

TASK ORDER TO THE AGREEMENT

In accordance with the Miscellaneous Maintenance for Roads, Right-of-Ways, and Stormwater Maintenance Facilities Agreement, approved by the Board of County Commissioners on July 6, 2022 (the "Agreement") for work within the scope of Solicitation 22Q-141-TO-04 MP 78 Erosion Repair - Major Maintenance Project, this Project Amendment to the Agreement (this "Amendment") is made and entered into between GWP Construction, Inc. whose address 4269 NW 44th Avenue, Suite A, Ocala, FL 34482, and possessing FEIN# 59-3443055 ("CONTRACTOR") and Marion County, a political subdivision of the State of Florida, 601 SE 25th Avenue, Ocala, FL, 34471 ("COUNTY").

WITNESSETH

WHEREAS the parties wish to amend the Agreement as set forth below; and;

IN CONSIDERATION of the mutual covenants and conditions contained herein, the parties do hereby agree as follows:

1. This Amendment shall be deemed to amend and become a part of the Agreement in accordance with the original Solicitation and Agreement for Miscellaneous Maintenance for Roads, Right-of-Ways, and Stormwater Maintenance Facilities under 22Q-141.

2. CONTRACTOR's services and performance will be in accordance with the scope of service and fee schedule, Exhibit A hereto. The total cost for the Project will not exceed Five Hundred Twenty-Three Thousand, Four Hundred Sixty Six Dollars with Zero Cents (\$523,466.00). The Project shall reach substantial completion within 45 calendar days with an additional 7 calendar days for final completion. All Work shall proceed in a timely manner without delays. **TIME IS OF THE ESSENCE.** All limitations of time set forth in the Contract Documents are of the essence of this Contractor. The Work may be presumed abandoned after ninety (90) days if CONTRACTOR terminates the Work without just cause or without proper notification to COUNTY, including the reason for termination, or fails to perform Work without just cause for ninety (90) consecutive days.

3. All provisions of the Agreement not specifically amended herein shall remain in full force and effect.

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IN WITNESS WHEREOF the parties have entered into this Amendment, as approved by the Marion County Board of County Commissioners, on the date of the last signature below.

ATTEST:

MARION COUNTY, A POLITICAL SUB-DIVISION OF THE STATE OF FLORIDA

GREGORY C. HARRELL, DATE
MARION COUNTY CLERK OF COURT

KATHY BRYANT DATE
CHAIRMAN

FOR USE AND RELIANCE OF MARION COUNTY ONLY, APPROVED AS TO FORM AND LEGAL SUFFICIENCY

BCC APPROVED: March 5, 2025
22Q-141-TO-04 MP 78 Erosion Repair - Major Maintenance Project

MATTHEW G. MINTER, DATE
MARION COUNTY ATTORNEY

WITNESS:

GWP CONSTRUCTION, INC.

SIGNATURE

BY: DATE

PRINTED NAME

PRINTED:

WITNESS:

ITS: (TITLE)

SIGNATURE

PRINTED NAME

**REQUEST FOR QUOTE
TASK ORDER UNDER 22Q-141**

**MP 78
DRA 1136, 1137, 1138, 1139, and 1140
Erosion Repair
Major Maintenance Project**

EXHIBIT A - SCOPE OF SERVICE AND FEE SCHEDULE

**Marion County Office of the County Engineer
Stormwater Management Program
MP 78 Major Maintenance Project (DRA 1136, 1137, 1138, 1139, and 1140)**

PROJECT NAME: MP 78 - Major Maintenance Project
WORK REQUEST BEGIN DATE: 14 Days from Award Date
WORK REQUEST COMPLETION DATE: 45 + 7 days
MARION COUNTY CONTACT: Riley Jones, Engineer I

PROJECT LOCATION: DRA 1136 is located SE of the intersection of NW 45th AVE and NW 60th ST.
DRA 1137 is located NW of the intersection of NW 44th AVE and US HWY 27.
DRA 1138 is located SW of the intersection of NW 44th AVE and NW 39th ST RD.
DRA 1139 is located SE of the intersection of NW 44th AVE and NW 47th ST.
DRA 1140 is located SW of the intersection of NW 44th AVE and NW 60th ST.

DESCRIPTION OF PROJECT

The project involves sinkhole repairs and outfall repairs consisting of standard clearing and grubbing, placing and compacting fill in 12-inch lifts, and sodding disturbed areas. A location map and description of work for this project are included as Exhibit A. The project limit is defined as the work location area within the drainage retention area identified in Exhibit A.

QUALITY OF WORK AND MATERIAL REQUIREMENTS

All work and materials provided pursuant to this contract shall be in accordance with OCE Sections 1 & 2 – Specification and General Conditions of the Agreement, Marion County Land Development Code, FDOT Standard Specifications for Road and Bridge Construction, latest edition, and FDOT Design Standards, latest edition.

CONTRACT TERM

The Project Work listed in the Fee Schedule shall be substantially completed within **forty five (45) days** of the written **Notice to Proceed (NTP)**. The project must be at Final Completion within **seven (7) days** of Substantial Completion. The CONTRACTOR shall not begin Project Work until authorized by the Project Manager in writing by the NTP.

CONTRACTOR'S RESPONSIBILITIES

All Project Work performed shall be in accordance with Contract documents. The CONTRACTOR shall furnish all labor, equipment, fuel, materials and incidentals to perform all operations necessary to complete this work in accordance with these specifications and any applicable drawings.

PRIOR TO SUBMITTING BID

It is in the CONTRACTOR's best interest and highly recommended for the CONTRACTOR to visit the work location before submitting a quote.

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MP 78 EROSION REPAIR – MAJOR MAINTENANCE PROJECT

SPECIAL PROVISIONS

SP-1. SPECIFICATIONS AND COORDINATION OF DOCUMENTS

Work shall be in accordance with the Marion County Land Development Code, FDOT Standard Specification for Road and Bridge Construction, latest edition, and FDOT Design Standards, latest edition. In case of a discrepancy or conflict, the specification to follow will be the strictest/most conservative as determined by the COUNTY ENGINEER or his designee.

Order of Precedence:

Contract
Special Provisions
General Conditions
Specifications
Details on Drawings
Plan Drawings

SP-2. LIQUIDATED DAMAGES: Liquidated damages shall be assessed at a rate of \$250 per day.

SP-3. CONTRACTOR must provide a supervisor on-site in the day to day activities.

SP-4. CONTRACTOR shall submit the following items within seven (7) days of the Notice of Award, and prior to issuance of the Notice to Proceed (NTP):

- a. Proof of Insurance,
- b. Construction Schedule that complies with CONTRACT time,
- c. List of SUB-CONTRACTORS,
- d. List of Suppliers,
- e. List of Emergency Telephone numbers,
- f. Detailed MOT plan,
- g. Copy of MOT certification,
- h. Copy of Stormwater Erosion and Sedimentation Control Inspector certification,
- i. Any other document required by the contract and not listed above.

SP-5. PROJECT MANAGEMENT: The CONTRACTOR shall appoint one individual to act as the CONTRACTOR's representative in regard to the contract. Contact numbers for this individual and for a secondary, or backup, person shall be provided to the COUNTY. Daily Reports (DR) or Weekly Progress Reports shall be completed by the Project Manager or authorized representative and must be signed by the CONTRACTOR. Quantities identified on the DRs shall be compared to invoices submitted by the CONTRACTOR for accuracy prior to payment being made to the CONTRACTOR.

SP-6. HOURS OF OPERATION AND OVERTIME: For overtime purposes, the COUNTY's working schedule is from 8:00 A.M. to 5:00 P.M., Monday through Friday, eight (8) hours per day/forty (40) hours per week except on holidays. Work during other times, on weekends, or on Holidays must be requested and pre-approved by the County at least 48 hours in advance.

SP-7. TEMPORARY FACILITIES: The CONTRACTOR will not be required to maintain a Field Office.

SP-8. DEWATERING: Minor water may be encountered during repair and dewatering will be considered incidental as area percolates and is workable within 24 hours.

MP 78 EROSION REPAIR – MAJOR MAINTENANCE PROJECT

- SP-9. DEWATERING: Activities to address/control a substantial volume of water due to heavy or multiple rainfall events will require the use of berms/dams and a large pump to eliminate accumulated water from the excavated project area. This activity shall be paid lump sum through 1.4. The contractor must submit a Dewatering Plan for review and approval prior to performing any dewatering activities. Dewatering activities must be initiated within 24 hours of the end of said rainfall event(s). Only one recovery day maximum will accompany a major rainfall event or multiple rainfall events occurring in sequential days.
- SP-10. IMPLEMENTATION OF EROSION CONTROL BEST MANAGEMENT PRACTICES (BMPs): Implementation of all erosion control BMPs are considered incidental to this project unless identified in Exhibit A for a specific Work Location. BMPs specified at work locations shall be paid as per Section 2.2.
- SP-11. MAINTENANCE OF TRAFFIC: The CONTRACTOR shall submit a Maintenance of Traffic Plan at the pre-construction meeting for performing the prescribed work as identified in Exhibit A. Maintenance of Traffic shall be per Section 2.1 of these specifications.
- SP-12. MOBILIZATION: The CONTRACTOR shall submit mobilization cost as part of the Fee schedule. Payment shall be made for all work in this activity, verified, inspected and accepted, in accordance with this Contract and Task Order.
- SP-13. METHOD OF MEASUREMENT and BASIS OF PAYMENT: Except for items noted in the Bid Form to be paid in Lump Sum, the Method of Measurement shall be per work location and the Basis of Payment shall be per unit price for each item identified in the Quote Form for each work location completed, inspected and accepted by the COUNTY.
- SP-14. TREE PROTECTION: This item is included in the pay item for Clearing and Grubbing and no extra compensation will be allowed. Pruning and maintenance may be necessary when branches must be removed. Make smooth cuts, as flush to the trunk as possible. Treat trees immediately with pruning paint unless they are pine trees. The sap from the Pine Tree will seal them. Removal of trees as shown on the construction plans shall be removed in a manner that will protect adjacent tree root structure. Protection from machinery and equipment is the responsibility of the CONTRACTOR. Any trees not labeled on the construction plans for removal will not be damaged, destroyed or removed. The CONTRACTOR will be subject to a penalty of Two Thousand Five Hundred Dollars (\$2,500) per damaged tree. No machinery or equipment shall be parked under or near any trees for any period of time.
- SP-15. SELECTIVE CLEARING AND GRUBBING: The limits are shown on the plans. Specifications shall follow FDOT Spec 110-3. Prior to bid, CONTRACTOR shall evaluate these areas and all dead, dying, invasive/exotic, and trees less than 8" DBH shall be removed. All vines shall be removed, not just cut, but completely removed in a manner that will not damage the tree, including mobilizing a tree surgeon with specialized equipment to remove the vines if necessary. All trees shall be limbed up to a height of 12 feet. In the event of tree removal with remaining stumps, the stumps shall be removed from the project, any voids filled with suitable material, and stabilized with sod. Final grades shall match existing grades and be level.
- SP-16. LIMB UP TREES ALONG FENCE LINE: All trees shall be limbed up to a height of 12 feet and per ANSI A300. In the event of tree removal with remaining stumps, the stumps shall be removed from the

MP 78 EROSION REPAIR – MAJOR MAINTENANCE PROJECT

project, any voids filled with suitable material, and stabilized with sod. Final grades shall match existing grades and be level.

