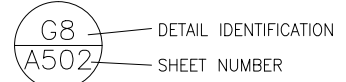


[illegible]

The seal is circular with a double-lined border. The outer ring contains the text "BENJAMIN R. LENNON" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by three stars. The inner circle contains the text "LICENSE" at the top, "No. 78674" in the center, and "STATE OF FLORIDA" at the bottom, also separated by three stars.

THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL.
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED.
THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

DRMP, INC.

1625 SUMMIT LAKE DR., STE 200
TALLAHASSEE, FL 32317
PHONE: (850) 562-9600 FAX: (850) 575-5544
CERTIFICATE OF AUTHORIZATION No. 2648
BENJAMIN R. LENNON, P.E.
LICENSE NO. 78674

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

G100	COVER
G101 - G102	NOTES
G103	EROSION CONTROL NOTES & DETAILS AND SITE VICINITY MAP
C100 - C102	EXISTING CONDITIONS
C103	DEMO AND EROSION CONTROL
C104	GEOMETRY PLAN
C105 - C107	PLAN AND PROFILE
C108	CONCRETE PATH CROSS SECTIONS
C109	CIRCULATION PLAN
D100	DETAILS

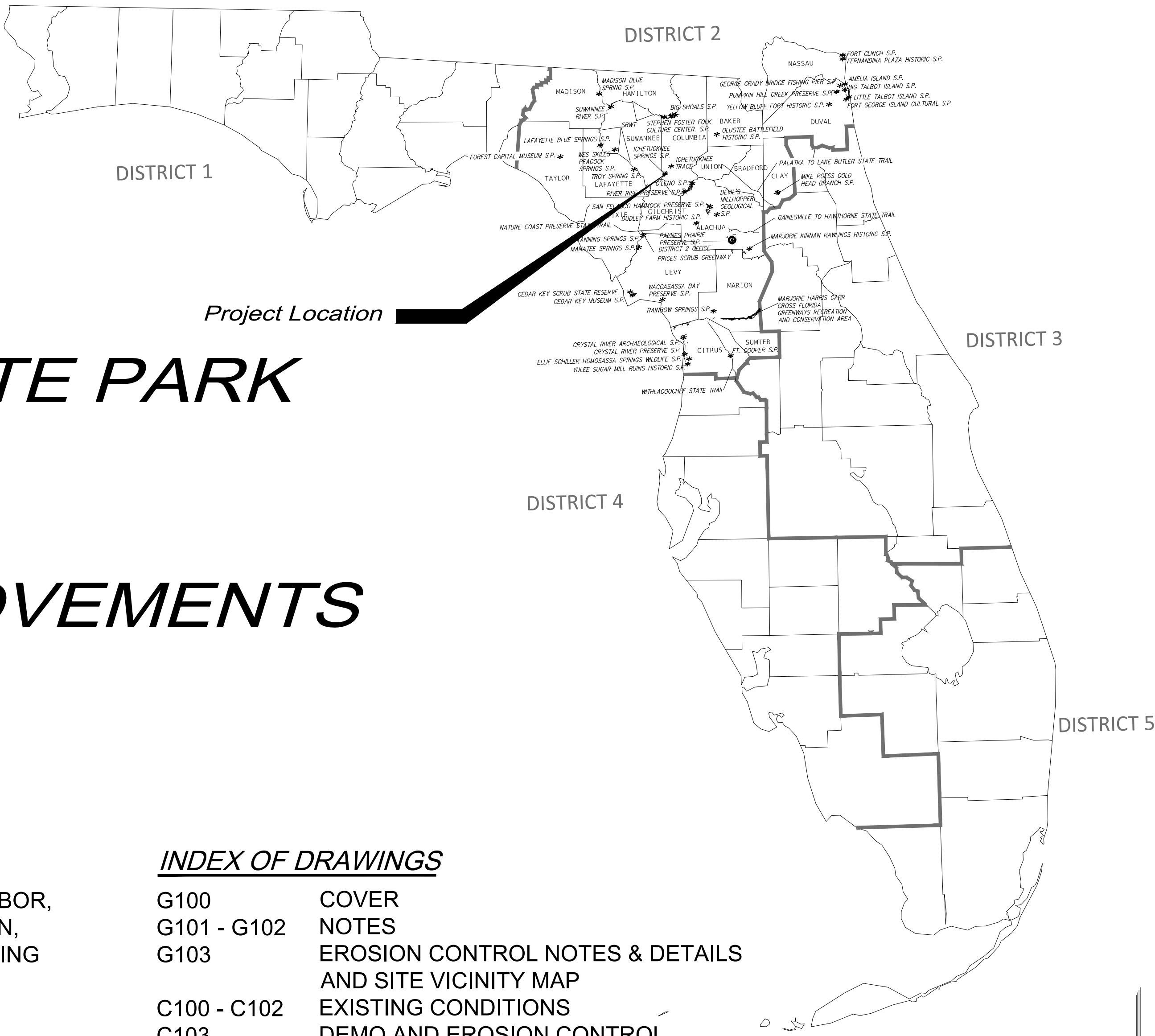
DRMP
DESIGNER

CN225

CONSULTANT CONTRACT No.

6/7/2023

INITIAL ISSUE DATE



ICHETUCKNEE SPRINGS STATE PARK
MID POINT ADA ACCESS IMPROVEMENTS

P:\Projects\A\14-0210.039 - (TA39) - Ichetucknee_Mid_Point\CAAD\COVER.dwg Plotted: Jun 09, 2023 -- 1:44pm by rojertjcm

GENERAL NOTES

1. UNLESS OTHERWISE NOTED, ALL WORK SHALL BE PERFORMED CONSISTENT WITH FDOT DESIGN STANDARDS (LATEST EDITION) AND THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION).
2. IF CONTRACTOR OR THEIR SUBCONTRACTORS DO NOT COMPLY WITH THE REQUIREMENTS OF THESE GENERAL NOTES, SPECIFICATIONS OR AGREEMENT BETWEEN OWNER AND CONTRACTOR, OWNER MAY, BUT IS NOT REQUIRED TO, GIVE WRITTEN NOTICE OF VIOLATION TO CONTRACTOR. SHOULD CONTRACTOR OR ITS SUBCONTRACTORS FAIL TO COMPLY WITH REQUIREMENTS OF THESE GENERAL NOTES WITHIN TWENTY-FOUR (24) HOURS FROM THE TIME OWNER ISSUES SUCH WRITTEN NOTICE OF NONCOMPLIANCE, OR WITHIN THE TIME OF ABATEMENT PERIOD SPECIFIED BY ANY GOVERNMENTAL AGENCY, WHICHEVER PERIOD IS SHORTER, CONTRACTOR SHALL BE IN MATERIAL DEFAULT OF THIS CONTRACT.
3. THE PROJECT DESIGN HAS BEEN BASED UPON FIELD SURVEYS AND SITE VISITS BY J. BROWN PROFESSIONAL GROUP.
4. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE, INCLUDING ALL SURFACE AND SUBSURFACE CONDITIONS, LIMITS OF CONSTRUCTION, WORK REQUIRED AND ALL OTHER CONDITIONS THAT MAY EFFECT THE SUCCESSFUL COMPLETION OF THE PROJECT, PRIOR TO THE COMMENCEMENT OF WORK. IF CONTRACTOR DISCOVERS ANY ERRORS OR OMISSIONS IN THE PLANS OR SPECIFICATIONS, HE SHALL IMMEDIATELY NOTIFY OWNER OR OWNER'S AGENT.
5. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS NOT PROVIDED, GIVE ALL NOTICES REQUIRED BY, AND COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS, AND PERMIT CONDITIONS BEARING ON THE EXECUTION OF PROJECT, AS DRAWN AND SPECIFIED. IF CONTRACTOR OBSERVES THAT THE DRAWINGS OR SPECIFICATION ARE IN VARIANCE WITH ANY APPLICABLE LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS OR PERMIT CONDITIONS, HE SHALL TAKE ANY ACTIONS NECESSARY TO MITIGATE ANY POTENTIAL DAMAGE, AND PROMPTLY NOTIFY ENGINEER IN WRITING OF SUCH VARIANCE. ANY NECESSARY CHANGES TO THE DRAWING AND SPECIFICATIONS SHALL BE MADE IN ACCORDANCE WITH THE PROVISIONS OF THE AGREEMENT BETWEEN OWNER AND CONTRACTOR.
6. CONTRACTOR SHALL BE RESPONSIBLE TO OWNER AND ENGINEER FOR THE ACTS AND OMISSIONS OF THE CONTRACTOR'S EMPLOYEES, AND ALL SUBCONTRACTORS AND THEIR AGENTS AND EMPLOYEES, AND ANY OTHER PERSONS PERFORMING ANY WORK UNDER THIS CONTRACT BETWEEN OWNER AND CONTRACTOR, FOR THIS PROJECT.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL NECESSARY ARRANGEMENTS WITH ALL GOVERNMENTAL AGENCIES, DEPARTMENT OR BODIES, PUBLIC AND PRIVATE UTILITIES, CARRIERS OR SERVICE COMPANIES, AND CORPORATIONS OWNING OR CONTROLLING ANY ROADWAYS, RAILWAYS, WATER, SEWER, GAS, ELECTRICAL, TELEPHONE OR TELEGRAPH FACILITIES, SUCH AS PAVEMENT, TRACKS, PIPING, WIRES, CABLES, CONDUITS, POLES, GUYS OR OTHER SIMILAR FACILITIES, INCLUDING INCIDENTAL STRUCTURES CONNECTED TO SUCH SERVICES, THAT ARE ENCOUNTERED DURING THE PROJECT, IN ORDER THAT SUCH ITEMS MAY BE PROPERLY PROTECTED, SUPPORTED OR RELOCATED AS NEEDED.
8. UNLESS OTHERWISE SPECIFIED IN THESE GENERAL CONDITIONS, SPECIFICATIONS OR IN THE AGREEMENT BETWEEN OWNER AND CONTRACTOR, ALL CONSTRUCTION IS TO BE GOVERNED BY THE PLANS, SPECIFICATION AND APPLICABLE PERMITS, ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS, PERMIT CONDITIONS AND BUILDING AND SAFETY CODES BEARING ON THE EXECUTION OF THE PROJECT.
9. PRIOR TO PERFORMING ANY WORK WITHIN ANY PUBLIC OR UTILITY RIGHT-OF-WAY OR EASEMENT, CONTRACTOR SHALL OBTAIN AUTHORIZATION AND PERMITS FROM THE APPLICABLE JURISDICTION RESPONSIBLE FOR SUCH RIGHT-OF-WAY OR EASEMENT. ADDITIONALLY, CONTRACTOR SHALL NOTIFY SUNSHINE STATE ONE CALL AT 1 (800) 432-4770 AT LEAST 72 HOURS PRIOR TO DIGGING OR OTHERWISE DISTURBING UTILITIES.
10. CONTRACTOR SHALL PRESERVE AND PROTECT ALL PERMANENT REFERENCE MONUMENTS, CONTROL POINTS, BENCHMARKS AND PROPERTY CORNERS. IN THE EVENT ANY REFERENCE MONUMENTS, CONTROL POINTS, BENCHMARKS OR PROPERTY CORNERS ARE DISTURBED, CONTRACTOR SHALL EMPLOY A FLORIDA REGISTERED LAND SURVEYOR TO RESET OR REPLACE SUCH.
11. THE OWNER, OWNER'S AGENT AND INSPECTORS OF APPLICABLE GOVERNMENT JURISDICTIONS AND AGENCIES SHALL HAVE ACCESS TO THE PROJECT AT ALL TIMES. CONTRACTOR SHALL PROVIDE REASONABLE AND PROPER FACILITIES FOR SUCH ACCESS AND INSPECTION OF THE WORK.
12. CONTRACTOR SHALL COMPLY IN EVERY ASPECT WITH THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA) AS AMENDED AND ALL RULES, STATUTES AND REGULATIONS NOW OR HEREAFTER IN EFFECT UNDER SAID ACT. THE CONTRACTOR FURTHER AGREES TO COMPLY WITH ANY OTHER APPLICABLE FEDERAL, STATE AND LOCAL LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS OR PERMIT CONDITIONS PERTAINING TO JOB SAFETY AND HEALTH, INCLUDING, BUT NOT LIMITED TO CFR 1910 AND 1926.
13. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE BUILDING AND SAFETY CODES, FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS OR PERMIT CONDITIONS, INCLUDING BUT NOT LIMITED TO, LAWFUL ORDERS OF ANY QUASI PUBLIC OR OTHER AUTHORITY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY OR FOR THE PROTECTION AGAINST INJURY, DAMAGE, OR LOSS TO PERSONNEL, EQUIPMENT OR MATERIALS, OR DESIGNED TO PROTECT THE ENVIRONMENT. CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY EXISTING CONDITIONS AND PROGRESS OF THE WORK, ALL REASONABLE AND REQUIRED SAFEGUARDS FOR THE SAFETY AND PROTECTION OF ALL PERSONNEL, EQUIPMENT OR MATERIALS, INCLUDING BUT NOT LIMITED TO, POSTING OF DANGER SIGNS AND OTHER WARNING AGAINST HAZARDS, PROMULGATING SAFETY REGULATIONS AND NOTIFYING OWNERS AND USERS OF ADJACENT UTILITIES OF THE EXISTENCE OF HAZARDS AND SAFETY REGULATIONS.
14. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL REASONABLE AND PRUDENT PRECAUTIONS FOR THE SAFE AND SECURE PROTECTION OF ALL INCOMPLETE WORK, MATERIALS AND EQUIPMENT STORED ONSITE AND OFFSITE, AND ANY UNAUTHORIZED ACCESS TO SUCH.
15. CONTRACTOR SHALL, AT ALL TIMES, UTILIZE ALL NORMALLY ACCEPTED AND REASONABLY EXPECTED SAFETY PRACTICES AND COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS OR PERMIT CONDITIONS, AND GUIDELINES AND RECOMMENDATIONS PERTAINING TO THE SAFE UTILIZATION OF ALL EQUIPMENT AND MATERIALS, AS PUBLISHED BY MANUFACTURER OR SUPPLIER.
16. PRIOR TO INITIATING ANY EXCAVATION (INCLUDING, BUT NOT LIMITED TO, TUNNELS, DITCHES, SWALES, STORMWATER PONDS, CANALS, OR ARTIFICIAL LAKES), CONTRACTOR SHALL REVIEW AND MAKE ARRANGEMENTS TO COMPLY IN EVERY RESPECT WITH THE PROVISIONS OF ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS OR PERMIT CONDITIONS, (INCLUDING BUT NOT LIMITED TO CFR 1926 SUBPART P, OSHA DIRECTIVES CPL 2.69 AND 2.87 AND STATE OF FLORIDA DHR REQUIREMENTS) PERTAINING TO SAFE TRENCHING AND EXCAVATION. CONTRACTOR SHALL INSTALL ALL NECESSARY FENCES AND BARRIERS, AND TAKE ALL OTHER REASONABLE AND PRUDENT STEPS TO ENSURE THAT ACCESS TO EXCAVATIONS BY UNAUTHORIZED INDIVIDUALS IS PREVENTED.

GENERAL NOTES (CONT.)

17. CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS FOR THE SAFETY OF, AND SHALL PROVIDE ALL REASONABLE AND REQUIRED PROTECTION TO PREVENT INJURY, DAMAGE OR LOSS TO:

A. ALL INDIVIDUALS INCLUDING CONTRACTOR'S EMPLOYEES, AND ALL SUBCONTRACTORS AND THEIR AGENTS AND EMPLOYEES, INSPECTORS AND ANY OTHER PERSONS PERFORMING ANY WORK UNDER A CONTRACT WITH THE CONTRACTOR;

B. ALL THE WORK, MATERIALS AND EQUIPMENT TO BE INCORPORATED INTO THE FINAL PRODUCT, WHETHER IN STORAGE ONSITE OR OFFSITE, UNDER THE CARE, CUSTODY OR CONTROL OF THE CONTRACTOR OR ANY OF THE SUBCONTRACTORS; AND

C. OTHER PROPERTY AT THE SITE OR ADJACENT TO THE SITE, INCLUDING BUT NOT LIMITED TO TREES, SHRUBS, LAWNS, WALKS, PAVEMENTS, ROADWAYS, STRUCTURES AND UTILITIES NOT DESIGNATED FOR REMOVAL OR DEMOLITION DURING THE COURSE OF THE PROJECT.

D. ALL DAMAGE OR LOSS TO ANY PROPERTY, UNTIL FINAL ACCEPTANCE OF THE WORK BY THE OWNER, CAUSED IN WHOLE OR IN PART BY THE CONTRACTOR, CONTRACTOR'S EMPLOYEES, ANY SUBCONTRACTORS OR THEIR AGENTS, EMPLOYEES OR OTHER PERSONS PERFORMING WORK UNDER A CONTRACT WITH THE CONTRACTOR FOR WHOSE ACTS ANY OF THEM MAY BE LIABLE, SHALL BE REMEDIED BY THE CONTRACTOR, EXCEPT FOR DAMAGE OR PROPERTY LOSS ATTRIBUTED SOLELY TO THE ACTS OR OMISSIONS OF THE OWNER OR THE ENGINEER, OR ANY SUBCONTRACTORS OR THEIR AGENTS, EMPLOYEES OR OTHER PERSONS PERFORMING WORK FOR THEM, OR FOR WHOSE ACTS ANY OF THEM MAY BE LIABLE, SHALL AND NOT PROPERLY ATTRIBUTABLE IN WHOLE OR IN PART TO THE FAULT OR NEGLIGENCE OF THE CONTRACTOR.
18. ALL INJURY, DAMAGE OR LOSSES TO ANY PERSONNEL, EQUIPMENT, MATERIALS OR PROPERTY, AS NOTED IN THIS PARAGRAPH 18, CAUSED IN WHOLE OR IN PART, THROUGH FAULT OR NEGLIGENCE BY CONTRACTOR, SUBCONTRACTORS, SUPPLIERS OR BY ANYONE FOR WHOSE ACTS ANY OF THEM MAY BE LIABLE, SHALL BE REMEDIED BY THE CONTRACTOR, EXCEPT FOR INJURY, DAMAGE OR LOSS PROPERLY ATTRIBUTABLE SOLELY TO THE ACTS, ERRORS OR OMISSIONS OF OWNER, ENGINEER OR ANYONE EMPLOYED BY THEM, OR FOR THOSE ACTS ANY OF THEM MAY BE LIABLE AND NOT PROPERLY ATTRIBUTABLE IN WHOLE OR IN PART TO THE FAULT OR NEGLIGENCE OF THE CONTRACTOR.
19. UNTIL THE FINAL ACCEPTANCE OF THE PROJECT BY OWNER, CONTRACTOR SHALL HAVE THE COMPLETE CHARGE AND CARE OF, AND SHALL BEAR ALL RISKS AND EXPENSES FOR ANY INJURY, DAMAGE OR LOSS, OR TO ANY PORTION OF THE WORK, ALL MATERIALS STORED ONSITE OR OFFSITE BY THE ACTION OF THE ELEMENTS, OR FROM ANY OTHER CAUSE WHETHER ARISING FROM THE EXECUTION OR NON-EXECUTION OF THE WORK. CONTRACTOR SHALL BEAR ALL EXPENSES FOR ANY REPAIRS, REBUILDING OR RESTORATION, AND MAKE GOOD ALL INJURIES, DAMAGES OR LOSSES TO ANY PORTION OF THE WORK BEFORE FINAL ACCEPTANCE OF THE PROJECT BY OWNER.
20. CONTRACTOR SHALL NOT LOAD, CAUSE OR PERMIT ANY PART OF THE WORK TO BE LOADED SO AS TO ENDANGER SAFETY.
21. THOSE PARTS OF THE WORK IN PLACE, WHICH ARE SUBJECT TO DAMAGE, BECAUSE OF ACTIVITIES OR OPERATIONS BEING CARRIED OUT ADJACENT TO, SHALL BE COVERED, BOARDED UP OR SUBSTANTIALLY ENCLOSED WITH ADEQUATE PROTECTION BY CONTRACTOR AT HIS EXPENSE.
22. PERMANENT OPENINGS USED AS THOROUGHFARES FOR THE INTRODUCTION OF WORK, PERSONNEL, EQUIPMENT AND/OR MATERIALS TO STRUCTURES SHALL HAVE HEADS, JAMBS AND SILLS WELL BLOCKED AND BOARDED BY THE CONTRACTOR. OWNER RETAINS THE AUTHORITY, BUT ASSUMES NO DUTY TO ESTABLISH STANDARDS OF PROTECTION, AND TO REVIEW THE EFFICIENCY OF PROTECTIVE MEASURES TAKEN BY CONTRACTOR.
23. ADEQUATE TRAFFIC CONTROL, BARRICADES AND FLAGMEN SERVICES SHALL BE FURNISHED AND MAINTAINED BY CONTRACTOR AT ALL POINTS WHERE CONVEYING EQUIPMENT ENGAGED ON THE WORK REGULARLY ENTER ONTO, EXITS FROM OR CROSSES TRAFFIC CARRYING ROADS.
24. CONTRACTOR SHALL PROTECT AND KEEP OWNER (INCLUDING THEIR AGENTS AND EMPLOYEES) FREE AND HARMLESS FROM ANY AND ALL LIABILITY, PUBLIC OR PRIVATE, PENALTIES, CONTRACTUAL OR OTHERWISE, LOSSES, DAMAGES, COST, ATTORNEY'S FEES, EXPENSES, CAUSE OF ACTION, CLAIMS OR OTHER JUDGMENTS RESULTING FROM VIOLATIONS UNDER OSHA OR ANY RULES, STATUTES OR REGULATIONS PROMULGATED THERE UNDER, OR ANY FEDERAL, STATE OR LOCAL LAWS OR REGULATIONS PERTAINING TO JOB SAFETY AND HEALTH ARISING OUT OF, OR IN ANY WAY CONNECTED WITH THE PERFORMANCE OF THE WORK OR WORK TO BE PERFORMED ON THIS PROJECT. CONTRACTOR SHALL INDEMNIFY OWNER (INCLUDING THEIR AGENTS AND EMPLOYEES) FROM ANY SUCH CLAIMS, PENALTIES, SUITS OR ACTIONS, PUBLIC OR PRIVATE, ADMINISTRATIVE OR JUDICIAL, INCLUDING BUT NOT LIMITED TO ATTORNEY'S FEES PAID OR INCURRED BY, OR ON BEHALF OF OWNER, JOINTLY OR SEVERALLY, AND/OR THEIR AGENT AND EMPLOYEES. CONTRACTOR FURTHER AGREES IN THE EVENT OF A CLAIMED VIOLATION OF ANY FEDERAL, STATE OR LOCAL SAFETY AND HEALTH LAW OR REGULATION ARISING OUT OF, OR IN ANY WAY CONNECTED WITH THE PERFORMANCE OF THE WORK, OR WORK TO BE PERFORMED ON THIS PROJECT, OWNER MAY IMMEDIATELY TAKE ALL ACTIONS DEEMED NECESSARY TO REMEDY THE CLAIMED VIOLATIONS. ANY AND ALL COST OR EXPENSES PAID OR INCURRED BY OWNER IN TAKING SUCH ACTION SHALL BE BORNE SOLELY BY CONTRACTOR, AND CONTRACTOR AGREES TO PROTECT, HOLD HARMLESS AND INDEMNIFY OWNER AGAINST ANY AND ALL SUCH COST OR EXPENSES.
25. ALL WORK PERFORMED UNDER THIS CONTRACT, AND ALL EQUIPMENT, APPLIANCES, TOOLS AND LIKE ITEMS USED IN THE PERFORMANCE OF THE WORK SHALL CONFORM TO ALL APPLICABLE BUILDING AND SAFETY CODES, AND REGULATIONS OF ANY PUBLIC OR OTHER AUTHORITY HAVING JURISDICTION. IN THE EVENT OF CONFLICTING REQUIREMENTS, THE MORE STRINGENT INTERPRETATION OR REGULATION SHALL APPLY.
26. "HAZARDOUS MATERIALS" MEANS ANY SUBSTANCE WHICH:

A. THE PRESENCE OF REQUIRES INVESTIGATION OR REMEDIATION UNDER ANY PRESENT FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS OR PERMIT CONDITIONS, OR

B. IS OR BECOMES DEFINED AS A "HAZARDOUS WASTE", "HAZARDOUS SUBSTANCE", POLLUTANT OR CONTAMINATE UNDER ANY PRESENT FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS OR PERMIT CONDITIONS OR AMENDMENTS, INCLUDING BUT NOT LIMITED TO, THE 1980 COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA) AND/OR THE 1976 RESOURCE CONSERVATION AND RECOVERY ACT (RCRA), OR

C. IS TOXIC, EXPLOSIVE, CORROSIVE, FLAMMABLE, INFECTIOUS, RADIOACTIVE, CARCINOGENIC, MUTAGENIC OR OTHERWISE HAZARDOUS AND IS REGULATED BY ANY GOVERNMENTAL AUTHORITY, AGENCY, DEPARTMENT, COMMISSION, BOARD OR INSTRUMENTALITY OF THE UNITED STATES, THE STATE(S) IN WHICH THE PROJECT IS LOCATED OR ANY POLITICAL SUBDIVISION THEREOF, OR

D. THE PRESENCE OF ON THE PREMISES CAUSES OR THREATENS TO CAUSE A NUISANCE UPON THE PREMISES OR TO ADJACENT PROPERTIES OR POSES OR THREATENS TO POSE A HAZARD TO THE HEALTH OR SAFETY OF PERSONS ON OR ABOUT THE PREMISES, OR

E. THE PRESENCE OF ON THE PREMISES CAUSES OR THREATENS TO CAUSE A NUISANCE UPON THE PREMISES OR TO ADJACENT PROPERTIES OR POSES OR THREATENS TO POSE A HAZARD TO THE ENVIRONMENT, OR

F. CONTAINS GASOLINE, DIESEL FUEL OR OTHER PETROLEUM HYDROCARBONS, OR

G. CONTAIN POLYCHLORINATED BIPHENYLS (PCB'S), ASBESTOS, MERCURY, LEAD OR UREA FORMALDEHYDE FOAM INSULATION.

SHEET NO.		G101	
PROJECT TITLE ICHETUCKNEE SPRINGS STATE PARK MID POINT ADA ACCESS IMPROVEMENTS		NOTES	
SHEET TITLE 12087 SOUTHWEST U.S. 27, FORT WHITE, FL 32038		DESIGNER : BRL DRAWN BY: RAJ REVIEWED BY: RAJ Consultant :	
PROFESSIONAL REGISTRATION BENJAMIN R. LENNON, P.E. FLORIDA ENGINEER #78674		ISSUE DATE: 6/7/2023 COMP. FILE NO.: 14-0210.039 STATE PROJECT NO.: 61361C	
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Department of Environmental Protection Office of Operations Bureau of Design and Construction 3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300			
DRMP ENGINEER - DESIGNER - PLANNER - AGENT Certificate of Authorization No. 2648 Tallahassee, Florida 32317 Phone 850.562.9600 WWW.DRMP.COM			

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GENERAL NOTES (CONT.)

27. CONTRACTOR AND ITS SUBCONTRACTORS SHALL PROPERLY USE, HANDLE, TRANSPORT AND DISPOSE OF ALL HAZARDOUS MATERIALS IN COMPLIANCE WITH ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS OR PERMIT CONDITIONS, INCLUDING BUT NOT LIMITED TO, LAWFUL ORDERS OF ANY QUASI PUBLIC OR OTHER AUTHORITY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY OR FOR THE PROTECTION AGAINST INJURY, DAMAGE, OR LOSS TO PERSONNEL, EQUIPMENT OR MATERIALS, OR DESIGNED TO PROTECT THE ENVIRONMENT.
28. CONTRACTOR FURTHER AGREES THAT CONTRACTOR AND ITS SUBCONTRACTORS SHALL NOT CAUSE THE IMPROPER DISCHARGE, RELEASE OR DISPOSAL OF ANY HAZARDOUS MATERIALS OR SUBSTANCES CREATED BY ITS WORK ON OR ABOUT THE JOB SITE. IN THE EVENT OF ANY SPILL, RELEASE OR ANY OTHER REPORTABLE OCCURRENCE, CONTRACTOR SHALL TAKE ALL SUCH ACTIONS AS MAY BE NECESSARY TO MINIMIZE THE DELETERIOUS EFFECTS OF SUCH SPILL ON ANY PERSON OR PROPERTY, NOTIFY THE APPROPRIATE GOVERNMENTAL AGENCY AND NOTIFY OWNER IN WRITING.
29. CONTRACTOR AND ITS SUBCONTRACTORS SHALL, UPON COMPLETION OF PERFORMANCE OF ALL DUTIES UNDER THIS PROJECT, REMOVE ALL SUPPLIES, MATERIALS AND WASTE CONTAINING HAZARDOUS MATERIALS FROM THE JOB SITE. CONTRACTOR SHALL BEAR ALL FINANCIAL RESPONSIBILITY, BETWEEN THE PARTIES OF THE CONTRACT, FOR COMPLIANCE WITH THE PROVISIONS OF THESE GENERAL NOTES, SPECIFICATIONS OR AGREEMENT BETWEEN OWNER AND CONTRACTOR.
30. CONTRACTOR AGREES TO INDEMNIFY, DEFEND, PROTECT AND HOLD HARMLESS OWNER FROM AND AGAINST ANY CLAIMS INCLUDING, WITHOUT LIMITATION, ACTUAL ATTORNEY'S FEES AND ANY COST OF INVESTIGATION, SOIL TESTING, GOVERNMENTAL APPROVALS, REMEDIATION AND CLEANUP ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE FAILURE OF CONTRACTOR OR ITS SUBCONTRACTORS, OR THEIR AGENTS, EMPLOYEES, OFFICERS OR REPRESENTATIVES, TO COMPLY WITH THE TERMS OF THESE GENERAL NOTES.
31. SHOULD THE CONTRACTOR OR ITS SUBCONTRACTORS DISCHARGE, RELEASE OR DISPOSE OF ANY HAZARDOUS MATERIALS ON OR ABOUT THE JOB SITE IN VIOLATION OF THESE GENERAL NOTES, SPECIFICATIONS OR AGREEMENT BETWEEN OWNER AND CONTRACTOR OR IN THE EVENT OF ANY SPILL, RELEASE OR ANY REPORTABLE OCCURRENCES, CONTRACTORS SHALL IMMEDIATELY TAKE SUCH ACTIONS AS MAY BE NECESSARY TO MINIMIZE THE DELETERIOUS EFFECTS OF SUCH SPILLS ON PERSONS, PROPERTY OR THE ENVIRONMENT, NOTIFY THE APPROPRIATE GOVERNMENTAL AGENCY AND INFORM THE OWNER IN WRITING.
32. IN THE EVENT CONTRACTOR OR ANY OF ITS SUBCONTRACTORS ENCOUNTER ON THE PREMISES ANY PIPELINE, UNDERGROUND STORAGE TANK OR OTHER CONTAINER OF ANY KIND, THAT MAY CONTAIN A HAZARDOUS MATERIAL, OR ENCOUNTER ANY MATERIAL REASONABLY BELIEVED TO BE A HAZARDOUS MATERIAL, CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AREA AFFECTED AND REPORT THE CONDITION TO THE OWNER IN WRITING.
33. MENTION OF A MANUFACTURER'S PROPRIETARY PRODUCT ON THESE PLANS IS TO ESTABLISH TYPE AND QUALITY ONLY. OTHER MANUFACTURER'S PRODUCTS OF SIMILAR QUALITY TYPE AND QUANTITY WILL ALSO BE CONSIDERED.
34. CONTRACTOR SHALL PROVIDE AS BUILT PLANS CERTIFIED BY A FLORIDA LICENSED SURVEYOR.
35. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND ACCEPTING THE EXISTING CONDITIONS OF THE SITE PRIOR TO BIDDING.
36. ALL DISTURBED AREAS WITHIN THE LIMITS OF RESTORATION SHALL BE REVEGETATED WITH A NATIVE SEED MIX.
37. EXISTING UNDERGROUND UTILITIES SHOWN ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL ENSURE THAT THE UTILITY SYSTEMS DO NOT CONFLICT WITH THE PROPOSED PROJECT. CONFLICTS SHALL BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.
38. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. REMOVAL AND/OR RELOCATION OF EXISTING UTILITIES IN CONFLICT WITH THE WORK, CONSTRUCTION OF TEMPORARY UTILITIES IN THE EVENT THAT EXISTING UTILITY SERVICE MUST BE INTERRUPTED AND ANY OTHER CONSTRUCTION RELATED ACTIVITIES THAT MAY AFFECT EXISTING OR PROPOSED UTILITIES. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON INFORMATION PROVIDED BY THE UTILITY OWNERS, AVAILABLE RECORDS, AND SURVEYED FIELD INFORMATION. THE INFORMATION MAY NOT REFLECT ACTUAL CONDITIONS, INCLUDE ALL UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED, OR SHOW THE UTILITIES IN THE CORRECT HORIZONTAL OR VERTICAL LOCATIONS. THE CONTRACTOR WILL MAKE HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UTILITIES AS NECESSARY TO ESTABLISH THEIR LOCATIONS AND AVOID DAMAGE.
39. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING ALL GRADE STAKES, LINES, AND LEVELS
40. THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS UNLESS OTHERWISE SPECIFIED OR SHOWN. SEED MIX SHALL BE NATIVE VEGETATION AND SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION.
41. NO SEPARATE PAYMENT WILL BE MADE FOR DEWATERING. THE COSTS FOR DEWATERING ARE INCLUDED IN THE UNIT PRICES FOR CONSTRUCTING THIS PROJECT.
42. ALL AREAS, STREETS, DRIVEWAYS, PARKING LOTS, ETC. DISTURBED BY CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL OR BETTER CONDITION.
43. THE CONTRACTOR WILL HAVE ALL REQUIRED PERMITS IN-HAND PRIOR TO BEGINNING CONSTRUCTION, AND WILL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMITS OBTAINED BY THE OWNER AND THOSE PERMITS OBTAINED BY THE CONTRACTOR.
44. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR WILL SUBMIT TO THE OWNER'S PROJECT MANAGER A SCHEDULE OF VALUES, A CONSTRUCTION SCHEDULE, AND A SAFETY PLAN.
45. THE CONSTRUCTION SCHEDULE WILL DESCRIBE IN DETAIL HOW THE CONSTRUCTION IS TO BE PHASED, ESTABLISH START AND FINISH DATES FOR ALL SIGNIFICANT CONSTRUCTION ACTIVITIES, AND IDENTIFY ALL CONTROLLING ITEMS OF WORK. THE SCHEDULE IS TO BE APPROVED BY THE OWNER'S PROJECT MANAGER, AND WILL BE UPDATED ON A MONTHLY BASIS TO REFLECT ACTUAL WORK PROGRESS. PAYMENT FOR PREPARING, UPDATING AND SUBMITTING THE SCHEDULE WILL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION OR OTHER PAY ITEMS AS APPROPRIATE.
46. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN FOR APPROVAL BY THE OWNER'S PROJECT MANAGER AND WILL ADDRESS THE INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT SEDIMENT AND EROSION CONTROL DEVICES TO BE USED DURING EACH PHASE OF CONSTRUCTION, INCLUDING TREE REMOVAL, CLEARING AND GRUBBING, EXCAVATION, HAULING OF EXCAVATED MATERIALS, AND PLACEMENT OF EMBANKMENT AND BACKFILL. THE PLAN ALSO WILL DETAIL THE EROSION CONTROL MEASURES TO BE EMPLOYED AT ALL STOCKPILE AND CONSTRUCTION STAGING AREAS AND WILL DEFINE THE MAXIMUM LIMITS OF ALL ACTIVE CONSTRUCTION ZONES.
47. ANY NATIONAL GEODETIC SURVEY MONUMENT WITHIN THE LIMITS OF CONSTRUCTION MUST BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE PROJECT MANAGER AND:

FDEP, BUREAU OF SURVEY AND MAPPING, GIS 105 3900 COMMONWEALTH BLVD.
TALLAHASSEE, FLORIDA 32399
(850) 245-2606 (OFFICE)
(850) 245-2645 (FAX)

GENERAL NOTES (CONT.)

48. PRIOR TO ANY SCHEDULED INTERRUPTION OF UTILITY SERVICE, THE CONTRACTOR WILL COORDINATE SUCH INTERRUPTION WITH THE UTILITY PROVIDER AND WILL PROVIDE A MINIMUM 24-HOUR NOTICE TO THE AFFECTED PARTIES. THE CONTRACTOR WILL NOTIFY THE ELECTRIC UTILITY A MINIMUM OF TWO WEEKS PRIOR TO CONSTRUCTION IN THE VICINITY OF THEIR FACILITIES.
49. NO TRENCHES WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT.
50. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF VEGETATION ON AND ADJACENT TO THE PROJECT SITE, AND WILL BE SOLELY LIABLE FOR DAMAGE TO VEGETATION ON PROPERTIES ADJACENT TO CONSTRUCTION WORK ZONES. ALL TREES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED EXCEPT THOSE TREES IDENTIFIED ON THE PLANS TO BE REMOVED. ALL TREES OUTSIDE THE CONSTRUCTION WORK ZONE ARE TO BE PROTECTED TO THE MAXIMUM EXTENT PRACTICABLE. TREE BARRICADES WILL BE INSTALLED AND MAINTAINED AROUND ALL TREES TO BE PROTECTED AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE PROJECT MANAGER.
51. THE CONTRACTOR IS RESPONSIBLE TO PLACE AND MAINTAIN ROADSIDE WARNING SIGNS WHEN WORK IS BEING CONDUCTED IN THE PROPERTY RIGHT OF WAY OR WHEN MACHINERY IS ENTERING AND LEAVING THE PROJECT SITE.
52. THE CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF EXCAVATED MATERIAL OFF-SITE UNLESS OTHERWISE DIRECTED BY THE PROJECT MANAGER.

EROSION CONTROL NOTES

1. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
2. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSPECTED DAILY AND REPAIRS MADE AS NECESSARY TO ENSURE THE PROPER AND CONTINUED FUNCTION OF THE CONTROL(S).
3. ALL EROSION AND SEDIMENTATION CONTROL SHALL REMAIN IN PLACE UNTIL A PERMANENT VEGETATIVE COVER HAS BEEN ESTABLISHED.
4. UNDER NO CIRCUMSTANCES SHALL SEDIMENTS BE PERMITTED TO EXIT THE PROJECT LIMITS, INCLUDING TRACKING BY VEHICLES ONTO PAVED ROADWAYS. THE CONTRACTOR SHALL MAKE IMMEDIATE REPAIRS OR ENHANCEMENTS TO ANY EROSION CONTROL SYSTEM THAT ALLOWS THE RELEASE OF SEDIMENTS.

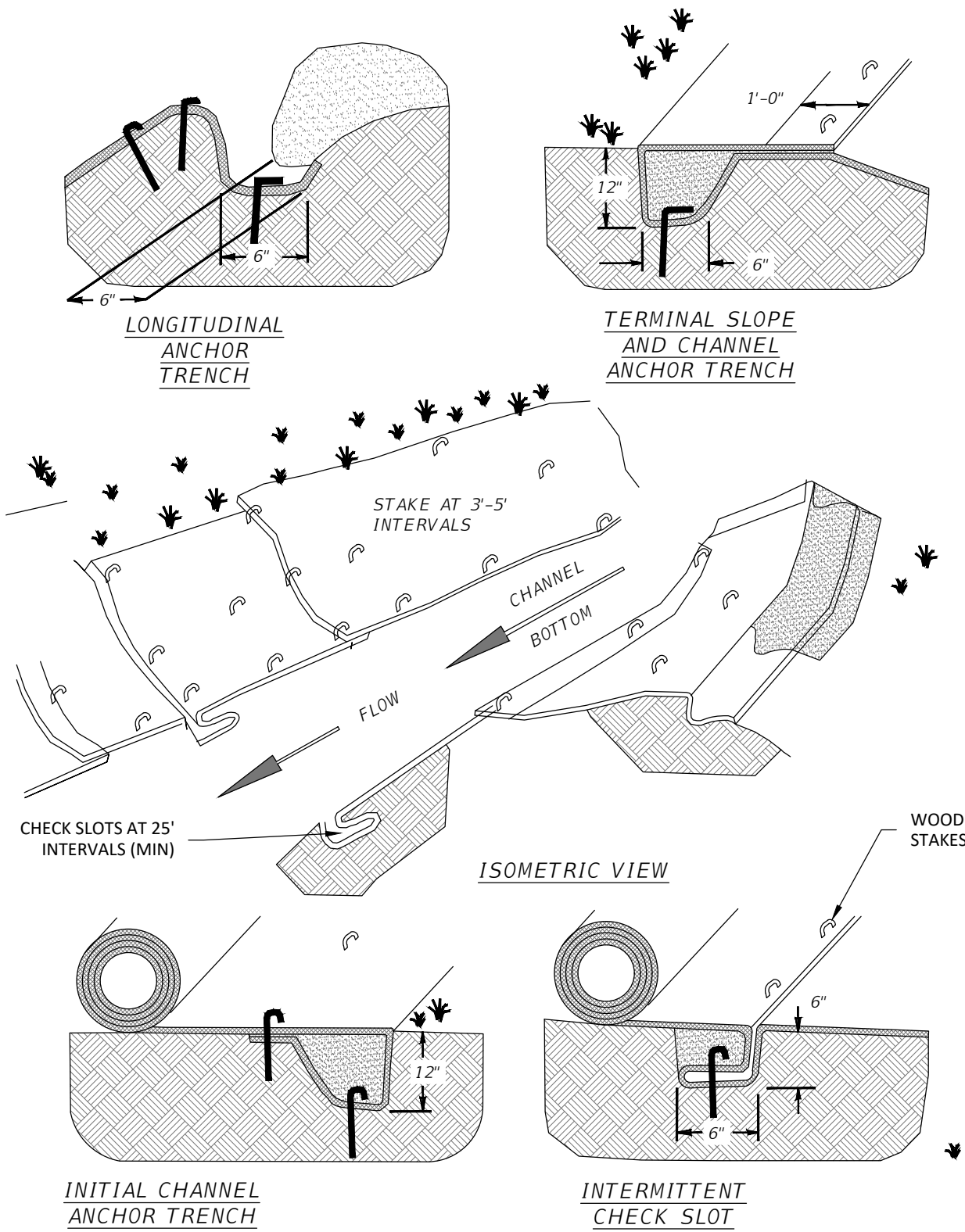
SPECIAL CONSTRUCTION NOTES

1. ALL GROUND DISTURBING ACTIVITIES SHALL BE MONITORED BY A QUALIFIED, PROFESSIONAL ARCHAEOLOGIST. THE PURPOSE OF MONITORING WILL BE TO IDENTIFY ARCHAEOLOGICAL DEPOSITS OR SIGNIFICANT ARTIFACTS THAT MAY BE ENCOUNTERED. SHOULD SIGNIFICANT ARCHAEOLOGICAL DEPOSITS, FEATURES OR ARTIFACTS BE ENCOUNTERED, THE ARCHAEOLOGIST MUST BE EMPOWERED TO DIRECT THE PROJECT ACTIVITIES TO SHIFT AWAY FROM SUCH RESOURCES. THIS DISCRETIONARY POWER WOULD ENABLE THE MONITOR TO CONTACT THE FLORIDA DIVISION OF HISTORICAL RESOURCES AND TO DETERMINE MEASURES THAT MUST BE TAKEN TO AVOID, MINIMIZE ADVERSE EFFECTS TO THE SITE; OR TO PROCEED TO RECOVER THE ARCHAEOLOGICAL RESOURCES IN A PROFESSIONAL MANNER. WHEN THE ARCHAEOLOGIST HAS COMPLETED RECORDATION AND/OR RECOVERY MEASURES THE PROJECT ACTIVITIES WOULD BE ALLOWED TO CONTINUE AS PLANNED. AT COMPLETION OF THE PROJECT, THE ARCHAEOLOGICAL MONITOR MUST COMPILE A REPORT TO BE FORWARDED TO THE FLORIDA DIVISION OF HISTORICAL RESOURCES. IN THE EVENT THAT UNMARKED HUMAN REMAINS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES, ALL WORK SHALL STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH SECTION 872.05, FLORIDA STATUTES.

