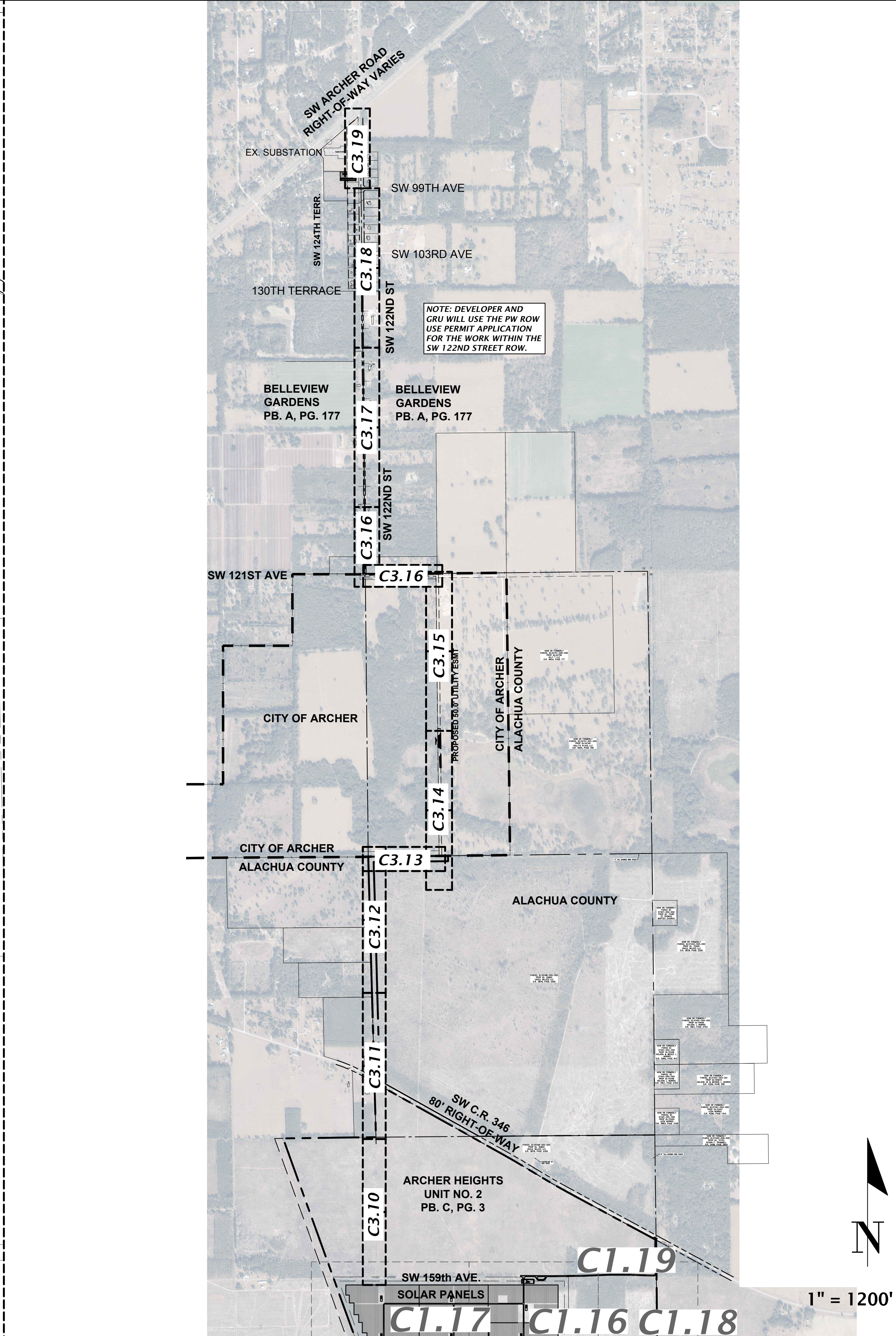
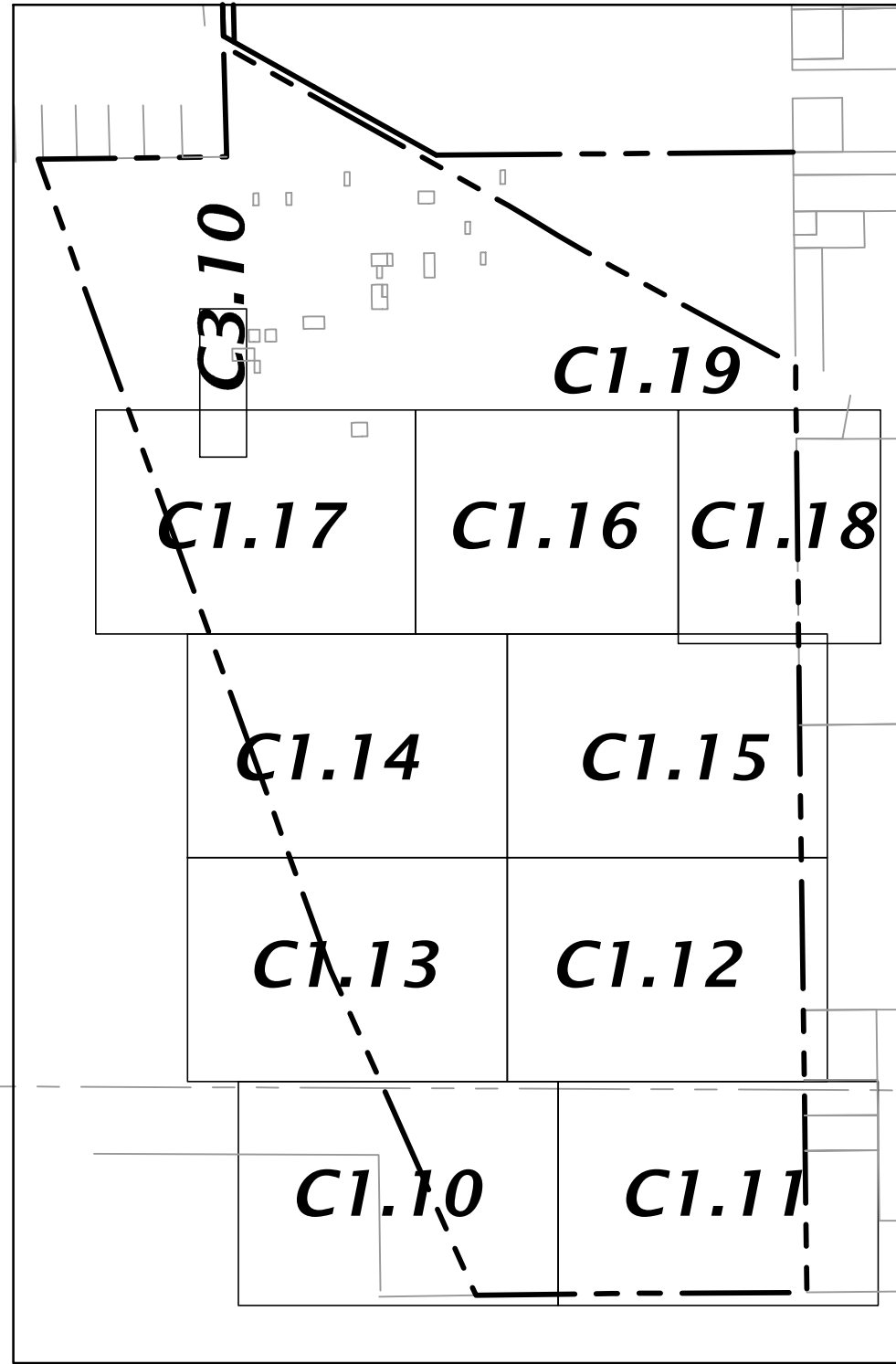


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| | |
|--|---|
| CHW Professional Consultants | 11801 Research Drive Alachua, Florida 32615 (352) 351-1976 www.chw-inc.com est. 1988 FLORIDA CA-5075 |
| VARIES VERIFY SCALE ON ORIGINAL DRAWING 0 INCHES TO 1 FOOT THIS SHEET ADJUST SCALES ACCORDINGLY | CONSTRUCTION AND REVISIONS |
| CLIENT: ORGIS ENERGY PROJECT: ORGIS ENERGY SOLAR FACILITY SHEET TITLE: MASTER SITE PLAN | SUBMITTALS: 06/05/2023 - SUBMITTAL TO ALACHUA COUNTY 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY |
| DESIGNER: K.T. MCMAHON CHECKER: KRISTEN JACKSON PROJECT NUMBER: 22-0264 MASON: M. MASON | ARCHER HEIGHTS UNIT NO. 2 PB. C, PG. 3 |
| Mitchell G. Mason, P.E. State of Florida, Professional Engineer, License No. 92335 This item has been digitally signed and sealed by Mitchell G. Mason, P.E. on the date indicated here: 09/21/2023 Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies. | FL PE No. 92335 C1.00 |

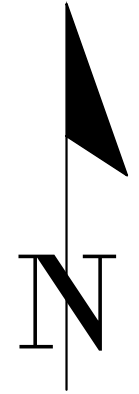
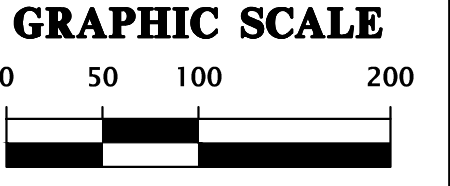
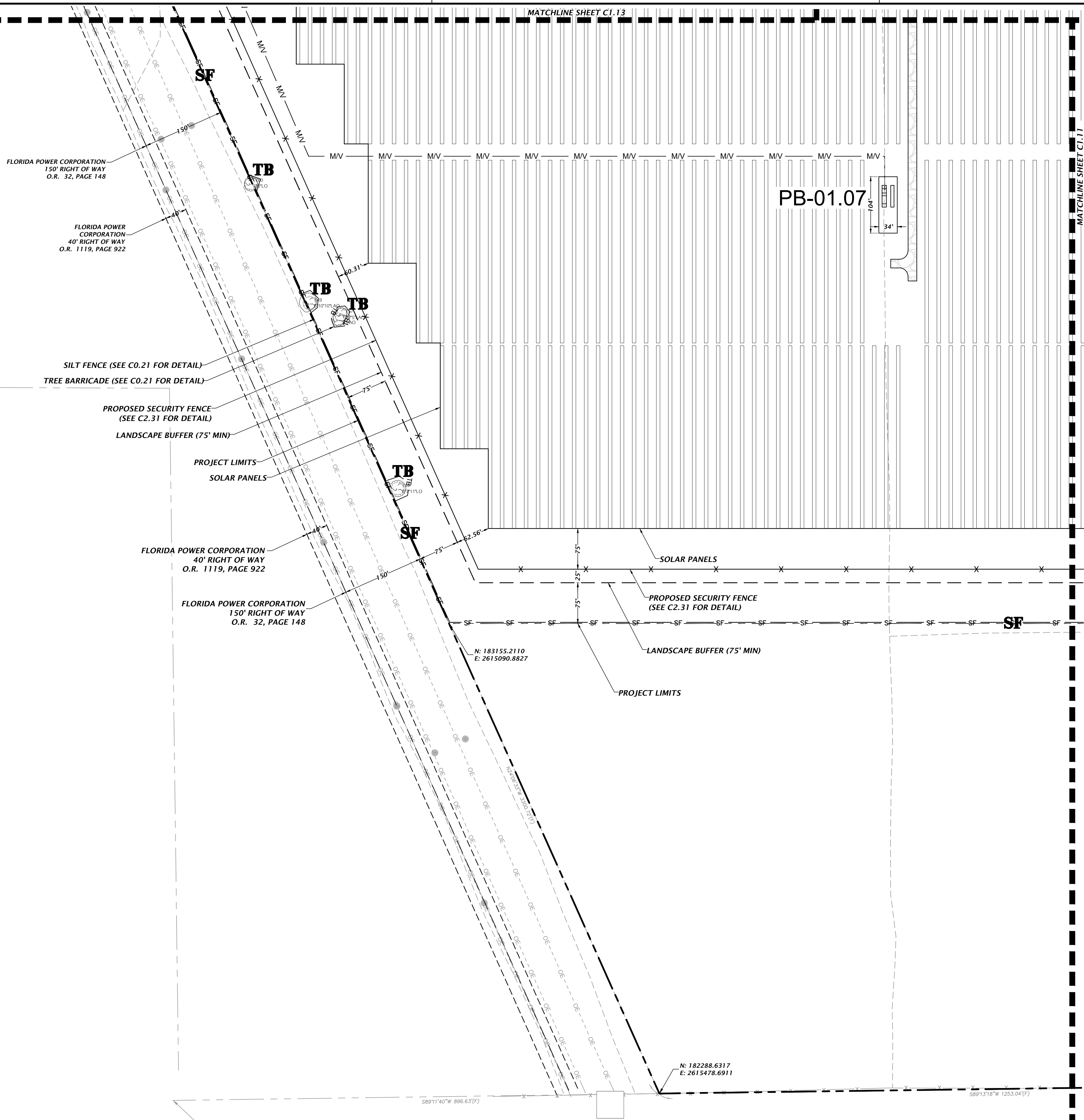


KEY SHEET

LEGEND:

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- EXISTING TREE CANOPY
- PROPOSED 16' WIDE LIMEROCK ACCESS PATH
- PROPOSED PLANTING AREA
- PROPOSED SHADE BUFFER
- PROPOSED LIMEROCK ROAD
- EXISTING WETLAND
- PROPOSED CONCRETE
- PROPOSED FENCE
- CONSTRUCTION ENTRANCE/EXIT
- PROPOSED TREE BARRICADE
- PROPOSED TREE BARRICADE
- PROPOSED EQUIPMENT PAD (DESIGNED BY OTHERS)
- PROPOSED MEDIUM VOLTAGE RUN (DESIGNED BY OTHERS)
- PROPOSED SOLAR PANEL (DESIGNED BY OTHERS)

NOW OR FORMERLY
PARCEL ID: 07470-000-000
PROP ID: 70773
SARAH MAE LOWMAN
D/L: 2011, PAGE 728



Title: Thomas; Plot Date: Sep 21, 2023 3:33pm
 File: N:\2023\22-0264\Department\CA_Engineering\CA_Engineering\02_DWG\Production\Plan\22-0264_Detailed_Site_Plan.dwg
 Plot Date: Sep 21, 2023 3:33pm

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0"=1" SCALE INDICATED ON THIS SHEET. ADJUST SCALES ACCORDINGLY.

CONSTRUCTION REVISIONS

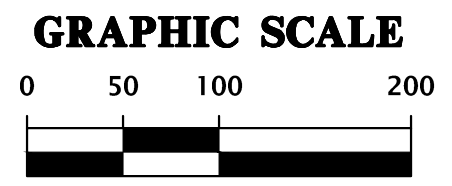
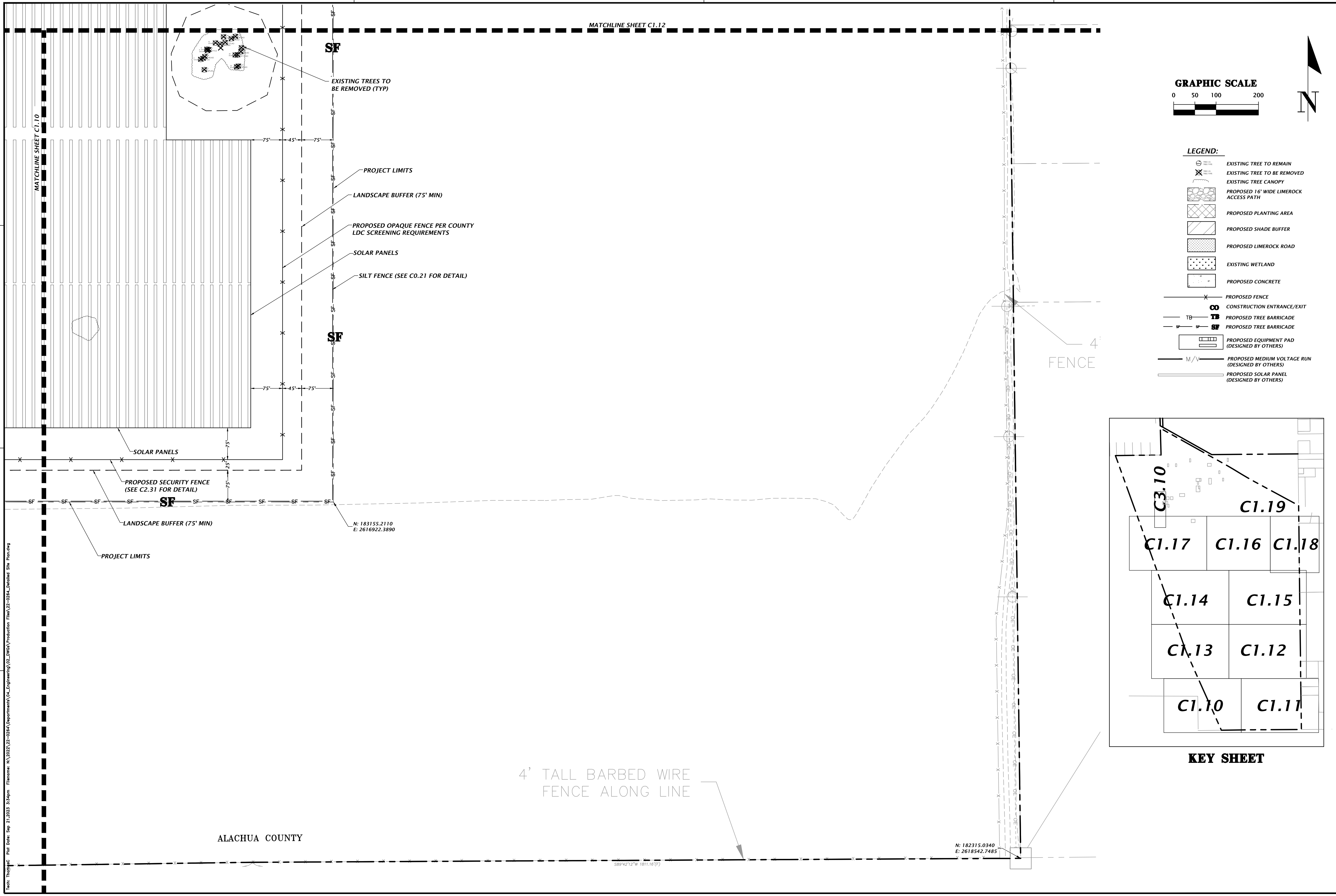
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07/31/2023 - SUBMITTAL TO ALACHUA COUNTY
09/05/2023 - SUBMITTAL TO ALACHUA COUNTY
09/21/2023 - SUBMITTAL TO ALACHUA COUNTY

CLIENT: ORIGIS ENERGY
PROJECT: ORIGIS ENERGY SOLAR FACILITY
SHEET TITLE: DETAILED HORIZONTAL CONTROL AND SITE PLAN

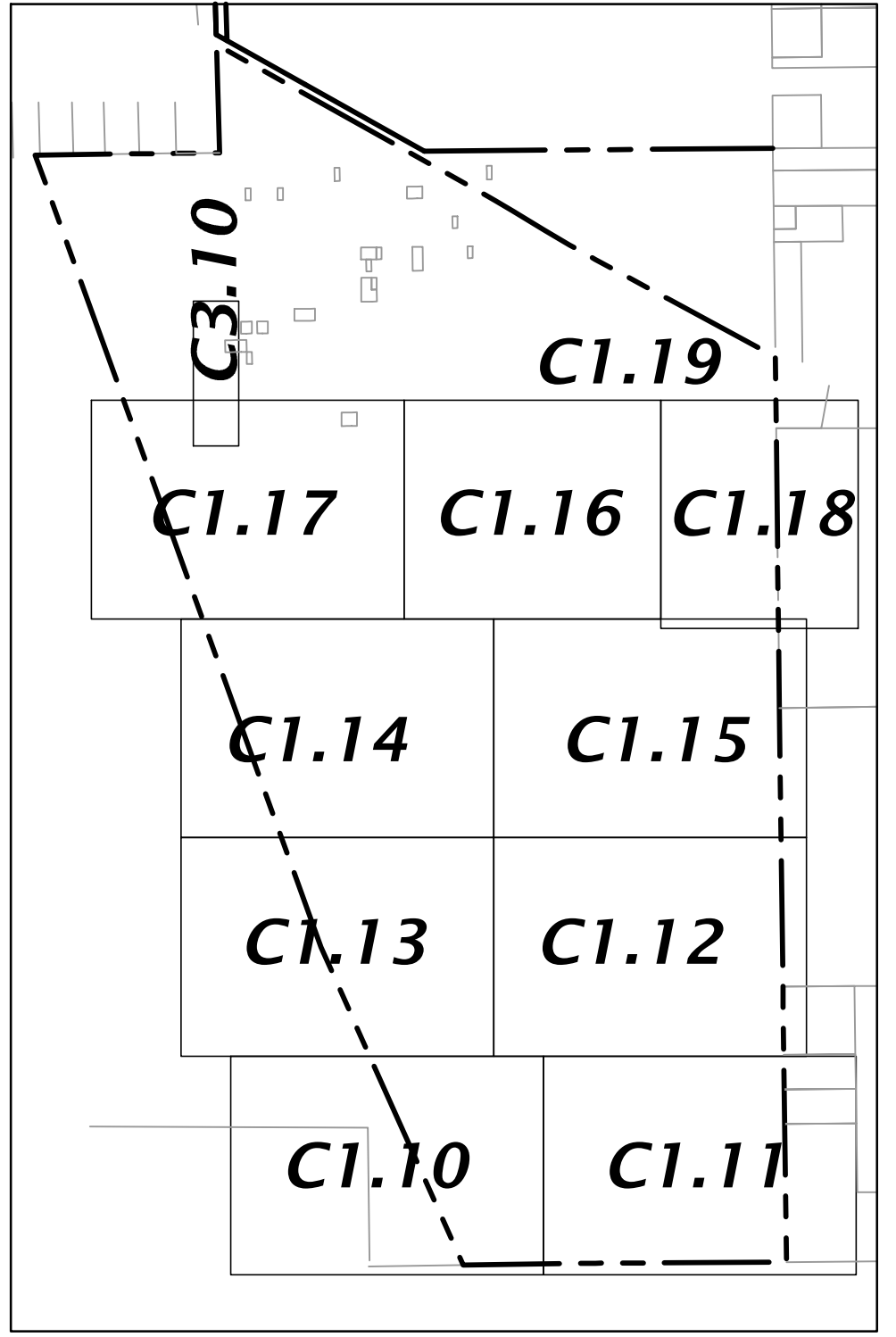
DESIGNER: KRISTEN JACKSON
QUALITY CONTROL: M. MASON
PROJECT NUMBER: 22-0264

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State of Florida, Professional Engineer, License No. 92335
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FL PE No. 92335
SHEET NO. **C1.10**



- LEGEND:**
- EXISTING TREE TO REMAIN
 - EXISTING TREE TO BE REMOVED
 - EXISTING TREE CANOPY
 - PROPOSED 16' WIDE LIMEROCK ACCESS PATH
 - PROPOSED PLANTING AREA
 - PROPOSED SHADE BUFFER
 - PROPOSED LIMEROCK ROAD
 - EXISTING WETLAND
 - PROPOSED CONCRETE
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 - CONSTRUCTION ENTRANCE/EXIT
 - PROPOSED TREE BARRICADE
 - PROPOSED TREE BARRICADE
 - PROPOSED EQUIPMENT PAD (DESIGNED BY OTHERS)
 - PROPOSED MEDIUM VOLTAGE RUN (DESIGNED BY OTHERS)
 - PROPOSED SOLAR PANEL (DESIGNED BY OTHERS)



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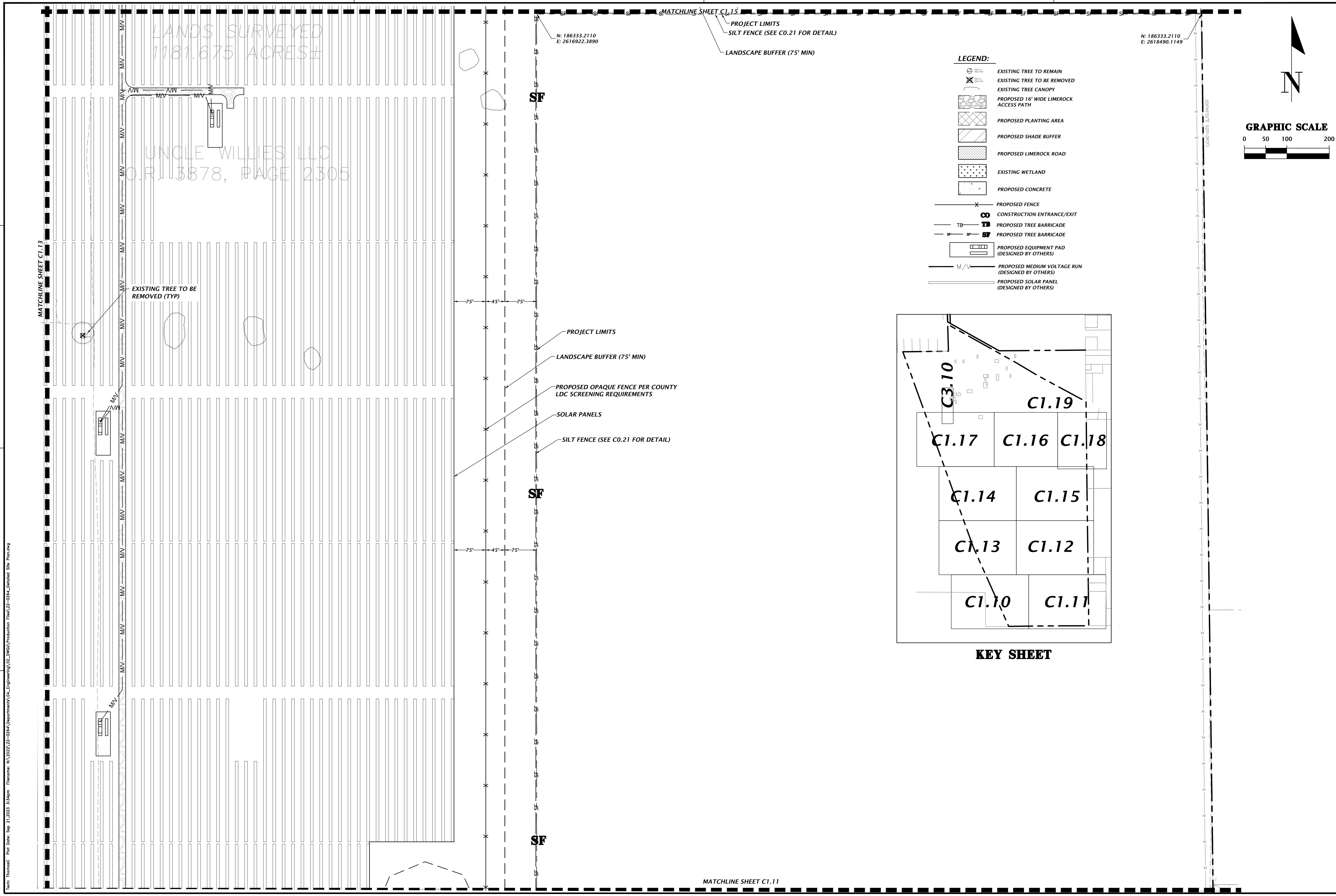
CONSTRUCTION AND REVISIONS

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| DATE | DESCRIPTION |
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| 07/31/2023 | SUBMITTAL TO ALACHUA COUNTY |
| 09/05/2023 | SUBMITTAL TO ALACHUA COUNTY |
| 09/21/2023 | SUBMITTAL TO ALACHUA COUNTY |

CLIENT: ORIGIS ENERGY
PROJECT: ORIGIS ENERGY SOLAR FACILITY
SHEET TITLE: DETAILED HORIZONTAL CONTROL AND SITE PLAN
DESIGNER: KRISTEN JACKSON
CHECKER: M. MASON
PROJECT NUMBER: 22-0264

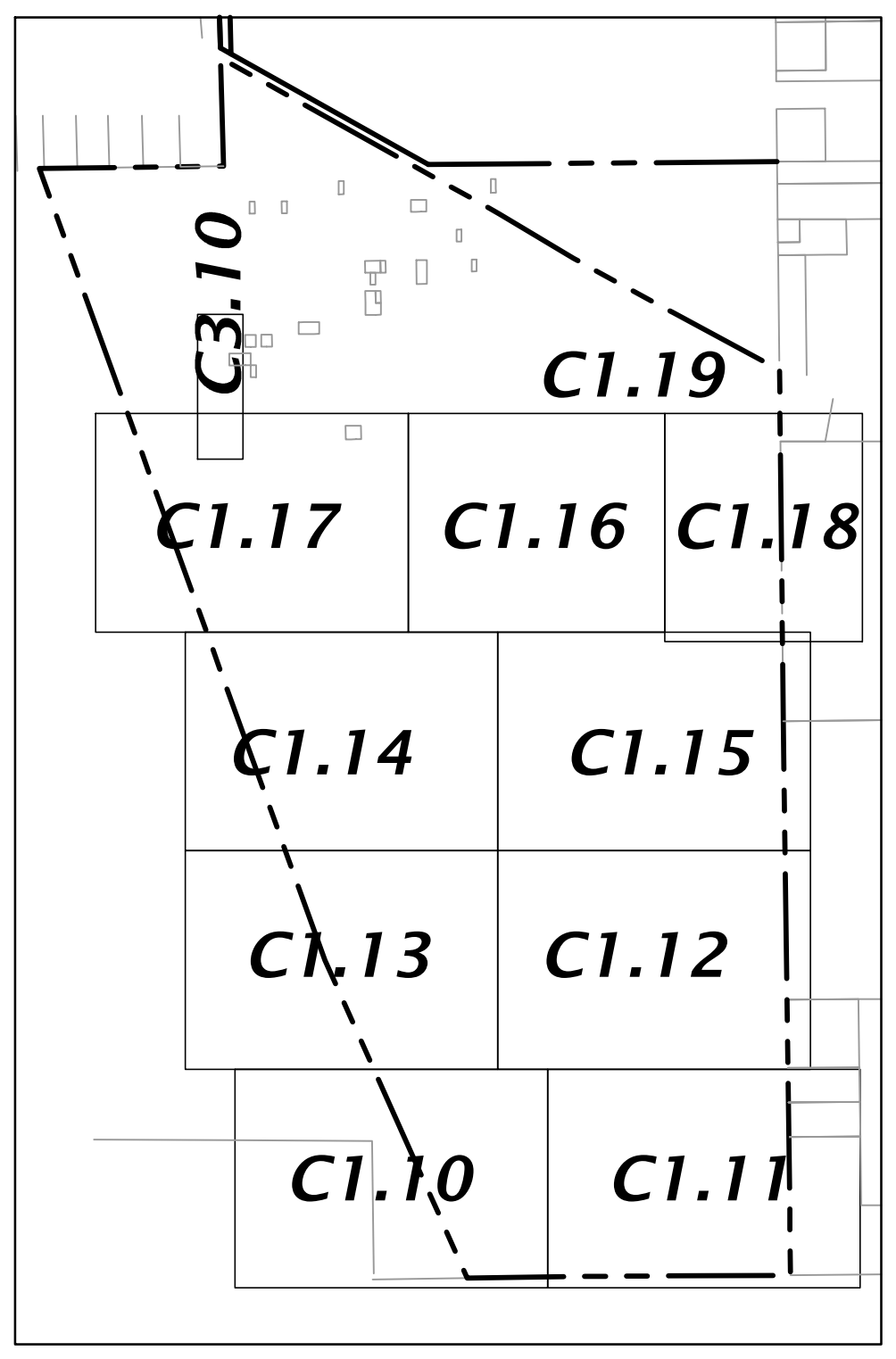
MITCHELL G. MASON
Mitchell G. Mason, P.E.
State of Florida, Professional Engineer, License No. 92335
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FL PE No. 92335
SHEET NO. **C1.11**

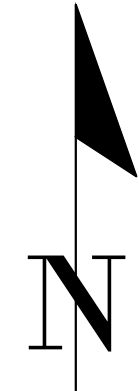
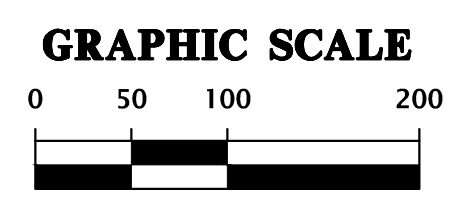


LEGEND:

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- EXISTING TREE CANOPY
- PROPOSED 16' WIDE LIMEROCK ACCESS PATH
- PROPOSED PLANTING AREA
- PROPOSED SHADE BUFFER
- PROPOSED LIMEROCK ROAD
- EXISTING WETLAND
- PROPOSED CONCRETE
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- CONSTRUCTION ENTRANCE/EXIT
- PROPOSED TREE BARRICADE
- PROPOSED TREE BARRICADE
- PROPOSED EQUIPMENT PAD (DESIGNED BY OTHERS)
- PROPOSED MEDIUM VOLTAGE RUN (DESIGNED BY OTHERS)
- PROPOSED SOLAR PANEL (DESIGNED BY OTHERS)



KEY SHEET



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E: 2618490.1149

N: 186333.2110
E: 2616922.3890

LANDS SURVEYED
1181.675 ACRES±

UNCLE WILLIES LLC
O.R.L. 13878, PAGE 2305

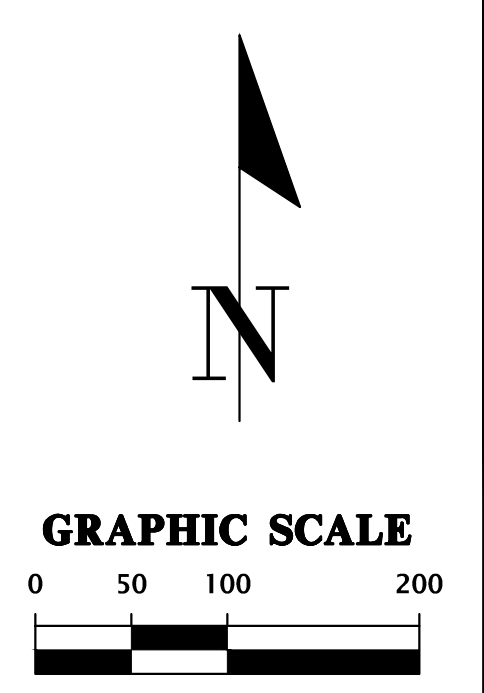
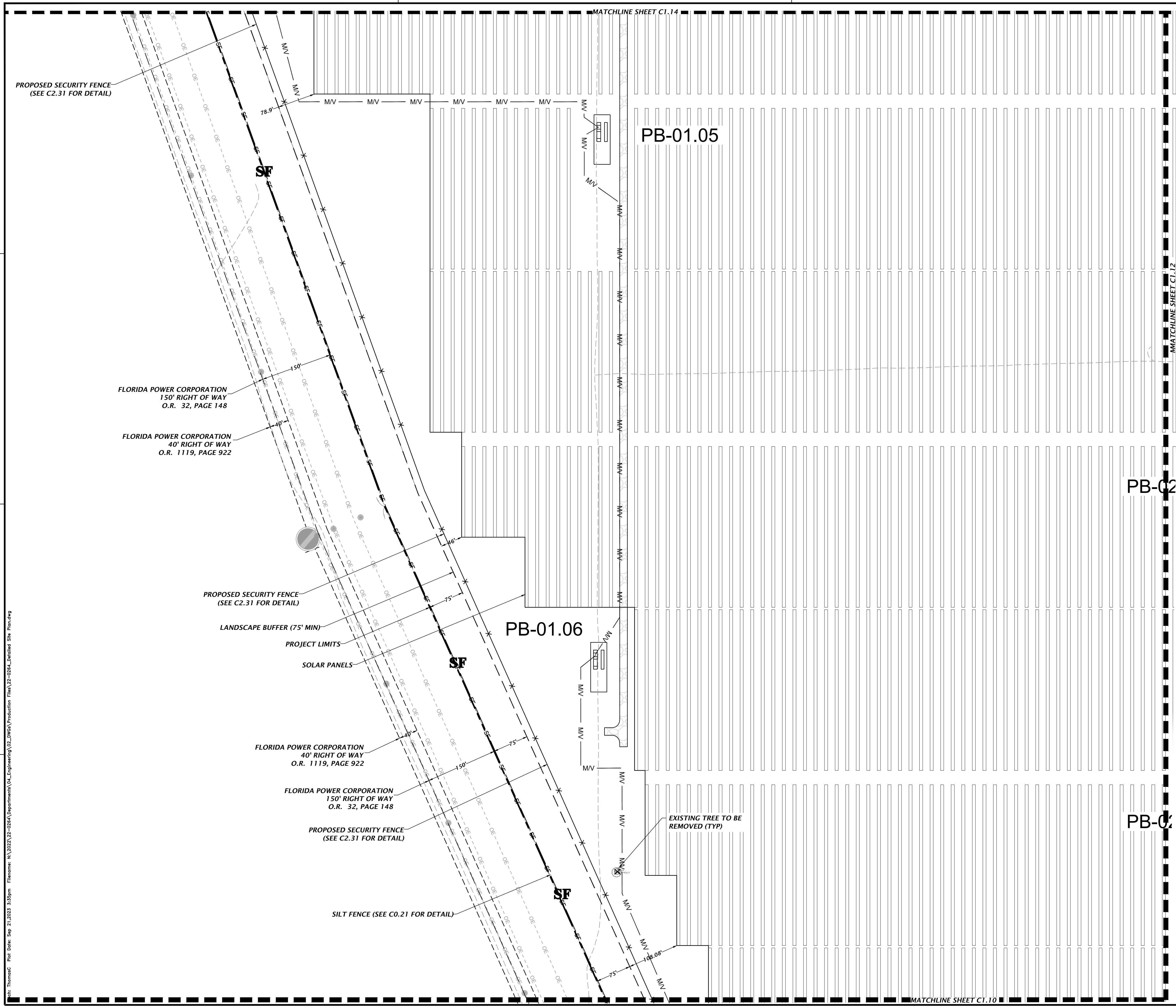
EXISTING TREE TO BE
REMOVED (TYP)

- PROJECT LIMITS
- LANDSCAPE BUFFER (75' MIN)
- PROPOSED OPAQUE FENCE PER COUNTY
LDC SCREENING REQUIREMENTS
- SOLAR PANELS
- SILT FENCE (SEE C0.21 FOR DETAIL)

