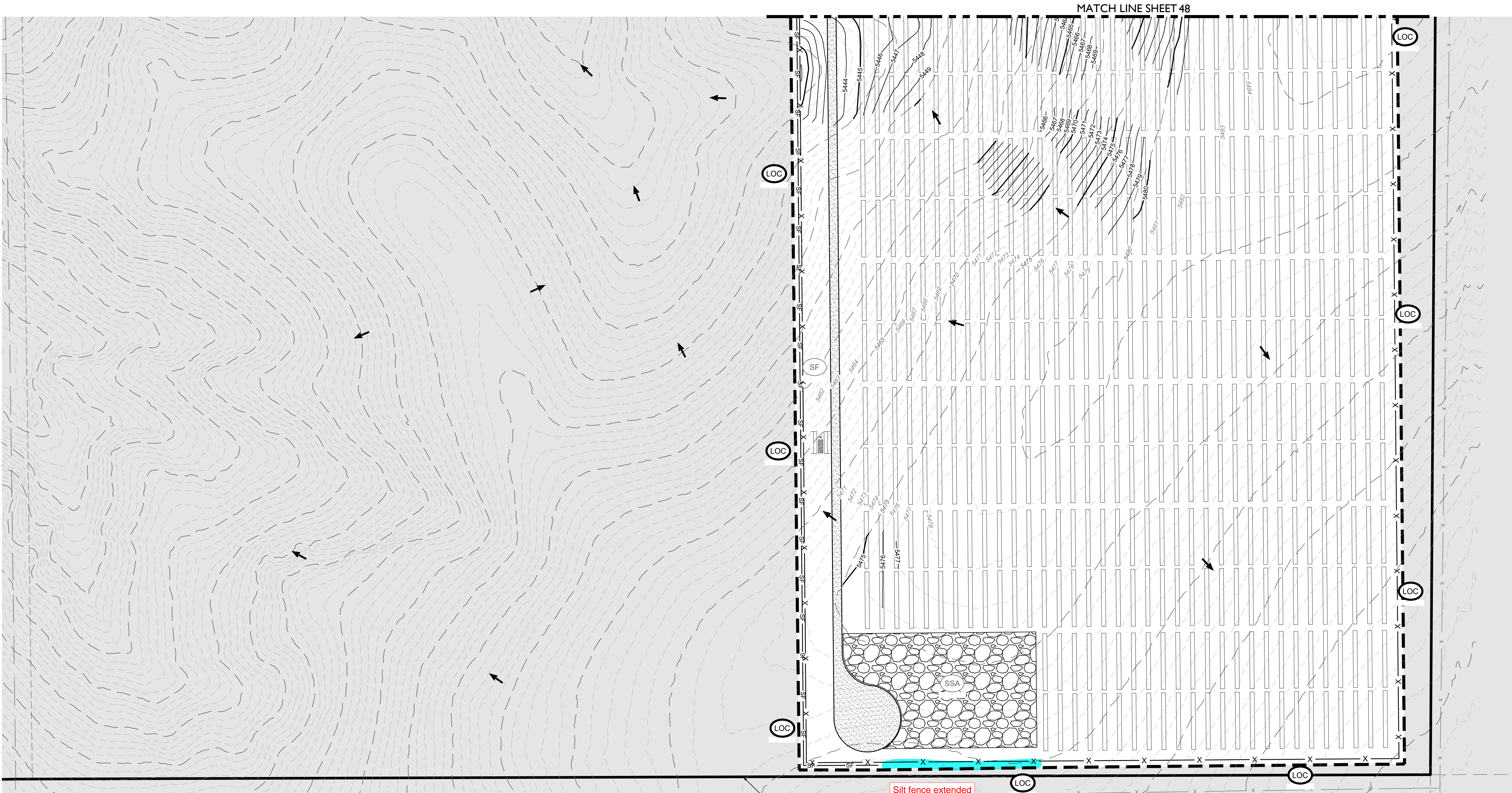
JOB NO.  
20-194  
SHEET  
46 OF 78

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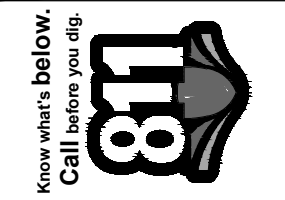


LEGEND

5280	PROPOSED MAJOR CONTOUR
5279	PROPOSED MINOR CONTOUR
5280	EXISTING MAJOR CONTOUR
5279	EXISTING MINOR CONTOUR
---	PHASE BOUNDARY
	(RCD) REINFORCED CHECK DAM
	(CWA) CONCRETE WASHOUT AREA
	(DD) DIVERSION DITCH
	(IP) INLET PROTECTION
	(RC) ROCK SOCK
	(SB) SEDIMENT BASIN
	(SCL) SEDIMENT CONTROL LOG
	(SM) SEEDING
	(SF) SILT FENCE
	(SSA) STABILIZED STAGING AREA
	(ST) SEDIMENT TRAP
	(TSC) TEMPORARY STREAM CROSSING
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4	SIGNATURE SET	02/04/22	RH

PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
INTERIM (23 OF 24)

