

GENERAL DEVELOPMENT INFORMATION

1. **PROJECT TITLE:** MACS PRE-K BUILDING EXPANSION
2. **PROJECT DESCRIPTION:** THIS PROJECT INCLUDES THE WORK NECESSARY TO DESIGN AND PERMIT A 8,422 SQ. FT. BUILDING WITH NECESSARY STORMWATER AND UTILITIES.
3. **PROPERTY ADDRESS:** 803 NW SEMINARY AVE, MICANOPY, FL 32667
4. **TAX PARCEL NO.:** 16808-002-000 & 16520-067001
5. **SEC/TOWN/RANGE:** 27/ 11/ 20
6. **ZONING:** VACANT COMM.
7. **FUTURE LAND USE:** EMPLOYMENT CENTER
8. **JURISDICTION:** TOWN OF MICANOPY
9. **CONTACT INFORMATION:**
 - A. **PROPERTY OWNER:** MICANOPY AREA COOPERATIVE SCHOOL INC.
CONTACT: BRENDA MAYNARD, DIRECTOR
MICANOPY AREA CO-OPERATIVE SCHOOL
802 NW SEMINARY AVENUE MICANOPY, FL 32667
(353) 466-0990
 - B. **ENGINEER:** J.BROWN PROFESSIONAL GROUP INC.
CONTACT: TIMOTHY J. BOEHLIN, P.E. (352) 375-8999
 - C. **SURVEYOR:** J.BROWN PROFESSIONAL GROUP INC.
CONTACT: TROY WRIGHT, P.S.M., (352) 375-8999
10. **DEVELOPMENT DATA:**

| | | | |
|--------------------------|--------------|------------|-------|
| A. TOTAL SITE AREA | ± 51,441 SF. | ± 1.18 AC. | |
| B. TOTAL BUILDING AREA | = 8,422 SF. | = 0.19 AC. | = 16% |
| C. TOTAL IMPERVIOUS AREA | = 12,830 SF. | = 0.29 AC. | = 25% |
| D. OPEN AREA | = 19,957 SF. | = 0.46 AC. | = 38% |
| E. TOTAL STORMWATER AREA | = 10,876 SF. | = 0.25 AC. | = 21% |
12. **BUILDING INFORMATION:**

| | |
|--------------------|-----------|
| A. NO. OF STORIES: | 1 STORY |
| B. BUILDING AREA: | 8,422 SF. |
| C. SPRINKLED: | YES |
13. **MINIMUM BUILDING SETBACKS:**

| | |
|-----------------|-------|
| A. FRONT/STREET | 25 FT |
| B. REAR | 50 FT |
| C. SIDE | 50 FT |
14. **UTILITY INFORMATION**
 - A. WATER: SERVED BY CONNECTION TO EXISTING MICANOPY WATER UTILITY WATER MAIN.
 - B. WASTEWATER: SERVED BY CONNECTION TO A PROPOSED ON-SITE SEPTIC TANK.
 - C. ELECTRIC: EXISTING CLAY ELECTRIC COOPERATIVE UTILITIES.
15. THIS SITE AND BUILDING SHALL COMPLY WITH THE FLORIDA BUILDING CODE 8TH EDITION (2023).
16. THIS SITE IS NOT LOCATED IN A FEMA FLOOD ZONE.
17. THE SITE IS NOT LOCATED IN MICANOPY TOWN'S HISTORIC DISTRICT OVERLAY (H1-5).
18. THIS SITE AND BUILDING COMPLIES WITH THE STATE OF FLORIDA'S ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
19. THE SITE PLAN SHOWS THE EXISTING TREES TO REMAIN. THE LANDSCAPE PLAN PROVIDES THE PROPOSED NEW PLANTINGS. THE TREES TO REMAIN HAVE BEEN PROVIDED WITH TREE BARRICADES. SEE DEMOLITION PLAN FOR DETAIL.

CONSTRUCTION PLANS

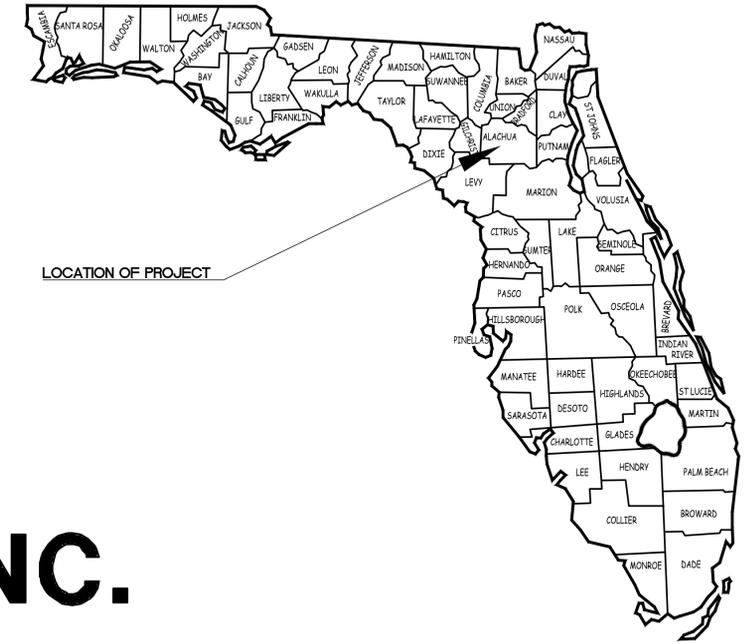
MACS PRE-K

BUILDING EXPANSION

FOR

MICANOPY AREA

COOPERATIVE SCHOOL INC.

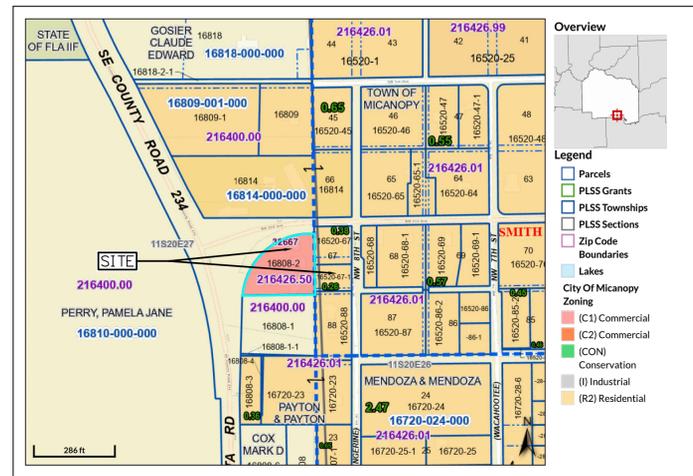


LOCATION OF PROJECT

LEGAL DESCRIPTION PER TITLE COMMITMENT:

PARCEL 1:
A PARCEL OF LAND SITUATE, LYING AND BEING LOCATED IN SECTIONS 26 & 27, TOWNSHIP 11 SOUTH, RANGE 20 EAST, ALACHUA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGIN AT A 1/2" ROD & CAP STAMPED "L85075" LYING ON THE EAST BOUNDARY OF SECTION 27 & THE WEST BOUNDARY OF SECTION 26, ALSO MARKING THE NORTHWEST CORNER OF LOT 88 OF SMITH'S ADDITION TO THE TOWN OF MICANOPY AS RECORDED IN PLAT BOOK A, PAGE 31 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA, AND RUN THENCE SOUTH 88 DEGREES 46 MINUTES 21 SECONDS WEST A DISTANCE OF 261.62 FEET TO A 5/8" ROD & CAP WITH NO IDENTIFICATION LYING ON THE SOUTHEASTERLY RIGHT-OF-WAY BOUNDARY OF COUNTY ROAD 234 AND MARKING A POINT OF CURVE CONCAVE TO THE SOUTHEAST; THENCE NORTHEASTERLY ALONG SAID CURVE AND RIGHT-OF-WAY BOUNDARY WITH A RADIUS OF 254.94 FEET, THROUGH A CENTRAL ANGLE OF 79 DEGREES 21 MINUTES 14 SECONDS, FOR AN ARC LENGTH OF 353.09 FEET (THE CHORD OF SAID ARC BEING NORTH 49 DEGREES 17 MINUTES 45 SECONDS EAST 325.54 FEET) TO A 1/2" ROD WITH NO IDENTIFICATION; THENCE NORTH 86 DEGREES 57 MINUTES 34 SECONDS EAST A DISTANCE OF 10.80 FEET TO A 1/2" ROD WITH NO IDENTIFICATION LYING ON THE EAST BOUNDARY OF SECTION 27 & THE WEST BOUNDARY OF SECTION 26 AND THE AFORESAID PLAT; THENCE SOUTH 01 DEGREES 30 MINUTES 15 SECONDS EAST ALONG SAID WEST BOUNDARY A DISTANCE OF 107.14 FEET TO A SET 5/8" ROD & CAP STAMPED "JBPRO LB8031"; THENCE SOUTH 00 DEGREES 37 MINUTES 47 SECONDS EAST ALONG SAID BOUNDARIES A DISTANCE OF 89.79 FEET TO A 5/8" ROD & CAP STAMPED "L8921"; THENCE SOUTH 03 DEGREES 13 MINUTES 22 SECONDS WEST ALONG SAID BOUNDARIES A DISTANCE OF 10.44 FEET TO THE POINT OF BEGINNING, CONTAINING 0.95 ACRES, MORE OR LESS.

PARCEL 2:
A PARCEL OF LAND SITUATE, LYING AND BEING LOCATED IN SECTIONS 26 & 27, TOWNSHIP 11 SOUTH, RANGE 20 EAST, ALACHUA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT A 1/2" ROD & CAP STAMPED "L85075" LYING ON THE EAST BOUNDARY OF SECTION 27 & THE WEST BOUNDARY OF SECTION 26, ALSO MARKING THE NORTHWEST CORNER OF LOT 88 OF SMITH'S ADDITION TO THE TOWN OF MICANOPY AS RECORDED IN PLAT BOOK A, PAGE 31 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA, AND RUN THENCE NORTH 03 DEGREES 13 MINUTES 22 SECONDS EAST ALONG SAID SECTION BOUNDARIES A DISTANCE OF 10.44 FEET TO A 5/8" ROD & CAP STAMPED "L8921" FOR THE POINT OF BEGINNING. FROM SAID POINT OF BEGINNING RUN THENCE ALONG SAID PLAT & SECTION BOUNDARIES NORTH 00 DEGREES 37 MINUTES 47 SECONDS EAST A DISTANCE OF 89.79 FEET TO A SET 5/8" ROD & CAP STAMPED "JBPRO LB8031"; THENCE LEAVING SAID BOUNDARIES RUN NORTH 88 DEGREES 58 MINUTES 55 SECONDS EAST A DISTANCE OF 112.43 FEET TO A SET 5/8" ROD & CAP STAMPED "L8921" FOR THE POINT OF BEGINNING. FROM SAID POINT OF BEGINNING RUN THENCE ALONG SAID PLAT & SECTION BOUNDARIES NORTH 00 DEGREES 37 MINUTES 47 SECONDS EAST ALONG SAID RIGHT-OF-WAY A DISTANCE OF 90.50 FEET TO A 1/2" ROD & CAP STAMPED "GTY LB21"; THENCE LEAVING SAID RIGHT-OF-WAY RUN NORTH 89 DEGREES 08 MINUTES 12 SECONDS WEST ALONG THE SOUTH BOUNDARY OF SAID LOT A DISTANCE OF 111.444 FEET TO THE POINT OF BEGINNING, CONTAINING 0.23 ACRES, MORE OR LESS.



LOCATION MAP
SCALE: 1" = 300'

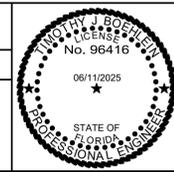
| MACS PRE-K BUILDING EXPANSION | |
|-------------------------------|---|
| SHEET INDEX | |
| SHEET NO. | TITLE |
| C0.00 | COVER SHEET |
| C0.01 | LEGEND, ABBREVIATIONS, & NOTES |
| C0.02 | STORMWATER POLLUTION PREVENTION PLAN |
| C1.00 | DEMOLITION PLAN |
| C1.01 | EROSION AND SEDIMENTATION CONTROL PLAN |
| C2.00 | DIMENSION PLAN |
| C3.00 - C3.02 | PAVING GRADING & DRAINAGE PLAN |
| C3.03 | BASIN DRAINAGE PLAN AND BORING PROFILES |
| C4.00 | UTILITY PLAN |
| C4.01 - C4.02 | UTILITY DETAILS & NOTES |
| C5.00 | DETAILS & NOTES |
| L001 - L002 | LANDSCAPE PLANS |
| S001 - S002 | BOUNDARY AND TOPOGRAPHIC SURVEY |

| REVISIONS | | | | |
|-----------|------|-------------|------|------|
| NO. | DATE | DESCRIPTION | DRWN | APPR |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Digitally signed by Timothy J. Boehlein
DN: cn=Timothy J. Boehlein, o=JBPro, ou=Engineering, email=timothy.boehlein@jbpro.com, c=US

Timothy J. Boehlein
ENGINEER OF RECORD: TIMOTHY J. BOEHLIN, P.E.
FLORIDA LICENSE NO. 96416

This item has been digitally signed and sealed by Timothy J. Boehlein, PE on the date adjacent to the seal. Signature must be verified on any electronic copies.