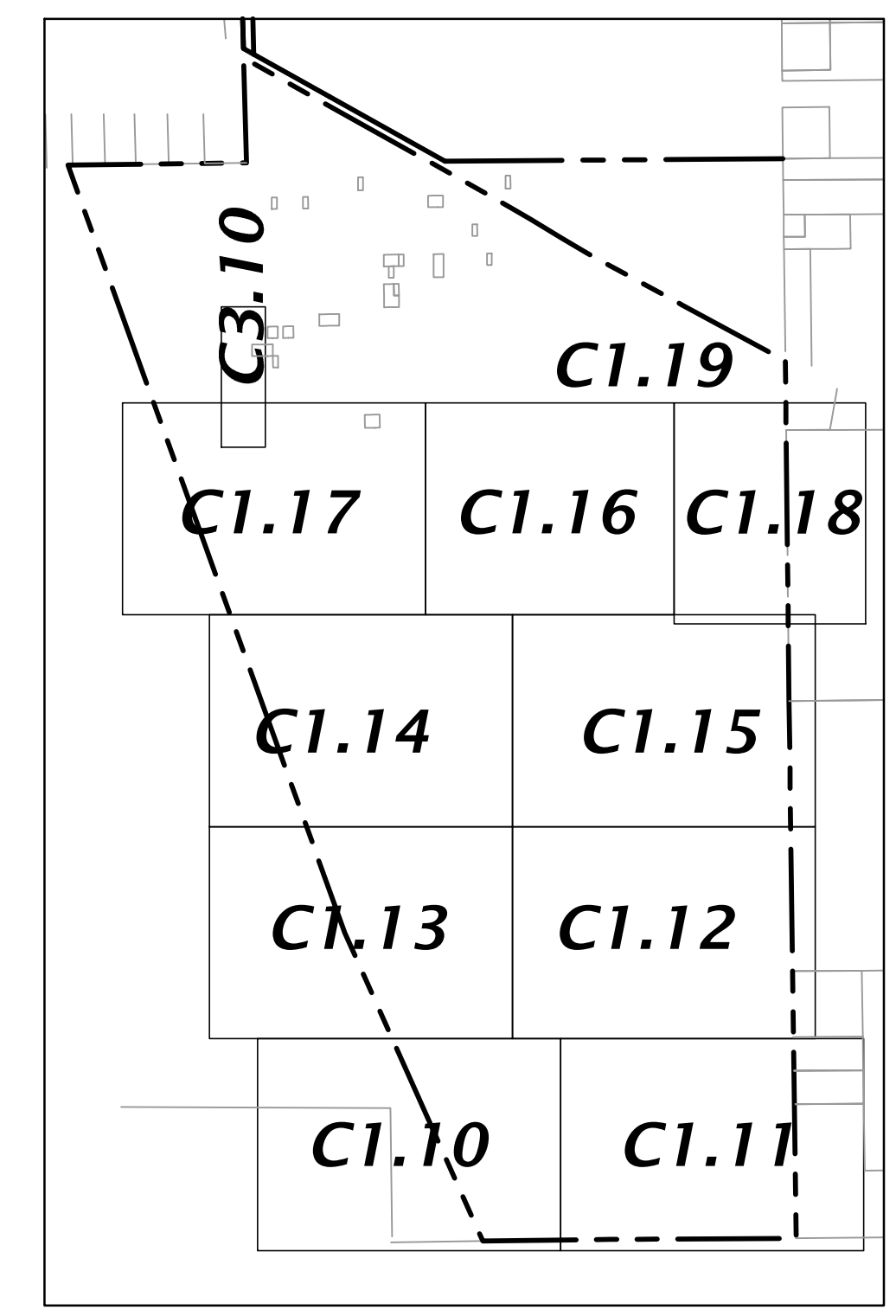
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Titled: ThomasC Post Date: Sep 21, 2023 3:34pm File Name: N:\2022\22-0264\Department\CA_Engineering\02_DWG\Production\Plan\22-0264_Detailed Site Plan.dwg

| | | | | | | | | |
|---|--|--|-----------------------------|--|---|--|--|---|
| <p>11801 Research Drive Alachua, Florida 32615 (352) 351-1976 www.chw-inc.com est. 1988 FLORIDA CA-5075</p> | <p>CHW Professional Consultants</p> | <p>SCALE: 1"=100' VERIFY SCALE ON ORIGINAL DRAWING 0"=0' SCALE SECTION 1" THIS SHEET, ADJUST SCALES ACCORDINGLY.</p> | <p>CONSTRUCTION PERMITS</p> | <p>DATE: 06/05/2023 - SUBMITTAL TO ALACHUA COUNTY 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY</p> | <p>CLIENT: ORIGIS ENERGY PROJECT: ORIGIS ENERGY SOLAR FACILITY SHEET TITLE: DETAILED HORIZONTAL CONTROL AND SITE PLAN</p> | <p>DESIGNER: KRISTEN JACKSON MASON PROJECT NUMBER: 22-0264</p> | <p>MITCHELL G. MASON Mitchell G. Mason, P.E. State of Florida, Professional Engineer, License No. 92335 This item has been digitally signed and sealed by Mitchell G. Mason, P.E. on the date indicated here: 09/21/2023 Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.</p> | <p>FL PE No. 92335 SHEET NO: C1.12</p> |
|---|--|--|-----------------------------|--|---|--|--|---|



- LEGEND:**
- EXISTING TREE TO REMAIN
 - EXISTING TREE TO BE REMOVED
 - EXISTING TREE CANOPY
 - PROPOSED 16' WIDE LIMEROCK ACCESS PATH
 - PROPOSED PLANTING AREA
 - PROPOSED SHADE BUFFER
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 - CONSTRUCTION ENTRANCE/EXIT
 - PROPOSED TREE BARRICADE
 - PROPOSED TREE BARRICADE
 - PROPOSED EQUIPMENT PAD (DESIGNED BY OTHERS)
 - PROPOSED MEDIUM VOLTAGE RUN (DESIGNED BY OTHERS)
 - PROPOSED SOLAR PANEL (DESIGNED BY OTHERS)



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CONSTRUCTION AND REVISIONS

| | |
|-------|--|
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| DATE: | 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY |
| DATE: | 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY |
| DATE: | 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY |

| | |
|--------------|---|
| CLIENT: | ORIGIS ENERGY |
| PROJECT: | ORIGIS ENERGY SOLAR FACILITY |
| SHEET TITLE: | DETAILED HORIZONTAL CONTROL AND SITE PLAN |

| | |
|------------------|-----------------|
| DESIGNER: | K.T. MCMANON |
| QUALITY CONTROL: | KRISTEN JACKSON |
| PROJECT NUMBER: | M. MASON |
| SHEET NUMBER: | 22-0264 |

MITCHELL G. MASON

MITCHELL G. MASON, P.E.
State of Florida, Professional Engineer, License No. 92335

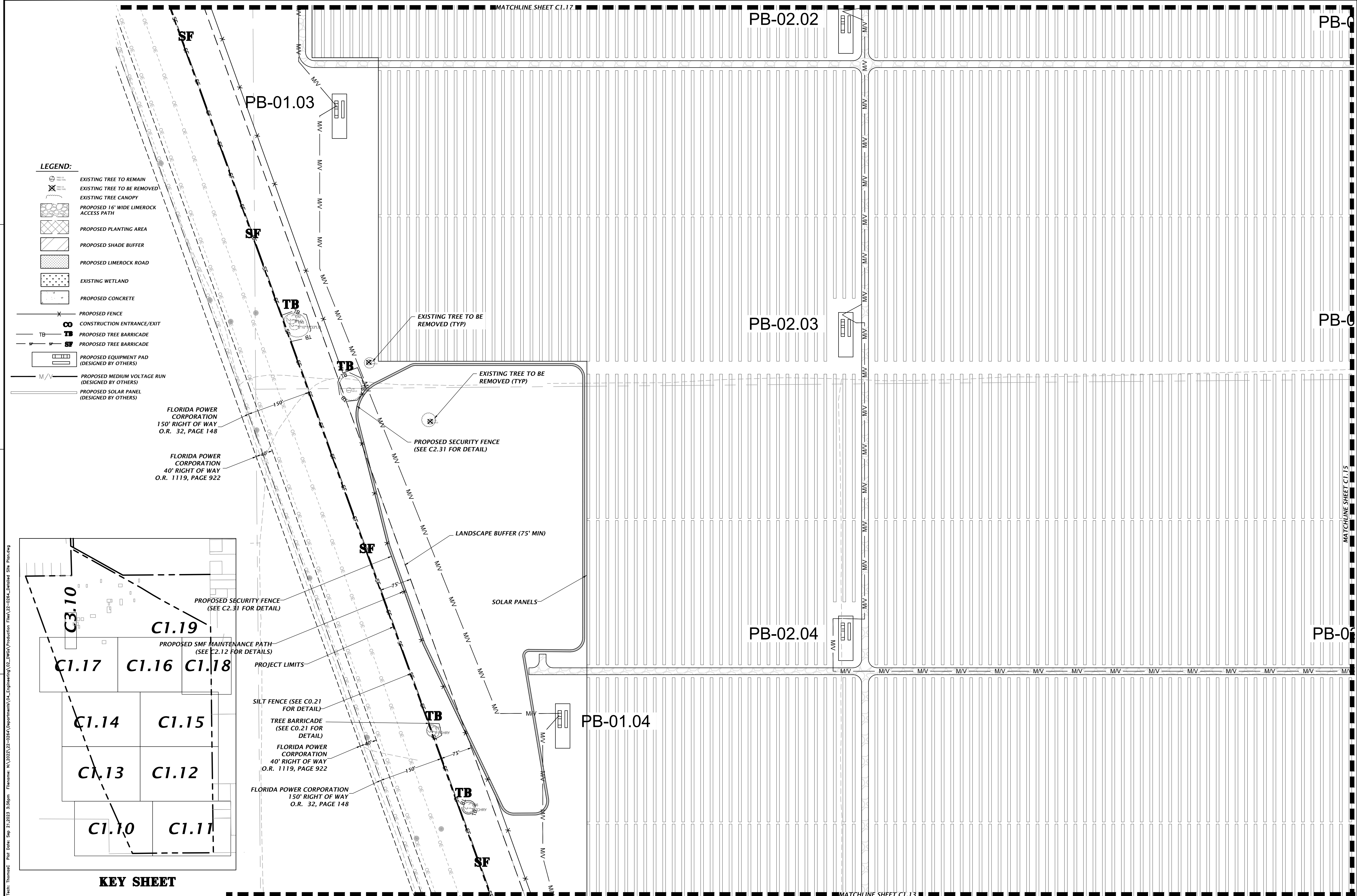
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SHEET NO. **C1.13**

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 Plotter: ThomasC

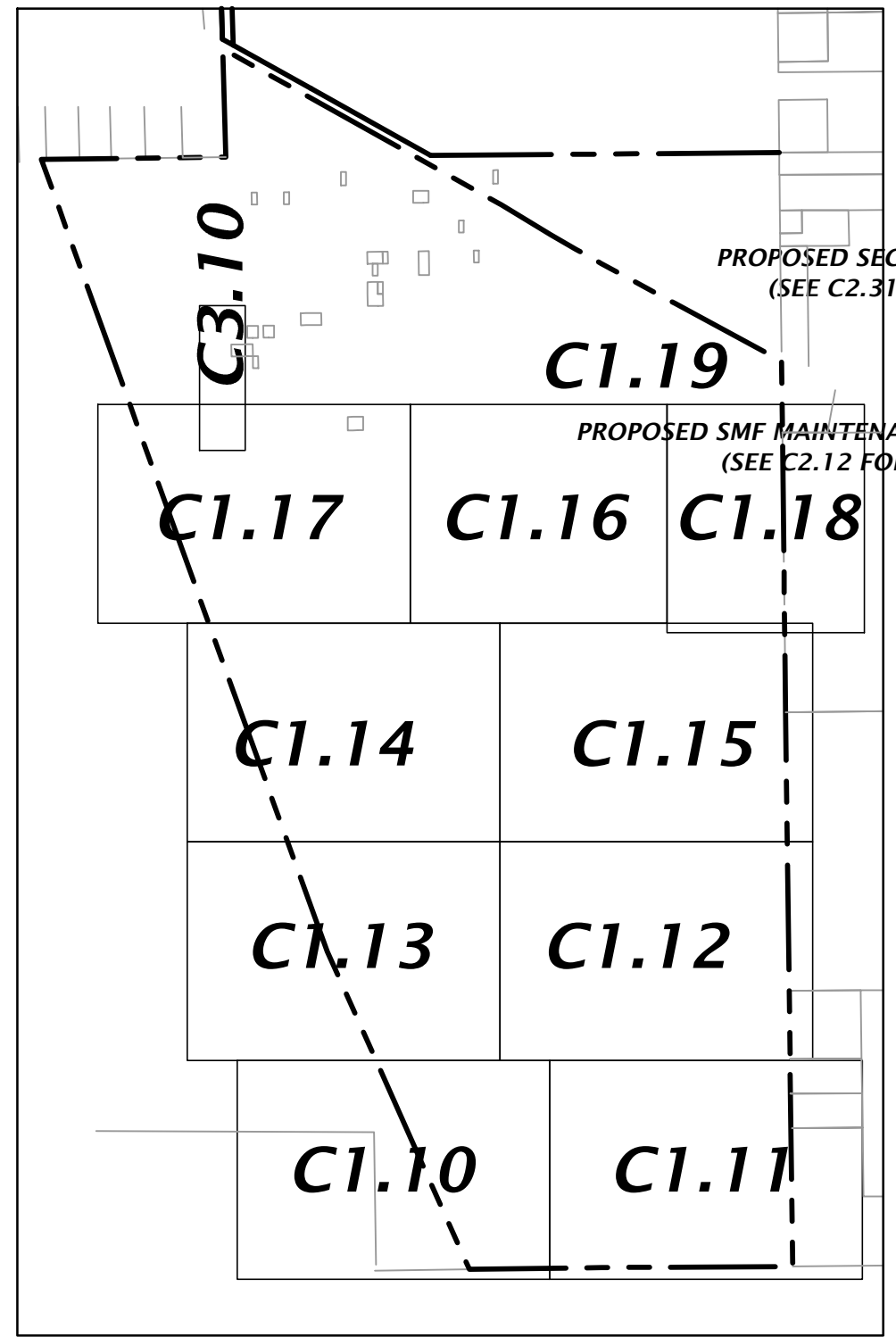


LEGEND:

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- EXISTING TREE CANOPY
- PROPOSED 16' WIDE LIMEROCK ACCESS PATH
- PROPOSED PLANTING AREA
- PROPOSED SHADE BUFFER
- PROPOSED LIMEROCK ROAD
- EXISTING WETLAND
- PROPOSED CONCRETE
- PROPOSED FENCE
- CONSTRUCTION ENTRANCE/EXIT
- PROPOSED TREE BARRICADE
- PROPOSED TREE BARRICADE
- PROPOSED EQUIPMENT PAD (DESIGNED BY OTHERS)
- PROPOSED MEDIUM VOLTAGE RUN (DESIGNED BY OTHERS)
- PROPOSED SOLAR PANEL (DESIGNED BY OTHERS)

FLORIDA POWER CORPORATION
150' RIGHT OF WAY
O.R. 32, PAGE 148

FLORIDA POWER CORPORATION
40' RIGHT OF WAY
O.R. 1119, PAGE 922



KEY SHEET

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THIS SHEET ADJUST
SCALES ACCORDINGLY.

MATCHLINE SHEET C1.17

MATCHLINE SHEET C1.15

MATCHLINE SHEET C1.13

CONSTRUCTION NETWORK

06/05/2023 - SUBMITTAL TO ALACHUA COUNTY
07/31/2023 - SUBMITTAL TO ALACHUA COUNTY
09/05/2023 - SUBMITTAL TO ALACHUA COUNTY
09/21/2023 - SUBMITTAL TO ALACHUA COUNTY

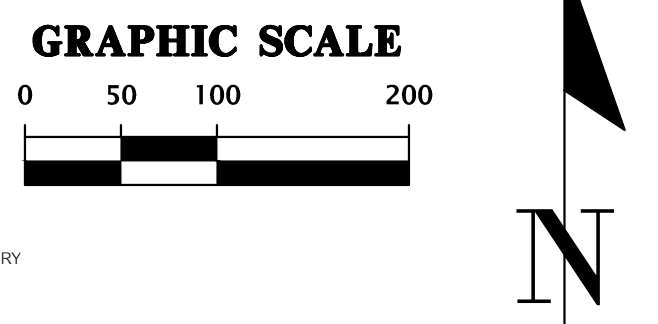
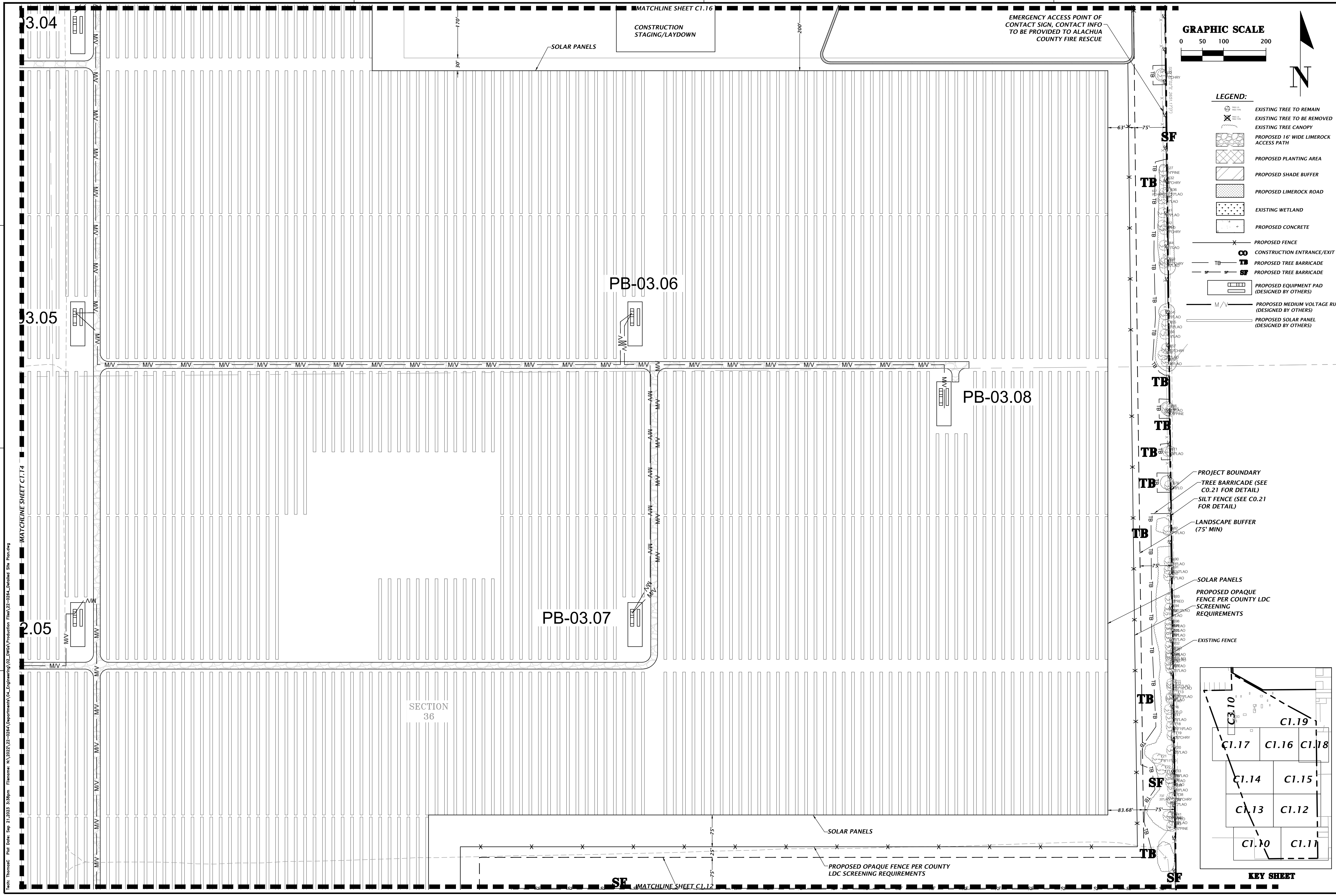
CLIENT: ORGIS ENERGY
PROJECT: ORGIS ENERGY SOLAR FACILITY
SHEET TITLE: DETAILED HORIZONTAL CONTROL AND SITE PLAN

DESIGNER: K.T. MCMAHON
CHECKER: KRISTEN JACKSON
QUALITY CONTROL: M. MASON
PROJECT NUMBER: 22-0264

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State of Florida, Professional
Engineer, License No. 92335
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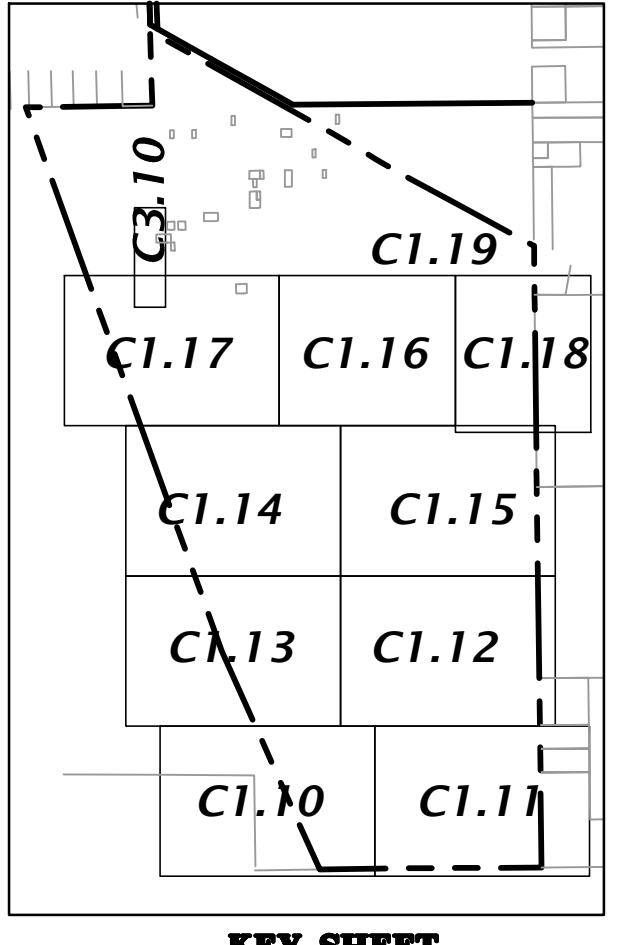
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SHEET NO. **C1.14**



- LEGEND:**
- EXISTING TREE TO REMAIN
 - EXISTING TREE TO BE REMOVED
 - EXISTING TREE CANOPY
 - PROPOSED 16' WIDE LIMEROCK ACCESS PATH
 - PROPOSED PLANTING AREA
 - PROPOSED SHADE BUFFER
 - PROPOSED LIMEROCK ROAD
 - EXISTING WETLAND
 - PROPOSED CONCRETE
 - PROPOSED FENCE
 - CONSTRUCTION ENTRANCE/EXIT
 - PROPOSED TREE BARRICADE
 - PROPOSED TREE BARRICADE
 - PROPOSED EQUIPMENT PAD (DESIGNED BY OTHERS)
 - PROPOSED MEDIUM VOLTAGE RUN (DESIGNED BY OTHERS)
 - PROPOSED SOLAR PANEL (DESIGNED BY OTHERS)

- PROJECT BOUNDARY
- TREE BARRICADE (SEE C0.21 FOR DETAIL)
- SILT FENCE (SEE C0.21 FOR DETAIL)
- LANDSCAPE BUFFER (75' MIN)
- SOLAR PANELS
- PROPOSED OPAQUE FENCE PER COUNTY LDC SCREENING REQUIREMENTS
- EXISTING FENCE



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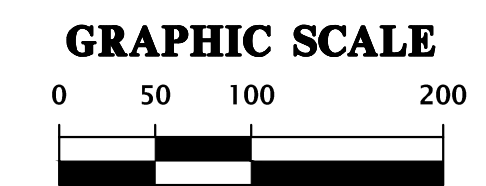
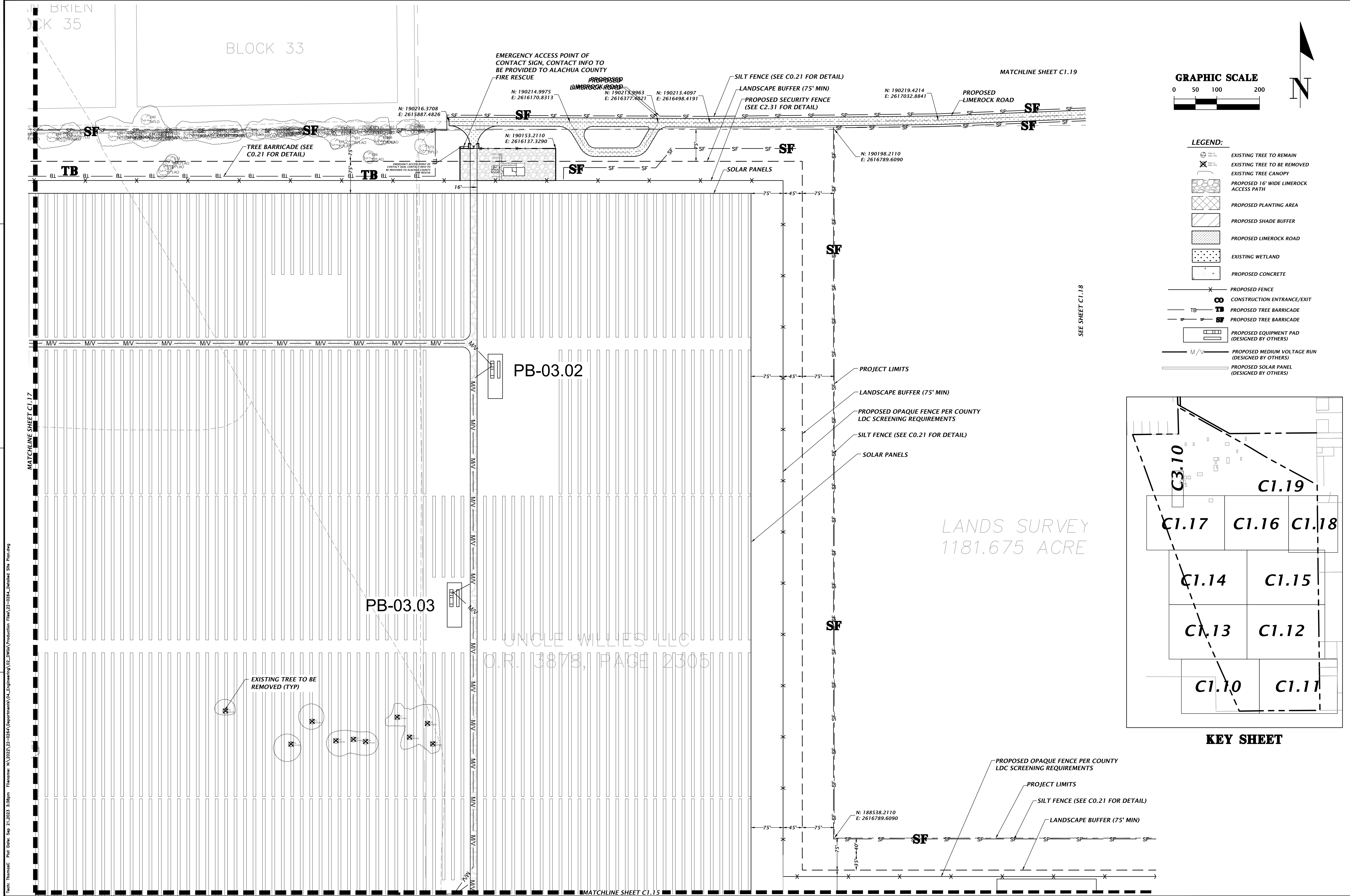
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09/05/2023 - SUBMITTAL TO ALACHUA COUNTY
09/21/2023 - SUBMITTAL TO ALACHUA COUNTY

CLIENT: ORIGIS ENERGY
PROJECT: ORIGIS ENERGY SOLAR FACILITY
SHEET TITLE: DETAILED HORIZONTAL CONTROL AND SITE PLAN

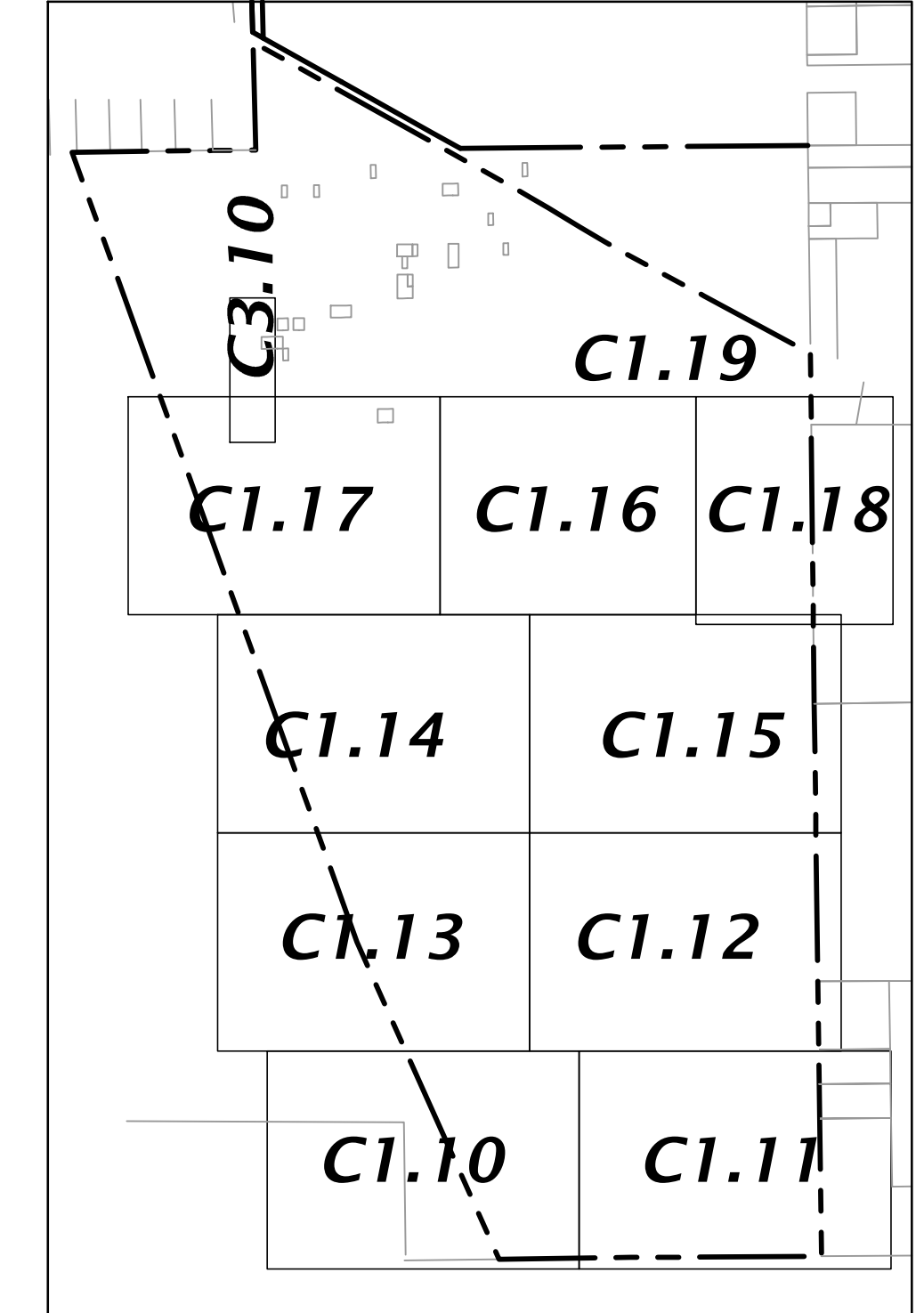
DESIGNER: KRISTEN JACKSON
QUALITY CONTROL: M. MASON
PROJECT NUMBER: 22-0264

MITCHELL G. MASON
Mitchell G. Mason, P.E.
State of Florida, Professional Engineer, License No. 92335
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FL PE No. 92335
SHEET NO. **C1.15**



- LEGEND:**
- EXISTING TREE TO REMAIN
 - EXISTING TREE TO BE REMOVED
 - EXISTING TREE CANOPY
 - PROPOSED 16' WIDE LIMEROCK ACCESS PATH
 - PROPOSED PLANTING AREA
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 - PROPOSED TREE BARRICADE (DESIGNED BY OTHERS)
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 - PROPOSED SOLAR PANEL (DESIGNED BY OTHERS)



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07/31/2023 - SUBMITTAL TO ALACHUA COUNTY
09/05/2023 - SUBMITTAL TO ALACHUA COUNTY
09/21/2023 - SUBMITTAL TO ALACHUA COUNTY

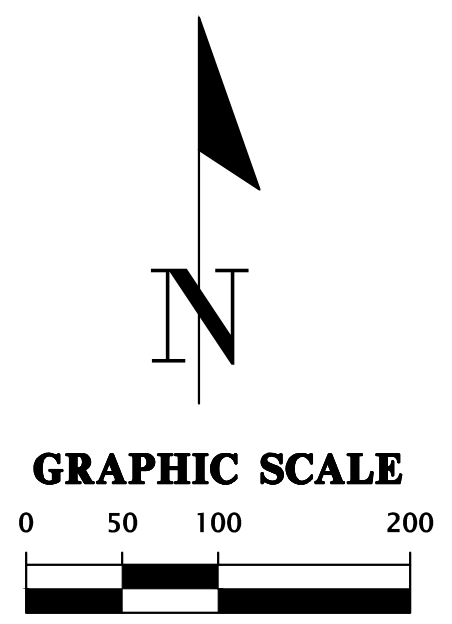
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PROJECT: ORIGIS ENERGY SOLAR FACILITY
SHEET TITLE: DETAILED HORIZONTAL CONTROL AND SITE PLAN

DESIGNER: KET MCMAHON
CHECKER: KRISTEN JACKSON
PROJECT NUMBER: M MASON
PROJECT NUMBER: 22-0264

MITCHELL G. MASON
Mitchell G. Mason, P.E.
State of Florida, Professional Engineer, License No. 92335
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SHEET NO. **C1.16**

Title: Thomas; Plot Date: Sep 21, 2023 3:38pm; Filename: N:\2023\22-0264\Department\CA_Engineering\02_DWG\Production\TMA\22-0264_Detailed_Site_Plan.dwg



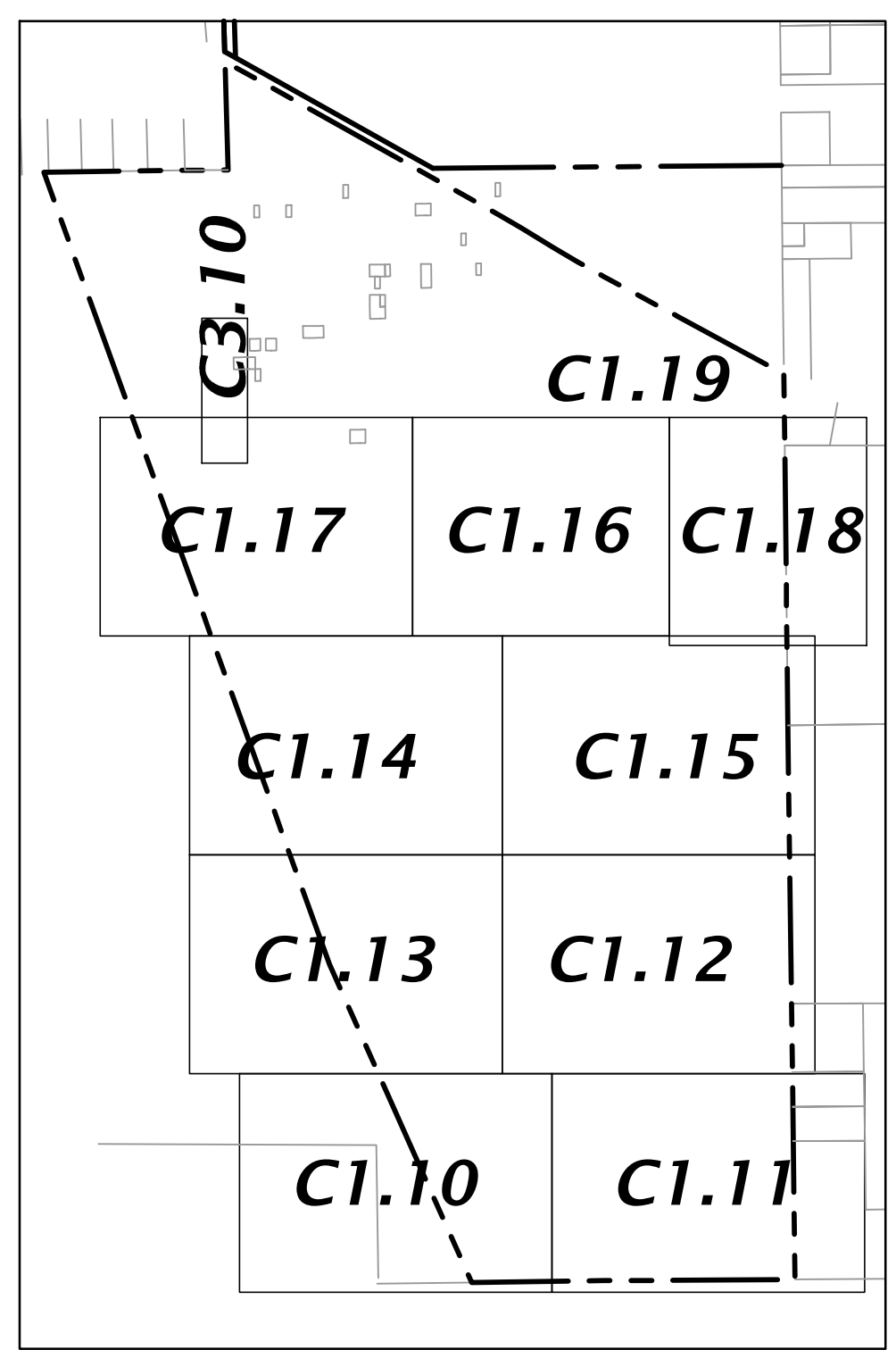
GRAPHIC SCALE

FLORIDA POWER CORPORATION
40' RIGHT OF WAY
O.R. 1119, PAGE 922

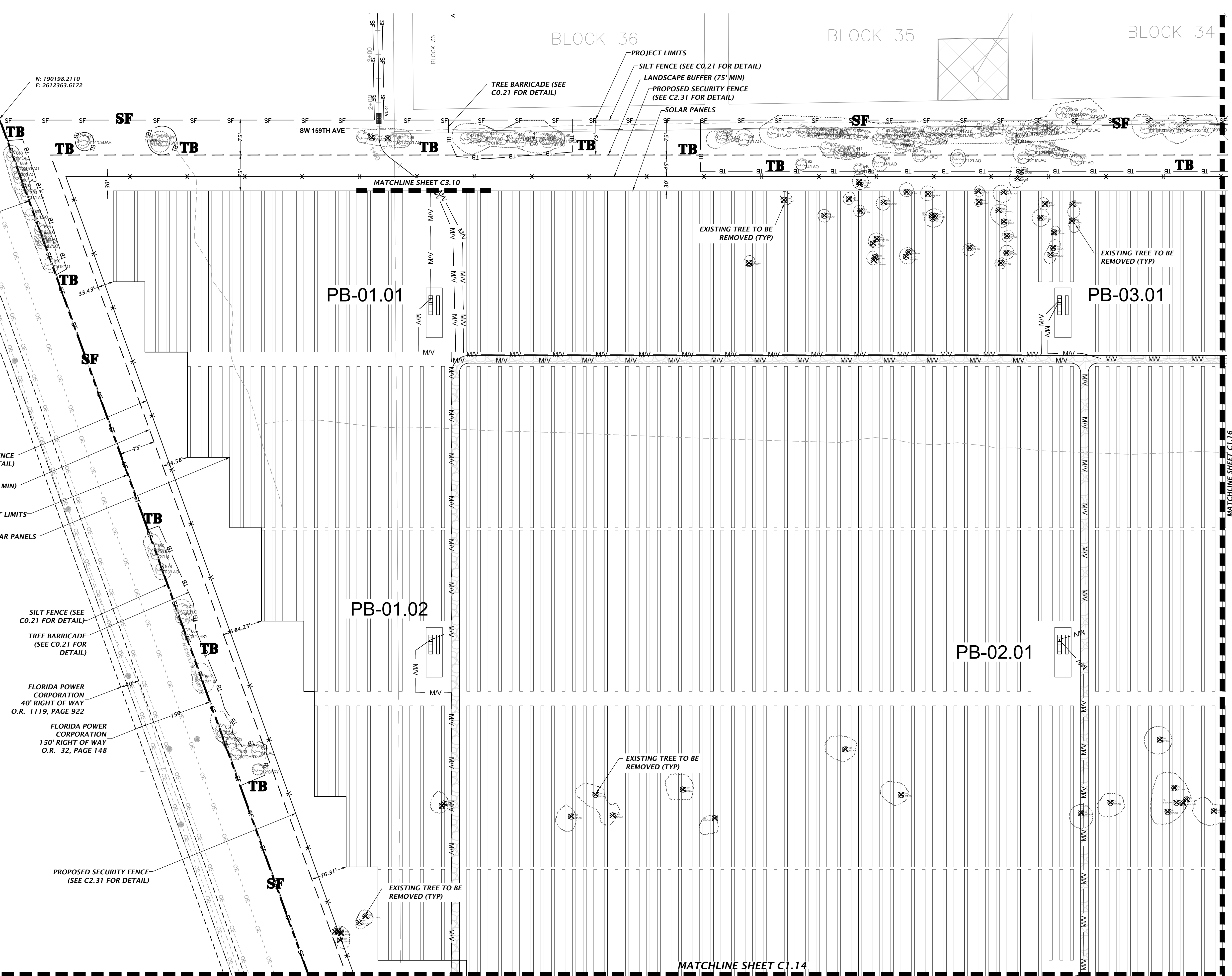
FLORIDA POWER CORPORATION
150' RIGHT OF WAY
O.R. 32, PAGE 148