DESIGNED BY: BB  
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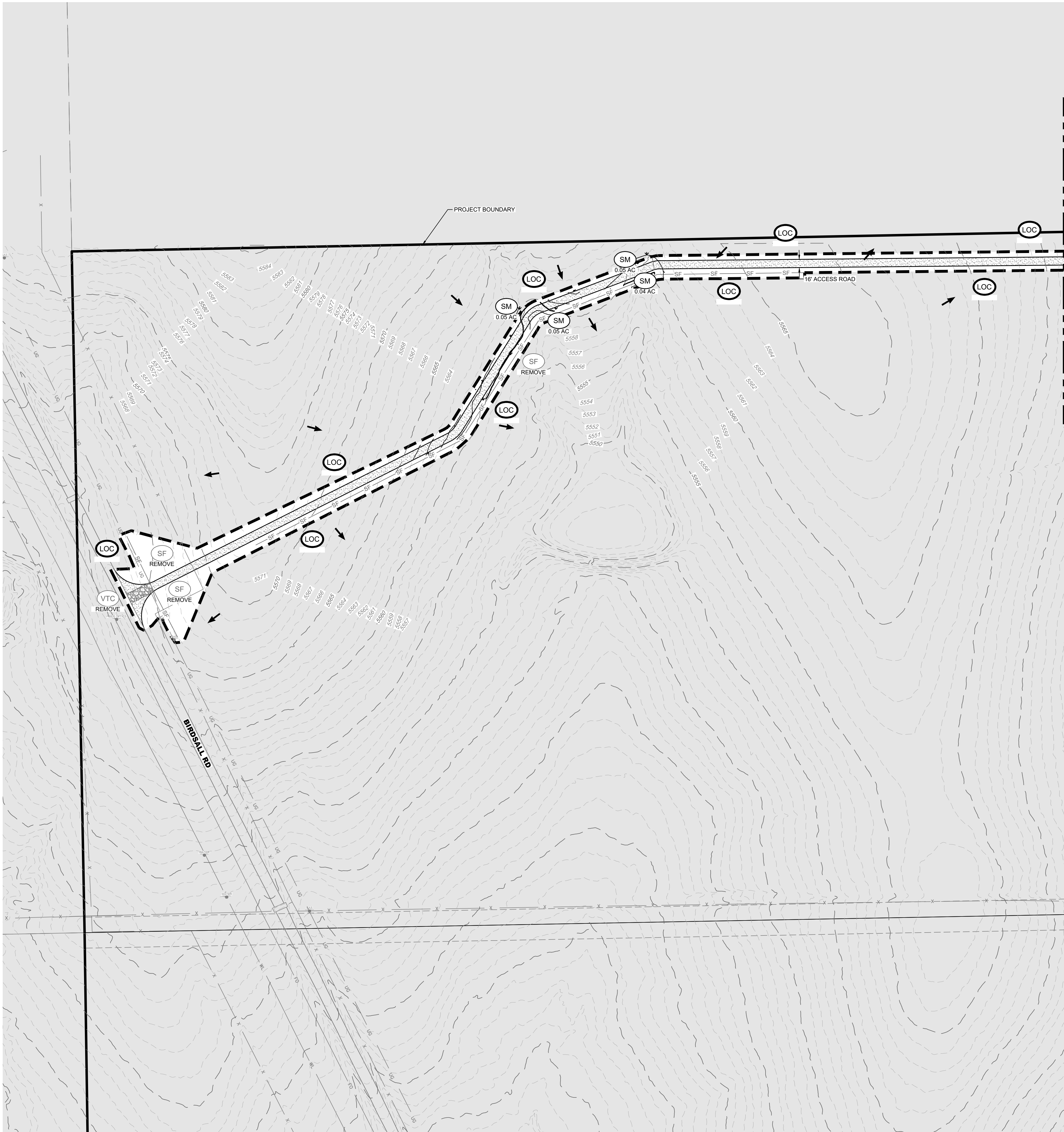
JOB NO.  
20-194  
SHEET  
49 OF 78

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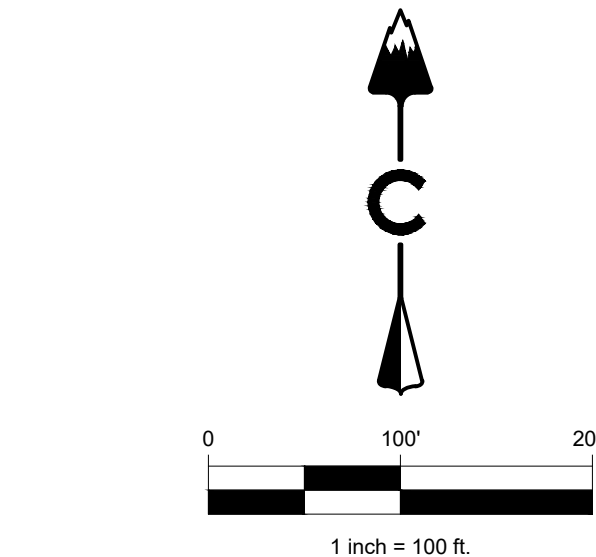
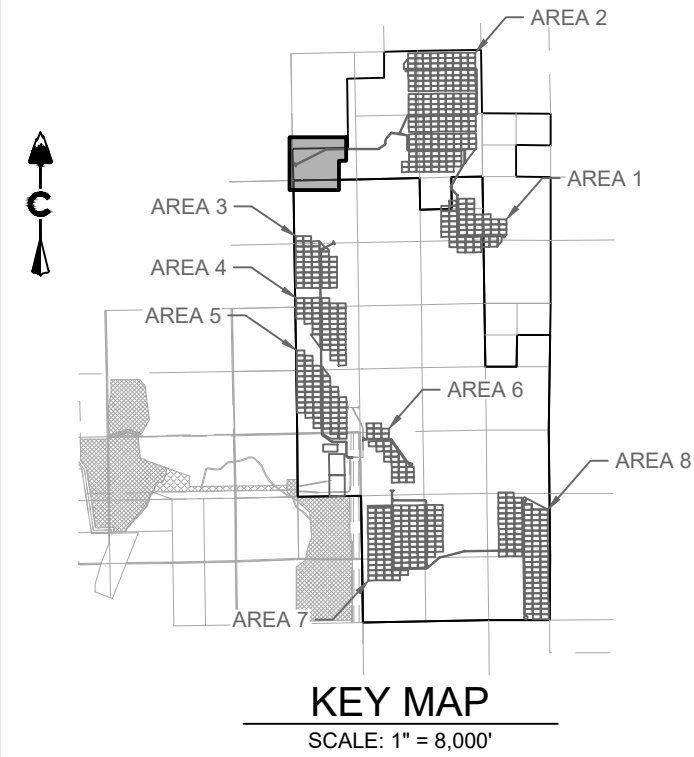
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ENERGY  
PUBLIC INFRASTRUCTURE

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GEC Checklist Item bb. Show all RPA to remain undeveloped (see Drainage Report comments for additional information).



#### LEGEND

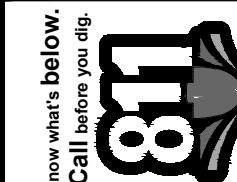
5280	PROPOSED MAJOR CONTOUR
5279	PROPOSED MINOR CONTOUR
5280	EXISTING MAJOR CONTOUR
5279	EXISTING MINOR CONTOUR
---	PHASE BOUNDARY
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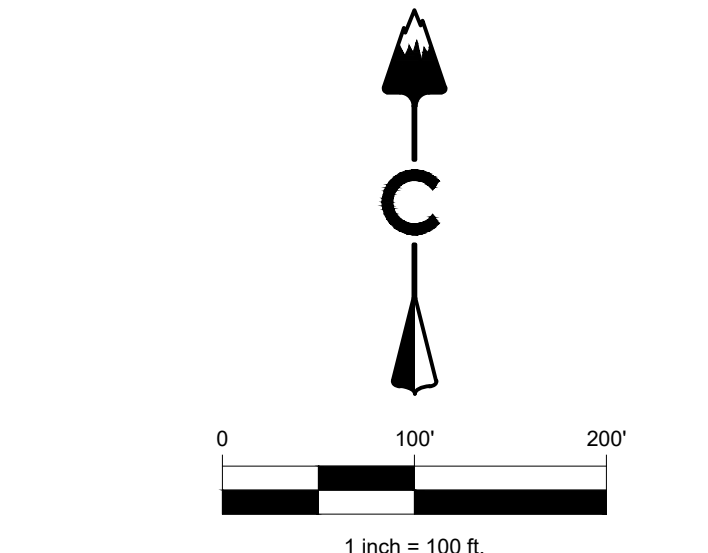
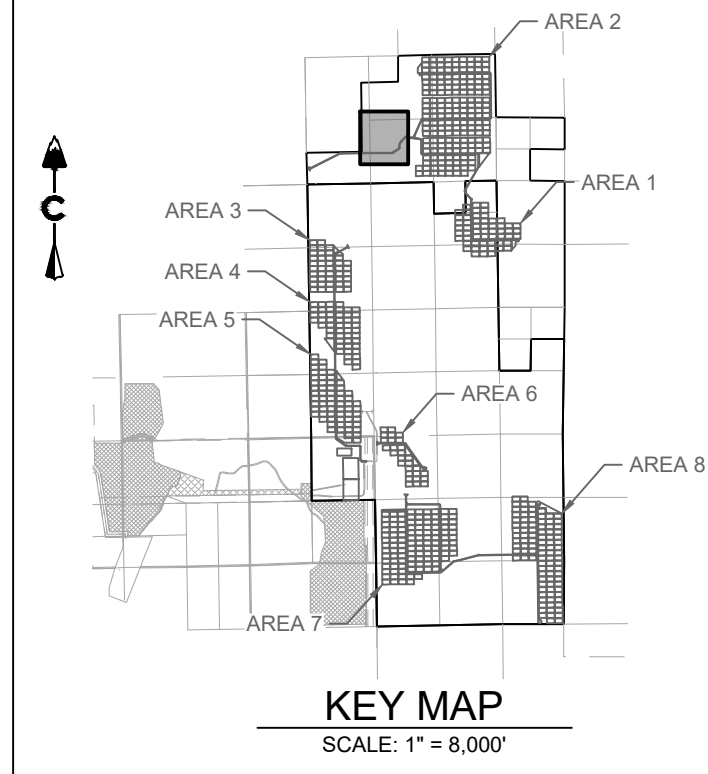
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PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
FINAL (1 OF 24)

DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB

JOB NO.  
20-194  
SHEET  
51 OF 78



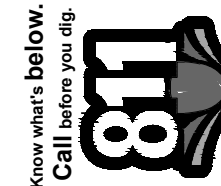


LEGEND			
5280	PROPOSED MAJOR CONTOUR		
5279	PROPOSED MINOR CONTOUR		
5280	EXISTING MAJOR CONTOUR		
5279	EXISTING MINOR CONTOUR		
	PHASE BOUNDARY		
	RCD	REINFORCED CHECK DAM	
	CWA	CONCRETE WASHOUT AREA	
	DD	DIVERSION DITCH	
	IP	INLET PROTECTION	
	RC	ROCK SOCK	
	SB	SEDIMENT BASIN	
	SOL	SEDIMENT CONTROL LOG	
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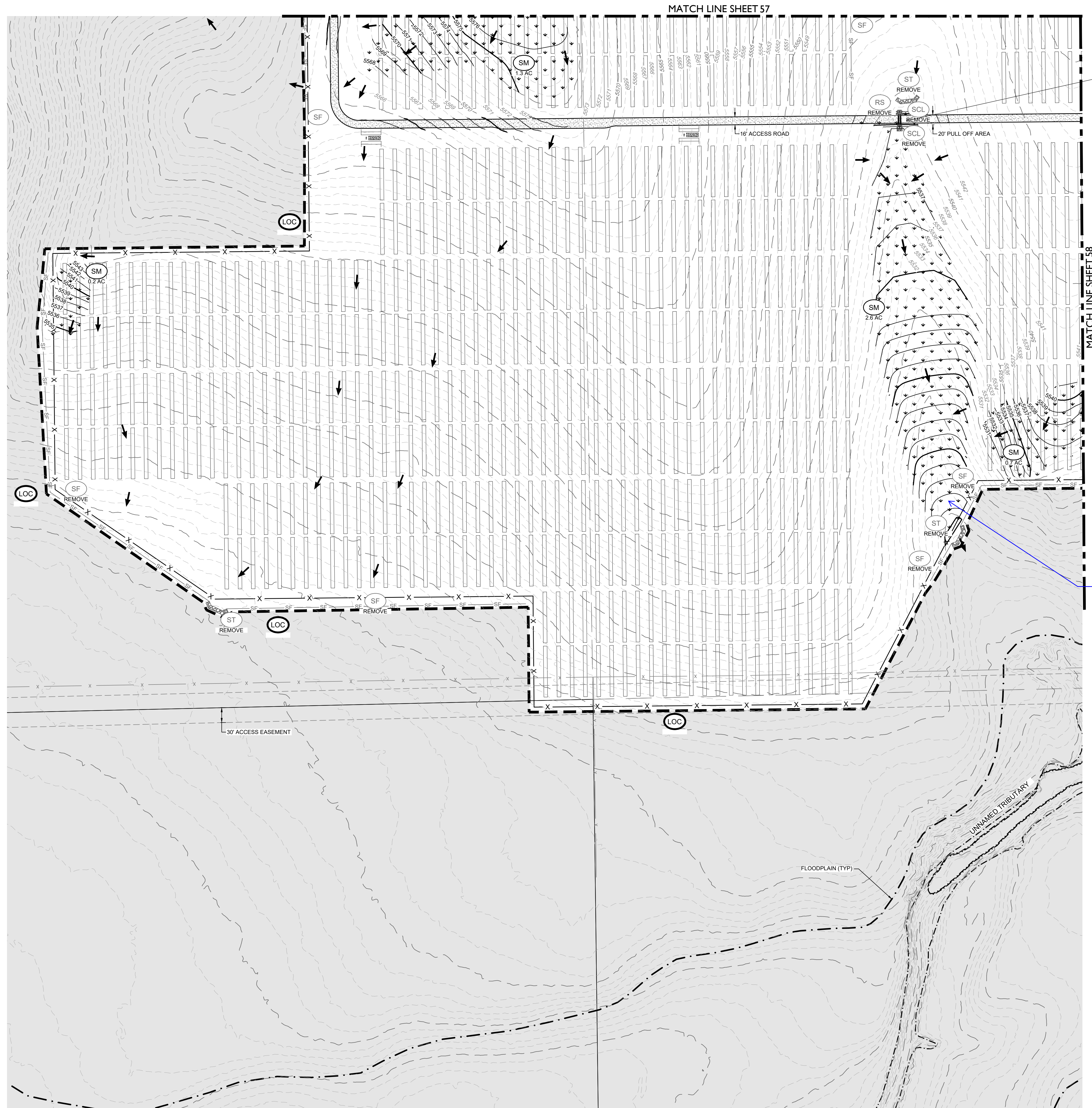
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PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
FINAL (2 OF 24)

DESIGNED BY: BB  
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CHECKED BY: DB

