

MONCADA PROPERTY SECTION 24 IMPOUNDMENT EXPANSION CONSTRUCTION DRAWINGS

PREPARED FOR



PALM BEACH COUNTY, FL

**BID SET
JANUARY 2024**

VILLAGE COUNCIL

ANNE GERWIG, MAYOR
MICHAEL J. NAPOLEONE, VICE MAYOR
JOHN T. MCGOVERN, COUNCILMAN
MICHAEL DRAHOS, COUNCILMAN
TANYA SISKIND, COUNCILMAN

VILLAGE MANAGER

JIM BARNES

VILLAGE ENGINEER

JONATHAN REINSVOLD, P.E.

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ELEVATIONS SHOWN ARE IN NAVD88. NGVD = NAVD88 + 1.48'

REPRODUCTION:
 ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS
 MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS
 MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

CADD File: F:\wellmon2\CAD\DWG\MONZCS02_C0-1.dwg
 PLOT DATE: Jan 16, 2024 - 4:32pm

Vertical Datum:
 NAVD88
 P.A. No.
 WE014.40
 Dwg. No.
 44-40-24-11
 Location:
 PALM BEACH COUNTY, FL

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SEAL
 TYLER THOMPSON
 Florida P.E. No. 86558

Date

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Florida Reg. No. 48

Florida L.B. No. 48

**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**

VILLAGE OF WELLINGTON

COVER

JANUARY 2024

C0-1



VICINITY MAP
N.T.S.

SECTION 24, TOWNSHIP 44 SOUTH, RANGE 40 EAST

SURVEY SYMBOL LEGEND:

- BACKFLOW PREVENTER
- BENCHMARK
- BOLLARD
- CATCH BASIN
- CLEAN OUT
- COMMUNICATION RISER
- CONCRETE POWER POLE
- CONCRETE POWER POLE WITH LIGHT
- ELECTRIC HANDHOLE
- ELECTRIC METER
- FIRE HYDRANT
- GAS MARKER
- GATE POST
- IRRIGATION CONTROL VALVE HAND HOLE
- SANITARY MANHOLE
- SIGN
- UNKNOWN HANDHOLE
- WATER METER

PLAT LEGEND:

- (P1) PALM BEACH POINT
(P.B. 33, PG 133, P.B.C.R.)

SURVEY LEGEND:

- CMP CORRUGATED METAL PIPE
- DE DRAINAGE EASEMENT
- E EAST
- EL ELEVATION
- IEE INGRESS EGRESS EASEMENT
- INV INVERT
- LB LICENSED BUSINESS
- LS LICENSED SURVEYOR
- N NORTH
- O.R.B. OFFICIAL RECORDS BOOK
- P.B. PLAT BOOK
- P.B.C.R. PALM BEACH COUNTY RECORDS
- PCN PARCEL CONTROL NUMBER
- PG. PAGE
- PL PLANTER
- R/W RIGHT-OF-WAY
- RNG RANGE
- S SOUTH
- S.F.W.M.D. SOUTH FLORIDA WATER MANAGEMENT DISTRICT
- TOP TOP OF PIPE
- TWN TOWNSHIP
- UE UTILITY EASEMENT
- W WEST

SURVEY NOTES:

1. THE SURVEY DEPICTED HEREON HAS BEEN CLASSIFIED AS A TOPOGRAPHIC SURVEY, AS DEFINED IN RULE 5J-17.050 OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO CHAPTER 472.027, FLORIDA STATUTES AS AMENDED.
2. THE SURVEY HAS BEEN PREPARED IN THE OFFICE OF DENNIS J. LEAVY & ASSOCIATES, INC. LOCATED AT: 460 BUSINESS PARK WAY, SUITE B, ROYAL PALM BEACH, FLORIDA, WHOSE CERTIFICATE OF AUTHORIZATION NUMBER IS LB #6599, AND THE CERTIFYING SURVEYOR'S (DAVID A. BOWER) LICENSE NUMBER IS LS #5888.
3. THE SURVEY IS NOT A BOUNDARY SURVEY.
4. THE SURVEY DOES NOT ADDRESS ENVIRONMENTAL MATTERS, JURISDICTIONAL BOUNDARIES OR HAZARDOUS WASTE CONCERNS SHOULD ANY OF THE FOREGOING EXIST.
5. THE ELEVATIONS SHOWN HEREON ARE FOR THE PURPOSE OF INDICATING THE GROUND ELEVATION ONLY AT THE POSITION SHOWN AND IN NO WAY INDICATE ELEVATIONS AT ANY OTHER POINT THAN SHOWN HEREON AND DO NOT DETERMINE SUB SURFACE CONDITIONS.
6. THE UNDERSIGNED MAKES NO REPRESENTATIONS OR GUARANTEES AS TO THE INFORMATION REFLECTED HEREON PERTAINING TO EASEMENTS, RIGHTS OF WAY, SETBACK LINES, AGREEMENTS AND OTHER MATTERS, AND FURTHER, THIS INSTRUMENT IS NOT INTENDED TO REFLECT OR SET FORTH ALL SUCH MATTERS. SUCH INFORMATION SHOULD BE OBTAINED AND CONFIRMED BY OTHERS THROUGH APPROPRIATE TITLE VERIFICATION. LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR RIGHTS OF WAY AND/OR EASEMENTS OF RECORD.
7. THIS SURVEY DOES NOT MEET THOSE STANDARDS ESTABLISHED BY THE AMERICAN LAND TITLE ASSOCIATION.
8. DATE OF FIELD SURVEY: AUGUST 9TH, 2023, AS RECORDED IN FIELD BOOK 537, PAGES 76 THROUGH 78, FIELD BOOK 538, PAGES 43 THROUGH 51, 64 THROUGH 68 AND 73, FIELD BOOK 539, PAGES 02, 03, 07, 20, AND 21 & FIELD BOOK 540, PAGES 10 THROUGH 15, 17 THROUGH 20, 22 AND 34 THROUGH 36.
9. MEASUREMENTS SHOWN HEREON ARE EXPRESSED IN FEET AND DECIMAL PARTS THEREOF UNLESS OTHERWISE NOTED.
10. BENCHMARKS OF ORIGIN: SOUTH FLORIDA WATER MANAGEMENT DISTRICT BENCHMARKS "BM S-377 2014" AND "S-385B" WHOSE PUBLISHED ELEVATIONS ARE 14.56' AND 21.18' RESPECTFULLY, BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.
11. ELEVATIONS REFERENCED HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

VERTICAL DATUM

ELEVATIONS REFERENCED HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

NOTE: TO CONVERT FROM NAVD88 TO NGVD29 DATUM

ADD 1.48 FEET TO THE NAVD88 ELEVATION.

EXAMPLE: EL = 10.00' (NAVD 88)
EL = 11.48' (NGVD 29)

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VILLAGE OF WELLINGTON

**LOCATION MAP,
SURVEY NOTES AND
LEGEND**

JANUARY 2024

C0-2

GENERAL NOTES:

- WRITTEN DIMENSIONS WITHIN THESE CONSTRUCTION DRAWINGS HAVE PREFERENCE OVER SCALED DIMENSIONS.
- THE CONTRACTOR IS HEREBY DIRECTED TO THE PROJECT SPECIFICATIONS WHICH SUPPLEMENT THESE CONSTRUCTION DRAWINGS AND FURTHER PROVIDE DETAIL OF THE WORK AND WORKMANSHIP REQUIREMENTS FOR THE PROJECT. THE PROJECT SPECIFICATIONS FURTHER DESCRIBE THE SCOPE OF WORK, MATERIALS THAT ARE TO BE USED, INSTALLATION REQUIREMENTS AND QUALITY OF WORKMANSHIP. IT SHOULD BE NOTED THAT THE MAJORITY OF THE STRUCTURAL RELATED SPECIFICATIONS ARE CONTAINED WITHIN THESE CONSTRUCTION DRAWINGS.
- THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE AND PROJECT PHASING AND TEMPORARY FACILITY PLAN TO THE OWNER AND ENGINEER AS REQUIRED IN SPECIFICATION SECTION 01000 - GENERAL REQUIREMENTS.
- ALL WORK PERFORMED, AS WELL AS ALL CONSTRUCTION MATERIALS AND TESTING, SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS, CODES, REGULATIONS AND ORDINANCES, INCLUDING BUT NOT LIMITED TO THE RULES AND REGULATIONS SET FORTH BY THE STATE OF FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THE VILLAGE OF WELLINGTON.
- ALL REFERENCES REGARDING DESIGN CRITERIA BY OUTSIDE SOURCES OR AGENCIES SHALL BE PER LATEST PRINTED/POSTED EDITION AT TIME OF BIDDING, UNLESS OTHERWISE NOTED.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND FDOT STANDARD PLANS, LATEST EDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING COMPLETE COPIES OF THE LATEST EDITION OF FDOT INDEXES.
- THE CONTRACTOR SHALL NOTIFY THE SUNSHINE STATE ONE CALL OF FLORIDA (SSOCF) SERVICE AT 811, 48 HOURS PRIOR TO DIGGING FOR DIRECT BURY, AS REQUIRED BY FLORIDA STATUTES CHAPTER 556 THROUGHOUT THE DURATION OF THE CONSTRUCTION PROJECT.
- ALL WORK SHALL BE OPEN AND SUBJECT TO INSPECTION BY AUTHORIZED PERSONNEL OF THE OWNER, INVOLVED UTILITY COMPANIES, PROJECT ENGINEER, AND REGULATORY AGENCIES.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR SITE SAFETY. AT A MINIMUM, THE CONTRACTOR SHALL COMPLY WITH ALL OSHA, STATE AND COUNTY SAFETY AND OCCUPATIONAL HEALTH STANDARDS, APPLICABLE ENVIRONMENTAL LAWS AND ANY OTHER APPLICABLE RULES, REGULATIONS AND PERMITS. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR TRAINING, SAFETY AND PROVIDING NECESSARY EQUIPMENT THROUGH THE TERM OF THE CONTRACT.
- THE CONTRACTOR SHALL USE CAUTION AND TAKE THE NECESSARY SAFETY PRECAUTIONS WHILE WORKING ADJACENT TO OVERHEAD AND UNDERGROUND ELECTRIC AND GAS FACILITIES.
- ALL MATERIALS SUPPLIED SHALL CONFORM TO PRODUCT LIST AND SHOP DRAWINGS AS APPROVED BY THE OWNER AND ENGINEER PRIOR TO CONSTRUCTION. ALL REQUESTS FOR MATERIAL SUBSTITUTION SHALL BE APPROVED PRIOR TO ORDERING AND DELIVERY OF THESE MATERIALS TO THE JOB SITE.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL DESIGNATE A DEDICATED POINT OF CONTACT FOR THE DURATION OF CONSTRUCTION FOR THE OWNER AND ENGINEER TO ADDRESS QUESTIONS, COMMENTS AND CONCERNS WITH.
- THE CONTRACTOR SHALL COMPLY WITH THE VILLAGE OF WELLINGTON CODE OF ORDINANCES AND SHALL LIMIT THE HOURS OF CONSTRUCTION BETWEEN THE HOURS OF 7:00 A.M. AND 6:00 P.M. ON WEEKDAYS, AND BETWEEN 8:00 A.M. AND 4:00 P.M. ON SATURDAYS.

- THE CONTRACTOR SHALL ACCESS THE SITE FROM FLYING COW ROAD. THE CONTRACTOR MAY INSTALL UP TO THREE (3) TEMPORARY SITE ACCESS POINT DRIVEWAYS (WITH CULVERTS) AS APPROVED BY THE OWNER. THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING DETAILING PROPOSED TEMPORARY FACILITIES AND LOCATIONS.
- THE CONTRACTOR SHALL SUBMIT MAINTENANCE OF TRAFFIC PLAN(S) AS REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH ALL MUNICIPAL, COUNTY, STATE AND FEDERAL LAWS AND REGULATIONS, AS APPLICABLE, AND SHALL SCHEDULE THE WORK TO CAUSE MINIMUM DISTURBANCE OF NORMAL PEDESTRIAN AND VEHICULAR TRAFFIC. MAINTENANCE OF TRAFFIC (MOT) SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATION SECTION 01000 - GENERAL REQUIREMENTS. THE CONTRACTOR SHALL SUBMIT, FOR OWNER APPROVAL, A DETAILED MOT PLAN PRIOR TO THE CONSTRUCTION OF EACH PHASE OF THE PROJECT.
- THE CONTRACTOR MUST TAKE REASONABLE PRECAUTIONS TO CONTROL DUST AT ALL TIMES, WHETHER OR NOT THE SITE IS ACTIVE, AT NIGHTTIME, ON WEEKENDS, OR ON HOLIDAYS. THE CONTRACTOR MUST ALSO NOT ALLOW AIRBORNE DUST / DEBRIS TO CROSS INTO ADJACENT PROPERTIES, INCLUDING THE WELLINGTON ENVIRONMENTAL PRESERVE. THE CONTRACTOR SHALL WATER AS NECESSARY AT SUFFICIENT FREQUENCY, QUANTITY, AND DEPTH, INCLUDING PRE-SOAKING TO CONTROL DUST AND PREVENT OBJECTIONABLE BLOWING OR DRIFTING OF DUST, SAND, AND OTHER DEBRIS AND/OR IF DIRECTED BY THE OWNER. IF EXCESSIVE DUST OR AIRBORNE DEBRIS IMPACTS THE CLEANLINESS OF THE ADJACENT EQUESTRIAN AND PEDESTRIAN TRAILS, ADJACENT ROADWAYS, OR OTHER FACILITIES, THE CONTRACTOR SHALL PROMPTLY CORRECT THE ISSUE(S) TO THE SATISFACTION OF THE OWNER.
- THE CONTRACTOR SHALL IMPLEMENT TEMPORARY CONTROLS AND FACILITIES FOR ALL CONSTRUCTION ACTIVITIES AND SHALL COMPLY WITH ALL PERMITTING REQUIREMENTS OF FEDERAL, STATE AND LOCAL AGENCIES. THE INTENT OF ANY EROSION CONTROL MEASURES INDICATED GRAPHICALLY ON THE CONSTRUCTION DRAWINGS IS TO PROVIDE A BARRIER TO CONTAIN SILT AND SEDIMENT ON THE PROJECT SITE AND IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR'S EROSION AND SEDIMENT CONTROL MEASURES SHALL COMPLY WITH SPECIFICATION SECTION 01620 - PERMIT COMPLIANCE AND NOTIFICATIONS. REQUIRED MEASURES SHALL BE INSTALLED PRIOR TO ANY CLEARING GRADING, EXCAVATION, FILLING, OR OTHER LAND DISTURBANCE ACTIVITIES, EXCEPT THOSE OPERATIONS NEEDED TO INSTALL SUCH MEASURES. THE CONTRACTOR SHALL PERFORM AN INSPECTION OF ALL EROSION CONTROL MEASURES D WEEKLY, AND AFTER EACH RAINFALL EVENT. THE CONTRACTOR SHALL PROMPTLY REPAIR, AND/OR REPLACE SUCH MEASURES, AS NEEDED. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED, IF DEEMED NECESSARY BY THE OWNER, AT NOT ADDITIONAL COST TO THE OWNER.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL COMPLY WITH SPECIFICATION SECTION 01620 - PERMIT COMPLIANCE AND NOTIFICATIONS.
- THE CONTRACTOR SHALL SUBMIT AND OBTAIN A SFWMD DEWATERING PERMIT IN ACCORDANCE WITH SPECIFICATION SECTION 01620 - PERMIT COMPLIANCE AND NOTIFICATIONS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES TO ENSURE THAT DEWATERING ACTIVITIES RESULT IN MINIMAL NOISE THAT WILL NOT DISRUPT THE SURROUNDING RESIDENTS.
- THE CONTRACTOR IS HEREBY NOTIFIED THAT THE SECTION 24 IMPOUNDMENT IS A STORMWATER STORAGE AREA THAT IS RAIN-FALL DEPENDENT. WHILE THE OWNER TYPICALLY MAINTAINS THE SECTION 24 IMPOUNDMENT WATER LEVELS AT 10.5' NAVD, STORMWATER MAY BE PERIODICALLY STORED UP TO 13.5' NAVD FOR DURATIONS UP TO A WEEK OR MORE. WHILE IT IS INFREQUENT, WATER LEVELS WITHIN THE SECTION 24 IMPOUNDMENT MAY REACH LOWS OF 10.0' NAVD FOR SHORT PERIODS OF TIME.

- ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES. THE CONTRACTOR SHALL SMOOTHLY PLACE 6 INCH MINIMUM TO 12 INCH MAXIMUM OF MUCK AS FINAL DRESSING AS SHOWN ON THE DRAWINGS. SURFACE WITH MUCK FINAL DRESSING AND FINAL SURFACE APPLICATION (SOD, SEED AND MULCH, MULCH, ETC.) SHALL MATCH FINAL GRADE. THE CONTRACTOR SHALL SLOPE FINISHED GRADES UNIFORMLY BETWEEN OTHER FINISHED AND EXISTING GRADES. THE CONTRACTOR SHALL BE REQUIRED TO ADJUST ANY UTILITY GRATES, MANHOLE RIMS, VALVE BOX COVERS, ETC. TO FINISHED GRADES AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVAL, DISPOSAL, ABANDONMENT, CLEARING, GRUBBING AND RELOCATIONS NECESSARY TO COMPLETE THE WORK WHETHER SHOWN OR NOT. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL RELOCATIONS AND/OR TEMPORARY FACILITIES WITH THE NECESSARY UTILITY COMPANIES.
- THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY ACTIVITIES INVOLVING CONSTRUCTION, STAGING AREAS, AND ACCESS ROADS IN KIND. ALL DISTURBED AREAS NOT PAVED, WITHIN THE LIMITS OF CONSTRUCTION, SHALL BE SODDED WITH INKIND MATERIAL.
- THE CONTRACTOR IS RESPONSIBLE FOR SITE SECURITY. THE CONTRACTOR SHALL UTILIZE INDUSTRY STANDARDS TO SECURE ITS CONSTRUCTION SITE FOR THE PROJECT AND SHALL DO SO IN A MANNER TO PROHIBIT MEMBERS OF THE GENERAL PUBLIC FROM ACCESSING THE PROJECT AREA. SEE SPECIFICATION SECTION 01000 - GENERAL REQUIREMENTS. AT A MINIMUM, THE CONTRACTOR SHALL PROVIDE A TEMPORARY 8-FOOT-HIGH CHAIN LINK FENCE AROUND PROJECT WORK SITE FOR THE DURATION OF CONSTRUCTION. SUBMIT INSTALLATION PLAN TO THE OWNER WITH SITE ACCESS SHOWN PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL UNSATISFACTORY/UNSUITABLE MATERIALS. ALL SATISFACTORY/SUITABLE MATERIAL NOT REQUIRED TO COMPLETE THE WORK SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. THE CONTRACTOR WILL NOT BE ALLOWED TO OVER EXCAVATE THE SITE BEYOND WHAT IS REASONABLE AND NECESSARY TO COMPLETE THE WORK.

ENGINEERING LEGEND

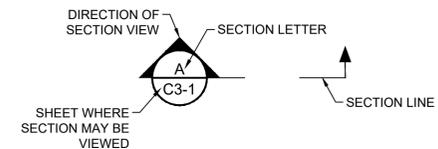
BTM	BOTTOM	FCR	FLYING COW ROAD		STANDARD PENETRATION TEST BORING
	CENTERLINE	HWL	HIGH WATER LEVEL		AUGER BORING
	CONTOUR EL	HYDRIC ISLAND			DOUBLE-RING INFILTROMETER TEST
	CONTROL LINE	INV	INVERT		
	CONTROL POINT	LITTORAL AREA			
CWL	CONTROL WATER LEVEL	TOB	TOP OF BANK		
CAP	CORRUGATED ALUMINUM PIPE	TOS	TOE OF SLOPE		
	DEEP AREA	UPLAND AREA			
	DEMOLITION	PROP PAVED PEDESTRIAN TRAIL			
EWOW	EDGE OF WATER	PROP SHELLROCK EQUESTRIAN TRAIL			
EL	ELEVATION	PROP	PROPOSED		
EX	EXISTING		MUCK PROBE		

VERTICAL DATUM
ELEVATIONS REFERENCED HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

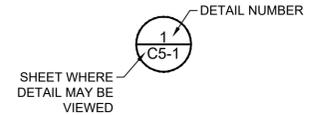
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EXAMPLE: EL = 10.00' (NAVD 88)
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CIVIL SECTION VIEW CALL OUT SYMBOL



CIVIL DETAIL CALL OUT SYMBOL



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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**

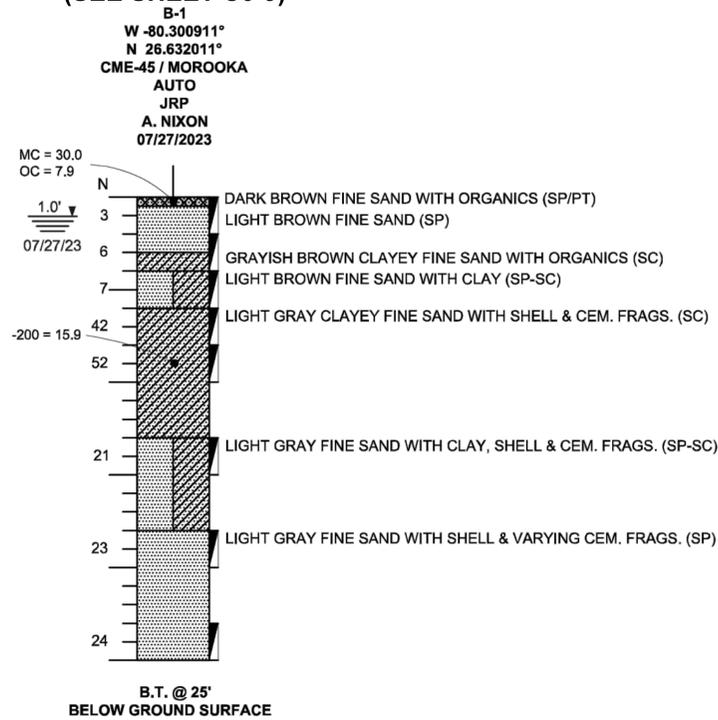
VILLAGE OF WELLINGTON

GENERAL NOTES

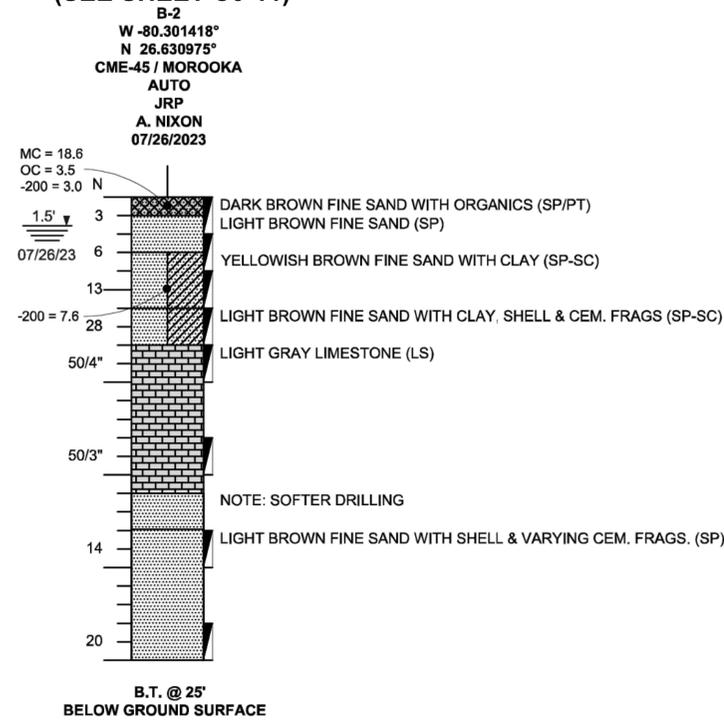
JANUARY 2024
C0-3

BORING NO.
LONGITUDE:
LATITUDE:
RIG:
HAMMER:
DRILLER:
LOGGER:
DATE:

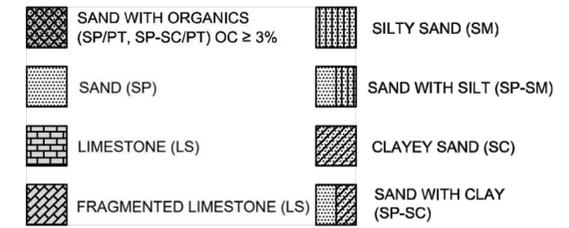
(SEE SHEET C0-9)



(SEE SHEET C0-11)



LEGEND



UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487)

- B.T @ 25' BORING TERMINATED AT 25 FEET BELOW MUDLINE
- B-1 STANDARD PENETRATION TEST (SPT) BORING ID
- N STANDARD PENETRATION RESISTANCE-BLOWS PER FOOT USING AUTOMATIC HAMMER
- SPT SAMPLING INTERVAL
- 1.0' 07/27/23 GROUNDWATER DEPTH IN FEET AND DRILLING DATE
- MC NATURAL MOISTURE CONTENT (%)
- OC ORGANIC CONTENT (%)
- 200 AMOUNT PASSING US STANDARD 200 SIEVE (%)

NOTES:

1. SPT BORINGS WERE PERFORMED USING A CME-45 TRACK MOUNTED (MOROOKA) DRILL RIG WITH AUTOMATIC HAMMER (ASTM D1586)
2. STRATA BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH TEST HOLE LOCATION ONLY.
3. GROUNDWATER LEVELS SHOWN ON THE SUBSURFACE PROFILES REPRESENT GROUNDWATER LEVEL ON THE DRILLING DATE. GROUNDWATER LEVEL FLUCTUATIONS SHOULD BE ANTICIPATED THROUGHOUT THE YEAR.
4. AFTER COMPLETION OF DRILLING, BOREHOLES WERE BACKFILLED WITH GROUT.

STANDARD PENETRATION TEST DATA *

SPOON INSIDE DIA.	1.375 INCH
SPOON OUTSIDE DIA.	2 INCHES
AVG. HAMMER DROP	30 INCHES
HAMMER WEIGHT	140 POUNDS

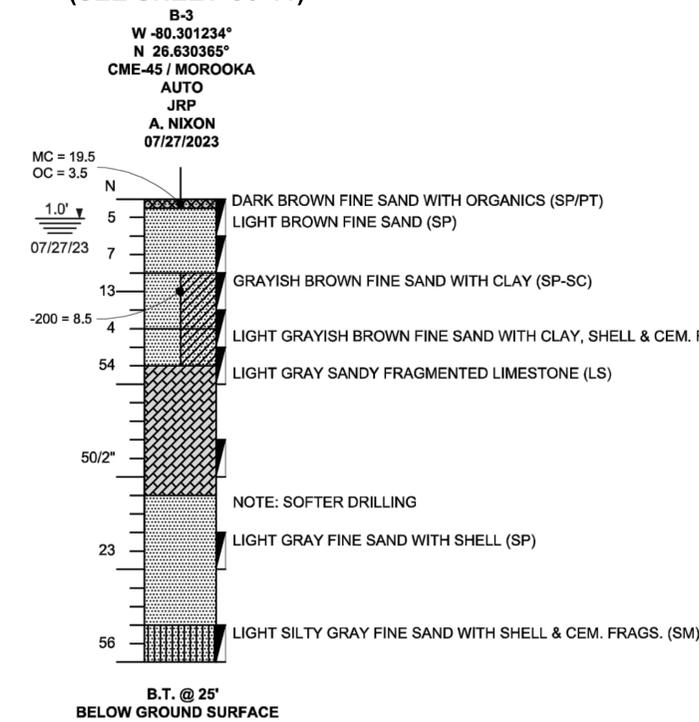
GRANULAR MATERIALS	AUTOMATIC HAMMER SPT N - VALUE
RELATIVE DENSITY	BLOWS/FOOT
VERY LOOSE	LESS THAN 3
LOOSE	3 - 8
MEDIUM	8 - 24
DENSE	24 - 40
VERY DENSE	GREATER THAN 40

SILTS AND CLAYS	AUTOMATIC HAMMER SPT N - VALUE
CONSISTENCY	BLOWS/FOOT
VERY SOFT	LESS THAN 1
SOFT	1 - 3
FIRM	3 - 6
STIFF	6 - 12
VERY STIFF	12 - 24
HARD	GREATER THAN 24

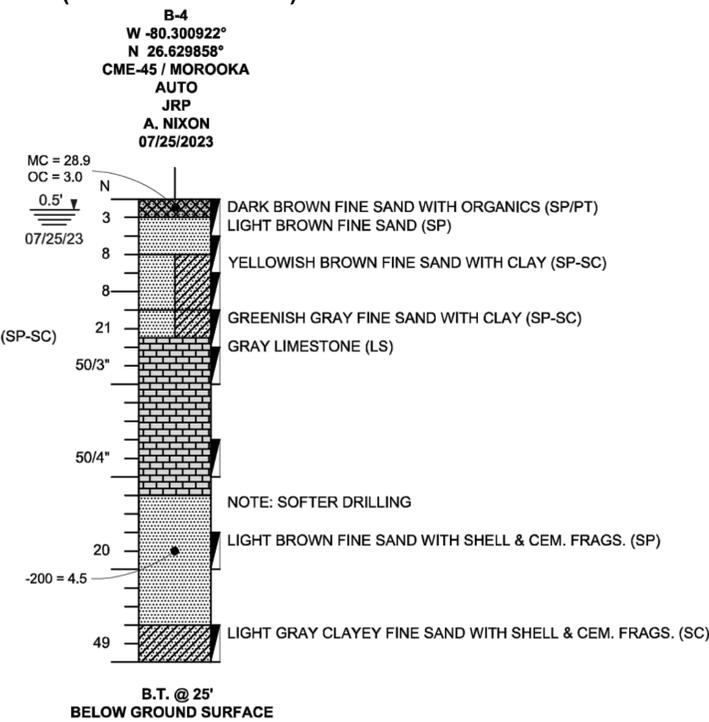
*FOOT SOILS AND FOUNDATIONS HANDBOOK 2023

BORING NO.
LONGITUDE:
LATITUDE:
RIG:
HAMMER:
DRILLER:
LOGGER:
DATE:

(SEE SHEET C0-11)



(SEE SHEET C0-11)



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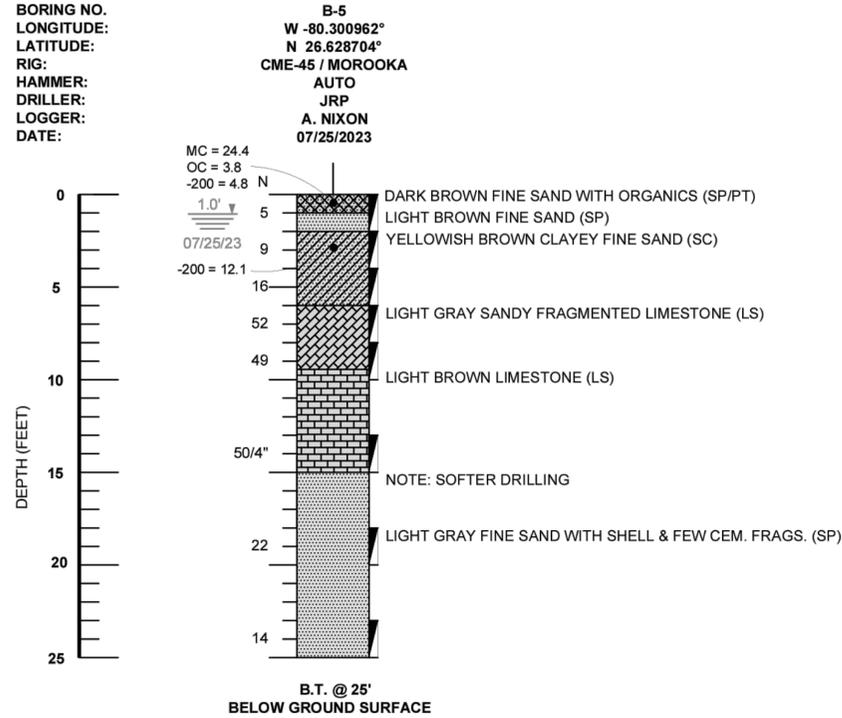
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VILLAGE OF WELLINGTON

BORING LOGS

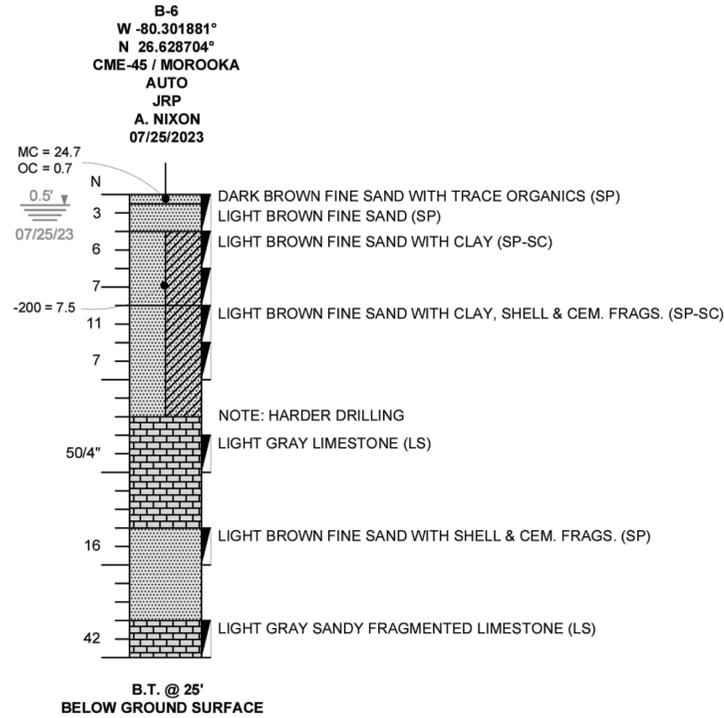
JANUARY 2024
C0-4

BORING NO.
LONGITUDE:
LATITUDE:
RIG:
HAMMER:
DRILLER:
LOGGER:
DATE:

(SEE SHEET C0-13)



(SEE SHEET C0-13)



LEGEND

	SAND WITH ORGANICS (SP/PT, SP-SC/PT) OC ≥ 3%		SILTY SAND (SM)
	SAND (SP)		SAND WITH SILT (SP-SM)
	LIMESTONE (LS)		CLAYEY SAND (SC)
	FRAGMENTED LIMESTONE (LS)		SAND WITH CLAY (SP-SC)

UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487)

- B.T @ 25' BORING TERMINATED AT 25 FEET BELOW MUDLINE
- B-1 STANDARD PENETRATION TEST (SPT) BORING ID
- N STANDARD PENETRATION RESISTANCE-BLOWS PER FOOT USING AUTOMATIC HAMMER
- SPT SAMPLING INTERVAL
- 1.0' GROUNDWATER DEPTH IN FEET AND DRILLING DATE 07/27/23
- MC NATURAL MOISTURE CONTENT (%)
- OC ORGANIC CONTENT (%)
- 200 AMOUNT PASSING US STANDARD 200 SIEVE (%)

NOTES:

- SPT BORINGS WERE PERFORMED USING A CME-45 TRACK MOUNTED (MOROOKA) DRILL RIG WITH AUTOMATIC HAMMER (ASTM D1586)
- STRATA BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH TEST HOLE LOCATION ONLY.
- GROUNDWATER LEVELS SHOWN ON THE SUBSURFACE PROFILES REPRESENT GROUNDWATER LEVEL ON THE DRILLING DATE. GROUNDWATER LEVEL FLUCTUATIONS SHOULD BE ANTICIPATED THROUGHOUT THE YEAR.
- AFTER COMPLETION OF DRILLING, BOREHOLES WERE BACKFILLED WITH GROUT.