LEGEND:

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- EXISTING TREE CANOPY
- PROPOSED 16' WIDE LIMEROCK ACCESS PATH
- PROPOSED PLANTING AREA
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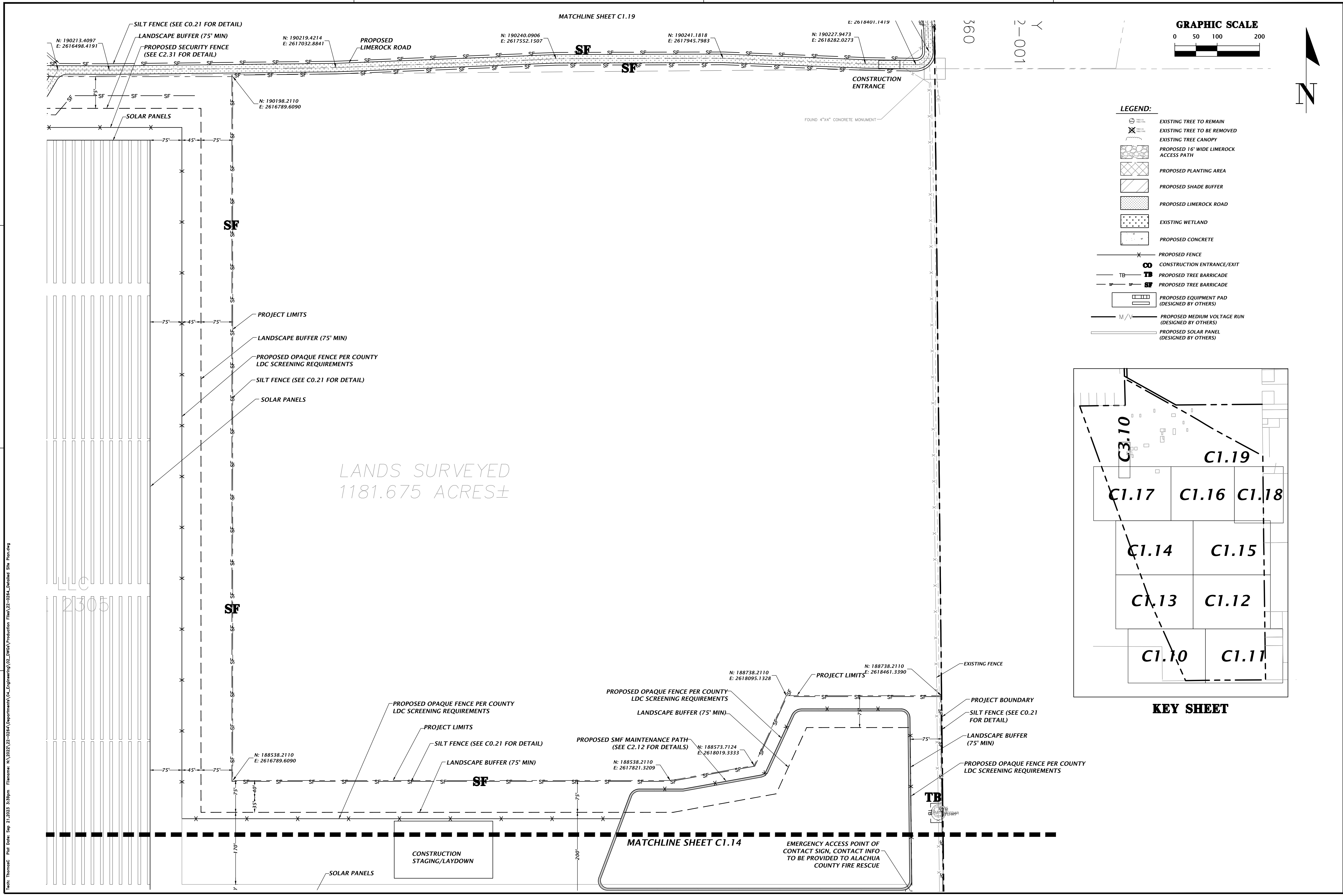


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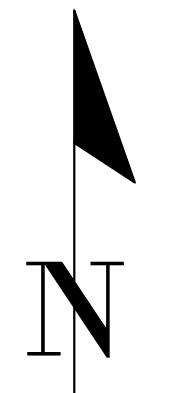
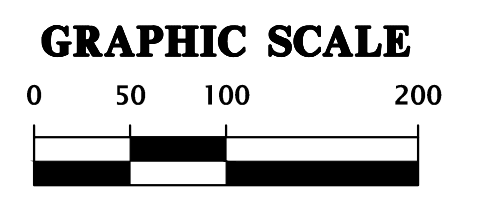
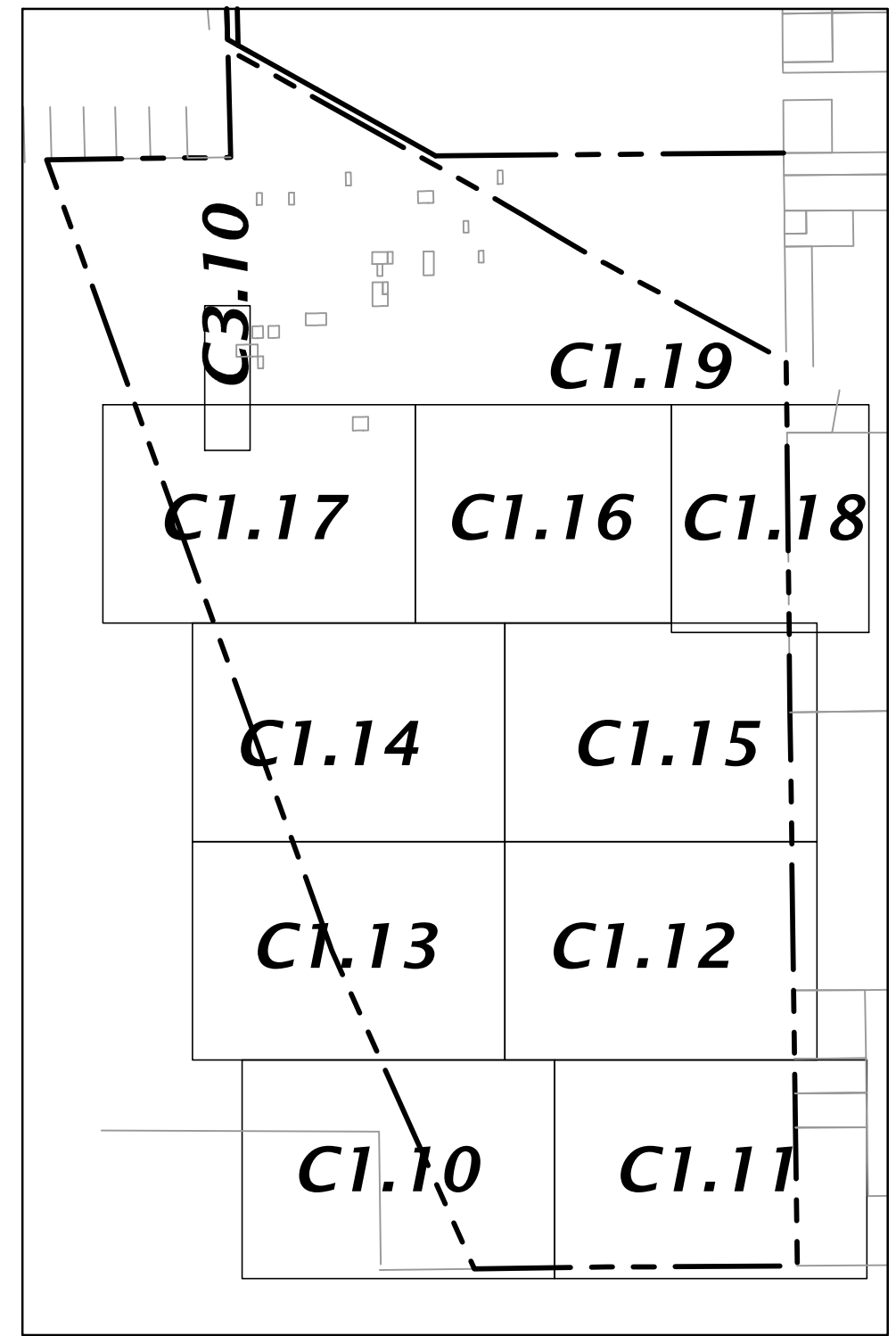


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| | |
|--|--|
| | |
| Professional Consultants | |
| 11801 Research Drive Alachua, Florida 32615 (352) 351-1976 www.ch2m-inc.com est. 1988 FLORIDA CA-5075 | |
| SCALE: 1"=100' VERIFY SCALE ON ORIGINAL DRAWING 0 IMPROVE THE ACCURACY OF THIS SHEET. ADJUST SCALES ACCORDINGLY. | CONSTRUCTION REVISIONS 06/05/2023 - SUBMITTAL TO ALACHUA COUNTY 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY |
| CLIENT: ORGIS ENERGY PROJECT: ORGIS ENERGY SOLAR FACILITY SHEET TITLE: DETAILED HORIZONTAL CONTROL AND SITE PLAN | DESIGNER: KEVIN JACOBSON QUALITY CONTROL: M. MASON PROJECT NUMBER: 22-0264 |
| Mitchell G. Mason, P.E. State of Florida, Professional Engineer, License No. 92335 This item has been digitally signed and sealed by Mitchell G. Mason, P.E. on the date indicated here: 09/21/2023 Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies. | |
| FL PE No. 92335 C1.17 | |



LANDS SURVEYED
1181.675 ACRES±



- LEGEND:**
- EXISTING TREE TO REMAIN
 - EXISTING TREE TO BE REMOVED
 - EXISTING TREE CANOPY
 - PROPOSED 16' WIDE LIMEROCK ACCESS PATH
 - PROPOSED PLANTING AREA
 - PROPOSED SHADE BUFFER
 - PROPOSED LIMEROCK ROAD
 - EXISTING WETLAND
 - PROPOSED CONCRETE
 - PROPOSED FENCE
 - CONSTRUCTION ENTRANCE/EXIT
 - PROPOSED TREE BARRICADE
 - PROPOSED TREE BARRICADE
 - PROPOSED EQUIPMENT PAD (DESIGNED BY OTHERS)
 - PROPOSED MEDIUM VOLTAGE RUN (DESIGNED BY OTHERS)
 - PROPOSED SOLAR PANEL (DESIGNED BY OTHERS)

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SCALE: 1"=100'
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0"=0" FOR THE PURPOSE OF THIS SHEET, ADJUST SCALES ACCORDINGLY.

SUBMITTALS:
06/05/2023 - SUBMITTAL TO ALACHUA COUNTY
07/31/2023 - SUBMITTAL TO ALACHUA COUNTY
09/05/2023 - SUBMITTAL TO ALACHUA COUNTY
09/21/2023 - SUBMITTAL TO ALACHUA COUNTY

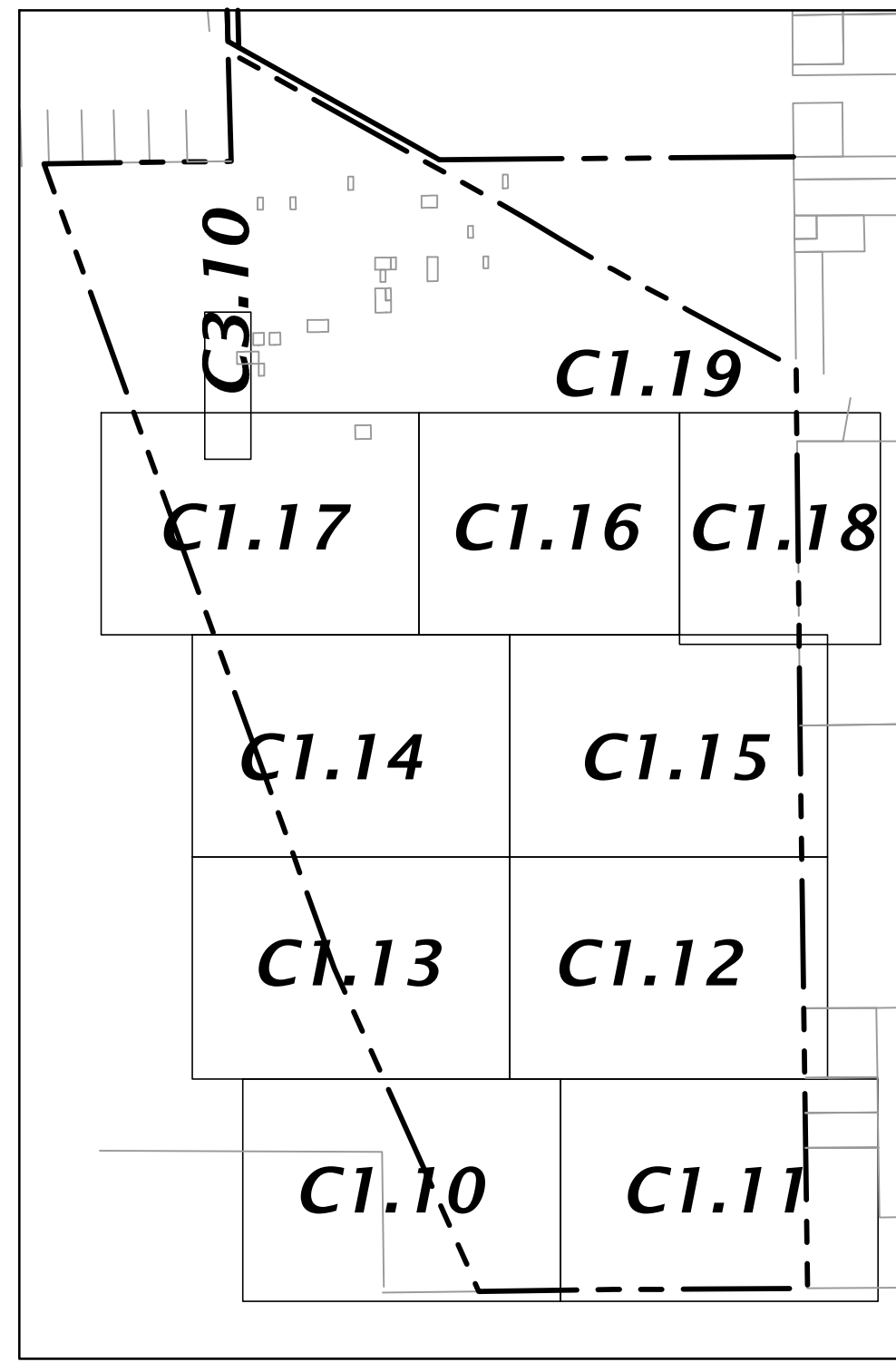
CLIENT: ORIGIS ENERGY
PROJECT: ORIGIS ENERGY SOLAR FACILITY
SHEET TITLE: DETAILED HORIZONTAL CONTROL AND SITE PLAN

DESIGNER: MITCHELL G. MASON
CHECKER: KRISTEN JACKSON
QUALITY CONTROL: M. MASON
PROJECT NUMBER: 22-0264

MITCHELL G. MASON
Professional Engineer, License No. 92335
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FL PE No. 92335
SHEET NO. **C1.18**

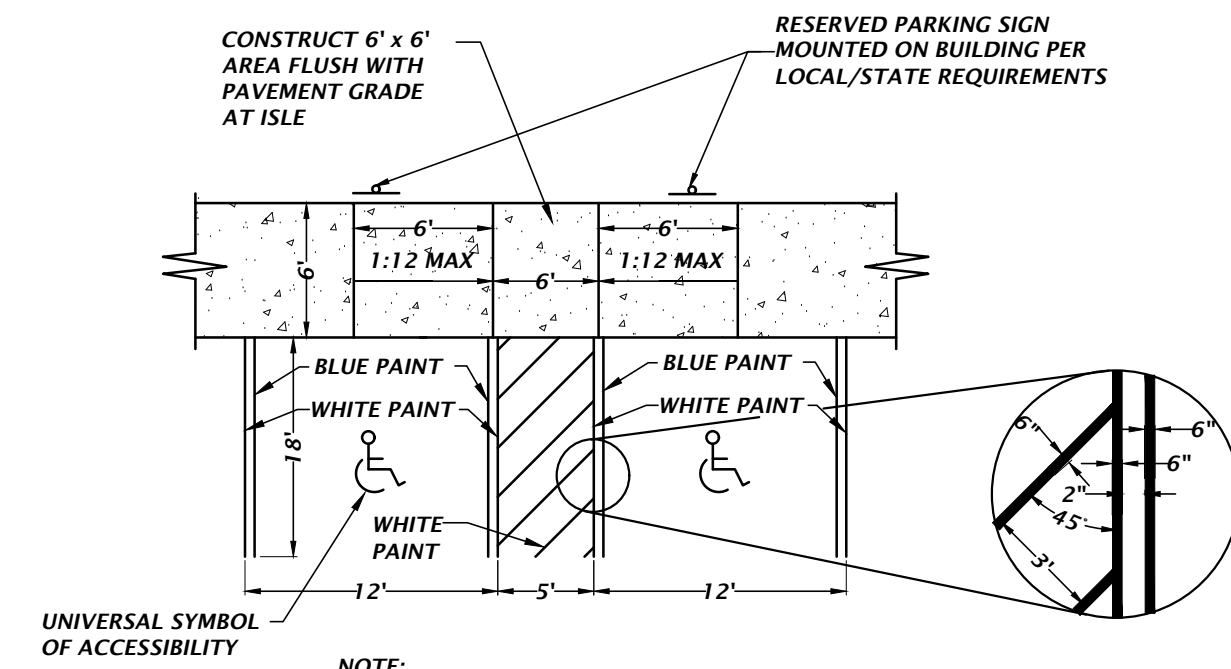
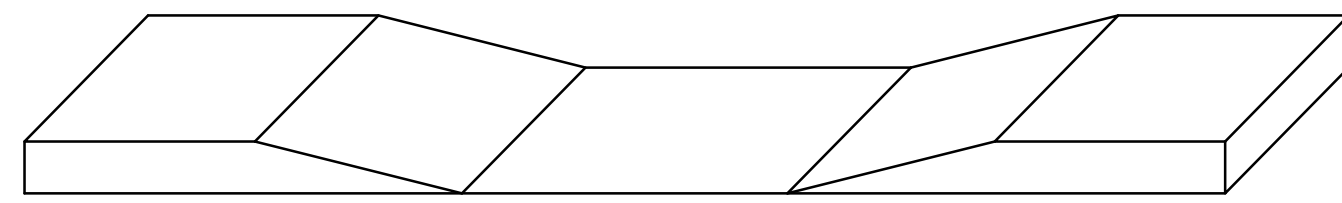
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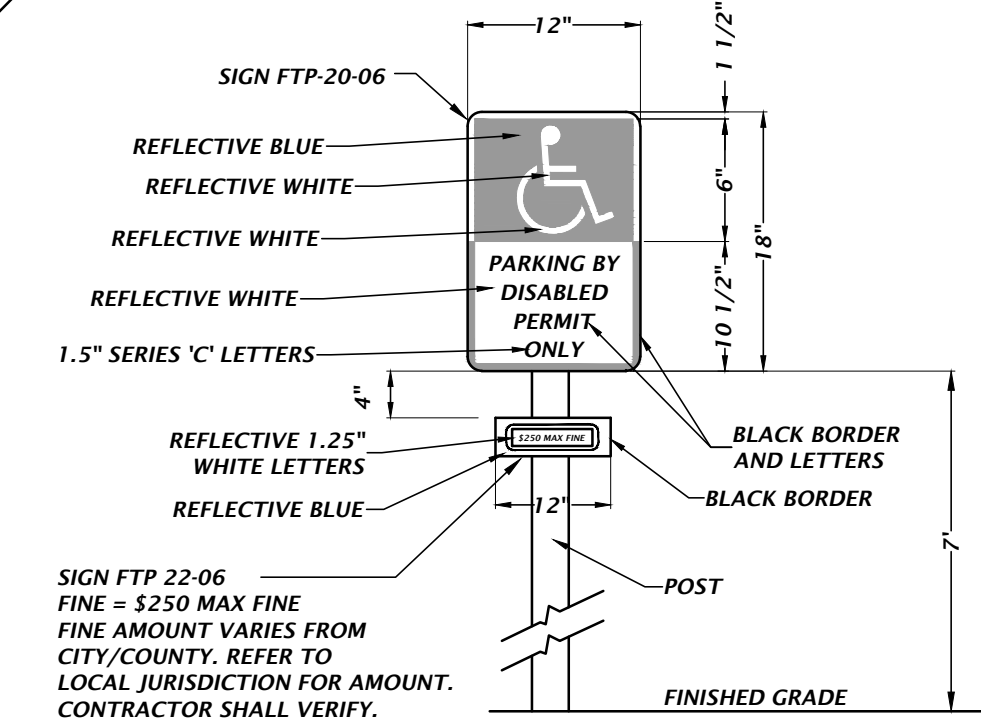
KEY SHEET

- LEGEND:**
- EXISTING TREE TO REMAIN
 - EXISTING TREE TO BE REMOVED
 - EXISTING TREE CANOPY
 - PROPOSED 16' WIDE LIMEROCK ACCESS PATH
 - PROPOSED PLANTING AREA
 - PROPOSED SHADE BUFFER
 - PROPOSED LIMEROCK ROAD
 - EXISTING WETLAND
 - PROPOSED CONCRETE
 - PROPOSED FENCE
 - CONSTRUCTION ENTRANCE/EXIT
 - PROPOSED TREE BARRICADE
 - PROPOSED TREE BARRICADE
 - PROPOSED EQUIPMENT PAD (DESIGNED BY OTHERS)
 - PROPOSED MEDIUM VOLTAGE RUN (DESIGNED BY OTHERS)
 - PROPOSED SOLAR PANEL (DESIGNED BY OTHERS)

MAINTENANCE OF TRAFFIC (MOT) NOTE:
 1. CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS ON SW 107TH ST THROUGHOUT CONSTRUCTION

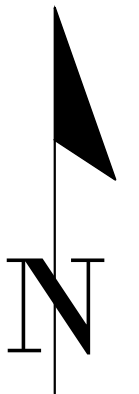
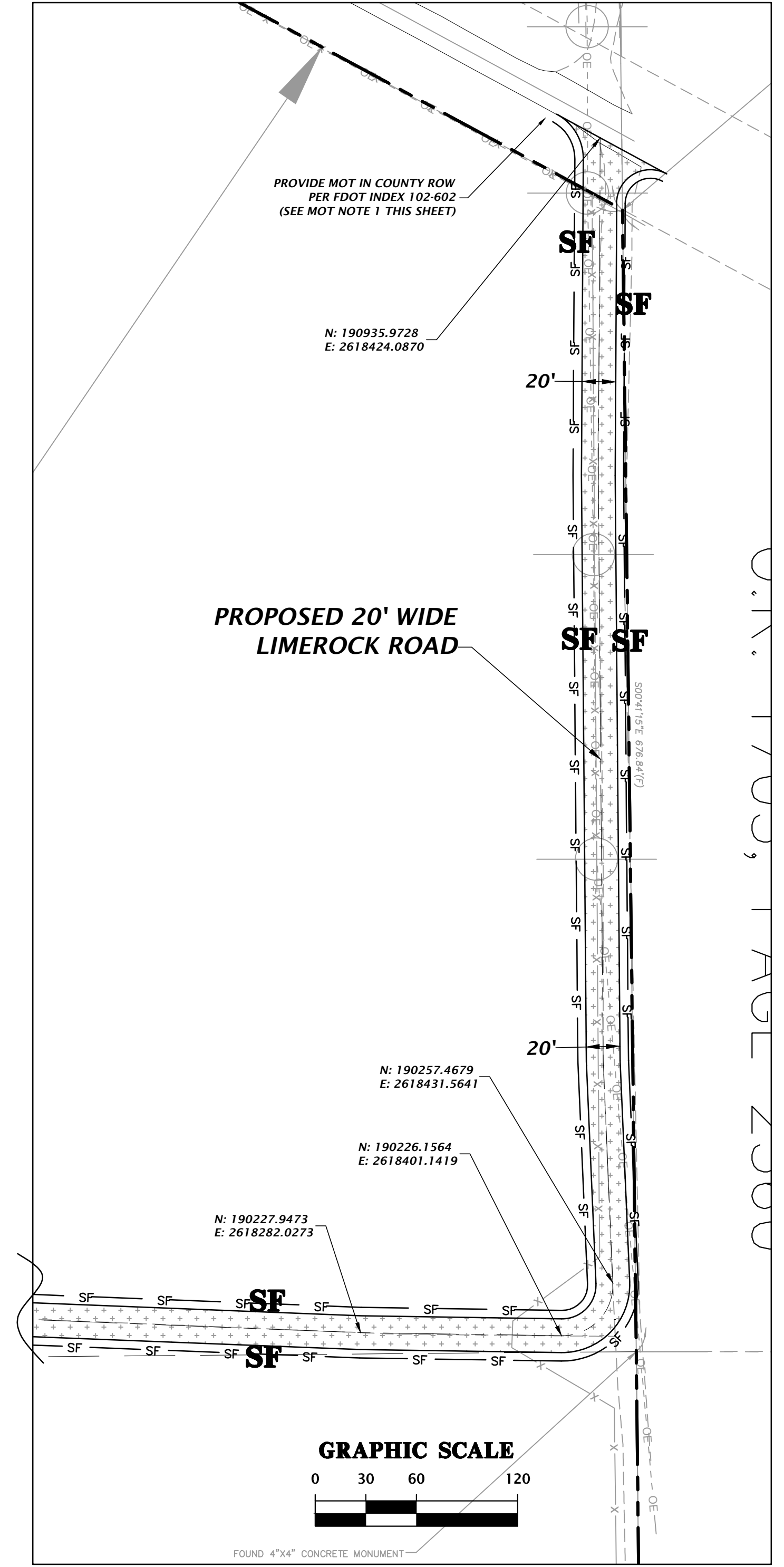
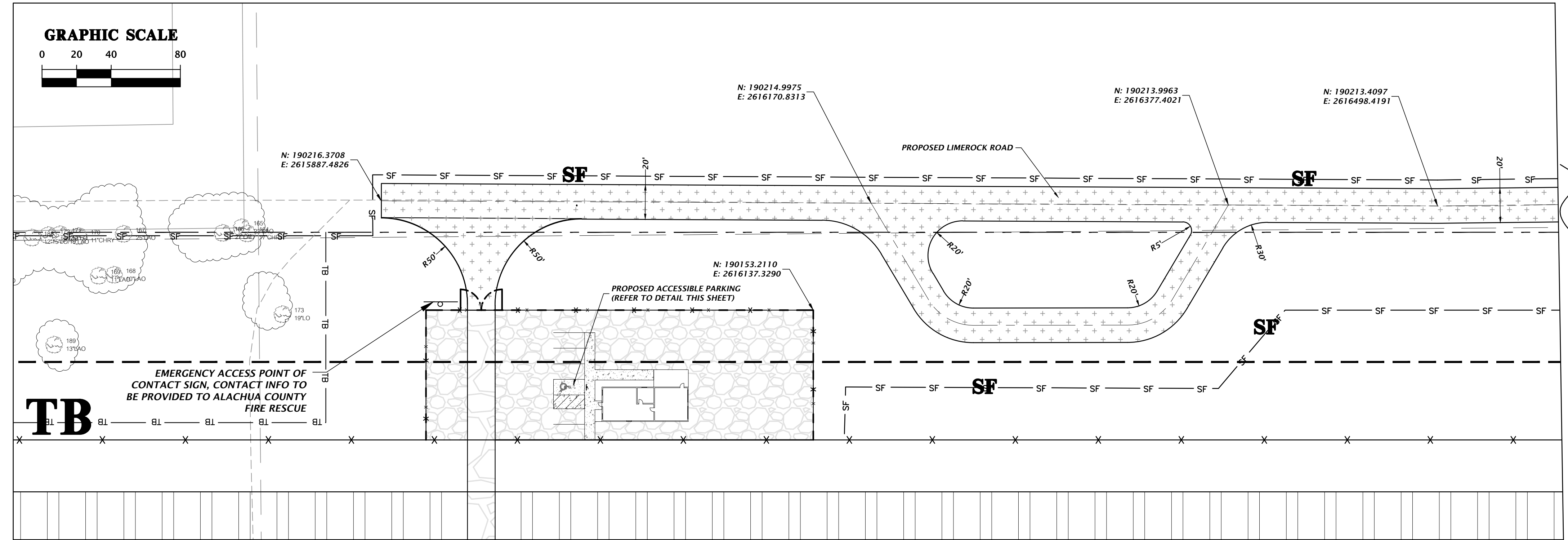
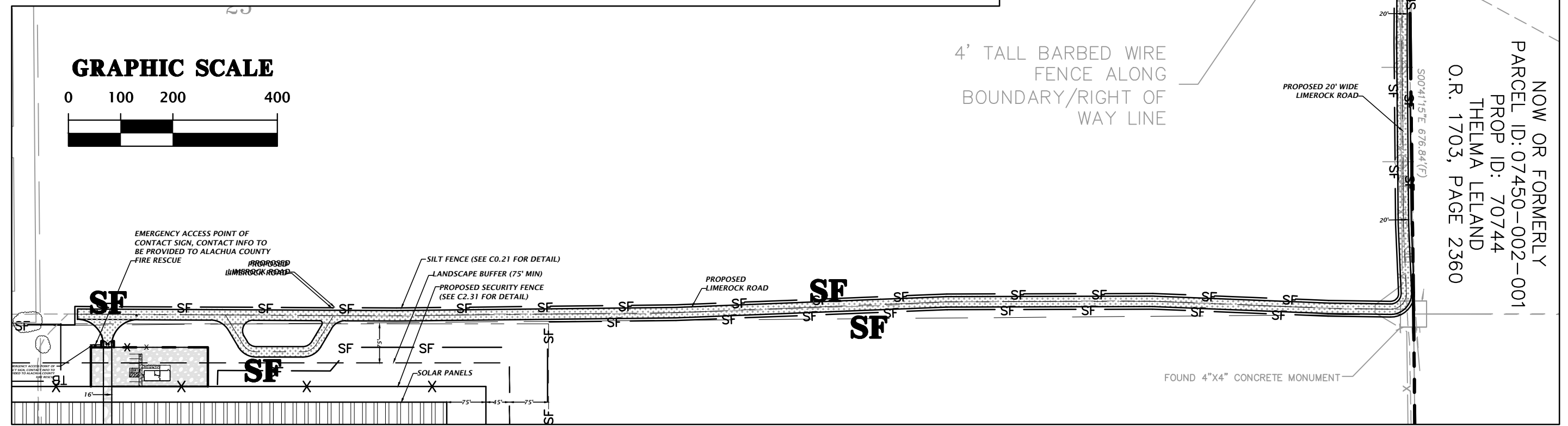


ACCESSIBLE PARKING & RAMP DETAIL



SIGN NOTES:
 1. SIGN CONSTRUCTION, DESIGN AND PLACEMENT SHALL COMPLY WITH STATE AND LOCAL STATUTES.

ACCESSIBLE PARKING SIGN DETAIL



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SCALE:
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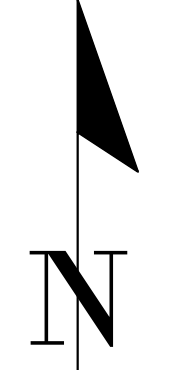
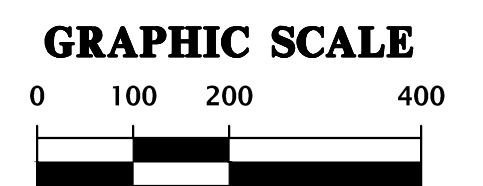
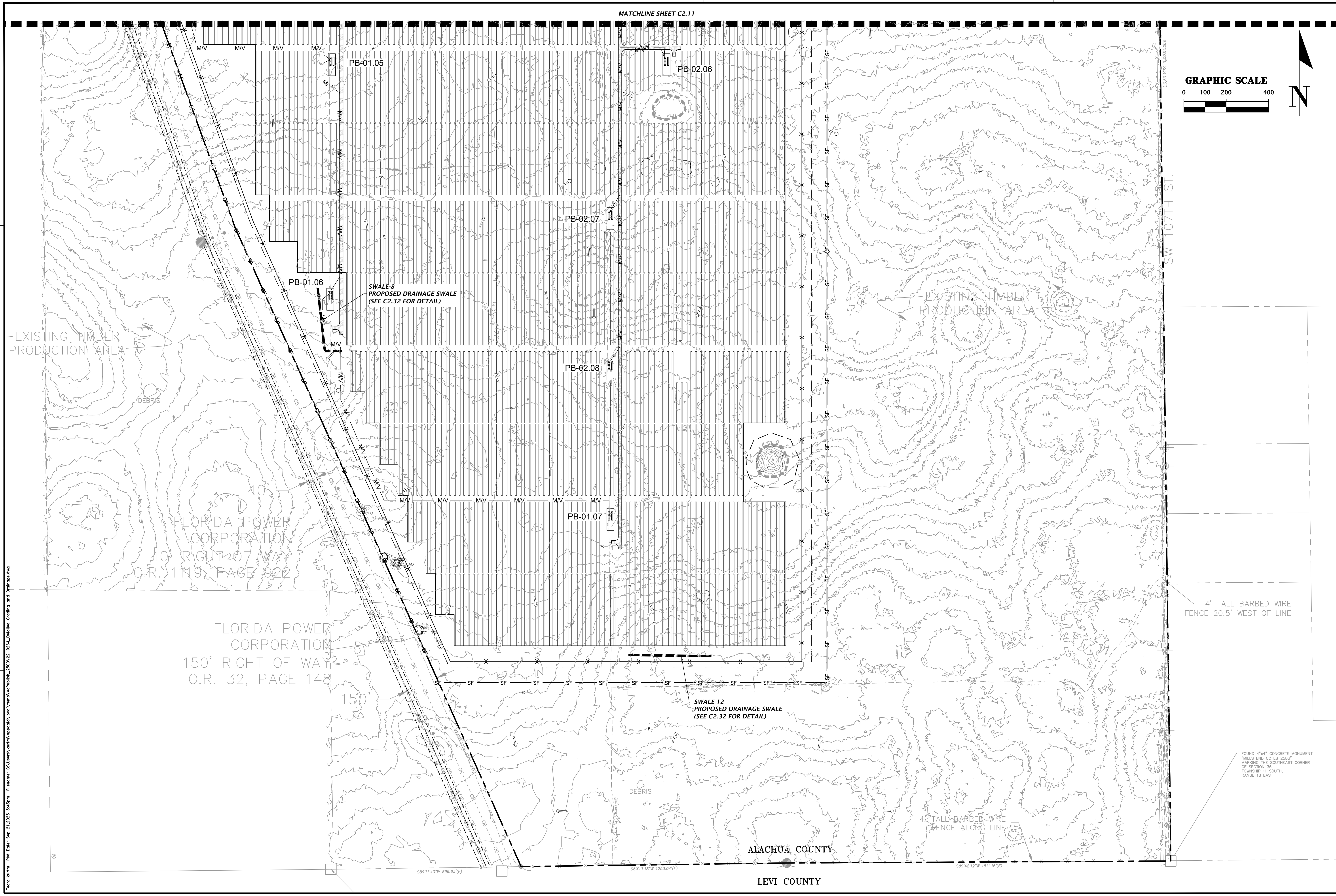
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 06/05/2023 - SUBMITTAL TO ALACHUA COUNTY
 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY
 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY
 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY

CLIENT:
 ORIGIS ENERGY
 PROJECT:
 ORIGIS ENERGY SOLAR FACILITY
 SHEET TITLE:
 DETAILED HORIZONTAL CONTROL AND SITE PLAN

DESIGNER:
 KRISTEN JACKSON
 PROJECT NUMBER:
 22-0264

MITCHELL G. MASON
 State of Florida, Professional Engineer, License No. 92335
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FL PE No. 92335
 SHEET NO.
C1.19



MATCHLINE SHEET C2.11

SW 10TH ST.

