

Plotted By: Philo, Andrew, Sheet Set: HI HAT RANCH FRUITVILLE BORROW PIT, Layout: A-1 COVER SHEET, July 26, 2023, 01:08:18pm, Kimley-Horn and Associates, Inc. This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and consultation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

GENERAL NOTES:

- MEASURES SHALL BE INSTITUTED AND MAINTAINED AROUND ALL PRESERVATION AREAS DURING CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICES (BMPs) CONTAINED IN THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, JULY 2013 OR EQUIVALENT.
- ALL AREAS DESIGNATED AS "PRESERVE" TO BE CLEARLY DELINEATED PRIOR TO INITIATION OF CONSTRUCTION
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE SARASOTA COUNTY LAND DEVELOPMENT REGULATIONS.
- THE CONTRACTOR SHALL RETAIN ON THE WORK SITE AT ALL TIMES COPIES OF ALL PERMITS NECESSARY FOR CONSTRUCTION.

GENERAL CONSTRUCTION NOTES:

- THERE SHALL BE NO CHANGE OR DEVIATION FROM THESE PLANS UNLESS PRIOR APPROVAL BY THE ENGINEER
- ALL CLEARING AND GRUBBING DEBRIS TO BE BURNED OR REMOVED FROM SITE AND IS PART OF CLEARING AND GRUBBING ITEM
- IT IS THE INTENT OF THE OWNER THAT CERTAIN TREES BE DESIGNATED TO BE SAVED AND PROTECTED BY THE CONTRACTOR. IT IS ASSUMED THESE TREES ARE HEALTHY AND ARE EXPECTED TO BE PART OF THE LANDSCAPE DEVELOPMENT; THEREFORE, IF ANY TREE(S) DAMAGED BY CONSTRUCTION OPERATION OR BY OTHER MEANS (EXCLUDING LIGHTNING, WINDSTORM AND OTHER ACTS OF GOD) PERISHES WITHIN THE CONSTRUCTION PERIOD, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND DISPOSE OF THESE TREES. NO ADDITIONAL COMPENSATION WILL BE MADE BY THE OWNER OR THE LABOR, MATERIAL OR MACHINERY REQUIRED TO REMOVE SAID TREE(S) EXOTIC VEGETATION (E.G., MELLELICK AND BRAZILIAN PEPPER) EXISTING WITHIN THE PROJECT AREA SHALL BE REMOVED AND PROPERLY DISPOSED OF IN AN APPROVED LANDFILL OR AS OTHERWISE APPROVED BY THE SARASOTA COUNTY RESOURCE PROTECTION SERVICES.
- WHERE EXCAVATIONS ARE IN CLOSE PROXIMITY OF TREES, THE CONTRACTOR SHALL USE EXTREME CARE IN NOT DAMAGING THE ROOT SYSTEM. NO EQUIPMENT, SUPPLIES OR VEHICLES SHALL BE STORED OR PARKED WITHIN THE DROP LINE OF TREES TO REMAIN AND BE PRESERVED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ALL OF HIS EMPLOYEES AND SUBCONTRACTORS OF THIS REQUIREMENT AND TO ENFORCE SAME.
- LAY SOD AROUND ALL INLETS, MITERED ENDWALLS, HEADWALLS, SLOPES, LAKE SLOPES, AND TWO FEET (2') WIDE STRIP ADJACENT TO ALL CURBING, AND AS DIRECTED BY THE ENGINEER. ALL PROPOSED GROUND ELEVATIONS ARE FINISHED SOD ELEVATIONS. FINISH EARTHWORK GRADING WILL BE 0.2 FEET BELOW ELEVATIONS SHOWN TO ALLOW FOR SOD THICKNESS. SODDING INCLUDES MAINTAINING SLOPES AND SOD UNTIL COMPLETION AND ACCEPTANCE OF TOTAL PROJECT OR GROWTH IS ESTABLISHED WHICHEVER COMES LAST. ALL EROSION SITUATION AND MAINTAINING GRADES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THEN.
- "CALL SUNSHINE" (1-800-432-4770), COMCAST, FLORIDA POWER & LIGHT CO., SARASOTA COUNTY UTILITIES DEPARTMENT, AND FRONTIER POWER TO CLARIFY AND CONNECTION TO EXISTING UTILITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT EXISTING UTILITIES FROM DAMAGE.
- ALL UTILITY LINES, STORM DRAIN LINES AND ACCESSORIES SUCH AS, BUT NOT LIMITED TO: MANHOLES, CLEANOUTS, SEWER AND WATER SERVICES, VALVES, FIRE HYDRANTS AND INLETS WILL BE CONSTRUCTED TO ALIGNMENT AND LOCATIONS SHOWN ON PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- CLEARING, GRUBBING, STRIPPING, AND COMPACTION WILL BE INSPECTED BY THE ENGINEER PRIOR TO FILLING.
- PRIOR TO THE START OF CONSTRUCTION ACTIVITIES, PRESERVE AREAS, EXISTING LAKES & WATERWAYS WITHIN AND ADJOINING THE AREA OF CONSTRUCTION ACTIVITY SHALL BE PROTECTED BY ERECTION OF TREE PROTECTION BARRIAGES AND/OR SILT BARRIERS. TREE PROTECTION BARRIAGES SHALL MEET THE STANDARDS OF THE SARASOTA COUNTY TREE PROTECTION ORDINANCE. SILT BARRIERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "BETTER MANAGEMENT PRACTICES PLAN" AND THE "BMP DETAILS" SHOWN ON DWGS B-1 AND B-2. THESE PLANS, THE ENGINEER WILL DETERMINE THE EXTENT AND TYPE OF PROTECTIVE MEASURES TO BE CONSTRUCTED FOR PROTECTION OF PRESERVE AREA SUBJECT TO THE APPROVAL OF THE SARASOTA COUNTY RESOURCE PROTECTION SERVICES. THE RESOURCE PROTECTION SERVICES SHALL BE NOTIFIED WHEN PRESERVE AREA BARRIAGES AND BARRIERS ARE IN PLACE.
- THE SITE CONSTRUCTION STAKEOUT SHALL BE PERFORMED UNDER THE DIRECTION OF A FLORIDA REGISTERED SURVEYOR. AUTOCAD FILES WILL BE FURNISHED TO AID IN THE SITE CONSTRUCTION STAKEOUT. ANY DISCREPANCIES FOUND BETWEEN THE AUTOCAD FILES AND SITE CONSTRUCTION PLANS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR CLARIFICATION PRIOR TO THAT STAKEOUT.
- ALL DRAINAGE PIPE JOINTS WILL BE WRAPPED PER FDOT STANDARD PLANS INDEX NO. 430-001.
- ROADWAY AND DRAINAGE STRUCTURES SHALL MEET FDOT STANDARD SPECIFICATIONS SECTION 346 OF 3000 PSI CONCRETE.
- THE WETLAND AND ASSOCIATED UPLAND VEGETATIVE BUFFER SHALL BE MAINTAINED IN ACCORDANCE WITH MANAGEMENT GUIDELINES CONTAINED WITHIN THE COMPREHENSIVE PLAN AS A CONSERVATION AREA OR PRESERVE. ALL ACTIVITIES INVOLVING FILLING, EXCAVATING, WELL DRILLING, ALTERING VEGETATION (INCLUDING TRIMMING OF BOTH TREES AND UNDERSTORY) AND STORING OF MATERIALS SHALL BE PROHIBITED WITHIN THE PRESERVATION AREAS, UNLESS WRITTEN APPROVAL IS FIRST OBTAINED FROM RESOURCE PROTECTION SERVICES TO FACILITATE IMPLEMENTATION OF APPROVED HABITAT MANAGEMENT PLANS OR THE REMOVAL OF NUISANCE/INVASIVE VEGETATION.
- A TREE REMOVAL AND PROTECTION PERMIT WILL BE REQUIRED PRIOR TO ANY CONSTRUCTION, CLEARING OR TREE REMOVAL. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH SARASOTA COUNTY CODE, CHAPTER 54, ARTICLE XVIII.
- EROSION AND SEDIMENT CONTROL. BMPs IN ADDITION TO THOSE PRESENTED ON THE PLANS AND OUTLINED IN THE EROSION AND SEDIMENT CONTROL PLAN (ECP), BEST MANAGEMENT PRACTICES (BMP) PLAN, OR STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE IMPLEMENTED AS NECESSARY TO PREVENT TURBID DISCHARGES FROM FLOWING ONTO ADJACENT PROPERTIES OR ROADWAYS. OFF SITE SURFACE WATER CONVEYANCES OR RECEIVING WATERS, OR ON SITE WATERSHEDS AND SURFACE WATERS. BMPs SHALL BE DESIGNED, INSTALLED, AND MAINTAINED BY THE SITE OPERATOR TO ENSURE THAT OFF SITE SURFACE WATER REMAINS CONSISTENT WITH STATE AND LOCAL REGULATIONS. THE OPERATOR IS THE ENTITY THAT OWNS OR OPERATES THE CONSTRUCTION ACTIVITY AND HAS AUTHORITY TO CONTROL THOSE ACTIVITIES AT THE PROJECT NECESSARY TO ENSURE COMPLIANCE.
- OFFSITE SURFACE WATER DISCHARGES, DISCHARGES TO THE MSA, OR DISCHARGES TO ONSITE WETLANDS OR SURFACE WATERS WITH TURBIDITY IN EXCESS OF 20 NEPHELOMETRIC TURBIDITY UNITS (NTU) ABOVE BACKGROUND LEVEL SHALL BE IMMEDIATELY CORRECTED. SUCH INCIDENTS SHALL BE REPORTED TO SARASOTA COUNTY WITHIN 24 HOURS OF THE OCCURRENCE (PH: 941.861.5000; EMAIL: REPORTPOLLUTION@SCOV.NET). THE REPORT SHALL INCLUDE THE CAUSE OF THE DISCHARGE AND CORRECTIVE ACTIONS TAKEN.
- THE OPERATOR SHALL ENSURE THAT ADJACENT PROPERTIES ARE NOT IMPACTED BY WIND EROSION, OR EMISSIONS OF UNCONTAINED PARTICULATE MATTER IN ACCORDANCE WITH RULE 62-296.320(4)(c)1, F.A.C., BY TAKING APPROPRIATE MEASURES TO STABILIZE AFFECTED AREAS.
- FUEL AND OTHER PETROLEUM PRODUCT SPILLS THAT ENTER STORMWATER DRAINS OR WATERBODIES, OR FUEL AND OTHER PETROLEUM PRODUCT SPILLS THAT ARE IN EXCESS OF 25 GALLONS SHALL BE CONTAINED, CLEANED UP, AND IMMEDIATELY REPORTED TO SARASOTA COUNTY (PH: 941.861.5000; EMAIL: REPORTPOLLUTION@SCOV.NET). SMALLER GROUND SURFACE SPILLS SHALL BE CLEANED UP AS SOON AS PRACTICAL.

CONSERVATION ENVIRONMENTAL PERMITTING

STANDARD GENERAL COMMENTS

- IMPACTS TO STATE AND FEDERALLY PROTECTED SPECIES AS LISTED IN THE MOST CURRENT VERSION OF "FLORIDA'S ENDANGERED SPECIES, THREATENED SPECIES AND SPECIES OF SPECIAL CONCERN: OFFICIAL LIST" PREPARED BY THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION (FWC) ARE NOT AUTHORIZED BY THIS PERMIT. THESE SPECIES MAY INCLUDE, BUT ARE NOT LIMITED TO, FLORIDA SCRUB JAY, AMERICAN BALD EAGLE, SHERMAN'S FOX SQUIRREL, BURROWING OWL, GOPHER TORTOISE, GOPHER FROG, AND EASTERN INDIAN SNAKE. PROTECTION EXTENDS TO THE NESTS, BURROWS AND HABITAT UTILIZED BY THESE SPECIES. IF A LISTED SPECIES (OR ITS EVIDENCE, SUCH AS BURROWS, NESTS, SCAT, TRACKS) THAT WAS NOT ADDRESSED IN THIS PERMIT IS OBSERVED PRIOR TO OR DURING CONSTRUCTION, ALL CLEARING AND EARTHMOVING ON-SITE SHALL CEASE. THE PERMITTEE SHALL CONSULT WITH THE FWC REGIONAL OFFICE AND/OR THE U.S. FISH AND WILDLIFE SERVICE REGIONAL OFFICE REGARDING NECESSARY PROTECTION MEASURES AND PROVIDE EVIDENCE OF SUCH CONSULTATION TO RESOURCE PROTECTION SERVICES PRIOR TO RESUMING WORK.
- IF ANY TYPE A FILL (CLEAN EARTHEN MATERIAL) IS TO BE HAULED OFF-SITE, AN EARTHMOVING PERMIT OR LETTER OF EXEMPTION IS REQUIRED FROM RESOURCE PROTECTION SERVICES. IF ANY TYPE A FILL HAULED OFF-SITE IS TO BE STOCKPILED OR FILLED UPON PRIVATE PROPERTIES WITHIN THE UNINCORPORATED AREAS OF SARASOTA COUNTY, THE RECEIVING PROPERTY(S)SHALL POSSESS AUTHORIZATION IN THE FORM OF AN EARTHMOVING PERMIT, A WRITTEN EARTHMOVING EXEMPTION, A BUILDING PERMIT, OR CONSTRUCTION PLAN APPROVAL PRIOR TO RECEIVING SAID FILL. NO TYPE B (CONCRETE, ASPHALT, ROCKS), TYPE C (RECEIVING LAND CLEARING DEBRIS), OR TYPE D (DAGGERS, REFUSE, WOOD, METAL, PLASTIC, ETC.) FILL MAY BE BURIED WITHIN OR OUTSIDE APPROVED CONSTRUCTION LIMITS. TYPE D FILL MUST BE DISPOSED AT AN APPROVED LANDFILL OR RECYCLING FACILITY. TYPE B, C, AND D FILLS GENERATED ON-SITE SHALL NOT BE STOCKPILED ON-SITE FOR GREATER THAN SIX MONTHS. TYPE B, C, AND D FILLS SHALL NOT BE HAULED TO OR FROM OFF-SITE FOR INFORMATION FOR INFORMATION ABOUT EARTHMOVING PERMITS OR EXEMPTIONS, CONTACT ENVIRONMENTAL PERMITTING AT 941-861-3000. IF FILL MATERIAL IS TO BE STOCKPILED WITHIN THE APPROVED CONSTRUCTION LIMITS, THE PROJECT ENGINEER MUST PROVIDE DETAILED DRAWINGS TO LAND DEVELOPMENT SERVICES FOR REVIEW AND APPROVAL.

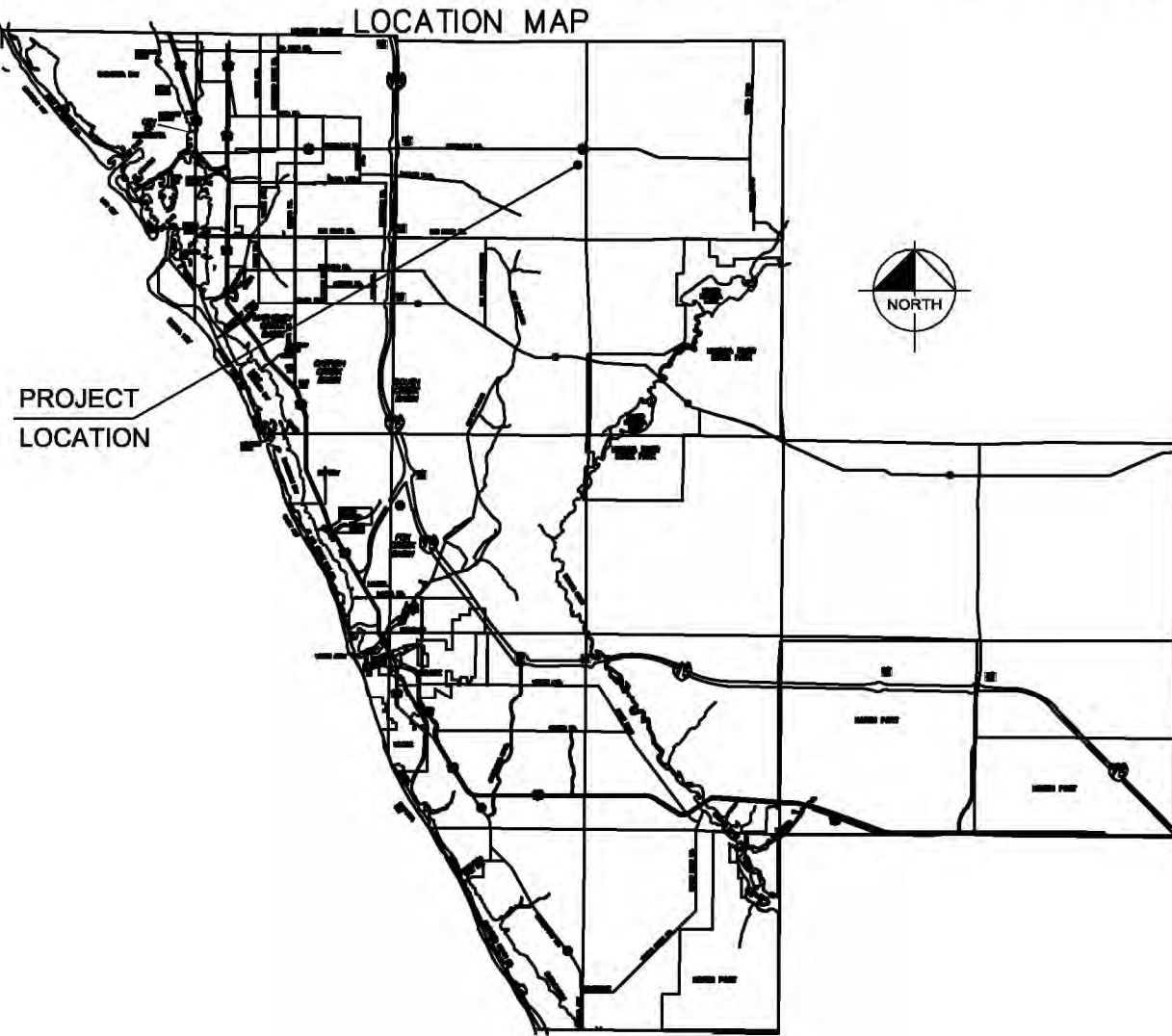
GENERAL CONSTRUCTION NOTES (CONT'D):

