# City of Chipley
## Development Order

File No._____ Fees Paid $_____

Name of Owner: City of Chipley Phone #: 850.638.6350

Address: 1444 Jackson Avenue, Chipley, Florida

Name of Developer/Contractor: Washington County BOCC

Address: 1331 South Boulevard, Chipley, FL 32428 Phone #: 850.638.6200

Type of Development: Building Addition/Expansion Parcel Size: 11.2

Location of Development: 1444 Jackson Avenue, Chipley, Florida 32428

Land Use Designation: Public/Semi-Public/Educational Sq. Ft. of Building +5400

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Site Plan Required? Yes ✔ No Stormwater Permit Required? Yes No ✔

City Utilities Needed? Potable Water ✔ Waste Water ✔ Natural Gas Garbage ✔

Attachments to Order: 1._____ 2._____

3. _____ 4._____

Date of Planning & Zoning Commission Approval: _____

Date of City Council Approval: _____

Contingencies/Conditions of Approval: _____

_____

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The City Council hereby authorizes the development of land within the City of Chipley, Florida, as specified herein. Any development undertaken pursuant to this order shall be in strict conformance with the application for development approval and site plan(s) as approved by the City.

_____/_____ _____/_____

Signature – City Administrator Date Attest Date

**SEAL**

Owner/Developer/Contractor: Brent Melvin

*Authorized Agent for Washington County BOCC*

# SITE PLAN REVIEW REQUIREMENT CHECKLIST

Petition Number: _____ Fee Paid: _____

Date Received: _____ Receipt #: _____

Submit eight (8) copies of each of the following items to the City Clerk's Office.

Site plans submitted for Preliminary approval must have the following information:

| | | | |
|---|---|---|---|
| (Yes) | No | 1. | Legal description of subject parcel. *(Sheet C001)* |
| (Yes) | No | 2. | Site location map. *(Sheet C001)* |
| (Yes) | No | 3. | Topography map. *(Sheet C001)* |
| (Yes) | No | 4. | Generalized soil types and map, if available *(Geotech Report)* |
| (Yes) | No | 5. | Type & location of existing vegetation & tree grouping. *(C001)* |
| (Yes) | No | 6. | Location, names, widths of existing & proposed streets, driveways and dumpsters. *(Sheet C001 - No proposed streets, no dumpsters)* |
| (Yes) | No | 7. | Dimensions/location of all buildings/structures. *(Sheet C004)* |
| (Yes) | No | 8. | Gross floor area of all buildings. *(Sheet C004)* |
| Yes | (No) | 9. | Exact number of dwelling units by number of bedrooms. *(N/A)* |
| Yes | (No) | 10. | Total number of residential units by acre. *(N/A)* |
| (Yes) | No | 11. | Dimensions of all yard setbacks and open spaces. *(Sheet C004)* |
| Yes | (No) | 12. | Location of recreation areas, if any. *(N/A)* |
| (Yes) | No | 13. | Drainage concept. *(Sheet C005)* |
| (Yes) | No | 14. | Site percentage & square footage covered by building structures. *(Sheet C004)* |
| (Yes) | No | 15. | Site percentage & square footage covered by paving. *(Sheet C004)* |
| (Yes) | No | 16. | Site percentage & square footage covered by open space. *(Sheet C004)* |
| (Yes) | No | 17. | Sediment control measures. *(Sheet C003)* |
| (Yes) | No | 18. | Fire flow calculations. *(Sheet C006)* |
| (Yes) | No | 19. | Preliminary site plan submittals must contain the following stormwater management information: |
| (Yes) | No | | A. Graphic definition of the drainage areas with each area's:<br>1. approximate surface area indicated *(Sheet C005)*<br>2. approximate coefficient of imperviousness *(Sheet C005)*<br>3. approximate points of water collection *(Sheet C005)* |
| (Yes) | No | | B. Definition of the type of stormwater management system proposed, along with the location and approximate dimensions and/or size of the facilities. *(Sheet C005)* |
| (Yes) | No | | C. Approximate stormwater management design calculations. *(Sheet C005)* |

Site plans submitted for Final approval must have the following information:

| | | | |
|---|---|---|---|
| Yes | No | 20. | A grading & drainage plan; stormwater management analysis/design *(Sheet C005)* Calculations must be signed & sealed by a registered Florida engineer. |
| Yes | No | 21. | A landscape plan. *(Building expansion project, existing landscaping will be utilized)* |
| Yes | No | 22. | Exact location of all public easements. *(Sheet C001)* |
| Yes | No | 23. | Utility services & connection points; fire hydrant locations. *(Sheet C004 & C006)* |
| Yes | No | 24. | Architectural elevations of all buildings and structures. *(Refer to Arch Plans)* |
| Yes | No | 25. | Size, type and location of street graphics. *(N/A)* |
| Yes | No | 26. | Size, location and intensity of exterior lighting devices and a statement that lighting will meet City of Chipley codes. *(Refer to Arch Plans)* |
| Yes | No | 27. | If phasing is planned, a development timetable is required. *(N/A)* |
| Yes | No | 28. | A sedimentation plan. *(Sheet C003)* |

**NOTE:** THE CITY COUNCIL WILL NOT REVIEW A SITE PLAN THAT IS DEFICIENT IN ANY OF THE INFORMATION LISTED ABOVE.

In submitting this petition, I/We understand that all required information as listed above including eight (8) copies of each of the 28 required items must be submitted to the City Clerk's Office before review by the Chipley City Council. **(11x17" ONLY!)**

Brent Melvin

Owner/Agent/Petitioner's Signature

09/18/2025

Date

**FOR OFFICE USE ONLY**

Petition Number _____ Fee Paid _____

Section, Township, Range *5-4N-13W*

Receipt Number _____ Tax Parcel Number *00000000-00-2005-0000*

City Council Review Date _____

Approved by City Council _____ Denied by City Council _____

# City of Chipley

## Land Use Compliance Certificate

**Fee Amount $**_____

Verification provided for (Owner's Name): _____

Project Site Address: _____

Phone Number: City of Chipley

Contractor Name/Address 850.638.6350

Contractor Phone #: 1444 Jackson Avenue, Chipley, Florida Parcel I.D. Number: Washington County BOCC

**City of Chipley Future Land Use Designation**

| | | | |
|---|---|---|---|
| Low Density Residential | ○ | Neighborhood Commercial | ○ |
| Medium Density Residential | ○ | Historic Commercial | ○ |
| High Density Residential | ○ | Industrial | ○ |
| Historic | ○ | Recreational | ○ |
| Commercial | ○ | Public/Semi Public/Educational | ◉ |

**Flood Zone**: ◉ Yes ○ No Zone Type 1331 South Boulevard, Chipley, FL 32428

**Scope of work** (Please provide details of all work): 850.638.6200

Building Addition/Expansion

11.2

1444 Jackson Avenue, Chipley, Florida 32428

Public/Semi-Public/Educational

+5400

A site inspection has been performed on the above development site within the City of Chipley, Florida. It is hereby verified that all site development standards meet the City's land use, zoning and comprehensive planning requirements.

