

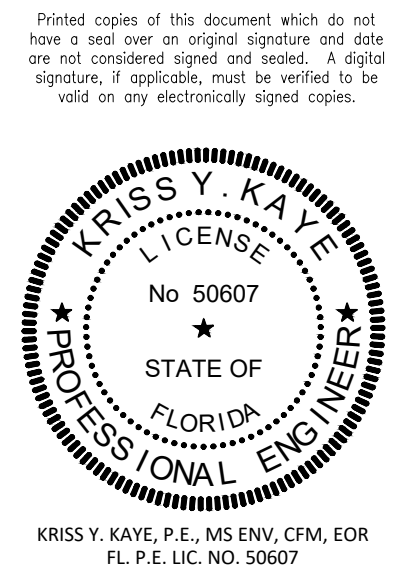
NORTH PRONG MINE

A NON-PHOSPHATE MINE

CONDITIONAL USE PLANS

LOCATION:
NICHOLS ROAD
MULBERRY, FLORIDA

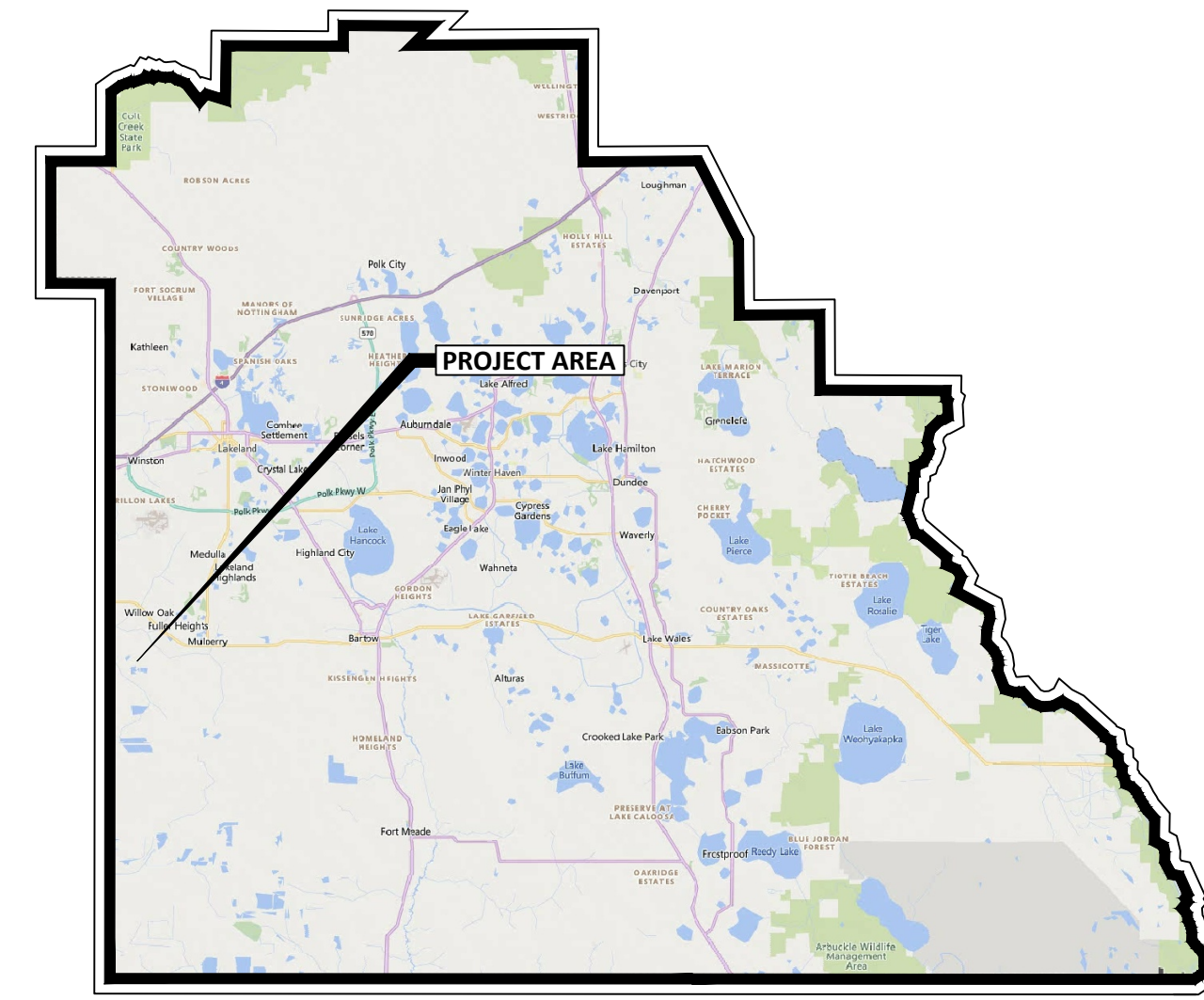
PREPARED FOR:
T. MIMS CORP.
439 S. FLORIDA AVE. SUITE 202
LAKELAND, FL 33801
(863) 683-9297