JBPro
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SURVEYING | CONSTRUCTION SERVICES

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Gainesville: (352) 375-8999 | St. Augustine: (904) 789-8999
Toll Free: (844) Go-JBPro | E-mail: contact@jbpro.com

SHEET TITLE: COVER SHEET

CLIENT: MICANOPY AREA COOPERATIVE SCHOOL INC.
MICANOPY, FL

PROJECT: MACS PRE-K BUILDING EXPANSION

DATE: JUNE 2025

PROJECT NO: 0802-24-001

SHEET NO: C0.00

GENERAL CONSTRUCTION NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES WITHIN THE WORK LIMITS OF ALL IMPROVEMENTS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES DURING CONSTRUCTION. IN THE EVENT THAT A UTILITY CONFLICT OCCURS, CONTRACTOR SHALL NOTIFY THE ENGINEER AND UTILITY PROVIDER TO COORDINATE REMEDIAL ACTION.
- THE TOWN OF Micanopy SHALL BE NOTIFIED 24 HOURS IN ADVANCE FOR INSPECTION OF PERTINENT STAGES OF CONSTRUCTION WITHIN THEIR RESPECTIVE P/W/SUBGRADE PREPARATION, LIMEROCK PLACEMENT, INSPECTION OF THE SWEPT LIMEROCK BASE PRIOR TO THE PLACEMENT OF ASPHALT, AND OTHERS AS REQUIRED FOR APPROVAL.
- IF UNDERDRAINS ARE NECESSARY, GEOTECHNICAL ENGINEER, SHALL DETERMINE THE EXACT LOCATION AND REQUIREMENTS. THE CONTRACTOR SHALL INSTALL UNDERDRAINS AS REQUIRED.
- WHERE SUBSOIL EXCAVATION IS REQUIRED, THE LIMITS OF EXCAVATION SHALL BE A MINIMUM OF 24" BELOW THE LIMEROCK BASE. EXACT LOCATIONS OF SUBSOIL EXCAVATION SHALL BE AS DIRECTED BY THE TOWN OF Micanopy OR THE GEOTECHNICAL ENGINEER.
- CONTRACTOR SHALL DISPOSE OF SUBSOIL EXCAVATED MATERIALS (UNSUITABLE FOR FILL) OFF SITE TO A PERMITTED LOCATION OR PER AN APPROVED DISPOSAL PLAN AND LOCATION SITE.
- CONTRACTOR IS RESPONSIBLE FOR DISPOSING OF ALL FOREIGN DEBRIS AND MATERIAL OFFSITE. DISPOSAL METHODS AND LOCATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS AND REQUIREMENTS.
- ALL PAVEMENT CUT/REPAIR WILL BE MADE THE FULL ROAD WIDTH AT LEAST 6 FT WIDE AND REQUIRES APPROVAL FOR CUT AND INSPECTION OF THE REPAIR BY THE TOWN OF Micanopy.
- EXISTING TOPOGRAPHY INFORMATION DEPICTED IS BASED ON THE PROJECT TOPOGRAPHIC SURVEY CONDUCTED BY JBP Pro ON 12/19/2024. THE CONTRACTOR SHALL VERIFY ALL EXISTING ELEVATION GRADES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES THAT WILL AFFECT FINISH GRADE DESIGN FOR PROPER RUNOFF CONDITIONS PRIOR TO CONSTRUCTION. JBP Pro WILL ASSIST THE CONTRACTOR IN REVISING ANY GRADING DISCREPANCIES PRIOR TO CONSTRUCTION TO ASSURE PROPER GRADING AND RUNOFF CONDITIONS RESULT UPON COMPLETION OF CONSTRUCTION.
- ALL STRUCTURES SHALL ADHERE TO THE 2023 FLORIDA BUILDING CODE(S), THE 2020 NATIONAL ELECTRIC CODE AND THE 2020 FLORIDA FIRE PREVENTION CODE, AS AMENDED.
- ALL INTERSECTIONS OF PEDESTRIAN SIDEWALKS AND ROADWAYS SHALL COMPLY WITH THE 2020 FLORIDA ACCESSIBILITY CODE. DETECTABLE WARNINGS AND CURB RAMPS SHALL BE USED.

PAVING, GRADING AND DRAINAGE SPECIFICATIONS

- ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88) AND BASED ON MULTIPLE GPS OBSERVATIONS REFERENCING THE FLORIDA DEPARTMENT OF TRANSPORTATION PERMANENT REFERENCE NETWORK (FPRN).
- STATE PLANE COORDINATES ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT, FLORIDA NORTH COORDINATE ZONE BASED ON MULTIPLE GPS OBSERVATIONS REFERENCING THE FLORIDA DEPARTMENT OF TRANSPORTATION PERMANENT REFERENCE NETWORK (FPRN).
- ALL DRAINAGE CONSTRUCTION, INCLUDING MATERIALS, CONSTRUCTION TECHNIQUES, AND TECHNICAL STANDARDS, SHALL BE IN ACCORDANCE WITH THE FDOT FY 2023-26 STANDARD PLANS.
- ALL AREAS OF NEW CONSTRUCTION SHALL BE CLEANED AND GRUBBED. TOP SOIL REMAINING ONSITE MAY BE STOCKPILED FOR FINE GRADING IN LANDSCAPED AREAS. IF SUITABLE, THE CONTRACTOR SHALL FURNISH ALL FILL REQUIRED AND DISPOSE OF ALL EXCESS OR UNSUITABLE MATERIAL OFFSITE IN ACCORDANCE WITH ALL REGULATORY REQUIREMENTS. TREES TO REMAIN SHALL BE PROTECTED PRIOR TO STARTING CONSTRUCTION AND SHALL BE PROTECTED THROUGHOUT SITE CONSTRUCTION.
- ALL PROPOSED UNDERGROUND UTILITY INSTALLATIONS WITHIN THE LIMITS OF ROADWAY SUBGRADE, INCLUDING STORMWATER, POTABLE WATER, WASTEWATER, GAS, ELECTRICAL CONDUIT, AND SLEEVES FOR FUTURE UTILITIES, SHALL BE INSTALLED PRIOR TO STABILIZATION OF THE ROADWAY SUBGRADE.
- ALL NEW ASPHALT PAVEMENT CONSTRUCTION SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
 - EARTHWORK: FILL MATERIALS SHALL CONFORM TO AASHTO SOIL GROUPS A-1, A-2, A-3, OR A-4 AND SHALL BE PLACED IN 6" - 12" LOOSE LIFTS AND COMPACTED TO 95% DENSITY USING MODIFIED PROCTOR METHOD (AASHTO T-180).
 - SUBSOIL EXCAVATION: WHERE SUBSOIL EXCAVATION IS REQUIRED, UNSUITABLE MATERIALS SHALL BE REMOVED TO A DEPTH OF 24" BELOW THE LIMEROCK BASE AND BACKFILLED WITH CLEAN FILL.
 - STABILIZED SUBGRADE: ALL STABILIZED MATERIAL SHALL CONFORM TO SECTION 914 AND PLACED ACCORDING TO SECTION 160 IN ONE 12" MINIMUM COMPACTED LIFT. SUBGRADE SHALL BE STABILIZED TO A MINIMUM LBR VALUE OF 40 PER DESIGN SECTION.
 - BASE COURSE: ALL MATERIAL SHALL BE LIMEROCK CONFORMING TO SECTION 911 AND PLACED ACCORDING TO SECTION 200 IN A SINGLE OR TWO EQUAL COMPACTED LIFTS (PER DESIGN SECTION). BASE MATERIAL SHALL BE COMPACTED TO 98% DENSITY BY MODIFIED PROCTOR METHOD (AASHTO T-180). THE PRIME COAT SHALL CONFORM TO SECTION 300.
 - ASPHALTIC CONCRETE: ALL ASPHALTIC CONCRETE MATERIAL SHALL BE TYPE SP STRUCTURAL COURSE (TYPE & THICKNESS PER DESIGN SECTION) AND SHALL CONFORM TO SECTION 334. ALL ASPHALTIC CONCRETE CONSTRUCTION SHALL CONFORM TO SECTION 330.
- ALL ASPHALTIC CONCRETE MIX DESIGN AND PORTLAND CONCRETE CEMENT MIX DESIGN SHALL BE SUBMITTED AND APPROVED PRIOR TO INSTALLATION. ASPHALT MIX DESIGN MUST BE APPROVED BY THE TOWN OF Micanopy. DENSITY REPORTS AND ASPHALT MIX DESIGN REPORT SHALL BE SUBMITTED TO THE TOWN OF Micanopy FOR APPROVAL PRIOR TO PAVING BEING PERFORMED.
- ALL CONCRETE USED FOR CONSTRUCTION OF DRAINAGE STRUCTURES, SIDEWALKS, SPILLWAYS, ETC. SHALL BE CLASS I CONFORMING TO SECTION 347.
- CONCRETE SIDEWALKS AND DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 522.
- REINFORCED CONCRETE PIPE (RCP) SHALL CONFORM TO SECTION 449-4.
- POLYPROPYLENE PIPE (PP) SHALL CONFORM TO SECTION 449.
- ALL TESTING REPORTS AND ASPHALT DESIGN REPORTS MUST BE SUBMITTED FOR APPROVAL BY THE TOWN OF Micanopy PRIOR TO ANY PAVEMENT INSTALLATION.
- POST INSTALLATION VIDEO INSPECTIONS SHALL BE REQUIRED FOR ALL PIPE IN THE CITY RIGHT-OF-WAY AND THE COST SHALL BE BORNE BY THE CONTRACTOR.

STORMWATER MAINTENANCE PLAN

- MAINTENANCE RESPONSIBILITY:**
Micanopy AREA COOPERATIVE SCHOOL INC. SHALL BE THE ENTITY RESPONSIBLE FOR THE MAINTENANCE OF THE STORMWATER CONVEYANCE SYSTEM WITHIN THE OWNER'S PROPERTY.
- MAINTENANCE PLAN NOTES:**
 - TRASH AND DEBRIS SHALL BE REMOVED FROM STORMWATER CONVEYANCE SYSTEM AS NEEDED.
 - STABILIZATION AND RESTORATION OF ERODED AREAS SHALL BE PERFORMED AS NEEDED.
 - GRASSED AREAS SHALL BE REGULARLY MOWED.

REQUIRED SUBMITTALS

- PRIOR TO CONSTRUCTION INSTALLATION OF SPECIFIC WORK SCOPE ITEMS THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SUBMITTAL INFORMATION TO THE EOR FOR REVIEW AND APPROVAL. THESE SUBMITTALS SHALL INCLUDE SOURCE PROVIDER, MANUFACTURER LITERATURE, CUT SHEETS, DIMENSIONED DRAWINGS, FABRICATION DRAWINGS, SKETCHES, DETAILS AND ANY OTHER INFORMATION NECESSARY FOR THE EOR TO REVIEW AND APPROVE AS TO COMPLIANCE WITH THE DESIGN DRAWINGS AND SPECIFICATIONS.
- THE FOLLOWING SCOPE ITEMS SHALL REQUIRE SUBMITTALS:
 - STORM SEWER STRUCTURES, PIPING AND APPURTENANCES
 - POTABLE WATER SYSTEM MATERIALS, FITTINGS AND APPURTENANCES
 - WASTEWATER PIPING, FITTINGS, STRUCTURES AND APPURTENANCES
 - EROSION CONTROL MATERIALS AND DEVICES
 - ASPHALT MIX DESIGN(S)
 - CONCRETE MIX DESIGN(S)
 - EARTHWORK SOIL IMPORT SOURCE
 - GRASSING / SOD TYPE AND SOURCE
- MATERIALS SHALL NOT BE DELIVERED ONSITE OR INSTALLED UNTIL SUBMITTAL APPROVAL IS PROVIDED BY THE EOR OR EOR'S REPRESENTATIVE.
- CONTRACTOR IS RESPONSIBLE FOR ANY COST INCURRED TO REVISE ANY WORK COMPLETED PRIOR TO SUBMITTAL APPROVAL. THE OWNER OR EOR ARE NOT RESPONSIBLE FOR COSTS INCURRED IF ANY MATERIALS ARE PURCHASED, DELIVERED OR INSTALLED PRIOR TO SUBMITTAL REVIEW AND APPROVAL.
- THE CONTRACTOR SHALL PROVIDE A LIST OF SUB-CONTRACTORS THAT WILL BE PERFORMING ANY PHASES OF WORK ON THE PROJECT. THE LIST SHALL INCLUDE NAME OF COMPANY, ADDRESS, PHONE NUMBERS, AND EMAIL ADDRESSES OF INDIVIDUALS RESPONSIBLE FOR THE SUB-CONSULTANT WORK EFFORT AND THE CONTACT INFORMATION FOR THE INDIVIDUALS IN RESPONSIBLE CHARGE OF PERFORMING THE WORK IN THE FIELD.

GEOTECHNICAL TESTING GENERAL NOTE

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING GEOTECHNICAL TESTING FOR EACH SPECIFIED DESIGN COURSE, SUBGRADE, BASE COURSE, AND PAVEMENT. TESTING REQUIREMENTS SHALL BE PERFORMED IN ACCORDANCE WITH THE TOWN OF Micanopy PUBLIC SERVICES CONSTRUCTION AND INSPECTION STANDARDS AND FDOT CONSTRUCTION AND INSPECTION STANDARDS. TESTING RESULTS SHALL BE PROVIDED TO THE OWNER AND THE ENGINEER FOR REVIEW AND APPROVAL OF CONFORMANCE TO DESIGN SPECIFICATIONS PRIOR TO CONSTRUCTION OF THE SUBSEQUENT COURSE.
- IN THE EVENT THE CONTRACTOR PROCEEDS TO THE NEXT COURSE PRIOR TO SUBMITTING AND RECEIVING APPROVAL OF THE TEST RESULTS, THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RECONSTRUCT ANY WORK NECESSARY TO BRING ALL DESIGN COURSES INTO COMPLIANCE WITH THE DESIGN SECTION SPECIFICATIONS.
- TESTING REPORTS WITH GEOTECHNICAL TESTING RESULTS SHALL DENOTE THE TESTING LOCATIONS.

NPDES EROSION AND SEDIMENTATION CONTROL PERMITTING NOTES

- THE CONTRACTOR IS REQUIRED TO FILE THE FLORIDA DEPT. OF ENVIRONMENTAL PROTECTION (FDEP) NOTICE OF INTENT (NOI) TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (CGP) (RULE 62-621.300(4), F.A.C.). CONSTRUCTION ACTIVITY SHALL NOT COMMENCE PRIOR TO OBTAINING AN ACKNOWLEDGEMENT LETTER FROM FDEP VERIFYING THE NOI IS COMPLETE. THE PROJECT IS COVERED BY THE GENERIC PERMIT, AND THE PROJECT IDENTIFICATION NO. IS ESTABLISHED. CONTRACTOR SHALL PROVIDE THE EOR AND PROPERTY OWNER WITH A COPY OF THE FDEP ACKNOWLEDGEMENT LETTER VERIFYING COVERAGE.
- THE CONTRACTOR SHALL ABIDE BY THE REQUIREMENTS OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND CGP AT ALL TIMES THROUGHOUT CONSTRUCTION, AND UTILIZE ALL APPROPRIATE BEST MANAGEMENT PRACTICES (BMP'S) AS REQUIRED TO PREVENT EROSION AND SEDIMENTATION DISCHARGE OFFSITE DURING CONSTRUCTION.
- SEDIMENTATION AND EROSION CONTROL BMP'S SHALL BE IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION AND SEDIMENTATION CONTROL DESIGNER AND REVIEWER MANUAL, DATED JULY 2013, OR LATEST UPDATE. THE CONTRACTOR IS RESPONSIBLE TO UTILIZE ALL BMP'S, AS NECESSARY THROUGHOUT CONSTRUCTION, AND MAY UTILIZE MULTIPLE BMP'S OR OTHER MEANS AND METHODS DEEMED APPROPRIATE TO CONTROL EROSION AND SEDIMENTATION DISCHARGE.
- THE CONTRACTOR SHALL UTILIZED A STATE OF FLORIDA CERTIFIED EROSION & SEDIMENTATION CONTROL (ESC) INSPECTOR DURING CONSTRUCTION TO ABIDE BY THE TERMS OF THE NOI PERMIT COVERAGE. AT A MINIMUM THE CERTIFIED INSPECTOR SHALL INSPECT ALL DISCHARGE POINTS, DISTURBED AREAS, MATERIAL STORAGE AREAS, STRUCTURAL CONTROLS AND CONSTRUCTION ENTRANCES/EXITS AT LEAST ONCE EVERY SEVEN (7) DAYS AND AFTER EVERY 1/2 INCH OR GREATER STORM EVENT. MAJOR OBSERVATIONS AND INCIDENTS OF NON-COMPLIANCE SHOULD BE RECORDED IN THE INSPECTION REPORT, AS WELL AS CORRECTIVE ACTIONS AND MAINTENANCE, UNLESS ADVISED OTHERWISE, MAINTENANCE MUST OCCUR WITHIN SEVEN (7) CALENDAR DAYS OF THE INSPECTION. THESE INSPECTIONS MUST BE DOCUMENTED AND SIGNED BY A QUALIFIED INSPECTOR AS DEFINED BY THE CGP. THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE SWPPP AND THE CGP WHEN THE REPORTS DO NOT IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE.
- UPON SATISFACTORY COMPLETION OF THE PROJECT CONSTRUCTION AND SITE STABILIZATION, THE CONTRACTOR SHALL FILE THE NPDES STORMWATER NOTICE OF TERMINATION (NOT) (RULE 62-621.300(6), F.A.C.) WITH FDEP. THE PERMIT COVERAGE IS DEEMED COMPLETE WHEN ALL SOIL DISTURBING CONSTRUCTION ACTIVITIES ARE COMPLETE AND STABILIZATION OF ALL DISTURBED OPEN AREAS HAVE REACHED AT LEAST 70% VEGETATIVE COVER OR OTHER PERMANENT STABILIZATION IS IN PLACE. A COPY OF THE NOT SHALL BE PROVIDED TO THE EOR AND PROPERTY OWNER.