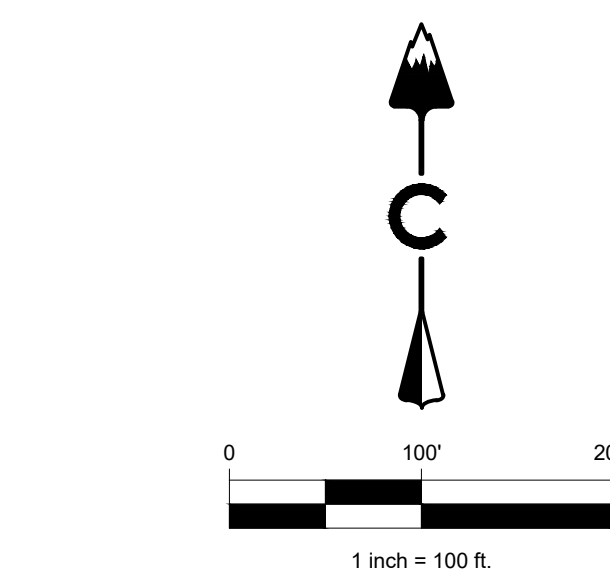
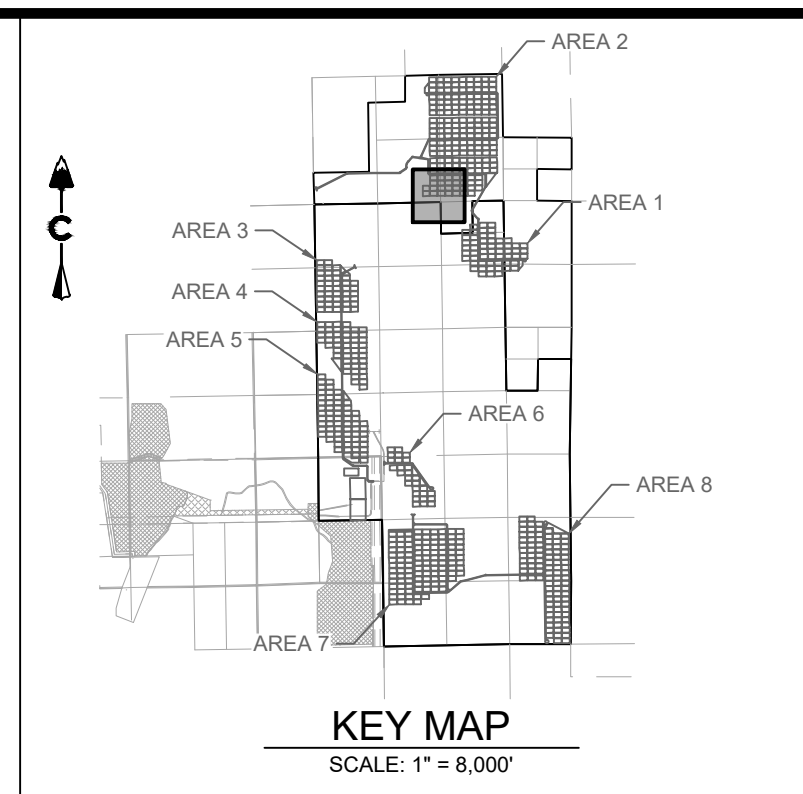
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20-194  
SHEET  
52 OF 78



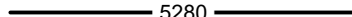
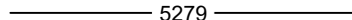









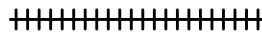
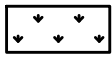







Include pipe size, length, quantity, material type & information regarding permanent inlet and/or outlet protection dimensions, riprap gradation, etc. (typical)

Pipe labels added



## LEGEND

	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PHASE BOUNDARY
 (RCD)	REINFORCED CHECK DAM
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- RCDs may be recommended here

RCD's added

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**PIKE SOLAR**  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
FINAL (7 OF 24)

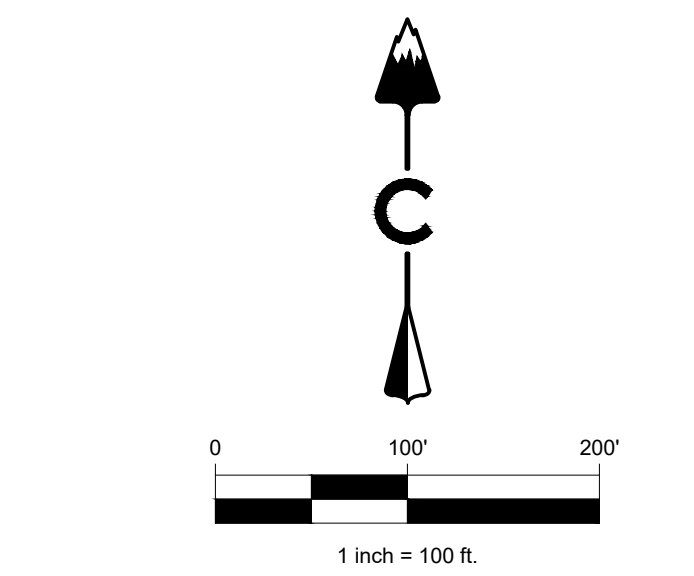
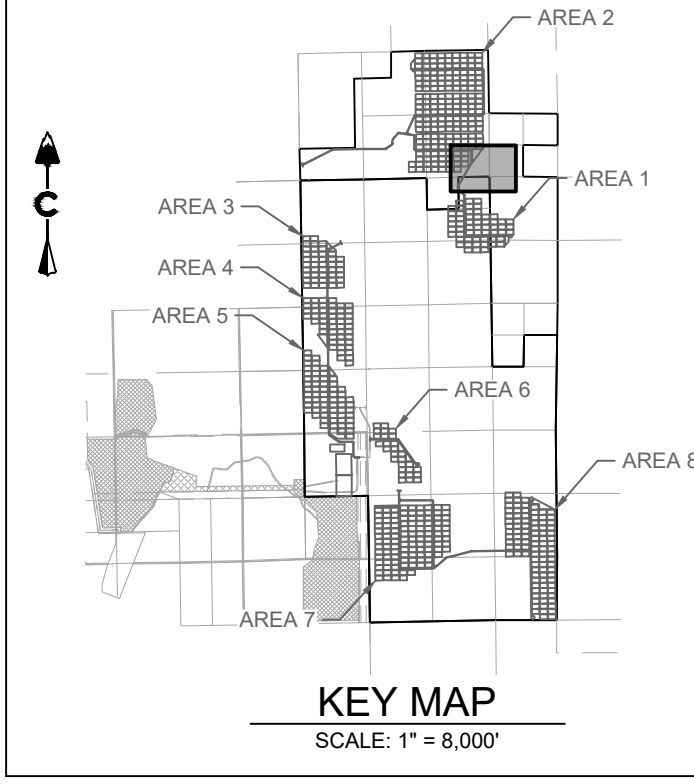
DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB

JOB NO.  
20-194

SHEET  
57 OF 78



2/4/2022 1:33 PM X:\03-194 PIKE SOLAR\CIVIL\CADD\PLANS\ELING\UGESC\GEC PLAN-1.FINAL.DWG



LEGEND			
5280	PROPOSED MAJOR CONTOUR		
5279	PROPOSED MINOR CONTOUR		
5280	EXISTING MAJOR CONTOUR		
5279	EXISTING MINOR CONTOUR		
- - -	PHASE BOUNDARY		
[Symbol]	RCD	REINFORCED CHECK DAM	
[Symbol]	CWA	CONCRETE WASHOUT AREA	
[Symbol]	DD	DIVERSION DITCH	
[Symbol]	IP	INLET PROTECTION	
[Symbol]	RC	ROCK SOCK	
[Symbol]	SB	SEDIMENT BASIN	
[Symbol]	SCL	SEDIMENT CONTROL LOG	
[Symbol]	SM	SEEDING	
[Symbol]	SF	SILT FENCE	
[Symbol]	SSA	STABILIZED STAGING AREA	
[Symbol]	ST	SEDIMENT TRAP	
[Symbol]	TSC	TEMPORARY STREAM CROSSING	
[Symbol]	VTC	VEHICLE TRACKING CONTROL	

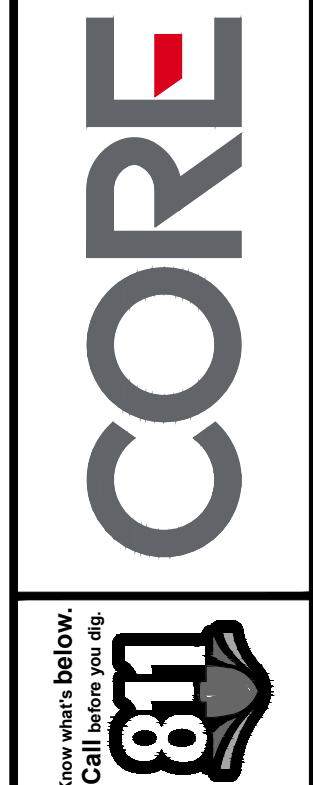
- NOTES:
- SEE COVER SHEET FOR EL PASO COUNTY GEC STANDARD NOTES.
  - SEE SHEETS 74-75 FOR EROSION CONTROL DETAILS.
  - SHADED CONTROL MEASURES WERE INSTALLED IN INITIAL OR INTERIM PLANS AND, UNLESS OTHERWISE INDICATED SHALL BE LEFT IN PLACE UNTIL REVEGETATION ESTABLISHMENT IS APPROVED BY THE CITY.
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REVISION		DATE	BY
#	DESCRIPTION		
1	1ST SUBMITTAL	02/25/21	DB
2	BID SET	04/07/21	DB
3	2ND SUBMITTAL	10/20/21	RB
4	SIGNATURE SET	02/04/22	RH

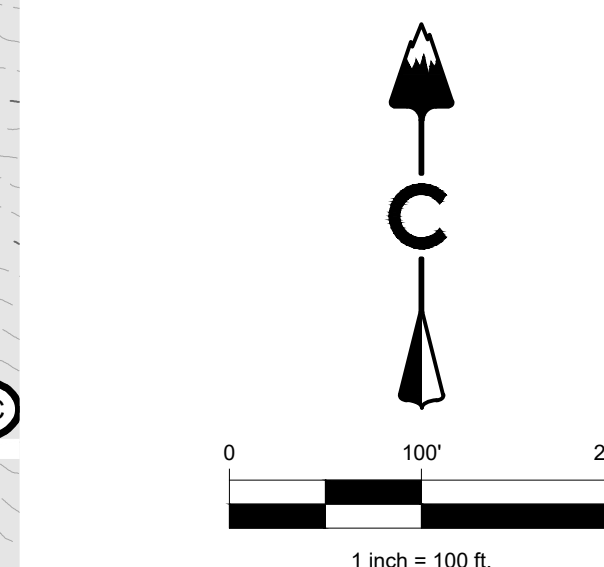
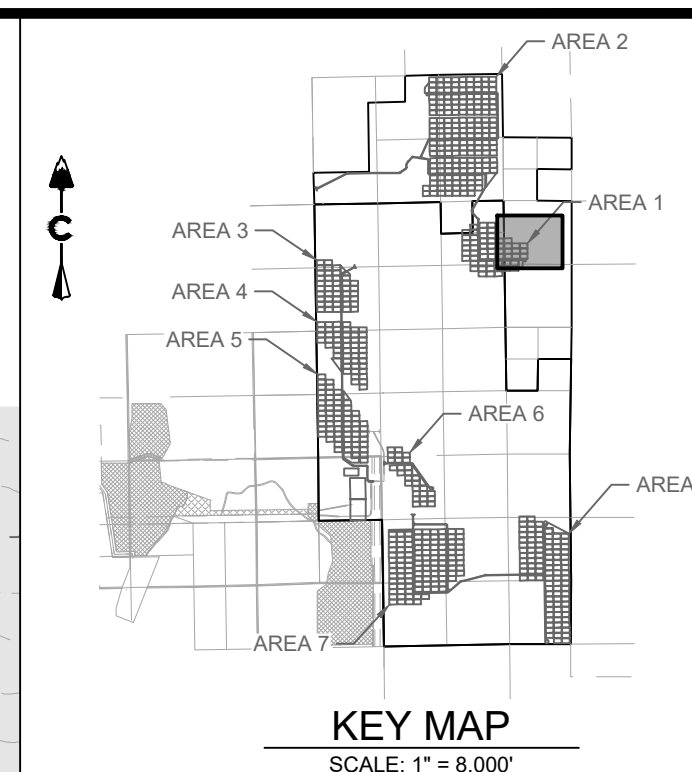
**PIKE SOLAR**  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
FINAL (8 OF 24)

DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB  
JOB NO.  
20-194  
SHEET  
58 OF 78











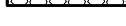







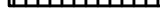





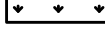





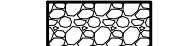





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## LEGEND

	5280		PROPOSED MAJOR CONTOUR
	5279		PROPOSED MINOR CONTOUR
	5280		EXISTING MAJOR CONTOUR
	5279		EXISTING MINOR CONTOUR
			PHASE BOUNDARY
			REINFORCED CHECK DAM
			CONCRETE WASHOUT AREA
	<		DIVERSION DITCH
			INLET PROTECTION
			ROCK SOCK
			SEDIMENT BASIN
			SEDIMENT LOCATION LOG
			SEEDING
	SF		SILT FENCE
			STABILIZED STAGING AREA
			SEDIMENT TRAP
			TEMPORARY STREAM CROSSING
			VEHICLE TRACKING CONTROL

NOTES:

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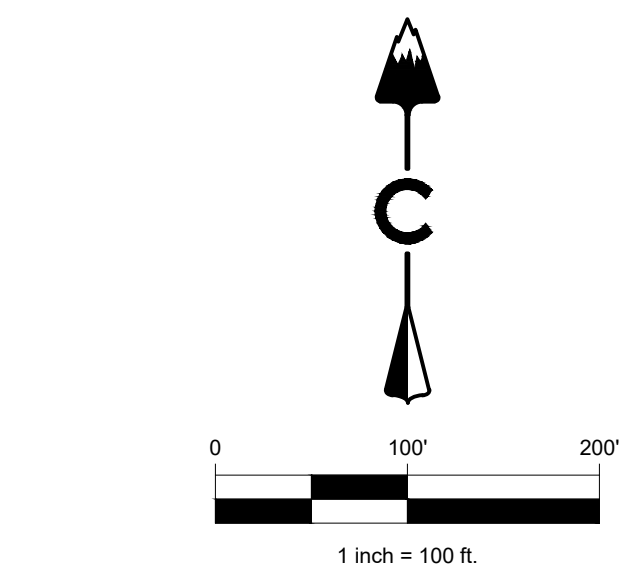
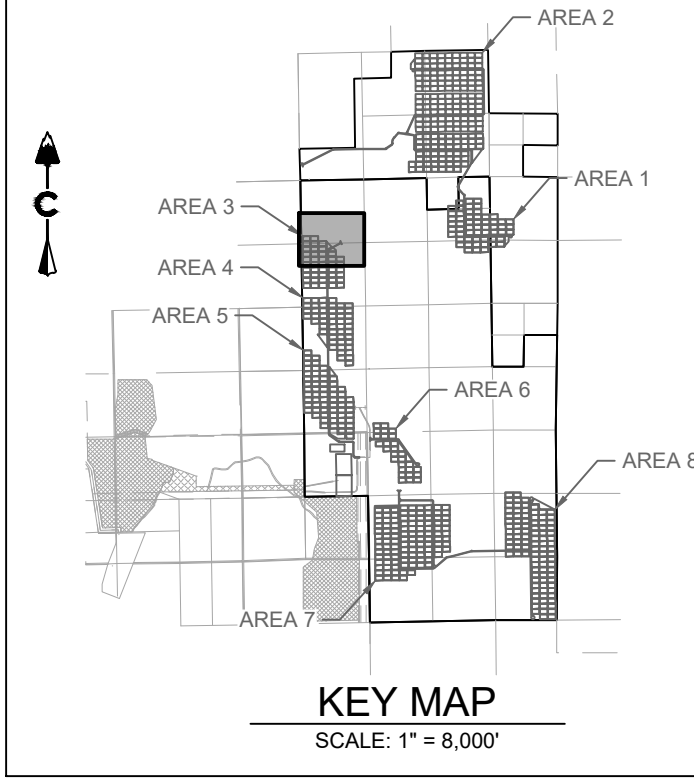
A permanent berm or other BMP may be recommended here

A permanent berm has been added

#	REVISION DESCRIPTION	DATE	BY
1	1ST SUBMITTAL	02/25/21	DB
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3	2ND SUBMITTAL	10/20/21	KR
4	SIGNATURE SET	02/04/22	RH

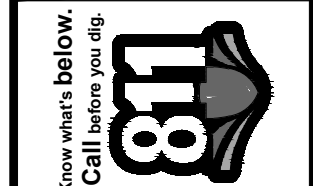


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LEGEND			
5280	PROPOSED MAJOR CONTOUR		
5279	PROPOSED MINOR CONTOUR		
5280	EXISTING MAJOR CONTOUR		
5279	EXISTING MINOR CONTOUR		
	PHASE BOUNDARY		
	RCD	REINFORCED CHECK DAM	
	CWA	CONCRETE WASHOUT AREA	
	DD	DIVERSION DITCH	
	IP	INLET PROTECTION	
	RC	ROCK SOCK	
	SB	SEDIMENT BASIN	
	SCL	SEDIMENT CONTROL LOG	
	SM	SEEDING	
	SF	SILT FENCE	
	SSA	STABILIZED STAGING AREA	
	ST	SEDIMENT TRAP	
	TSC	TEMPORARY STREAM CROSSING	
	VTC	VEHICLE TRACKING CONTROL	

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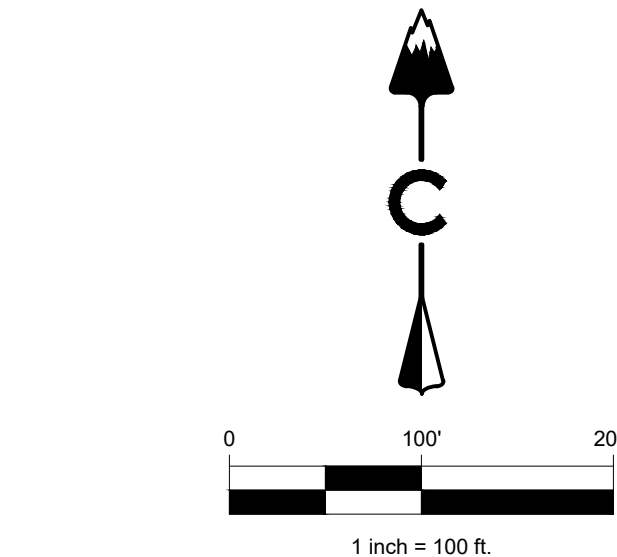
**PIKE SOLAR**  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
FINAL (11 OF 24)

DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB  
JOB NO.  
20-194  
SHEET  
61 OF 78

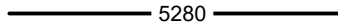
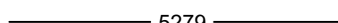