SHEET NO.		ICHETUCKNEE SPRINGS STATE PARK 12087 SOUTHWEST U.S. 27, FORT WHITE, FL 32038		PROFESSIONAL REGISTRATION BENJAMIN R. LENNON, P.E. FLORIDA ENGINEER #78674		DESIGNER : BRL DRAWN BY: RAJ REVIEWED BY: RAJ		ISSUE DATE: 6/7/2023 COMP. FILE NO.: 14-0210.039 STATE PROJECT No.: 61361C		SYMBOL A B		REVISION		REVISION		DATE	
PROJECT TITLE ICHETUCKNEE SPRINGS STATE PARK MID POINT ADA ACCESS IMPROVEMENTS		NOTES								C D							
 DRMP ENGINEERS • SURVEYORS • PLANNERS • DESIGNERS Certificate of Authorization No. 2648 Tallahassee, Florida 32317 Phone 850.962.9600 WWW.DRMP.COM										<i>Department of Environmental Protection</i> <i>Office of Operations</i> <i>Bureau of Design and Construction</i> <i>3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300</i>							

EROSION CONTROL NOTES

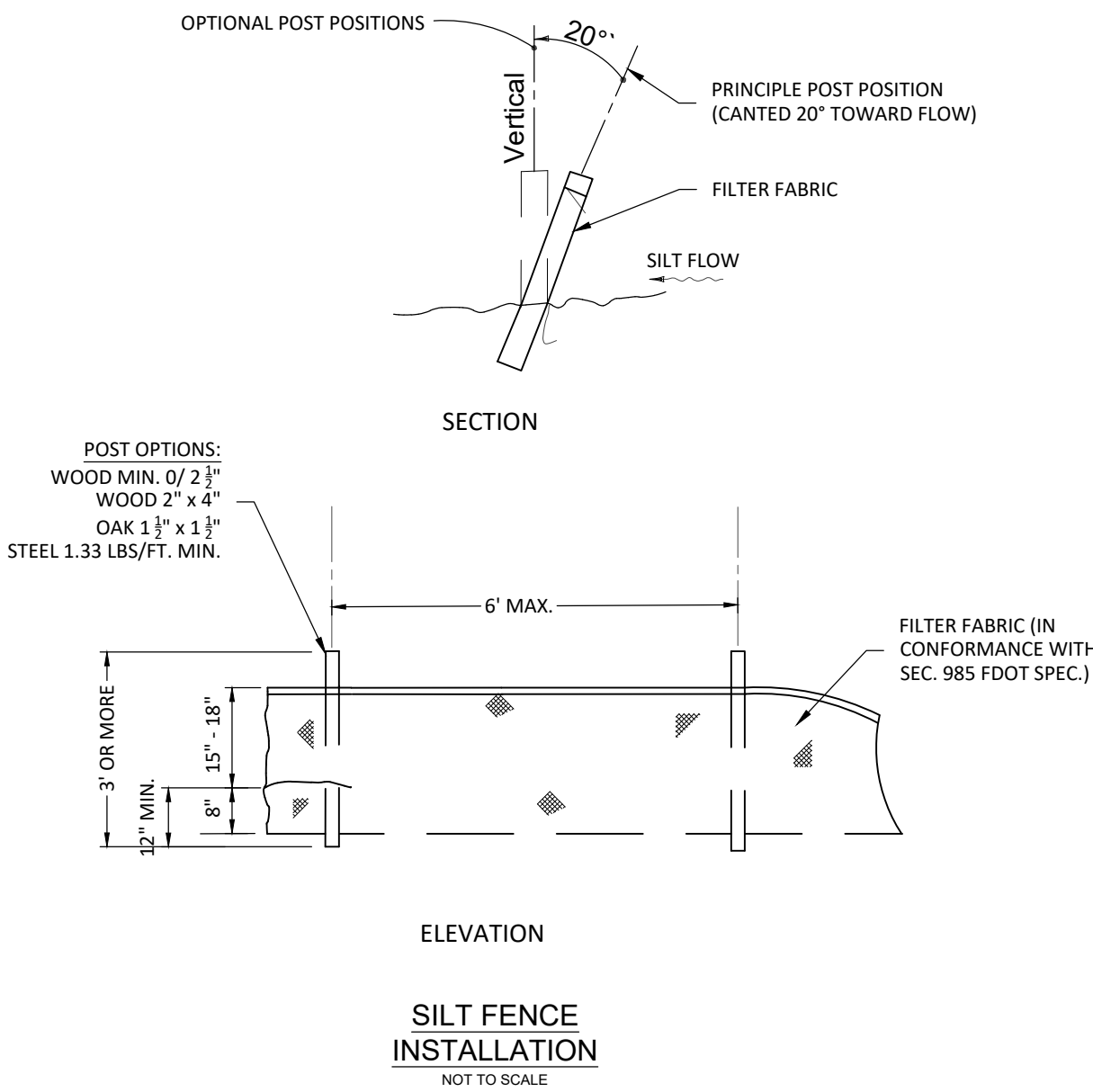
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A NPDES PERMIT OR EXEMPTION PRIOR TO CONSTRUCTION.
- EROSION CONTROL MEASURES ARE TO BE ACCOMPLISHED PRIOR TO ANY CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- ADDITIONAL EROSION CONTROL MEASURES WILL BE EMPLOYED WHERE DETERMINED NECESSARY BY ACTUAL SITE CONDITIONS.
- ALL DEVICES ARE TO BE MAINTAINED AND REPAIRED ON A REGULAR BASIS.
- EXCESS SEDIMENT TO BE REMOVED WHEN SILT REACHES ONE-HALF (1/2) THE HEIGHT OF THE FENCE.
- TEMPORARY GRASSING IS NOT TO BE LESS THAN TWO (2) DAYS AFTER COMPLETION OF ANY GRADING ACTIVITIES.
- ALL DRAINAGE STRUCTURES TO BE EROSION PROOFED IN ACCORDANCE WITH THE LATEST EDITION OF FDOT STANDARD SPECIFICATIONS.
- SILT FENCE MUST MEET THE REQUIREMENTS OF FDOT, STANDARD SPECIFICATIONS, LATEST EDITION.
- PERMANENT VEGETATION SHALL BE INSTALLED AS SOON AS PRACTICAL FOLLOWING FINAL GRADING.
- NOTIFY OWNER'S REPRESENTATIVE 48 HOURS PRIOR TO CONSTRUCTION.
- EROSION CONTROL MEASURES WILL BE INSPECTED AT LEAST WEEKLY AND AFTER EACH RAIN, AND REPAIRED BY THE GENERAL CONTRACTOR AS NEEDED.
- CONTRACTOR TO COMPLETELY SECURE FROM EROSION ANY STOCK PILE OF EARTHEN MATERIALS. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ANY MATERIAL STOCKPILE LOCATIONS PRIOR TO COMMENCING WORK. THE LOCATIONS WILL BE CONFIRMED WITH THE DESIGN ENGINEER AND CONTRACTING OFFICER, AND THE ESPC PLANS WILL BE "REDLINED" WITH APPROPRIATE BMP'S TO REFLECT THE LOCATIONS.
- EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
- ALL DESIGN WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF FDOT.
- ADDITIONAL EROSION CONTROL DEVICES SHALL BE INSTALLED AS REQUIRED BY THE PROJECT ENGINEER, COUNTY REPRESENTATIVE OR AS CONDITIONS MAY DICTATE.
- MAXIMUM CUT OR FILL SLOPES IS 3H:1V.
- MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE CONTRACTOR.
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY VEGETATION OR MULCH IF LAND-DISTURBING ACTIVITIES CEASE FOR MORE THAN 14 CALENDAR DAYS.
- ALL FILL SLOPES SHALL HAVE SILT FENCE PLACED AT THE SLOPE'S TOE.
- THE PROFESSIONAL WHO SEALS THIS PLAN CERTIFIES UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY THE PROFESSIONAL OR THE PROFESSIONAL'S AUTHORIZED AGENT, UNDER THE PROFESSIONAL'S DIRECT SUPERVISION.
- NO WASTE WILL BE DISPOSED INTO STORM WATER INLET OR WATER OF THE STATE.
- IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- ADEQUATE ROOM HAS BEEN PROVIDED WITHIN THE PROJECT LIMITS FOR REMOVAL OF BMP'S.THE CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE/BEYOND THE LIMITS OF CONSTRUCTION/DISTURBANCE TO REMOVE BMP'S.



EROSION CONTROL
MATTING
INSTALLATION DETAIL
NOT TO SCALE

- NOTES:
- CHECK SLOTS TO BE CONSTRUCTED AT 25' INTERVALS.
 - ALL MATTING TO BE SECURED WITH WOODEN STAKES AT 5' INTERVALS.
 - FABRIC OVERLAP WHEN 2 ROWS OF MATERIALS ARE USED SHALL BE PLACED WITH THE UPPER ROW OF MATERIAL PLACED OVER THE LOWER ROW OF MATERIAL.
 - TRENCH MATTING AT TOP AND BOTTOM OF MAT AS SHOWN IN DETAILS.
 - OVERLAP FABRIC IN DIRECTION OF FLOW WITH MATTING UPSTREAM ON TOP OF DOWNSTREAM MAT.

- RESTORATION NOTES:
- ALL DISTURBED SLOPES TO BE SEEDED AND MATTED. SEED MIX SHALL BE TRIPSACUM DACTYLOIDES (EASTERN GAMAGRASS) MIX OR APPROVED EQUAL. APPLICATION RATE IS 20 LBS PER ACRE.
 - EROSION CONTROL MAT TO BE SEMI PERMANENT WOVEN BRISTLE COIR MAT (BIOD-MAT 70 OR APPROVED EQUAL), INSTALLED WITH 12" NOTCHED WOODEN STAKES - SEE INSTALLATION DETAIL THIS SHEET.

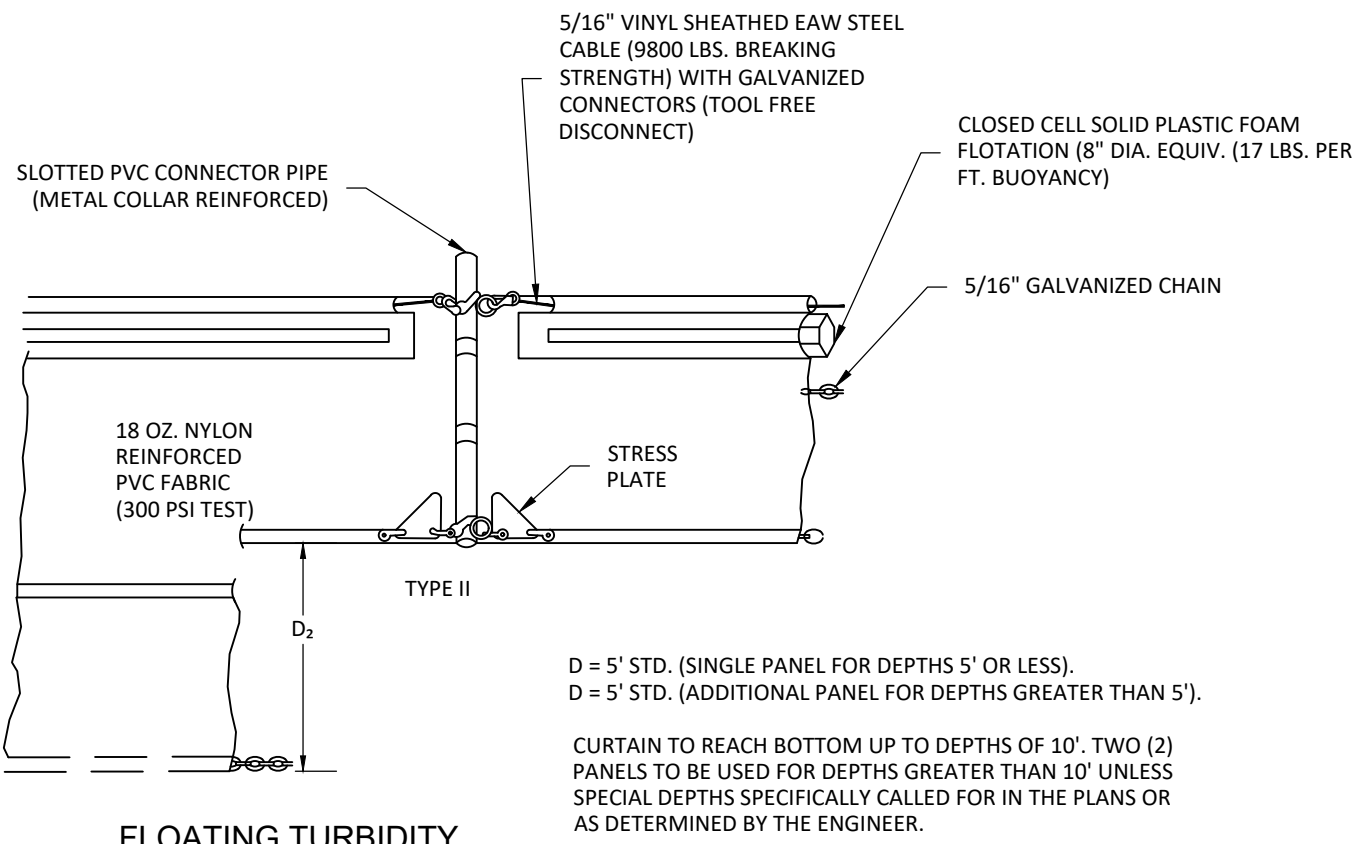


SILT FENCE
INSTALLATION
NOT TO SCALE

VICINITY MAP



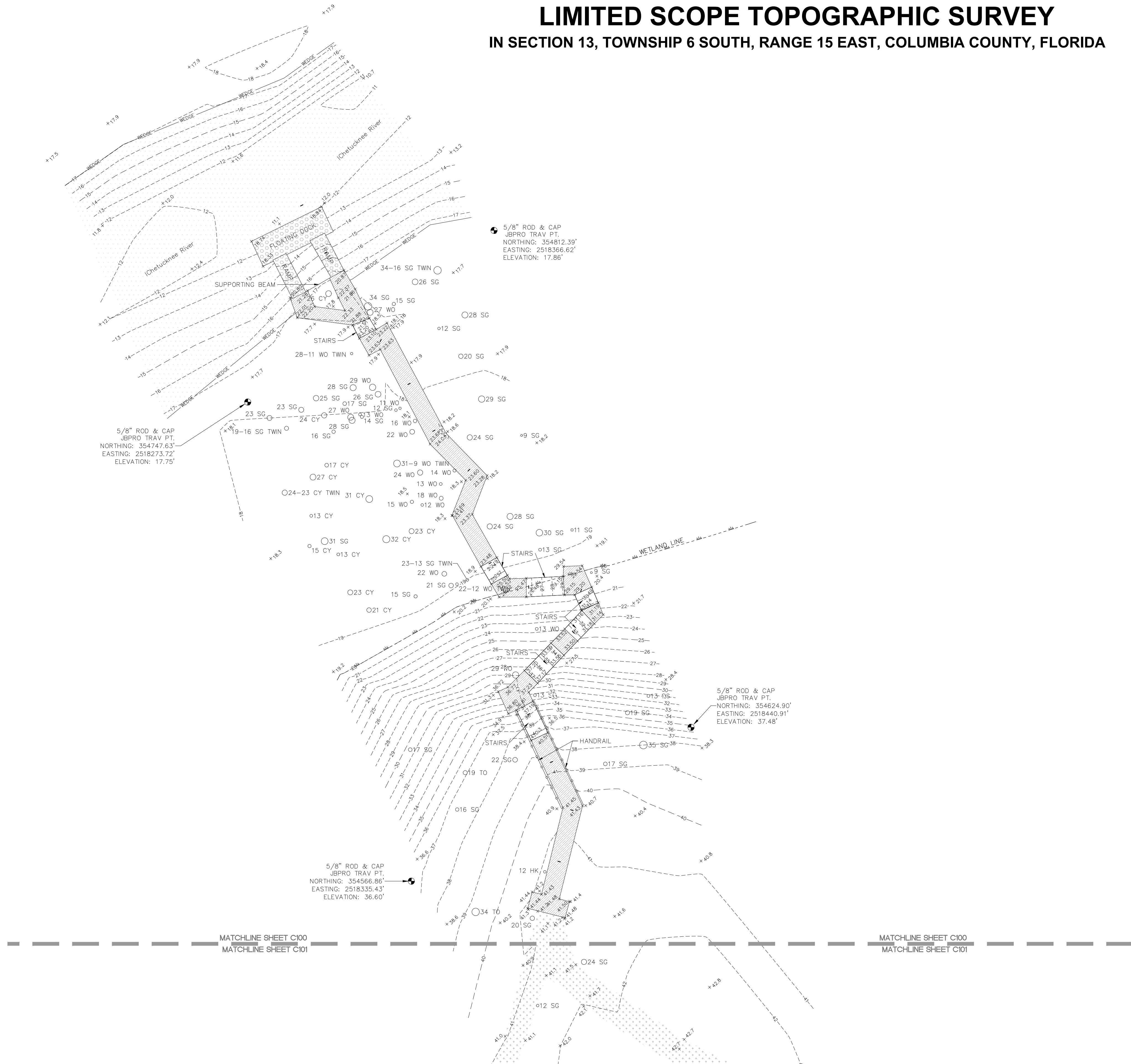
FLOATING TURBIDITY
BARRIER
NOT TO SCALE



D = 5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS).
D = 5' STD. (ADDITIONAL PANEL FOR DEPTHS GREATER THAN 5').
CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10'. TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10' UNLESS SPECIAL DEPTHS SPECIFICALLY CALLED FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER.

DATE	REVISION	SYMBOL	DATE	REVISION	SYMBOL
		(C)			(D)
		(A)			(B)
ISSUE DATE: 6/7/2023	COMP. FILE NO.: 14-0210.039	STATE PROJECT NO.: 61361C	DESIGNER : BRL	DRAWN BY: RAJ	REVIEWED BY: RAJ
Consultant :					
PROFESSIONAL REGISTRATION BENJAMIN R. LENNON, P.E. FLORIDA ENGINEER #78674					
Department of Environmental Protection Office of Operations Bureau of Design and Construction 3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300					
DRMP ENGINEER & SURVEYING PLANNERS & DESIGNERS Certificate of Authorization No. 2648 Tallahassee, Florida 32317 Phone 850.562.9600 WWW.DRMP.COM					
ICHETUCKNEE SPRINGS STATE PARK 12087 SOUTHWEST U.S. 27, FORT WHITE, FL 32038					
EROSION CONTROL NOTES & DETAILS AND SITE VICINITY MAP					
PROJECT TITLE ICHETUCKNEE SPRINGS STATE PARK MID POINT ADA ACCESS IMPROVEMENTS					
SHEET NO. G103					

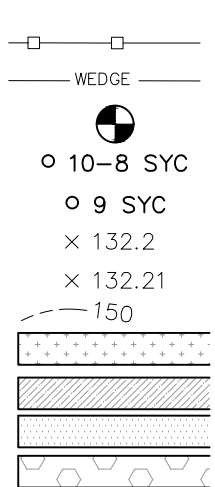
LIMITED SCOPE TOPOGRAPHIC SURVEY



ABBREVIATIONS

EP = EDGE OF PAVEMENT
JBPRO = JBROWN PROFESSIONAL GROUP
LB = LICENSED BUSINESS
TRAV PT = TRAVERSE POINT
NTS = NOT TO SCALE
WEDGE = WATER'S EDGE

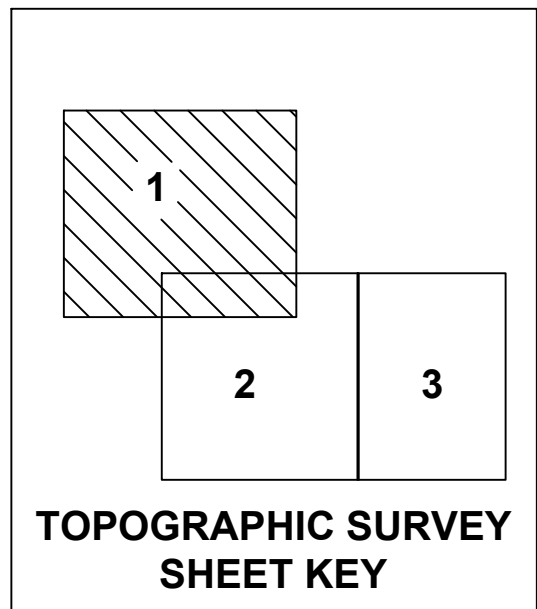
SYMBOL LEGEND



SURVEYOR'S NOTES

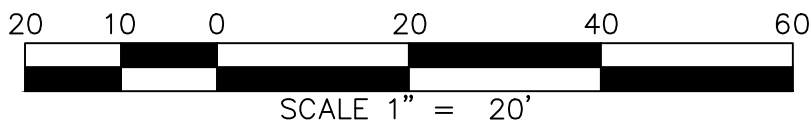
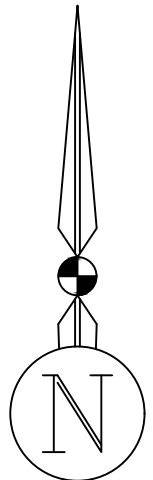
1. THIS IS NOT A BOUNDARY SURVEY.
2. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1988 (NAVD88) AND BASED ON GPS OBSERVATIONS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION'S CONTINUOUSLY OPERATING REFERENCE STATION (CORS) NETWORK.
3. STATE PLANE COORDINATES ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT AND BASED ON GPS OBSERVATIONS SPOT-ELEVATIONS OF SUPPORT SURFACE TRANSPORTATION'S CONTINUOUSLY OPERATING REFERENCE STATION CANTONMENT SURFACE
4. THIS SURVEY IS BASED ON MEASUREMENTS CONDUCTED ON MARCH 2016 PILES
5. NO UNDERGROUND UTILITIES WERE LOCATED IN THE COURSE OF THIS SURVEY
6. ADDITIONAL ENCUMBRANCES MAY AFFECT THE SUBJECT PARCEL THAT DO NOT APPEAR ON THIS MAP.
7. EASEMENTS DEPICTED ON THIS SURVEY WERE PROVIDED BY THE CHURCH AND ARE RECORDED IN AN ASSOCIATED PLAT. NO EASEMENT RESEARCH WAS CONDUCTED DURING THE COURSE OF THIS SURVEY.

