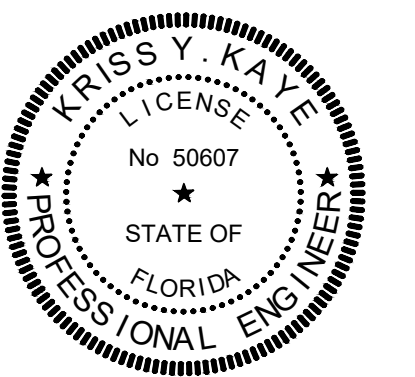


# PINECREST MINE (CR 640 MINE EXPANSION)

## A NON-PHOSPHATE MINE CONDITIONAL USE MODIFICATION PLANS

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KRISS Y. KAYE, P.E., MS ENV, CFM, EOR  
FL P.E. LIC. NO. 50607

LOCATION:  
CR 640 PINECREST  
MULBERRY, FLORIDA

PREPARED FOR:  
**NICHOLS RANCH, LLC**  
439 S. FLORIDA AVENUE SUITE 202  
LAKELAND, FL 33801  
(863) 683-9297

### GENERAL NOTES

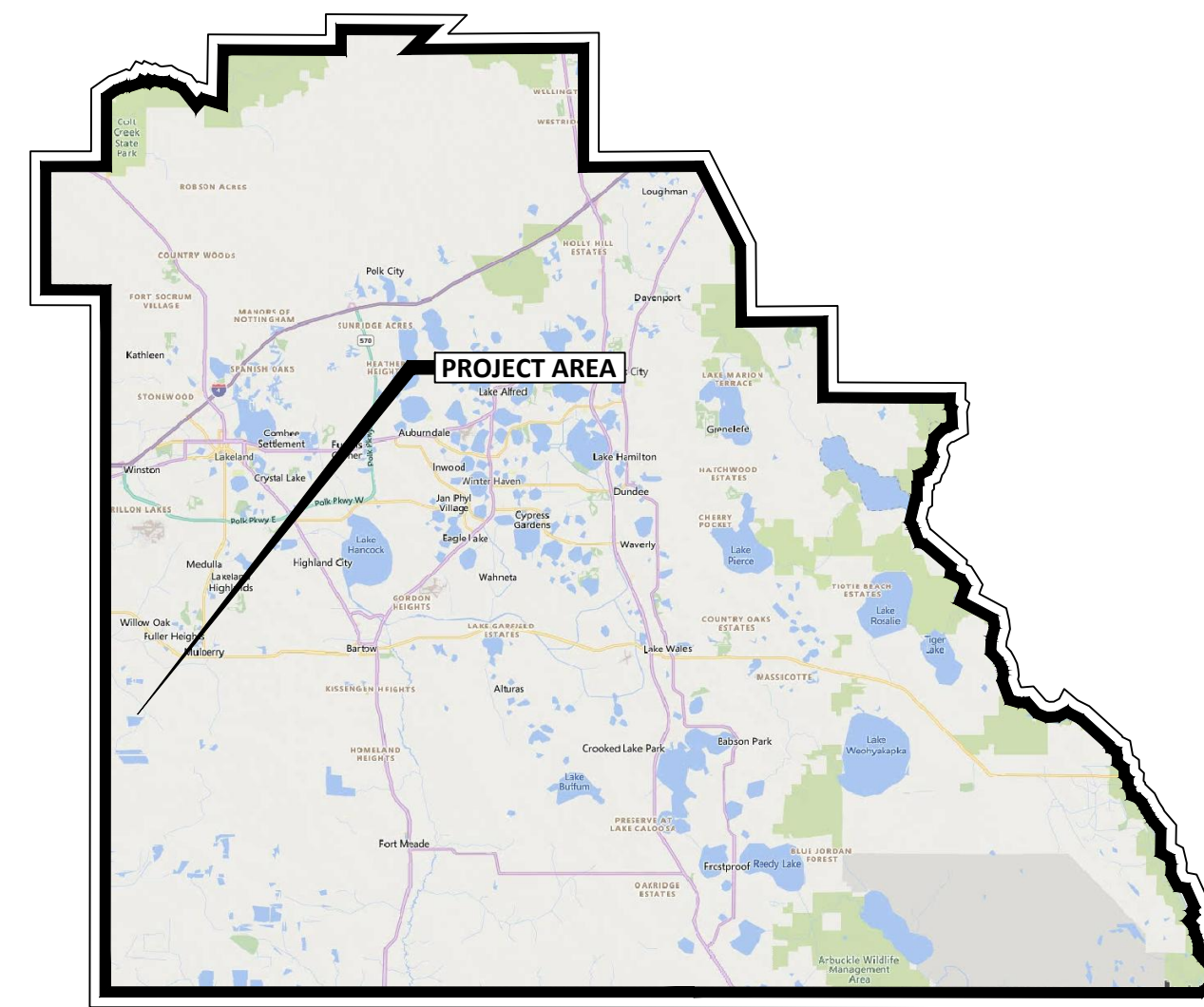
- PRE-CONSTRUCTION MEETINGS** - COORDINATION A PRE-CONSTRUCTION MEETING WITH THE EOR, LOCAL GOVERNING AGENCIES SERVICE PROVIDER/UTILITY OWNERS IS REQUIRED PRIOR TO COMMENCING ACTIVITIES. THE PRE-CONSTRUCTION MEETING CANNOT BE SCHEDULED UNTIL ALL THE REQUIRED PERMITS, LOCAL, STATE, AND FEDERAL ARE ISSUED.
- APPROVED PLANS** - AN APPROVED, SIGNED BY THE AHI (E.G. CITY/COUNTY/FOOT) SET OF PLANS MUST BE ON THE SITE AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY POWER, ACCESS AND GARBAGE/CONSTRUCTION DEBRIS STORAGE, REMOVAL AND DISPOSAL.
- UTILITY NOTIFICATION** - THE CONTRACTOR MUST LOCATE ALL ABOVE GROUND AND UNDERGROUND UTILITIES AND IS RESPONSIBLE FOR THE INSTALLATION COORDINATION, REMOVAL AND RELOCATION OF UTILITIES AS NECESSARY FOR THE PROPOSED IMPROVEMENTS. THERE IS A STATEWIDE UTILITY LOCATION SERVICE. THE CONTRACTOR MUST CALL 811 TWO FULL BUSINESS DAYS FOR REGULAR DIG SITES AND TEN FULL BUSINESS DAYS WHEN DIGGING UNDERWATER PRIOR TO COMMENCING WORK. THE CONTRACTOR MUST NOTIFY THE ENGINEER IMMEDIATELY IF ANY CONFLICTS OCCUR SO THE DESIGN MAY BE ADJUSTED. THE CONTRACTOR MUST NOTIFY THE ENGINEER IMMEDIATELY IF ANY CONFLICTS OCCUR SO THE DESIGN MAY BE ADJUSTED. ALL EXISTING UTILITIES SHOWN ARE APPROXIMATE LOCATIONS ONLY AND HAVE BEEN COMPILED FROM THE LATEST AVAILABLE MAPPING. THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- GEOTECHNICAL REQUIREMENTS** - CONTRACTOR MUST COORDINATE WITH GEOTECHNICAL ENGINEER TO PERFORM TESTING, MONITORING AND GUIDANCE AGAINST ADJACENT STRUCTURE SETTLEMENT OR DAMAGE AS A RESULT OF ONSITE ACTIVITIES. THE CONTRACTOR MUST COORDINATE, AS APPLICABLE, WITH THE EOR AND GEOTECHNICAL ENGINEER TO WITNESS ALL TESTING AND OBSERVE ALL CONSTRUCTION PRIOR TO COMPLETION TO INCLUDE SUBSURFACE UTILITIES PRIOR TO TRENCH FILLING.  
GEOTECHNICAL ENGINEER LETTER CONTRACTOR CONFORMANCE REQUIREMENTS - A LETTER OF CONFORMANCE MUST BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER OF RECORD (EOR) OF THESE PLANS BEFORE THE EOR CAN SUBMIT A FINAL PROJECT CERTIFICATION TO ANY REVIEWING AGENCIES CERTIFIED BY THE CONTRACTOR'S GEOTECHNICAL ENGINEER. THE CONFORMANCE LETTER MUST READ THE FOLLOWING:  
*WE PROVIDED PROFESSIONAL MATERIALS TESTING AND SAMPLING SERVICES AND HAVE MADE EVERY REASONABLE EFFORT TO ASCERTAIN WHETHER THE GEOTECHNICAL ELEMENTS (E.G. UTILITY TRENCH BACKFILL, ROADWAY COURSES AND COMPACTION ON BUILDING PADS) WERE CONSTRUCTED IN GENERAL CONFORMANCE WITH THE APPROVED PROJECT SPECIFICATIONS AND THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. TO THE BEST OF OUR KNOWLEDGE, THE CONSTRUCTION MATERIALS FIELD AND LABORATORY TESTS AND SAMPLING ARE IN GENERAL CONFORMANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS, FOOT SPECIFICATIONS, PROJECT PLANS AND SPECIFICATIONS. WE CONDUCTED INSPECTION AND TESTING OF THE ABOVE ONSITE GEOTECHNICAL ELEMENTS IN ACCORDANCE WITH INDUSTRY STANDARDS, FOOT'S STANDARD SPECIFICATIONS AND APPLICABLE ASTM GUIDELINES.*  
DURING CONSTRUCTION THE CONTRACTOR'S GEOTECHNICAL ENGINEER MUST PROVIDE OVERSIGHT OF THE PROJECT'S GEOTECHNICAL ELEMENTS (E.G. FOR DRIVWAYS, STRUCTURES, TRENCHING, BERMS AND OTHER GEOTECHNICAL RELATED ELEMENTS) AND PROVIDE INSTALLATION RECOMMENDATIONS. IT IS NEEDED TO INCLUDE REVIEW OF ALL SITE ANOMALIES, SUBSURFACE CONDITIONS, THE PAVEMENT MIX DESIGN, SPECIFICATIONS. ALL COSTS RELATED BUT NOT LIMITED TO THE GEOTECHNICAL ENGINEERING OVERSIGHT, TESTING, LABORATORY WORK, RECOMMENDATIONS, AND BORINGS MUST BE INCLUDED AS PART OF THE SITE WORK CONSTRUCTION CONTRACT BID/PRICE. IN LOCATIONS WHERE CONSTRUCTION TAKES PLACE WITHIN PUBLIC RIGHTS-OF-WAY, ALL SAMPLING AND TESTING MUST BE IN ACCORDANCE WITH AGENCY HAVING JURISDICTION'S (AHJ) REQUIREMENTS. THE GEOTECHNICAL ENGINEER'S REQUIREMENTS MUST BE ADHERED TO AND MUST TAKE PRECEDENCE OVER CONFLICTS OR OTHER SPECIFICATIONS/REQUIREMENTS CONTAINED HEREON.
