

GENERAL NOTES

- GENERAL NOTES APPLICABLE TO ALL PCS-C-820 SERIES DRAWINGS.
- SEE PCS-C-820 SERIES DRAWINGS FOR GRADING, DRAINAGE, ROADS, AND FENCING PLANS.
- SEE PCS-C-830 SERIES DRAWINGS FOR EROSION AND SEDIMENT CONTROL PLANS.
- SEE DRAWING PCS-C-864-01 FOR CONSTRUCTION FACILITIES PLAN.
- SEE PCS-S-810 SERIES DRAWINGS FOR PILE ARRANGEMENT PLANS.
- SEE DRAWING PCS-S-800-01 FOR PILE REMEDIATION PLAN AND PCS-S-811 FOR RACKING PILE COORDINATE LIST.
- SEE DRAWING PCS-S-820-01 FOR INVERTER SKID AND MET STATION LAYOUT.
- COORDINATES SHOWN ARE BASED ON THE OHIO STATE PLAN, NORTH ZONE, NORTH AMERICAN HORIZONTAL DATUM OF 1983 (NAD83). ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). SEE DRAWING PCS-G-200-01 FOR PROJECT SURVEY CONTROL TABLE.
- GRADE SHALL SLOPE UNIFORMLY BETWEEN FINISH SPOT ELEVATIONS AND CONTOURS SHOWN ON THE PLANS AND AS INDICATED BY DIRECTION OF FLOW ARROWS.
- A SMOOTH VERTICAL TRANSITION SHALL BE PROVIDED AT ROAD INTERSECTIONS.
- SLOPES SHALL BE 3(H):1(V) OR FLATTER, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR IS RESPONSIBLE FOR TYPING FINISHED CONTOURS INTO EXISTING CONTOURS IN AREAS WHERE THERE IS INSUFFICIENT SURVEY DATA OF THE EXISTING GRADE. IF DIFFICULT SITUATIONS ARISE, THE CONTRACTOR SHOULD NOTIFY THE DESIGN ENGINEER FOR GUIDANCE.
- EXCEPT FOR RAIL ALIGNMENT, SPOT ELEVATIONS AND CONTOURS ON PCS-C-820 SERIES DRAWINGS ARE TOP OF FINISHED GRADE. CONTRACTOR SHALL SUBTRACT FINISH SURFACING MATERIAL THICKNESS TO OBTAIN TOP OF SUBGRADE.
- ALL AREAS DISTURBED DURING CONSTRUCTION SHOULD BE RESTORED TO THEIR PRE-CONSTRUCTION CONDITIONS, AND STABILIZED UNLESS NOTED OTHERWISE. CONTRACTOR SHALL PRESERVE SOIL AS NECESSARY TO APPROXIMATE PRE-CONSTRUCTION CAPABILITY AND THE STABILIZATION OF THE WORK SURFACE IN A MANNER CONSISTENT WITH THE INITIAL LAND USE. DISTURBED AREAS NOT RECEIVING AGGREGATE, ASPHALT, OR CONCRETE SURFACING SHALL BE SEEDED/SODDED.
- ALL AREAS TOPSOILED AND SEEDED SHALL BE COVERED WITH VEGETATED MULCH WITHIN 24 HOURS OF SEEDING. CONTRACTOR SHALL ENSURE THAT TOPSOIL AND SUBSOIL ARE APPROPRIATELY SEGREGATED THROUGHOUT THE SITE.
- TOPSOIL AND SUBSOIL SHALL BE SEGREGATED THROUGHOUT THE SITE. ALL THE TOPSOIL UP TO 6 TO 12" DEPTH REMOVED FROM THE SOLAR AREAS SHALL BE SPREAD AND REDISTRIBUTED EVENLY OVER THE EXISTING TOPSOIL WITHIN THE SAME ARRAY OR LAND PARCELS PRIOR TO FINAL STABILIZATION. ANY SUB-SOIL EXCAVATED FROM SEDIMENT TRAP AREAS SHALL BE EITHER BE UTILIZED FOR PLANT FACILITIES CONSTRUCTION AND/OR STOCKPILED AT DESIGNATED LOCATIONS WITHIN RESPECTIVE ARRAY BLOCKS. EXCAVATED SUBSOIL SHALL NOT BE PLACED ON TOP OF THE EXISTING TOPSOIL IN ANY OF THE PLANT AREAS.