STANDARD PENETRATION TEST DATA *

SPOON INSIDE DIA.	1.375 INCH
SPOON OUTSIDE DIA.	2 INCHES
AVG. HAMMER DROP	30 INCHES
HAMMER WEIGHT	140 POUNDS

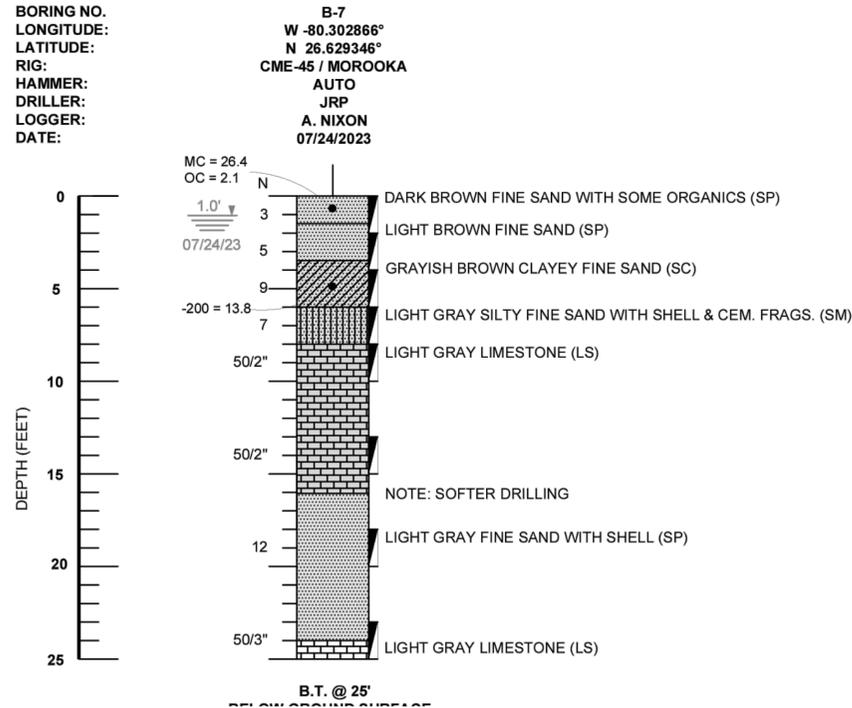
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RELATIVE DENSITY	BLOWS/FOOT
VERY LOOSE	LESS THAN 3
LOOSE	3 - 8
MEDIUM	8 - 24
DENSE	24 - 40
VERY DENSE	GREATER THAN 40

SILTS AND CLAYS	AUTOMATIC HAMMER SPT N - VALUE
CONSISTENCY	BLOWS/FOOT
VERY SOFT	LESS THAN 1
SOFT	1 - 3
FIRM	3 - 6
STIFF	6 - 12
VERY STIFF	12 - 24
HARD	GREATER THAN 24

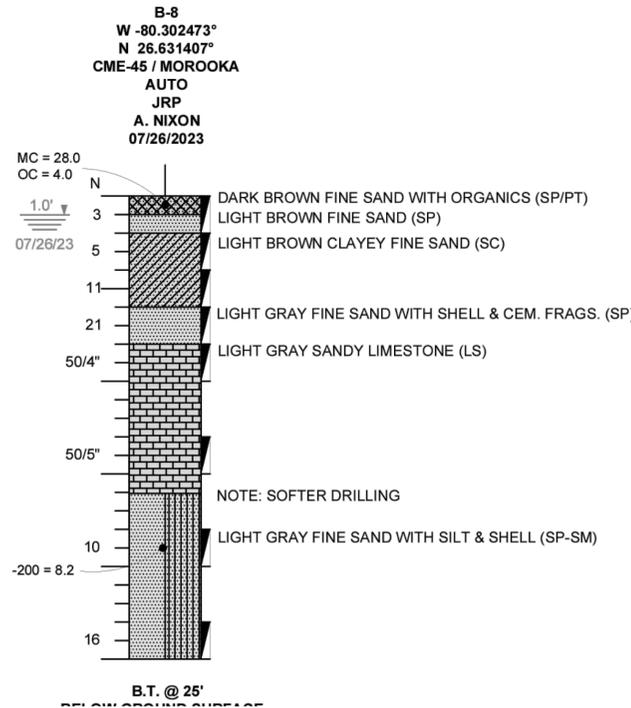
*FDOT SOILS AND FOUNDATIONS HANDBOOK 2023

BORING NO.
LONGITUDE:
LATITUDE:
RIG:
HAMMER:
DRILLER:
LOGGER:
DATE:

(SEE SHEET C0-13)



(SEE SHEET C0-11)



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PLOT DATE: Jan 16, 2024 - 4:33pm

Vertical Datum: NAVD88			
P.A. No. WE014.40			
Dwg. No. 44-40-24-11			
Location: PALM BEACH COUNTY, FL			
No.	Date	By	Revision

**BID SET
JANUARY 2024**

SEAL
TYLER THOMPSON
Florida P.E. No. 86558
Date

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CONSULTING ENGINEERS
5720 Corporate Way, West Palm Beach, Florida 33407
(561) 683-3113, www.MockRoos.com
Florida Reg. No. 48 Florida L.B. No. 48

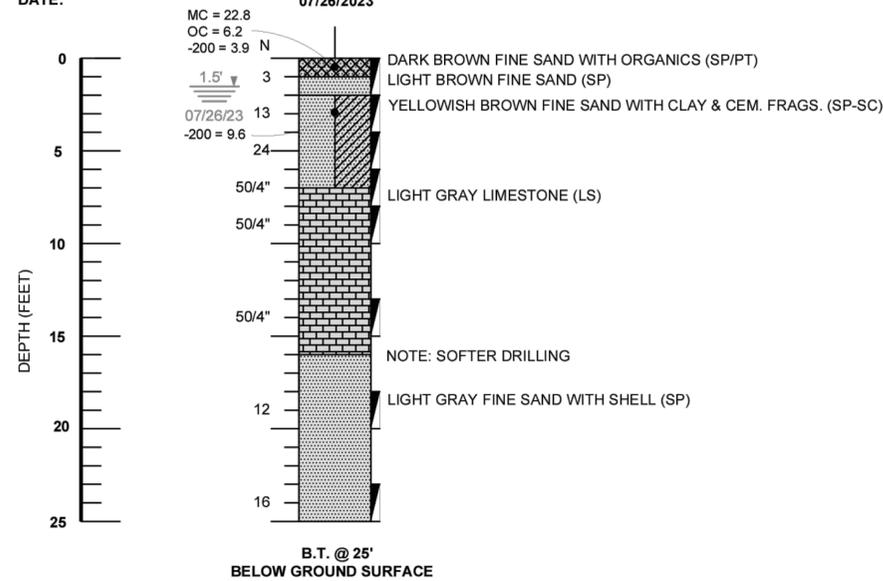
**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**
VILLAGE OF WELLINGTON

BORING LOGS

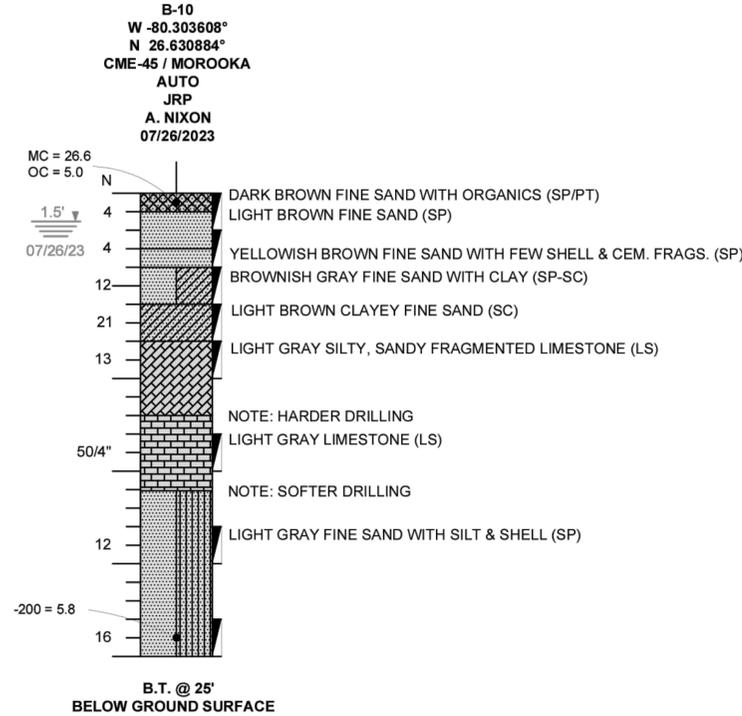
JANUARY 2024
C0-5

BORING NO.
LONGITUDE:
LATITUDE:
RIG:
HAMMER:
DRILLER:
LOGGER:
DATE:

(SEE SHEET C0-8)



(SEE SHEET C0-10)



LEGEND

	SAND WITH ORGANICS (SP/PT, SP-SC/PT) OC ≥ 3%		SILTY SAND (SM)
	SAND (SP)		SAND WITH SILT (SP-SM)
	LIMESTONE (LS)		CLAYEY SAND (SC)
	FRAGMENTED LIMESTONE (LS)		SAND WITH CLAY (SP-SC)

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- MC NATURAL MOISTURE CONTENT (%)
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HAMMER WEIGHT	140 POUNDS

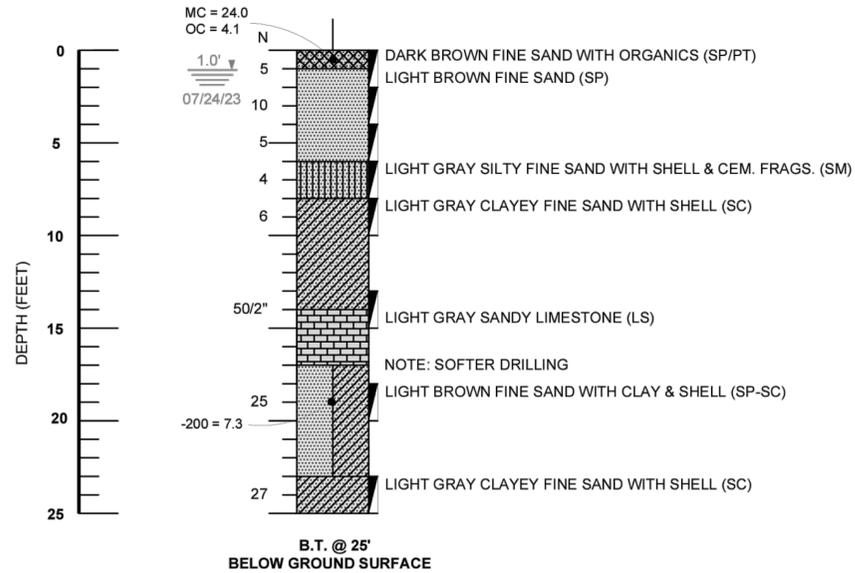
GRANULAR MATERIALS	AUTOMATIC HAMMER SPT N - VALUE
RELATIVE DENSITY	BLOWS/FOOT
VERY LOOSE	LESS THAN 3
LOOSE	3 - 8
MEDIUM	8 - 24
DENSE	24 - 40
VERY DENSE	GREATER THAN 40

SILTS AND CLAYS	AUTOMATIC HAMMER SPT N - VALUE
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VERY STIFF	12 - 24
HARD	GREATER THAN 24

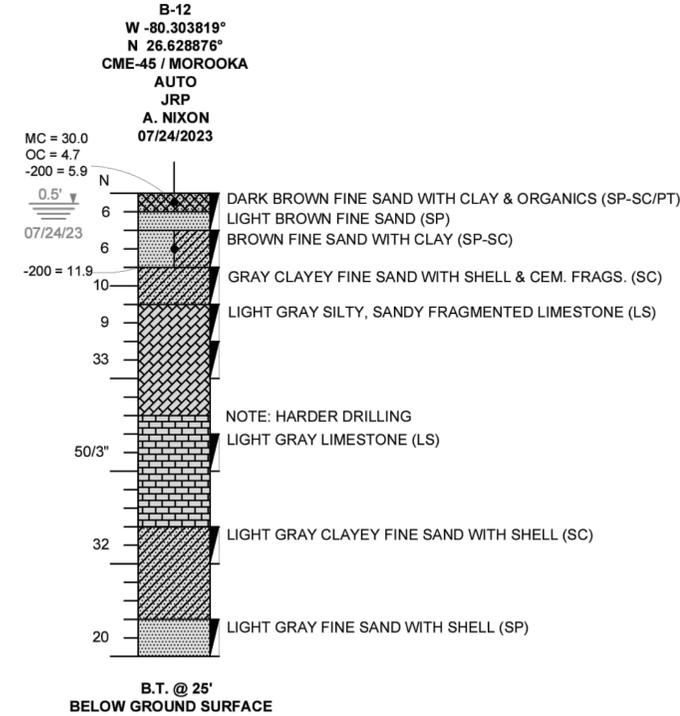
*FDOT SOILS AND FOUNDATIONS HANDBOOK 2023

BORING NO.
LONGITUDE:
LATITUDE:
RIG:
HAMMER:
DRILLER:
LOGGER:
DATE:

(SEE SHEET C0-10)



(SEE SHEET C0-12)



CADD File: F:\well\mon2\CAD\DWG\MONZCS02_C0-4.dwg
PLOT DATE: Jan 16, 2024 - 4:33pm

Vertical Datum: NAVD88 P.A. No. WE014.40 Dwg. No. 44-40-24-11 Location: PALM BEACH COUNTY, FL			
No.	Date	By	Revision

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JANUARY 2024**

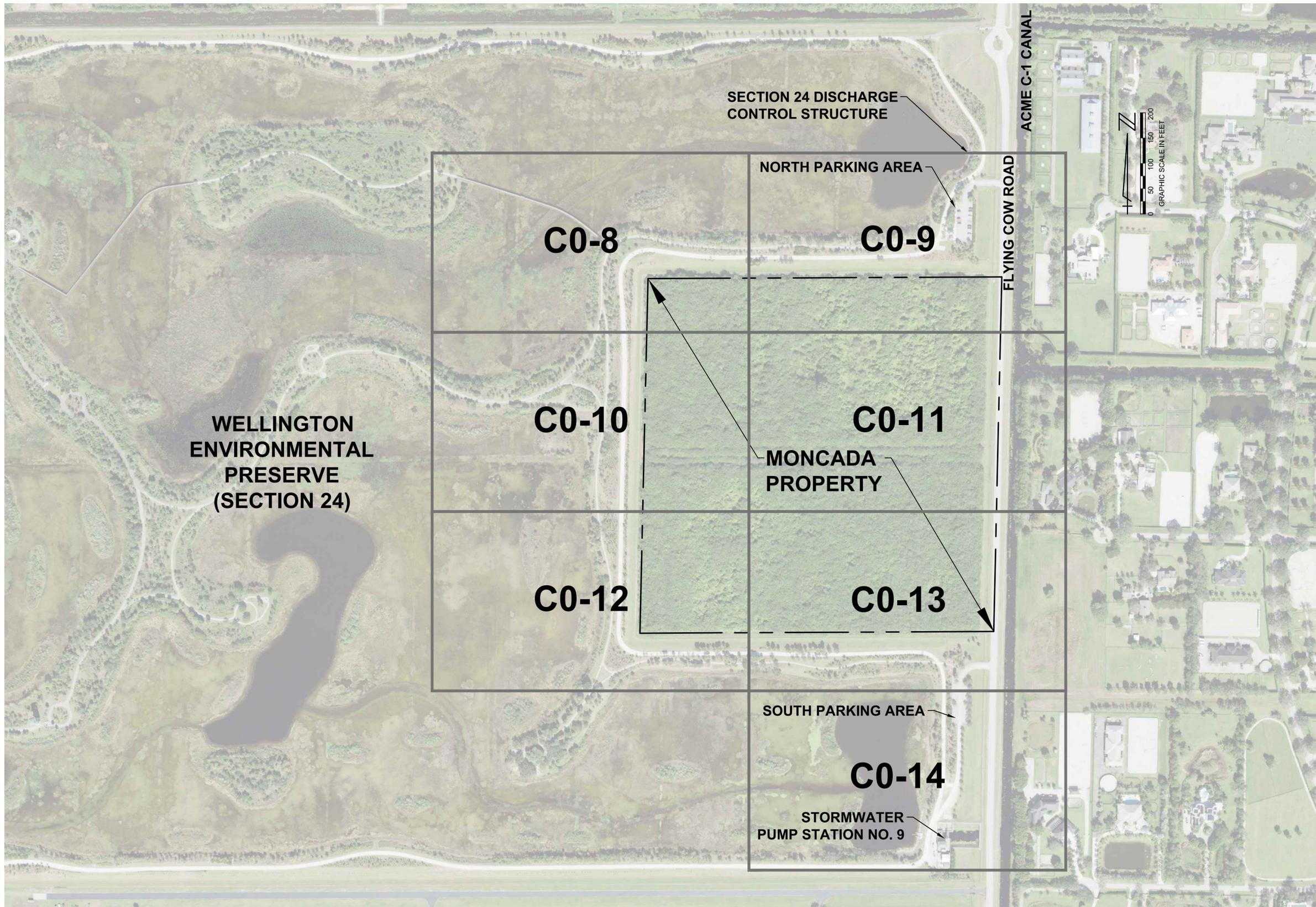
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TYLER THOMPSON
Florida P.E. No. 86558
Date

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Florida Reg. No. 48 Florida L.B. No. 48

**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**
VILLAGE OF WELLINGTON

BORING LOGS

JANUARY 2024
C0-6



CADD File: F:\well\mon2\CADD\DWG\WON\ZCS02_C0-7.dwg
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Vertical Datum:
 NAVD88
 P.A. No.
 WE014.40
 Dwg. No.
 44-40-24-11
 Location:
 PALM BEACH COUNTY, FL

No.	Date	By	Revision

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 Florida P.E. No. 86558

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**MONCADA PROPERTY
 SECTION 24
 IMPOUNDMENT EXPANSION**

VILLAGE OF WELLINGTON

**EXISTING SITE AND
 DEMOLITION KEY
 SHEET**

JANUARY 2024

C0-7



EXISTING SITE AND DEMOLITION PLAN NOTES

GENERAL NOTES:

1. THE DATE OF THE AERIAL PHOTOGRAPHY IS JANUARY 2023
2. THE CONTRACTOR IS HEREBY NOTIFIED THAT FOLLOWING THE DATE OF THE AERIAL PHOTOGRAPHY SHOWN ON THE DRAWINGS, THE OWNER HAD A CONTRACTOR CLEAR THE MONCADA SITE OF VEGETATION, WITH THE EXCEPTION OF THE JURISDICTIONAL WETLANDS WITHIN THE EAST-WEST DITCH/CANAL. THE MONCADA PROPERTY WAS NOT DEMUCKED AS PART OF THE CLEARING ACTIVITY. SEE APPENDIX OF THE PROJECT SPECIFICATIONS FOR THE "MONCADA SITE CLEARING" DRAWINGS PREPARED BY MOCK-ROOS, DATED FEBRUARY 2023.
3. ALL ENGINEERING FIELD EXPLORATIONS WERE PERFORMED FOLLOWING THE CLEARING OF THE MONCADA SITE. THE TOPOGRAPHIC SURVEY WAS PERFORMED BY DENNIS J. LEAVY ON AUGUST 9, 2023 (SEE APPENDIX). THE GEOTECHNICAL FIELD WORK WAS CONDUCTED BETWEEN JULY 24 AND JULY 27, 2023 (SEE APPENDIX).

EXISTING TREE REMOVAL

1. NO EXISTING PLANT LIFE SHALL BE REMOVED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER. THE CONTRACTOR SHALL PROTECT TREES, PLANT GROWTH, AND FEATURES AS IF THEY ARE TO REMAIN AS FINAL LANDSCAPING. DO NOT DISTURB ROOTS UNNECESSARILY.
2. A TREE INVENTORY WAS CONDUCTED BY A CERTIFIED ARBORIST EMPLOYED BY EW CONSULTANTS, INC. IN OCTOBER 2023 FOR THE PURPOSES OF PROVIDING TAG NUMBERS, SPECIES, AND SIZE INFORMATION. A TREE SURVEY WAS NOT PERFORMED. THEREFORE, THE LOCATION INFORMATION DEPICTED IS APPROXIMATE ONLY.
3. BASED ON THE TREE INVENTORY, AND THE PROPOSED WORK, AREAS WHERE IT IS ANTICIPATED THAT REMOVAL OF EXISTING TREES IS NECESSARY (E.G. AREAS IN VICINITY OF INSTALLATION OF 48" PIPES, ETC.) ARE DEPICTED ON THE "EXISTING SITE AND DEMOLITION PLAN" SHEETS C0-8 THROUGH C0-14.
4. PRIOR TO THE CONTRACTOR PERFORMING WORK IN THE VICINITY OF EXISTING PLANT LIFE, THE CONTRACTOR SHALL TAG OR IDENTIFY PLANT LIFE THAT THE CONTRACTOR BELIEVES IS REQUIRED TO BE REMOVED TO PERFORM THE WORK. FOLLOWING APPROVAL FROM THE OWNER, THE CONTRACTOR MAY PROCEED WITH PLANT LIFE REMOVAL AND DISPOSAL.
5. FOR EXISTING PLANT LIFE THAT MAY BE IMPACTED BY FILLING AND GRADING ACTIVITIES TO HARMONIZE (10:1 MAXIMUM SLOPE) THE PROPOSED STORAGE AREA'S TOP OF BANK (ELEVATION 16.0' NAVD) WITH THE EXISTING GRADES WITHIN SECTION 24, THE CONTRACTOR SHALL FIELD STAKE ANTICIPATED TIE-IN LOCATIONS. AN APPROXIMATE EXISTING TIE-IN GRADE IS SHOWN ON "EARTHWORK PLAN" SHEETS C1-2 THROUGH C1-8. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO ADJUST TIE-IN LOCATIONS TO MINIMIZE THE AMOUNT OF THE EXISTING PLANT LIFE REMOVAL REQUIRED. FOLLOWING APPROVAL FROM THE OWNER, THE CONTRACTOR MAY PROCEED WITH PLANT LIFE REMOVAL AND DISPOSAL.

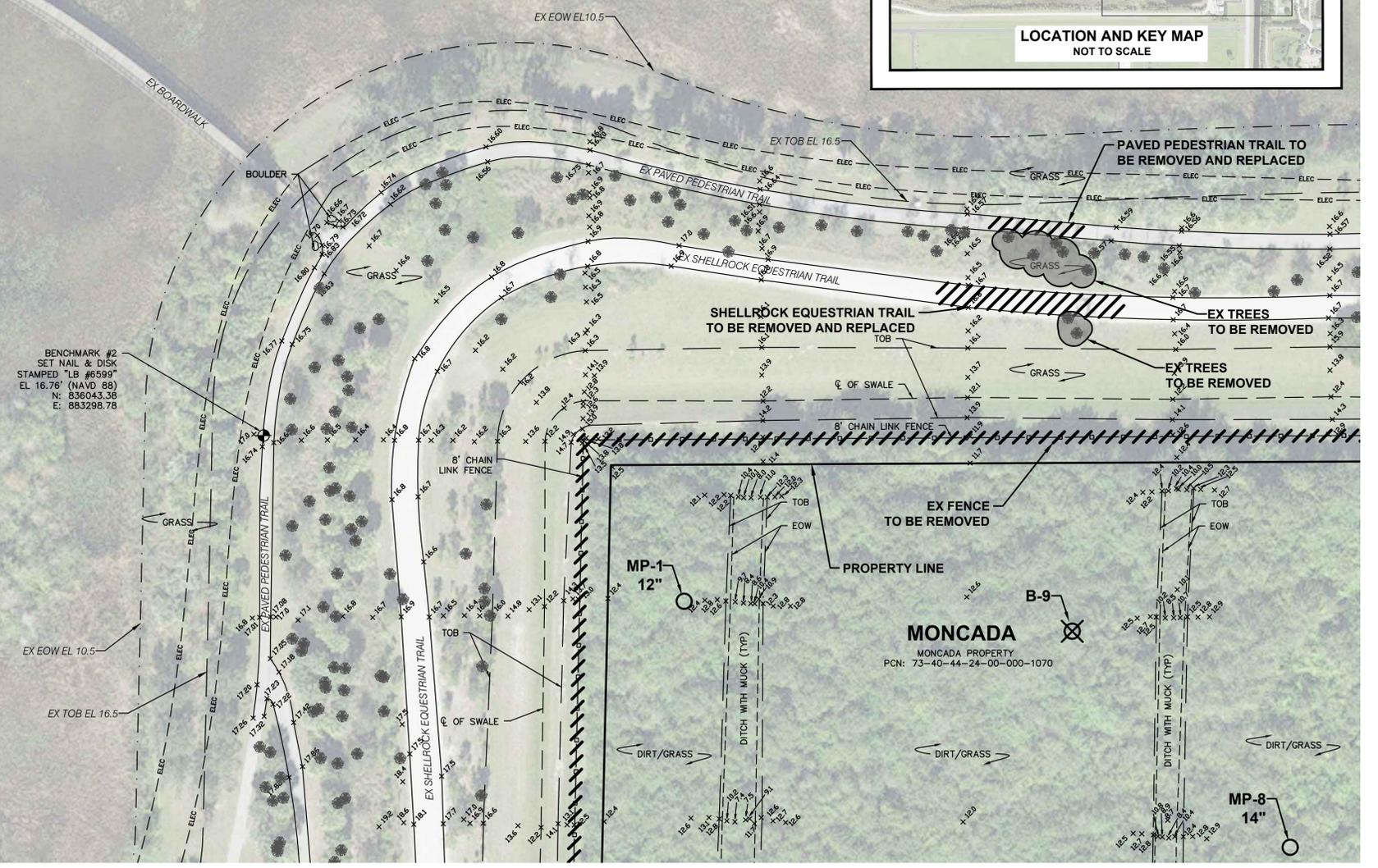
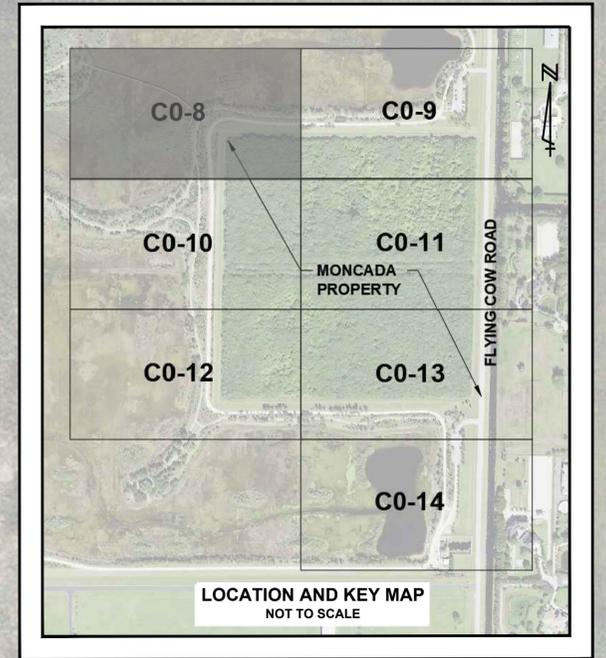
CLEARING AND GRUBBING GENERAL LIMITS

1. ALL LANDS WITHIN THE BOUNDARY OF THE MONCADA PROPERTY, INCLUDING THE EAST-WEST DITCH/CANAL, SHALL BE CLEARED, LAND PREPARED, AND DEMUCKED, WITH THE EXCEPTION OF FLYING COW ROAD AND SWALES.
2. ALL LANDS WITHIN SECTION 24 AND WITHIN THE PROJECT LIMITS SHALL BE SELECTIVELY CLEARED AND LAND PREPARED AS NECESSARY.
3. ALL OWNER APPROVED PLANT LIFE REMOVAL SHALL BE INCLUDED IN THE CONTRACTOR'S CLEARING AND GRUBBING PAY ITEM.

PEDESTRIAN AND EQUESTRIAN TRAILS

1. DEMOLITION AND REPLACEMENT OF EXISTING PEDESTRIAN AND EQUESTRIAN TRAILS SHALL BE PHASED WITH CONSTRUCTION ACTIVITIES TO MINIMIZE DURATION OF TRAIL CLOSURES.

SECTION 24
WELLINGTON ENVIRONMENTAL PRESERVE
PCN: 73-40-44-24-00-000-1040



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PLOT DATE: Jan 16, 2024 - 4:33pm

Vertical Datum: NAVD88			
P.A. No. WE014.40			
Dwg. No. 44-40-24-11			
Location: PALM BEACH COUNTY, FL			
No.	Date	By	Revision

**BID SET
JANUARY 2024**

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Date

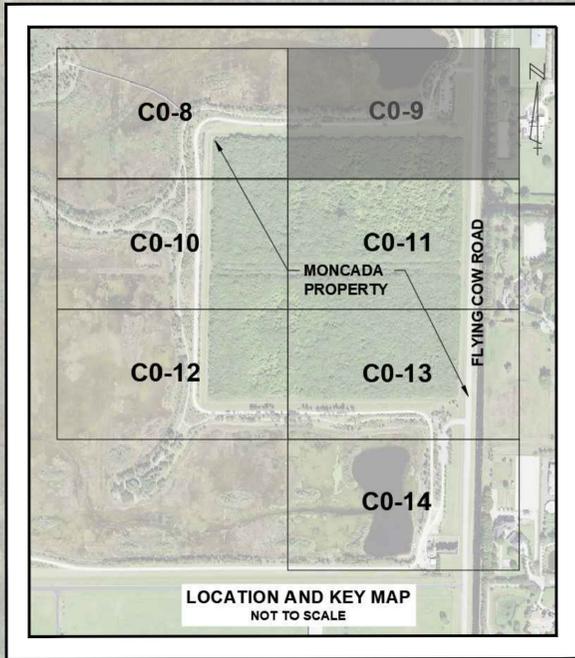
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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**

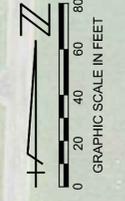
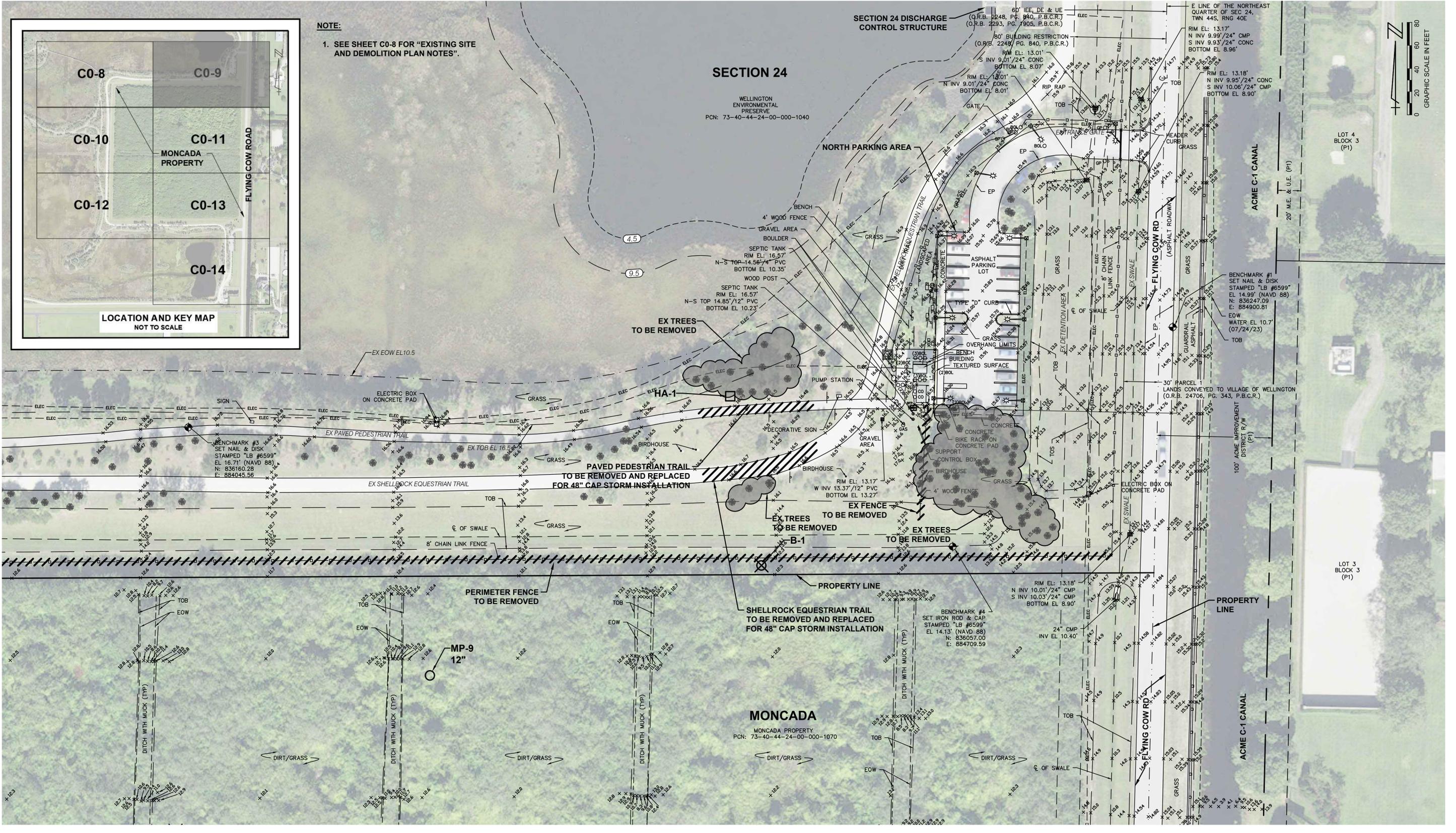
VILLAGE OF WELLINGTON

**EXISTING SITE AND
DEMOLITION PLAN**

JANUARY 2024
C0-8



NOTE:
1. SEE SHEET C0-8 FOR "EXISTING SITE AND DEMOLITION PLAN NOTES".