- SCHEDULE** - THE CONTRACTOR MUST CONTINUALLY PROVIDE THE EOR AND OWNER (IF APPLICABLE) WITH AN UPDATED SCHEDULE AS NEEDED OF CIVIL SITE CONSTRUCTION PROJECT MILESTONES (AND CLEARLY DEFINED MILESTONES WHICH ARE PERTINENT TO AND APPROVED BY THE EOR) TO INCLUDE BUT NOT LIMITED TO A SCHEDULE LISTED TYPES FOR SHOP DRAWINGS FOR GETTING CALLED FOR SHOP DRAWINGS, SYSTEM STARTUP, UTILITY CONNECTIONS, SYSTEMS TESTING, AGENCY APPROVALS) WITH SUFFICIENT DETAIL AND TIME TO ENABLE THE EOR TO BE AT THE SITE TO PERFORM CONSTRUCTION OBSERVATION ACTIVITIES IN CONSIDERATION OF FINAL CERTIFICATIONS. UNCALLED FOR SHOP DRAWINGS WILL BE RETURNED WITHOUT REVIEW.
- NOTIFICATIONS** - AT LEAST 14 BUSINESS DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR MUST NOTIFY THE EOR AND APPROPRIATE AGENCIES AND SUPPLY THEM WITH THE CONTRACTOR'S NAME, STARTING DATE, PROJECTED CONSTRUCTION SCHEDULE TO INCLUDE ALL PROJECT TEST DATES, MILESTONES, A SHOP DRAWINGS AND SUBMITTALS SCHEDULE, GEOTECHNICAL ENGINEER'S AND SURVEYOR'S CONTACT INFORMATION.
- SHOP DRAWINGS** - CONTRACTOR IS RESPONSIBLE FOR OBTAINING SHOP DRAWINGS FOR STRUCTURES (FROM PREFAB COMPANIES) WHICH ARE SIGNED AND SEALED BY THE VENDOR'S PROFESSIONAL STRUCTURAL ENGINEER FOR STRUCTURAL SUFFICIENCY. THE CONTRACTOR MUST REVIEW SHOP DRAWINGS AND APPROVE SAME FOR SUITABILITY RELATIVE TO INSTALLATION CONSTRAINTS AND COMPLIANCE WITH THE PLANS AFTER THE FIELD CONDITIONS ARE EXAMINED BY THE CONTRACTOR PRIOR TO SUBMITTING TO THE EOR; FIELD ADJUSTMENTS ARE TO BE PAID FOR AND ARE THE RESPONSIBILITY OF THE CONTRACTOR. IF THE CONTRACTOR IS GOING TO INSIST ON A QUICK REVIEW OF THE SHOP DRAWINGS, THE CONTRACTOR MUST PROVIDE A SCHEDULE OF SUBMITTALS THAT ALLOWS THE DESIGN TEAM REASONABLE TIME FOR REVIEW, I.E., 21 BUSINESS DAYS. SUBMITTALS CONCERNING THE PROPOSED IMPLEMENTATION OF MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, NON-PERMANENT WORK OF CONSTRUCTION ARE NOT THE RESPONSIBILITY OF THE EOR. CONTRACTOR MUST PROVIDE WRITTEN NOTICE OF DEVIATIONS FROM THE CONTACT DOCUMENTS. CONTRACTOR REMAINS LIABLE FOR ANY DEVIATIONS UNLESS REVIEWED AND APPROVED BY THE EOR.
- PLAN COMPLIANCE AND CERTIFICATION** - THE CONTRACTORS WHOM BIDS ON THIS PROJECT UNDERSTANDS THAT BY ACCEPTING THESE PLANS (AS PART OF THE EJCDC CONTRACT DOCUMENTS (OR EQUIVALENT) MUST WITHOUT EXCLUSION COMPLY WITH THESE PLANS AND MUST HOLD HARMLESS AND INDEMNIFY THE EOR AND THE OWNER OF ALL LIABILITY ASSOCIATED WITH THESE CONSTRUCTION PLANS. IF THE CONTRACTOR EXCLUDES ANY WORK, IT MUST BE FIRST APPROVED BY THE EOR, ARCHITECT AND OWNER IN WRITING AND THE EXCLUSIONS MUST EXPLICITLY REFERENCE A SHEET, SECTION, AND PARAGRAPH IN THESE SPECIFICATIONS. USE OF THESE PLANS FOR CONSTRUCTION REQUIRES FULL COMPLIANCE UNLESS AUTHORIZED OTHERWISE IN WRITING BY THE ENGINEER OF RECORD. FINAL CERTIFICATION BY ENGINEER OF RECORD IS REQUIRED BY THE ENGINEER OF RECORD PRIOR TO THE DEMOBILIZATION AND RELEASE OF THE CONTRACTOR'S FINAL PAY REQUEST AND OBTAINMENT OF A CERTIFICATION OF OCCUPANCY.
- CROSS REFERENCES** - IF THE CONTRACTOR OBSERVES ANY ERRORS, DISCREPANCIES, OR OMISSIONS IN THE CONTRACT DOCUMENTS, HE MUST PROMPTLY NOTIFY THE EOR AND ARCHITECT. CONTRACTOR MUST CROSS REFERENCE OTHER DESIGN DISCIPLINES SUCH AS ARCHITECTURAL, STRUCTURAL, AND MEP. IF THE CONTRACTOR PROCEEDS WITH WORK AFFECTED BY SUCH ERRORS, DISCREPANCIES OR OMISSIONS WITHOUT RECEIVING CLARIFICATION, HE DOES SO AT HIS OWN RISK. ANY ADJUSTMENTS INVOLVING SUCH CIRCUMSTANCES MADE BY THE CONTRACTOR, PRIOR TO APPROVAL BY THE EOR AND ARCHITECT, ARE AT THE CONTRACTOR'S RISK AND ANY COMPLICATIONS OR DISPUTES ARISING THEREFROM ARE AT THE CONTRACTOR'S SOLE EXPENSE.
- SITE CONTROL** - CONTRACTOR ASSUMES FULL CONTROL AND LIABILITY OF ALL ACTIVITIES IN THE AREA OF CONSTRUCTION DURING THE LIFECYCLE OF CONSTRUCTION AND IS RESPONSIBLE FOR ALL IMPACTS AND ASSOCIATED REPAIRS IN AND AROUND THE AREA OF CONSTRUCTION.
- EXISTING UTILITY LINES** - E.G. POLES IN THE CONSTRUCTION AREA ARE TO BE BID AND PRICED FOR REMOVAL WITH NO EXCLUSIONS ON BID. EXCLUSIONS ARE NOT BINDING TO OWNER UNLESS EXPLICITLY APPROVED TO BY OWNER IN WRITING WITH REFERENCE TO THIS PARAGRAPH. USE OF THESE PLANS FOR CONSTRUCTION REQUIRES FULL COMPLIANCE UNLESS AUTHORIZED OTHERWISE IN WRITING BY THE ENGINEER OF RECORD.
- QUANTITIES** - CONTRACTOR IS RESPONSIBLE TO IDENTIFY AND VERIFY ALL NECESSARY QUANTITIES (REGARDLESS OF ANY QUANTITIES SHOWN HEREON) IN ORDER TO ADEQUATELY SUPPLY THE NECESSARY COMPONENTS ILLUSTRATED ON THESE PLANS AND TO HAVE FULLY FUNCTIONAL SYSTEMS.
- PLEASE REFERENCE THE PROJECT'S GEOTECHNICAL STUDY AND REQUIREMENTS PROVIDED IN THE GEOTECH REPORT.