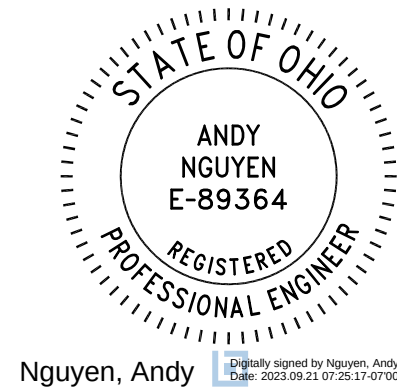
ITEM	AREA OF STRIPPING		EARTHWORK QUANTITY (CY)	
	ACRES	% AREA**	CUT	FILL
UNDERRACK GRADING	0.1	0.01	100	#
TEMPORARY ACCESS ROADS	0.58	0.07	467	467*
CULVERT GRADING	0.05	0.006	-	530
INVERTER PAD	0.77	0.10	625	980
CONVEYANCE SWALE	2.47	0.31	2361	-
CONSTRUCTION LAYDOWN AREA	13.50	1.67	7260	4300*
INVERTER ACCESS ROAD	11.39	1.41	12256	12256*
SEDIMENT TRAP INCLUDING BERM ON DOWNSIDE	43.24	5.35	91020	2158
TOTAL FENCED AREA	809	-	-	-
TOTAL DISTURBED AREA WITHIN FENCE BOUNDARY	72.10	8.91	-	-

* DENOTES AGGREGATE QUANTITY
** % AREAS ARE BASED ON THE AREAS WITHIN THE FENCE BOUNDARY
MINUSCULE QUANTITY REQUIRED BASED ON SITE CONDITIONS

SETBACKS			
STREAM	50'	WETLAND CATEGORY-1	25'
FLOOD AVOIDANCE AREA (AVOIDANCE)		WETLAND CATEGORY-2	75'
PROPERTY BOUNDARY	32'	WETLAND CATEGORY-3	120'
EQUIPMENT / FENCE (MIN.)	10'		
EQUIPMENT / EQUIPMENT (MIN.)	4'		
EXISTING OVERHEAD ELECTRICAL	65'		
RAILROAD ROW	50'		
NHD FLOWLINE	50'		
CULTURAL SITE	50'		
STRUCTURES SAFETY (RESIDENTIAL YARD)	100'		