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Vertical Datum:
NAVD88
P.A. No.
WE014.40
Dwg. No.
44-40-24-11
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No.	Date	By	Revision

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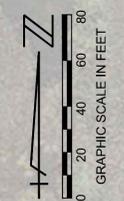
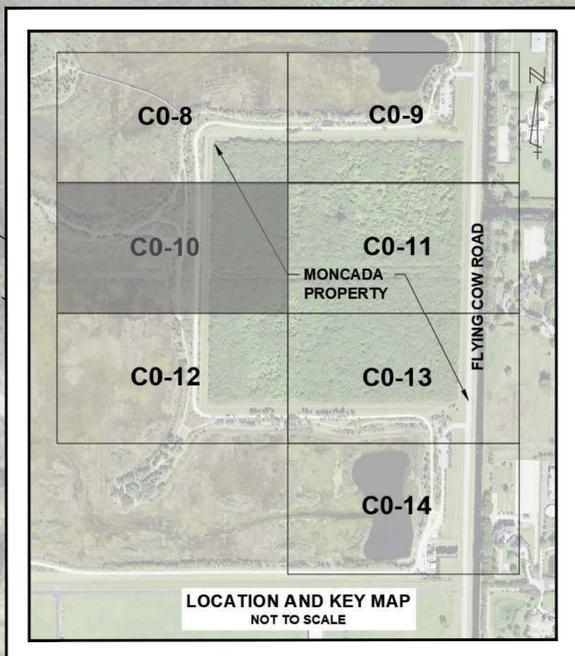
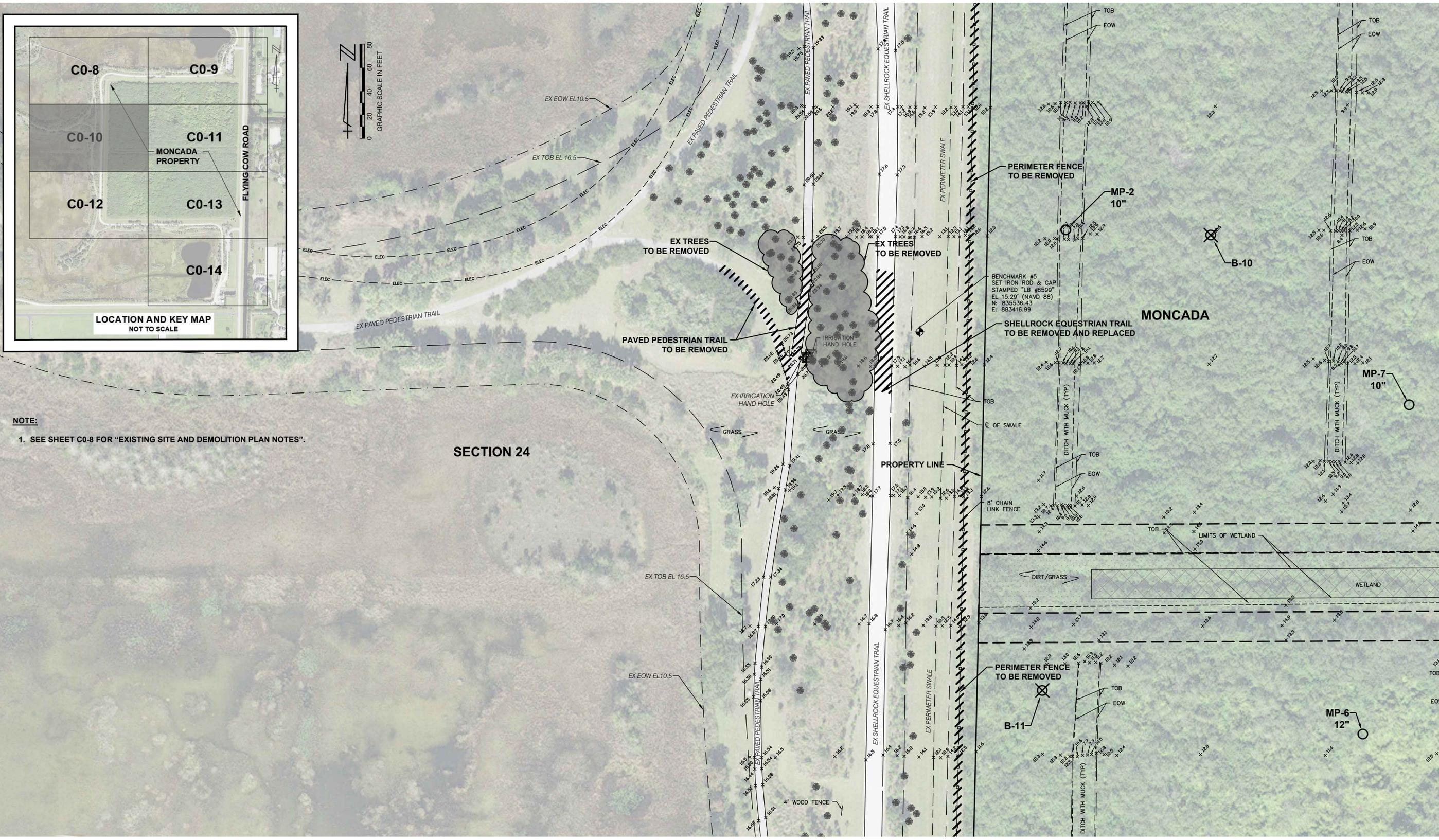
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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**

VILLAGE OF WELLINGTON

**EXISTING SITE AND
DEMOLITION PLAN**

JANUARY 2024
C0-9



NOTE:
1. SEE SHEET C0-8 FOR "EXISTING SITE AND DEMOLITION PLAN NOTES".

SECTION 24

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 Adjust all scaled dimensions accordingly.

Vertical Datum: NAVD88			
P.A. No. WE014.40			
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No.	Date	By	Revision

**BID SET
JANUARY 2024**

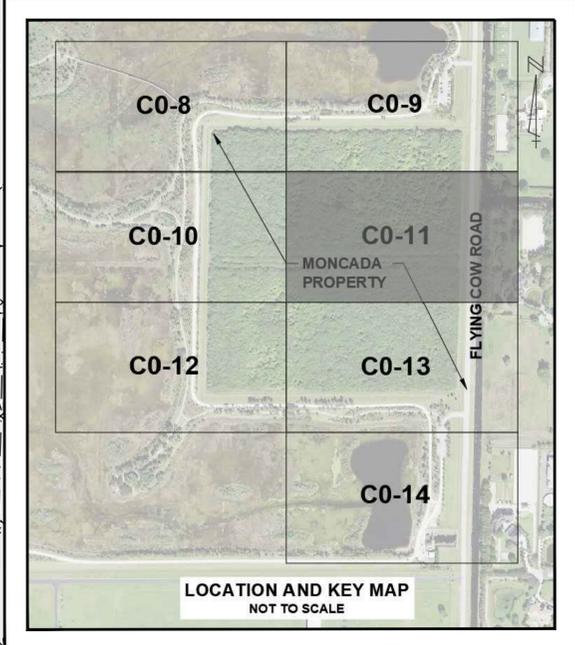
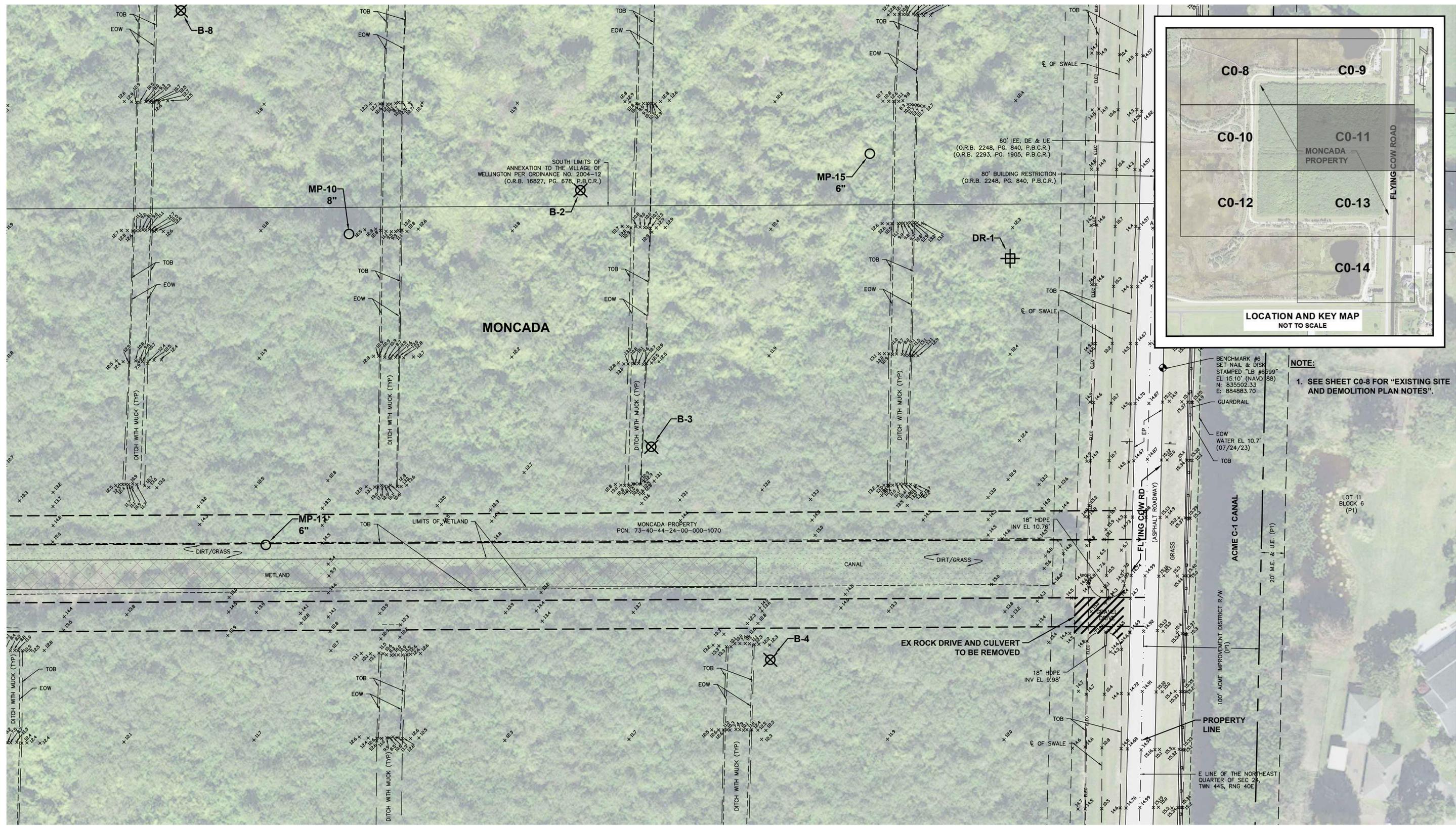
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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**
 VILLAGE OF WELLINGTON

**EXISTING SITE AND
DEMOLITION PLAN**

JANUARY 2024
C0-10



NOTE:
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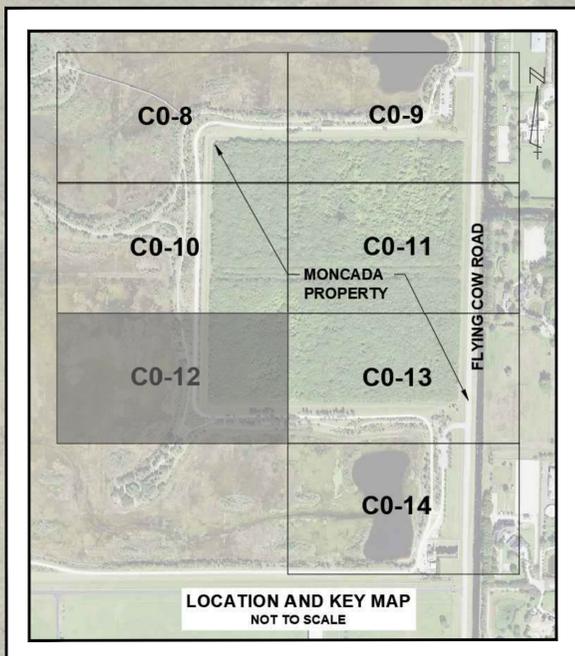
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**MONCADA PROPERTY
 SECTION 24
 IMPOUNDMENT EXPANSION**
 VILLAGE OF WELLINGTON

**EXISTING SITE AND
 DEMOLITION PLAN**

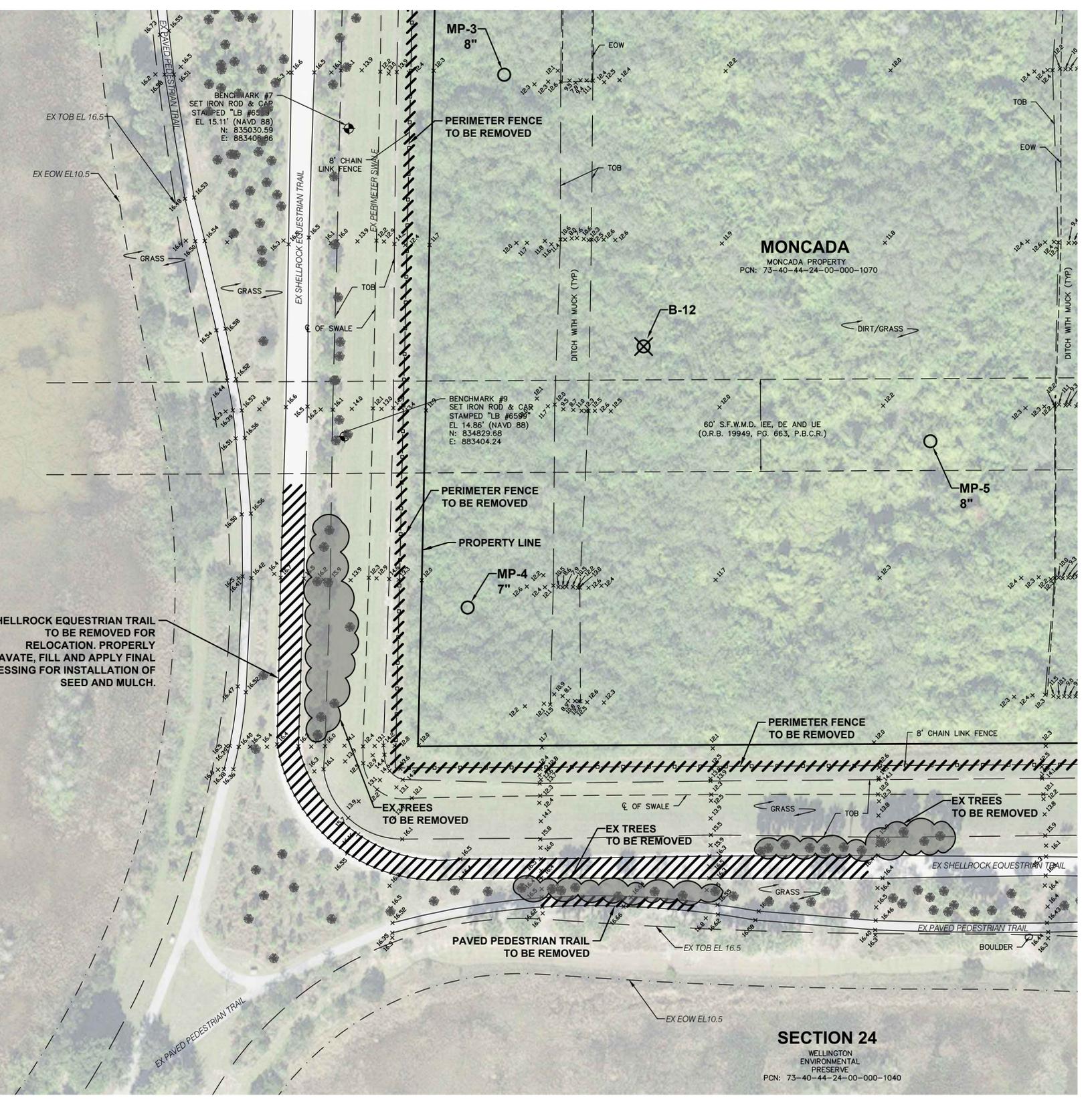
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SECTION 24
WELLINGTON ENVIRONMENTAL PRESERVE
PCN: 73-40-44-24-00-000-1040

NOTE:
1. SEE SHEET C0-8 FOR "EXISTING SITE AND DEMOLITION PLAN NOTES".

SHELLROCK EQUESTRIAN TRAIL TO BE REMOVED FOR RELOCATION. PROPERLY EXCAVATE, FILL AND APPLY FINAL DRESSING FOR INSTALLATION OF SEED AND MULCH.



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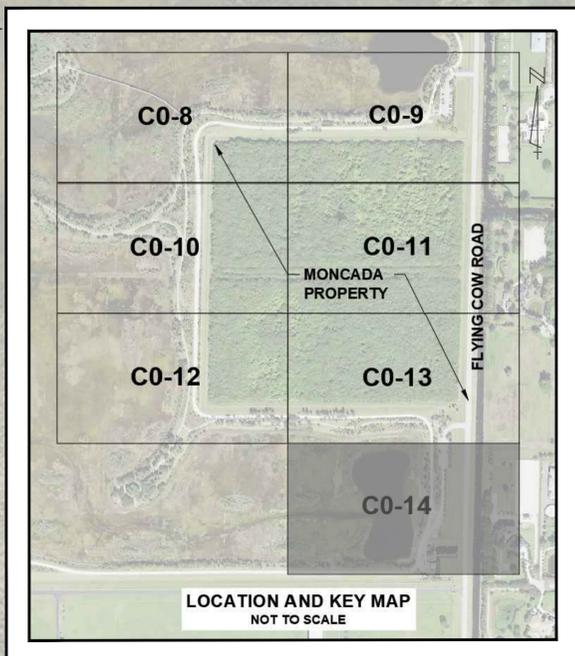
MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION

VILLAGE OF WELLINGTON

EXISTING SITE AND
DEMOLITION PLAN

C0-12

JANUARY 2024



NOTE:
 1. SEE SHEET C0-8 FOR "EXISTING SITE AND DEMOLITION PLAN NOTES".



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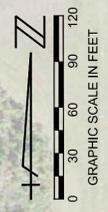
**MONCADA PROPERTY
 SECTION 24
 IMPOUNDMENT EXPANSION**
 VILLAGE OF WELLINGTON

**EXISTING SITE AND
 DEMOLITION PLAN**

JANUARY 2024
C0-14

STORMWATER POLLUTION PREVENTION NOTES:

1. THIS PLAN SHOULD BE USED AS A GUIDE, A COMPLETE STORMWATER POLLUTION PREVENTION PLAN SHOULD BE DEVELOPED TO MEET OR EXCEED FDEP REQUIREMENTS.
2. CONTRACTOR IS RESPONSIBLE TO ENSURE THAT NO DIRT BE TRACKED OFF-SITE OR LEAVES THE SITE BY WIND, RUNOFF, OR OTHER MEANS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NPDES REQUIREMENTS INCLUDING FILING OF NOTICE OF INTENT, MONITORING REPORTS, AND NOTICE OF TERMINATION.
4. WHERE APPROPRIATE, POLLUTION PREVENTION MEASURES SHALL CONSIST OF, BUT NOT LIMITED TO, THE FOLLOWING:
 - 4.1. CONSTRUCT WASHROCK PAD AT ALL POINTS OF EGRESS FOR WASHDOWN OF TRUCK TIRES.
 - 4.2. CONSTRUCT EROSION CONTROL FENCE AND/OR TURBIDITY SCREENS ALONG PROPERTY LINES AS NEEDED.
 - 4.3. NO AREA SHALL BE LEFT BARREN OR SUBJECT TO EROSION DURING CONSTRUCTION. SEEDING AND MULCHING IS REQUIRED FOR ANY AREAS ANTICIPATED TO BE BARREN DURING CONSTRUCTION FOR MORE THAN 15 DAYS.
 - 4.4. TURBIDITY BARRIERS TO BE UTILIZED AT PROJECT OUTFALL AND C-11 AND C15 CANALS (AS SHOWN).
 - 4.5. OTHER MEASURES AS DIRECTED BY THE ENGINEER OR VILLAGE OF WELLINGTON.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL LOCAL, STATE, AND FEDERAL POLLUTION PREVENTION REQUIREMENTS. FOR AFFECTED AREAS GREATER THAN 1 ACRE, COMPLIANCE SHALL INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING:
 - 5.1. PREPARATION OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN ACCORDANCE WITH THE DEP "GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES" (DEP DOCUMENT NO. 62-621.300 (4) (A))
 - 5.2. SUBMITTAL OF THE NOTICE OF INTENT TO THE DEP.
 - 5.3. MAINTENANCE AND INSPECTION OF THE ELEMENTS OF THE SWPPP.
 - 5.4. MAINTENANCE OF RECORDS (INSPECTION REPORTS, NOI, SWPPP, ETC.).
 - 5.5. SUBMITTAL OF THE NOTICE OF TERMINATION (NOT) TO THE DEP AT THE CONCLUSION OF THE PROJECT.



SECTION 24

CONTRACTOR TO INSTALL TEMPORARY SILT FENCE AROUND CULVERT INSTALLATION. SILT FENCE OBSTRUCTING EX EQUESTRIAN TRAIL AND PEDESTRIAN PATHWAY SHALL BE PLACED ONLY WHEN CONSTRUCTION ACTIVITIES REQUIRE. CONTRACTOR SHALL PHASE CONSTRUCTION WORK TO MINIMIZE DURATION OF EQUESTRIAN TRAIL AND PEDESTRIAN PATHWAY CLOSURE.

CONTRACTOR TO INSTALL TEMPORARY SILT FENCE AROUND PROPOSED PAVED PEDESTRIAN TRAIL. SILT FENCE OBSTRUCTING EX EQUESTRIAN TRAIL AND PEDESTRIAN PATHWAY SHALL BE PLACED ONLY WHEN CONSTRUCTION ACTIVITIES REQUIRE. CONTRACTOR SHALL PHASE CONSTRUCTION WORK TO MINIMIZE DURATION OF EQUESTRIAN TRAIL AND PEDESTRIAN PATHWAY CLOSURE.

CONTRACTOR TO INSTALL TEMPORARY SILT FENCE AROUND IMPROVEMENTS (TYP)

FLOATING TURBIDITY BARRIERS

INLET PROTECTION (TYP)

FLYING COW RD

INLET PROTECTION (TYP)

MONCADA

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Adjust all scaled dimensions accordingly.

Vertical Datum:
NAVD88
P.A. No.
WE014.40
Dwg. No.
44-40-24-11
Location:
PALM BEACH COUNTY, FL

No.	Date	By	Revision

**BID SET
JANUARY 2024**

SEAL
TYLER THOMPSON
Florida P.E. No. 86558

Date

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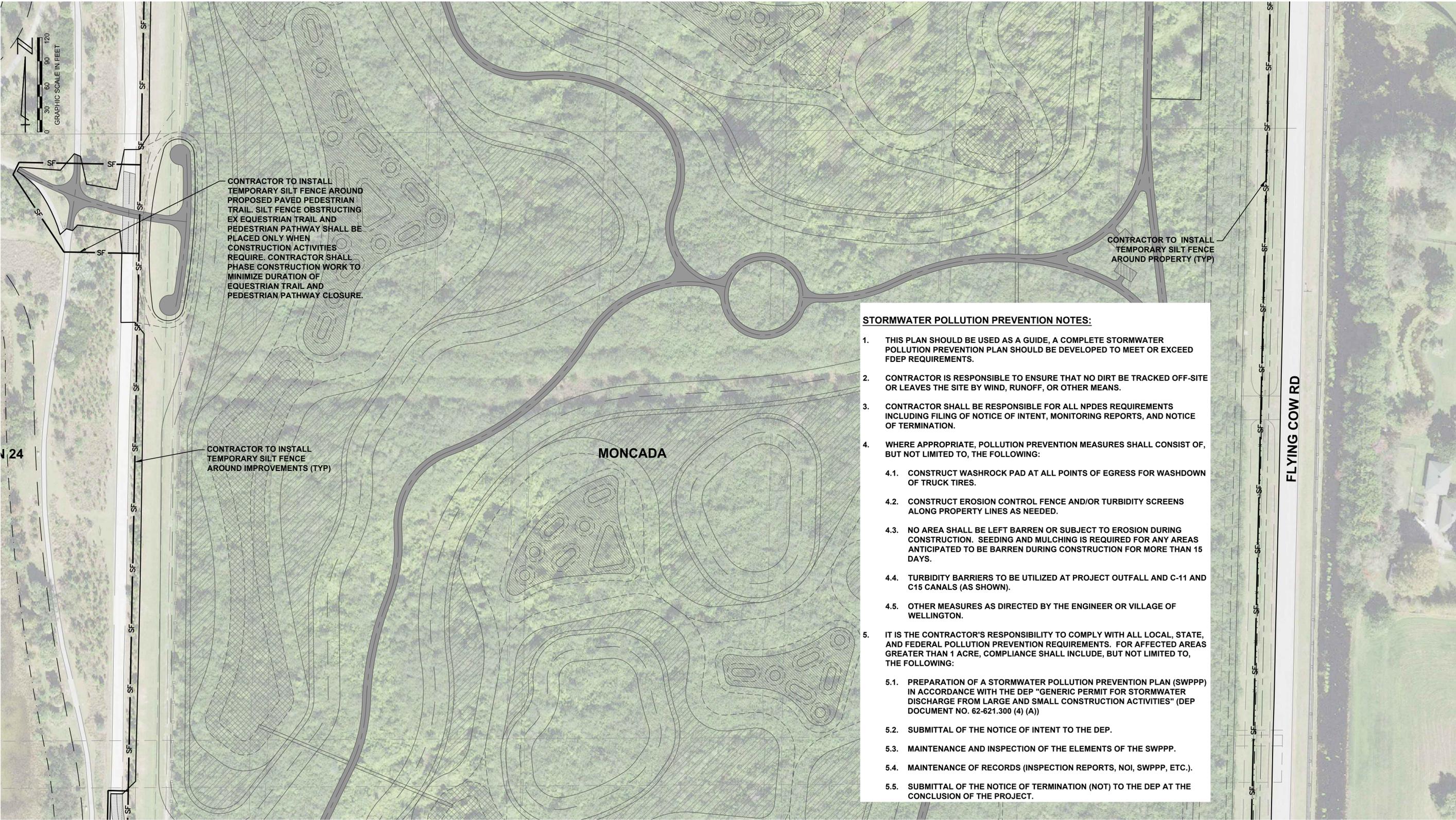
**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**

VILLAGE OF WELLINGTON

**STORMWATER
POLLUTION
PREVENTION PLAN**

JANUARY 2024

C0-15



- STORMWATER POLLUTION PREVENTION NOTES:**
1. THIS PLAN SHOULD BE USED AS A GUIDE, A COMPLETE STORMWATER POLLUTION PREVENTION PLAN SHOULD BE DEVELOPED TO MEET OR EXCEED FDEP REQUIREMENTS.
 2. CONTRACTOR IS RESPONSIBLE TO ENSURE THAT NO DIRT BE TRACKED OFF-SITE OR LEAVES THE SITE BY WIND, RUNOFF, OR OTHER MEANS.
 3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NPDES REQUIREMENTS INCLUDING FILING OF NOTICE OF INTENT, MONITORING REPORTS, AND NOTICE OF TERMINATION.
 4. WHERE APPROPRIATE, POLLUTION PREVENTION MEASURES SHALL CONSIST OF, BUT NOT LIMITED TO, THE FOLLOWING:
 - 4.1. CONSTRUCT WASHROCK PAD AT ALL POINTS OF EGRESS FOR WASHDOWN OF TRUCK TIRES.
 - 4.2. CONSTRUCT EROSION CONTROL FENCE AND/OR TURBIDITY SCREENS ALONG PROPERTY LINES AS NEEDED.
 - 4.3. NO AREA SHALL BE LEFT BARREN OR SUBJECT TO EROSION DURING CONSTRUCTION. SEEDING AND MULCHING IS REQUIRED FOR ANY AREAS ANTICIPATED TO BE BARREN DURING CONSTRUCTION FOR MORE THAN 15 DAYS.
 - 4.4. TURBIDITY BARRIERS TO BE UTILIZED AT PROJECT OUTFALL AND C-11 AND C15 CANALS (AS SHOWN).
 - 4.5. OTHER MEASURES AS DIRECTED BY THE ENGINEER OR VILLAGE OF WELLINGTON.
 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL LOCAL, STATE, AND FEDERAL POLLUTION PREVENTION REQUIREMENTS. FOR AFFECTED AREAS GREATER THAN 1 ACRE, COMPLIANCE SHALL INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING:
 - 5.1. PREPARATION OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN ACCORDANCE WITH THE DEP "GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES" (DEP DOCUMENT NO. 62-621.300 (4) (A))
 - 5.2. SUBMITTAL OF THE NOTICE OF INTENT TO THE DEP.
 - 5.3. MAINTENANCE AND INSPECTION OF THE ELEMENTS OF THE SWPPP.
 - 5.4. MAINTENANCE OF RECORDS (INSPECTION REPORTS, NOI, SWPPP, ETC.).
 - 5.5. SUBMITTAL OF THE NOTICE OF TERMINATION (NOT) TO THE DEP AT THE CONCLUSION OF THE PROJECT.

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PLOT DATE: Jan 16, 2024 - 4:33pm

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P.A. No. WE014.40			
Dwg. No. 44-40-24-11			
Location: PALM BEACH COUNTY, FL			
No.	Date	By	Revision

**BID SET
JANUARY 2024**

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TYLER THOMPSON
Florida P.E. No. 86558

Date

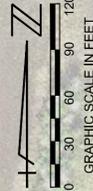
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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**

VILLAGE OF WELLINGTON

**STORMWATER
POLLUTION
PREVENTION PLAN**

JANUARY 2024
C0-16



CONTRACTOR TO INSTALL TEMPORARY SILT FENCE AROUND PROPOSED SHELL ROCK EQUESTRIAN TRAIL. SILT FENCE OBSTRUCTING EX EQUESTRIAN TRAIL AND PEDESTRIAN PATHWAY SHALL BE PLACED ONLY WHEN CONSTRUCTION/ACTIVITIES REQUIRE. CONTRACTOR SHALL PHASE CONSTRUCTION WORK TO MINIMIZE DURATION OF EQUESTRIAN TRAIL AND PEDESTRIAN PATHWAY CLOSURE.

CONTRACTOR TO INSTALL TEMPORARY SILT FENCE AROUND PROPOSED TRAILS. SILT FENCE OBSTRUCTING EX EQUESTRIAN TRAIL AND PEDESTRIAN PATHWAY SHALL BE PLACED ONLY WHEN CONSTRUCTION ACTIVITIES REQUIRE. CONTRACTOR SHALL PHASE CONSTRUCTION WORK TO MINIMIZE DURATION OF EQUESTRIAN TRAIL AND PEDESTRIAN PATHWAY CLOSURE.

CONTRACTOR TO INSTALL TEMPORARY SILT FENCE AROUND IMPROVEMENTS (TYP)

CONTRACTOR TO INSTALL TEMPORARY SILT FENCE AROUND PROPOSED TRAILS. SILT FENCE OBSTRUCTING EX EQUESTRIAN TRAIL AND PEDESTRIAN PATHWAY SHALL BE PLACED ONLY WHEN CONSTRUCTION ACTIVITIES REQUIRE. CONTRACTOR SHALL PHASE CONSTRUCTION WORK TO MINIMIZE DURATION OF EQUESTRIAN TRAIL AND PEDESTRIAN PATHWAY CLOSURE.

INLET PROTECTION (TYP)

FLOATING TURBIDITY BARRIERS

STORM WATER PUMP STATION NO. 9

FLYING COW RD

MONCADA

SECTION 24

STORMWATER POLLUTION PREVENTION NOTES:

1. THIS PLAN SHOULD BE USED AS A GUIDE, A COMPLETE STORMWATER POLLUTION PREVENTION PLAN SHOULD BE DEVELOPED TO MEET OR EXCEED FDEP REQUIREMENTS.
2. CONTRACTOR IS RESPONSIBLE TO ENSURE THAT NO DIRT BE TRACKED OFF-SITE OR LEAVES THE SITE BY WIND, RUNOFF, OR OTHER MEANS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NPDES REQUIREMENTS INCLUDING FILING OF NOTICE OF INTENT, MONITORING REPORTS, AND NOTICE OF TERMINATION.
4. WHERE APPROPRIATE, POLLUTION PREVENTION MEASURES SHALL CONSIST OF, BUT NOT LIMITED TO, THE FOLLOWING:
 - 4.1. CONSTRUCT WASHROCK PAD AT ALL POINTS OF EGRESS FOR WASHDOWN OF TRUCK TIRES.
 - 4.2. CONSTRUCT EROSION CONTROL FENCE AND/OR TURBIDITY SCREENS ALONG PROPERTY LINES AS NEEDED.
 - 4.3. NO AREA SHALL BE LEFT BARREN OR SUBJECT TO EROSION DURING CONSTRUCTION. SEEDING AND MULCHING IS REQUIRED FOR ANY AREAS ANTICIPATED TO BE BARREN DURING CONSTRUCTION FOR MORE THAN 15 DAYS.
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 - 4.5. OTHER MEASURES AS DIRECTED BY THE ENGINEER OR VILLAGE OF WELLINGTON.
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 - 5.4. MAINTENANCE OF RECORDS (INSPECTION REPORTS, NOI, SWPPP, ETC.).
 - 5.5. SUBMITTAL OF THE NOTICE OF TERMINATION (NOT) TO THE DEP AT THE CONCLUSION OF THE PROJECT.