### NPDES NOTE

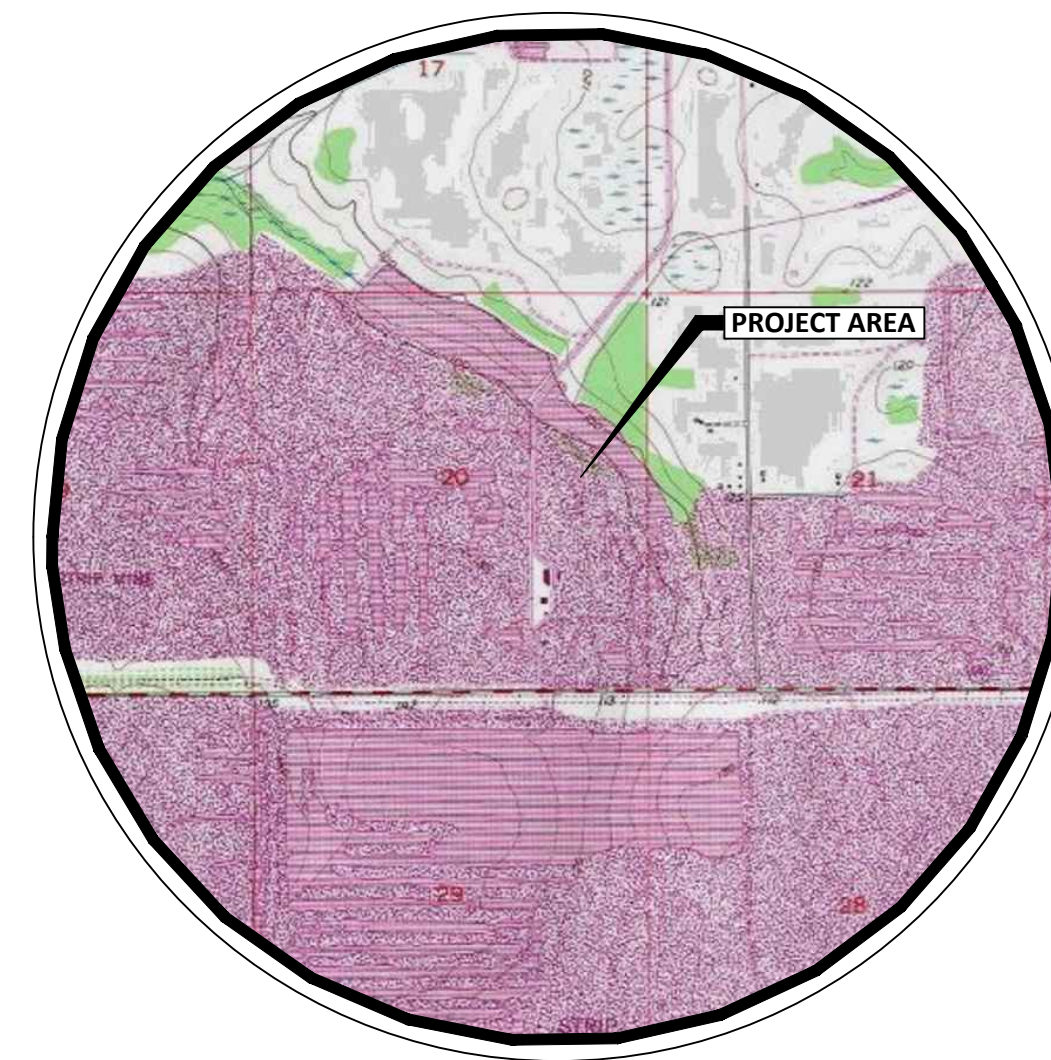
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FILE A NOTICE OF INTENT (NOI) TO OBTAIN THE REQUIRED FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION (FDEP) NATIONAL DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT. THIS NOI MUST BE FILED AT LEAST TWO (2) DAYS BEFORE COMMENCEMENT OF CONSTRUCTION. PLEASE NOTE THAT IN ADDITION TO THE NOI, A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MUST BE COMPLETED. THIS NOI AND SWPPP MUST BE KEPT ONSITE UNTIL CONSTRUCTION IS COMPLETED. ONCE THE SITE HAS BEEN FINALLY STABILIZED, A NOTICE OF TERMINATION (NOT) MUST BE COMPLETED AND FILED TO D.E.P. INFORMATION ABOUT NPDES STORM WATER PROGRAM CAN BE OBTAINED BY CALLING THE FDEP-NPDES STORM WATER PROGRAM AT 850.245.7522 OR VISITING THEIR WEBSITE AT: <http://www.dep.state.fl.us/water/stormwater/npdes/construction3.htm>.



SOILS MAP  
N.T.S.



LOCATION MAP  
CR 640 PINECREST  
MULBERRY, FLORIDA  
LATITUDE: 27° 51' 24.77" N  
LONGITUDE: 82° 01' 49.00" W



USGS MAP  
N.T.S.

| Sheet List Table |                          |
|------------------|--------------------------|
| Sheet Number     | Sheet Title              |
| --               | COVER                    |
| C1.0             | OVERALL SITE PLAN        |
| C2.0             | TRAFFIC CIRCULATION PLAN |
| C3.0             | OPERATIONS PLAN          |
| C4.0             | RECLAMATION PLAN         |
| C5.0             | CROSS SECTIONS           |
| C6.0             | POST CLOSURE PLAN        |

| REVISIONS |      |                      |    |
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### CONTACTS

**TOM MIMS**  
**NICHOLS RANCH, LLC**  
439 S. FLORIDA AVENUE SUITE 202  
LAKELAND, FL 33801  
PHONE: (863) 683-9297

**DAVID C. CARTER, P.E.**  
**KIM MCCRANIE, PM**  
**CARTER AND KAYE ENGINEERING, LLC**  
137 5TH STREET NW  
WINTER HAVEN, FL 33881  
PHONE: (863) 294-6965