STANDARD ABBREVIATIONS

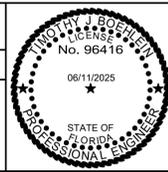
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|-------|--|-------|--|
| ADJ | ADJACENT | MAY | MAXIMUM |
| ALUM | ALUMINUM | MES | MITERED END SECTION |
| APT | APARTMENT | MH | MANHOLE |
| ASPH | ASPHALT | MIN | MINIMUM |
| B&J | BORE & JACK | MO | MONTH |
| BC | BACK OF CURB | N | NORTH |
| BCOMP | BITUMINOUS COATED CORRUGATED METAL PIPE | N/A | NOT APPLICABLE |
| BLDG | BUILDING | NE | NORTH EAST |
| BM | BENCHMARK | NG | NATURAL GRADE |
| BOP | BEGINNING OF PROFILE | NIC | NOT IN CONTRACT |
| BSL | BUILDING SETBACK LINE | NO | NUMBER |
| C&G | CURB & GUTTER | NTS | NOT TO SCALE |
| CI | CURVE ONE | NW | NORTH WEST |
| CATV | CABLE TELEVISION | OC | ON CENTER |
| CET | CURB END TAPER | PCPE | PERFORATED CORRUGATED POLYETHYLENE PIPE |
| CF | CUBIC FEET | PE | POLYETHYLENE PIPE |
| CI | CAST IRON | POB | POINT OF BEGINNING |
| CIP | CAST-IN-PLACE | PP | POLYETHYLENE PIPE |
| CL | CENTER LINE | POE | POINT OF ENDING |
| CLF | CHAIN LINK FENCE | PL | PROPERTY LINE |
| CMP | CORRUGATED METAL PIPE | PRVT | PRIVATE |
| QMPA | CORRUGATED METAL PIPE ARCHED | PRI | PRIMARY |
| CMU | CONCRETE MASONRY UNIT | PSI | POUNDS PER SQUARE INCH |
| CO | CLEAN OUT | PT | PRESSURE TREATED (NON ARSENIC) |
| COMM | COMMUNICATIONS | PUD | PLANNED URBAN DEVELOPMENT |
| CONC | CONCRETE | PVI | POINT OF VERTICAL INTERSECTION |
| CPE | CORRUGATED POLYETHYLENE PIPE | PVC | POLYVINYL CHLORIDE |
| CY | CUBIC YARD | PVMT | PAVEMENT |
| DBI | DITCH BOTTOM INLET | P&P | PLAN & PROFILE |
| DCBP | DOUBLE CHECK BACKFLOW PREVENTER | R/W | RIGHT OF WAY |
| DEG | DEGREES | R1' | ONE FOOT RADIUS |
| DHWL | DESIGN HIGH WATER LEVEL | RB | RESILIENT WEDGE |
| DI | DUCTILE IRON | RCP | REINFORCED CONCRETE PIPE |
| DIA | DIAMETER | REF | REFERENCE |
| DIM | DIMENSION | RBPFP | REDUCED PRESSURE BACKFLOW PREVENTER |
| DIP | DUCTILE IRON PIPE | REQ'D | REQUIRED |
| E | EAST | RT | RIGHT |
| E/M | EASEMENT | RW | RESILIENT WEDGE |
| EL | ELEVATION | S | SOUTH |
| ELEC | ELECTRIC | S/W | SIDEWALK |
| EOP | END OF PROFILE | SE | SOUTH EAST |
| EP | EDGE OF PAVEMENT | SEC | SECONDARY |
| ERCP | ELLIPTICAL REINFORCED CONCRETE PIPE | SF | SQUARE FEET |
| EX | EXISTING | SG | SWITCH GEAR |
| FC | FACE OF CURB | SI | SURFACE INLET |
| FDC | FIRE DEPARTMENT CONNECTION | SPA | SPACE |
| FDEP | FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION | SRWMD | SUWANNEE RIVER WATER MANAGEMENT DISTRICT |
| FDOT | FLORIDA DEPARTMENT OF TRANSPORTATION | SPT | STANDARD PENETRATION TEST |
| FF | FINISH FLOOR | SS | SANITARY SEWER |
| FG | FINISH GRADE | SSL | STAINLESS STEEL |
| FH | FIRE HYDRANT | ST | STORM |
| FL | FIRE LINE | ST | STREET |
| FLL | FLOW LINE | STA | STATION |
| FM | FORCE MAIN | STD | STANDARD |
| FO | FIBER OPTIC | STL | STEEL |
| FP | FLOOD PLAIN | SW | SOUTH WEST |
| FT | FEET | SY | SQUARE YARD |
| FUT | FUTURE | TBC | TRAFFIC BEARING COVER |
| GALV | GALVANIZED | TBM | TEMPORARY BENCHMARK |
| GRU | GAINESVILLE REGIONAL UTILITIES | TEL | TELEPHONE |
| GV | GATE VALVE | TFMR | TRANSFORMER |
| HC | HANDICAP | TV | TELEVISION |
| HORIZ | HORIZONTAL | TW | TOP OF WALL |
| HP | HIGH-PERFORMANCE POLYPROPYLENE | Typ | TYPICAL |
| HR | HOUR | UD | UNDER DRAIN |
| INV | INVERT | UTIL | UTILITIES |
| IRR | IRRIGATION | VCP | VITRIFIED CLAY PIPE |
| KO | KNOCK-OUT | VEH | VEHICLE |
| LF | LINEAR FEET | W | WEST |
| L1 | LINE ONE | W/ | WITH |
| LAT | LATITUDE | W/WW | WATER/WASTEWATER |
| LBR | LIMEROCK BEARING RATIO | WM | WATER MAIN |
| LONG | LONGITUDE | WS | WATER SERVICE |
| LGT | LIGHT | WW | WASTEWATER |
| LP | LOW POINT | YR | YEAR |
| LT | LEFT | | |
| MAINT | MAINTENANCE | | |

LEGEND

| | | |
|--|-------------|---|
| | EST | EXISTING STORM SEWER LINE |
| | EWW | EXISTING SANITARY SEWER LINE |
| | EGAS | EXISTING GAS SERVICE LINE |
| | ECATV | EXISTING CATV & TELEPHONE LINE |
| | EUE | EXISTING UNDERGROUND ELECTRIC LINE |
| | EWM | EXISTING WATER MAIN |
| | 76 | EXISTING CONTOUR LINE |
| | +89.8 | NATURAL GROUND SPOT ELEVATION |
| | 9 LA (2060) | EXISTING TREE TO REMAIN |
| | 7 LA (2221) | EXISTING TREE TO BE REMOVED |
| | | PROPOSED ASPHALT PAVEMENT |
| | | PROPOSED CONC PAVEMENT/SIDEWALK |
| | 87 | PROPOSED FINISH ELEVATION CONTOUR |
| | 35.00 | PROPOSED FINISH SPOT ELEVATION |
| | | PROPOSED DIRECTIONAL FLOW ARROW |
| | | DRAINAGE AREA DIVIDE |
| | | PROPOSED SILT FENCE |
| | | PROPOSED TREE BARRICADE FENCE |
| | | PROPOSED CENTERLINE |
| | ST | PROPOSED STORM SEWER LINE |
| | WS | PROPOSED WATER MAIN |
| | PE | PROPOSED PRIMARY ELECTRIC SERVICE CONDUIT |
| | SE | PROPOSED SECONDARY ELECTRIC SERVICE CONDUIT |
| | GAS | PROPOSED GAS MAIN |
| | TEL | PROPOSED CATV & TELEPHONE SERVICE |
| | CATV | PROPOSED CATV & TELEPHONE SERVICE |
| | WW | PROPOSED WASTEWATER |
| | FM | PROPOSED SANITARY SEWER FORCE MAIN |
| | | PROPOSED PUE |
| | | PROPOSED DRAINAGE SWALE |
| | | RIGHT-OF-WAY |
| | | PROPOSED PVC SANITARY SEWER SERVICE LATERAL WITH CLEANOUT |
| | | GRAVEL FILTER BAGS INLET PROTECTION |
| | | FILTER CLOTH INLET PROTECTION |

| REVISIONS | | | |
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| ENGINEER OF RECORD: | TIMOTHY J. BOEHLEIN, P.E. FLORIDA LICENSE NO. 96416 |
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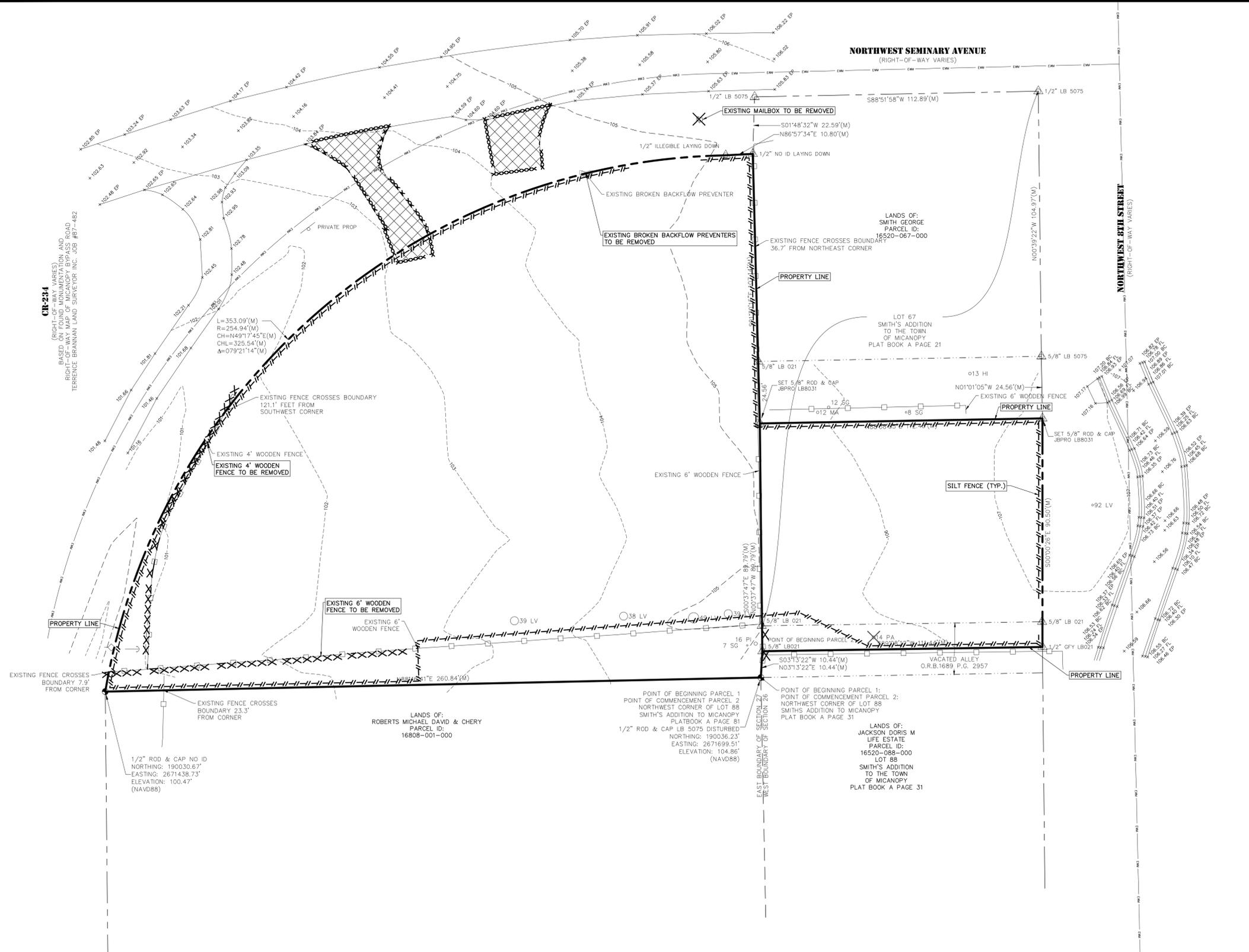
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|--------------|---|----------|
| SHEET TITLE: | LEGEND ABBREVIATIONS AND NOTES | |
| CLIENT: | MICANOPY AREA COOPERATIVE SCHOOL INC. MICANOPY, FL | PROJECT: |
| | MACS PRE-K BUILDING EXPANSION | |

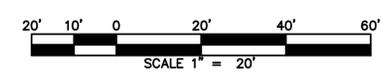
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| DATE: | JUNE 2025 |
| PROJECT NO: | 0802-24-001 |
| SHEET NO: | C0.01 |

CR-234
 (RIGHT-OF-WAY VARIES)
 BASED ON FOUND MONUMENTATION AND
 RIGHT-OF-WAY MAP OF MICANOPY BYPASS ROAD
 TERRANCE BRANNAN LAND SURVEYOR INC. JOB #87-482



- LEGEND**
- ✕ EXISTING LIGHT POLES AND SIGNS TO BE REMOVED
 - 12 CA EXISTING TREE TO REMAIN
 - ✕ 12 CA EXISTING TREE TO BE REMOVED
 - ▨ EXISTING CURB/ASPHALT TO BE REMOVED
 - XXXXXX EXISTING FENCE TO BE REMOVED