- SP-17. STANDARD CLEARING AND GRUBBING: Material used to fill the holes is considered incidental and shall be included in the Clearing and Grubbing price. All areas shall be stabilized with sod within seven (7) days or as soon as all earth disturbing activities are complete for the work location. Hauling and disposal of materials from the clearing and grubbing effort is considered incidental and shall be included in the price for standard clearing and grubbing.
- SP-18. Prior to construction, contractor is to locate all utilities, cable lines, etc. It may be necessary to remove, modify, and/or relocate existing lines/systems to continue providing service to existing buildings and facilities. Coordination of any temporary service interruptions is to be the responsibility of the contractor.
- SP-19. ENVIRONMENTAL SERVICES: The CONTRACTOR will hire an environmental consultant that will survey the project areas for listed species and provide permitting for any needed protection/collection/movement of the listed species, including GTs. The Contractor will need to work with their Consultant with an excavator and operator for protection, collection, relocation, and/or removal of the listed species from the project areas, in accordance with the FWC Permit. Payment for environmental services is located under the contingency line items and is broken down into three items. 1) Environmental Coordination and Survey, 2) GT Recipient Site Fee, and 3) GT Protected On-site. These items include full compensation for coordination, environmental survey with report, permitting and permit fees, and all work and equipment necessary to protect on-site and/or relocate GTs. If the relocation of GTs is required off-site, payment shall be made under Gopher Tortoise - Recipient Site Fee per each GT relocated under contingency. If GTs are not required to be relocated off-site, payment shall be made under contingency item Gopher Tortoise - Protected On-Site per each GT remaining on-site with protective barriers.
- SP-20. Chain Link Fence: Posts, Top Rails, and Braces shall conform to Section 966-1.2 and 966-1.3 of the F.D.O.T. Standard Specifications. Concrete for bases shall be Class I as specified in Section 345 of F.D.O.T. Standard Specifications except that requirements contained in 345-5.1, 345-10, and 345-11 shall not apply. Material for Class I concrete may be proportioned by volume and/or by weight and all posts shall be capped and set in concrete. Line posts shall be set at intervals not to exceed ten (10) feet. Alternate materials conforming to Section 9661.5 of F.D.O.T. Standard Specifications may be used with the approval of the ENGINEER. Fence Fabric and Accessories for steel fencing shall conform to Section 966-1.1 of the F.D.O.T. Standard Specifications. Fabric shall be six (6) feet in height unless otherwise specified in the plans. Gates shall be of the same materials as line fence or as specified in contract documents. Gates shall be double hung and produce a clear twenty (20) foot wide opening or as shown on the plans or as specified in the contract documents.

END OF SPECIAL PROVISIONS

**MP 78 Major Maintenance Project
Scope of Work**

Work Location 1

DRA # 1136
Parcel ID # 1352+003-001
Area in Acres 2.4
Type Dry
Const. Type Constructed
Fencing Type Wood
Side Slope 4:1
Subdivision Golden Meadow Farms



Estimated Address NW 60th Street

Latitude N 29° 14'54.1"

Longitude W 82° 11'43.6"

Quantity **Work Description**

1 LS 01 North side of DRA: Construction Entrance

There is no existing driveway into the DRA. The CONTRACTOR will be responsible for repairs to any damage to the concrete driveway, curbs, or asphalt roadway where trucks and equipment are entering and exiting the DRA, this shall be considered incidental to this pay item.

The logistics of utilizing this area to access the DRA is considered part of this pay item, which includes placement of material to construct a driveway/entrance that enables construction vehicles to enter and exit the DRA. Lime rock and crushed concrete are not suitable material for a construction entrance. Refer to



**MP 78 Major Maintenance Project
Scope of Work**

Work Location 1

Construction Entrance Detail or Construction Entrance with Pipe Detail. At the conclusion of the project, this entrance must be removed and the area restored to the original condition or better. Sod is to be used to permanently stabilize the construction entrance area, which is included in pay item 2.4 of the bid form (400 SY).

Sweeping of the county road is to be conducted by the CONTRACTOR to ensure sediment is removed from the road and the right-of-way at the end of each work day. These activities are part of the Construction Entrance pay item.

Contractor to install and maintain a rain gauge on-site. The rain gauge will need to be reset the morning after each rain event. Please do not empty the rain gauge until a Marion County Inspector is on-site to record the amount of rainfall.

- 86 SY 02 SW Corner and Middle of DRA: Perform standard clearing and grubbing in area of sinkhole construction activity. See Construction Drawing Figures 1 – 3 (Locations A – C).
- 1 LS 03 SW Corner and Middle of DRA: Earthwork including Sinkhole repairs in DRA bottom and side slope. The removal of trees within the standard clearing and grubbing/trench slope area for the sinkhole will fall under pay item 2.3 of the bid form. See Construction Drawing Figures 1 – 3 (Locations A – C).
1. Vegetative and soil material removed from this area shall be properly disposed. Removed topsoil can be reused by the CONTRACTOR as part of the Earthwork pay item. If other material is reused, the material must be raked for removal of roots and other debris prior to placement. Removal of this material from the reused topsoil is considered incidental.
 2. Repair of sinkhole areas in DRA side slopes & bottom. (Areas A-C)
 - a. The construction limits of the sinkhole areas impact a volume of 195 cubic yards (CY) (does not include volume impacted by trench slopes). The construction limits of sinkhole area A is 37 square yards (SY) with a maximum depth of 9 feet. The sinkhole repair area is 21 feet x 16 feet with a maximum depth of 9 feet below the existing ground. The construction limits of sinkhole area B is 21 square yards (SY) with a maximum depth of 5 feet. The sinkhole repair area is 12 feet x 16 feet with a maximum depth of 5 feet below the existing ground. The construction limits of sinkhole area C is 28 square yards (SY) with a maximum depth of 5 feet. The sinkhole repair area is 16 feet x 16 feet with a maximum depth of 5 feet below the existing ground.
 - b. The Contractor shall over-excavate a minimum horizontal distance of three (3) feet beyond the outside edge of the depression and a minimum vertical distance of three (3) feet to expose solution tubes (included in dimensions and depths above), solution tubes shall then be crushed and backfilled with suitable material.
 - a. Suitable material must be used to backfill the sinkhole. The Contractor shall utilize either onsite material or clean borrow material. Using the AASHTO Soil Classification System, the material used will need to be

**MP 78 Major Maintenance Project
Scope of Work**

Work Location 1

classified by the Contractor as A-2-4, A-2-5, A-2-6, A-4 or A-5 to backfill the sinkhole area to match existing elevations. When using on-site material, limerock/rock/boulders larger than two (2) inches in diameter must be removed from excavated material prior to backfill of sinkhole. Each 12-inch lift must consist of homogeneous (same source) material (In Place Quantity: 195 CY).

- b. During the repair of sinkhole/significant erosion, it may become necessary to go outside of the construction limits. This additional work will be addressed for payment in either of two ways, as determined by the COUNTY ENGINEER or his designee:
 - 1. Prorated at a cubic yard price, which will be determined by dividing the Earthwork pay item by the construction limit volume; or
 - 2. Time and materials based on labor and equipment rates.
- e. Testing of the material and a standard proctor will be performed by the COUNTY prior to project commencement. It is the CONTRACTOR's responsibility to utilize means and methods to ensure that the material is worked such that, even if excavated wet, the material can be placed, compacted, and meet density requirements (90% of modified proctor). Failed density tests will be back charged to the Contractor.
- f. Note: The CONTRACTOR is responsible for utilizing shoring or a trench slope to meet OSHA requirements. This work is considered incidental in the cost of the Earthwork pay item.

686 SY

04 SW Corner and Middle of DRA: Bahia sod needed for sinkhole repair. Surface area to be sodded within the construction limits = 86 SY, additional sod quantity is estimated utilizing a 1:1 trench slope area = 200 SY, and construction entrance = 400 SY. Pallet sod only.

If a trench slope is not utilized, sod for that area will not be paid. If a gentler slope is used for the trench slope, the additional area will be considered as means and methods and the additional sod considered incidental to pay item sinkhole repair/earthwork.

1 LS

05 Pipe running underneath NW 60th ST: Desilt existing stormwater pipe (18" CMP). See Construction Drawing Figure 1. Included in pay item 1.3 of the bid form.

1 LS

06 Pipe running underneath NW 45th AVE: Desilt existing stormwater pipe (18" CMP). See Construction Drawing Figure 1. Included in pay item 1.3 of the bid form.

LEGEND

-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  SELECTIVE CLEAR & GRUB (TYP)
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



DESILT
STORMWATER
PIPE

NW 60TH STREET

DRA 1136

DESILT
STORMWATER
PIPE

NW 45TH AVE

A



B



C



Marion County
Office of the County Engineer
412 SE 25th Ave. Ocala, FL 34471

LOCATION 1 FIGURE 1
MP 78 DRA 1136
N.W. 60TH STREET

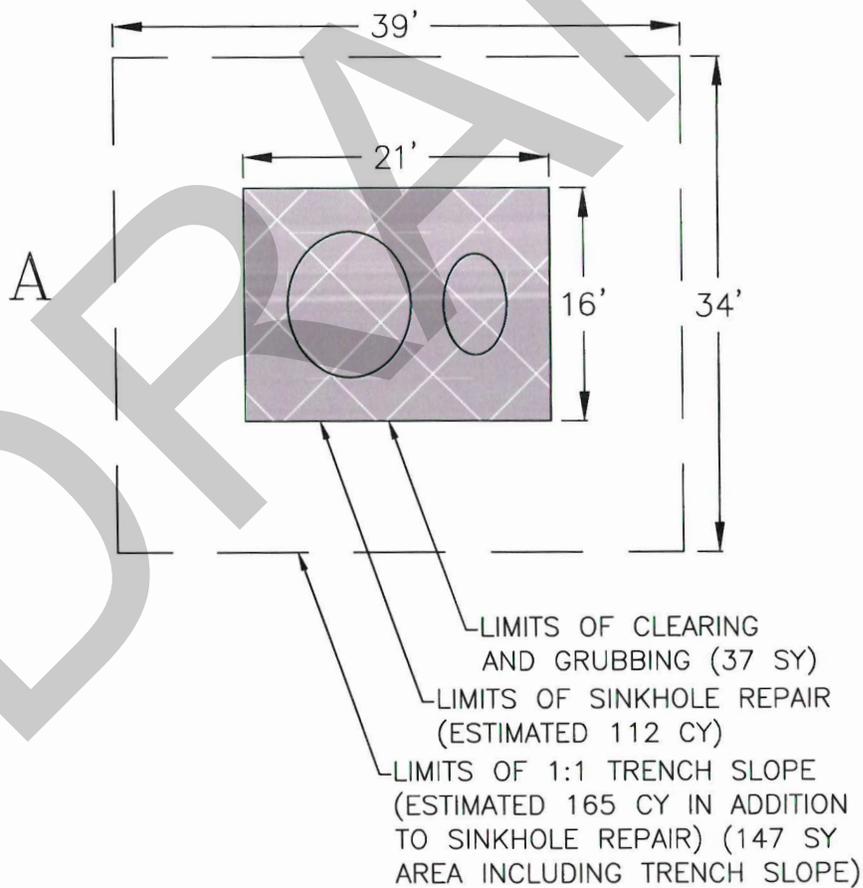
SCALE: N.T.S
DATE: 9/16/24
FILE: MP 78.DWG

LEGEND

-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  SELECTIVE CLEAR & GRUB (TYP)
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