**MARTY MCDOWELL**  
**TAMPA ELECTRIC COMPANY**  
P.O. BOX 111  
TAMPA, FL 33601  
PHONE: (863) 224-9629

**SCOTT WALLS**  
**FRONTIER FLORIDA LLC**  
120 E. LIME STREET  
LAKELAND, FL 33801  
PHONE: (813) 978-2173

**GARY HARDY**  
**FLORIDA PUBLIC UTILITIES**  
1705 7TH STREET S.W.  
WINTER HAVEN, FL 33880  
PHONE: (863) 292-2933

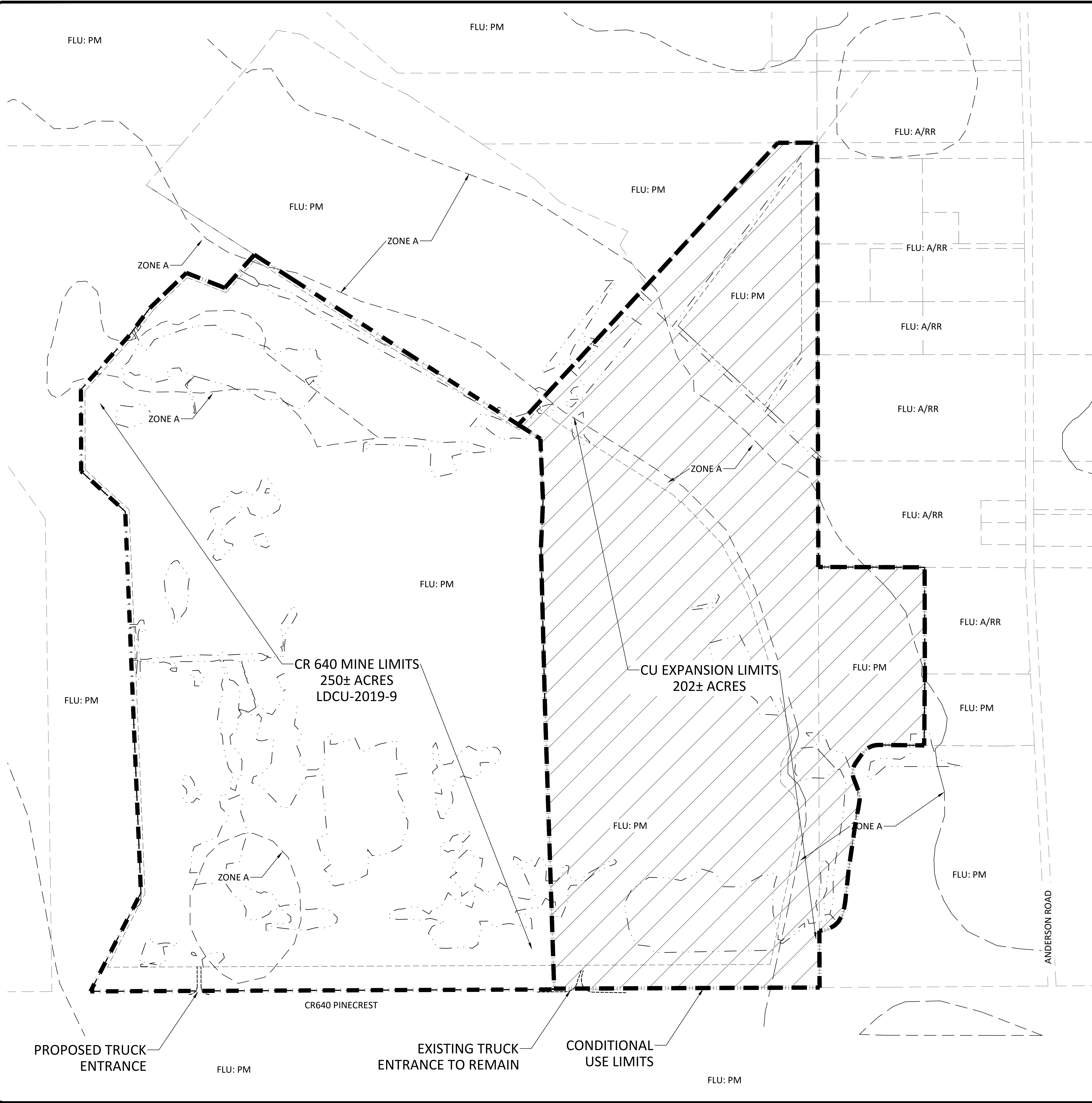
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T: (863) 294-6965 • Web: [www.carterkaye.com](http://www.carterkaye.com)

Dwg: C:\Clients\MIMSC - Tom Mims Corp\11MISC23005 Mims N 640 Industrial Plant\ACAD\_Sheets\Overall Site Plan.dwg; Layout: C:\0 OVERALL SITE PLAN Sep 12, 2024-10:42



**LEGEND**

- EXISTING PROPERTY BOUNDARY
- EXISTING CONDITIONS TEXT
- EXISTING SPOT ELEVATIONS
- EXISTING CONTOURS
- EXISTING POTABLE WATER
- EXISTING STORM SEWER
- EXISTING FENCE LINE
- EXISTING SANITARY LINE
- EXISTING OVERHEAD WIRES
- EXISTING BURIED TELEPHONE LINE
- EXISTING BURIED FORCE MAIN
- PROPOSED RIGHT-OF-WAY
- PROPOSED CONDITIONS TEXT
- W --- PROPOSED POTABLE WATER
- FM --- PROPOSED FORCE MAIN
- S --- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- JURISDICTIONAL WETLAND LINE
- 25' WETLAND BUFFER
- 100-YR FIRM
- Ⓢ --- PROPOSED PARKING SPACE COUNT
- ⚠ --- CAUTION: VERTICAL CLEARANCE IS CRITICAL. DEFLECT PIPE AS NECESSARY PER CONFLICT DETAIL.

**GENERAL INFORMATION**

**APPLICANT:** MIMS HAMMOCKS, LLC  
439 S. FLORIDA AVE, SUITE 202  
LAKELAND, FL 33801

**PARCEL IDS:** 233020-000000-014010, 233020-000000-011010,  
233021-000000-043030  
PROPERTY FLU: PM WITHIN THE RDA

**ACREAGE:** PROPERTY AREA: 455± AC.  
WETLAND AREA: 37± AC.  
MINING RECLAMATION AREA: 350± AC.

**MINING SCHEDULE:**  
START: SPRING 2025  
COMPLETION: MARKET DRIVEN (ESTIMATED 2065)  
RECLAMATION COMPLETE: 2070  
ANNUAL ACREAGE TO BE MINED: ESTIMATED 9± ACRES

**HOURS OF OPERATION:** MONDAY THROUGH SATURDAY  
6:30 AM TO 5:30 PM

\*ALL MINING SHALL BE RECLAIMED IN ACCORDANCE WITH STATE REGULATIONS, CHAPTER 62C OF THE FLORIDA ADMINISTRATIVE CODE

**GENERAL OPERATIONS NOTES**

1. MINING SETBACKS SHOWN HEREON ARE PER LDC CHAPTER 3 MINING - NON-PHOSPHATE 14. B. IV AND V.
2. PROPOSED MINING DEPTH IS APPROXIMATELY 30' DEEP.
3. WHEN EXTREMELY DUSTY CONDITIONS EXIST OR WHEN REQUIRED BY POLK COUNTY AND/OR STATE OF FLORIDA AIR POLLUTION DUST CONTROL RULES, THE ACTIVE MINE AREA AND INTERNAL TRAVELWAYS WILL BE SPRINKLED AS NECESSARY TO REDUCE AIRBORNE PARTICULATES.
4. ALL EXCAVATED AND RECLAMATION MATERIAL TO BE TRANSPORTED BY TRUCK.

**SILT FENCE EROSION NOTE**

INSTALL TEMPORARY SILT FENCE EROSION PROTECTION ON AT MINING LIMITS LINE AS NEEDED TO EXTEND TO THE LIMITS OF EACH PHASE UNTIL SUCH TIME THAT THE PIT EXCAVATION OCCURS. ONCE THE PIT EXCAVATION OCCURS FOR EACH PHASE THEN THE SILT FENCE CAN BE REMOVED SINCE ALL RUNOFF WILL BE DIRECTED TO THE EXCAVATED PIT.