Brent Melvin

Applicant _____ Date _____

City Official Verifying Compliance _____ Date _____

**Notice to Applicant:** This certificate must be presented to the Washington County Building Official and is requisite to issuance of a "Certificate of Occupancy" for your construction project.

# APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

Name: City of Chipley

Address: 1442 Jackson Avenue, Chipley, Florida 32428 Phone #: 850.638.6350

Address of property to be improved: 1444 Jackson Avenue, Chipley, Florida 32428

List of improvements including materials to be used, paint colors, and other details which will alter the current appearance of the structure or property.

The proposed expansion of the existing Library facility will match the existing exterior architecture and color scheme. The existing drop-off loop will be removed and some additional parking will be installed instead. The existing sidewalks around the building will also be reconstructed.

**Note: Include a site plan showing location of proposed construction if the improvement is not on the existing structure.**

I (name of applicant) Brent E. Melvin, P.E. On behalf of Washington County BOCC certify that the information submitted truly reflects all improvements which will be made on the property. Should any changes be desired, I will notify the City of Chipley. I acknowledge that penalties can be the result of varying from the plans or description submitted and approved.

Signed: Brent Melvin Date: 9/18/2025

**********

**Action:** Approved _____ Not Approved _____

Comments: _____

_____

_____

_____

Signature/Title/Authority

# CITY OF CHIPLEY
# APPLICATION FOR CONCURRENCY REVIEW

Applicant: Washington County BOCC Date: _____

Address: 1331 South Boulevard, Chipley, FL 32428 Phone: 850.638.6200

Project Name: Washington County Library Expansion Address: 1444 Jackson Avenue, Chipley, Florida 32428

Contact Person: Brent E. Melvin, P.E. - Project Manager Phone: 850.718.4204

(Use additional sheets if necessary)

1. Provide estimated water usage in gallons per person per day plus total usage per day, month, and annually.

2. Provide estimated sanitary sewer usage in gallons per person per day plus total usage per day, month, and year.

3. Provide estimated solid waste generation in pounds. Provide list of types of waste generated by establishment.

4. Provide storm water management plan.
   a. Include all permits from applicable state and federal agencies.

5. Provide estimated traffic volume at peak hours.
   a. Include a written statement indicating the nature and extent of proposed development.

*****NOTE: Certain types of development are exempt from some portions of the concurrency review; however, some may have greater requirements than those requested above. Call the planning department at city hall if you have any questions concerning your requirements.**

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**Approved by:** _____ **Date:** _____
**(City Official)**

**Certificate of Concurrency" valid for only one year following submission of information.**

DHM Melvin Engineering

**TRAFFIC IMPACT ANALYSIS**

**To:** File / City of Chipley
**From:** Brent E. Melvin, P.E., DHM, Inc.
**Date:** 09/05/2025
**Subject:** Water, Sewer, Waste Usage – Chipley Public Library Expansion

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**Project Overview**

The project expands the existing 7,200 SF public library to 12,700 SF (net +5,500 SF). This memo summarizes anticipated water demand, wastewater generation, and solid waste needs at a planning level for development review. (A separate Traffic Impact Analysis has been prepared.)

**Potable Water Service**

Building sanitary fixtures include nine (9) toilets/water closets. Average-day demand (ADD) = 200 gallons per day (gpd), using a planning allowance consistent with F.A.C. 64E-6 (retail-type baseline), applied here for a conservative library demand.

Design Conditions:

Average-Day Demand (ADD) = 9 WCs × 200 gpd/WC = 1,800 gpd
Flows concentrated during 10 hours/day of operation.
Planning peaking: Peak Day (PD) = 2.5 × ADD; Design Peak Hour (PH) ≈ 3.0 × open-hour average rate to cover intermittent surges.

Results

ADD: 1,800 gpd
- ≈ 1.25 gpm (spread over 24 hr)
- Open-hour average: 3.00 gpm (1,800 gpd ÷ 600 min)

PD (2.5×): 4,500 gpd
- ≈ 3.13 gpm (24 hr basis)
- Open-hour average: 7.50 gpm

Design PH (water): ≈ 9 gpm (≈ 3 × 3.0 gpm)

Conclusion: At these flows, no off-site potable water capacity upgrades are anticipated.

**Wastewater (Sanitary Sewer)**

Nine (9) toilets/water closets serve the building. A service kitchen is located within the building with associated sinks, but meals will be prepared offsite and utilize one-time use utilities. No commercial kitchen or food service is proposed.

Design Conditions:

ADF (sewer) mirrors water ADD: 1,800 gpd.
PDF (sewer) mirrors water PD: ≈ 4,500 gpd.
Flows occur primarily within 10 operating hours/day.

Results

ADF: 1,800 gpd
- ≈ 1.25 gpm (24 hr)
- Open-hour average: 3.00 gpm

PDF: ≈ 4,500 gpd
- ≈ 3.13 gpm (24 hr)
- Open-hour average: 7.50 gpm

- Design PH (sewer): ≈ 9 gpm (aligned with water PH planning)

Conclusion: At these flows, no off-site sewer capacity upgrades are anticipated.

**Solid Waste**

*Existing Service*
The library currently uses one (1) 95-gallon roll cart for municipal solid waste.

*Projected Needs*
Day-to-day operations with the expanded building are not expected to change the current service.
For larger events or special programs, generation may temporarily exceed a single cart.

Conclusion: Maintain the current single 95-gallon roll cart as the base level of service.: Arrange for a second 95-gallon cart (or temporary extra pickup) as needed during event weeks or require all event to dispose of trash at approved facility off-site.