- GENERAL DEMOLITION NOTES**
1. PRIOR TO DEMOLITION AND CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES TO VERIFY THE LOCATION OF ALL ABOVE GROUND AND UNDERGROUND UTILITIES TO BE REMOVED OR RELOCATED.
 2. CONTRACTOR IS RESPONSIBLE FOR ALL SITE DEMOLITION AND MATERIAL REMOVAL. IN ADDITION TO THE DEMOLITION SHOWN, THE CONTRACTOR SHALL REMOVE ALL MISCELLANEOUS TRASH, DEBRIS, FENCING ETC., IN ORDER TO PROVIDE A CLEAN CONSTRUCTION SITE.
 3. CONTRACTOR IS RESPONSIBLE FOR DISPOSING OF ALL DEMOLITION MATERIAL OFF SITE. DISPOSAL METHODS AND LOCATIONS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS.
 4. REMOVAL OF ALL CONSTRUCTION DEBRIS, LIMEROCK, EXCESS OF BUILDERS SAND, CONCRETE AND MORTAR DEBRIS, EXISTING WEEDS AND GRASSES, AND ALL FOREIGN MATERIALS IN THE PLANTING BED AND SOO AREAS IS THE RESPONSIBILITY OF THE SITE WORK CONTRACTOR. SOIL IN AREAS TO BE LANDSCAPED SHALL BE UNCOMPACTED, SUITABLE FOR ROOT GROWTH WITH APPROPRIATE AMOUNTS OF ORGANIC MATTER, AND OF PH RANGE OF 5.5 - 6.5.
 5. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL DESIGNATE A TEMPORARY CONSTRUCTION ENTRANCE AND STOCKPILE AREA.
 6. BACKFILL PLANTING AREAS AS NEEDED WITH A SANDY-LOAM SOIL, SUITABLE FOR PLANT GROWTH, FRIABLE, AND FREE OF CLAY LUMPS, BRUSH, WEEDS, SEEDS, ROOTS, STONES, ORGANIC MUCK, HARD PAN CLAY, LITTER AND CONSTRUCTION DEBRIS INCLUDING LIMEROCK OR PAVING BASE MATERIAL, ASPHALT, AND CONCRETE, AND OTHER EXTRANEUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. USE NEW, DEEP FILL MATERIAL AS PER USDA STANDARD TEXTURES AND THAT IS TAKEN FROM WELL-DRAINING LOCAL SOURCES WITH SIMILAR SOIL TYPES AS FOUND AT THE PROJECT SITE. FILL TO BE OF PH 5-6.5. DO NOT COMPACT.



REVISIONS

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ENGINEER OF RECORD: **TIMOTHY J. BOEHLEIN, P.E.**
 FLORIDA LICENSE NO. 96416



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SHEET TITLE: **DEMOLITION PLAN**
 CLIENT: MICANOPY AREA COOPERATIVE SCHOOL INC.
 MICANOPY, FL

PROJECT: **MACS PRE-K BUILDING EXPANSION**

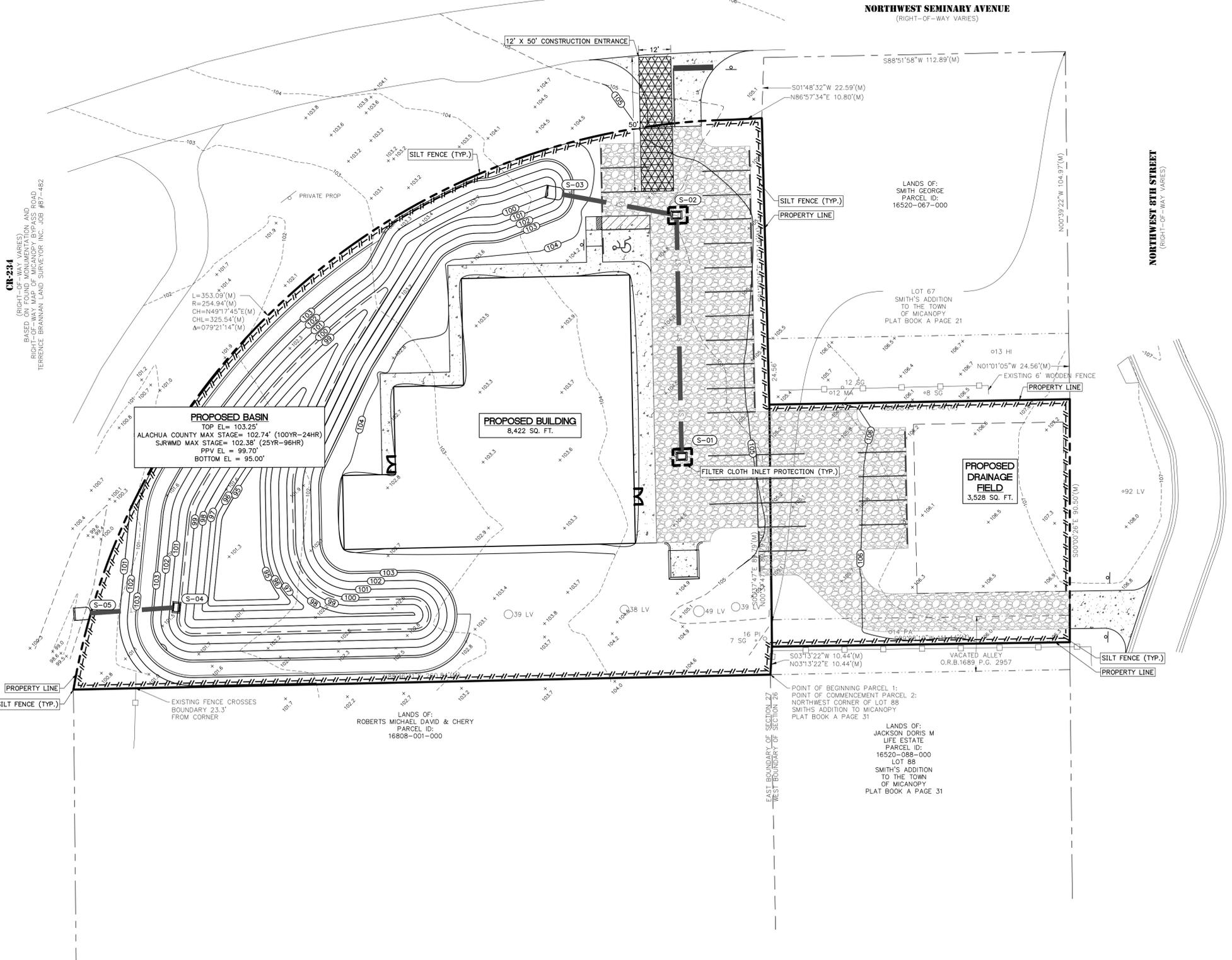
DATE: **JUNE 2025**
 PROJECT NO: **0802-24-001**
 SHEET NO: **C1.00**

CR-234
 (RIGHT-OF-WAY VARIES)
 BASED ON FOUND MONUMENTATION AND
 RIGHT-OF-WAY MAP OF MICANOPY BYPASS ROAD
 TERRANCE BRANNAN LAND SURVEYOR INC. JOB #87-482

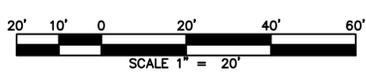
PROPOSED BASIN
 TOP EL = 103.25'
 ALACHUA COUNTY MAX STAGE = 102.74' (100YR-24HR)
 SURWMD MAX STAGE = 102.38' (25YR-96HR)
 PPV EL = 99.70'
 BOTTOM EL = 95.00'

PROPOSED BUILDING
 8,422 SQ. FT.

PROPOSED DRAINAGE FIELD
 3,528 SQ. FT.



- LEGEND**
- - - - - EXISTING TOPOGRAPHY CONTOUR
 - - - - - SILT-FENCE BARRIERS PER FDOT EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL (JUNE 2007)
 - - - - - GRAVEL FILTER BAGS INLET PROTECTION
 - - - - - FILTER CLOTH INLET PROTECTION
 - - - - - NEW CONCRETE SIDEWALK
 - - - - - CONSTRUCTION ENTRANCE



| REVISIONS | | | DRWN | APPR |
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ENGINEER OF RECORD:
TIMOTHY J. BOEHLEIN, P.E.
 FLORIDA LICENSE NO. 96416



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SHEET TITLE:
EROSION AND SEDIMENTATION CONTROL PLAN

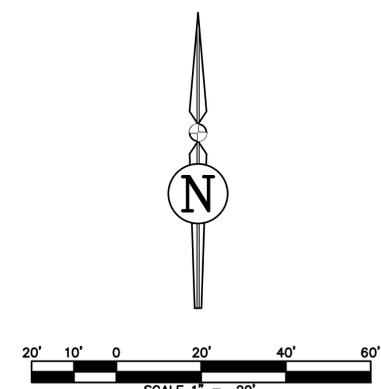
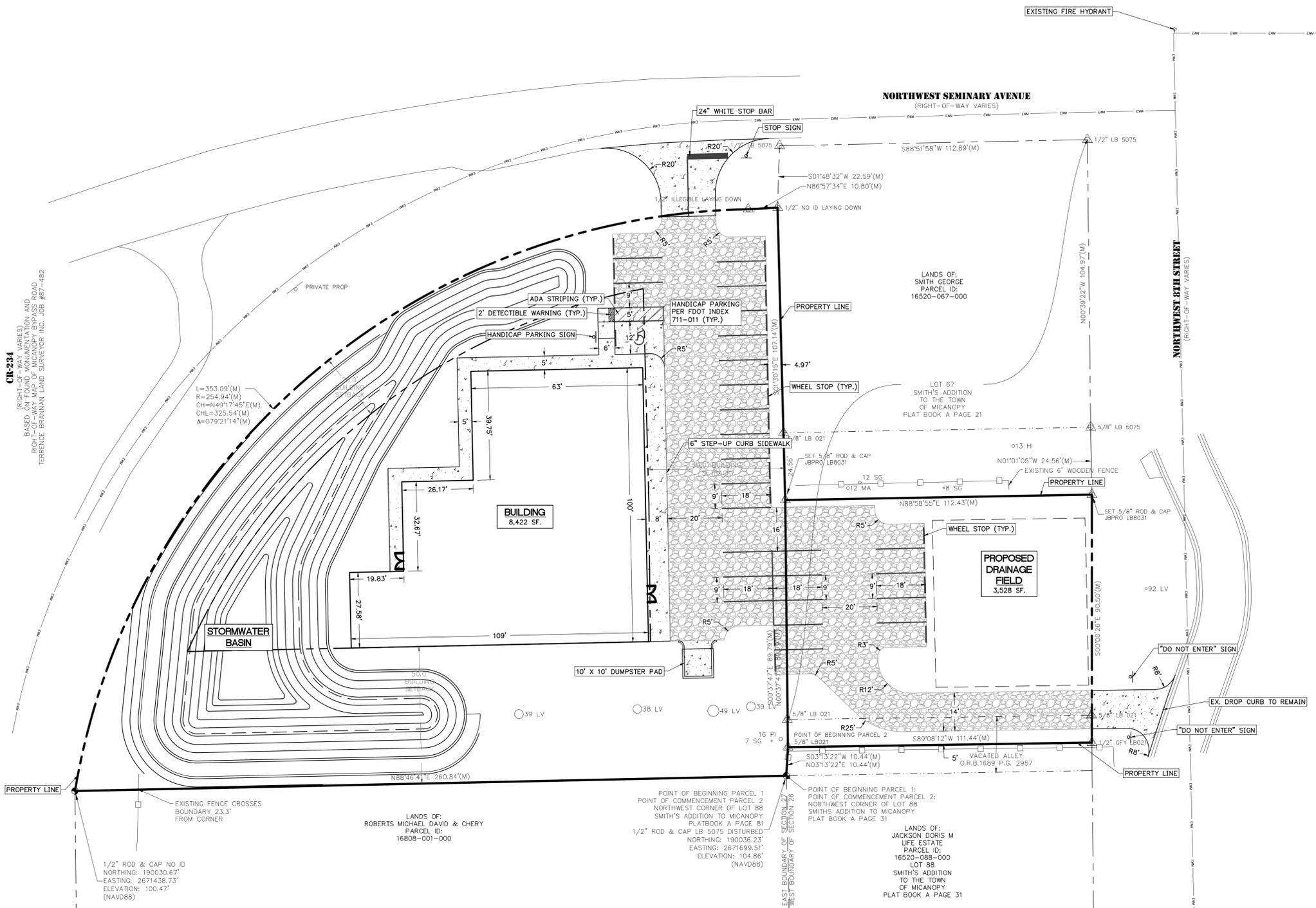
CLIENT:
 MICANOPY AREA COOPERATIVE SCHOOL INC.
 MICANOPY, FL

PROJECT:
 MACS PRE-K BUILDING EXPANSION

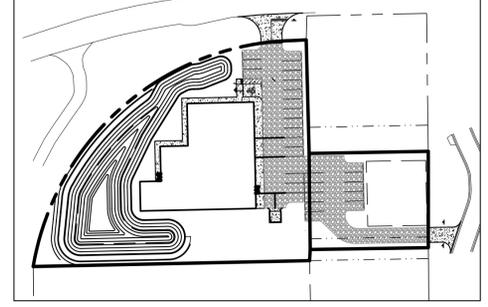
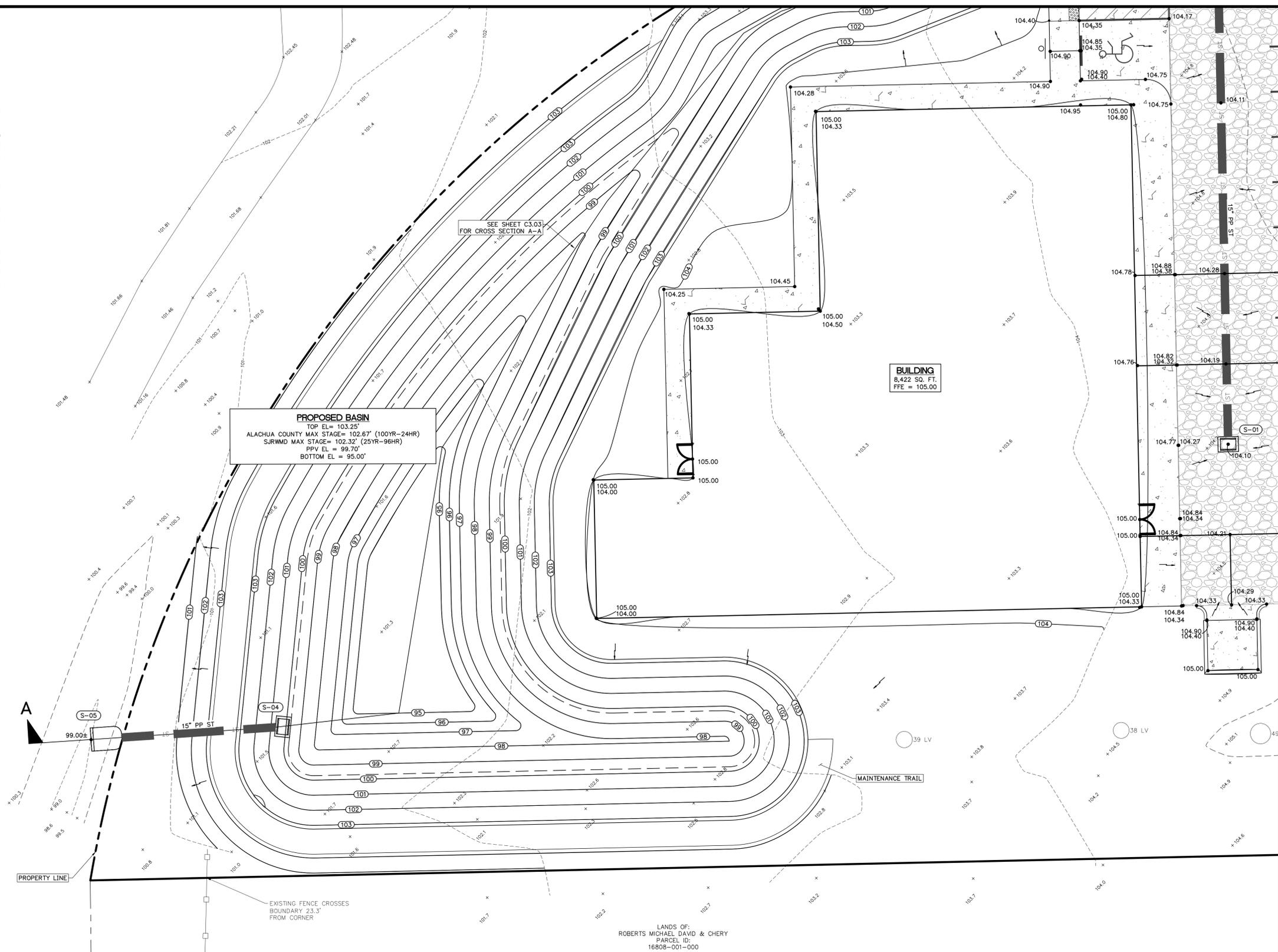
DATE:
JUNE 2025