**INDUSTRIAL USE NOTE**

INDUSTRIAL USE IS PROPOSED FOR THE SITE, WITH OR WITHOUT THE COMPLETION OF MINING/RECLAMATION ACTIVITIES.

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KRISSY KAYE, P.E., MS ENV, CFM, EOR  
FL P.E. LIC. NO. 50607

**Sunshine 811**

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**CARTER KAYE ENGINEERING**

137 5th Street N.W. • Winter Haven, FL 33881  
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**PINECREST MINE (CR 640 MINE EXPANSION)**  
NICHOLS RANCH, LLC

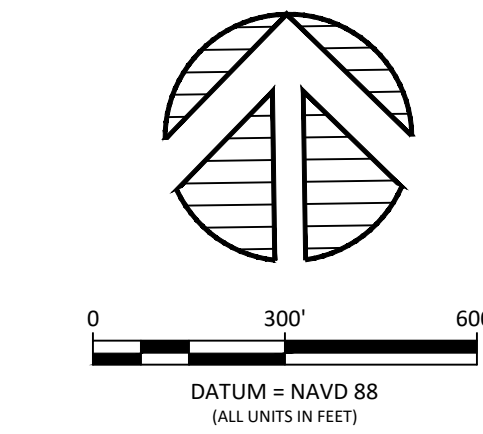
**OVERALL SITE PLAN**

PROJECT NO: MIMSC23005  
DRAWN BY: KKM  
APPROVED BY: DCC

THESE PLANS ARE PRELIMINARY PRIOR TO PERMIT ISSUANCE

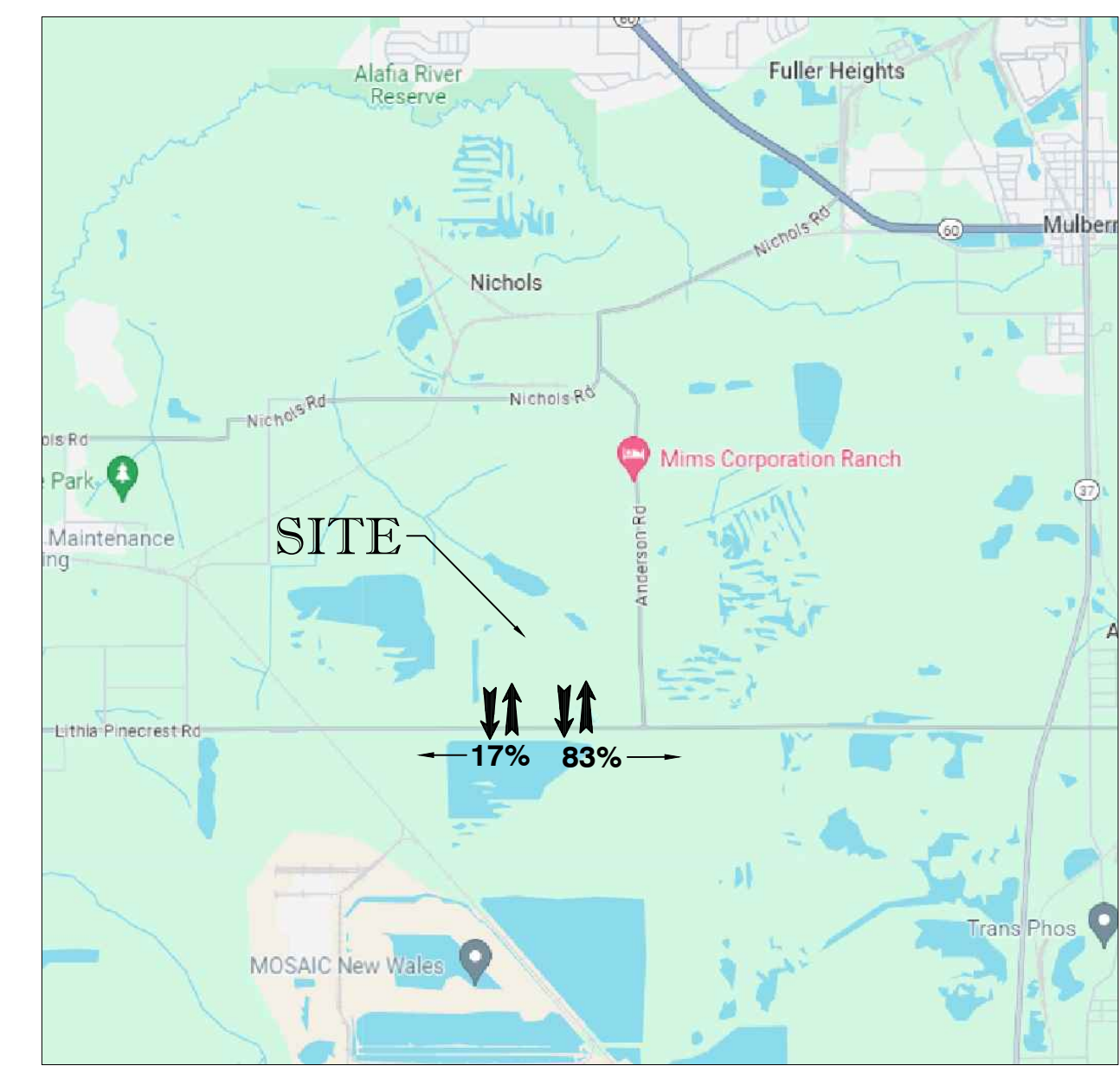
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**C1.0**

Dwg: C:\Clients\MIMSC - Tom Mims Corp\MIMSC23005 Mims N 640 Industrial Park\CADD\_SHEETS\TRAFFIC CIRCULATION.dwg, Layout: C2.0 TRAFFIC CIRCULATION PLAN, Sep 12, 2024, 10:42



**LEGEND**

|     |  |
|-----|--|
| --- | EXISTING PROPERTY BOUNDARY   |
| --- | EXISTING CONDITIONS TEXT   |
| --- | EXISTING SPOT ELEVATIONS   |
| --- | EXISTING CONTOURS  |
| --- | EXISTING POTABLE WATER   |
| --- | EXISTING STORM SEWER   |
| --- | EXISTING FENCE LINE  |
| --- | EXISTING SANITARY LINE   |
| --- | EXISTING OVERHEAD WIRES  |
| --- | EXISTING BURIED TELEPHONE LINE   |
| --- | EXISTING BURIED FORCE MAIN   |
| --- | PROPOSED RIGHT-OF-WAY  |
| --- | PROPOSED CONDITIONS TEXT   |
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| --- | 100-YR FIRM  |
| Ⓢ   | PROPOSED PARKING SPACE COUNT   |
| ⚠   | CAUTION! VERTICAL CLEARANCE IS CRITICAL. DEFLECT PIPE AS NECESSARY PER CONFLICT DETAIL |



**TRAFFIC CIRCULATION MAP**

**TRAFFIC CIRCULATION NOTES**

1. TRAFFIC WILL ENTER AND EXIT ON CR 640 PINECREST ROAD.
2. NO IMPACTS EXPECTED ON LEVEL-OF-SERVICE FOR ANY COUNTY MAINTAINED ROADS.
3. SEE IMPACT ASSESSMENT STATEMENT FOR ESTIMATED DAILY VEHICULAR TRIPS.
4. OWNER TO INSPECT CR 640 FOR MATERIAL SPILLAGE DAILY AND REMOVE IF PRESENT.