**Conclusions**

*Potable Water*: Using 200 gpd per WC with 9 WCs yields ADD = 1,800 gpd. With 10-hour operations, the open-hour average ≈ 3 gpm, PD open-hour average ≈ 7.5 gpm, and design peak hour ≈ 9 gpm. Existing service appears adequate, pending fixture-unit confirmation and standard backflow provisions.

*Wastewater (Sanitary Sewer)*: ADF = 1,800 gpd, PDF ≈ 4,500 gpd, design PH ≈ 9 gpm. No off-site improvements are anticipated; verify downstream capacity with the utility.

*Solid Waste*: Keep the 95-gallon service; plan for a second cart/extra pickup for events as needed.

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**Brent E. Melvin, P.E.**
Project Engineer
DHM, Inc

DHM Melvin Engineering

# STORMWATER IMPACT ANALYSIS

**To:** File / City of Chipley
**From:** Brent E. Melvin, P.E., DHM, Inc.
**Date:** 09/05/2025
**Subject:** Chipley Library Expansion - Stormwater Impact Analysis and Permitting

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## PROJECT OVERVIEW

The project expands the public library from 7,200 SF to 12,700 SF (+5,500 SF). Stormwater runoff will continue to route to the existing on-site detention pond and discharge through the existing outlet structure; no outlet modifications are proposed. A hydrologic analysis of the 25-year, 24-hour design storm has been performed in accordance with City of Chipley requirements. In addition, the net new impervious area is 2,196 SF (with vehicular impervious decreasing by 3,085 SF), which is below FDEP's de minimis thresholds (<9,000 SF total and <4,000 SF vehicular), so the expansion qualifies for an FDEP impervious-area exemption.

## EXISTING CONDITIONS & PRIOR PERMITTING

Stormwater from the site is conveyed to an existing on-site detention pond and released to the downstream system through the existing control structure. The property was originally authorized under an FDEP Stormwater General Permit Type B for the Washington County Library issued November 6, 2001 (formerly under Chapter 62-25, F.A.C.). In subsequent correspondence, FDEP (Savannah Cowen, Northwest District) confirmed the site remains under FDEP jurisdiction based on that original permit and indicated the expansion may be evaluated using FDEP's de minimis exemption screening for previously permitted sites.

## PROPOSED CONDITIONS

The proposed condition adds building area while removing portions of pavement and sidewalk, resulting in a net new impervious area of 2,196 SF (below FDEP's 9,000 SF de minimis threshold) with an overall decrease in vehicular impervious (no net new vehicular; below 4,000 SF). All new building roof area and all vehicular paved areas will be collected and routed to the existing on-site detention pond for storage and controlled release through the existing outlet. A portion of the sidewalk west of the building will continue to sheet-flow over grassed areas, consistent with the original condition. No changes to the outlet structure or the existing stormwater facility are proposed.

**Summary of Impervious Change from Existing to Proposed Condition**

| Surface Type | Change (SF) |
|---|---|
| Building | +5,400 |
| Vehicular | −3,085 |
| Sidewalk | −119 |
| Net Total | +2,196 |

## DESIGN CRITERIA & MODELING INPUTS

*Input Parameters*
Design storm: 25-year, 24-hour
Rainfall depth (Atlas 14): 8.7 inches
Hydrology method: NRCS Curve Number (AMC II) with NRCS Synthetic Unit Hydrograph (UH = 484)

Drainage area: 2.17 acres
Time of concentration (Tc): 10 minutes (Pre and Post)
Curve Numbers: CNpre = 73.6; CNpost = 74.4

*Modeling Results*

**Summary of 25YR-24HR**
**Pre- and Post-Discharge Rates**

| Condition | Peak Discharge, Q (cfs) |
|---|---|
| Pre-Development | 1.5 |
| Post-Development | 1.5 |

The hydrologic model for the 25-year, 24-hour event shows the post-development peak discharge equals the pre-development peak discharge (Qpost = Qpre), confirming no increase in release rate from the site. The existing detention pond provides adequate storage and the existing outlet structure continues to control discharge; calculated water-surface elevations remain below the top of bank, maintaining required freeboard. Because no changes to the outlet or downstream tie-in are proposed and the peak rate is unchanged, no downstream impacts are anticipated.

## FLOODPLAIN

FEMA mapping indicates the site lies partially within Zone X and Zone A on FIRM Panel 12133C0070D (effective July 4, 2011). Fill is proposed within Zone A to support the expansion; compensatory storage will be provided onsite. The proposed cut/fill volumes are summarized below and provide at least a 1:1 compensation, with a net increase in floodplain storage.

Summary of Floodplain Compensation

| Description | Volume (CF) |
|---|---|
| Proposed Fill | 2,972 |
| Proposed Excavation | 3,071 |
| Net Volume in Floodplain | +99 |

Excavation exceeds fill by 99 cubic feet, yielding net positive compensatory storage within Zone A and maintaining the existing floodplain storage on site. It is also noted that the City of Chipley is anticipated to begin construction on a drainage project downstream at Griffin Road to increase conveyance capacity from this area and subsequently reduce the anticipated 100-year flood elevation.

## REGULATORY INFORMATION

*FDEP — De Minimis Exemption (Previously Permitted Site)*

- Total net new impervious: 2,196 SF (< 9,000 SF).
- Net new vehicular impervious: 0 SF (vehicular decreases by 3,085 SF; < 4,000 SF threshold).
- Modeling demonstrates no adverse flooding and no increase in peak discharge.
- Finding: The project meets FDEP's de minimis exemption criteria and remains under FDEP review based on the original permit.

*City of Chipley — Section 14-188(6) Exemption*

- Section 14-188(6) allows exemption when a project does not increase peak discharge rate or runoff volume and does not deposit additional pollutant materials beyond the site.
- Finding: With Qpost = Qpre = 1.5 cfs, existing routing, and no outlet changes, the project meets the City's exemption criteria under Sec. 14-188(6).

