

March 19, 2024

PROJECT NAME: ADVANCE AUTO PARTS

PROJECT NUMBER: 2023030035

APPLICATION: MAJOR SITE PLAN #30435

- 1 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.2.B(8) - Calculation & Plan Consistency
STATUS OF REVIEW: INFO
REMARKS: This criteria to be reviewed with resubmittal.
- 2 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.10.B - Copy of NPDES Permit or NOI
STATUS OF REVIEW: INFO
REMARKS: Please provide a copy of the NPDES permit or NOI prior to construction.
- 3 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: Copy of District Permit (County Interest)
STATUS OF REVIEW: INFO
REMARKS: Please provide a copy of the District permit prior to construction.
- 4 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: Additional Stormwater comments
STATUS OF REVIEW: INFO
REMARKS: If you have questions or would like to discuss the stormwater review comments, please contact Kevin Vickers, PE at 352-671-8695 or kevin.vickers@marionfl.org.
- 5 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW
REVIEW ITEM: 2.12.4.K - List of approved waivers, their conditions, and the date of approval
STATUS OF REVIEW: INFO
REMARKS: 10/4/23 - add waivers if requested in the future
- 6 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW
REVIEW ITEM: Additional Development Review Comments
STATUS OF REVIEW: INFO
REMARKS: After approval, plans will be electronically stamped by the County. The applicant will receive an email indicating that approved plans are available for download and are located in the ePlans project Approved folder. For Development Review submittals, with the exception of Final Plats and Minor Site Plans, applicants are required to print, obtain required signatures, and sign and seal two 24"x 36" sets of the electronically stamped approved plan and deliver them to the Office of County Engineer, Development Review Section, located at 412 SE 25th Avenue Ocala, FL 34471. Upon receipt, a development order will be issued. Until such time as that development order is issued, the project does not have final approval and construction, if applicable, shall not commence. For plans requiring As-Builts, As-Builts and associated documentation shall be submitted on paper in accordance with current county requirements.
- 7 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.14.5.C - All issued permits related to this project shall be submitted to MCU (DOT, ROW, misc)
STATUS OF REVIEW: INFO
REMARKS:

- 8 DEPARTMENT: DOH - ENVIRONMENTAL HEALTH
REVIEW ITEM: Additional Health comments
STATUS OF REVIEW: INFO
REMARKS:
- 9 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW
REVIEW ITEM: 2.12.4.L(2,3, & 5)/6.3.1C(15)(g) - DRI/FQD Compliance Note?
STATUS OF REVIEW: INFO
REMARKS: Being within the Marion Oaks DRI, Sec. 6.3.1C(15)(g) applies
- 10 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW
REVIEW ITEM: 2.12.4.L(5)/5.7 - Wellhead Protection - P/S/T Zones Shown/Listed?
STATUS OF REVIEW: INFO
REMARKS: Please provide.
- 11 DEPARTMENT: ZONE - ZONING DEPARTMENT
REVIEW ITEM: 4.4.4 -Sign (provisions for advertising signage), if it is a multi occupancy complex like shopping centers they must submit a master sign plan.
STATUS OF REVIEW: INFO
REMARKS: Will there be any signs? Provide location and dimensions of all proposed signage.
- 12 DEPARTMENT: ZONE - ZONING DEPARTMENT
REVIEW ITEM: 2.12.27 - Show location of outside storage areas
STATUS OF REVIEW: INFO
REMARKS: Will there be any outside storage?
- 13 DEPARTMENT: ENRAA - ACQ AGENT ENG ROW
REVIEW ITEM: Major Site Plan
STATUS OF REVIEW: INFO
REMARKS: IF APPLICABLE:
Sec. 2.18.1.I - Show connections to other phases.
Sec.2.19.2.H – Legal Documents
Legal documents such as Declaration of Covenants and Restrictions, By-Laws, Articles of Incorporation, ordinances, resolutions, etc.
Sec. 6.3.1.B.1 – Required Right of Way Dedication (select as appropriate)
For Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated for the use and benefit of the public."
Sec. 6.3.1.B.2 – Required Right of Way Dedication
For Non-Public Streets. "[All streets and rights-of-way shown on this plat or name specifically if less than all] are hereby dedicated privately to the [entity name]. All public authorities and their personnel providing services to the subdivision are granted an easement for access. The Board of County Commissioners of Marion County, Florida, shall have no responsibility, duty, or liability whatsoever regarding such streets. Marion County is granted an easement for emergency maintenance in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk."
Sec. 6.3.1.D.3 - Cross Access Easements
For Cross Access Easements. "All parallel access easements shown on this plat are hereby dedicated for the use and benefit of the public, and maintenance of said easements is the responsibility of [entity name]."
Sec. 6.3.1.C.1 - Utility Easements (select as appropriate)
"[All utility easements shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction, installation, maintenance, and operation of utilities by any utility provider."
Sec. 6.3.1.C.2 – Utility Easements

"[All utility tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities."

Sec.6.3.1.D(c)(1)(2)(3) - Stormwater easements and facilities, select as appropriate:

1. "[All stormwater and drainage easements as shown or noted or name specifically if less than all] are dedicated [private or to the public] for the construction and maintenance of such facilities."
2. "[All stormwater management tracts or identify each tract as appropriate] as shown are dedicated [private or to the public] for the construction and maintenance of such facilities."
3. When any stormwater easement and/or management tract is not dedicated to the public or Marion County directly, the following statement shall be added to the dedication language: "Marion County is granted the right to perform emergency maintenance on the [stormwater easement and/or management tract, complete accordingly] in the event of a local, state, or federal state of emergency wherein the declaration includes this subdivision or an emergency wherein the health, safety, or welfare of the public is deemed to be at risk."

Sec.6.3.1.D(f) –

If a Conservation Easement is required the following shall be provided: "A conservation easement [as shown or on tract and identify the tract, complete accordingly] is dedicated to [the Board of County Commissioners of Marion County, Florida or entity name, if not Marion County] for the purpose of preservation of [listed species, habitat, Karst feature and/or native vegetation, complete accordingly]."

14 DEPARTMENT: ENGDRN - STORMWATER REVIEW

REVIEW ITEM: 2.12.38 - Stormwater Maintenance Entity

STATUS OF REVIEW: NO

REMARKS: Please submit documentation that Tyler Bradford is authorized to sign on behalf of CAHABA CAPITAL GROUP, LLC. This organization is not listed on Sunbiz.

15 DEPARTMENT: ENGDRN - STORMWATER REVIEW

REVIEW ITEM: 6.13.2.C - Geotechnical Investigation Report

STATUS OF REVIEW: NO

REMARKS: Please submit a geotechnical report for review.

16 DEPARTMENT: ENGDRN - STORMWATER REVIEW

REVIEW ITEM: 6.13.7 - Geotechnical Criteria

STATUS OF REVIEW: NO

REMARKS: (1) Please note that the LDC requires a minimum of two borings per DRA, with an additional boring for each half acre of pond bottom. (2) Please also note that the LDC requires that for each retention/detention area utilizing percolation or infiltration in the design model, there shall be a minimum of two infiltration rate tests for each retention/detention area. (3) LDC requires that borings extend a minimum of 10' below the bottom of the proposed ponds. (4) Please show boring locations on the plans.

17 DEPARTMENT: ENGDRN - STORMWATER REVIEW

REVIEW ITEM: 6.13.2 A(1)/(2) - Contributing Basins/Tc

STATUS OF REVIEW: NO

REMARKS: See comment under "6.13.2.B(4) - Hydrologic Analysis"

18 DEPARTMENT: ENGDRN - STORMWATER REVIEW

REVIEW ITEM: 6.13.2.B(1)/(2) - Runoff Analysis/ Tc Calculations

STATUS OF REVIEW: NO

REMARKS: See comment under "6.13.2.B(4) - Hydrologic Analysis"

19 DEPARTMENT: ENGDRN - STORMWATER REVIEW

REVIEW ITEM: 6.13.2.A(3) - Retention/Detention Area Design Parameters

STATUS OF REVIEW: NO

REMARKS: (1) Please update DRA cross sections to include appropriate vegetative cover on the pond

bottom. (2) Please add the following note with the pond cross section: "A minimum of three feet of unconsolidated soil material shall be provided between the surface of any limestone bedrock and the bottom and sides of any stormwater facility." (3) Add coordinates or dimensions to the major pond components (changes in alignment, corners, etc) for constructability.

- 20 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.3 - Type of Stormwater Facility Criteria
STATUS OF REVIEW: NO
REMARKS: Retention/detention areas serving commercial lots shall be designed with a minimum berm width of 5 feet stabilized at a maximum of six percent grade maximum around the entire perimeter of the facility.
- 21 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.4 - Stormwater Quantity Criteria
STATUS OF REVIEW: NO
REMARKS: See comment under "6.13.2.B(4) - Hydrologic Analysis"
- 22 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.2.B(4) - Hydrologic Analysis
STATUS OF REVIEW: NO
REMARKS: (1) Please provide a pre/post analysis for the impervious area being added to the alley road. A portion of the site is draining offsite in this location as well. (2) Analysis will need to be reviewed after geotechnical inputs can be verified against the geotechnical engineer's report.
- 23 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.4.C - Discharge Conditions
STATUS OF REVIEW: NO
REMARKS: See comment under "6.13.2.B(4) - Hydrologic Analysis"
- 24 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.2.B(6) - Freeboard
STATUS OF REVIEW: NO
REMARKS: See comment under "6.13.2.B(4) - Hydrologic Analysis"
- 25 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.4.D - Recovery Analysis
STATUS OF REVIEW: NO
REMARKS: See comment under "6.13.2.B(4) - Hydrologic Analysis"
- 26 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.6 - Stormwater Quality Criteria
STATUS OF REVIEW: NO
REMARKS: Please indicate the proposed DRA stabilization method on the DRA cross section. DRAs less than 4' deep require the side slopes to be sodded and the bottom to be seeded and mulched at minimum. DRA bottoms may also be sodded.
- 27 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.8 - Stormwater Conveyance Criteria
STATUS OF REVIEW: NO
REMARKS: See comment under "6.13.2.B(5) - Hydraulic Analysis"

- 28 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.2.B(5) - Hydraulic Analysis
STATUS OF REVIEW: NO
REMARKS: Please submit conveyance system calculations for review.
- 29 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.2.A(9) - Access Accommodates Stormwater
STATUS OF REVIEW: NO
REMARKS: The driveway connection to 142nd appears to be crossing a swale on the south side of 142nd. Please provide accommodations to ensure continuity of drainage in the ROW.
- 30 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.8.B(7) - Minimum Pipe Size
STATUS OF REVIEW: NO
REMARKS: LDC requires conveyance pipes to be a minimum of 18" diameter or equivalent. Reduction in pipe size to 15" or an elliptical equivalent may be supported with corroborating calculations; applicants can request a waiver.
- 31 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.10 - Karst Topography and High Recharge Areas
STATUS OF REVIEW: NO
REMARKS: Please provide a signed & sealed Karst analysis.
- 32 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: 6.13.12 - Operation and Maintenance
STATUS OF REVIEW: NO
REMARKS: Please provide an O&M manual detailing the steps for operating and maintaining the proposed system of inlets, drains and DRAs. An owner's certification is required on the O&M manual. Certification to state "I hereby certify that I, my successor, and assigns shall perpetually operate and maintain the stormwater management and associated elements in accordance with the specifications shown herein and on the approved plan." The individual signing the certification needs to be an agent or member of the entity that will own and maintain the stormwater system, or an authorized signatory of that entity. If signatory is not an agent or member, a letter authorizing a different individual needs to be submitted with the signed documents. The authorization letter must be signed by and agent/officer of owner. Sunbiz will be used to verify agents and/or officers. Please contact reviewer if you need examples of O&M manuals accepted in the past.
- 33 DEPARTMENT: ENGDRN - STORMWATER REVIEW
REVIEW ITEM: Please provide a final signed and sealed hard copy signature page with references to the stormwater analysis or final hard copy of the full stormwater analysis.
STATUS OF REVIEW: NO
REMARKS: After all stormwater comments are resolved, please upload a digitally signed and sealed report. A hard copy signed and sealed report can be submitted if desired.
- 34 DEPARTMENT: ENGIN - DEVELOPMENT REVIEW
REVIEW ITEM: 2.21.2.B - Major Site Plan fee of \$250.00 + (\$5.00 x total site acreage) made payable to Marion County BCC
STATUS OF REVIEW: NO REMARKS:
- 35 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.14.2.C - Industrial Pretreatment
STATUS OF REVIEW: NO
REMARKS: Identify if there will be any activities performed onsite that will require an oil/water separator.

- 36 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.14.4 - Water (irrigation) Capital Charges and Flow Rates - total irrigated area identified
STATUS OF REVIEW: NO
REMARKS: Identify total SF of irrigation on response and/or Sheet C002 Note #38
- 37 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.14.5.A(1) - Submittal Requirements - Existing on-site & off-site mains and service connections
STATUS OF REVIEW: NO
REMARKS: see markups Sheet C002; revise
- 38 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.14.5.A(8) - Submittal Requirements - Connection to existing sanitary system
STATUS OF REVIEW: NO
REMARKS: see markups Sheet C002
- 39 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.14.7 - Construction Inspection - PLAN NOTE:
STATUS OF REVIEW: NO
REMARKS: Add to Sheet C002
"MCU personnel are to inspect any work performed on or around existing MCU infrastructure. A pre-construction meeting is required to be held a minimum of 48 hours prior to start of any construction. If the pre-construction meeting is not completed, any work may be halted. To schedule, contact MCU's Construction Officer at 352-307-6163."
- 40 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.15.3 - Fire Protection/Fire Flow Capacity
STATUS OF REVIEW: NO
REMARKS: see markups Sheet C002; note (hydrant)
- 41 DEPARTMENT: UTIL - MARION COUNTY UTILITIES
REVIEW ITEM: 6.15.7 - Cross Connection Control and Backflow Prevention
STATUS OF REVIEW: NO
REMARKS: see markups Sheet C002; note DDC
- 42 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW
REVIEW ITEM: 2.12.4.L(5)/5.2 - [Applicable ESOZ/FPOZ Status Listed?]
STATUS OF REVIEW: NO
REMARKS: Please provide.
- 43 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW
REVIEW ITEM: 2.12.4.L(5)/5.4 - [Applicable Springs Protection Zone Listed?]
STATUS OF REVIEW: NO
REMARKS: Please provide.
- 44 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW
REVIEW ITEM: 2.12.16/6.5 - [EALS or EALS-ER provided?]
STATUS OF REVIEW: NO
REMARKS: Please provide.

- 45 DEPARTMENT: LUCURR - LAND USE CURRENT REVIEW
REVIEW ITEM: 6.5 & 6.6 - Habitat Preservation/Mitigation Provided?
STATUS OF REVIEW: NO
REMARKS: Please provide.
- 46 DEPARTMENT: LSCAPE - LANDSCAPE DESIGN AND IRRIGATION
REVIEW ITEM: 6.8.6 - Buffers
STATUS OF REVIEW: NO
REMARKS: 1. Width, Ornamental tree requirements on West buffer not met - waiver required 2. Pines on East buffer may cause future issues for the building, please adjust locations. 3. Existing Oak may be to close to building, may need to remove
- 47 DEPARTMENT: LSCAPE - LANDSCAPE DESIGN AND IRRIGATION
REVIEW ITEM: 6.8.7 - Parking areas and vehicular use areas
STATUS OF REVIEW: NO
REMARKS: waiver required for parking island shade trees
- 48 DEPARTMENT: LSCAPE - LANDSCAPE DESIGN AND IRRIGATION
REVIEW ITEM: 6.8.8 - Building landscaping
STATUS OF REVIEW: NO
REMARKS: Waiver required for building landscaping (60% of public view), staff supports with equal amount of plant material added to west buffer.
- 49 DEPARTMENT: ZONE - ZONING DEPARTMENT
REVIEW ITEM: 2.12.4.L(4) - Zoning requirements: lot width, area , setbacks , coverage (floor area ratios) and parking
STATUS OF REVIEW: NO
REMARKS: provide lot width.
- 50 DEPARTMENT: ZONE - ZONING DEPARTMENT
REVIEW ITEM: 2.12.23/4.2 -Setbacks, dimensions for all improvements, and easements
STATUS OF REVIEW: NO
REMARKS: provide dimensions of all proposed improvements.
- 51 DEPARTMENT: ZONE - ZONING DEPARTMENT
REVIEW ITEM: 2.12.24 - Landscape requirements/6.8.6 - Buffering
STATUS OF REVIEW: NO
REMARKS: identify buffer type along both SW 142nd Ln and Marion Oaks Blvd (Type "C" buffer required).
- 52 DEPARTMENT: ZONE - ZONING DEPARTMENT
REVIEW ITEM: 2.12.32 - Modified Environmental Assessment for Listed Species (LDC 6.5.4) -OR- EALS Exemption Application (LDC 6.5.3) submitted (including habitat assessment as necessary per LDC 6.6.4)
STATUS OF REVIEW: NO
REMARKS: provide environmental assessment or exemption.



**Marion County
Board of County Commissioners**

AR 30435

Office of the County Engineer

412 SE 25th Ave.
Ocala, FL 34471
Phone: 352-671-8686
Fax: 352-671-8687

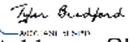
DEVELOPMENT REVIEW COMMITTEE WAIVER REQUEST FORM

Date: 11/02/2023 Parcel Number(s): 8001.0254.08 & 8001.0254.09 Permit Number: AR# 30435

A. PROJECT INFORMATION: Fill in below as applicable:

Project Name: ADVANCE AUTO PARTS Commercial Residential
Subdivision Name (if applicable): MARION OAKS
Unit 1 Block 254 Lot 8 & 9 Tract _____

B. PROPERTY OWNER'S AUTHORIZATION: The property owner's signature authorizes the applicant to act on the owner's behalf for this waiver request. The signature may be obtained by email, fax, scan, a letter from the property owner, or original signature below.

Name (print): CAHABA CAPITAL GROUP, LLC
Signature:  _____
Mailing Address: SUITE 1500, 1901 6TH AVE N City: BIRMINGHAM
State: AL Zip Code: 35203 Phone # 205.903.0732
Email address: tbradford@shanwalt.com

C. APPLICANT INFORMATION: The applicant will be the point of contact during this waiver process and will receive all correspondence.

Firm Name (if applicable): DAVIS DINKINS ENGINEERING, P.A. Contact Name: DAVIS DINKINS, P.E.
Mailing Address: 125 N 1ST AVE, STE 2 City: OCALA
State: FL Zip Code: 34470 Phone # 352.854.5961
Email address: davis@dinkinsengineering.com

D. WAIVER INFORMATION:

Section & Title of Code (be specific): _____
Reason/Justification for Request (be specific): _____

DEVELOPMENT REVIEW USE:

Received By: Email 3/19/24 Date Processed: 3/19/24 BM Project # 2023030035 AR # 30435

ZONING USE: Parcel of record: Yes No Eligible to apply for Family Division: Yes No
Zoned: _____ ESOZ: _____ P.O.M. _____ Land Use: _____ Plat Vacation Required: Yes No
Date Reviewed: _____ Verified by (print & initial): _____



Marion County Board of County Commissioners

Office of the County Engineer

412 SE 25th Ave.
Ocala, FL 34471
Phone: 352-671-8686
Fax: 352-671-8687

DEVELOPMENT REVIEW COMMITTEE WAIVER REQUEST FORM

Section & Title of Code (be specific) 6.8.6 - BUFFERS

Reason/Justification for Request (be specific):

WAIVER HAS BEEN REQUESTED FOR WEST BUFFER WIDTH. PINES BOUNDARY ARE LOCATED A MINIMUM OF 20' FROM STRUCTURE. EXISTING OAKS ARE PROPOSED TO BE REMOVED.

Section & Title of Code (be specific) 6.13.3 - BERM WIDTH

Reason/Justification for Request (be specific):

AT THE DESIGN HIGH WATER LEVEL PLUS 6" FOR FREEBOARD, THE BERM WOULD BE OVER 5' - WIDE. THE 3' - WIDE BERM WILL PROVIDE FREEBOARD THAT IS IN EXCESS OF THE REQUIRED 6"

Section & Title of Code (be specific) 6.13.8.B(7) - MINIMUM PIPE SIZE

Reason/Justification for Request (be specific):

STORM PIPE CALCULATIONS INDICATE 15" AND 12"X18" PIPES ARE APPROPRIATELY SIZED FOR CONVEYANCE.

Section & Title of Code (be specific) _____

Reason/Justification for Request (be specific): _____

Section & Title of Code (be specific) _____

Reason/Justification for Request (be specific): _____

Section & Title of Code (be specific) _____

Reason/Justification for Request (be specific): _____

Section & Title of Code (be specific) _____

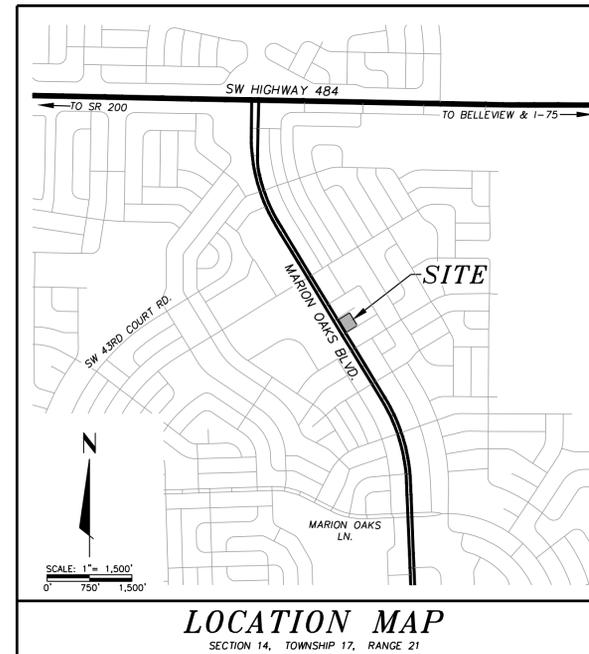
Reason/Justification for Request (be specific): _____

ADVANCE AUTO PARTS

MAJOR SITE PLAN MARION COUNTY, FLORIDA

GENERAL NOTES:

- ALL CONSTRUCTION COVERED BY THESE PLANS SHALL COMPLY WITH THE MATERIAL REQUIREMENTS AND QUALITY CONTROL STANDARDS CONTAINED IN THE MARION COUNTY "LAND DEVELOPMENT CODE" AND "UTILITY MANUAL" AS APPLICABLE. ANY WORK WITHIN THE FOOT RIGHT OF WAY SHALL CONFORM TO THE FDOT STANDARD PLANS INDEX (CURRENT EDITION).
- NO CHANGE TO THE WORK AS SHOWN ON THE APPROVED PLANS SHALL BE MADE WITHOUT PRIOR APPROVAL BY BOTH THE PROJECT ENGINEER, AND THE OFFICE OF THE COUNTY ENGINEER.
- BUILDING SHALL BE HANDICAP ACCESSIBLE PER AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN (LATEST EDITION).
- THE CONTRACTOR SHALL VERIFY THE LOCATION AND COVER OF ALL EXISTING UTILITIES AND REPORT ANY DISCREPANCY TO THE PROJECT ENGINEER. THERE MAY BE ADDITIONAL UTILITIES NOT SHOWN ON THESE PLANS. CAUTION IS ADVISED PRIOR TO DIGGING!
- TYPE III SILT FENCE SHALL BE INSTALLED AS SHOWN ON THESE PLANS PRIOR TO ANY CONSTRUCTION, MAINTAINED DURING THE LIFE OF THE PROJECT, AND REMOVED FOLLOWING COMPLETION OF CONSTRUCTION.
- THE SITE SHALL REMAIN FREE OF EXCESS DUST AND DEBRIS AT ALL TIMES. ANY INCIDENCE OF EROSION, SEDIMENTATION, DUST OR DEBRIS OCCURRING OFF-SITE AS A RESULT OF CONSTRUCTION ACTIVITIES ON THIS DEVELOPMENT SHALL BE CORRECTED BY THE CONTRACTOR WITHIN 48 HOURS OF EACH OCCURRENCE.
- ALL DRAINAGE FACILITIES AND STORM STRUCTURES MUST BE BUILT PRIOR TO CONSTRUCTION OF ANY IMPERVIOUS SURFACES.
- IF UNSUITABLE MATERIAL IS ENCOUNTERED WITHIN THE PROPOSED PARKING LOT, TWO (2) FEET OF UNDERCUT BELOW THE PROPOSED STABILIZED SUBGRADE, TOGETHER WITH SUITABLE BACKFILL MATERIAL, (OR GEOTECHNICAL ENGINEER'S RECOMMENDATION) IS RECOMMENDED. THE CONTRACTOR SHOULD PROVIDE A UNIT PRICE IN HIS INITIAL BID, AND HE SHALL NOTIFY THE PROJECT ENGINEER WHEN UNSUITABLE MATERIAL IS ENCOUNTERED. BEFORE PROCEEDING WITH ANY WORK RELATED TO UNSUITABLE MATERIAL, THE CONTRACTOR IS ADVISED TO CONTACT A LICENSED GEOTECHNICAL ENGINEER TO DETERMINE THE SUITABILITY OF THE IN-SITU SOIL AND THE AREA OF UNDERCUT THAT IS REASONABLY REQUIRED.
- AUTO ASPHALT PAVEMENT SHALL BE 1 1/2" THICK F.D.O.T. SP-12.5 ON 8" LIMEROCK BASE (98% MAX DENSITY, 100 LBR) WITH PRIME COAT FULL WIDTH (0.1 GAL/SY), ON 12" F.D.O.T. TYPE B) STABILIZED SUBGRADE (98% MAX DENSITY, 40 LBR). CONSTRUCTION REQUIREMENTS OF THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) SHALL GOVERN.
- MINIMUM STRENGTH FOR ANY CONCRETE ON SITE SHALL BE 3000 P.S.I. AT 28 DAYS UNLESS INDICATED OTHERWISE ON THESE PLANS.
- ANY DISTURBED ON-SITE AREAS LEFT UNPAVED SHALL BE RESTORED AND SODED, SEEDED AND MULCHED, OR LANDSCAPED (AS APPLICABLE). ALL SODED AREA SHALL BE UNDERCUT 2" PRIOR TO INSTALLATION.
- IF A SINKHOLE SHOULD FORM ON THIS SITE, ALL APPLICABLE REPAIR PROCEDURES SHALL BE FOLLOWED AS OUTLINED IN TYPICAL SINK CHIMNEY REPAIR DETAIL SHOWN HEREON. ALSO, MARION COUNTY AND S.J.R.W.M.D. SHALL BE NOTIFIED IMMEDIATELY.
- DAVIS DINKINS ENGINEERING, P.A. AND ITS EMPLOYEES ARE NOT RESPONSIBLE FOR ON-SITE SAFETY DURING CONSTRUCTION.
- THE ELECTRICIAN SHALL COORDINATE WITH ELECTRIC SERVICE PROVIDER ANY MODIFICATIONS TO ELECTRIC SERVICE. ANY SLEEVING REQUIREMENTS SHALL BE COORDINATED WITH THE SITE CONTRACTOR.
- THERE ARE NO WETLANDS ON THIS SITE.
- AN AS-BUILT SURVEY SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR AND PROVIDED TO THE PROJECT ENGINEER FOR HIS USE IN CERTIFYING TO THE COMPLETION OF THE PROJECT PRIOR TO C.O. ALL AS-BUILTS SHALL COMPLY WITH CURRENT LDC, SECTION 6.14.8.
- SITE CONTRACTOR MUST OBTAIN A PERMIT FROM THE COUNTY RIGHT-OF-WAY DIVISION PRIOR TO COMMENCEMENT OF WORK WITHIN THE COUNTY RIGHT-OF-WAY.
- A PERMIT MUST BE OBTAINED FROM THE MARION COUNTY PERMITTING DIVISION PRIOR TO COMMENCEMENT OF ANY WORK WITHIN THE COUNTY RIGHT-OF-WAY.
- MARION COUNTY UTILITIES PERSONNEL ARE TO INSPECT ANY WORK PERFORMED ON OR AROUND EXISTING MARION COUNTY UTILITIES INFRASTRUCTURE. A PRE-CONSTRUCTION MEETING IS REQUIRED TO BE HELD A MINIMUM OF 48 HOURS PRIOR TO START OF ANY CONSTRUCTION. IF THE PRE-CONSTRUCTION MEETING IS NOT COMPLETED, ANY WORK MAY BE HALTED. TO SCHEDULE, CONTACT MARK RUDOWSKIE AT (352)843-0476.
- COPIES OF ALL RELATED PERMIT APPLICATIONS AND ISSUED PERMITS SHALL BE SUBMITTED TO THE DEVELOPMENT REVIEWER FOR THE MARION COUNTY UTILITIES DEPARTMENT.
- THIS PROJECT IS LOCATED WITHIN THE SILVER SPRINGS SECONDARY PROTECTION ZONE.
- THIS SITE IS NOT LOCATED IN AN ENVIRONMENTALLY SENSITIVE OVERLAY ZONE (ES02).
- FEMA HAS NOT DESIGNATED A 100-YEAR, 24-HOUR FLOOD ZONE ON THIS SITE. THE SITE IS IN FLOOD ZONE X.
- SIGNAGE AND STRIPING NOTES:
 - PAVED PARKING SPACES AND ISLANDS SHALL BE PAINTED WITH 6" WHITE STRIPES.
 - ANY STRIPING WITHIN THE RIGHT OF WAY SHALL BE THERMOPLASTIC. ALL WORK IS TO BE IN ACCORDANCE WITH F.D.O.T. STANDARDS.
 - ALL PROPOSED STOP, STREET, ADVISORY, AND OTHER SIGNAGE TO BE NEW UNLESS INDICATED OTHERWISE ON THESE PLANS.
 - SIGNS AT PROPERTY EXITS AND SIGNS IN RIGHT OF WAY TO BE CONSTRUCTED WITH DIAMOND GRADE REFLECTIVE SHEETING. OTHER PRIVATE SIGNS TO BE CONSTRUCTED WITH HIGH INTENSITY REFLECTIVE SHEETING.
 - PRIVATE STOP SIGNS AND SIGNS WITHIN COUNTY RIGHT OF WAY ARE TO BE INSTALLED ON SQUARE POSTS (14 FEET LONG, 14 GAUGE, 4 lbs/ft). SIGN POSTS WITHIN F.D.O.T. RIGHT OF WAY TO BE IN ACCORDANCE TO FDOT STANDARD PLANS INDEX #700.
 - ALL PRIVATE SIGN POSTS (OTHER THAN STOP SIGN POSTS) TO BE U-CHANNEL GALVANIZED STEEL 2lbs/L.F. BREAKAWAY POSTS.
 - ALL SIGNS SHALL HAVE 7' OF CLEARANCE FROM BOTTOM OF SIGN TO FINISH GRADE.
 - PAINT ALL AREAS OF CURB AND/OR SIDEWALK TRANSITIONS FROM FLUSH TO 6"-HIGH WITH "SAFETY YELLOW" ALONG TRANSITION.
 - ALL TRAFFIC CONTROL SIGNS SHALL BE PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.), LATEST EDITION.
- ANY AND ALL SIGNAGE WILL REQUIRE ADDITIONAL PERMITTING (BY OTHERS).
- ANY FIRE APPARATUS MUST COMPLY WITH THE FLORIDA FIRE PROTECTION CODE, AND SHALL BE FLOW TESTED AND COLOR CODED AS REQUIRED. HYDRANTS ON PUBLIC WATER MAINS TO BE FACTORY PAINTED RED. PRIVATE HYDRANTS TO BE FACTORY PAINTED YELLOW. ALL PUBLIC AND PRIVATE HYDRANTS SHALL HAVE THE CAPS PAINTED PER NFPA 291. ALL FLOW TESTS SHALL BE TESTED PER NFPA 291 BY A THIRD PARTY CONTRACTOR AND WITNESSED BY A MARION COUNTY FIRE INSPECTOR. PRIVATE HYDRANTS SHALL BE MAINTAINED BY THE BUILDING OWNER AND SHALL BE PRIVATELY TESTED ANNUALLY BY A CERTIFIED THIRD PARTY COMPANY WITH THE ANNUAL TESTING REPORTS PROVIDED TO MARION COUNTY FIRE RESCUE.
- CONTRACTOR TO COORDINATE LOCATION OF KNOX BOX(S) WITH FIRE MARSHAL PRIOR TO C.O.
- BUILDING SHALL COMPLY WITH THE IN-BUILDING PUBLIC SAFETY MINIMUM RADIO SIGNAL STRENGTH REQUIREMENTS. THE LOCATION WILL NEED TO HIRE AN INDEPENDENT FIRM TO TEST THE STRENGTH OF THE SIGNAL AND IF DEEMED NECESSARY ADD EQUIPMENT WHICH ALLOWS THE BUILDING TO MEET THE MINIMUM POLICES. THE BUILDING MUST HAVE A PASSING RADIO TEST PRIOR TO CALLING FOR THE FINAL FIRE INSPECTION OF THE BUILDING. ANY INSTALLATION OF EQUIPMENT MUST BE DONE UNDER A PERMIT AND BE APPROVED BY THE OFFICE OF THE FIRE MARSHAL.



DESCRIPTION:

LOTS 8 AND 9, BLOCK 254, MARION OAKS UNIT 1, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 0, PAGE 001, PUBLIC RECORDS OF MARION COUNTY, FLORIDA.

SURVEY NOTICE:

SEE SEPARATE SURVEY BY ROGERS ENGINEERING, LLC. FOR BEARINGS & DISTANCES, MONUMENTATION, AND STATE PLANE COORDINATES.

GENERAL STATEMENT:

THE CHARACTER AND INTENDED USE OF THESE PLANS IS FOR THE CONSTRUCTION OF A AUTO PARTS STORE, TOGETHER WITH ALL REQUIRED IMPROVEMENTS SHOWN HEREON.

SITE DATA:

PARCEL ID# : 8001-0254-08 & 8001-0254-09
 ZONING: B-2
 FUTURE LAND USE: COMMERCIAL
 PROPOSED USE: AUTO PARTS STORE
 LAND OWNER: MARCO POLO BUILDERS INC
 1720 S.W. 27TH PL
 OCALA, FL 34471
 (352) 347-1888
 APPLICANT/DEVELOPER: CAHABA CAPITAL GROUP, LLC
 TYLER BRADFORD, MANAGING MEMBER
 1901 6TH AVE N, STE 1500
 BIRMINGHAM, AL 35203
 (205) 903-0732
 SITE LOCATION: T.B.D.: SW 142nd LN, OCALA, FL 34473
 LOT WIDTH: ±200'
 SETBACKS: FRONT= 25' SIDE= 15' REAR= 25'
 SITE/PROJECT AREA: ±47,868 S.F. (±1.1 ACRES)
 EXISTING IMPERVIOUS AREA: ±0 S.F. (0%)
 PROPOSED BUILDING AREA: ±6,889 S.F. (±14.4%)
 PROPOSED TOTAL IMPERVIOUS AREA: ±26,868 S.F. (±56.2%)
 PROPOSED OPEN AREA: ±21,000 S.F. (±43.8%)
 (INCLUDING D.R.A.)

PERMITS REQUIRED:

AGENCY	PERMIT	ISSUANCE DATE	NO.
F.D.E.P./N.P.D.E.S.	NOTICE OF INTENT	-	-
MARION COUNTY	MAJOR SITE PLAN	-	-
S.W.F.W.M.D.	ENVIRONMENTAL RESOURCE PERMIT MODIFICATION	-	-

WAIVERS REQUESTED:

CODE SECTION	WAIVERS REQUESTED	APPROVAL/CONDITIONS	DATE
6.8.6	TYPE 'C' BUFFER	-	-
6.13.3	BERM WIDTH	-	-
6.13.8(B)(7)	MINIMUM PIPE SIZE	-	-

UTILITY CONTACT INFORMATION:

NOTE: CONTACT INFORMATION WAS OBTAINED FROM WWW.SUNSHINE811.COM. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY PROVIDERS PRIOR TO CONSTRUCTION.

PHONE & FIBER OPTIC	CENTURYLINK BILL MCCLLOUD (850) 599-1444
	ZAYO GROUP/ FORMERLY LIGHTWAVE, LLC HENRY KLOBUCAR (406) 496-6510
WATER & SEWER	MARION COUNTY UTILITIES CARRIE HYDE (352) 307-6000
CATV	CHARTER COMMUNICATIONS DUFFY MCCLELLAND (352) 527-2189
ELECTRIC	SUMTER ELECTRIC COOPERATIVE, INC. JANET COX (352) 569-9642

PARKING CALCULATIONS:

PARKING REQUIRED: ±6,889 S.F. RETAIL STORE @ 1 SPACE / 300 S.F. = 23 SPACES
 PROPOSED STANDARD PARKING SPACES = 23 SPACES
 PROPOSED CONCRETE HANDICAP SPACES = 2 SPACES
 TOTAL = 25 SPACES

TRAFFIC IMPACT STATEMENT:

BASED ON ITE TRIP GENERATION MANUAL, 11th EDITION

ESTIMATED PROPOSED TRAFFIC:			
BASED ON ±6,889 S.F. OF AUTOMOBILE PARTS SALES (CODE 843)			
	TRIPS PER DAY	PM PEAK HOUR	
CODE 843	TOTAL 376	ENTERING 20	EXITING 21

ENGINEER'S CERTIFICATION:

I HEREBY CERTIFY THAT THESE PLANS AND CALCULATIONS WERE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE MARION COUNTY LAND DEVELOPMENT CODE (LDC), EXCEPT AS WAIVED, AND FURTHERMORE THAT THESE PLANS MEET THE APPLICABLE REQUIREMENTS OF THE S.W.F.W.M.D. TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DAVIS L. DINKINS, P.E.
 FL LICENSE NO. 60058

DATE

IF DIGITALLY SIGNED AND SEALED:
 DAVIS L. DINKINS, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 60058. THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DAVIS L. DINKINS ON THE DATE INDICATED HERE.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

CONCURRENCY DEFERRAL NOTE:

THIS PROJECT HAS NOT BEEN GRANTED CONCURRENCY APPROVAL AND/OR GRANTED AND/OR RESERVED ANY PUBLIC FACILITY CAPACITIES. FUTURE RIGHTS TO DEVELOP THE PROPERTY ARE SUBJECT TO A DEFERRED CONCURRENCY DETERMINATION, AND FINAL APPROVAL TO DEVELOP THE PROPERTY HAS NOT BEEN OBTAINED. THE COMPLETION OF CONCURRENCY REVIEW AND/OR APPROVAL HAS BEEN DEFERRED TO LATER DEVELOPMENT REVIEW STAGES, SUCH AS, BUT NOT LIMITED TO, BUILDING PERMIT REVIEW.

OWNER'S CERTIFICATION:

I HEREBY CERTIFY THAT I, MY SUCCESSORS, AND ASSIGNS SHALL PERPETUALLY MAINTAIN THE IMPROVEMENTS AS SHOWN ON THIS PLAN.

TYLER BRADFORD, MANAGING MEMBER
 CAHABA CAPITAL GROUP LLC, SITE 1500
 1901 6TH AVE N
 BIRMINGHAM, AL 35203
 (205) 903-0732



48 HOURS BEFORE YOU DIG
 CALL SUNSHINE
1-800-432-4770
 IT'S THE LAW IN FLORIDA

IMPORTANT!!

PRIOR TO CONSTRUCTION, CONTRACTOR IS TO LOCATE ALL UTILITIES, INCLUDING SOFT-DIGS TO VERIFY LOCATION AND INVERTS AND CONTACT PROJECT ENGINEER WITH LOCATION INFORMATION!! IT MAY BE NECESSARY TO REMOVE, MODIFY, AND/OR RELOCATE EXISTING UTILITY SYSTEMS TO CONTINUE PROVIDING SERVICE TO EXISTING BUILDING AND FACILITIES. COORDINATION OF ANY TEMPORARY SERVICE INTERRUPTIONS TO BE THE RESPONSIBILITY OF THE CONTRACTOR.

IMPERATIVE:

IT IS THE SURVEYOR'S AND CONTRACTOR'S RESPONSIBILITY TO HAVE THE MOST CURRENT PLAN PRIOR TO AND DURING CONSTRUCTION.

INDEX OF SHEETS:

SHEET	DESCRIPTION
C1	MAJOR SITE PLAN - COVER
C2	MAJOR SITE PLAN - LAYOUT/UTILITY
C3	MAJOR SITE PLAN - GRADING/DRAINAGE
C4	MAJOR SITE PLAN - DETAILS
C5	MAJOR SITE PLAN - S.W.F.P.P.
C6	MAJOR SITE PLAN - LIFT STATION
C7	MAJOR SITE PLAN - DETAILS
TE-1	TREE REMOVAL PLAN (BY MICHAEL PAPE AND ASSOCIATES, P.A.)
L-1 - L-2	LANDSCAPE PLAN (BY MICHAEL PAPE AND ASSOCIATES, P.A.)
IR-1	IRRIGATION PLAN (BY MICHAEL PAPE AND ASSOCIATES, P.A.)
LTG-1	PHOTOMETRICS PLAN (BY MICHAEL PAPE AND ASSOCIATES, P.A.)
S1	BOUNDARY & TOPOGRAPHIC SURVEY (BY ROGERS ENGINEERING, LLC)

3	PER COUNTY REVIEW	03-18-24			
2	PER S.W.F.W.M.D. REVIEW	03-13-24			
1	PERMITTING ISSUE	08-29-23			
NO	REVISION	DATE			
DESIGN:	D.D./J.S.	DRAW:	T.N./S.U.	CHECK:	D.L.D.



CERTIFICATE OF AUTHORIZATION #28150
 PHONE: (352) 854-5961

125 NE 1st AVENUE
 SUITE 2
 OCALA, FL 34470

MARCO POLO BUILDERS INC
 PLAT BOOK 0 PAGE 001
 PARCEL ACCT. #8001-0254-03
B-2 ZONING
 LAND USE: COMMERCIAL

FD MARION OAKS I, LLC
 PLAT BOOK 0 PAGE 001
 PARCEL ACCT. #8001-0254-01
B-2 ZONING
 LAND USE: COMMERCIAL

FLORIDA CONFERENCE ASSN OF
 SEVENTH DAY ADVENTISTS
 PLAT BOOK 0 PAGE 001
 PARCEL ACCT. #8001-0254-07
B-2 ZONING
 LAND USE: COMMERCIAL

UNIQUE AUTO REPAIRS INC
 PLAT BOOK 0 PAGE 001
 PARCEL ACCT. #8001-0255-03
B-2 ZONING
 LAND USE: COMMERCIAL

125 NE 1st AVENUE
 SUITE 2
 OCALA, FL 34470
 PHONE: (352) 854-5961

DAVIS DINKINS ENGINEERING, P.A.
 CERTIFICATE OF AUTHORIZATION #28150

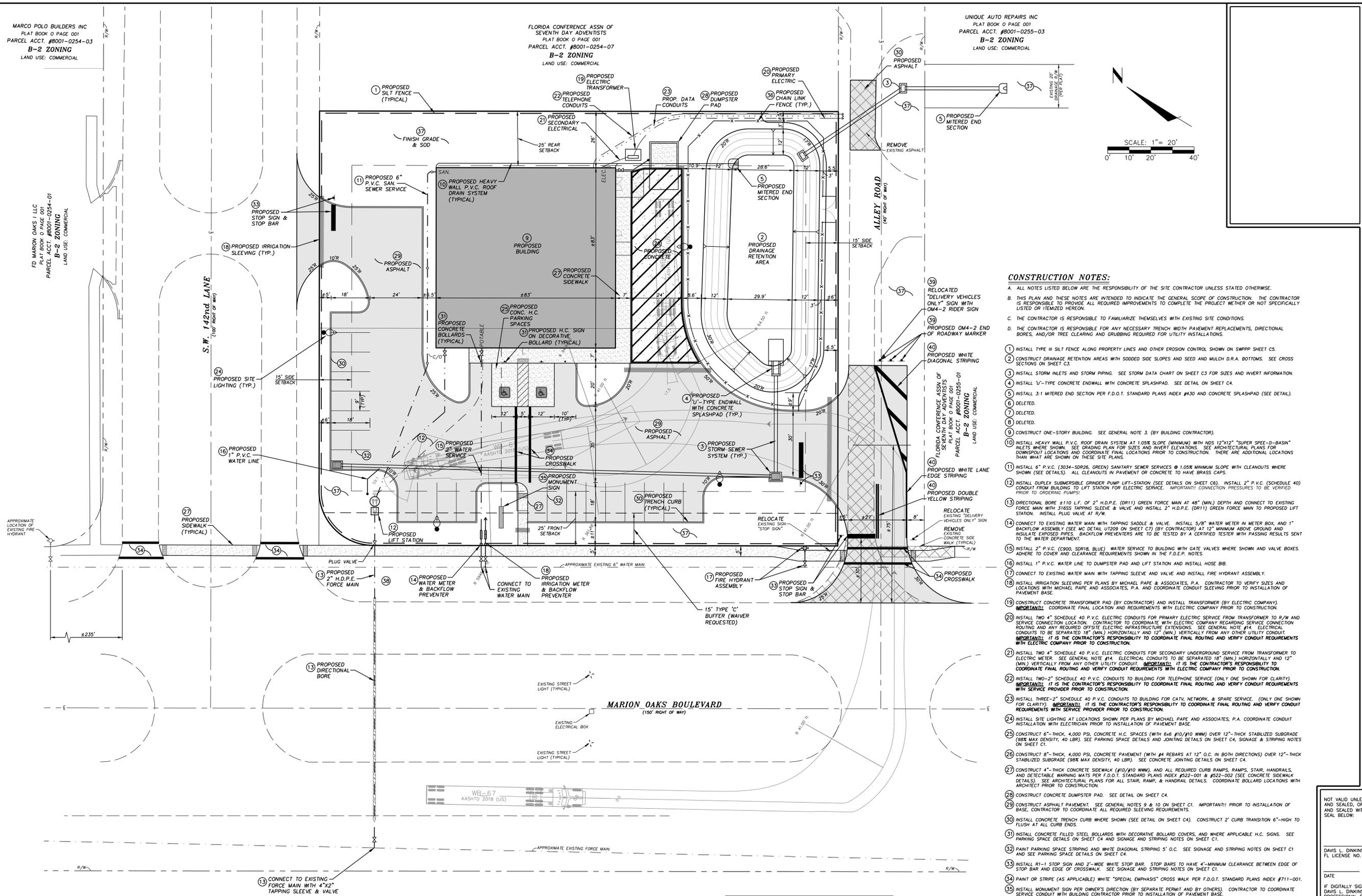
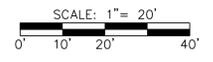
NO	REVISION	DATE
3	PER COUNTY REVIEW	03-18-24
2	PER S.W.F.W.M.D. REVIEW	03-13-24
1	PERMITTING ISSUE	08-29-23
NO	REVISION	DATE

MAJOR SITE PLAN - LAYOUT/UTILITY
ADVANCE AUTO PARTS
 MARION COUNTY, FLORIDA

NOT VALID UNLESS EITHER DIGITALLY SIGNED AND SEALED, OR ORIGINALLY SIGNED, DATED AND SEALED WITH PROFESSIONAL ENGINEER'S SEAL BELOW:
 DAVIS L. DINKINS, P.E.
 FL LICENSE NO. 60058

DATE
 IF DIGITALLY SIGNED AND SEALED:
 DAVIS L. DINKINS, STATE OF FLORIDA,
 PROFESSIONAL ENGINEER, LICENSE NO. 60058.
 THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DAVIS L. DINKINS ON THE DATE INDICATED HERE.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES



CONSTRUCTION NOTES:

- A. ALL NOTES LISTED BELOW ARE THE RESPONSIBILITY OF THE SITE CONTRACTOR UNLESS STATED OTHERWISE.
 - B. THIS PLAN AND THESE NOTES ARE INTENDED TO INDICATE THE GENERAL SCOPE OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL REQUIRED IMPROVEMENTS TO COMPLETE THE PROJECT WHETHER OR NOT SPECIFICALLY LISTED OR ITEMIZED HEREON.
 - C. THE CONTRACTOR IS RESPONSIBLE TO FAMILIARIZE THEMSELVES WITH EXISTING SITE CONDITIONS.
 - D. THE CONTRACTOR IS RESPONSIBLE FOR ANY NECESSARY TRENCH WITH PAVEMENT REPLACEMENTS, DIRECTIONAL BORES, AND/OR TREE CLEARING AND GRUBBING REQUIRED FOR UTILITY INSTALLATIONS.
1. INSTALL TYPE III SILT FENCE ALONG PROPERTY LINES AND OTHER EROSION CONTROL SHOWN ON SWPPP SHEET C5.
 2. CONSTRUCT DRAINAGE RETENTION AREAS WITH SLOPED SIDE SLOPES AND SEED AND MULCH D.R.A. BOTTOMS. SEE CROSS SECTIONS ON SHEET C3.
 3. INSTALL STORM INLETS AND STORM PIPING. SEE STORM DATA CHART ON SHEET C3 FOR SIZES AND INVERT INFORMATION.
 4. INSTALL 'U'-TYPE CONCRETE ENDWALL WITH CONCRETE SPLASHPAD. SEE DETAIL ON SHEET C4.
 5. INSTALL 3:1 MITERED END SECTION PER F.D.O.T. STANDARD PLANS INDEX #430 AND CONCRETE SPLASHPAD (SEE DETAIL).
 6. DELETED.
 7. DELETED.
 8. DELETED.
 9. CONSTRUCT ONE-STORY BUILDING. SEE GENERAL NOTE 3. (BY BUILDING CONTRACTOR).
 10. INSTALL HEAVY WALL P.V.C. ROOF DRAIN SYSTEM AT 1.05% SLOPE (MINIMUM) WITH NDS 12"x12" "SUPER SPEED-BASIN" INLETS WHERE SHOWN. SEE GRADING PLAN FOR SIZES AND INVERT ELEVATIONS. SEE ARCHITECTURAL PLANS FOR DOWNSPOUT LOCATIONS AND COORDINATE FINAL LOCATIONS PRIOR TO CONSTRUCTION. THERE ARE ADDITIONAL LOCATIONS THAN WHAT ARE SHOWN ON THESE SITE PLANS.
 11. INSTALL 6" P.V.C. (3034-SDR26, GREEN) SANITARY SEWER SERVICES @ 1.05% MINIMUM SLOPE WITH CLEANOUTS WHERE SHOWN (SEE DETAILS). ALL CLEANOUTS IN PAVEMENT OR CONCRETE TO HAVE BRASS CAPS.
 12. INSTALL DUPLEX SUBMERSIBLE GRINDER PUMP LIFT-STATION (SEE DETAILS ON SHEET C6). INSTALL 2" P.V.C. (SCHEDULE 40) CONDUIT FROM BUILDING TO LIFT STATION FOR ELECTRIC SERVICE. IMPORTANT!! CONNECTION PRESSURES TO BE VERIFIED PRIOR TO ORDERING PLANS.
 13. DIRECTIONAL BORE ±110 L.F. OF 2" H.D.P.E. (DR11) GREEN FORCE MAIN AT 48" (MIN.) DEPTH AND CONNECT TO EXISTING FORCE MAIN WITH 316SS TAPPING SLEEVE & VALVE AND INSTALL 2" H.D.P.E. (DR11) GREEN FORCE MAIN TO PROPOSED LIFT STATION. INSTALL PLUG VALVE AT R/W.
 14. CONNECT TO EXISTING WATER MAIN WITH TAPPING SADDLE & VALVE. INSTALL 5/8" WATER METER IN METER BOX, AND 1" BACKFLOW ASSEMBLY (SEE MG DETAIL U209 ON SHEET C7) (BY CONTRACTOR) AT 12" MINIMUM ABOVE GROUND AND INSULATE EXPOSED PIPES. BACKFLOW PREVENTERS ARE TO BE TESTED BY A CERTIFIED TESTER WITH PASSING RESULTS SENT TO THE WATER DEPARTMENT.
 15. INSTALL 2" P.V.C. (C900, SDR18, BLUE) WATER SERVICE TO BUILDING WITH GATE VALVES WHERE SHOWN AND VALVE BOXES. ADHERE TO COVER AND CLEARANCE REQUIREMENTS SHOWN IN THE F.D.E.P. NOTES.
 16. INSTALL 1" P.V.C. WATER LINE TO DUMPSTER PAD AND LIFT STATION AND INSTALL HOSE BIB.
 17. CONNECT TO EXISTING WATER MAIN WITH TAPPING SLEEVE AND VALVE AND INSTALL FIRE HYDRANT ASSEMBLY.
 18. INSTALL IRRIGATION SLEEVING PER PLANS BY MICHAEL PAPE & ASSOCIATES, P.A. CONTRACTOR TO VERIFY SIZES AND LOCATIONS WITH MICHAEL PAPE AND ASSOCIATES, P.A. AND COORDINATE CONDUIT SLEEVING PRIOR TO INSTALLATION OF PAVEMENT BASE.
 19. CONSTRUCT CONCRETE TRANSFORMER PAD (BY CONTRACTOR) AND INSTALL TRANSFORMER (BY ELECTRIC COMPANY). IMPORTANT!! COORDINATE FINAL LOCATION AND REQUIREMENTS WITH ELECTRIC COMPANY PRIOR TO CONSTRUCTION.
 20. INSTALL TWO 4" SCHEDULE 40 P.V.C. ELECTRIC CONDUITS FOR PRIMARY ELECTRIC SERVICE FROM TRANSFORMER TO R/W AND SERVICE CONNECTION LOCATION. CONTRACTOR TO COORDINATE WITH ELECTRIC COMPANY REGARDING SERVICE CONNECTION ROUTING AND ANY REQUIRED OFFSITE ELECTRICAL INFRASTRUCTURE EXTENSIONS. SEE GENERAL NOTE #14. ELECTRICAL CONDUITS TO BE SEPARATELY 18" (MIN.) HORIZONTALLY AND 12" (MIN.) VERTICALLY FROM ANY OTHER UTILITY CONDUIT. IMPORTANT!! IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE FINAL ROUTING AND VERIFY CONDUIT REQUIREMENTS WITH ELECTRIC COMPANY PRIOR TO CONSTRUCTION.
 21. INSTALL TWO 4" SCHEDULE 40 P.V.C. ELECTRIC CONDUITS FOR SECONDARY UNDERGROUND SERVICE FROM TRANSFORMER TO ELECTRIC METER. SEE GENERAL NOTE #14. ELECTRICAL CONDUITS TO BE SEPARATED 18" (MIN.) HORIZONTALLY AND 12" (MIN.) VERTICALLY FROM ANY OTHER UTILITY CONDUIT. IMPORTANT!! IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE FINAL ROUTING AND VERIFY CONDUIT REQUIREMENTS WITH ELECTRIC COMPANY PRIOR TO CONSTRUCTION.
 22. INSTALL TWO 2" SCHEDULE 40 P.V.C. CONDUITS TO BUILDING FOR TELEPHONE SERVICE (ONLY ONE SHOWN FOR CLARITY). IMPORTANT!! IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE FINAL ROUTING AND VERIFY CONDUIT REQUIREMENTS WITH SERVICE PROVIDER PRIOR TO CONSTRUCTION.
 23. INSTALL THREE 2" SCHEDULE 40 P.V.C. CONDUITS TO BUILDING FOR CATV NETWORK, & SPARE SERVICE. (ONLY ONE SHOWN FOR CLARITY). IMPORTANT!! IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE FINAL ROUTING AND VERIFY CONDUIT REQUIREMENTS WITH SERVICE PROVIDER PRIOR TO CONSTRUCTION.
 24. INSTALL SITE LIGHTING AT LOCATIONS SHOWN PER PLANS BY MICHAEL PAPE AND ASSOCIATES, P.A. COORDINATE CONDUIT INSTALLATION WITH ELECTRICIAN PRIOR TO INSTALLATION OF PAVEMENT BASE.
 25. CONSTRUCT 6"-THICK, 4,000 PSI, CONCRETE H.C. SPACES (WITH 6x6 #10/#10 W/M) OVER 12"-THICK STABILIZED SUBGRADE (98% MAX DENSITY, 40 LBR). SEE PARKING SPACE DETAILS AND JOINTING DETAILS ON SHEET C4. SIGNAGE & STRIPING NOTES ON SHEET C1.
 26. CONSTRUCT 8"-THICK, 4,000 PSI, CONCRETE PAVEMENT (WITH #4 REBARS AT 12" O.C. IN BOTH DIRECTIONS) OVER 12"-THICK STABILIZED SUBGRADE (98% MAX DENSITY, 40 LBR). SEE CONCRETE JOINTING DETAILS ON SHEET C4.
 27. CONSTRUCT 4"-THICK CONCRETE SIDEWALK (#10/#10 W/M), AND ALL REQUIRED CURB RAMP, RAMP, STAIR, HANDRAILS, AND DETECTABLE WARNING MATS PER F.D.O.T. STANDARD PLANS INDEX #522-001 & #522-002 (SEE CONCRETE SIDEWALK DETAILS). SEE ARCHITECTURAL PLANS FOR ALL STAIR, RAMP, & HANDRAIL DETAILS. COORDINATE BOLLARD LOCATIONS WITH ARCHITECT PRIOR TO CONSTRUCTION.
 28. CONSTRUCT CONCRETE DUMPSTER PAD. SEE DETAIL ON SHEET C4.
 29. CONSTRUCT ASPHALT PAVEMENT. SEE GENERAL NOTES 9 & 10 ON SHEET C1. IMPORTANT!! PRIOR TO INSTALLATION OF BASE, CONTRACTOR TO COORDINATE ALL REQUIRED SLEEVING REQUIREMENTS.
 30. INSTALL CONCRETE TRENCH CURB WHERE SHOWN (SEE DETAIL ON SHEET C4). CONSTRUCT 2" CURB TRANSITION 6"-HIGH TO FLUSH AT ALL CURB ENDS.
 31. INSTALL CONCRETE FILLED STEEL BOLLARDS WITH DECORATIVE BOLLARD COVERS, AND WHERE APPLICABLE H.C. SIGNS. SEE PARKING SPACE DETAILS ON SHEET C4 AND SIGNAGE AND STRIPING NOTES ON SHEET C1.
 32. PAINT PARKING SPACE STRIPING AND WHITE DIAGONAL STRIPING 5' O.C. SEE SIGNAGE AND STRIPING NOTES ON SHEET C1 AND SEE PARKING SPACE DETAILS ON SHEET C4.
 33. INSTALL R1-1 STOP SIGN AND 2"-WIDE WHITE STOP BAR. STOP BARS TO HAVE 4"-MINIMUM CLEARANCE BETWEEN EDGE OF STOP BAR AND EDGE OF CROSSWALK. SEE SIGNAGE AND STRIPING NOTES ON SHEET C1.
 34. PAINT OR STRIPE (AS APPLICABLE) WHITE "SPECIAL EMPHASIS" CROSS WALK PER F.D.O.T. STANDARD PLANS INDEX #711-001.
 35. INSTALL MONUMENT SIGN PER OWNER'S DIRECTION (BY SEPARATE PERMIT AND BY OTHERS). CONTRACTOR TO COORDINATE SERVICE CONDUIT WITH BUILDING CONTRACTOR PRIOR TO INSTALLATION OF PAVEMENT BASE.
 36. INSTALL 6"-HIGH, BLACK, VINYL COATED CHAIN LINK FENCE WITH 14"-WIDE GATE AS SHOWN.
 37. FINISH GRADE AND SOO OR LANDSCAPE (AS APPLICABLE) ALL DISTURBED AREAS ON-SITE AND OFF-SITE. SEE LANDSCAPE PLAN BY MICHAEL PAPE AND ASSOCIATES, PA.
 38. CONNECT TO EXISTING WATER MAIN WITH TAPPING SADDLE AND VALVE. INSTALL 1-1/2" IRRIGATION METER AND BACKFLOW PREVENTER. SEE IRRIGATION PLAN BY MICHAEL PAPE AND ASSOCIATES, P.A. FOR REQUIREMENTS. COORDINATE ELECTRIC CONDUIT ROUTING PRIOR TO CONSTRUCTION.
 39. PROPOSED OMA-2 END OF ROADWAY MARKERS AND RELOCATED "DELIVERY VEHICLES ONLY" SIGN.
 40. STRIPE 6" DOUBLE YELLOW STRIPING, 6" WHITE LANE EDGE STRIPING, AND 18" WHITE DIAGONAL STRIPING 10' O.C.

MARION COUNTY UTILITIES NOTE:
 MARION COUNTY UTILITIES PERSONNEL ARE TO INSPECT ANY WORK PERFORMED ON OR AROUND EXISTING MARION COUNTY UTILITIES INFRASTRUCTURE. A PRE-CONSTRUCTION MEETING IS REQUIRED TO BE HELD A MINIMUM OF 48 HOURS PRIOR TO START OF ANY CONSTRUCTION. IF THE PRE-CONSTRUCTION MEETING IS NOT COMPLETED, ANY WORK MAY BE HALTED TO SCHEDULE. CONTACT MARION COUNTY UTILITIES CONSTRUCTION OFFICER AT (352) 307-6163.

184 MARION OAKS BLVD LLC
 PLAT BOOK 2 PAGE 099
 PARCEL ACCT. #8002-003-108
B-2 ZONING
 LAND USE: COMMERCIAL

IMPORTANT!!
 PRIOR TO CONSTRUCTION, CONTRACTOR IS TO LOCATE ALL UTILITIES, INCLUDING SOFT-DIGS TO VERIFY LOCATION AND INVERTS AND CONTACT PROJECT ENGINEER WITH LOCATION INFORMATION!! IT MAY BE NECESSARY TO REMOVE, MODIFY, AND/OR RELOCATE EXISTING UTILITY SYSTEMS TO CONTINUE PROVIDING SERVICE TO EXISTING BUILDING AND FACILITIES. COORDINATION OF ANY TEMPORARY SERVICE INTERRUPTIONS TO BE THE RESPONSIBILITY OF THE CONTRACTOR.

DRAINAGE CALCULATIONS:

RAINFALL (100-YEAR, 24-HOUR): 11"
 HYDROLOGIC SOIL TYPE: TYPE 'A'

WATERSHED CALCULATIONS:

	PRE-DEV.	POST-DEV.	WATERSHED #1a	WATERSHED #1b	CN
WATERSHED AREA:	38,880	38,880	33,718	5,174	98.0
IMPERVIOUS AREA:	1,792	29,651	24,847	5,104	98.0
D.R.A. IMPERVIOUS:	0	2,665	2,665	0	98.0
PERVIOUS AREA TYPE 'A':	37,088	6,265	6,208	70	98.0
WATERSHED CN:	41.7	88.5	87.1	97.2	98.0
VOLUME (c.f.):	9,839	31,040			
POST MINUS PRE (c.f.):		21,201			

WATER QUALITY CALCULATION:

0.5" OF RUNOFF FROM WATERSHED(c.f.):
 WATERSHED #1a
 1,405

RETENTION AREA DESIGN:

D.R.A. STORAGE

ELEV.	AREA (SQ)	VOLUME (CF)
86.5	5,904	2,838
86.0	5,450	5,011
85.0	4,584	4,172
84.0	3,754	3,390
83.0	3,020	1,420
82.5	2,665	
D.R.A. VOLUME (c.f.):		16,831**

DRAINAGE NOTES:

- METHOD OF CALCULATION FOR THE POST DEVELOPMENT STORM AREA IS BY TR-55 "URBAN HYDROLOGY FOR SMALL WATERSHEDS".
- THE TOTAL ON-SITE AREA WAS USED AS THE WATERSHED LIMITS TO FIND THE WEIGHTED CN.
- SEE SEPARATE DRAINAGE CALCULATIONS FOR ADDITIONAL DRAW DOWN ANALYSIS.
- **INDICATES PHYSICAL VOLUME ONLY. PERCOLATION IS NOT INCLUDED. SEE NOTE 3 ABOVE.

DRAINAGE NARRATIVE:

ADVANCE AUTO PARTS IS A +/- 1.1 ACRE SITE LOCATED IN MARION COUNTY, FLORIDA. THE EXISTING SITE IS HEAVILY WOODED AND GENERALLY SLOPES TOWARDS THE EXISTING R/W SURROUNDING THE SITE. THE PROPOSED DEVELOPMENT WILL CONSIST OF BUILDING, SIDEWALK, AND PAVED PARKING IMPROVEMENTS AMOUNTING TO +/- 0.7 ACRES OF NEW IMPERVIOUS AREA. STORMWATER FROM THE PROPOSED DEVELOPMENT WILL BE DIRECTED TO AN ON-SITE DRAINAGE RETENTION AREAS (D.R.A.) BY A SERIES OF SWALES, INLETS, AND STORM PIPING. THE STORMWATER FACILITY IS SIZED TO ACCOMMODATE THE POST-CONDITION RUNOFF FROM THE 100-YEAR, 24-HOUR STORM EVENT. THE POST-CONDITION RUNOFF RATE AND VOLUME IS LESS THAN THE PRE-CONDITION RATE AND VOLUME. STORMWATER QUALITY IS PROVIDED IN THE PROPOSED D.R.A.

D.R.A. CONSTRUCTION NOTES:

THE FOLLOWING CONSTRUCTION PROCEDURES ARE ADVISABLE TO AVOID POTENTIAL IMPACT(S) TO THE RETENTION AREA RECOVERY DUE TO CONSTRUCTION PRACTICES. CONTRACTOR TO REFER TO APPLICABLE WATER MANAGEMENT DISTRICT PERMIT INFORMATION MANUAL FOR ADDITIONAL INFORMATION.

- INITIALLY EXCAVATE AND ROUGH GRADE THE RETENTION BASIN WITHIN 12 INCHES OF THE BASIN BOTTOM AND SIDE SLOPES. IMPORTANT! DO NOT OVER-EXCAVATE ANY PORTION OF THE RETENTION BASIN BOTTOM OR SIDE SLOPES!
- AFTER THE AREA CONTRIBUTING TO THE BASIN HAS BEEN STABILIZED, THE INTERIOR SIDE SLOPES AND BASIN BOTTOM SHOULD BE EXCAVATED TO FINAL DESIGN SPECIFICATIONS. THE EXCESS SOIL AND UNDESIRABLE MATERIAL SHOULD BE CAREFULLY EXCAVATED AND REMOVED FROM THE POND SO THAT ANY ACCUMULATED SILTS, CLAYS, ORGANICS, AND OTHER FINE SEDIMENT MATERIAL ARE REMOVED. THE EXCAVATED MATERIAL SHOULD BE UTILIZED OR DISPOSED OF.
- THE ENTIRE BASIN BOTTOM SHOULD BE DEEP RAKED AND LOOSENED FOR OPTIMAL INFILTRATION.
- THE FINAL STABILIZATION OF THE BASIN SHOULD BE DONE PER THE CONSTRUCTION PLANS.

SOIL TEST RESULTS: P-X

TESTED BY: GEOTECH, INC.
 TEST DATE: AUGUST 14, 2023

TEST HOLE P-1 (GROUND EL = ±87.9)

0' - 156" BROWN FINE SAND (SP)
 156" - 180" YELLOWISH BROWN CLAYEY SAND (SC)
 180" - 240" YELLOWISH BROWN AND GREY CLAYEY SAND (SC)
 FIELD HORIZONTAL PERMEABILITY @ APPROX. 6.5" = 30.2 FEET/DAY
 FIELD VERTICAL PERMEABILITY @ APPROX. 6.5" = 18.7 FEET/DAY
 ESTIMATED SEASONAL HIGH WATER TABLE @ APPROX. 15.0 FEET
 CONFINING LAYER GREATER THAN DEPTH DRILLED

TEST HOLE P-2 (GROUND EL = ±86.6)

0' - 90" BROWN FINE SAND (SP)
 90" - 138" YELLOWISH BROWN CLAYEY SAND (SC)
 138" - 240" YELLOWISH BROWN AND GREY CLAYEY SAND (SC)
 FIELD HORIZONTAL PERMEABILITY @ APPROX. 5.0" = 26.2 FEET/DAY
 ESTIMATED SEASONAL HIGH WATER TABLE @ APPROX. 11.5 FEET
 CONFINING LAYER GREATER THAN DEPTH DRILLED

TEST HOLE P-3 (GROUND EL = ±87.1)

0' - 60" BROWN FINE SAND (SP)
 60" - 102" YELLOWISH BROWN CLAYEY SAND (SC)
 102" - 240" YELLOWISH BROWN AND GREY CLAYEY SAND (SC)
 FIELD HORIZONTAL PERMEABILITY @ APPROX. 6.0" = 4.1 FEET/DAY
 ESTIMATED SEASONAL HIGH WATER TABLE @ APPROX. 8.5 FEET
 CONFINING LAYER GREATER THAN DEPTH DRILLED

TEST HOLE P-4 (GROUND EL = ±86.7)

0' - 132" BROWN FINE SAND (SP)
 132" - 162" YELLOWISH BROWN CLAYEY SAND (SC)
 162" - 240" YELLOWISH BROWN AND GREY CLAYEY SAND (SC)
 FIELD HORIZONTAL PERMEABILITY @ APPROX. 5.0" = 30.6 FEET/DAY
 FIELD VERTICAL PERMEABILITY @ APPROX. 5.0" = 17.0 FEET/DAY
 ESTIMATED SEASONAL HIGH WATER TABLE @ APPROX. 13.5 FEET
 CONFINING LAYER GREATER THAN DEPTH DRILLED

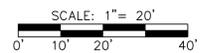
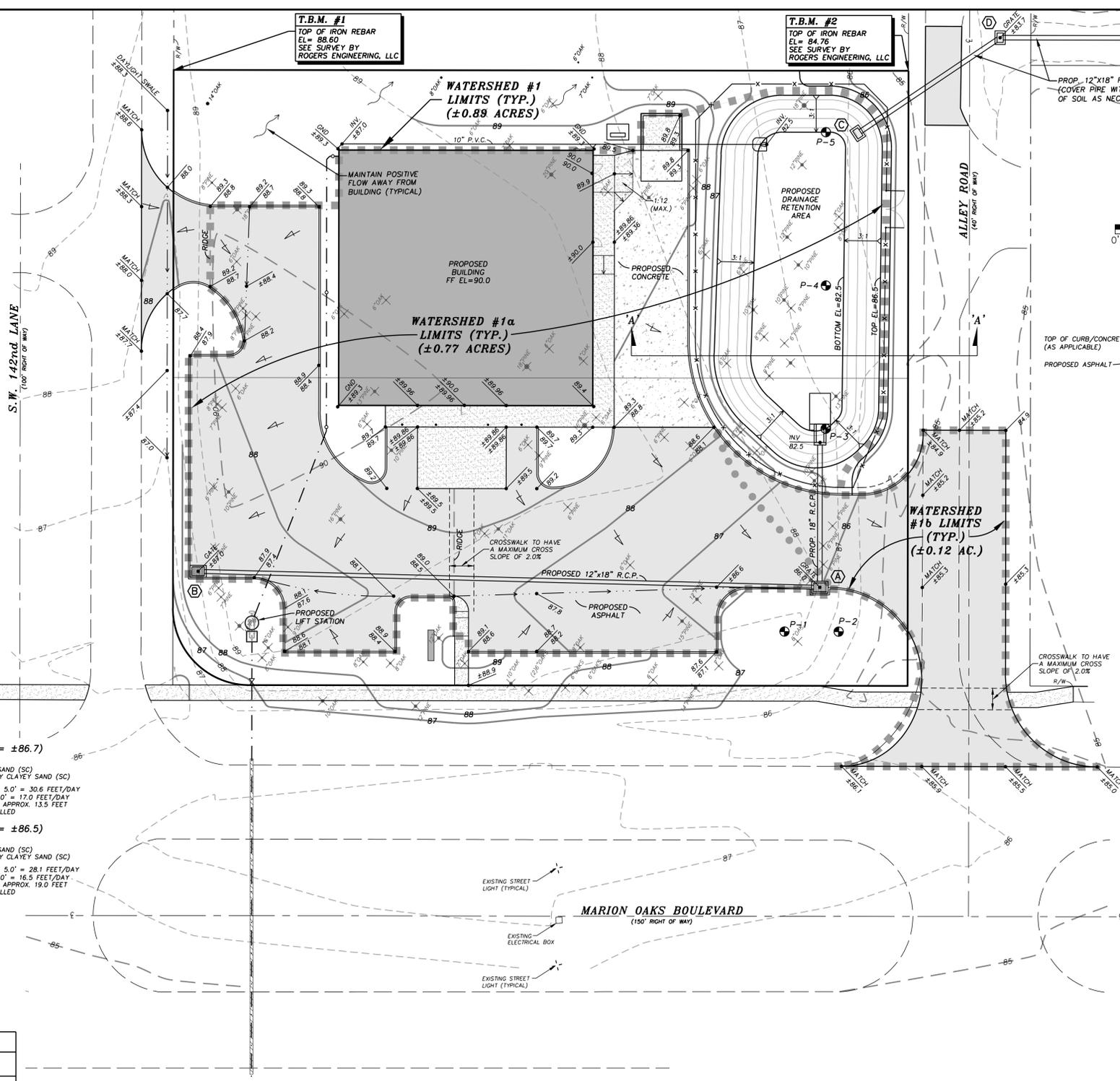
TEST HOLE P-5 (GROUND EL = ±86.5)

0' - 150" BROWN FINE SAND (SP)
 150" - 228" YELLOWISH BROWN CLAYEY SAND (SC)
 228" - 240" YELLOWISH BROWN AND GREY CLAYEY SAND (SC)
 FIELD HORIZONTAL PERMEABILITY @ APPROX. 5.0" = 28.1 FEET/DAY
 FIELD VERTICAL PERMEABILITY @ APPROX. 5.0" = 16.5 FEET/DAY
 ESTIMATED SEASONAL HIGH WATER TABLE @ APPROX. 19.0 FEET
 CONFINING LAYER GREATER THAN DEPTH DRILLED

STRUCTURE				STORM PIPE		
NUMBER	STRUCTURE	GRATE EL.	INV. EL.	NUMBER	LIN. FT.	SIZE (INCHES) % SLOPE
A	TYPE 'T' INLET	86.0	N.E. INV. = 83.1 N.W. INV. = 83.2	A - D.R.A.	47	18 1.28
B	TYPE 'T' INLET	87.0	S.E. INV. = 84.3	B - A	203	12X18 0.54
C	TYPE 'C' INLET	85.5	E. INV. = 82.0 FALSE BOTTOM = 81.0	D - E	56	12X18 0.54
D	TYPE 'C' INLET	±83.7	W. INV. = 81.6 S.E. INV. = 81.7	MITERED END SECTION	48	12X18 0.63

STORM SEWER NOTES:

- STORM SEWER IS DESIGNED FOR A 25^{yr} STORM EVENT.
- ALL INLETS SHALL BE PROTECTED WITH SILT CONTROL PRODUCTS FROM "DANDY PRODUCTS" (SEE SHEET C9) UNTIL PAVING OPERATIONS ARE COMPLETED.
- IT IS THE RESPONSIBILITY OF THE MANUFACTURER TO PROVIDE ALTERNATE B STRUCTURE BOTTOMS AS NEEDED.
- INVERTS AND CONNECTIONS TO BE PER F.D.O.T. STANDARD PLANS INDEX #425-001.
- ALL STORM INLETS TO BE CONSTRUCTED PER F.D.O.T. STANDARD PLANS INDEX #425-024, #425-052, AND #425-053 AS APPLICABLE.