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Vertical Datum: NAVD88
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 Dwg. No. 44-40-24-11
 Location: PALM BEACH COUNTY, FL

No.	Date	By	Revision

**BID SET
JANUARY 2024**

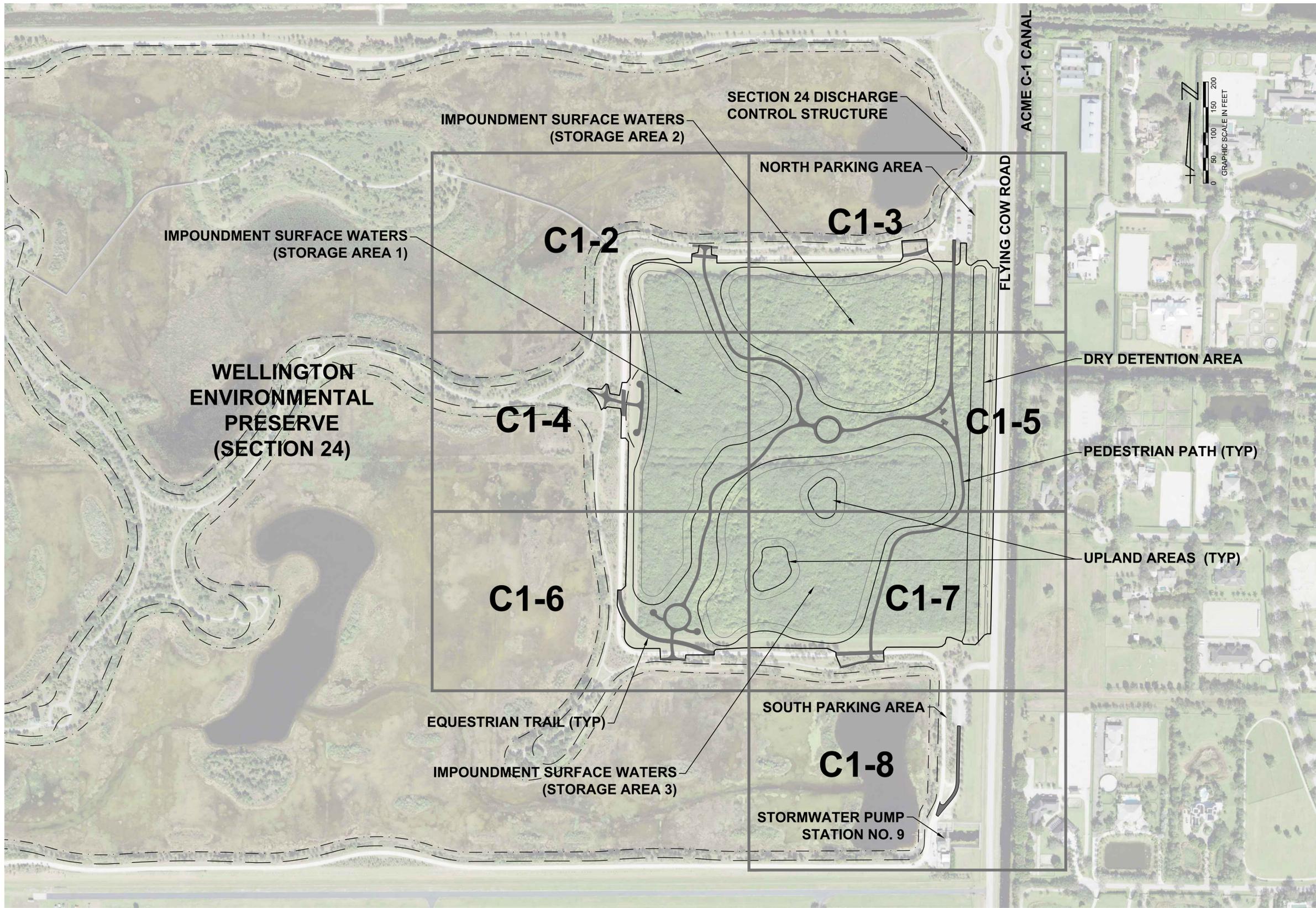
SEAL
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 Florida P.E. No. 86558
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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**
 VILLAGE OF WELLINGTON

**STORMWATER
POLLUTION
PREVENTION PLAN**

JANUARY 2024
C0-17



CADD File: F:\well\mon2\CADD\DWG\WON\ZCS02_C1-1.dwg
 PLOT DATE: Jan 16, 2024 - 4:33pm

Vertical Datum: NAVD88 P.A. No. WE014.40 Dwg. No. 44-40-24-11 Location: PALM BEACH COUNTY, FL			
No.	Date	By	Revision

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**MONCADA PROPERTY
 SECTION 24
 IMPOUNDMENT EXPANSION**
 VILLAGE OF WELLINGTON

**EARTHWORK PLAN
 KEY SHEET**

JANUARY 2024
C1-1

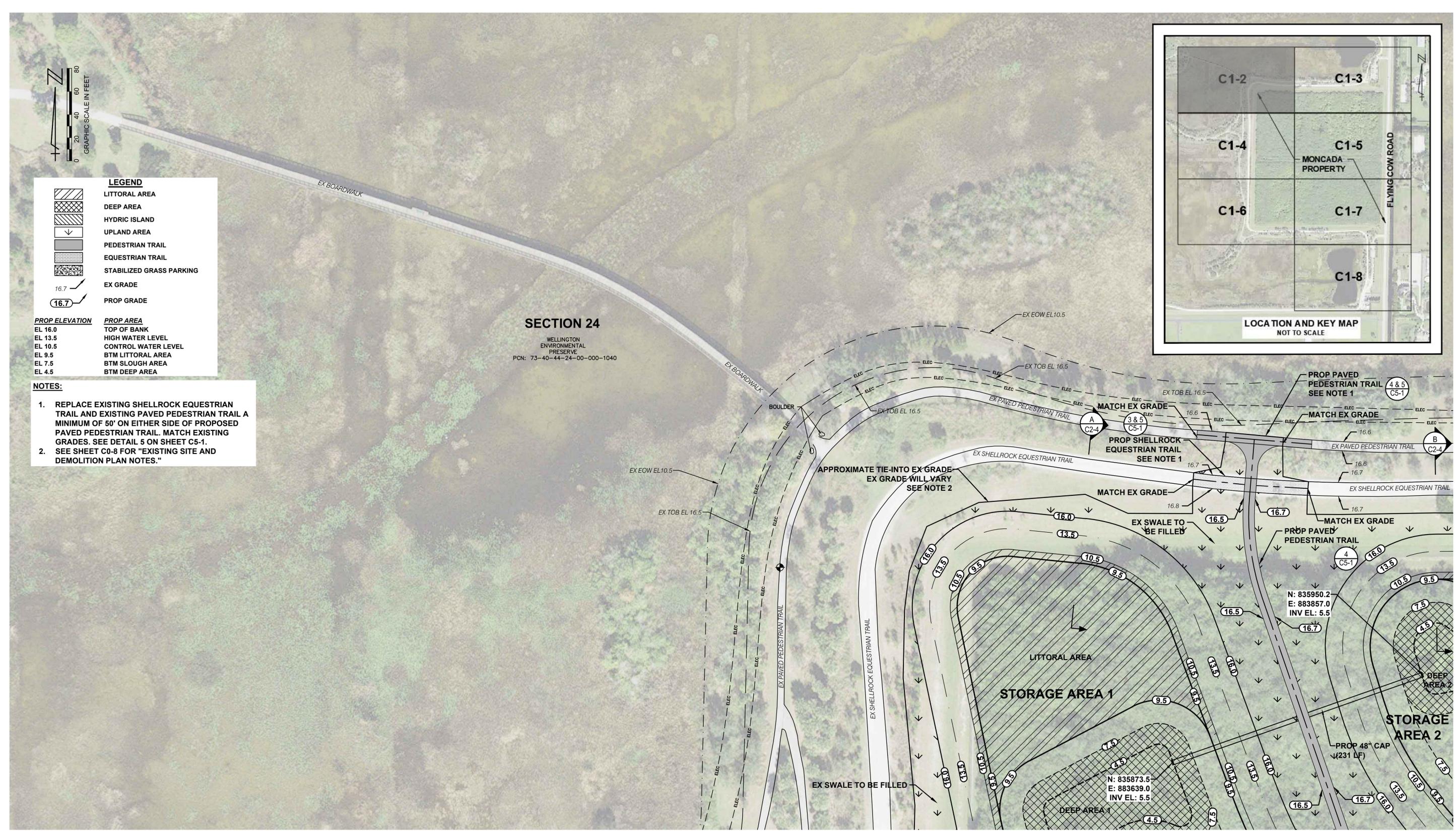
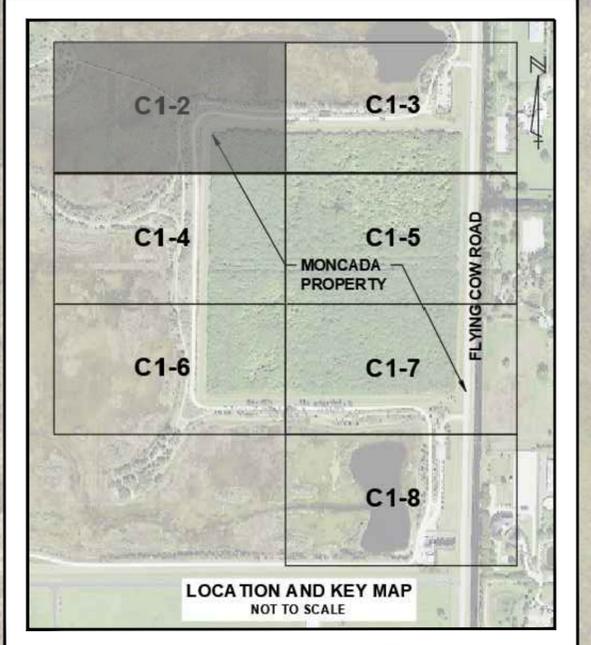


LEGEND	
	LITTORAL AREA
	DEEP AREA
	HYDRIC ISLAND
	UPLAND AREA
	PEDESTRIAN TRAIL
	EQUESTRIAN TRAIL
	STABILIZED GRASS PARKING
	EX GRADE
	PROP GRADE

PROP ELEVATION	PROP AREA
EL 16.0	TOP OF BANK
EL 13.5	HIGH WATER LEVEL
EL 10.5	CONTROL WATER LEVEL
EL 9.5	BTM LITTORAL AREA
EL 7.5	BTM SLOUGH AREA
EL 4.5	BTM DEEP AREA

- NOTES:**
1. REPLACE EXISTING SHELLROCK EQUESTRIAN TRAIL AND EXISTING PAVED PEDESTRIAN TRAIL A MINIMUM OF 50' ON EITHER SIDE OF PROPOSED PAVED PEDESTRIAN TRAIL. MATCH EXISTING GRADES. SEE DETAIL 5 ON SHEET C5-1.
 2. SEE SHEET C0-8 FOR "EXISTING SITE AND DEMOLITION PLAN NOTES."

SECTION 24
WELLINGTON ENVIRONMENTAL PRESERVE
PCN: 73-40-44-24-00-000-1040



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Dwg. No. 44-40-24-11			
Location: PALM BEACH COUNTY, FL			

No.	Date	By	Revision

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Date

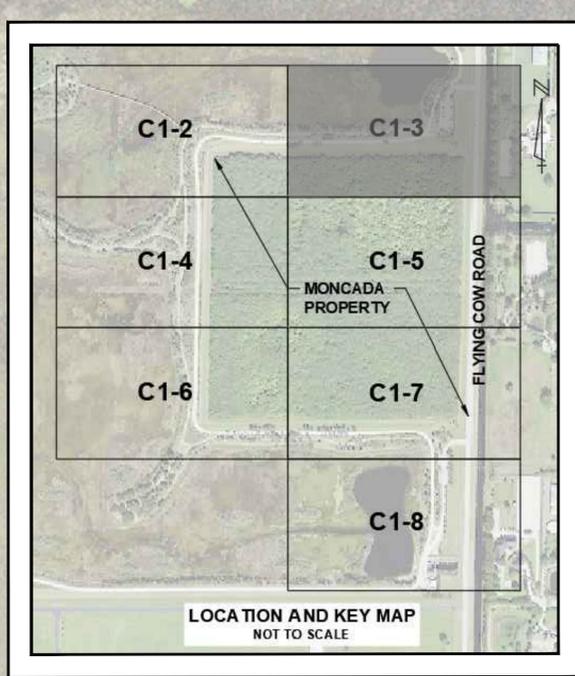
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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**

VILLAGE OF WELLINGTON

EARTHWORK PLAN

JANUARY 2024
C1-2



LEGEND

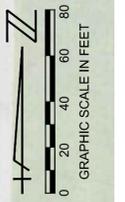
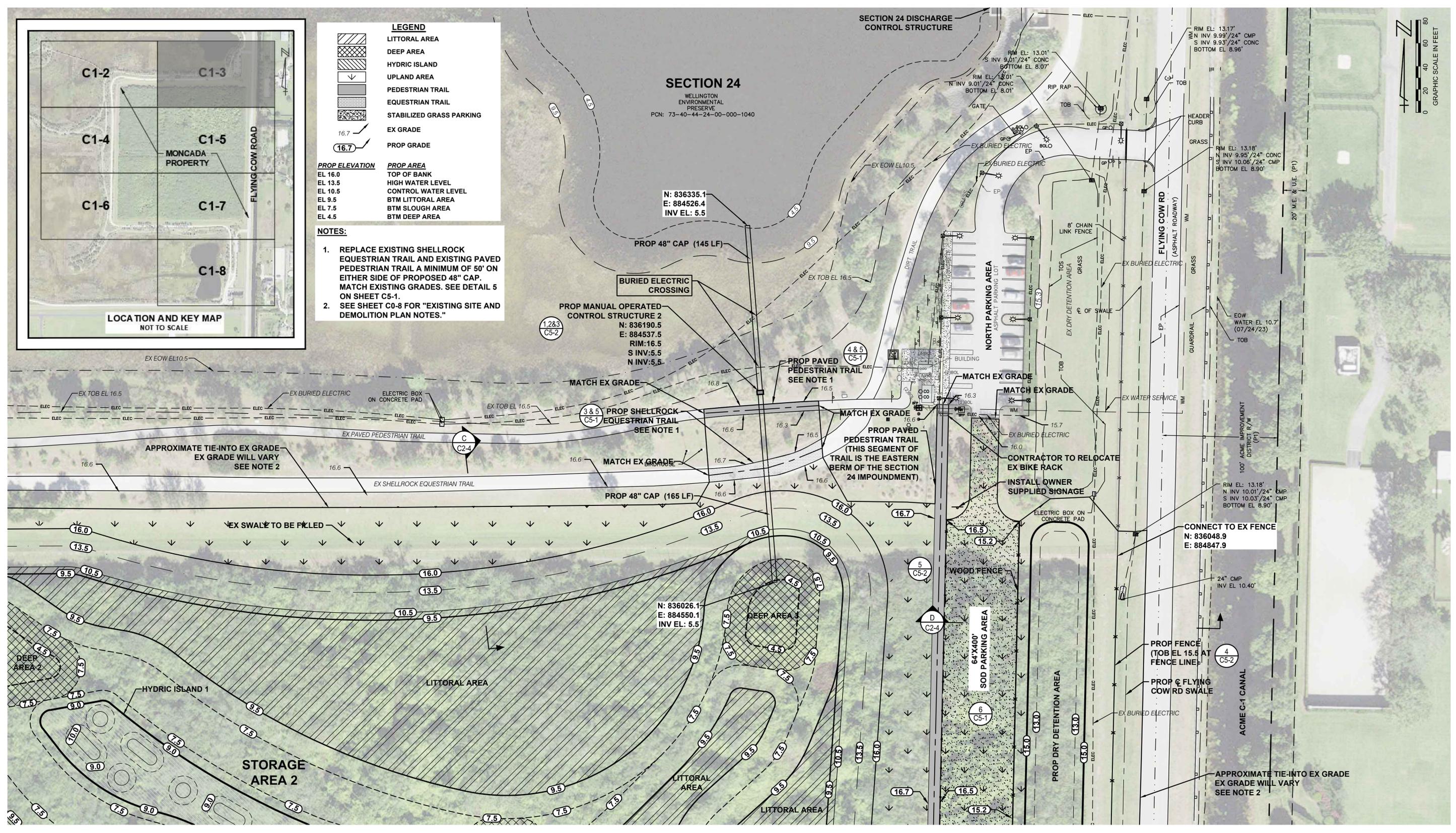
	LITTORAL AREA
	DEEP AREA
	HYDRIC ISLAND
	UPLAND AREA
	PEDESTRIAN TRAIL
	EQUESTRIAN TRAIL
	STABILIZED GRASS PARKING
	EX GRADE
	PROP GRADE

PROP ELEVATION

EL 16.0	TOP OF BANK
EL 13.5	HIGH WATER LEVEL
EL 10.5	CONTROL WATER LEVEL
EL 9.5	BTM LITTORAL AREA
EL 7.5	BTM SLOUGH AREA
EL 4.5	BTM DEEP AREA

NOTES:

1. REPLACE EXISTING SHELLROCK EQUESTRIAN TRAIL AND EXISTING PAVED PEDESTRIAN TRAIL A MINIMUM OF 50' ON EITHER SIDE OF PROPOSED 48" CAP. MATCH EXISTING GRADES. SEE DETAIL 5 ON SHEET C5-1.
2. SEE SHEET C0-8 FOR "EXISTING SITE AND DEMOLITION PLAN NOTES."



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No.	Date	By	Revision

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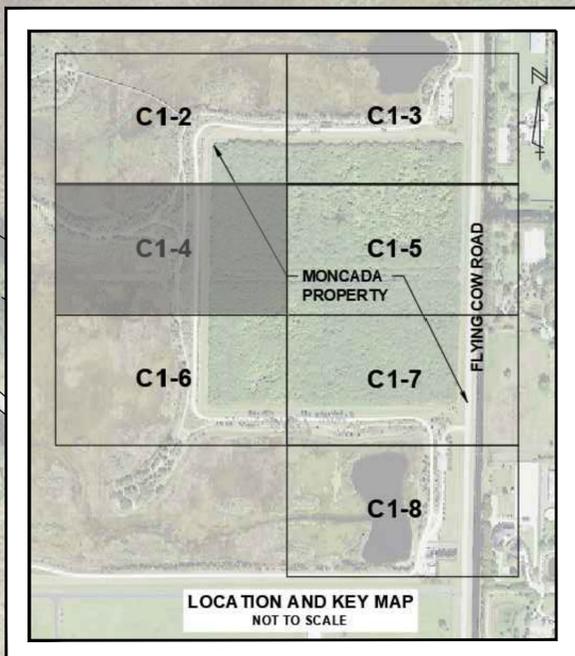
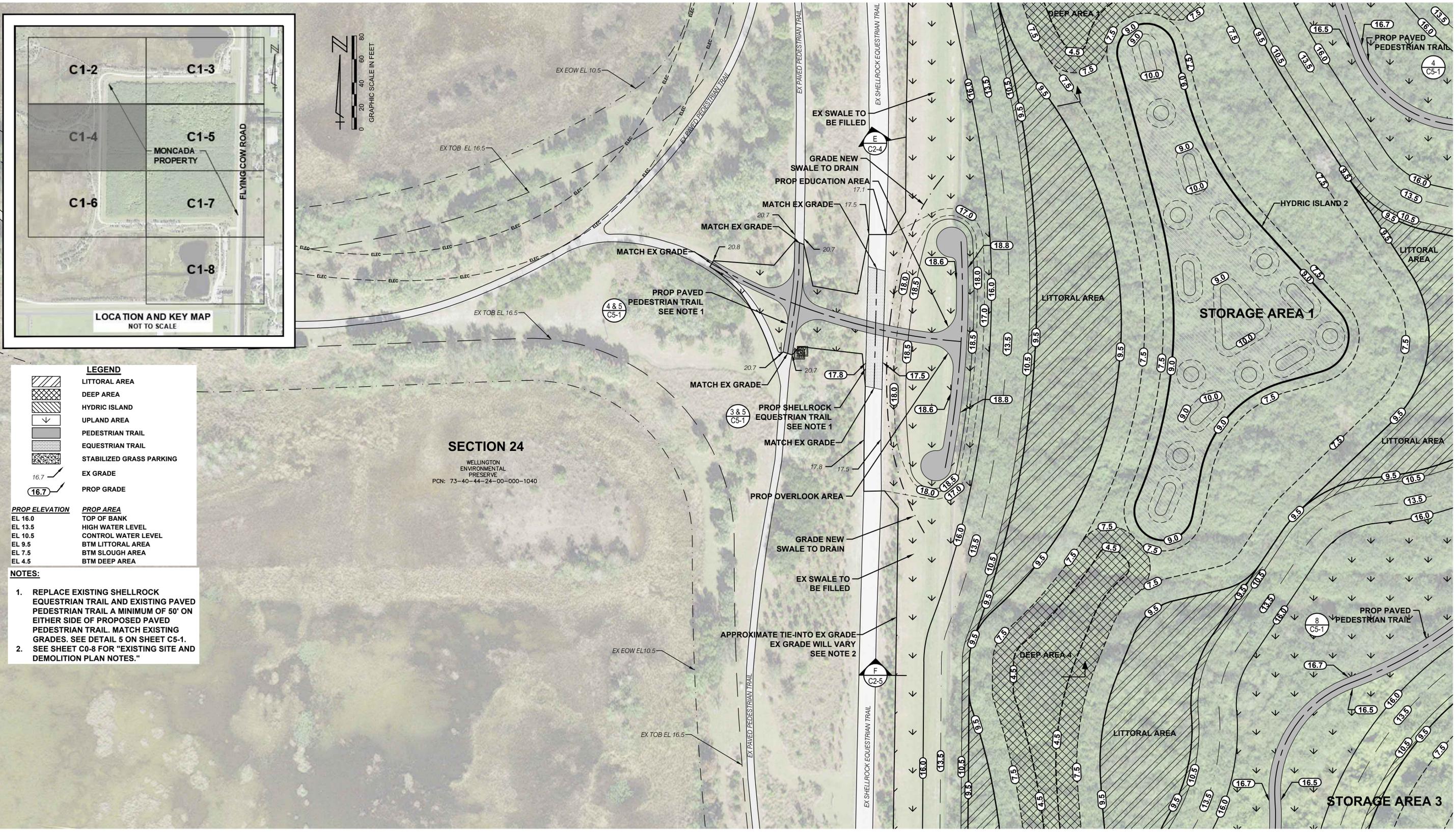
SEAL
 TYLER THOMPSON
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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**
 VILLAGE OF WELLINGTON

EARTHWORK PLAN

C1-3
 JANUARY 2024



LEGEND

[Symbol]	LITTORAL AREA
[Symbol]	DEEP AREA
[Symbol]	HYDRIC ISLAND
[Symbol]	UPLAND AREA
[Symbol]	PEDESTRIAN TRAIL
[Symbol]	EQUESTRIAN TRAIL
[Symbol]	STABILIZED GRASS PARKING
[Symbol]	EX GRADE
[Symbol]	PROP GRADE

PROP ELEVATION	PROP AREA
EL 16.0	TOP OF BANK
EL 13.5	HIGH WATER LEVEL
EL 10.5	CONTROL WATER LEVEL
EL 9.5	BTM LITTORAL AREA
EL 7.5	BTM SLOUGH AREA
EL 4.5	BTM DEEP AREA

- NOTES:**
1. REPLACE EXISTING SHELLROCK EQUESTRIAN TRAIL AND EXISTING PAVED PEDESTRIAN TRAIL A MINIMUM OF 50' ON EITHER SIDE OF PROPOSED PAVED PEDESTRIAN TRAIL. MATCH EXISTING GRADES. SEE DETAIL 5 ON SHEET C5-1.
 2. SEE SHEET C0-8 FOR "EXISTING SITE AND DEMOLITION PLAN NOTES."

SECTION 24
 WELLINGTON ENVIRONMENTAL PRESERVE
 PCN: 73-40-44-24-00-000-1040

CADD File: F:\wellington\CADD\DWG\MONZCS02_C1-2.dwg
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Vertical Datum: NAVD88 P.A. No. WE014.40 Dwg. No. 44-40-24-11 Location: PALM BEACH COUNTY, FL				SEAL TYLER THOMPSON Florida P.E. No. 86558 Date	MOCK • ROOS CONSULTING ENGINEERS 5720 Corporate Way, West Palm Beach, Florida 33407 (561) 683-3113, www.MockRoos.com Florida Reg. No. 48	MONCADA PROPERTY SECTION 24 IMPOUNDMENT EXPANSION VILLAGE OF WELLINGTON	JANUARY 2024 EARTHWORK PLAN C1-4
	No.	Date	By	Revision	Florida L.B. No. 48		

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 44-40-24-11
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 PALM BEACH COUNTY, FL

No.	Date	By	Revision

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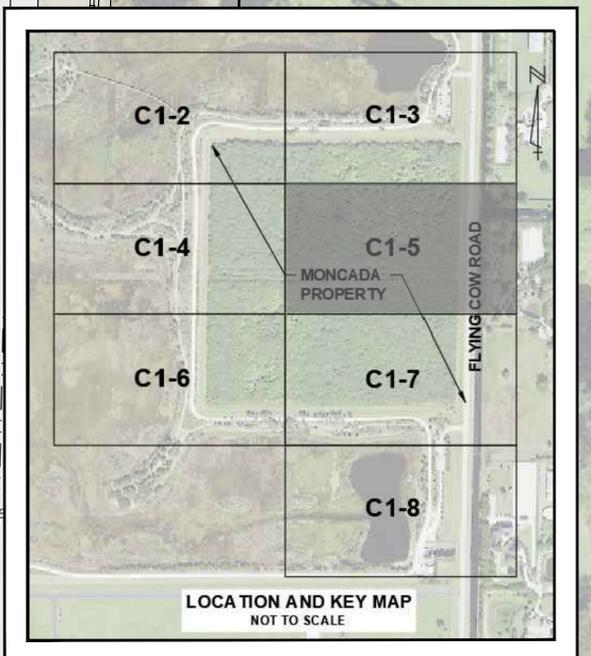
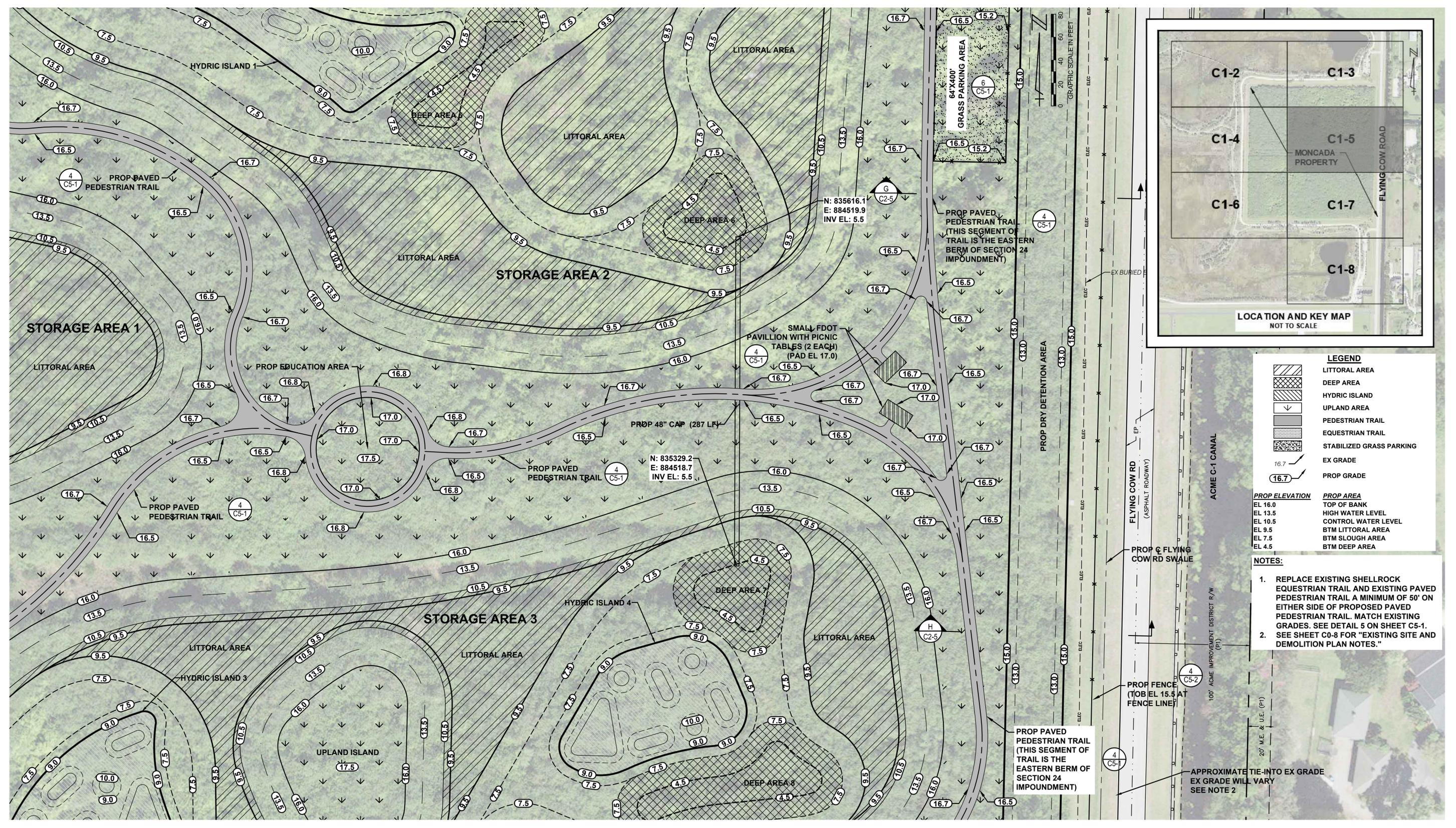
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**MONCADA PROPERTY
 SECTION 24
 IMPOUNDMENT EXPANSION**
 VILLAGE OF WELLINGTON

EARTHWORK PLAN

JANUARY 2024
C1-5



LEGEND

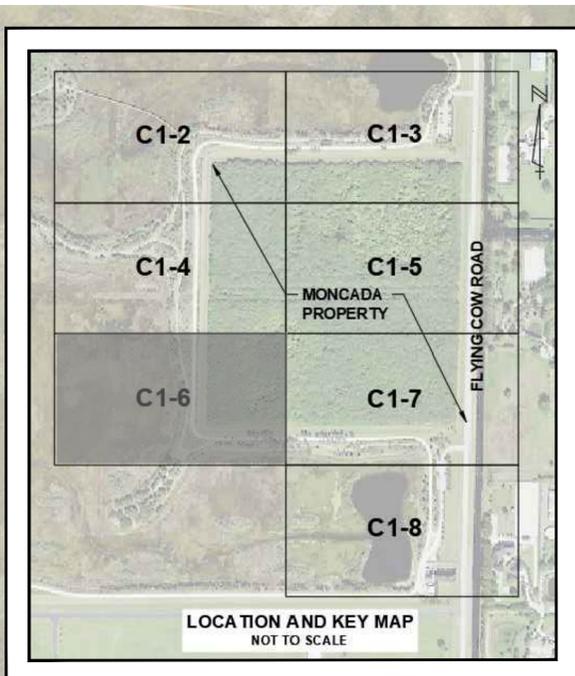
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	DEEP AREA
	HYDRIC ISLAND
	UPLAND AREA
	PEDESTRIAN TRAIL
	EQUESTRIAN TRAIL
	STABILIZED GRASS PARKING
	EX GRADE
	PROP GRADE

PROP ELEVATION
 EL 16.0 TOP OF BANK
 EL 13.5 HIGH WATER LEVEL
 EL 10.5 CONTROL WATER LEVEL
 EL 9.5 BTM LITTORAL AREA
 EL 7.5 BTM SLOUGH AREA
 EL 4.5 BTM DEEP AREA

NOTES:

- REPLACE EXISTING SHELLROCK EQUESTRIAN TRAIL AND EXISTING PAVED PEDESTRIAN TRAIL A MINIMUM OF 50' ON EITHER SIDE OF PROPOSED PAVED PEDESTRIAN TRAIL. MATCH EXISTING GRADES. SEE DETAIL 5 ON SHEET C5-1.
- SEE SHEET C0-8 FOR "EXISTING SITE AND DEMOLITION PLAN NOTES."