PROJECT NO:
0802-24-001

SHEET NO:
C1.01



CR-234
 (RIGHT-OF-WAY VARIES)
 BASED ON FOUND MONUMENTATION AND
 RECORD SURVEY MAP OF CANYON BYPASS
 PROJECT, PARCEL ID: 16808-001-000
 TERRANCE BRANNAN LAND SURVEYOR, INC. JOB #87-482



KEY MAP
N.T.S.

LEGEND

- DRAINAGE FLOW ARROW
- 11.50 PROPOSED ELEVATION
- 11.50± EXISTING ELEVATION

STORM STRUCTURE TABLE

| UPSTREAM STRUCTURE | DOWNSTREAM STRUCTURE | SIZE & MATERIAL | LENGTH | SLOPE |
|--------------------|----------------------|-----------------|--------|-------|
| S-01 | S-02 | 15" PP | 90' | 0.50% |

DITCH BOTTOM INLETS

- S-01
 FDOT INDEX 425-052
 TPE C DBI
 GRATE EL = 104.10
 N INV EL = 100.68 (15" PP)
- S-04
 FDOT INDEX 425-052
 TPE C DBI
 GRATE EL = 102.75
 W INV EL = 99.70 (15" PP)
- S-05
 FDOT INDEX 430-022
 MITERED END SECTION
 E INV EL = 99.00 (15" PP)

PROPOSED BASIN
 TOP EL = 103.25'
 ALACHUA COUNTY MAX STAGE = 102.67' (100YR-24HR)
 SJRWMD MAX STAGE = 102.32' (25YR-96HR)
 PPV EL = 99.70'
 BOTTOM EL = 95.00'

BUILDING
 8,422 SQ. FT.
 FFE = 105.00

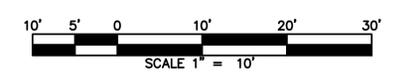
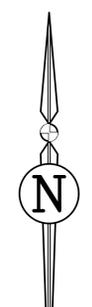
SEE SHEET C3.03
 FOR CROSS SECTION A-A

A

PROPERTY LINE

EXISTING FENCE CROSSES
 BOUNDARY 23.3'
 FROM CORNER

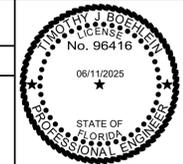
LANDS OF:
 ROBERTS MICHAEL DAVID & CHERY
 PARCEL ID:
 16808-001-000



REVISIONS

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ENGINEER OF RECORD: **TIMOTHY J. BOEHLIN, P.E.**
 FLORIDA LICENSE NO. 96416



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SHEET TITLE:

PAVING GRADING AND DRAINAGE PLAN

CLIENT:

MICANOPY AREA COOPERATIVE SCHOOL INC.
 MICANOPY, FL

PROJECT:

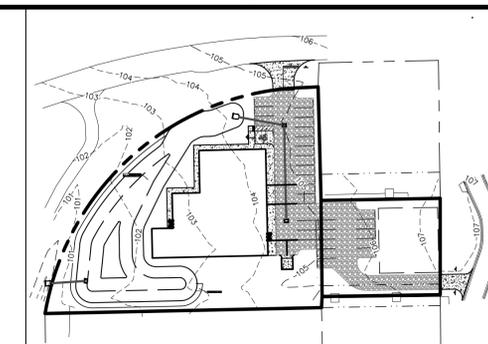
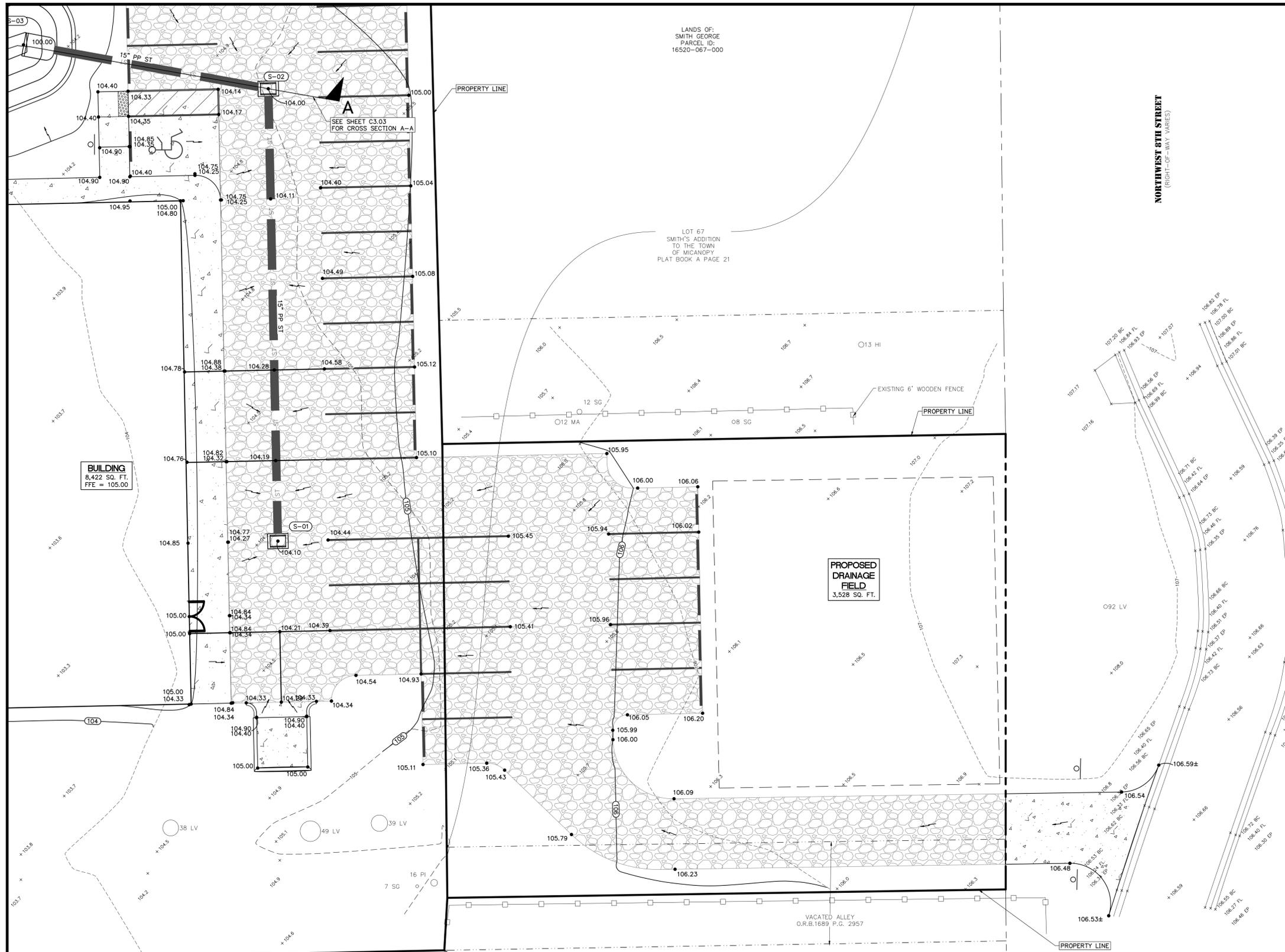
MACS PRE-K BUILDING EXPANSION

DATE: **JUNE 2025**

PROJECT NO: **0802-24-001**

SHEET NO:

C3.00



KEY MAP
N.T.S.

LEGEND

- DRAINAGE FLOW ARROW
- 11.50 PROPOSED ELEVATION
- 11.50± EXISTING ELEVATION

STORM STRUCTURE TABLE

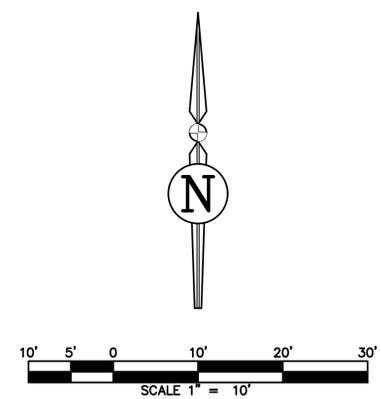
| UPSTREAM STRUCTURE | DOWNSTREAM STRUCTURE | SIZE & MATERIAL | LENGTH | SLOPE |
|--------------------|----------------------|-----------------|--------|-------|
| S-01 | S-02 | 15" PP | 90' | 0.50% |
| S-02 | S-03 | 15" PP | 46' | 0.50% |

DITCH BOTTOM INLETS

- S-01
FDOT INDEX 425-052
TPE C DBI
GRATE EL = 104.10
N INV EL = 100.68 (15" PP)
- S-02
FDOT INDEX 425-052
TPE C DBI
GRATE EL = 104.00
S INV EL = 100.23 (15" PP)
W INV EL = 100.23 (15" PP)

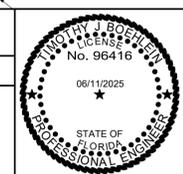
STORM MES TABLE

- S-03
FDOT INDEX 430-022
MITERED END SECTION
E INV EL = 100.00 (15" PP)



| REVISIONS | | | |
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ENGINEER OF RECORD: **TIMOTHY J. BOEHLEIN, P.E.**
FLORIDA LICENSE NO. 96416



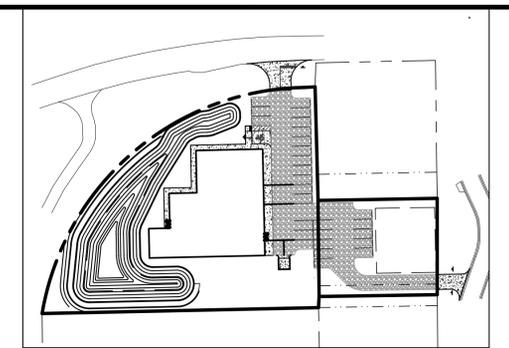
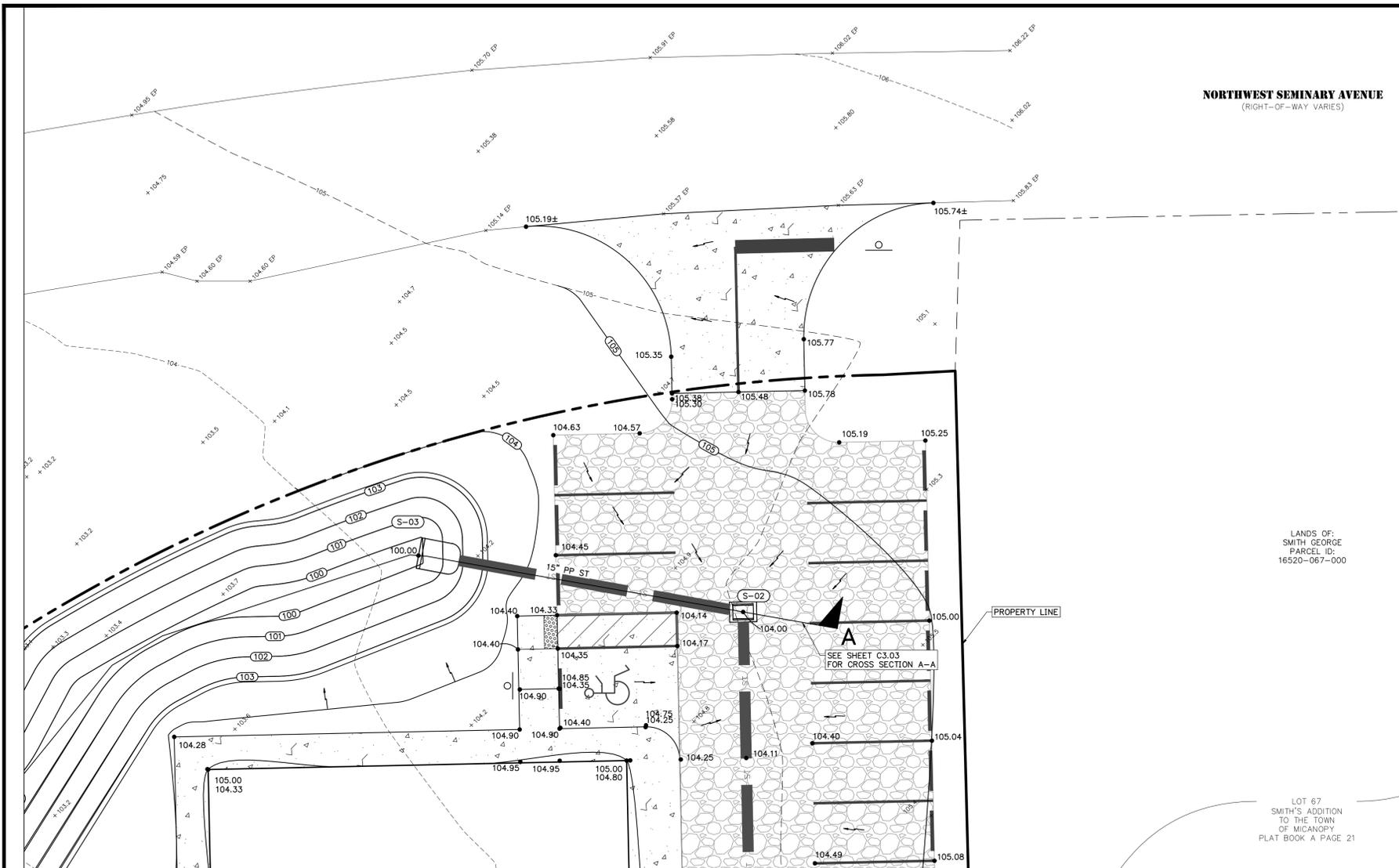
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SHEET TITLE: **PAVING GRADING AND DRAINAGE PLAN**
CLIENT: **MICANOPY AREA COOPERATIVE SCHOOL INC.**
MICANOPY, FL

PROJECT: **MACS PRE-K BUILDING EXPANSION**

DATE: **JUNE 2025**
PROJECT NO: **0802-24-001**
SHEET NO: **C3.01**



KEY MAP
N.T.S.