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**KRISSEY KAYE**  
 LICENSE  
 No 50607  
 STATE OF  
 FLORIDA  
 PROFESSIONAL ENGINEER

KRISSEY KAYE, P.E., MS ENV, CFM, EOR  
 FL P.E. LIC. NO. 50607



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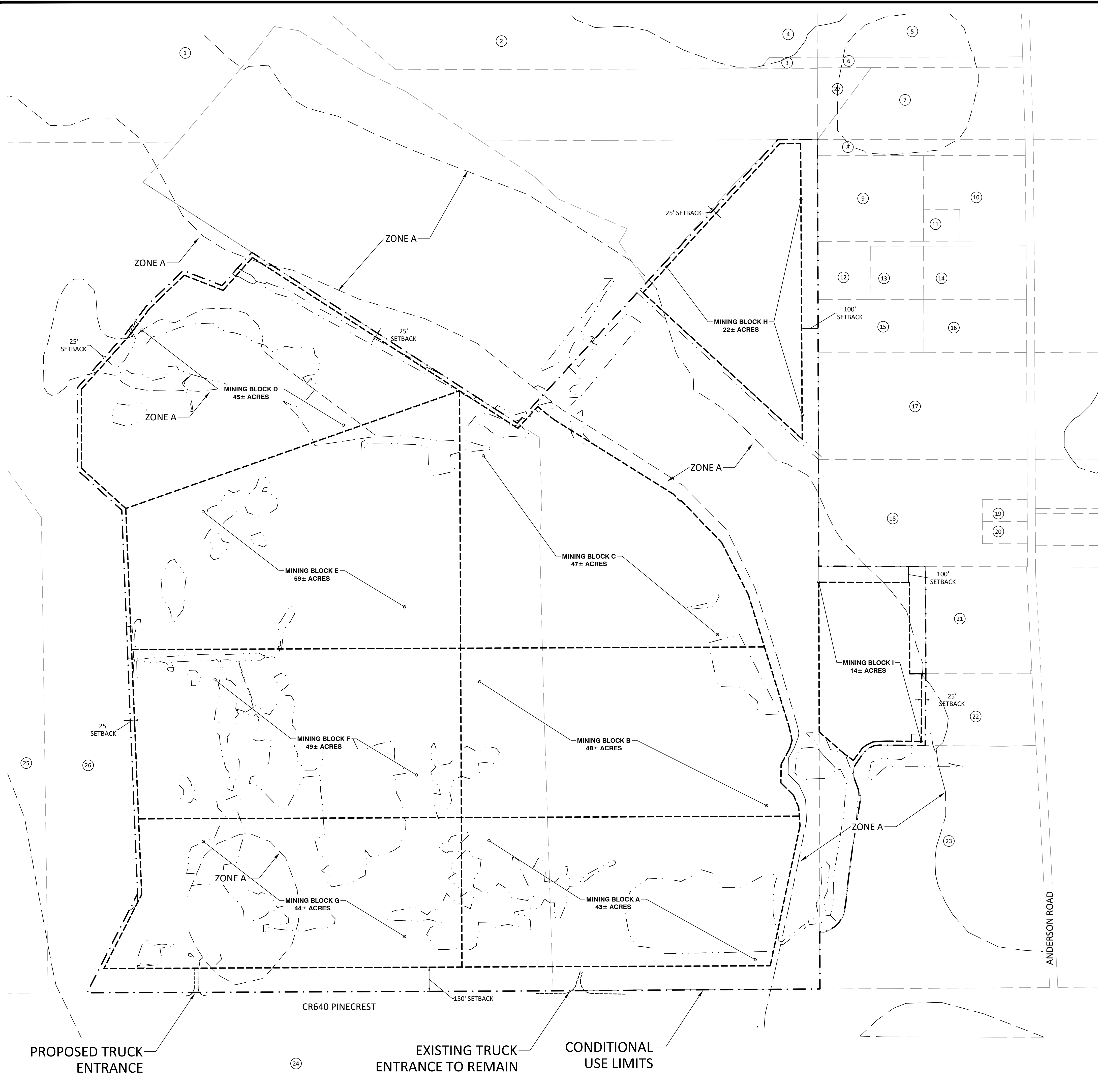
**PINECREST MINE (CR 640 MINE EXPANSION)**  
 NICHOLS RANCH, LLC

**TRAFFIC CIRCULATION PLAN**

|  |            |
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| PROJECT NO:  | MIMSC23005 |
| DRAWN BY:  | KKM        |
| APPROVED BY:   | DCC        |
| THESE PLANS ARE PRELIMINARY PRIOR TO PERMIT ISSUANCE |            |

SHEET NO:  
**C2.0**

Dwg. K:\Clients\MIMSC - Tom Mims Corp\MIMSC23005 Mims N 640 Industrial Park\ACAD\_SHEETS\OPERATIONS.dwg Layout: C3.0 OPERATIONS PLAN Sep 12, 2024-10:42



**LEGEND**

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FL P.E. LIC. NO. 50607

**Sunshine 811**

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1. MINING SETBACKS SHOWN HEREON ARE PER LDC CHAPTER 3 MINING - NON-PHOSPHATE 14. PROPOSED SETBACK REDUCTIONS SHOWN HEREON PER PER LDC CHAPTER 3 MINING - NON-PHOSPHATE 14, IV & V.
2. PROPOSED MINING DEPTH IS APPROXIMATELY 30' DEEP.
3. EXISTING BUILDINGS ONSITE TO REMAIN.
4. WHEN EXTREMELY DUSTY CONDITIONS EXIST OR WHEN REQUIRED BY POLK COUNTY AND/OR STATE OF FLORIDA AIR POLLUTION DUST CONTROL RULES, THE ACTIVE MINE AREA AND INTERNAL TRAVELWAYS WILL BE SPRINKLED AS NECESSARY TO REDUCE AIRBORNE PARTICULATES.
5. ALL EXCAVATED AND RECLAMATION MATERIAL TO BE TRANSPORTED BY TRUCK.

**SILT FENCE EROSION NOTE**

INSTALL TEMPORARY SILT FENCE EROSION PROTECTION ON AT MINING LIMITS LINE AS NEEDED TO EXTEND TO THE LIMITS OF EACH PHASE UNTIL SUCH TIME THAT THE PIT EXCAVATION OCCURS. ONCE THE PIT EXCAVATION OCCURS FOR EACH PHASE THEN THE SILT FENCE CAN BE REMOVED SINCE ALL RUNOFF WILL BE DIRECTED TO THE EXCAVATED PIT.

**INDUSTRIAL USE NOTE**

INDUSTRIAL USE IS PROPOSED FOR THE SITE, WITH OR WITHOUT THE COMPLETION OF MINING/RECLAMATION ACTIVITIES.

**ADJACENT PROPERTY OWNERS**

|    |                     |                                   |
|----|---------------------|-----------------------------------|
| 1  | 233017000000022020  | MOSAIC FERTILIZER LLC             |
| 2  | 233017000000012010  | MOSAIC FERTILIZER LLC             |
| 3  | 233017000000022050  | MOSAIC FERTILIZER LLC             |
| 4  | 233017000000011010  | MOSAIC FERTILIZER LLC             |
| 5  | 233016000000033020  | MOSAIC FERTILIZER LLC             |
| 6  | 2330160000000044010 | MOSAIC FERTILIZER LLC             |
| 7  | 2330160000000044020 | MIMS PROPERTIES LLC               |
| 8  | 233021000000033100  | AGRIFOS MINING L L C              |
| 9  | 233021000000033080  | ZELNER TODD A                     |
| 10 | 233021000000033070  | CHAUDHRY SHAFIQ M REVOCABLE TRUST |
| 11 | 233021000000033050  | TICE WILLIAM A                    |
| 12 | 233021000000033030  | TREJO MICHAEL                     |
| 13 | 233021000000033010  | YGNACIO MARTIN                    |
| 14 | 233021000000033060  | SEGREE MICHAEL B                  |
| 15 | 233021000000033040  | FORD KIMBERLY                     |
| 16 | 233021000000033020  | ZELNER VICKI                      |
| 17 | 233021000000034010  | STRICKLAND DIEN KIM DUONG         |
| 18 | 233021000000034020  | STRICKLAND DIEN KIM DUONG         |
| 19 | 233021000000034040  | HOOKER SHARON H                   |
| 20 | 233021000000034030  | BURNHAM JAMES                     |
| 21 | 233021000000043010  | SUAREZ JUAN MIGUEL                |
| 22 | 233021000000043030  | AGRIFOS MINING L L C              |
| 23 | 233021000000042010  | MIMS PROPERTIES LLC               |
| 24 | 233029000000011010  | MOSAIC FERTILIZER LLC             |
| 25 | 233020000000034010  | MOSAIC FERTILIZER LLC             |
| 26 | 2330200000000331010 | MOSAIC FERTILIZER LLC             |
| 27 | 233021000000033120  | EDDINGS BRIAN                     |