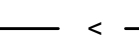




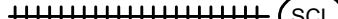

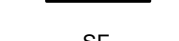


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### LEGEND

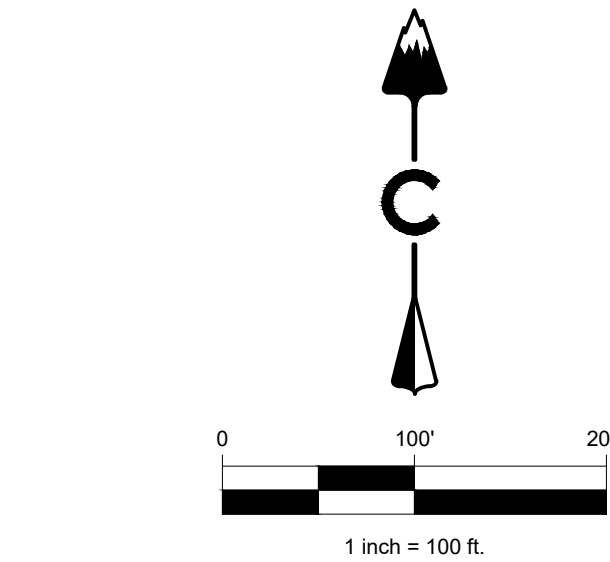
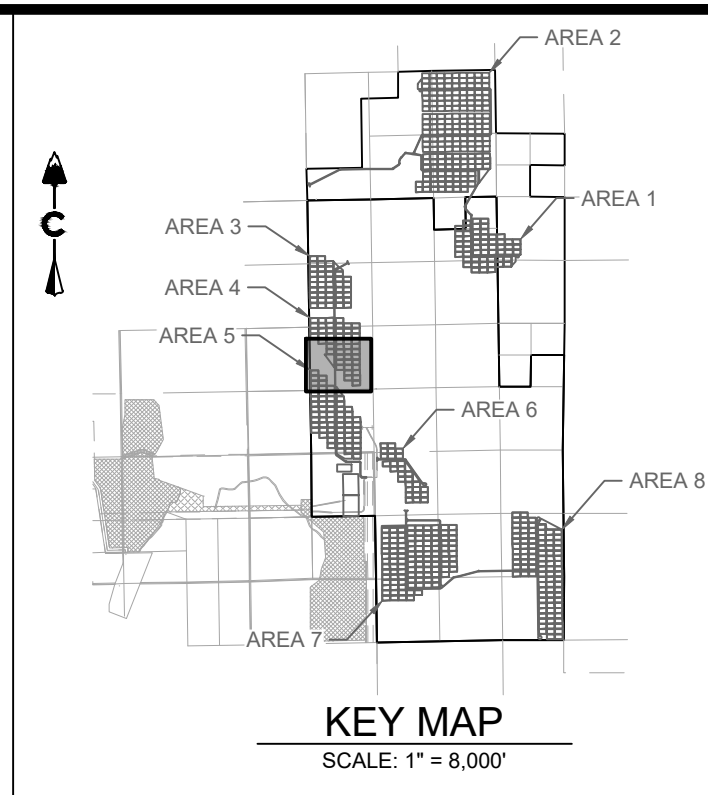
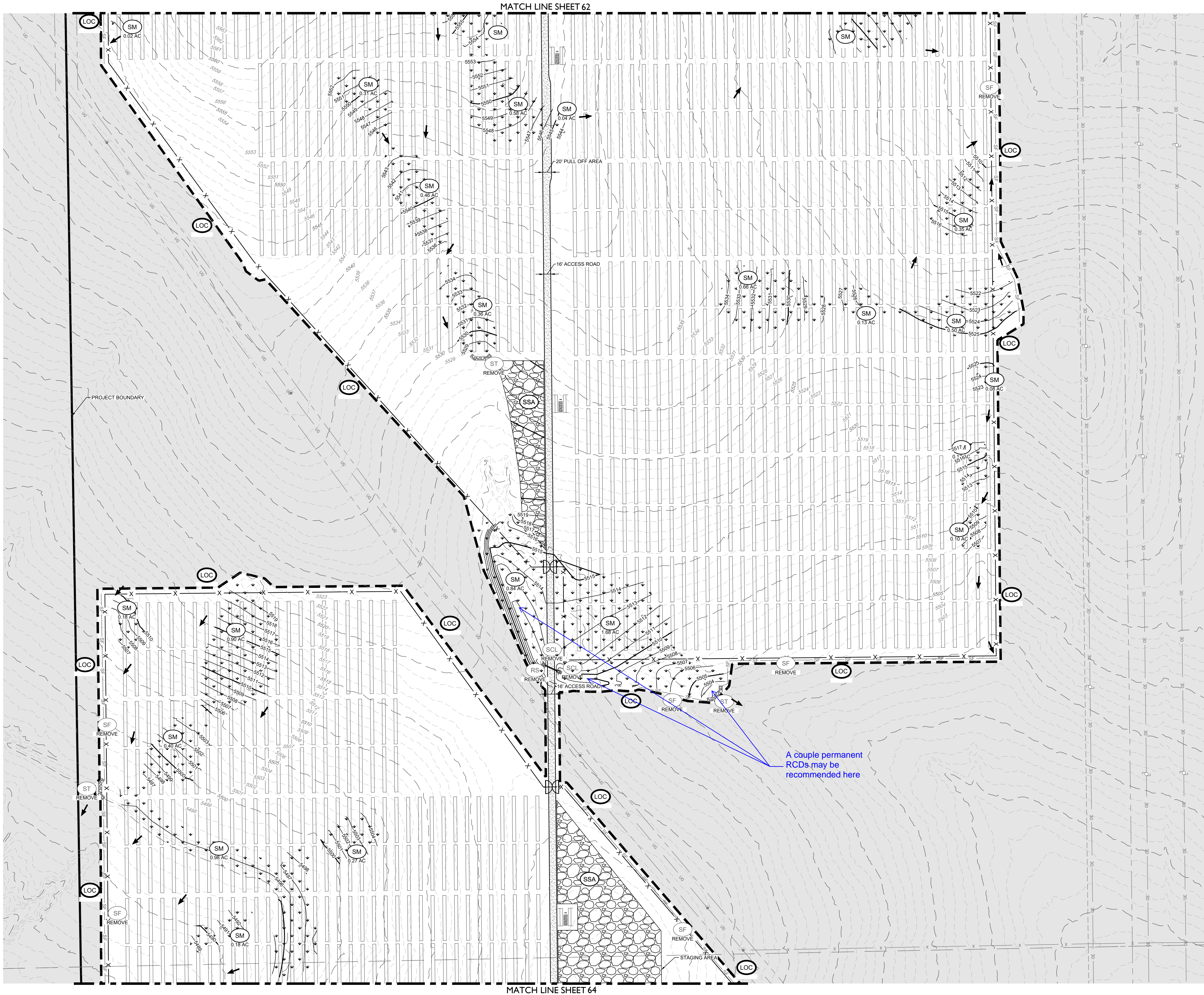
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PHASE BOUNDARY
	(RCD)
	(CWA)
	(DD)
	(IP)
	(RC)
	(SB)
	(SCL)
	(SM)
	(SF)
	(SSA)
	(ST)
	(TSC)
	(VTC)

NOTES:

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LEGEND

5280	PROPOSED MAJOR CONTOUR
5279	PROPOSED MINOR CONTOUR
5280	EXISTING MAJOR CONTOUR
5279	EXISTING MINOR CONTOUR
---	PHASE BOUNDARY
[Symbol]	RCD REINFORCED CHECK DAM
[Symbol]	CWA CONCRETE WASHOUT AREA
[Symbol]	DD DIVERSION DITCH
[Symbol]	IP INLET PROTECTION
[Symbol]	RC ROCK SOCK
[Symbol]	SB SEDIMENT BASIN
[Symbol]	SCL SEDIMENT CONTROL LOG
[Symbol]	SM SEEDING
[Symbol]	SF SILT FENCE
[Symbol]	SSA STABILIZED STAGING AREA
[Symbol]	ST SEDIMENT TRAP
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4	SIGNATURE SET	02/04/22	RH