STORM STRUCTURE TABLE
STORM PIPE TABLE

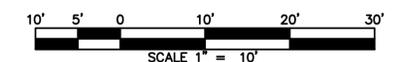
| UPSTREAM STRUCTURE | DOWNSTREAM STRUCTURE | SIZE & MATERIAL | LENGTH | SLOPE |
|--------------------|----------------------|-----------------|--------|-------|
| S-02 | S-03 | 15" PP | 46' | 0.50% |

DITCH BOTTOM INLETS

S-02
FDOT INDEX 425-052
TPE C DBI
GRATE EL = 104.00
S INV EL = 100.23 (15" PP)
W INV EL = 100.23 (15" PP)

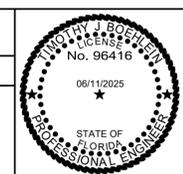
STORM MES TABLE

S-03
FDOT INDEX 430-022
MITERED END SECTION
E INV EL = 100.00 (15" PP)



| REVISIONS | | | |
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ENGINEER OF RECORD: **TIMOTHY J. BOEHLIN, P.E.**
FLORIDA LICENSE NO. 96416



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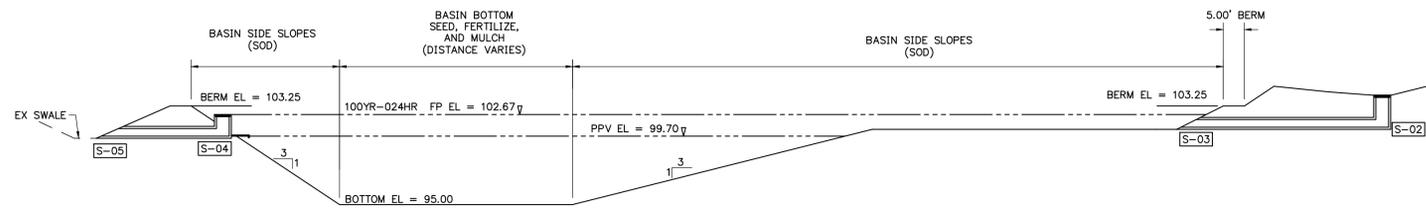
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SHEET TITLE:
PAVING GRADING AND DRAINAGE PLAN

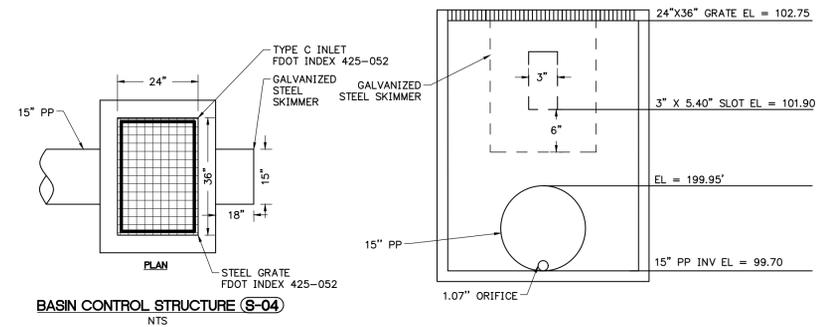
CLIENT:
MICANOPY AREA COOPERATIVE SCHOOL INC.
MICANOPY, FL

PROJECT:
MACS PRE-K BUILDING EXPANSION

DATE: **JUNE 2025**
PROJECT NO: **0802-24-001**
SHEET NO: **C3.02**



BASIN CROSS SECTION A-A
N.T.S.

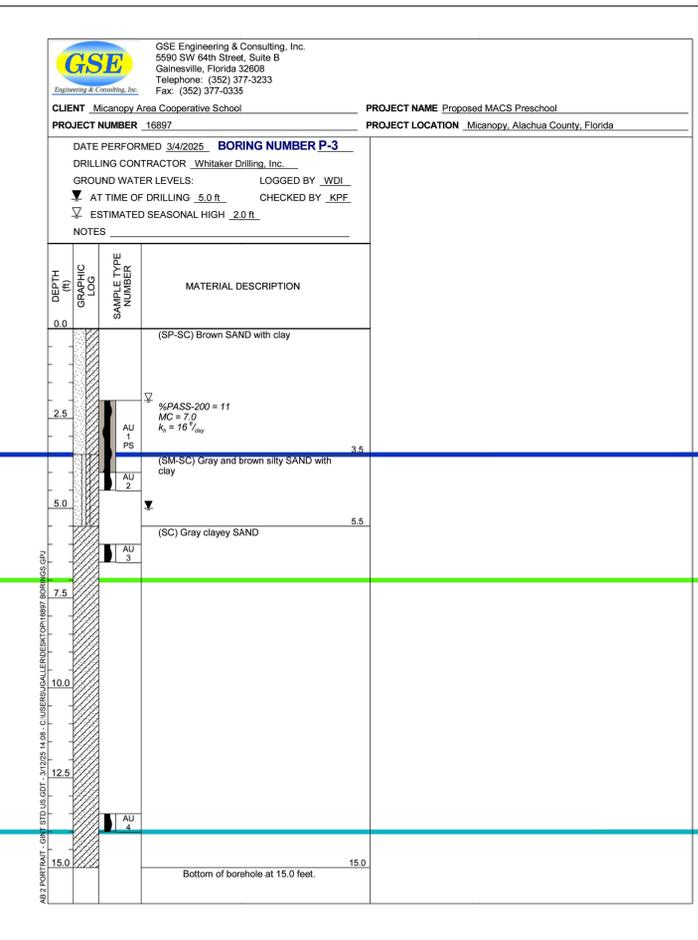
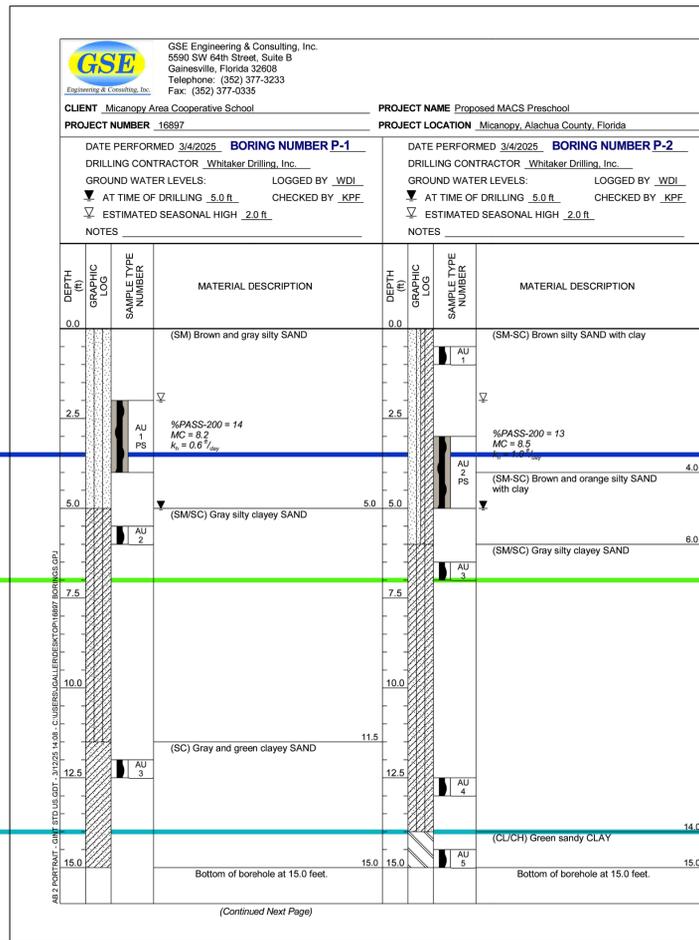


BASIN CONTROL STRUCTURE (S-04)
N.T.S.

MODELED SHGWT
EL = 99.20

BASIN POND BOTTOM
EL = 95.00

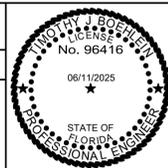
MODELED BOA
EL = 88.00



(Continued Next Page)

| REVISIONS | | | |
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| NO. | DATE | DESCRIPTION | DRWN APPR |
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ENGINEER OF RECORD: **TIMOTHY J. BOEHLIN, P.E.**
FLORIDA LICENSE NO. 96416



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SHEET TITLE: **BASIN DRAINAGE PLAN AND BORING PROFILES**

CLIENT: MICANOPY AREA COOPERATIVE SCHOOL INC.
MICANOPY, FL

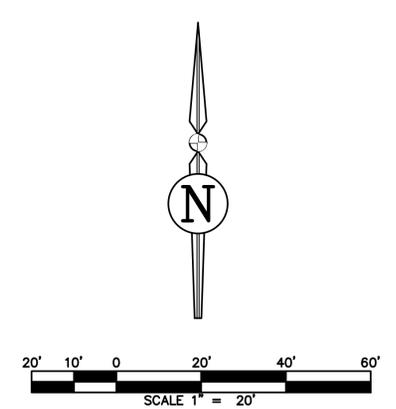
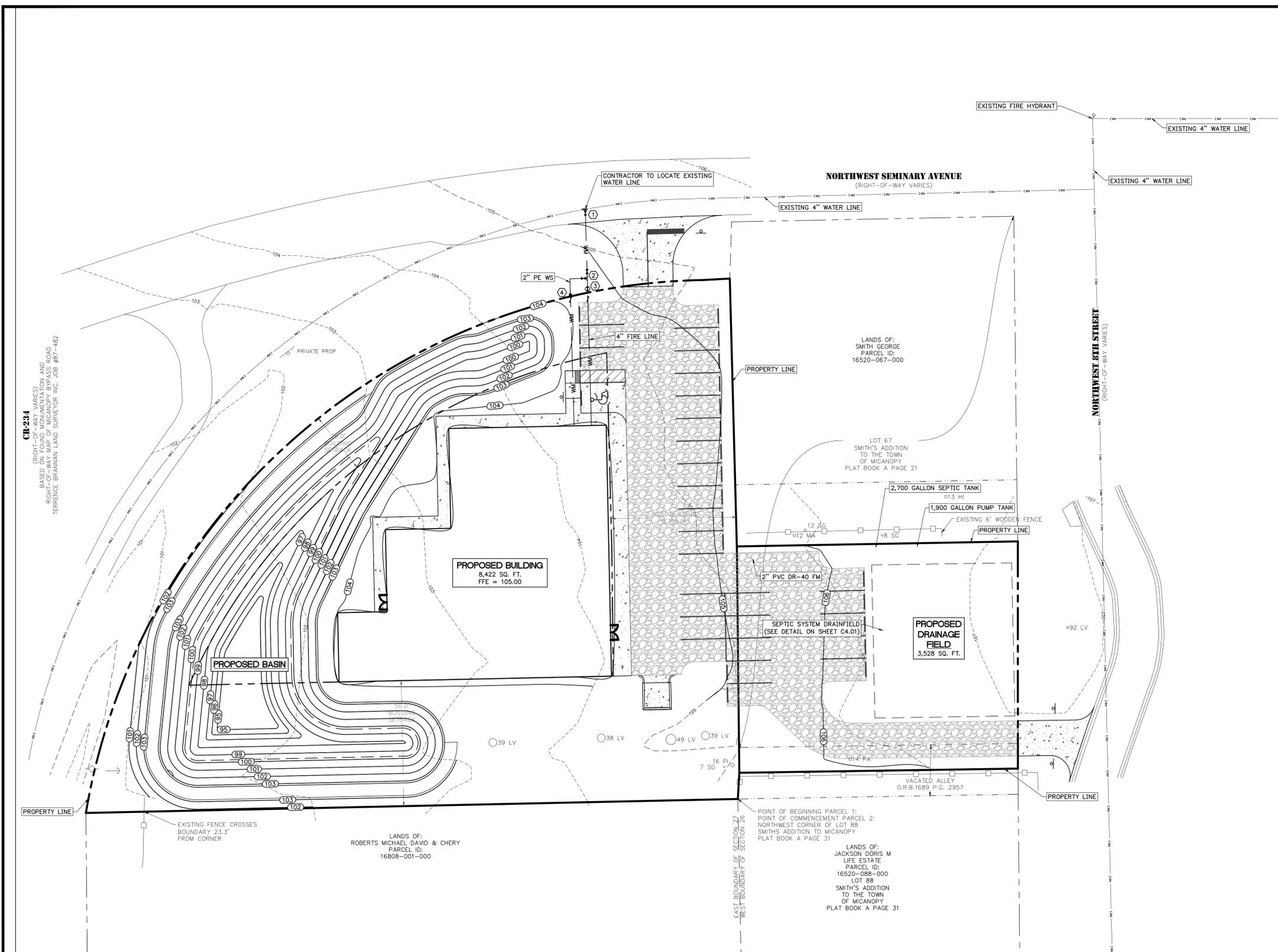
PROJECT: MACS PRE-K BUILDING EXPANSION

DATE: **JUNE 2025**

PROJECT NO: **0802-24-001**

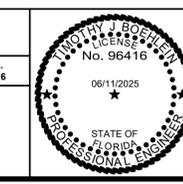
SHEET NO: **C3.03**

- WATER FITTING SCHEDULE**
- ① 1 - 4 X 4 WET TAP
 - ② 1 - 4" GATE VALVE
1 - 4 X 2 TEE
1 - 2" GATE VALVE
 - ③ 1 - 4" PIV
1 - 4" DCBFP
 - ④ 1 - 2" SINGLE WATER METER SERVICE CONNECTION (END OF MICANOPY WATER UTILITY AUTHORITY MAINTENANCE)
1 - 2" RPZBFP



| REVISIONS | | | |
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| NO. | DATE | DESCRIPTION | DRWN/ APPR |
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ENGINEER OF RECORD: **TIMOTHY J. BOEHLEIN, P.E.**
FLORIDA LICENSE NO. 96416



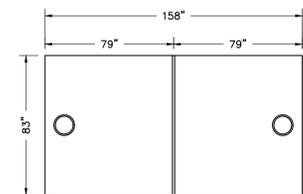
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SHEET TITLE: **UTILITY PLAN**
CLIENT: MICANOPY AREA COOPERATIVE SCHOOL INC.
MICANOPY, FL

PROJECT: **MACS PRE-K BUILDING EXPANSION**

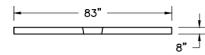
DATE: **JUNE 2025**
PROJECT NO: **0802-24-001**
SHEET NO: **C4.00**



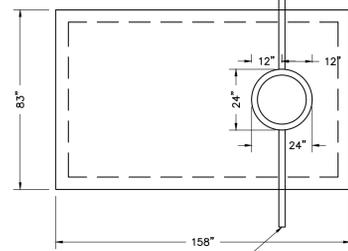
PLAN VIEW



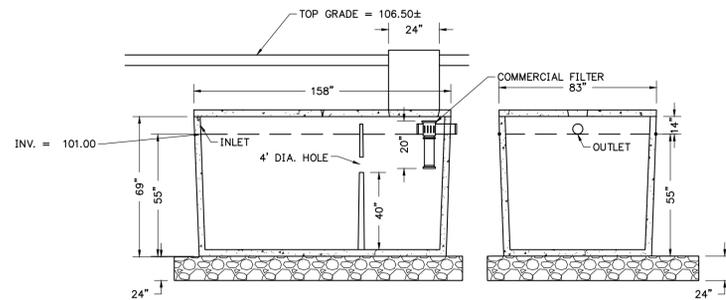
SIDE VIEW (LID)



END VIEW (LID)

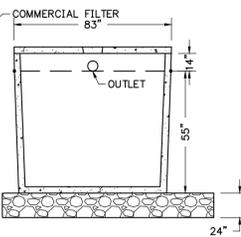


DOSING TANK HATCH COVER PLAN
N.T.S.