GRADING LEGEND:

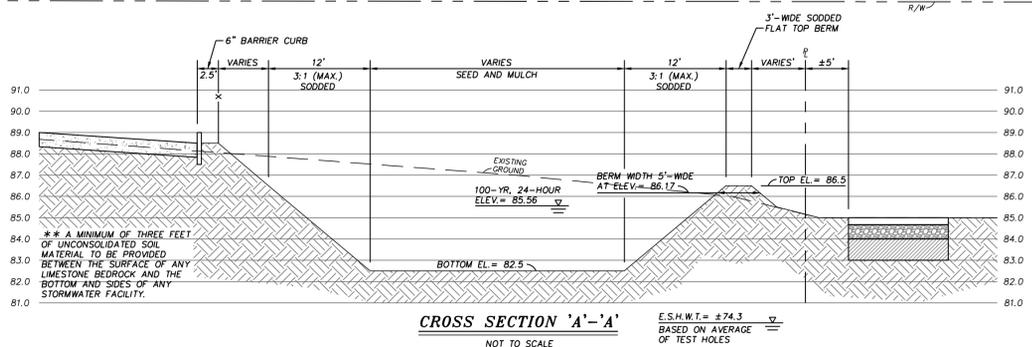
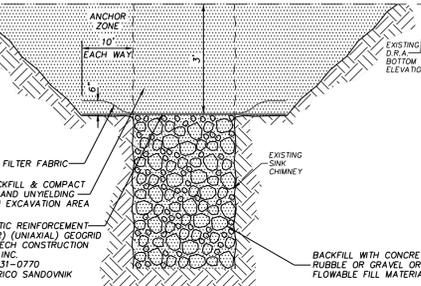
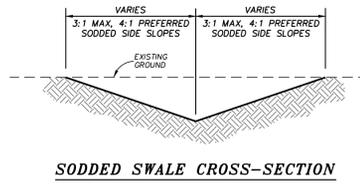
- PROPOSED RIDGE
- PROPOSED SWALE
- EXISTING ELEVATIONS (SPOT SHOTS)
- PROPOSED ELEVATIONS (UNLESS OTHERWISE NOTED)
- POST CONDITION FLOW ARROW
- EXISTING CONTOURS (AS LABELED)
- PROPOSED CONTOURS (AS LABELED)
- SLOPE LABEL

NOTES TO PAVING/SITE CONTRACTOR:

- ADHERE TO GRADES SHOWN FOR HANDICAP SPACE(S), WHICH SHOULD NOT EXCEED 1:50 OR 2.0% SLOPE IN ANY DIRECTION. SEE GRADES FOR ELEVATIONS.
- ADHERE TO GRADES SHOWN FOR CONCRETE SIDEWALKS WHICH SHOULD NOT EXCEED 0.2% (1:50) CROSS SLOPE, OR 5.0% (1:20) RUNNING SLOPE.
- ADHERE TO GRADES SHOWN FOR CONCRETE RAMPS WHICH SHOULD NOT EXCEED 0.2% (1:50) CROSS SLOPE, OR 8.33% (1:12) RUNNING SLOPE.
- ADHERE TO GRADES SHOWN FOR CONCRETE LANDINGS WHICH SHOULD NOT EXCEED 0.2% (1:50) SLOPE IN ANY DIRECTION.

IMPORTANT!!

PRIOR TO CONSTRUCTION, CONTRACTOR IS TO LOCATE ALL UTILITIES, INCLUDING SOFT-DIGS TO VERIFY LOCATION AND INVERTS AND CONTACT PROJECT ENGINEER WITH LOCATION INFORMATION!! IT MAY BE NECESSARY TO REMOVE, MODIFY, AND/OR RELOCATE EXISTING UTILITY SYSTEMS TO CONTINUE PROVIDING SERVICE TO EXISTING BUILDING AND FACILITIES. COORDINATION OF ANY TEMPORARY SERVICE INTERRUPTIONS TO BE THE RESPONSIBILITY OF THE CONTRACTOR.



125 NE 1st AVENUE
 SUITE 2
 Ocala, FL 34470
 PHONE: (352) 854-5961

DAVIS DINKINS ENGINEERING, P.A.

CERTIFICATE OF AUTHORIZATION #28150

NO.	REVISION	DATE	BY	CHECK
3	PER COUNTY REVIEW	03-18-24		
2	PER S.W.F.W.M.D. REVIEW	03-13-24		
1	PERMITTING ISSUE	08-29-23		
NO	REVISION			

DESIGN: D.D./J.S. DRAW: T.N./S.U. CHECK: D.L.D.

MAJOR SITE PLAN - GRADING/DRAINAGE

ADVANCE AUTO PARTS

MARION COUNTY, FLORIDA

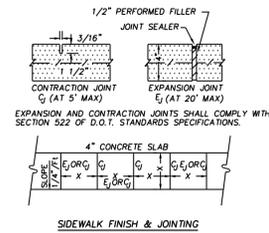
NOT VALID UNLESS EITHER DIGITALLY SIGNED AND SEALED, OR ORIGINALLY SIGNED, DATED AND SEALED WITH PROFESSIONAL ENGINEER'S SEAL BELOW:

DAVIS L. DINKINS, P.E.
 FL LICENSE NO. 60058

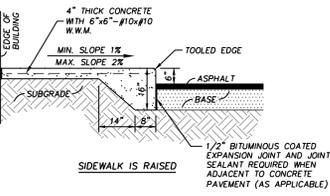
DATE: _____

IF DIGITALLY SIGNED AND SEALED:
 DAVID L. DINKINS, STATE OF FLORIDA,
 PROFESSIONAL ENGINEER, LICENSE NO. 60058.
 THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DAVID L. DINKINS ON THE DATE INDICATED HERE.

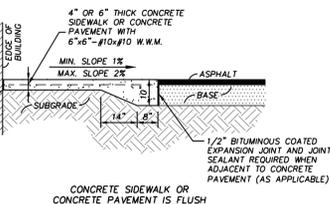
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SIDEWALK FINISH & JOINTING



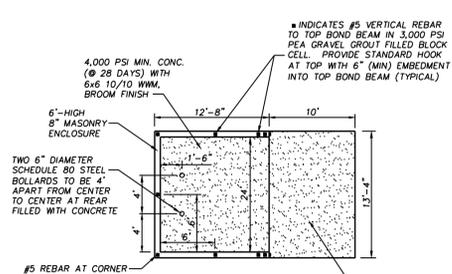
SIDEWALK IS RAISED



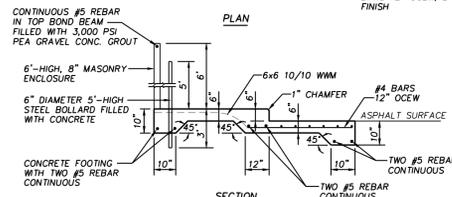
CONCRETE SIDEWALK OR CONCRETE PAVEMENT IS FLUSH

SIDEWALK & PAVEMENT DETAILS

(NOT TO SCALE)

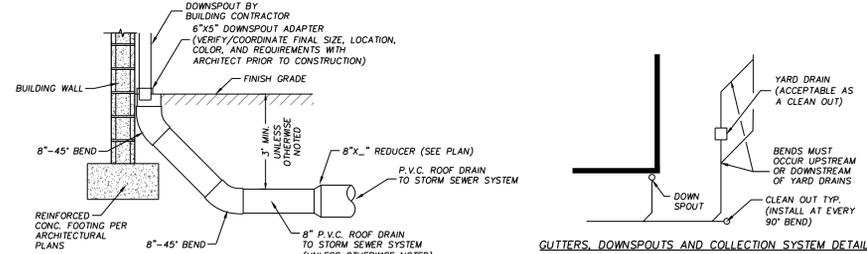


DUMPSTER PAD AND ENCLOSURE DETAIL



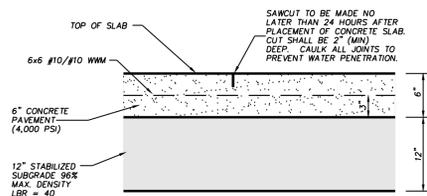
DUMPSTER PAD AND ENCLOSURE DETAIL

NOTES:
1. CONCRETE DUMPSTER PAD SHALL BE TO MARION COUNTY STANDARDS.
2. DUMPSTER PAD SCREEN WALL SHALL BE OF THE SAME MATERIAL & COLOR AS THE MAIN BUILDING STRUCTURE. CONTACT PROJECT ARCHITECT.
3. OPTIONAL GATES (IF INSTALLED) SHALL BE MAINTAINED BY OWNER AND WILL COST EXTRA FOR HANDLING.



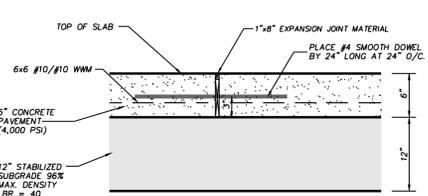
ROOF DRAIN DOWNSPOUT CONNECTION DETAIL

NOT TO SCALE



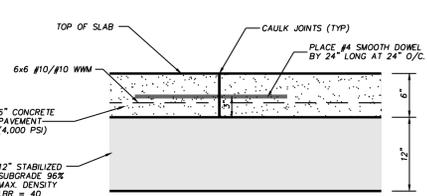
6\"/>

NOTE: NO JOINTS SHALL BE SPACED AT GREATER THAN 15' IN EITHER DIRECTION.



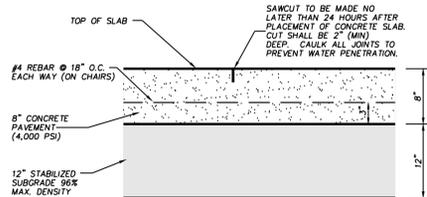
6\"/>

NOTE: EXPANSION JOINT IS REQUIRED AT SPACING OF NO MORE THAN 100' O.C. AND ALONG ALL BUILDINGS.



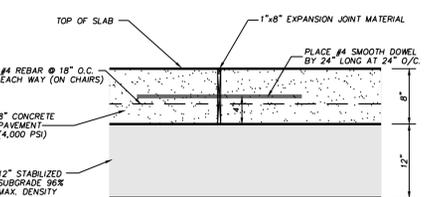
6\"/>

(NOT REQUIRED IF CONSTRUCTION IS CONTINUOUS)



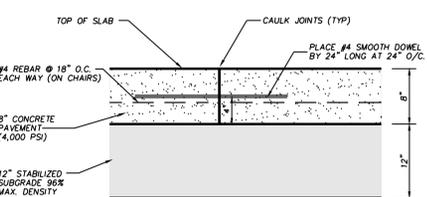
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NOTE: EXPANSION JOINT IS REQUIRED AT SPACING OF NO MORE THAN 100' O.C. AND ALONG ALL BUILDINGS.



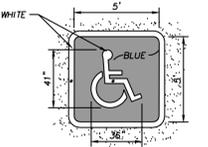
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NOTE: EXPANSION JOINT IS REQUIRED AT SPACING OF NO MORE THAN 100' O.C. AND ALONG ALL BUILDINGS.



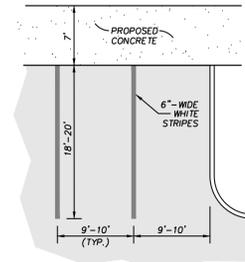
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(NOT REQUIRED IF CONSTRUCTION IS CONTINUOUS)

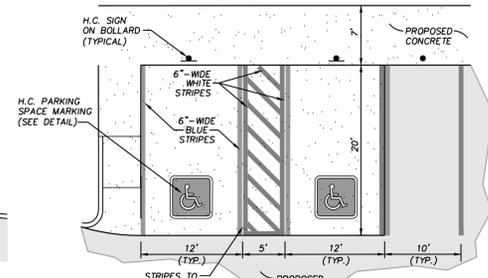


H.C. SPACE MARKING

* STROKE WIDTH TO BE 4 INCHES (STRIPING BY SITE CONTRACTOR)



STANDARD SPACES

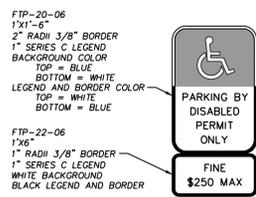


HANDICAP SPACES

PARKING SPACE DETAILS

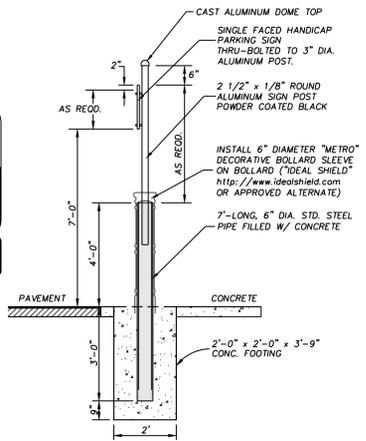
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STRIPING TO BE BY SITE CONTRACTOR



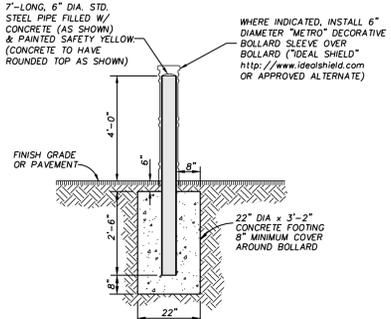
PARKING BY DISABLED PERMIT ONLY

REFERENCE F.O.D.T. INDEX #17355

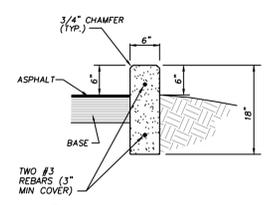


HANDICAP SIGN & POST SUPPORT

NOT TO SCALE

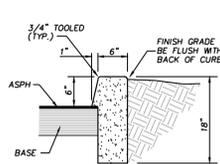


BOLLARD DETAIL



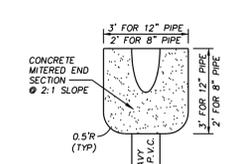
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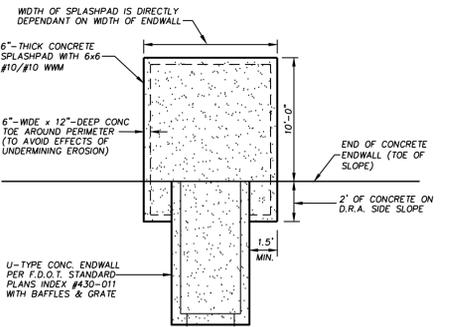
TRENCH CURB DETAIL

(NOT TO SCALE)



MITERED END DETAIL

(NOT TO SCALE)



U-TYPE ENDWALL & SPLASHPAD DETAIL

NOT TO SCALE

3	PER COUNTY REVIEW	03-18-24
2	PER S.W.F.W.M.D. REVIEW	03-13-24
1	PERMITTING ISSUE	08-29-23
NO	REVISION	DATE

NOT VALID UNLESS EITHER DIGITALLY SIGNED AND SEALED, OR ORIGINALLY SIGNED, DATED AND SEALED WITH PROFESSIONAL ENGINEER'S SEAL BELOW:

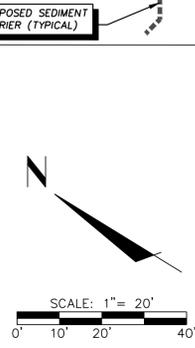
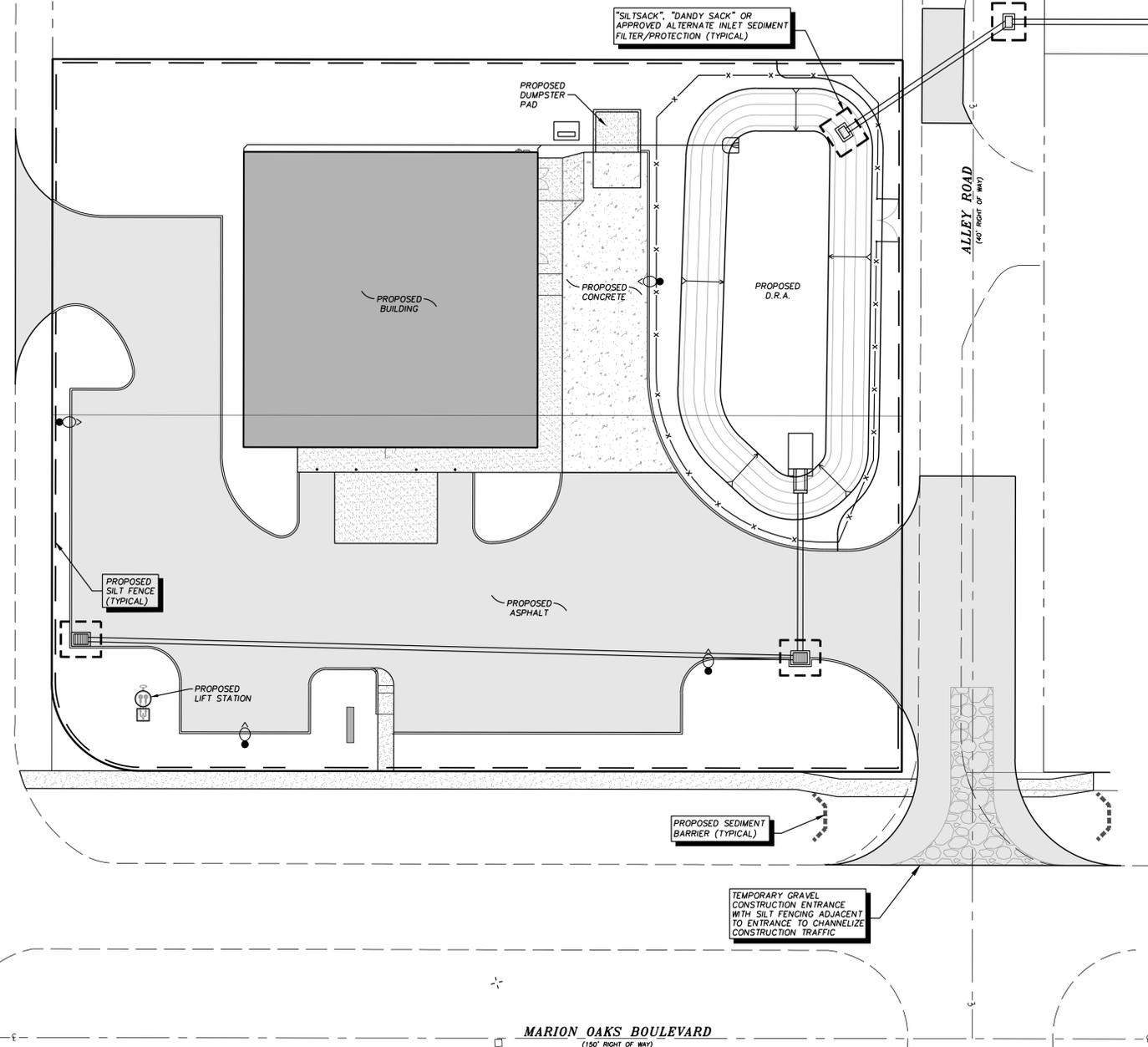
DAVIS L. DINKINS, P.E.
FL LICENSE NO. 60058

DATE: _____
IF DIGITALLY SIGNED AND SEALED:
DAVIS L. DINKINS, STATE OF FLORIDA,
PROFESSIONAL ENGINEER, LICENSE NO. 60058.
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DAVIS L. DINKINS ON THE DATE INDICATED HERE.

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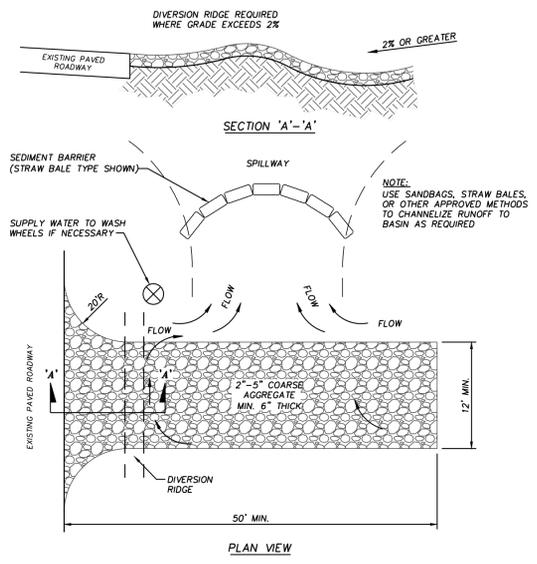
S.W. 142nd LANE
(100' RIGHT OF WAY)

MARION OAKS BOULEVARD
(150' RIGHT OF WAY)



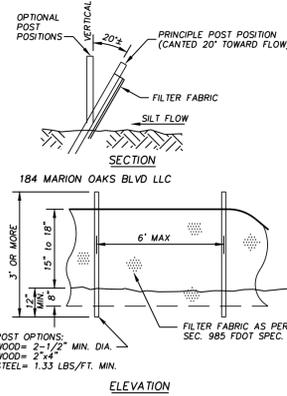
- INSTALLATION:**
1. REMOVE THE GRATE FROM THE CATCH BASIN.
 2. FOR OIL AND SEDIMENT MODEL, TO INSTALL OR REPLACE ABSORBENT, PLACE ABSORBENT PILLOW IN UNIT, ON THE BOTTOM (BELOW-GRADE SIDE) OF THE UNIT.
 3. STAND THE GRATE ON END, MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE DANDY SACK™ UNIT SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS. THE GRATE SHOULD BE CRADLED BETWEEN THE UPPER AND LOWER STRAPS.
 4. HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE INLET, BEING CAREFUL THAT THE GRATE REMAINS IN PLACE AND BEING CAREFUL NOT TO DAMAGE THE DANDY SACK™ UNIT.
- MAINTENANCE:**
1. REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT.
 2. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE DANDY SACK™ UNIT. IF THE UNIT IS MORE THAN 1/3 FULL OF ACCUMULATED SEDIMENT, THE UNIT MUST BE EMPTIED.
 3. TO EMPTY THE UNIT, USING THE LIFTING STRAPS LIFT THE UNIT OUT OF THE INLET AND REMOVE THE GRATE, TRANSPORT THE UNIT TO AN APPROPRIATE LOCATION FOR REMOVAL OF THE CONTENTS. HOLDING THE DUMPING STRAPS ON THE OUTSIDE AT THE BOTTOM OF THE UNIT, TURN THE UNIT UPSIDE DOWN, EMPTYING THE CONTENTS. REINSTALL UNIT AS ABOVE.
 4. FOR OIL AND SEDIMENT MODEL, REMOVE AND REPLACE ABSORBENT WHEN NEAR SATURATION.
 5. DISPOSE OF UNIT AND/OR ABSORBENT IN ACCORD WITH APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL LAWS AND REGULATIONS.