SURVEYED BY:
J. BROWN PROFESSIONAL GROUP



TOPOGRAPHIC SURVEY SHEET KEY

ICHETUCKNEE STATE PARK

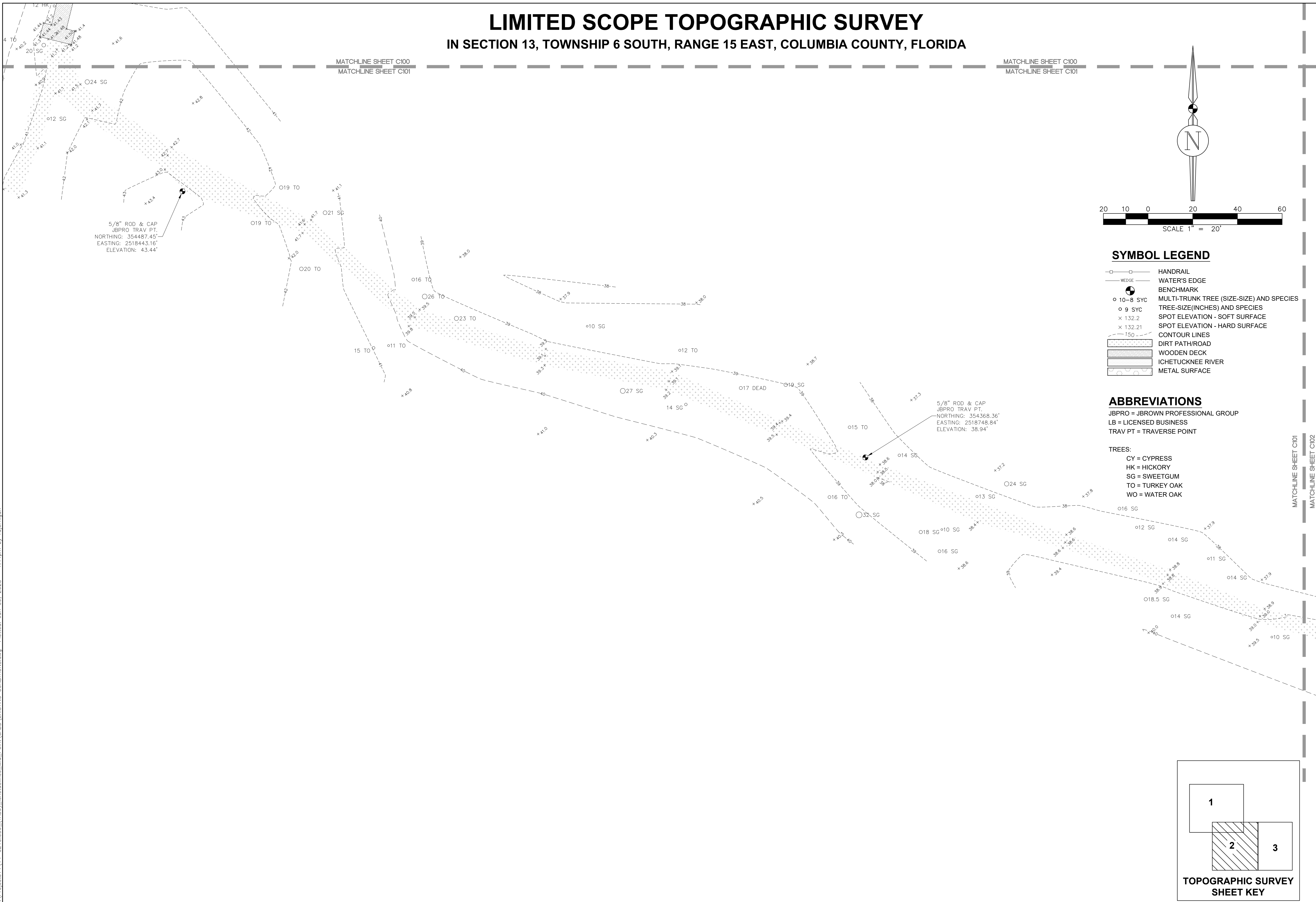


SHEET NO.	C100	SHEET TITLE ICHETUCKNEE SPRINGS STATE PARK 12087 SOUTHWEST U.S. 27, FORT WHITE, FL 32038	PROFESSIONAL REGISTRATION BENJAMIN R. LEWIS, P.E. FLORIDA ENGINEER #79674	DESIGNER :	BRL	ISSUE DATE:	6/7/2023	SYMBOL		DATE		REVISION	
				DRAWN BY:	RAJ	COMP. FILE NO.:	14-0210.039	SYMBOL	A				
				REVIEWED BY:	RAJ	STATE PROJECT NO: 61361C		SYMBOL	B				
				Consultant :	DRMP ARCHITECTS • ENGINEERS • PLANNERS • SCIENTISTS Certificate of Authorization No. 2648 Tallahassee, Florida 32317 Phone 850.562.9600 WWW.DRMP.COM								
		PROJECT TITLE ICHETUCKNEE SPRINGS STATE PARK MID POINT ADA ACCESS IMPROVEMENTS	Department of Environmental Protection Office of Operations Bureau of Design and Construction 3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300										

P:\Projects\14\14-0210.039_(TA39)_Ichetucknee_Mid_Point\CADD\EXISTING CONDITIONS.dwg Plotted: Jun 09, 2023 - 1:44pm by rjlenigan

LIMITED SCOPE TOPOGRAPHIC SURVEY

IN SECTION 13, TOWNSHIP 6 SOUTH, RANGE 15 EAST, COLUMBIA COUNTY, FLORIDA



SYMBOL LEGEND

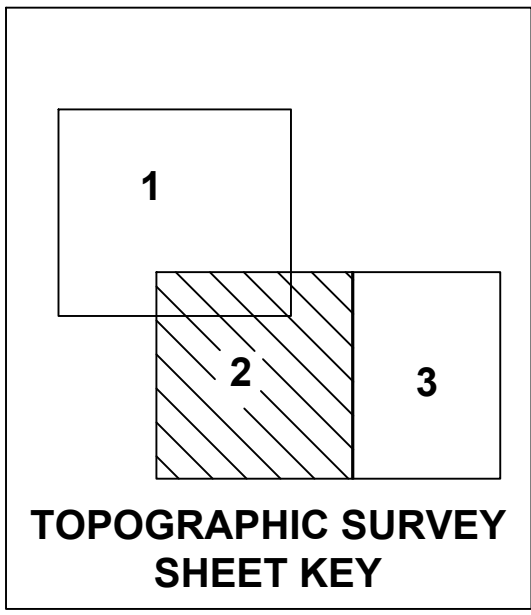
- HANDRAIL
- WEDGE
- BENCHMARK
- MULTI-TRUNK TREE (SIZE-SIZE) AND SPECIES
- TREE-SIZE(INCHES) AND SPECIES
- SPOT ELEVATION - SOFT SURFACE
- SPOT ELEVATION - HARD SURFACE
- CONTOUR LINES
- DIRT PATH/ROAD
- WOODEN DECK
- ICHETUCKNEE RIVER
- METAL SURFACE

ABBREVIATIONS

JBPRO = JBROWN PROFESSIONAL GROUP
LB = LICENSED BUSINESS
TRAV PT = TRAVERSE POINT

TREES:

- CY = CYPRESS
- HK = HICKORY
- SG = SWEETGUM
- TO = TURKEY OAK
- WO = WATER OAK

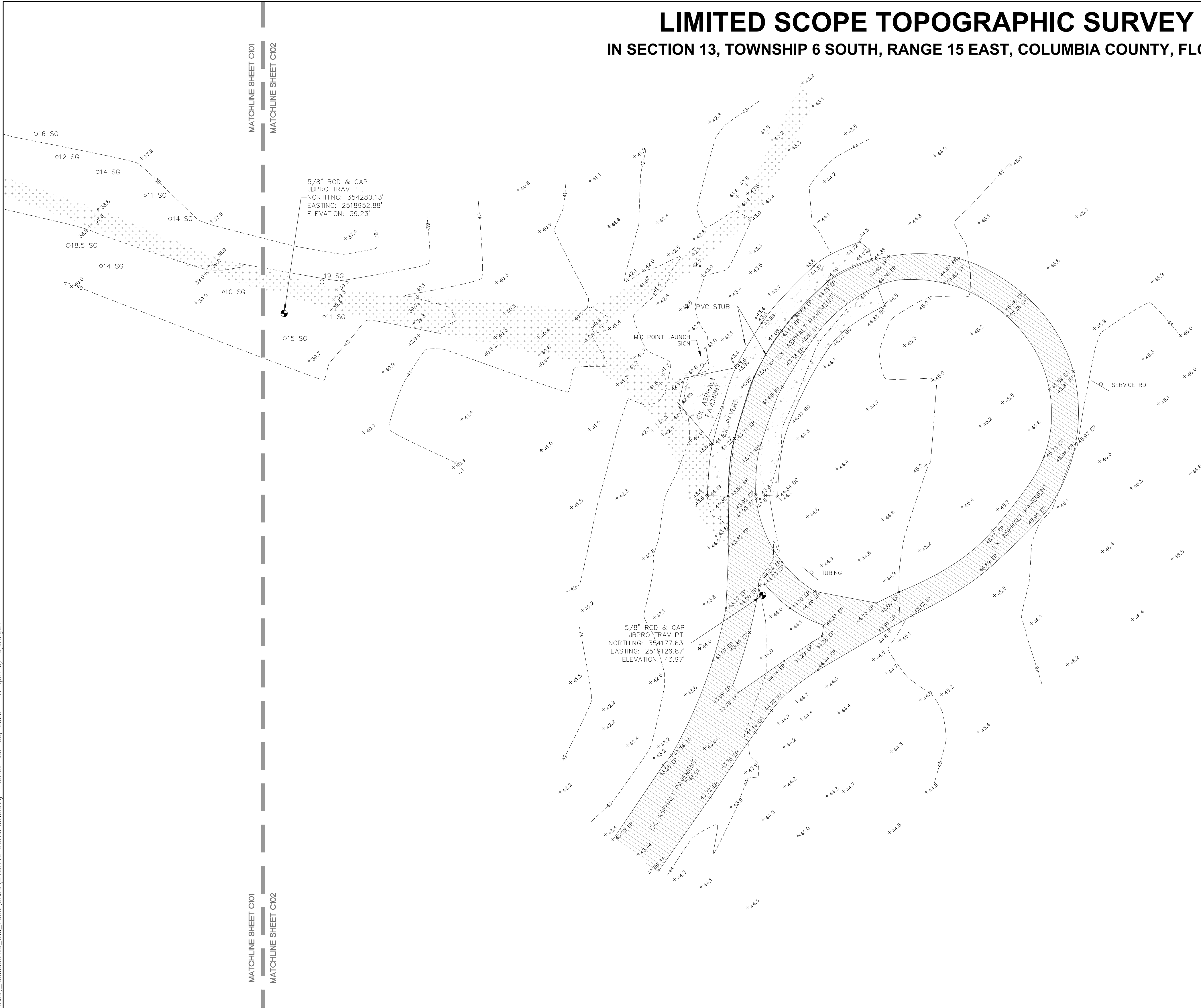


TOPOGRAPHIC SURVEY
SHEET KEY

SHEET NO.		EXISTING CONDITIONS		CONSULTANT		DRMP		Department of Environmental Protection		Office of Operations		Bureau of Design and Construction		3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300	
12087 SOUTH STATE PARK		12087 SOUTHWEST U.S. 27, FORT WHITE, FL 32038		PROFESSIONAL REGISTRATION BENJAMIN R. LENNON, P.E. FLORIDA ENGINEER #78674		DESIGNER : BRL		ISSUE DATE: 6/7/2023		SYMBOL		REVISION		DATE	
MID POINT ADA ACCESS IMPROVEMENTS		PROJECT TITLE		SHEET TITLE		DRAWN BY: RAJ		COMP. FILE No.: 14-0210.039		A		C			
						REVIEWED BY: RAJ		STATE PROJECT No.: 61361C		B		H			
						Consultant :									

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LIMITED SCOPE TOPOGRAPHIC SURVEY
IN SECTION 13, TOWNSHIP 6 SOUTH, RANGE 15 EAST, COLUMBIA COUNTY, FLORIDA



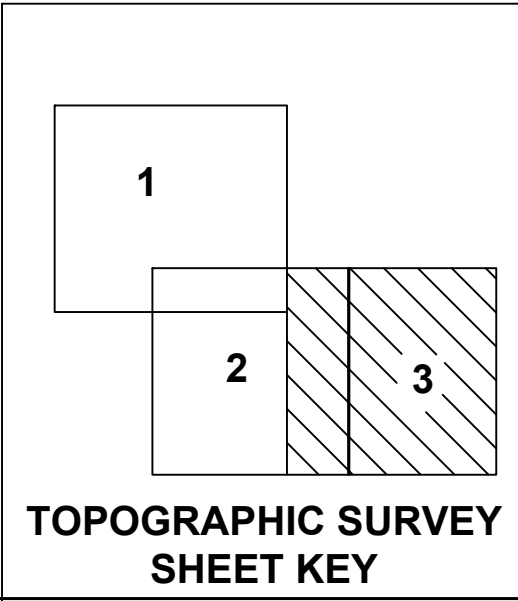
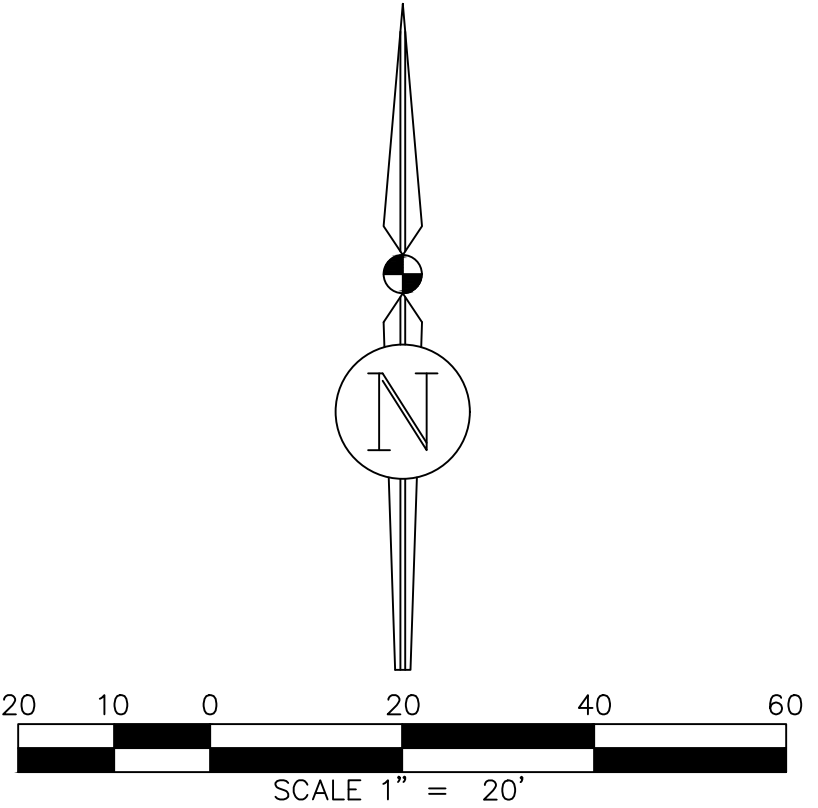
- SYMBOL LEGEND**
- HANDRAIL
 - WATER'S EDGE
 - BENCHMARK SIGN
 - 10-8 SYC
 - 9 SYC
 - 132.2
 - 132.21
 - 150
 - CONTOUR LINES
 - DIRT PATH/ROAD
 - CONCRETE SURFACE
 - ASPHALT SURFACE

ABBREVIATIONS

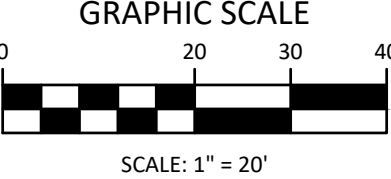
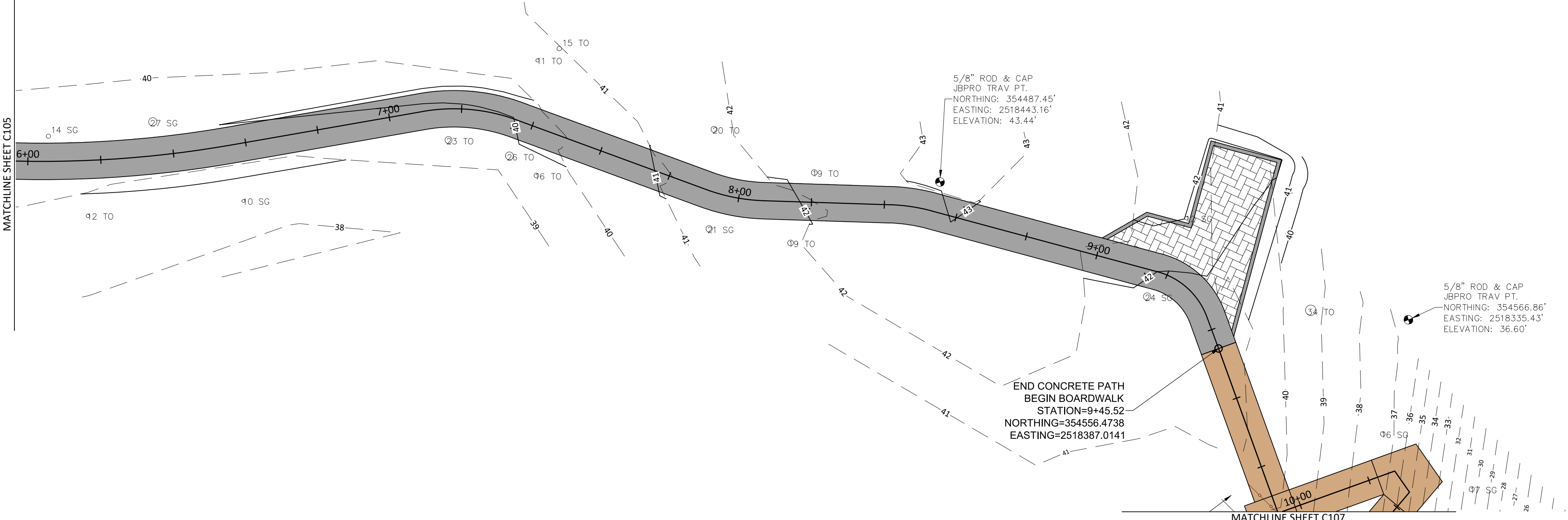
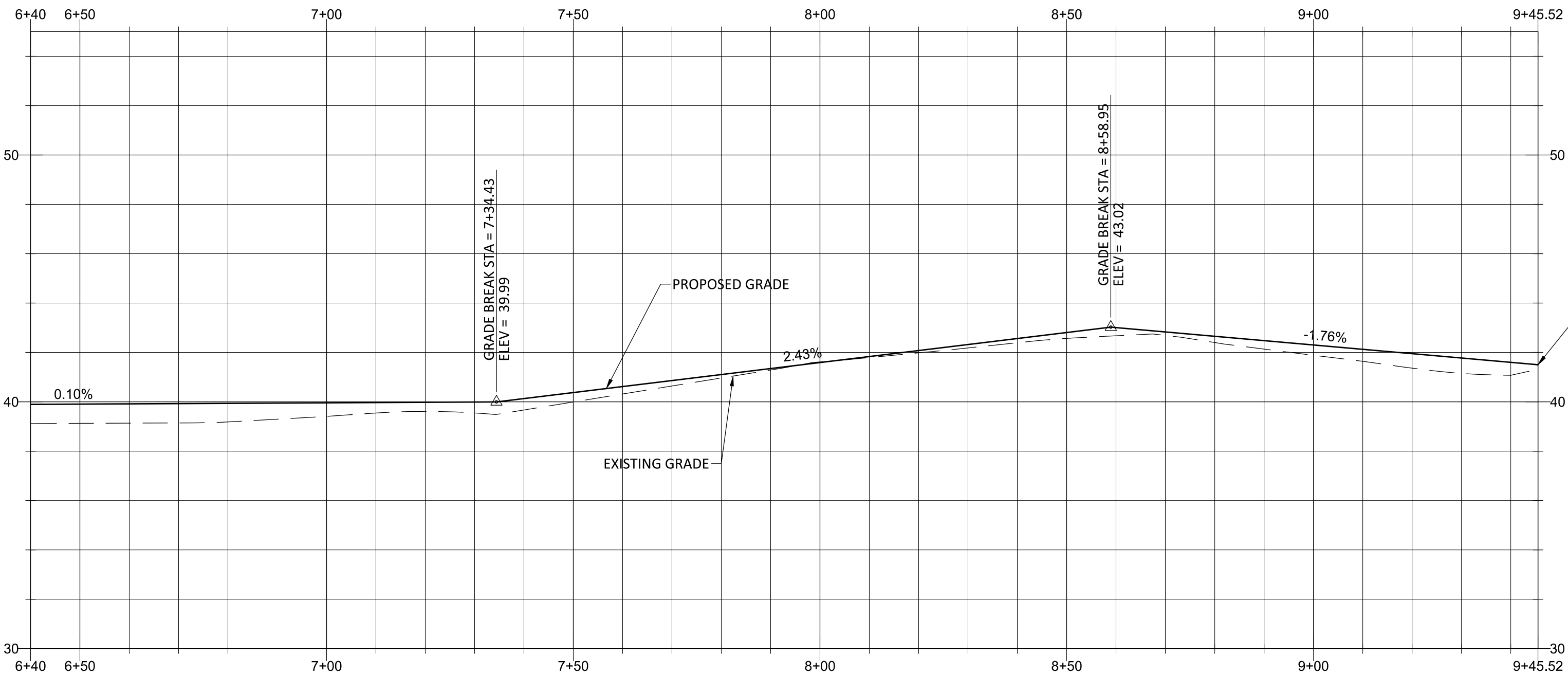
BC = BACK OF CURB
EP = EDGE OF PAVEMENT
JBPRO = JBBROWN PROFESSIONAL GROUP
LB = LICENSED BUSINESS
TRAV PT = TRAVERSE POINT