FLORIDA POWER CORPORATION
40' RIGHT OF WAY
O.R. 119, PAGE 922

FLORIDA POWER CORPORATION
150' RIGHT OF WAY
O.R. 32, PAGE 148

EXISTING TIMBER
PRODUCTION AREA

4' TALL BARBED WIRE
FENCE 20.5' WEST OF LINE

TALL BARBED WIRE
FENCE ALONG LINE

SWALE-12
PROPOSED DRAINAGE SWALE
(SEE C2.32 FOR DETAIL)

SWALE-8
PROPOSED DRAINAGE SWALE
(SEE C2.32 FOR DETAIL)

PB-01.05

PB-02.06

PB-02.07

PB-01.06

PB-02.08

PB-01.07

ALACHUA COUNTY

LEVI COUNTY

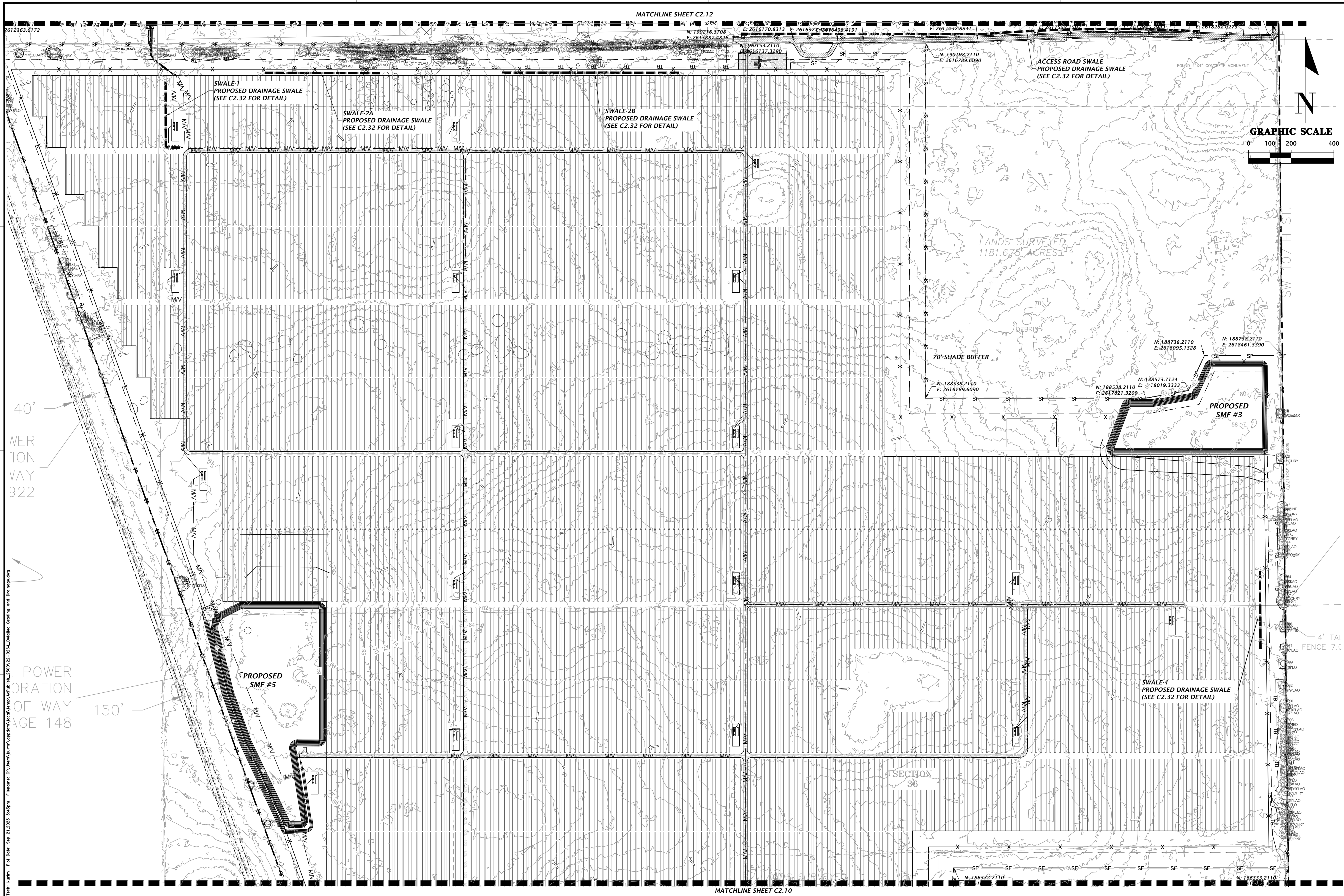
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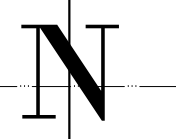
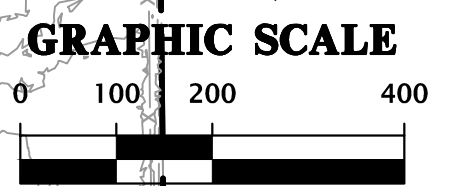
589°42'12"W 1811.16'(F)

| | |
|--|--|
| <p>1801 Research Drive Alachua, Florida 32615 (352) 351-1976 www.chw-inc.com est. 1988 FLORIDA CA-5075</p> | |
| <p>CHW Professional Consultants</p> | |
| <p>SCALE: 1"=200'</p> <p>VERIFY SCALE ON ORIGINAL DRAWING</p> <p>0 = 1" = 200' (AS SHOWN) THIS SHEET, ADJUST SCALES ACCORDINGLY.</p> | <p>CONSTRUCTION BY PERSONS:</p> |
| <p>DATE: 06/05/2023 - SUBMITTAL TO ALACHUA COUNTY 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY</p> | <p>CLIENT: ORIGIS ENERGY</p> <p>PROJECT: ORIGIS ENERGY SOLAR FACILITY</p> <p>SHEET TITLE: DETAILED GRADING AND DRAINAGE PLAN</p> |
| <p>DESIGNER: K.T. MCMAHON</p> <p>QUALITY CONTROL: KRISTEN JACKSON</p> <p>PROJECT NUMBER: M MASON</p> <p>PROJECT NUMBER: 22-0264</p> | <p>DESIGNED BY: MITCHELL G. MASON</p> <p>State of Florida, Professional Engineer, License No. 92335</p> <p>This item has been digitally signed and sealed by Mitchell G. Mason, P.E. on the date indicated here: 08/23/2023</p> <p>Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.</p> |
| <p>FL PE No. 92335</p> <p>SHEET NO. C2.10</p> | |

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MATCHLINE SHEET C2.12



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 N: 186333.2110 E: 2618633.2110

SWALE-1 PROPOSED DRAINAGE SWALE (SEE C2.32 FOR DETAIL)
 SWALE-2A PROPOSED DRAINAGE SWALE (SEE C2.32 FOR DETAIL)
 SWALE-2B PROPOSED DRAINAGE SWALE (SEE C2.32 FOR DETAIL)
 SWALE-4 PROPOSED DRAINAGE SWALE (SEE C2.32 FOR DETAIL)
 ACCESS ROAD SWALE PROPOSED DRAINAGE SWALE (SEE C2.32 FOR DETAIL)
 70'-SHADE BUFFER
 PROPOSED SMF #3
 PROPOSED SMF #5
 LANDS SURVEYED 1181.675 ACRES
 DEBRIS
 4' TALL FENCE 7.0'
 SECTION 36
 MERION WAY 322 40'
 POWER CORRIDOR OF WAY 148 150'

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SCALE: 1"=200'
 VERIFY SCALE ON ORIGINAL DRAWING
 THIS SHEET HAS BEEN ADJUSTED TO THIS SCALE ACCORDINGLY.

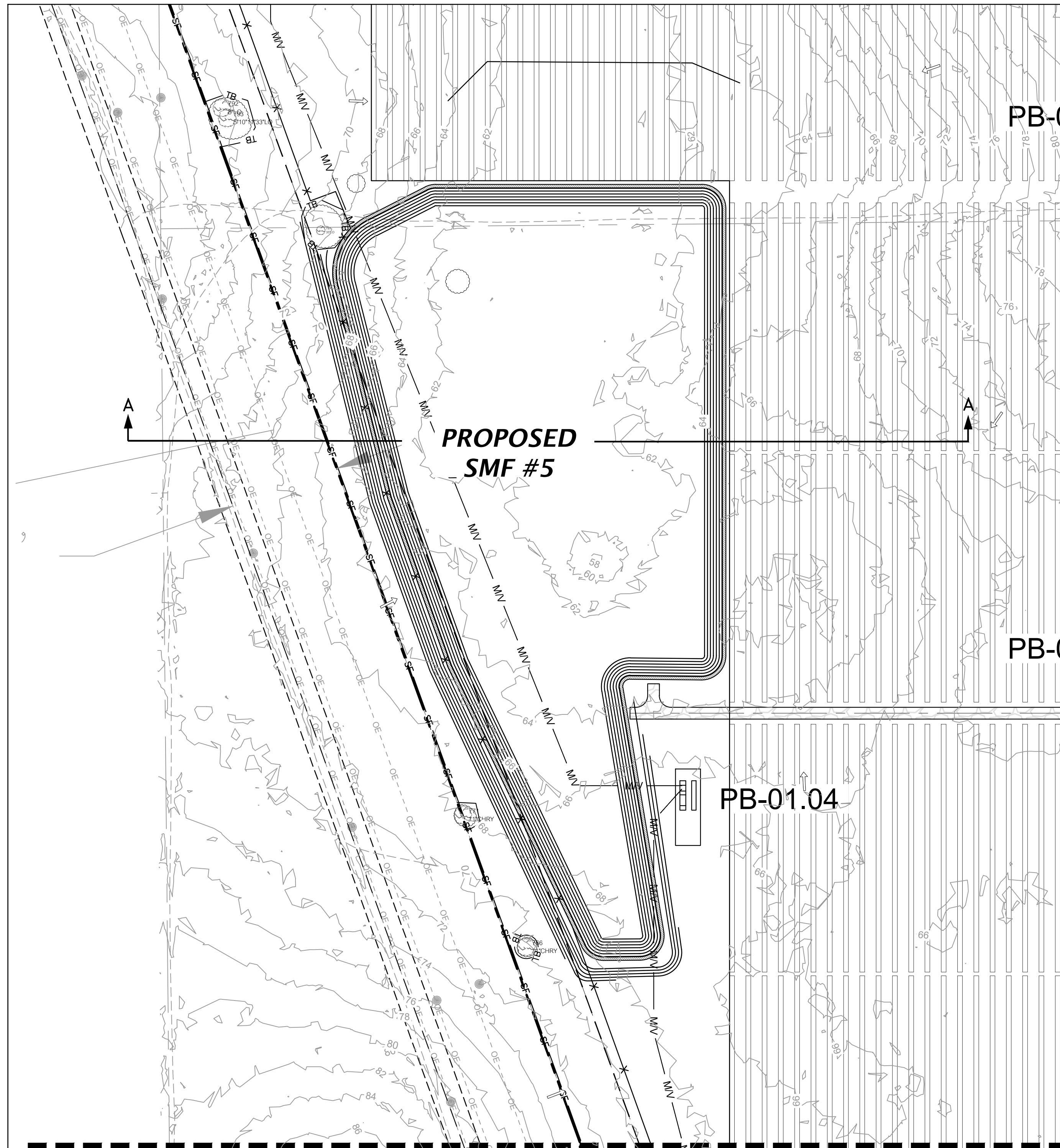
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 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY
 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY
 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY

CLIENT: ORIGIS ENERGY
 PROJECT: ORIGIS ENERGY SOLAR FACILITY
 SHEET TITLE: DETAILED GRADING AND DRAINAGE PLAN

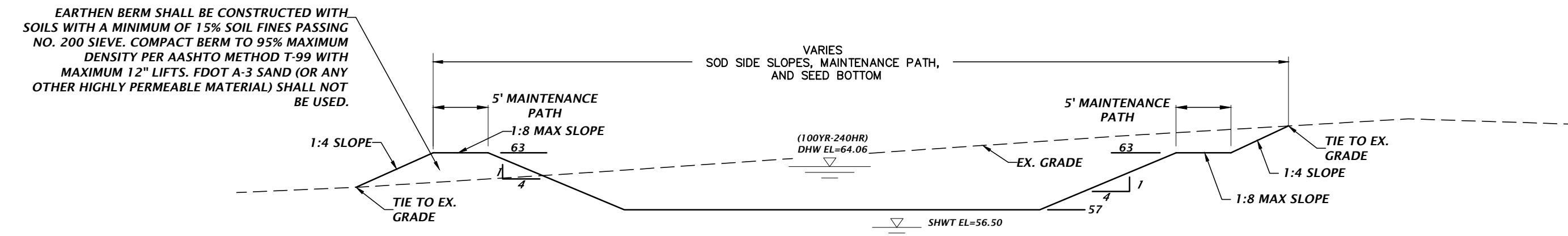
DESIGNER: K.T. MCMATHON
 CHECKER: KRISTEN JACKSON
 QUALITY CONTROL: M. MASON
 PROJECT NUMBER: 22-0264

MITCHELL G. MASON
 Mitchell G. Mason, P.E.
 State of Florida, Professional Engineer, License No. 92335
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FL PE No. 92335
 SHEET NO. **C2.11**

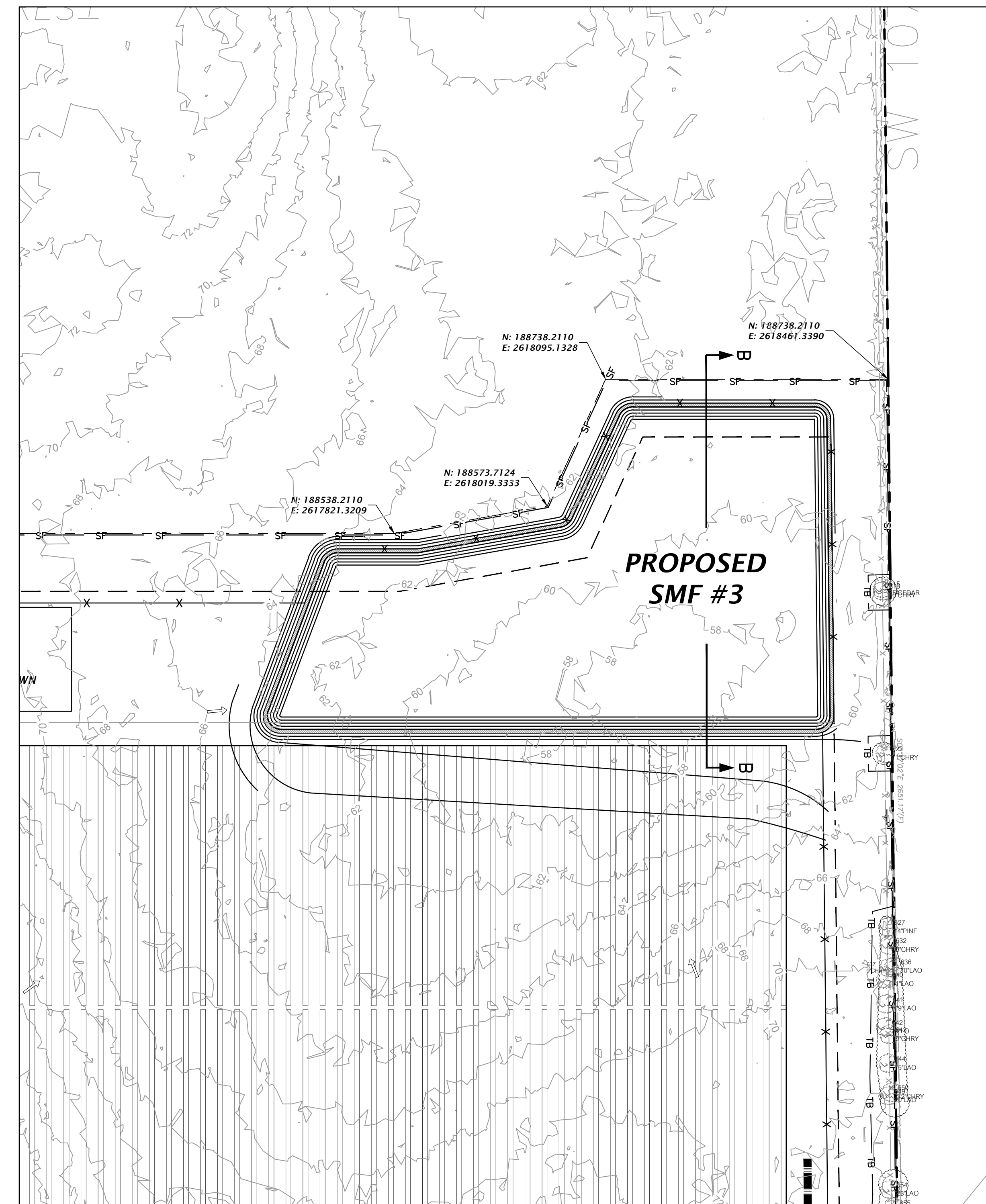


SEE SHEET C.2.32 FOR ON SITE RETENTION AREA TABLE

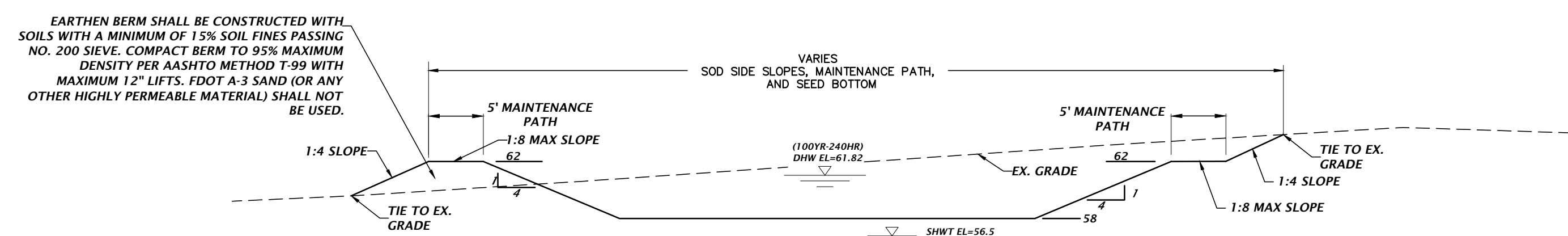


1. IF A CONTINUOUS LIMESTONE FORMATION IS ENCOUNTERED IN THE BASIN AREA CONTACT THE ENGINEER OF RECORD. THE LIMESTONE SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 3 FEET BEYOND THE BASIN UNDERCUT LIMITS.
2. IF A SOLUTION PIPE SINKHOLE DOES FORM IN THE STORMWATER BASIN, THEN THE SINKHOLE SHALL BE REPAIRED BY BACKFILLING WITH MATERIAL OF LOWER PERMEABILITY MATERIAL, SUCH AS CLAYEY SAND OR CLAY. THE MATERIAL SHALL BE COMPACTED AND THE SINKHOLE REPAIR SHOULD BRING THE SURFACE BACK TO AN ELEVATION WHICH IS SLIGHTLY ABOVE THE ORIGINAL BOTTOM, CREATING A SMALL MOUND.

**STORMWATER MANAGEMENT FACILITY
CROSS SECTION A-A**

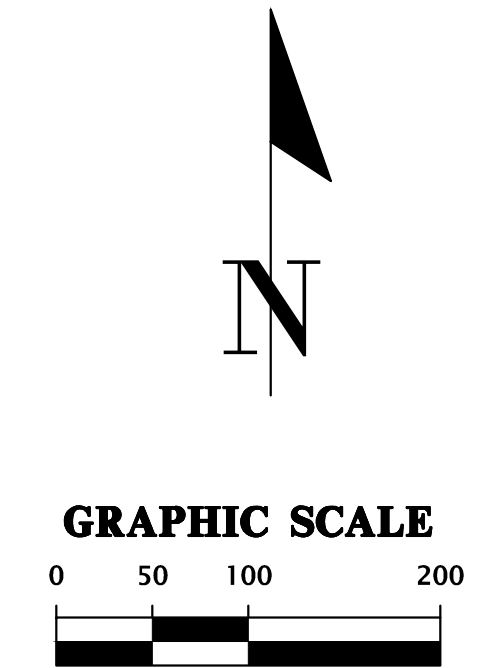


SEE SHEET C.2.32 FOR ON SITE RETENTION AREA TABLE



1. IF A CONTINUOUS LIMESTONE FORMATION IS ENCOUNTERED IN THE BASIN AREA CONTACT THE ENGINEER OF RECORD. THE LIMESTONE SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 3 FEET BEYOND THE BASIN UNDERCUT LIMITS.
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**STORMWATER MANAGEMENT FACILITY
CROSS SECTION B-B**



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CONSTRUCTION HISTORY:
06/05/2023 - SUBMITTAL TO ALACHUA COUNTY
07/31/2023 - SUBMITTAL TO ALACHUA COUNTY
09/05/2023 - SUBMITTAL TO ALACHUA COUNTY
09/21/2023 - SUBMITTAL TO ALACHUA COUNTY

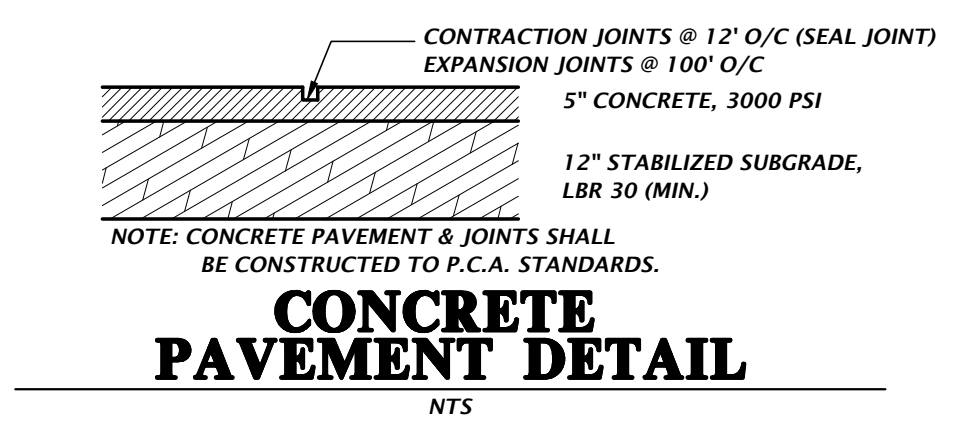
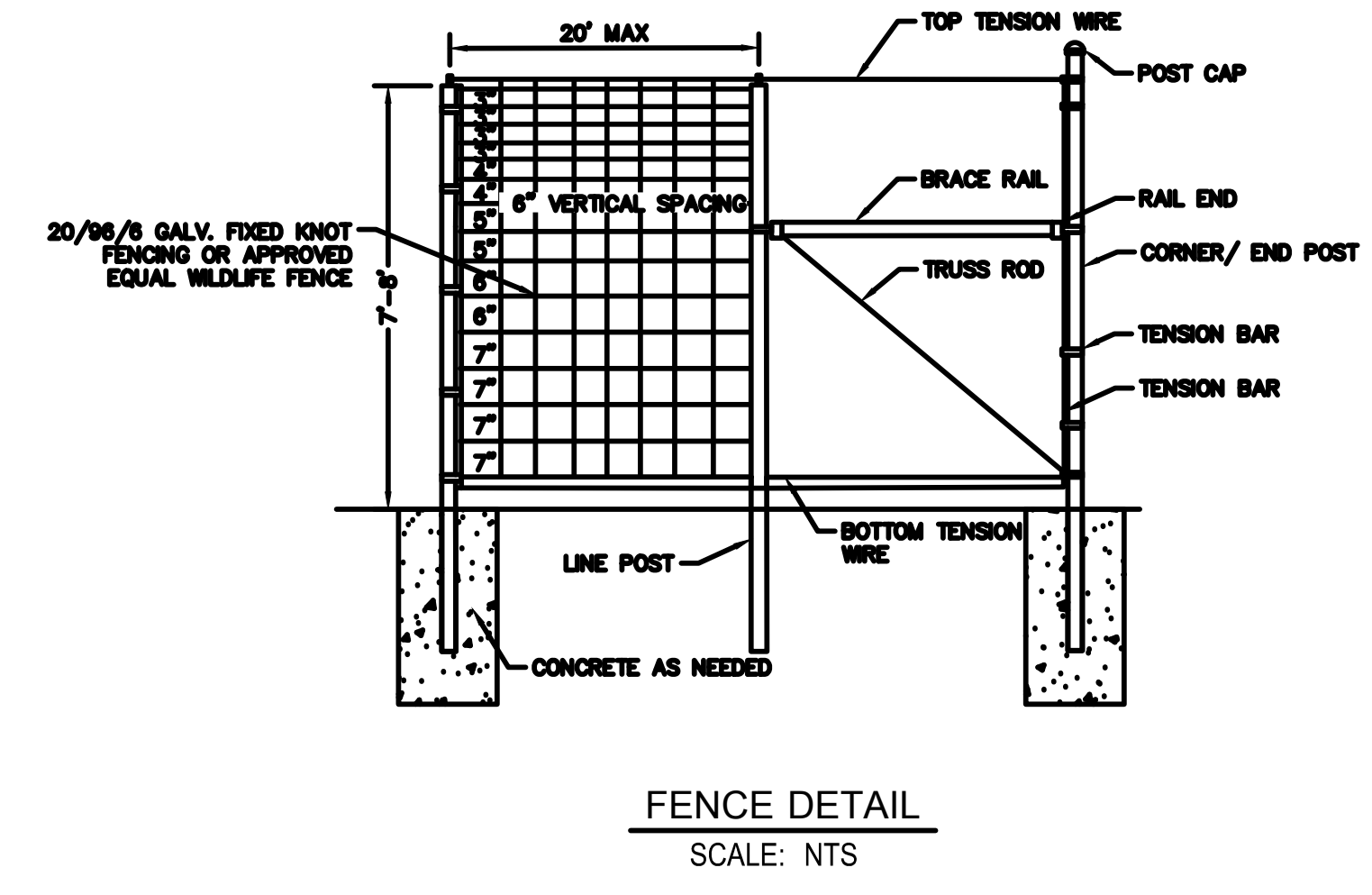
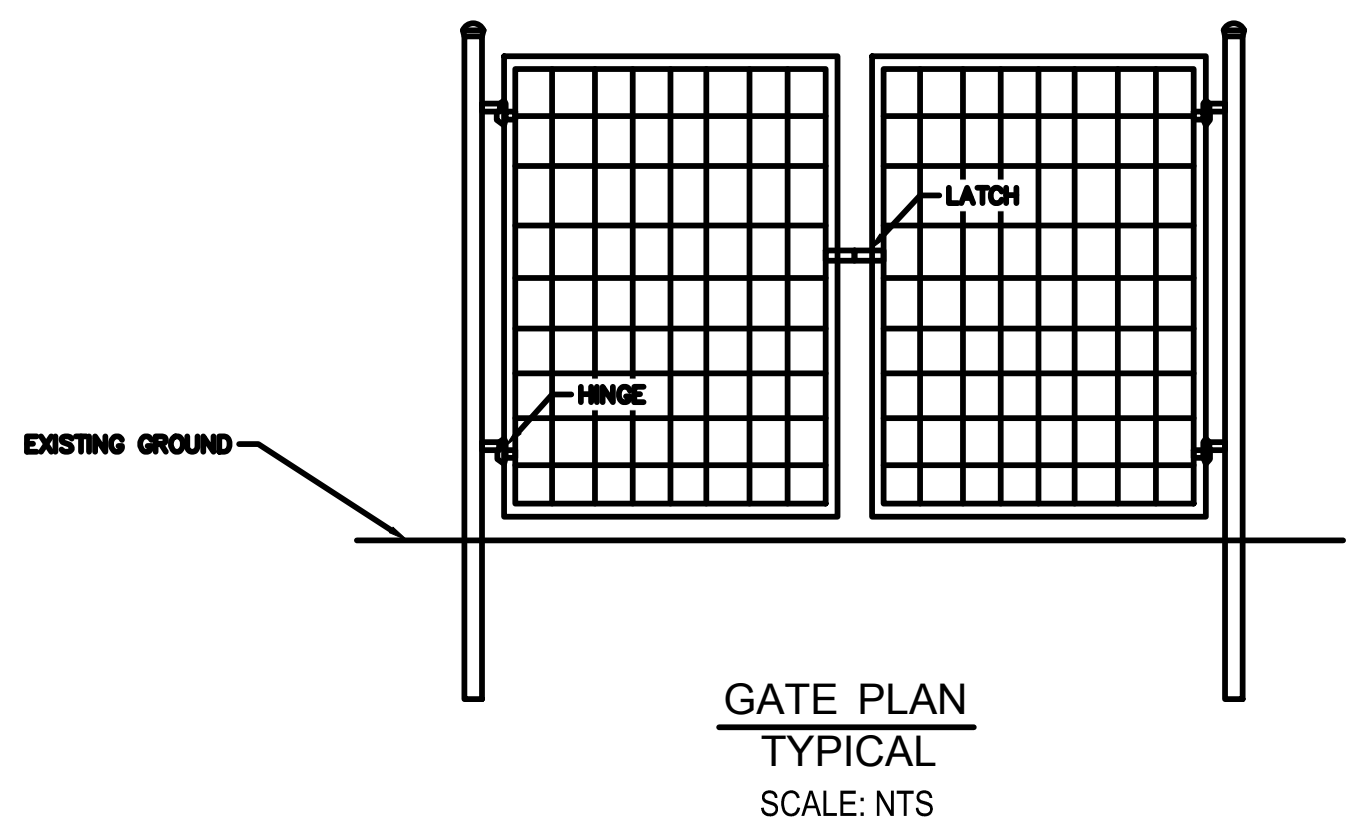
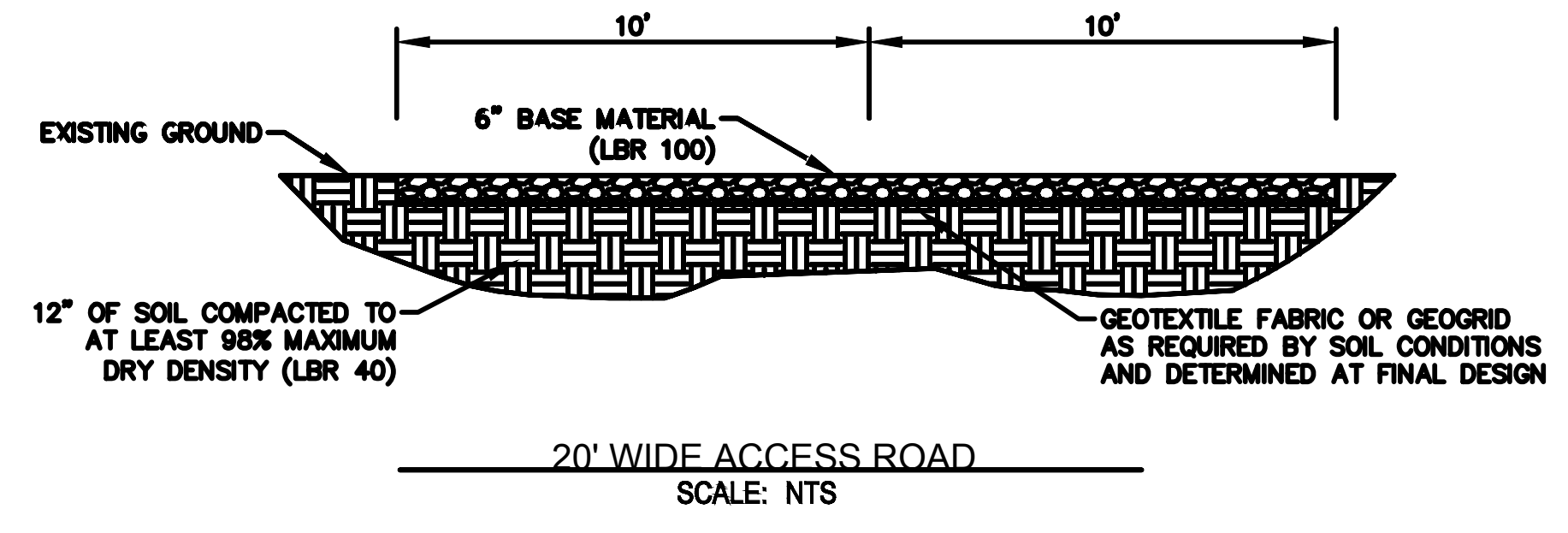
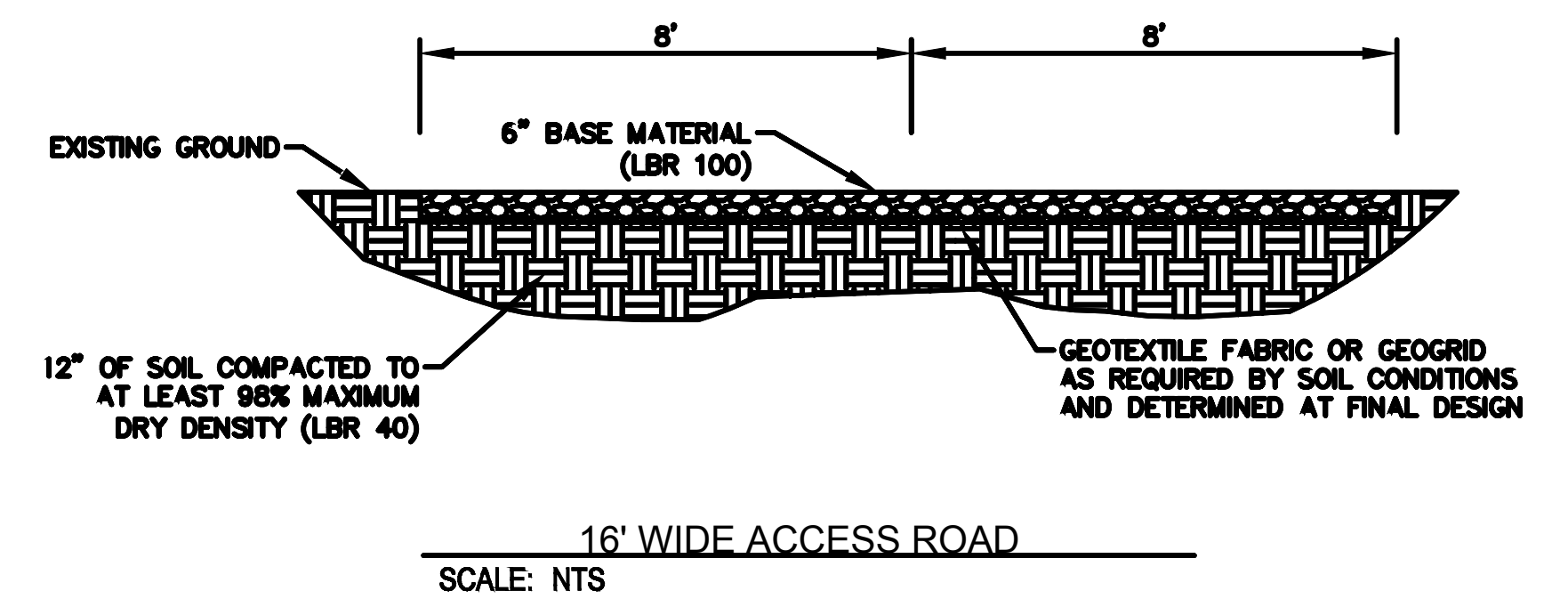
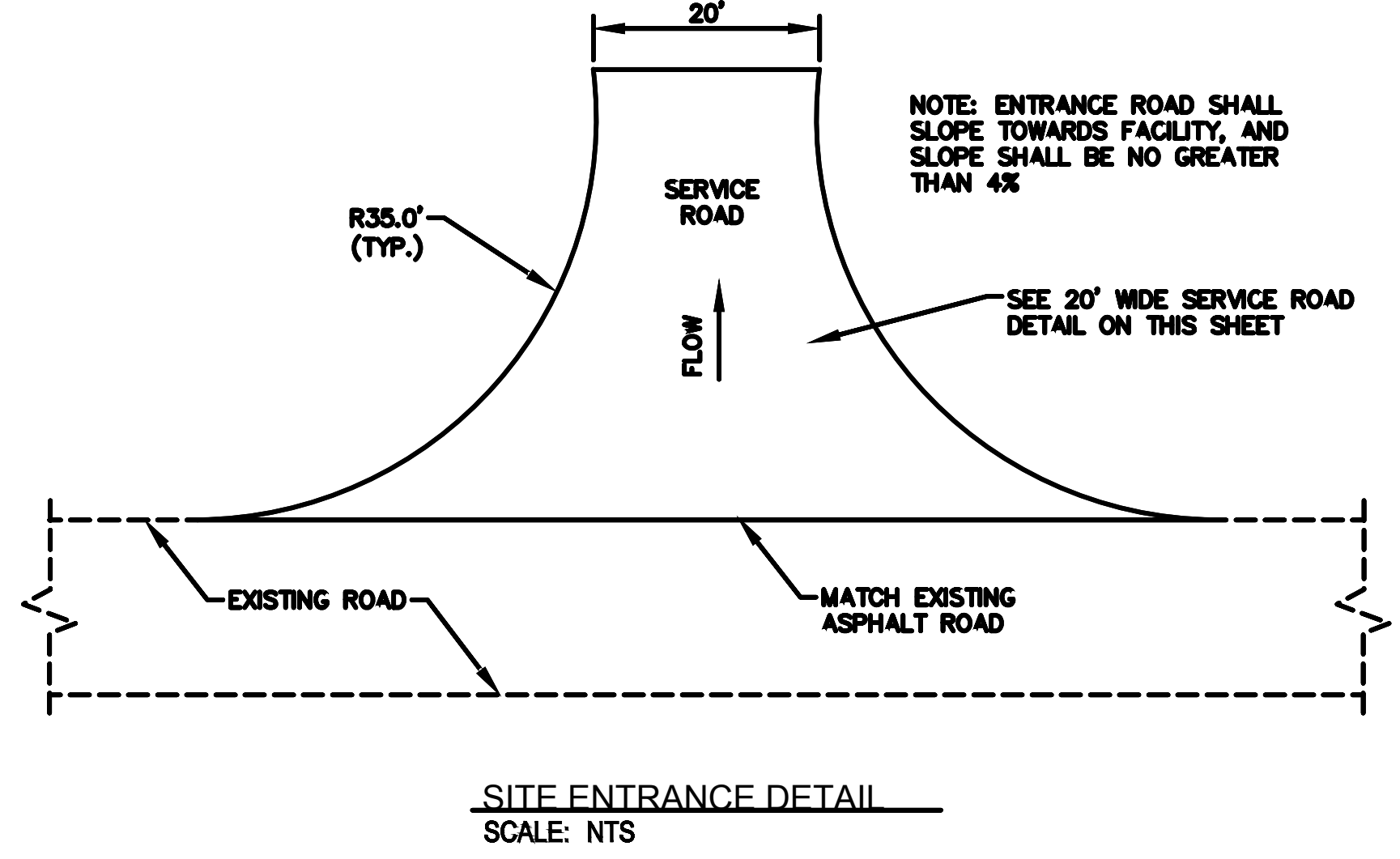
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PROJECT: ORIGIS ENERGY SOLAR FACILITY
SHEET TITLE: DETAILED GRADING AND DRAINAGE SMF PLAN