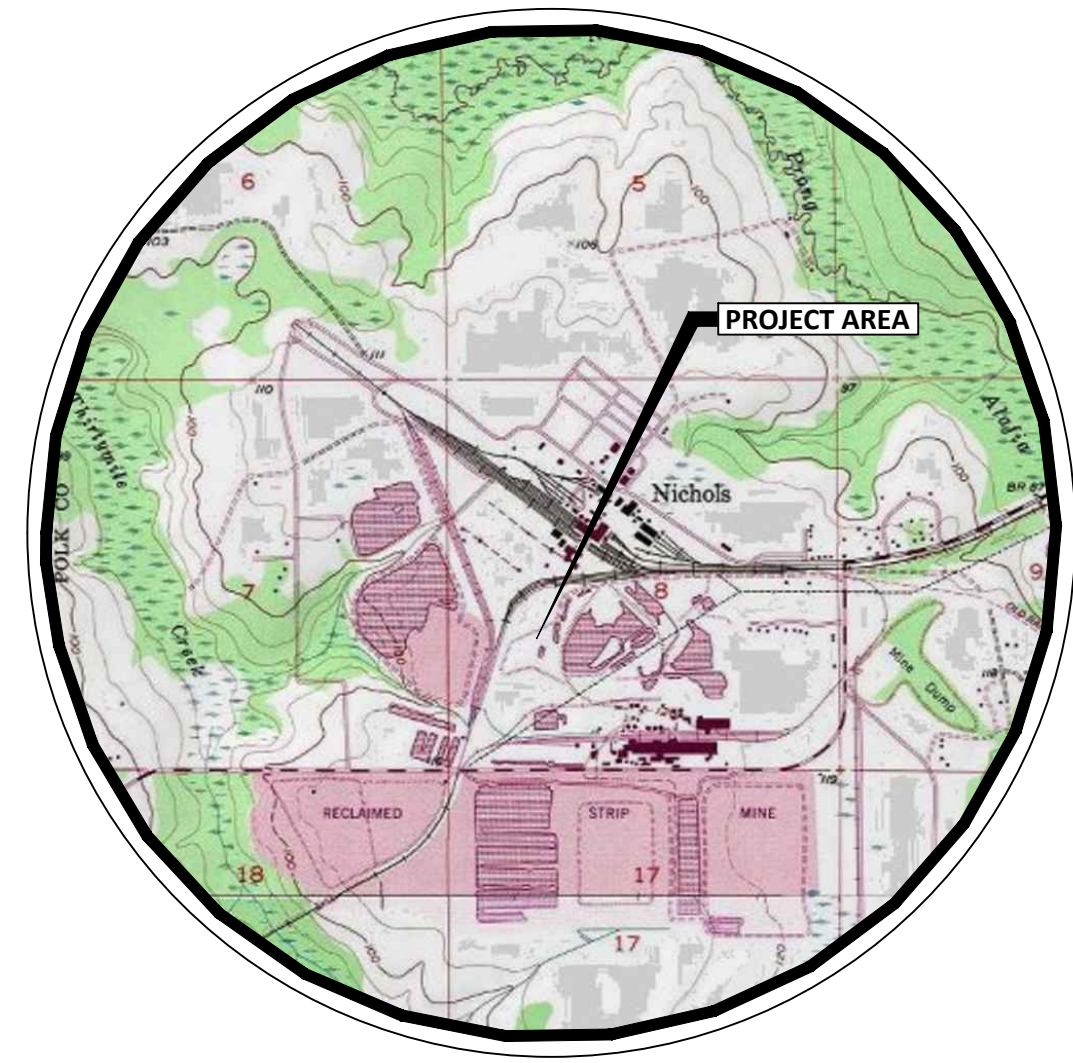
- GENERAL NOTES**
- PRE-CONSTRUCTION MEETINGS** - COORDINATION A PRE-CONSTRUCTION MEETING WITH THE EOR, LOCAL GOVERNING AGENCIES SERVICE PROVIDER/UTILITY OWNERS IS REQUIRED PRIOR TO COMMENCING ACTIVITIES. THE PRE-CONSTRUCTION MEETING CANNOT BE SCHEDULED UNTIL ALL THE REQUIRED PERMITS, LOCAL, STATE, AND 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 DRIVEWAYS, STRUCTURES, TRENCHING, BERMS AND OTHER GEOTECHNICAL RELATED ELEMENTS) AND PROVIDE INSTALLATION RECOMMENDATIONS, IF 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. UNLESS 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 BE 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 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 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.



SOILS MAP
N.T.S.



LOCATION MAP
NICHOLS ROAD
MULBERRY, FLORIDA
LATITUDE: 27° 53' 15.04" N
LONGITUDE: 82° 02' 08.43" W



USGS MAP
N.T.S.

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

REVISIONS			
NO.	DATE	REVISION DESCRIPTION	BY
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Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked. Check positive response codes before you dig!

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Dwg: K:\Clients\MIMSC - Tom Mims Corp\MIMSC23005 - North Prong Mine\Drawings\MCDowell\ACAD_SHEETS\COVER.dwg, Layout: PC COVER

LEGEND

- - -	EXISTING PROPERTY BOUNDARY
- - -	EXISTING CONDITIONS TEXT
- - -	EXISTING SPOT ELEVATIONS
- - -	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 LINE
- - -	PROPOSED STORM SEWER
- - -	JURISDICTIONAL WETLAND LINE
- - -	25' WETLAND BUFFER
- - -	100-YR FIRM
Ⓢ	PROPOSED PARKING SPACE COUNT

DATUM = NAVD 88
(ALL UNITS IN FEET)

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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