DRA 1136



Marion County
 Office of the County Engineer
 412 SE 25th Ave. Ocala, FL 34471

LOCATION 1 FIGURE 2
 MP 78 DRA 1136
 N.W. 60TH STREET

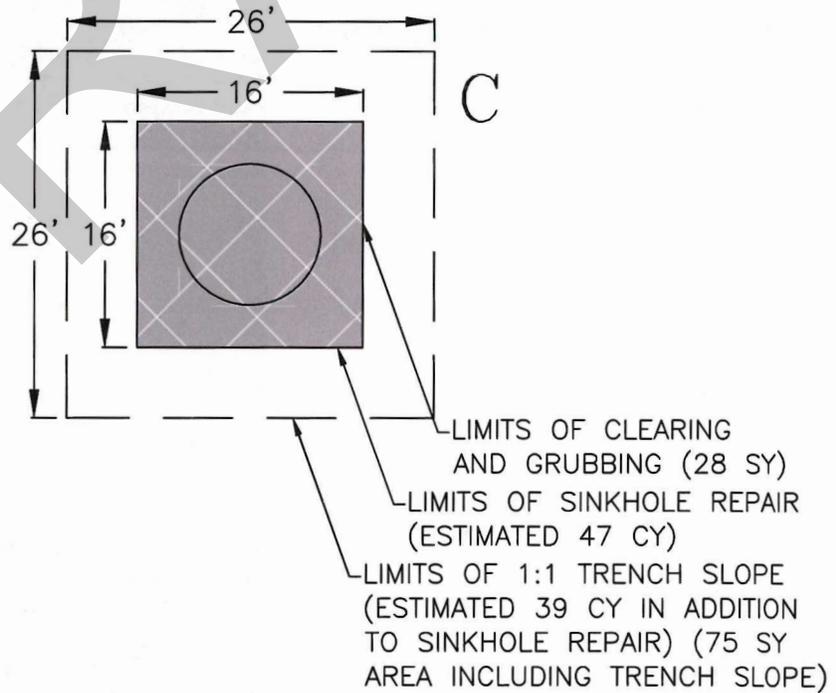
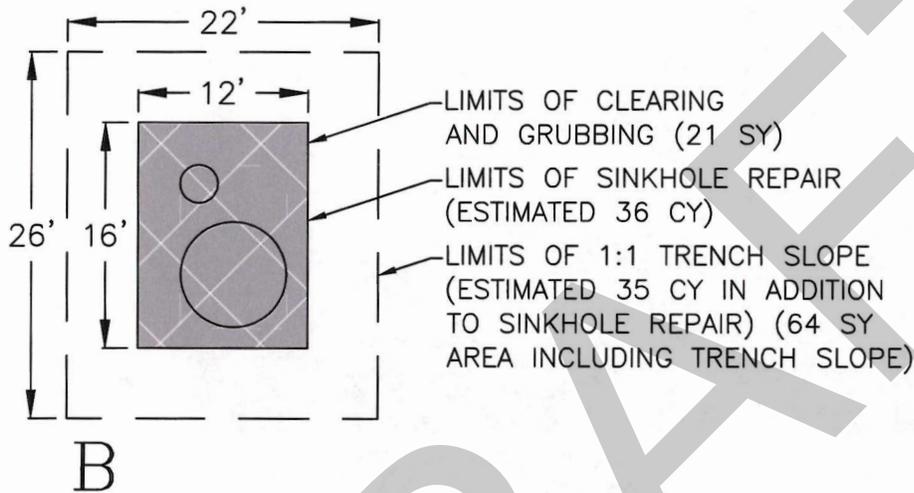
SCALE:	N.T.S
DATE:	9/16/24
FILE:	MP 78.DWG

LEGEND

-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  SELECTIVE CLEAR & GRUB (TYP)
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



DRA 1136



Marion County
 Office of the County Engineer
 412 SE 25th Ave. Ocala, FL 34471

LOCATION 1 FIGURE 3
 MP 78 DRA 1136
 N.W. 60TH STREET

SCALE: N.T.S.
 DATE: 9/16/24
 FILE: MP 78.DWG

**MP 78 Major Maintenance Project
Scope of Work**

Work Location 2



DRA #	1137
Parcel ID #	21525+000-00
Area in Acres	1.1
Type	Dry
Const. Type	Constructed
Fencing Type	Chain Link
Side Slope	4:1
Subdivision	N/A
Estimated Address	NW 44TH AVE
Latitude	N 29° 12'50.2"
Longitude	W 82° 11'39.7"



**MP 78 Major Maintenance Project
Scope of Work**

Work Location 2

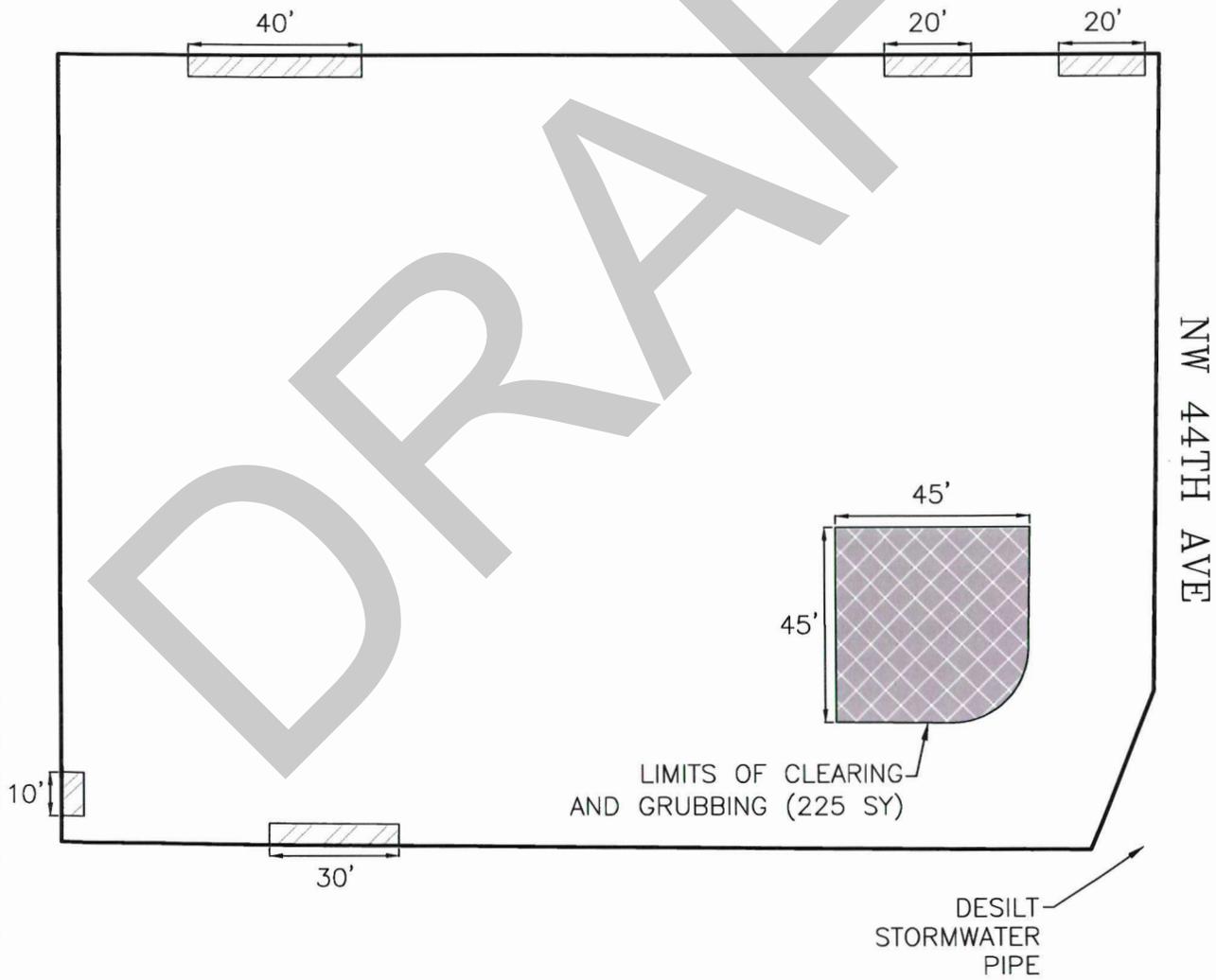
Quantity	Work Description
1 LS	<p>01 East side of DRA: Construction Entrance</p> <p>There is an existing driveway into the DRA. The CONTRACTOR will be responsible for repairs to any damage to the concrete driveway, curbs, or asphalt roadway where trucks and equipment are entering and exiting the DRA, this shall be considered incidental to this pay item.</p> <p>The logistics of utilizing this area to access the DRA is considered part of this pay item, which includes placement of material to construct a driveway/entrance that enables construction vehicles to enter and exit the DRA. Construction Entrance's rock level will be at same elevation as concrete where rock Construction Entrance abuts the concrete driveway. Lime rock and crushed concrete are not suitable material for a construction entrance. Refer to Construction Entrance Detail or Construction Entrance with Pipe Detail. At the conclusion of the project, this entrance must be removed and the area restored to the original condition or better. Sod is to be used to permanently stabilize the construction entrance area, which is included in pay item 3.4 of the bid form (400 SY).</p> <p>Sweeping of the county road is to be conducted by the CONTRACTOR to ensure sediment is removed from the road and the right-of-way at the end of each work day. These activities are part of the Construction Entrance pay item.</p> <p>Contractor to install and maintain a rain gauge on-site. The rain gauge will need to be reset the morning after each rain event. Please do not empty the rain gauge until a Marion County Inspector is on-site to record the amount of rainfall.</p>
120 LF	<p>02 Construction Drawing Figure 1: Limb up trees on County side of the fence per ANSI A300 and Special Provisions SP-14/SP-16. All trees shall be limbed up to a height of 12 feet.</p>
225 SY	<p>03 SE corner of DRA at MES Outfall: Standard clear and grub 45' wide x 45' long area (See Construction Drawing Figure 1). Includes removal of brush and debris. MES outfall has a history of holding water. Line item 1.4 has been added to address this.</p>
225 SY	<p>04 Finish grade and sod with Bahia. Pallet sod only.</p>
1 LS	<p>05 Pipe running underneath NW 44th AVE: Desilt existing stormwater pipe (36" CMP). See Construction Drawing Figure 1. Included in pay item 1.3 of the bid form.</p>

LEGEND

-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  SELECTIVE CLEAR & GRUB (TYP)
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



DRA 1137



Marion County
Office of the County Engineer
412 SE 25th Ave. Ocala, FL 34471

LOCATION 2 FIGURE 1
MP 78 DRA 1137
N.W. 44TH AVE

SCALE:	N.T.S
DATE:	9/18/24
FILE:	MP 78.DWG

**MP 78 Major Maintenance Project
Scope of Work**

Work Location 3



DRA # 1138
Parcel ID # 13709+001-00
Area in Acres 4.3
Type Dry
Const. Type Constructed
Fencing Type Chain Link
Side Slope 4:1
Subdivision N/A
Estimated Address NW 44th AVE
Latitude N 29° 13'26.5"
Longitude W 82° 11'41.0"



**MP 78 Major Maintenance Project
Scope of Work**

Work Location 3

Quantity	Work Description
1 LS	<p>01 East side of DRA: Construction Entrance</p> <p>There is an existing driveway into the DRA. The CONTRACTOR will be responsible for repairs to any damage to the concrete driveway, curbs, or asphalt roadway where trucks and equipment are entering and exiting the DRA, this shall be considered incidental to this pay item.</p> <p>The logistics of utilizing this area to access the DRA is considered part of this pay item, which includes placement of material to construct a driveway/entrance that enables construction vehicles to enter and exit the DRA. Construction Entrance's rock level will be at same elevation as concrete where rock Construction Entrance abuts the concrete driveway. Lime rock and crushed concrete are not suitable material for a construction entrance. Refer to Construction Entrance Detail or Construction Entrance with Pipe Detail. At the conclusion of the project, this entrance must be removed and the area restored to the original condition or better. Sod is to be used to permanently stabilize the construction entrance area, which is included in pay item 4.4 of the bid form (400 SY).</p> <p>Sweeping of the county road is to be conducted by the CONTRACTOR to ensure sediment is removed from the road and the right-of-way at the end of each work day. These activities are part of the Construction Entrance pay item.</p> <p>Contractor to install and maintain a rain gauge on-site. The rain gauge will need to be reset the morning after each rain event. Please do not empty the rain gauge until a Marion County Inspector is on-site to record the amount of rainfall.</p>
111 SY	<p>02 SE corner of DRA at MES Outfall: Standard clear and grub 40' wide x 25' long area (See Construction Drawing Figure 2 Location A). Includes removal of brush and debris. MES outfall has a history of holding water. Line item 1.4 has been added to address this.</p>
111 SY	<p>03 Finish grade and sod with Bahia. Pallet sod only.</p>
1 LS	<p>04 Pipe running underneath NW 44th AVE: Desilt existing stormwater pipe (48" CMP). See Construction Drawing Figure 1. Included in pay item 1.3 of the bid form.</p>
1,111 SY	<p>05 Multiple Locations Within DRA: Perform standard clearing and grubbing in area of sinkhole construction activity. See Construction Drawing Figures 3-5 Locations D-G.</p>
1 LS	<p>06 Multiple Locations Within DRA: Earthwork including Sinkhole repair in DRA bottom and side slope. See Construction Drawing Figures 3-5 Locations D-G.</p> <ol style="list-style-type: none">1. Vegetative and soil material removed from this area shall be properly disposed. Removed topsoil can be reused by the CONTRACTOR as part of the Earthwork pay item. If other material is reused, the material must be

**MP 78 Major Maintenance Project
Scope of Work**

Work Location 3

raked for removal of roots and other debris prior to placement. Removal of this material from the reused topsoil is considered incidental.