- IF PREVIOUSLY UNKNOWN RECOGNIZED ENVIRONMENTAL CONDITIONS (E.G. CONTAMINATED SOIL AND/OR GROUNDWATER, BURIED WASTES, ETC.) ARE DISCOVERED DURING DEVELOPMENT OF THE SITE, ALL ACTIVITY IN THE IMMEDIATE VICINITY SHALL CEASE, AND SARASOTA COUNTY SHALL BE CONTACTED (PH: 941.861.5000; EMAIL: REPORTPOLLUTION@SCOV.NET).
- PRIOR TO RENOVATION OR DEMOLITION OF EXISTING ON SITE STRUCTURES AN ASBESTOS SURVEY AND/OR ASBESTOS NOTIFICATION MAY BE REQUIRED.
- FERTILIZER APPLICATION SHALL BE CONSISTENT WITH CHAPTER 54, ARTICLE XXXIII (FERTILIZER AND LANDSCAPE MANAGEMENT) OF THE SARASOTA COUNTY CODE.
- NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM - STORMWATER:
I. NPDES CONSTRUCTION GENERIC PERMIT COVERAGE SHALL BE OBTAINED AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION COMMENCEMENT IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (AKA: CONSTRUCTION GENERIC PERMIT, OR CGP).
II. A COPY OF THE CERTIFIED NPDES NOI, OR A COPY OF THE FDEP COVERAGE CONFIRMATION LETTER SHALL BE POSTED AT THE SITE IN ACCORDANCE WITH PART 2.6 OF THE GENERIC PERMIT, AND AS PER SEC 54-187(G)(1) OF THE SARASOTA COUNTY CODE.
III. A COPY OF THE CERTIFIED NPDES NOI OR A COPY OF THE FDEP COVERAGE CONFIRMATION LETTER SHALL BE PROVIDED TO SARASOTA COUNTY WITHIN 7 CALENDAR DAYS IN ACCORDANCE WITH PART 2.6 OF THE GENERIC PERMIT, AND SEC. 54-187(G)(1) OF THE SARASOTA COUNTY CODE.
IV. THE SWPPP SHALL BE CERTIFIED IN ACCORDANCE WITH PART 4.6 OF THE GENERIC PERMIT, AND A COPY OF THE CERTIFIED DOCUMENT SHALL BE SUBMITTED TO SARASOTA COUNTY AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION PER SEC 54-187(G)(1) OF THE SARASOTA COUNTY CODE.
V. A COPY OF THE SWPPP, AND COPIES OF THE INSPECTION AND MAINTENANCE RECORDS SHALL BE MAINTAINED AT THE PROJECT SITE, AND SHALL BE READILY AVAILABLE TO COUNTY OR STATE INSPECTORS PER SEC 54-187(G)(1) OF THE SARASOTA COUNTY CODE.
- NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM - DEWATERING: IF NOT OTHERWISE COVERED AS OUTLINED UNDER PART 3.4 OF THE GENERIC PERMIT, THE DISCHARGE OF GROUNDWATER PRODUCED THROUGH DOWTERING, TO SURFACE WATERS, OR TO ANY PORTION OF THE MSA WILL REQUIRE SEPARATE PERMITTING FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP). PERMITS SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF DEWATERING. ANALYTICAL RESULTS FROM PRE-DISCHARGE TESTING SHALL BE PROVIDED TO SARASOTA COUNTY PURSUANT TO SECTION 54-185(B) OF THE SARASOTA COUNTY CODE.
- THE CONTRACTOR SHALL ENSURE THAT ADJACENT PROPERTIES ARE NOT IMPACTED BY WIND EROSION OR EMISSIONS OF UNCONTAINED PARTICULATE MATTER IN ACCORDANCE WITH RULE 62-296.320(4)(c)1, FLORIDA ADMINISTRATIVE CODE, FROM THE CONSTRUCTION SITE BY TAKING ADEQUATE MEASURES TO STABILIZE AFFECTED AREAS.
- ANY WELLS DISCOVERED ON SITE THAT WILL HAVE NO USE MUST BE PLOUGED BY A LICENSED WELL DRILLING CONTRACTOR IN AN APPROVED MANNER.
- ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE SARASOTA COUNTY HEALTH DEPARTMENT, OFFICE OF ENVIRONMENTAL ENGINEERING WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
- IN THE EVENT THAT THE CONSTRUCTION SITE IS ABANDONED PRIOR TO THE PROJECT COMPLETION, ALL CONSTRUCTION AND VEGETATIVE DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED LANDFILL FACILITY.
- A SEPARATE BUILDING PERMIT MUST BE APPLIED FOR AND ISSUED FOR EVERY SIGN, WALL, OUTDOOR LIGHTING AND STRUCTURE ON THE SITE. THE APPROVAL OF THESE CONSTRUCTION PLANS DOES NOT EXEMPT THE CONTRACTOR FROM OBTAINING THE NECESSARY BUILDING PERMITS.
- ALLOY THERMOPLASTIC 100 MILS IN THICKNESS AND A MAXIMUM THICKNESS 0.15 INCH OR 150 MILS WHEN MEASURED ABOVE THE PAVEMENT SURFACE. IN ADDITION, ALL DRIVEWAYS, DIAGONAL AND TRANSVERSE LINES, MESSAGES, SYMBOLS, AND ARROWS, WHEREVER LOCATED, WILL HAVE A THICKNESS OF 0.09 INCH OR 90 MILS TO 0.12 INCH OR 120 MILS WHEN MEASURED ABOVE THE PAVEMENT SURFACE IN ACCORDANCE WITH FOOT SPECIFICATIONS SECTION 701 AND SARASOTA COUNTY SUPPLEMENTAL SPECIFICATION SS711.
- THE CONSTRUCTION SITE MUST COMPLY WITH NFP 1 16.4.3.1.3.2, 241: 8.7.2.3, "WATER MAINS AND HYDRANTS SHALL BE COMPLETED AND IN SERVICE (PER PHASE) PRIOR TO COMMENCING VERTICAL CONSTRUCTION ON ANY BUILDING OR BRINGING COMBUSTIBLE STOCK ON SITE." STABLE ROAD SURFACE ACCESS MUST BE PROVIDED AND MAINTAINED TO ALL AREAS OF CONSTRUCTION FOR EMERGENCY VEHICLES.
- PURSUANT TO ARTICLE 13, SECTION 124-252.01.1.6.5 OF THE SARASOTA COUNTY LOC, DRAINAGE STRUCTURES SHALL BE DESIGNED TO MINIMIZE PONDING WITHIN THE STRUCTURE.

SARASOTA COUNTY FORTUITOUS FINDS STATEMENT:

- THE FOLLOWING REQUIREMENTS APPLY TO ALL BUILDING CONSTRUCTION OR ALTERATION, OR LAND ALTERATION ACTIVITIES IN ACCORDANCE WITH ARTICLE II, CHAPTER 66 (SUB-SECTION 66-51) OF THE SARASOTA COUNTY CODE AND WITH THE HISTORIC PRESERVATION CHAPTER OF APOKISKE: THE REVISED AND UPDATED SARASOTA COUNTY COMPREHENSIVE PLAN.
a. IF EVIDENCE OF THE EXISTENCE OF HISTORIC RESOURCES IS DISCOVERED OR OBSERVED AT DEVELOPMENT SITES OR DURING DEVELOPMENT ACTIVITIES AFTER FINAL APPROVAL, ALL WORK SHALL CEASE IN THE AREA OF EFFECT AS DETERMINED BY THE DIRECTOR, THE DEVELOPER, OWNER, CONTRACTOR OR AGENT THEREOF SHALL NOTIFY THE DEPARTMENT OF HISTORICAL RESOURCES (HISTORY CENTER) WITHIN TWO WORKING DAYS. EXAMPLES OF EVIDENCE OF HISTORIC RESOURCES INCLUDE WHOLE OR FRAGMENTARY STONE TOOLS, SHELL TOOLS, ABORIGINAL OR HISTORIC POTTERY, HISTORIC GLASS, HISTORIC BOTTLES, BONE TOOLS, HISTORIC BUILDING FOUNDATIONS, SHELL MOUNDS, SHELL MIDDENS OR SAND MOUNDS. THE DIRECTOR SHALL ACCESS THE SIGNIFICANCE OF THE FINDS AND MITIGATE ANY ADVERSE EFFECTS AS SOON AS POSSIBLE, BUT NOT LATER THAN WITHIN THREE WORKING DAYS OF NOTIFICATION.
b. IF ANY HUMAN SKELETAL REMAINS OR ASSOCIATED BURIAL ARTIFACTS ARE DISCOVERED AT DEVELOPMENT SITES OR DURING DEVELOPMENT ACTIVITY, ALL WORK IN THE AREA MUST CEASE, AND THE PERMITTEE MUST IMMEDIATELY NOTIFY THE NEAREST LAW ENFORCEMENT OFFICE AND NOTIFY THE DEPARTMENT OF HISTORICAL RESOURCES WITHIN TWO WORKING DAYS. ACCORDING TO CHAPTER 872, FLORIDA STATUTES, IT IS UNLAWFUL TO DISTURB, VANDALIZE OR DAMAGE A HUMAN BURIAL.

CONSTRUCTION PLANS FOR HI HAT RANCH FRUITVILLE BORROW PIT JULY 2023 LOCATED IN SECTIONS 23/24, TOWNSHIP 36S, RANGE 19E SARASOTA COUNTY, FLORIDA



PERMIT NUMBER 22-171896-00-RE

APPLICANT:
HI HAT RANCH, LLLP
11708 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PHONE: (941) 628-8803

ENGINEER:
KIMLEY-HORN AND ASSOCIATES, INC.
1777 MAIN STREET, SUITE 200
SARASOTA, FLORIDA 34236
PHONE: (941) 379-7600
CONTACT: WILLIAM E. CONERLY, P.E.

SURVEYOR:
BRITT SURVEYING, INC.
680 US 41 BYPASS NORTH, SUITE 1
VENICE, FLORIDA 34285
PHONE: (941) 493-1396
CONTACT: RANDALL E. BRITT, P.L.S.

ENVIRONMENTAL CONSULTANT:
ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.
1191 SARASOTA CENTER BLVD.
SARASOTA, FLORIDA 34240
PHONE: (941) 313-6479
CONTACT: DANA L. WEST

GEOTECHNICAL ENGINEER:
ECS FLORIDA, LLC
4524 N. 56TH STREET
TAMPA, FLORIDA 33610
PHONE: (813) 302-1644
CONTACT: TRAVIS L. GIAFAGLIONE, P.E.

LAND USE DEVELOPMENT DATA:

PID: 0223-00-3000 AND 0225-00-3000
PRESENT ZONING: OPEN USE ESTATE 1 - OUE-1
ABUTTING ZONING: WEST : OUE-1/PUD
EAST : OUE-1
NORTH : OUE-1
SOUTH : OUR

TOTAL HI HAT RANCH, LLP AREA: 155.7 ± ACRES

CHARACTER AND INTENDED USE STATEMENT:
±155.7 ACRE COMMERCIAL BORROW PIT

ESTIMATED VEHICLE TRIPS PER DAY: ±150 TRIPS / DAY

GARBAGE: GARBAGE PICKUP WILL BE PROVIDED BY WASTE MANAGEMENT.

ROADWAYS: PRIVATE ROADS WILL BE MAINTAINED BY HI HAT RANCH, LLP

ACCESS TO THIS PROJECT IS PROVIDED DIRECT FROM FRUITVILLE ROAD (SR 780)

COMMON AREAS: TO BE MAINTAINED BY HI HAT RANCH, LLP

EASEMENTS: UTILITY EASEMENTS WILL BE PROVIDED FOR WATER LINES IN ACCORDANCE WITH SARASOTA COUNTY ORDINANCE NO. 2011-044 AND THE SARASOTA COUNTY LOC. LINES WILL BE LOCATED OUTSIDE OF PAVED AREAS WHERE PRACTICAL. DRAINAGE EASEMENTS ARE DESIGNATED ON THE PLAN.

TREE LOCATION: THE PROPOSED DEVELOPMENT AND ITS ORIENTATION TO THE EXISTING TREES IS SHOWN ON THE AERIAL SITE PLAN. TREES WILL BE PRESERVED WHERE POSSIBLE. TREE REMOVAL PERMIT WILL BE APPLIED FOR PRIOR TO CONSTRUCTION.

FEMA DESIGNATION:

NOTE: SITE IS LOCATED WITHIN FLOOD ZONE X PER FEMA PANEL NO. 12115C0160F AND 12115C0180F

ENVIRONMENTAL AND SURFACE WATER MANAGEMENT SYSTEM:

DRAINAGE SYSTEM WILL BE MAINTAINED BY HI HAT RANCH, LLLP

STATEMENT OF OWNERSHIP AND UNIFIED CONTROL:

HI HAT RANCH, LLLP
11708 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PHONE: (941) 628-8803

"COMMON AREAS" INCLUDING, BUT NOT LIMITED TO, PRIVATE RECREATION AREAS, OPEN SPACE AND LANDSCAPED AREAS, DRAINAGE AREAS, LAKES, ROADWAYS, SANCTUARIES AND ENTRANCEWAYS SHALL REMAIN UNDER THE UNIFIED OWNERSHIP AND CONTROL OF HI HAT RANCH, LLLP

ACTION PLAN SHOULD EXCESSIVE WETLAND
DRAWDOWN OCCUR:

- CLEANOUT RECHARGE DITCHES TO REMOVE SILT BUILDUP UNTIL DRAWDOWN IMPACTS SUBSIDE
- RECONFIGURE OR RESIZE RECHARGE DITCHES UNTIL DRAWDOWN IMPACTS SUBSIDE
- CEASE ALL DEWATERING ACTIVITIES UNTIL ACCEPTABLE SOLUTION IS IMPLEMENTED WITH GUIDANCE FROM SWFWM

SURVEY NOTE:

ELEVATIONS SHOWN HEREON REFER TO NGS BENCH MARK # 0000RICH AZ RESET PUBLISHED ELEVATION =33.44 FEET (NAVD 86). ALL COORDINATES SHOWN HEREON ARE GRID, FLORIDA STATE PLANE COORDINATE SYSTEM (FLORIDA WEST ZONE) (NAD83), USING FLORIDA PERMANENT REFERENCE NETWORK BASE STATION FRUIT (FRUITVILLE).

ENVIRONMENTAL PROTECTION DIVISION NOTE:

IMPACTS TO STATE AND FEDERALLY PROTECTED SPECIES AS LISTED IN THE MOST CURRENT VERSION OF "FLORIDA'S ENDANGERED SPECIES, THREATENED SPECIES AND SPECIES OF SPECIAL CONCERN: OFFICIAL LIST" (DATED BY THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION (FWC) ARE NOT AUTHORIZED BY THIS PERMIT. THESE SPECIES MAY INCLUDE, BUT ARE NOT LIMITED TO, FLORIDA SCRUB JAY, AMERICAN BALD EAGLE, SHERMAN'S FOX SQUIRREL, BURROWING OWL, GOPHER TORTOISE, GOPHER FROG, AND EASTERN INDIAN SNAKE. PROTECTION EXTENDS TO THE NESTS, BURROWS AND HABITAT UTILIZED BY THESE SPECIES. IF A LISTED SPECIES (OR ITS EVIDENCE, SUCH AS BURROWS, NESTS, SCAT, TRACKS) THAT WAS NOT ADDRESSED IN THIS PERMIT IS OBSERVED PRIOR TO OR DURING CONSTRUCTION, ALL CLEARING AND EARTHMOVING ON-SITE SHALL CEASE. THE PERMITTEE SHALL CONSULT WITH THE FWC REGIONAL OFFICE AND/OR THE U.S. FISH AND WILDLIFE SERVICE REGIONAL OFFICE REGARDING NECESSARY PROTECTION MEASURES AND PROVIDE EVIDENCE OF SUCH CONSULTATION TO THE ENVIRONMENTAL PROTECTION DIVISION PRIOR TO RESUMING WORK.

UTILITY COMPANIES:

SARASOTA COUNTY UTILITIES
1781 12TH ST
SARASOTA, FLORIDA 34236
COMCAST CABLE
1817 U.S. 41 BYPASS S
VENICE, FLORIDA 34293
FLORIDA POWER & LIGHT
5657 NORTH MCINTOSH ROAD
SARASOTA, FLORIDA 34233
FRONTIER COMMUNICATIONS
529 CLUBSIDE CIRCLE
VENICE, FLORIDA 34293

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF THE DESIGN OF THIS PROJECT, AS PREPARED UNDER MY PERSONAL DIRECTION AND CONTROL, COMPLIES WITH ALL APPLICABLE STANDARDS, INCLUDING THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS" AS ADOPTED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION PURSUANT TO SUBSECTIONS 335.075(1) AND (4), FLORIDA STATUTES AND THE SARASOTA COUNTY UDC.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY WILLIAM E. CONERLY, P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NOTE: IMPROVEMENTS WITHIN SARASOTA COUNTY RIGHT-OF-WAY ARE SHOWN ONLY FOR INFORMATIONAL PURPOSES. RIGHT-OF-WAY IMPROVEMENTS SHALL NOT BE CONSTRUCTED UNTIL SITE AND DEVELOPMENT PLAN APPROVAL.

PREPARED BY

Kimley»Horn

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1777 MAIN STREET, SUITE 200, SARASOTA, FL 34236
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WWW.KIMLEY-HORN.COM CA 00035108

WILLIAM E. CONERLY, P.E.
FLORIDA P.E. LICENSE NUMBER # 57414
CA # 00035108

DATE

CALL 2 WORKING DAYS
BEFORE YOU DIG



IT'S THE LAW!
DIAL 811
Know what's below.
Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

NOTE:

THE SITE CONSTRUCTION STAKEOUT SHALL BE PERFORMED UNDER THE DIRECTION OF A FLORIDA REGISTERED SURVEYOR. AUTOCAD FILES WILL BE FURNISHED TO AID IN THE SITE CONSTRUCTION STAKEOUT. ANY DISCREPANCIES FOUND BETWEEN THE AUTOCAD FILES AND SITE CONSTRUCTION PLANS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR CLARIFICATION PRIOR TO THAT STAKEOUT.

GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN A COPY OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION) AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO COMMENCING WORK, AND, UNLESS OTHERWISE NOTED, ALL WORK SHALL CONFORM AS APPLICABLE TO THESE STANDARDS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING TREES, STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
3. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE HE COMMENCES ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. A LIST OF THE UTILITY COMPANIES WHICH THE CONTRACTOR MUST CALL BEFORE COMMENCING WORK IS PROVIDED ON THE COVER SHEET OF THESE CONSTRUCTION PLANS. THIS LIST SERVES AS A GUIDE ONLY AND IS NOT INTENDED TO LIMIT THE UTILITY COMPANIES WHICH THE CONTRACTOR MAY WISH TO NOTIFY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
7. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.
8. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND DESIGN ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTORS RESPONSIBILITY.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.
11. ANY WELLS DISCOVERED ON SITE THAT WILL HAVE NO USE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED.
12. ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
14. AUXILIARY TURN LANE WILL BE DESIGNED AND CONSTRUCTED CONSISTENT WITH FDOT'S ROADWAY AND TRAFFIC DESIGN STANDARDS INDEXES 301 AND 526 CONSISTENT WITH STIPULATION NO. 22 AND 23 OF ORDINANCE NO. 2015-025.
15. ALL SIDEWALKS, CURB RAMPS, BUILDING ENTRY WALKWAYS, HANDICAP ACCESSIBLE PARKING SHALL COMPLY WITH AMERICAN WITH DISABILITIES ACT.
16. THE WETLANDS, MITIGATION AREAS, AND ASSOCIATED UPLAND VEGETATIVE BUFFERS SHALL BE MAINTAINED IN ACCORDANCE WITH MANAGEMENT GUIDELINES CONTAINED WITHIN THE COMPREHENSIVE PLAN AS A PRESERVE AND LABELED A PRESERVE ON ALL PLANS. ALL ACTIVITIES INCLUDING BUT NOT LIMITED TO FILLING, EXCAVATING, WELL DRILLING, ALTERING VEGETATION (INCLUDING TRIMMING OF BOTH TREES AND UNDERSTORY) AND STORING OF MATERIALS SHALL BE PROHIBITED WITHIN PRESERVATION AREAS, UNLESS WRITTEN APPROVAL IS FIRST OBTAINED FROM RESOURCE PROTECTION SERVICES. EXCEPTION MAY BE GRANTED BY RESOURCE PROTECTION SERVICES TO FACILITATE IMPLEMENTATION OF APPROVED HABITAT MANAGEMENT PLANS OR THE HAND REMOVAL OF NUISANCE/INVASIVE VEGETATION.
17. FIRE HYDRANTS MUST BE INSTALLED AND ACTIVATED PRIOR TO COMBUSTIBLE CONSTRUCTION MATERIAL ARRIVING ON SITE. STABLE ROAD SURFACE ACCESS MUST BE PROVIDED TO ALL AREAS OF CONSTRUCTION FOR EMERGENCY VEHICLES.
18. NO CLEARING WITH HEAVY EQUIPMENT, FILLING OR PLACEMENT OF IMPROVEMENTS OR UTILITY LINES SHALL OCCUR WITHIN THE PROTECTED ROOT ZONE OF ANY CANOPY TREE TO BE SAVED, PER SECTION 54-588 (1)(B) OF SARASOTA COUNTY CODE. THE PROTECTED ROOT ZONE IS DEFINED AS THE DRILIPE OF THE TREE. ONLY HAND CLEARING OR MOWING IS PERMITTED WITHIN THE PROTECTED ROOT ZONE OF CANOPY TREES TO BE SAVED IF AUTHORIZED BY THE ADMINISTRATOR. WHERE UNAUTHORIZED REMOVAL OF NATIVE VEGETATION WITHIN THE PROTECTED ROOT ZONE OCCURS THE ADMINISTRATOR MAY REQUIRE THE REPLANTING OF UNDERSTORY VEGETATION. FULL DRILIPE PROTECTION IS REQUIRED; HOWEVER, THE ADMINISTRATOR MAY ALLOW CERTAIN ACTIVITIES TO BE CONDUCTED WITHIN THE BARRICADED DRILIPE OF A TREE, SO LONG AS THE COUNTY DETERMINES THAT THE TREE WILL NOT BE ADVERSELY AFFECTED.

DEMOLITION NOTES

1. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
2. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
3. THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN FOR DEMOLITION/PRESERVATION OF EXISTING TREES. ALL TREES NOT SPECIFICALLY SHOWN TO BE PRESERVED OR RELOCATED SHALL BE REMOVED AS A PART OF THIS CONTRACT. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY DEMOLITION.

PAVING, GRADING AND DRAINAGE NOTES

1. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN COUNTY'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.
2. ALL UNPAVED AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SODDED.
3. TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN. ALL ROADS OPEN TO PUBLIC TRAVEL, WHETHER PUBLIC OR PRIVATE, ARE SUBJECT TO THE MUTCD.
4. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WADNOTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.
5. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SODDED UNLESS INDICATED OTHERWISE ON THE LANDSCAPE PLAN.
6. ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
7. WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.
8. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.
9. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
10. IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE DESIGN ENGINEER PRIOR TO ANY EXCAVATION.
11. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.
12. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FDOT STANDARDS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
13. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE AREAS SHALL THEN BE SODDED OR SEEDDED AS SPECIFIED IN THE PLANS, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ALL EARTHEN AREAS WILL BE SODDED OR SEEDDED AND MULCHED AS SHOWN ON THE LANDSCAPING PLAN.
14. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL):1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
16. THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17-302, FLORIDA ADMINISTRATIVE CODE.
17. SOD, WHERE CALLED FOR, MUST BE INSTALLED AND MAINTAINED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.
18. THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE ENVIRONMENTAL RESOURCE PERMIT COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS, AND PERMIT MODIFICATIONS IN GOOD CONDITION AT THE CONSTRUCTION SITE. THE COMPLETE PERMIT MUST BE AVAILABLE FOR REVIEW UPON REQUEST BY WATER MANAGEMENT DISTRICT REPRESENTATIVES.
19. THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL MANNER.
20. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER MANUFACTURER'S RECOMMENDATIONS.
21. ROADWAY AND DRAINAGE STRUCTURES CONCRETE SHALL MEET FDOT STANDARD SPECIFICATIONS SECTION 346 OF 3000 PSI.
22. ALL DRAINAGE CULVERT JOINTS SHALL BE WRAPPED PER FDOT INDEX 280.