TREES:

CY = CYPRESS
HK = HICKORY
SG = SWEETGUM
TO = TURKEY OAK
WO = WATER OAK



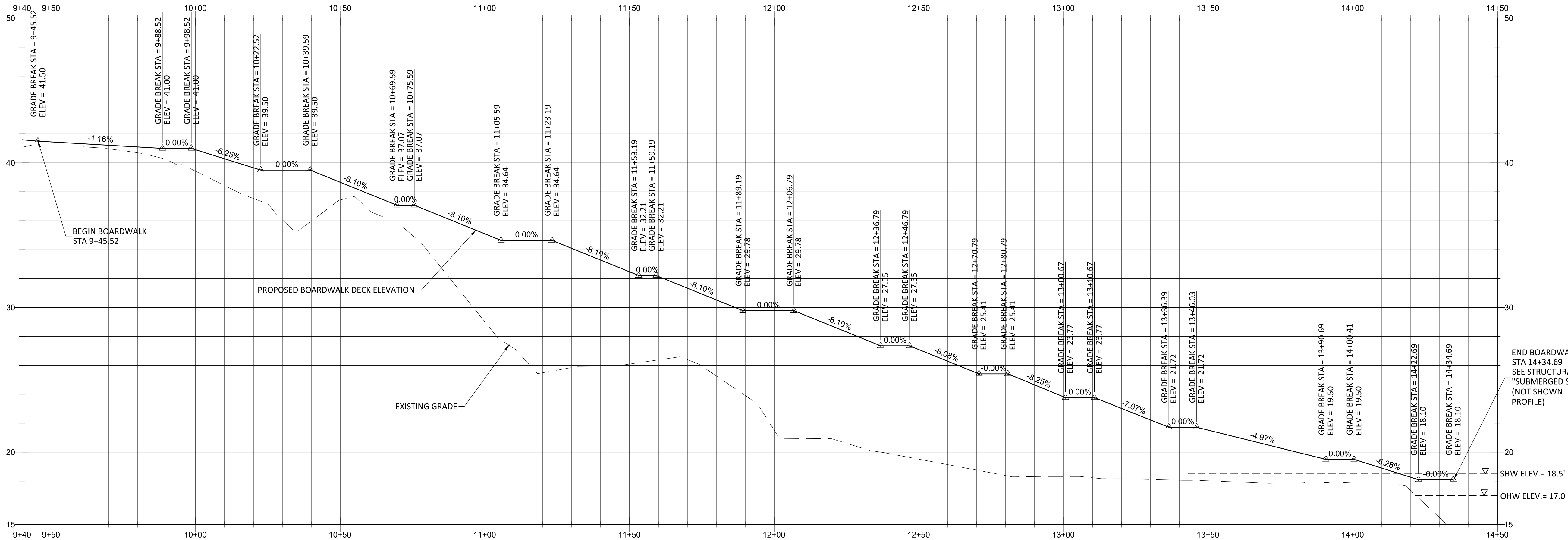
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												REVIEWED BY: RAJ		STATE PROJECT No.: 61361C									



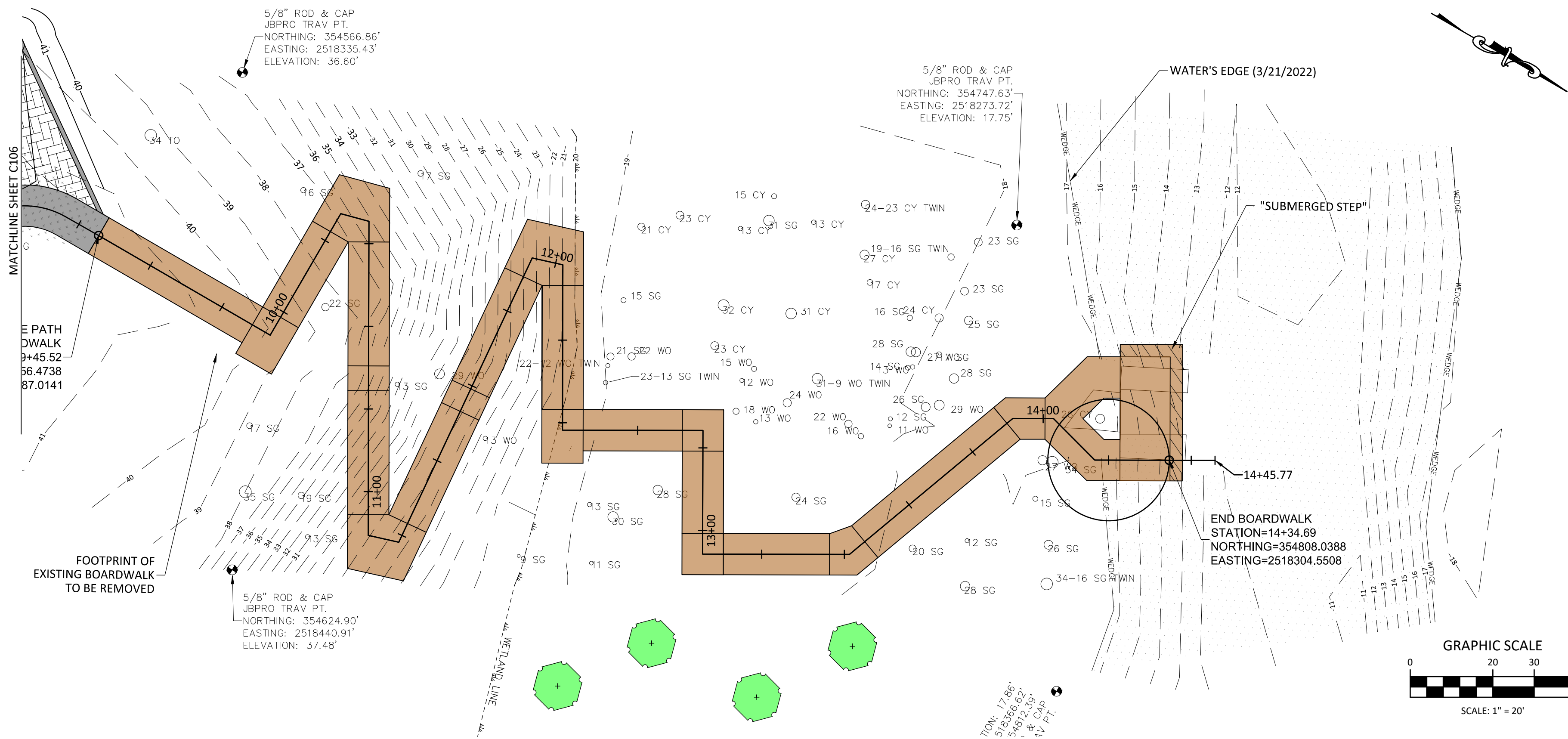
SCALE:
HORZ: 1" = 20'
VERT: 1" = 5'

SHEET NO.	ICHETUCKNEE SPRINGS STATE PARK 12087 SOUTHWEST U.S. 27, FORT WHITE, FL 32038		PROFESSIONAL REGISTRATION BONJAMIN R. LENNON, P.E. FLORIDA ENGINEER #78674	DESIGNER :	BRL	ISSUE DATE:	6/7/2023	SYMBOL		REVISION		DATE	
	SHEET TITLE	PLAN AND PROFILE			DRAWN BY:	RAJ	COMP. FILE No.:	14-0210.039	(A)		(C)		
				REVIEWED BY:	RAJ	STATE PROJECT No.:		61361C	(B)		(D)		
				Consultant :	 DRMP DESIGNERS & SURVEYORS • PLANNERS • ENGINEERS Certificate of Authorization No. 2648 BONJAMIN R. LENNON, P.E. Tallahassee, Florida 32317 Phone: 850.562.9600 WWW.DRMP.COM			<i>Department of Environmental Protection Office of Operations Bureau of Design and Construction 3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300</i>					

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SCALE:
HORZ: 1" = 20'
VERT: 1" = 5'

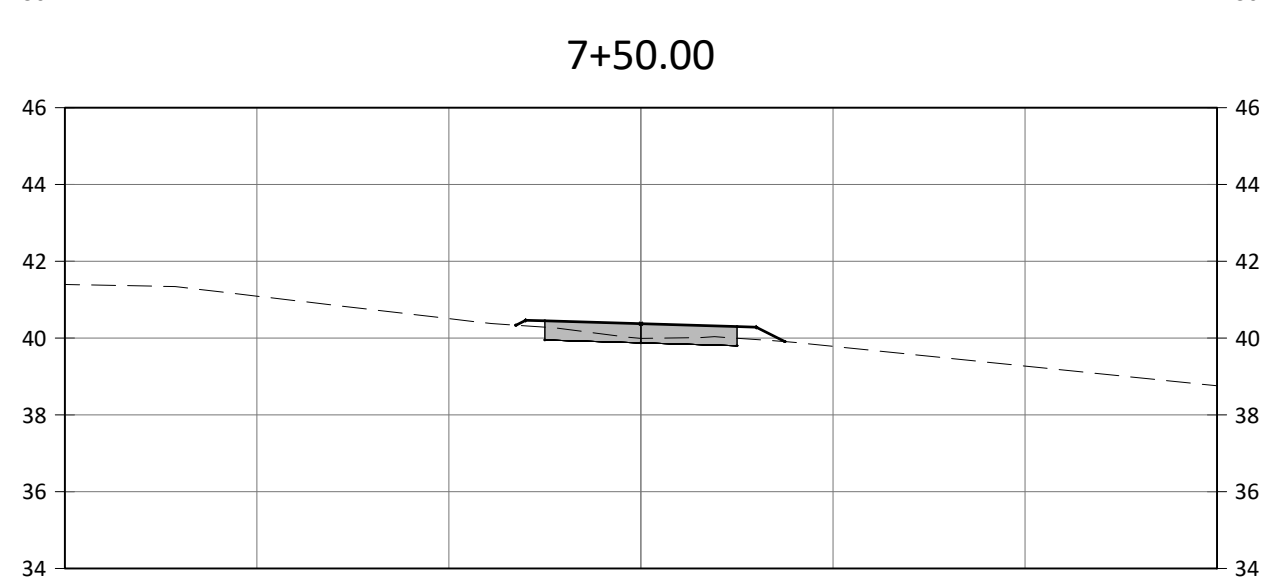
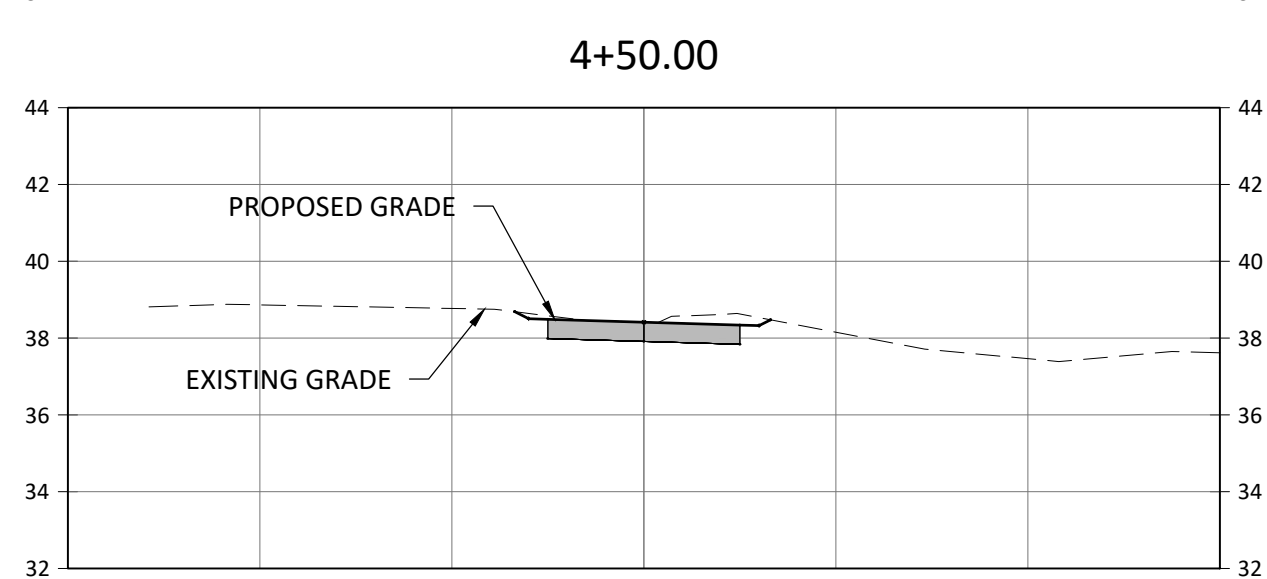
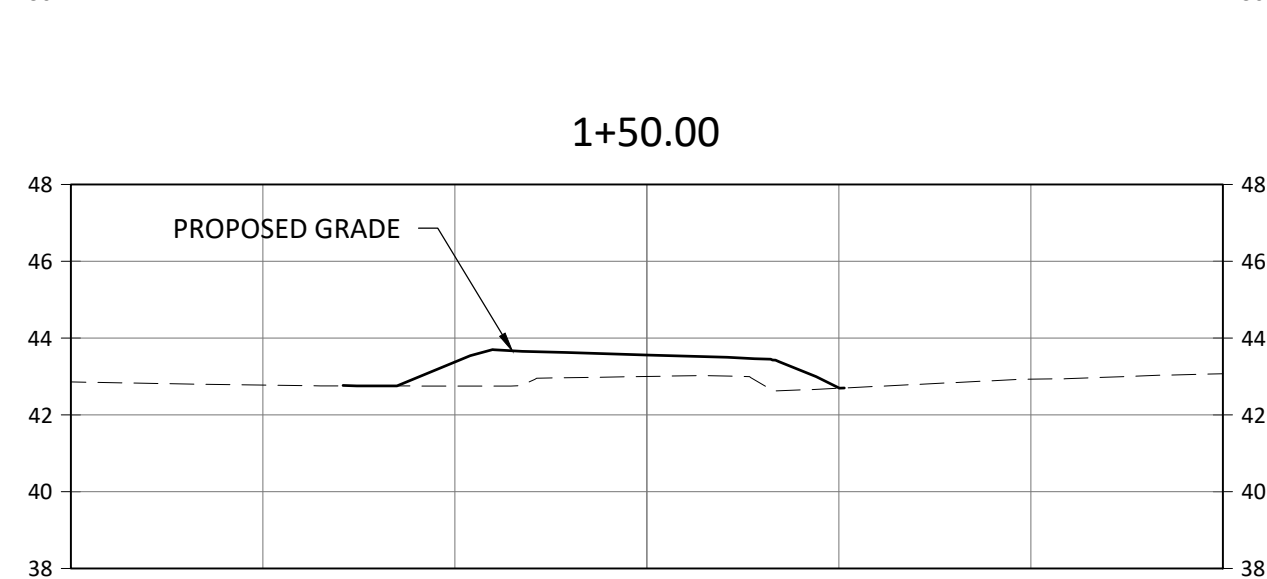


NOTE:
SUBMERGED STEP ELEVATION NOT SHOWN
FOR CLARITY. SEE STRUCTURAL PLANS.

DESIGNER : BRL	ISSUE DATE: 6/7/2023	SYMBOL	REVISION	DATE	REVISION	DATE
DRAWN BY: RAJ	COMP. FILE No.: 14-0210.039	A				
REVIEWED BY: RAJ	STATE PROJECT No.: 61361C	B				
Consultant :						
PROFESSIONAL REGISTRATION BENJAMIN R. LENNON, P.E. FLORIDA ENGINEER #78674						
SHEET TITLE	12087 SOUTHWEST U.S. 27, FORT WHITE, FL 32038					
PROJECT TITLE	ICHETUCKNEE SPRINGS STATE PARK MID POINT ADA ACCESS IMPROVEMENTS					
SHEET NO.	C107					

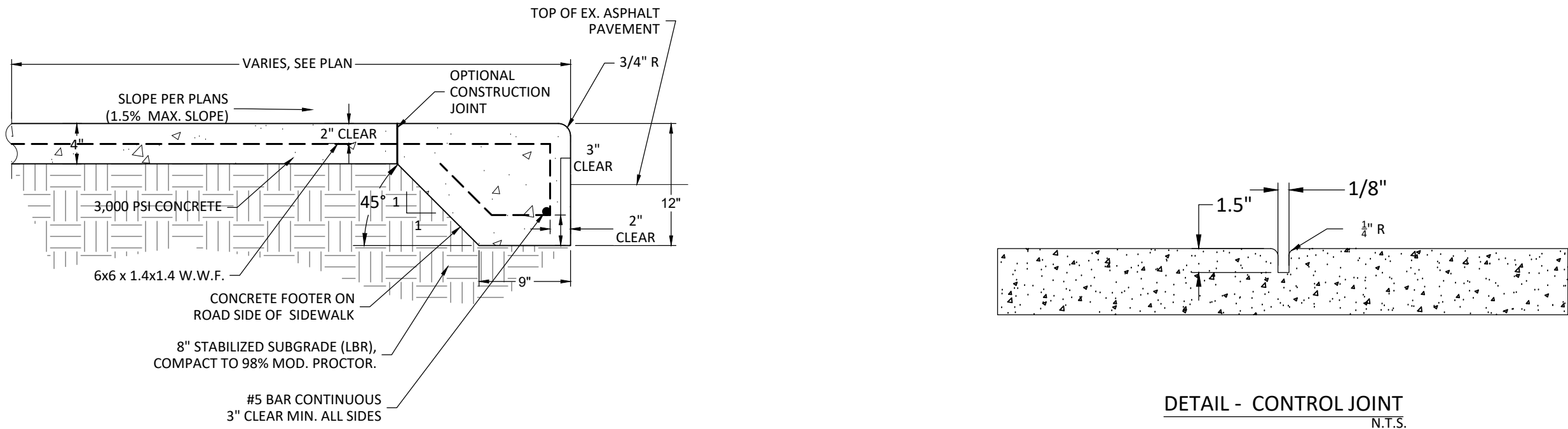
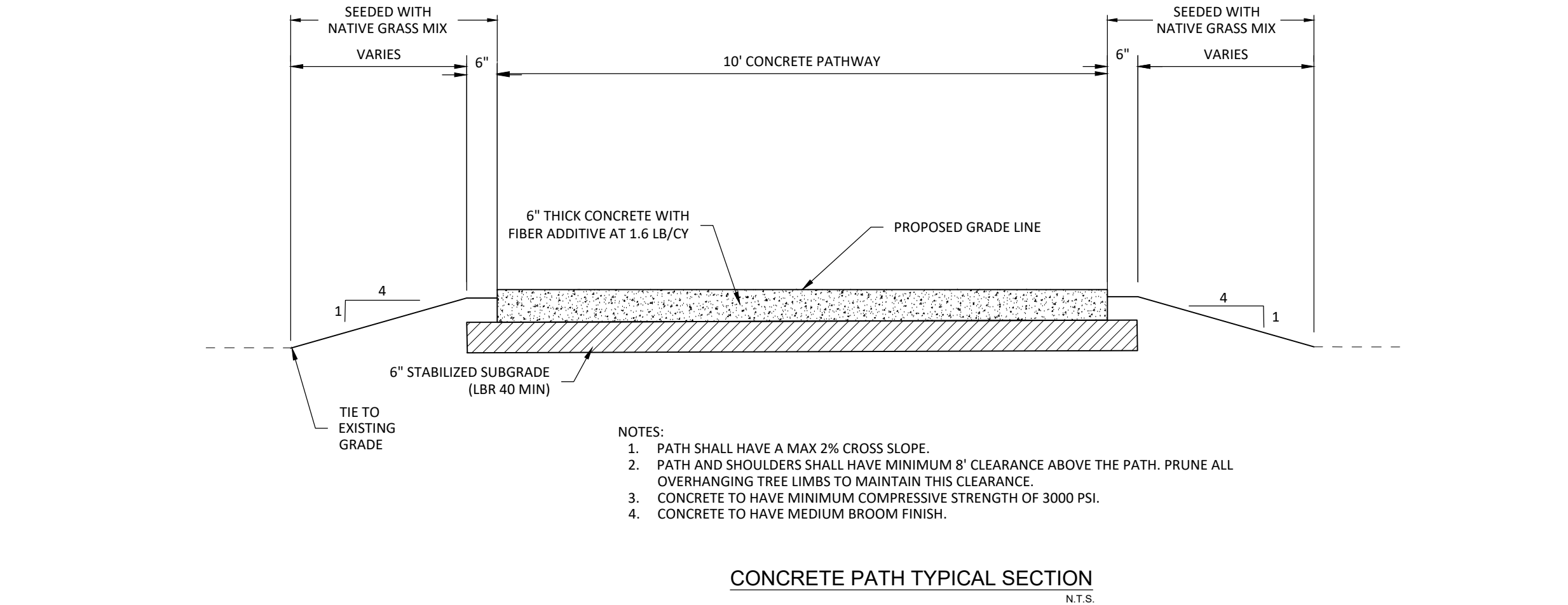
Department of Environmental Protection
Office of Operations
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300

DRMP
DESIGNER: B. LENNON
CONSULTANT: B. LENNON
1825 Summit Lake Drive
Tallahassee, Florida 32317
Phone: 850.822.9600 WWW.DRMP.COM



PROFESSIONAL REGISTRATION BENJAMIN R. LENNON, P.E. FLORIDA ENGINEER #78674		DESIGNER : BRL DRAWN BY: RAJ REVIEWED BY: RAJ		ISSUE DATE: 6/7/2023 COMP. FILE NO.: 14-0210.039 STATE PROJECT NO.: 61361C		SYMBOL DATE REVISION SYMBOL DATE REVISION	
SHEET TITLE CONCRETE PATH CROSS SECTIONS		Consultant : DRMP Registered Professional Engineer License No. 12648 Office: 1825 Summit Lake Drive Tallahassee, Florida 32317 Phone: 850.922.9600 WWW.DRMP.COM Department of Environmental Protection Office of Operations Bureau of Design and Construction 3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300					
PROJECT TITLE ICHETUCKNEE SPRINGS STATE PARK MID POINT ADA ACCESS IMPROVEMENTS							

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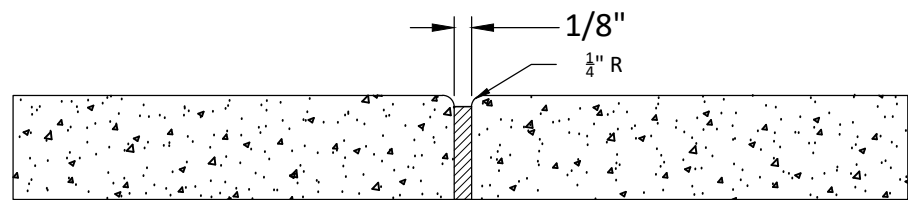


- NOTES:
1. 0.5% MIN, 2% MAX. CROSS SLOPE
 2. CONCRETE TO BE FDOT CLASS 1, 3,000 PSI MINIMUM.
 3. SIDEWALK SHALL BE 6" THICK WHEN LOCATION MAY BE SUBJECT TO VEHICULAR LOADING.
 4. REFER TO FDOT STANDARD PLANS S22-001 FOR ADDITIONAL NOTES AND SPECIFICATIONS INCLUDING JOINTS AND EDGES.