DANDY SACK™ DETAIL



- NOTES:**
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE



TYPE III SILT FENCE DETAIL
FOOT INDEX #102

EROSION CONTROL NOTES:

1. DISCHARGE CONTROL AND EROSION PROTECTION MEASURES SHALL BE EMPLOYED AND OPERATED AT ALL TIMES DURING CONSTRUCTION TO AVOID ADVERSE IMPACTS TO RECEIVING WATERS OR ADJACENT PROPERTY. DETENTION/RETENTION STORAGE STRUCTURES, SEDIMENT BARRIERS, FLOW CONVEYANCES, REVEMENT, DISCHARGE CONTROL STRUCTURES, AND OTHER STORMWATER MANAGEMENT STRUCTURES SHOULD BE BUILT AND CONTINUOUSLY MAINTAINED DURING PROJECT CONSTRUCTION IN A MANNER SUCH THAT, TO THE EXTENT POSSIBLE, THE STRUCTURES ARE INCORPORATED INTO AND BECOME PART OF THE PERMANENT SURFACE WATER MANAGEMENT SYSTEM.
2. THE OWNER/PERMITEE SHALL ENSURE THAT THE SURFACE WATER AND STORMWATER MANAGEMENT MEASURES PROPOSED IN THE PLAN ARE EFFECTIVELY IMPLEMENTED UNTIL COMPLETION OF THE PROJECT OR UNTIL THE PERMANENT SURFACE WATER MANAGEMENT SYSTEM IS OPERATIONAL.
3. THE SITE SHALL REMAIN FREE OF EXCESS DUST AND DEBRIS AT ALL TIMES. ANY INCIDENCE OF EROSION, SEDIMENTATION, DUST OR DEBRIS OCCURRING OFF-SITE AS A RESULT OF CONSTRUCTION ACTIVITIES ON THIS DEVELOPMENT SHALL BE CORRECTED BY THE CONTRACTOR IMMEDIATELY (FOR EACH OCCURRENCE).
4. ALL STORM WATER MANAGEMENT SYSTEMS SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF IMPERVIOUS AREAS.
5. SILT FENCE, STRAW BALE INLET FILTERS, AND ANY OTHER EROSION/SEDIMENTATION PROTECTION SHOWN ON THESE PLANS SHALL BE INSTALLED IMMEDIATELY FOLLOWING SITE CLEARING AND PRIOR TO ANY SITE DEVELOPMENT. ALL EROSION/SEDIMENTATION PROTECTION SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION PROJECT AND REMOVED AFTER COMPLETION.
6. CONSTRUCTION WASTE - WASTE SHALL BE COLLECTED AT A DESIGNATED AREA ON-SITE. ADEQUATE NUMBER OF CONTAINERS SHALL BE PROVIDED (WHEN POSSIBLE COVER CONTAINERS OR PROVIDE LIDS ON CONTAINERS). ARRANGE FOR WASTE COLLECTION BEFORE. CONTAINERS OVERFLOW, PROVIDE CLEAN UP IMMEDIATELY IF SPILLAGE OCCURS.
7. CONCRETE TRUCKS - EMPTYING OR WASH OUT OF EXCESS CONCRETE MAY BE ALLOWED ON-SITE. EXCESS CONCRETE AND WASH WATER SHOULD BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN THESE MATERIALS AND STORMWATER WHICH WILL BE DISCHARGED FROM THE SITE. FOR EXAMPLE, DIKES COULD BE CONSTRUCTED AROUND THE AREA TO CONTAIN THESE MATERIALS UNTIL THEY HARDEN, AT WHICH TIME THEY MAY BE PROPERLY DISPOSED OF.
8. OFFSITE VEHICLE TRACKING OF SEDIMENT - ADJACENT PAVED STREETS SHALL BE SWEEP DAILY (AS NECESSARY) TO REMOVE ANY EXCESS MUD, DIRT, OR ROCK TRACKED FROM SITE.
9. SANITARY/SEPTIC DISPOSAL - DOMESTIC WASTE HAULERS SHOULD BE CONTRACTED TO REGULARLY REMOVE THE SANITARY AND SEPTIC WASTES AND TO MAINTAIN THE FACILITIES IN GOOD WORKING ORDER.
10. PETROLEUM PRODUCTS - OIL, GASOLINE, LUBRICANTS, AND ASPHALTIC SUBSTANCES SUCH AS PAVING MATERIALS SHOULD BE HANDLED CAREFULLY TO MINIMIZE THEIR EXPOSURE TO STORM WATER. EQUIPMENT SHOULD BE ON-SITE TO CONTAIN AND CLEAN UP PETROLEUM SPILL IN FUEL STORAGE AREAS OR ON BOARD MAINTENANCE AND FUELING VEHICLES. CONTAIN AND CLEAN UP PETROLEUM SPILLS IMMEDIATELY.
11. HAZARDOUS PRODUCTS - THESE PRODUCTS SHALL BE USED IN A SAFE MANNER TO AVOID POLLUTION OF STORM WATER. EQUIPMENT SHOULD BE ON-SITE TO CONTAIN AND CLEAN UP SPILLS OF HAZARDOUS MATERIALS IN THE AREAS WHERE THESE MATERIALS ARE STORED OR USED. CONTAIN AND CLEAN UP SPILLS IMMEDIATELY AFTER THEY OCCUR.
12. NON-STORM WATER DISCHARGES - THESE DISCHARGES INCLUDE BUT NOT LIMITED TO: FIRE HYDRANT FLUSHINGS, POTABLE WATER SOURCES (FLUSHING), IRRIGATION, BUILDING WASHDOWN, AND AIR CONDITIONING CONDENSATION. PRIOR TO ANY DISCHARGE, ALL DOWNSLOPE SITE SEDIMENTATION AND EROSION CONTROLS SHOULD BE IN PLACE. DISCHARGE SHOULD ONLY BE DIRECTED TO AREAS THAT ARE STABILIZED TO MINIMIZE EROSION (E.G., BUFFER ZONE, VEGETATED FILTER STRIPES, INLET AND OUTLET PROTECTION, LEVEL SPREADERS, ETC.) DO NOT DISCHARGE NON-STORM WATER FLOWS ONTO DISTURBED AREAS.
13. A STORMWATER POLLUTION PREVENTION PLAN INSPECTION REPORT IS REQUIRED AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM EVENT THAT IS 0.5 INCHES OR GREATER. THE REPORTS ARE TO BE FILED AT THE PROJECT SITE WITH THE STORM WATER POLLUTION PREVENTION PLAN.
14. IN ADDITION TO PROVIDING A TEMPORARY CONSTRUCTION GRAVEL ENTRANCE TO CONTROL THE DEPOSITION OF SEDIMENTS ON PAVEMENTS ADJACENT TO THE PROJECT SITE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PERIODIC SWEEPING OF EXISTING ON-SITE PAVED SURFACES AND ALL PUBLIC TRAVEL WAYS CONTIGUOUS TO THE PROJECT-SITE. SWEEPING SHALL BE DONE BY MECHANICAL MEANS ON A REGULAR BASIS SEVERAL TIMES A WEEK INCLUDING, MOST PARTICULARLY, AFTER EVERY RAIN EVENT AND EVERY FRIDAY AFTERNOON PRIOR TO CEASING WORK FOR THE WEEK.
15. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A LETTER FROM OWNER OF PERMANENT DISPOSAL SITE FOR EXCAVATED MATERIAL THAT ACCEPTS MATERIAL AND ACKNOWLEDGES THE PERMANENT DISPOSAL SITE IS NOT IN A FLOOD PLAIN.

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

NAME/CONSTRUCTION COMPANY NAME: _____ DATE: _____

THE STORMWATER MANAGEMENT MEASURES PROPOSED ON THIS PLAN SHALL BE EFFECTIVELY IMPLEMENTED AND MAINTAINED. THE OWNER/AGENT IS AWARE OF AND MUST ASSURE MAINTENANCE OF THE EROSION PROTECTION THAT IS ASSOCIATED WITH THE PROJECT DURING CONSTRUCTION.

TYLER BRADFORD, MANAGING MEMBER
CAHABA CAPITAL GROUP, LLC DATE: _____

125 NE 1st AVENUE
SUITE 2
OCALA, FL 34470
PHONE: (352) 854-5961

DAVIS DINKINS ENGINEERING, P.A.
CERTIFICATE OF AUTHORIZATION #28150

3	PER COUNTY REVIEW	03-18-24
2	PER S.W.F.W.M.D. REVIEW	03-13-24
1	PERMITTING ISSUE	08-29-23
NO	REVISION	DATE

DESIGN: D.D./J.S./J.S. DRAW: J.S./S.U. CHECK: D.L.D.
MAJOR SITE PLAN - S.W.P.P.P.
ADVANCE AUTO PARTS
MARION COUNTY, FLORIDA

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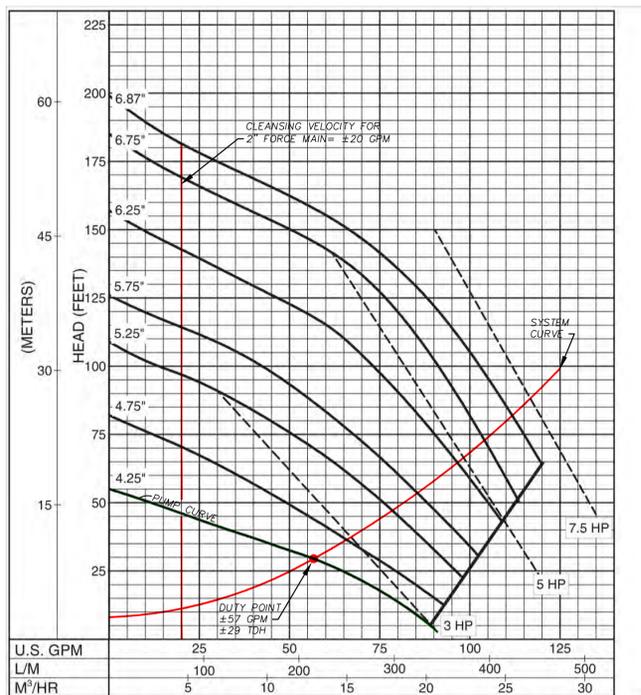
DAVIS L. DINKINS, P.E.
FL LICENSE NO. 60058

DATE: _____
IF DIGITALLY SIGNED AND SEALED:
DAVIS L. DINKINS, STATE OF FLORIDA,
PROFESSIONAL ENGINEER, LICENSE NO. 60058.
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DAVIS L. DINKINS ON THE DATE INDICATED HERE.

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D.E.P. NOTES:

- NOTE TO THE UTILITY: PURSUANT TO RULE 403.859(6), FLORIDA STATUTES, DO NOT PROVIDE WATER SERVICE TO THIS PROJECT (OTHER THAN FLUSHING/TESTING) UNTIL THE DEPARTMENT OF ENVIRONMENTAL PROTECTION HAS ISSUED A LETTER OF CLEARANCE OR THE UTILITY, SHALL BE SUBJECT TO ENFORCEMENT ACTION.
- PERMIT TRANSFER**
THE PERMITTEE WILL PROMPTLY NOTIFY THE DEPARTMENT UPON SALE OR LEGAL TRANSFER OF THE PERMITTED FACILITY OF THIS PERMIT. THIS PERMIT IS TRANSFERABLE ONLY UPON DEPARTMENT APPROVAL. THE NEW OWNER MUST APPLY, BY LETTER, FOR A TRANSFER OF PERMIT WITHIN 30 DAYS.
- UTILITY SEPARATION - VERTICAL CLEARANCE**
VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.
 - NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
 - NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
- AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (a) AND (b), ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
- UTILITY SEPARATION - HORIZONTAL SEPARATION**
HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.
 - NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
 - NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.
 - NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.
 - NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.006(2), F.S., AND RULE 64E-6.002, F.A.C.
- CONSTRUCTION NOTES**
CONTRACTOR IS RESPONSIBLE FOR ADHERING TO CONSTRUCTION REQUIREMENTS OF THE D.E.P. GENERAL PERMIT FOR CONSTRUCTION OF WATER MAIN EXTENSIONS FOR PUBLIC WATER SYSTEMS.
 - ALL PIPE, PIPE FITTINGS, PIPE JOINT PACKING AND JOINTING MATERIALS, VALVES, FIRE HYDRANTS, AND METERS INSTALLED UNDER THIS PROJECT WILL CONFORM TO APPLICABLE AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS. [FAC 62-555.320(2)(B), RSW 8.0, AND AWWA STANDARDS AS INCORPORATED INTO FAC 62-555.330; EXCEPTIONS ALLOWED UNDER FAC 62-555.320(2)(C)].
 - ALL PUBLIC WATER SYSTEM COMPONENTS, EXCLUDING FIRE HYDRANTS, THAT WILL BE INSTALLED UNDER THIS PROJECT AND THAT WILL COME INTO CONTACT WITH DRINKING WATER WILL CONFORM TO NSF INTERNATIONAL STANDARD 61 AS ADOPTED IN RULE 62-555.335, F.A.C., OR OTHER APPLICABLE STANDARDS, REGULATIONS, OR REQUIREMENTS REFERENCED IN PARAGRAPH 62-555.320(3)(B), F.A.C. [FAC 62-555.320(3)(B); EXCEPTIONS ALLOWED UNDER FAC 62-555.320(3)(D)].
 - ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL CONTAIN NO MORE THAN 8.0% LEAD, AND ANY SOLDER OR FLUX USED IN THIS PROJECT WILL CONTAIN NO MORE THAN 0.2% LEAD. [FAC 62-555.322]
 - ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL BE COLOR CODED OR MARKED IN ACCORDANCE WITH SUBPARAGRAPH 62-555.320(2)(B)(3). FITTINGS USING BLUE AS A PREDOMINANT COLOR, UNDERGROUND PLASTIC PIPE WILL BE SOLID-BLUE PIPE, WILL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR WILL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE WALL; AND UNDERGROUND METAL OR CONCRETE PIPE WILL HAVE BLUE STRIPES APPLIED TO THE PIPE WALL. PIPE STRIPES DURING MANUFACTURE OF THE PIPE WILL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED AT NO GREATER THAN 90-DEGREE ANGLES AROUND THE PIPE, AND THAT WILL BE APPLIED DURING INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO APPLY STRIPE PIPE DURING INSTALLATION OF THE PIPE, THE TAPE OR PAINT WILL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE; FOR PIPE WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT WILL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE WILL BE PAINTED BLUE OR WILL BE COLOR CODED OR MARKED LIKE UNDERGROUND PIPE. [FAC 62-555.320(2)(B)(3)].
 - AT HIGH POINTS WHERE AIR CAN ACCUMULATE IN NEW OR ALTERED WATER MAINS INCLUDED IN THIS PROJECT, PROVISIONS WILL BE MADE TO REMOVE THE AIR BY MEANS OF AIR RELIEF VALVES, AND AUTOMATIC AIR RELIEF VALVES WILL NOT BE USED IN SITUATIONS WHERE FLOODING OF THE VALVE MANHOLE OR CHAMBER MAY OCCUR. [FAC 62-555.320(2)(B) AND RSW 8.4.1]
 - THE OPEN END OF THE AIR RELIEF PIPE FROM ALL AUTOMATIC AIR RELIEF VALVES INSTALLED UNDER THIS PROJECT WILL BE EXTENDED TO AT LEAST ONE FOOT ABOVE GRADE AND WILL BE PROVIDED WITH A SCREENED, DOWNWARD-FACING ELBOW. [FAC 62-555.320(2)(B) AND RSW 8.4.2]
 - NEW OR ALTERED CHAMBERS, PITS, OR MANHOLES THAT CONTAIN VALVES, BLOW-OFFS, METERS, OR OTHER SUCH WATER DISTRIBUTION SYSTEM APPURTENANCES AND THAT ARE INCLUDED IN THIS PROJECT WILL NOT BE CONNECTED DIRECTLY TO ANY SANITARY OR STORM SEWER, AND BLOW-OFFS OR AIR RELIEF VALVES INSTALLED UNDER THIS PROJECT WILL NOT BE CONNECTED DIRECTLY TO ANY SANITARY OR STORM SEWER. [FAC 62-555.320(2)(B) AND RSW 8.4.3]
 - NEW OR ALTERED WATER MAINS INCLUDED IN THIS PROJECT WILL BE INSTALLED IN ACCORDANCE WITH APPLICABLE AWWA STANDARDS OR IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDED PROCEDURES. [FAC 62-555.320(2)(B), RSW 8.5.1, AND AWWA STANDARDS AS INCORPORATED INTO FAC 62-555.330]
 - A CONTINUOUS AND UNIFORM BEDDING WILL BE PROVIDED IN TRENCHES FOR UNDERGROUND PIPE INSTALLED UNDER THIS PROJECT; BACKFILL MATERIAL WILL BE TAMPED IN LAYERS AROUND UNDERGROUND PIPE INSTALLED UNDER THIS PROJECT AND TO A SUFFICIENT HEIGHT ABOVE THE PIPE TO ADEQUATELY SUPPORT AND PROTECT THE PIPE, AND UNSUITABLY SIZED STONES (AS DESCRIBED IN APPLICABLE AWWA STANDARDS OR MANUFACTURERS' RECOMMENDED INSTALLATION PROCEDURES) SHALL BE REMOVED FOR A DEPTH OF AT LEAST SIX INCHES BELOW THE BOTTOM OF UNDERGROUND PIPE INSTALLED UNDER THIS PROJECT. [FAC 62-555.320(2)(B), RSW 8.5.2]
 - ALL WATER MAIN TEES, BENDS, PLUGS, AND HYDRANTS INSTALLED UNDER THIS PROJECT WILL BE PROVIDED WITH THRUST BLOCKS OR RESTRAINED JOINTS TO PREVENT MOVEMENT. [FAC 62-555.320(2)(B) AND RSW 8.5.4]
- TESTING**
CONTRACTOR IS RESPONSIBLE FOR ADHERING TO TESTING REQUIREMENTS OF THE D.E.P. GENERAL PERMIT FOR CONSTRUCTION OF WATER MAIN EXTENSIONS FOR PUBLIC WATER SYSTEMS.
 - NEW OR ALTERED WATER MAINS THAT ARE INCLUDED IN THIS PROJECT AND THAT WILL BE CONSTRUCTED OF ASBESTOS-CEMENT OR POLYVINYL CHLORIDE PIPE WILL BE PRESSURE AND LEAKAGE TESTED IN ACCORDANCE WITH AWWA STANDARD C603 OR C604, RESPECTIVELY, AS INCORPORATED INTO RULE 62-555.330, F.A.C., AND ALL OTHER NEW OR ALTERED WATER MAINS INCLUDED IN THIS PROJECT WILL BE PRESSURE AND LEAKAGE TESTED IN ACCORDANCE WITH AWWA STANDARD C600 AS INCORPORATED INTO RULE 62-555.330. [FAC 62-555.320(2)(B) AND AWWA STANDARDS AS INCORPORATED INTO FAC 62-555.330]
 - NEW OR ALTERED WATER MAINS, INCLUDING FIRE HYDRANT LEADS AND INCLUDING SERVICE LINES THAT WILL BE UNDER THE CONTROL OF A PUBLIC WATER SYSTEM AND THAT HAVE AN INSIDE DIAMETER OF THREE INCHES OR GREATER, WILL BE DISINFECTED AND BACTERIOLOGICALLY EVALUATED IN ACCORDANCE WITH RULE 62-555.340, F.A.C. [FAC 62-555.320(2)(B)2 AND FAC 62-555.340]
 - THE PERMITTEE SHALL BE SEPARATELY RESPONSIBLE FOR APPROPRIATE CONSTRUCTION, DISINFECTION AND TESTING BEFORE THE METER TO ASSURE POTABILITY AT THE POINT OF USE.
- FILLING OF WATER MAINS**
FILLING OF PROPOSED WATER MAINS FROM EXISTING WATER MAINS WILL BE DONE IN ACCORDANCE WITH AWWA SPECIFICATION C651.
- CONNECTION TO EXISTING WATER MAINS**
FILLING OF THE PROPOSED ACTIVITY TO THE WATER MAIN WILL RESULT IN A DEPRESSURIZATION OF THE EXISTING SYSTEM BELOW 20 POUNDS PER SQUARE INCH, ONE OF THE FOLLOWING MUST OCCUR:
 - PRECAUTIONARY BOIL WATER NOTICES MUST BE ISSUED IN CASES OF PLANNED DISTRIBUTION INTERRUPTIONS, WHICH ARE DEEMED AN IMMINENT PUBLIC HEALTH THREAT BY THE CDP CENTRAL DISTRICT OR WILL AFFECT THE BACTERIOLOGICAL QUALITY OF THE DRINKING WATER UNLESS THE PUBLIC WATER SYSTEM CAN DEMONSTRATE, BY SOUND ENGINEERING JUDGMENT, THAT THE INTEGRITY OF THE WATER SYSTEM HAS BEEN MAINTAINED; OR
 - IN CASES OF BRIEF INTERRUPTION IN SERVICE, ADVISORIES (NOT BOIL WATER NOTICES) SHOULD BE ISSUED IF TEMPORARY CHANGES IN WATER QUALITY ARE EXPECTED TO OCCUR AND NOT DEEMED AN IMMINENT PUBLIC HEALTH RISK.



The curves reflect maximum performance characteristics without exceeding full load (Nameplate) horsepower. All pumps have a service factor of 1.2. Operation is recommended in the bounded area with operational point within the curve limit. Performance curves are based on actual tests with clear water at 70° F and 1280 feet site elevation.

Conditions of Service:
GPM: ±57 TDH: ±29



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GENERAL LIFT STATION NOTES

DESIGN CONDITIONS

MODEL - HPGH(X)/HPGHH(X)	3/3450 HP/RPM
VOLTAGE - 200 V/3 PHASE	5 T.D. GPM
DISCHARGE - 2"	4.25" GRINDER IMPELLER

ANTICIPATED OPERATING CONDITION

±57 GPM	T.D. GPM
±29 FT/10H	T.D. FT/10H

PUMPS SHALL BE OF THE SUBMERSIBLE TYPE. EACH PUMP SHALL BE MOUNTED ON A 82" RAIL SYSTEM. THE RAIL SYSTEM SHALL BE SELF ENGAGING RESULTING IN A LEAKPROOF COUPLING. THE RAIL SYSTEM SHALL INCLUDE THE BASE ELBOW, DISCHARGE FLANGE ASSEMBLY, 8" J-SHOCK DISCHARGE RAILS, J-SHOCK UPPER GUIDE BRACKET, J-SHOCK LIFTING BALL AND CABLE, AND A SH-HOOK J-SHOCK CABLE HOLDER. THE RAIL SYSTEM SHALL BE MOUNTED AND PRE-PIPED BY THE PUMP SUPPLIER.

PUMP CONSTRUCTION
THE PUMP VOLUTE, MOTOR AND SEAL HOUSING SHALL BE CONSTRUCTED OF CAST IRON, ASTM A-48. ALL EXTERNAL FASTENERS SHALL BE SERIES 300 STAINLESS STEEL. THE PUMP SHAFT SHALL BE CONSTRUCTED OF SERIES 416 STAINLESS STEEL.