MAINTENANCE

ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEEDED AS NEEDED. FOR MAINTENANCE REQUIREMENTS REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 55 CUBIC YARDS / ACRE.
7. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAR DAYS FOLLOWING THE INSPECTION.

POLLUTION PREVENTION NOTES

- a. EROSION AND SEDIMENT CONTROL BMPs IN ADDITION TO THOSE PRESENTED ON THE PLANS AND OUTLINED IN THE EROSION AND SEDIMENT CONTROL PLAN (ECP), BEST MANAGEMENT PRACTICES (BMP) PLAN, OR STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE IMPLEMENTED AS NECESSARY TO PREVENT TURBID DISCHARGES FROM FLOWING ONTO ADJACENT PROPERTIES OR ROADWAYS, OFF SITE STORMWATER CONVEYANCES OR RECEIVING WATERS, OR ON SITE WETLANDS AND SURFACE WATERS. BMPs SHALL BE DESIGNED, INSTALLED, AND MAINTAINED BY THE SITE OPERATOR TO ENSURE THAT OFF SITE SURFACE WATER QUALITY REMAINS CONSISTENT WITH STATE AND LOCAL REGULATIONS. [THE OPERATOR IS THE ENTITY THAT OWNS OR OPERATES THE CONSTRUCTION ACTIVITY AND HAS AUTHORITY TO CONTROL THOSE ACTIVITIES AT THE PROJECT NECESSARY TO ENSURE COMPLIANCE.]
- b. OFF SITE SURFACE WATER DISCHARGES, DISCHARGES TO THE MS4, OR DISCHARGES TO ONSITE WETLANDS OR SURFACE WATERS WITH TURBIDITY IN EXCESS OF 29 NEPHELOMETRIC TURBIDITY UNITS (NTUS) ABOVE BACKGROUND LEVEL SHALL BE IMMEDIATELY CORRECTED. SUCH INCIDENTS SHALL BE REPORTED TO SARASOTA COUNTY WITHIN 24 HOURS OF THE OCCURRENCE (PH: 941.861.5000; EMAIL: REPORTPOLLUTION@SCGOV.NET). THE REPORT SHALL INCLUDE THE CAUSE OF THE DISCHARGE AND CORRECTIVE ACTIONS TAKEN.
- c. THE OPERATOR SHALL ENSURE THAT ADJACENT PROPERTIES ARE NOT IMPACTED BY WIND EROSION, OR EMISSIONS OF UNCONFINED PARTICULATE MATTER IN ACCORDANCE WITH RULE 62-296.320(4)(C)1, F.A.C., BY TAKING APPROPRIATE MEASURES TO STABILIZE AFFECTED AREAS.
- d. FUEL AND OTHER PETROLEUM PRODUCT SPILLS THAT ENTER STORMWATER DRAINS OR WATERBODIES, OR FUEL OR OTHER PETROLEUM PRODUCT SPILLS THAT ARE IN EXCESS OF 25 GALLONS SHALL BE CONTAINED, CLEANED UP, AND IMMEDIATELY REPORTED TO SARASOTA COUNTY (PH: 941.861.5000; EMAIL: REPORTPOLLUTION@SCGOV.NET). SMALLER GROUND SURFACE SPILLS SHALL BE CLEANED UP AS SOON AS PRACTICAL.
- e. IF PREVIOUSLY UNKNOWN RECOGNIZED ENVIRONMENTAL CONDITIONS (E.G. CONTAMINATED SOIL AND/OR GROUNDWATER, BURIED WASTES, ETC.) ARE DISCOVERED DURING DEVELOPMENT OF THE SITE, ALL ACTIVITY IN THE IMMEDIATE VICINITY SHALL CEASE, AND SARASOTA COUNTY SHALL BE CONTACTED (PH: 941.861.5000; EMAIL: REPORTPOLLUTION@SCGOV.NET).
- f. PRIOR TO RENOVATION OR DEMOLITION OF EXISTING ON SITE STRUCTURES AN ASBESTOS SURVEY AND/OR ASBESTOS NOTIFICATION MAY BE REQUIRED.
- g. FERTILIZER APPLICATION SHALL BE CONSISTENT WITH CHAPTER 54, ARTICLE XXXII (FERTILIZER AND LANDSCAPE MANAGEMENT) OF THE SARASOTA COUNTY CODE.
- h. NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM - STORMWATER:
 - 1. NPDES CONSTRUCTION GENERIC PERMIT COVERAGE SHALL BE OBTAINED AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION COMMENCEMENT IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERIC PERMIT FOR STORMWATER DISCHARGES FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (AKA, CONSTRUCTION GENERIC PERMIT, OR CGP).
 - 2. A COPY OF THE CERTIFIED NPDES NOI, OR A COPY OF THE FDEP COVERAGE CONFIRMATION LETTER SHALL BE POSTED AT THE SITE IN ACCORDANCE WITH PART 2.6 OF THE GENERIC PERMIT, AND AS PER SEC 54-187(G)(1) OF THE SARASOTA COUNTY CODE.
 - 3. A COPY OF THE CERTIFIED NPDES NOI, OR A COPY OF THE FDEP COVERAGE CONFIRMATION LETTER SHALL BE PROVIDED TO SARASOTA COUNTY WITHIN 7 CALENDAR DAYS IN ACCORDANCE WITH PART 2.6 OF THE GENERIC PERMIT, AND SEC. 54-187(G)(1) OF THE SARASOTA COUNTY CODE.
 - 4. THE SWPPP SHALL BE CERTIFIED IN ACCORDANCE WITH PART 4.8 OF THE GENERIC PERMIT, AND A COPY OF THE CERTIFICATION DOCUMENT SHALL BE SUBMITTED TO SARASOTA COUNTY AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION PER SEC 54-187(G)(1) OF THE SARASOTA COUNTY CODE.
 - 5. A COPY OF THE SWPPP, AND COPIES OF THE INSPECTION AND MAINTENANCE RECORDS SHALL BE MAINTAINED AT THE PROJECT SITE, AND SHALL BE READILY AVAILABLE TO COUNTY OR STATE INSPECTORS PER SEC 54-187(G)(1) OF THE SARASOTA COUNTY CODE.
- i. NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM - DEWATERING: IF NOT OTHERWISE COVERED AS OUTLINED UNDER PART 3.4 OF THE GENERIC PERMIT, THE DISCHARGE OF GROUNDWATER PRODUCED THROUGH DEWATERING, TO SURFACE WATERS, OR TO ANY PORTION OF THE MS4, SHALL REQUIRE SEPARATE PERMITTING FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP, PERMIT(S) SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF DEWATERING. ANALYTICAL RESULTS FROM PRE-DISCHARGE TESTING SHALL BE PROVIDED TO SARASOTA COUNTY PURSUANT TO SECTION 54-185(B) OF THE SARASOTA COUNTY CODE.

EROSION CONTROL NOTES

1. THE STORM WATER POLLUTION PREVENTION PLAN ("SWPPP") IS COMPRISED OF THIS EROSION CONTROL PLAN, THE STANDARD DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN SPECIFICATIONS OF THE SWPPP, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
3. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
4. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.
5. EROSION CONTROL PLAN MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
6. THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
7. CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
8. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
9. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ON SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
11. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
12. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THE PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.

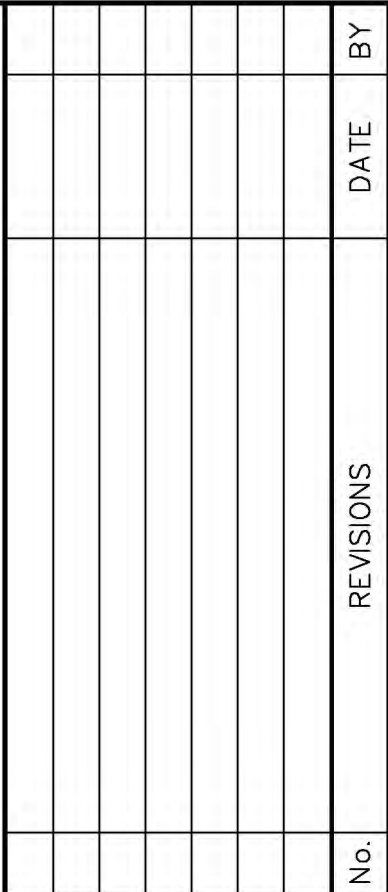
EROSION CONTROL NOTES (CONT.)

13. STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.
14. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS. REFER TO SECTION 981 OF THE STANDARD SPECIFICATIONS FOR SEEDING AND MAINTENANCE REQUIREMENTS.
15. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
16. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
18. ON-SITE & OFF SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE EROSION CONTROL PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
19. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
20. DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION.
21. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACK FILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

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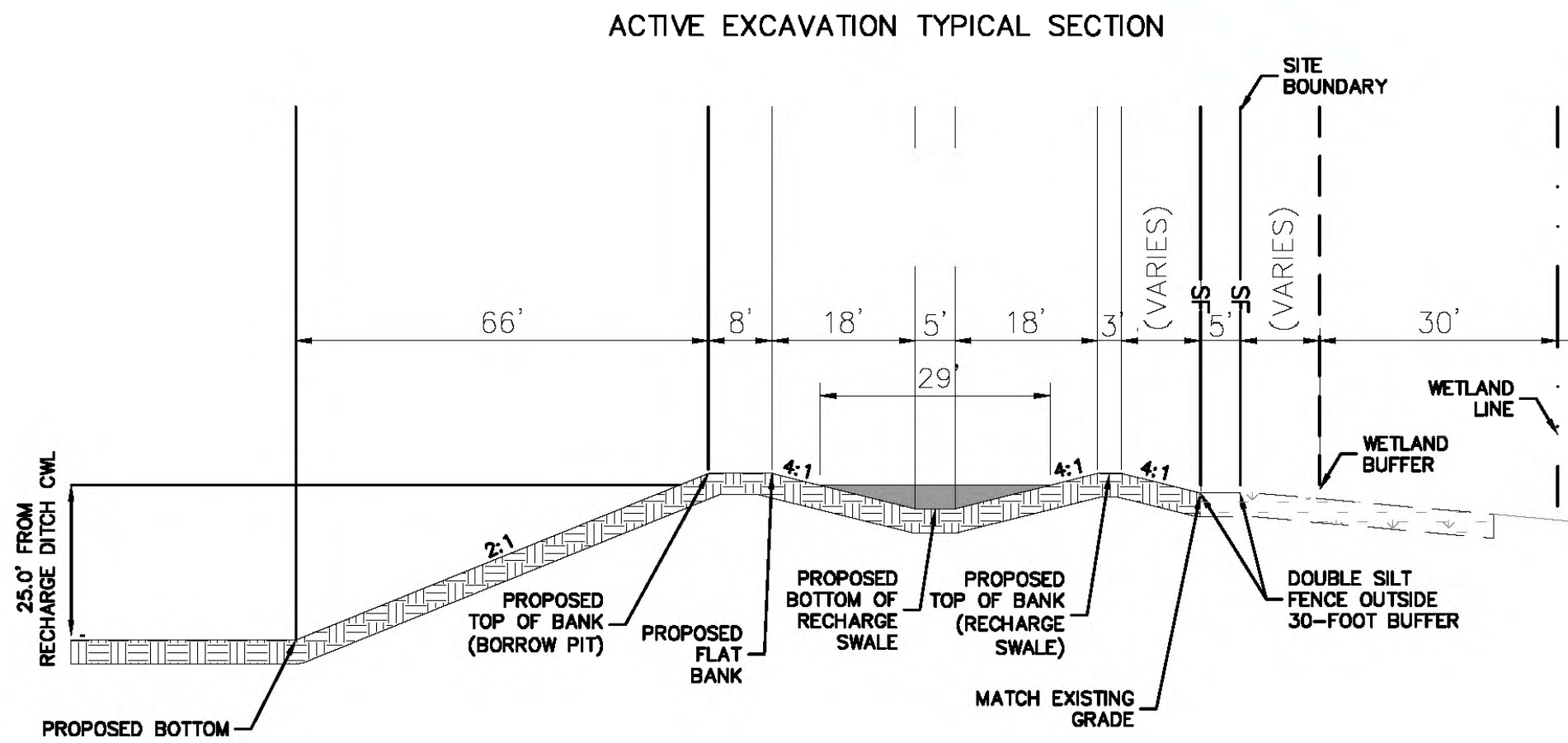
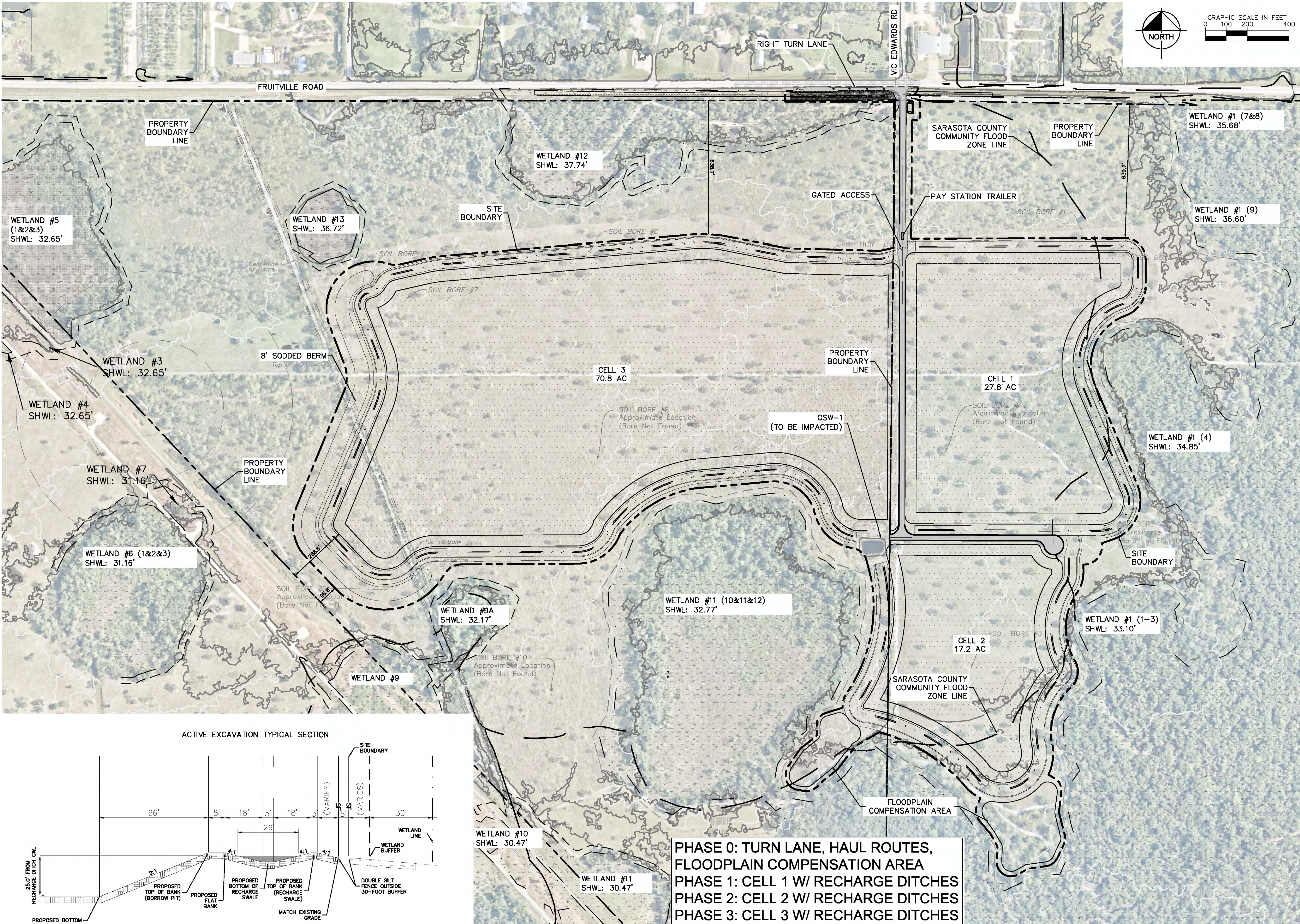
This technical map illustrates wetland areas and their boundaries. Key features include:

- Wetland Labels and SHWL Values:**
 - WETLAND #5 (1&2&3) SHWL: 32.65'
 - WETLAND #3 SHWL: 32.65'
 - WETLAND #4 SHWL: 32.65'
 - WETLAND #7 SHWL: 31.16'
 - WETLAND #6 (1&2&3) SHWL: 31.16'
 - WETLAND #13 SHWL: 36.72'
 - WETLAND #12 SHWL: 37.74'
 - WETLAND #9A SHWL: 32.17'
 - WETLAND #10 SHWL: 30.47'
 - WETLAND #8 SHWL: 30.47'
 - WETLAND #11 SHWL: 30.47'
 - WETLAND #11 (10&11&12) SHWL: 32.77'
 - WETLAND #1 (4-3) SHWL: 33.10'
 - WETLAND #1 (4) SHWL: 34.85'
 - WETLAND #1 (9) SHWL: 36.60'
 - WETLAND #1 (7&8) SHWL: 35.68'
 - WETLAND #1 (9-11) SHWL: 30.40'
- Boundaries:**
 - PROPERTY BOUNDARY LINE
 - SITE BOUNDARY
 - SARASOTA COUNTY COMMUNITY FLOOD ZONE LINE
- Other Labels:**
 - BALD EAGLE NEST
 - PID: 0223003000
 - PID: 0225003000
 - FRUITVILLE ROAD/SR 780
 - VIC EDWARDS RD
- Scale and Orientation:**
 - GRAPHIC SCALE IN FEET: 0, 100, 200, 400
 - NORTH arrow pointing up.