APPROXIMATE TIE-INTO EX GRADE
 EX GRADE WILL VARY
 SEE NOTE 2



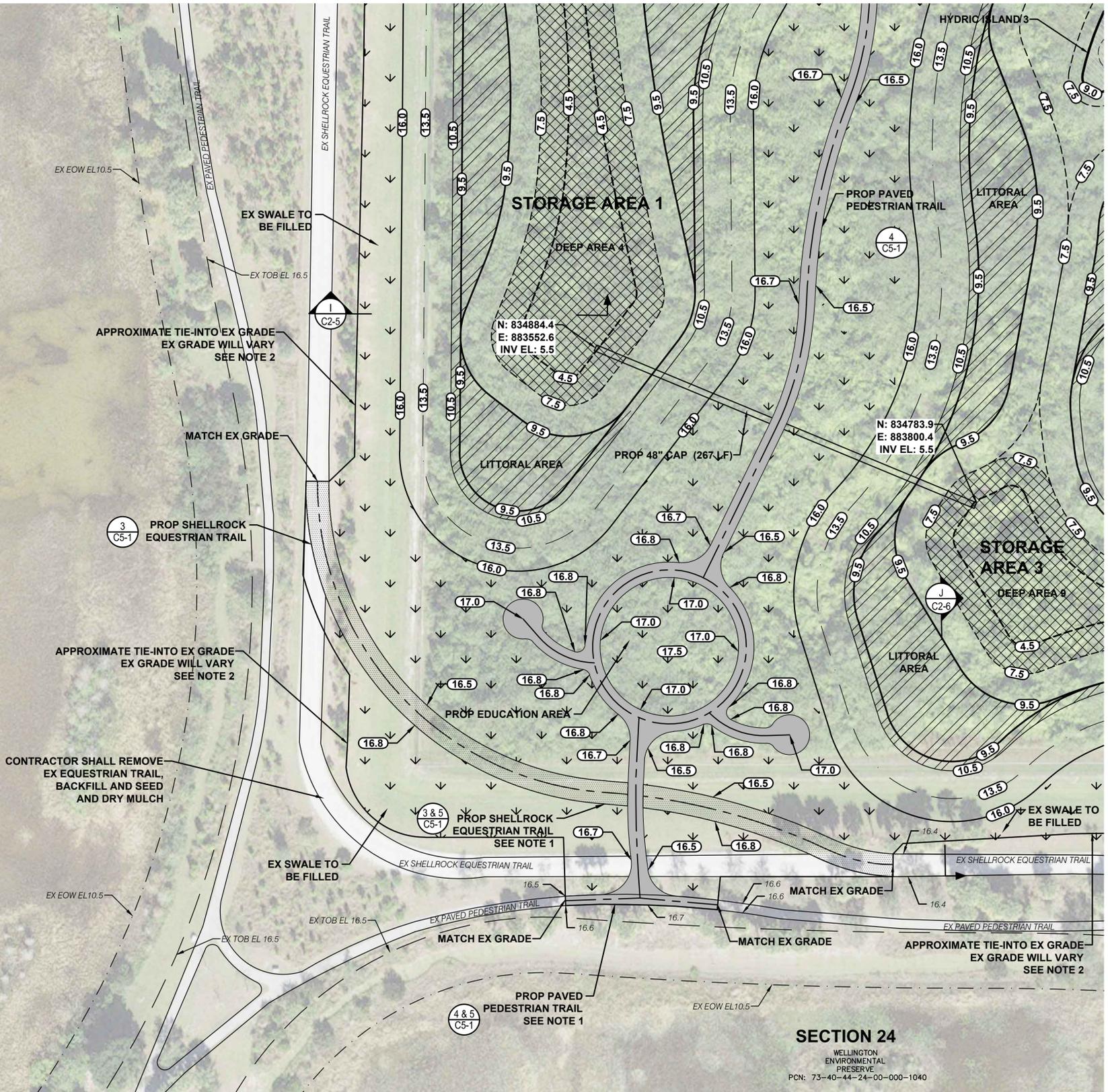
LEGEND

[Symbol]	LITTORAL AREA
[Symbol]	DEEP AREA
[Symbol]	HYDRIC ISLAND
[Symbol]	UPLAND AREA
[Symbol]	PEDESTRIAN TRAIL
[Symbol]	EQUESTRIAN TRAIL
[Symbol]	STABILIZED GRASS PARKING
[Symbol]	EX GRADE
[Symbol]	PROP GRADE

PROP ELEVATION	PROP AREA
EL 16.0	TOP OF BANK
EL 13.5	HIGH WATER LEVEL
EL 10.5	CONTROL WATER LEVEL
EL 9.5	BTM LITTORAL AREA
EL 7.5	BTM SLOUGH AREA
EL 4.5	BTM DEEP AREA

- NOTES:**
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SECTION 24
WELLINGTON ENVIRONMENTAL PRESERVE
PCN: 73-40-44-24-00-000-1040



SECTION 24
WELLINGTON ENVIRONMENTAL PRESERVE
PCN: 73-40-44-24-00-000-1040

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Dwg. No. 44-40-24-11			
Location: PALM BEACH COUNTY, FL			
No.	Date	By	Revision

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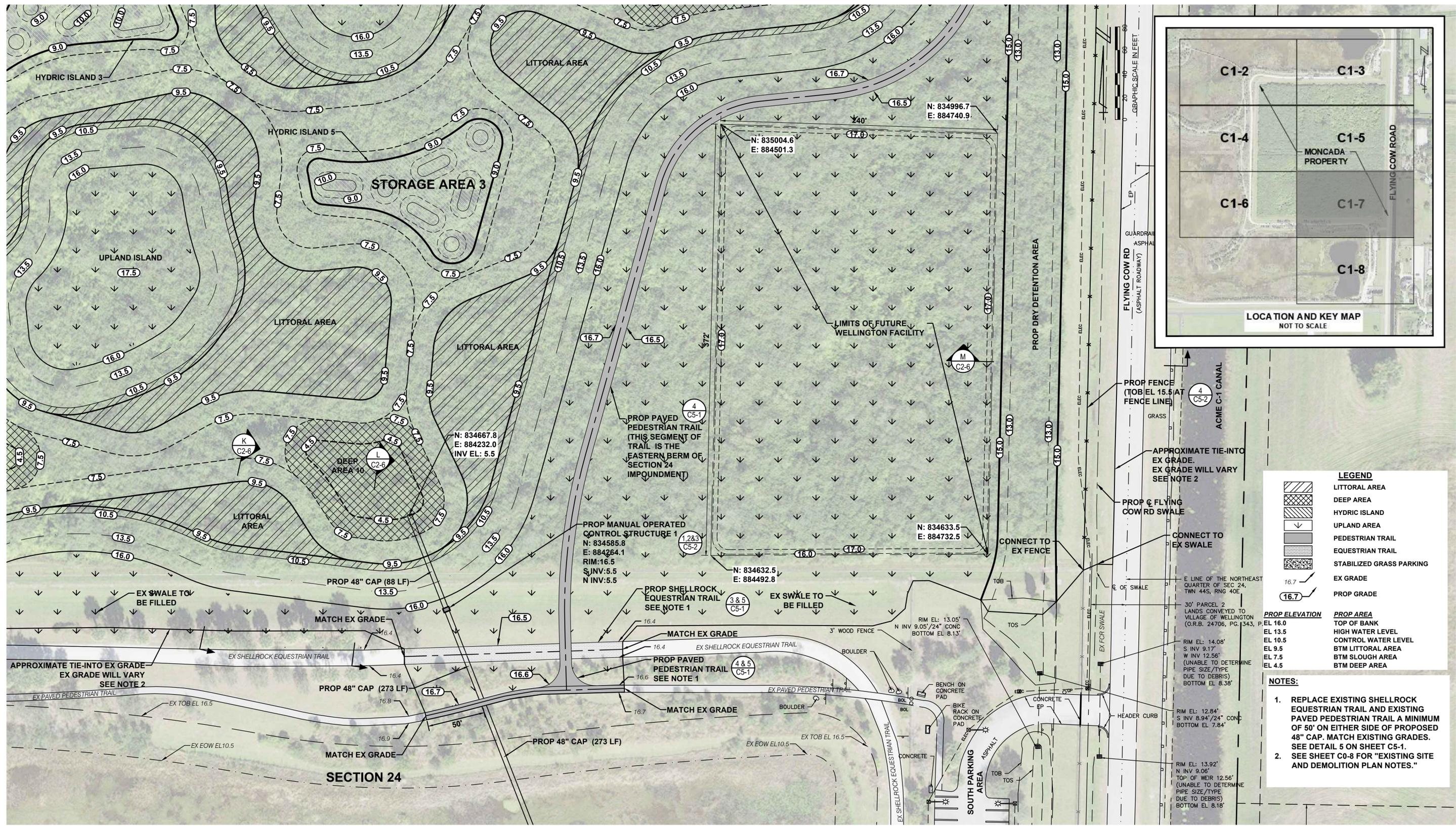
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MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION
VILLAGE OF WELLINGTON

EARTHWORK PLAN

JANUARY 2024
C1-6



LEGEND

- LITTORAL AREA
- DEEP AREA
- HYDRIC ISLAND
- UPLAND AREA
- PEDESTRIAN TRAIL
- EQUESTRIAN TRAIL
- STABILIZED GRASS PARKING
- EX GRADE
- PROP GRADE

PROP ELEVATION

- EL 16.0
- EL 13.5
- EL 10.5
- EL 9.5
- EL 7.5
- EL 4.5

PROP AREA

- TOP OF BANK
- HIGH WATER LEVEL
- CONTROL WATER LEVEL
- BTM LITTORAL AREA
- BTM SLOUGH AREA
- BTM DEEP AREA

- NOTES:**
- REPLACE EXISTING SHELLROCK EQUESTRIAN TRAIL AND EXISTING PAVED PEDESTRIAN TRAIL A MINIMUM OF 50' ON EITHER SIDE OF PROPOSED 48" CAP. MATCH EXISTING GRADES. SEE DETAIL 5 ON SHEET C5-1.
 - SEE SHEET C0-8 FOR "EXISTING SITE AND DEMOLITION PLAN NOTES."

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Dwg. No. 44-40-24-11			
Location: PALM BEACH COUNTY, FL			
No.	Date	By	Revision

**BID SET
JANUARY 2024**

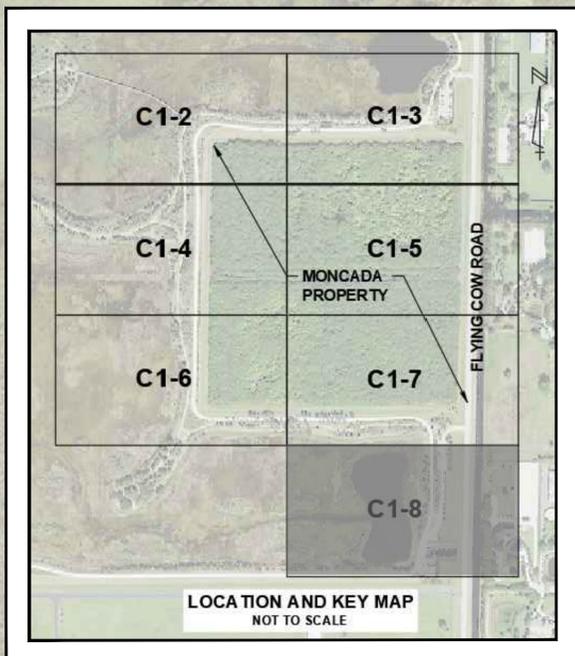
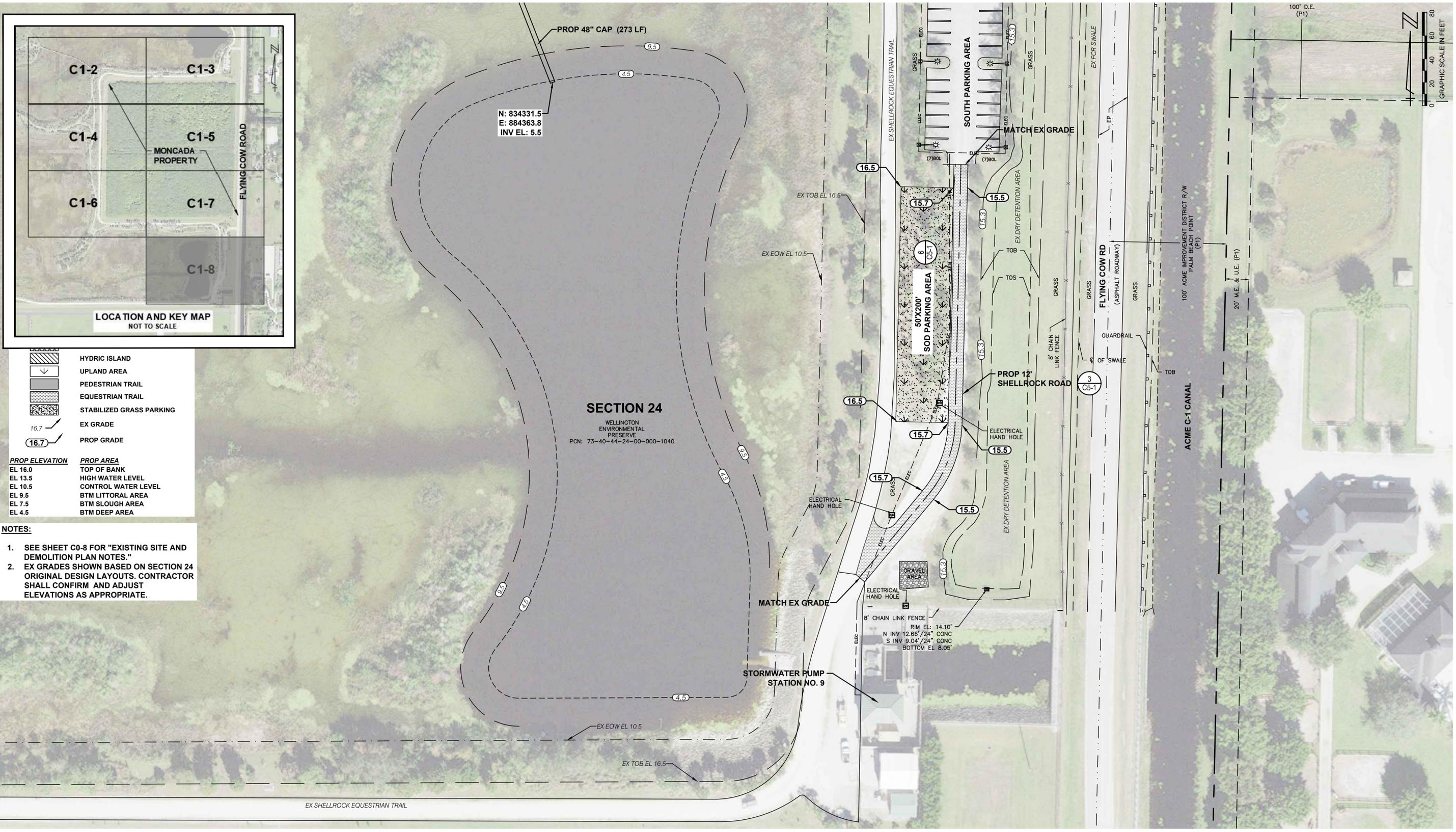
SEAL
 TYLER THOMPSON
 Florida P.E. No. 86558
 Date

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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**
 VILLAGE OF WELLINGTON

EARTHWORK PLAN

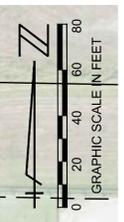
JANUARY 2024
C1-7



	HYDRIC ISLAND
	UPLAND AREA
	PEDESTRIAN TRAIL
	EQUESTRIAN TRAIL
	STABILIZED GRASS PARKING
	EX GRADE
	PROP GRADE

PROP ELEVATION	PROP AREA
EL 16.0	TOP OF BANK
EL 13.5	HIGH WATER LEVEL
EL 10.5	CONTROL WATER LEVEL
EL 9.5	BTM LITTORAL AREA
EL 7.5	BTM SLOUGH AREA
EL 4.5	BTM DEEP AREA

- NOTES:**
- SEE SHEET C0-8 FOR "EXISTING SITE AND DEMOLITION PLAN NOTES."
 - EX GRADES SHOWN BASED ON SECTION 24 ORIGINAL DESIGN LAYOUTS. CONTRACTOR SHALL CONFIRM AND ADJUST ELEVATIONS AS APPROPRIATE.



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P.A. No. WE014.40			
Dwg. No. 44-40-24-11			
Location: PALM BEACH COUNTY, FL			
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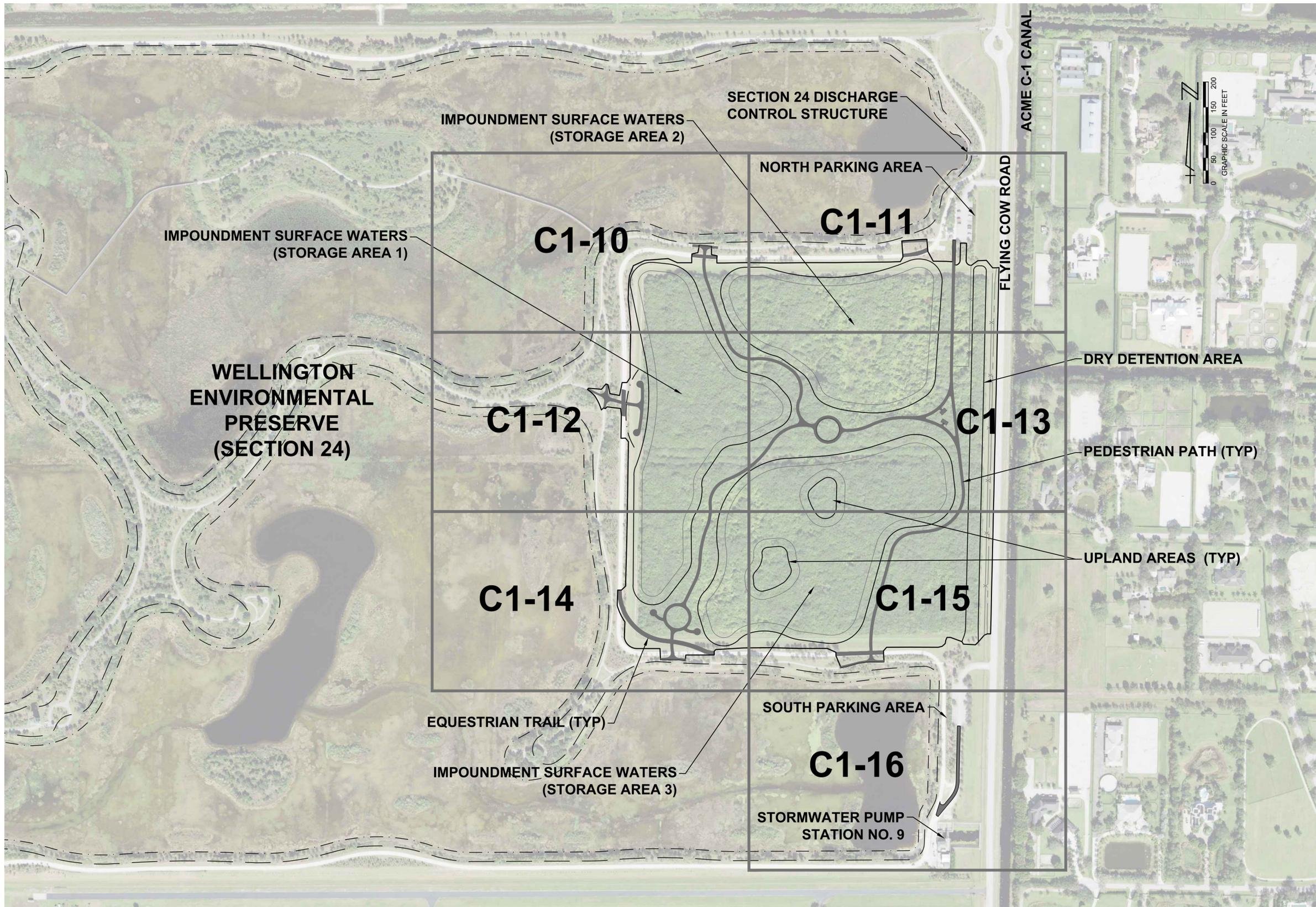
MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION

VILLAGE OF WELLINGTON

EARTHWORK PLAN

JANUARY 2024

C1-8



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No.	Date	By	Revision

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**MONCADA PROPERTY
 SECTION 24
 IMPOUNDMENT EXPANSION**
 VILLAGE OF WELLINGTON

**CONTROL KEY
 SHEET**

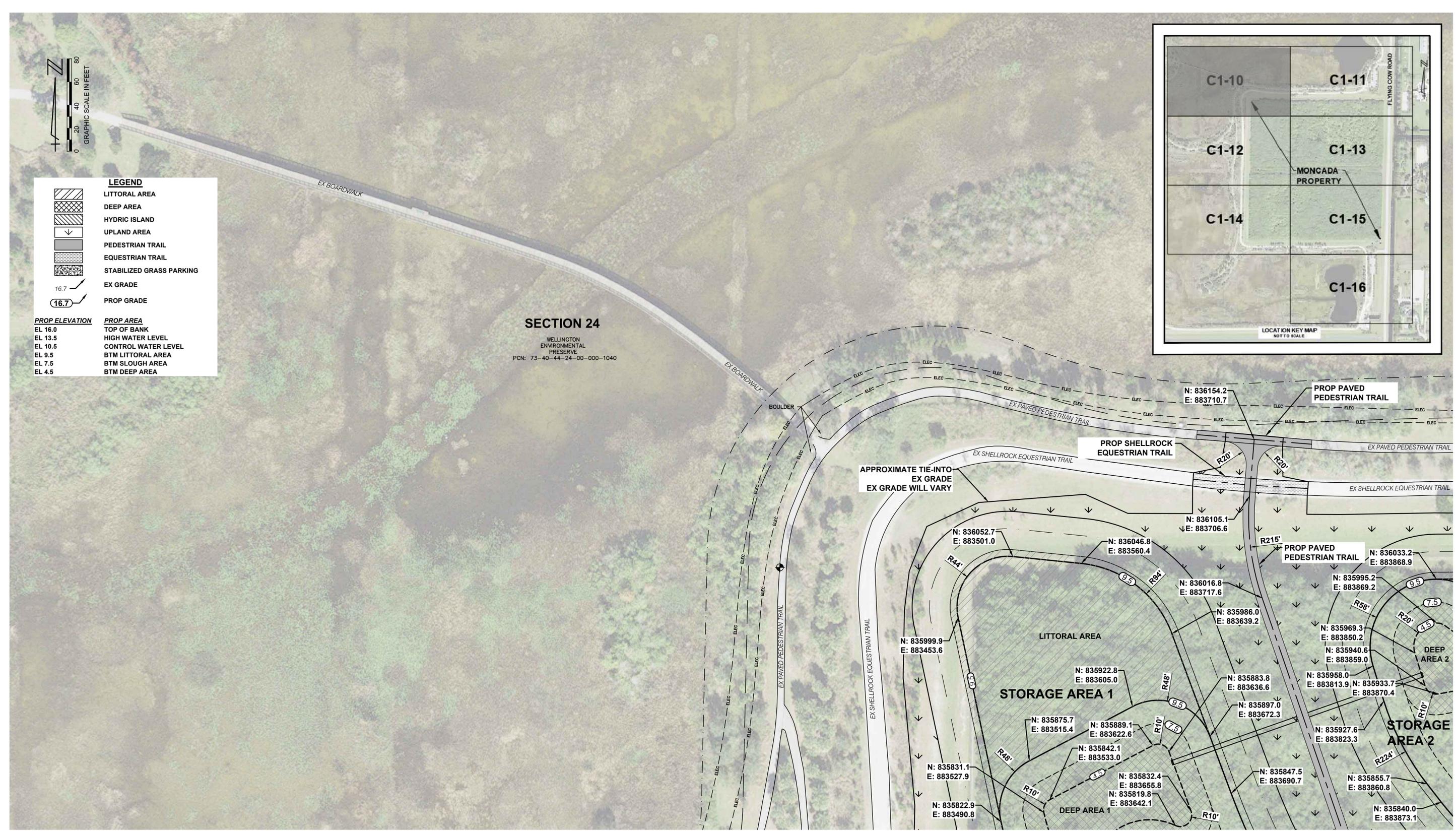
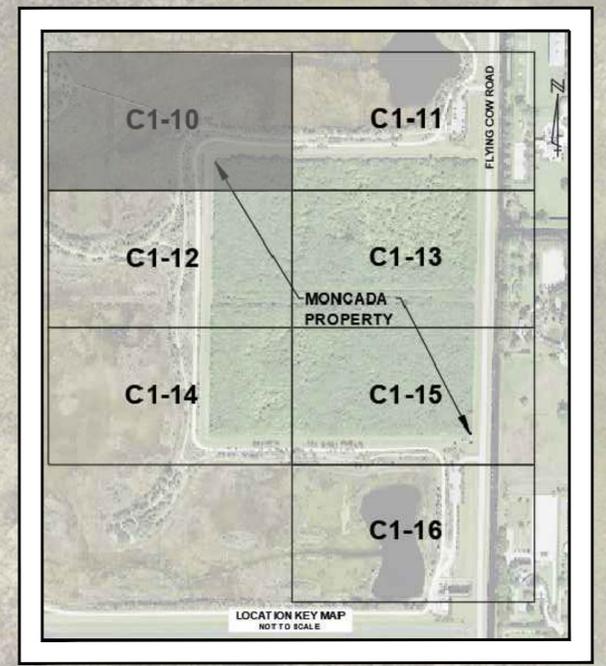
JANUARY 2024
C1-9



LEGEND	
	LITTORAL AREA
	DEEP AREA
	HYDRIC ISLAND
	UPLAND AREA
	PEDESTRIAN TRAIL
	EQUESTRIAN TRAIL
	STABILIZED GRASS PARKING
	EX GRADE
	PROP GRADE

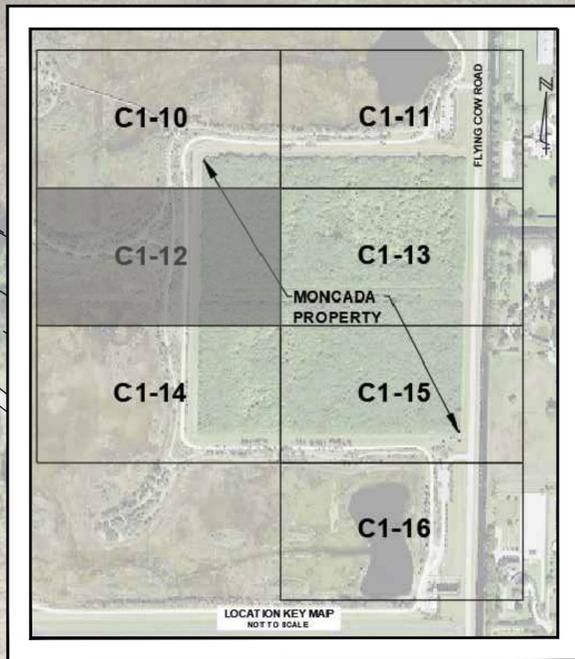
PROP ELEVATION	PROP AREA
EL 16.0	TOP OF BANK
EL 13.5	HIGH WATER LEVEL
EL 10.5	CONTROL WATER LEVEL
EL 9.5	BTM LITTORAL AREA
EL 7.5	BTM SLOUGH AREA
EL 4.5	BTM DEEP AREA

SECTION 24
WELLINGTON
ENVIRONMENTAL
PRESERVE
PCN: 73-40-44-24-00-000-1040



CADD File: F:\well\mon2\CADD\DWG\MON2CS02_C1-10.dwg
 PLOT DATE: Jan 16, 2024 - 4:35pm
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No.	Date	By	Revision							



LEGEND	
	LITTORAL AREA
	DEEP AREA
	HYDRIC ISLAND
	UPLAND AREA
	PEDESTRIAN TRAIL
	EQUESTRIAN TRAIL
	STABILIZED GRASS PARKING
	EX GRADE
	PROP GRADE
PROP ELEVATION	PROP AREA
EL 16.0	TOP OF BANK
EL 13.5	HIGH WATER LEVEL
EL 10.5	CONTROL WATER LEVEL
EL 9.5	BTM LITTORAL AREA
EL 7.5	BTM SLOUGH AREA
EL 4.5	BTM DEEP AREA

SECTION 24
WELLINGTON ENVIRONMENTAL PRESERVE
PCN: 73-40-44-24-00-000-1040

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No.	Date	By	Revision

**BID SET
JANUARY 2024**

SEAL
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Florida P.E. No. 86558

Date

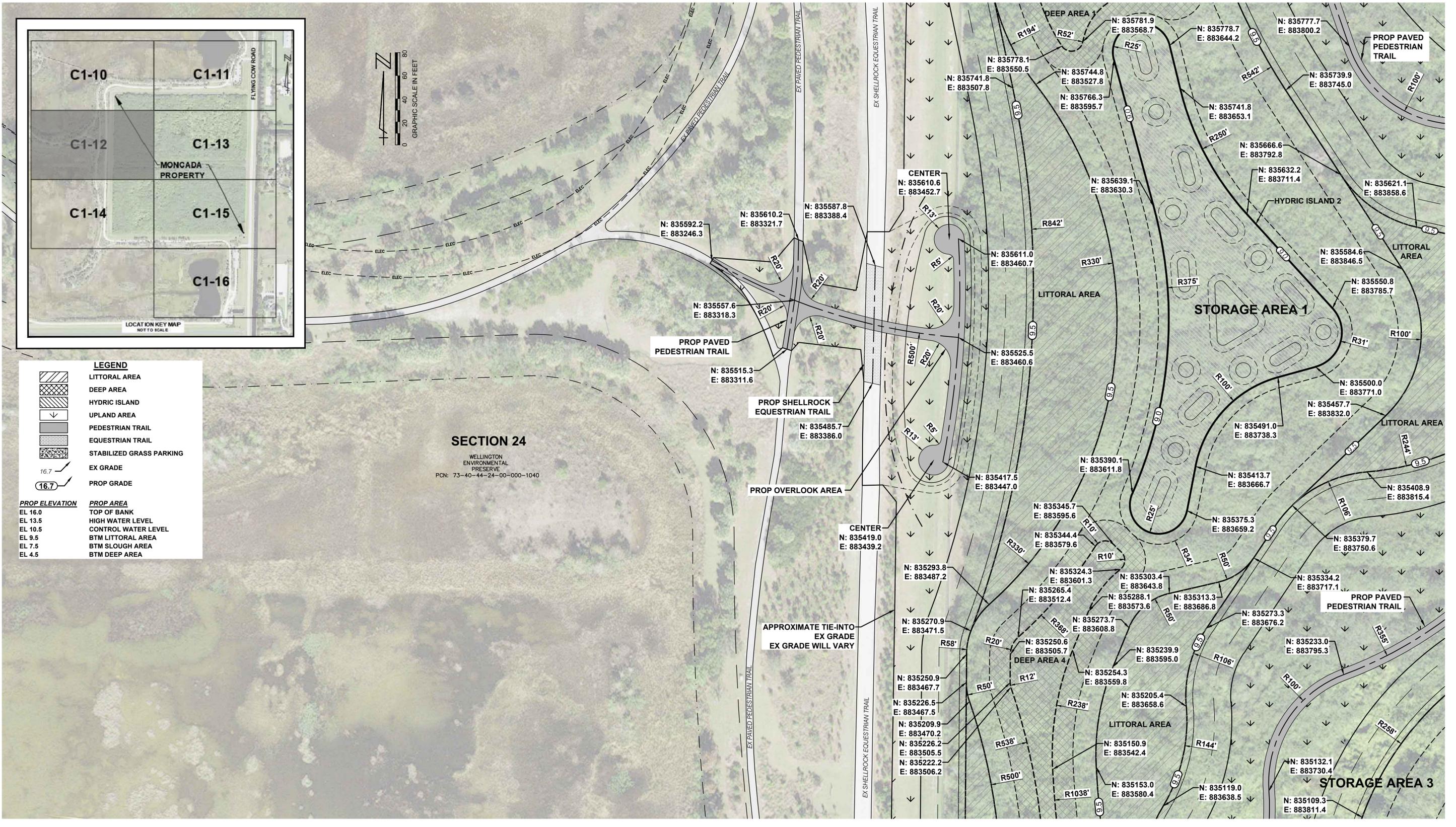
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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**

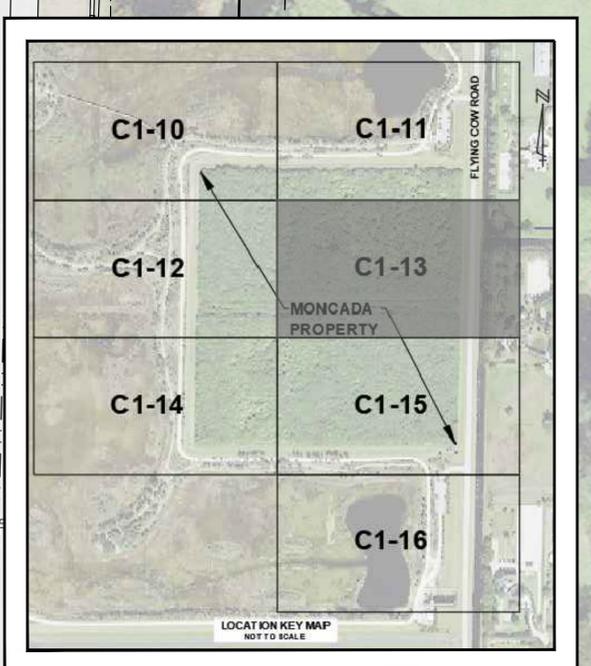
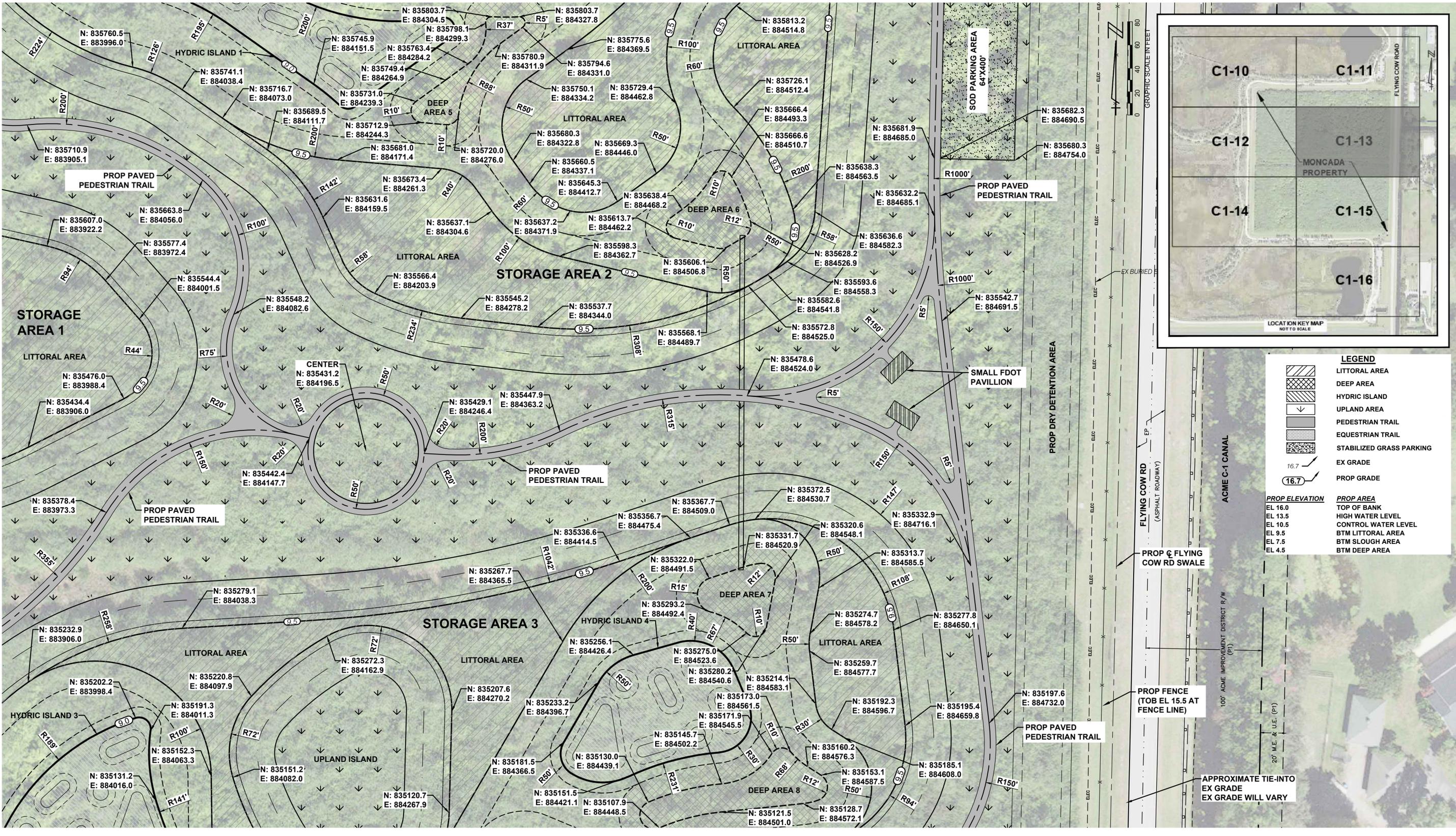
VILLAGE OF WELLINGTON