**CONCLUSIONS**

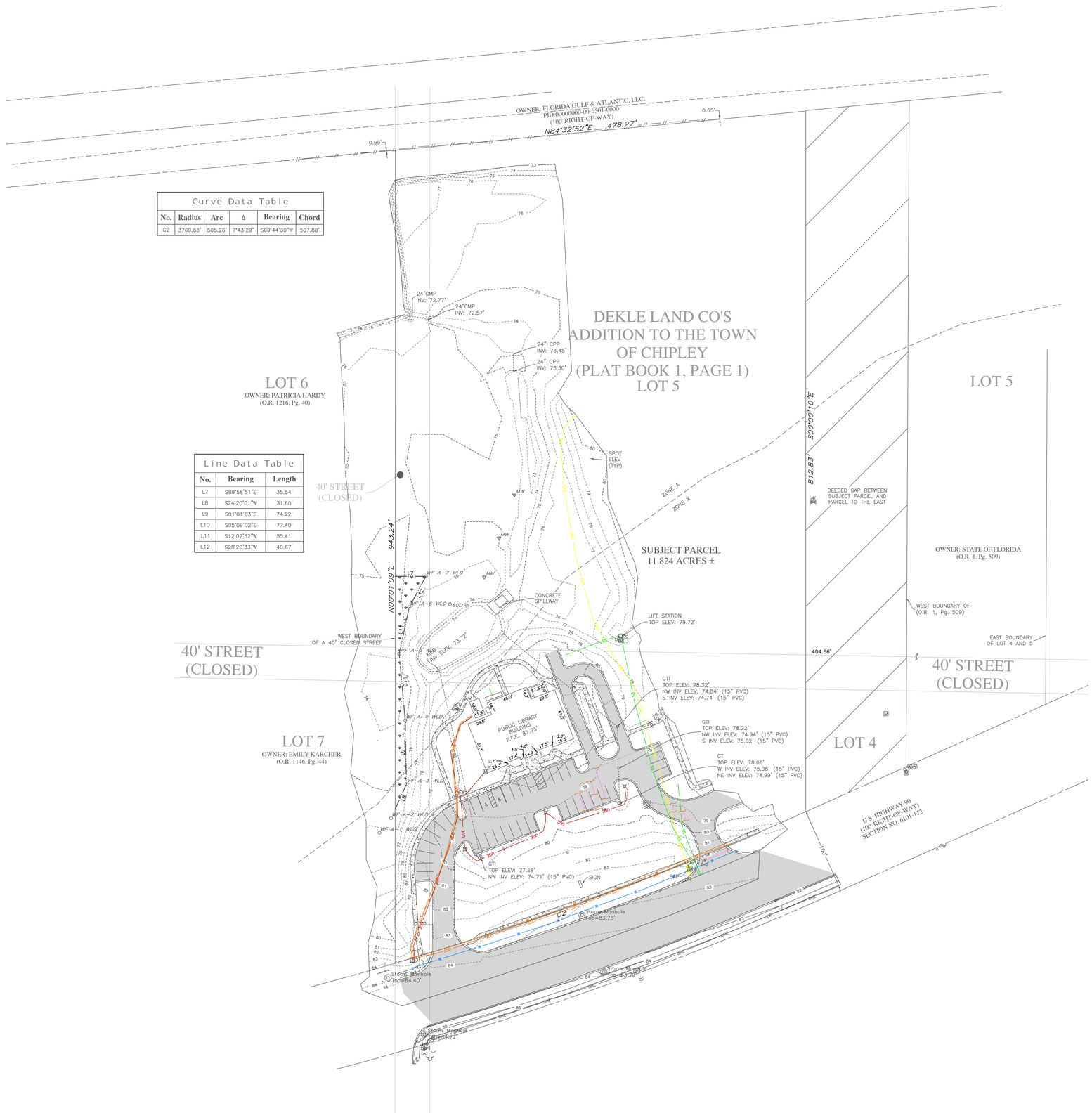
The proposed library expansion will not increase site runoff. Stormwater will continue to follow existing patterns: all new roof and vehicular pavement will be routed to the on-site detention pond and released through the existing outlet, while a portion of the western sidewalks will continue to sheet-flow over grass as before. On this basis, the project qualifies for FDEP's de minimis exemption and meets the City of Chipley Section 14-188(6) exemption criteria (no increase in peak discharge or runoff volume, and no additional pollutant loading beyond the site). No off-site stormwater improvements are required.

Attachments
A. Permit Plan Set (Including Existing and Proposed Grading & Drainage Conditions)
B. ICPR Modeling Inputs/Outputs (Pre and Post)
C. Prior FDEP Permit (11/06/2001) and FDEP Correspondence (Savannah Cowen, NWD)

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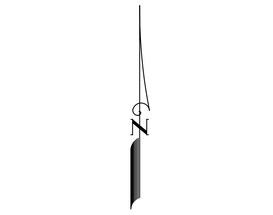
**Brent E. Melvin, P.E.**
Project Engineer
DHM, Inc

# Attachment A
Existing Conditions




| Curve Data Table | | | | | |
|---|---|---|---|---|---|
| No. | Radius | Arc | Δ | Bearing | Chord |
| C2 | 3769.83' | 508.26' | 7°43'29" | S69°44'30"W | 507.88' |

| Line Data Table | | |
|---|---|---|
| No. | Bearing | Length |
| L7 | S89°58'51"E | 35.54' |
| L8 | S24°20'01"W | 31.60' |
| L9 | S01°01'03"E | 74.22' |
| L10 | S05°09'02"E | 77.40' |
| L11 | S12°02'52"W | 55.41' |
| L12 | S28°20'33"W | 40.67' |




LEGEND

| | | | |
|---|---|---|---|
| CMP | Corrugated Metal Pipe | INV | Invert |
| ELEV | Elevation | LB | Licensed Business |
| FCM | Found Concrete Monument | LS | Licensed Surveyor |
| FIP | Found Iron Pipe | MES | Mitered End Section |
| FIR | Found Iron Rod | ORB | Official Records Book |
| FMCD | Found Mag Nail & Disk | PB | Plat Book |
| GTI | Grate Top Inlet | Pg(s) | Page(s) |
| | Storm Drainage Manhole | PSM | Professional Surveyor and Mapper |
| | Electric Junction Box | PVC | Polyvinyl Chloride Pipe |
| | Electric Switch Box | SIR | Set 1/2" Iron Rod LB7768 |
| FHH | Fiber Optic Handhole | | Wood Fence |
| | Guy Anchor | | Wetland Line |
| MW | Monitoring Well | | Electric Power Pole |
| | | | Sign |
| | | W | Wetland Flag |
| | | | Water Gate Valve |

**DESCRIPTION (PER ORB 395 PG 246)**

ALL THAT PART OF LOTS 4 AND 5, LYING NORTH OF STATE ROAD 10 (U.S. HIGHWAY #90) LESS THE EAST 404.66 FEET, ACCORDING TO DEKLE LAND COMPANY'S ADDITION TO THE TOWN OF CHIPLEY, FLORIDA OF THE SE 1/4 OF SECTION 5, TOWNSHIP 4 NORTH, RANGE 13 WEST.