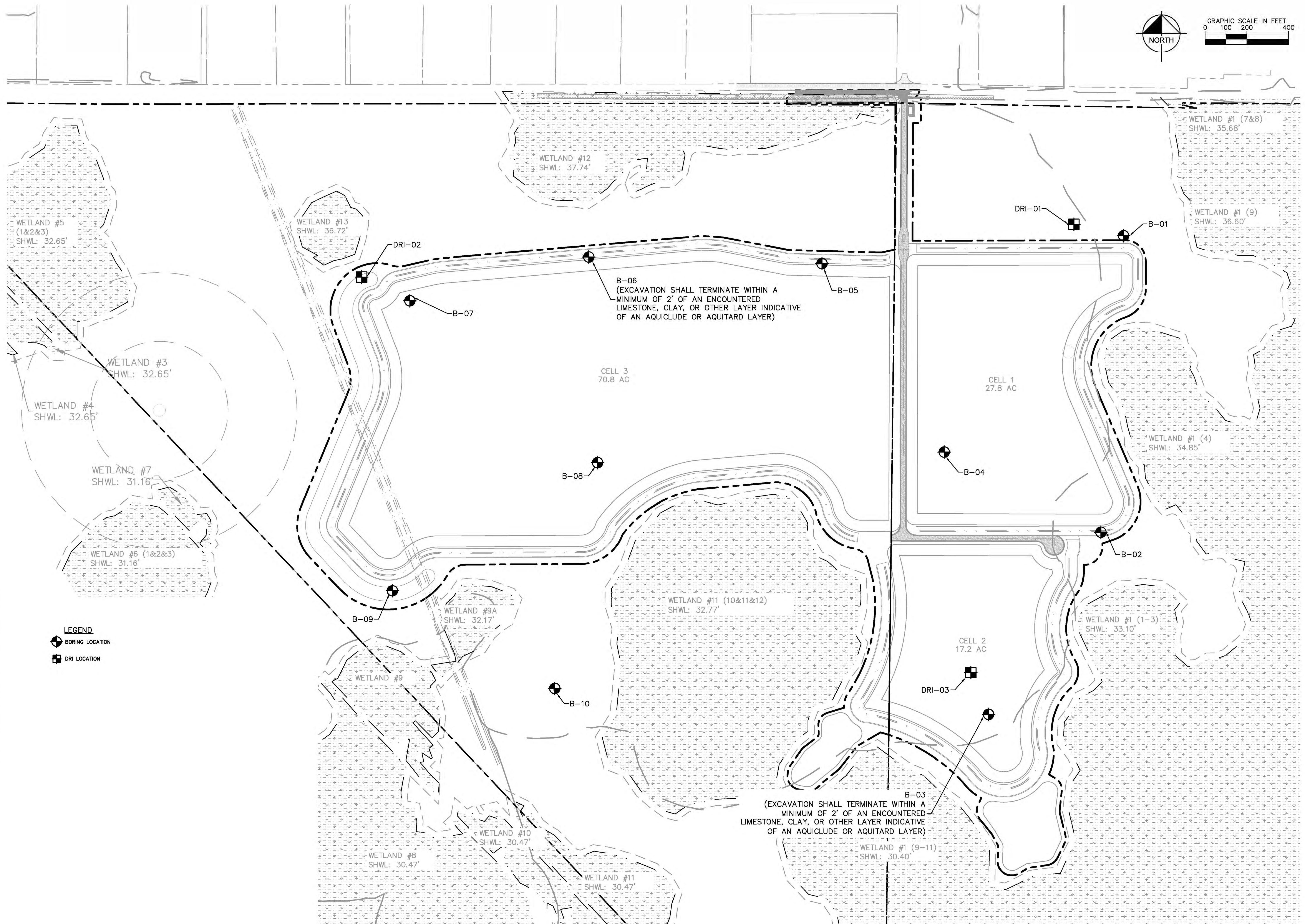
SHEET NUMBER		HI HAT RANCH FRUITVILLE BORROW PIT		FLORIDA		SARASOTA COUNTY	
A-3		PREPARED FOR: HI HAT RANCH, LLLP					
EXISTING CONDITIONS PLAN		KHA PROJECT 248088000		LICENSED PROFESSIONAL		Kimley»Horn	
		DATE JULY 2023		WILLIAM E. CONERLY, P.E.		© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 1777 MAIN STREET, SUITE 200, SARASOTA, FL 34236 PHONE: 941-378-7600 WWW.KIMLEY-HORN.COM CA 00035106	
		SCALE A5 SHOWN		FLORIDA LICENSE NUMBER			
		DESIGNED BY REC		57414			
		DRAWN BY LAB					
		CHECKED BY WEC		DATE:			

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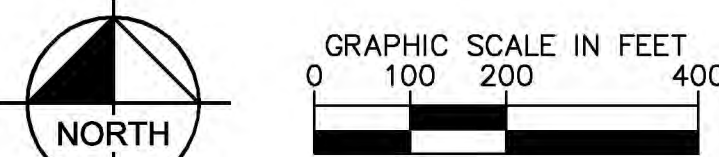
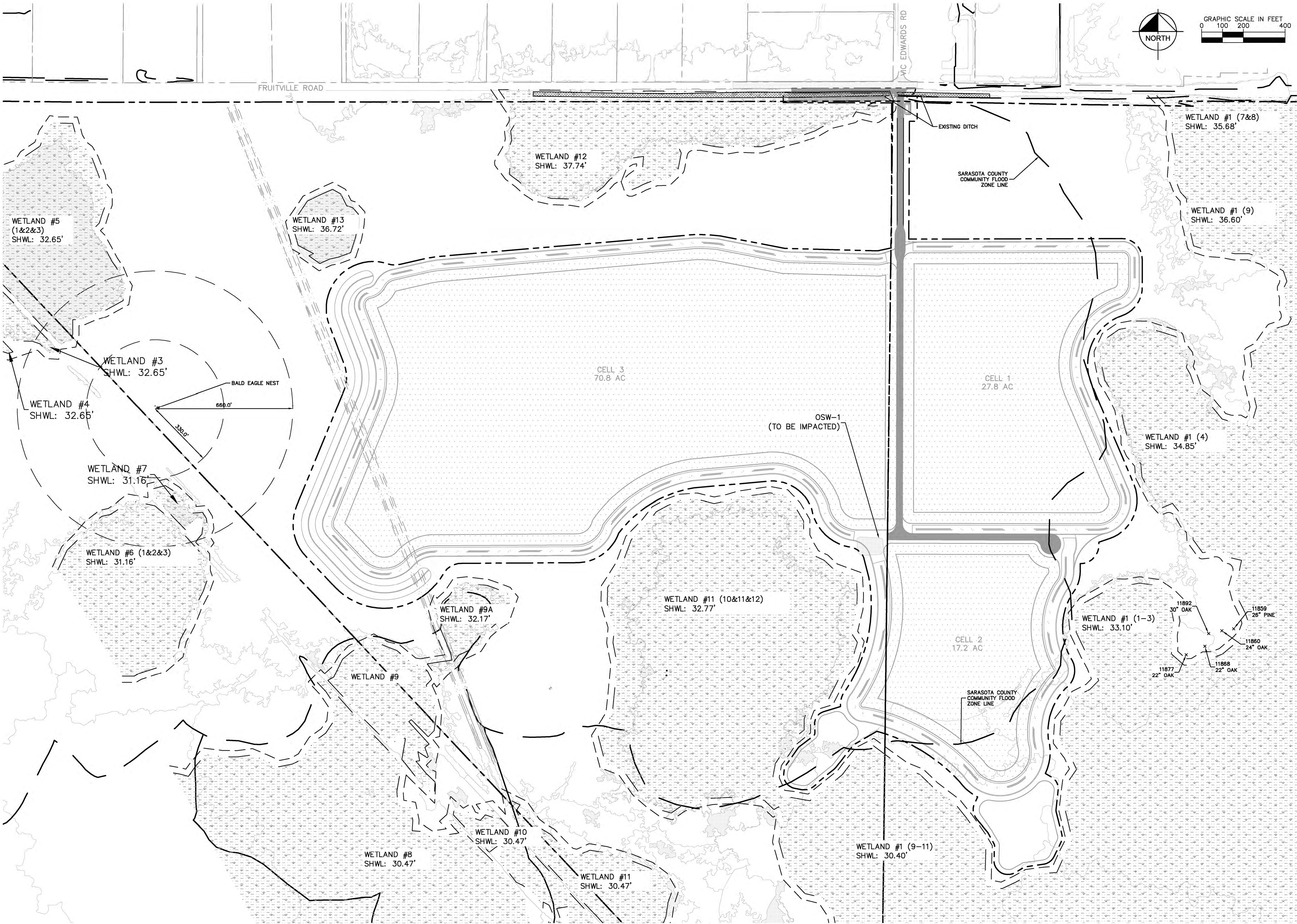


SHEET NUMBER		HI HAT RANCH FRUITVILLE BORROW PIT		AERIAL SITE PLAN		KHA PROJECT 24B088000		LICENSED PROFESSIONAL		Kimley»Horn			
A-4		PREPARED FOR: HI HAT RANCH, LLLP				DATE JULY 2023		WILLIAM E. CONERLY, P.E.		© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 1777 MAIN STREET, SUITE 200, SARASOTA, FL 34236 PHONE: 941-379-7600 WWW.KIMLEY-HORN.COM CA 00035 06			
						SCALE AS SHOWN		FLORIDA LICENSE NUMBER 57414					
						DESIGNED BY REC							
						DRAWN BY LAB							
						CHECKED BY WEC		DATE: _____					
		SARASOTA COUNTY		FLORIDA								No.	
												REVISIONS	
												DATE	
												BY	

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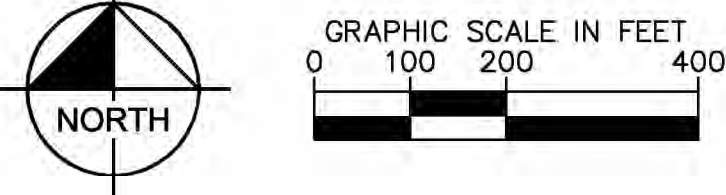
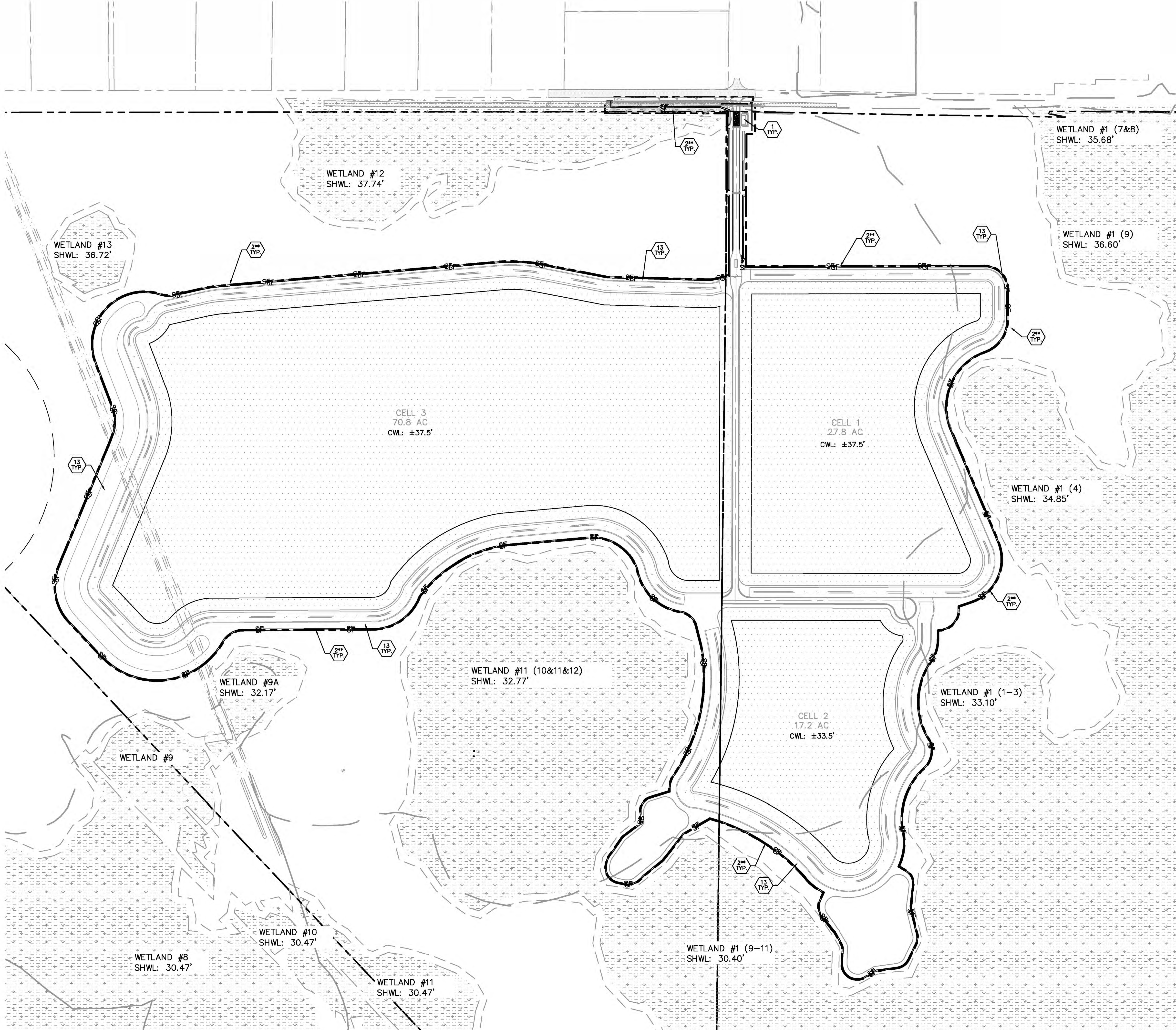
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KHA PROJECT 248088000		LICENSED PROFESSIONAL		KIMLEY HORN		REVISIONS		BY	
DATE JULY 2023		WILLIAM E. CONERLY, P.E.		© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 1777 MAIN STREET, SUITE 200, SARASOTA, FL 34236 PHONE: 941-379-7600 WWW.KIMLEY-HORN.COM CA 00035106		No.		DATE	
SCALE AS SHOWN		DESIGNED BY		FLORIDA LICENSE NUMBER 57414		LAB			
DRAWN BY		CHECKED BY		WEC		DATE			
HI HAT RANCH FRUITVILLE BORROW PIT		PREPARED FOR: HI HAT RANCH, LLLP		FLORIDA					
SHEET NUMBER A-6									

SHEET NUMBER
A-7



LEGEND.

- | | |
|---|--|
| | SILT FENCE |
| ○ | INLET PROTECTION |
|  | TYPICAL BEST MANAGEMENT DEVICE LOCATION.
SEE BMP DETAIL DRAWING FOR BMP PLACEMENT
AND DETAILS. (SHEET B-2) |

BEST MANAGEMENT PRACTICE GUIDELINES

- TYPICAL BEST MANAGEMENT DEVICE LOCATION:
SEE BMP DETAIL DRAWING FOR BMP PLACEMENT
AND DETAILS. (SHEET 8-2)**
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY BMP DEVICES THROUGHOUT THE DURATION OF ALL CONSTRUCTION ACTIVITIES OR AS DIRECTED BY THE ENGINEER.
2. PRIOR TO ANY EARTHMOVING OPERATIONS, THE CONTRACTOR SHALL INSTALL ALL REQUIRED BMP DEVICES PER SARASOTA COUNTY. ALL BMP DEVICES SHALL BE LOCATED AS SHOWN ON PLANS.
3. ALL GRASSING BY EITHER SEED OR SOIL SHALL BE INSTALLED AS SOON AS PRACTICAL UPON THE COMPLETION OF FINAL GRADING OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL GRASSING IN A HEALTHY GROWING ENVIRONMENT UNTIL ACCEPTED BY THE ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF WIND AND DUST DURING ALL PHASES OF CONSTRUCTION BY USING WATER TRUCKS, WIND FENCING OR OTHER MEANS AS APPROVED BY THE ENGINEER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE TO SAFELY STORE EQUIPMENT, FUEL, OIL, AND OTHER HAZARDOUS MATERIALS IN ORDER TO PREVENT GREASE, OIL, FUEL AND HAZARDOUS SUBSTANCES FROM CONTAMINATING THE STORMWATER MANAGEMENT AND COLLECTION SYSTEMS AND PRESERVATION AREAS.
- ADDITIONAL BMP MEASURES SHALL BE NECESSARY TO ENSURE THAT TURBID WATER IS NOT DISCHARGED FROM THE CONSTRUCTION SITE. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN, THE N.P.D.E.S. PERMIT AND THE CONDITIONS OF THE SWFWMD ENVIRONMENTAL RESOURCE PERMIT.

BEST MANAGEMENT PRACTICES NOTES:

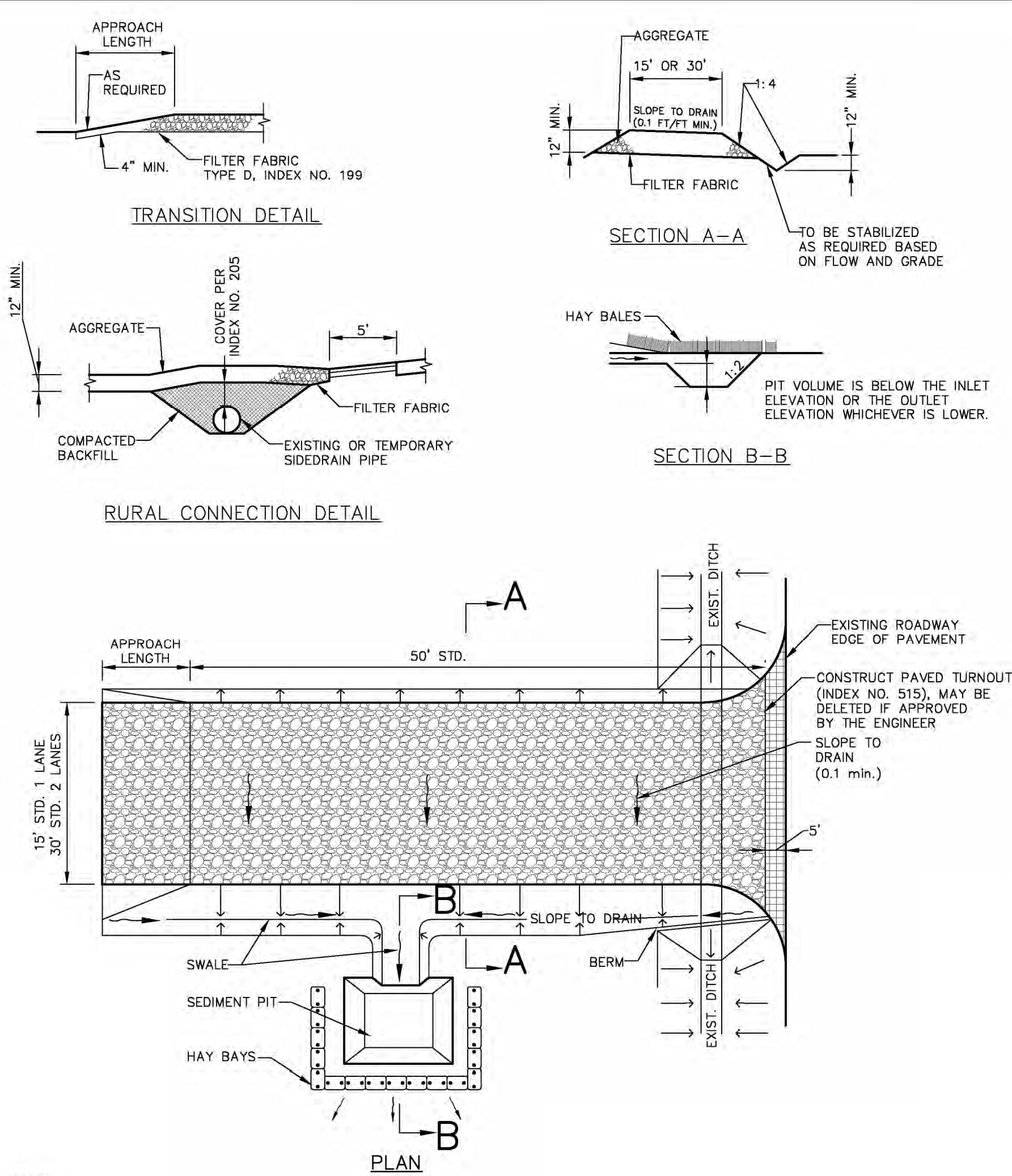
1. SILT FENCE SHOWN ON THESE PLANS SHALL BE INSTALLED IN THE LOCATIONS IDENTIFIED AND ALONG THE OSW LINE UNLESS OTHERWISE NOTED ON THE PLANS. IF A SILT FENCE IS REQUIRED IN AN AREA WHERE THERE IS SHALLOW WATER WITHIN OF TOE OF SHOULDER AS SHOWN ON THESE PLANS, NO SILT FENCE SHALL BE INSTALLED IN PROTECT WETLANDS OR UPLANDS EXCEPT AS PROTECTION AGAINST TEMPORARY IMPACTS.
2. BEST MANAGEMENT PRACTICES SHOWN FOR OPEN THROAT AND GRATED SNAKE INLETS SHALL BE INSTALLED AS APPROPRIATE FOR VARIOUS PROJECT PHASES.
3. ALL LAKEES SHALL BE SODDED FROM CWL TO 2' BACK OF LAKE CONTROL LINE (TOP OF BANK).
4. ALL CURBING EDGE OF PAVEMENT WHERE CURB IS NOT PRESENT SHALL HAVE A 2' WIDE STRIP OF SOD.
5. ALL DRAINAGE STRUCTURES SHALL BE SODDED ALONG THE EDGE OF THE STRUCTURE 2' MINIMUM SO WIDTH.
6. ALL DRAINAGE SNALES SHALL BE SODDED TO 2' BACK OF TOP OF BANK.
7. CONTRACTOR TO INSPECT AND REPAIR ALL BMP'S ON A WEEKLY BASIS. A LOG OF SUCH INSPECTIONS SHALL BE MAINTAINED AT THE SITE AND WILL BE SUBMITTED TO DISTRICT ENGINEER AT MONTHLY MEETINGS.
8. ANY BMP IN NEED OF REPAIR OR REINSTALLATION SHALL BE CORRECTED BY THE CONTRACTOR WITHIN 24 HOURS OF IDENTIFICATION OF THE NEED FOR SUCH CORRECTION.
9. RECOMMENDED LOCATIONS OF THE TEMPORARY GRAVEL CONSTRUCTION ENTRANCES HAVE BEEN SHOWN ON THE PLANS. ALTERNATE LOCATIONS CAN BE PROPOSED BY THE CONTRACTOR AND SHALL BE APPROVED BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UTILIZING THE TEMPORARY GRAVEL CONSTRUCTION ENTRANCES PER THE DETAIL PROVIDED ON THE SHEET B-2 FOR THE ENTRANCES TO THE

DEWATERING NOTES:

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE ARRANGEMENT, LOCATION AND DEPTHS OF THE Dewatering System NECESSARY TO DRY THE WORK AREA.
2. THE CONTRACTOR, IF REQUIRED, IS RESPONSIBLE FOR SUBMITTING TO THE SOUTHEAST FLORIDA WATER MANAGEMENT DISTRICT FOR REVIEW A Dewatering Plan, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: THE PLAN SHALL INCLUDE: Dewatering METHODS PROPOSED, THE DURATION OF Dewatering, FLOW RATES, AND POINTS OF DISCHARGE.
3. ALL WATER REMOVED FROM THE EXCAVATIONS SHALL BE DISPOSED OF IN A MANNER THAT DOES NOT VIOLATE ANY FEDERAL, STATE, LOCAL, PUBLIC OR PRIVATE PROPERTY, OR AFFECT ADVERSELY ANY PORTION OF THE WORK UNDER CONSTRUCTION OR COMPLETED.
4. PUBLIC RIGHTS-OF-WAY AND PROPERTIES SHALL NOT BE UTILIZED FOR THE DISCHARGE OF WATER REMOVED FROM THE GROUND BY THE Dewatering PROCESS.
5. THE METHODS AND PROVISIONS UTILIZED TO PREVENT SLIDATION AND EROSION SHALL CONFORM TO CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION PROTECTED EROSION CONTROL BEST MANAGEMENT PRACTICES (BMP) AND ANY OTHER LOCAL LEGAL PROVISIONS WHICH MAY APPLY. IN THE EVENT OF CONFLICTS, THE MOST PROTECTIVE PROVISIONS SHALL APPLY.
6. SHOULD Dewatering BE REQUIRED, CONTRACTOR IS TO FOLLOW, AT A MINIMUM, THE TYPICAL Dewatering DISCHARGE PLAN AS DETAILED ON SHEET E-2 FOR ALL PUMPED WATER.
7. THE PUMPING RATE SHALL BE MONITORED AND ADJUSTED, IF NECESSARY IN ORDER TO PREVENT THE DISCHARGE OF TURBID WATER INTO THE PUBLIC RIGHTS-OF-WAY OR EXISTING WETLANDS.
8. NO DIRECT PUMPING DISCHARGE IS PERMITTED INTO ANY EXISTING WETLANDS.