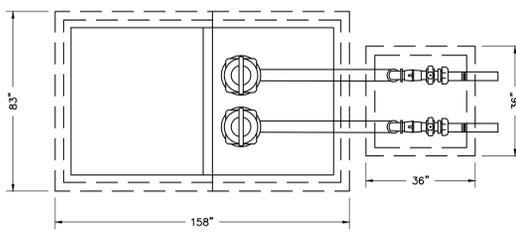


SIDE VIEW

2700 GALLON TANK
N.T.S.



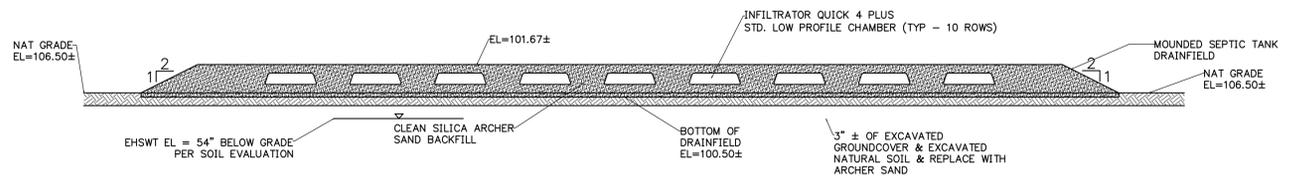
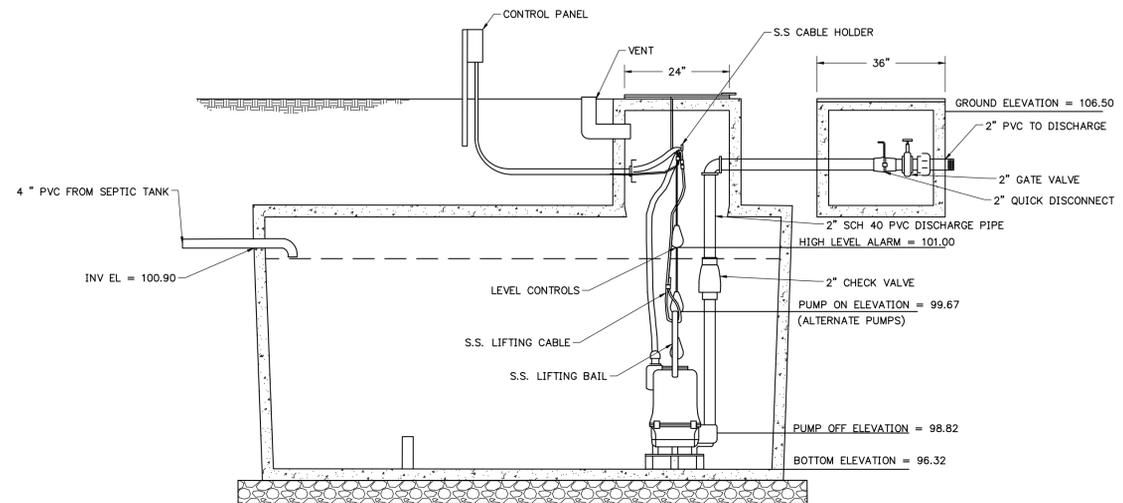
END VIEW



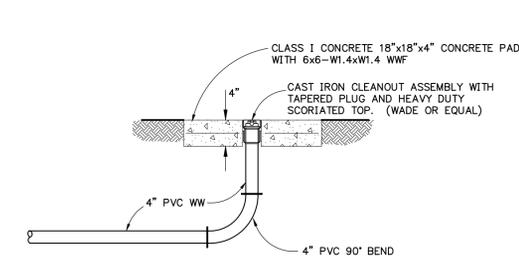
2700 GALLON DOSING TANK
N.T.S.

| PUMP CHARACTERISTICS | |
|--|---------------------------------------|
| TWO (2) EFFLUENT PUMPS SPD50-H - HYDROMATIC PUMPS 111 GPM @ 30.00' TDH | |
| MOTOR: | 1 HP, 3,450 RPM 1 PHASE, 230 VOLTS |
| DISCHARGE SIZE: | 2" VERTICAL |
| IMPELLER: | N/A |
| OPERATION: | AUTOMATIC |

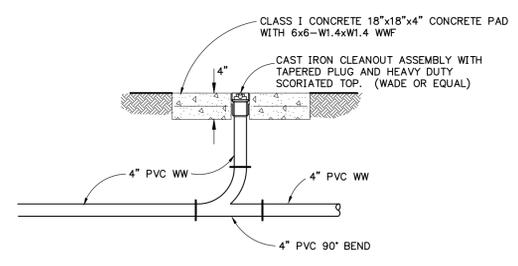
EFFLUENT PUMPS
N.T.S.



SYSTEM 1 DRAINFIELD SECTION



WASTEWATER END-LINE CLEANOUT DETAIL
N.T.S.



WASTEWATER IN-LINE CLEANOUT DETAIL
N.T.S.

FIRE PROTECTION NOTES

- THE DEVELOPMENT SHALL COMPLY WITH THE FLORIDA FIRE PREVENTION CODE. [GAINESVILLE FIRE PREVENTION AND PROTECTION CODE SECTION 10-5(A) & (B)]
- FIRE HYDRANTS AND STABILIZED SURFACES SHALL BE IN SERVICE PRIOR TO THE ACCUMULATION OF COMBUSTIBLES ON SITE. [GAINESVILLE FIRE PREVENTION AND PROTECTION CODE SECTION 10-9 (NFPA 1-16.4.3)]
- IN-BUILDING PUBLIC SAFETY RADIO ENHANCEMENT SYSTEMS SHALL BE PROVIDED IN ALL BUILDINGS WHERE MINIMUM RADIO SIGNAL STRENGTH FOR COMMUNICATIONS IS NOT ACHIEVED AT A LEVEL DETERMINED BY THE AHJ. IT IS HIGHLY RECOMMENDED THAT DEVELOPERS EVALUATE AND ADDRESS THE POTENTIAL NEED FOR IBPRES IN THE EARLY STAGES OF PROJECT PLANNING. FOR ADDITIONAL SPECIFIC REQUIREMENTS PERTAINING TO SIGNAL STRENGTH, COVERAGE, MAINTENANCE AND TESTING REFER TO NFPA 72-14.4.12 AND 24.5.2. [GAINESVILLE FIRE PREVENTION AND PROTECTION CODE SECTION 10-9 (NFPA 1-11.10)]
- THE OWNER OR THE OWNER'S AUTHORIZED AGENT SHALL DEVELOP A FIRE SAFETY PROGRAM TO ADDRESS ALL ESSENTIAL FIRE AND LIFE SAFETY REQUIREMENTS FOR THE DURATION OF DEMOLITION, ALTERATION AND CONSTRUCTION. AS SPECIFIED IN THE FLORIDA FIRE PREVENTION CODE, INCLUDING NFPA 241, THE FIRE SAFETY PROGRAM SHALL INCLUDE AN EMERGENCY RESPONSE PLAN, AS WELL AS IDENTIFYING FIRE PREVENTION PRECAUTIONS, SITE AND BUILDING EMERGENCY ACCESS ROUTES, TEMPORARY AND PERMANENT WATER SUPPLIES, BUILDING EGRESS ROUTES, GOOD HOUSEKEEPING PRACTICES, AND FIRE PROTECTION SYSTEM INSTALLATION AND MAINTENANCE. [GAINESVILLE FIRE PREVENTION AND PROTECTION CODE SECTION 10-9 (NFPA 1-16)]

| REVISIONS | | | |
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ENGINEER OF RECORD: **TIMOTHY J. BOEHLEIN, P.E.**
FLORIDA LICENSE NO. 96416

06/11/2025

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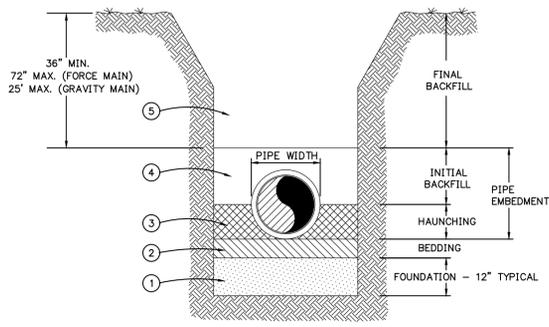
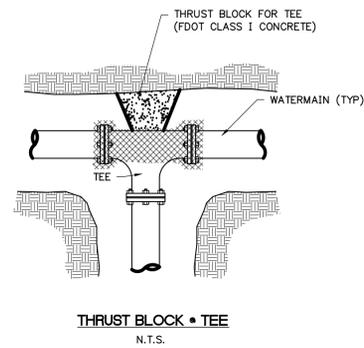
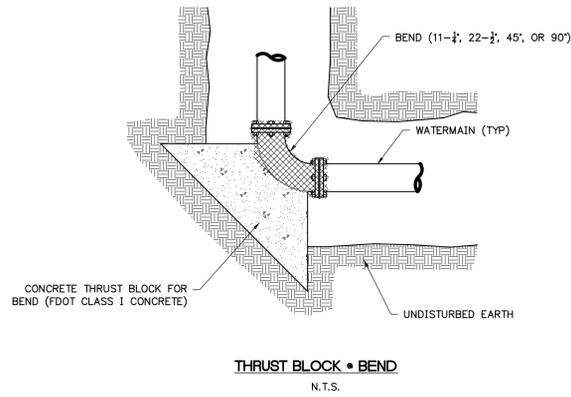
SHEET TITLE: **UTILITY DETAILS AND NOTES**

PROJECT: **MICANOPY AREA COOPERATIVE SCHOOL INC. MACS PRE-K BUILDING EXPANSION**

DATE: **JUNE 2025**

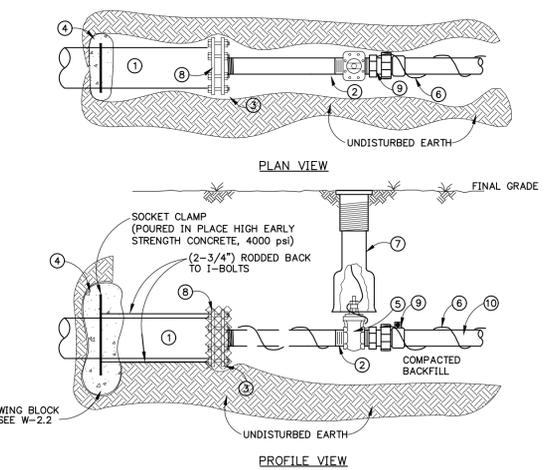
PROJECT NO: **0802-24-001**

SHEET NO: **C4.01**



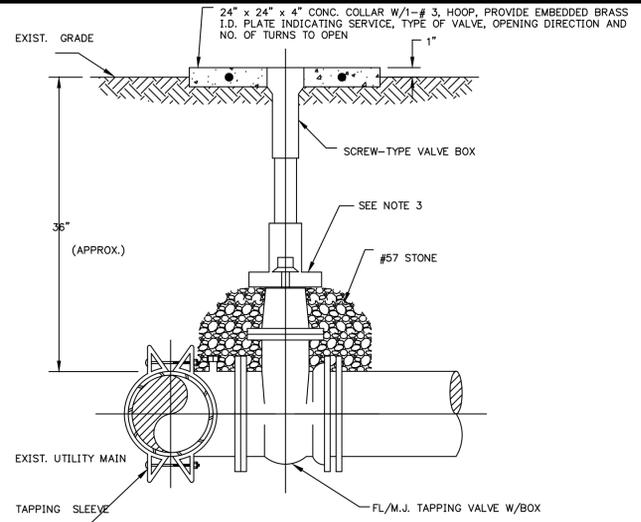
- NOTES:
- A FOUNDATION MAY BE REQUIRED IN VERY POOR SOIL CONDITIONS. FIELD DETERMINATION WILL BE PROVIDED BY GRU INSPECTOR. TYPICAL FOUNDATION THICKNESS SHALL BE 12", BUT MAY VARY ACCORDING TO NATURAL MATERIAL.
 - BEDDING IS REQUIRED PRIMARILY TO BRING THE TRENCH BOTTOM UP TO GRADE. BEDDING MATERIALS SHALL PROVIDE A UNIFORM AND ADEQUATE LONGITUDINAL SUPPORT UNDER THE PIPE. IN DRY SOIL CONDITIONS CLASS II OR CLASS III MATERIAL SHALL BE HAND PLACED 4" TO 6", LIGHTLY COMPACTED, UNIFORM AND NOT FINER THAN THE FOUNDATION MATERIAL. IN WET SOIL CONDITIONS CLASS I, CLASS II OR CLASS III SHALL BE HAND PLACED, 4" TO 6", UNIFORM AND NOT FINER THAN THE FOUNDATION MATERIAL. WHEN UTILIZING CLASS I MATERIAL, SUFFICIENT AMOUNTS OF CLASS II OR CLASS III MATERIAL SHALL BE ADDED TO FILL ALL VOIDS CREATED BY THE CLASS I MATERIAL.
 - HAUNCHING MATERIAL SHALL BE HAND PLACED TO THE SPRINGLINE OF THE PIPE. CLASS II OR CLASS III MATERIAL SHALL BE CONSOLIDATED UNDER THE PIPE AND HAND TAMPED TO PROVIDE ADEQUATE SIDE SUPPORT.
 - INITIAL BACKFILL MATERIAL SHALL BE CLASS II OR CLASS III. IT SHALL BE HAND PLACED TO 12", ABOVE THE TOP OF THE PIPE. THE SOIL SHALL BE CONSOLIDATED BY HAND TAMPING OR WALKING THE SOIL IN PLACE.
 - FINAL BACKFILL MATERIAL MAY BE MACHINE PLACED. THE MATERIAL SHALL BE CLASS II OR CLASS III MATERIAL. CLASS IV MATERIAL MAY BE INSTALLED OUTSIDE OF THE ROADWAY. FINAL BACKFILL UNDER ROADWAYS MAY REQUIRE SPECIAL COMPACTION AND DENSITY TESTS.

