

CONSTRUCTION PLANS
for
ALFRED A. MCKETHAN
PINE ISLAND PARK
RESTORATION

HERNANDO COUNTY, FLORIDA

Project Number 24108

ZONING: R1B PARK SITE

PREPARED FOR:

HERNANDO COUNTY PARKS & RECREATION

BROOKSVILLE, FL 34604

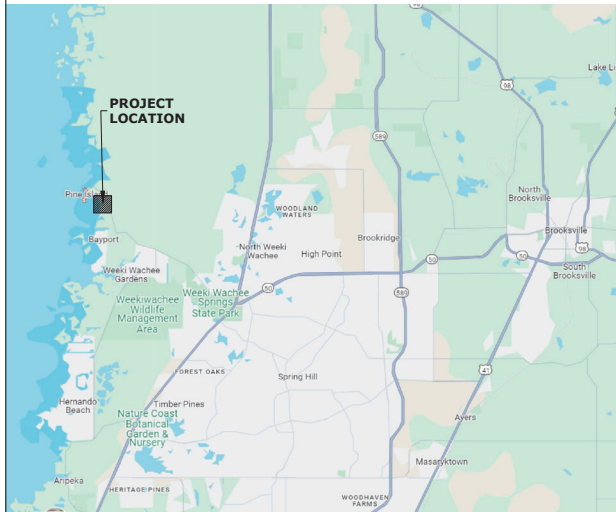
PARKS & RECREATION ADMINISTRATOR: ROB TALMAGE

PREPARED BY:

Coastal
engineering associates, inc.
Engineering
Planning
Surveying
Environmental
Construction Management
966 Candlelight Boulevard - Brooksville - Florida 34601
(352) 796-9423 - Fax (352) 799-8359
EB-0000142

SHEET LIST TABLE

C-01 COVER SHEET
C-02 EXISTING CONDITIONS & DEMOLITION PLAN
C-03 OVERALL SITE PLAN
C-04 SITE PLAN
C-05 SITE PLAN (2)
C-06 UTILITY PLAN



SITE DATA

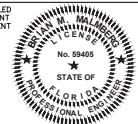
OWNER: HERNANDO COUNTY PARKS & RECREATION
OFFICE ADDRESS: 16161 FLIGHT PATH DR
BROOKSVILLE, FL 34604
CONTACT: ROB TALMAGE
RTALMAGE@CO.HERNANDO.FL.US
ENGINEER/SURVEYOR: COASTAL ENGINEERING
ASSOCIATES, INC.
BRIAN MALMBERG, P.E. REG#59405
966 CANDLELIGHT BLVD.
BROOKSVILLE, FLA. 34601
PH: (352) 796-9423
BMALMBERG@COASTAL-ENGINEERING.COM
PROJECT ADDRESS: 10800 PINE ISLAND DRIVE
SPRING HILL, FL 34607
PARCEL KEY: 339235
EXIST. ZONING: R1B PARK SITE
TOTAL PROPERTY AREA: ±7.68 AC
PROJECT AREA: ±7.68 AC

PLAN REVISIONS

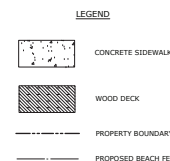
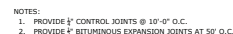
AGENCY APPROVALS

| DATE | REVISION NO. | REVISION | AGENCY | PERMIT TYPE | PERMIT NO. | EXP. DATE |
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THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED
BY BRIAN MALMBERG, P.E. ON THE DATE ADJACENT
TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT
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DESIGN ENGINEER BRIAN M. MALMBERG, P.E., REGISTRATION NO. 59405