CONTROL PLAN

JANUARY 2024
C1-12



CADD File: F:\well\mon2\CADD\DWG\MONZCS02_C1-10.dwg
 PLOT DATE: Jan 16, 2024 - 4:35pm
 Bar is equal to one inch on original drawing
 Adjust all scaled dimensions accordingly



LEGEND	
	LITTORAL AREA
	DEEP AREA
	HYDRIC ISLAND
	UPLAND AREA
	PEDESTRIAN TRAIL
	EQUESTRIAN TRAIL
	STABILIZED GRASS PARKING
	EX GRADE
	PROP GRADE
PROP ELEVATION	
EL 16.0	TOP OF BANK
EL 13.5	HIGH WATER LEVEL
EL 10.5	CONTROL WATER LEVEL
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EL 7.5	BTM SLOUGH AREA
EL 4.5	BTM DEEP AREA

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Dwg. No. 44-40-24-11	
Location: PALM BEACH COUNTY, FL	
No.	Date
By	Revision

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JANUARY 2024**

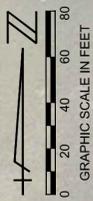
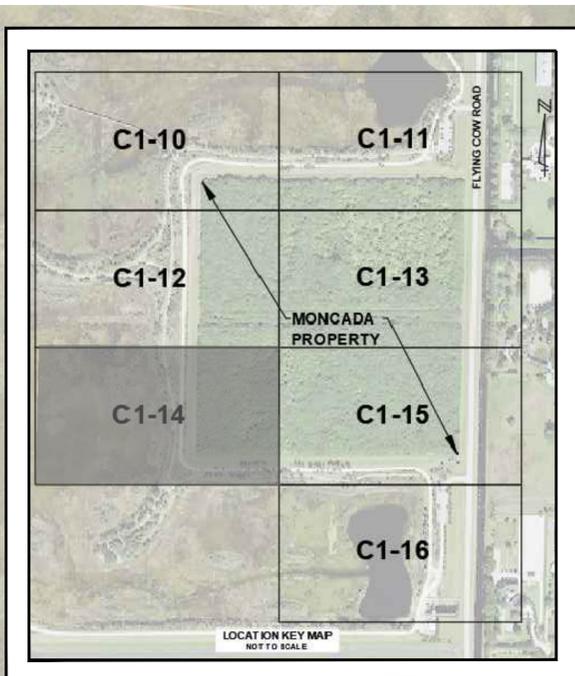
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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**
 VILLAGE OF WELLINGTON

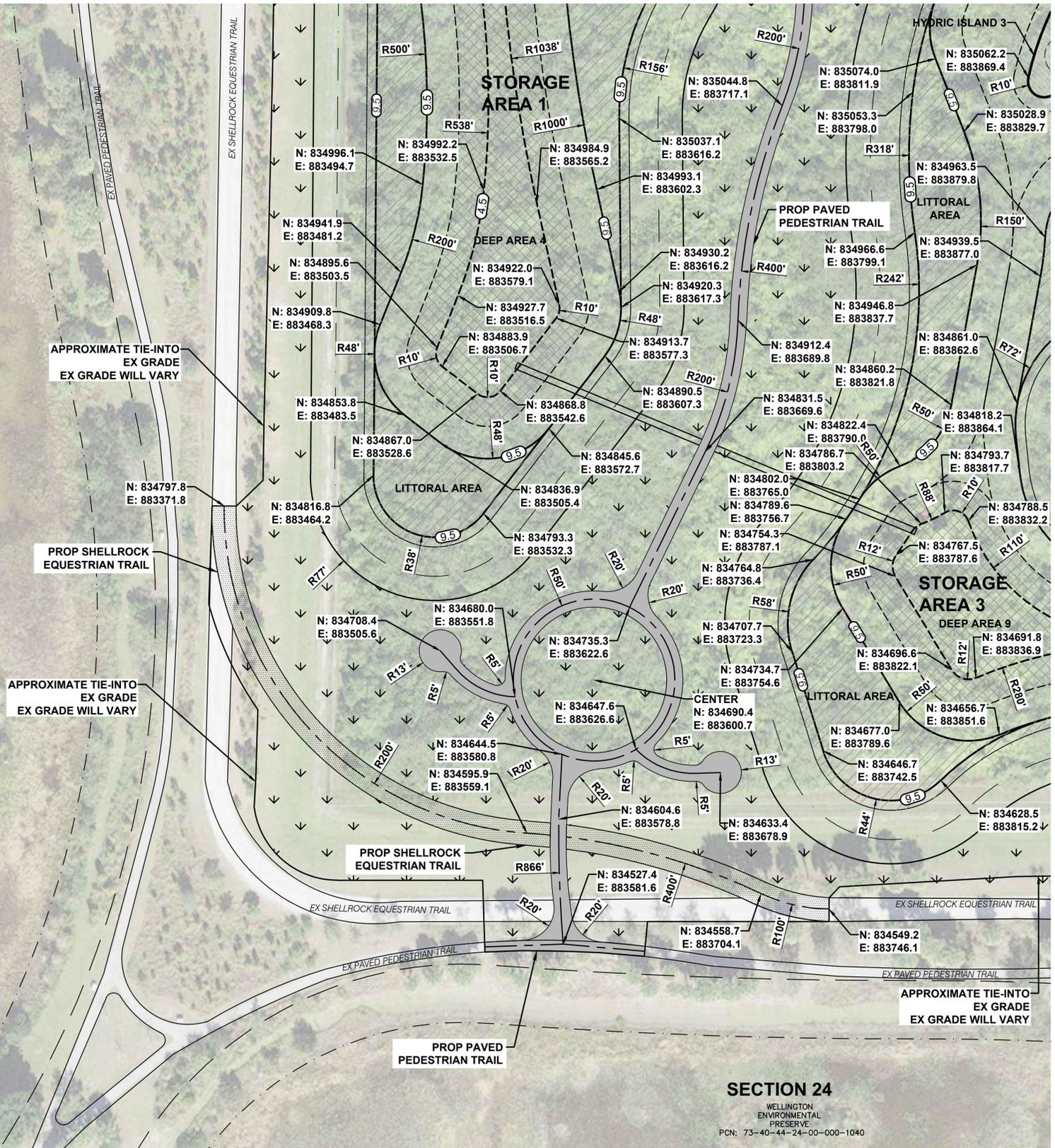
CONTROL PLAN

JANUARY 2024
C1-13



LEGEND	
	LITTORAL AREA
	DEEP AREA
	HYDRIC ISLAND
	UPLAND AREA
	PEDESTRIAN TRAIL
	EQUESTRIAN TRAIL
	STABILIZED GRASS PARKING
	EX GRADE
	PROP GRADE
PROP ELEVATION	PROP AREA
EL 16.0	TOP OF BANK
EL 13.5	HIGH WATER LEVEL
EL 10.5	CONTROL WATER LEVEL
EL 9.5	BTM LITTORAL AREA
EL 7.5	BTM SLOUGH AREA
EL 4.5	BTM DEEP AREA

SECTION 24
WELLINGTON ENVIRONMENTAL PRESERVE
PCN: 73-40-44-24-00-000-1040



SECTION 24
WELLINGTON ENVIRONMENTAL PRESERVE
PCN: 73-40-44-24-00-000-1040

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P.A. No. WE014.40
Dwg. No. 44-40-24-11
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No.	Date	By	Revision

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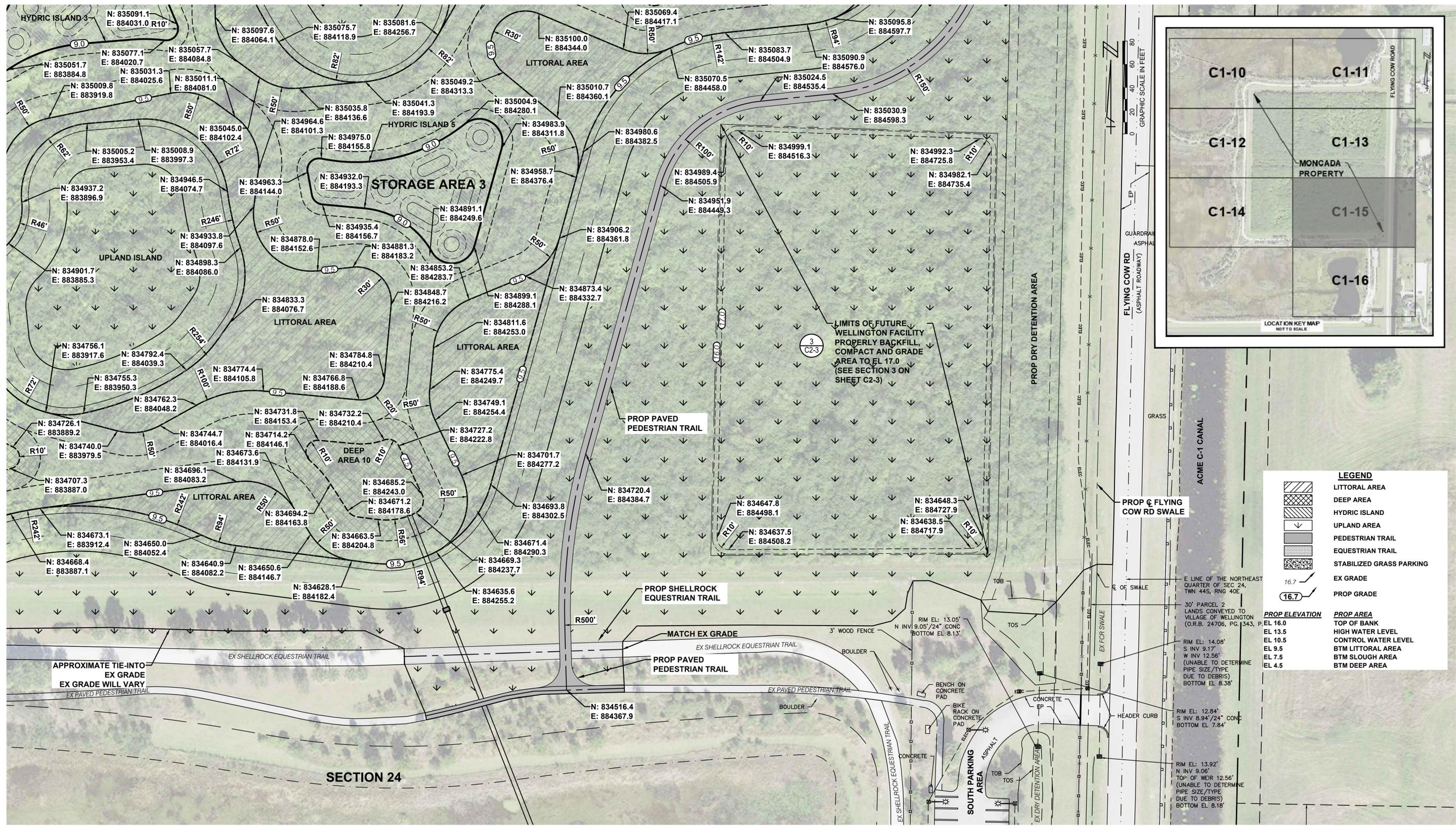
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MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION

VILLAGE OF WELLINGTON

CONTROL PLAN

JANUARY 2024
C1-14



LEGEND

- LITTORAL AREA
- DEEP AREA
- HYDRIC ISLAND
- UPLAND AREA
- PEDESTRIAN TRAIL
- EQUESTRIAN TRAIL
- STABILIZED GRASS PARKING
- EX GRADE
- PROP GRADE

PROP ELEVATION

- EL 16.0
- EL 13.5
- EL 10.5
- EL 9.5
- EL 7.5
- EL 4.5

PROP AREA

- TOP OF BANK
- HIGH WATER LEVEL
- CONTROL WATER LEVEL
- BTM LITTORAL AREA
- BTM SLOUGH AREA
- BTM DEEP AREA

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No.	Date	By	Revision

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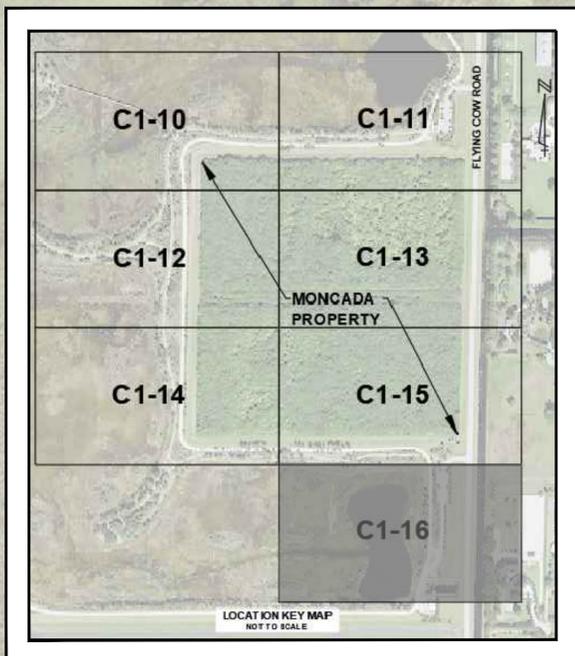
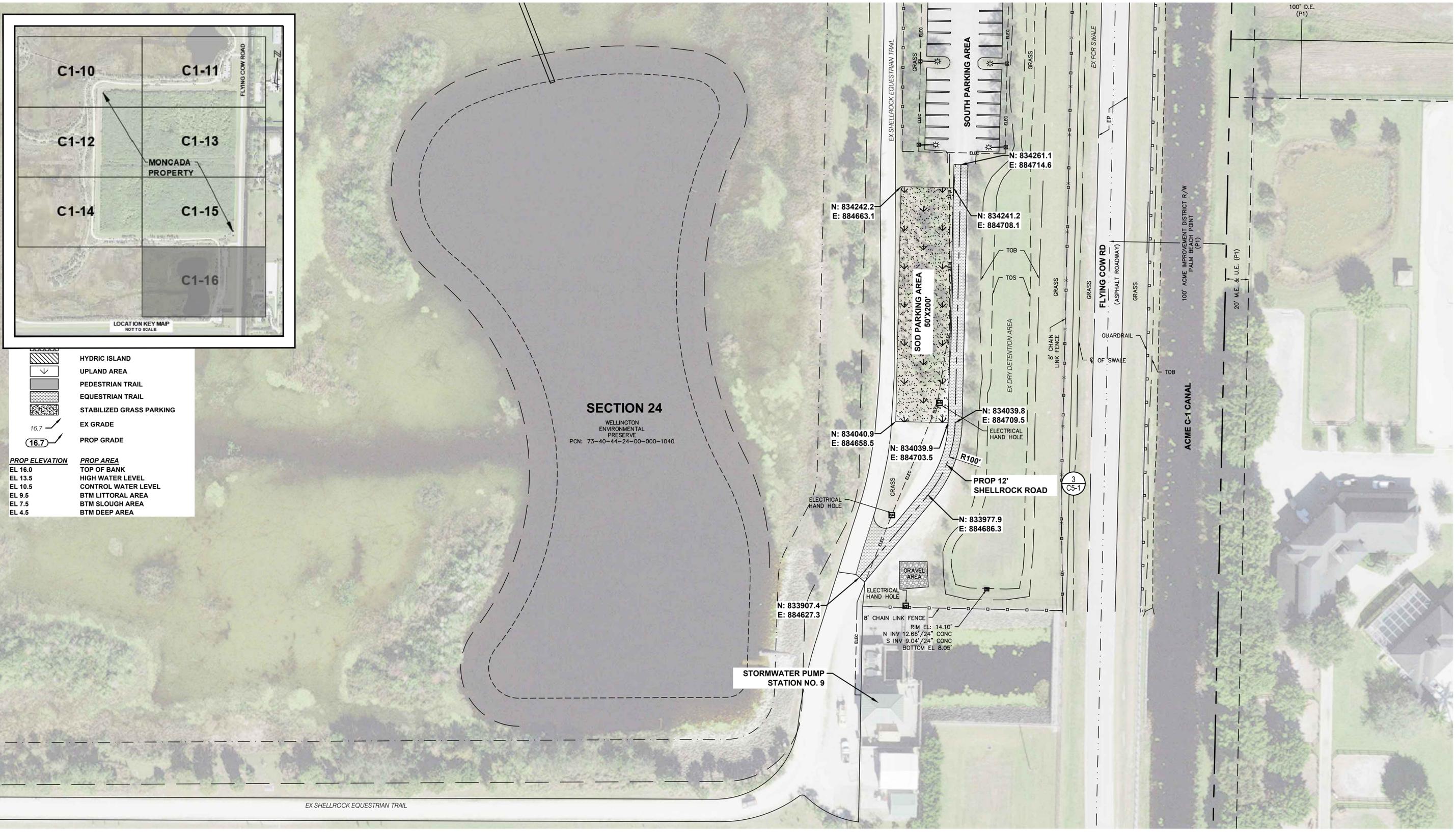
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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**
 VILLAGE OF WELLINGTON

CONTROL PLAN

JANUARY 2024
C1-15



	HYDRIC ISLAND
	UPLAND AREA
	PEDESTRIAN TRAIL
	EQUESTRIAN TRAIL
	STABILIZED GRASS PARKING
	EX GRADE
	PROP GRADE

PROP ELEVATION	PROP AREA
EL 16.0	TOP OF BANK
EL 13.5	HIGH WATER LEVEL
EL 10.5	CONTROL WATER LEVEL
EL 9.5	BTM LITTORAL AREA
EL 7.5	BTM SLOUGH AREA
EL 4.5	BTM DEEP AREA

SECTION 24
 WELLINGTON ENVIRONMENTAL PRESERVE
 PCN: 73-40-44-24-00-000-1040

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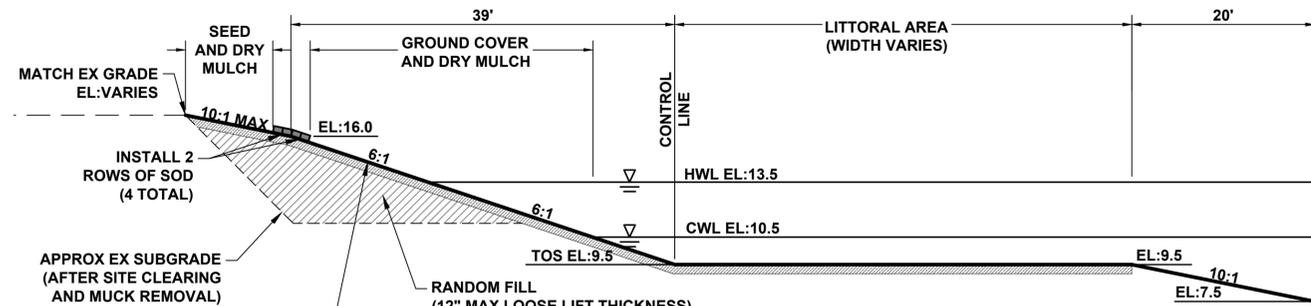
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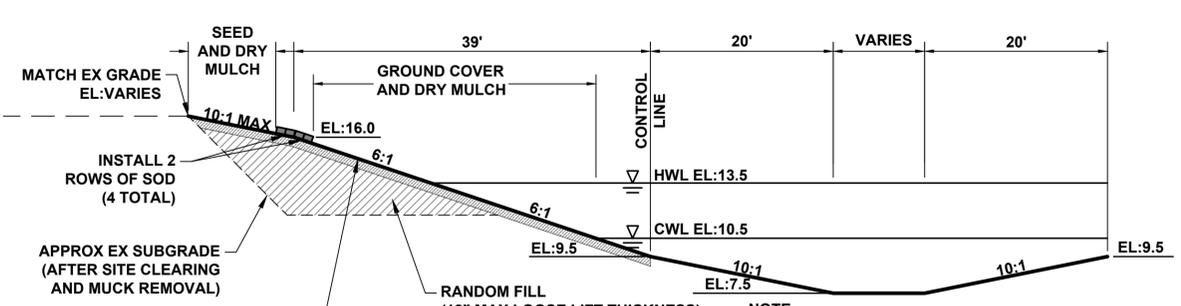
**MONCADA PROPERTY
 SECTION 24
 IMPOUNDMENT EXPANSION**
 VILLAGE OF WELLINGTON

CONTROL PLAN

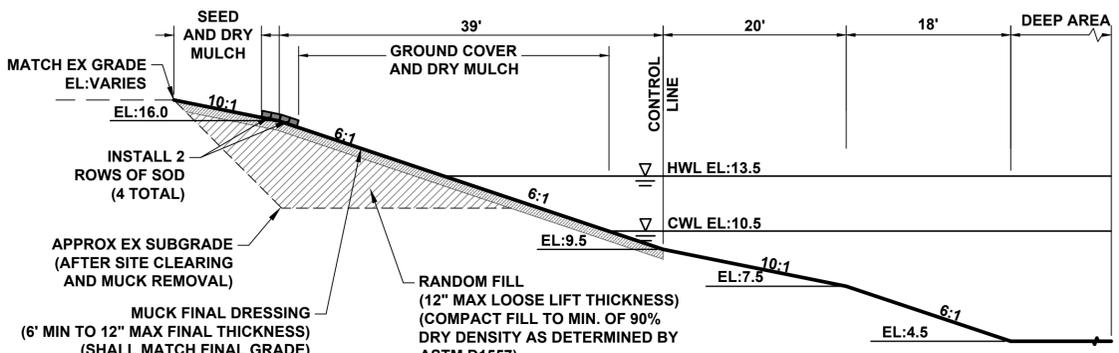
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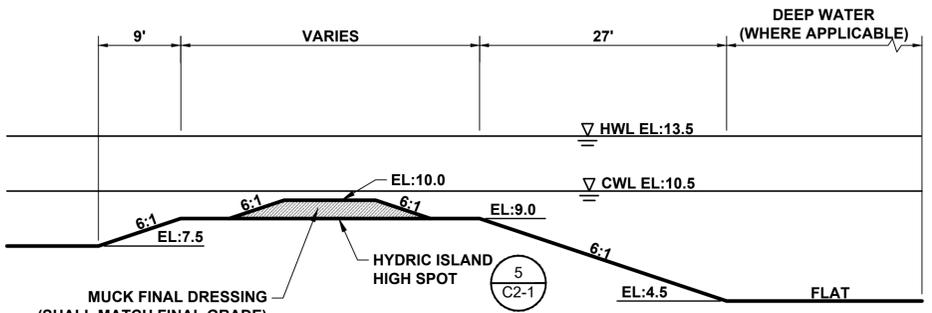
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C2-1 1"=10' HORIZ, 1"=2' VERT



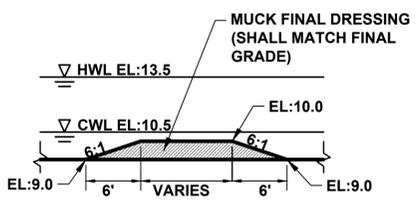
2 STORAGE AREA AND WETLAND SLOUGH TYPICAL SECTION
C2-1 1"=10' HORIZ, 1"=2' VERT



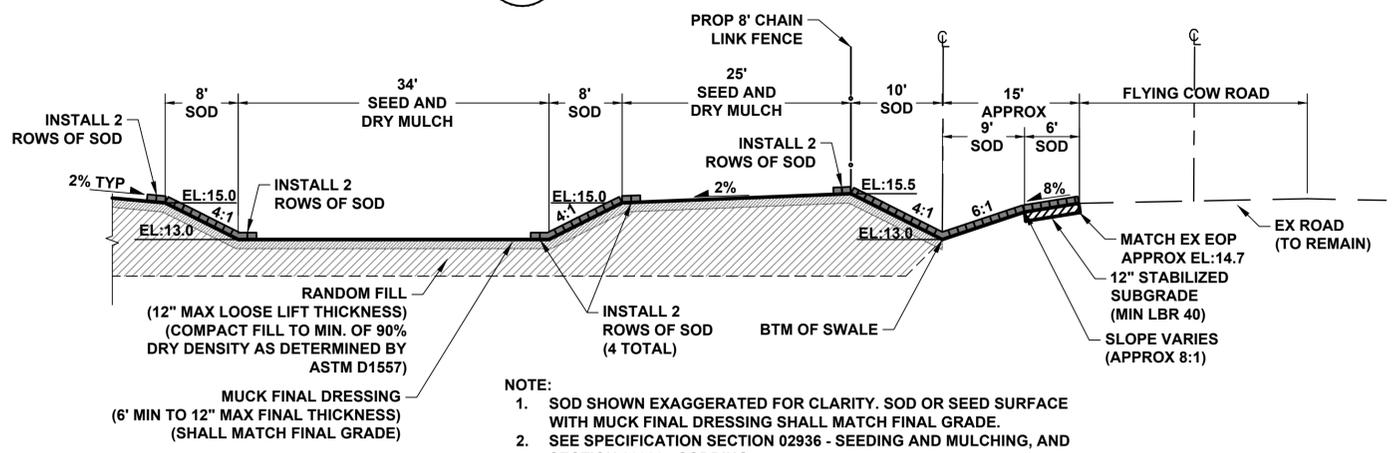
3 STORAGE AREA AND DEEP AREA TYPICAL SECTION
C2-1 1"=10' HORIZ, 1"=2' VERT



4 HYDRIC ISLAND TYPICAL SECTION
C2-1 1"=10' HORIZ, 1"=2' VERT



5 HYDRIC ISLAND HIGH SPOT TYPICAL SECTION
C2-1 1"=10' HORIZ, 1"=2' VERT



6 DRY DETENTION AREA AND FLYING COW ROAD SWALE TYPICAL SECTION
C2-1 1"=10' HORIZ, 1"=2' VERT

CADD File: F:\well\mon2\CADD\DWG\MON2CS02_C2-1.dwg PLOT DATE: Jan 16, 2024 - 4:35pm

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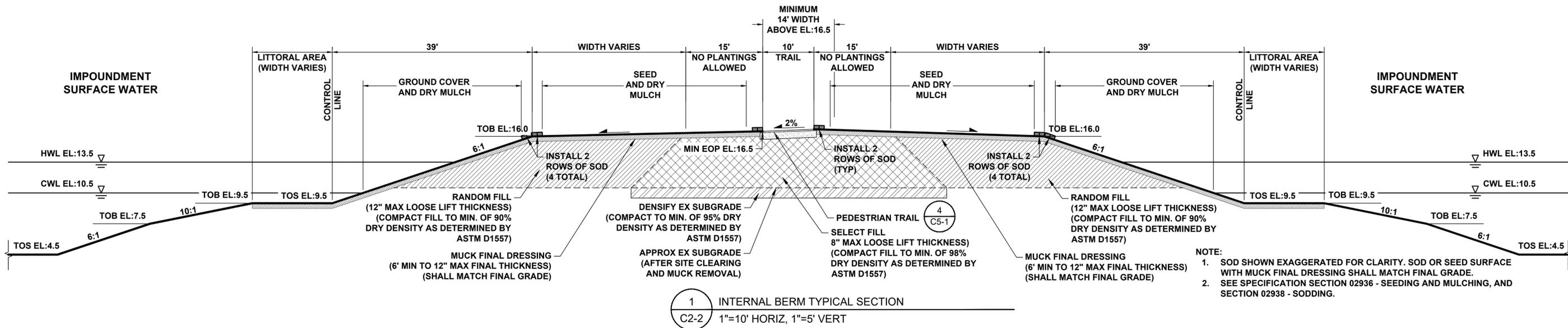
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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**
VILLAGE OF WELLINGTON

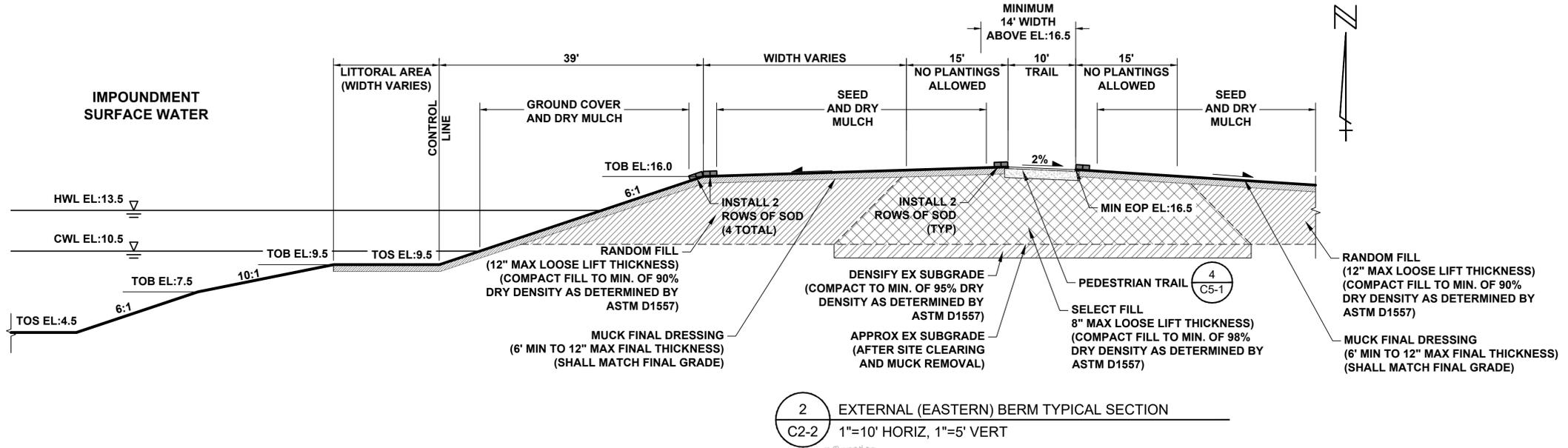
**TYPICAL SECTIONS
C2-1**

JANUARY 2024



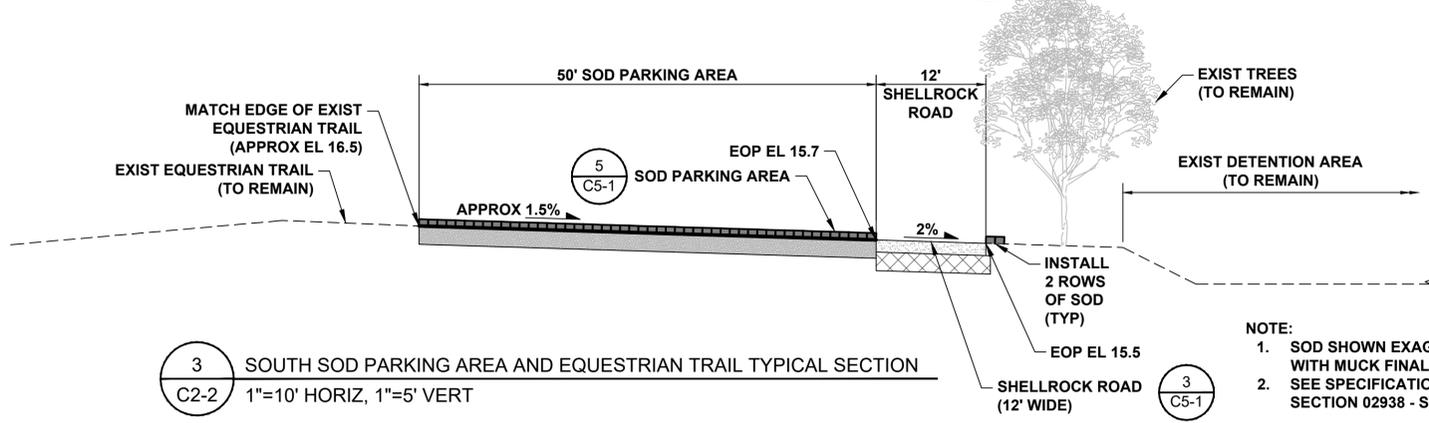
1 INTERNAL BERM TYPICAL SECTION
C2-2 1"=10' HORIZ, 1"=5' VERT

NOTE:
1. SOD SHOWN EXAGGERATED FOR CLARITY. SOD OR SEED SURFACE WITH MUCK FINAL DRESSING SHALL MATCH FINAL GRADE.
2. SEE SPECIFICATION SECTION 02936 - SEEDING AND MULCHING, AND SECTION 02938 - SODDING.



2 EXTERNAL (EASTERN) BERM TYPICAL SECTION
C2-2 1"=10' HORIZ, 1"=5' VERT

NOTE:
1. SOD SHOWN EXAGGERATED FOR CLARITY. SOD OR SEED SURFACE WITH MUCK FINAL DRESSING SHALL MATCH FINAL GRADE.
2. SEE SPECIFICATION SECTION 02936 - SEEDING AND MULCHING, AND SECTION 02938 - SODDING.