IMPELLER
THE IMPELLER SHALL BE OF MULTI-VANE, SEMI-OPEN BRONZE CONSTRUCTION. THE IMPELLER SHALL INCLUDE PUMP-OUT VANES ON THE BACK OF THE IMPELLER AND SHALL BE STATICALLY AND HYDRAULICALLY BALANCED.

CUTTERS
A TWO-STAGE CUTTER ASSEMBLY SHALL BE MOUNTED ON THE SUCTION SIDE OF THE PUMP WITH DIRECT DISCHARGE INTO THE PUMP IMPELLER. THE GRINDER SHALL BE CAPABLE OF GRINDING ALL MATERIALS FOUND IN NORMAL DOMESTIC SEWAGE, INCLUDING PLASTICS, RUBBER, SANITARY NAPPIERS, DISPOSABLE DIAPERS AND WOOD PARTICLES INTO A FINE SLURRY. BOTH THE STATIONARY AND ROTATING CUTTERS SHALL BE CONSTRUCTED OF HARDENED 440C STAINLESS STEEL.

MOTOR
THE MOTOR SHALL BE MOUNTED IN A SEALED, SUBMERSIBLE TYPE HOUSING. THE STATOR SHALL BE SECURELY HELD IN PLACE WITH A REMOVABLE END RING AND THREADED FASTENERS FOR EASY REMOVAL WITHOUT THE USE OF HEAT OR A PRESS. THE MOTOR WILL HAVE TWO HEAVY-DUTY BALL BEARINGS: ONE UPPER (RADIAL) AND ONE LOWER (THRUST), TO SUPPORT THE SHAFT. THE MOTOR SHALL BE EQUIPPED WITH A WINNING THERMOSTAT THAT AUTOMATICALLY SHUTS THE MOTOR OFF IN CASE OF MOTOR OVERHEATING.

SEAL CHAMBER
THE PUMP SHALL HAVE TWO MECHANICAL SEALS, MOUNTED IN TANDEM WITH AN OIL CHAMBER BETWEEN THE SEALS. THE PUMP SHALL BE EQUIPPED WITH A SEAL LEAK DETECTION PROBE AND WARNING SYSTEM BY USING A SEAL FAILURE SENSOR INSTALLED IN THE SEAL CHAMBER.

NET WELL
THE PUMP SUPPLIER SHALL PROVIDE THE FIBERGLASS NET WELL. THIS GLASS FIBER-REINFORCED POLYESTER BASIN SHALL BE CONSTRUCTED OF A COMMERCIAL GRADE OF GLASS FIBER AND SHALL BE PROVIDED WITH AN ANTI-FLOTATION RING WITH A MINIMUM DIAMETER OF THREE INCHES LARGER THAN THE BASIN DIAMETER. THE RAIL SYSTEM, INTERNAL PIPING AND DISCHARGE CONNECTIONS SHALL BE PRE-INSTALLED BY THE PUMP SUPPLIER.

HATCH COVER
THE HATCH COVER SHALL BE 2/3 HINGED TO ALLOW FOR MAXIMUM ACCESS TO THE NET WELL. THE HATCH COVER SHALL BE ALUMINUM WITH STAINLESS STEEL FASTENERS, RATED FOR 150 PSF OR GREATER. THE HATCH COVER SHALL INCLUDE A SINGLE OR DUAL DOOR OF DIMENSIONS SPECIFIED BY THE PUMP MANUFACTURER FOR PROPER PUMP CLEARANCE. THE COVER SHALL BE MANUFACTURED BY US FABRICATION, OR EQUAL.

VALVE BOX
THE VALVE BOX IS FIBERGLASS WITH ALUMINUM LOCKABLE COVER. STANDARD SIZE VALVE BOX IS 3' x 2 1/2' x 2'.

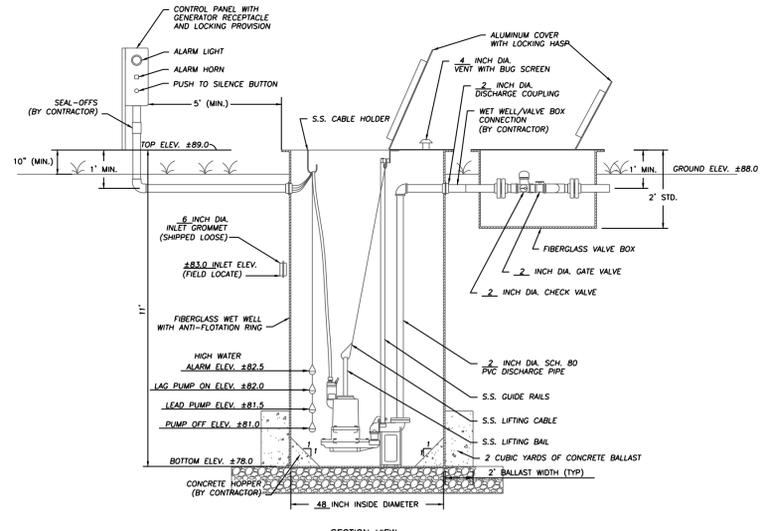
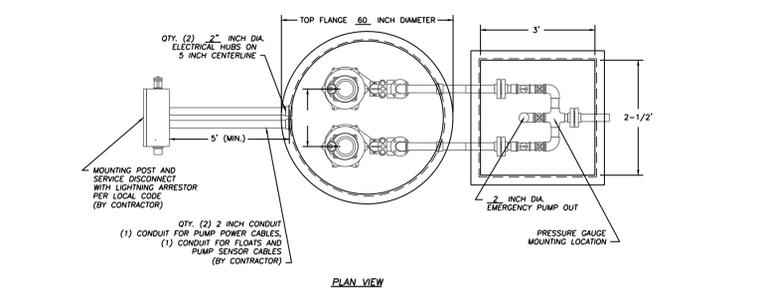
VALVES
VALVES SHALL BE SEWAGE SWING CHECK WITH CLEAN-OUT PORTS AND BRASS GATE VALVES.

FLOATS
FLOATS SHALL BE ANCHOR SCIENTIFIC ROTO-FLOATS OR EQUAL.

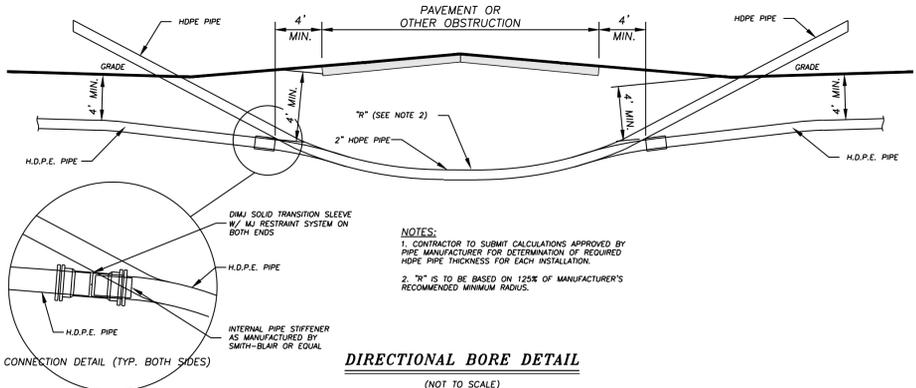
CONTROLS
THE CONTROL PANEL SHALL BE UL308 LISTED. A NEMA 3R OR 4X ENCLOSURE SHALL BE PROVIDED IN EITHER FIBERGLASS OR STAINLESS STEEL. THE PANEL SHALL INCLUDE AN ALTERNATING CONTROL SCHEME (DUPLICATED ABOVE), MAIN CIRCUIT BREAKER, GENERATOR RECEPTACLE, HIGH LEVEL ALARM LIGHT AND HORN, ELAPSED TIME METERS, VOLTAGE OR PHASE MONITOR, SEAL FAILURE AND OVERLOAD SENSORS. THE LIGHTING ARRESTOR SHALL BE SHIPPED LOOSE FOR FIELD INSTALLATION.

SUPPLIER
PUMP SUPPLIER SHALL PROVIDE SUBMERSIBLE PUMPS, SLIDE RAIL ASSEMBLIES, CONTROL PANEL, FLOAT SWITCHES, ALUMINUM MATCHES AND ACCESSORIES TO INSURE PROPER OPERATIONS AND WARRANTY. THE COMPLETE PACKAGE PUMPING STATION SHALL HAVE PUMP BASES, RAIL ASSEMBLIES, AND DISCHARGE PIPING ASSEMBLY BY BARNEY'S PUMPS INC. READY FOR FIELD INSTALLATION.

PUMP PACKAGE SHALL BE SUPPLIED BY BARNEY'S PUMPS INC. IN LAKELAND (863-665-8500), CORAL SPRINGS (954-346-0669), OR JACKSONVILLE (904-260-0669), FL.



LIFT STATION DETAIL
NOT TO SCALE



DIRECTIONAL BORE DETAIL
(NOT TO SCALE)

125 NE 1st AVENUE
SUITE 2
OCALA, FL 34470
PHONE: (352) 854-5961

DAVIS DINKINS ENGINEERING, P.A.
CERTIFICATE OF AUTHORIZATION #28150

3	PER COUNTY REVIEW	03-18-24	DATE
2	PER S.W.F.W.M.D. REVIEW	03-15-24	DATE
1	PERMITTING ISSUE	08-29-23	DATE
NO	REVISION		DATE

DESIGN: D.D./J.S./DRAW: T.N./S.U./CHECK: D.L.D.

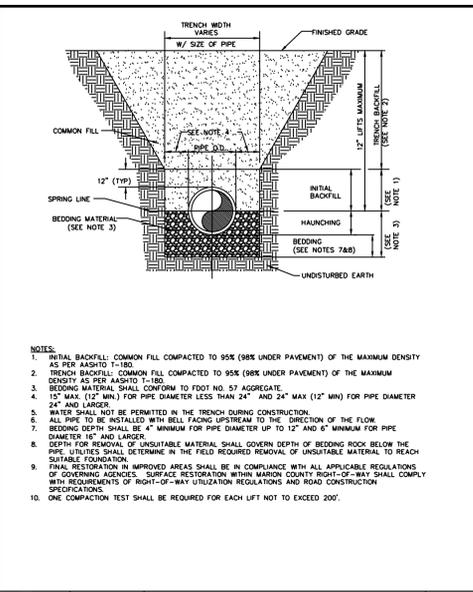
MAJOR SITE PLAN - LIFT STATION
ADVANCE AUTO PARTS
MARION COUNTY, FLORIDA

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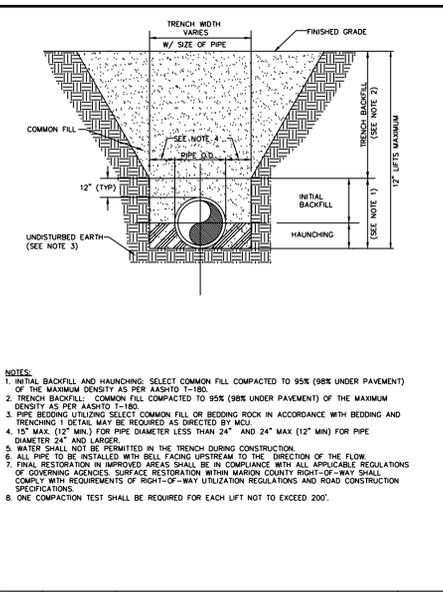
DAVIS L. DINKINS, P.E.
FL LICENSE NO. 60058

DATE: _____
IF DIGITALLY SIGNED AND SEALED:
DAVIS L. DINKINS, STATE OF FLORIDA,
PROFESSIONAL ENGINEER, LICENSE NO. 60058.
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DAVIS L. DINKINS ON THE DATE INDICATED HERE.

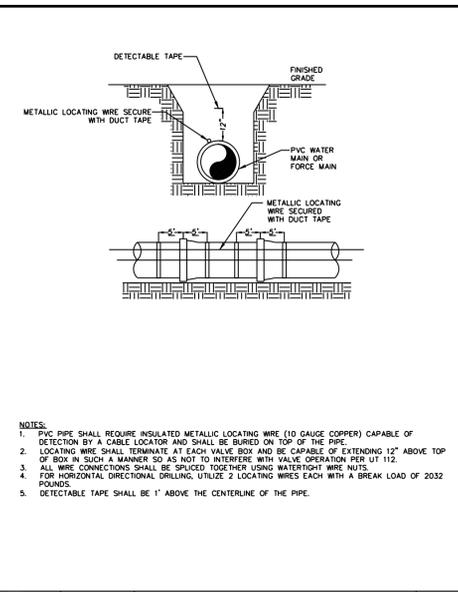
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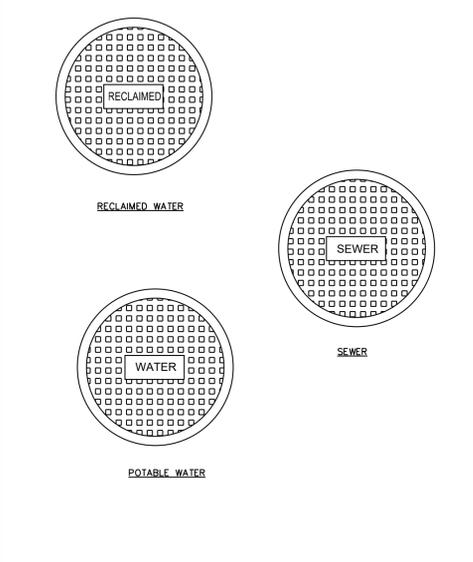
	MCRCC EFFECTIVE 04/13/2023 REVISION # 2	BEDDING AND TRENCHING 1	7.3.2 UT 102
	MCRCC EFFECTIVE 04/13/2023 REVISION # 2		



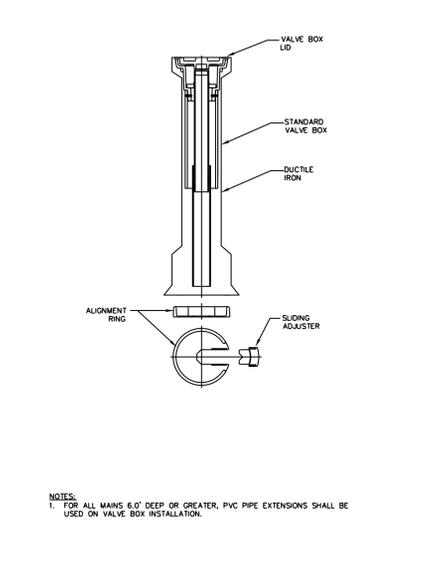
	MCRCC EFFECTIVE 04/13/2023 REVISION # 2	BEDDING AND TRENCHING 2	7.3.2 UT 103
	MCRCC EFFECTIVE 04/13/2023 REVISION # 2		



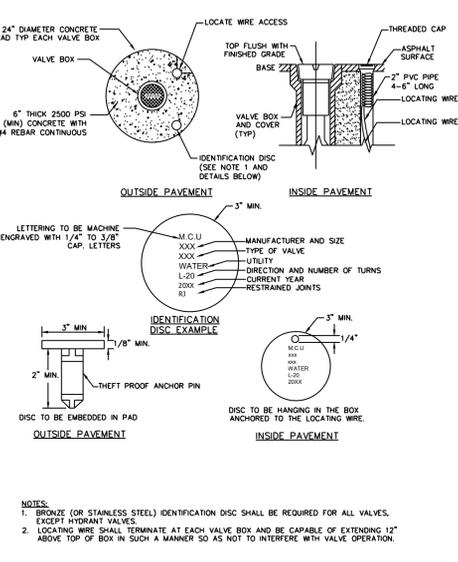
	MCRCC EFFECTIVE 04/13/2023 REVISION # 2	PIPE LOCATING WIRE AND DETECTABLE TAPE	7.3.2 UT 104
	MCRCC EFFECTIVE 04/13/2023 REVISION # 2		



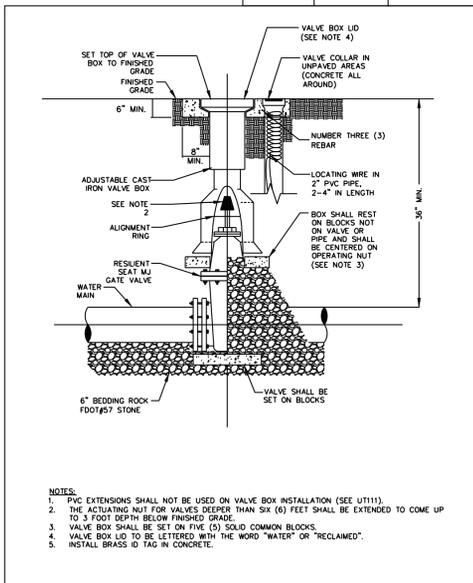
	MCRCC EFFECTIVE 04/13/2023 REVISION # NA	TYPICAL VALVE BOX COVER	7.3.2 UT 110
	MCRCC EFFECTIVE 04/13/2023 REVISION # 1		



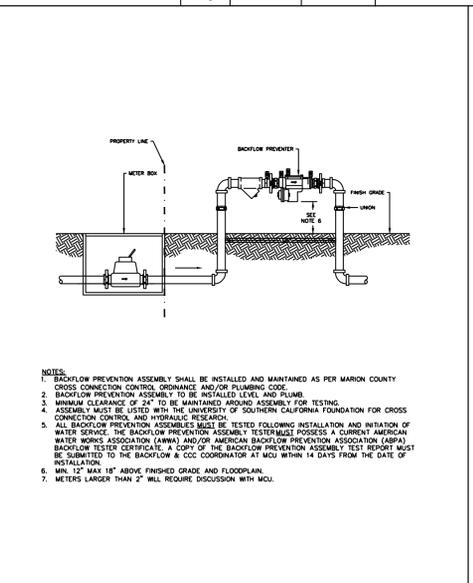
	MCRCC EFFECTIVE 04/13/2023 REVISION # 1	SEALED VALVE BOX, ADJUSTABLE	7.3.2 UT 111
	MCRCC EFFECTIVE 04/13/2023 REVISION # 1		



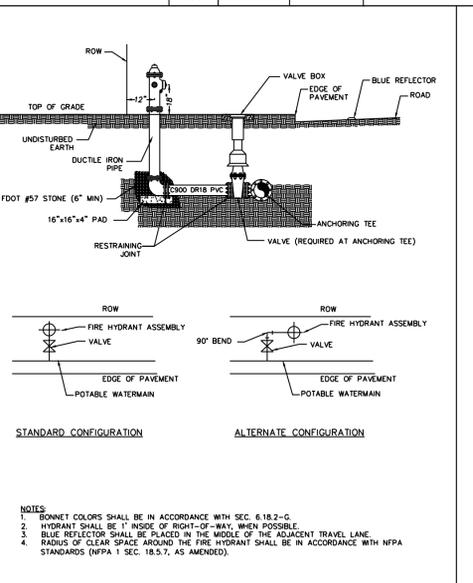
	MCRCC EFFECTIVE 04/13/2023 REVISION # 1	VALVE BOX PAD	7.3.2 UT 112
	MCRCC EFFECTIVE 04/13/2023 REVISION # 1		



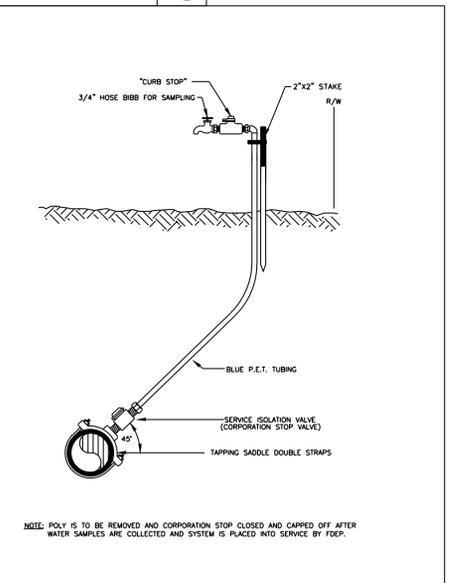
	MCRCC EFFECTIVE 04/13/2023 REVISION # 2	GATE VALVE WATER AND RECLAIMED MAINS	7.3.2 UT 204
	MCRCC EFFECTIVE 04/13/2023 REVISION # 1		



	MCRCC EFFECTIVE 04/13/2023 REVISION # 1	2" AND SMALLER REDUCED PRESSURE AND/OR DOUBLE CHECK BACKFLOW ASSEMBLY	7.3.2 UT 209
	MCRCC EFFECTIVE 04/13/2023 REVISION # 2		



	MCRCC EFFECTIVE 04/13/2023 REVISION # 2	FIRE HYDRANT ASSEMBLY	7.3.2 UT 210
	MCRCC EFFECTIVE 04/13/2023 REVISION # 1		



	MCRCC EFFECTIVE 04/13/2023 REVISION # 1	TEMPORARY SAMPLE POINT	7.3.2 UT 211
	MCRCC EFFECTIVE 04/13/2023 REVISION # 1		

125 NE 1st AVENUE
SUITE 2
OCALA, FL 34470
PHONE: (352) 854-5961

DAVIS DINKINS ENGINEERING, P.A.
CERTIFICATE OF AUTHORIZATION #28150

3	PER COUNTY REVIEW	03-18-24	
2	PER S.W.F.W.M.D. REVIEW	03-13-24	
1	PERMITTING ISSUE	08-29-23	
NO	REVISION	DATE	

DESIGN: D.D./J.S./J.S. DRAW: J.S./S.U. CHECK: D.L.D.