NO.	DATE	REVISIONS	BY

CARTER KAYE ENGINEERING

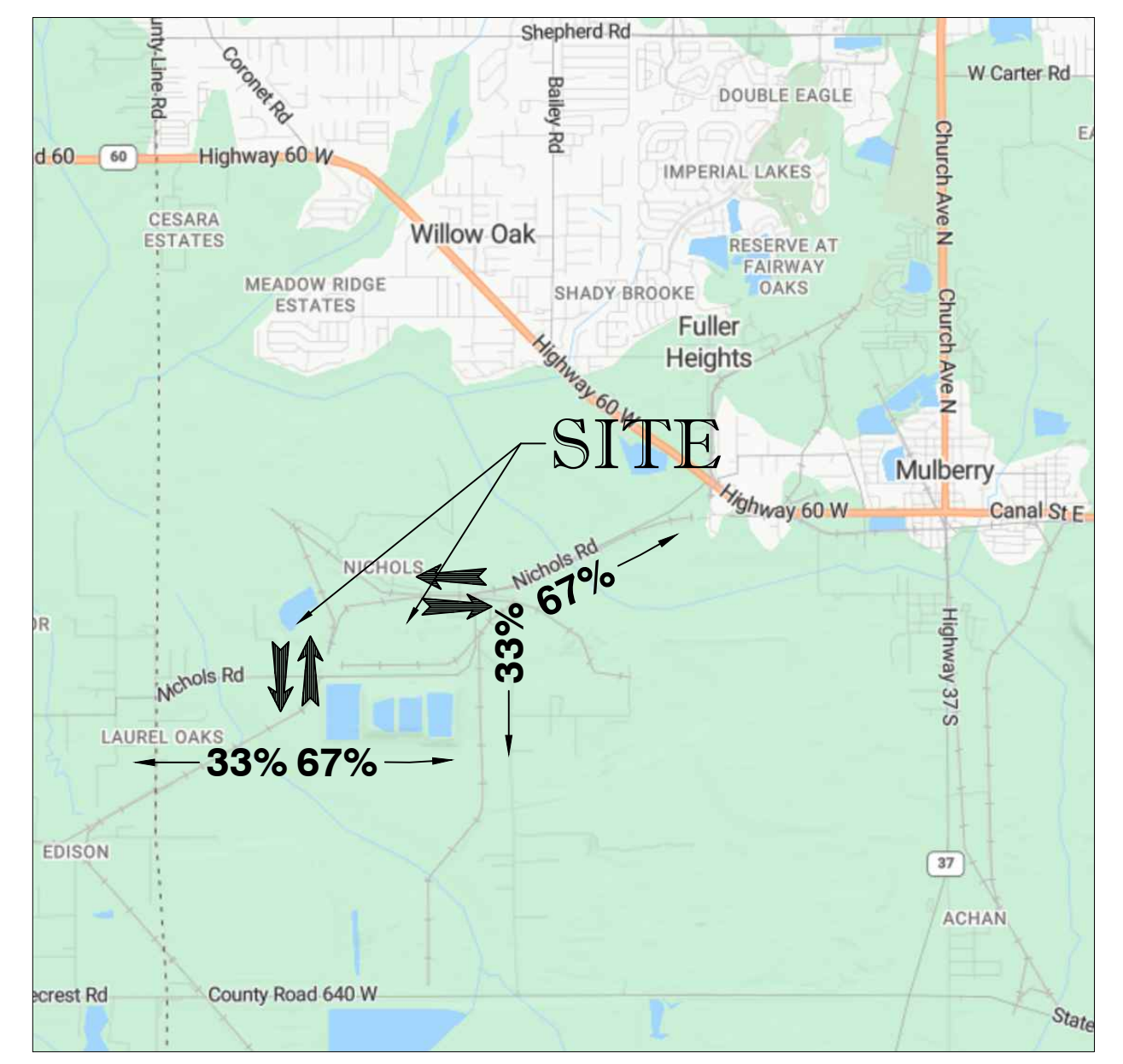
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NORTH PRONG MINE
T. MIMS CORP.

TRAFFIC CIRCULATION PLAN

PROJECT NO: MIMS24004
DRAWN BY: KKM
APPROVED BY: DCC
THESE PLANS ARE PRELIMINARY PRIOR TO PERMIT ISSUANCE

SHEET NO:
C1.0

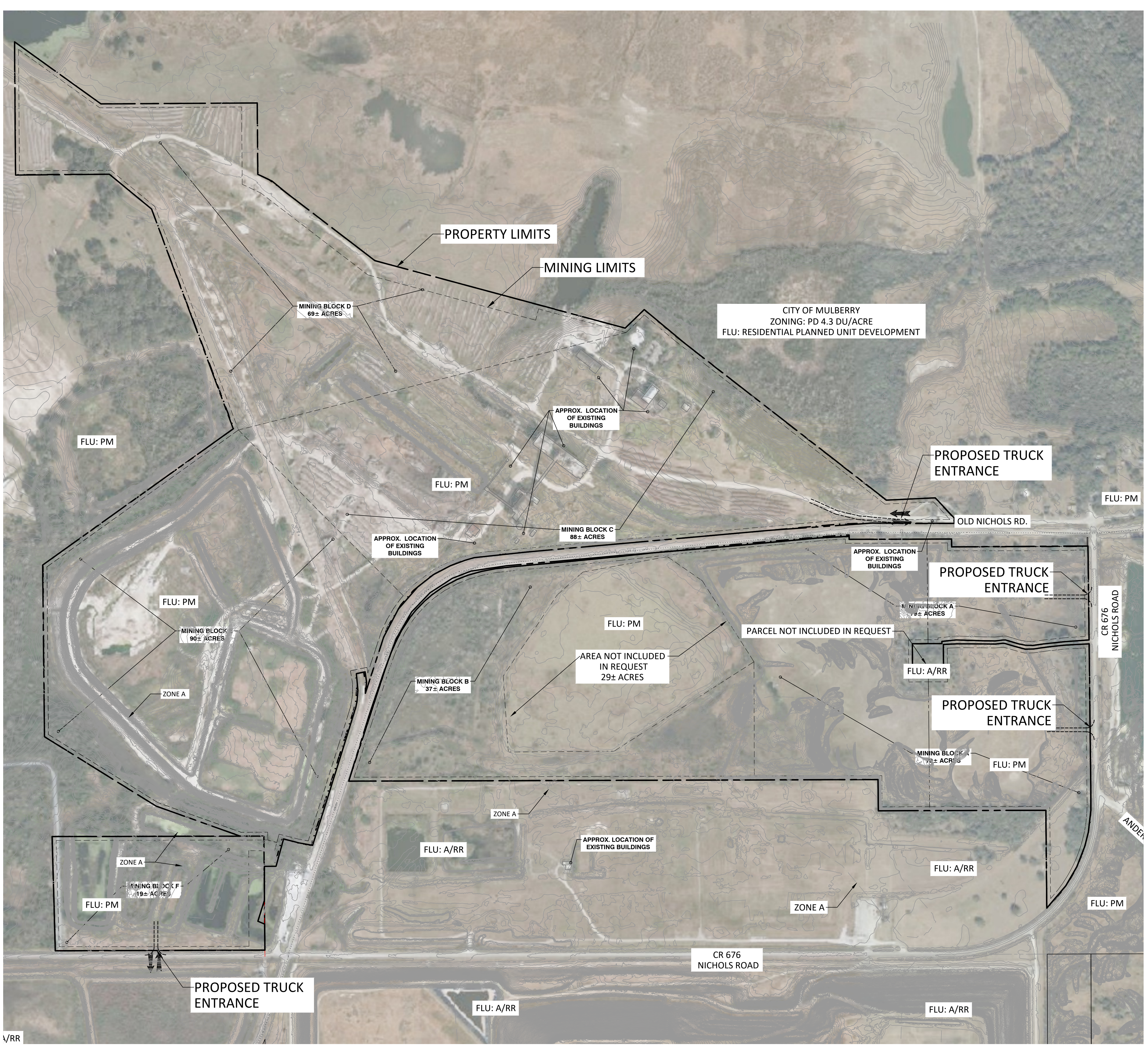


TRAFFIC CIRCULATION MAP

- TRAFFIC CIRCULATION NOTES**
1. TRAFFIC WILL ENTER AND EXIT ON NICHOLS 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 NICHOLS ROAD FOR MATERIAL SPILLAGE DAILY & REMOVE IF PRESENT.