**SURVEYOR'S NOTES:**

1. Current title information on the subject property had not been furnished to GeoPoint Surveying, Inc. at the time of this survey, and is subject to title review and/or abstract. GeoPoint Surveying, Inc. makes no representations or guarantees pertaining to easements, rights-of-way, set back lines, reservations, agreements, and other similar matters.
2. This survey is limited to above ground visible improvements along and near the boundary lines, except as shown hereon, and that nothing below the ground was located including, but not limited to foundations (footings), utilities, etc.
3. Bearings shown hereon are based on the South Boundary of Section 5, Township 4 North , Range 14 West, Washington County, Florida, having a Grid bearing of S88°35'20"E. The Grid Bearings as shown hereon refer to the State Plane Coordinate System, North American Horizontal Datum of 1983 (NAD 83-2011 Adjustment) for the North Zone of Florida.
4. All dimensions, unless otherwise noted, are survey dimensions.
5. The subject parcel lies in Flood Zone "A" and "X", according to Flood Insurance Rate Map, Map No. 12133C0070D for City of Chipley, Community No. 120325, Washington County, Florida, dated July 4, 2011 and issued by the Federal Emergency Management Agency. Lines shown, if any, have been digitally translated from DFIRM database information supplied by the FEMA Map Service Center (https://msc.fema.gov).
6. Elevations shown hereon are based on the NGS Benchmark "Chipley RM1", having a published elevation of 109.88 feet, relative to the North American Vertical Datum of 1988 (NAVD 88).
7. Use of this survey for purposes other than intended, without written authorization, will be at the user's sole risk and without liability to the surveyor. Nothing hereon shall be construed to give any rights or benefits to anyone other than those certified to.
8. The wetland flags, as shown hereon, were not set by GeoPoint but were field located on March 5, 2025.
9. Although no dedication was found for the streets on the plat of Dekle Land Co's Addition to the town of Chipley, it appears that by occupation the City has maintained rights to the platted streets and are using the West Boundary of said closed street as it's own property boundary.

*SURVEY INFORMATION SHOWN ON THESE PLANS HAS BEEN PROVIDED BY GEOPOINT SURVEYING, INC. UNDER THE DIRECTION OF THE FOLLOWING LICENSED SURVEYORS: BRYCE BRASHER, P.S.M. NO. 7601 - BOUNDARY, TOPOGRAPHIC, AND WETLAND SURVEY TITLED "CHIPLEY PUBLIC LIBRARY", GEOPOINT PROJECT NO. CHIPLEY-BT - 031925 - SS, DATED MARCH 5, 2025, WITH FINAL PLOTTED DATE MARCH 19, 2025. JM, CMP - SUBSURFACE UTILITY ENGINEERING (SUE) QUALITY LEVEL B UTILITY SURVEY TITLED "CHIPLEY LIBRARY - SUE", GEOPOINT PROJECT SUE_QL-B UTILITIES, DATED MARCH 4, 2025. THIS INFORMATION HAS BEEN REVIEWED BY DAVID H. MELVIN, INC. (DHM); HOWEVER, IT HAS NOT BEEN INDEPENDENTLY VERIFIED. IT IS BEING INCORPORATED INTO THESE PLANS FOR REFERENCE PURPOSES ONLY. CONTRACTORS AND OTHERS RELYING ON THIS INFORMATION ARE RESPONSIBLE FOR INDEPENDENTLY VERIFYING ALL EXISTING CONDITIONS IN THE FIELD.*


DAG Architects
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Panama City, Florida 32401
850.387.1671
www.dagarchitects.com

BRENT E. MELVIN, P.E.
FLORIDA REG. NO 83163


100% CONSTRUCTION DOCUMENTS

DHM MELVIN ENGINEERING

WASHINGTON COUNTY

**WASHINGTON COUNTY LIBRARY**

Washington County Public Library

1444 W JACKSON AVE.
CHIPLEY, FL 32428

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|

| | |
|---|---|
| Project Number | **25014** |
| Dated | 08.08.2025 |

EXISTING CONDITIONS

**C001**


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# Attachment B

Proposed Grading & Drainage Plan

DHM Melvin Engineering




| FLOOD MITIGATION CALCULATIONS | |
|---|---|
| DESCRIPTION | VOLUME (CF) |
| PROPOSED FILL | 2,972 |
| PROPOSED EXCAVATION | 3,071 |
| NET VOLUME IN FLOODPLAIN | +99 |

N

40 20 0 20 40

SCALE: 1" = 20'

## LEGEND

| EXISTING | PROPOSED | |
|---|---|---|
| | 12 | STORM DRAINAGE STRUCTURE & PIPE PIPE SIZE IN INCHES |
| (10) | (10) | STRUCTURE NO. |
| +62.9 | +63.00 | SPOT ELEVATION |
| | 63.00 65.00 | PROPOSED PROFILE GRADE ELEVATION |
| 63 | 65.00 | CONTOUR |
| | | DIRECTION OF SURFACE FLOW |
| | | STAKED EROSION CONTROL |
| ZONE A | | FEMA FLOOD ZONE BOUNDARY |
| 62.0 | | BASE FLOOD ELEVATION (FT) |
| | | WETLAND LINE |
| 15' BUFFER | | 15' BUFFER FROM WETLAND LINE |
| | | WETLAND AREAS |
| | | PROPOSED CONCRETE SIDEWALK |
| | | PROPOSED ASPHALT PAVEMENT (FULL DEPTH) |
| | | PROPOSED MILLING LIMITS (1") |