MAJOR SITE PLAN - DETAILS

ADVANCE AUTO PARTS

MARION COUNTY, FLORIDA

NOT VALID UNLESS EITHER DIGITALLY SIGNED AND SEALED, OR ORIGINALLY SIGNED, DATED AND SEALED WITH PROFESSIONAL ENGINEER'S SEAL BELOW:

DAVIS L. DINKINS, P.E.
FL LICENSE NO. 60058

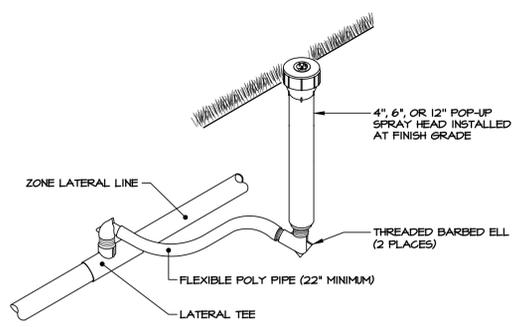
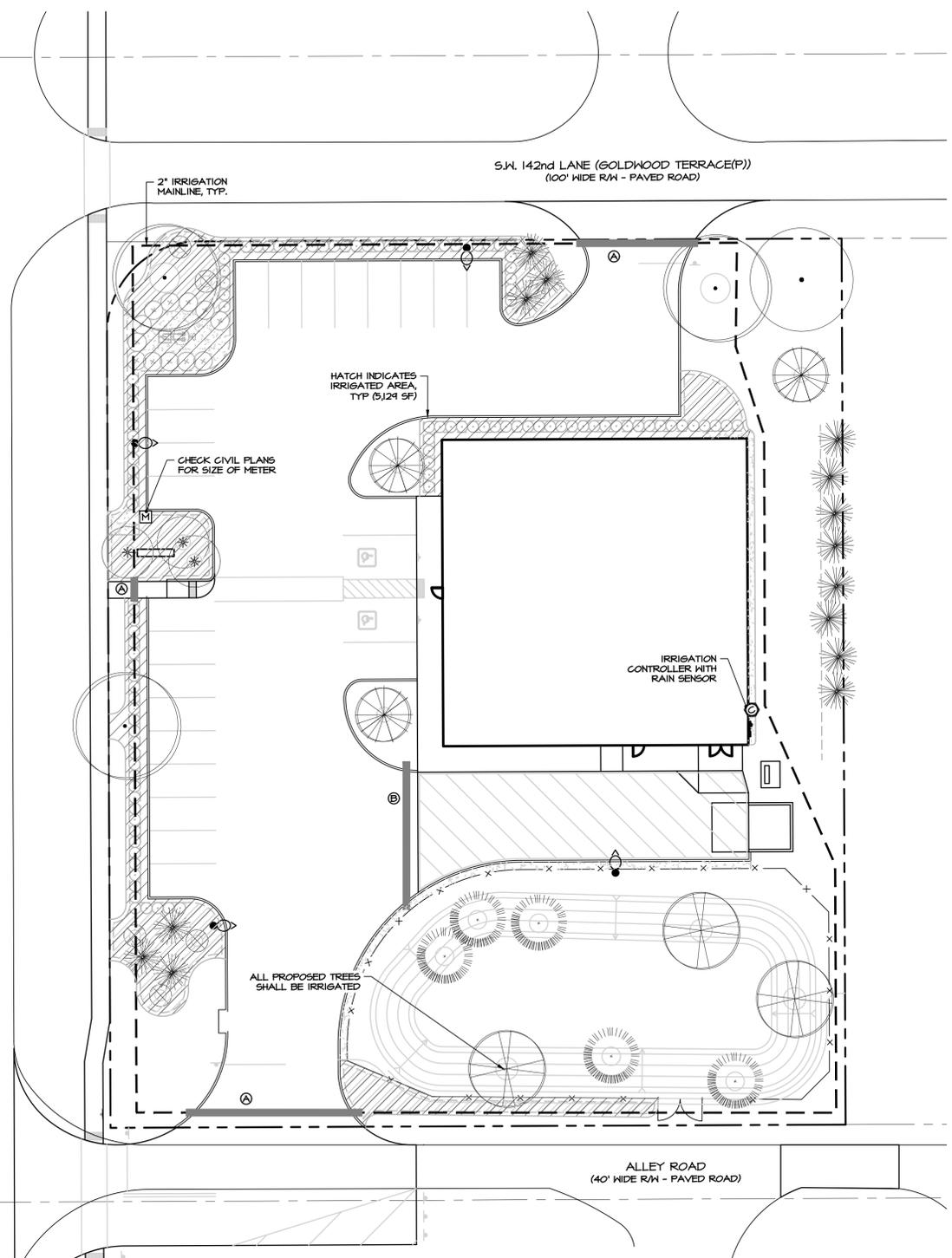
DATE: _____

IF DIGITALLY SIGNED AND SEALED:
DAVIS L. DINKINS, STATE OF FLORIDA,
PROFESSIONAL ENGINEER, LICENSE NO. 60058.
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DAVIS L. DINKINS ON THE DATE INDICATED HERE.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

SHEET **C7** OF 7

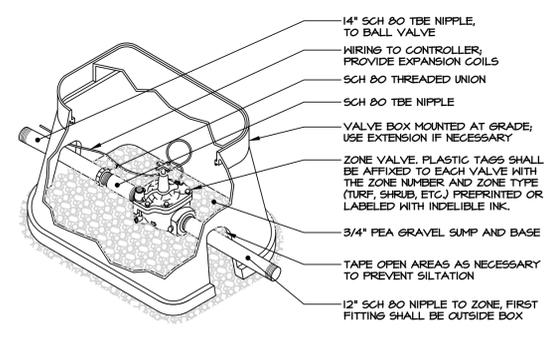
MARION OAKS BOULEVARD
(150' WIDE R/W - 4 LANE DIVIDED ROADWAY)



SPRAY HEAD INSTALLATION
SCALE: N.T.S.

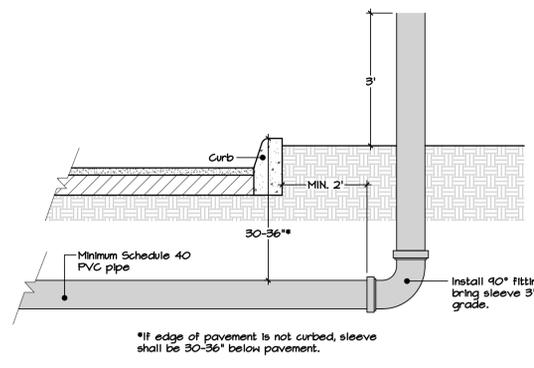
MARION COUNTY IRRIGATION REQUIREMENTS

- Sec. 6.9.5. - Irrigation system installation.**
- Irrigation systems shall only be installed by installation professionals meeting the licensing requirements under Section 6.9.10, except those being installed by property owners on their own single-family residence or owner/occupied duplex.
 - Irrigation systems shall be constructed in accordance with the Florida Irrigation Society's (FIS) Standards and Specifications for Turf and Landscape Irrigation Systems as updated.
- Sec. 6.9.6. - Completion inspection requirements.**
- Irrigation installation professionals shall be accountable for the proper installation and compliance with the conditions of the irrigation permit and approved plans.
 - Upon completion of the installation, the contractor or owner shall request an inspection by the irrigation design professional. Prior to the inspection, the irrigation installation professional shall produce a clear and legible as-built diagram which accurately represents the irrigation system as installed. The diagram shall be presented and reviewed during the final inspection. The diagram may be a marked-up copy of the approved irrigation plan and shall include at a minimum:
 - Locations of all mainlines and mainline valves;
 - Locations of all remote control valves;
 - Water demand per zone in GPM; and
 - Total water demand per operating cycle.
 - The irrigation installation professional shall also provide to the owner:
 - Irrigation system scheduling information;
 - A copy of the irrigation controller owner's manual;
 - Irrigation system maintenance schedule, which includes:
 - Instructions for seasonal adjustments of controller and sensors;
 - Instructions covering how and when to check for leaks;
 - A schedule for checking for proper irrigation distribution coverage.
 - Within 60 days after installation the irrigation controller shall be adjusted to be set in accordance with the applicable irrigation schedule set forth in this Code.
 - Upon completion of the irrigation system installation and the acceptance of the as-built diagram and operational information, a Final Inspection and Landscape/Irrigation Release shall be signed and sealed by the irrigation design professional and submitted to the County's Landscape Architect.
- Sec. 6.9.8. - Irrigation system operation and maintenance.**
- An irrigation installation professional who installs or performs work on an automatic landscape irrigation system must test for the correct operation of each inhibiting or interrupting device or switch on that system. If such devices or switches are not installed in the system or are not in proper operating condition, the contractor must install new ones or repair the existing ones and confirm that each device or switch is in proper operating condition before completing other work on the system (§373.62 FS Water conservation).
 - All irrigation systems should be operated and maintained in accordance with the Florida-Friendly Best Management Practices for Protection of Water Resources by the Green Industries or the Florida Yards and Neighborhood program.
 - To maintain the original performance and design integrity of the irrigation system, repair of the equipment shall minimally be done with the originally specified materials or their equivalents.
 - Irrigation systems, including automatic rain sensor shutoff device, shall be certified by an irrigation system installation professional to be operating properly and in good repair at such time as the property may be resold.
- Sec. 6.9.9. - Landscape irrigation schedule.**
- When Daylight Savings Time is in effect, landscape irrigation shall occur only in accordance with the following irrigation schedule:
 - Nonresidential landscape irrigation may occur only on Tuesday and Friday and shall not occur between 10:00 a.m. and 4:00 p.m.; and
 - No more than 0.75 inches of water may be applied per irrigation zone on each day that irrigation occurs, and in no event shall irrigation occur for more than one hour per irrigation zone on each day that irrigation occurs.
 - When Eastern Standard Time is in effect, landscape irrigation shall occur only in accordance with the following irrigation schedule:
 - Nonresidential landscape irrigation may occur only on Tuesday and shall not occur between 10:00 a.m. and 4:00 p.m.; and
 - No more than 0.75 inches of water may be applied per irrigation zone on each day that irrigation occurs, and in no event shall irrigation occur for more than one hour per irrigation zone on each day that irrigation occurs.
 - Exceptions to landscape irrigation schedules listed in Section 6.9.9A, above include:
 - Irrigation using a micro-spray, micro-jet, drip or bubbler irrigation system is allowed anytime.
 - Irrigation of new landscape is allowed at any time of day on any day for the initial 30 days and every other day for the next 30 days for a total of one 60-day period, provided that the irrigation is limited to the minimum amount necessary for such landscape establishment.
 - Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides when required by law, the manufacturer, or best management practices is allowed anytime within 24 hours of application. Watering in of chemicals shall not exceed 1/4 inch of water per application except as otherwise required by law, the manufacturer, or best management practices.
 - Irrigation systems may be operated anytime for maintenance and repair purposes not to exceed 20 minutes per hour per zone.
 - Irrigation using a hand-held hose equipped with an automatic shut-off nozzle is allowed anytime. The use of a hose-end sprayer is not considered hand watering.
 - Discharge of water from a water-to-air air-conditioning unit or other water-dependent cooling system is not limited.
 - The use of water from a reclaimed water system is allowed anytime. For the purpose of this paragraph, a reclaimed water system includes systems in which the primary source is reclaimed water, which may or may not be supplemented from another source during peak demand periods.
 - The use of recycled water from wet detention treatment ponds for irrigation is allowed anytime provided the ponds are not augmented from any ground or off-site surface water, or public supply sources.
- Sec. 6.9.10. - Licensing and certification.**
- Irrigation Professionals.**
 - Irrigation Design Professionals shall be design professional as licensed by the State of Florida to provide such professional services.
 - Irrigation Installation and Maintenance Professionals shall include Plumbing Contractors and Irrigation Contractors licensed by Marion County or the State of Florida.
 - Irrigation Installation and Maintenance Professionals, as defined by this section, shall be exempt from the separate licensing requirements for Irrigation Design Professionals when designing irrigation systems, or portions of irrigation systems, as part of a "design/build" contract to install or maintain the same system, if that system complies with all applicable requirements of this ordinance and is permitted by Marion County.
 - Training.**
 - Unless otherwise subject by Florida Statutes to certain continuing education requirements, contractors licensed to perform work under this section shall annually complete a minimum of four professional development hours (PDH) in Florida-Friendly Landscaping and Irrigation practices from a continuing education organization designated by the Marion County Licensing Board.
 - Marion County shall confirm compliance with these PDH requirements at the time of license renewal, or by an approved audit procedure.

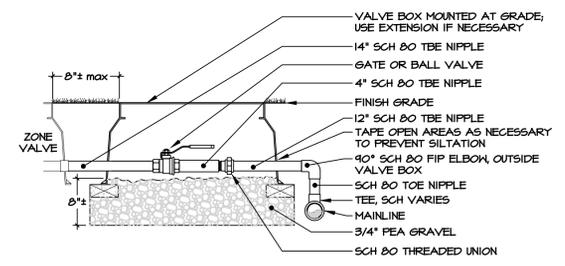


ZONE VALVE
SCALE: N.T.S.

NOTE:
The anticipated irrigation demand for this site shall be 2,348 gallons per week or 1,199 GPD, based on a 2-day watering schedule. This demand is based on an average of 1.5" of water per week for all irrigated areas, per UFI/FAS and Water Management District general recommendations.

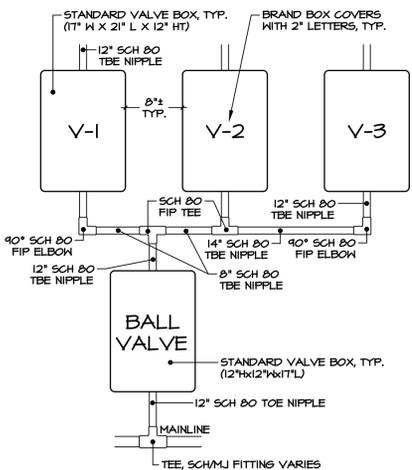


IRRIGATION SLEEVE INSTALLATION DETAIL
N.T.S.



VALVE INSTALLATION
SCALE: N.T.S.

NOTES:
VALVE GROUPINGS SHALL NOT HAVE MORE THAN 3 VALVE BOXES AND 1 BALL VALVE BOX. IF SPACE LIMITATIONS OCCUR, SEE LANDSCAPE ARCHITECT FOR ALTERNATIVE GROUPINGS.
PLASTIC TAGS SHALL BE AFFIXED TO EACH VALVE WITH THE ZONE NUMBER AND ZONE TYPE (TURF, SHRUB, ETC.) PREPRINTED OR LABELED WITH INDELIBLE INK.



VALVE BOX LAYOUT - PLAN VIEW
SCALE: N.T.S.

REVISIONS	DATE	BY

MPA Michael Pape & Associates, PA
LAND PLANNING • SITE DESIGN • LANDSCAPE ARCHITECTURE
2351 SE 17th Street • Ocala, FL • 352.351.3500 • www.mpa-la.com

ADVANCED AUTOZONE
MARION COUNTY, FLORIDA
IRRIGATION PLAN

DATE: 03-14-24
DWN BY: RAZ
CHKD BY: SMS

SHEET 4 OF 4

F:\ADVANCE AUTOBID\PLANS\ADVANCED AUTOZONE LANDSCAPE REV.DWG

WEST ROW TYPE C BUFFER - 240 LF

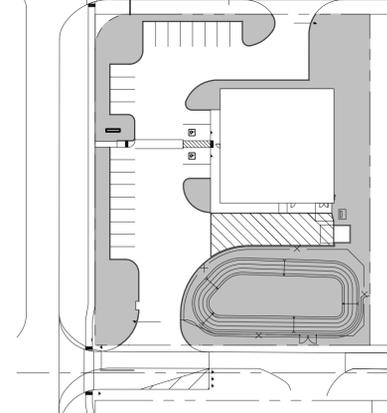
REQUIRED:

- 15' Width
- 2 Shade Trees and 3 Ornamental trees per 100 LF (5 Shade, 3 Ornamental Trees for 240 LF)
- Continuous Hedge
- 50% Shrubs/Groundcover

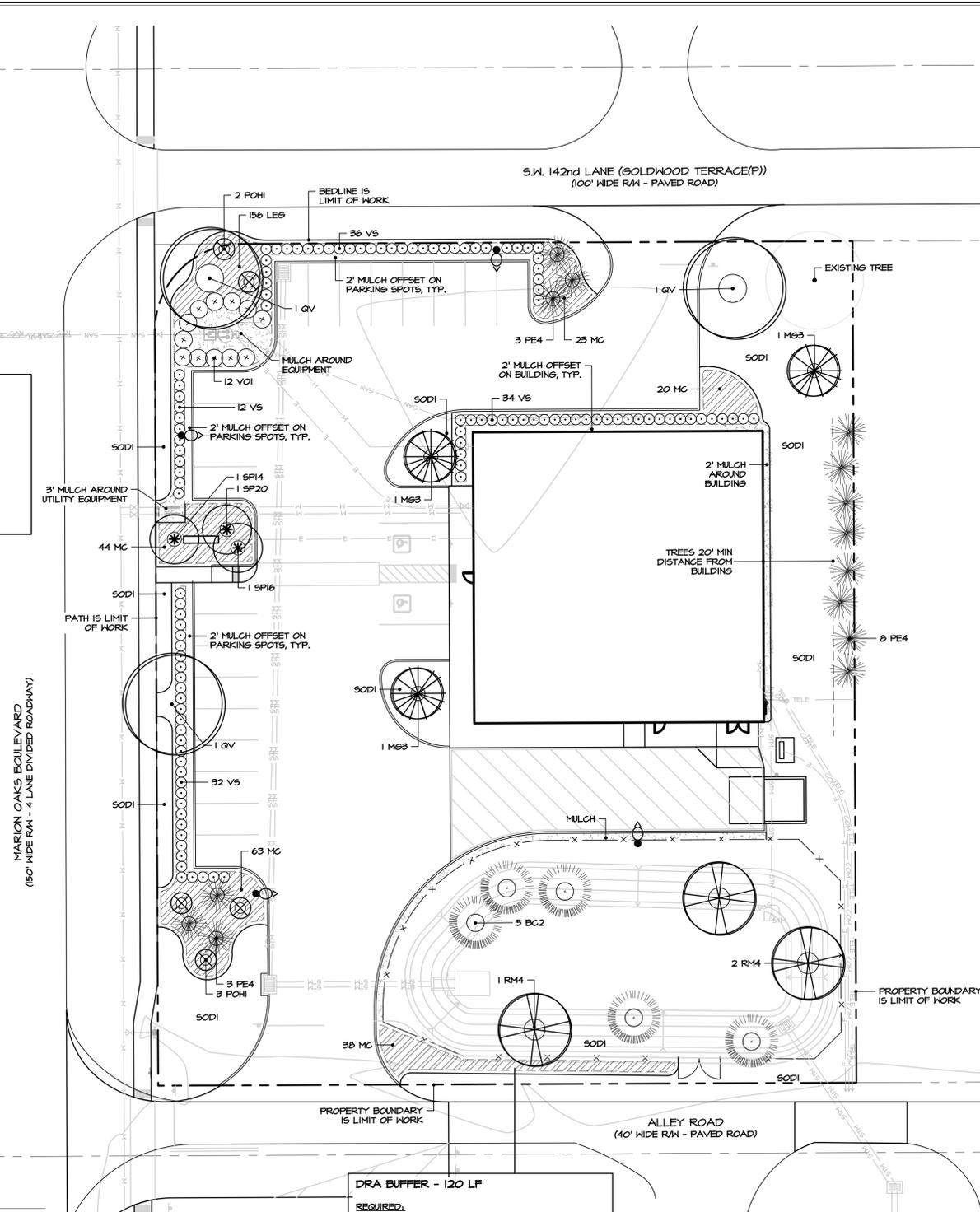
PROVIDED:

- 11' Width (waiver requested)
- 5 Shade Trees and 3 Ornamental Trees
- Continuous hedge
- 3,004 sf Shrubs/Groundcover

LANDSCAPE AREA, TYP
21,138 SF (44%)



**LANDSCAPE AREA DIAGRAM
NOT TO SCALE**



DRA BUFFER - 120 LF

REQUIRED:

- 4 Shade Trees and 200 sf per 100 LF (5 Shade, 240 sf Shrubs/Groundcover for 120 LF)

PROVIDED:

- 8 Shade Trees, 555 sf Shrubs/Groundcover



LANDSCAPE CALCULATIONS

LAND USE, COMMERCIAL
PROJECT AREA - REFER TO CIVIL PLANS: 1.10 AC± (47,868 SF)
LANDSCAPE AREA: 0.44 AC (21,138 SF) (44%) (SEE DIAGRAM SHEET L-1)
TREE REMOVAL/PRESERVATION
See sheet TE-1 for tree preservation and removal.
SHADE TREE REQUIREMENT
SHADE TREES REQUIRED: 1.10 AC (47,868 SF) / 3,000 SF = 16
EXISTING SHADE TREES TO REMAIN: 1
PROPOSED SHADE TREES: 28 (100% NATIVE)
TOTAL SHADE TREES PROVIDED: 24
OTHER CALCULATIONS
PROPOSED UNDERSTORY/ORNAMENTAL TREES: 3
SHRUBS, GRASSES AND GROUNDCOVER PROPOSED: 470
NATIVE = 188 (37%)
FL FRIENDLY = 470 (100%)
TOTAL NATIVE PERCENTAGE (ALL TREES AND PLANTS): 43%
BUILDING LANDSCAPING
REQUIRED: 60% OF PUBLIC FACADE (NORTH AND WEST SIDE) 91 LF
PROVIDED: 60% (91 LF)

LANDSCAPE BUFFER REQUIREMENTS
NORTH BOUNDARY - LOCAL ROW, NO BUFFER REQUIRED
EAST BOUNDARY - ADJACENT COMMERCIAL, NO BUFFER REQUIRED
SOUTH BOUNDARY - ALLEY ROW, NO BUFFER REQUIRED
WEST BOUNDARY - ROW, TYPE C BUFFER REQUIRED
SEE PLAN FOR BUFFER DETAILS

WAIVERS REQUESTED:
MODIFIED TYP C BUFFER ALONG MARION OAKS BLVD - SEE PLAN

MARION COUNTY LANDSCAPE REQUIREMENTS:

- Upon completion of the installation, the contractor shall request an inspection by the design professional. A Landscape and Irrigation As-Built Certification shall be signed and sealed by the design professional and submitted to the County Landscape Architect prior to the issuance of a Certificate of Occupancy per Section 6.8.12 of LDR.
- Landscape maintenance shall be in accordance with Section 6.8.13 of LDRs.
 - All landscape areas shall be maintained in accordance with the Florida-Friendly Best Management Practices for Protection of Water Resources by the Green Industries, UF/IFAS and FDEP.
 - Trees or palms shall not be severely pruned or shaped. The natural growth habit of a tree or palm shall be considered during the design phase to avoid maintenance conflicts.
 - Trees or palms which are girdled or braced shall have such girdling or bracing removed once sufficient root growth has enabled the tree or palm to support itself. Damaging trees with girdling devices shall be considered a violation of this Code. Damaged trees shall be replaced at the expense of the owner.
 - The alteration of any required and approved landscape area without obtaining prior written approval from the County is prohibited. The expansion of drought tolerant landscaping, excluding the replacement of planted areas with turfgrass, or replacing dying or diseased plants with similar plant material is excluded.
 - Buffers and screening plantings shall provide healthy appearance year round and be maintained at the required minimum heights.
- Landscape installation and maintenance shall be in accordance with Section 6.8.15 of the LDR.
 - Landscape installation professionals performing work for hire within the unincorporated areas of Marion County shall be landscape contractors licensed by the Marion County Building Department, unless otherwise licensed by the State of Florida.
 - Landscape maintenance professionals performing work for hire within the unincorporated areas of Marion County shall possess current GI-SMP Certificates of Completion.
 - Any person providing services for hire regarding any aspect of landscape maintenance that includes the application of fertilizer or pesticide shall meet the applicable state and County licensing and certification requirements included herein.
- An irrigation plan shall be provided prior to issuance of a development order or building permit. All irrigation systems, including temporary, shall comply with the design standards of the Marion County Land Development Code Division 4, Sec 6.4, and all other state and local statutes that apply. Irrigation design and plans by others.

PLANT SCHEDULE

Note: Plant quantities are provided as a guide only. The contractor shall confirm total quantities as reflected by the plan. All sizes given are minimums unless otherwise noted. Every component of spec shall be met.

Key	Qty	Plant Name	Size and Spacing	Maintenance
NATIVE BC2	5	Bald Cypress Taxodium distichum - (BC2)	Cont/B4B; 14' ht x 6' spr; 4' cal min	Allow natural growth; prune only dead wood
LE6	156	Emerald Goddess Liriope Liriope muscari 'Emerald Goddess' - (LE6)	#1; full; 5-7 ppp min; 18" oc	18" ht x full mass
NATIVE MC	108	Muhly Grass Muhlenbergia capillaris - (MC)	#3; full; 3' oc	Allow natural growth; remove weeds; cut back after last frost annually
NATIVE M63	3	Southern Magnolia Magnolia grandiflora - (M63)	#100; 14-16' ht x 5-6' spr; 4' cal min	Allow natural growth; prune only for form or dead wood
NATIVE PE4	14	Slash Pine Pinus elliottii - (PE4)	Cont/B4B; 14-16' ht x 8' spr; 4' cal min	Allow natural growth; prune dead wood
NATIVE POH1	5	Pride of Houston Yucca Holly Ilex vomitoria - (POH1)	#30; 6' ht x 42" spr; multi-trunk	Allow natural growth; do not shear; prune only for form or dead wood
NATIVE GV	3	Live Oak Quercus virginiana - (GV)	B4B; 14-16' ht x 7-4' spr; 4' cal min	Allow natural growth; prune only for form or dead wood
NATIVE RM4	3	Red Maple Acer rubrum - (RM4)	Cont/B4B; 14-16' ht x 8' spr; 4' cal min	Allow natural growth; prune only for form or dead wood
NATIVE SP14	1	Sabal Palm Sabal palmetto - (SP14)	B2; hurricane cut; 14' CT ht	Allow natural growth; prune only dead fronds to keep full round head
NATIVE SP16	1	Sabal Palm Sabal palmetto - (SP16)	B2; hurricane cut; 16' CT ht	Allow natural growth; prune only dead fronds to keep full round head
NATIVE SP20	1	Sabal Palm Sabal palmetto - (SP20)	B2; hurricane cut; 20' CT ht	Allow natural growth; prune only dead fronds to keep full round head
VOI	12	Sweet Viburnum Viburnum odoratissimum - (VOI)	#30; 4-5' ht x 3' spr; 4' oc	6' ht x 6'; full hedge
V5	114	Sandwichia Viburnum Viburnum suspensum - (V5)	#1; 3' ht x 3' spr; 3' oc	3' ht x 3'; full hedge
MULCH		Pine Straw - (MULCH)	3" depth	Refresh annually, or as needed
SODI		Argentine Bahia Paspalum notatum 'Argentine' - (SODI)	Pallet	

IT SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO PROVIDE TEMPORARY IRRIGATION TO UNIRRIGATED BAHIA INSTALLED AS PART OF THIS CONTRACT, UNTIL ESTABLISHMENT OR TURNOVER, WHICHEVER OCCURS EARLIER.