2. Repair of sinkhole area in DRA pond bottom and side slope.
 - a. The construction limits of the sinkhole area impact a volume of 4,548 cubic yards (CY) (does not include volume impacted by trench slopes). The construction limits of sinkhole area D is 557 square yards (SY) with a maximum depth of 15 feet. The sinkhole repair area is 76 feet x 66 feet with a maximum depth of 15 feet below existing ground. The construction limits of sinkhole area E is 112 square yards (SY) with a maximum depth of 8 feet. The sinkhole repair area is 18 feet x 56 feet with a maximum depth of 8 feet below existing ground. The construction limits of sinkhole area F is 433 square yards (SY) with a maximum depth of 10 feet. The sinkhole repair area is 60 feet x 65 feet with a maximum depth of 10 feet below existing ground. The construction limits of sinkhole area G is 9 square yards (SY) with a maximum depth of 6 feet. The sinkhole repair area is 9 feet x 9 feet with a maximum depth of 6 feet below existing ground.
 - b. The Contractor shall over-excavate a minimum horizontal distance of three (3) feet beyond the outside edge of the depression and a minimum vertical distance of three (3) feet to expose solution tubes (included in dimensions and depths above). Solution tubes shall then be crushed and backfilled with suitable material.
 - c. Suitable material must be used to backfill the sinkhole. The Contractor shall utilize either onsite material or clean borrow material. Using the AASHTO Soil Classification System, the material used will need to be classified by the Contractor as A-2-4, A-2-5, A-2-6, A-4 or A-5 to backfill the sinkhole area to match existing elevations. When using on-site material, limerock/rock/boulders larger than two (2) inches in diameter must be removed from excavated material prior to backfill of sinkhole. Each 12-inch lift must consist of homogeneous (same source) material (In Place Quantity: 4,548 CY).
 - d. During the repair of sinkhole/significant erosion, it may become necessary to go outside of the construction limits. This additional work will be addressed for payment in either of two ways, as determined by the COUNTY ENGINEER or his designee:
 1. Prorated at a cubic yard price, which will be determined by dividing the Earthwork pay item by the construction limit volume; or
 2. Time and materials based on labor and equipment rates.
 - e. Testing of the material and a standard proctor will be performed by the COUNTY prior to project commencement. It is the CONTRACTOR's responsibility to utilize means and methods to ensure that the material is worked such that, even if excavated wet, the material can be placed, compacted, and meet density requirements (90% of modified proctor). Failed density tests will be back charged to the Contractor.
 - f. Note: The CONTRACTOR is responsible for utilizing shoring or a trench slope to meet OSHA requirements. This work is considered incidental in the cost of the Earthwork pay item.

**MP 78 Major Maintenance Project
Scope of Work**

Work Location 3

2,504 SY 07 Multiple Locations Within DRA: Bahia sod needed for sinkhole repair. Surface area to be sodded within the construction limits = 1,111 SY, additional sod quantity is estimated utilizing a 1:1 trench slope area = 993 SY, and construction entrance = 400 SY. Pallet sod only.

If a trench slope is not utilized, sod for that area will not be paid. If a gentler slope is used for the trench slope, the additional area will be considered as means and methods and the additional sod considered incidental to pay item sinkhole repair/earthwork.

1 LS 08 Fence Repair: during the initial scope of the project, it was discovered that two (50') sections of fence were damaged. This line item includes the removal of any part of the fence that is beyond repair. The Contractor will then repair/install approximately 100 linear feet of chain link fence in accordance with newest FDOT Standard Plans and SP-20.



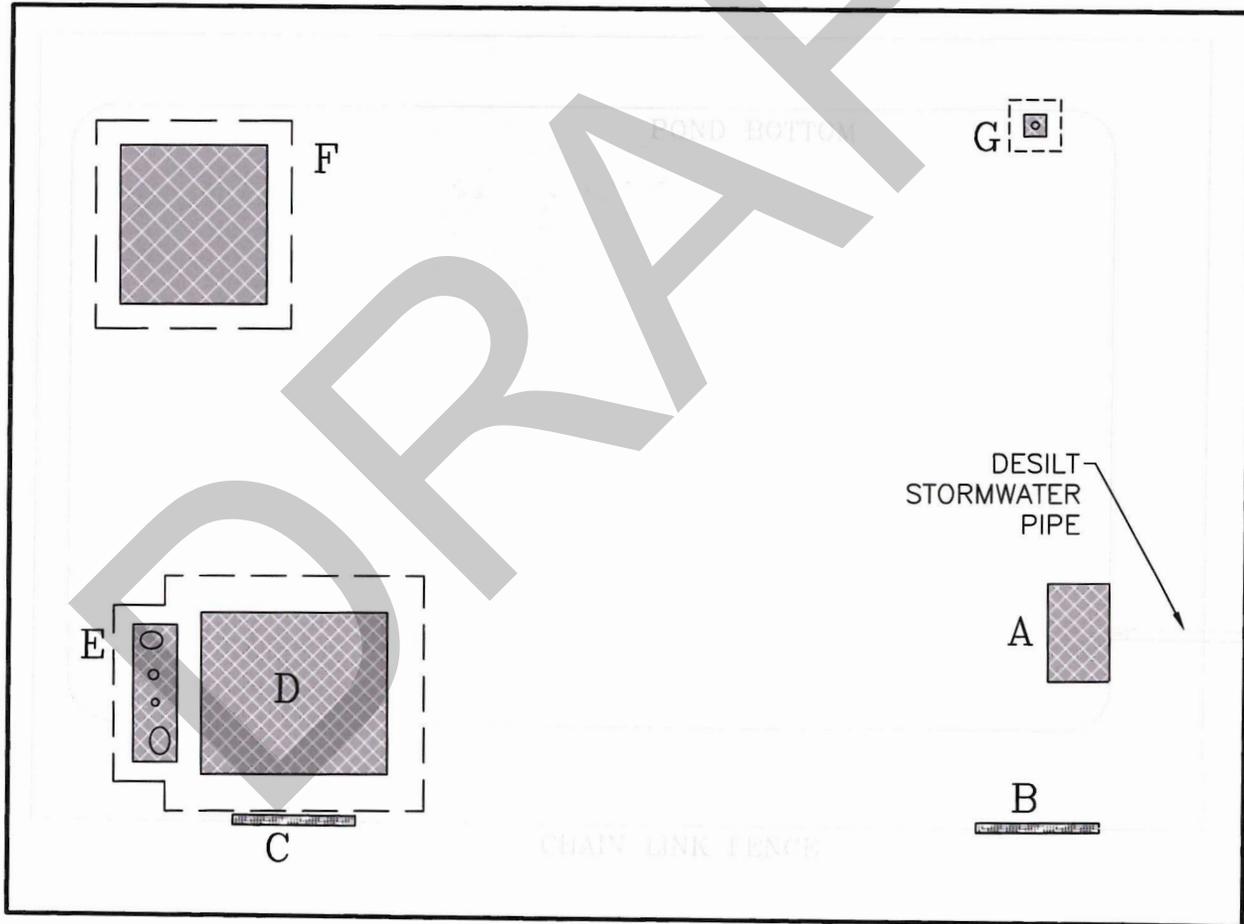
LEGEND

-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  FENCE DAMAGE
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



DRA 1138

NW 44TH AVENUE



NW 35TH STREET



Marion County
Office of the County Engineer
412 SE 25th Ave. Ocala, FL 34471

LOCATION 3 FIGURE 1
MP 78 DRA 1138
N.W. 44TH AVE

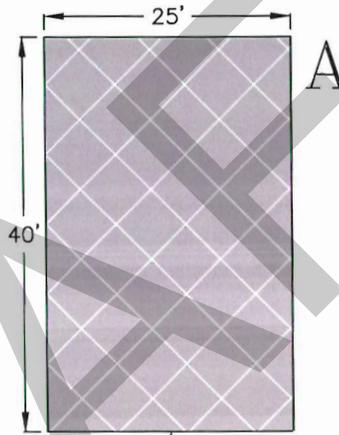
SCALE: NTS
DATE: 10/16/24
FILE: MP 78.DWG

LEGEND

-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  FENCE DAMAGE
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



DRA 1138



LIMITS OF CLEARING AND GRUBBING (111 SY)



FENCE REPAIR



Marion County
Office of the County Engineer
412 SE 25th Ave. Ocala, FL 34471

LOCATION 3 FIGURE 2
MP 78 DRA 1138
N.W. 44TH AVE

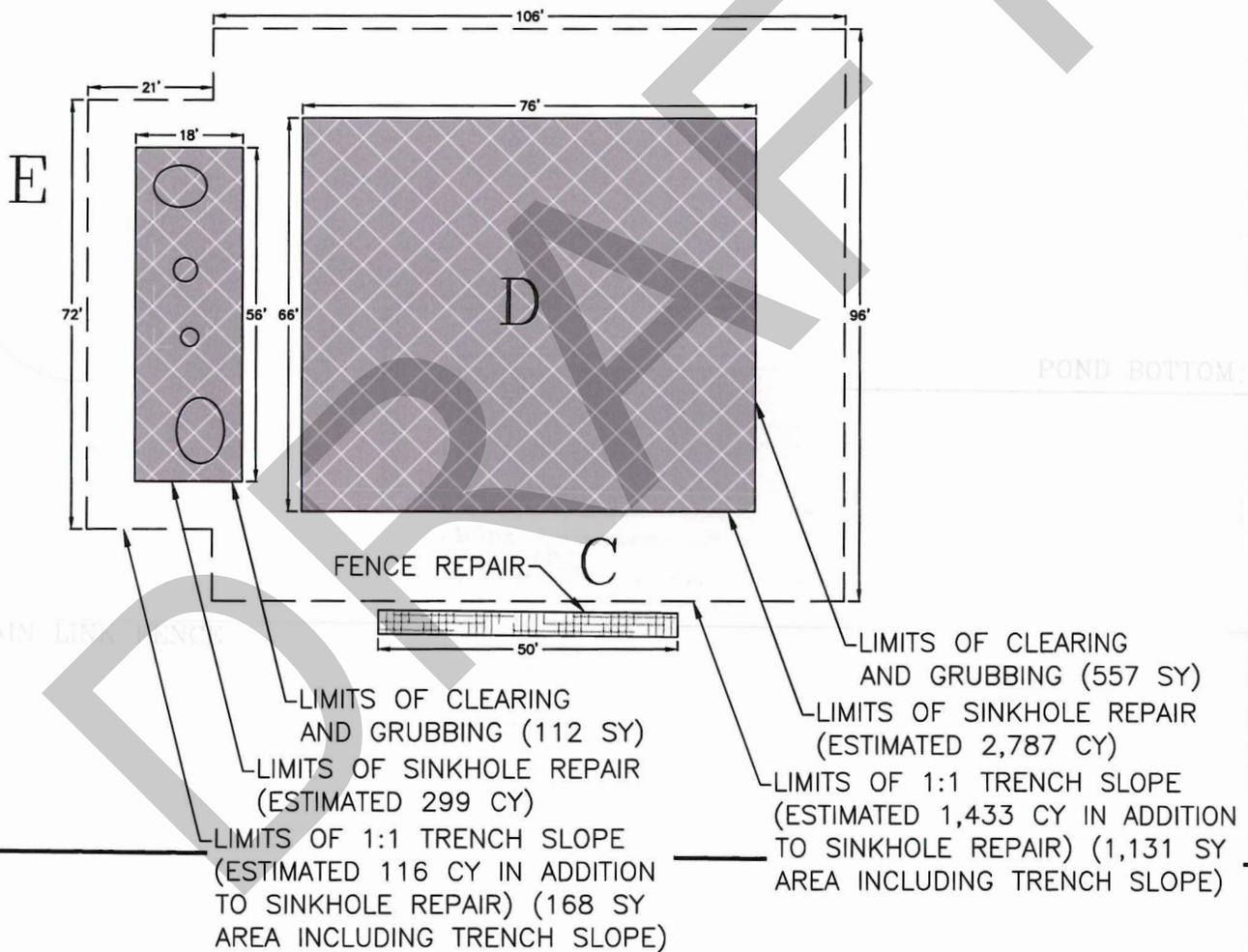
SCALE: N.T.S
DATE: 10/16/24
FILE: MP 78.DWG

LEGEND

-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  FENCE DAMAGE
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