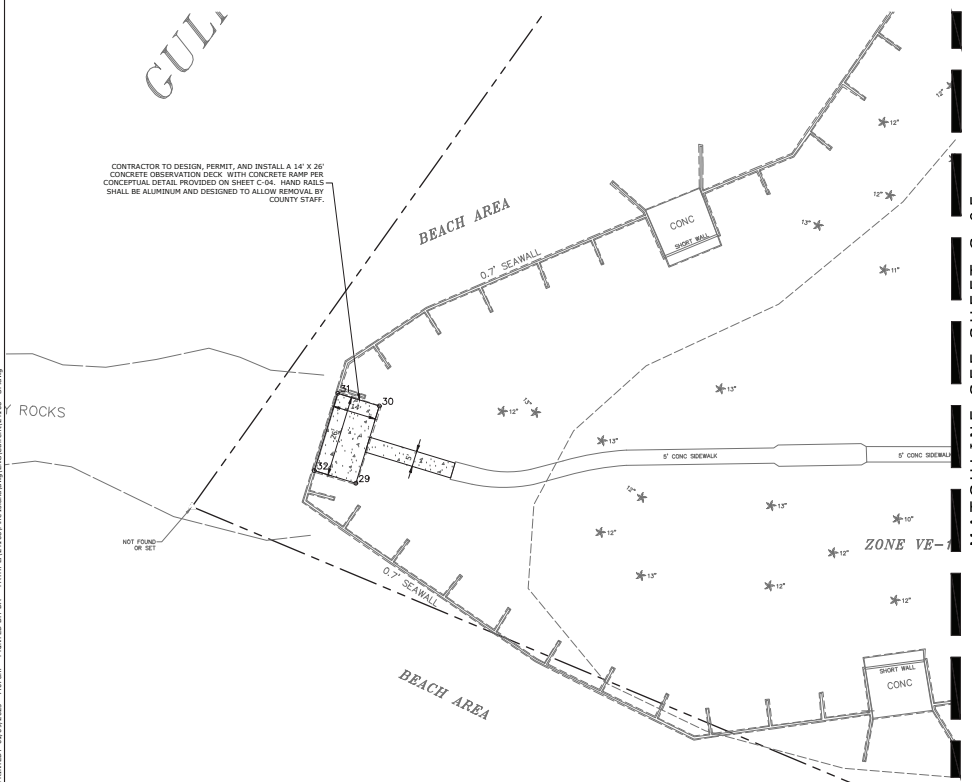


- BENCHMARK DATUM IS NAVD 83.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL HORIZONTAL AND VERTICAL CONTROL MARKERS AND PROPERTY CORNERS (MONUMENTS, PIPES, ETC.) FOR THE DURATION OF CONSTRUCTION. IF ANY CONTROL MARKER OR CORNER SHOULD BE RESET IMMEDIATELY AFTER A FLOOD LICENSEE LAND SURVEYOR IF ANY SHOULD COME DISTURBED.
3. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF THE PREPARATION OF THIS CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE ABSOLUTE CERTAIN THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES, ETC., AFFECTING HIS WORK PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR SHALL REPLACE ALL PLANNED, STABILIZED EARTH, DRIVEWAYS, SIDEWALKS, RETAINING WALLS, EROSION CONTROL MEASURES, ETC., THAT MAY BE REMOVED BY THE ACTION OF THE MATERIAL REMOVED OR DAMAGED AS DIRECTED BY THE ENGINEER.
5. THE CONTRACTOR SHALL SATISFY HIMSELF AS TO POSSIBLE INCIDENTAL CONFLICTS WITH EXISTING UTILITIES, STRUCTURES, ETC. AND MAKE NECESSARY ADJUSTMENTS TO THE PROPOSED PROJECT. OVERALL COSTS THE REMOVAL AND REPLACEMENT OR PROTECTION OF SUCH INCIDENTAL ITEMS.
6. THE CONTRACTOR, PRIOR TO BEGINNING THIS WORK, SHALL APPRAISE HIMSELF AS TO ALL ABOVE AND BELOW GROUND FEATURES THAT HE MAY ENCOUNTER DURING CONSTRUCTION AND INCLUDE INTO HIS BIDDING ALL COSTS FOR SPECIFIC CONTROLS, STANDARDS AND PROCEDURES THAT NEED TO BE TAKEN TO WORK AROUND SUCH APURTANCES.
7. CONSTRUCTION SHALL BE CARRIED OUT "IN THE DRY". THE CONTRACTOR SHALL REVIEW SITE CONDITIONS AND SOIL TYPES AND DETERMINE THE MOST EFFECTIVE METHODS TO PRECLUDE COLLAPSE OF DEWATERING IN THE BID. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR CONTROL OF WATER IN EXISTING MATERIALS. ANY REMEDIATION OR REWORK REQUIRED AS A RESULT OF INADEQUATE OR INSUFFICIENT Dewatering.
8. ALL WORK TO BE PERFORMED FOR THE COMPLETION OF THIS PROJECT SHALL BE CONSTRUCTED ACCORDING TO THE BEST PRACTICES OF THE INDUSTRY AND IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL ORDINANCES, STANDARDS AND PERMIT CONDITIONS. (FLORIDA BUILDING CODE (LATEST EDITION) AS APPLICABLE).
9. CONTRACTOR SHALL PROVIDE ADDITIONAL CONACTION TESTING IN ACCORDANCE WITH "HERNANDO COUNTY FACILITY DESIGN GUIDELINES", LATEST EDITION, ON ONE PEAK TRENCH WITH 7' OF COYNTON COVER.