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**PINECREST MINE (CR 640 MINE EXPANSION)**  
NICHOLS FRANCH, LLC

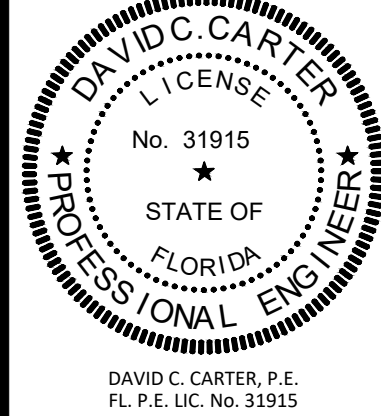
**OPERATIONS PLAN**

PROJECT NO: MIMSC23005  
DRAWN BY: KKM  
APPROVED BY: DCC

THESE PLANS ARE PRELIMINARY PRIOR TO PERMIT ISSUANCE

SHEET NO:  
**C3.0**

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DAVID C. CARTER, P.E.  
FL P.E. LIC. NO. 31915



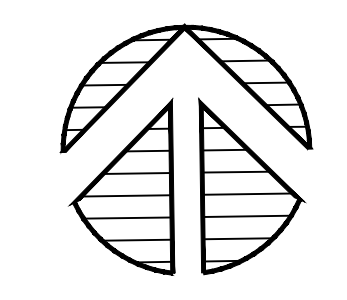
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**PINECREST MINE (CR 640 MINE EXPANSION)**  
NICHOLS RANCH, LLC  
**RECLAMATION PLAN**

PROJECT NO: MIMSC23005  
DRAWN BY: KKM  
APPROVED BY: DCC  
THESE PLANS ARE PRELIMINARY  
PRIOR TO PERMIT ISSUANCE

SHEET NO:  
**C4.0**



0 300' 600'  
DATUM = NAVD 88  
(ALL UNITS IN FEET)

**LEGEND**

|     |  |
|-----|--|
| --- | EXISTING PROPERTY BOUNDARY   |
| --- | EXISTING CONDITIONS TEXT   |
| --- | EXISTING SPOT ELEVATIONS   |
| --- | EXISTING CONTOURS  |
| --- | EXISTING POTABLE WATER   |
| --- | EXISTING STORM SEWER   |
| --- | EXISTING FENCE LINE  |
| --- | EXISTING SANITARY LINE   |
| --- | EXISTING OVERHEAD WIRES  |
| --- | EXISTING BURIED TELEPHONE LINE   |
| --- | EXISTING BURIED FORCE MAIN   |
| --- | PROPOSED RIGHT-OF-WAY  |
| --- | PROPOSED CONDITIONS TEXT   |
| --- | PROPOSED POTABLE WATER   |
| --- | PROPOSED FORCE MAIN  |
| --- | PROPOSED SANITARY SEWER  |
| --- | PROPOSED STORM SEWER   |
| --- | JURISDICTIONAL WETLAND LINE  |
| --- | 25' WETLAND BUFFER   |
| --- | 100-YR FIRM  |
| Ⓢ   | PROPOSED PARKING SPACE COUNT   |
| ⚠   | CAUTION! VERTICAL CLEARANCE IS CRITICAL. DEFLECT PIPE AS NECESSARY PER CONFLICT DETAIL |

**RECLAMATION NOTES**

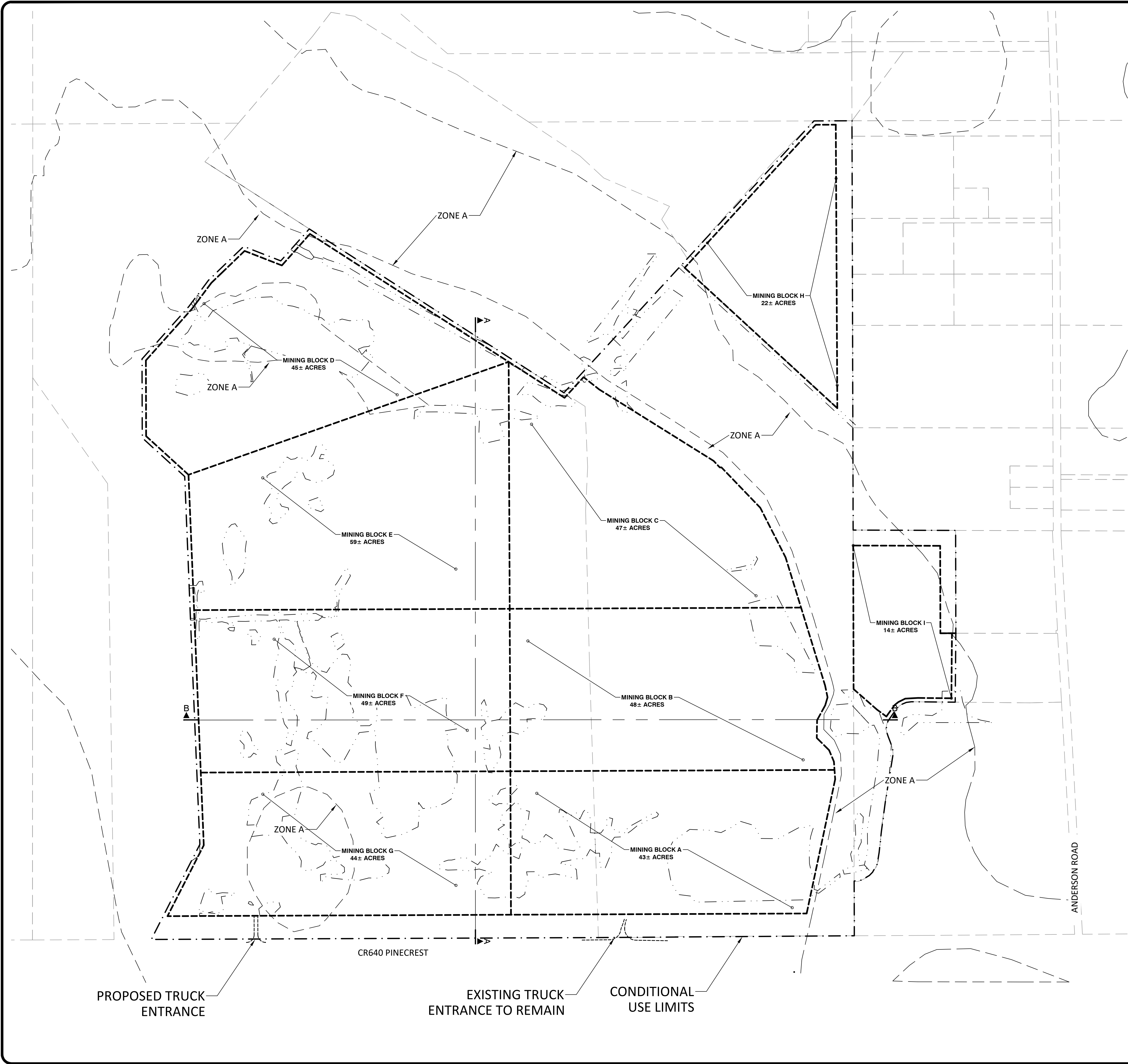
- WHERE PRACTICAL, RECLAMATION WILL BE ONGOING DURING THE LIFE OF THE PROJECT AND FOLLOW ALONG WITH MINING OPERATIONS.
- PROPOSED RECLAMATION WILL BE CONSISTENT WITH THE POLK COUNTY FLU DESIGNATION FOR THIS SITE.
- UPLAND SOILS CLASSIFICATION SUPPORTS COMMON TREES AND GRASSES WITHOUT SOIL AUGMENTATION.