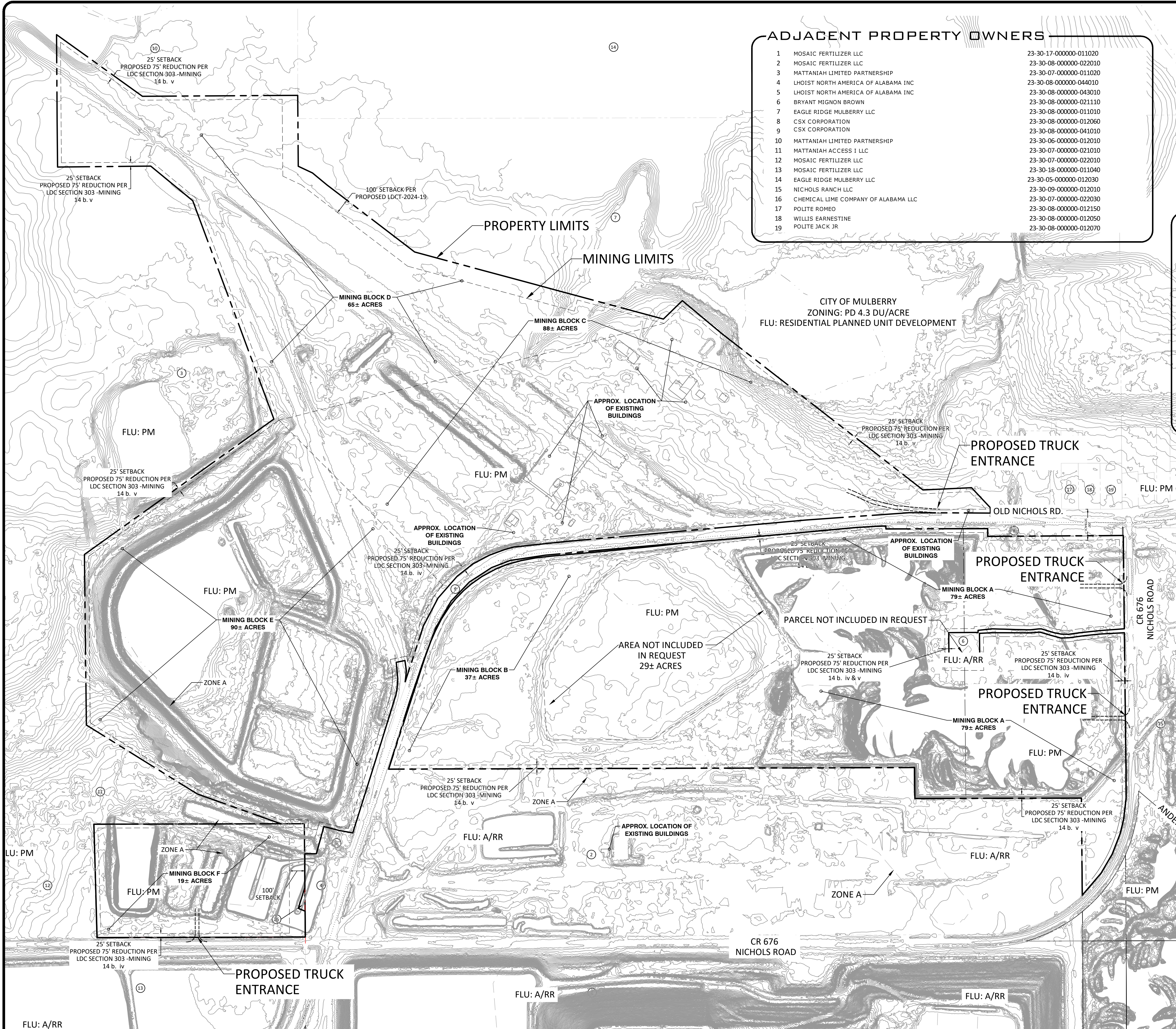
INDUSTRIAL USE NOTE

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Drawn by: C. Clendenen/MIMS-C. Tom Mims Corp./MIMS24004-N. Prong Industrial Agriculture/McDonnellCAD. SHEETS/TRAFFIC CIRCULATION PLAN.dwg. Layout: 24x36. Sht. 16. 2024-09-11

Dwg. C:\Clients\MIMSC - Tom Mims Corp\MIMSC24004 - North Prong Mine Operations Plan - Sheets\OPERATIONS PLAN.dwg; Layout: C:\0 OPERATIONS PLAN Sep 16, 2024 9:41



ADJACENT PROPERTY OWNERS

1	MOSAIC FERTILIZER LLC	23-30-17-000000-011020
2	MOSAIC FERTILIZER LLC	23-30-08-000000-022010
3	MATTANIAH LIMITED PARTNERSHIP	23-30-07-000000-011020
4	LHOIST NORTH AMERICA OF ALABAMA INC	23-30-08-000000-044010
5	LHOIST NORTH AMERICA OF ALABAMA INC	23-30-08-000000-043010
6	BRYANT MIGNON BROWN	23-30-08-000000-021110
7	EAGLE RIDGE MULBERRY LLC	23-30-08-000000-011010
8	CSX CORPORATION	23-30-08-000000-012060
9	CSX CORPORATION	23-30-08-000000-041010
10	MATTANIAH LIMITED PARTNERSHIP	23-30-06-000000-012010
11	MATTANIAH ACCESS 1 LLC	23-30-07-000000-021010
12	MOSAIC FERTILIZER LLC	23-30-07-000000-022010
13	MOSAIC FERTILIZER LLC	23-30-18-000000-011040
14	EAGLE RIDGE MULBERRY LLC	23-30-05-000000-012030
15	NICHOLS RANCH LLC	23-30-09-000000-012010
16	CHEMICAL LIME COMPANY OF ALABAMA LLC	23-30-07-000000-022030
17	POLITE ROMEO	23-30-08-000000-012150
18	WILLIS EARNESTINE	23-30-08-000000-012050
19	POLITE JACK JR	23-30-08-000000-012070