10. THE CONTRACTOR IS ADVISED THAT AN WORKS CONSTRUCTION PERMIT WILL BE REQUIRED FOR THIS PROJECT AND THAT THE CONTRACTOR IS RESPONSIBLE FOR APPLYING FOR AND ADDRESSING TO THIS PROJECT AND OBTAINING ALL NECESSARY PERMITS FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. THE SUPPLY NOTICES AND DETAILS SHEETS ARE FOR COMPLIANCE WITH ENVIRONMENTAL PROTECTION AGENCY PERMITS UNDER SECTION 401(C), P.C.A. AND MAY BE USED AS A REFERENCE FOR COMPLIANCE WITH PERMITS DRAINAGE BUT ARE NOT NECESSARILY INCLUSIVE OF ALL COUNTY'S REQUIREMENTS.
11. CONSTRUCTION EQUIPMENT SHALL NOT BE OPERATED IN WETLAND AREAS UNLESS SUCH CONSTRUCTION EQUIPMENT IS APPROVED IN A PLAN BY OPERATOR SUBMITTED TO THE COUNTY AND THE APPROPRIATE REGULATORY AUTHORITIES. WHERE CONSTRUCTION IS NECESSARY ACROSS OR ADJACENT TO WETLAND AREAS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS. THERE SHALL BE CONSIDERED LIMITS OF CONSTRUCTION WITHIN OR ADJACENT TO JURISDICTIONAL AREAS, INCLUDING WETLANDS AND ADJACENT AREAS, AND THE CONTRACTOR SHALL COLLECT AND RECORD THE DATA. THE CONTRACTOR SHALL, THESE MATERIALS SHALL BE STAGED OR CONTAINERIZED AS NECESSARY TO MINIMIZE EROSION RELATED TO THE STORAGE OF THESE MATERIALS SHALL BE IN ACCORDANCE WITH APPLICABLE MUNICIPAL, COUNTY AND STATE REGULATIONS.
12. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING PORTABLE SANITARY WASTE UNITS OR SITE FOR USE BY HIS EMPLOYEES DURING CONSTRUCTION.
13. THE CONTRACTOR SHALL MAINTAIN CONTROL OF ANY HAZARDOUS MATERIALS UTILIZED ON SITE FOR CONSTRUCTION PURPOSES. ERGAS SHALL BE RESPONSIBLE FOR THE INSPECTED REGION FOR LEAKAGE OF A SPILL PREVENTION PLAN SHALL BE ESTABLISHED WHICH COVERS CLEANUP AND NOTIFICATION OF APPROPRIATE GOVERNMENT AGENCIES.
14. CONTRACTOR SHALL NOT REMOVE TREES WITHOUT APPROVAL OF THE LOCAL GOVERNING JURISDICTION. WHEN REMOVING TREES, THE CONTRACTOR SHALL:
15. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING SITE EROSION AND SHALL NOT UNNECESSARILY REMOVE EXISTING VEGETATION OR ALLOW EXISTING TOPOGRAPHY. THE CONTRACTOR SHALL PROVIDE SLOPES WITHIN THE PROJECT AREA TO BE PROTECTED BY EROSION CONTROL MEASURES. THE CONTRACTOR SHALL PROVIDE FREE TREE (FREE FROM ROTTING, ETC.) TO THE LIMBS AND GRASSES SHOWN IN THE PLANS UNTIL THEY HAVE BEEN REMOVED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF UNPAVED SURFACES WHICH EXPERIENCE UNDER CONSTRUCTION FOR 48 HOURS CONTROLLABLE BY OTHER MEANS. THE CONTRACTOR SHALL SOODEN SLOPES TO BE PROTECTED BY EROSION CONTROL MEASURES UNLESS OTHERWISE IN THE CONTRACT DOCUMENTS. ALL SOODEN SLOPES OVER 4:1 SHALL BE INSTALLED WITH SOO SOCS.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF TEMPORARY SEDIMENT/EROSION CONTROL