**PROPOSED PLANTING INFO:**

- AREAS OF GRASSING/SEEDING FOR PASTURE SUGGESTED TO HAVE A SEED MIX AT:
- PENSACOLA BAHIA 50%
  - BROWN MILLET 50% (IF SUMMER) OR WINTER RYE 50% (IF WINTER)

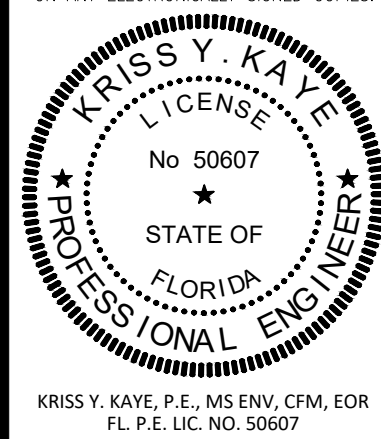
**GENERAL NOTES**

- ALL SIDE SLOPES TO BE GRADED AT 4:1 SLOPE. EXPOSED SIDE SLOPES OF SURFACE WATER ARE TO BE SEED AND MULCHED TO NORMAL POOL ELEVATION.
- ALL TEMPORARY EROSION PROTECTION TO BE REMOVED AND PROPERLY DISPOSED OF.
- NO MANMADE STRUCTURES/FACILITIES OR EQUIPMENT WILL BE LEFT ONSITE.
- THE PROPOSED RECLAMATION SHALL BE LIMITED TO USES SPECIFIED IN WITH THE CU CONDITIONS OR ANY ACTIVITIES PERMITTED UNDER FLU DESIGNATION AS STATED IN THE LDC.

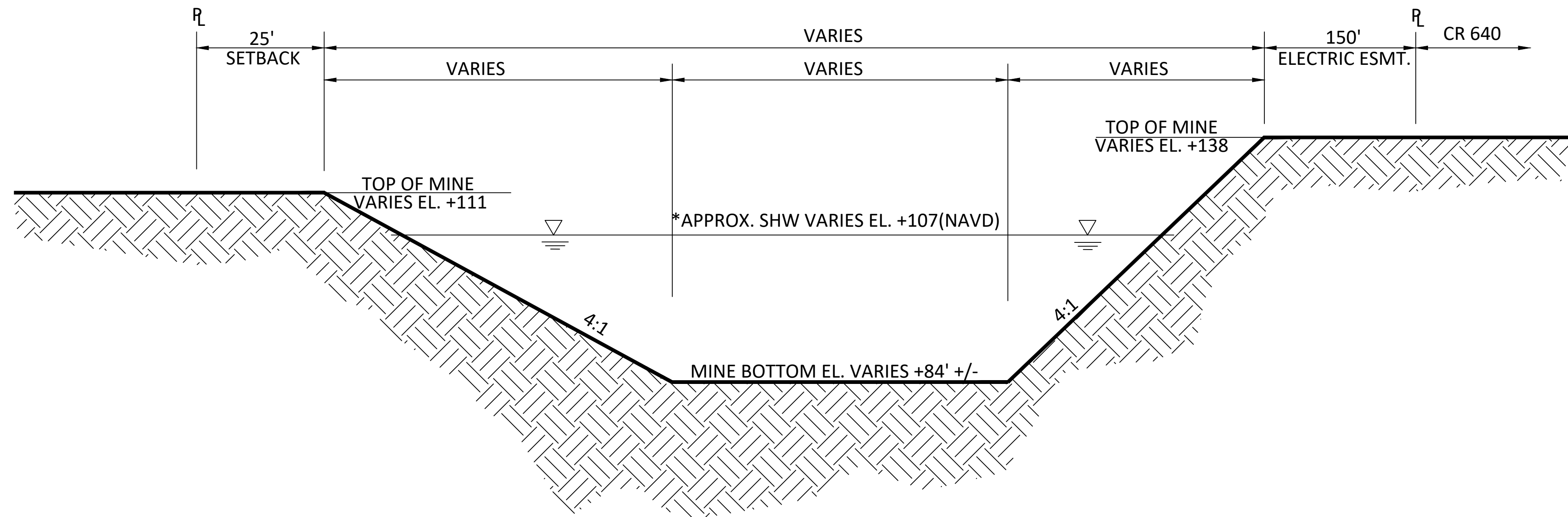
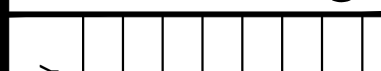


Dwg: C:\Clients\MIMSC - Tom Mims Corp\MIMSC23005 Mims N 640 Industrial Park\CADD\_SHEETS\RECLAMATION\mg\_Layer\_C4.0 RECLAMATION PLAN Sep 12, 2024-10-02

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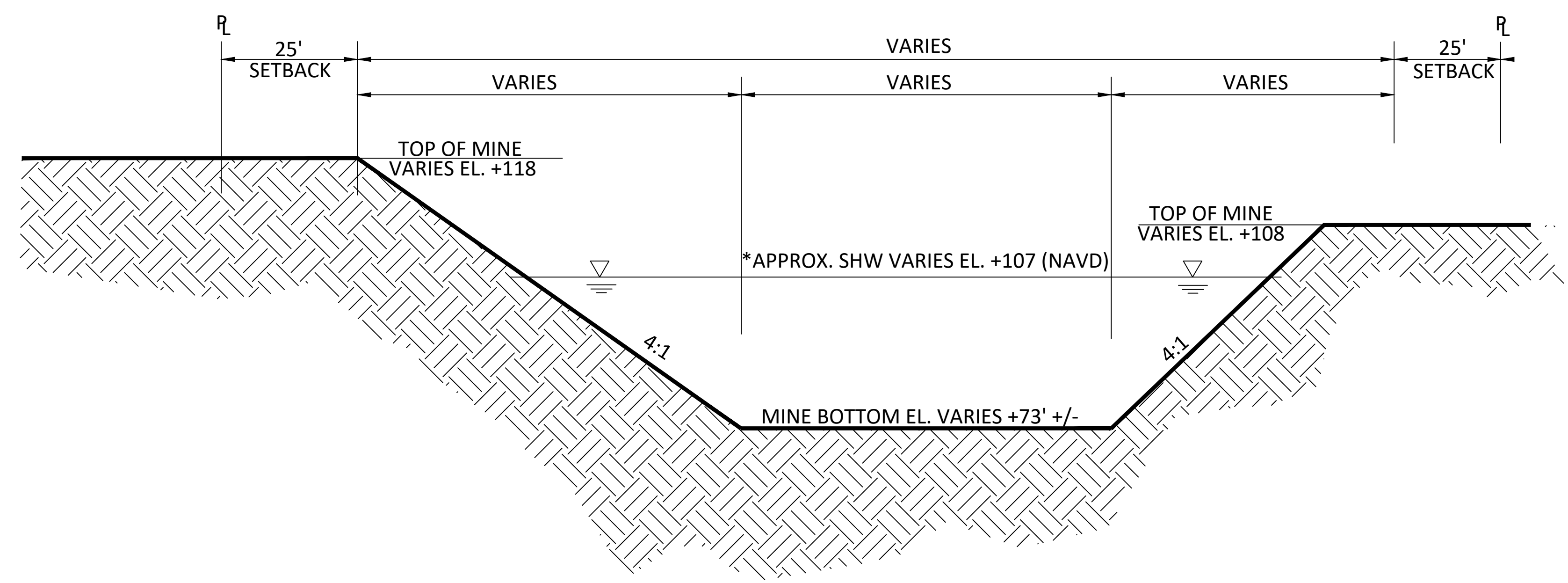
KRISSE Y. KAYE, P.E., MS ENV, CFM, EOR  
FL P.E. LIC. NO. 50607



**TYPICAL MINING CROSS SECTION A-A**  
N.T.S.

\* NOTE THAT THE SEASONAL HIGH IS APPROXIMATE AND VARIES.

THE SEASONAL HIGH WILL BE DETERMINED UPON GEOTECHNICAL REVIEW AND ENGINEERING DESIGN OF THE MINING BLOCKS.



**TYPICAL MINING CROSS SECTION B-B**  
N.T.S.

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**PINECREST MINE (CR 640 MINE EXPANSION)**  
NICHOLS RANCH, LLC

**CROSS SECTIONS**

PROJECT NO: MIMCS23005  
DRAWN BY: KKM  
APPROVED BY: DCC

THESE PLANS ARE PRELIMINARY  
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SHEET NO:  
**C5.0**

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