## GRADING & DRAINAGE NOTES

1. ALL FINISH GRADES SHALL CONFORM TO THE ELEVATIONS SHOWN; PROVIDE A MAXIMUM TOLERANCE OF ±0.1 FT AND MATCH ADJOINING EXISTING GRADES SMOOTHLY.
2. PROVIDE POSITIVE SURFACE DRAINAGE AWAY FROM BUILDING FOUNDATIONS AT A MINIMUM SLOPE OF 1 PERCENT (1 FT PER 100 FT) FOR THE FIRST 10 FT BEYOND THE BUILDING PERIMETER.
3. GRADING SHALL ENSURE NO PONDING OF SURFACE WATER; LOW POINTS SHALL BE AVOIDED AND SWALES DIRECTED TOWARD DESIGNATED INLETS OR STORMWATER CONVEYANCES.
4. INSTALL ALL STORM DRAINAGE STRUCTURES, PIPING, AND APPURTENANCES PER THESE PLANS AND DETAILS
5. BEDDING AND BACKFILL FOR STORM PIPING SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS.
6. PROVIDE RIPRAP ENERGY DISSIPATORS AT OUTLET ENDS OF ALL CONCENTRATED FLOW PIPES; RIPRAP SHALL BE CLASS II STONE PER FDOT SPECIFICATIONS.
7. INSTALL INLET PROTECTION DEVICES (E.G., FILTER FABRIC SACKS OR GRAVEL DIAPHRAGMS) PRIOR TO ANY GRADING AND MAINTAIN UNTIL FINAL STABILIZATION.
8. EROSION AND SEDIMENT CONTROLS SHALL COMPLY WITH THE APPROVED SWPPP AND FLORIDA EROSION CONTROL CERTIFICATION REQUIREMENTS; MAINTAIN SILT FENCE, SEDIMENT BASINS, AND STABILIZED CONSTRUCTION ENTRANCES THROUGHOUT CONSTRUCTION.
9. PROTECT ALL EXISTING STORM STRUCTURES, CULVERTS, AND UTILITIES DURING CONSTRUCTION; ANY DAMAGED FACILITIES SHALL BE REPAIRED OR REPLACED AT NO COST TO THE OWNER.
10. ALL ROOF LEADERS, DOWNSPOUTS, AND SPLASH BLOCKS SHALL DISCHARGE TO A STABILIZED OUTLET OR CONNECT TO THE STORM DRAINAGE SYSTEM; NO CONCENTRATED DISCHARGE ONTO BARE SOILS.
11. CONTRACTOR SHALL VERIFY INVERT ELEVATIONS OF EXISTING PIPES AND UTILITIES IN THE FIELD PRIOR TO PIPE INSTALLATION; DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
12. UPON COMPLETION, SUBMIT "AS-BUILT" COMPLETED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR IN BOTH HARD-COPY AND AUTOCAD FORMATS FOR ENGINEER'S REVIEW.

## SITE PREPARATION NOTES

1. CONTRACTOR SHALL REVIEW, BE FAMILIAR WITH, AND COMPLY FULLY WITH ALL RECOMMENDATIONS IN THE "P25-018 GEOTECHNICAL REPORT - CHIPLEY LIBRARY EXPANSION PROJECT," SOUTHERN EARTH SCIENCES, INC., DATED MAY 2, 2025, PROJECT NO. P25-018, AND IS RESPONSIBLE FOR EXECUTING ALL WORK IN ACCORDANCE WITH THAT REPORT.
2. CLEAR AND GRUB ALL TOPSOIL, ORGANICS, AND DELETERIOUS MATERIALS WITHIN THE BUILDING FOOTPRINT AND EXTEND 5 FT BEYOND THE PERIMETER; ORGANICS ENCOUNTERED IN TOP 6-12 IN. SHALL BE REMOVED.
3. AFTER GRUBBING, MOISTURE-CONDITION AND COMPACT EXISTING SOILS TO 95 % OF MODIFIED PROCTOR (ASTM D-1557):
   - 3.1. EAST AND WEST WINGS: COMPACT TO 1 FT BELOW EXISTING GRADE
   - 3.2. NORTH WING: COMPACT TO 2 FT BELOW EXISTING GRADE
   - 3.3. USE STATIC-WEIGHT ROLLERS ONLY; NO VIBRATORY COMPACTION WITHIN 50 FT OF EXISTING BUILDINGS; WITHIN 5 FT OF FOUNDATIONS USE HAND-OPERATED EQUIPMENT ONLY (E.G., SLED TAMPS, JUMPING JACKS).
4. FOR ANY FILL REQUIRED TO BRING TO FINISHED GRADE, USE NON-PLASTIC SANDS TO CLAYEY SANDS WITH ≤ 15 % PASSING NO. 200 SIEVE, FREE OF ORGANICS, CLAY BALLS, AND RUBBLE; PLACE IN ≤ 12 IN. LIFTS AND COMPACT EACH LIFT TO 95 % MODIFIED PROCTOR.
5. UPON EXCAVATING FOOTINGS, COMPACT FOOTING BOTTOMS TO 95 % MODIFIED PROCTOR TO A DEPTH OF 1 FT BELOW FOOTING BOTTOM; WITHIN FOOTING TRENCHES NEAR EXISTING BUILDINGS, USE HAND COMPACTION ONLY.
6. PERFORM MOISTURE-DENSITY TESTS (PROCTORS) AND IN-PLACE DENSITY TESTS TO VERIFY COMPACTION AT THE FOLLOWING FREQUENCIES:
   - 6.1. 1 TEST PER 50 LF OF WALL FOOTING
   - 6.2. 1 TEST PER COLUMN FOOTING
   - 6.3. 1 TEST PER 1,000 SF OF EXISTING SOILS AND PER EACH FOOT OF FILL SOILS
7. IN PAVEMENT AREAS (E.G., TEST LOCATION P-1), REMOVE ORGANIC AND PLASTIC CLAY LAYERS TO ~3 FT BELOW SURFACE; REPLACE WITH SUITABLE FILL SOILS (AS ABOVE), COMPACT SUBGRADE TO 95 % MODIFIED PROCTOR (AASHTO T-180) TO 12 IN. DEPTH, STABILIZE TOP 12 IN. TO LBR 40; VIBRATORY ROLLER PERMITTED ONLY IF ≥ 50 FT FROM STRUCTURES AND GROUNDWATER IS DEEPER THAN 2 FT.
8. VERIFY GROUNDWATER DEPTHS IMMEDIATELY BEFORE EXCAVATION; OBSERVED SEASONAL HIGH AT APPROXIMATELY 3.0 FT ± 0.5 FT BGS (MEASURED 3.3-4.9 FT BGS); DEWATERING MAY BE REQUIRED. CONTRACTOR SHALL BE REQUIRED TO PREPARE, SUBMIT, AND COMPLY WITH ANY DEWATERING PERMIT(S) REQUIRED