CONTROL JOINT NOTE:
PROVIDE CONTROL JOINTS @ 4' MINIMUM AND 6' MAXIMUM SPACING FOR 4'-6' SIDEWALK WIDTHS. FOR 8'-10' WIDE SIDEWALKS, PROVIDE CONTROL JOINTS @ 8' MINIMUM AND 10' MAXIMUM SPACING.

EXPANSION JOINT NOTE:
PROVIDE TRANSVERSE EXPANSION JOINTS @ APPROX. 30' SPACING MAX. SPACING OF 50'

CONCRETE SIDEWALK WITH THICKENED EDGE
(ADJACENT TO DROP-OFF AREA) DETAIL
N.T.S.



DETAIL - EXPANSION JOINT
N.T.S.

STORMWATER MAINTENANCE PLAN

PERVIOUS PAVER MAINTENANCE

As the pavement ages, it may be necessary to treat localized areas to restore the pavement surface condition. This may include removal of paving units, leveling or addition of new aggregate materials, removal and replacement of jointing material, and so on. Edge restraints should be inspected to ensure that they are performing their required function. Outlet drains and observation wells should be inspected to confirm continued drainage from the pavement structure. Areas upslope of the PICP should be examined for potential sources of contaminants that may reduce system permeability and for grade changes that may result in unintended ponding or flow adjacent to or around the PICP system.

INSPECTION ACTIVITIES

Pervious Paver inspections should be completed a minimum of 2 times per year (preferably 1-3 days after a storm event). Inspection tasks include the following:

- Review maintenance and operations records and incidences to determine if there have been any issues.
- Document general site features
- Note any surface contamination, vegetation or clogging. Define area by area measurements as a percentage of the overall surface area.
- Note obvious sources of surface contaminants.
- Identify the extent and severity of any damage or deficiencies (such as settlement, ponding, cracked pavers, etc.).
- Identify any changes in adjacent land use that may impact contributing area runoff for potential sources of contaminants that may reduce system permeability.
- Inspect vegetation around Pervious Pavers perimeter for cover and soil stability.
- Inspect edge restraints to ensure that they are performing their required function.
- Check underdrains to ensure that they are still draining water from the pavement structure.
- Check c wells to confirm the maximum allowable storage time.
- Complete infiltration testing if the observed performance of the pavement indicates a significant reduction in permeability from the last inspection.

PERVIOUS PAVER INFILTRATION TESTING

Surface infiltration should be measured using ASTM C1781 Standard Test Method for Surface Infiltration Rate of Permeable Unit Pavement Systems (ASTM 2015). Figure 6-1 illustrates the ASTM C1781 test apparatus. A

300 mm (12 in.) diameter plastic or metal ring is secured to the PICP surface with plumber's putty. A known mass of water is poured at a constant rate and timed. The test method includes a formula for calculating the infiltration rate. The minimum recommended acceptable infiltration for new PICP is 2,500 mm/h (100 in./h). This initial value accommodates some sedimentation and surface clogging that may occur over time. The recommended in-service Paver surface infiltration should also not be less than 250 mm/h (10in./h) in pedestrian areas and 100mm/h in areas subject to vehicular traffic (parking or roadway). ASTM C1781 can be used for assessing when surface vacuum cleaning might be required. The surface infiltration test results from ASTM C1781 are comparable with test results on pervious concrete or porous asphalt using ASTM C1701 Standard Test Method for Infiltration Rate of In Place Pervious Concrete (ASTM 2017d). The results of the inspection should be documented and used to assist in updating the maintenance plan for the Paver system. The information should be used to assist in predicting future maintenance needs and be part of an overall management system for the pavement. On the basis of the results of the inspection, it may be appropriate to conduct maintenance work.

PERVIOUS PAVER ROUTINE MAINTENANCE

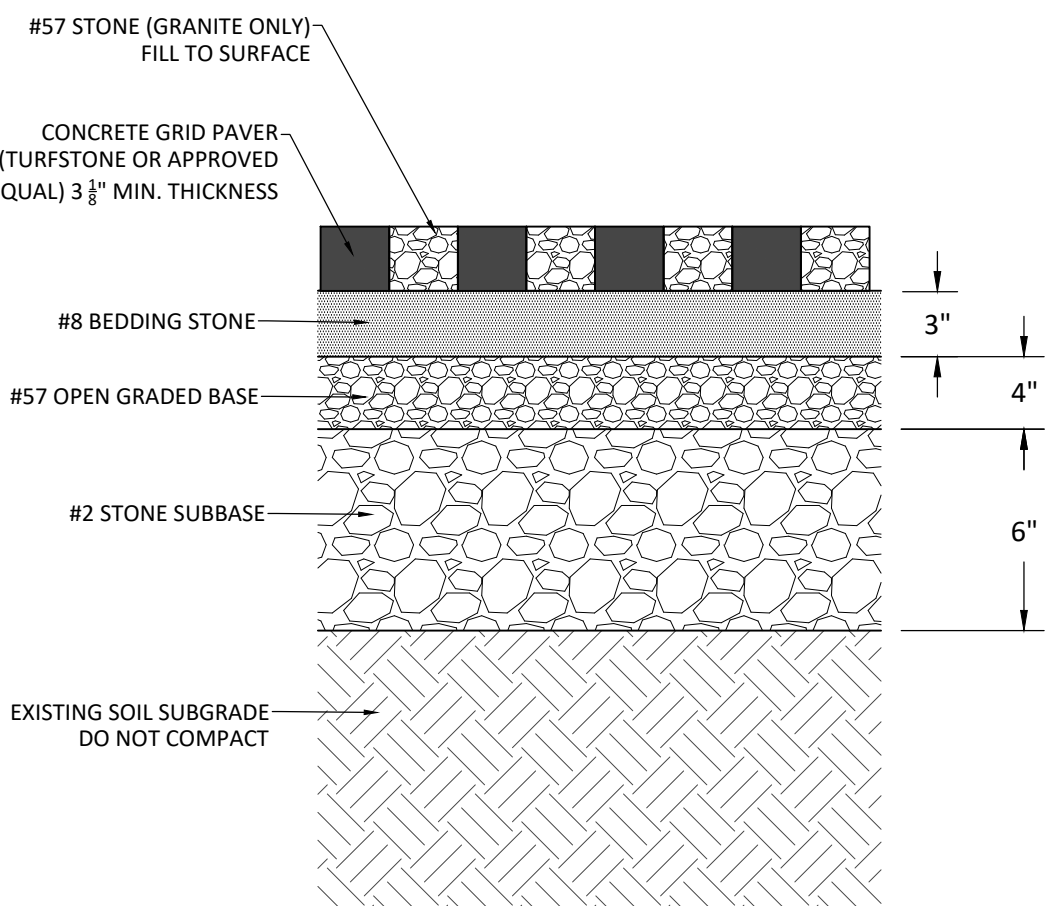
The following provides a checklist for PICP routine maintenance:

- Perform a general cleaning of the pavement surface to remove debris and sediment when the pavement is dry. Coarse sediment may be removed by a conventional street sweeper, but care should be taken to ensure the smaller sediment does not just end up being spread over a larger area. Regenerative air sweepers are preferred as they prevent further spreading of sediment and are effective in removing sediment from between the upper joints. Vacuum machine cleaning may be necessary to remove the sediment from within clogged or compacted joints and to restore permeable pavement surface infiltration capacity. For low sediment and low-use areas, the maintenance requirements may be less frequent.
- Repair/replace vegetation cover for areas upslope from the PICP.
- Replace any damaged or broken pavers.
- Replenish aggregate in joints if more than 13 mm (1/2 in.) is exposed below the chamfer bottoms on the unit pavers.
- Repair pavers offset by more than 6 mm (1/4 in.) above/below adjacent units or curbs, inlets, and other locations.
- Clean and flush underdrain systems using cleanouts or other access points.
- Clean drainage outfall features to ensure free flow of water and outflow.

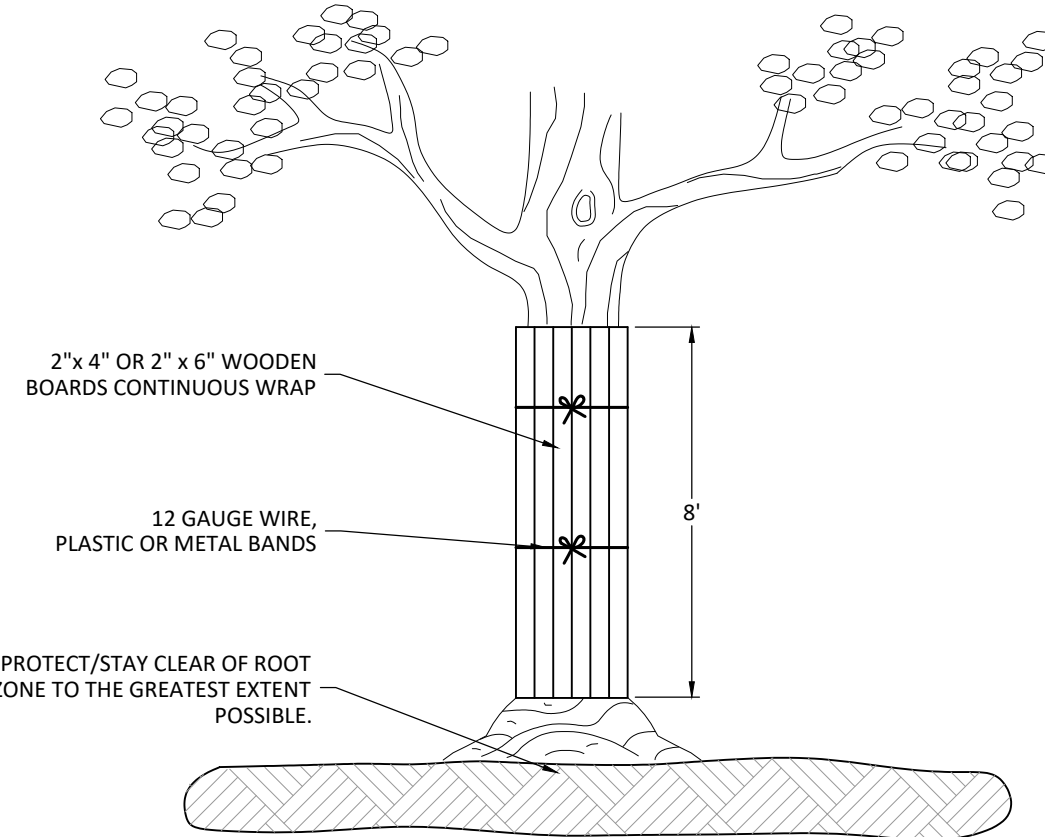
- Clean and remove sediment from any pretreatment devices or sediment traps.

PERVIOUS PAVER REMEDIAL MAINTENANCE

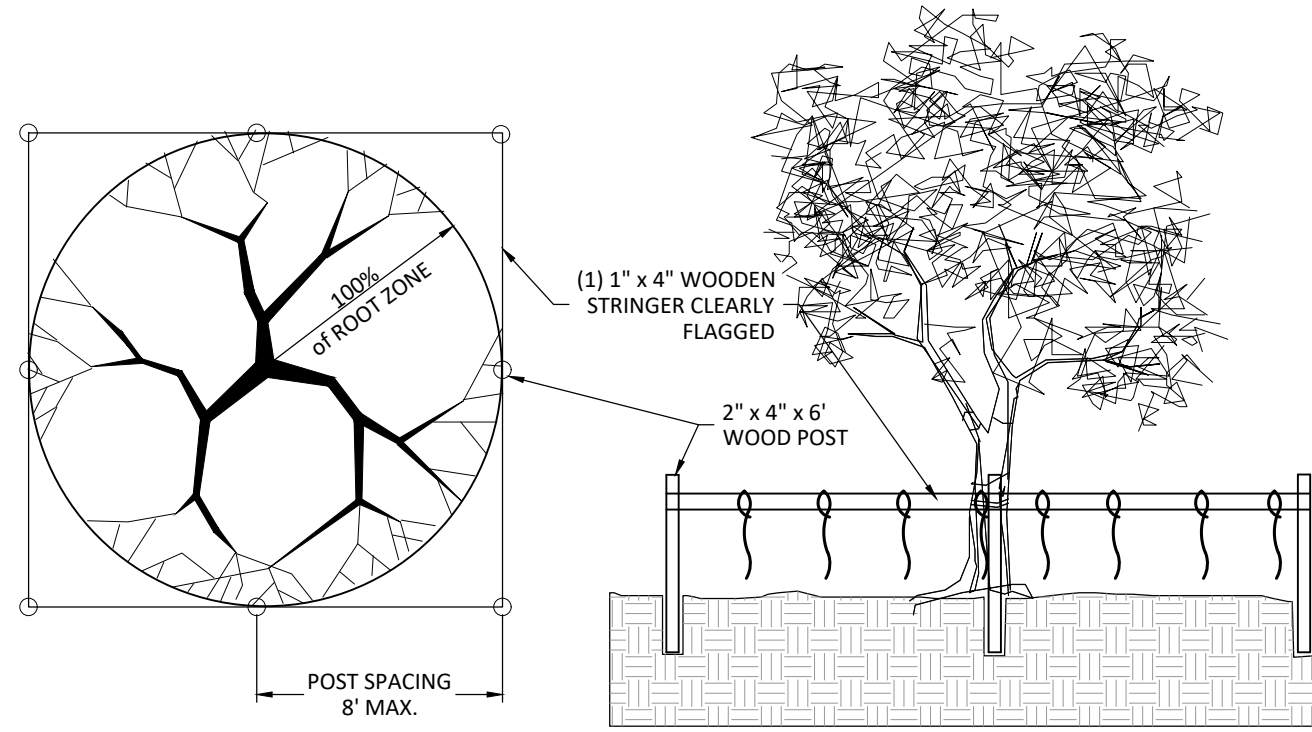
- If pavement appears "dogged" through visual observation or standing water after a rain event, test the pavement using ASTM C1781 to determine surface infiltration rate in that location. Vacuum to remove surface sediment and soiled aggregate (typically 13 to 25 mm or ½ to 1 in. deep), refill joints with clean aggregate, sweep surface clean and test again per ASTM C1781 to minimum 50% increase or minimum 250 mm/h (10 in./h) infiltration rate.
- Repair and/or reinstate damaged edge restraints. This may require removal and reinstatement of adjacent paving units.
- Replace cracked paver units impairing surface structural integrity.
- Repair localized settlement and rutted pavement areas.
- Regrade or modify changed grades for areas upslope of the PICP system where unintended ponding or informal flow paths around the PICP system may have developed.
- Repair outflow features, piping, energy dissipaters, erosion protection systems, pretreatment systems, and so on.
- Repair localized settlement.
- Regrade or modify changed grades for areas upslope of the PICP system where unintended ponding or informal flow paths around the PICP system have developed.
- Install stormwater inlets that are directly connected to paver bed stone at low points if subject to continuous remedial maintenance



PERVIOUS PAVER BED DETAIL
N.T.S.

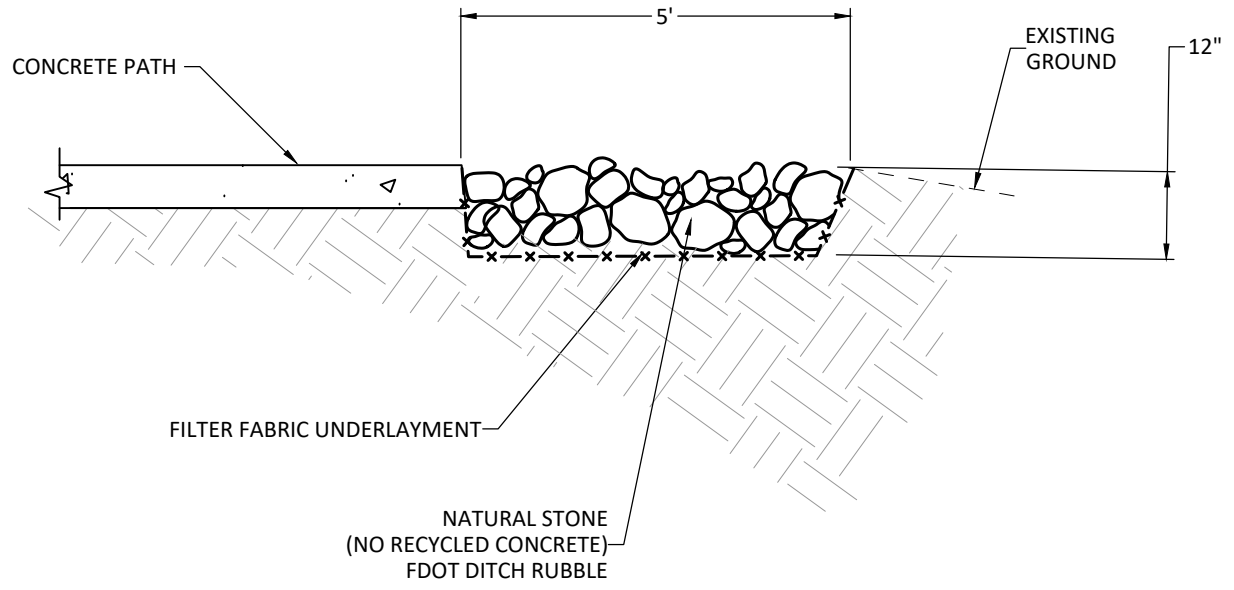


TREE TRUNK PROTECTION DETAIL
N.T.S.



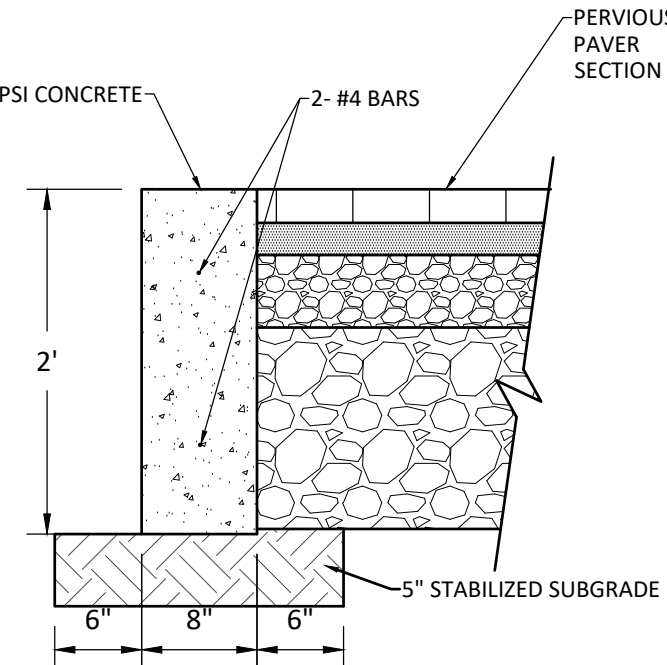
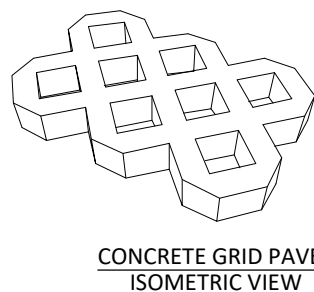
NOTE: THE TREE PROTECTION BARRIER SHALL BE PLACED SO AS TO PROTECT 100% OF THE PROTECTED TREES' ROOT ZONE AS POSSIBLE.

TREE PROTECTION BARRICADE
N.T.S.



- NOTES:
1. FILTER FABRIC PER FDOT SPECIFICATION SECTION 985.

RIPRAP AT LOWPOINT DETAIL
N.T.S.



CONCRETE EDGER AROUND
PERVIOUS PAVERS
N.T.S.