LEGEND

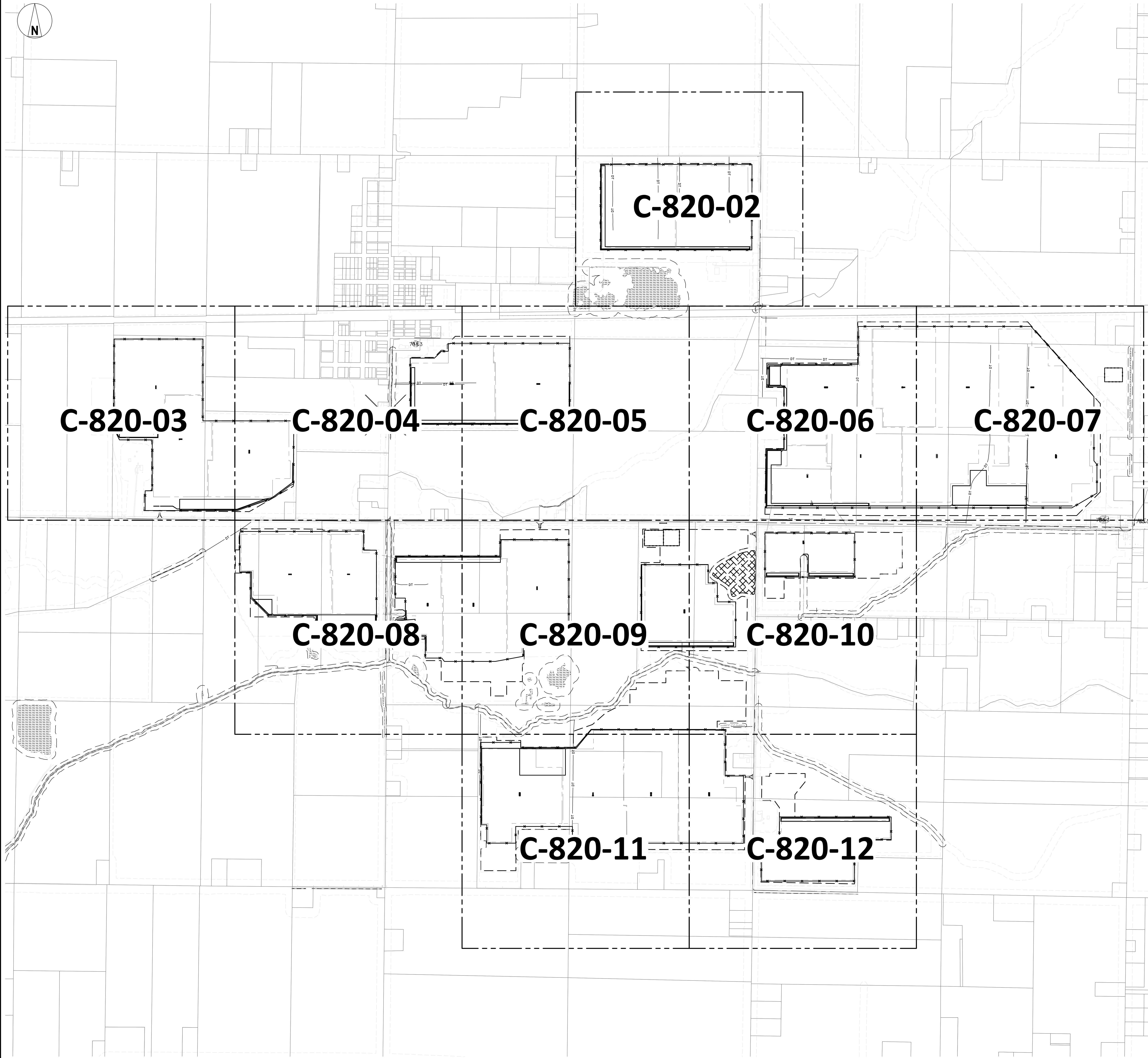
PROPERTY LINE	ADJOINING PROPERTY LINE	BUILDABLE AREA	SETBACK LINE	ARRAY BOUNDARY	NEW ROAD	NEW SECURITY FENCE	NEW SUBSTATION FENCE (BY OTHERS)	NEW OVERHEAD ELECTRICAL	EXISTING OVERHEAD ELECTRICAL	EXISTING ROAD	EXISTING FENCE	STREAM	EXISTING DRAIN TILE	LIMITS OF DISTURBANCE	NEW CONTOUR	EXISTING CONTOUR	NEW CULVERT	SEDIMENT TRAP
FLOOD AVOIDANCE AREAS	100 YEAR FLOOD ELEVATION BOUNDARY	GRADE SURFACE FLOW INDICATOR	BENCHMARK	RIPRAP	INVERTER STATION	WETLANDS	FEMA ZONE A	LOW WATER CROSSING	STORMWATER CONVEYANCE SWALE	COUNTY PARCEL								



NOT TO BE USED FOR CONSTRUCTION

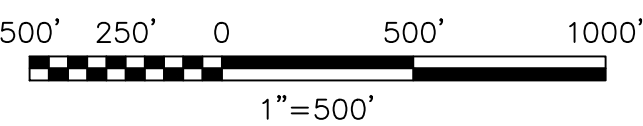
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DESIGNED: CA		09/20/23
CHECKED: AVN		09/20/23
APPROVED: AJG		09/20/23
CADFILE:	SCALE: 1"=500'-0"	DWG.NO. PCS-C-820
		SHEET01
		REV 2



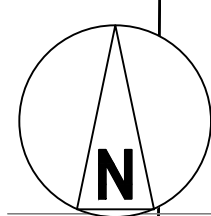
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BLACK OVERLAND PARK, KANSAS 66211
& ENGINEERING FIRM
VEATCH COA 01645



I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF OHIO.
SIGNED ANDY NGUYEN
DATE 09/20/23 REG. NO. PE-89364





E 1514000

E 1515000

E 1516000

PI
N 526658.36
E 1514973.86

PI
N 526658.37
E 1516253.68

SECURITY FENCE

SEE NOTE 8 C-820 SERIES

GRADE DOWN THIS AREA BY
CUTTING MAX DEPTH = 7"

TURNAROUND
(SEE DETAILS
ON DWG
PCS-C-841-01)

INVERTER
(TYP)

14' WIDE ROAD
(TYP)