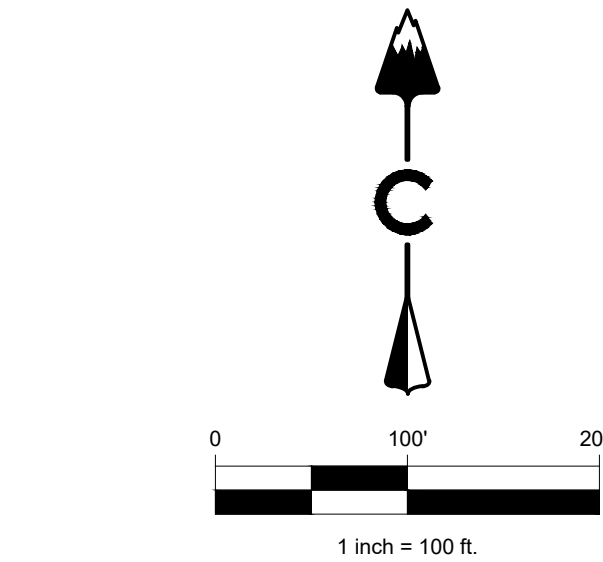
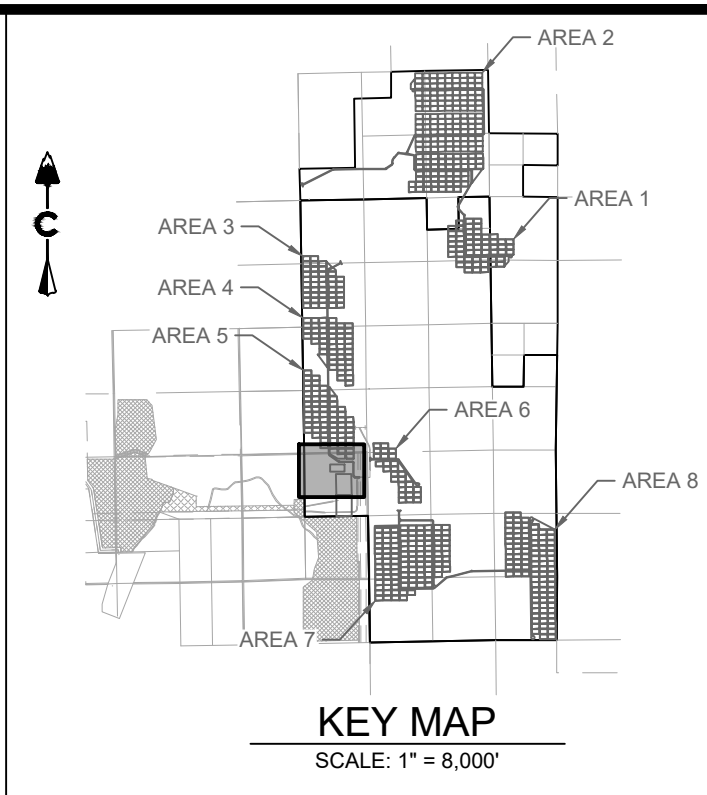
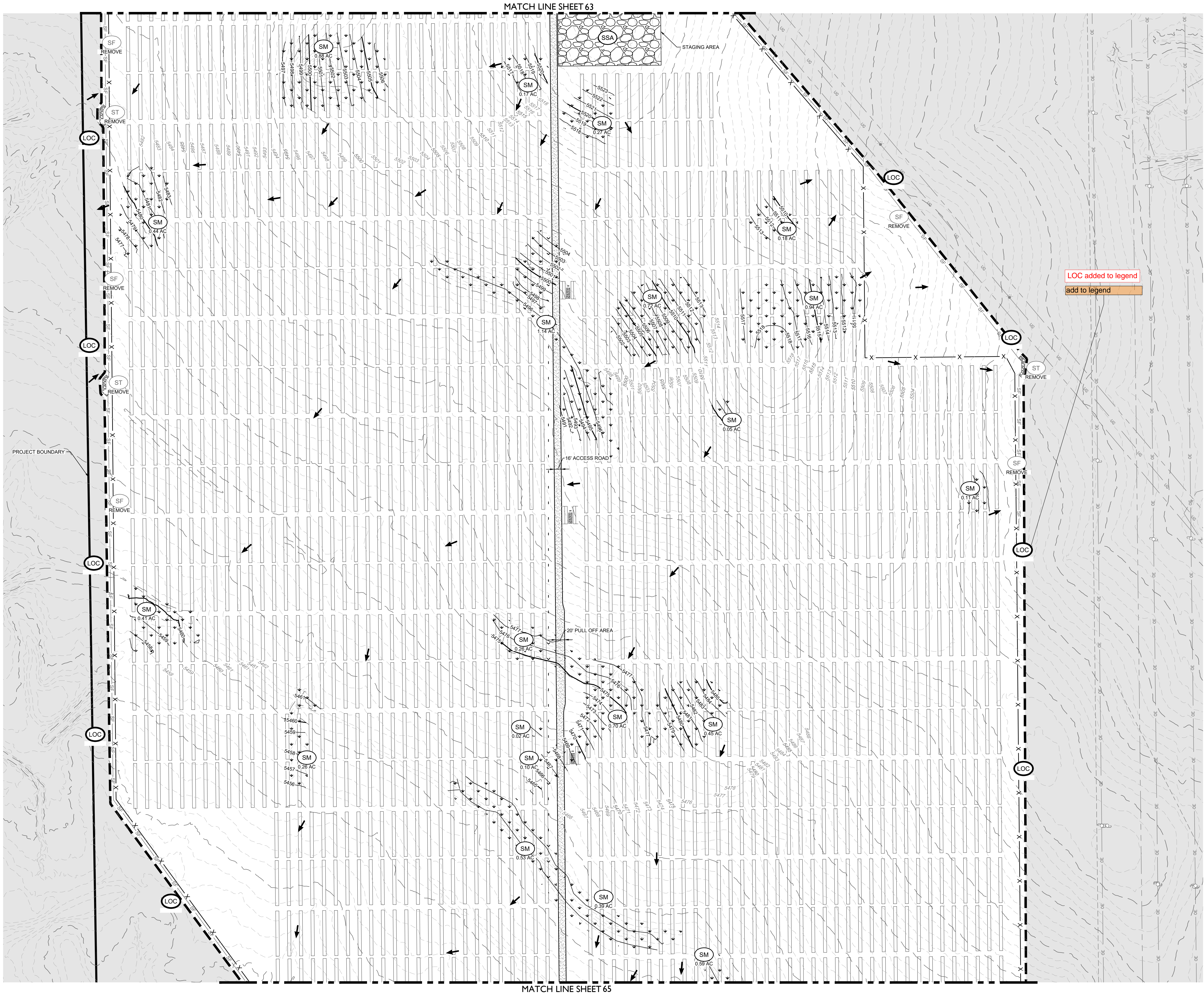
PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
FINAL (13 OF 24)

DESIGNED BY: BB  
DRAWN BY: SD  
CHECKED BY: DB

JOB NO.  
20-194

SHEET  
63 OF 78





LEGEND

5280	PROPOSED MAJOR CONTOUR
5279	PROPOSED MINOR CONTOUR
5280	EXISTING MAJOR CONTOUR
5279	EXISTING MINOR CONTOUR
---	PHASE BOUNDARY
	RCD REINFORCED CHECK DAM
	CWA CONCRETE WASHOUT AREA
	DD DIVERSION DITCH
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PIKE SOLAR  
EL PASO COUNTY, COLORADO  
GRADING & EROSION CONTROL PLANS  
FINAL (14 OF 24)

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