LEGEND

- EXISTING PROPERTY BOUNDARY
- EXISTING CONDITIONS TEXT
- EXISTING SPOT ELEVATIONS
- 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
- TEXT
- W
- FM
- S
- JURISDICTIONAL WETLAND LINE
- 25' WETLAND BUFFER
- 100-YR FIRM
- ADJACENT PROPERTY OWNER

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

GENERAL INFORMATION

APPLICANT: T. MIMS CORP.
439 S. FLORIDA AVE. SUITE 202
LAKELAND, FL 33801

PARCEL IDS: 233008-000000-012020, 233008-000000-012090, 233007-000000-011010, 233006-000000-022020, 233007-000000-022020, 233008-000000-021020, & 233008-000000-021120

ACREAGE: PROPERTY EXISTING FLU: PM & A/RR WITHIN THE RDA
PROPERTY PROPOSED FLU: IND & A/RR
PROPERTY AREA: 438± AC.
WETLAND AREA: 37± AC.
MINING RECLAMATION AREA: 381± AC.

MINING SCHEDULE:
START: WINTER 2024
COMPLETION: MARKET DRIVEN (ESTIMATED 2064)
RECLAMATION COMPLETE: 2069
ANNUAL ACREAGE TO BE MINED: ESTIMATED 10± 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

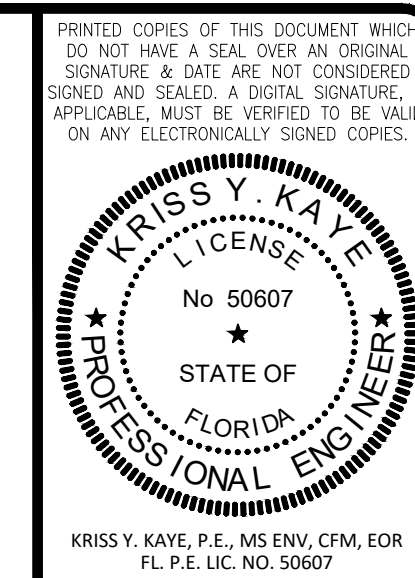
INDUSTRIAL USE NOTE

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- GENERAL OPERATIONS NOTES**
- MINING SETBACKS SHOWN HEREON ARE PER LDC CHAPTER 3 MINING - NON-PHOSPHATE 14. PROPOSED SETBACK REDUCTIONS SHOWN HEREON PER LDC CHAPTER 3 MINING - NON-PHOSPHATE 14, IV & V.
 - PROPOSED MINING DEPTH IS APPROXIMATELY 40' DEEP.
 - EXISTING BUILDINGS ONSITE TO REMAIN.
 - 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.
 - 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.



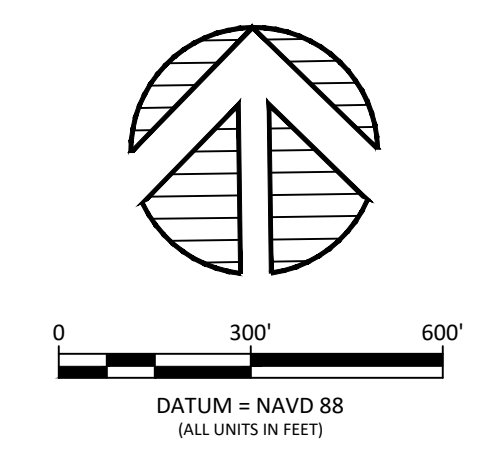
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OPERATIONS PLAN

NORTH PRONG MINE
T. MIMS CORP.

PROJECT NO: MIMSC24004
DRAWN BY: KKM
APPROVED BY: DCC
THESE PLANS ARE PRELIMINARY PRIOR TO PERMIT ISSUANCE
SHEET NO: **C2.0**