MINIMUM REQUIRED AS-BUILTS

GENERAL

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING A RECORD SURVEY(S) PREPARED AND SUBMITTED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER INCLUDING, BUT NOT LIMITED TO, LOCATION AND FINISHED GRADE ELEVATIONS IN PAVED AND NON-PAVED AREAS SUBJECT TO THE DIRECTION OF FLOW OF TRAFFIC, LOCATION AND FINISHED GRADE ELEVATIONS OF EROSION MITIGATION AREAS AND DITCH/CANAL CONVEYANCES INCLUDING TOPS OF BANKS, TOES OF SLOPES, SPILLWAYS AND WATERWAYS, DRAINAGE ELEVATIONS OF ROADS, DITCHES, CANALS, CRITICAL AREAS, SPILLWAYS AND UNDERDRAINS, DRAINAGE ELEVATIONS OF GATES/INLET/RIUM ELEVATIONS, STORM PIPE MATERIALS, AND PIPE INVERTS, PLUS LOCATION, DIMENSIONS AND ELEVATIONS OF ALL OTHER STRUCTURES AND CONDUITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY LOCATION OF WATER LINE CONNECTIONS, VALVES, BENDS, METERS AND ELEVATIONS OF PIPES WHERE DEPTH OF COVER VARIES FROM DESIGN, THIS TO SATEFY SANITARY SEWER LINES, MANHOLE RIM AND INVERT ELEVATIONS, AND MANHOLE RIM AND SPILLWAY ELEVATIONS.
2. ALL DIMENSIONS SHALL BE IN FEET DIMENSIONED OFF CENTERLINE OF ROADS OR OTHER PERMANENT STRUCTURES. IF ONLY ONE DIMENSION CAN BE TAKEN OFF THE CENTERLINE OF ROAD, THE SECOND SHALL BE FOUR (4) FEET PERMANENT HARD OR SCALE POINT.
3. YOUR 4 SETS OF 24X36 ISOINED AND ORIENTED AS-BUILT DRAWINGS SHALL BE SUBMITTED TO THE DISTRICT AND TO THE ENGINEER UPON COMPLETION OF THE PROJECT.



MATCHLINE SEE SHEET C-05

SITE PLAN

ALFRED A. MCKETHAN PINE ISLAND PARK RESTORATION

Coastal
engineering & construction, inc.
Engineering
Programming
Surveying
Environmental
Transportation
Construction Management

966 Candlelight Boulevard - Brooksville - Florida 34601
(352) 796-0423 - Fax (352) 799-8559
EB-0000142

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REVISION

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| DATE | REV. BY | REV. NO. |
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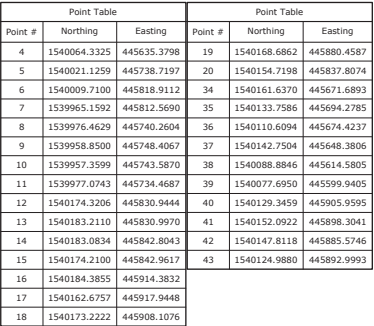
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ALFRED A. MCKETHAN PINE
ISLAND PARK RESTORATION

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C-05
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Coastal Engineering
Planning
Surveying
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Transportation
Construction Management

elg@engrcoastal.com
elg@engrcoastal.com

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