SHEET NUMBER										B-1									
HI HAT RANCH FRUITVILLE BORROW PIT										SARASOTA COUNTY									
PREPARED FOR: HI HAT RANCH, LLLP										FLORIDA									
BEST MANAGEMENT PRACTICES PLAN										KHA PROJECT 248088000									
DATE JULY 2023										LICENSED PROFESSIONAL									
SCALE AS SHOWN										WILLIAM E. CONERLY, P.E.									
DESIGNED BY REC										FLORIDA LICENSE NUMBER									
DRAWN BY LAB										57414									
CHECKED BY										DATE:									
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										PHONE: 941-379-7600									
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										No.									
										REVISIONS									
										DATE									
										BY									

Noted By: Plut, Andrew. Sheet S&H-HAT RANCH FRUITVILLE BORROW PIT. LOG#01B-2. BEST MANAGEMENT PRACTICES DETAILS. July 26, 2023. 01:10:36pm. Kimley-Horn.com\NEL-S&H\SAR-CWA\2408B000-HAT FRUITVILLE RD. PLOT\CAD\PlotSheet\B-2. BEST MANAGEMENT PRACTICES DETAILS.dwg
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- 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.
 4. A SOIL TRACKING PREVENTION DEVICE (STPD) SHALL BE CONSTRUCTED AT LOCATIONS DESIGNATED BY THE ENGINEER FOR POINTS OF EGRESS FROM UNSTABILIZED AREAS OF THE PROJECT TO PUBLIC ROADS WHERE OFFSITE TRACKING OF MUD COULD OCCUR. TRAFFIC FROM UNSTABILIZED AREAS OF THE CONSTRUCTION PROJECT SHALL BE DIRECTED THROUGH A STPD, BARRIERS, FLAGGING, OR OTHER POSITIVE MEANS SHALL BE USED AS REQUIRED TO LIMIT AND DIRECT VEHICULAR EGRESS ACROSS THE STPD.
 5. THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE TECHNIQUE TO MINIMIZE OFFSITE TRACKING OF SEDIMENT. THE ALTERNATIVE MUST BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO ITS USE.
 6. ALL MATERIALS SPILLED, DROPPED, OR TRACKED ONTO PUBLIC ROADS (INCLUDING THE STPD AGGREGATE AND CONSTRUCTION MUD) SHALL BE REMOVED DAILY, OR MORE FREQUENTLY IF SO DIRECTED BY ENGINEER.
 7. AGGREGATES SHALL BE AS DESCRIBED IN SECTION 901 EXCLUDING 901-2.1. AGGREGATES SHALL BE FDOT SIZE #1. IF THIS SIZE IS NOT AVAILABLE, THE NEXT AVAILABLE SMALLER SIZE AGGREGATE MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER. SIZES CONTAINING EXCESSIVE SMALL AGGREGATE WILL TRACK OFF THE PROJECT AND ARE UNSUITABLE.
 8. THE SEDIMENT PIT SHOULD PROVIDE A RETENTION VOLUME OF 3600 CUBIC FEET/ACRE OF SURFACE AREA DRAINING TO THE PIT. WHEN THE STPD IS ISOLATED FROM OTHER DRAINAGE AREAS, THE FOLLOWING PIT VOLUMES WILL SATISFY THIS REQUIREMENT: 15'X50'=100 FT³, 30'X50'=200 FT³. AS AN OPTION TO THE SEDIMENT PIT, THE WIDTH OF THE SWALE BOTTOM CAN BE INCREASED TO OBTAIN THE VOLUME. WHEN THE SEDIMENT PIT OR SWALE VOLUME HAS BEEN REDUCED TO ONE HALF, IT SHALL BE CLEANED. WHEN A SWALE IS USED, HAY BALES OR SILT FENCE SHALL BE PLACED ALONG THE ENTIRE LENGTH.
 9. THE SWALE DITCH DRAINING THE STPD SHALL HAVE A 0.2% MINIMUM AND A 1.0% MAXIMUM GRADE ALONG THE STPD AND TO THE SEDIMENT PIT.
 10. MITERED END SECTIONS ARE NOT REQUIRED WHEN THE SIDEDRAIN PIPE SATISFIES THE CLEAR ZONE REQUIREMENTS.
 11. THE NOMINAL SIZE OF A STANDARD STPD IS 15'X50' UNLESS OTHERWISE SHOWN IN THE PLANS. IF THE VOLUME OF ENTERING AND EXITING VEHICLES WARRANT, A 30' WIDTH STPD MAY BE USED IF APPROVED BY THE ENGINEER. WHEN A DOUBLE WIDTH (30') STPD IS USED, THE PAV QUANTITY SHALL BE 2 FOR EACH LOCATION.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

N.T.S.

FIGURE 1

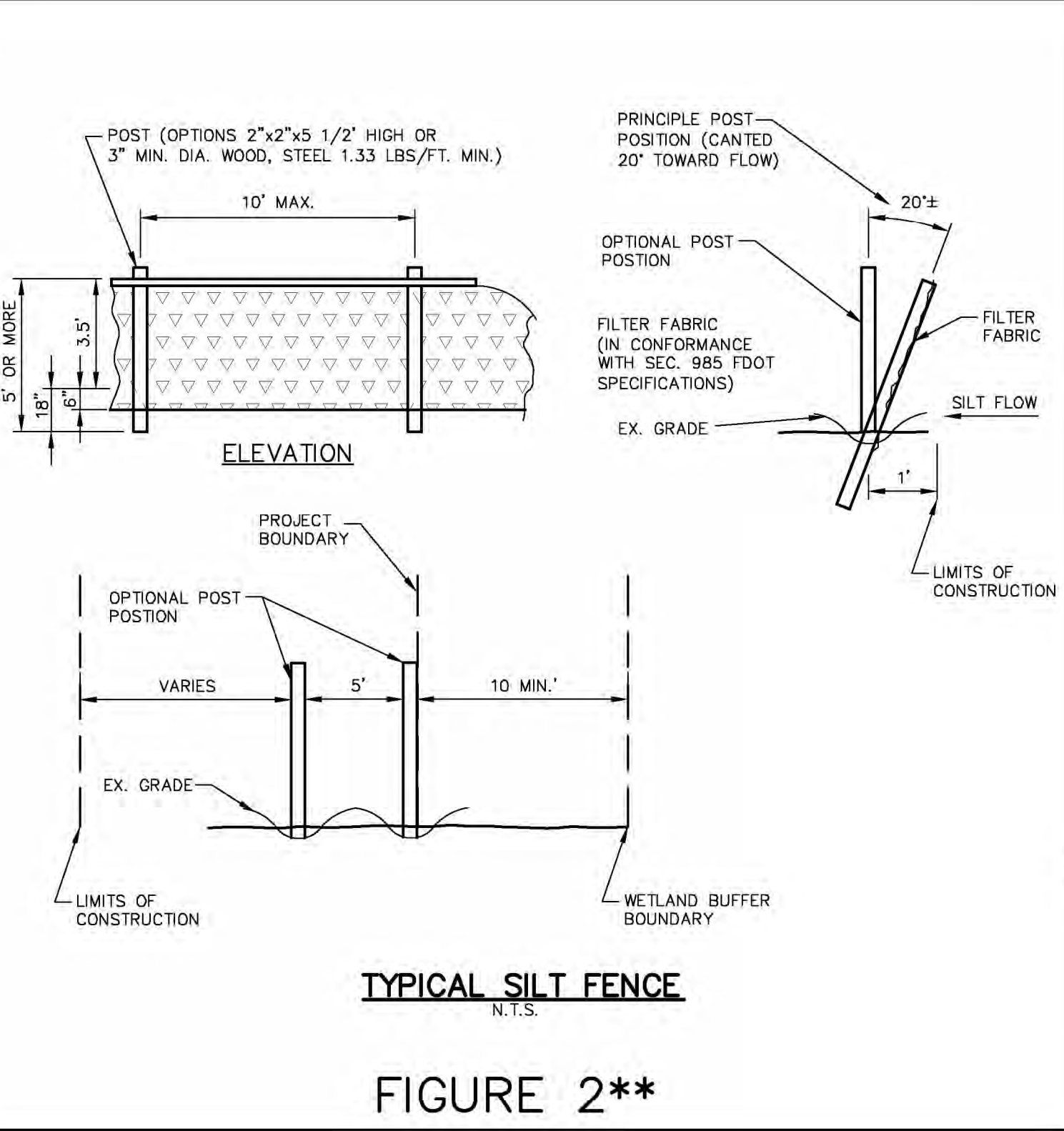


FIGURE 2**

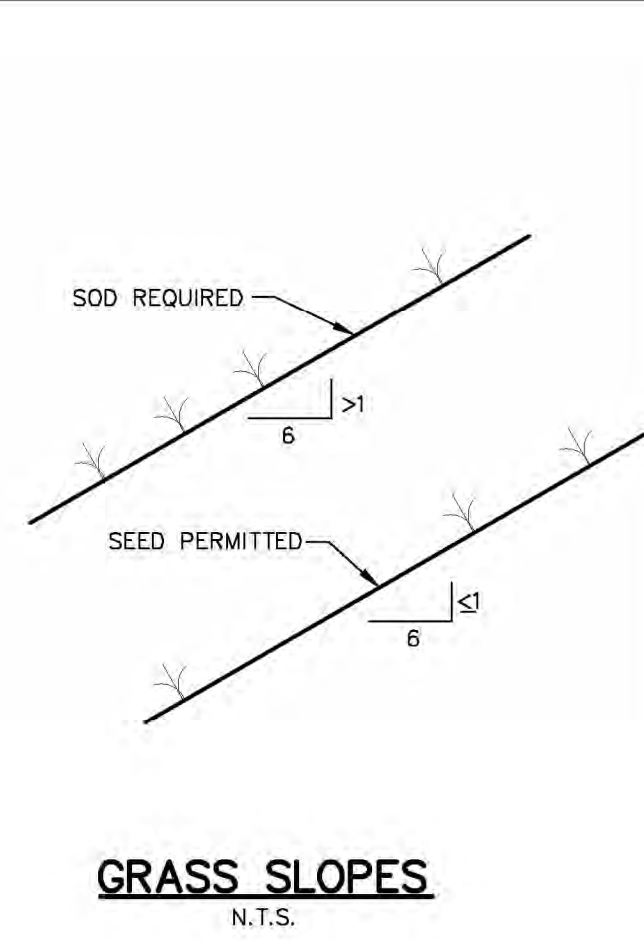


FIGURE 13

Owner's signature _____ Date: _____

Print Name

HI HAT RANCH
FRUITVILLE BORROW PIT
PREPARED FOR:
HI HAT RANCH, LLLP

SARASOTA COUNTY

FLORIDA

SHEET NUMBER
B-2

BEST MANAGEMENT
PRACTICES DETAILS

LICENSED PROFESSIONAL

KHA PROJECT
240808000

DATE
JULY 2023

SCALE AS SHOWN

DESIGNED BY REC

DRAWN BY LAB

CHECKED BY WEC

WILLIAM E. CONERLY, P.E.
FLORIDA LICENSE NUMBER
57414

DATE: _____

Kimley»Horn

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1777 MAIN STREET, SUITE 200, SARASOTA, FL 34236
PHONE: 941-379-7800
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REVISIONS

No.

DATE

BY

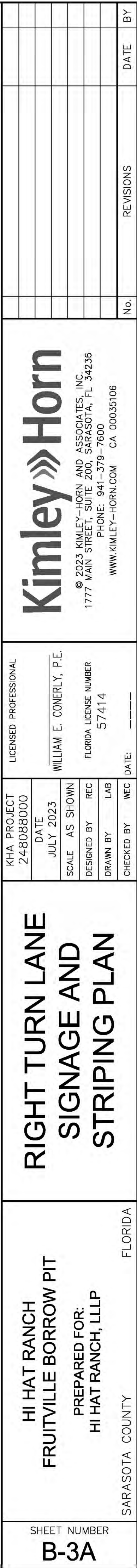
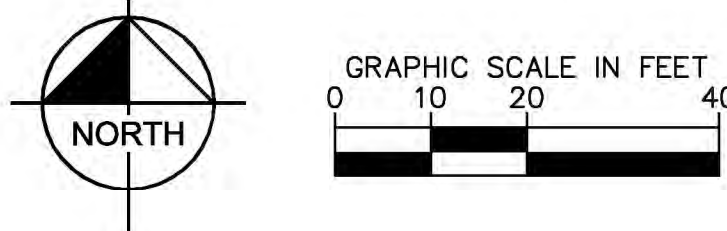


SIZES WE USE 24",30",36",42",48",54",60


















1. REFLECTIVE PAVEMENT MARKERS (R.P.M.'S) SHALL BE BI-DIRECTIONAL AMBER FOR ALL CENTERLINE AND TRAFFIC ISLAND/MEDIANS LOCATED IN ACCORDANCE TO F.O.D.T. STANDARD INDEX NO. 17352. ALL R.P.M.'S SHALL BE INSTALLED WITH BITUMINOUS ADHESIVE AND SHALL NOT BE INSTALLED ON THERMOPLASTIC MARKINGS AND STRIPING.
2. BI-DIRECTIONAL BLUE REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ADJACENT TO ALL FIRE HYDRANT LOCATIONS, IN ACCORDANCE WITH SARASOTA FIRE RESCUE DISTRICT STANDARDS.
3. STRIPING AND SIGNAGE SHALL COMPLY WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THE F.O.D.T. STANDARD INDEX NO. 17348 AND 17347 AND AS PER SECTION 700, 706 AND 711 OF THE F.O.D.T. STANDARD SPECIFICATIONS EXCEPT THOSE PARTS PERTAINING TO METHOD OF MEASUREMENT AND BASIS OF PAYMENT.
4. ALL PAVEMENT MARKINGS SHALL BE 90 MILS ALKYL THERMOPLASTIC; OTHER THAN EDGE LINES, WHICH ARE 60 MILS AND BICYCLE LANE SYMBOLS, WHICH SHALL BE 30 MILS.
5. ALL PROPOSED MARKINGS SHALL BE DESIGNED PER FOOT REQUIREMENTS FOR WIND LOADING.
6. STOP LINES, ○ CROSSINGS ○ SHALL BE SEPARATED BY A DISTANCE OF 48", MEASURED OUTSIDE EDGE TO OUTSIDE EDGE.
7. ALL TRAFFIC SIGN POSTS WITHIN THE COUNTY RIGHT OF WAY SHALL BE 2"x2" SQUARE BREAK-AWAY 14 GAUGE GALVANIZED STEEL WITH PUNCHED HOLES IN ACCORDANCE WITH APPENDIX C3 OF THE LDR. THE SIGN POST LOG VP19-350 SYSTEM SHALL BE EMPLOYED WHERE SIGN POSTS ARE INSTALLED IN PAVED AND MEDIAN AREAS.
8. ALL TRAFFIC CONTROL SIGNS WITHIN THE RIGHT OF WAY WILL BE MANUFACTURED USING DIAMOND GRADE REFLECTIVE SHEETING (OR EQUIVALENT APPROVED BY ENGINEER). ALL SIGNS SHALL BE CONSTRUCTED IN ACCORDANCE WITH MUTCD CRITERIA FOR SIGN SIZE AND SHAPE AND LETTERING DIMENSIONS.
9. ALL MEDIAN BULL NOSES SHALL BE PAINTED WITH YELLOW REFLECTORIZED PAINT.

NOTE: IMPROVEMENTS WITHIN SARASOTA COUNTY
RIGHT-OF-WAY ARE SHOWN ONLY FOR
INFORMATIONAL PURPOSES. RIGHT-OF-WAY
IMPROVEMENTS SHALL NOT BE CONSTRUCTED
UNTIL SITE AND DEVELOPMENT PLAN APPROVAL.



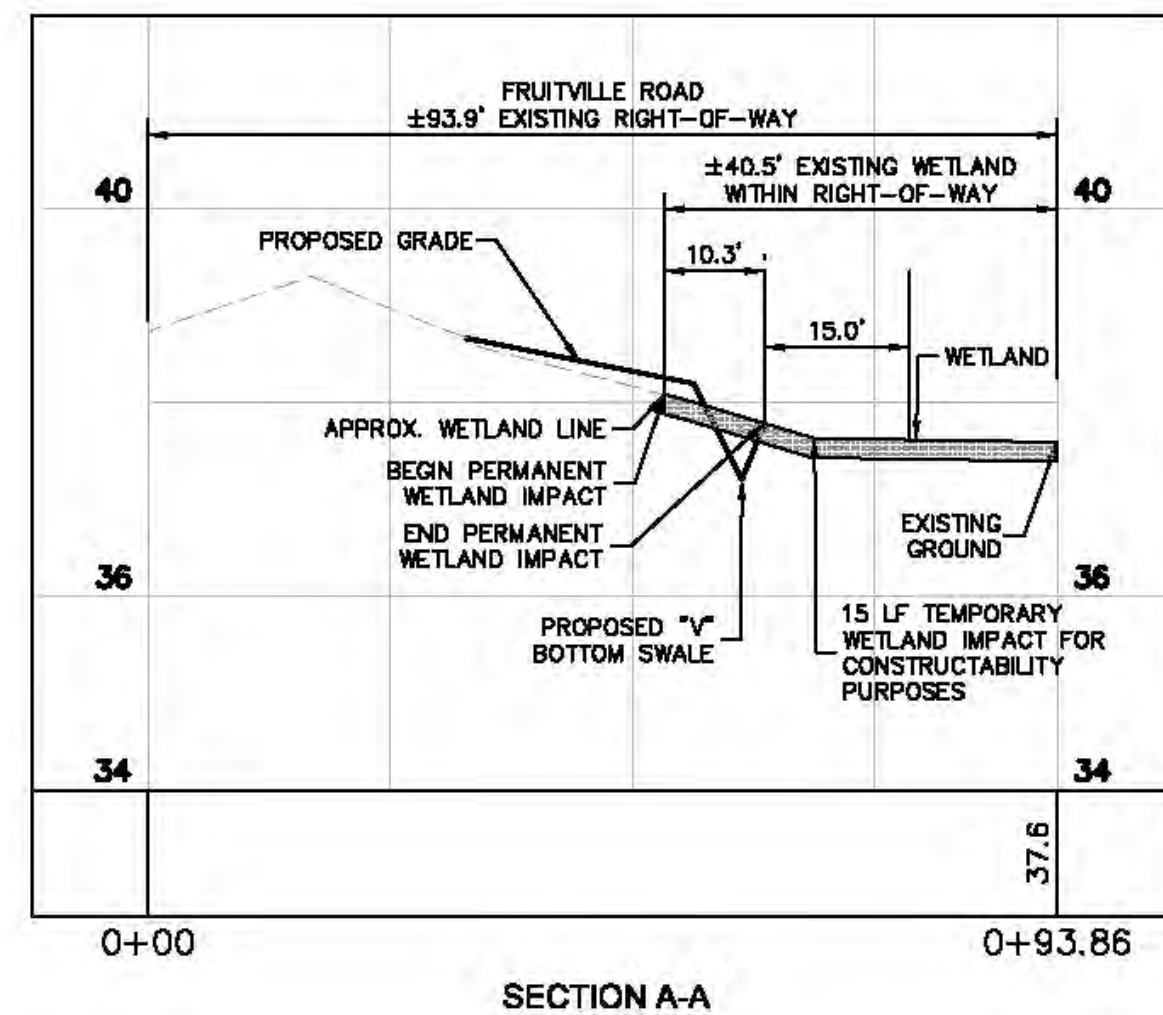
LEGEND

	EXISTING MAJOR CONTOUR LINE
	EXISTING MINOR CONTOUR LINE
	MINOR BASIN LINE
	MAJOR BASIN LINE
	PROJECT BOUNDARY
	JURISDICTIONAL WETLAND LINE
	WETLAND BUFFER LINE
	WETLAND TO BE PRESERVED
	EXISTING SPOT ELEVATION
	PROPOSED PAVED SPOT ELEVATION
	PROPOSED NON PAVED ELEVATION
	SLOPE DIRECTION
	EXISTING ASPHALT PAVEMENT
	PROPOSED ASPHALT PAVEMENT (WITHIN RIGHT-OF-WAY)
	PROPOSED STABILIZED SUBGRADE (ONSITE)

NOTES:

1. STORM PIPING SHALL BE AS FOLLOWS:
RCP CLASS III PER ASTM C-78
CORRUGATED HDPE PIPE PER AASHTO M-294
PVC PIPE PER ASTM F849
2. JOINTS SHALL BE WATER TIGHT.
3. PROPOSED PAVEMENT SECTION:

BASE GRADE 9 TYPE B-12.5 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1.5")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1.5") (Pg 76-72)
FRICITION COURSE FC-12.5 (1.5") (Pg 76-22)



THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTORS BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

THE SITE CONSTRUCTION STANDSTILL SHALL BE PREPARED (HOLD) THE DIRECTION OF A FLORIDA REGISTERED SURVEYOR. AUTOCAD FILES WILL BE FURNISHED TO AID IN THE SITE CONSTRUCTION STANDSTILL. ANY DISCREPANCIES FOUND BETWEEN AUTOCAD FILES AND SITE CONSTRUCTION PLANS SHALL BE RESOLVED TO THE ENGINEER'S ATTENTION FOR CLARIFICATION PRIOR TO THAT STANDSTILL.