NEW PERMANENT
ROAD

N 525365.09
E 1514973.86

CC ST-03B

PI
N 525241.08
E 1515632.05

ST-03-B

N 525202.48
E 1515050.62

PI
N 525203.57
E 1515524.15

PI
N 525186.82
E 1516213.22

PI
N 525241.08
E 1516179.65

N 524470.45
E 1515420.86

N 524470.06
E 1515523.28

N 524184.18
E 1515421.85

CL 20'-0"
SWING GATE

LWC-2

CC ST-03A WEST

N 524074.78 TIE INTO
E 1515632.05 EXISTING ROAD

ST-03-A

SECURITY FENCE



LEGEND

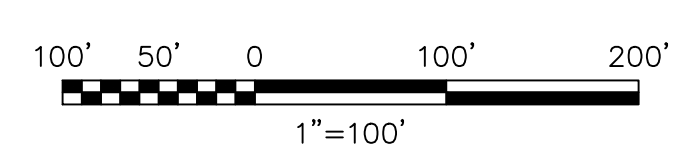
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---	SETBACK LINE	●	BENCHMARK
---	ARRAY BOUNDARY	■	RIPRAP
---	NEW ROAD	□	INVERTER STATION
---	NEW SECURITY FENCE	▨	WETLANDS
---	NEW SUBSTATION FENCE (BY OTHERS)	▨	FEMA ZONE A
---	NEW OVERHEAD ELECTRICAL	■	LOW WATER CROSSING
---	EXISTING OVERHEAD ELECTRICAL	ST-##	STORMWATER CONVEYANCE SWALE
---	EXISTING ROAD	---	COUNTY PARCEL
---	EXISTING FENCE		
---	STREAM		
---	EXISTING DRAIN TILE		
---	LIMITS OF DISTURBANCE		
---	735		
---	735		
---	NEW CONTOUR		
---	EXISTING CONTOUR		
---	NEW CULVERT		
---	SEDIMENT TRAP		

KEYPLAN



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11401 LAMAR AVENUE
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COA.01645



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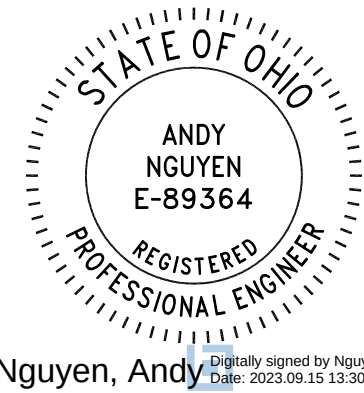
POWELL CREEK SOLAR, LLC POWELL CREEK PV SOLAR PROJECT GRADING, DRAINAGE, ROADS & FENCING PLAN - AREA 2	SCALE: 1"=100'-0"	DWG. NO. PCS-C-820	SHEET 03	REV 1
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REL12398



GENERAL NOTES

- SEE DRAWING PCS-C-180-01 FOR CIVIL COVER SHEET, DRAWING INDEX AND STANDARD ABBREVIATIONS.
- SEE DRAWING PCS-C-820-01 FOR GENERAL NOTES AND LEGEND APPLICABLE TO ALL PCS-C-820 SERIES DRAWINGS.
- SEE DRAWING PCS-C-810-01 FOR GRADING AND DRAINAGE SECTIONS AND DETAILS.
- SEE DRAWING PCS-C-841-01 FOR ROADS AND FENCING SECTIONS AND DETAILS.
- SEE DRAWING PCS-C-820 SERIES FOR GRADING AND DRAINAGE PLANS.
- SEE DRAWING PCS-C-810-09 FOR CULVERT TABLE.
- LOW WATER CROSSING (LWC) LOCATIONS ARE APPROXIMATE, AND SHALL BE FIELD MODIFIED AS REQUIRED TO ACCOMMODATE DITCHES. SEE SHEET 841-01 FOR LWC TABLE.
- THE CONTRACTOR SHALL GRADE THESE AREAS TO TIE IN CONTOURS INTO EXISTING CONTOURS MAINTAINING THE DRAINAGE PATTERN SHOWN ON THE GRADING PLAN.