DESIGNER: KEVIN JACKSON
QUALITY CONTROL: M. MASON
PROJECT NUMBER: 22-0264

MITCHELL G. MASON
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FL PE No. 92335
SHEET NO. **C2.12**

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 Plot Date: Sep 21, 2023 14:46pm
 Plotter: Thompson

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SCALE: N/A
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SUBMITTAL TO ALACHUA COUNTY
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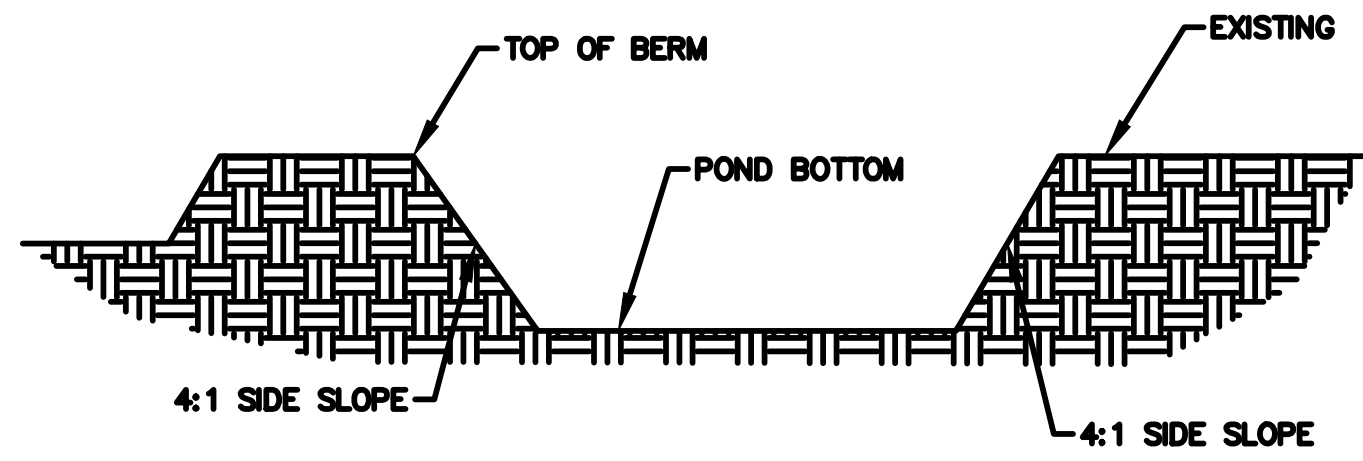
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 PROJECT: ORIGIS ENERGY SOLAR FACILITY
 SHEET TITLE: CONSTRUCTION DETAILS
 PROJECT NUMBER: 22-0264

DESIGNER: K.T. MCMAHON
 CHECKER: KRISTEN JACKSON
 QUALITY CONTROL: M. MASON
 PROJECT NUMBER: 22-0264

MITCHELL G. MASON
 Mitchell G. Mason, P.E.
 State of Florida, Professional Engineer, License No. 92335
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 SHEET NO. **C2.31**

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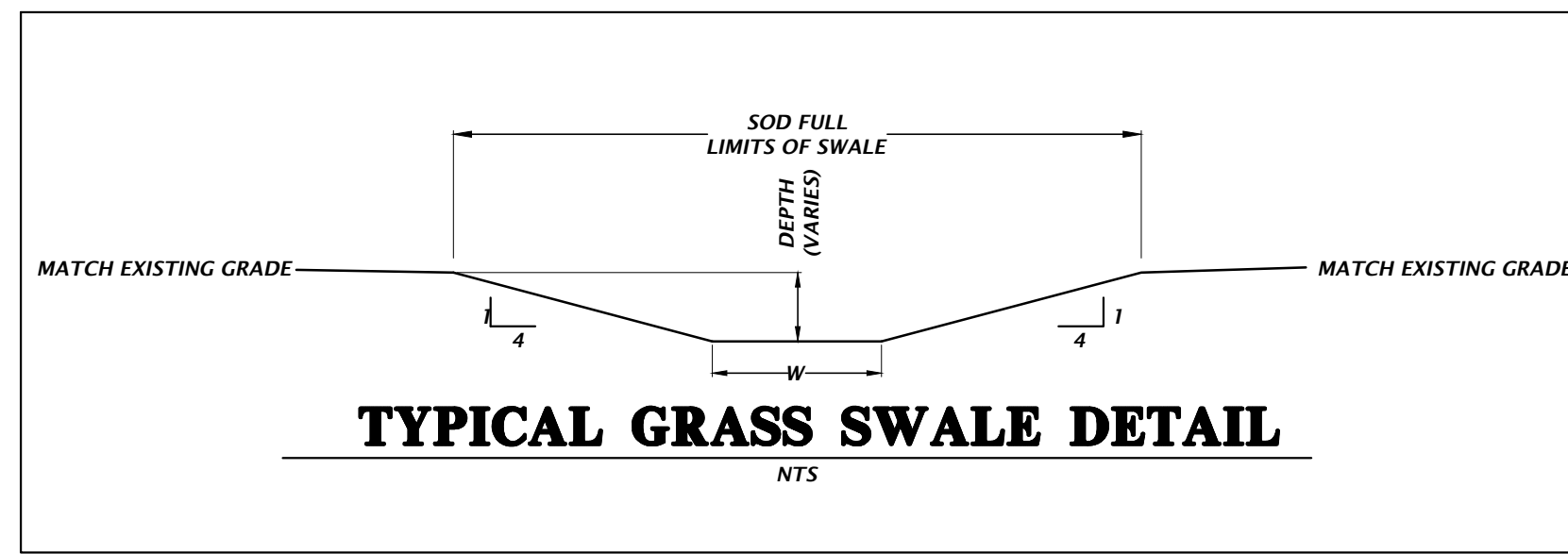
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|--------------------------------|--------------|-----------------|---------------|---------------|----------------|
| ON-SITE RETENTION AREAS | | | | | |
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| SMF-5 | 63 | 57 | 8.87 | 6.88 | 46.1 |



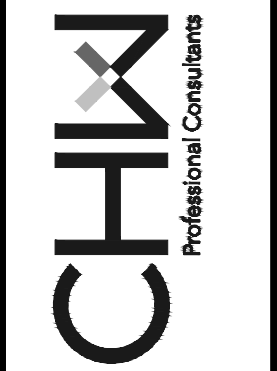
STORMWATER MANAGEMENT FACILITY

SCALE: NTS

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|-----------|---------------|------------------|--------------------|-------------|----------------|
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| 2A | 82 | 80 | 6 | 400 | 0.28 |
| 2B | 70 | 68 | 8 | 800 | 0.59 |
| 4 | 70 | 68 | 7 | 400 | 0.30 |
| 8 | 86 | 84 | 3 | 385 | 0.20 |
| 12 | 68 | 66 | 3 | 350 | 0.18 |
| ACCESS RD | 59 | 58 | 3 | 2150 | 034 |



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SCALE: N/A
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 IF ANY DIMENSIONS ON THIS SHEET ADJUST SCALES ACCORDINGLY.

CONSTRUCTION AND REVISIONS

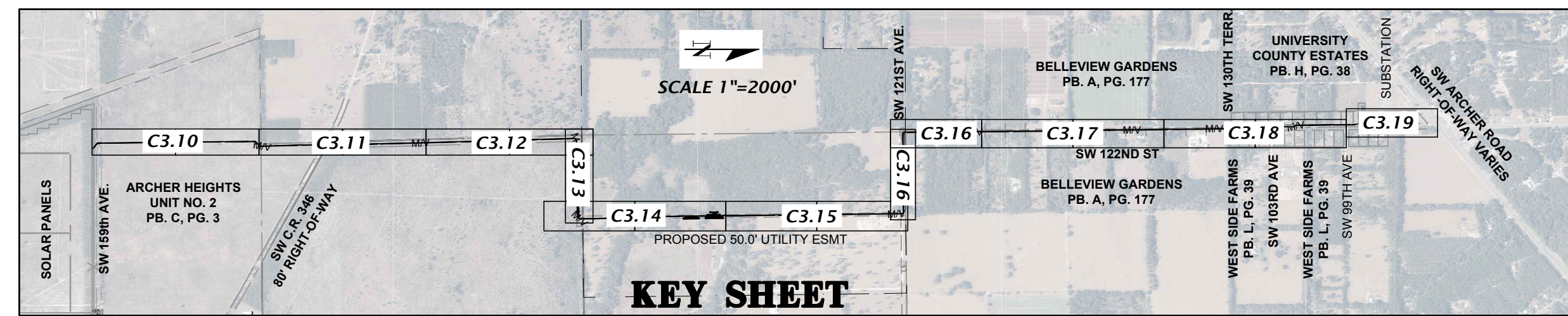
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 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY
 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY

CLIENT: ORIGIS ENERGY
 PROJECT: ORIGIS ENERGY SOLAR FACILITY
 SHEET TITLE: CONSTRUCTION DETAILS

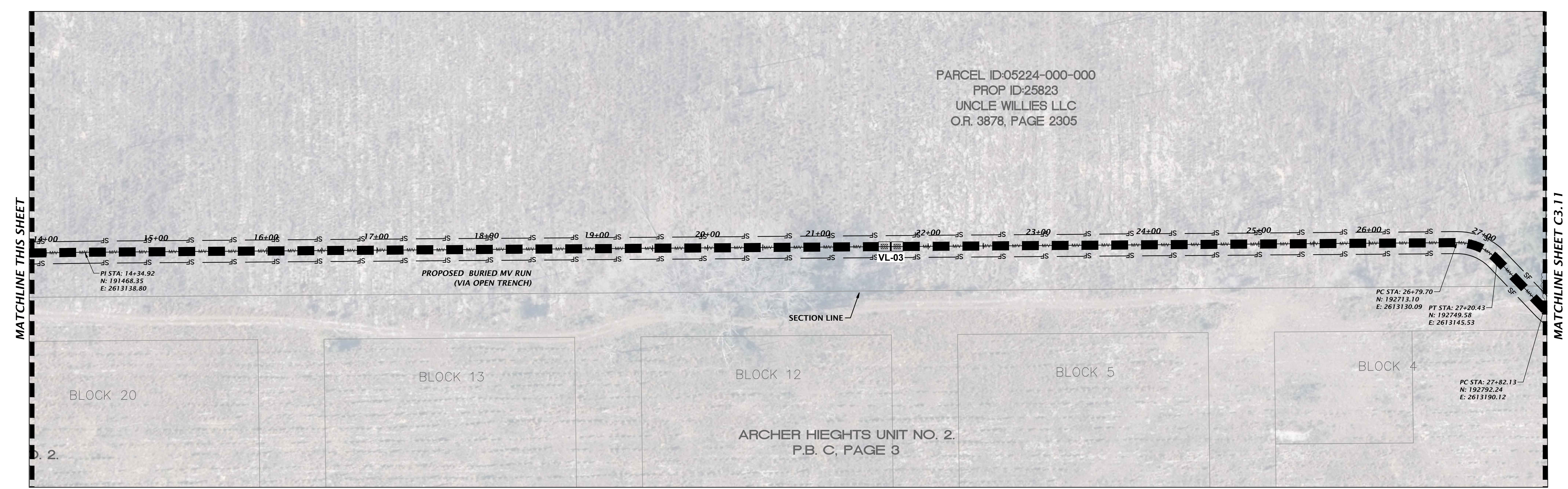
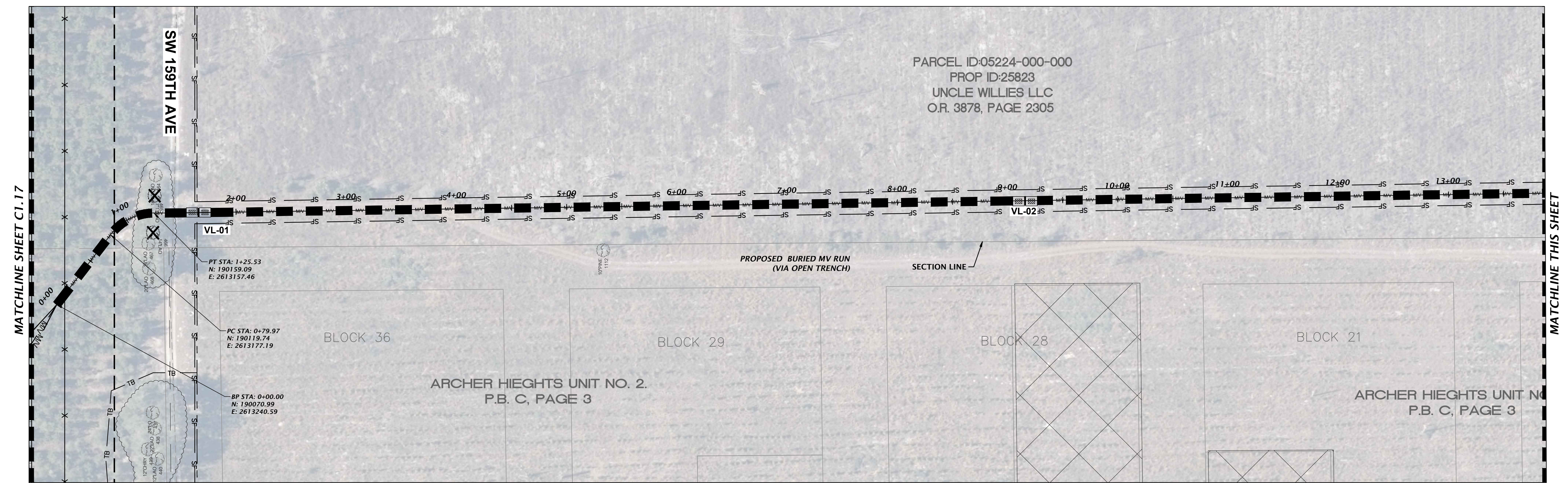
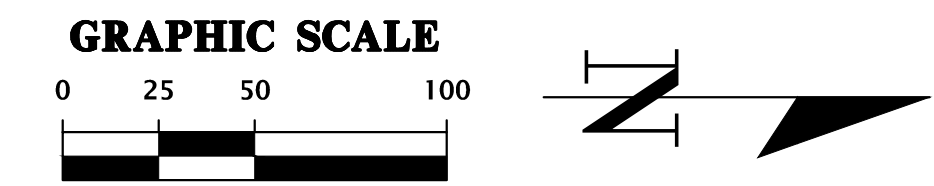
DESIGNER: KT MCMAHON
 CHECKER: KRISTEN JACKSON
 QUALITY CONTROL: M MASON
 PROJECT NUMBER: 22-0264

MITCHELL G. MASON
 Mitchell G. Mason, P.E.
 State of Florida, Professional Engineer, License No. 92335
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 SHEET NO. C2.32



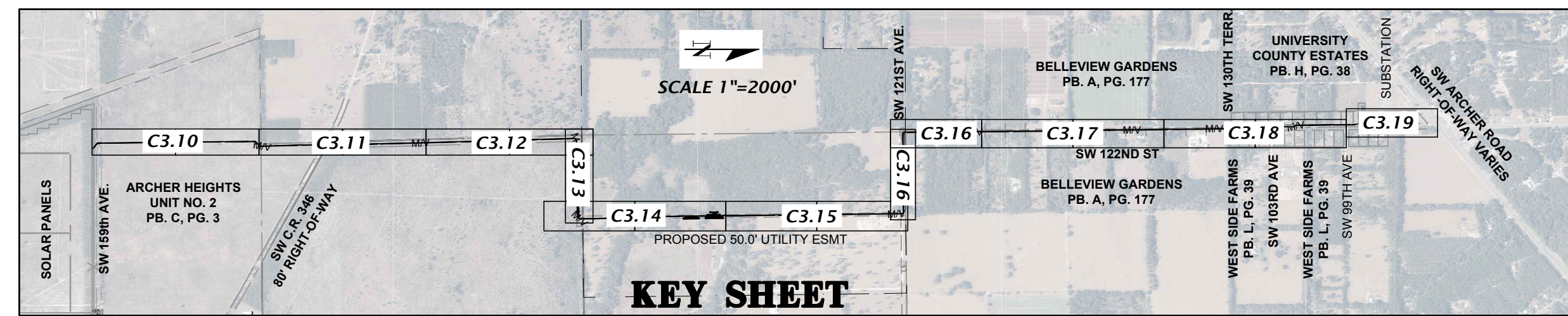
LEGEND:
 PRECAST VAULT (SEE DETAIL SHEET C3.19)
 PROPOSED BURIED MEDIUM VOLTAGE (MV) ELECTRICAL RUN, VIA DIRECTIONAL BORE AND OPEN TRENCH (SEE DETAILS SHEET C3.19)



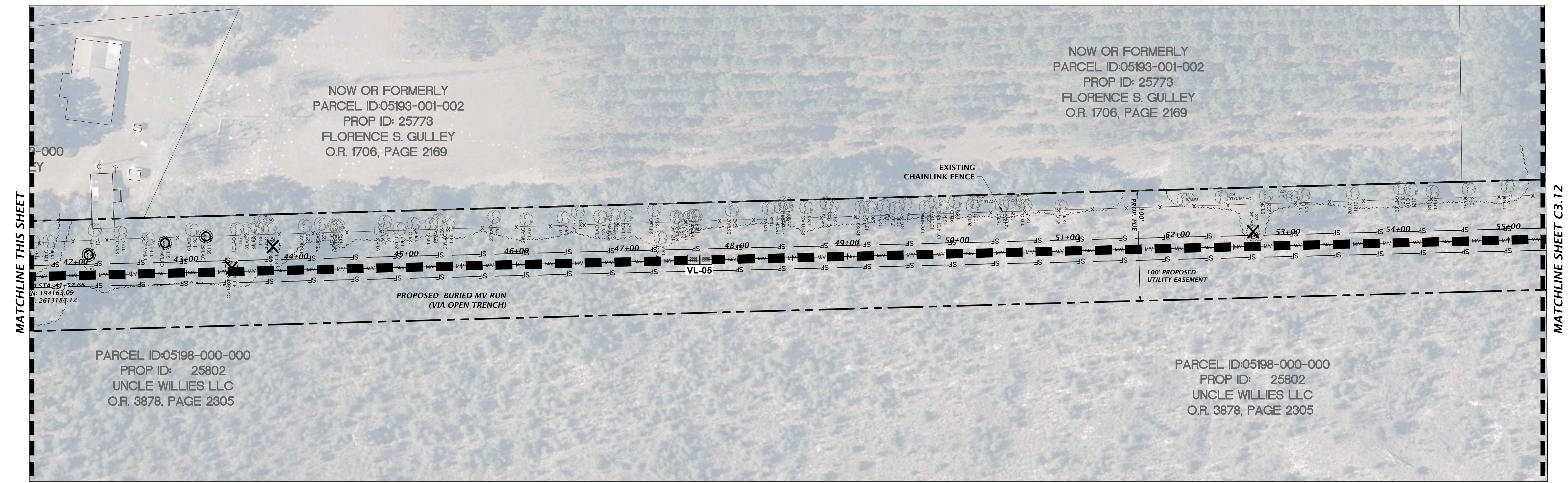
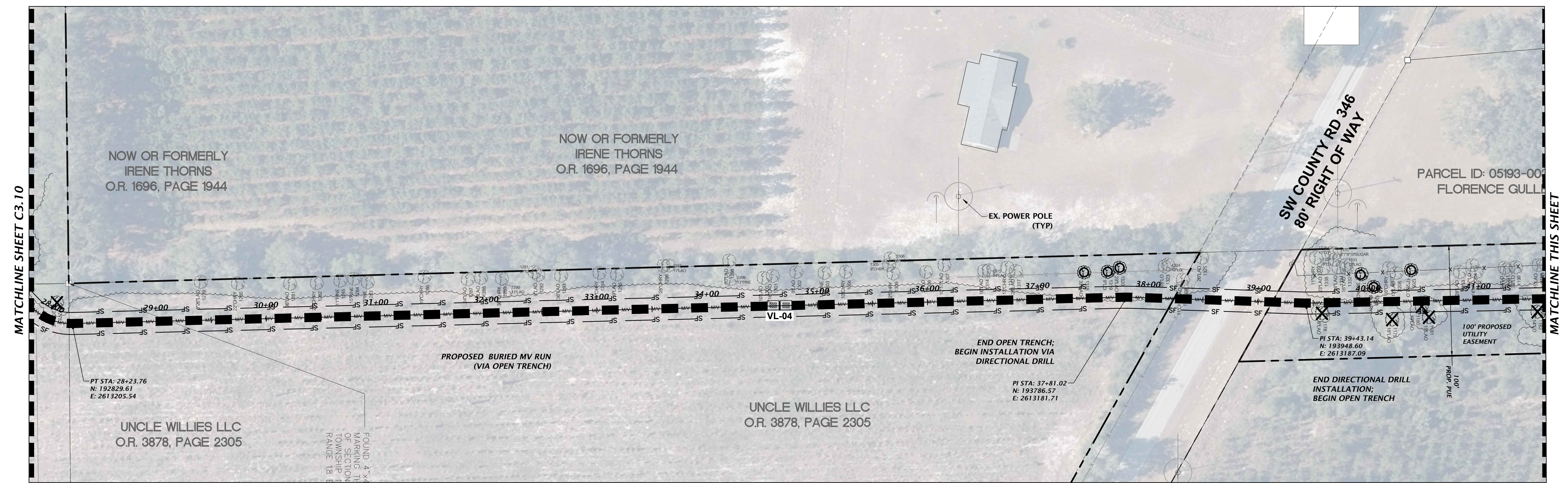
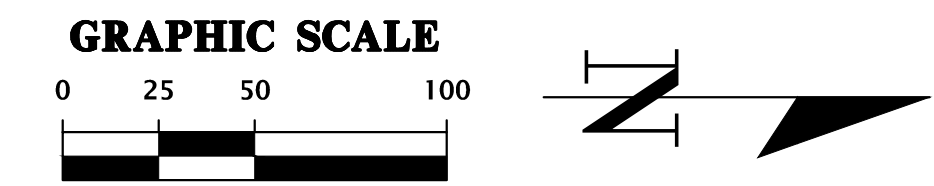
Title: Thomasc Plot Date: Sep 21, 2023 2:27pm Filename: N:\2023\22-0264\Department\CA_Engineering\02_DWG\Production\TMA\22-0264_Detailed_Utility_Route.dwg

| | |
|--|--|
| Professional Consultants 11801 Research Drive Alachua, Florida 32615 www.chw-inc.com est. 1988 FLORIDA CA-5075 | |
| SCALE: 1"=50' VERIFY SCALE ON ORIGINAL DRAWING 0" MEANS THIS SHEET IS NOT TO BE USED AT THIS SCALE ACCORDING TO SCALES ACCORDINGLY. | CONSTRUCTION REVISIONS |
| 06/05/2023 - SUBMITTAL TO ALACHUA COUNTY 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY | CLIENT: ORIGIS ENERGY PROJECT: ORIGIS ENERGY SOLAR FACILITY SHEET TITLE: DETAILED UTILITY PLAN |
| DESIGNER: K.T. MCMAHON CHECKER: KRISTEN JACKSON QUALITY CONTROL: M. MASON PROJECT NUMBER: 22-0264 MITCHELL G. MASON | FL PE No. 92335 C3.10 |

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LEGEND:
 PRECAST VAULT (SEE DETAIL SHEET C3.19)
 PROPOSED BURIED MEDIUM VOLTAGE (MV) ELECTRICAL RUN, VIA DIRECTIONAL BORE AND OPEN TRENCH (SEE DETAILS SHEET C3.19)



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SCALE: 1"=50'
 VERIFY SCALE ON ORIGINAL DRAWING
 0 = 1" PER 50' ACCORDING TO THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION AND RECORDS

06/05/2023 - SUBMITTAL TO ALACHUA COUNTY
 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY
 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY
 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY

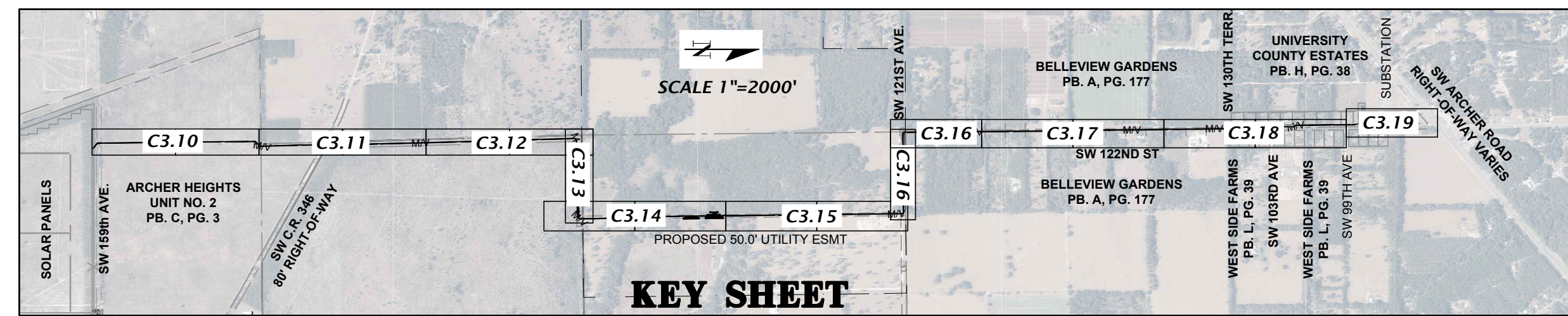
CLIENT: ORGIS ENERGY
 PROJECT: ORGIS ENERGY SOLAR FACILITY
 SHEET TITLE: DETAILED UTILITY PLAN

DESIGNER: K.T. MCMANON
 CHECKER: KRISTEN JACKSON
 PROJECT CONTROL: M. MASON
 PROJECT NUMBER: 22-0264

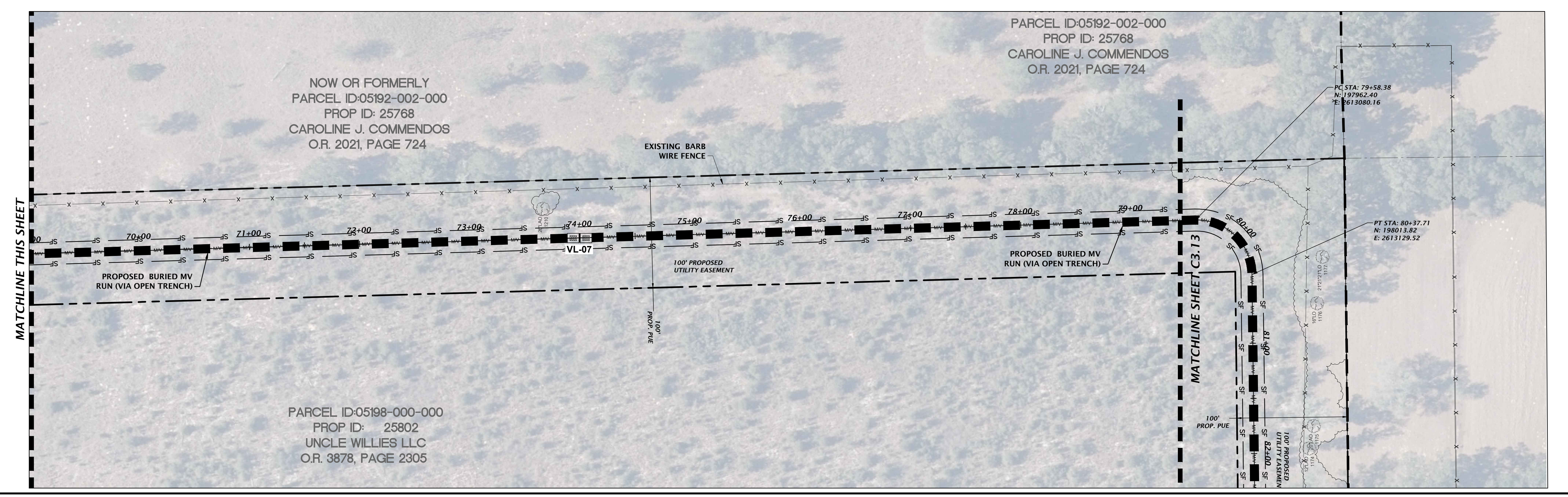
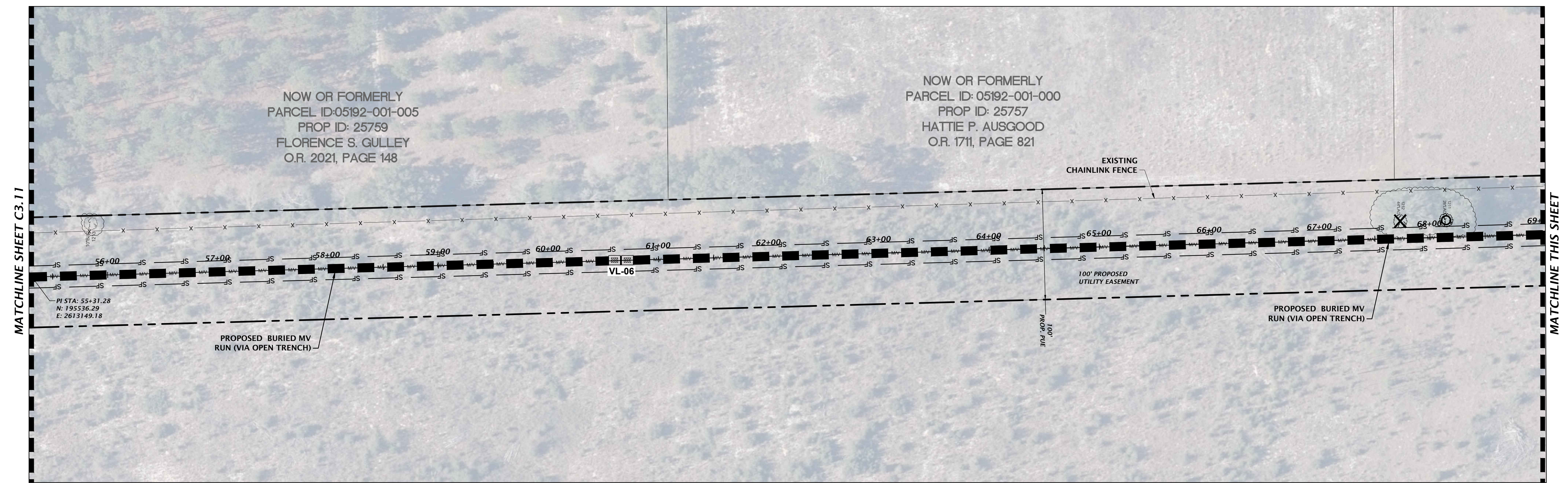
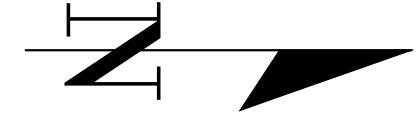
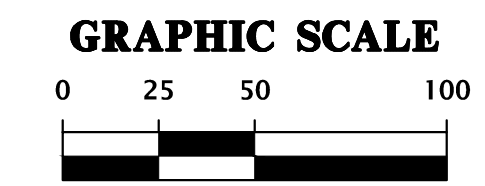
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FL PE No. 92335
 SHEET NO. **C3.11**

Title: Thomasp Plot Date: Sep 21, 2023 12:50pm Filename: N:\2023\22-0264\Department\CA_Engineering\02_DWG\Production\Flm\A22-0264_Detailed Utility Route.dwg

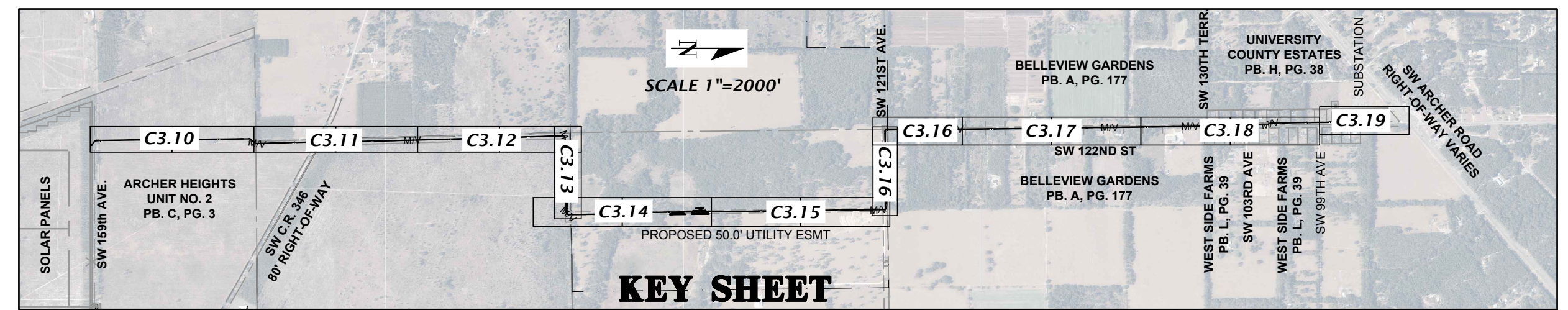




- LEGEND:**
- PRECAST VAULT (SEE DETAIL SHEET C3.19)
 - PROPOSED BURIED MEDIUM VOLTAGE (MV) ELECTRICAL RUN, VIA DIRECTIONAL BORE AND OPEN TRENCH (SEE DETAILS SHEET C3.19)

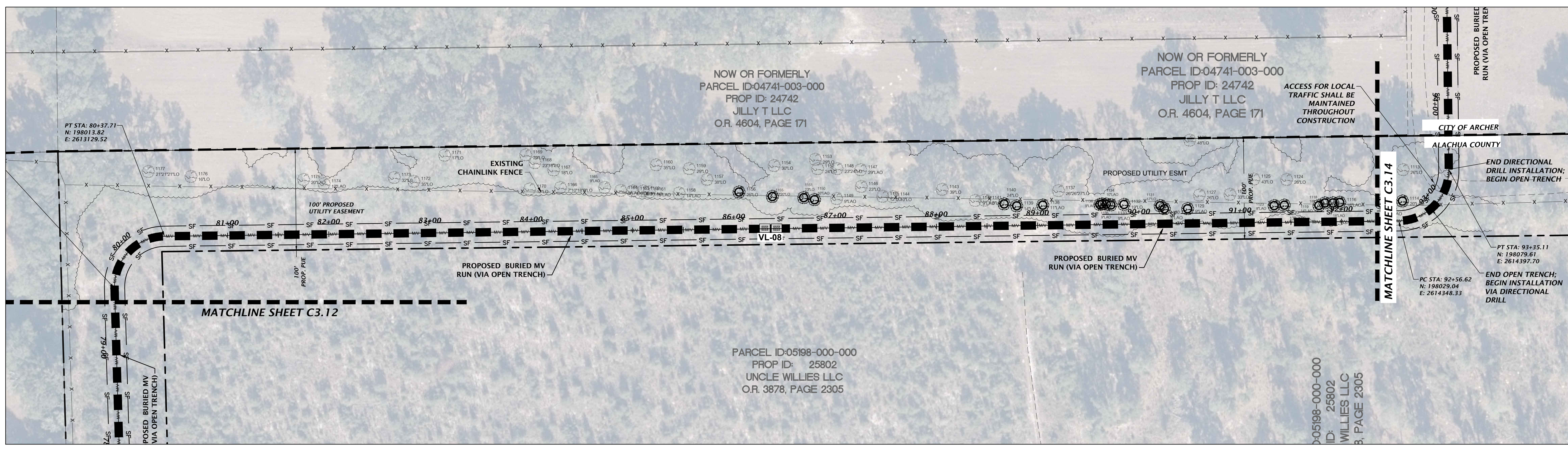
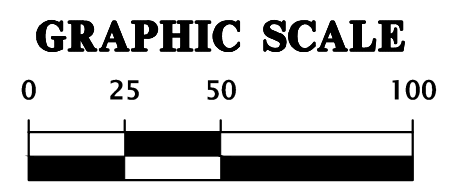


Title: Thomas; Plot Date: Sep 21, 2023 2:44pm; Filename: N:\2023\22-0264\Department\CA_Engineering\02_DWG\Production\TMA\22-0264_Detailed_Utility_Route.dwg

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|---|---|--|
| | 11801 Research Drive Alachua, Florida 32615 (352) 331-1976 www.ch2m-inc.com | est. 1888 FLORIDA CA-5075 |
| CH2M Professional Consultants | SCALE: 1"=50' VERIFY SCALE ON ORIGINAL DRAWING 0 = AS SHOWN, INCLUDING THIS SHEET, ADJUST SCALES ACCORDINGLY. | |
| SUBMITTALS: 06/05/2023 - SUBMITTAL TO ALACHUA COUNTY 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY | CLIENT: ORIGIS ENERGY PROJECT: ORIGIS ENERGY SOLAR FACILITY SHEET TITLE: DETAILED UTILITY PLAN | |
| DESIGNER: KEVIN MCMANION CHECKER: KRISTEN JACKSON QUALITY CONTROL: M. MASON | PROJECT NUMBER: 22-0264 | |
| MITCHELL G. MASON Mitchell G. Mason, P.E. State of Florida, Professional Engineer, License No. 92335 This item has been digitally signed and sealed by Mitchell G. Mason, P.E. on the date indicated here: 09/21/2023 Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies. | | |
| FL PE No. 92335 | | C3.12 |