PROFESSIONAL REGISTRATION BENJAMIN R. LENNON, P.E. FLORIDA ENGINEER #78674		ICHTUCKNEE SPRINGS STATE PARK 12087 SOUTHWEST U.S. 27, FORT WHITE, FL 32038	
SHEET TITLE		DETAILS	
SHEET NO.		D100	
PROJECT TITLE		ICHTUCKNEE SPRINGS STATE PARK MID POINT ADA ACCESS IMPROVEMENTS	
DESIGNER : BRL	ISSUE DATE: 6/7/2023	DRMP ENGINEERS • SURVEYORS • PLANNERS • DESIGNERS Certificate of Authorization No. 2648 Tallahassee, Florida 32317 Phone 850.582.9600 WWW.DRMP.COM	
DRAWN BY: RAJ	COMP. FILE NO.: 14—0210.039		
REVIEWED BY: RAJ	STATE PROJECT NO.: 61361C		
Consultant :		Department of Environmental Protection Office of Operations Bureau of Design and Construction 3800 Commonwealth Blvd., Tallahassee, FL 32309 (850) 425—2300	

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Office of Operations
Bureau of Design and Construction
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D100

1. GENERAL:

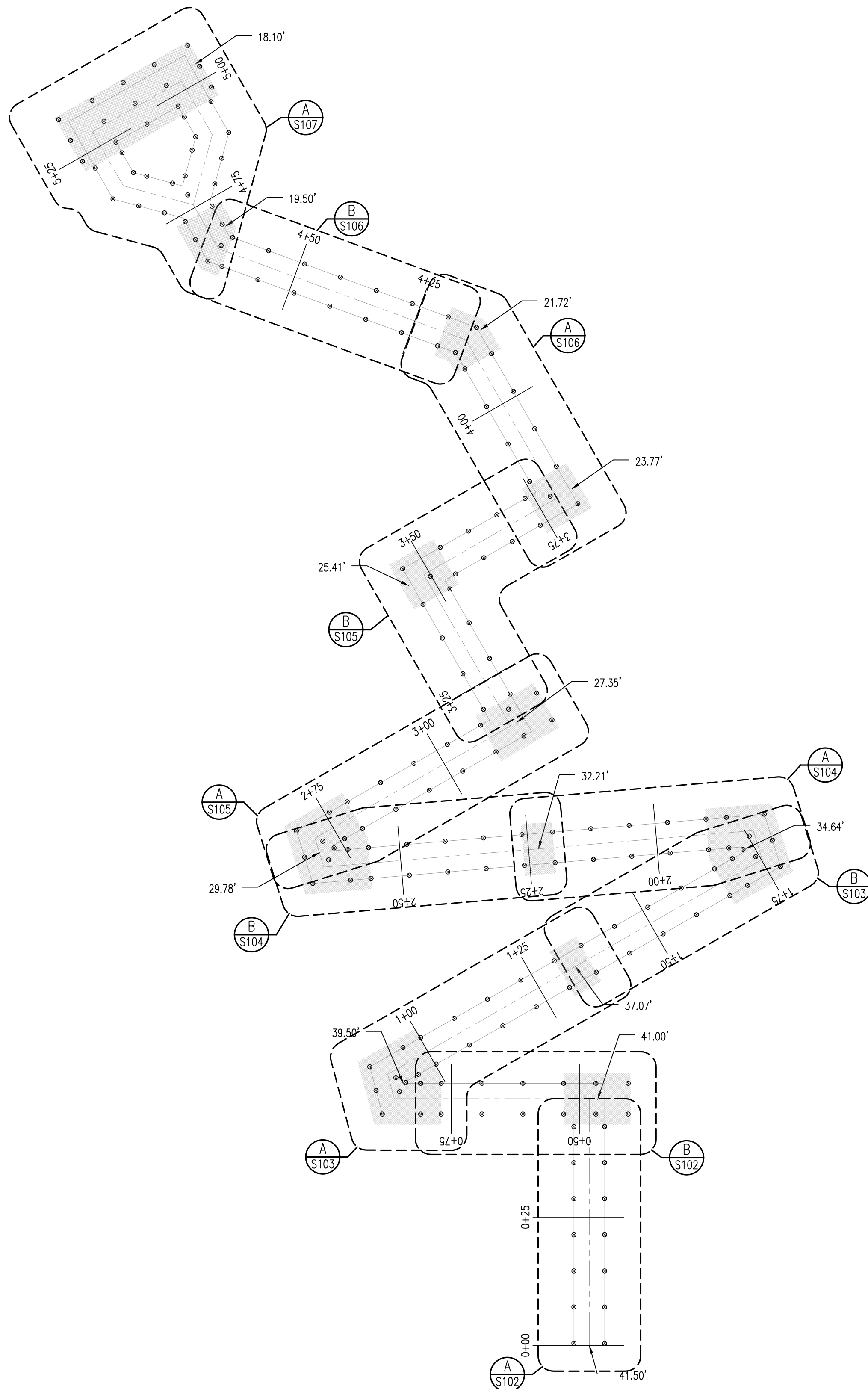
- A. UNLESS OTHERWISE SPECIFIED, ALL WORK AND MATERIALS SHALL CONFORM TO "FLORIDA BUILDING CODE" (FBC) REQUIREMENTS, 2020 EDITION.
- B. DO NOT SCALE DRAWINGS. USE DIMENSIONS AND DETAILS.
- C. THE GENERAL CONTRACTOR SHALL VERIFY THE DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. FOR DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
- D. THE STRUCTURE SHOWN ON THESE DRAWINGS IS SELF-SUPPORTING ONLY IN ITS COMPLETED FORM. THE DESIGN, ADEQUACY, SAFETY AND STABILITY OF ERECTION BRACING, FORMWORK, SHORING, AND TEMPORARY SUPPORTS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- E. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND FOR CONFORMANCE WITH THE HEALTH AND SAFETY PROVISIONS REQUIRED BY ANY REGULATORY AGENCIES. THE STRUCTURAL ENGINEER OF RECORD HAS NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR, OR THEIR EMPLOYEES WITH THEIR WORK OR ANY HEALTH OR SAFETY PRECAUTIONS.
- F. STRUCTURAL SUBMITTALS:
- (1) REPRODUCTION OF CONTRACT DOCUMENTS FOR ERECTION AND/OR SHOP DRAWINGS WILL NOT BE PERMITTED.
- (2) REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER OF RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE STRUCTURAL ENGINEER OF RECORD. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO QUANTITIES, MEMBER SIZES, DETAILS AND THE DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR ALSO SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION. SEE SPECIFIC PROVISION.

2. DESIGN LOADS:

- A. LIVE LOADS
 (1) HANDRAIL/GUARDRAIL: 50 PLF/200 LB NON CONCURRENT*
 (2) BOARDWALK: 100 PSF
- * LOADS APPLIED IN ANY DIRECTIONS, NON-CONCURRENTLY
- B. WIND LOAD
 (1) ULTIMATE DESIGN WIND SPEED = 120 MPH
 (2) RISK CATEGORY: II
 (3) WIND EXPOSURE CATEGORY = C
 (4) ENCLOSURE CLASSIFICATION = FREE STANDING STRUCTURE

3. MATERIALS AND CONSTRUCTION:

- A. **SOIL:**
- (1) THE FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL REPORT FILE NO. 10117-2022015, DATED AUGUST 23, 2022 BY NOVA ENGINEERING AND ENVIRONMENTAL LLC.
 - (2) ALL SOIL BELOW SLABS ON-GRADE AND AT GRADE FOOTINGS SHALL BE COMPACTED TO A DEPTH OF 12" AT 100% MOISTURE CONTENT TO 95% OF MODIFIED PROCTOR, ASTM D1557, REFER TO GEOTECHNICAL REPORT FOR SUB-GRADE PREPARATION MORE THAN 12" BELOW BOTTOM OF SLAB.
- B. **SHALLOW FOUNDATIONS:**
- (1) FOOTING SIZES AND REINFORCEMENT ARE BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 1,500 PSF. ALL FOOTINGS SHALL BEAR ON COMPACTED FILL OR NATURAL SOIL PREPARED PER THE GEOTECHNICAL REPORT.
 - (2) PROVIDE CRACK CONTROL JOINTS IN ALL FLOATING SLABS ON GRADE AT 15 FEET MAXIMUM TO LIMIT CRACKS BETWEEN JOINTS TO 225 SQ. FT. LOCATE TO CONFORM TO BAY SPACING WHENEVER POSSIBLE, ADD CRACK CONTROL JOINTS AT RE-ENTRANT CORNERS WHICH TEND TO INVITE CRACKS.
- C. **CONCRETE:**
- (1) ALL CONCRETE WORK SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE'S "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (A.C.I. 318-11). CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 5,000 PSI.
- D. **TIMBER PILES:**
- (1) ALL TIMBER PILES SHALL BE SOUTHERN PINE WITH A TIP DIAMETER OF 10", MEETING THE REQUIREMENTS OF ASTM D25.
 - (2) ALL FRESHWATER AND GROUND CONTACT PILES SHALL BE TREATED AS FOLLOWS:
ACQ ALKALINE COPPER QUATERNARY 0.80 PCF
CA COPPER AZOLE 0.40 PCF
 - (3) INSTALLATION DEPTH SHALL BE 15'-0" BELOW EXISTING GRADE, UNLESS OTHERWISE NOTED
 - (4) PILES MAY BE "JETSET" FOR INITIAL PLACEMENT. THE FINAL 48" OF PLACEMENT SHALL BE DRIVEN WITH A VIBRATORY HAMMER.
 - (5) PILE INSTALLATION SHOULD BE MONITORED ON A FULL TIME BASIS BY A TESTING LABORATORY. RECORDS SHOULD BE MAINTAINED BY THE GEOTECHNICAL ENGINEER WHO WILL DOCUMENT PILES SIZE, LOCATION, INSTALLED LENGTHS, DRIVING RESISTANCE, TIP ELEVATION AND OTHER RELEVANT INFORMATION.
 - (6) SACRIFICIAL TEST PILES ARE NOT REQUIRED ON THIS PROJECT.
 - (7) CUT SURFACES, OR BORED HOLES SHALL BE TREATED WITH A LIBERAL APPLICATION OF COPPER NAPHTHENATE IN ACCORDANCE WITH AWPA M4.
 - (8) **TOLERANCES:**
 - (a) PILES SHALL BE INSTALLED NO MORE THEN 4" FROM THE SPECIFIED LOCATION PRIOR TO DRIVING AND NO MORE THEN 6" AFTER DRIVING IS COMPLETE.
 - (b) PLUMB: PILES SHALL BE NO MORE THEN 1" OUT OF VERTICAL PLANE ACROSS A DISTANCE OF 48".
 - (9) THE CONTRACTOR SHALL MAINTAIN AN ACCURATE DRIVING LOG FOR EACH PILE. AT A MINIMUM THE LOG SHALL INCLUDE BLOWS PER FOOT OF INSTALLATION, TOTAL LENGTH OF PILE, AND LENGTH OF CUT OFF.
 - (10) WITHDRAW DATURE OR DEFECTIVE PILES AND PILES THAT EXCEED DRIVING TOLERANCES, FILL HOLES AND INSTALL NEW PILES.
- E. **TIMBER FRAMING:**
- (1) MISCELLANEOUS TIMBER FRAMING MEMBERS SHALL BE PRESSURE TREATED NO. 2 SOUTHERN PINE, OR STRONGER, EXCEPT PROVIDE NO. 1 SOUTHERN PINE FRAMING WHERE INDICATED.
 - (2) ALL PRESSURE TREATED LUMBER THAT IS CUT IN FIELD SHALL BE TREATED WITH COPPER NAPHTHENATE.
 - (3) ALL TIMBER FRAMING SHALL BE PRESSURE TREATED AS FOLLOWS:
ACQ ALKALINE COPPER QUATERNARY 0.25 PCF
CA COPPER AZOLE 0.15 PCF
 - (4) BEAMS CONSTRUCTED OF MULTIPLE MEMBERS SHALL BE SECURED WITH 3-10d NAILS @ 12"o.c. (EACH SIDE) MINIMUM.
 - (5) ALL ROUGH EDGES SHALL BE SANDED AND FINISHED WITH ROUNDED EDGES. ALL LUMBER TAGS AND STAPLES SHALL BE REMOVED.
 - (6) EXCEPT WHERE FASTENERS ARE SPECIFIED, PROVIDE NAILING PATTERNS PER THE FBC.
 - (7) PRE-DRILL HOLES FOR THRU BOLTS AT NOMINAL BOLT DIAMETER PLUS 1/16".
 - (8) PRE-DRILL LEAD HOLES FOR LAG SCREWS AS FOLLOWS:
3/8"Ø LAG SCREWS - LEAD HOLE TO BE 15/64"Ø.
1/2"Ø LAG SCREWS - LEAD HOLE TO BE 5/16"Ø.
- F. **DECKING (RAMP AND BOARDWALK):**
- (1) RAMP AND BOARDWALK SHALL BE PRESSURE TREATED 2x6 DECKING SOUTHERN YELLOW PINE NO. 2 OR GREATER.
 - (2) DECKING SHALL BE INSTALLED PERPENDICULAR TO JOISTS WITH 1/4" SIDE TO SIDE SPACING BETWEEN DECKING BOARDS.
 - (4) FASTEN DECKING TO EACH SUPPORT WITH (2) 3". #7 STAINLESS STEEL TRIM HEAD SCREWS, THREE PER BOARD AT EACH SUPPORT. SCREWS SHALL BE A MINIMUM OF 1/2" FROM THE BOARD END. SCREWS SHALL BE CONSISTENTLY PLACED FOR A UNIFORM PATTERN SCREW INTO DECKING MATERIAL 1/4".
- G. **COMPOSITE DECKING (AT LANDING):**
- (1) DECKING SHALL 2x6 MARINE GRADE COMPOSITE DECKING MANUFACTURED BY LUMBERLOCK OR APPROVED ALTERNATIVE. COLOR APPROVED BY OWNER.
 - (2) INSTALL WITH 1/4" Ø GREATER END-TO-END SPACING BETWEEN END OF BOARDS (BUTT JOINTS).
 - (3) ALL COMPOSITE LUMBER FASTENERS SHALL BE A316 STAINLESS STEEL TRIM HEAD SCREWS, AS SPECIFIED BY MANUFACTURER.
- H. **FASTENERS:**
- (1) ALL SCREWS SHALL BE FLUSH OR SLIGHTLY COUNTERSUNK.
 - (2) ALL THRU BOLTS, INCLUDING NUTS AND WASHERS SHALL BE GALVANIZED.
 - (3) ALL NAILS SHALL BE HOT DIPPED GALVANIZED.
 - (4) UNLESS NOTED OTHERWISE, ALL SCREWS SHALL BE A MINIMUM OF #7 STAINLESS STEEL TRIM HEAD SCREWS WITH 3/4" MINIMUM EMBEDMENT. A MINIMUM OF TWO FASTENERS PER MEMBER AT EACH SUPPORT.



BOARDWALK ALIGNMENT

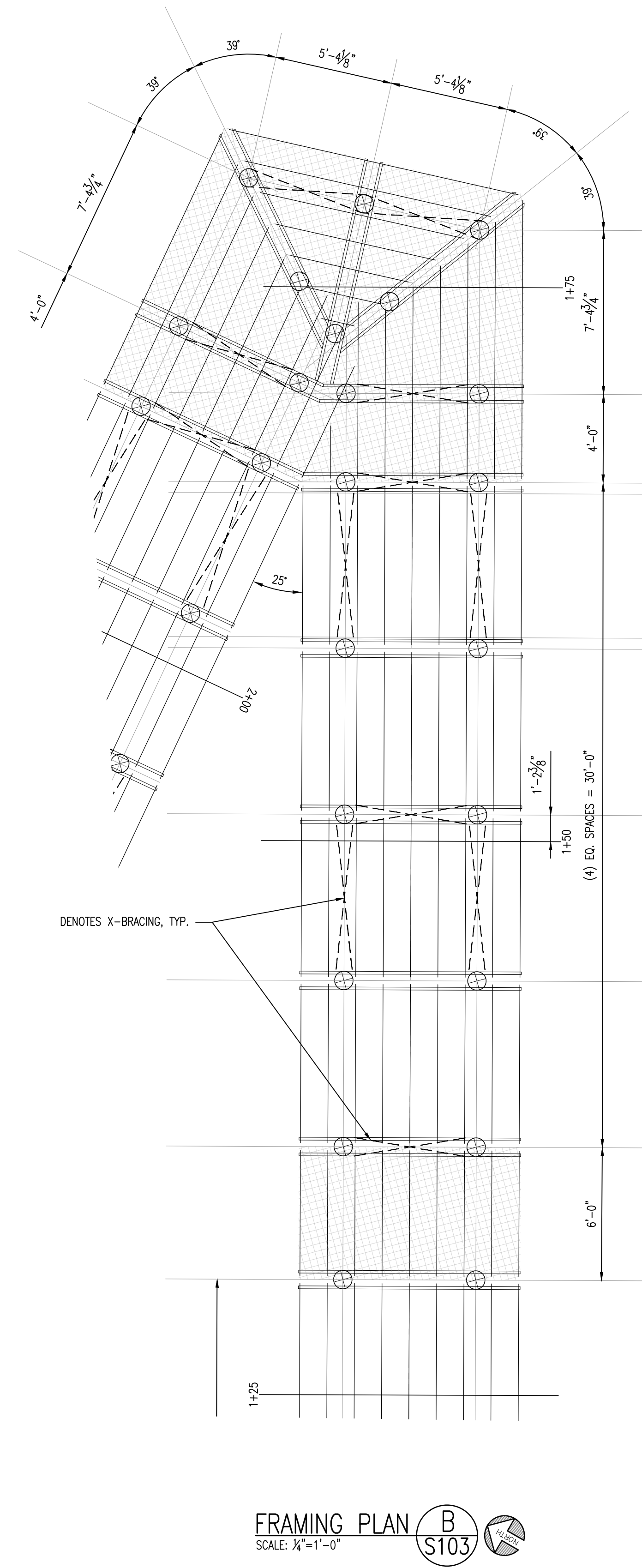
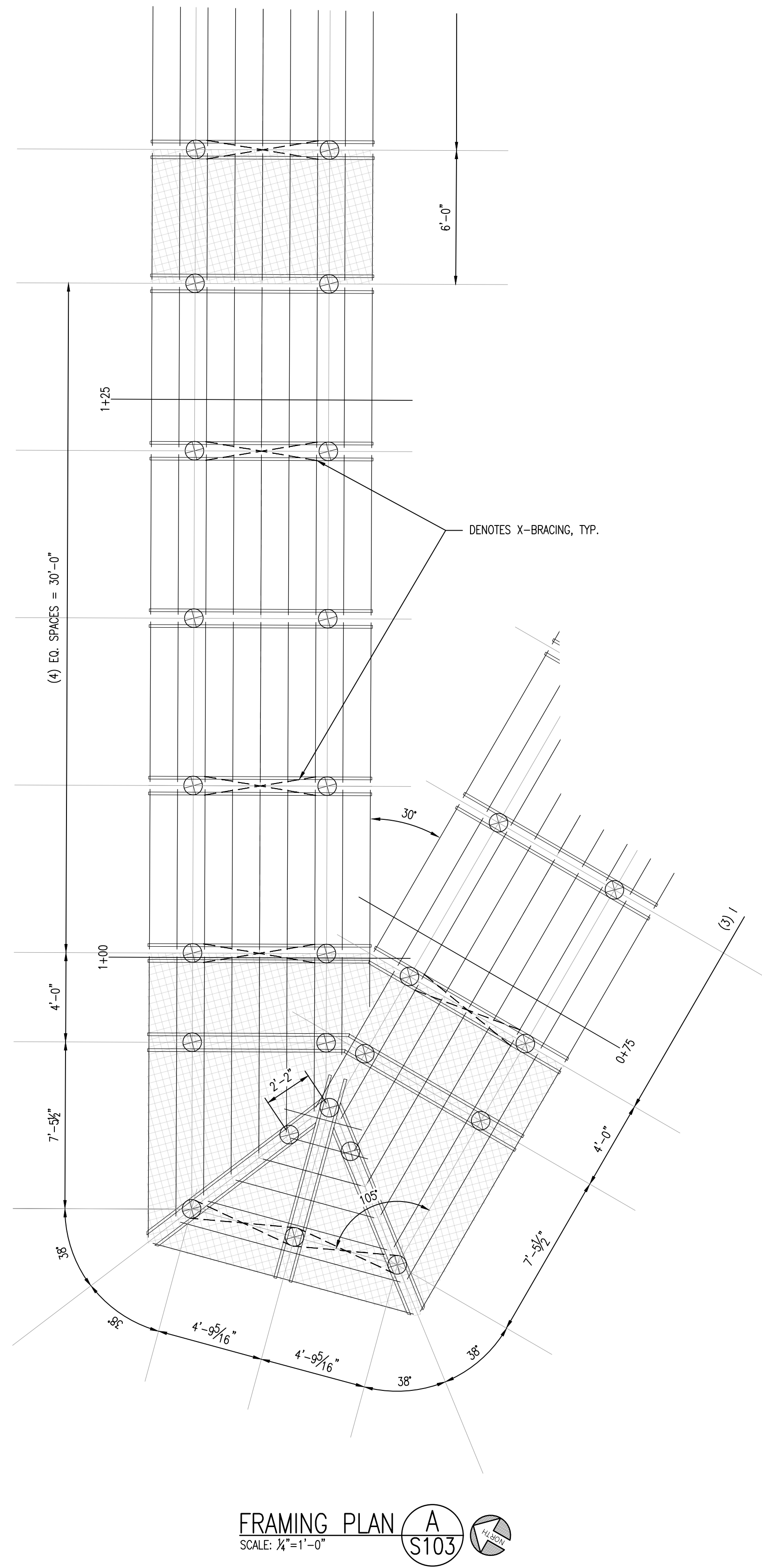


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SHEET NO.