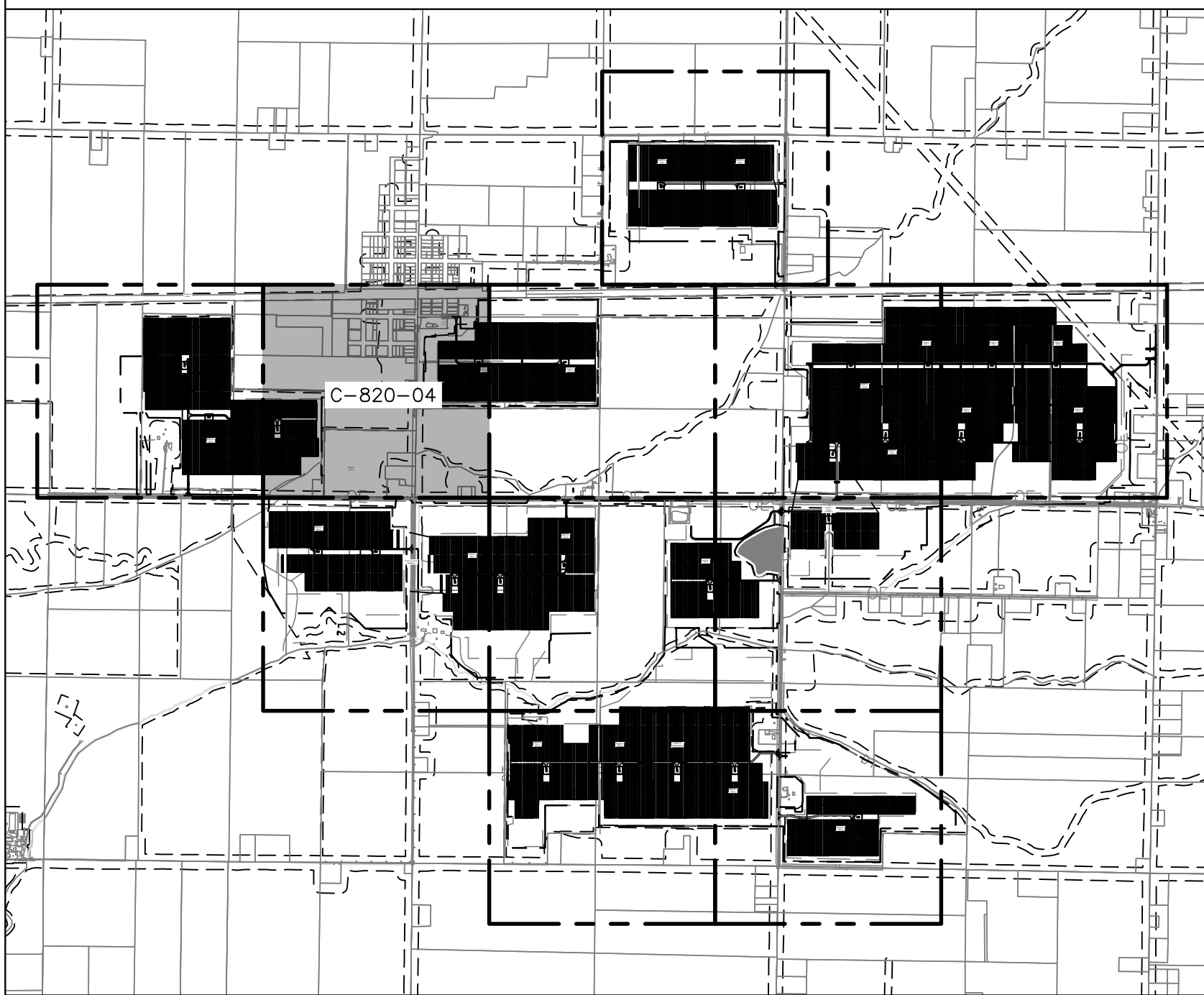


Nguyen, Andy

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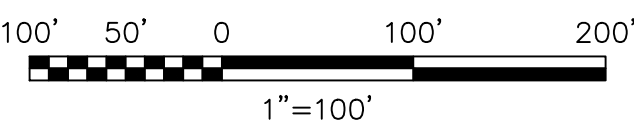
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POWELL CREEK SOLAR, LLC
POWELL CREEK PV SOLAR PROJECT
GRADING, DRAINAGE, ROADS & FENCING
PLAN - AREA 3

CADFILE: PCS-C-820-04 SCALE: 1"=100'-0" DWG.NO. PCS-C-820 SHEET04 REV 1



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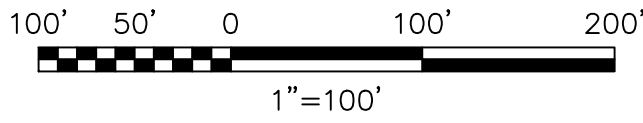
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POWELL CREEK SOLAR, LLC POWELL CREEK PV SOLAR PROJECT GRADING, DRAINAGE, ROADS & FENCING PLAN - AREA 4			
SCALE: 1"=100'-0"	DWG.NO. PCS-C-820	SHEET:05	REV 1

**This foregoing document was electronically filed with the Public Utilities
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in

Case No(s). 20-1084-EL-BGN

Summary: Notice of Compliance - Part 4 electronically filed by Teresa Orahod on
behalf of Herrnstein, Kara.