DRA 1138



NW 35TH STREET



Marion County
Office of the County Engineer
412 SE 25th Ave. Ocala, FL 34471

LOCATION 3 FIGURE 3
MP 78 DRA 1138
N.W. 44TH AVE

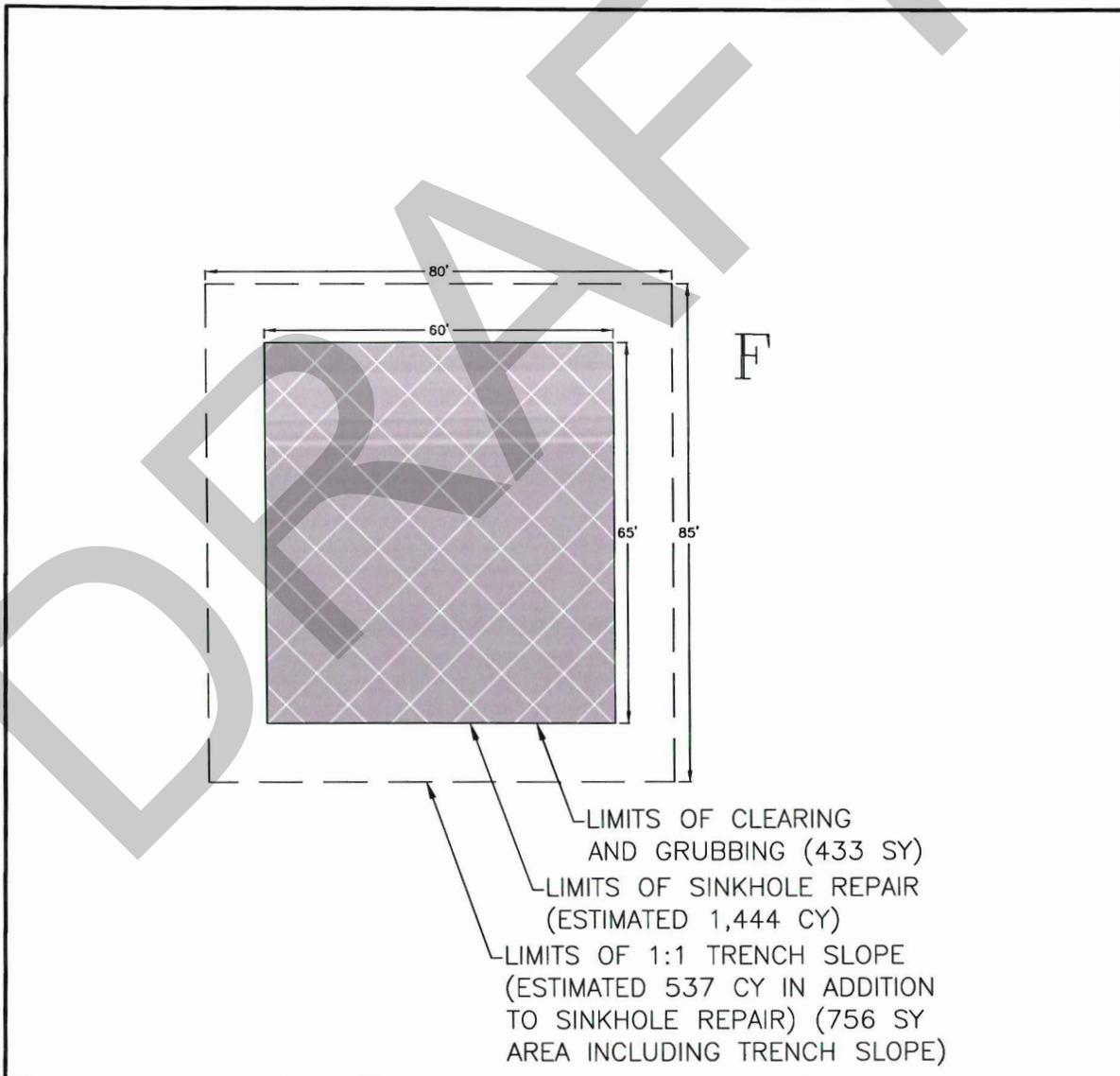
SCALE: N.T.S
DATE: 10/16/24
FILE: MP 78.DWG

LEGEND

-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  FENCE DAMAGE
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



DRA 1138



—LIMITS OF CLEARING AND GRUBBING (433 SY)
 —LIMITS OF SINKHOLE REPAIR (ESTIMATED 1,444 CY)
 —LIMITS OF 1:1 TRENCH SLOPE (ESTIMATED 537 CY IN ADDITION TO SINKHOLE REPAIR) (756 SY AREA INCLUDING TRENCH SLOPE)



Marion County
 Office of the County Engineer
 412 SE 25th Ave. Ocala, FL 34471

LOCATION 3 FIGURE 4
 MP 78 DRA 1138
 N.W. 44TH AVE

SCALE: N.T.S
 DATE: 10/16/24
 FILE: MP 78.DWG

LEGEND

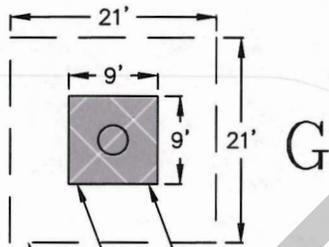
-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  FENCE DAMAGE
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



DRA 1138

CHAIN LINK FENCE

NW 44TH AVENUE



- LIMITS OF CLEARING AND GRUBBING (9 SY)
- LIMITS OF SINKHOLE REPAIR (ESTIMATED 18 CY)
- LIMITS OF 1:1 TRENCH SLOPE (ESTIMATED 40 CY IN ADDITION TO SINKHOLE REPAIR) (49 SY AREA INCLUDING TRENCH SLOPE)

POND BOTTOM



Marion County
Office of the County Engineer
412 SE 25th Ave. Ocala, FL 34471

LOCATION 3 FIGURE 5
MP 78 DRA 1138
N.W. 44TH AVE

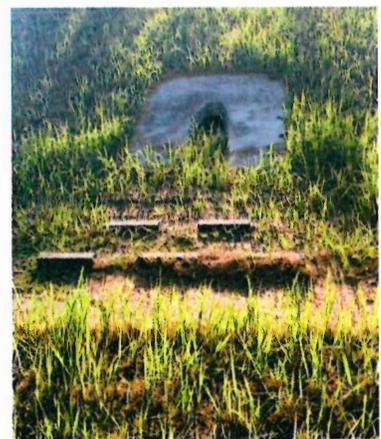
SCALE: N.T.S
DATE: 10/16/24
FILE: MP 78.DWG

**MP 78 Major Maintenance Project
Scope of Work**

Work Location 4



DRA #	1139
Parcel ID #	13689+000-00
Area in Acres	4.2
Type	Dry
Const. Type	Constructed
Fencing Type	Chain Link
Side Slope	4:1
Subdivision	N/A
Estimated Address	NW 44 th AVE
Latitude	N 29° 14'07.5"
Longitude	W 82° 11'33.8"



**MP 78 Major Maintenance Project
Scope of Work**

Work Location 4

Quantity	Work Description
1 LS	<p>01 West side of DRA: Construction Entrance</p> <p>There is an existing driveway into the DRA. The CONTRACTOR will be responsible for repairs to any damage to the concrete driveway, curbs, or asphalt roadway where trucks and equipment are entering and exiting the DRA, this shall be considered incidental to this pay item.</p> <p>The logistics of utilizing this area to access the DRA is considered part of this pay item, which includes placement of material to construct a driveway/entrance that enables construction vehicles to enter and exit the DRA. Lime rock and crushed concrete are not suitable material for a construction entrance. Refer to Construction Entrance Detail or Construction Entrance with Pipe Detail. At the conclusion of the project, this entrance must be removed and the area restored to the original condition or better. Sod is to be used to permanently stabilize the construction entrance area, which is included in pay item 5.4 of the bid form (400 SY).</p> <p>Sweeping of the county road is to be conducted by the CONTRACTOR to ensure sediment is removed from the road and the right-of-way at the end of each work day. These activities are part of the Construction Entrance pay item.</p> <p>Contractor to install and maintain a rain gauge on-site. The rain gauge will need to be reset the morning after each rain event. Please do not empty the rain gauge until a Marion County Inspector is on-site to record the amount of rainfall.</p>
278 SY	<p>02 NW corner of DRA at MES Outfall: Standard clear and grub 50' wide x 50' long area (See Construction Drawing Figure 2 Location A). Includes removal of brush and debris. At time of inspection, MES outfall was holding water. Line item 1.4 has been added to address this.</p>
278 SY	<p>03 Finish grade and sod with Bahia. Pallet sod only.</p>
1 LS	<p>04 Pipe running underneath NW 44th AVE: Desilt existing stormwater pipe (66" CMP). See Construction Drawing Figure 1. Included in pay item 1.3 of the bid form.</p>
22 SY	<p>05 NE corner of DRA: Standard clear and grub 10' wide x 10' long area (See Construction Drawing Figure 3 Locations B and C). Includes removal of brush and debris.</p>
22 SY	<p>06 Finish grade and sod with Bahia. Pallet sod only.</p>
394 SY	<p>07 NE side of the DRA: Perform standard clearing and grubbing in area of sinkhole construction activity. See Construction Drawing Figure 3 Locations D and E.</p>

MP 78 Major Maintenance Project
Scope of Work

Work Location 4

1 LS

08 NE side of the DRA: Earthwork including Sinkhole repair in DRA bottom. See Construction Drawing Figure 3 Locations D and E.

1. Vegetative and soil material removed from this area shall be properly disposed. Removed topsoil can be reused by the CONTRACTOR as part of the Earthwork pay item. If other material is reused, the material must be raked for removal of roots and other debris prior to placement. Removal of this material from the reused topsoil is considered incidental.
2. Repair of sinkhole area in DRA pond bottom.
 - a. The construction limits of the sinkhole area impact a volume of 2,047 cubic yards (CY) (does not include volume impacted by trench slopes). The construction limits of sinkhole area D is a total of 369 square yards (SY) with a maximum depth of 17 feet. The construction limits of sinkhole area E is 25 square yards (SY) with a maximum depth of 6 feet. The sinkhole repair area is 15 feet x 15 feet with a maximum depth of 6 feet below existing ground.
 - b. The Contractor shall over-excavate a minimum horizontal distance of three (3) feet beyond the outside edge of the depression and a minimum vertical distance of three (3) feet to expose solution tubes (included in dimensions and depths above). Solution tubes shall then be crushed and backfilled with suitable material.
 - c. Suitable material must be used to backfill the sinkhole. The Contractor shall utilize either onsite material or clean borrow material. Using the AASHTO Soil Classification System, the material used will need to be classified by the Contractor as A-2-4, A-2-5, A-2-6, A-4 or A-5 to backfill the sinkhole area to match existing elevations. When using on-site material, limerock/rock/boulders larger than two (2) inches in diameter must be removed from excavated material prior to backfill of sinkhole. Each 12-inch lift must consist of homogeneous (same source) material (In Place Quantity: 2,047 CY).
 - d. During the repair of sinkhole/significant erosion, it may become necessary to go outside of the construction limits. This additional work will be addressed for payment in either of two ways, as determined by the COUNTY ENGINEER or his designee:
 1. Prorated at a cubic yard price, which will be determined by dividing the Earthwork pay item by the construction limit volume; or
 2. Time and materials based on labor and equipment rates.
 - e. Testing of the material and a standard proctor will be performed by the COUNTY prior to project commencement. It is the CONTRACTOR's responsibility to utilize means and methods to ensure that the material is worked such that, even if excavated wet, the material can be placed, compacted, and meet density requirements (90% of modified proctor). Failed density tests will be back charged to the Contractor.
 - f. Note: The CONTRACTOR is responsible for utilizing shoring or a trench slope to meet OSHA requirements. This work is considered incidental in the cost of the Earthwork pay item.

**MP 78 Major Maintenance Project
Scope of Work**

Work Location 4

1,497 SY

09 Bahia sod needed for sinkhole repair. Surface area to be sodded within the construction limits = 394 SY, additional sod quantity is estimated utilizing a 1:1 trench slope area = 703 SY, and construction entrance = 400 SY. Pallet sod only.

If a trench slope is not utilized, sod for that area will not be paid. If a gentler slope is used for the trench slope, the additional area will be considered as means and methods and the additional sod considered incidental to pay item sinkhole repair/earthwork.