DAG Architects
AR0009694
455 Harrison Avenue
Suite I
Panama City, Florida 32401
850.387.1671
www.dagarchitects.com

BRENT E. MELVIN, P.E.
FLORIDA REG. NO 83163

ISSUED FOR BUILDING PERMIT

DHM MELVIN ENGINEERING

WASHINGTON COUNTY

**WASHINGTON COUNTY LIBRARY**

Washington County Public Library

1444 W JACKSON AVE.
CHIPLEY, FL 32428

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|

| | |
|---|---|
| Project Number | 25014 |
| Dated | 09-03-2025 |

GRADING & DRAINAGE PLAN

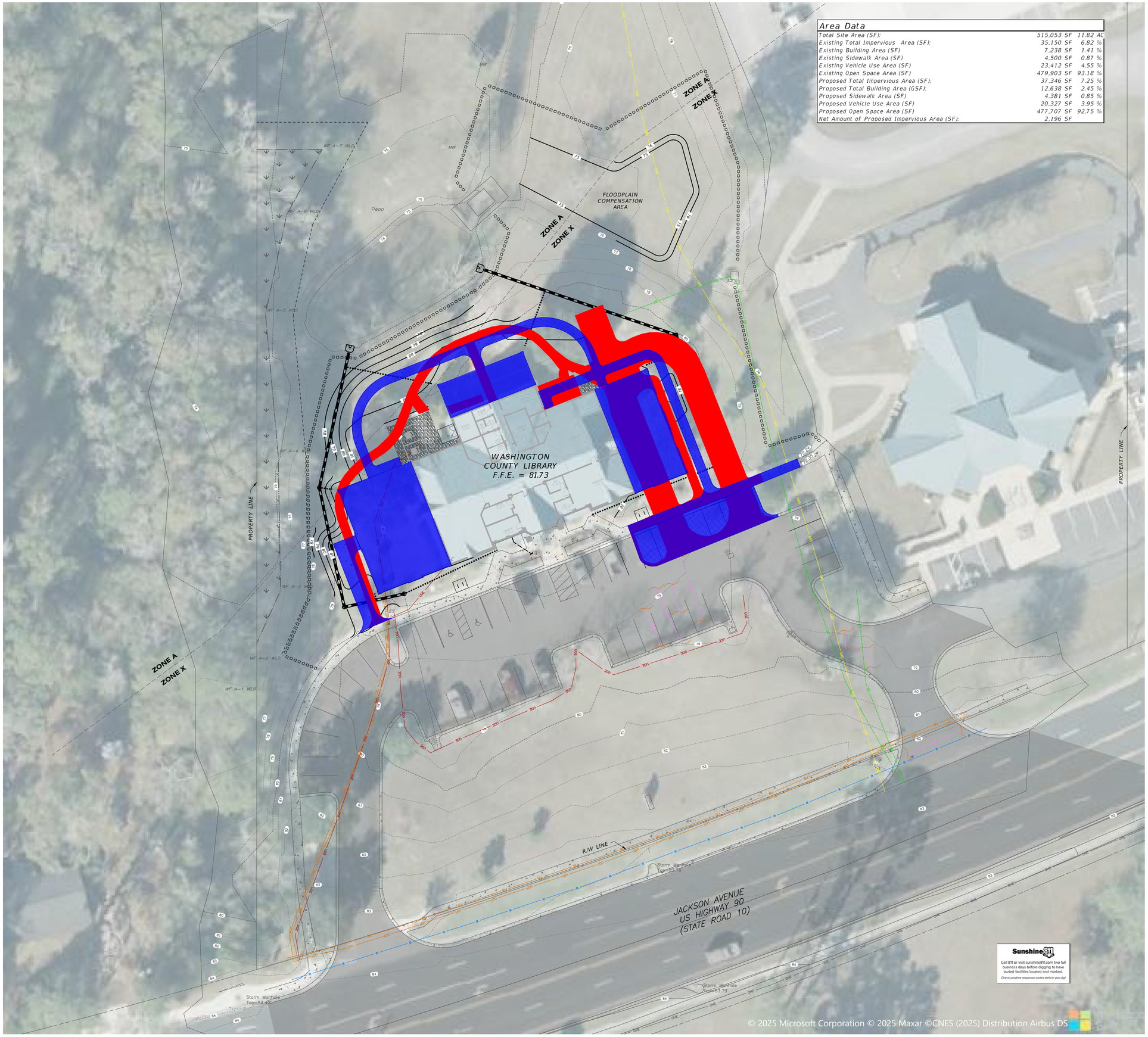
**C005**

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# Attachment C

Impervious Area Exhibit

DHM Melvin Engineering




| Area Data | | |
|---|---|---|
| Total Site Area (SF): | 515,053 SF | 11.82 AC |
| Existing Total Impervious Area (SF): | 35,150 SF | 6.82 % |
| Existing Building Area (SF) | 7,238 SF | 1.41 % |
| Existing Sidewalk Area (SF) | 4,500 SF | 0.87 % |
| Existing Vehicle Use Area (SF) | 23,412 SF | 4.55 % |
| Existing Open Space Area (SF) | 479,903 SF | 93.18 % |
| Proposed Total Impervious Area (SF): | 37,346 SF | 7.25 % |
| Proposed Total Building Area (GSF): | 12,638 SF | 2.45 % |
| Proposed Sidewalk Area (SF) | 4,381 SF | 0.85 % |
| Proposed Vehicle Use Area (SF) | 20,327 SF | 3.95 % |
| Proposed Open Space Area (SF) | 477,707 SF | 92.75 % |
| Net Amount of Proposed Impervious Area (SF): | 2,196 SF | |

N

40 20 0 20 40

SCALE: 1" = 20'