PROJECT DUTABLE HANDBOOK

CALL 2 WORKING DAYS BEFORE YOU DIG

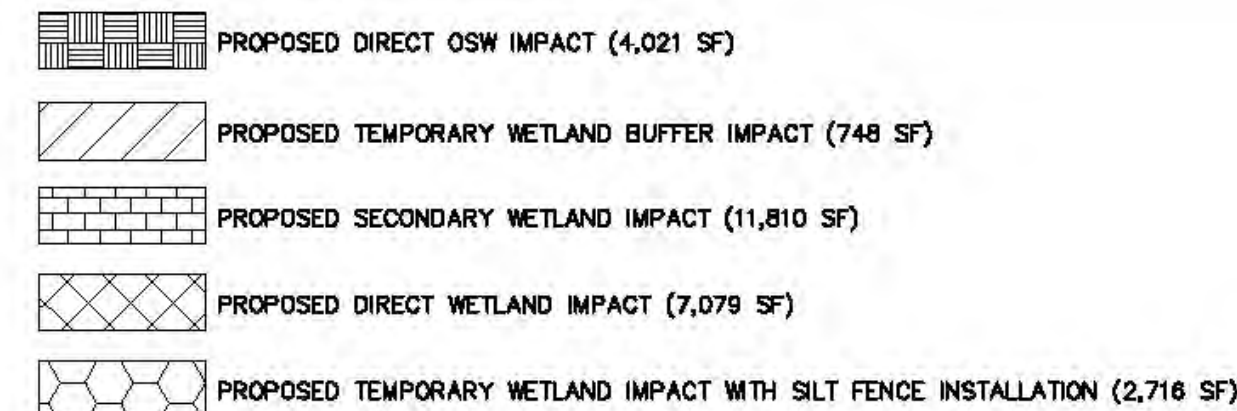
811

IT'S THE LAW! DIAL 811

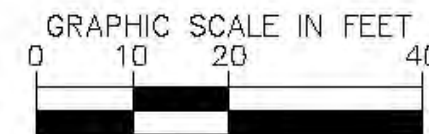
*Know what's below,
Call before you dig*

OUR BUREAU STATE ONE CALL OF FLORIDA, INC.

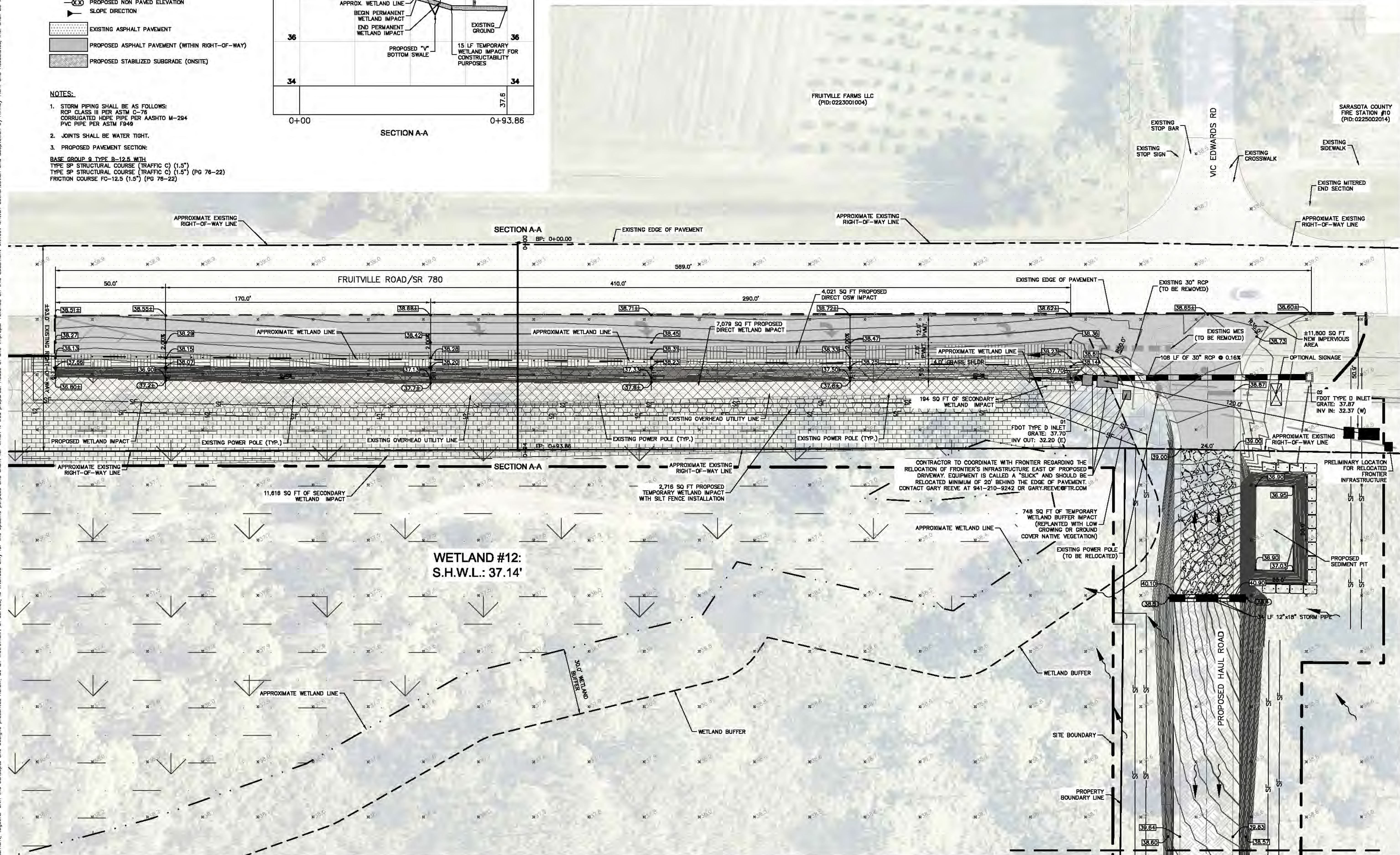
HABITAT IMPACT LEGEND



SEE SHEET A-7 FOR HABITAT IMPACT DETAILS



NOTE: IMPROVEMENTS WITHIN SARASOTA COUNTY
RIGHT-OF-WAY ARE SHOWN ONLY FOR INFORMATIONAL
PURPOSES. RIGHT-OF-WAY IMPROVEMENTS SHALL NOT BE
CONSTRUCTED UNTIL SITE AND DEVELOPMENT PLAN APPROVAL.



MATCH LINE SEE SHEET B-3C

Kimley»Horn

2023 KIMLEY-HORN AND ASSOCIATES, INC.
1777 MAIN STREET, SUITE 200, SARASOTA, FL 34236
PHONE: 941-379-7600
WWW.KIMLEY-HORN.COM CA 00035106

DATE	JULY 2023
248088000	

SCALE AS SHOWN	DESIGNED BY	REC
	DRAWN BY	LAB

FLORIDA LICENSE NUMBER
57414

RIGHT TURN LANE PAVING GRADING AND DRAINAGE PLAN

HI HAT RANCH
FRUITVILLE BORROW PIT
PREPARED FOR:
HI HAT RANCH, LLLP

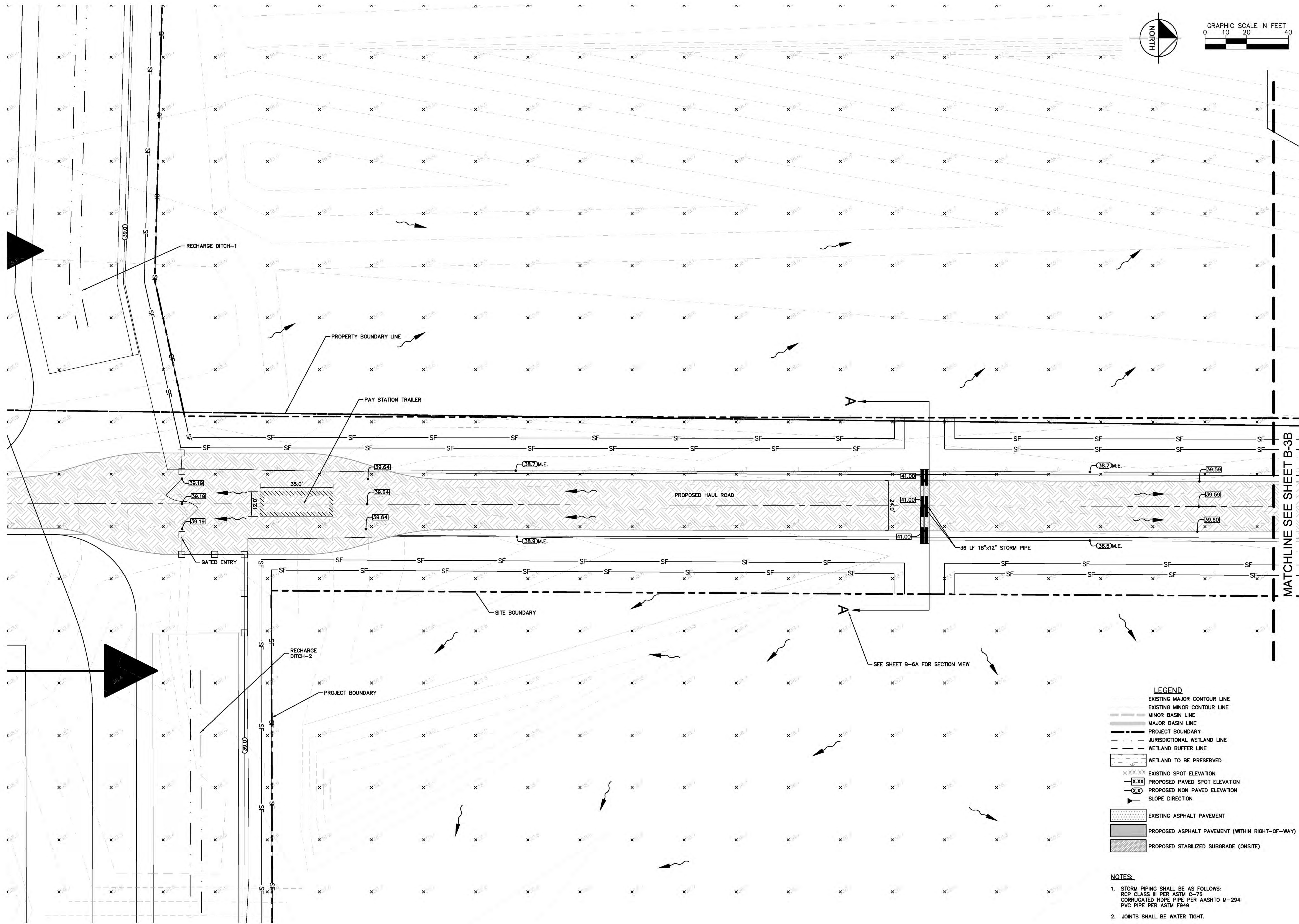
SHEET NUMBER
B-3B

No.	REVISIONS	DATE	BY
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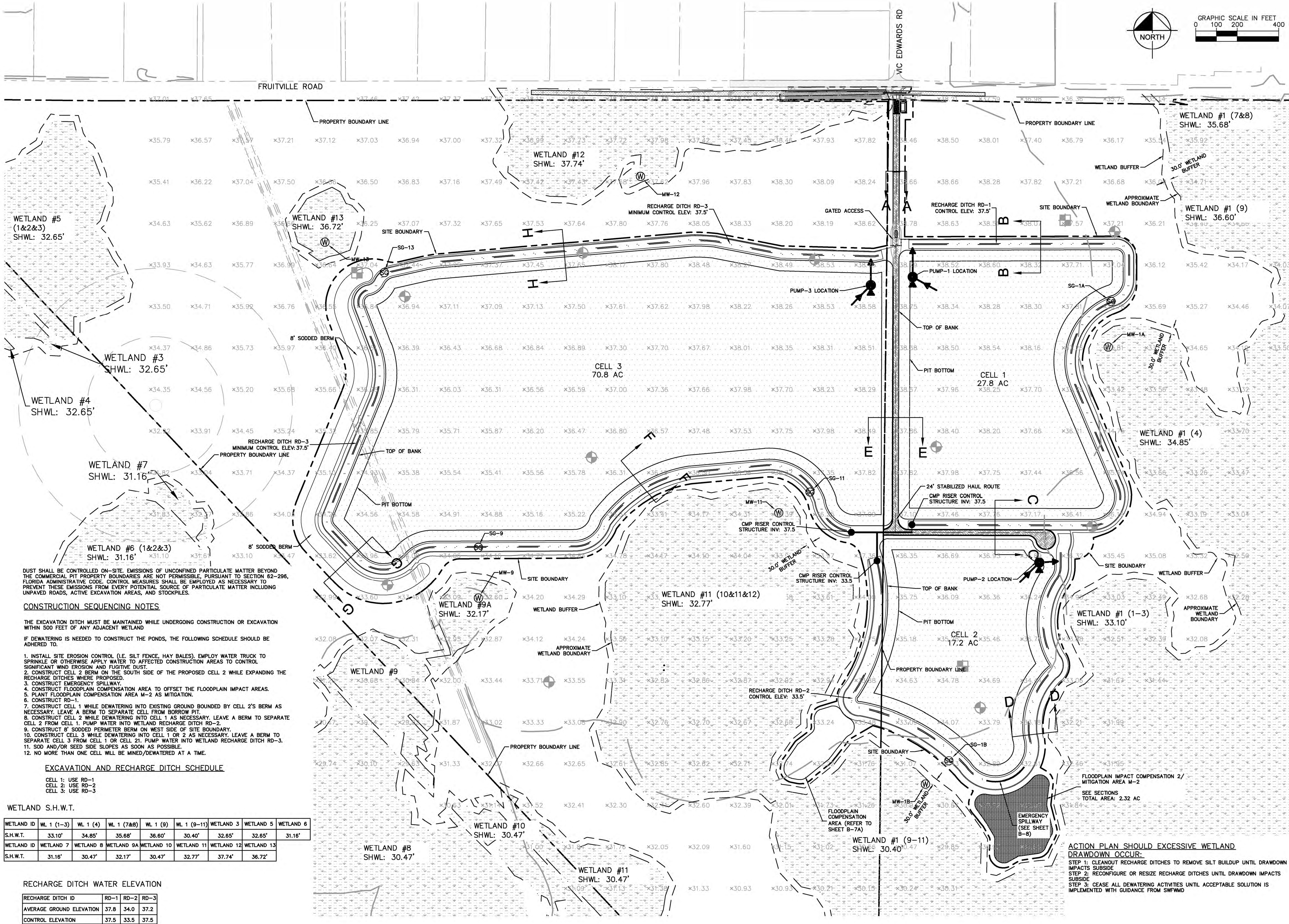
SARASOTA COUNTY
FLORIDA

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SHEET NUMBER		B-3C	
HI HAT RANCH FRUITVILLE BORROW PIT		FLORIDA	
PREPARED FOR: HI HAT RANCH, LLLP		SARASOTA COUNTY	
HAUL ROAD PAVING GRADING AND DRAINAGE PLAN		KHA PROJECT 24088000	
DATE JULY 2023		LICENSED PROFESSIONAL	
SCALE AS SHOWN		WILLIAM E. CONERLY, P.E.	
DESIGNED BY REC		FLORIDA LICENSE NUMBER	
DRAWN BY LAB		57414	
CHECKED BY		WEC DATE:	
		WWW.KIMLEY-HORN.COM CA 00035106	
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		Kimley»Horn	
		No.	
		REVISIONS	
		DATE	
		BY	

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- DUST SHALL BE CONTROLLED ON-SITE. EMISSIONS OF UNCONFINED PARTICULATE MATTER BEYOND THE COMMERCIAL PIT PROPERTY BOUNDARIES ARE NOT PERMISSIBLE, PURSUANT TO SECTION 62-296, FLORIDA ADMINISTRATIVE CODE. CONTROL MEASURES SHALL BE EMPLOYED AS NECESSARY TO PREVENT THESE EMISSIONS FROM EVERY POTENTIAL SOURCE OF PARTICULATE MATTER INCLUDING UNPAVED ROADS, ACTIVE EXCAVATION AREAS, AND STOCKPILES.
- CONSTRUCTION SEQUENCING NOTES**
- THE EXCAVATION DITCH MUST BE MAINTAINED WHILE UNDERGOING CONSTRUCTION OR EXCAVATION WITHIN 500 FEET OF ANY ADJACENT WETLAND
- IF DEWATERING IS NEEDED TO CONSTRUCT THE PONDS, THE FOLLOWING SCHEDULE SHOULD BE ADHERED TO.
1. INSTALL SITE EROSION CONTROL (I.E. SILT FENCE, HAY BALES). EMPLOY WATER TRUCK TO SPRINKLE OR OTHERWISE APPLY WATER TO AFFECTED CONSTRUCTION AREAS TO CONTROL SIGNIFICANT WIND EROSION AND FUGITIVE DUST.
 2. CONSTRUCT CELL 2 BERM ON THE SOUTH SIDE OF THE PROPOSED CELL 2 WHILE EXPANDING THE RECHARGE DITCHES WHERE PROPOSED.
 3. CONSTRUCT FLOODPLAIN COMPENSATION AREA TO OFFSET THE FLOODPLAIN IMPACT AREAS.
 4. CONSTRUCT FLOODPLAIN COMPENSATION AREA M-2 AS MITIGATION.
 5. PLANT FLOODPLAIN COMPENSATION AREA M-2 AS MITIGATION.
 6. CONSTRUCT RD-1.
 7. CONSTRUCT CELL 1 WHILE DEWATERING INTO EXISTING GROUND BOUNDED BY CELL 2'S BERM AS NECESSARY. LEAVE A BERM TO SEPARATE CELL FROM BORROW PIT.
 8. CONSTRUCT CELL 2 WHILE DEWATERING INTO CELL 1 AS NECESSARY. LEAVE A BERM TO SEPARATE CELL 2 FROM CELL 1. PUMP WATER INTO WETLAND RECHARGE DITCH RD-2.
 9. CONSTRUCT 8' SODDED PERIMETER BERM ON WEST SIDE OF SITE BOUNDARY.
 10. CONSTRUCT CELL 3 WHILE DEWATERING INTO CELL 1 OR 2 AS NECESSARY. LEAVE A BERM TO SEPARATE CELL 3 FROM CELL 1 OR CELL 2. PUMP WATER INTO WETLAND RECHARGE DITCH RD-3.
 11. SOD AND/OR SEED SIDE SLOPES AS SOON AS POSSIBLE.
 12. NO MORE THAN ONE CELL WILL BE MINED/DEWATERED AT A TIME.