S101

SHEET NO.	ICHETUCKNEE SPRINGS STATE PARK 12087 SOUTHWEST U.S. 27, FORT WHITE, FL 32038		PROFESSIONAL REGISTRATION STATE OF FLORIDA FLORIDA ENGINEER #78674	DESIGNER : MRA/LMA DRAWN BY: MRA/LMA CHECKED BY: PMM		ISSUE DATE: 5/2/2022 COMP. FILE NO.: 14-0210.039 STATE PROJECT NO.: 61361C		REVISION DATE		REVISION DATE	
	SHEET TITLE STRUCTURAL NOTES AND LAYOUTPLAN			CONSULTANT :		SYMBOL A B		SYMBOL C D		SYMBOL E F	
PROJECT TITLE ICHETUCKNEE SPRINGS STATE PARK MID POINT ADA ACCESS IMPROVEMENTS			 DRMP DESIGNER, ENGINEER, PLANNER, ARCHITECT Certificate of Authorization No. 2848 Tallahassee, Florida 32317 Phone: 850.582.9600 WWW.DRMP.COM <i>Department of Environmental Protection</i> <i>Office of Operations</i> <i>Bureau of Design and Construction</i> 3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300								

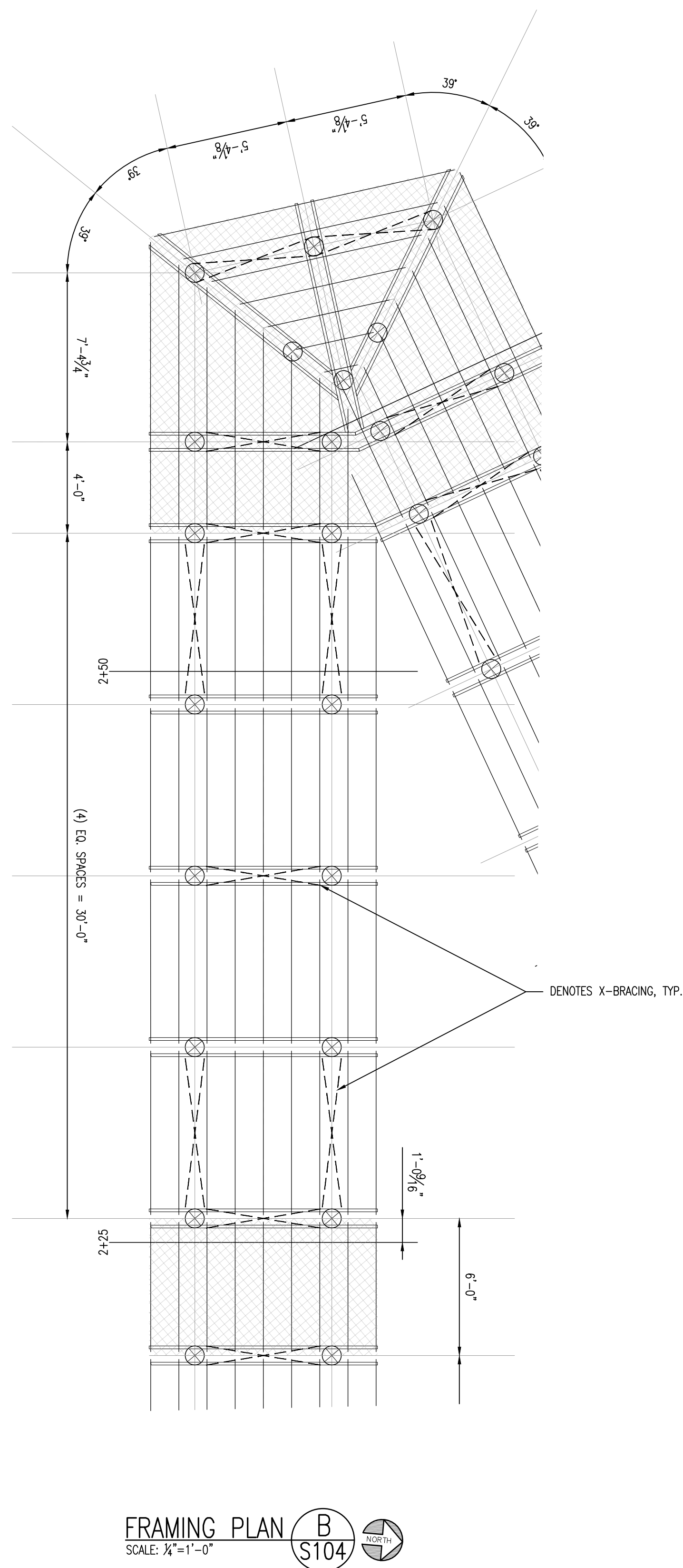


PLAN & PROFILE NOTES:

1. ALL TIMBER PILES SHALL BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDATIONS PRESENTED IN THE GEOTECHNICAL REPORT.
2. ALL REFERENCE STATIONING AND DIMENSIONS ARE GIVEN BASED ON THE CENTERLINE OF THE BOARDWALK.
3. SEE DETAIL SHEET S201 FOR TYPICAL CONSTRUCTION DETAILS.



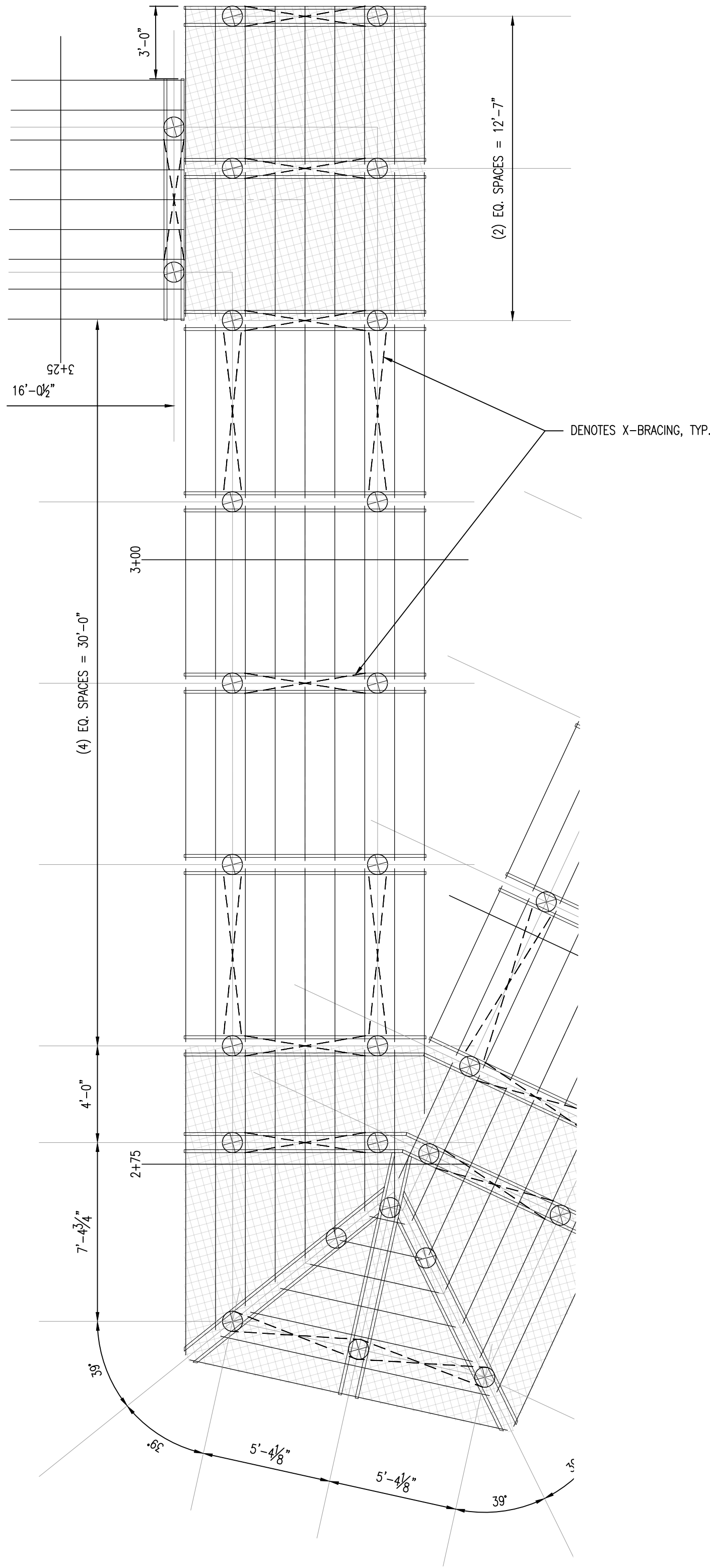
SHEET NO.	ICHETUKNEE SPRINGS STATE PARK 12087 SOUTHWEST U.S. 27, FORT WHITE, FL 32038	PROFESSIONAL REGISTRATION FLORIDA ENGINEER FLORIDA ENGINEER #78674	DESIGNER : MRA/LMA DRAWN BY: MRA/LMA REVIEWED BY: PWM	ISSUE DATE: 5/2/2022 COMP. FILE NO.: 14-0210.039 STATE PROJECT NO.: 61361C	REVISION	DATE
	SHEET TITLE FRAMING PLANS				SYMBOL A	DATE
PROJECT TITLE ICHETUKNEE SPRINGS STATE PARK MID POINT ADA ACCESS IMPROVEMENTS	Consultant :  DRMP Design & Research Management Professionals Certificate of Authorization No. 2848 1025 Summit Lake Drive Tallahassee, FL 32310 Phone: 850-432-8600 WWW.DRMP.COM			Department of Environmental Protection Office of Operations Bureau of Design and Construction 3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300		



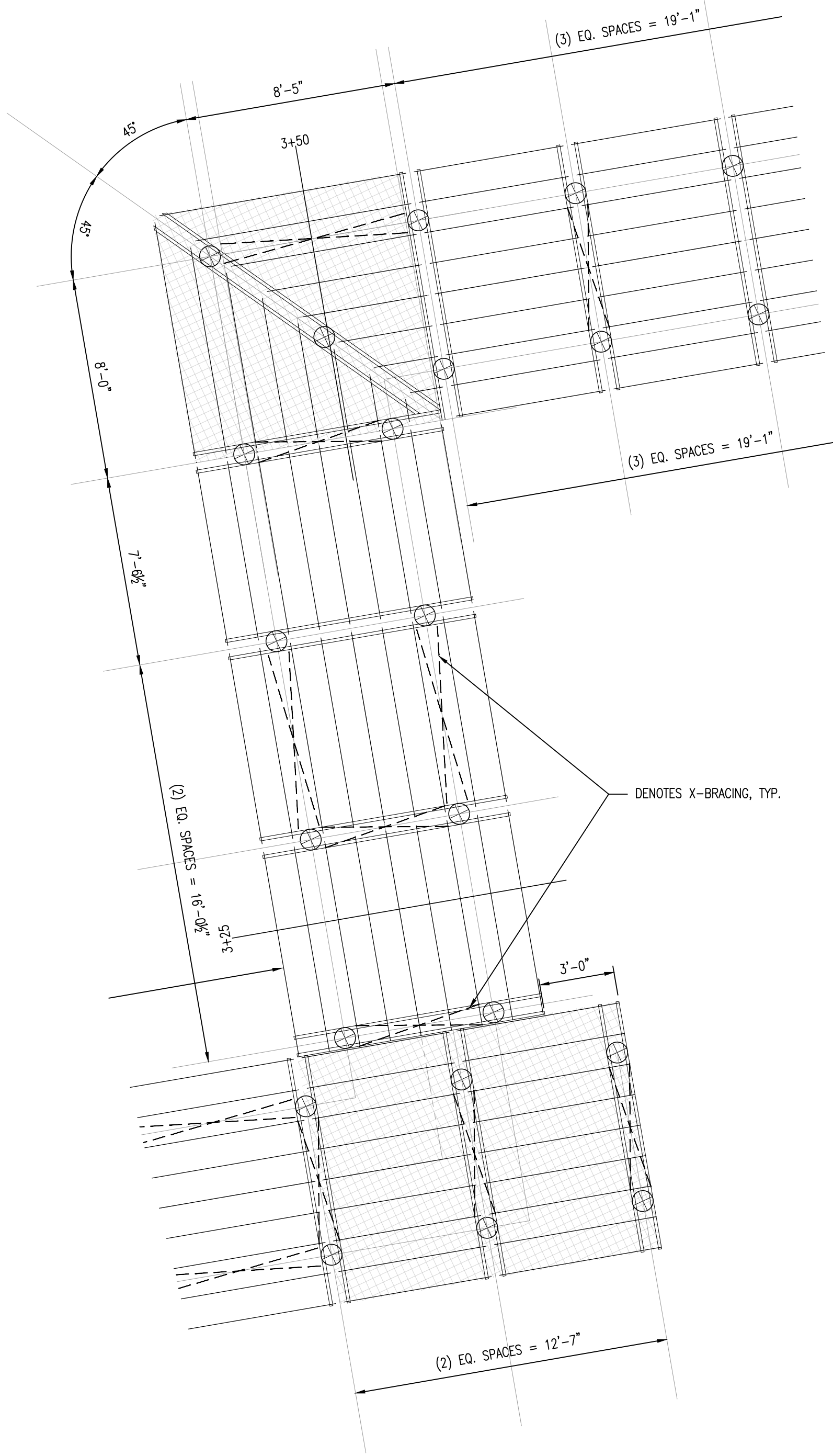
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SHEET NO.	ICHETUKNEE SPRINGS STATE PARK 12087 SOUTHWEST U.S. 27, FORT WHITE, FL 32038	PROFESSIONAL REGISTRATION FLORIDA ENGINEER #78674	DESIGNER : MRA/LMA	ISSUE DATE: 5/2/2022						
	SHEET TITLE		DRAWN BY: MRA/LMA	COMP. FILE No.: 14-0210.039	SYMBOL	DATE	REVISION	SYMBOL	DATE	REVISION
	FRAMING PLANS		REVISED BY: PWM	STATE PROJECT No.: 61361C						
	PROJECT TITLE ICHETUKNEE SPRINGS STATE PARK MID POINT ADA ACCESS IMPROVEMENTS		DRMP ENGINEERS SURVEYORS PLANNERS & DESIGNERS Certified Professional Engineer No. 2648 625 Summit Lake Drive Tallahassee, Florida 32317 Phone 850.562.9600 WWW.DRMP.COM							
			<i>Department of Environmental Protection</i> <i>Office of Operations</i> <i>Bureau of Design and Construction</i> 3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300							



FRAMING PLAN A
SCALE: 1/4"=1'-0"



FRAMING PLAN B
SCALE: 1/4"=1'-0"

- PLAN & PROFILE NOTES:
1. ALL TIMBER PILES SHALL BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDATIONS PRESENTED IN THE GEOTECHNICAL REPORT.
 2. ALL REFERENCE STATIONING AND DIMENSIONS ARE GIVEN BASED ON THE CENTERLINE OF THE BOARDWALK.
 3. SEE DETAIL SHEET S201 FOR TYPICAL CONSTRUCTION DETAILS.

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SHEET NO.	PROJECT TITLE	SHEET TITLE	PROFESSIONAL REGISTRATION BENJAMIN R. LENNON, P.E. FLORIDA ENGINEER #75674	DESIGNER :	MRA/LMA	ISSUE DATE:	5/2/2022	SHEET NO.	SYMBOL	REVISION	DATE				
				DRAWN BY:	MRA/LMA	COMP. FILE NO.:	14-0210.039	SHEET NO.	SYMBOL	REVISION	DATE				
				REVIEWED BY:	PMM	STATE PROJECT NO.:	61361C	SHEET NO.	SYMBOL	REVISION	DATE				
				Consultant :								SHEET NO.	SYMBOL	REVISION	DATE
				DRMP DESIGNERS • ENGINEERS • PLANNERS • SCIENTISTS Certified Professional Engineer No. 2646 1626 Summit Lake Drive Tallahassee, Florida 32317 Phone: 850.622.9600 WWW.DRMP.COM								Department of Environmental Protection Office of Operations Bureau of Design and Construction 3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300			
FRAMING PLANS				ICHETUCKNEE SPRINGS STATE PARK								MID POINT ADA ACCESS IMPROVEMENTS			
S105															

S105



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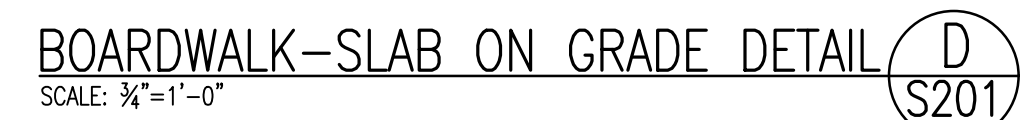
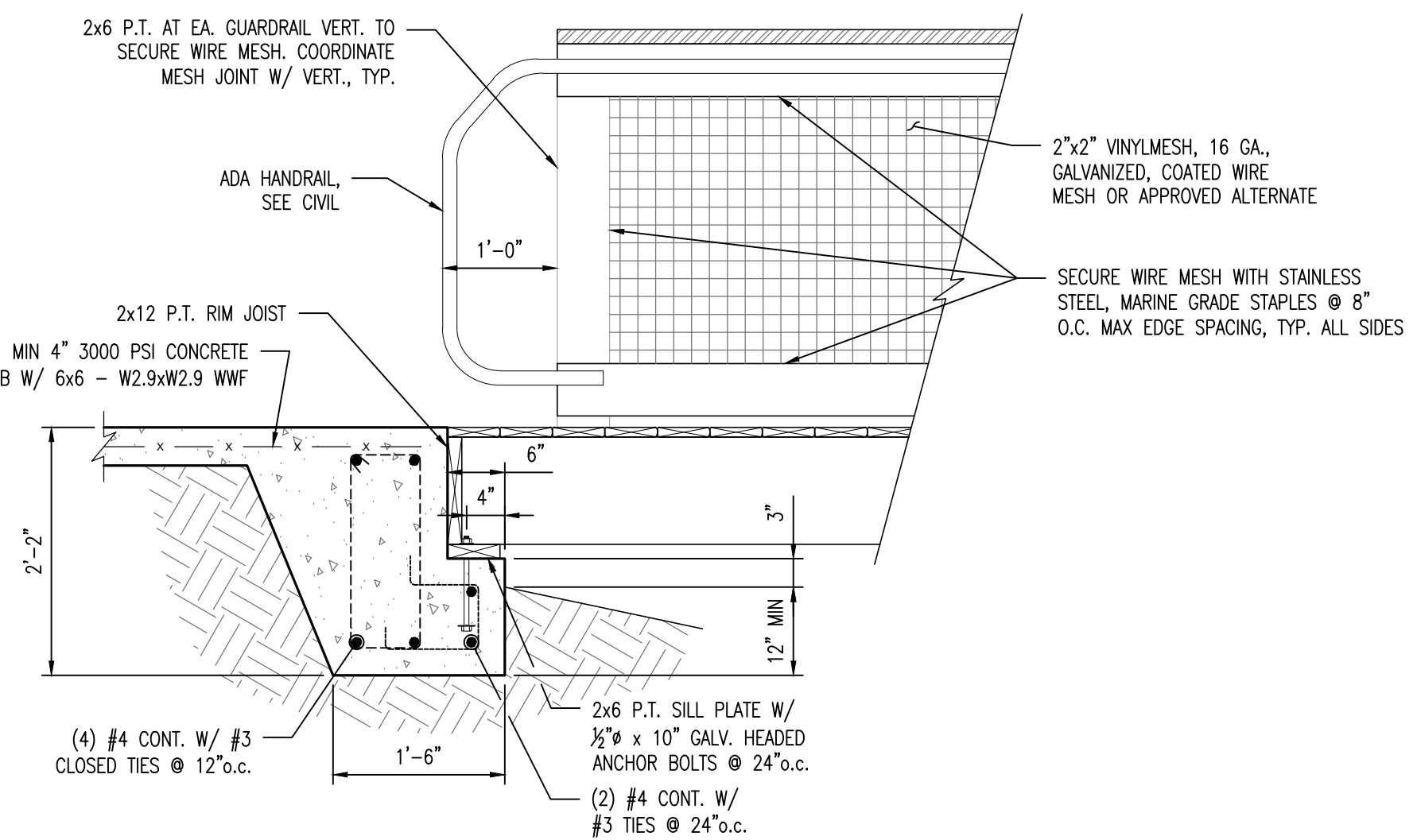
SHEET NO.	ICHETUCKNEE SPRINGS STATE PARK 12087 SOUTHWEST U.S. 27, FORT WHITE, FL 32038		PROFESSIONAL REGISTRATION BOB L. LUTCH, P.E. FLORIDA ENGINEER #78674	
	SHEET TITLE			
	FRAMING PLANS			
	PROJECT TITLE			
	ICHETUCKNEE SPRINGS STATE PARK MID POINT ADA ACCESS IMPROVEMENTS			

DESIGNER :	MRA/LMA	ISSUE DATE:	5/2/2022	SUBMITTAL	DATE
DRAWN BY:	MRA/LMA	COMP. FILE NO.:	14-0210.039	REVISION	DATE
REVIEWED BY:	PMM	STATE PROJECT NO.:	61361C	SYMBOL	SYMBOL
Consultant :				(A)	(B)



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 3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300



- NOTES:
 - 1) PER ADA REQUIREMENTS: HANDRAIL SHALL BE ANCHORED TO PROVIDE CLEAR SPACE OF 1½" FROM BACK OF HANDRAIL TO FACE OF 2x6 – INLAY TYPE 2 BRACKET AS REQD. TO ACHIEVE 1½" CLEARANCE. INLAYS SHALL BE CONSTRUCTED UTILIZING ROUTER TEMPLATES AND VISUAL QUALITY.
 - 2) WHERE RAMP SYSTEMS TERMINATE, ADA HANDRAIL SHALL EXTEND 18" BEYOND THE TOE OF THE RAMP, PARALLEL WITH THE WALKING SURFACE.
 - 3) LOCATIONS TO PROVIDE ADA HANDRAIL IN CONNECTIONS WHERE BOARDWALK SLOPE IS 5% OR GREATER.
 - 4) HANDRAIL TO HAVE FLAT OR LEVEL EXTENSION OF 12" MIN. PAST THE EXTENT OF THE SLOPED PORTION. EXTENSION TO OCCUR AT TOP AND BOTTOM OF SLOPED AREA, TYP.

[illegible]