NO.	DATE	BY	REVISIONS

MPA Michael Pape & Associates, PA
LAND PLANNING • SITE DESIGN • LANDSCAPE ARCHITECTURE
2351 SE 17th Street • Ocala, FL • 352.351.3500 • www.mpa-la.com

**ADVANCED AUTOZONE
MARION COUNTY, FLORIDA
LANDSCAPE PLAN**

DATE 03-14-24
DWN BY RAZ
CHKD BY SMS

SHEET 2 OF 4



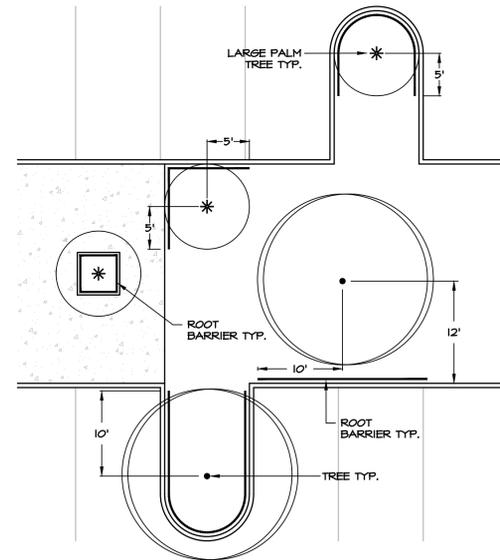
NOTES:

TREE SPECIES WITH LARGE SURFACE ROOT SYSTEMS SHALL BE PROVIDED WITH ROOT CONTROL BARRIER BASED ON THE FOLLOWING STANDARDS: TREES WITHIN 12' OF THE EDGE OF PAVEMENT OR LARGE PALMS WITHIN 5' OF THE EDGE OF PAVEMENT.

TREES INCLUDE, BUT ARE NOT LIMITED TO: LIVE OAK, MAGNOLIA, SYCAMORE, RED MAPLE

LARGE PALMS INCLUDE, BUT ARE NOT LIMITED TO: SABAL PALM, LARGE DATE PALM SPECIES, PINO PALM, WASHINGTON PALM

THE ROOT CONTROL BARRIERS SHALL UTILIZE 24" DEPTH ABS (HARD PLASTIC) INTERLOCKING PANELS, AS BY NDS PRODUCTS, DEEP ROOT, ROOT CONTROL, INC., OR OTHER APPROVED EQUAL PRODUCT. APPROVAL FOR PROPOSED EQUAL PRODUCTS SHALL BE SECURED FROM MPA PRIOR TO BIDDING.

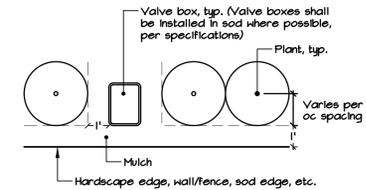


ROOT CONTROL BARRIER DETAIL
1" = 10"

LANDSCAPE NOTES (REFER TO THE DETAILED SPECIFICATIONS)

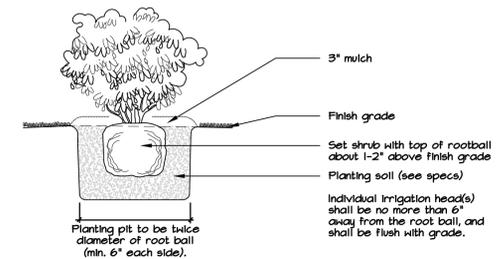
1. The Landscape Contract shall generally include the following work:
 - A. Finish grading 4"± in all areas of the work.
 - B. Thorough removal of existing vegetation in all areas of the work, including application(s) of post-emergent herbicide at least two weeks prior to planting, and use of pre-emergent herbicide during planting.
 - C. Supplying of plant material of the specified type, size, and quality.
 - D. Proper location, layout, and orientation of trees and planting beds.
 - E. Proper amendment of the soil used for planting, preparation of bed areas, sizing of planting pits, and correct planting procedures.
 - F. Installation of sod within the limits shown on the plan, in a neat, finished manner meeting specified requirements.
 - G. Watering and maintaining all plantings per the specified requirements until final completion and acceptance.
 - H. Observing and following any special requirements beyond the specifications as noted on the plans.
2. The Landscape Contractor shall be responsible for:
 - A. Observing and reporting any detrimental soil, drainage, or other any conditions which would affect the health and performance of the landscaping.
 - B. Following all applicable codes and regulations concerning the work, whether or not they are stipulated in the bid documents.
 - C. Providing competent supervision of the work at all times.
 - D. Reporting and repairing any damage caused by his work or actions.
 - E. Maintaining the jobsite in a clean, professional, and workmanlike manner.
 - F. Coordination of or with irrigation installation in order to achieve proper coverage, including adjustments of plant locations if required.
 - G. Coordination with all other aspects of the job affecting the finished character of the landscaping - particularly the drainage system- to achieve proper results, including adjustments to plant locations if required.
 - H. Prosecuting the work in a continuous and diligent manner until it is complete according to the Plans and Specifications.
 - I. Following all administrative and technical requirements of the bid documents.
3. Michael Pape & Associates, P.A. is responsible for ensuring that the work meets all requirements stipulated and implied in the Plans and Specifications. Any work that does not is subject to rejection, and replacement by the contractor at his own cost.

REFER TO SEPARATE SET OF SPECIFICATIONS THAT MUST ACCOMPANY THIS PLAN.

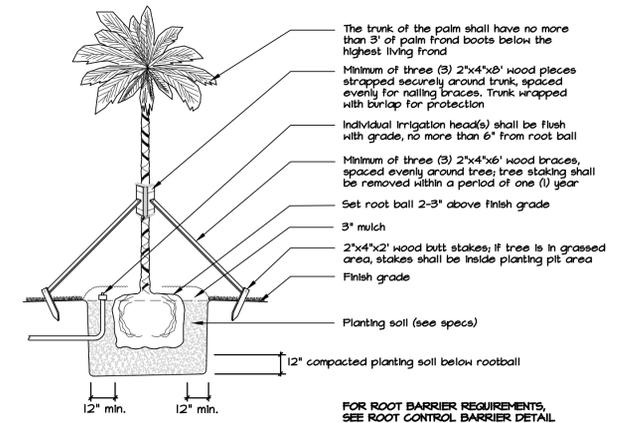


As shown on plan, all shrubs and groundcovers adjacent to curb/pavement, rec. trail, wall/fence, building foundation, valve box/utility vault, sod, etc., shall be installed with the plant center spaced an additional 1" from the edge, unless otherwise noted.

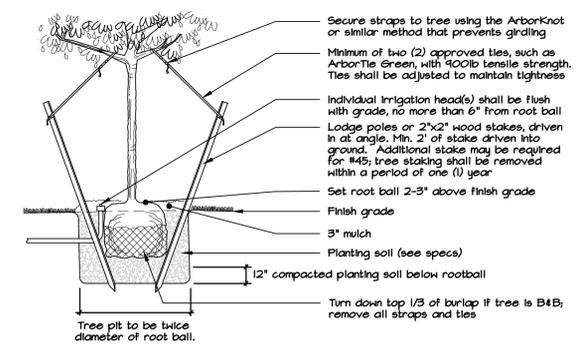
OFFSET DETAIL
N.T.S.



SHRUB INSTALLATION DETAIL



PALM INSTALLATION DETAIL



TREE INSTALLATION DETAIL
FOR MULTI-TRUNK TREES, TREES LESS THAN 3" GAL., OR CONTAINER TREES UP TO 45 GAL.

REVISIONS

DATE BY

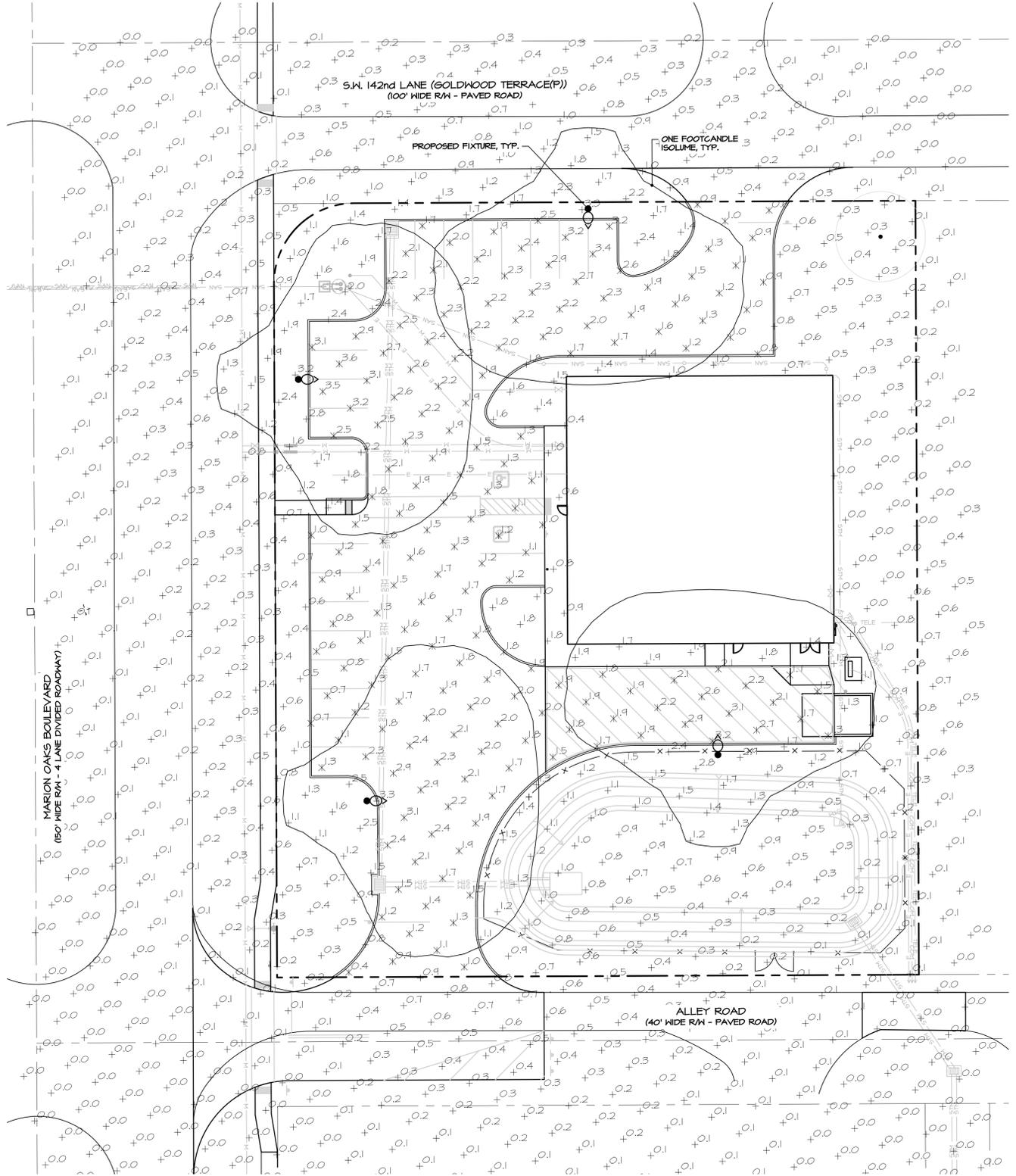
MPA Michael Pape & Associates, PA
LAND PLANNING • SITE DESIGN • LANDSCAPE ARCHITECTURE
2351 SE 17th Street • Ocala, FL • 352.351.3500 • www.mpa-la.com

ADVANCED AUTOZONE
MARION COUNTY, FLORIDA
LANDSCAPE PLAN

DATE 03-14-24
DWN BY RAZ
CHKD BY SMS

SHEET 3 OF 4

L-2



LIGHTING LEGEND

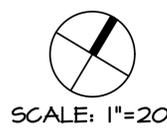
SHOEBOX LIGHT: AEL SINGLE AUTOBANN SERIES ATB2 LED, ATB2 P603 MYGLT R4 9K BK HK NL XL P7, 3000K, T4 DISTRIBUTION, 24" MOUNTING HT, ROUND, BLACK, TAPERED, MEDIUM DUTY, STRESSCRETE POLE.

LIGHTS HAVE BEEN CAREFULLY LOCATED TO ACHIEVE REQUIRED LIGHT LEVELS, DESIRED DESIGN EFFECT, AND TO AVOID EXISTING AND PROPOSED UTILITIES. IF ANY CHANGES ARE REQUIRED, CONTACT MPA FOR DIRECTION/COORDINATION.

LIGHTS ARE AVAILABLE FOR LEASE THROUGH SECO, OR PRIVATE OWNERSHIP. ROTATE OPTICS AS SHOWN ON LIGHT SYMBOL.

- Notes:
1. This light location plan meets the recommendations for safe lighting levels established by the Illuminating Engineering Society of North America in the general areas where lights have been provided to the greatest extent possible. Architectural lighting will be required for areas around the building to maintain adequate lighting for safety and security, and such lighting is not addressed or shown on this plan.
 2. Any changes or substitutions made to this plan shall be evaluated to ensure adequate light levels are provided.
 3. Changes to the plan or specifications may cause light levels to drop below acceptable levels.
 4. Fixtures and Arms shall be oriented as shown on plan.
 5. Lighting shall be installed in accordance with the lighting plan by a licensed electrical contractor. The contractor is responsible to design and install the electrical connections necessary to supply power to the proposed lights. All connections shall be underground and in conduit. Lighting shall be bid as lump sum and includes all work necessary to complete the project.

Site Average: 1.8 fc
 Min: 0.4 fc (paved surfaces)
 Max: 3.6 fc (paved surfaces)



F:\ADVANCE AUTOB\PLANS\ADVANCED AUTOZONE LIGHTING.DWG

REVISIONS	DATE	BY

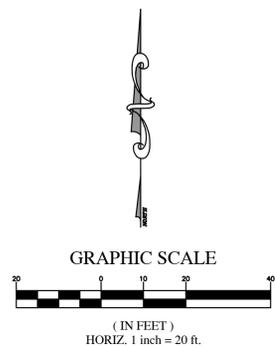
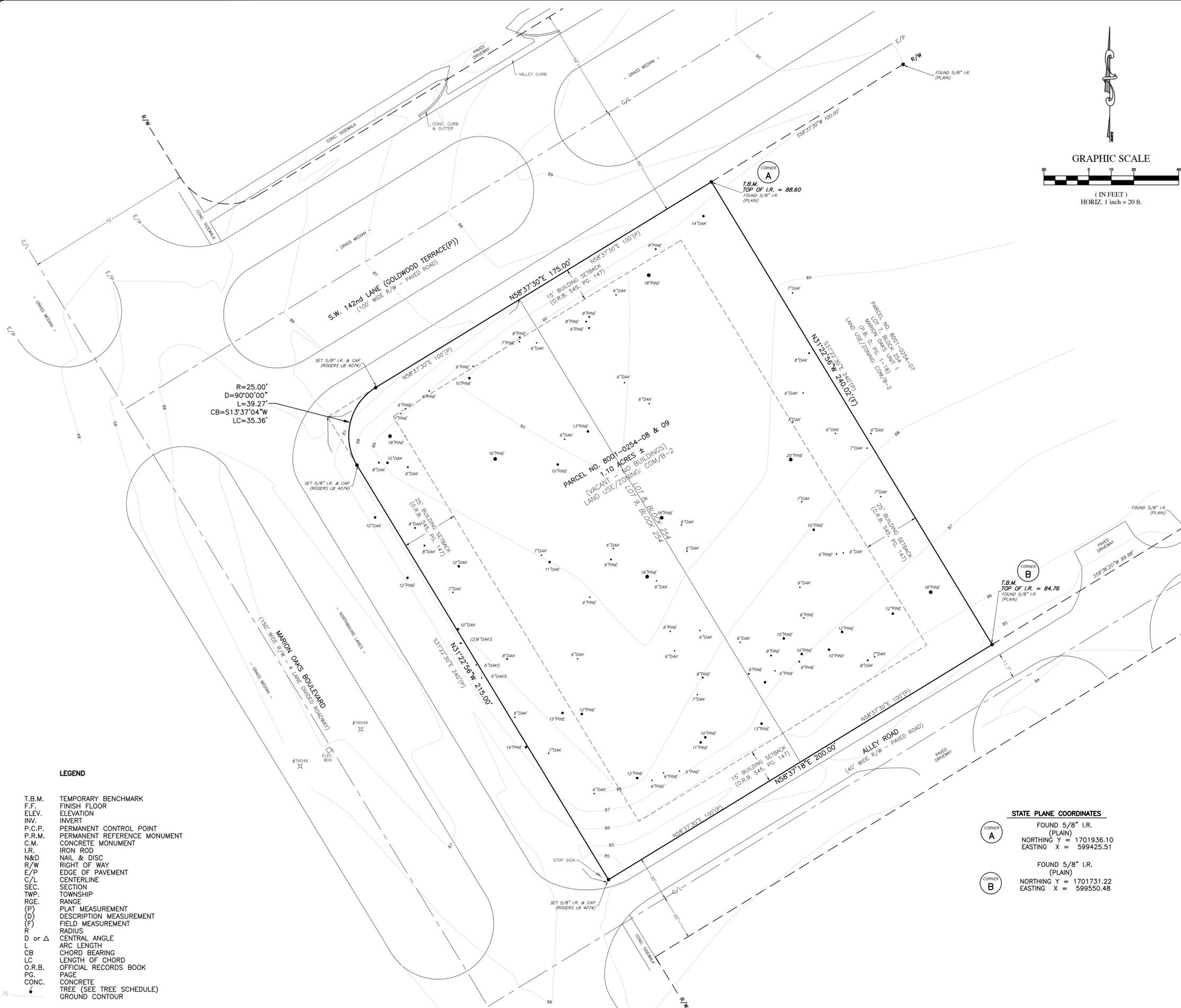
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ADVANCED AUTOZONE
 MARION COUNTY, FLORIDA
 PHOTOMETRIC PLAN

DATE: 03-14-24
 DWN BY: RAZ
 CHKD BY: SMS

SHEET 1 OF 1

LTG-1



LEGAL DESCRIPTION:
 LOT 8 AND 9, BLOCK 254, MARION OAKS UNIT 1, ACCORDING TO THE MAP OR PLAT THEREOF, AS RECORDED IN PLAT BOOK O, PAGE(S) 1 THROUGH 18, INCLUSIVE, OF THE PUBLIC RECORDS OF MARION COUNTY, FLORIDA.

SURVEY REPORT:

1. FIELD MEASURED BEARINGS SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA WEST ZONE, NAD-83, AND DERIVED FROM THE L-NET NETWORK.
2. VERTICAL DATA IS BASED ON MARION COUNTY VERTICAL CONTROL POINT "MO-4", PUBLISHED ELEVATION = 81.26, NAVD-88.
3. FIELD SURVEY DATE: 7-13-2023.
4. THE LEGAL DESCRIPTION AND TITLE INFORMATION REFLECTING RIGHT-OF-WAYS, OR EASEMENTS OF RECORD, WERE FURNISHED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, FILE NO.: 23-1252, COMMITMENT DATE: 3-16-2023.
5. ALL RIGHTS OF WAY SHOWN HEREON ARE PHYSICALLY OPEN UNLESS OTHERWISE STATED.
6. UNDERGROUND IMPROVEMENTS OR UTILITIES WERE NOT LOCATED.
7. THIS PROPERTY APPEARS TO BE IN A ZONE "X" (AREA OF MINIMAL FLOOD HAZARD) ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY NUMBER 120160, PANEL 0720, SUFFIX D, WITH AN EFFECTIVE DATE OF 8/28/2008.
8. THIS SURVEY MEETS THE STANDARDS OF PRACTICE CONTAINED IN CHAPTER 5J-17.050 THROUGH .052, FLORIDA ADMINISTRATIVE CODE AND THE ACCURACY OBTAINED BY MEASUREMENT AND CALCULATION OF A CLOSED GEOMETRIC FIGURE WAS FOUND TO EXCEED THE MINIMUM RELATIVE DISTANCE ACCURACY FOR COMMERCIAL/HIGH RISK LAND USE.
9. UNLESS IT BEARS THE DIGITAL SIGNATURE AND CERTIFICATION OR THE PHYSICAL SIGNATURE AND SEAL OF THE LICENSED SURVEYOR AND MAPPER, THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.

TITLE COMMITMENT INFORMATION TABLE				
FIDELITY NATIONAL TITLE INSURANCE COMPANY				
FILE No. 23-1252, EFFECTIVE DATE: 3-16-2023				
SCH. B-2 EXC. No.	RECORDED DATA	APPLICABLE	PLOTTABLE	REASON IF NOT PLOTTABLE
1-5	STANDARD EXCEPTIONS			
6	P.B. O, PG. 1-18	YES	YES	
7	O.R.B. 545, PG. 147	YES	YES	
	O.R.B. 549, PG. 554	YES	NO	NOT A SURVEY MATTER
	O.R.B. 1448, PG. 866	YES	NO	NOT A SURVEY MATTER
	O.R.B. 2208, PG. 1175	YES	NO	NOT A SURVEY MATTER
8	O.R.B. 545, PG. 203	YES	NO	NOT A SURVEY MATTER
9	O.R.B. 1557, PG. 1414	YES	NO	NOT A SURVEY MATTER
10-13	STANDARD EXCEPTIONS			

STATE PLANE COORDINATES

CORNER A
 FOUND 5/8" I.R. (PLAIN)
 NORTHING Y = 1701936.10
 EASTING X = 599425.51

CORNER B
 FOUND 5/8" I.R. (PLAIN)
 NORTHING Y = 1701731.22
 EASTING X = 599550.48

CERTIFIED TO:
 CAHABA CAPITAL GROUP, LLC, a Limited Liability Company
 BRICK CITY TITLE INSURANCE AGENCY, INC.
 FIDELITY NATIONAL TITLE INSURANCE COMPANY

SURVEYORS CERTIFICATION:
 I HEREBY CERTIFY THAT THE SURVEY REPRESENTED HEREON IS IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE MARION COUNTY L.D.C. AND MEETS THE STANDARDS OF PRACTICE PER CHAPTER 2014-147 SECTION 1. SECTION 472.027, FLORIDA STATUTES.

RODNEY K. ROGERS DATE
 PROFESSIONAL SURVEYOR & MAPPER
 REGISTRATION NO. 5274
 STATE OF FLORIDA

- LEGEND**
- T.B.M. TEMPORARY BENCHMARK
 - F.F. FINISH FLOOR
 - ELEV. ELEVATION
 - INV. INVERT
 - P.C.P. PERMANENT CONTROL POINT
 - P.R.M. PERMANENT REFERENCE MONUMENT
 - C.M. CONCRETE MONUMENT
 - I.R. IRON ROD
 - N&D NAIL & DISC
 - R/W RIGHT OF WAY
 - E/P EDGE OF PAVEMENT
 - C/L CENTERLINE
 - SEC. SECTION
 - TWP. TOWNSHIP
 - RGE. RANGE
 - (P) PLAT MEASUREMENT
 - (D) DESCRIPTION MEASUREMENT
 - (F) FIELD MEASUREMENT
 - R RADIUS
 - D or Δ CENTRAL ANGLE
 - L ARC LENGTH
 - CB CHORD BEARING
 - LC LENGTH OF CHORD
 - O.R.B. OFFICIAL RECORDS BOOK
 - PG. PAGE
 - CONC. CONCRETE
 - TREE (SEE TREE SCHEDULE)
 - GROUND CONTOUR

DATE	REVISION

Robert L. Rogers, PE
 rrogers@rogerseng.com
 Rodney K. Rogers, PSM
 rkrogers@rogerseng.com
 Mekelle M. Boyette, PSM
 kboyette@rogerseng.com

ROGERS ENGINEERING, LLC
Civil Engineering & Land Surveying

1105 S.E. 3rd Avenue • Ocala, Florida 34471 • Ph. (352) 622-9214 • Lic. Bus. #4074

A BOUNDARY & TOPOGRAPHIC SURVEY
 FOR
CAHABA CAPITAL GROUP, LLC

JOB No. 23_8001-0254-08 & 09
DATE 7-17-2023
SCALE 1" = 20'
SHEET 1 OF 1