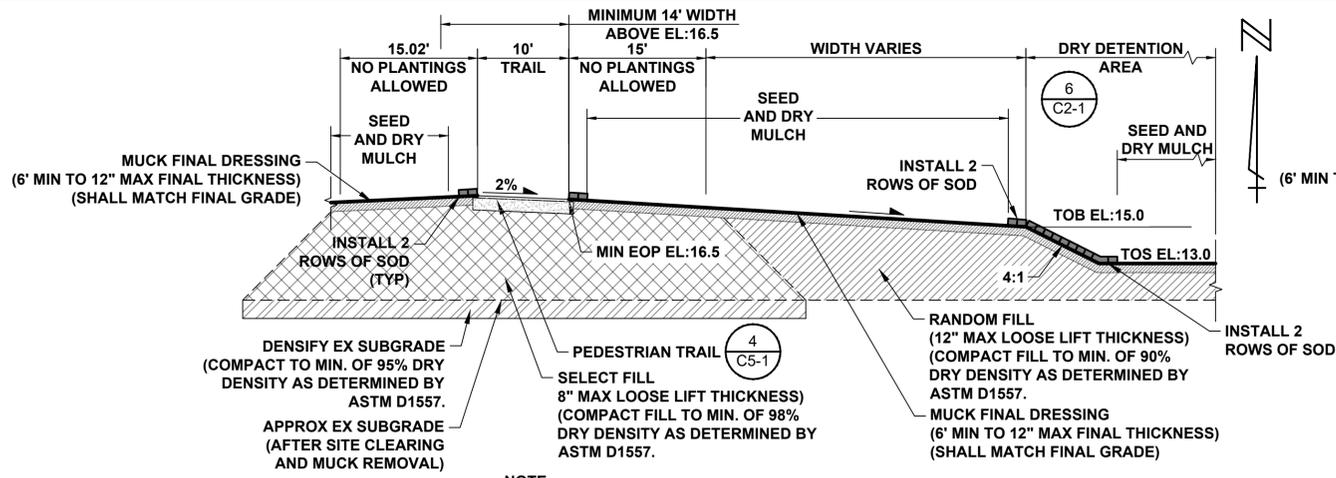


3 SOUTH SOD PARKING AREA AND EQUESTRIAN TRAIL TYPICAL SECTION
C2-2 1"=10' HORIZ, 1"=5' VERT

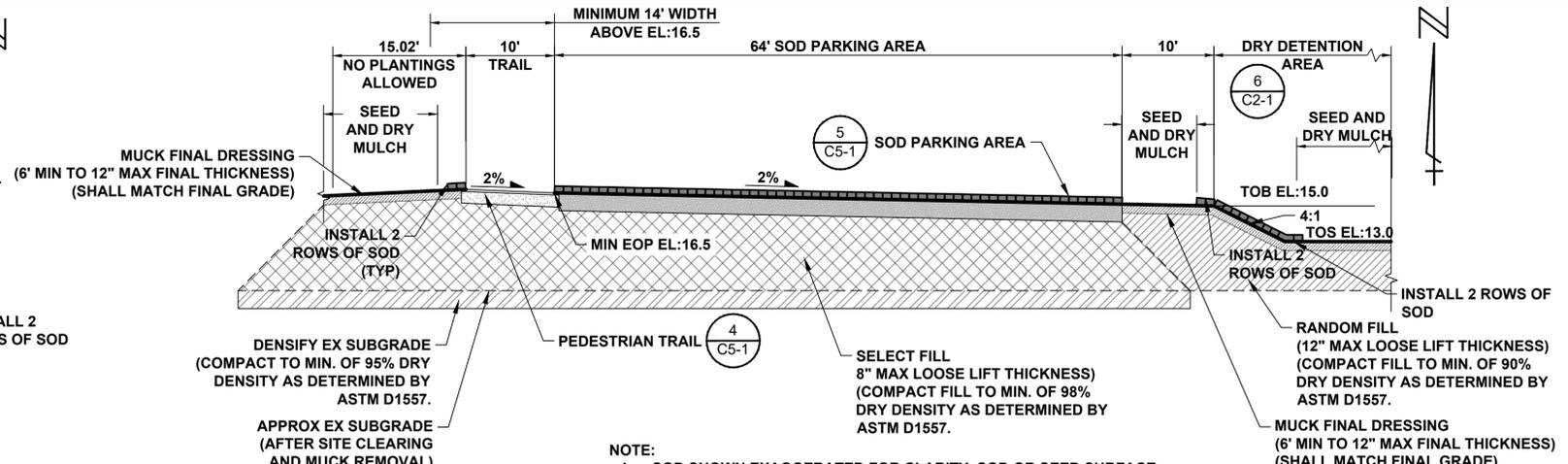
NOTE:
1. SOD SHOWN EXAGGERATED FOR CLARITY. SOD OR SEED SURFACE WITH MUCK FINAL DRESSING SHALL MATCH FINAL GRADE.
2. SEE SPECIFICATION SECTION 02936 - SEEDING AND MULCHING, AND SECTION 02938 - SODDING.

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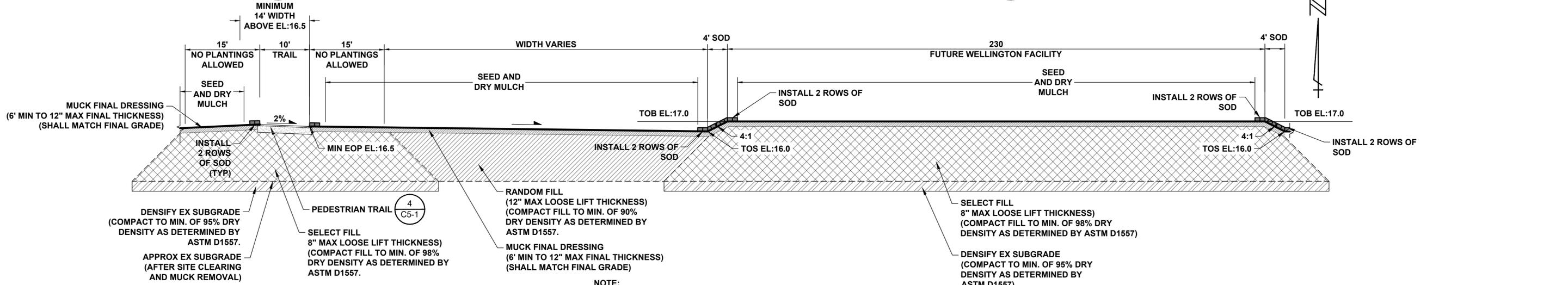
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No.	Date	By	Revision	Date	Florida Reg. No. 48	Florida L.B. No. 48	VILLAGE OF WELLINGTON	



1 EXTERNAL BERM ADJACENT TO DRY DETENTION AREA TYPICAL SECTION
 C2-3 1"=10' HORIZ, 1"=5' VERT



2 EXTERNAL BERM ADJACENT TO SOD PARKING AREA TYPICAL SECTION
 C2-3 1"=10' HORIZ, 1"=5' VERT



3 EXTERNAL BERM ADJACENT TO FUTURE FACILITY
 C2-3 1"=10' HORIZ, 1"=5' VERT

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No.	Date	By	Revision

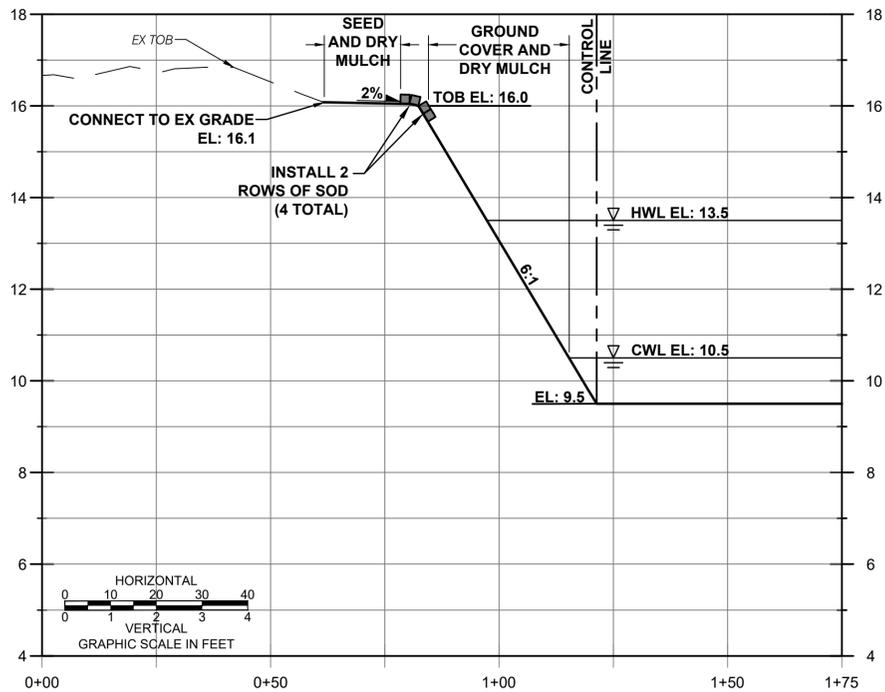
**BID SET
JANUARY 2024**

SEAL
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 Florida P.E. No. 86558
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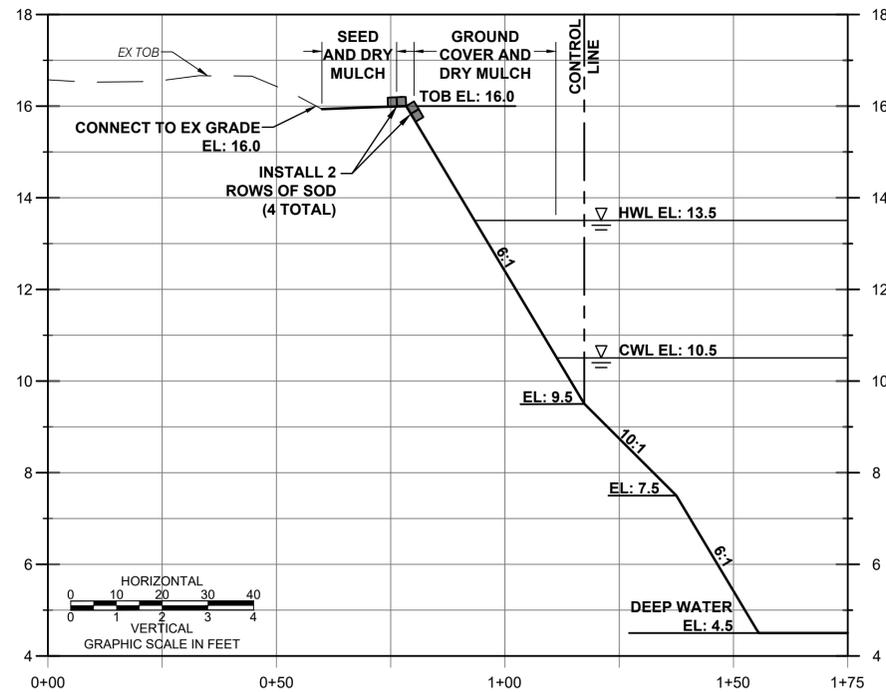
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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**
 VILLAGE OF WELLINGTON

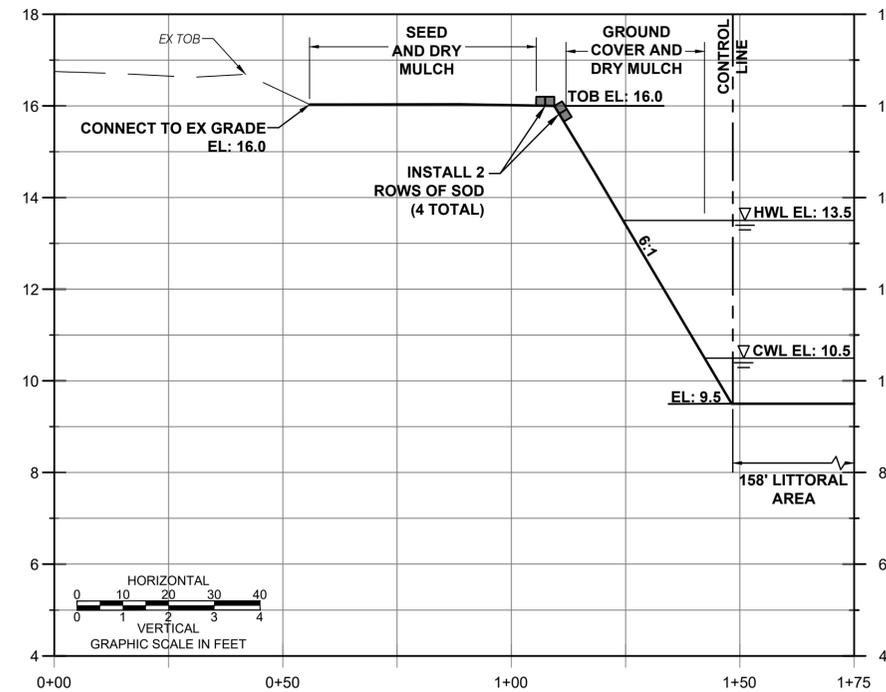
TYPICAL SECTIONS
C2-3
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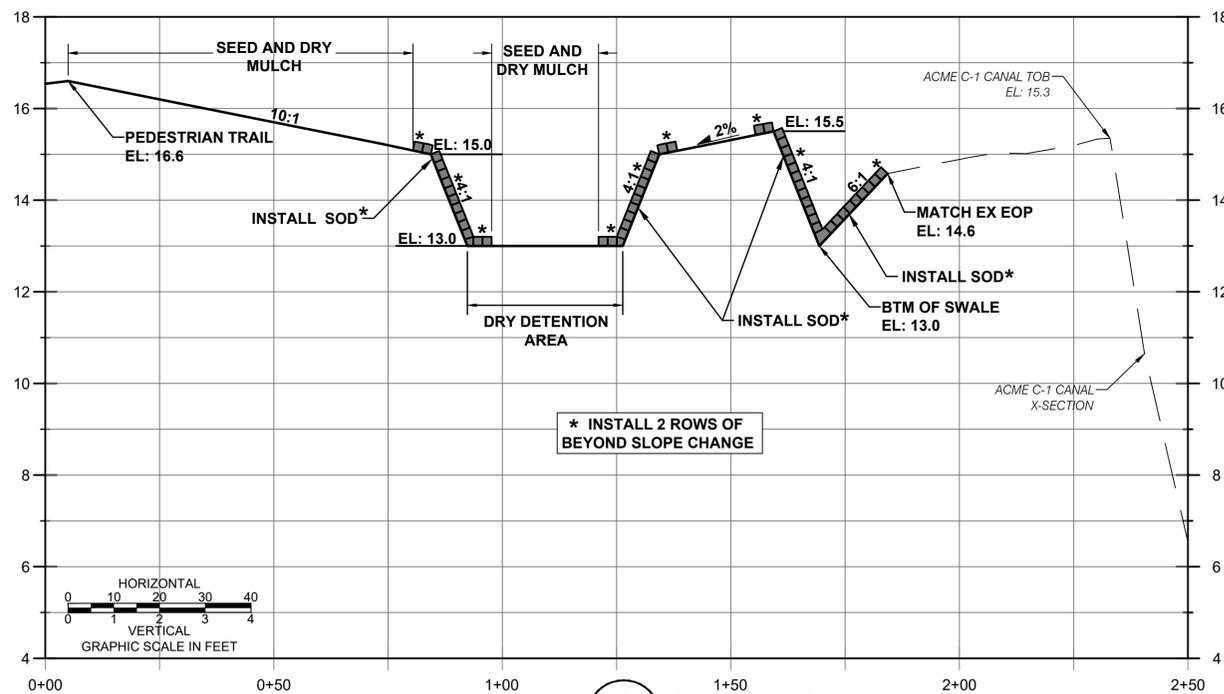
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C2-4



B CROSS SECTION
C2-4

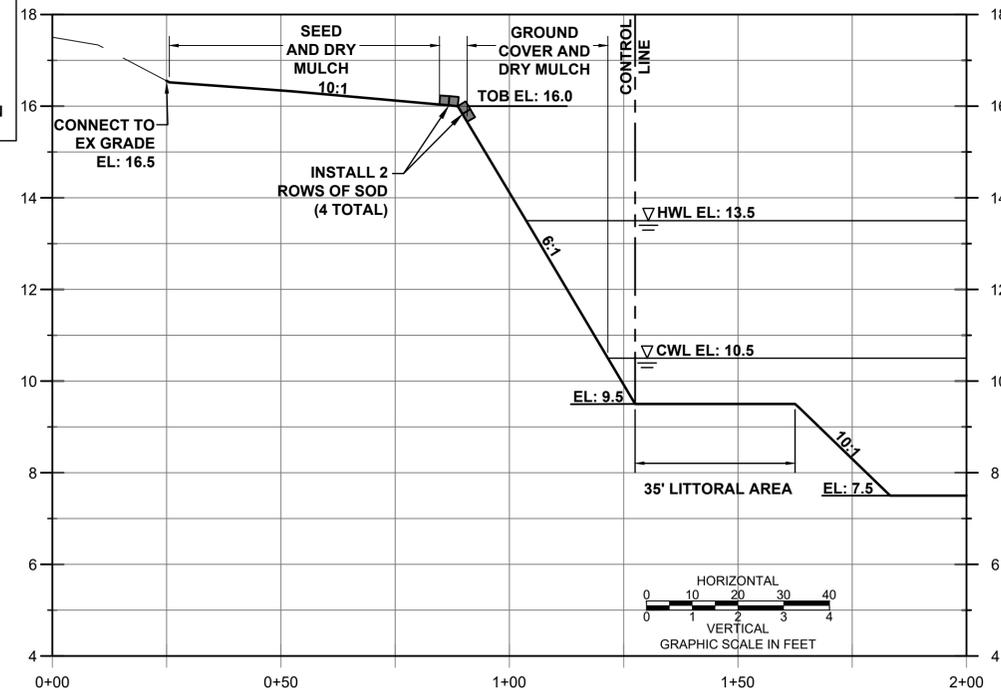


C CROSS SECTION
C2-4



D CROSS SECTION
C2-4

NOTE:
 1. SOD SHOWN EXAGGERATED FOR CLARITY. SOD OR SEED SURFACE WITH MUCK FINAL DRESSING SHALL MATCH FINAL GRADE.
 2. SEE SPECIFICATION SECTION 02936 - SEEDING AND MULCHING, AND SECTION 02938 - SODDING.



E CROSS SECTION
C2-4

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Vertical Datum: NAVD88			
P.A. No. WE014.40			
Dwg. No. 44-40-24-11			
Location: PALM BEACH COUNTY, FL			
No.	Date	By	Revision

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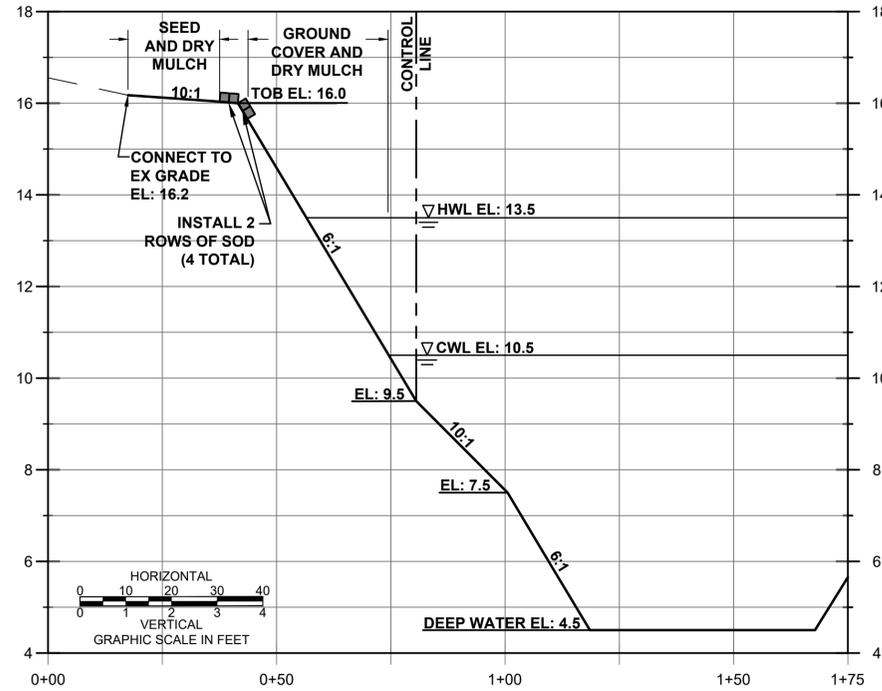
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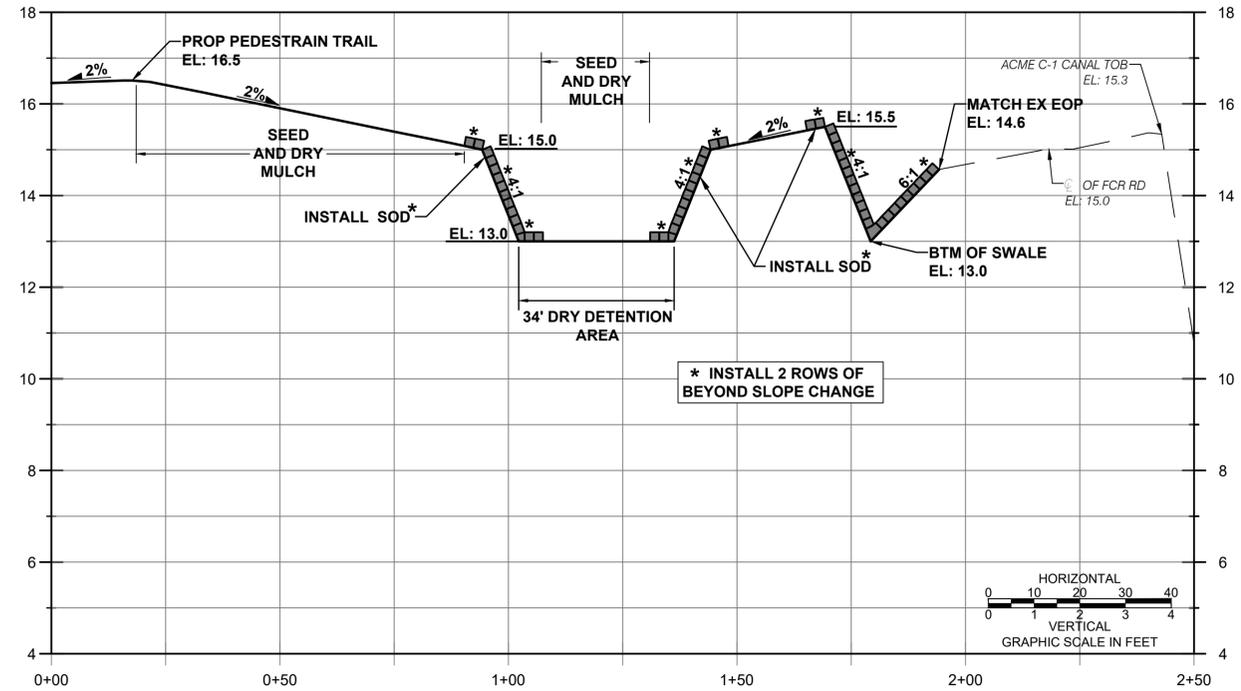
**MONCADA PROPERTY
 SECTION 24
 IMPOUNDMENT EXPANSION**
 VILLAGE OF WELLINGTON

CROSS SECTIONS

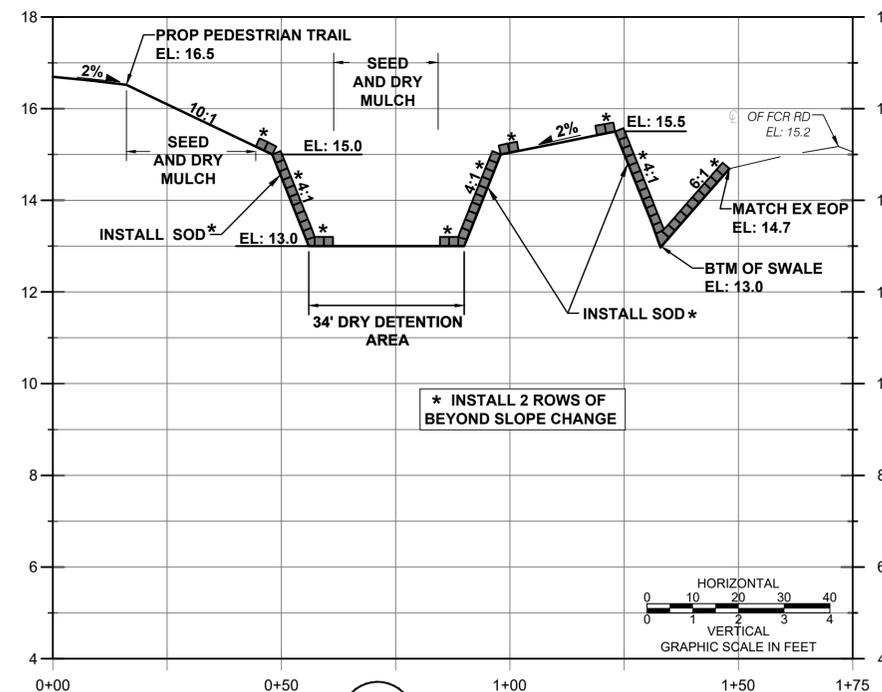
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C2-4



F CROSS SECTION
C2-5

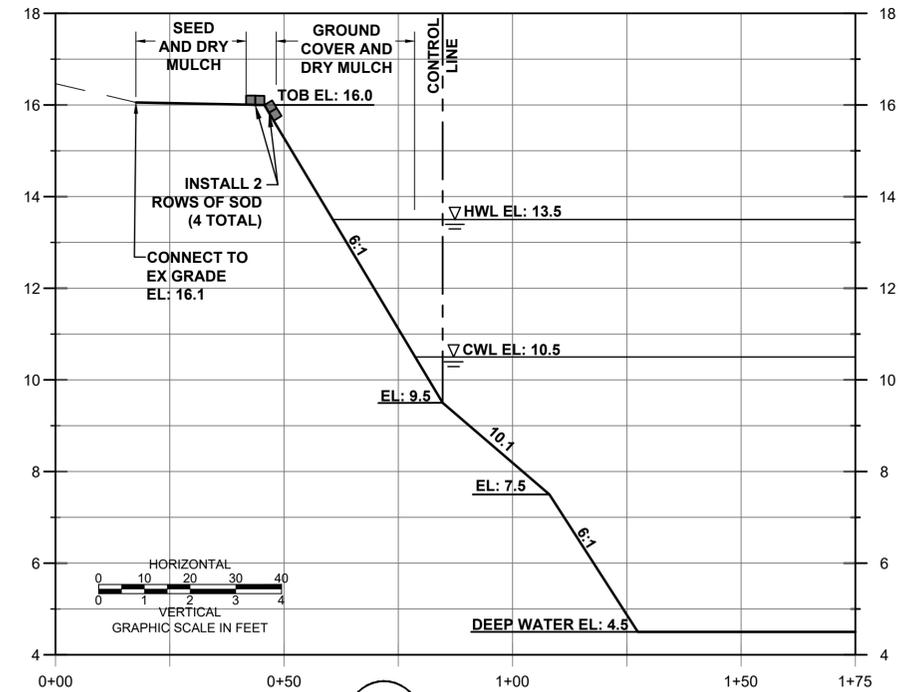


G CROSS SECTION
C2-5



H CROSS SECTION
C2-5

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I CROSS SECTION
C2-5

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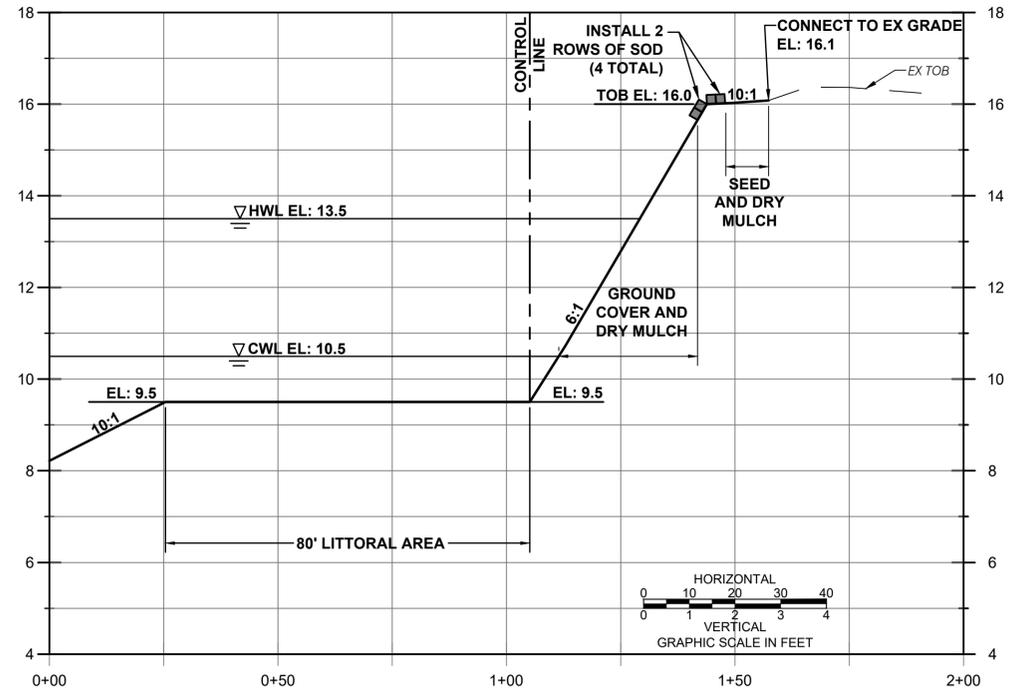
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IMPOUNDMENT EXPANSION**

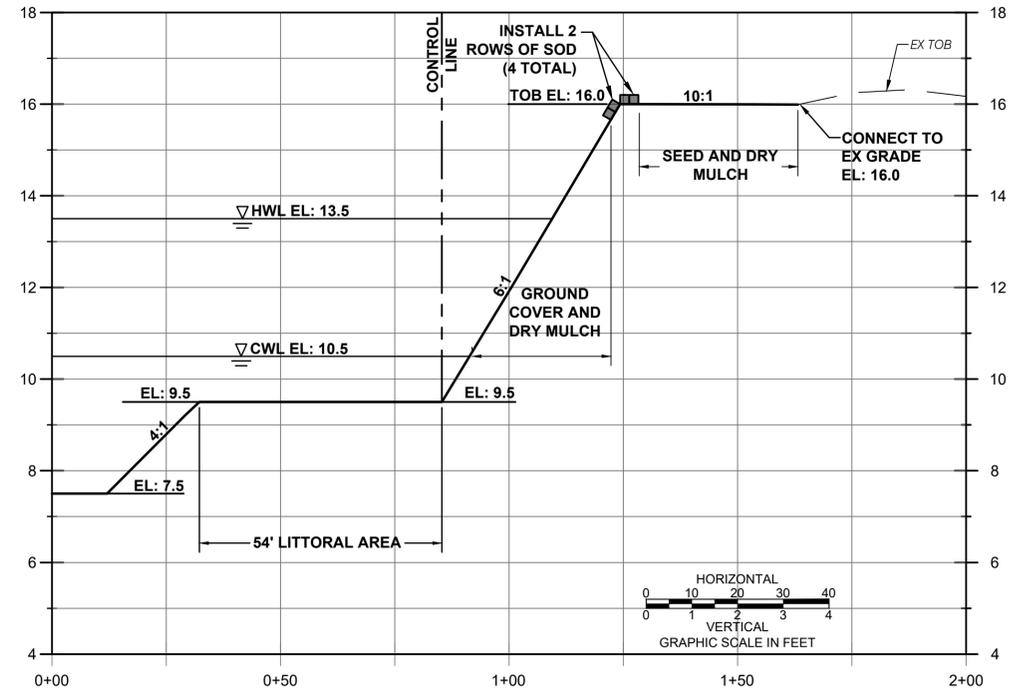
VILLAGE OF WELLINGTON

CROSS SECTIONS

JANUARY 2024
C2-5

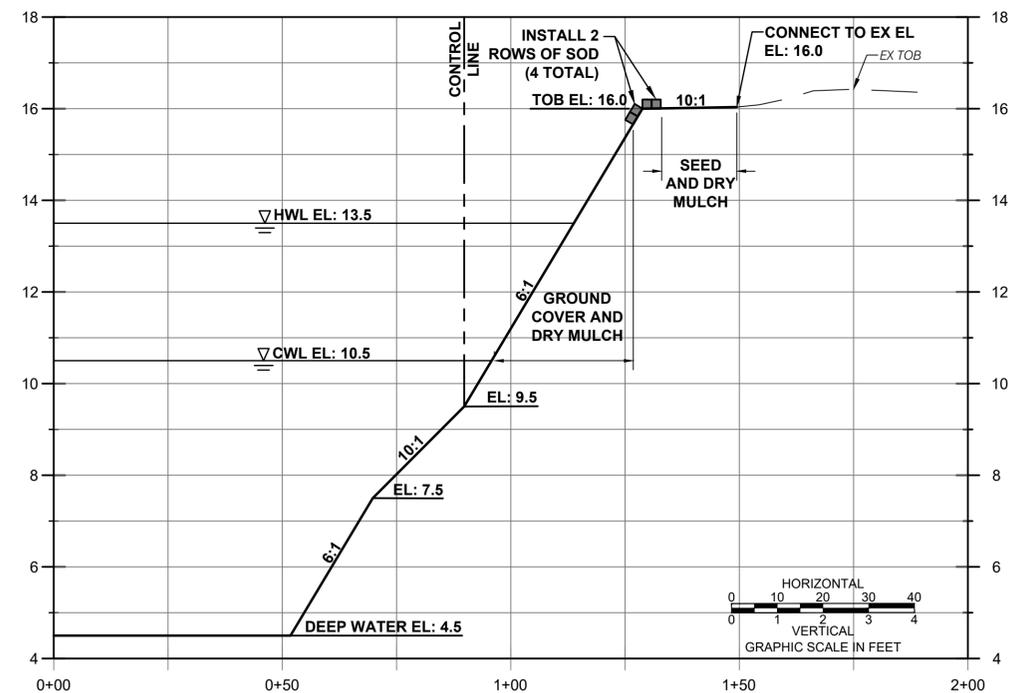


J CROSS SECTION
C2-6

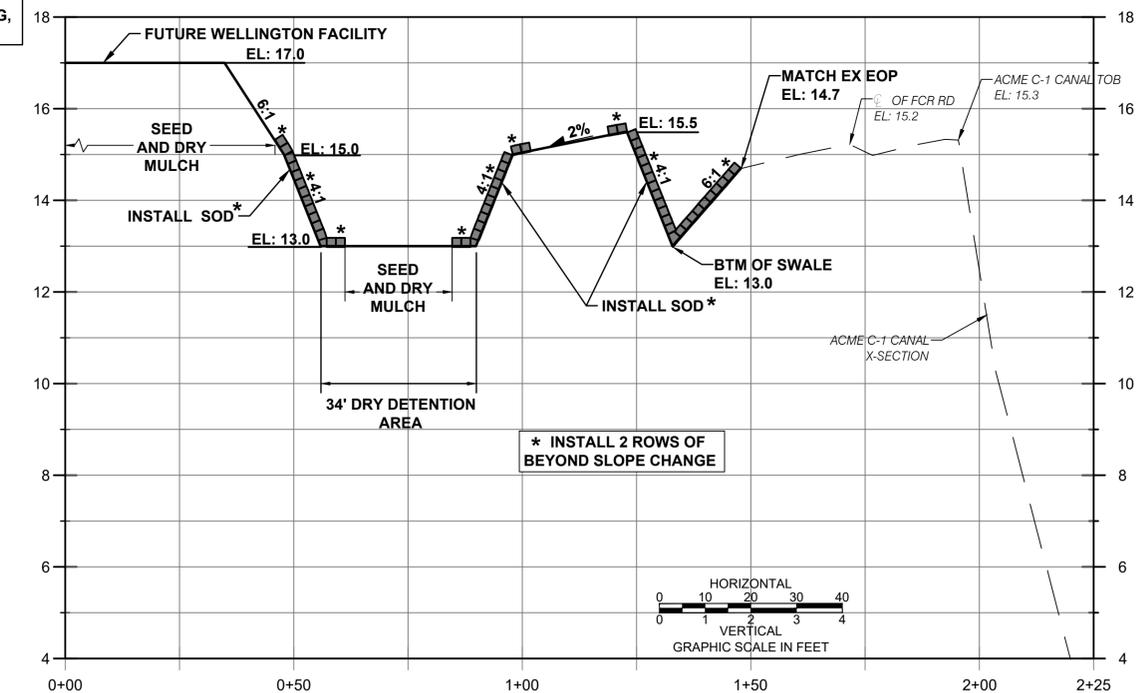


K CROSS SECTION
C2-6

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L CROSS SECTION
C2-6



M CROSS SECTION
C2-6

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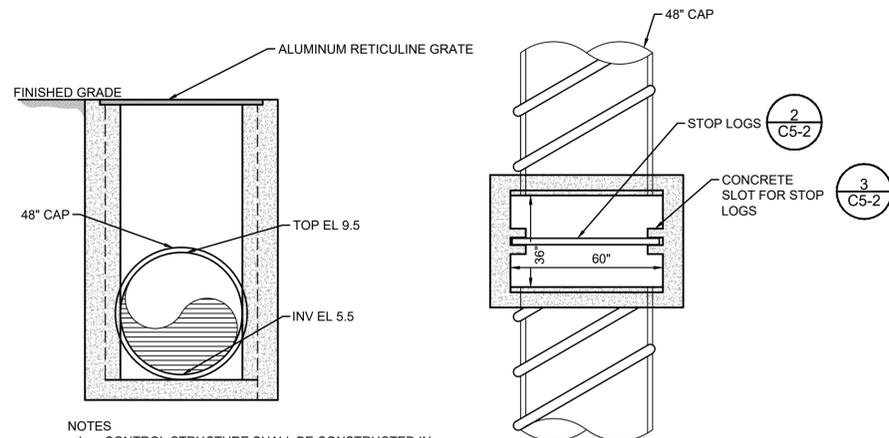
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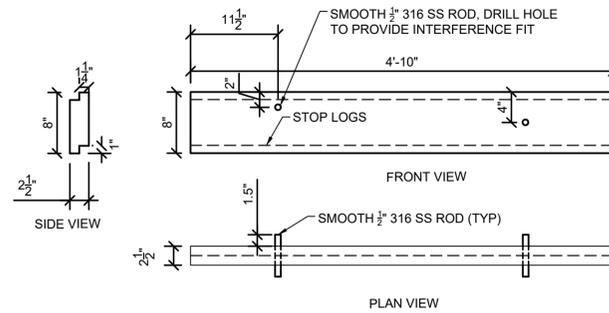
CROSS SECTIONS

JANUARY 2024
C2-6



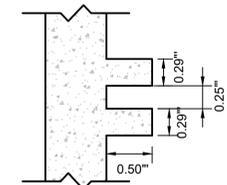
- NOTES:
- CONTROL STRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH DITCH BOTTOM INLET TYPE E PER FDOT INDEX NO. 425-052 EXCEPT WITH DIMENSIONS AS SHOWN.
 - COAT ALL ENDS OF 48" CAP IN CONTACT WITH CONCRETE WITH COAL TAR EPOXY 3' PAST OUTSIDE EDGE OF STRUCTURE.