BACKFILLING REQUIREMENTS



| MATERIALS | |
|-----------|---|
| ITEM | DESCRIPTION |
| 1 | 4", 6", 8", 12" PIPE, D.I. OR PVC (DR-18) |
| 2 | 2" x 6" L BRASS NIPPLE INTO VALVE |
| 3 | 2" (TAP) CAP D.I. (THREADED) |
| 4 | CONCRETE THRUST BLOCK (4000 psi) |
| 5 | GATE VALVE, SQUARE NUT, RESILIENT WEDGE |
| 6 | WIRE, COPPER, INSULATED PURPLE, #10 AWG |
| 7 | BOX, VALVE |
| 8 | EBAA MEGA LUG |
| 9 | MIP x PVC COMPRESSION COUPLING FORD CATALOG # 87-77 OR APPROVED EQUAL |
| 10 | PVC PIPE (SCH 80) |

GATE VALVE

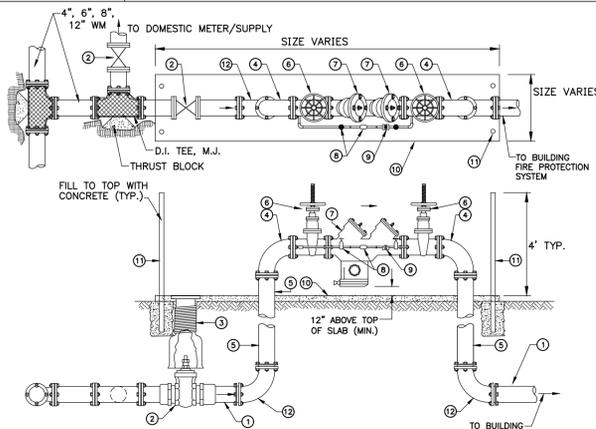


- NOTES:
- RESILIENT WEDGE GATE VALVE SHALL BE EPOXY COATED.
 - TAPPING SLEEVES SHALL BE STAINLESS STEEL.
 - SELF-CENTERING ALIGNMENT RING EQUIVALENT TO AMERICAN FLOW CONTROL.

WET TAP DETAIL

GENERAL NOTES

- FREEZE PROTECTION SHALL BE PROVIDED ON ALL BACKFLOW PREVENTORS.
- OPENINGS AND OUTLETS SHALL BE PROTECTED BY A REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY OR A REDUCED PRESSURE PRINCIPLE FIRE PROTECTION BACKFLOW PREVENTION ASSEMBLY ON POTABLE WATER SUPPLIES.
- PIPING IN A PLUMBING SYSTEM SHALL BE INSTALLED SO AS TO PREVENT STRAINS AND STRESSES THAT EXCEED THE STRUCTURAL STRENGTH OF THE PIPE. WHERE NECESSARY, PROVISIONS SHALL BE MADE TO PROTECT PIPING FROM DAMAGE RESULTING FROM EXPANSION, CONTRACTION AND STRUCTURAL SETTLEMENT.
- HANGERS, ANCHORS AND SUPPORTS SHALL SUPPORT THE PIPING AND THE CONTENTS OF THE PIPING. HANGERS AND STRAPPING MATERIAL SHALL BE OF APPROVED MATERIAL THAT WILL NOT PROMOTE GALVANIC ACTION.



MATERIALS

| ITEM | DESCRIPTION |
|------|---|
| 1 | 2", 3", 4", 6", 8", 10" FIRE MAIN |
| 2 | 2", 3", 4", 6", 8", 10" GATE VALVE, FL X FL (END GRU MAINTENANCE) |
| 3 | VALVE BOX, C.I. |
| 4 | 2", 3", 4", 6", 8", 10" BEND 90° FL X FL |
| 5 | 2", 3", 4", 6", 8", 10" DUCTILE IRON PIPE-FLANGE X P.E. |
| 6 | 2", 3", 4", 6", 8", 10" OS & Y TYPE GATE VALVE |
| 7 | 2", 3", 4", 6", 8", 10" BACKFLOW PREVENTOR (DOUBLE CHECK OR REDUCED PRESSURE) |
| 8 | 3/4" SHUTOFF VALVE AND DETECTION BYPASS METER |
| 9 | 3/4" DETECTOR CHECK VALVE |
| 10 | 4" CONCRETE SLAB (3500 PSI) |
| 11 | 4" GALVANIZED STEEL PIPE (SCH 40) GUARD POST - PAINTED OSHA YELLOW |
| 12 | 2", 3", 4", 6", 8", 10" D.I. 90° BEND M.J. WITH EBAA MEGA LUG |

BACKFLOW PREVENTER

N.T.S.

| REVISIONS | | | |
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| NO. | DATE | DESCRIPTION | DRWN/ APPR |
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SHEET TITLE: **UTILITY DETAILS AND NOTES**

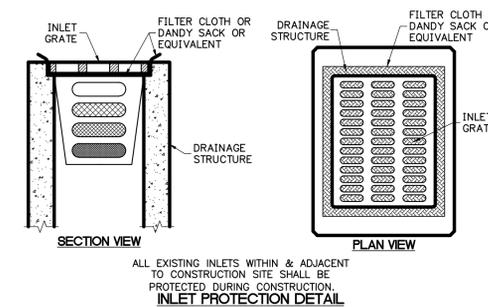
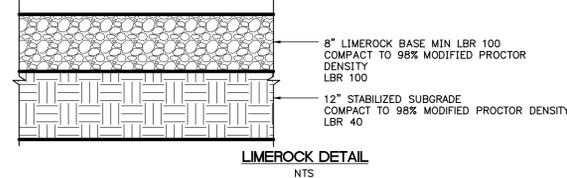
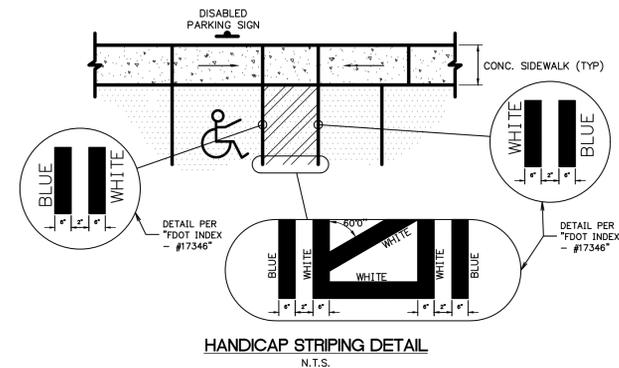
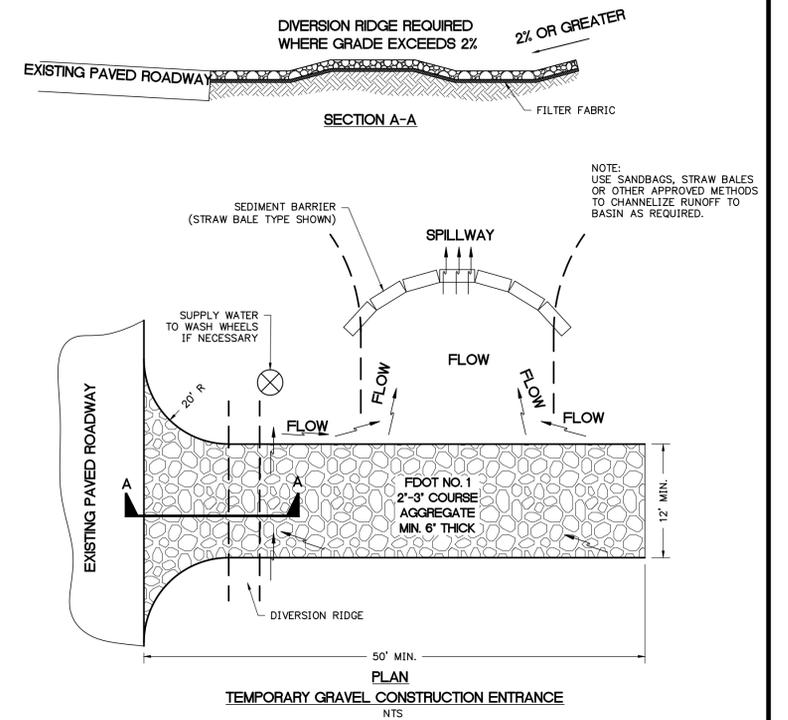
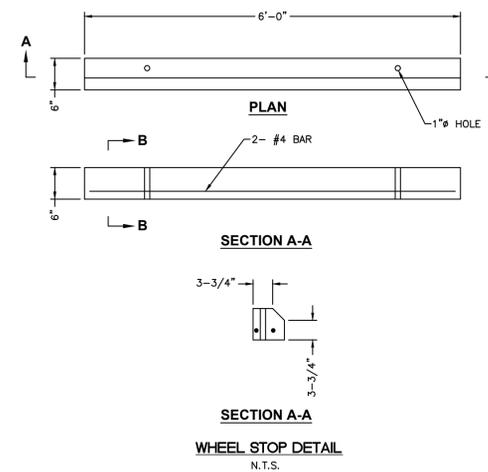
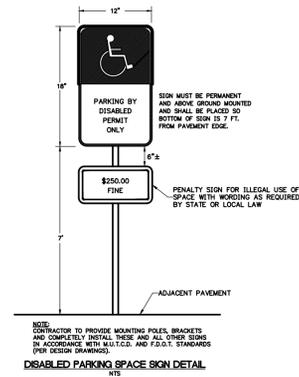
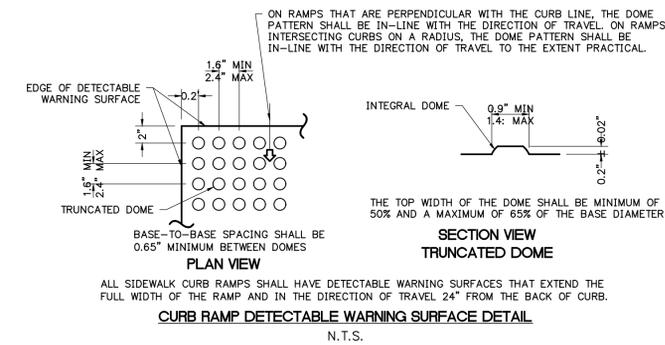
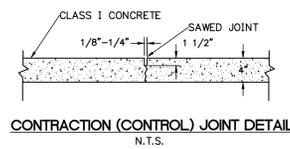
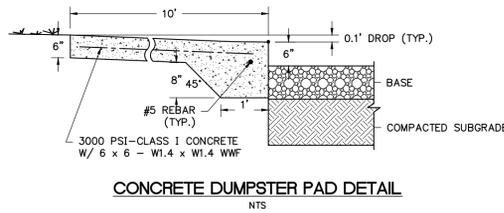
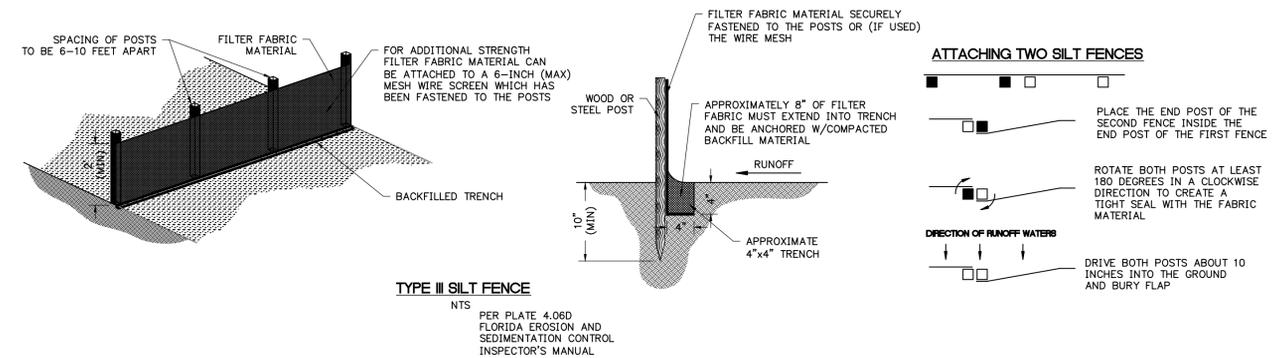
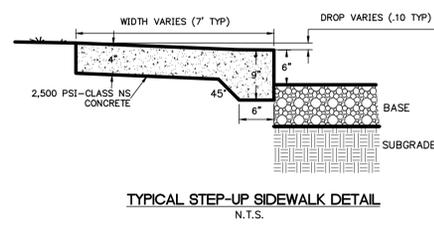
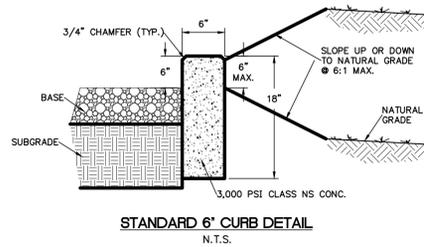
CLIENT: MICANOPY AREA COOPERATIVE SCHOOL INC. MICANOPY, FL

PROJECT: MACS PRE-K BUILDING EXPANSION

DATE: **JUNE 2025**

PROJECT NO: **0802-24-001**

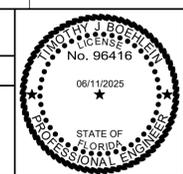
SHEET NO: **C4.02**



- NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

| REVISIONS | | | | DRWN | APPR |
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ENGINEER OF RECORD: **TIMOTHY J. BOEHLEIN, P.E.**
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SHEET TITLE: **DETAILS AND NOTES**

CLIENT: **MICANOPY AREA COOPERATIVE SCHOOL INC.**
PROJECT: **MACS PRE-K BUILDING EXPANSION**

DATE: **JUNE 2025**
PROJECT NO.: **0802-24-001**
SHEET NO.: **C5.00**