EXCAVATION AND RECHARGE DITCH SCHEDULE

- CELL 1: USE RD-1
CELL 2: USE RD-2
CELL 3: USE RD-3

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PHONE: 941-379-7600
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LICENSED PROFESSIONAL
WILLIAM E. CONERLY, P.E.
FLORIDA LICENSE NUMBER
57414

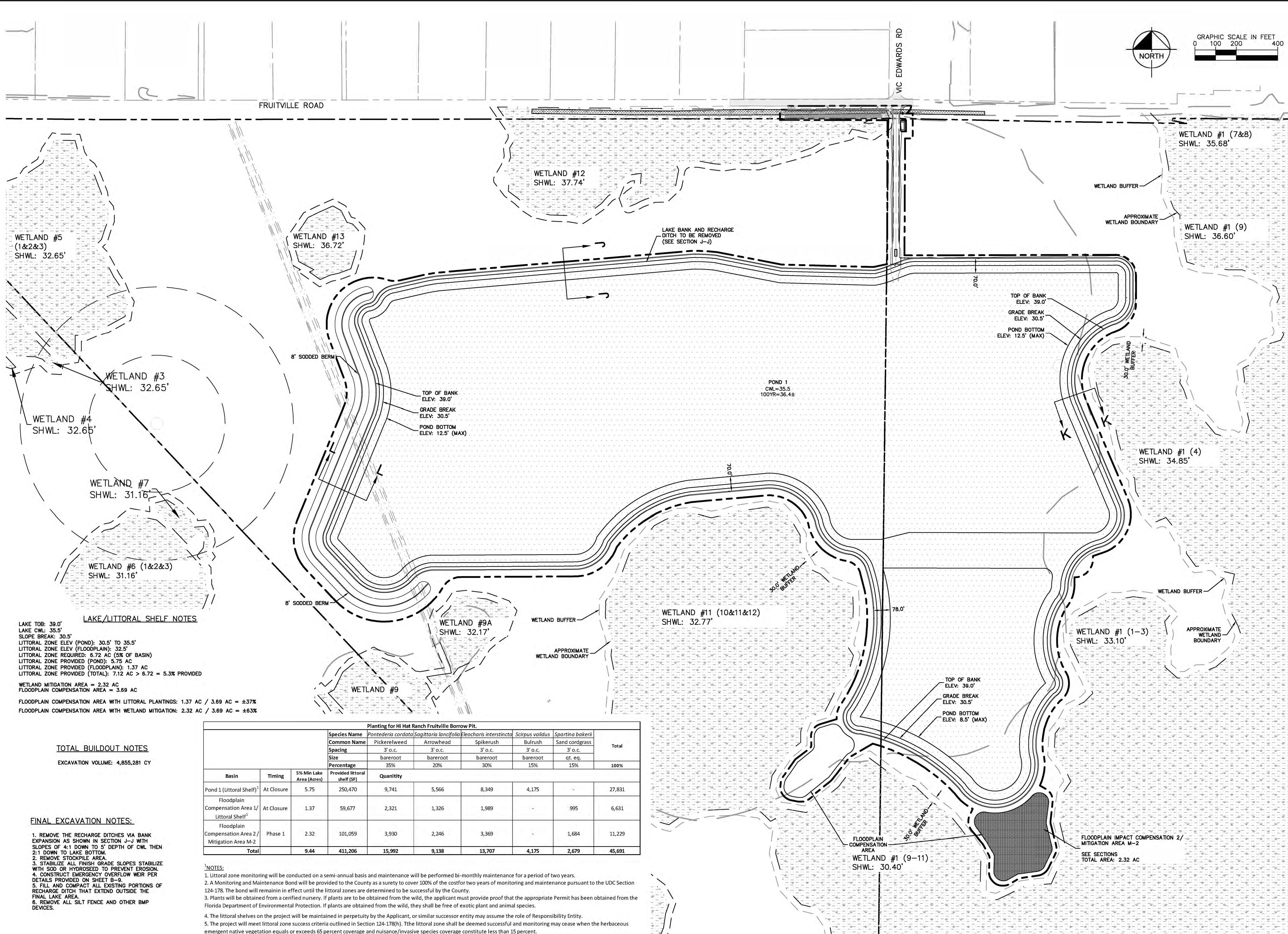
KHA PROJECT
240808000
DATE
JULY 2023
SCALE AS SHOWN
DESIGNED BY REC
DRAWN BY LAB
CHECKED BY WEC DATE: _____

**ACTIVE EXCAVATION
AND DEWATERING
PLAN (PHASE 2)**

HI HAT RANCH
FRUITVILLE BORROW PIT
PREPARED FOR:
HI HAT RANCH, LLLP
FLORIDA
SARASOTA COUNTY

SHEET NUMBER
B-4B

REVISIONS
No. DATE BY

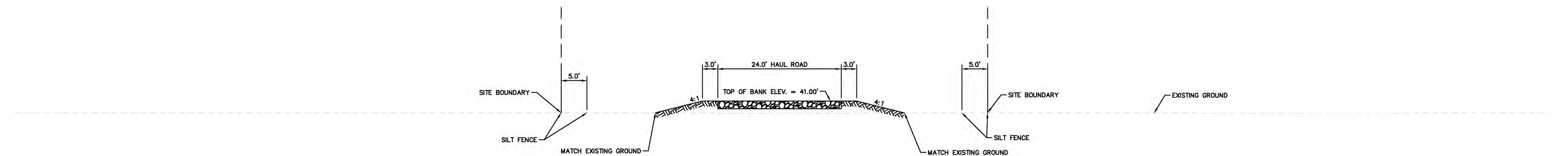


Planting for Hi Hat Ranch Fruitville Borrow Pit.									
			Species Name	<i>Pontederia cordata</i>	<i>Sagittaria lancifolia</i>	<i>Eleocharis interstincta</i>	<i>Scirpus validus</i>	<i>Spartina bakerii</i>	Total
			Common Name	Pickersweed	Arrowhead	Spikerush	Bulrush	Sand cordgrass	
			Spacing	3' o.c.	3' o.c.	3' o.c.	3' o.c.	3' o.c.	
			Size	bareroot	bareroot	bareroot	bareroot	qt. eq.	
			Percentage	35%	20%	30%	15%	15%	
Basin	Timing	5% Min Lake Area (Acres)	Provided littoral shelf (SF)	Quantity					
Pond 1 (Littoral Shelf) ¹	At Closure	5.75	250,470	9,741	5,566	8,349	4,175	-	27,831
Floodplain Compensation Area 1/ Littoral Shelf ¹	At Closure	1.37	59,677	2,321	1,326	1,989	-	995	6,631
Floodplain Compensation Area 2/ Mitigation Area M-2	Phase 1	2.32	101,059	3,930	2,246	3,369	-	1,684	11,229
Total		9.44	411,206	15,992	9,138	13,707	4,175	2,679	45,691

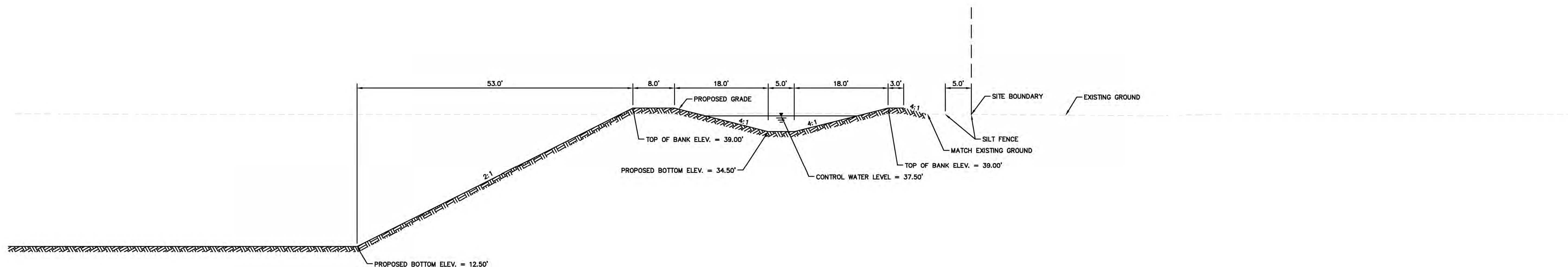
NOTES:

1. Littoral zone monitoring will be conducted on a semi-annual basis and maintenance will be performed bi-monthly maintenance for a period of two years.
2. A Monitoring and Maintenance Bond will be provided to the County as a surety to cover 100% of the cost for two years of monitoring and maintenance pursuant to the UDC Section 174-178. The bond will remain in effect until littoral zones are determined to be successful by the County.
3. Plants will be obtained from a certified nursery. If plants are to be obtained from the wild, the applicant must provide proof that the appropriate Permit has been obtained from the Florida Department of Environmental Protection. If plants are obtained from the wild, they shall be free of exotic plant and animal species.
4. The littoral shelves on the project will be maintained in perpetuity by the Applicant, or similar successor entity may assume the role of Responsibility Entity.
5. The project will meet littoral zone success criteria outlined in Section 124-178(h). The littoral zone shall be deemed successful and monitoring may cease when the herbaceous emergent native vegetation equals or exceeds 65 percent coverage and nuisance/invasive species coverage constitute less than 15 percent.

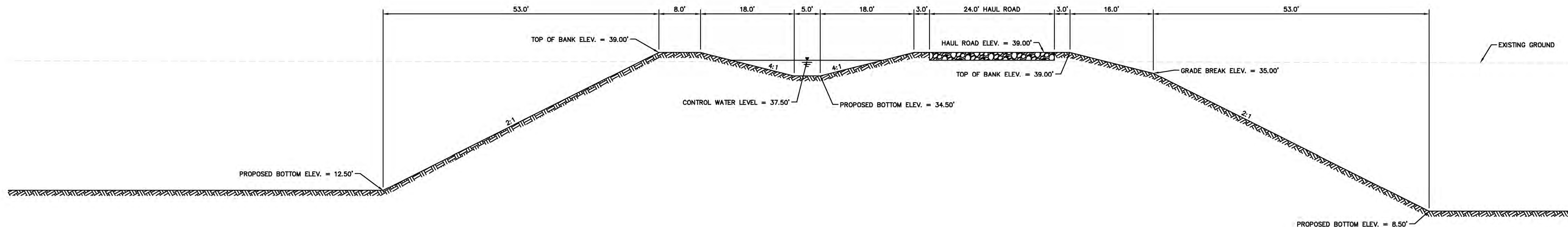
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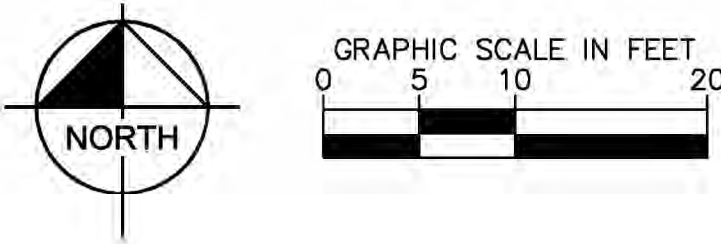
SECTION A-A (ENTRANCE HAUL ROUTE)



SECTION B-B (CELL 1 - NORTH)

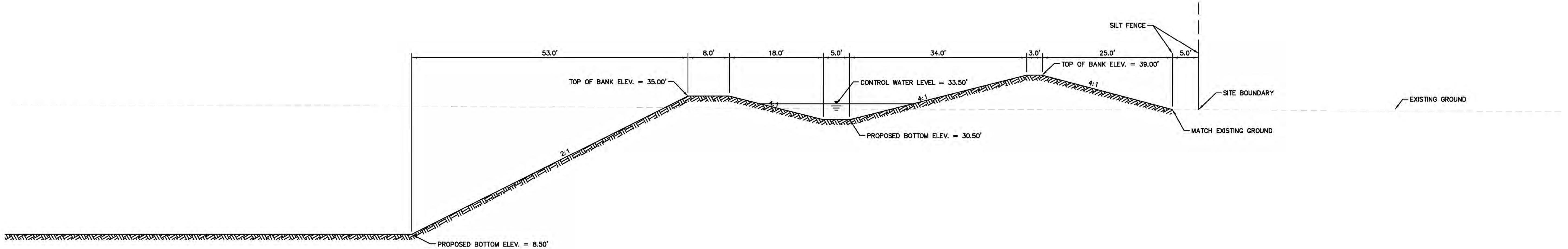


SECTION C-C (CELL 1 AND 2)

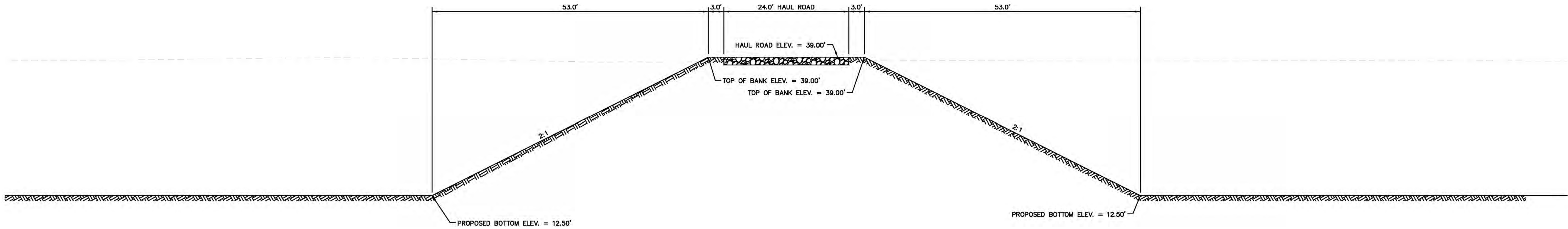


SHEET NUMBER B-6A	HI HAT RANCH FRUITVILLE BORROW PIT PREPARED FOR: HI HAT RANCH, LLLP	FLORIDA	ACTIVE TYPICAL DETAILS AND SECTIONS	KHA PROJECT 248088000 DATE JULY 2023 SCALE AS SHOWN DESIGNED BY REC DRAWN BY LAB CHECKED BY WEC DATE:	LICENSED PROFESSIONAL WILLIAM E. CONERLY, P.E. FLORIDA LICENSE NUMBER 57414	Kimley»Horn © 2023 KIMLEY-HORN AND ASSOCIATES, INC. 1777 MAIN STREET, SUITE 370, SARASOTA, FL 34236 PHONE: 941-379-7600 WWW.KIMLEY-HORN.COM CA 00035 06	No.	REVISIONS	DATE	BY
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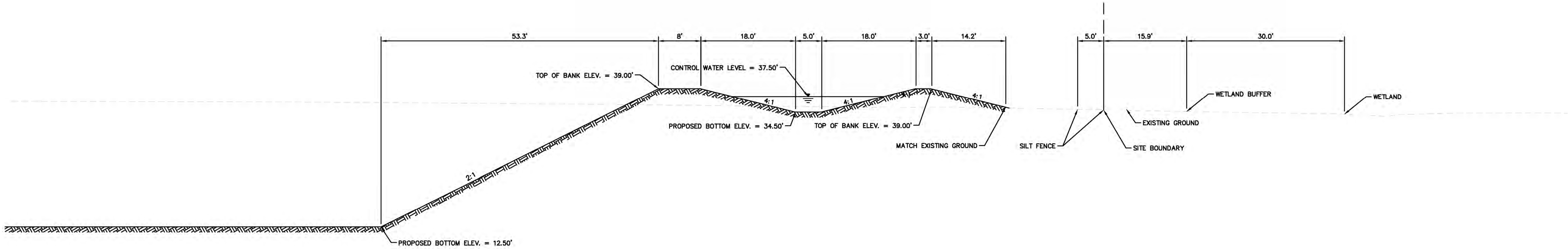
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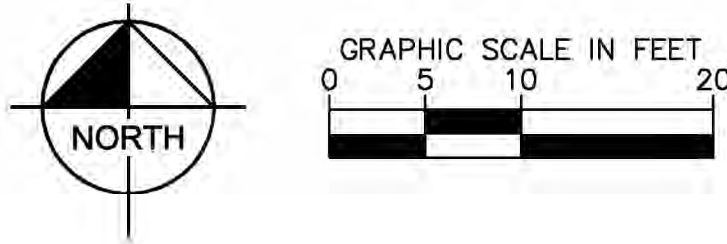
SECTION D-D (CELL 2 - SOUTH)



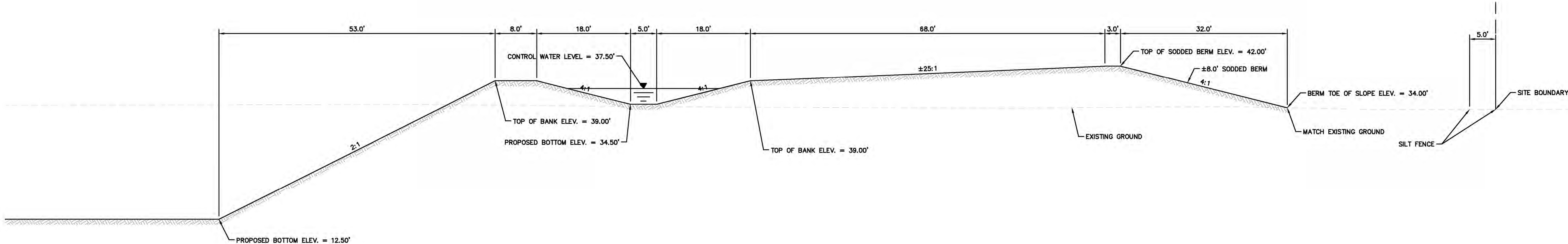
SECTION E-E (CELL 2 AND 3)



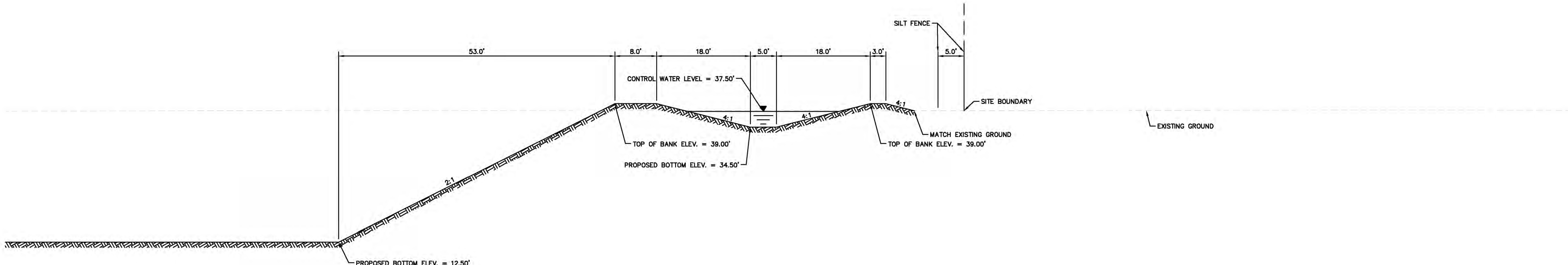
SECTION F-F (CELL 3 - SOUTH)



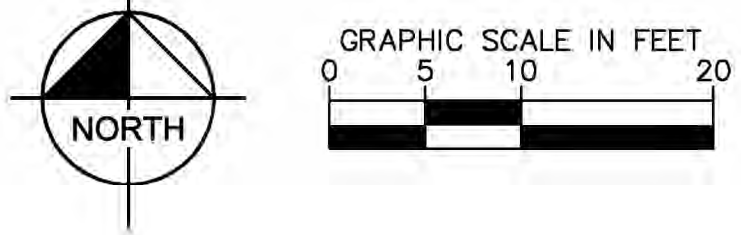
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B-6B		PREPARED FOR: HI HAT RANCH, LLLP				SCALE AS SHOWN		WILLIAM E. CONERLY, P.E.		© 2023 KIMLEY-HORN AND ASSOCIATES, INC. 1777 MAIN STREET, SUITE 200, SARASOTA, FL 34236 PHONE: 941-379-7600 WWW.KIMLEY-HORN.COM CA 00035106	
						DESIGNED BY		FLORIDA LICENSE NUMBER			
						DRAWN BY		57414			
						CHECKED BY		LAB			
						WEED DATE:					



SECTION G-G (CELL 3 - SOUTHWEST)

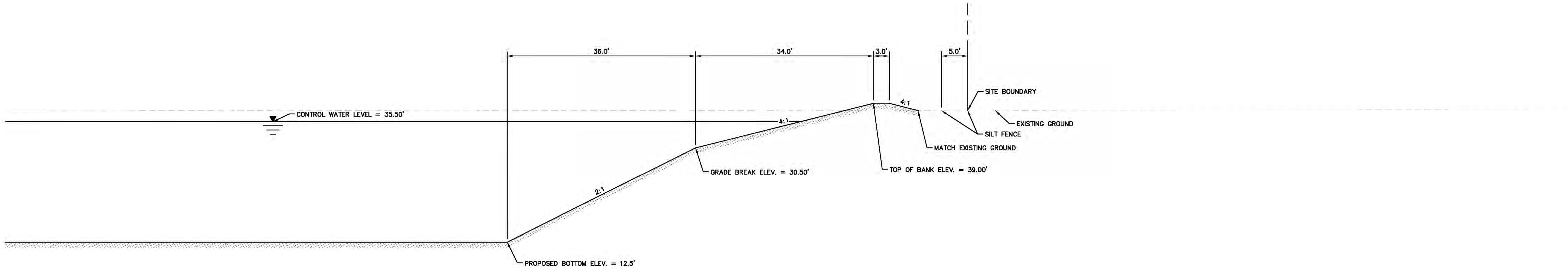


SECTION H-H (CELL 3 - NORTH)