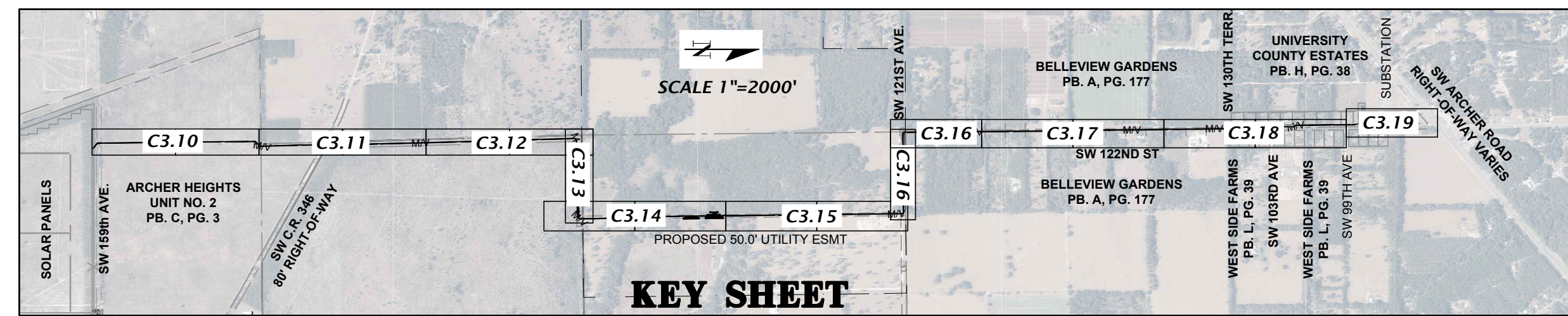


- LEGEND:**
-  PRECAST VAULT (SEE DETAIL SHEET C3.19)
 -  PROPOSED BURIED MEDIUM VOLTAGE (MV) ELECTRICAL RUN, VIA DIRECTIONAL BORE AND OPEN TRENCH (SEE DETAILS SHEET C3.19)

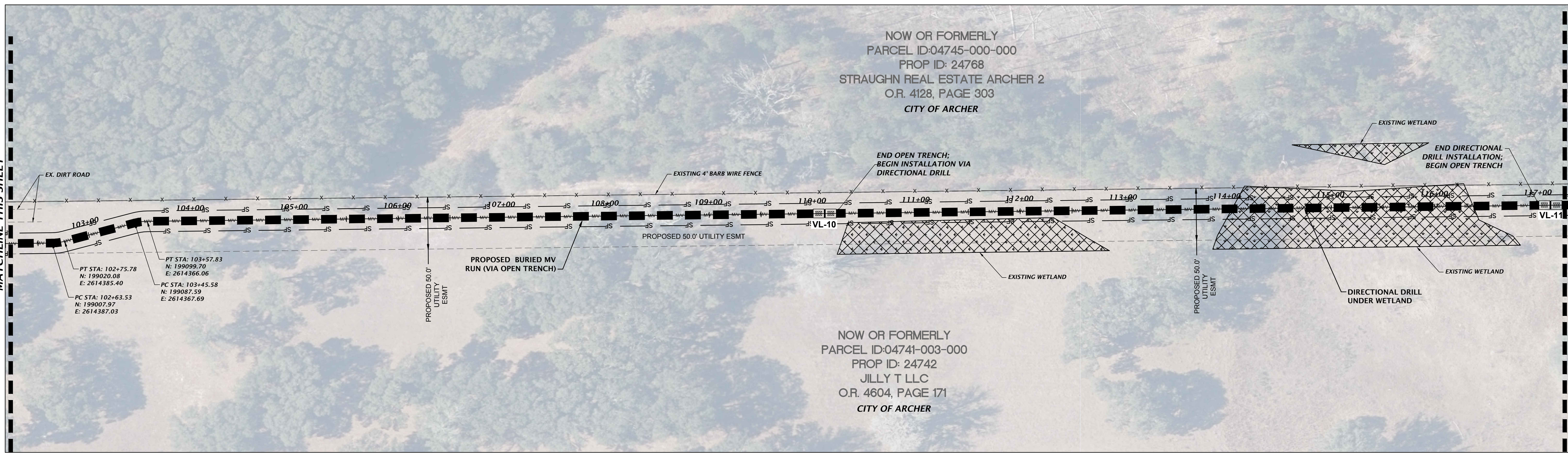
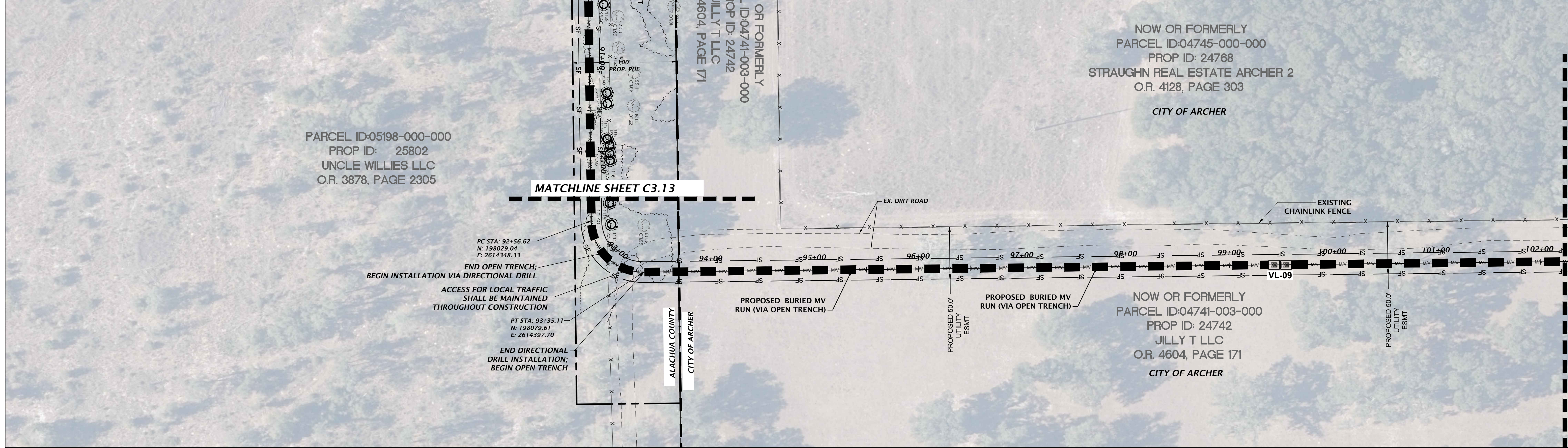
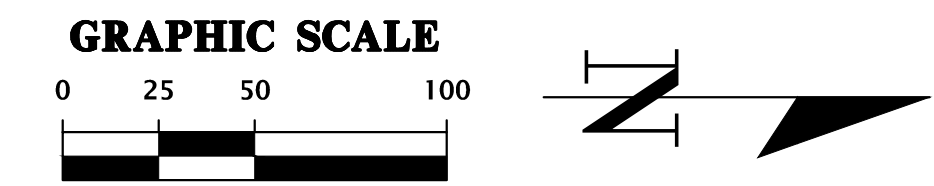


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| <p>11801 Research Drive Alachua, Florida 32615 www.chw-inc.com est. 1988 FLORIDA CA-5075</p> | |
| <p>CHW Professional Consultants</p> | |
| <p>SCALE 1"=50'</p> | <p>VERIFY SCALE ON ORIGINAL DRAWING 0 INCHES TO 1" IN THIS SHEET, ADJUST SCALES ACCORDINGLY.</p> |
| <p>CONSTRUCTION REVISIONS</p> | |
| <p>DATE: 06/05/2023 - SUBMITTAL TO ALACHUA COUNTY</p> | <p>ORIGIS ENERGY</p> |
| <p>DATE: 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY</p> | <p>PROJECT: ORIGIS ENERGY SOLAR FACILITY</p> |
| <p>DATE: 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY</p> | <p>PROJECT NUMBER: 22-0264</p> |
| <p>DATE: 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY</p> | <p>SHEET TITLE: DETAILED UTILITY PLAN</p> |
| <p>DESIGNER: K.T. MCMAHON</p> | <p>CLIENT: ORIGIS ENERGY</p> |
| <p>QUALITY CONTROL: KRISTEN JACKSON</p> | <p>PROJECT: ORIGIS ENERGY SOLAR FACILITY</p> |
| <p>PROJECT NUMBER: M. MASON</p> | <p>SHEET TITLE: DETAILED UTILITY PLAN</p> |
| <p>MITCHELL G. MASON Mitchell G. Mason, P.E. State of Florida, Professional Engineer, License No. 92335 This item has been digitally signed and sealed by Mitchell G. Mason, P.E. on the date indicated here: 09/21/2023 Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.</p> | |
| <p>FL PE No. 92335</p> | |
| <p>SHEET NO: C3.13</p> | |

Test: ThomasC Plot Date: Sep 21, 2023 11:34pm Filepath: N:\2023\22-0264\Department\CA_Engineering\02_DWG\Production\TMA\22-0264_Detailed Utility_Route.dwg

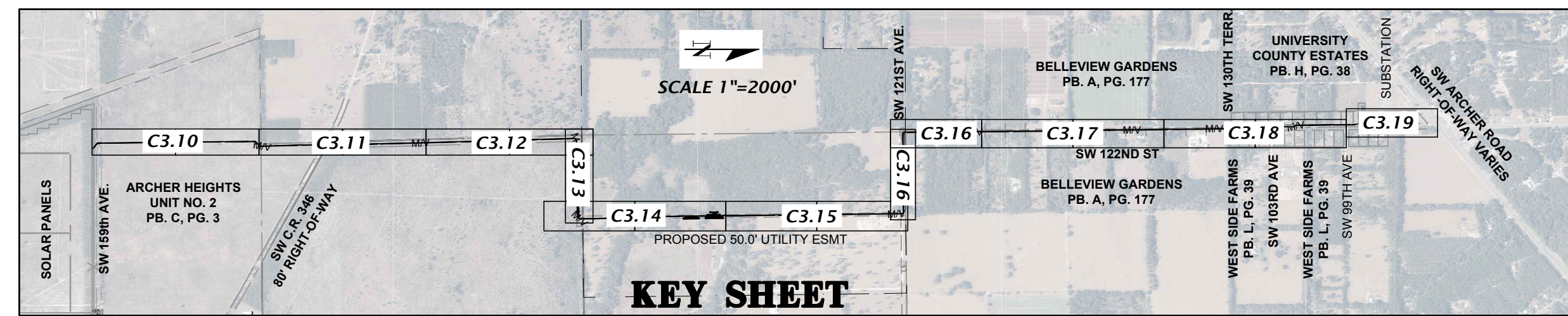


LEGEND:
 PRECAST VAULT (SEE DETAIL SHEET C3.19)
 PROPOSED BURIED MEDIUM VOLTAGE (MV) ELECTRICAL RUN, VIA DIRECTIONAL BORE AND OPEN TRENCH (SEE DETAILS SHEET C3.19)

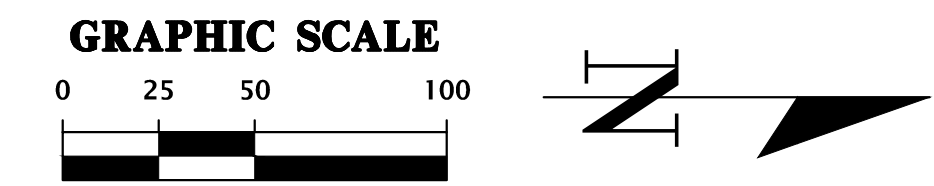


Title: Thomasc; Plot Date: Sep 21, 2023 2:33pm; Filename: N:\2023\22-0264\Department\CA_Engineering\02_DWG\Production\TMA\22-0264_Detailed_Utility_Route.dwg

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| SCALE: 1"=50' VERIFY SCALE ON ORIGINAL DRAWING 0 = 1" PER 50' HORIZONTAL 1" = 1' VERTICAL THIS SHEET, ADJUST SCALES ACCORDINGLY. | CONSTRUCTION REVISIONS |
| 06/05/2023 - SUBMITTAL TO ALACHUA COUNTY 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY | CLIENT: ORGIS ENERGY PROJECT: ORGIS ENERGY SOLAR FACILITY SHEET TITLE: DETAILED UTILITY PLAN PROJECT NUMBER: 22-0264 SHEET NO.: C3.14 |
| DESIGNER: KT MCMANON CHECKER: KRISTEN JACKSON QUALITY CONTROL: M MASON PROJECT MANAGER: MITCHELL G. MASON | Mitchel G. Mason, P.E. State of Florida, Professional Engineer, License No. 92335 This item has been digitally signed and sealed by Mitchel G. Mason, P.E. on the date indicated here: 09/21/2023 Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies. |
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LEGEND:
 PRECAST VAULT (SEE DETAIL SHEET C3.19)
 PROPOSED BURIED MEDIUM VOLTAGE (MV) ELECTRICAL RUN, VIA DIRECTIONAL BORE AND OPEN TRENCH (SEE DETAILS SHEET C3.19)



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SCALE: 1"=50'
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CONSTRUCTION REVISIONS

DATE: 06/05/2023 - SUBMITTAL TO ALACHUA COUNTY
 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY
 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY
 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY

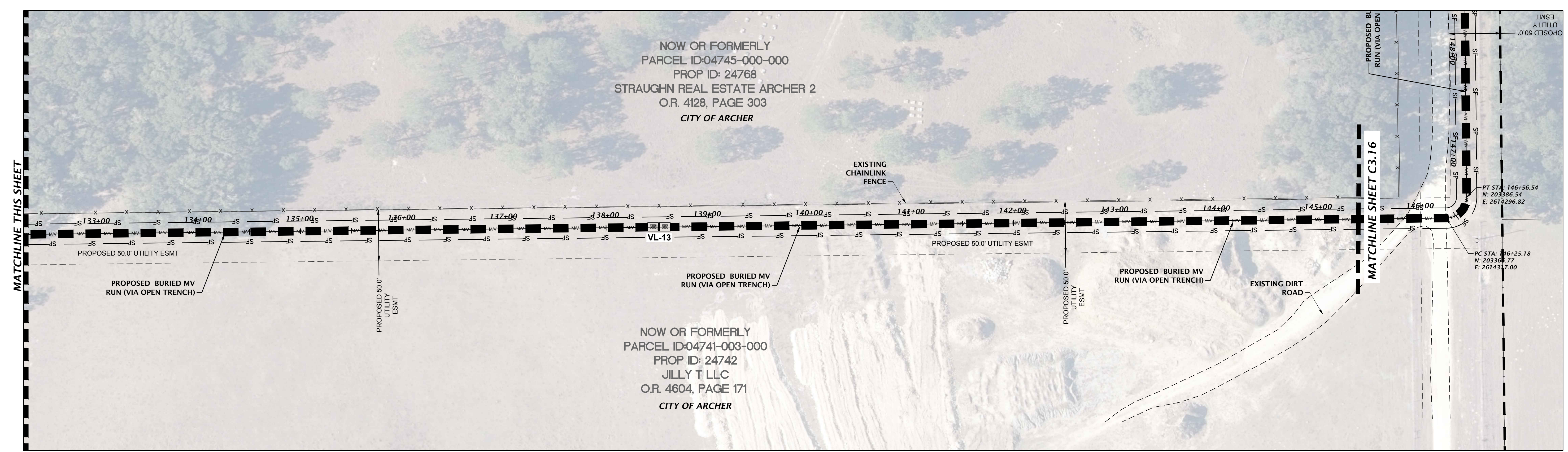
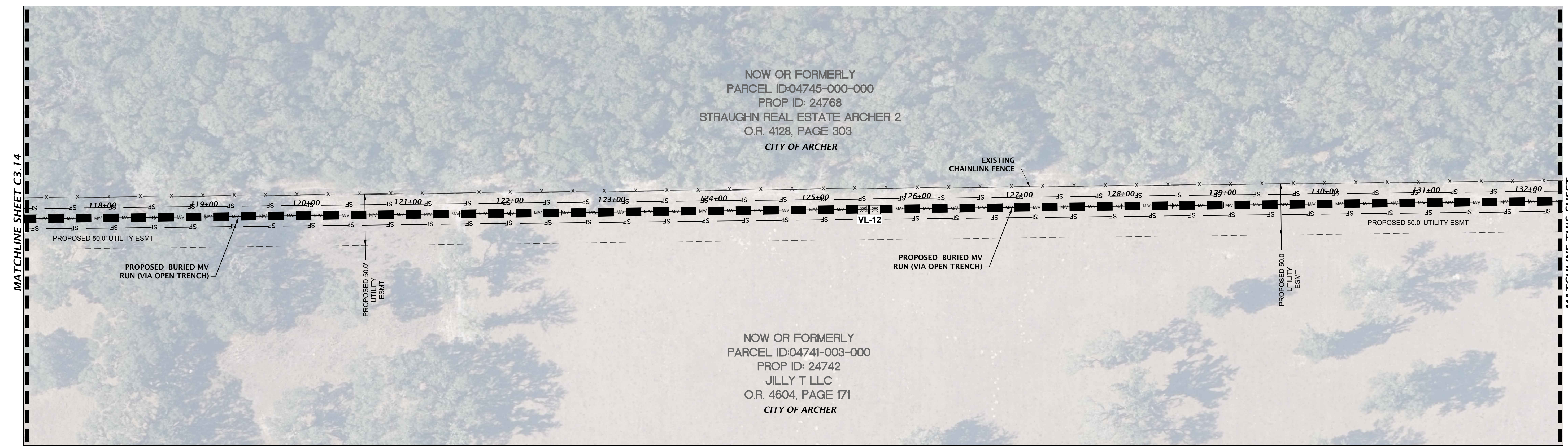
CLIENT: ORGIS ENERGY
 PROJECT: ORGIS ENERGY SOLAR FACILITY
 SHEET TITLE: DETAILED UTILITY PLAN

DESIGNER: K.T. MCMAHON
 CHECKER: KRISTEN JACKSON
 QUALITY CONTROL: M. MASON
 PROJECT NUMBER: 22-0264

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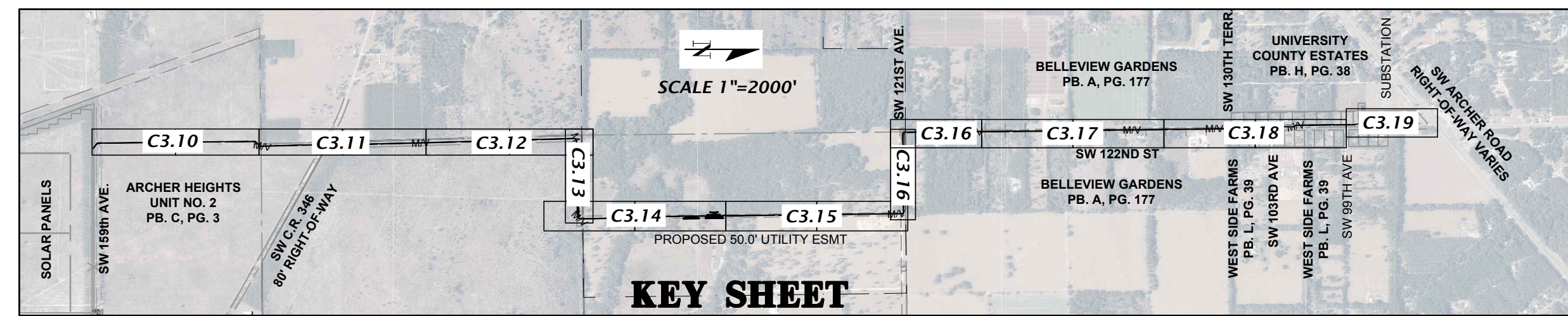
FL PE No. 92335

SHEET NO. **C3.15**

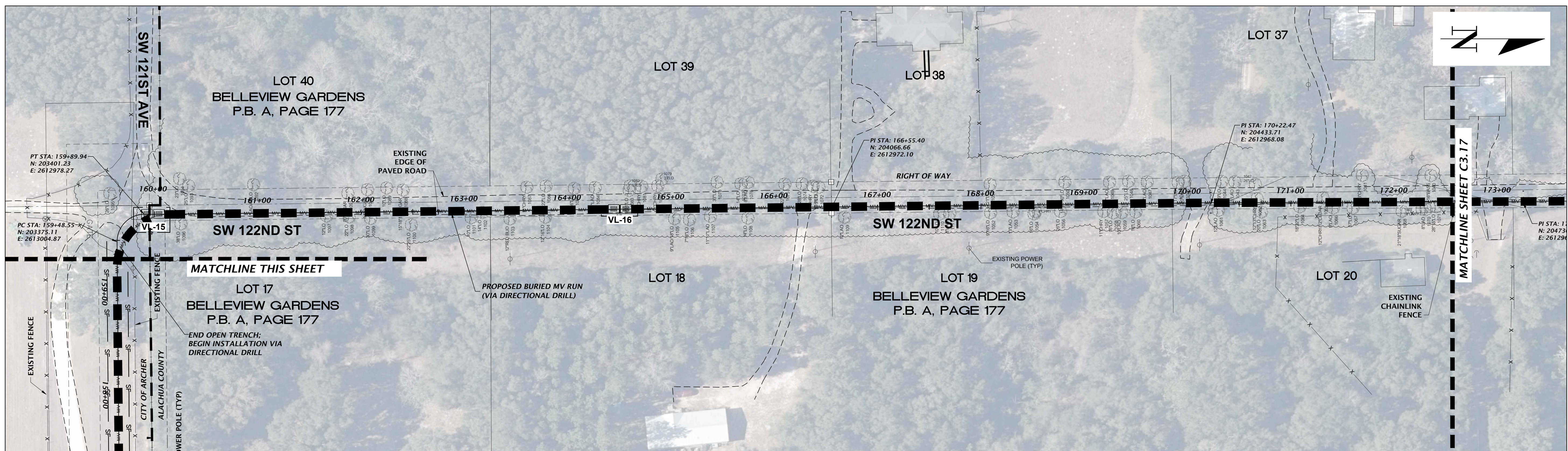
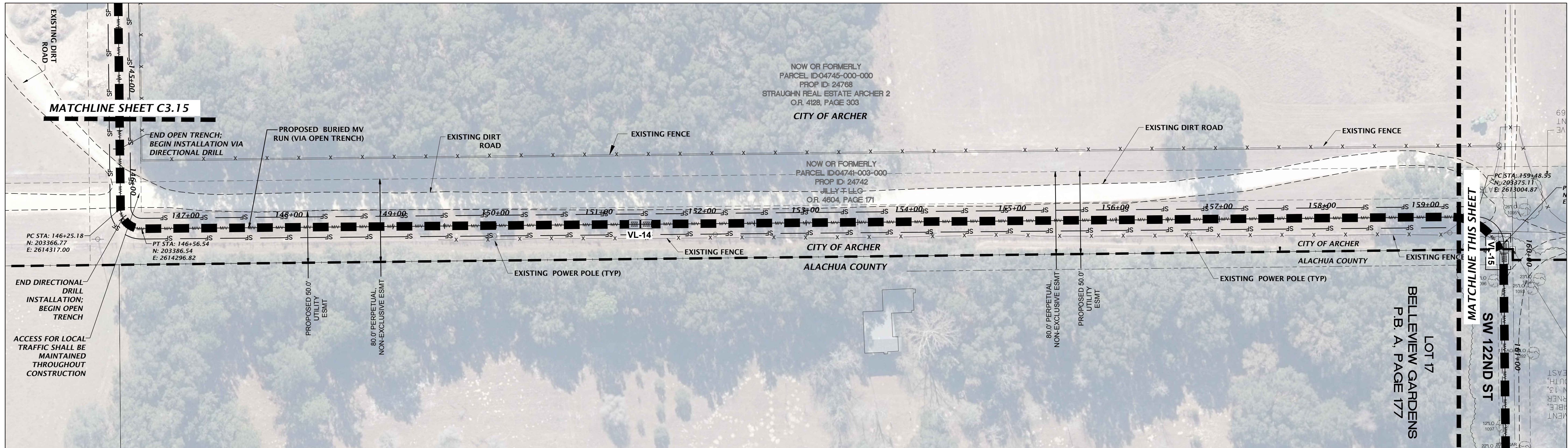
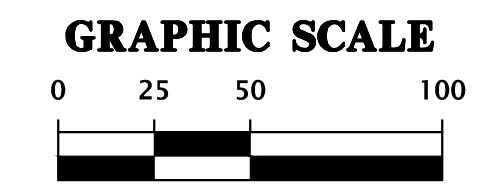


Title: Thomasp Plot Date: Sep 21, 2023 2:45pm File: \\ms022\22-0264\Department\CA_Engineering\02_DWG\Production\TMA\22-0264_Detailed Utility Route.dwg

NOTE: DEVELOPER AND GRU WILL USE THE PW ROW USE PERMIT APPLICATION FOR THE WORK WITHIN THE SW 122ND STREET ROW.



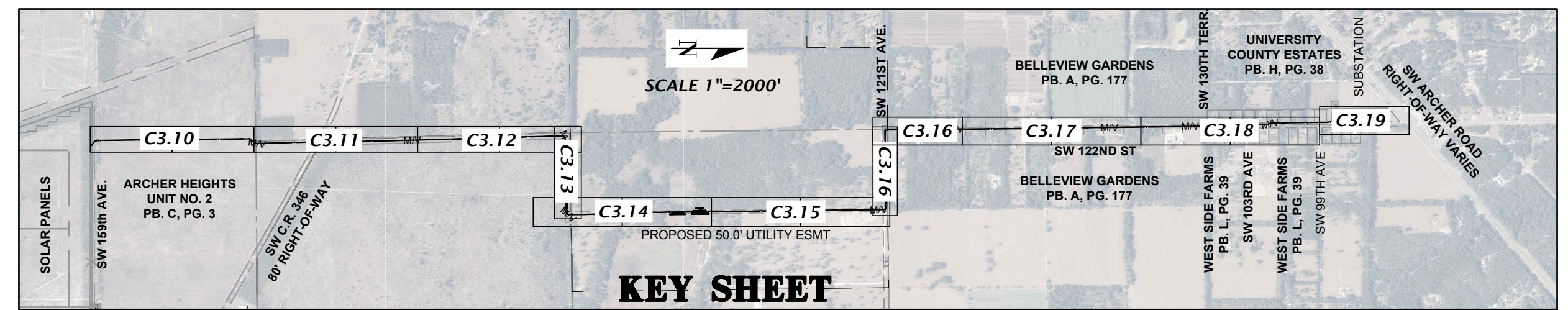
- LEGEND:**
- PRECAST VAULT (SEE DETAIL SHEET C3.19)
 - PROPOSED BURIED MEDIUM VOLTAGE (MV) ELECTRICAL RUN, VIA DIRECTIONAL BORE AND OPEN TRENCH (SEE DETAILS SHEET C3.19)



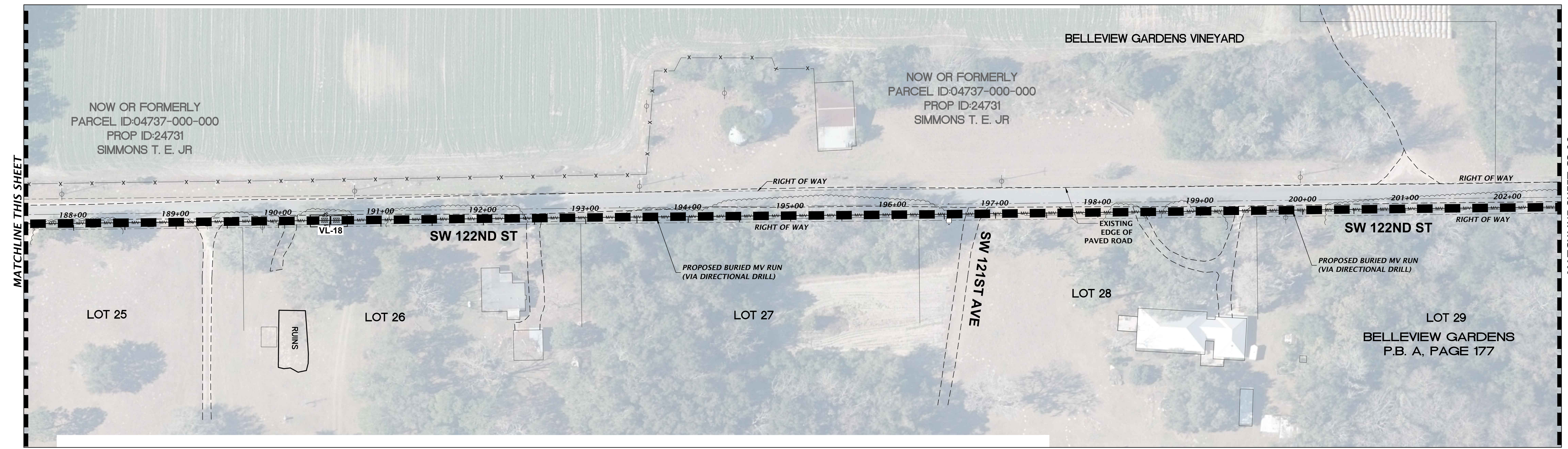
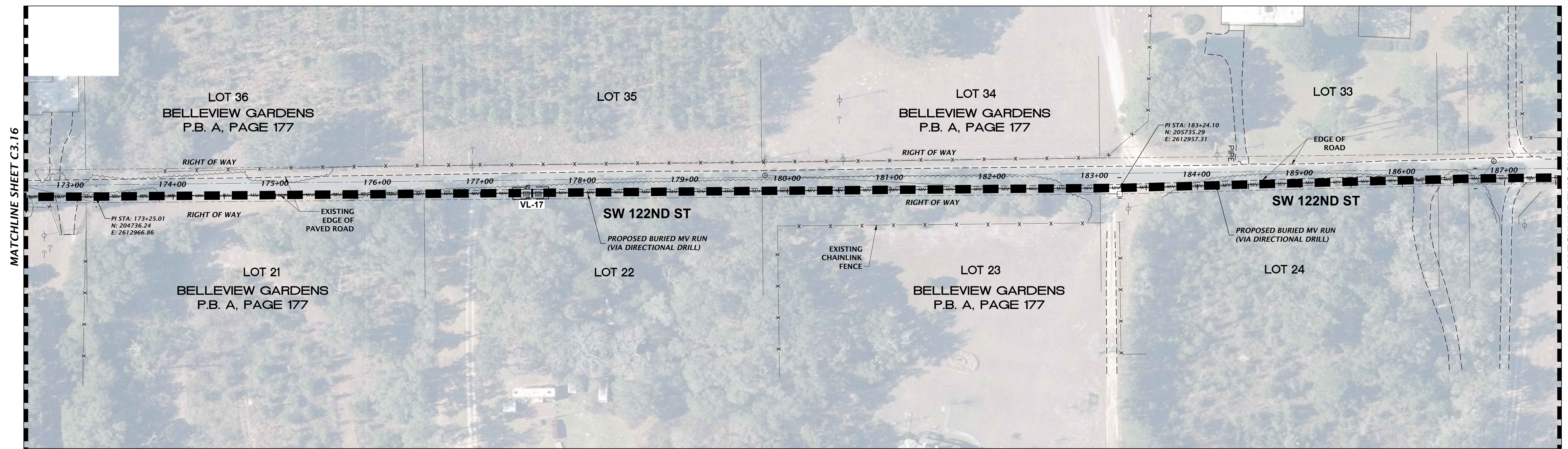
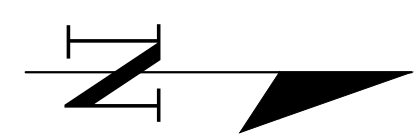
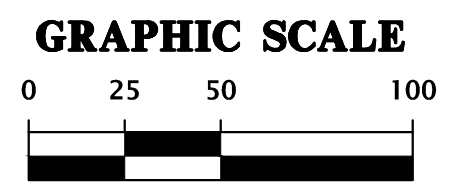
Title: Thomasc; Plot Date: Sep 21, 2023 2:46pm; Filename: M:\2023\22-0264\Department\CA_Engineering\02_DWG\Production\Final\22-0264_Detailed_Utility_Route.dwg

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| SCALE: 1"=50' VERIFY SCALE ON ORIGINAL DRAWING 0 = TRUE SCALE 1" = 50' SCALE ACCORDING TO THIS SHEET, ADJUST SCALES ACCORDINGLY. | CONSTRUCTION INFORMATION 06/05/2023 - SUBMITTAL TO ALACHUA COUNTY 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY |
| CLIENT: ORIGIS ENERGY PROJECT: ORIGIS ENERGY SOLAR FACILITY SHEET TITLE: DETAILED UTILITY PLAN | DESIGNER: K.T. MCMANION CHECKER: KRISTEN JACKSON QUALITY CONTROL: M. MASON PROJECT NUMBER: 22-0264 MITCHELL G. MASON Mitchell G. Mason, P.E. State of Florida, Professional Engineer, License No. 92335 This item has been digitally signed and sealed by Mitchell G. Mason, P.E. on the date indicated here: 09/21/2023 Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies. |
| FL PE No. 92335 C3.16 | |

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LEGEND:
 PRECAST VAULT (SEE DETAIL SHEET C3.19)
 PROPOSED BURIED MEDIUM VOLTAGE (MV) ELECTRICAL RUN, VIA DIRECTIONAL BORE AND OPEN TRENCH (SEE DETAILS SHEET C3.19)



Title: Thomas; Plot Date: Sep 21, 2023 2:48pm File: \\s0225\22-0264\Department\CA_Engineering\02_DWG\Production\TMA\22-0264_Detailed_Utility_Route.dwg

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SCALE: 1"=50'
VERIFY SCALE ON ORIGINAL DRAWING
0 = PRINT SIZE (SCALE) 1" = THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION REVISIONS

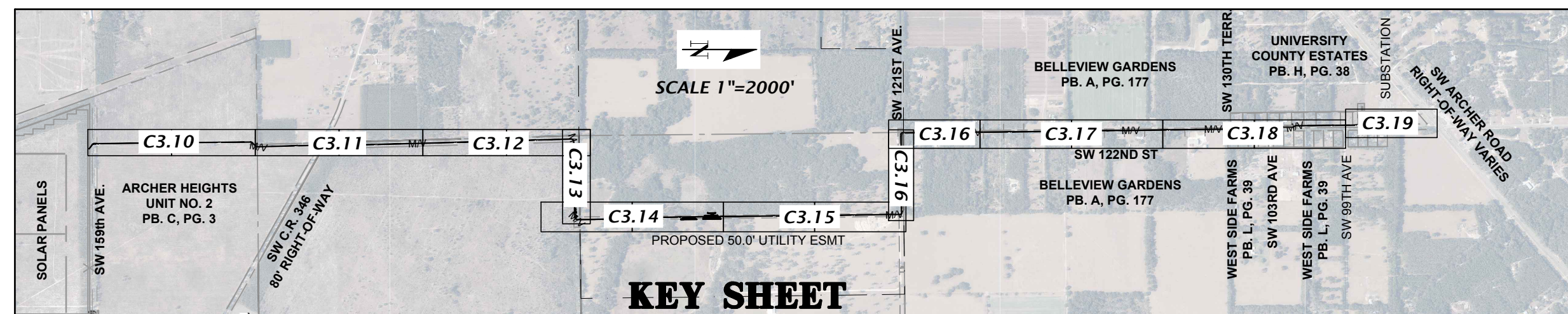
DATE: 06/05/2023 - SUBMITTAL TO ALACHUA COUNTY
07/31/2023 - SUBMITTAL TO ALACHUA COUNTY
09/05/2023 - SUBMITTAL TO ALACHUA COUNTY
09/21/2023 - SUBMITTAL TO ALACHUA COUNTY

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|------------------|------------------------------|
| CLIENT: | ORIGIS ENERGY |
| PROJECT: | ORIGIS ENERGY SOLAR FACILITY |
| SHEET TITLE: | DETAILED UTILITY PLAN |
| DESIGNER: | KT MCMATHON |
| CHECKER: | KRISTEN JACKSON |
| QUALITY CONTROL: | M. MASON |
| PROJECT NUMBER: | 22-0264 |

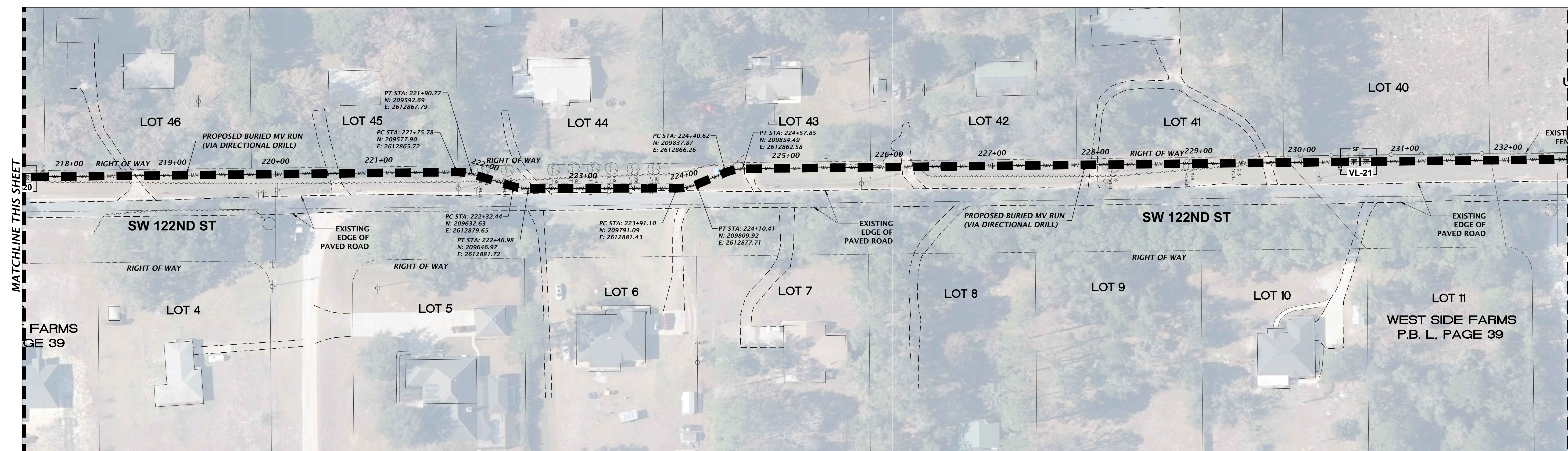
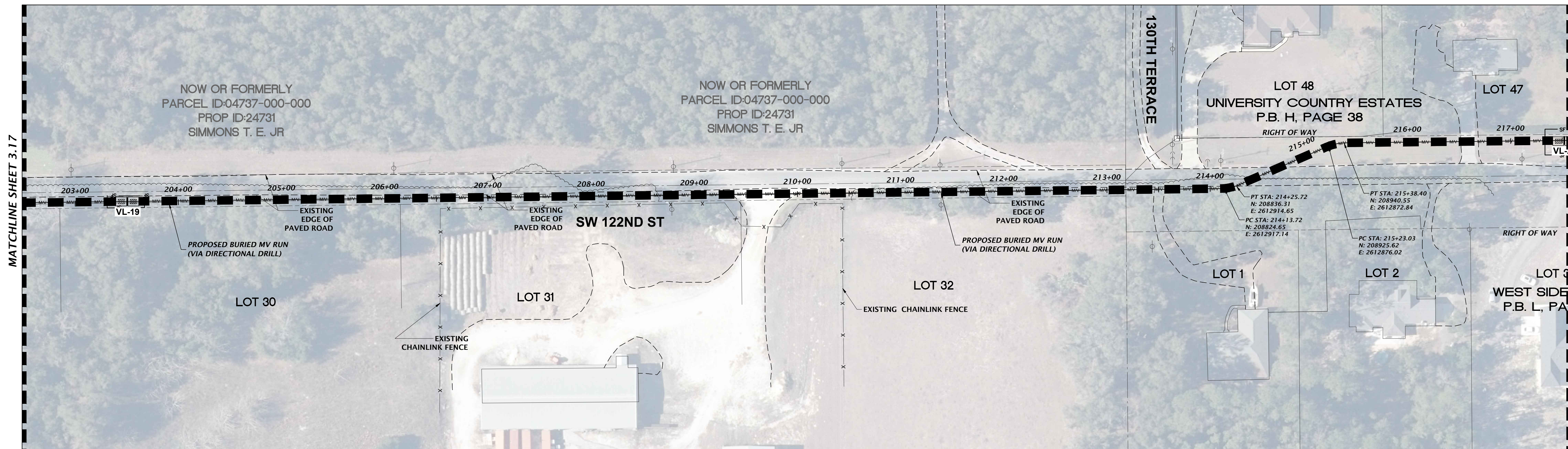
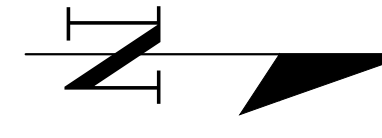
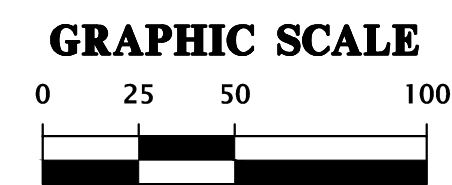
MITCHELL G. MASON
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 SHEET NO. **C3.17**

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LEGEND:
 PRECAST VAULT (SEE DETAIL SHEET C3.19)
 PROPOSED BURIED MEDIUM VOLTAGE (MV) ELECTRICAL RUN, VIA DIRECTIONAL BORE AND OPEN TRENCH (SEE DETAILS SHEET C3.19)



Title: Thomasp; Plot Date: Sep 21, 2023 10:50am; Filename: M:\2023\22-0264\Department\CA_Engineering\CA_Engineering\22-0264_Detailed_Utility_Route.dwg

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 THIS SHEET, ADJUST SCALES ACCORDINGLY.