LEGEND

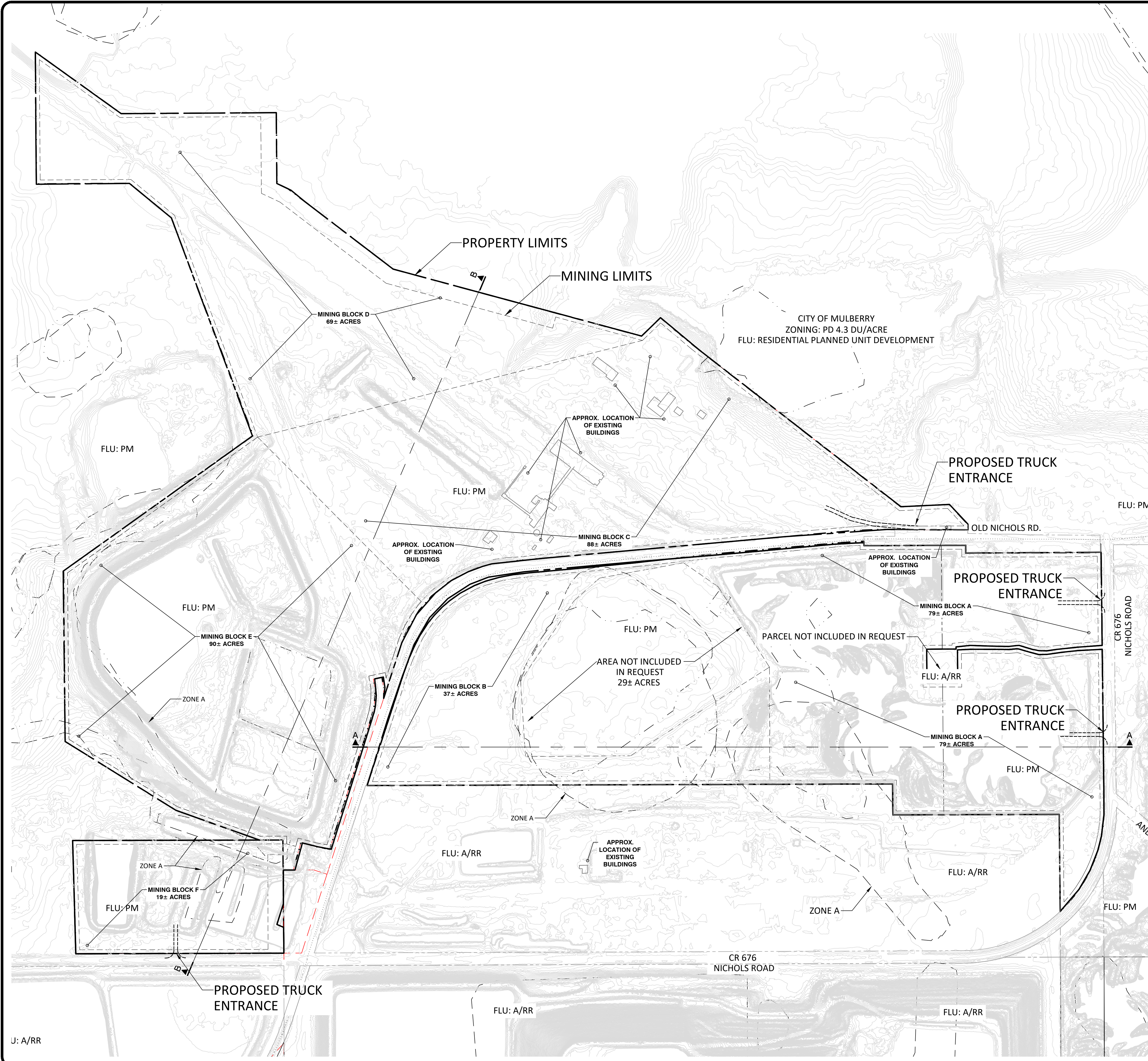
---	EXISTING PROPERTY BOUNDARY
---	EXISTING CONDITIONS TEXT
---	EXISTING SPOT ELEVATIONS
---	EXISTING CONTOURS
w	EXISTING POTABLE WATER
d	EXISTING STORM SEWER
o	EXISTING FENCE LINE
s	EXISTING SANITARY LINE
oh	EXISTING OVERHEAD WIRES
wh	EXISTING BURIED TELEPHONE LINE
fm	EXISTING BURIED FORCE MAIN
---	PROPOSED RIGHT-OF-WAY
TEXT	PROPOSED CONDITIONS TEXT
w	PROPOSED POTABLE WATER
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s	PROPOSED SANITARY SEWER
d	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.
RECLAMATION START: ESTIMATED 2064
RECLAMATION END: ESTIMATED 2069
 - MINING BLOCK PERIMETERS TO BE MANMADE OR NATURALLY STABILIZED. IF MINING OCCURS PER THE PLAN, POST CLOSURE WILL CONSIST OF A SURFACE WATER WITH PASTURE. NO PLANTINGS ARE PROPOSED.
 - PROPOSED RECLAMATION WILL BE CONSISTENT WITH THE POLK COUNTY FLU OF INDUSTRIAL DESIGNATION FOR THIS SITE.
 - UPLAND SOILS CLASSIFICATION SUPPORTS COMMON TREES AND GRASSES WITHOUT SOIL AUGMENTATION.
 - SITE WILL BE STABILIZED EITHER MANMADE OR NATURALLY TO CONTROL EROSION DURING AND AFTER RECLAMATION.

- GENERAL NOTES**
- ALL SIDE SLOPES TO BE GRADED AT 4:1 SLOPE. EXPOSED SIDE SLOPES OF SURFACE WATER ARE TO BE SEEDED AND MULCHED TO NORMAL POOL ELEVATION.
 - ALL TEMPORARY EROSION PROTECTION TO BE REMOVED AND PROPERLY DISPOSED OF.
 - MANMADE STRUCTURES/FACILITIES TO REMAIN ONSITE.
 - NO PROPOSED SECONDARY CONTAINMENT OF MATERIALS I.E. CHEMICALS OF ONSITE WASTE DISPOSAL INCLUDING JUNK, DEBRIS, CABLES, OR OTHER STRUCTURAL OR CHEMICAL ITEMS WILL BE DISPOSED OF ONSITE.

INDUSTRIAL USE NOTE

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



Dwg. C:\Clients\MIMSC - Tom Mims Corp\MIMSC24004 N. Prong Industrial Agricola McDonahe\CAD_SHEETS\RECLAMATION.dwg; Layout: C3.0 RECLAMATION; Sep. 16. 2024 9:41



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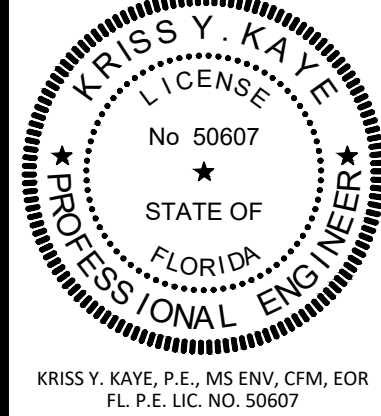
NORTH PRONG MINE
T. MIMS CORP.