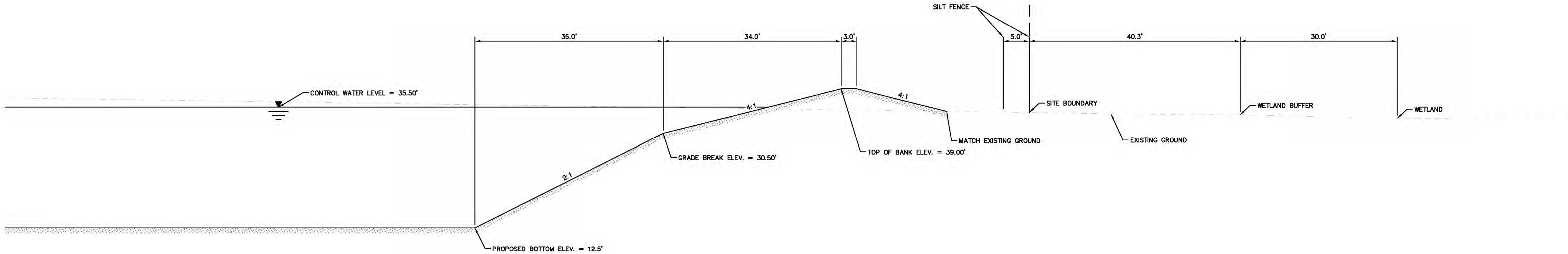


SHEET NUMBER B-6C	HI HAT RANCH FRUITVILLE BORROW PIT	ACTIVE TYPICAL DETAILS AND SECTIONS	KHA PROJECT 24B088000	LICENSED PROFESSIONAL	Kimley»Horn © 2023 KIMLEY-HORN AND ASSOCIATES, INC. 1777 MAIN STREET, SUITE 300, SARASOTA, FL 34236 PHONE: 941-379-7600 WWW.KIMLEY-HORN.COM CA 00035 06	No.	REVISIONS	DATE	BY
			DATE JULY 2023	WILLIAM E. CONERLY, P.E.					
			SCALE AS SHOWN	FLORIDA LICENSE NUMBER					
			DESIGNED BY REC	57414					
			DRAWN BY LAB						
			CHECKED BY						
			REC DATE:						

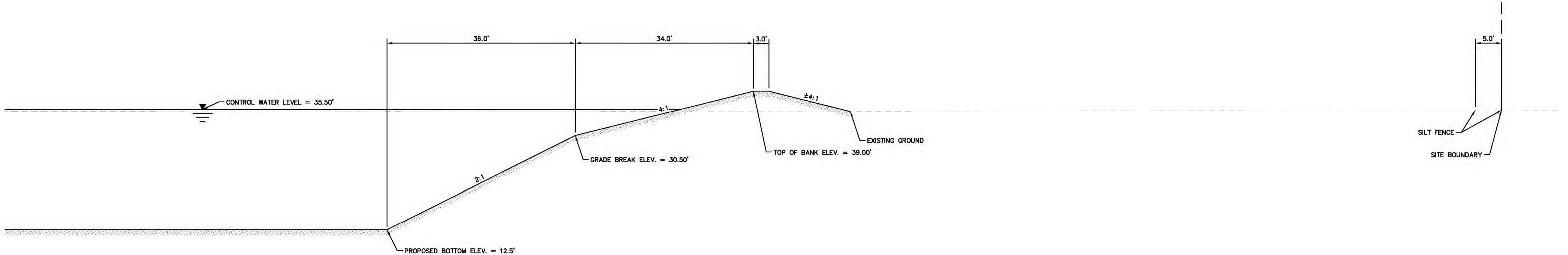
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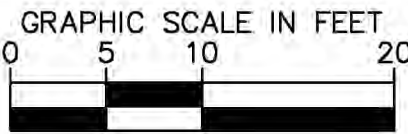
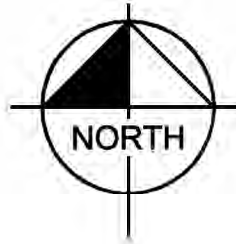
SECTION J-J (CELL 3 - NORTH)



SECTION K-K (CELL 1 - EAST)



SECTION L-L (CELL 3 - WEST)



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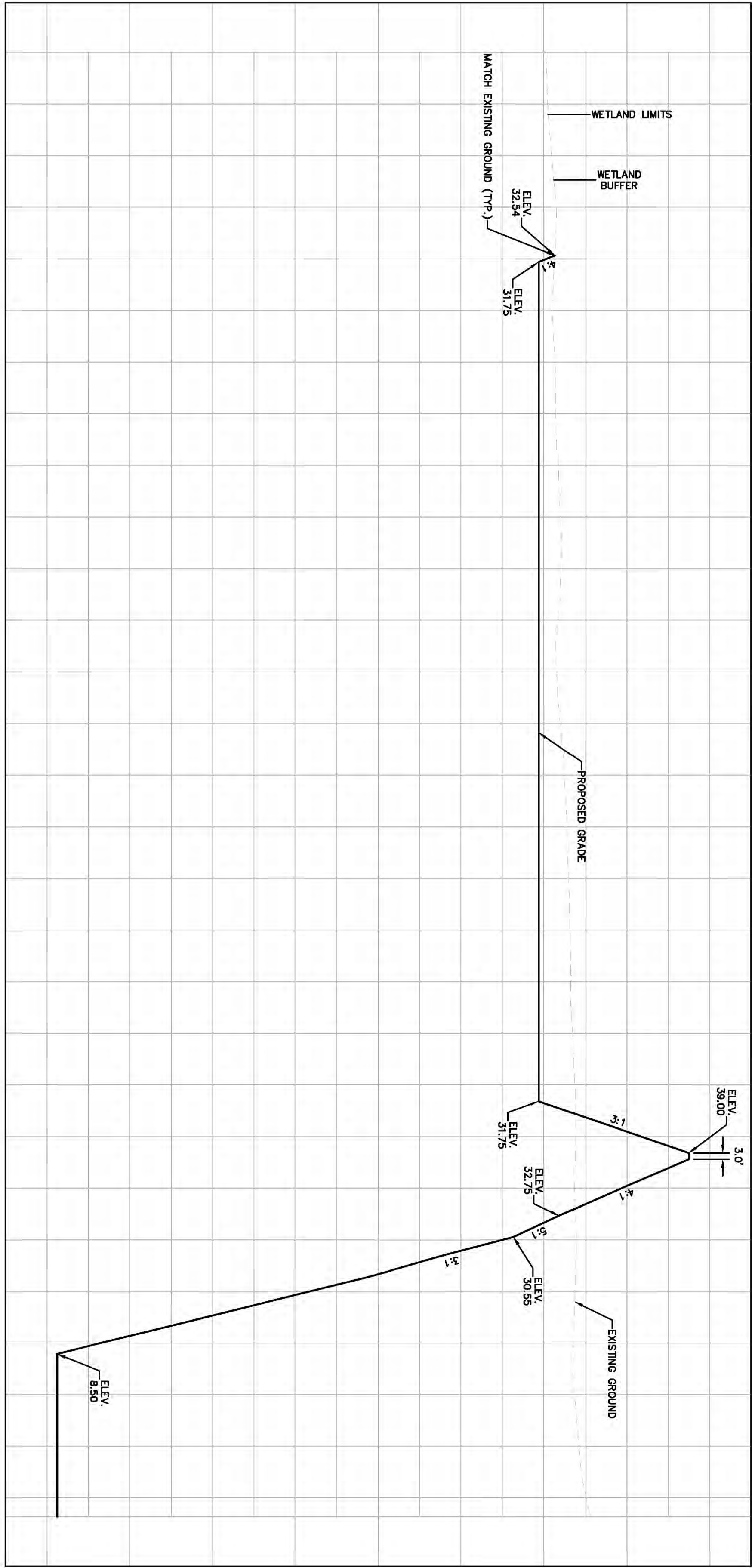
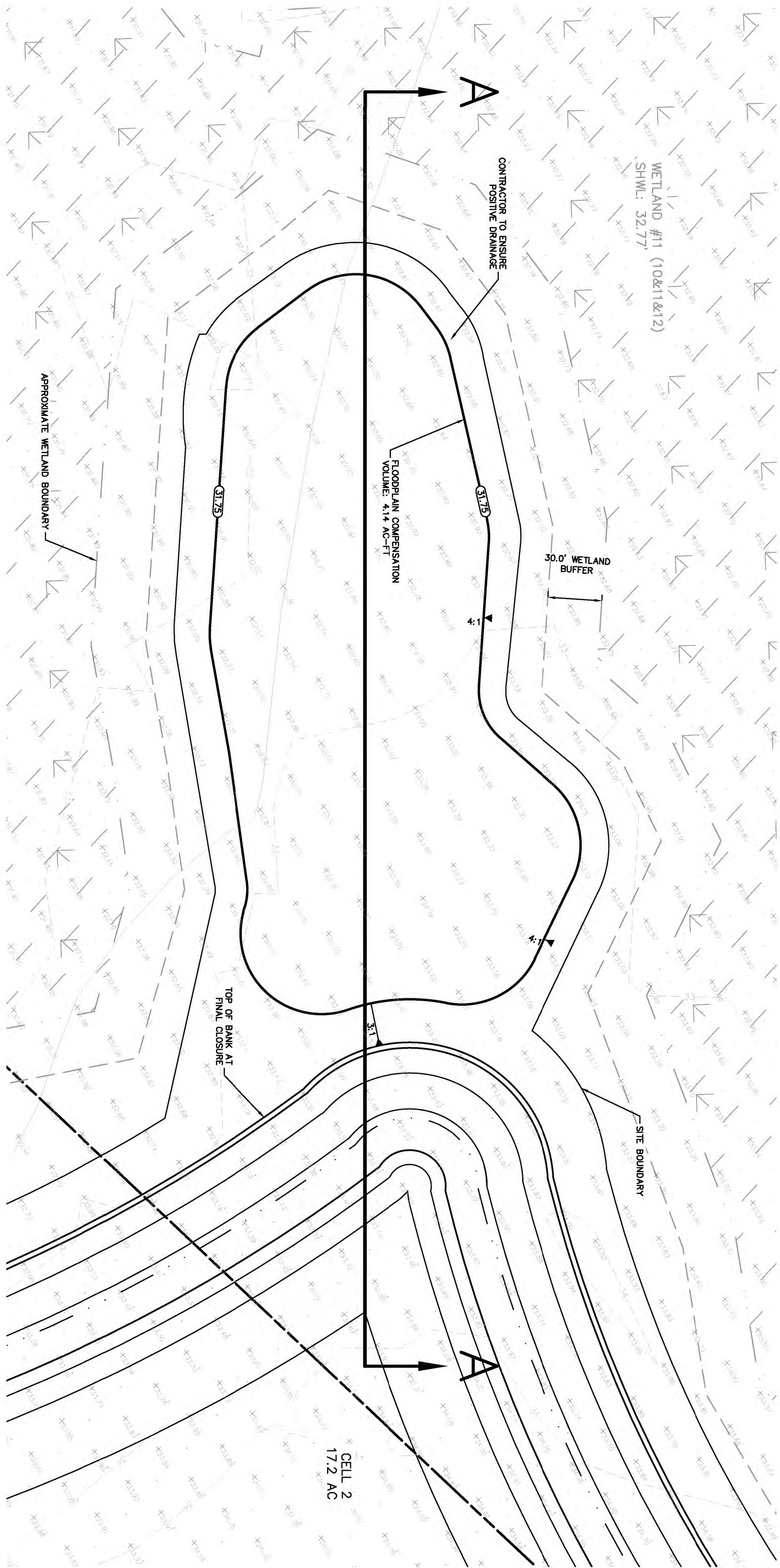
KHA PROJECT 248088000	LICENSED PROFESSIONAL
DATE JULY 2023	WILLIAM E. CONERLY, P.E.
SCALE AS SHOWN	FLORIDA LICENSE NUMBER 57414
DESIGNED BY REC	CHECKED BY WEC
DRAWN BY LAB	DATE

CLOSEOUT TYPICAL
DETAILS AND
SECTIONS

HI HAT RANCH
FRUITVILLE BORROW PIT
PREPARED FOR:
HI HAT RANCH, LLLP

SARASOTA COUNTY
FLORIDA

SHEET NUMBER
B-6D



FLOODPLAIN COMPENSATION NOTES:

VOLUME REQUIRED: 4.12 AC-FT
VOLUME PROVIDED: 4.14 AC-FT
AREA AT 100% STAGE: 1.81 AC
AREA AT BOTTOM OF COMPENSATION AREA: 1.33 AC
100%-R FLOOD STAGE IN NODE 088860-N, 33.66 FT
NODE INFORMATION PROVIDED BY CRR MODEL MAINTAINED BY SARASOTA COUNTY - DOWN BAY WATERSHED

KHA PROJECT 248088000	LICENSED PROFESSIONAL
DATE JULY 2023	WILLIAM E. CONERLY, P.E.
SCALE AS SHOWN	FLORIDA LICENSE NUMBER 57414
DESIGNED BY REC	DATE: _____
DRAWN BY LAB	
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DESIGNED BY REC	DATE: _____
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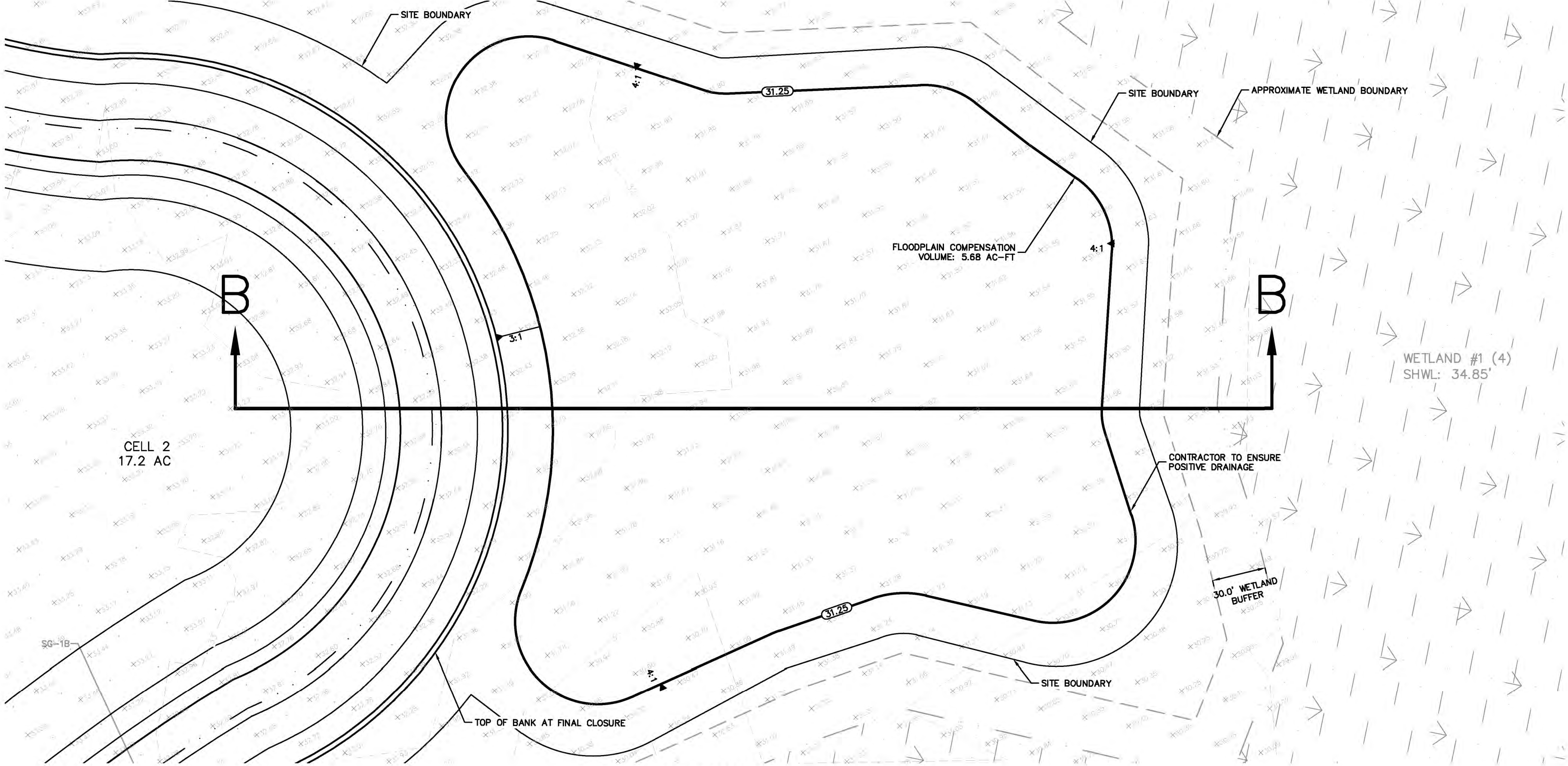
No.	REVISIONS	DATE	BY

HI HAT RANCH FRUITVILLE BORROW PIT	FLORIDA
PREPARED FOR: HI HAT RANCH, LLLP	
SARASOTA COUNTY	

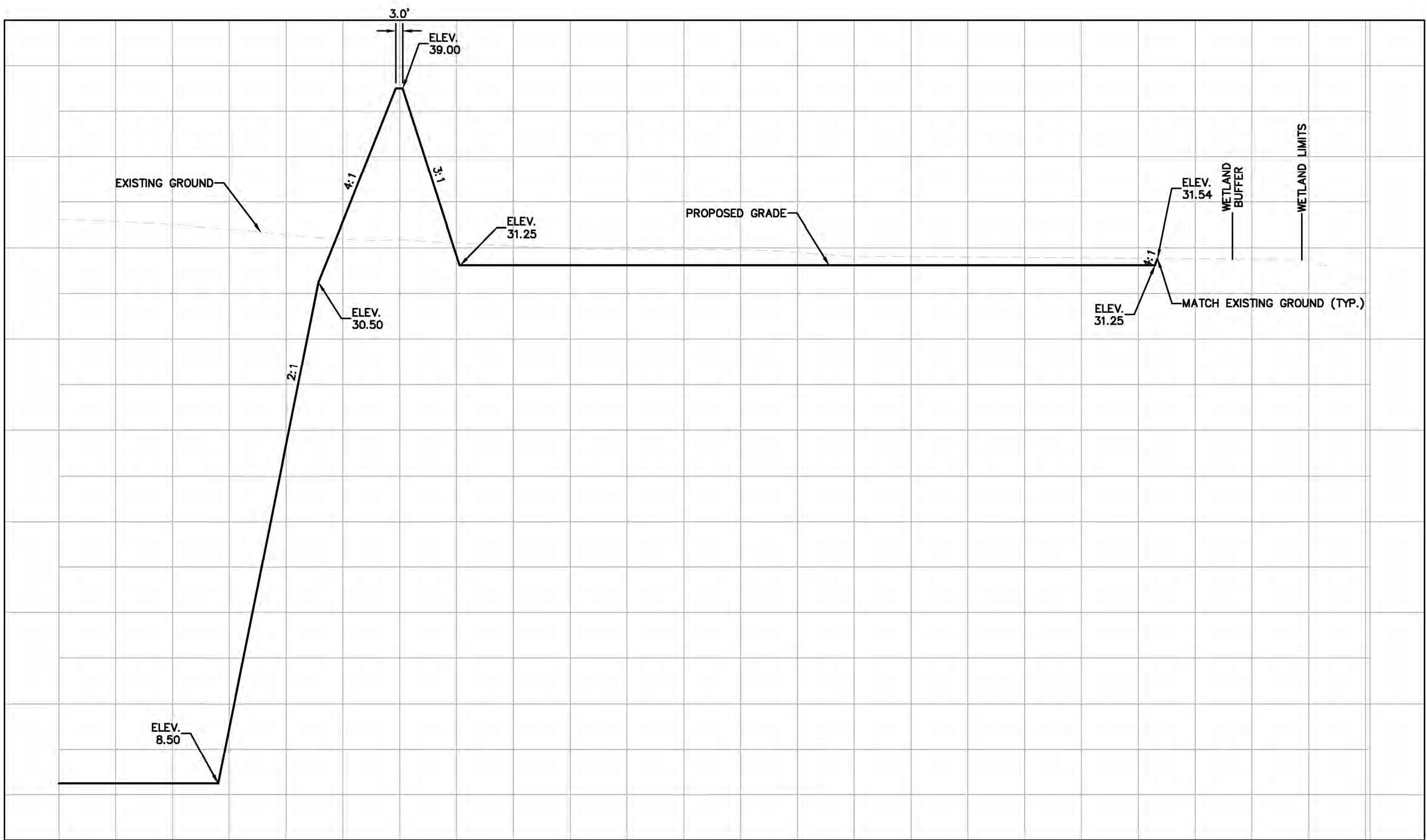
FLOODPLAIN
COMPENSATION
TYPICAL DETAILS
AND SECTIONS

SHEET NUMBER
B-7A

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SECTION B-B



SECTION B-B
SCALE: 1" = 40'

FLOODPLAIN COMPENSATION AREA M-2 NOTES:

VOLUME REQUIRED: 5.67 AC-FT
VOLUME PROVIDED: 5.68 AC-FT

AREA AT 100YR STAGE: 2.21 AC
AREA AT BOTTOM OF COMPENSATION AREA: 2.50 AC

100-YR FLOOD STAGE IN NODE 095290_N: 33.66 FT
NODE INFORMATION PROVIDED BY ICPR MODEL MAINTAINED BY SARASOTA COUNTY - DONA BAY WATERSHED

KHA PROJECT 248088000		DATE JULY 2023		LISCENSED PROFESSIONAL WILLIAM E. CONERLY, P.E. FLORIDA LICENSE NUMBER 57414		KIMLEY-HORN		REVISIONS		DATE		BY	
SCALE AS SHOWN		DESIGNED BY REC		LAB		DRAWN BY		CHECKED BY		WEC		DATE	
HI HAT RANCH FRUITVILLE BORROW PIT		PREPARED FOR: HI HAT RANCH, LLLP		SARASOTA COUNTY		FLORIDA		SHEET NUMBER B-7B		FLOODPLAIN COMPENSATION TYPICAL DETAILS AND SECTIONS			