DATE: 06/05/2023 - SUBMITTAL TO ALACHUA COUNTY
 07/31/2023 - SUBMITTAL TO ALACHUA COUNTY
 09/05/2023 - SUBMITTAL TO ALACHUA COUNTY
 09/21/2023 - SUBMITTAL TO ALACHUA COUNTY

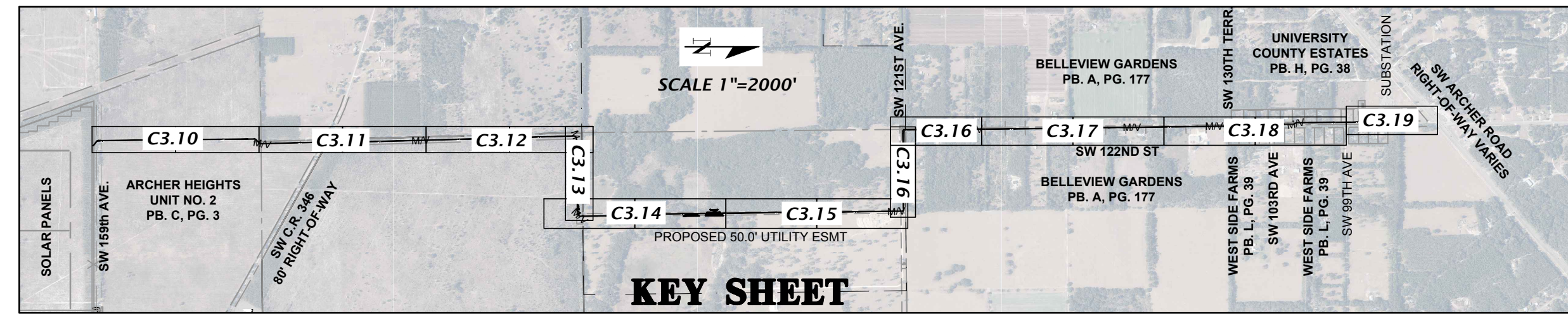
CLIENT: ORGIS ENERGY
 PROJECT: ORGIS ENERGY SOLAR FACILITY
 SHEET TITLE: DETAILED UTILITY PLAN

DESIGNER: K.T. MCMANON
 CHECKER: KRISTEN JACKSON
 QUALITY CONTROL: M. MASON
 PROJECT NUMBER: 22-0264

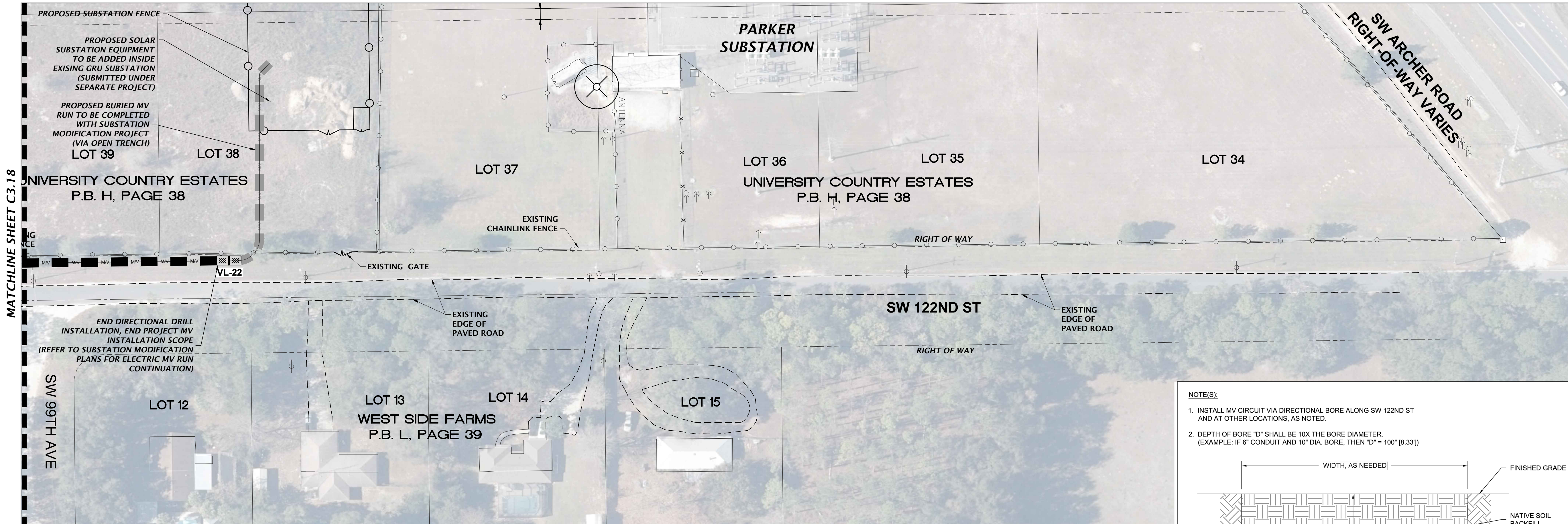
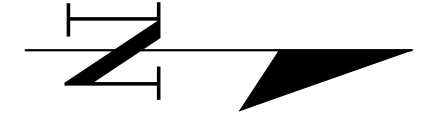
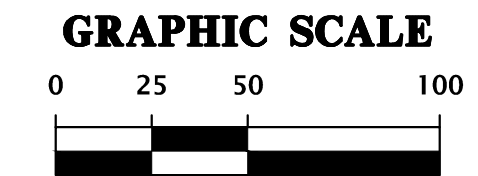
MITCHELL G. MASON
 Mitchell G. Mason, P.E.
 State of Florida, Professional Engineer, License No. 92335
 This item has been digitally signed and sealed by Mitchell G. Mason, P.E. on the date indicated here: 09/21/2023
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FL PE No. 92335
 SHEET NO. **C3.18**

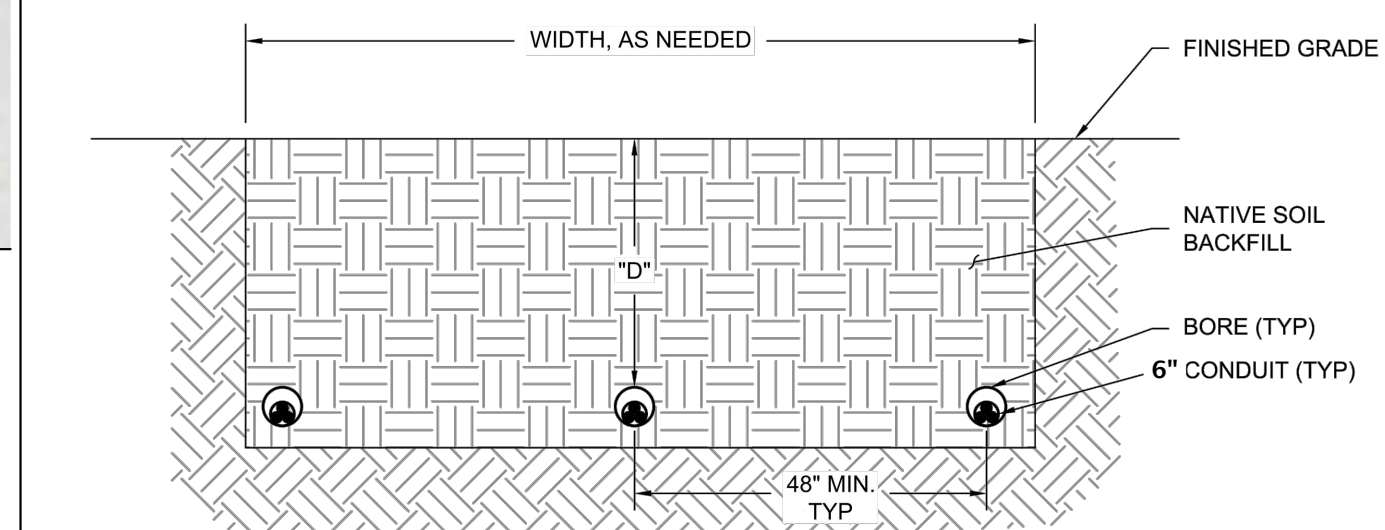
NOTE: DEVELOPER AND GRU WILL USE THE PW ROW USE PERMIT APPLICATION FOR THE WORK WITHIN THE SW 122ND STREET ROW.



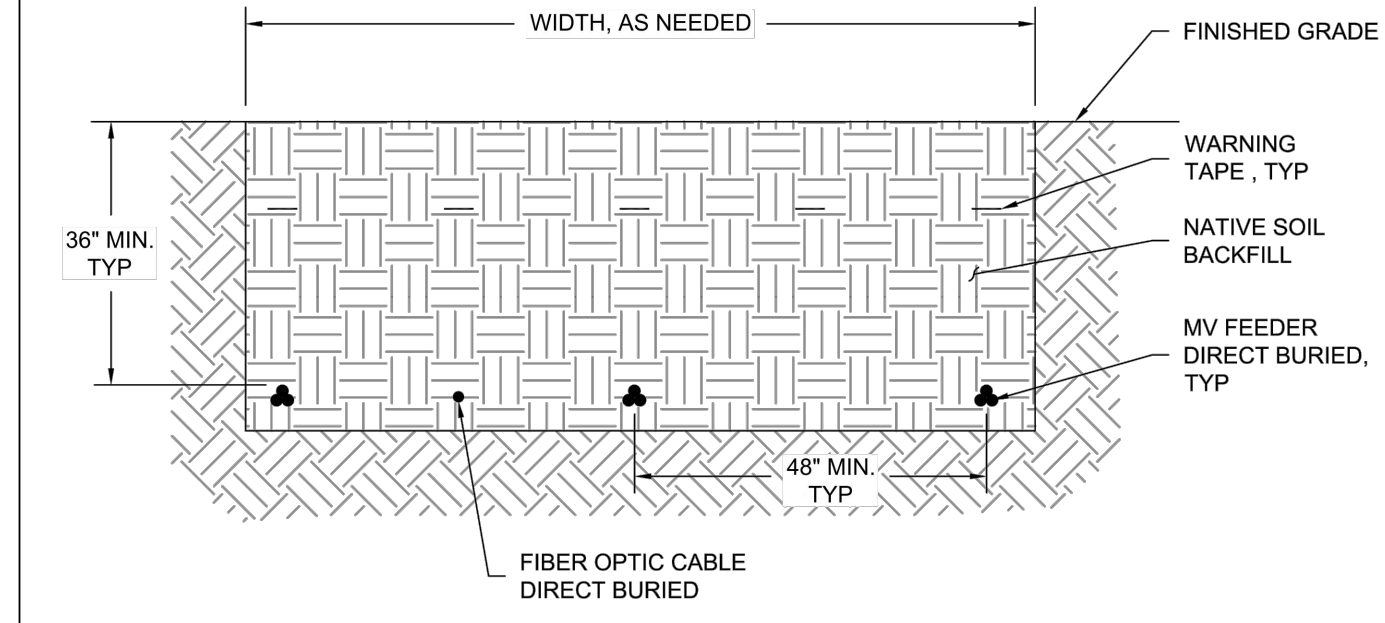
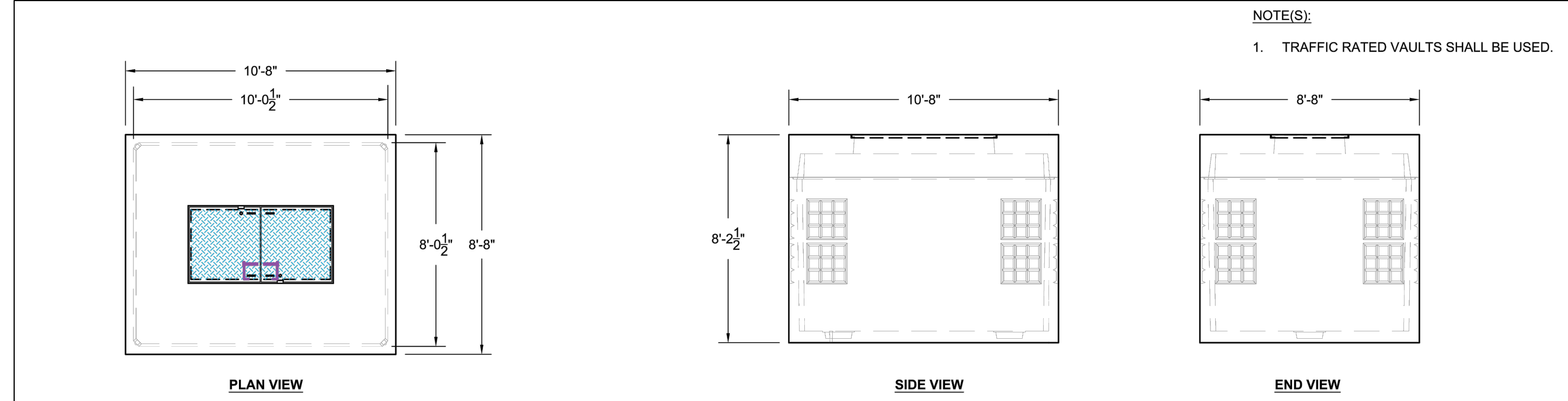
- LEGEND:**
- PRECAST VAULT (SEE DETAIL SHEET C3.19)
 - VL-13
 - PROPOSED BURIED MEDIUM VOLTAGE (MV) ELECTRICAL RUN, VIA DIRECTIONAL BORE AND OPEN TRENCH (SEE DETAILS SHEET C3.19)



- NOTE(S):**
- INSTALL MV CIRCUIT VIA DIRECTIONAL BORE ALONG SW 122ND ST AND AT OTHER LOCATIONS, AS NOTED.
 - DEPTH OF BORE "D" SHALL BE 10X THE BORE DIAMETER. (EXAMPLE: IF 6" CONDUIT AND 10" DIA. BORE, THEN "D" = 100" [8.33'])



- NOTE(S):**
- TRAFFIC RATED VAULTS SHALL BE USED.



11801 Research Drive
Alachua, Florida 32615
(352) 351-1976
www.chw-inc.com
est. 1988 FLORIDA
CA-5075

CHW
Professional Consultants

SCALE: 1"=50'
VERIFY SCALE ON ORIGINAL DRAWING
IF ANY SCALE DISCREPANCY, THIS SHEET ADJUST SCALES ACCORDINGLY.

CONSTRUCTION HISTORY

06/05/2023 - SUBMITTAL TO ALACHUA COUNTY
07/31/2023 - SUBMITTAL TO ALACHUA COUNTY
09/05/2023 - SUBMITTAL TO ALACHUA COUNTY
09/21/2023 - SUBMITTAL TO ALACHUA COUNTY

CLIENT: ORIGIS ENERGY
PROJECT: ORIGIS ENERGY SOLAR FACILITY
SHEET TITLE: DETAILED UTILITY PLAN

DESIGNER: K.T. MCMAHON
CHECKER: KRISTEN JACKSON
QUALITY CONTROL: M. MASON
PROJECT NUMBER: 22-0264

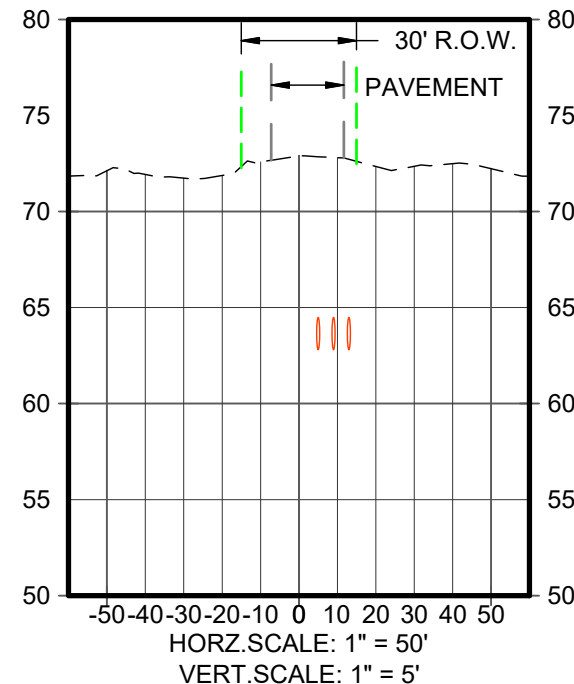
MITCHELL G. MASON
Mitchell G. Mason, P.E.
State of Florida, Professional Engineer, License No. 92335
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FL PE No. 92335
SHEET NO. **C3.19**

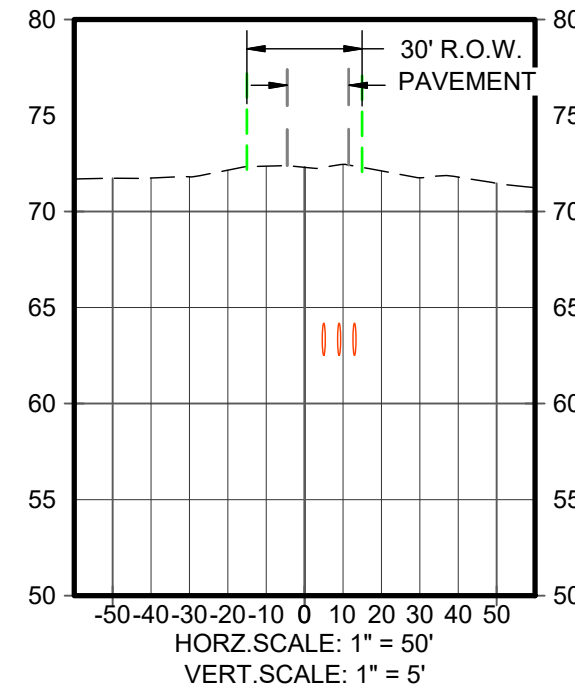
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User: thomson
Plot Date: Sep 21, 2023 2:57pm

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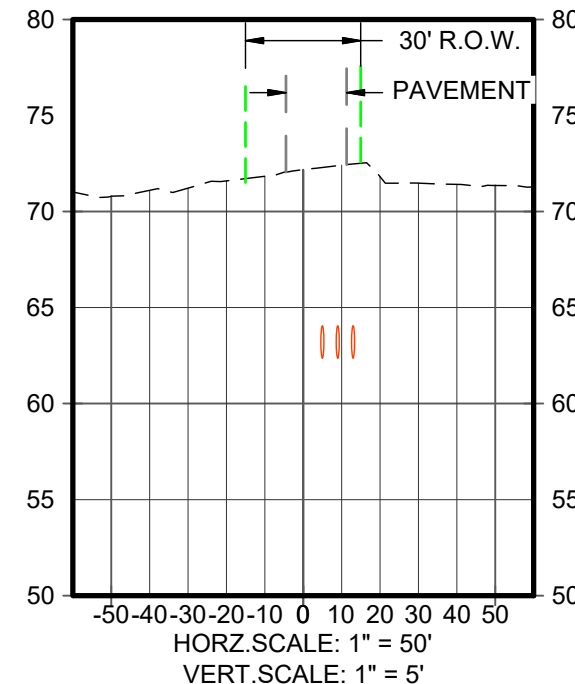
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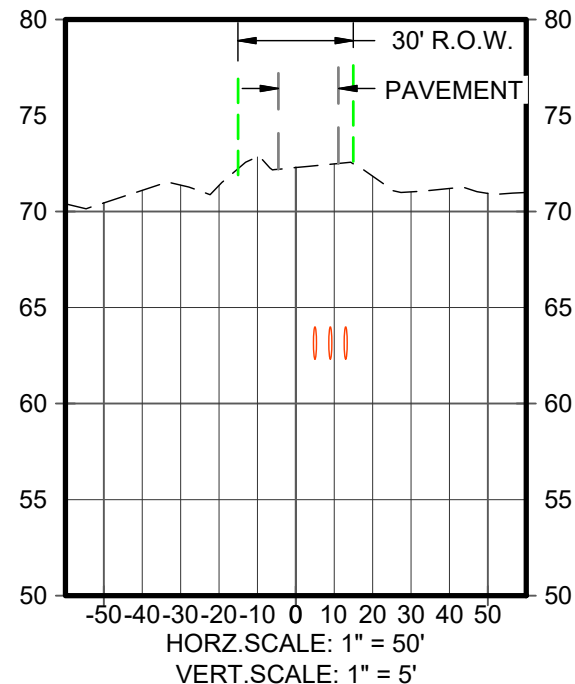
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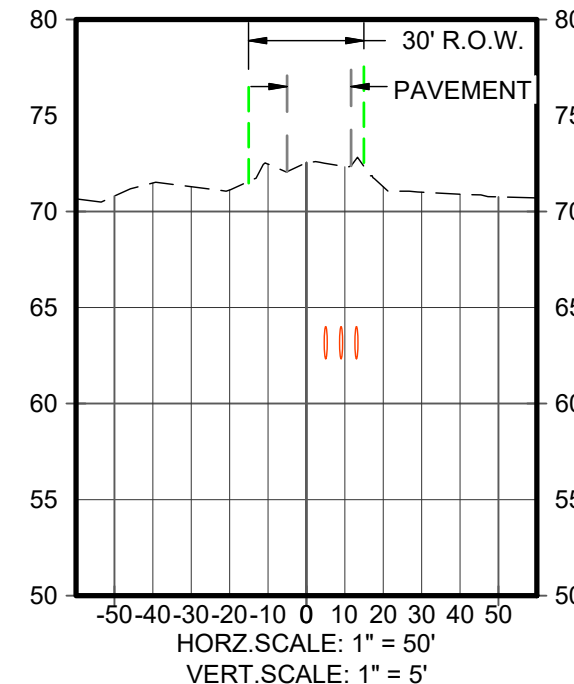
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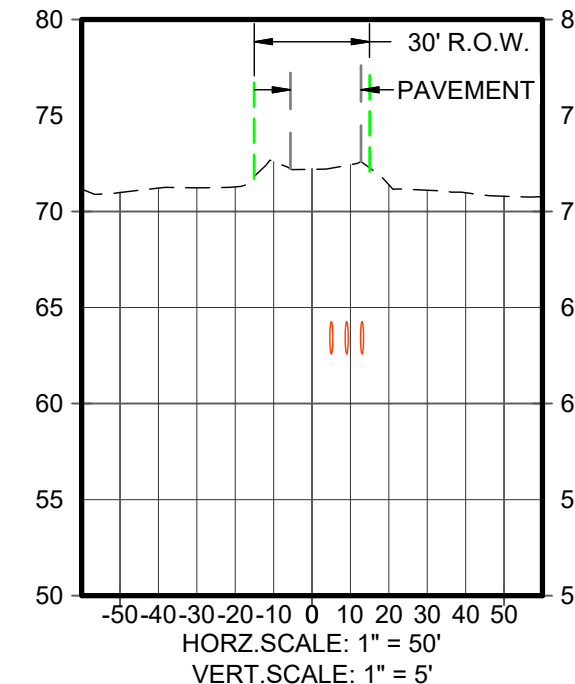
162+00