DRAFT

LEGEND

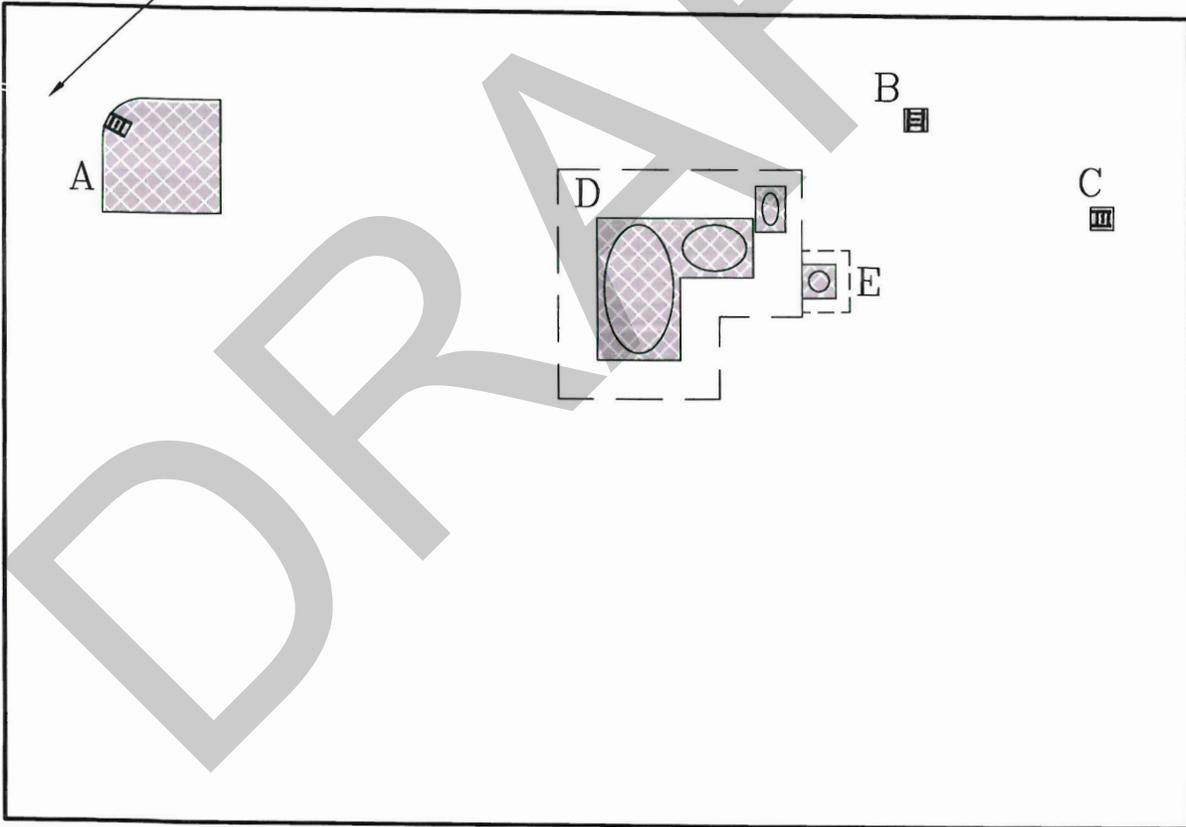
-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  SELECTIVE CLEAR & GRUB (TYP)
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



NW 44TH AVE

DRA 1139

DESILT STORMWATER PIPE



Marion County
Office of the County Engineer
412 SE 25th Ave. Ocala, FL 34471

LOCATION 4 FIGURE 1
MP 78 DRA 1139
N.W. 44TH AVE

SCALE: N.T.S
DATE: 9/16/24
FILE: MP 78.DWG

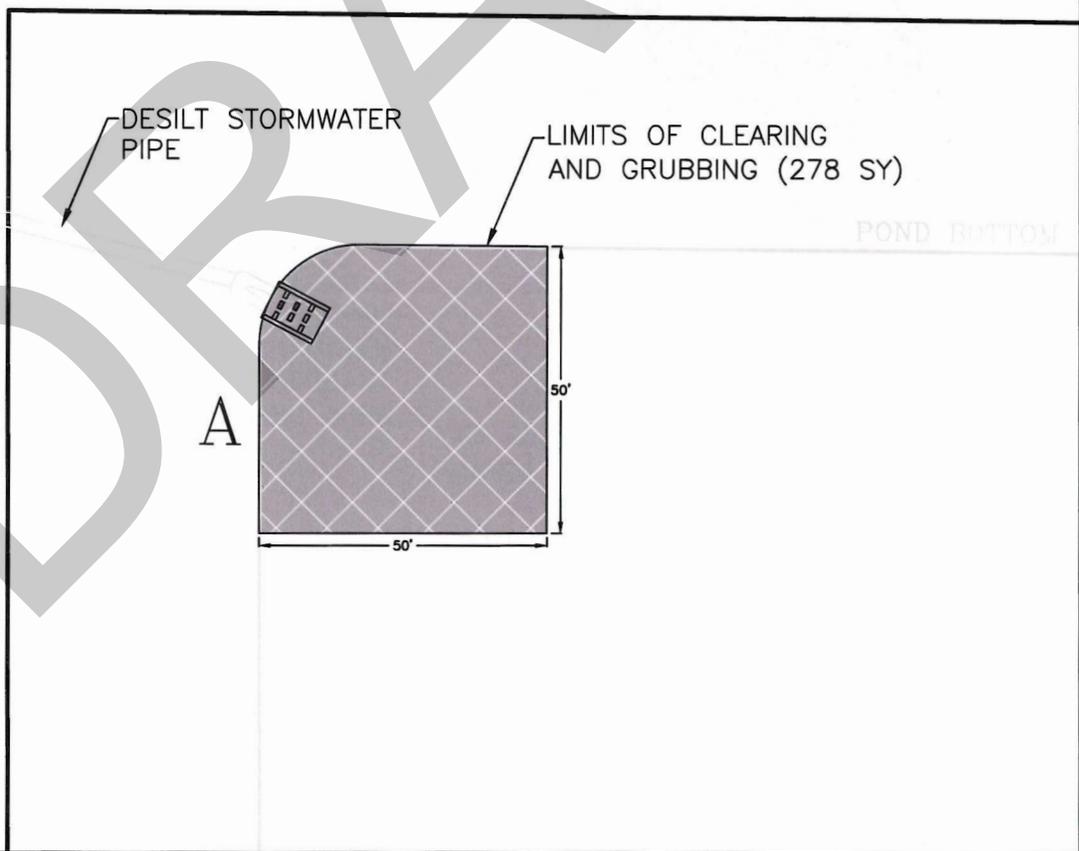
LEGEND

-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  SELECTIVE CLEAR & GRUB (TYP)
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



NW 44TH AVE

DRA 1139



Marion County
Office of the County Engineer
412 SE 25th Ave. Ocala, FL 34471

LOCATION 4 FIGURE 2
MP 78 DRA 1139
N.W. 44TH AVE

SCALE:	N.T.S
DATE:	9/16/24
FILE:	MP 78 DWG

LEGEND

-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  SELECTIVE CLEAR & GRUB (TYP)
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



DRA 1139

LIMITS OF CLEARING AND GRUBBING (11 SY)

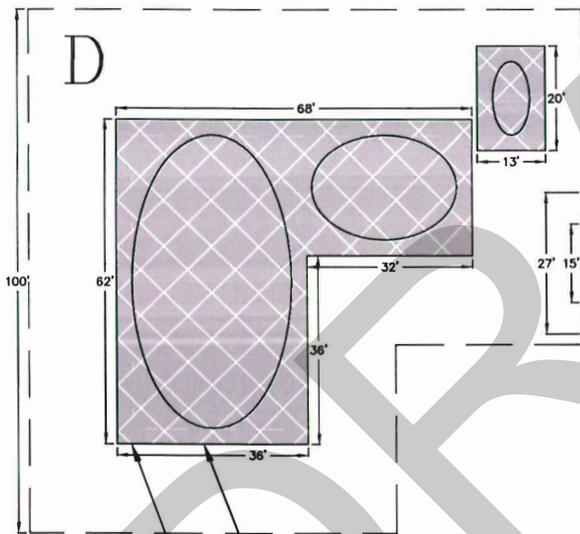


B

LIMITS OF CLEARING AND GRUBBING (11 SY)



C



D

- LIMITS OF CLEARING AND GRUBBING (25 SY)
- LIMITS OF SINKHOLE REPAIR (ESTIMATED 50 CY)
- LIMITS OF 1:1 TRENCH SLOPE (ESTIMATED 38 CY IN ADDITION TO SINKHOLE REPAIR) (63 SY AREA INCLUDING TRENCH SLOPE)

E

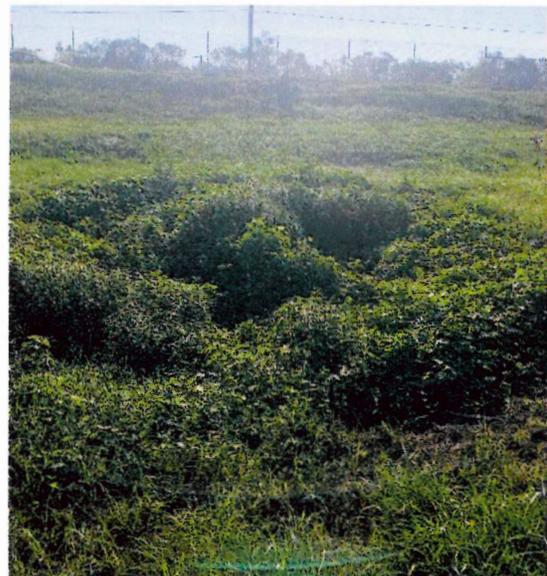
- LIMITS OF CLEARING AND GRUBBING (369 SY)
- LIMITS OF SINKHOLE REPAIR (ESTIMATED 1,997 CY)
- LIMITS OF 1:1 TRENCH SLOPE (ESTIMATED 1,931 CY IN ADDITION TO SINKHOLE REPAIR) (1,034 SY AREA INCLUDING TRENCH SLOPE)

**MP 78 Major Maintenance Project
Scope of Work**

Work Location 5



DRA # 1140
Parcel ID # 13535+004-00
Area in Acres 3.2
Type Dry
Const. Type Constructed
Fencing Type Chain Link
Side Slope 3:1
Subdivision Golden Meadow Farms
Estimated Address 5740 NW 44TH AVE
Latitude N 29° 14'46.2"
Longitude W 82° 11'41.3"



**MP 78 Major Maintenance Project
Scope of Work**

Work Location 5

Quantity	Work Description
1 LS	<p>01 East side of DRA: Construction Entrance</p> <p>There is an existing driveway into the DRA. The CONTRACTOR will be responsible for repairs to any damage to the concrete driveway, curbs, or asphalt roadway where trucks and equipment are entering and exiting the DRA, this shall be considered incidental to this pay item.</p> <p>The logistics of utilizing this area to access the DRA is considered part of this pay item, which includes placement of material to construct a driveway/entrance that enables construction vehicles to enter and exit the DRA. Construction Entrance's rock level will be at same elevation as concrete where rock Construction Entrance abuts the concrete driveway. Lime rock and crushed concrete are not suitable material for a construction entrance. Refer to Construction Entrance Detail or Construction Entrance with Pipe Detail. At the conclusion of the project, this entrance must be removed and the area restored to the original condition or better. Sod is to be used to permanently stabilize the construction entrance area, which is included in pay item 6.5 of the bid form (400 SY).</p> <p>Sweeping of the county road is to be conducted by the CONTRACTOR to ensure sediment is removed from the road and the right-of-way at the end of each work day. These activities are part of the Construction Entrance pay item.</p> <p>Contractor to install and maintain a rain gauge on-site. The rain gauge will need to be reset the morning after each rain event. Please do not empty the rain gauge until a Marion County Inspector is on-site to record the amount of rainfall.</p>
1200 LF	<p>02 Construction Drawing Figures 1-3: Limb up trees on County side of the fence per ANSI A300 and Special Provisions SP-14/SP-16. All trees shall be limbed up to a height of 12 feet.</p>
117 SY	<p>03 NE corner of DRA at MES Outfall: Standard clear and grub 30' wide x 35' long area (See Construction Drawing Figure 2). Includes removal of brush and debris. MES outfall has a history of holding water. Line item 1.4 has been added to address this.</p>
117 SY	<p>04 Finish grade and sod with Bahia. Pallet sod only.</p>
1 LS	<p>05 Pipe running underneath NW 44th AVE: Desilt existing stormwater pipe (36" CMP). See Construction Drawing Figure 1. Included in pay item 1.3 of the bid form.</p>
9 SY	<p>06 South side of DRA: Perform standard clearing and grubbing in area of sinkhole construction activity. See Construction Drawing Figure 3.</p>
1 LS	<p>07 South side of DRA: Earthwork including Sinkhole repair in DRA bottom. See Construction Drawing Figure 3.</p>

**MP 78 Major Maintenance Project
Scope of Work**

Work Location 5

1. Vegetative and soil material removed from this area shall be properly disposed. Removed topsoil can be reused by the CONTRACTOR as part of the Earthwork pay item. If other material is reused, the material must be raked for removal of roots and other debris prior to placement. Removal of this material from the reused topsoil is considered incidental.