1 CONTROL STRUCTURE
C5-2 NTS



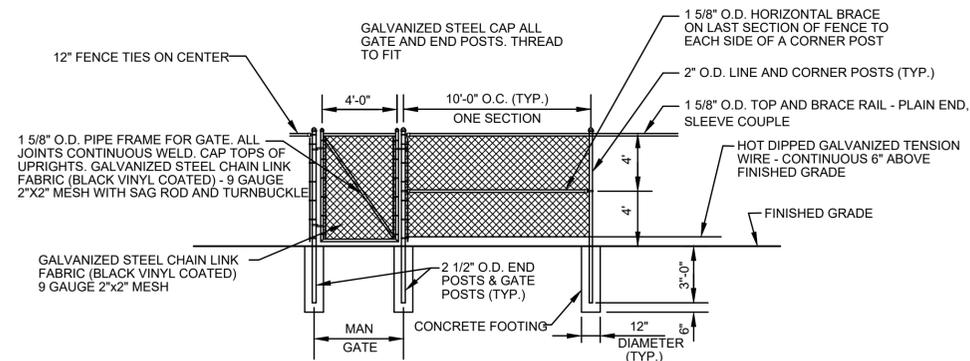
- NOTES:
- DRILL AND INSTALL ROD. ROD USED TO PLACE AND REMOVE STOP LOGS.
 - STOP LOGS SHALL HAVE NO THROUGH KNOT HOLES.
 - STOP LOGS SHALL BE SOUTHERN PINE #2 TREATED IN ACCORDANCE WITH AWPA STANDARD U1, COMMODITY SPECIFICATION A, TO THE REQUIREMENTS OF USE CATEGORY 4 (UC4).

2 CONTROL STRUCTURE STOP LOGS
C5-2 NTS



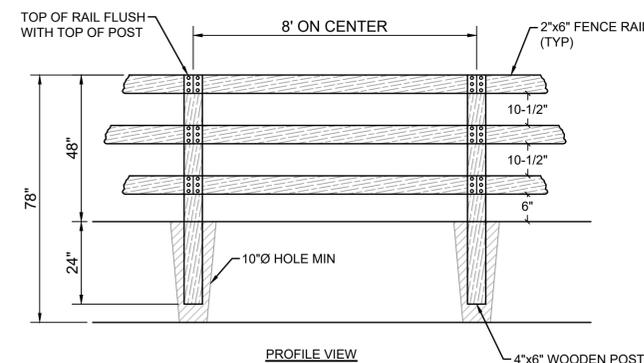
- NOTE:
- SLOT SHALL BE PRECAST WITH CONCRETE STRUCTURE.

3 CONTROL STRUCTURE SLOT
C5-2 NTS



- NOTES:
- ALL POSTS SHALL BE CAPPED WITH GALVANIZED STEEL TOPS. LINE POST TOPS SHALL PROVIDE FOR PASSAGE OF TOP RAIL.
 - #9 TENSION WIRE FROM END POST TO END POST. THE TENSION WIRE SHALL TERMINATE AT EACH END POST.
 - HARDWARE PER MANUFACTURER'S RECOMMENDATIONS.
 - ALL GALVANIZED STEEL PIPES, BARS, TOPS, POSTS, ETC. SHALL BE BLACK VINYL COATED.

4 TYPICAL FENCE AND 4' WIDE MAN GATE
C5-2 NTS



- NOTES:
- ALL WOOD SHALL BE PRESSURE TREATED.
 - ALL FACE PLATES & FENCE RAILS SHALL FACE THE 'STREET SIDE' OF THE POSTS.
 - FASTENERS TO BE 3-1/2", T-25 STAR DRIVE, EXTERIOR SCREWS WITH LIFETIME CORROSION RESISTANT COATING.
 - WOODEN POST TO BE DIRECT BURIED IN GROUND.

5 3-RAIL WOODEN FENCE
C5-2 NTS

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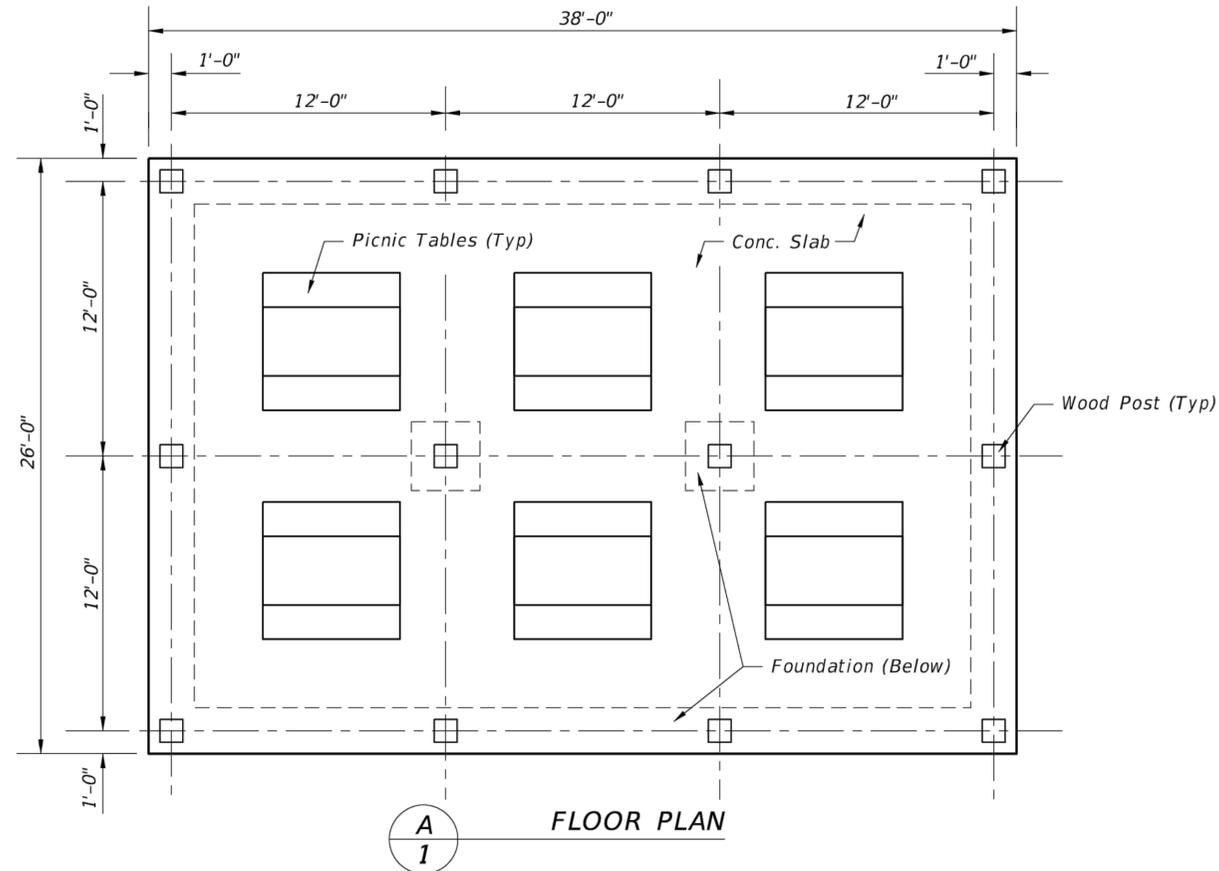
MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION

VILLAGE OF WELLINGTON

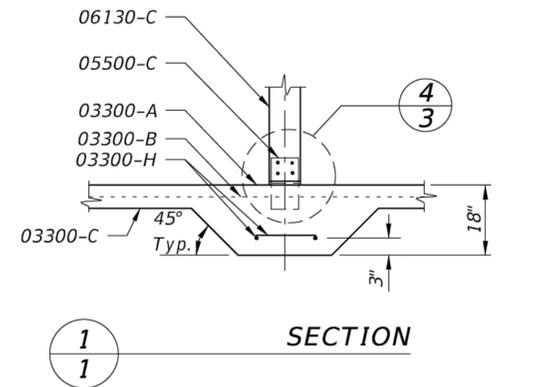
DETAILS

JANUARY 2024

C5-2

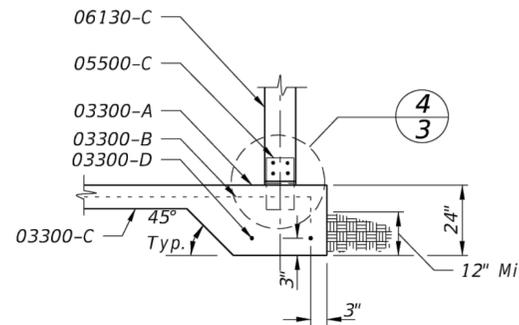


LARGE PAVILION



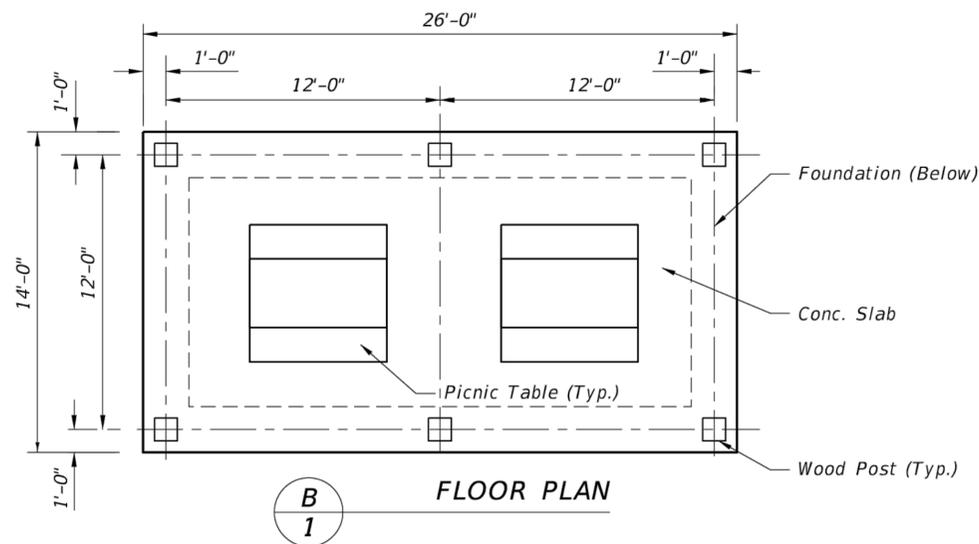
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1
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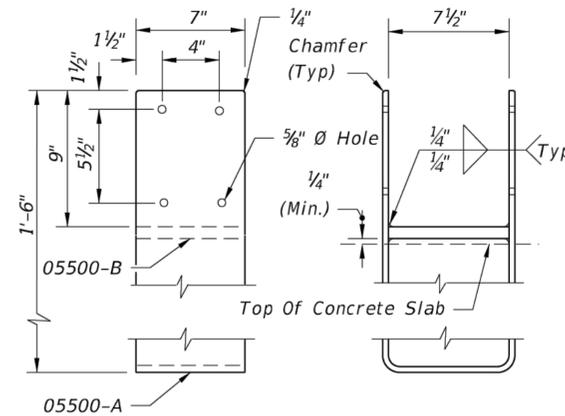


SECTION

2
1



SMALL PAVILION



POST BASE DETAIL

3
1

NOTE:
CONTRACTOR SHALL PREPARE, PERMIT, AND SUBMIT DESIGN FOR SMALL PAVILION (INCLUDING PICNIC TABLES) PER FDOT INDEX NO. 530 IN FDOT DESIGN STANDARDS (FY 2017 - 2018) FOR OWNER APPROVAL. SUBMITTAL SHALL BE SIGNED AND SEALED BY A QUALIFIED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA, AND COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.

NOTES
Keynotes on sheet 2.

FLOOR
6" reinf. concrete slab
w/ WWR 6x6-W1.4xW1.4

Drop footing at slab
perimeter & interior posts see keynotes.

Harden & broom finish slab surface.

STRUCTURE
Posts: 8 x 8 PT
Beams: 4 x 6 PT
Framing: 4x PT as described.
Misc members: 1x and 2x as described.

ROOF
3"x6" T&G wood decking.
30# asphalt impregnated fiberglass felt underlayment.
Standing seam metal roof (24 GA Steel or 0.032 Alum.) w/ Kynar 500 finish.
Structure, decking and roofing shall be designed to withstand 130 mph wind load.

BUILDING CODE
Picnic pavilions shall be constructed according to the requirements of the appropriate sections of the "Florida Building Code", current, adopted edition.

PICNIC TABLES
Picnic tables and benches shall be 6'x6' w/heavy galvanized pipe frames and recycled plastic wood seats and table tops. All tables shall be of walk thru design suitable for exterior locations. Pavilions shall meet the requirements of the Americans With Disabilities Act (ADA) accessibility guidelines. A minimum of 20% of picnic tables to meet ADA.

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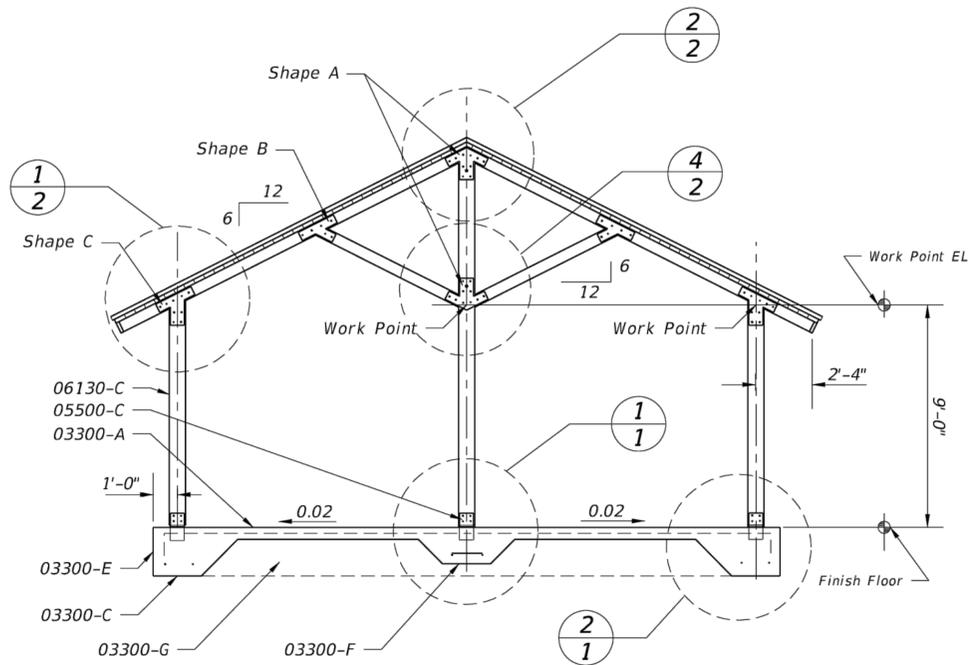
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SECTION 24
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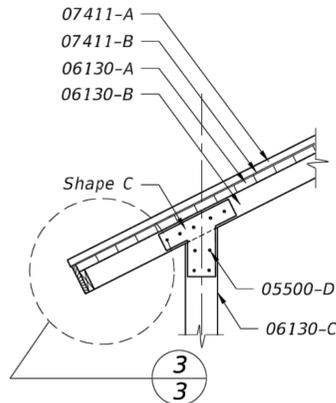
FDOT DETAILS

JANUARY 2024
C5-3

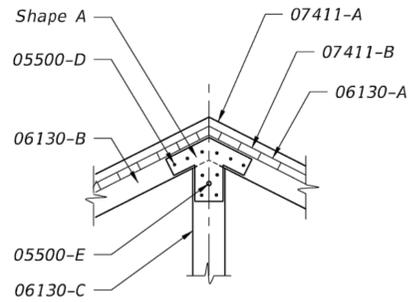
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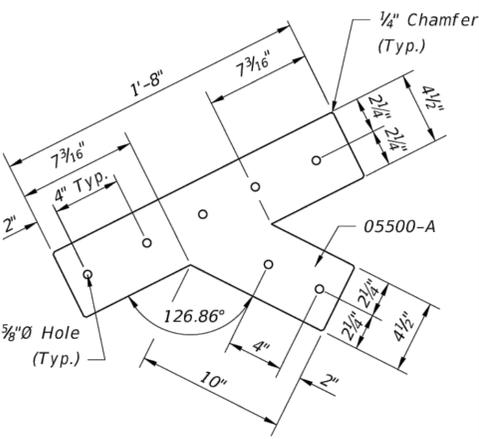
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 LARGE PAVILION SECTION



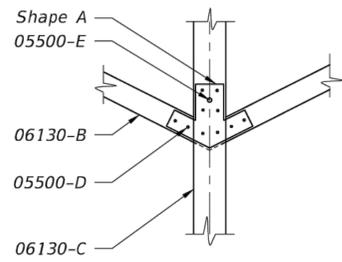
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 SHAPE B DETAIL



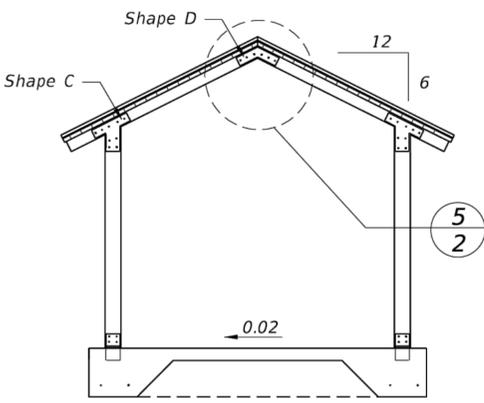
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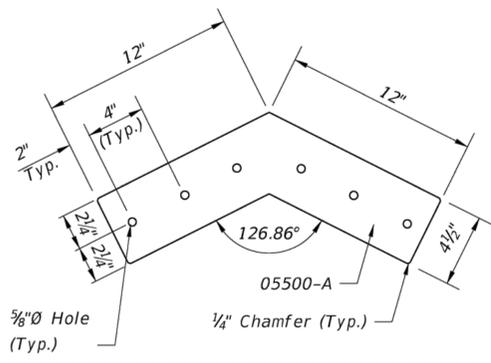
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 SHAPE C DETAIL



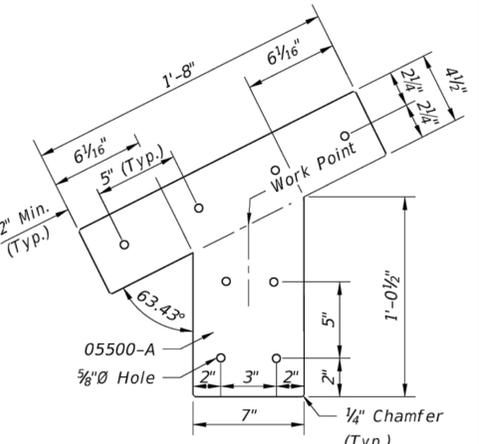
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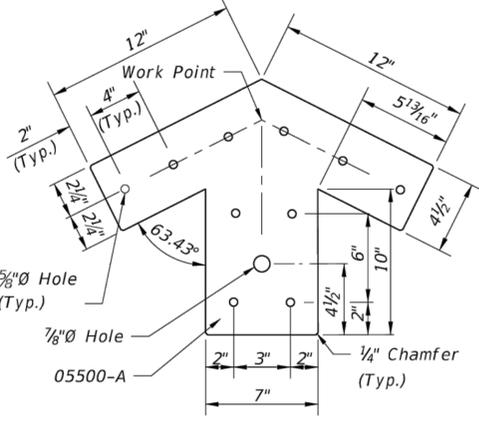
B
 2
 SMALL PAVILION SECTION



5
 2
 SHAPE D DETAIL



6
 2
 SHAPE C DETAIL



7
 2
 SHAPE A DETAIL

- KEYNOTES**
- 03300-A Class II 6" conc slab
 - 03300-B 6"x6"-W1.4xW1.4 @ ϕ of slab
 - 03300-C 6 mil vapor barrier
 - 03300-D #5 rebar cont. (2 required)
 - 03300-E 24" cont. drop footing
 - 03300-F 18"x18" drop footing
 - 03300-G 6" min comp sand fill
 - 03300-H #5x18" rebar (4 required)

- 05500-A 3/8" galv. steel plate
- 05500-B 1/2" galv. steel plate
- 05500-C post base.
- 05500-D 1/2" ϕ bolt, washer & nut (typ.)
- 05500-E 3/4" ϕ eyebolt, washer & nut for cross brace bars
- 05500-F 1/2" ϕ steel rod w/turnbuckle
- 06130-A 3"x6" T&G wood decking
- 06130-B 4"x6" PT wood frame
- 06130-C 8"x8" PT wood post
- 06130-D 2"x6" PT wood sub fascia
- 06130-E 1"x10" PT wood fascia
- 06130-F 3/4" \pm wood shim
- 07411-A Standing seam metal roof
- 07411-B Felt underlayment

Alternate Material Note: These structures are shown with timber frames and decking. Alternate materials (i.e., aluminum, steel, etc.) may be used when submittals are signed and sealed by a specialty engineer as per Section 5 of the Standard Specifications and when approved by the Engineer.

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 VILLAGE OF WELLINGTON

FDOT DETAILS

JANUARY 2024
C5-4

SPECIFICATIONS

Keynotes On Sheet 2.

CONCRETE

Concrete: *FDOT Class II.*

Reinforcing Bars: *ASTM A615, Grade 60.*

Welded Wire Fabric: *ASTM A-185.*

Vapor Barrier: *Black 6-Mil Polyethylene.*

STEEL

Galvanized Steel Plate: *Steel Plate ASTM A36 or A709, in accordance with the requirements of ASTM A123.*

Galvanized Fasteners: *High-Strength bolts and nuts, in accordance with Specification Section 962.*

Make field repairs to galvanizing in accordance with *Specification 562.*

WOOD

Comply with *American Institute For Timber Construction AITC 108, "Standard For Heavy Timber Construction."*

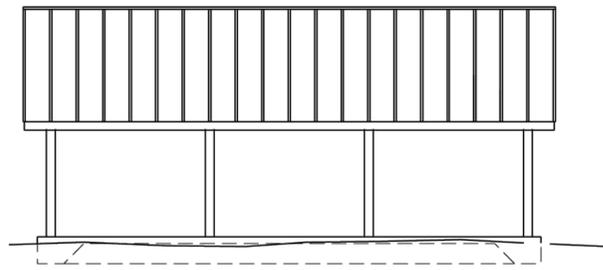
For solid wood decking, comply with *AITC 112, "Standard For Tongue And Groove Heavy Timber Standard."*

Species: *Douglas Fir, Hem-fir, or Southern Pine, at fabricator's option.*

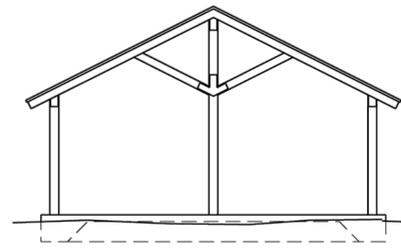
Preservative Treatment: *Pressure treat fabricated members with waterborne solution for above ground use, complying with AWP A U1, category UC3B above ground exposed.*

Wood Decking: *Predrill decking at 30" centers for lateral spiking to adjacent units. Spikes to be 8" spikes galvanized common.*

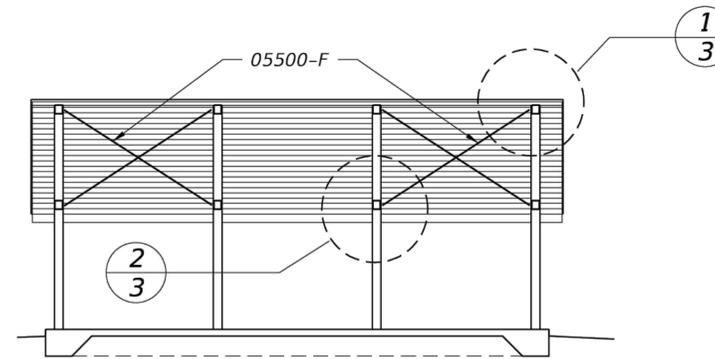
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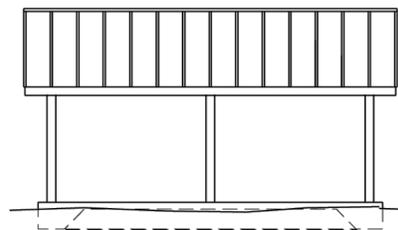
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3 SIDE ELEVATION



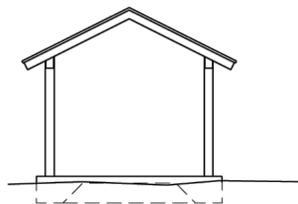
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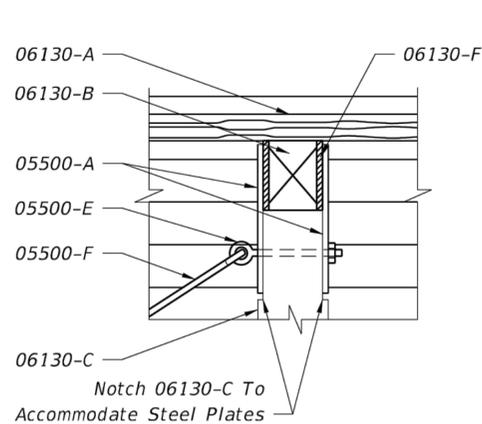
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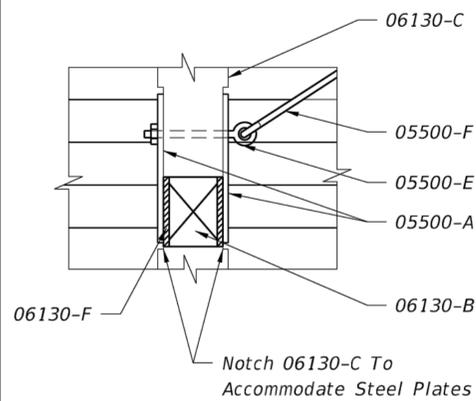
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3 SIDE ELEVATION



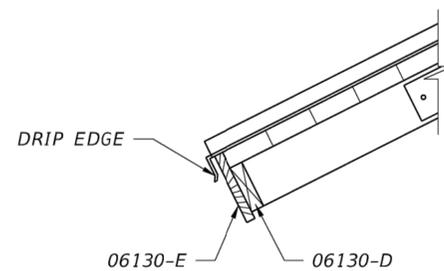
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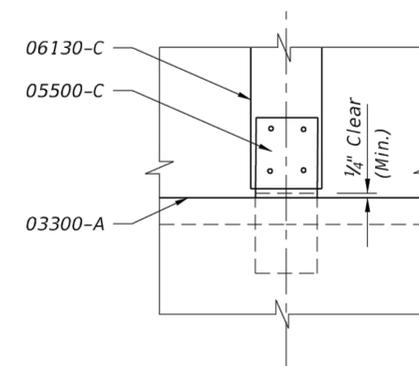
1
3 DETAIL



2
3 DETAIL



3
3 DETAIL
Similar At Roof Rake



4
3 DETAIL

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Date

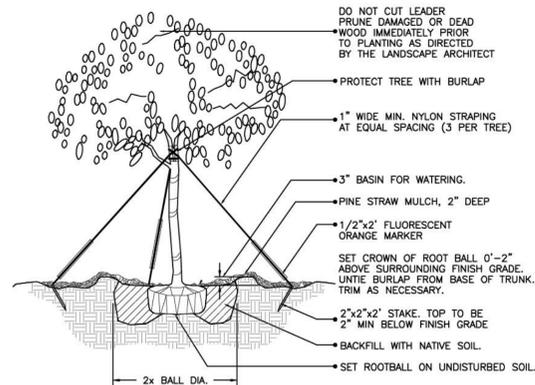
MOCK • ROOS
CONSULTING ENGINEERS
5720 Corporate Way, West Palm Beach, Florida 33407
(561) 683-3113, www.MockRoos.com
Florida Reg. No. 48 Florida L.B. No. 48

**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**
VILLAGE OF WELLINGTON

FDOT DETAILS

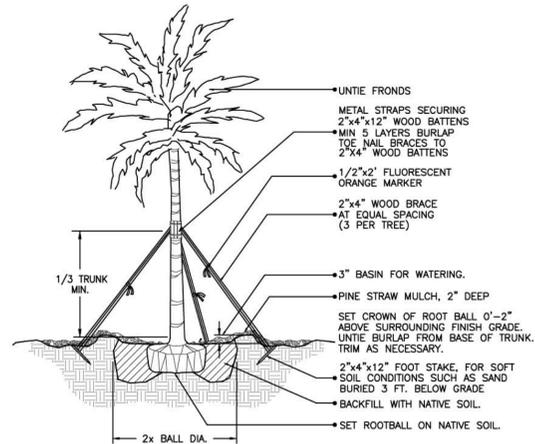
JANUARY 2024
C5-5

No.	Date	By	Revision



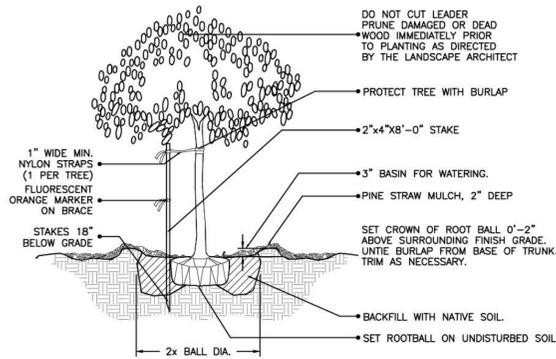
(2" cal. and over)
LARGE TREE PLANTING DETAIL

NTA



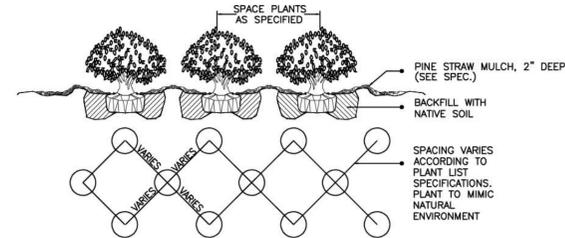
LARGE PALM PLANTING DETAIL

NTA



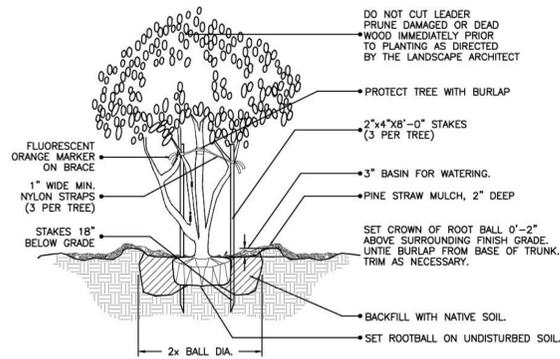
(2" cal. and under)
SMALL TREE PLANTING DETAIL

NTA



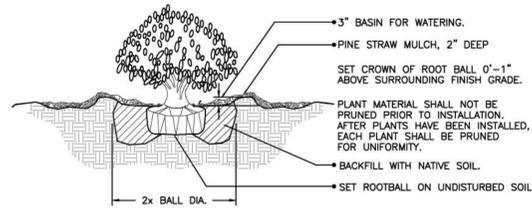
**SHRUB / GROUNDCOVER
SPACING / PLANTING DETAIL**

NTA



**MULTI- TRUNK AND SMALL TREE
(2" cal. and under) PLANTING DETAIL**

NTA



SHRUB PLANTING DETAIL

NTA

CADD File: F:\well\mon2\CADD\DWG\MONZCS02_C5-1.dwg

PLOT DATE: Jan 16, 2024 - 4:36pm

Adjust all scaled dimensions accordingly.

Vertical Datum:
NAVD88
P.A. No.
WE014.40
Dwg. No.
44-40-24-11
Location:
PALM BEACH COUNTY, FL

No.	Date	By	Revision

**BID SET
JANUARY 2024**

SEAL
TYLER THOMPSON
Florida P.E. No. 86558
Date

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**MONCADA PROPERTY
SECTION 24
IMPOUNDMENT EXPANSION**
VILLAGE OF WELLINGTON

PLANTING DETAILS

JANUARY 2024

C5-6