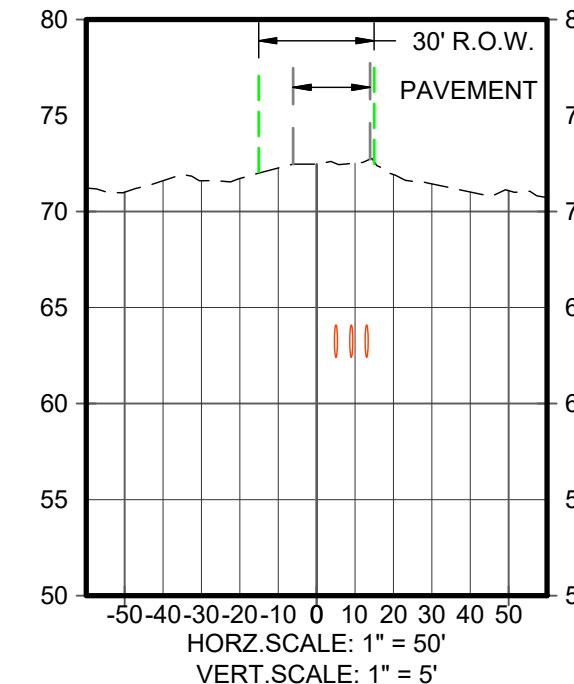
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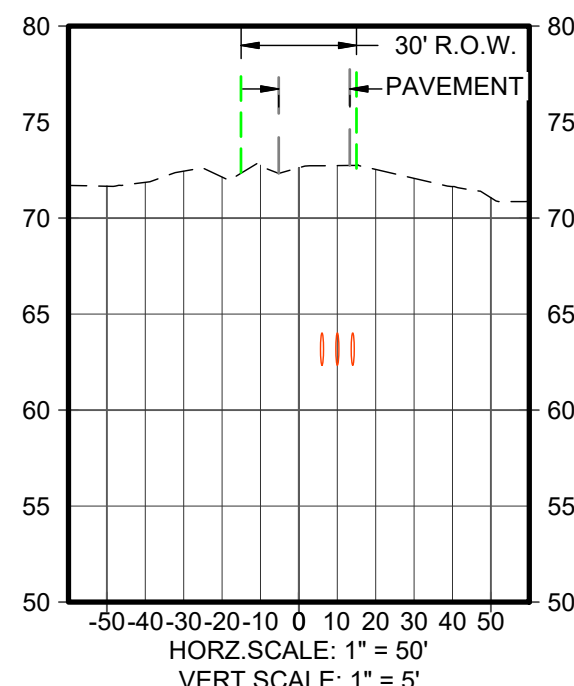
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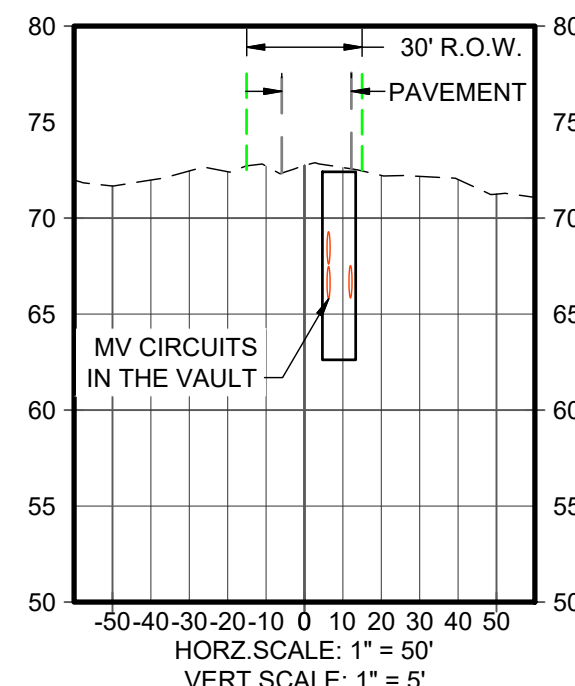
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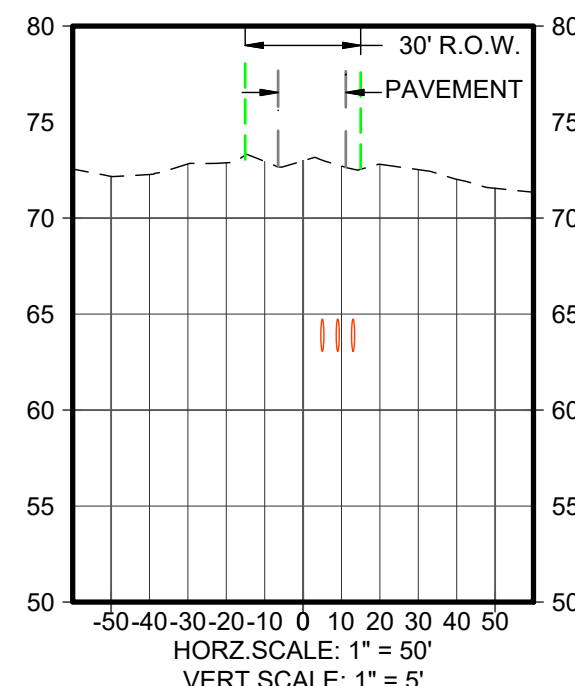
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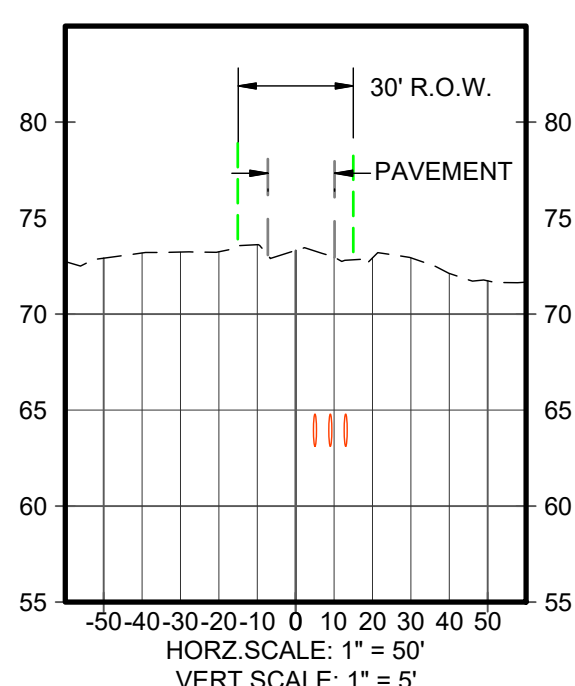
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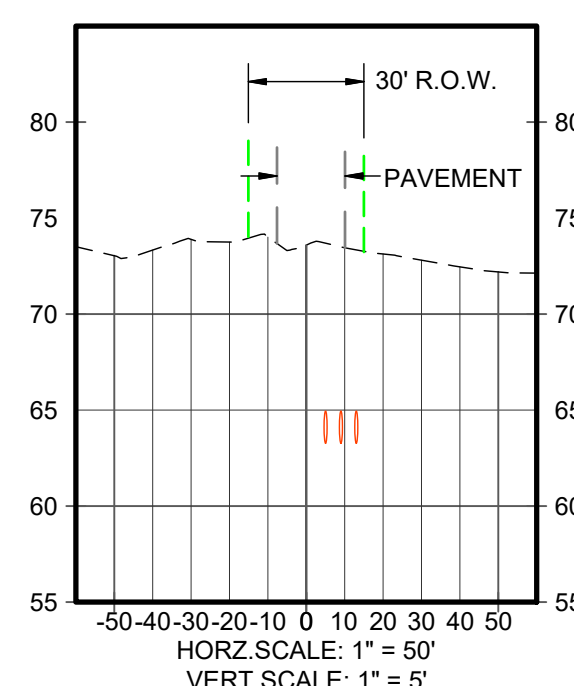
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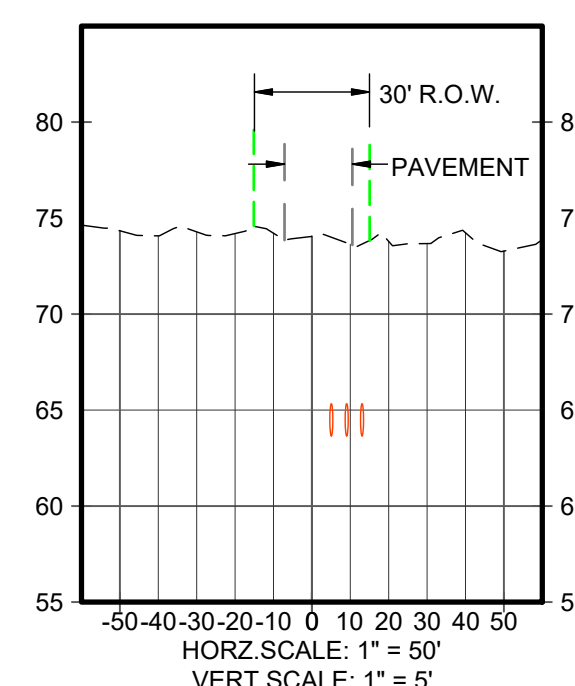
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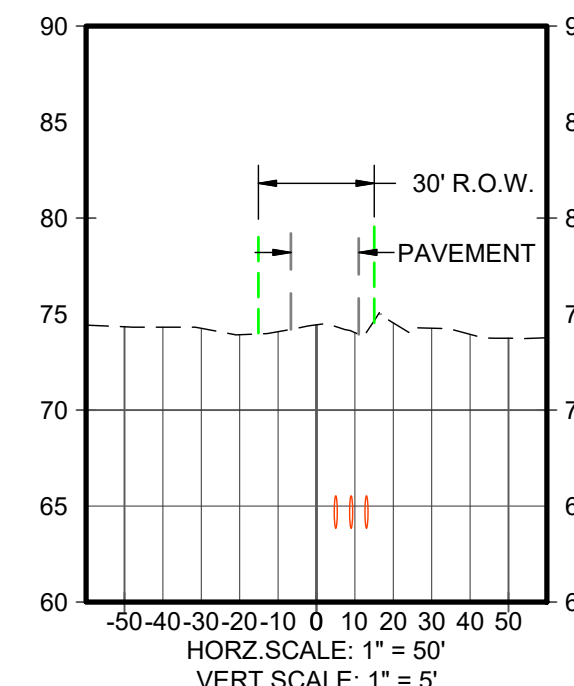
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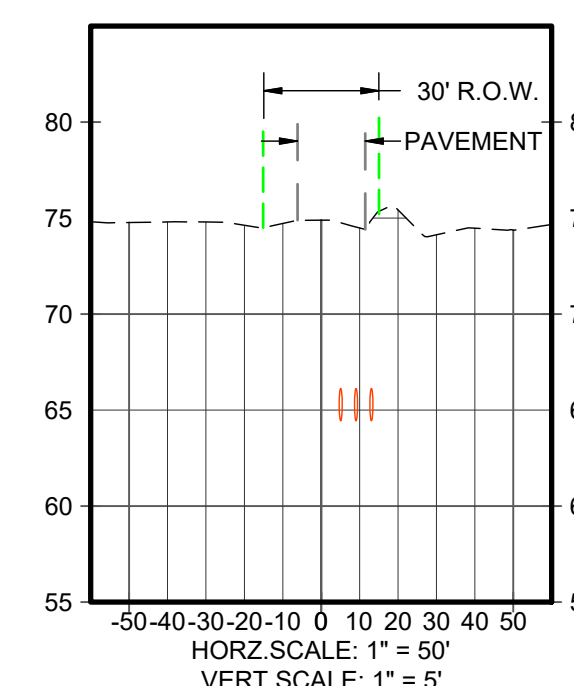
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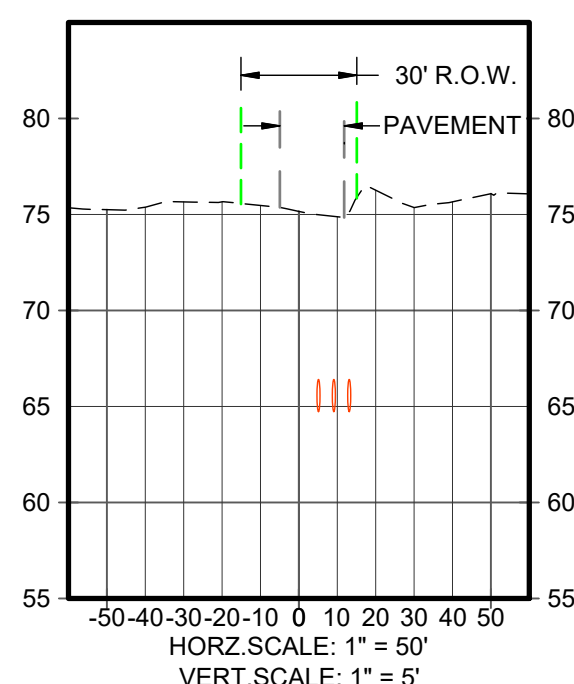
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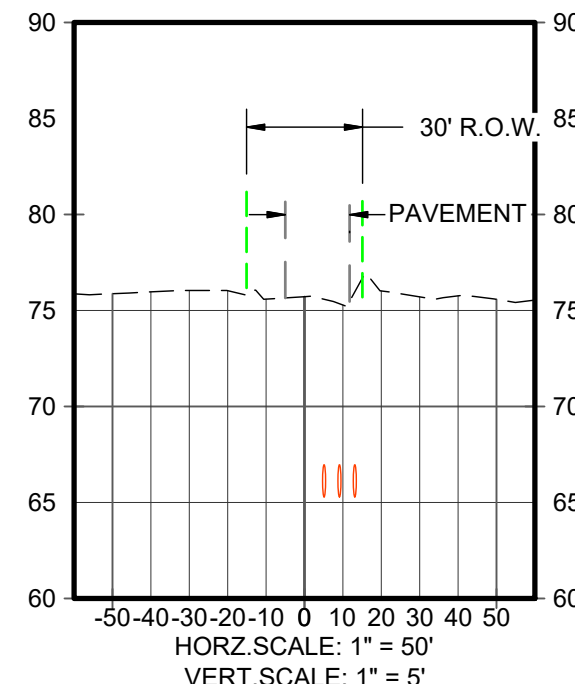
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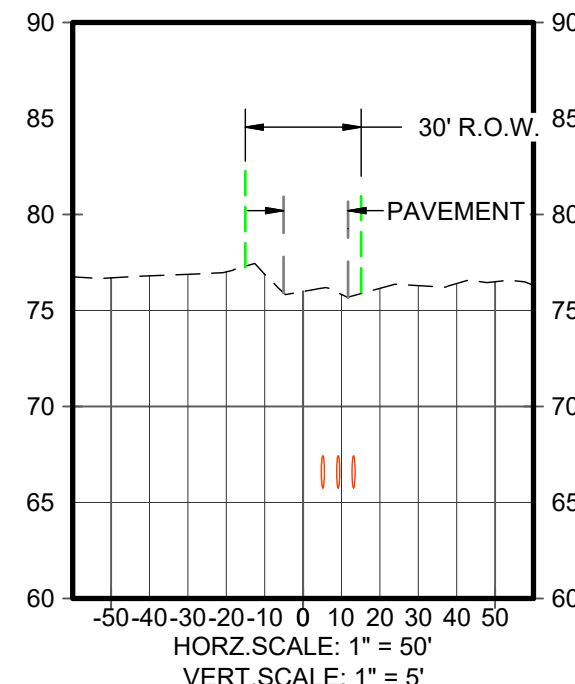
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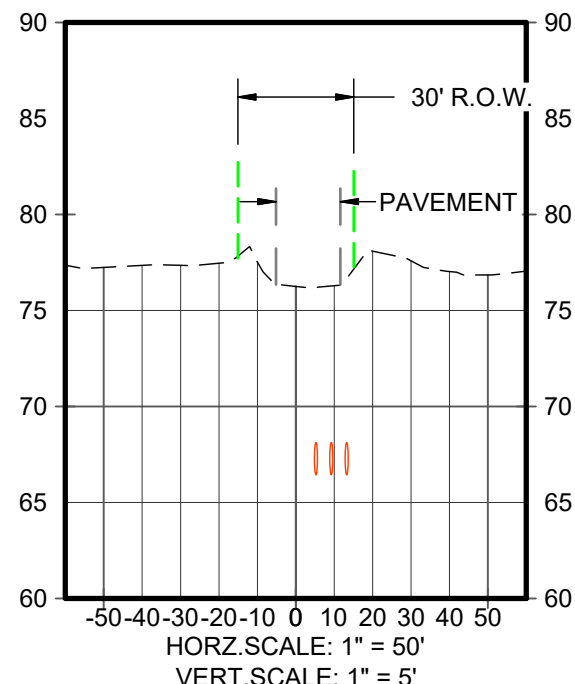
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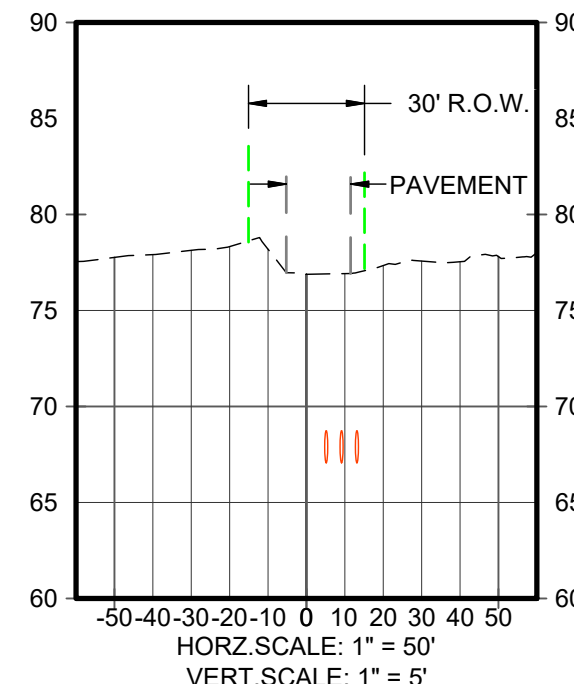
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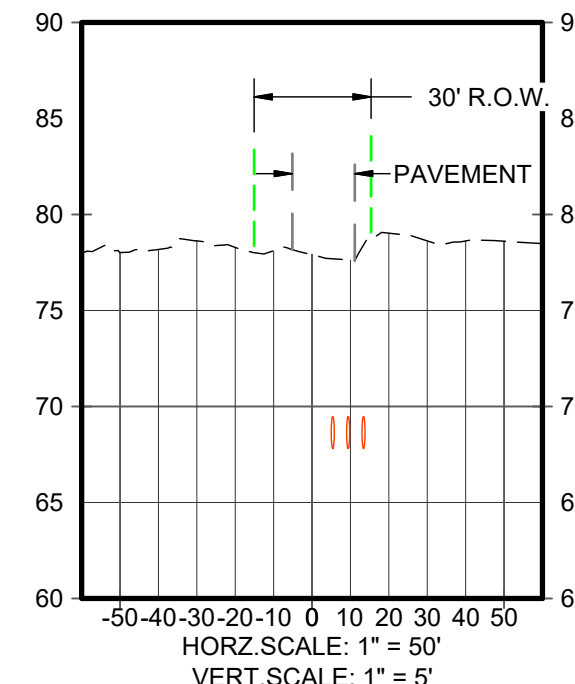
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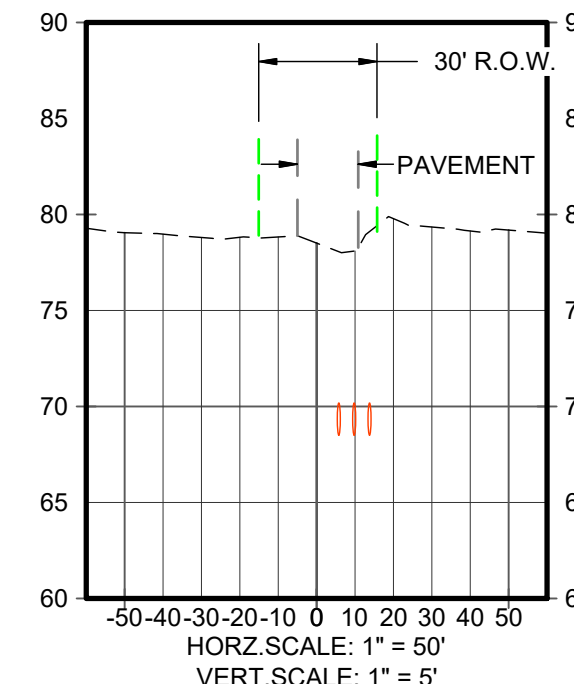
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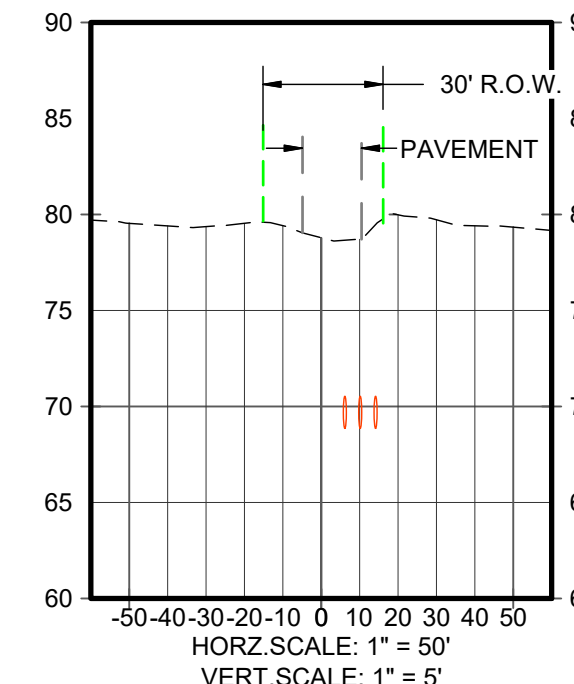
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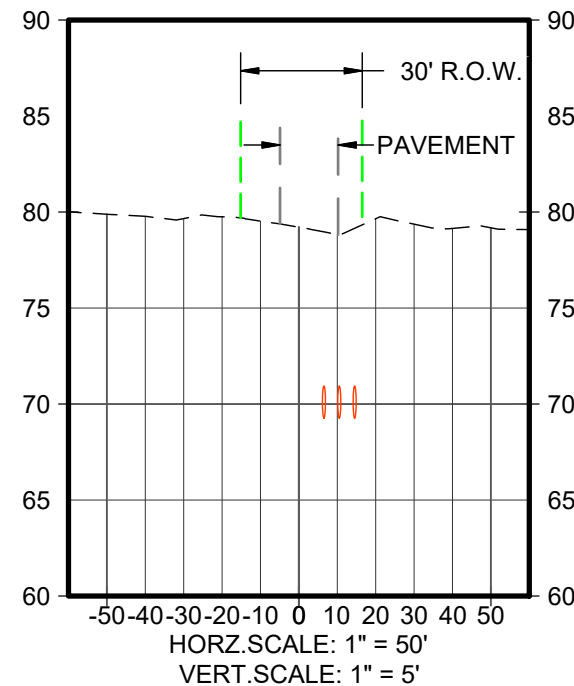
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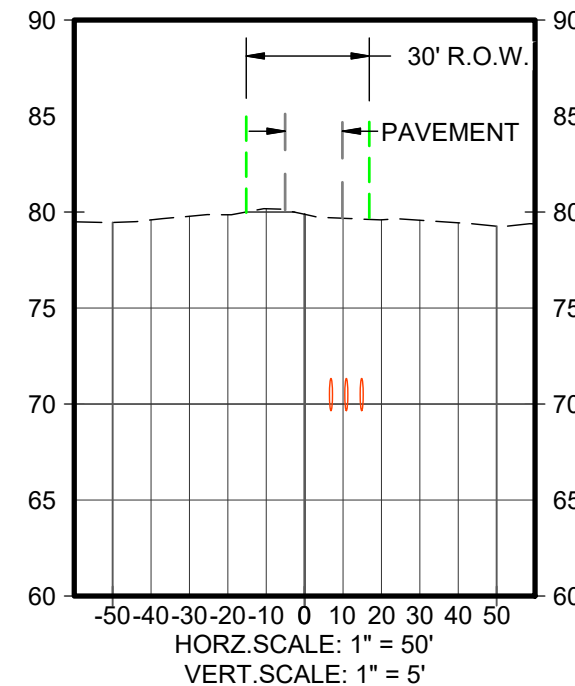
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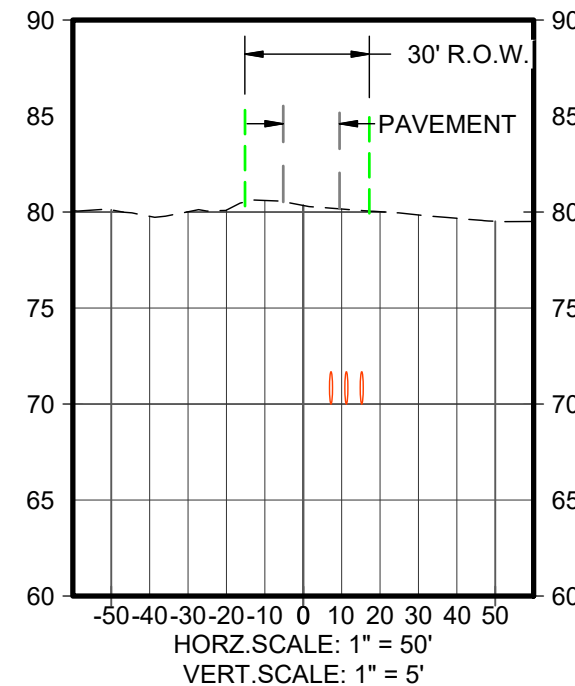
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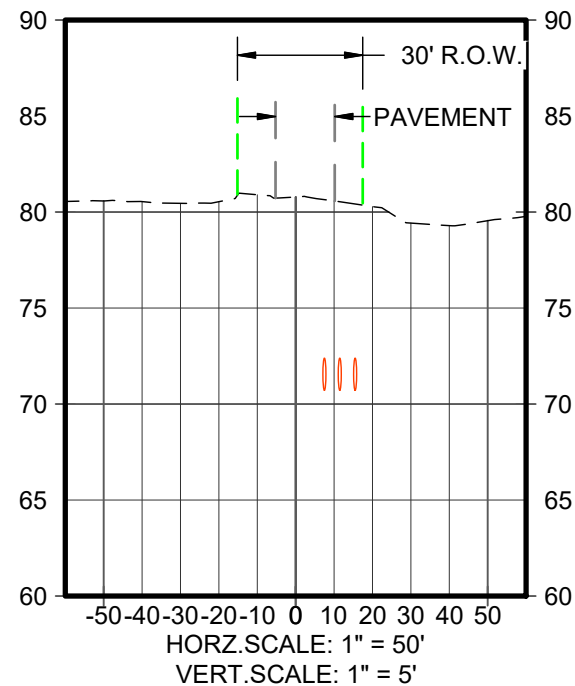
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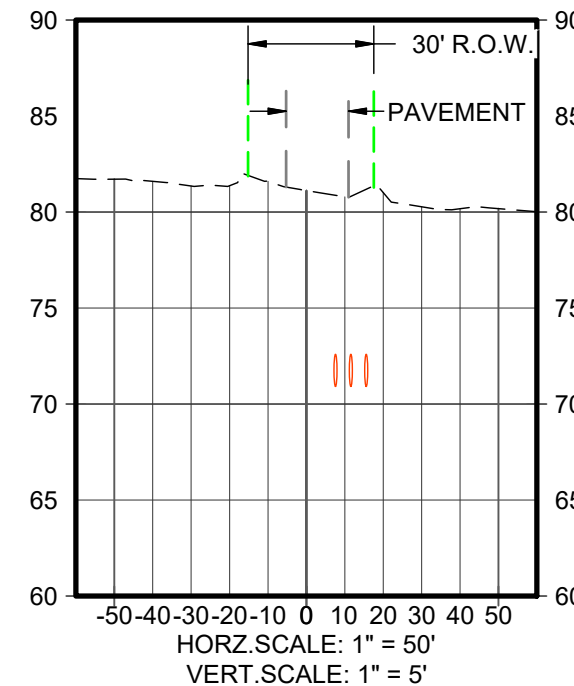
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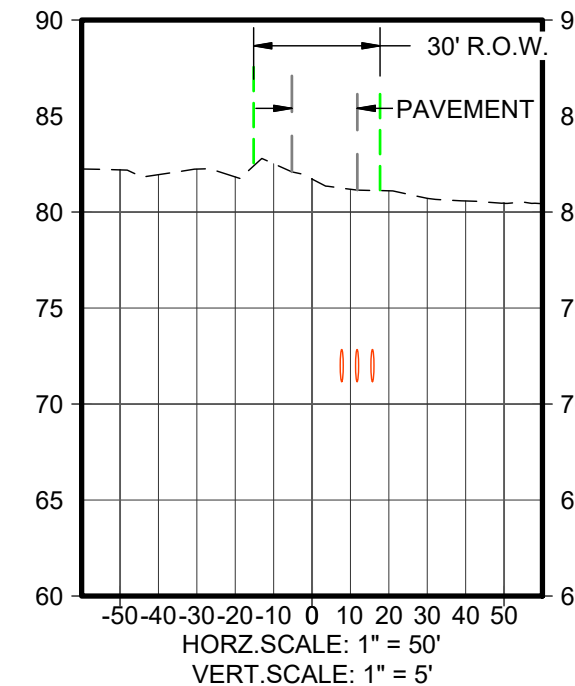
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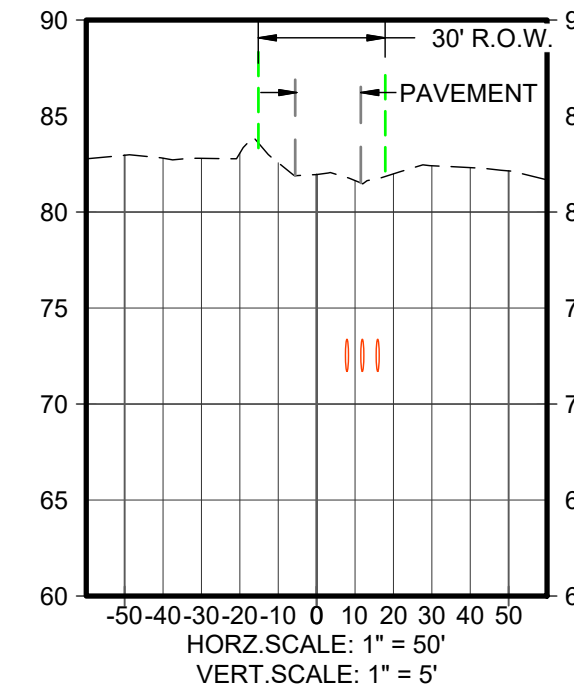
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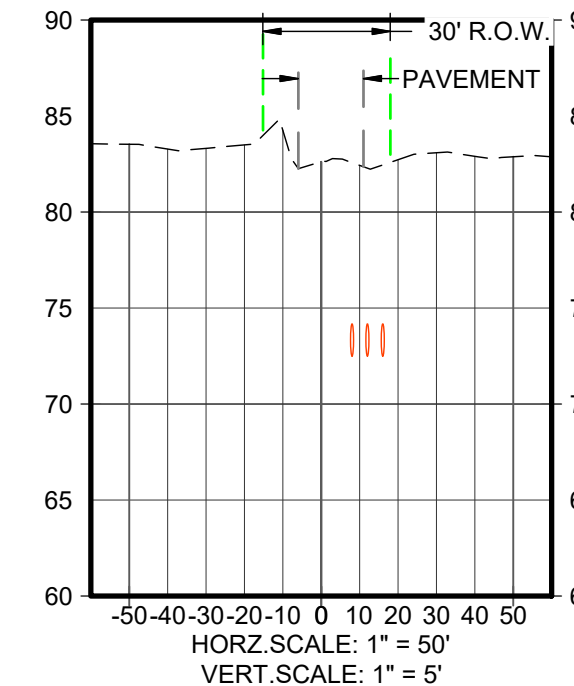
174+50



175+00



175+50



LEGEND

- (E) GRADE
- RIGHT-OF-WAY
- EDGE OF ROAD
- (E) BARBED WIRE FENCE
- MV CABLES

3947 Lennane Drive, Suite 130
Sacramento, CA 95834
www.TRCompanies.com

CLIENT:

ORIGIS ENERGY
POWERING THE SOLAR REVOLUTION

800 BRICKELL AVE, SUITE 1000
MIAMI, FL 33131

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|---------------------|------------------|
| INTERNAL USE ONLY - | |
| DRAWN: JT | JRS |
| CHKD: P.M. | JTG |
| PROJECT #: | 52103-SB-P |
| FILE NAME: | D18-sections.dwg |
| DATE: 08.08.23 | BY: JT |
| DATE: 08.08.23 | BY: JT |
| DESCRIPTION: | PRELIMINARY |

PROJECT: SAND BLUFF SOLAR PROJECT
ACHALUA COUNTY, FLORIDA

DRAWING TITLE: PRELIMINARY SECTIONS ALONG SW 122ND STREET

DRAWING NO. **PTD-18**

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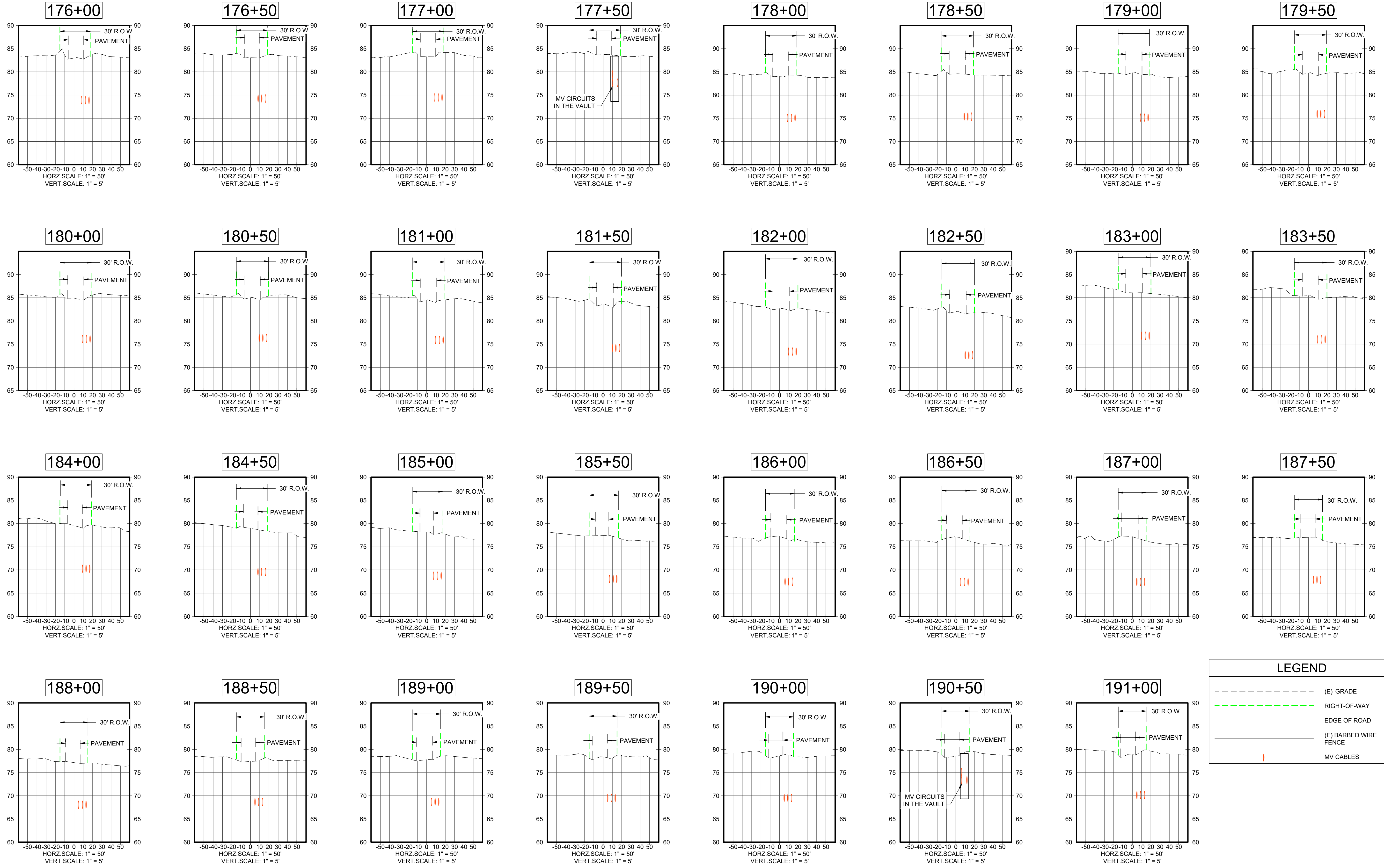
800 BRICKELL AVE, SUITE 1000
MIAMI, FL 33131

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| DRAWING TITLE | | DATE | |
| SAND BLUFF SOLAR PROJECT | | 08/23/23 | |
| PRELIMINARY SECTIONS ALONG SW 122ND STREET | | 08/23/23 | |
| PROJECT # | | BY | |
| 52103-SB-P | | JT | |
| FILE NAME | | PRINTED | |
| D18-sections.dwg | | 08/23/23 | |
| DRAWING NO. | | DESCRIPTION | |
| PTD-19 | | PRELIMINARY SECTIONS ALONG SW 122ND STREET | |

PROJECT:
SAND BLUFF SOLAR PROJECT
ACHALUA COUNTY, FLORIDA
DRAWING TITLE:
PRELIMINARY SECTIONS ALONG SW 122ND STREET
DRAWING NO.
PTD-19

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LEGEND

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| FILE NAME: | D18-sections.dwg |
| DATE: 08.08.23 | BY: JT |
| DATE: | BY: PRINTED |
| DESCRIPTION: | PRELIMINARY |
| DESCRIPTION: | DESCRIPTION |

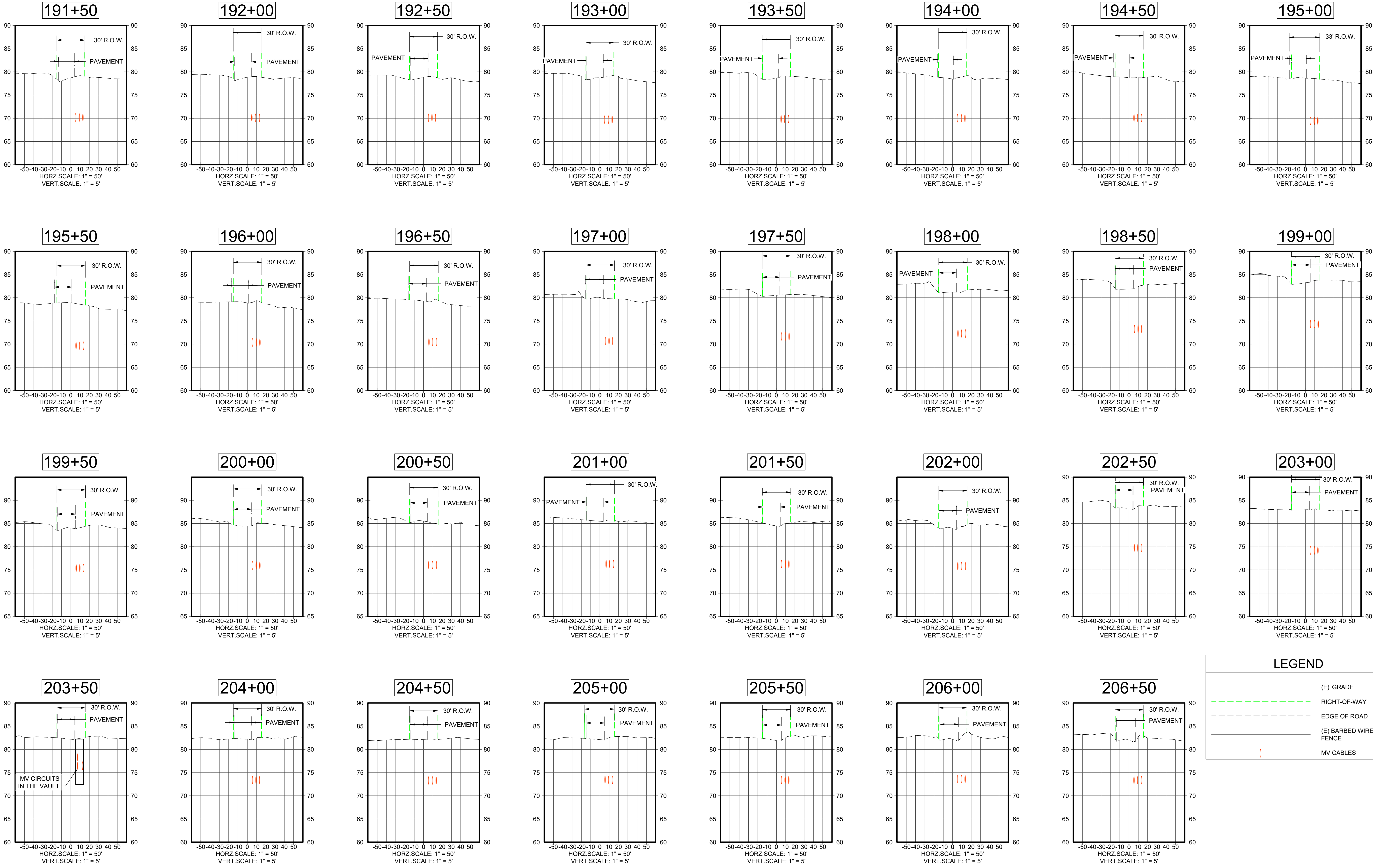
PROJECT:
**SAND BLUFF
SOLAR PROJECT**
ACHALUA COUNTY, FLORIDA

DRAWING TITLE:
**PRELIMINARY SECTIONS
ALONG SW 122ND STREET**

DRAWING NO.
PTD-20

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LEGEND

| | |
|--|-----------------------|
| | (E) GRADE |
| | RIGHT-OF-WAY |
| | EDGE OF ROAD |
| | (E) BARBED WIRE FENCE |
| | MV CABLES |

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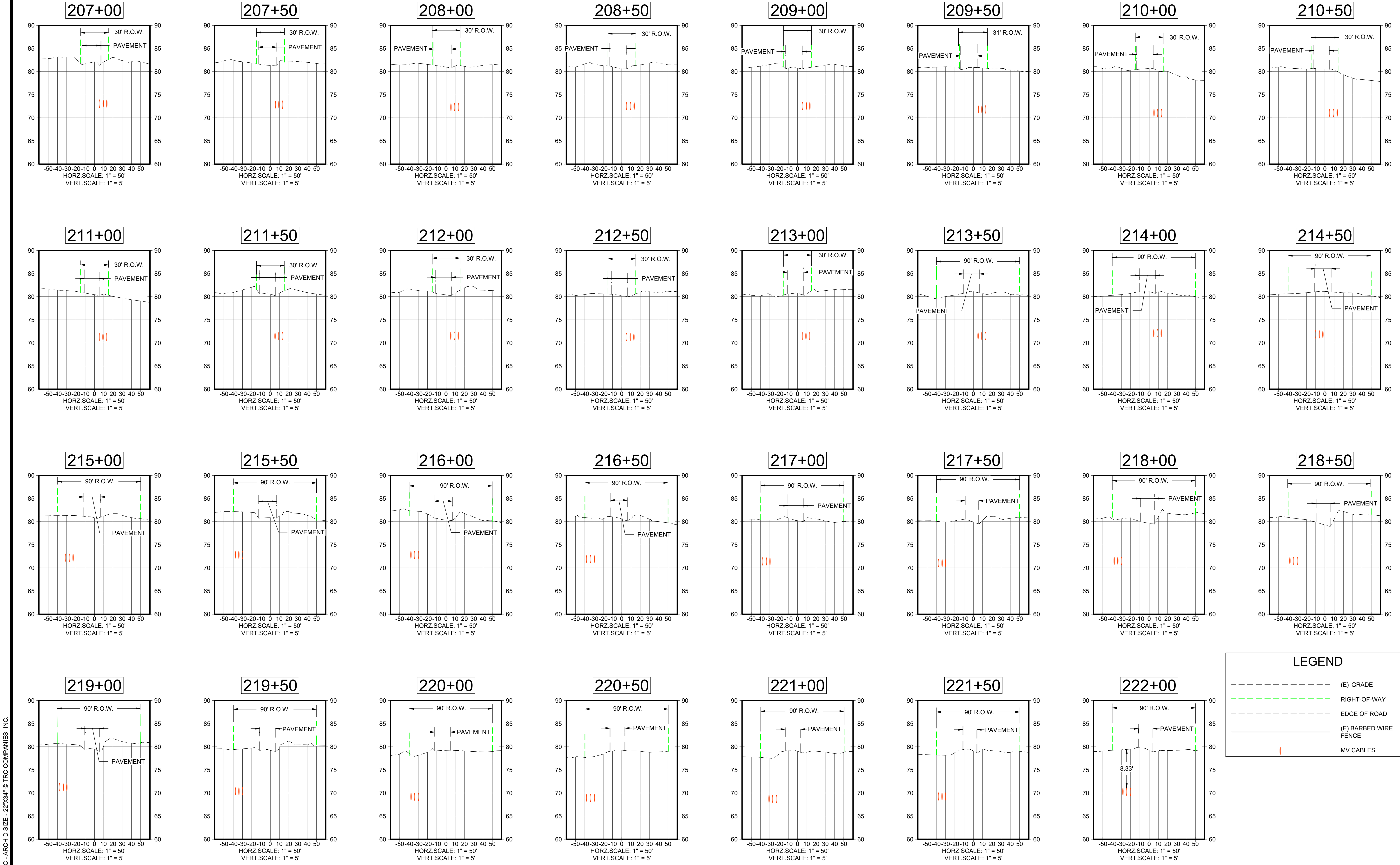
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| DRAWN: JT | JRS |
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| P. I.: | PROJECT #: |
| | 52103-SB-P |
| | FILE NAME: |
| | D:\sections.dwg |
| DATE: 08.08.23 | BY: JT |
| DATE: 08.08.23 | BY: PRINTED |
| | DESCRIPTION: |
| | PRELIMINARY |

PROJECT:
**SAND BLUFF
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ACHALUA COUNTY, FLORIDA

DRAWING TITLE:
**PRELIMINARY SECTIONS
ALONG SW 122ND STREET**

DRAWING NO.
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LEGEND

| | |
|--|-----------------------|
| | (E) GRADE |
| | RIGHT-OF-WAY |
| | EDGE OF ROAD |
| | (E) BARBED WIRE FENCE |
| | MV CABLES |

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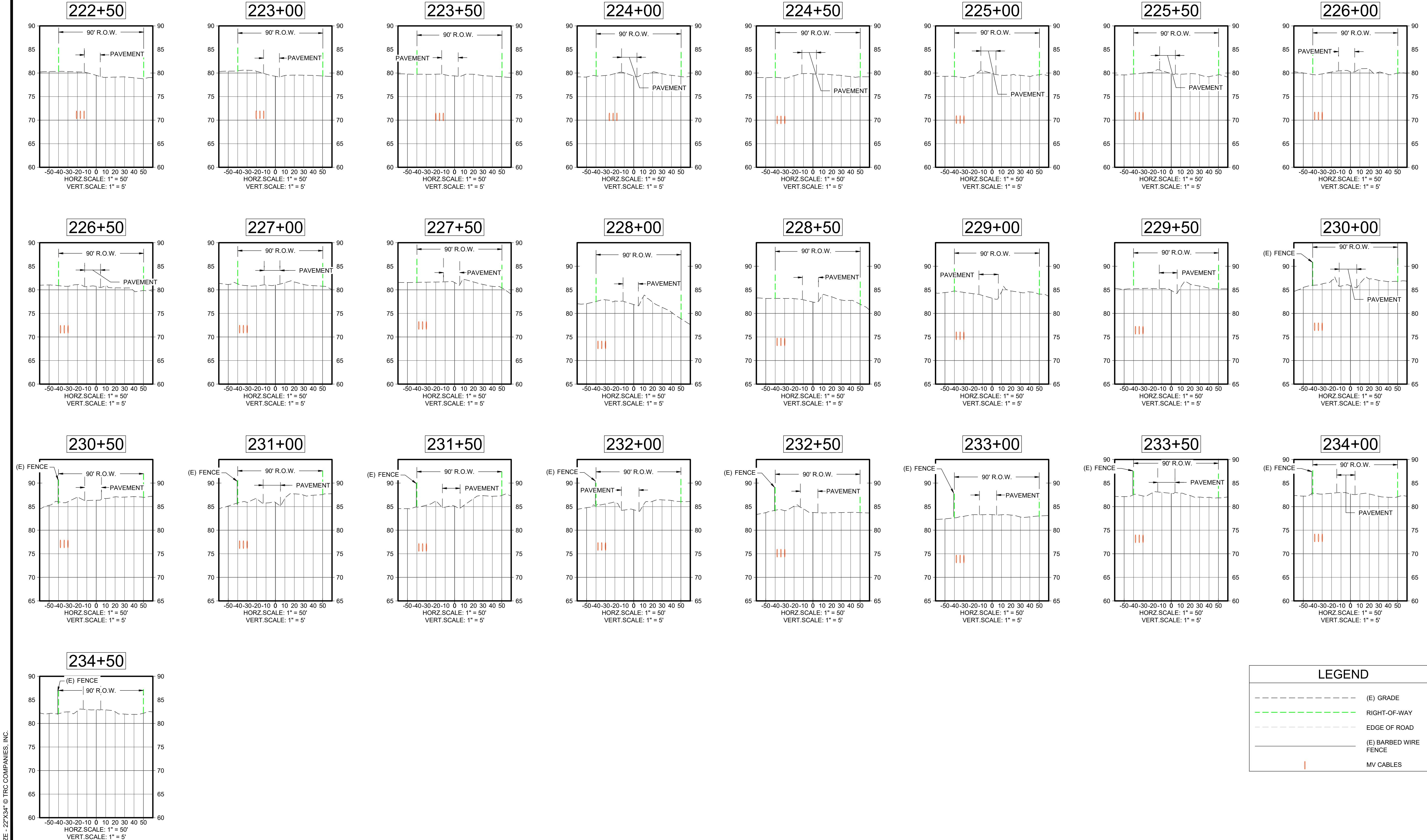
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| INTERNAL USE ONLY - | | | | | |
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| CHKD: | | | | FILE NAME: | D18-sections.dwg |
| P.M.: | | | | DATE: | 08/08/23 |
| | | | | BY: | JT |
| | | | | PRINTED: | 08/08/2023 |
| | | | | PRELIMINARY DESCRIPTION | |

PROJECT:
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SOLAR PROJECT**
ACHALUA COUNTY, FLORIDA

DRAWING TITLE:
**PRELIMINARY
TRENCH DESIGN**

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LEGEND

| | |
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| | EDGE OF ROAD |
| | (E) BARBED WIRE FENCE |
| | MV CABLES |