RECLAMATION PLAN

PROJECT NO: MIMSC24004
DRAWN BY: KKM
APPROVED BY: DCC
THESE PLANS ARE PRELIMINARY PRIOR TO PERMIT ISSUANCE

SHEET NO:
C3.0

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CARTER KAYE
ENGINEERING

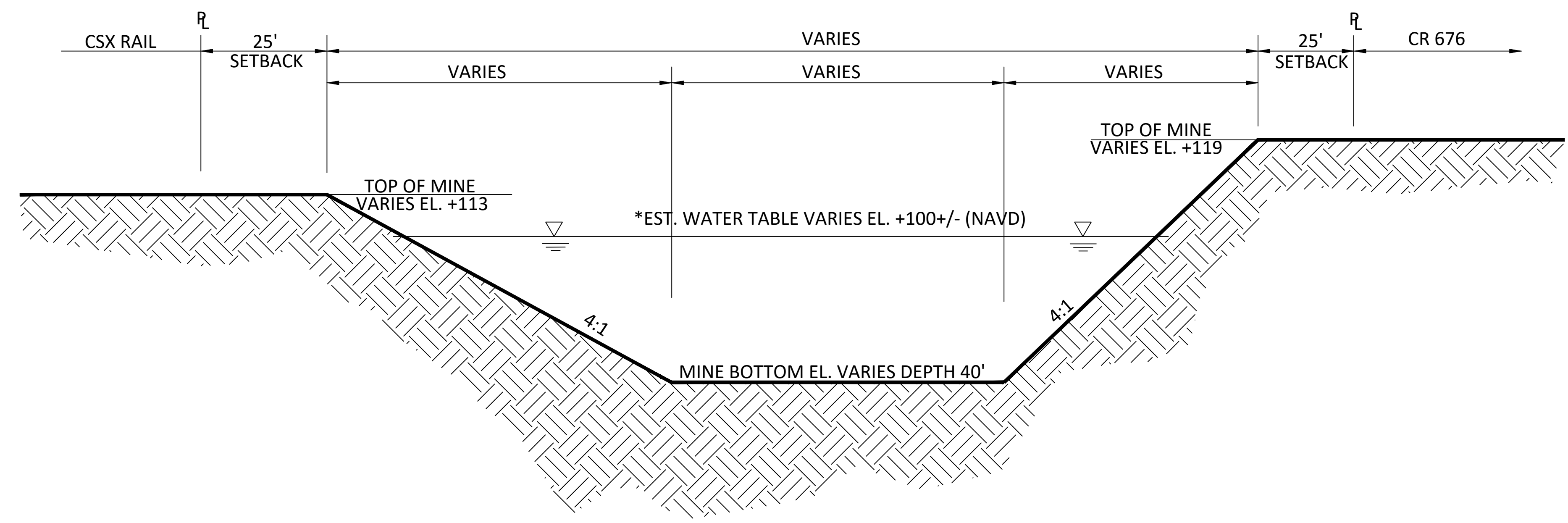
137 5th Street N.W. • Winter Haven, FL 33881
T: (863) 294-6965 • Web: www.carterkaye.com

NORTH PRONG MINE
T. MIMS CORP.

CROSS SECTIONS

PROJECT NO:	MIMSC24004
DRAWN BY:	KKM
APPROVED BY:	DCC
THESE PLANS ARE PRELIMINARY PRIOR TO PERMIT ISSUANCE	

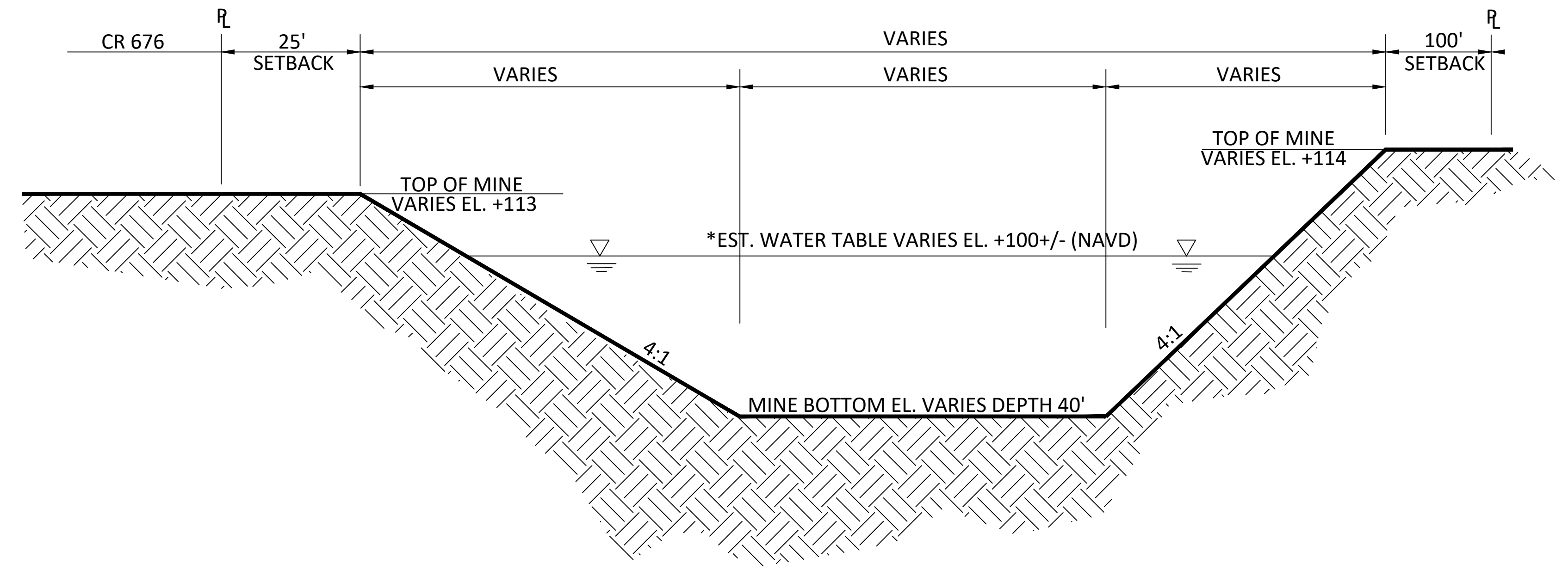
SHEET NO:
C4.0



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

* NOTE THAT THE WATER TABLE IS APPROXIMATE AND VARIES.

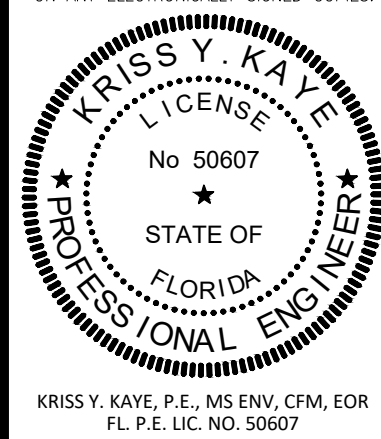
THE WATER TABLE ELEVATION WILL BE DETERMINED UPON GEOTECHNICAL REVIEW AND ENGINEERING DESIGN OF THE MINING BLOCKS.



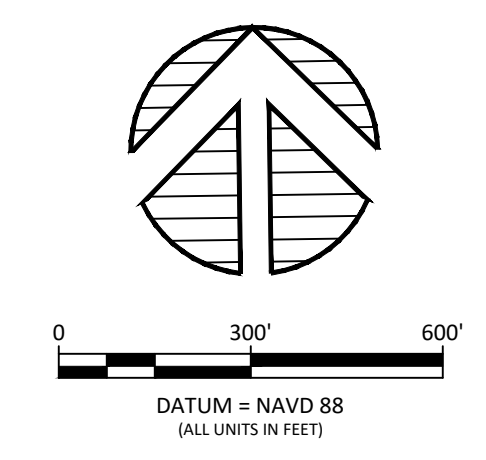
TYPICAL MINING CROSS SECTION B-B
N.T.S.