2. Repair of sinkhole area in DRA pond bottom.
 - a. The construction limits of the sinkhole area impact a volume of 14 cubic yards (CY) (does not include volume impacted by trench slopes). The construction limits of the sinkhole area is 9 square yards (SY) with a maximum depth of 4.5 feet. The sinkhole repair area is 9 feet x 9 feet with a maximum depth of 4.5 feet below existing ground.
 - b. The Contractor shall over-excavate a minimum horizontal distance of three (3) feet beyond the outside edge of the depression and a minimum vertical distance of three (3) feet to expose solution tubes (included in dimensions and depths above). Solution tubes shall then be crushed and backfilled with suitable material.
 - c. Suitable material must be used to backfill the sinkhole. The Contractor shall utilize either onsite material or clean borrow material. Using the AASHTO Soil Classification System, the material used will need to be classified by the Contractor as A-2-4, A-2-5, A-2-6, A-4 or A-5 to backfill the sinkhole area to match existing elevations. When using on-site material, limerock/rock/boulders larger than two (2) inches in diameter must be removed from excavated material prior to backfill of sinkhole. Each 12-inch lift must consist of homogeneous (same source) material (In Place Quantity: 14 CY).
 - d. During the repair of sinkhole/significant erosion, it may become necessary to go outside of the construction limits. This additional work will be addressed for payment in either of two ways, as determined by the COUNTY ENGINEER or his designee:
 1. Prorated at a cubic yard price, which will be determined by dividing the Earthwork pay item by the construction limit volume; or
 2. Time and materials based on labor and equipment rates.
 - e. Testing of the material and a standard proctor will be performed by the COUNTY prior to project commencement. It is the CONTRACTOR's responsibility to utilize means and methods to ensure that the material is worked such that, even if excavated wet, the material can be placed, compacted, and meet density requirements (90% of modified proctor). Failed density tests will be back charged to the Contractor.
 - f. Note: The CONTRACTOR is responsible for utilizing shoring or a trench slope to meet OSHA requirements. This work is considered incidental in the cost of the Earthwork pay item.

436 SY

08 South side of DRA: Bahia sod needed for sinkhole repair. Surface area to be sodded within the construction limits = 9 SY, additional sod quantity is estimated utilizing a 1:1 trench slope area = 27 SY, and construction entrance = 400 SY. Pallet sod only.

**MP 78 Major Maintenance Project
Scope of Work**

Work Location 5

If a trench slope is not utilized, sod for that area will not be paid. If a gentler slope is used for the trench slope, the additional area will be considered as means and methods and the additional sod considered incidental to pay item sinkhole repair/earthwork.

1 LS

09 Entrance Gate: during the initial scope of the project, it was discovered that the entrance gate had come off its hinges. This line item includes the repair or replacement of the gate.

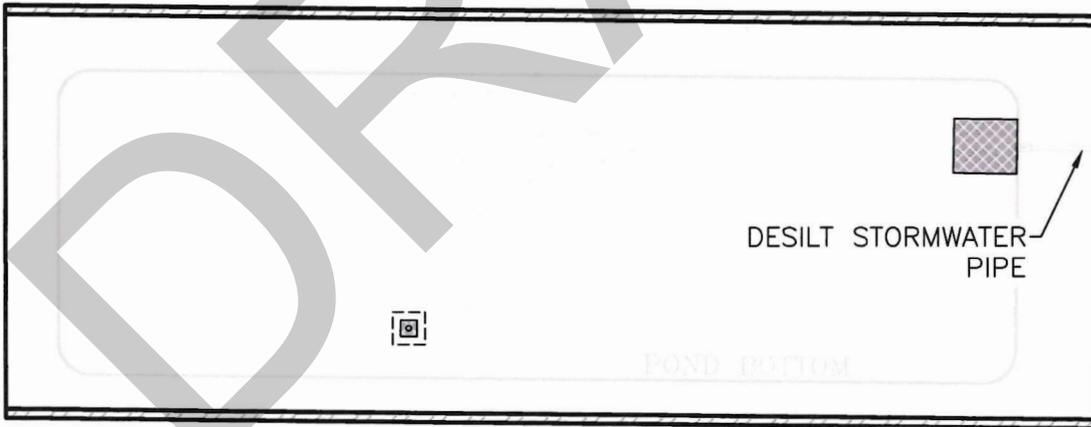
DRAFT

LEGEND

-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  SELECTIVE CLEAR & GRUB (TYP)
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



DRA 1140



NW 44TH AVE



Marion County
Office of the County Engineer
412 SE 25th Ave. Ocala, FL 34471

LOCATION 5 FIGURE 1
MP 78 DRA 1140
N.W. 44TH AVE

SCALE: N.T.S.
DATE: 9/18/24
FILE: MP 78.DWG

LEGEND

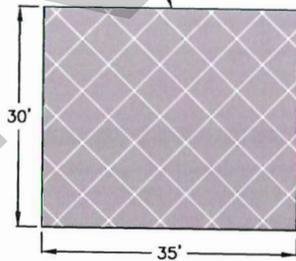
-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  SELECTIVE CLEAR & GRUB (TYP)
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



DRA 1140

600'

LIMITS OF CLEARING
AND GRUBBING (117 SY)



NW 44TH AVE



Marion County
Office of the County Engineer
412 SE 25th Ave. Ocala, FL 34471

LOCATION 5 FIGURE 2
MP 78 DRA 1140
N.W. 44TH AVE

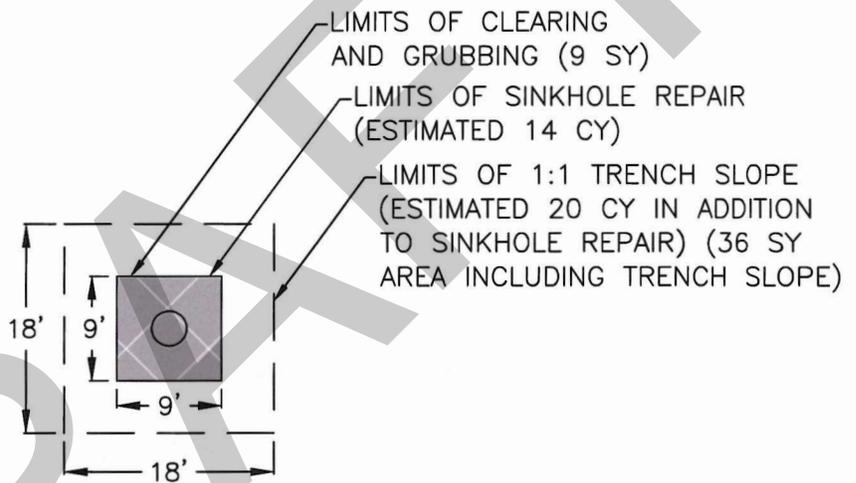
SCALE:	NTS
DATE:	9/18/24
FILE:	MP 78.DWG

LEGEND

-  STANDARD CLEAR & GRUB (TYP)
-  LIMB UP TREES ALONG FENCE LINE (TYP)
-  SELECTIVE CLEAR & GRUB (TYP)
-  FLARED END SECTION (FES)
-  FINISH GRADE & SOD AREA (TYP)



DRA 1140



POND BOTTOM

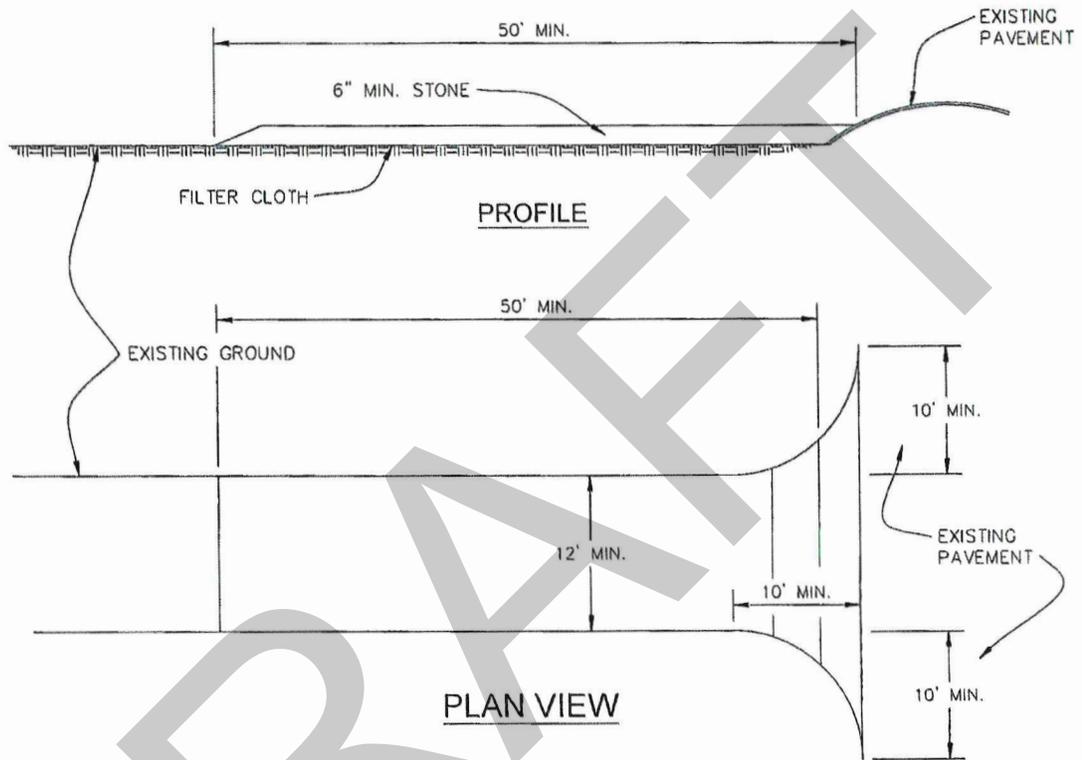
600'



Marion County
Office of the County Engineer
412 SE 25th Ave. Ocala, FL 34471

LOCATION 5 FIGURE 3
MP 78 DRA 1140
N.W. 44TH AVE

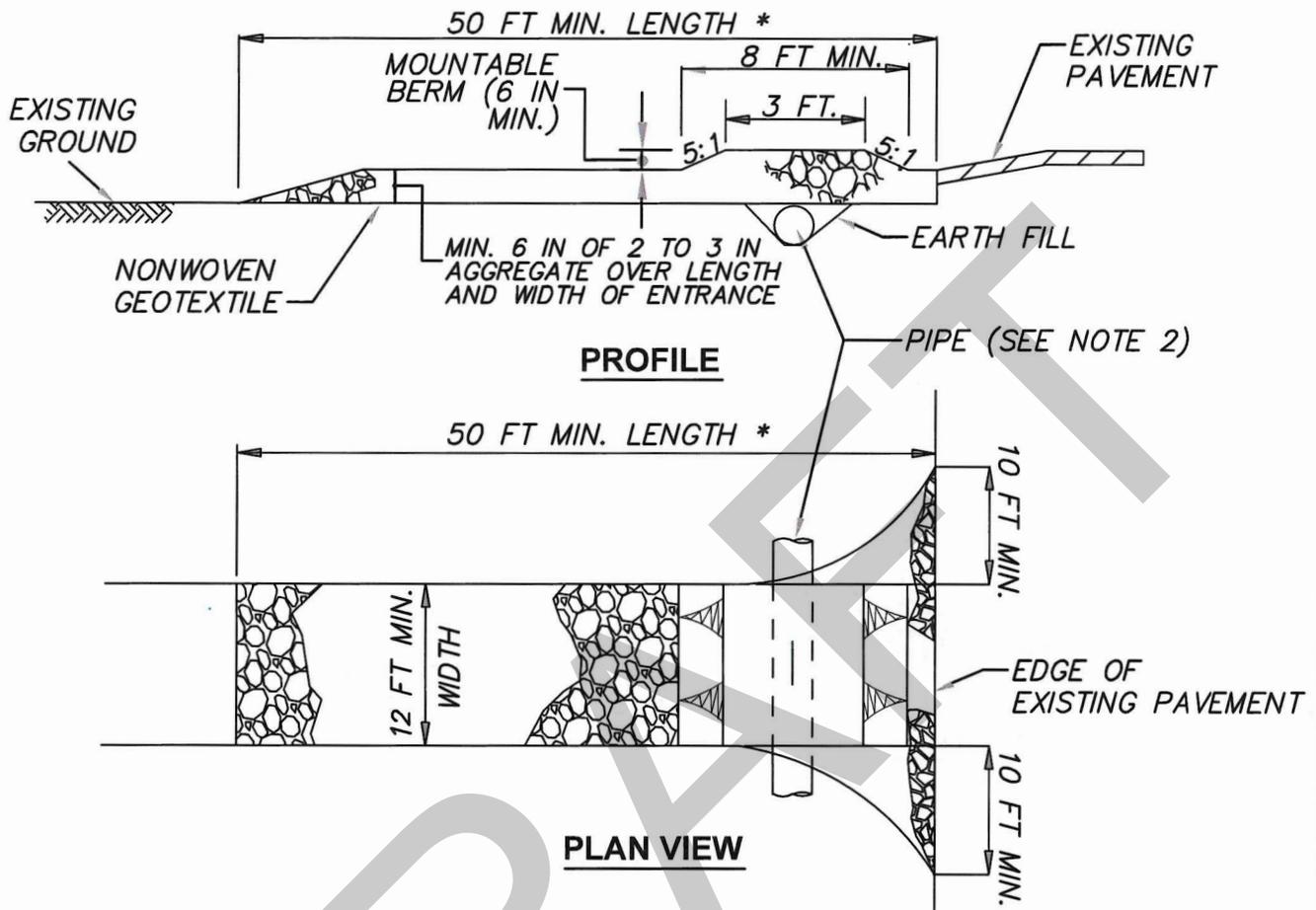
SCALE: N.T.S
DATE: 9/18/24
FILE: MP 78.DWG



STABILIZED CONSTRUCTION ENTRANCE

1. STONE SIZE - USE 2" STONE, GRANITE OR HARD ROCK.
2. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

1. PLACE THE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE A MINIMUM LENGTH OF 50 FEET AND A MINIMUM WIDTH OF 12 FEET. FLARE THE SCE AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
2. PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE (MAINTAIN POSITIVE DRAINAGE). PROVIDE PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN THE SCE IS NOT LOCATED AT A HIGH SPOT.
3. PREPARE SUBGRADE AND PLACE GEOTEXTILE OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE.
4. PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE. USE 2-3 INCH STONE, GRANITE, OR HARD ROCK.
5. MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. SWEEPING OF THE COUNTY ROAD IS TO BE CONDUCTED BY THE CONTRACTOR TO ENSURE SEDIMENT IS REMOVED FROM THE ROAD AND THE RIGHT-OF-WAY AT THE END OF EACH WORK DAY.



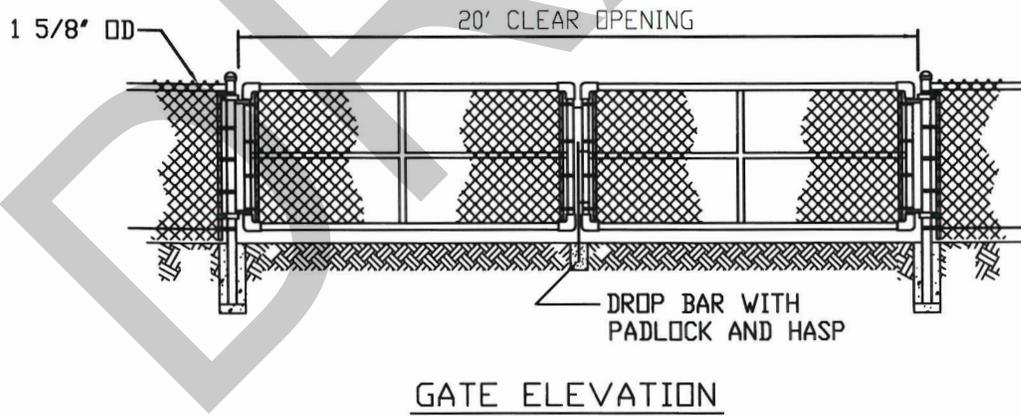
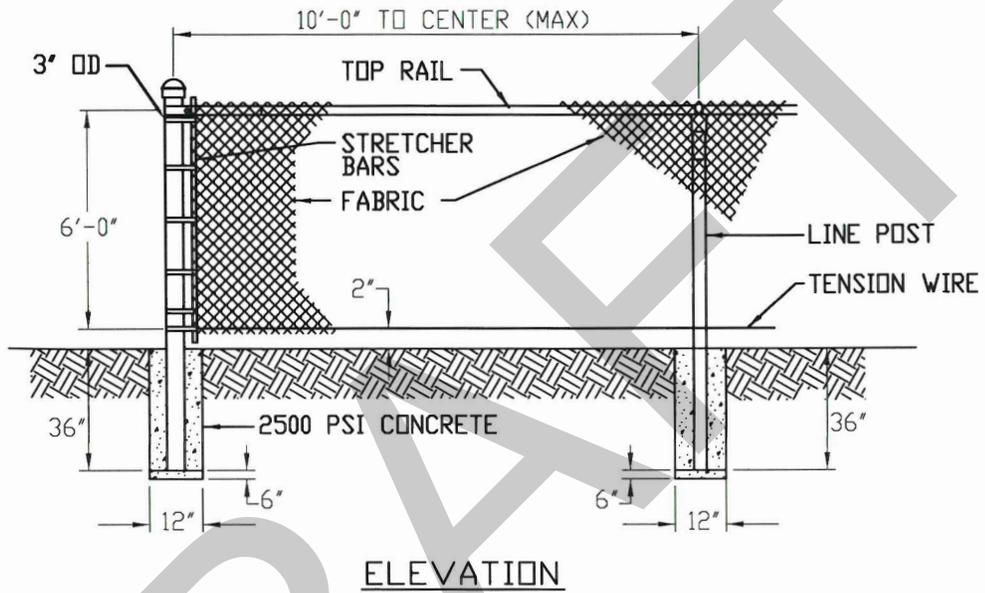
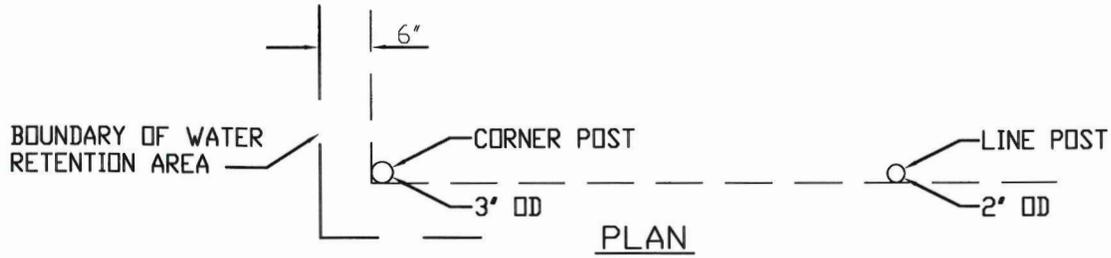
Marion County
Office of the County Engineer
412 SE 25th Ave. Ocala, FL 34471

TYPICAL CONSTRUCTION ENTRANCE
DETAIL WITH TEMPORARY PIPE

SCALE: NTS

DATE: 1/18/2024

FILE: Construction Detail
with Pipe.DWG



SPECIFICATION											DETAIL
REVISIONS											28
MARION COUNTY UTILITIES MARION COUNTY, FLORIDA						FENCE DETAILS					B
											LDC-28

Quote Form

MP 78 Major Maintenance

Item No.	Description of Services	Bid Quantity	Unit of Measure	Unit Price	Total Price	
1 General						
1.1	Mobilization	1	LS	\$ 14,844.00	\$ 14,844.00	
1.2	MOT	1	LS	\$ 24,280.00	\$ 24,280.00	
1.3	Desilt Stormwater Pipes	1	LS	\$ 13,596.00	\$ 13,596.00	
1.4	Dewatering	1	LS	\$ 1,558.00	\$ 1,558.00	
2 DRA 1136						
2.1	Construction Entrance - embankment	1	LS	\$ 11,932.00	\$ 11,932.00	
2.2	Clearing and Grubbing - Standard	86	SY	\$ 12.00	\$ 1,032.00	
2.3	Earthwork - Sinkhole Repair	1	LS	\$ 18,412.00	\$ 18,412.00	
2.4	Bahia Sod	686	SY	\$ 6.00	\$ 4,116.00	
					Total DRA 1136	\$ 35,492.00
3 DRA 1137						
3.1	Construction Entrance - embankment	1	LS	\$ 11,932.00	\$ 11,932.00	
3.2	Limb Up Trees - Fence Line	120	LF	\$ 7.00	\$ 840.00	
3.3	Clearing and Grubbing - Standard	225	SY	\$ 20.00	\$ 4,500.00	
3.4	Bahia Sod	625	SY	\$ 6.00	\$ 3,750.00	
					Total DRA 1137	\$ 21,022.00
4 DRA 1138						
4.1	Construction Entrance - embankment	1	LS	\$ 11,932.00	\$ 11,932.00	
4.2	Clearing and Grubbing - Standard	1222	SY	\$ 3.00	\$ 3,666.00	
4.3	Earthwork - Sinkhole Repair	1	LS	\$ 224,029.00	\$ 224,029.00	
4.4	Bahia Sod	2615	SY	\$ 6.00	\$ 15,690.00	
4.5	Fence Repair	1	LS	\$ 3,059.00	\$ 3,059.00	
					Total DRA 1138	\$ 258,376.00
5 DRA 1139						
5.1	Construction Entrance - embankment	1	LS	\$ 11,932.00	\$ 11,932.00	
5.2	Clearing and Grubbing - Standard	694	SY	\$ 5.00	\$ 3,470.00	
5.3	Earthwork - Sinkhole Repair	1	LS	\$ 100,011.00	\$ 100,011.00	
5.4	Bahia Sod	1797	SY	\$ 6.00	\$ 10,782.00	
					Total DRA 1139	\$ 126,195.00
6 DRA 1140						
6.1	Construction Entrance - embankment	1	LS	\$ 11,932.00	\$ 11,932.00	
6.2	Limb Up Trees - Fence Line	1200	LF	\$ 6.00	\$ 7,200.00	
6.3	Clearing and Grubbing - Standard	126	SY	\$ 10.00	\$ 1,260.00	
6.4	Earthwork - Sinkhole Repair	1	LS	\$ 2,558.00	\$ 2,558.00	
6.5	Bahia Sod	553	SY	\$ 6.00	\$ 3,318.00	
6.6	Repair Entrance Gate	1	LS	\$ 1,835.00	\$ 1,835.00	
					Total DRA 1140	\$ 28,103.00
					Total Project Cost	\$ 523,466.00
Contingency						
C.1	Environmental Coordination and Survey	1	LS	\$ 1,805.00		
C.2	Gopher Tortoise - Recipient Site Fee	1	EA	\$ 9,885.00		
C.3	Gopher Tortoise - Protected On-Site	1	EA	\$ 2,719.00		
Signature of Authorized Representative:						
Printed:						
Date:						

Cheryl Paulley
 Cheryl Paulley
 1/29/2025