Dwg. C:\Client\MIMSC - Tom Mims Corp\MIMSC24004 N. Prong Industrial Aggr\Site\Drawings\CROSS SECTIONS.dwg; Layout: C4.0 CROSS SECTIONS; Sep. 16, 2024 9:41

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



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. DEFECT PIPE AS NECESSARY PER CONFLICT DETAIL.

INDUSTRIAL USE NOTE

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

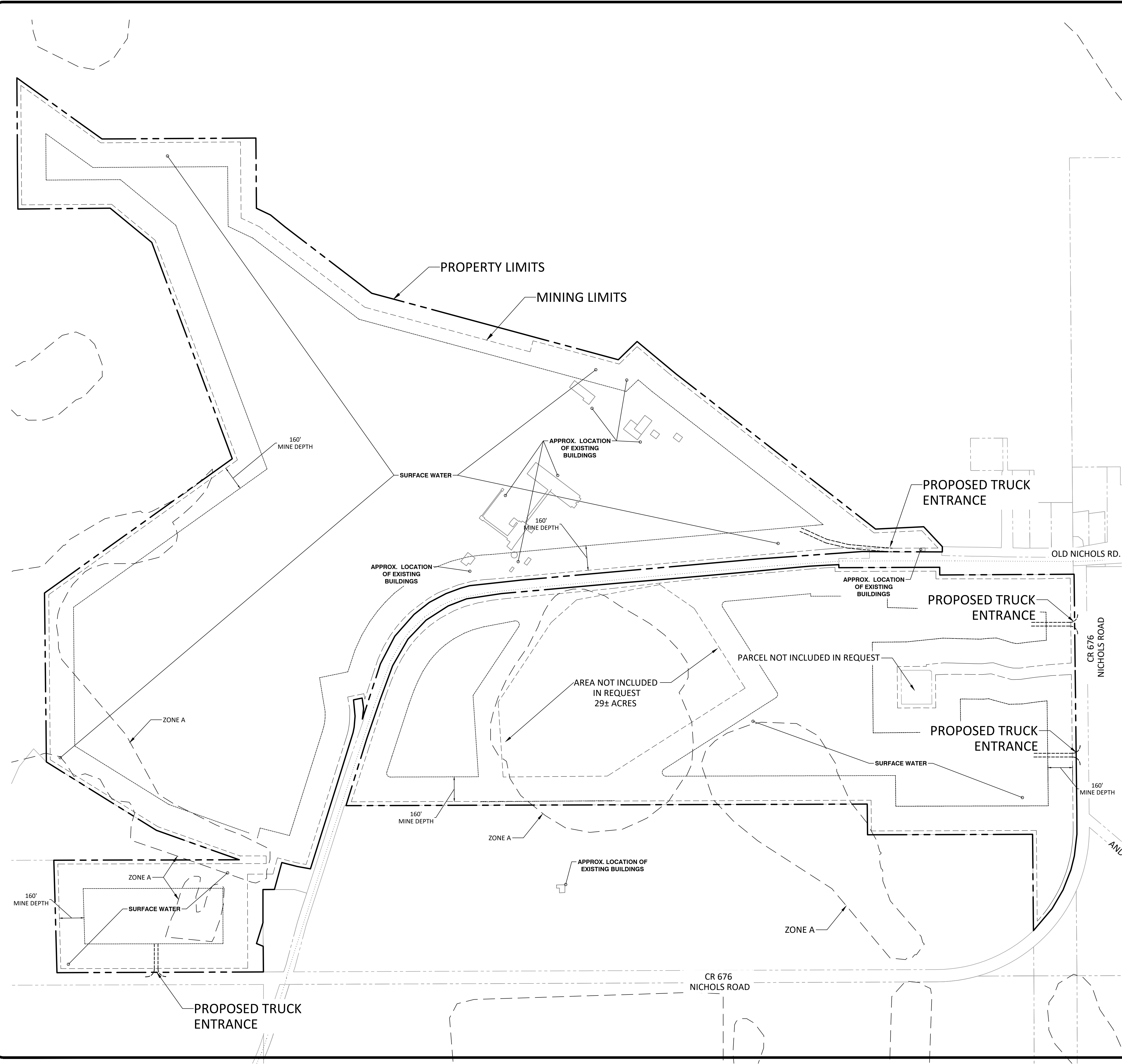
POST CLOSURE NOTES

- POST CLOSURE ACTIVITIES WILL BE CONSISTENT WITH THE POLK COUNTY FLU OF INDUSTRIAL DESIGNATION FOR THIS SITE. AREAS THAT ARE MINED, WILL CONSIST OF SURFACE WATERS WITH THE PERIMETER STABILIZED. BELOW IS LIST OF VIABLE INDUSTRIAL OPTIONS, BUT ANY ACTIVITY PERMITTED UNDER INDUSTRIAL IN THE LDC IS ALLOWED.

COMMERCIAL VEHICLE PARKING, HEAVY MACHINERY/EQUIP. SALES, LIGHT & GENERAL MANUFACTURING, VEHICLE REPAIR AND SERVICE, WAREHOUSING.
- EXCAVATION WILL BE ACCOMPLISHED USING DRAG LINES OR EQUIVALENT BACK HOES. LESSER EQUIPMENT SUCH AS FRONT-END LOADER AND TRUCKS WILL BE USED TO COMPLETE THE LAND USE ACTIVITIES. ANY REQUIRED ACCESS IMPROVEMENTS INCLUDING OFFSITE OR ONSITE PAVING WILL BE SHOWN AT LEVEL 2 SITE PLAN REVIEW.

INDUSTRIAL LAND USE IS PROPOSED ON THE SITE UNDER LDCPAL2024-12. NO OTHER NO LAND USE AMENDMENTS ARE PROPOSED.

Dwg. C:\Clients\MIMSC - Tom Mims Corp\MIMSC24004 - North Prong Mine\SC24004 - N. Prong Industrial\Aggr\Info\McDonnellCAD\ SHEETS\POST CLOSURE (Amp) Layout_C5.0 POST CLOSURE PLAN Sep 16, 2024-9:41



NO.	DATE	REVISIONS	BY

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NORTH PRONG MINE
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POST CLOSURE PLAN

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DRAWN BY: KKM
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