## LEGEND

| EXISTING | PROPOSED | |
|---|---|---|
| | 12 | STORM DRAINAGE STRUCTURE & PIPE PIPE SIZE IN INCHES |
| 10 | 10 | STRUCTURE NO. |
| +62.9 | +63.00 | SPOT ELEVATION |
| | 63.00 | PROPOSED PROFILE GRADE ELEVATION |
| 63 | 65.00 | CONTOUR |
| | | DIRECTION OF SURFACE FLOW |
| | | STAKED EROSION CONTROL |
| ZONE A | | FEMA FLOOD ZONE BOUNDARY |
| 62.0 | | BASE FLOOD ELEVATION (FT) |
| | | WETLAND LINE |
| 15' BUFFER | | 15' BUFFER FROM WETLAND LINE |
| | | WETLAND AREAS |
| | | PROPOSED CONCRETE SIDEWALK |
| | | PROPOSED ASPHALT PAVEMENT (FULL DEPTH) |
| | | PROPOSED MILLING LIMITS (1") |
| | | PROPOSED IMPERVIOUS AREA |
| | | REMOVED IMPERVIOUS AREA |

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BRENT E. MELVIN, P.E.
FLORIDA REG. NO 83163

EXHIBIT

DHM MELVIN ENGINEERING

WASHINGTON COUNTY

**WASHINGTON COUNTY LIBRARY**

Washington County Public Library

1444 W JACKSON AVE.
CHIPLEY, FL 32428

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|

Project Number **25014**
Dated 09-03-2025

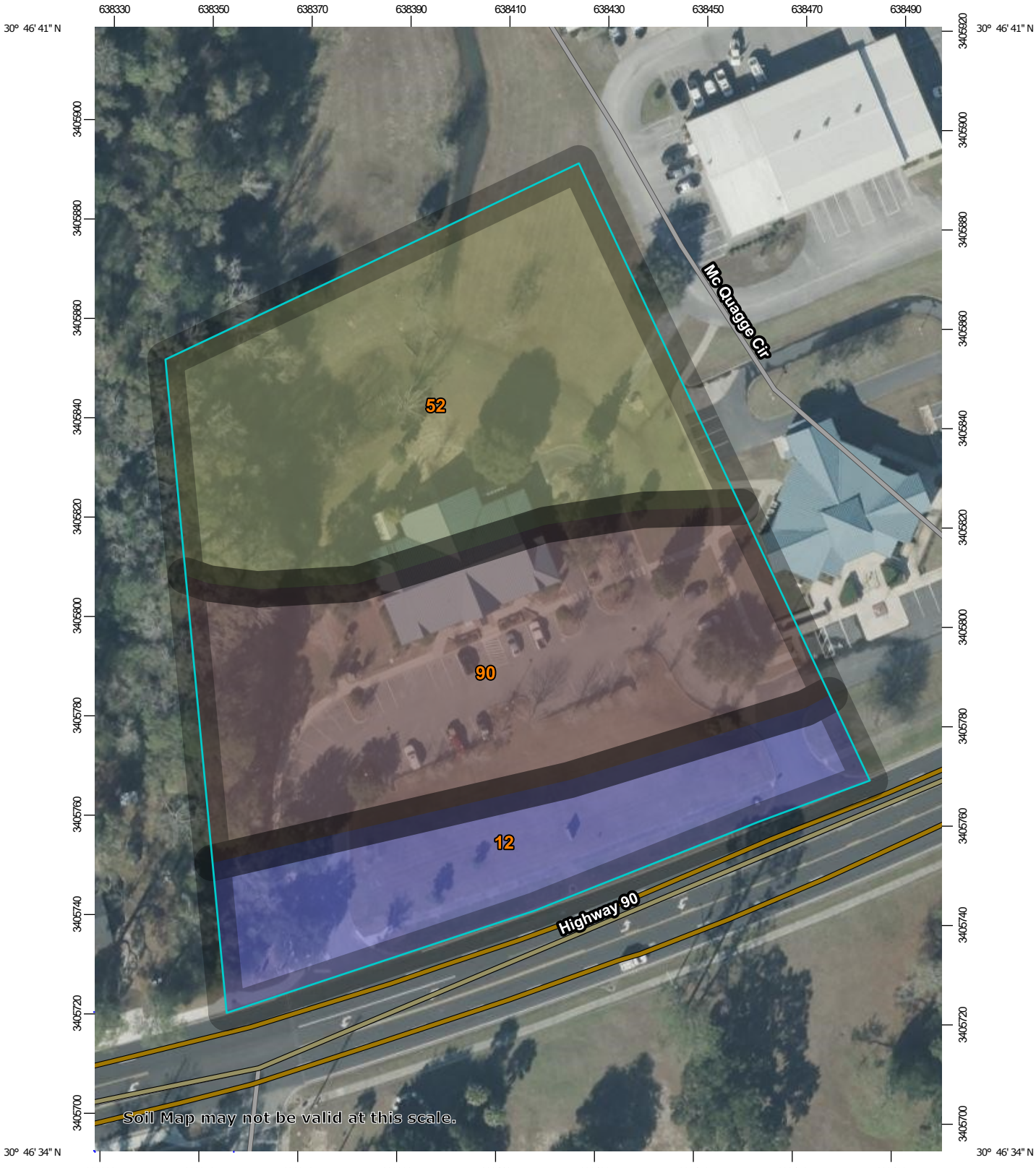
PRE- AND POST-DEV IMPERVIOUS AREAS

**1 OF 1**

# Attachment D

Soil and Floodplain Maps

Hydrologic Soil Group—Washington County, Florida
(Chipley Library Expansion)




Map Scale: 1:1,100 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 15 30 60 90

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

## MAP LEGEND

**Area of Interest (AOI)**

Area of Interest (AOI)

**Soils**

**Soil Rating Polygons**

A
A/D
B
B/D
C
C/D
D
Not rated or not available

**Soil Rating Lines**

A
A/D
B
B/D
C
C/D
D
Not rated or not available

**Soil Rating Points**

A
A/D
B
B/D
C
C/D
D
Not rated or not available

**Water Features**

Streams and Canals

**Transportation**

Rails
Interstate Highways
US Routes
Major Roads
Local Roads

**Background**

Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Washington County, Florida
Survey Area Data: Version 21, Aug 23, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 10, 2024—Jan 20, 2024

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

# Hydrologic Soil Group

| Map unit symbol | Map unit name | Rating | Acres in AOI | Percent of AOI |
|---|---|---|---|---|
| 12 | Dothan loamy sand, 2 to 5 percent slopes | B | 0.8 | 20.5% |
| 52 | Grady loam, ponded | C/D | 1.5 | 40.4% |
| 90 | Rains and Bayboro soils, depressional | B/D | 1.5 | 39.0% |
| **Totals for Area of Interest** | | | **3.8** | **100.0%** |

## Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

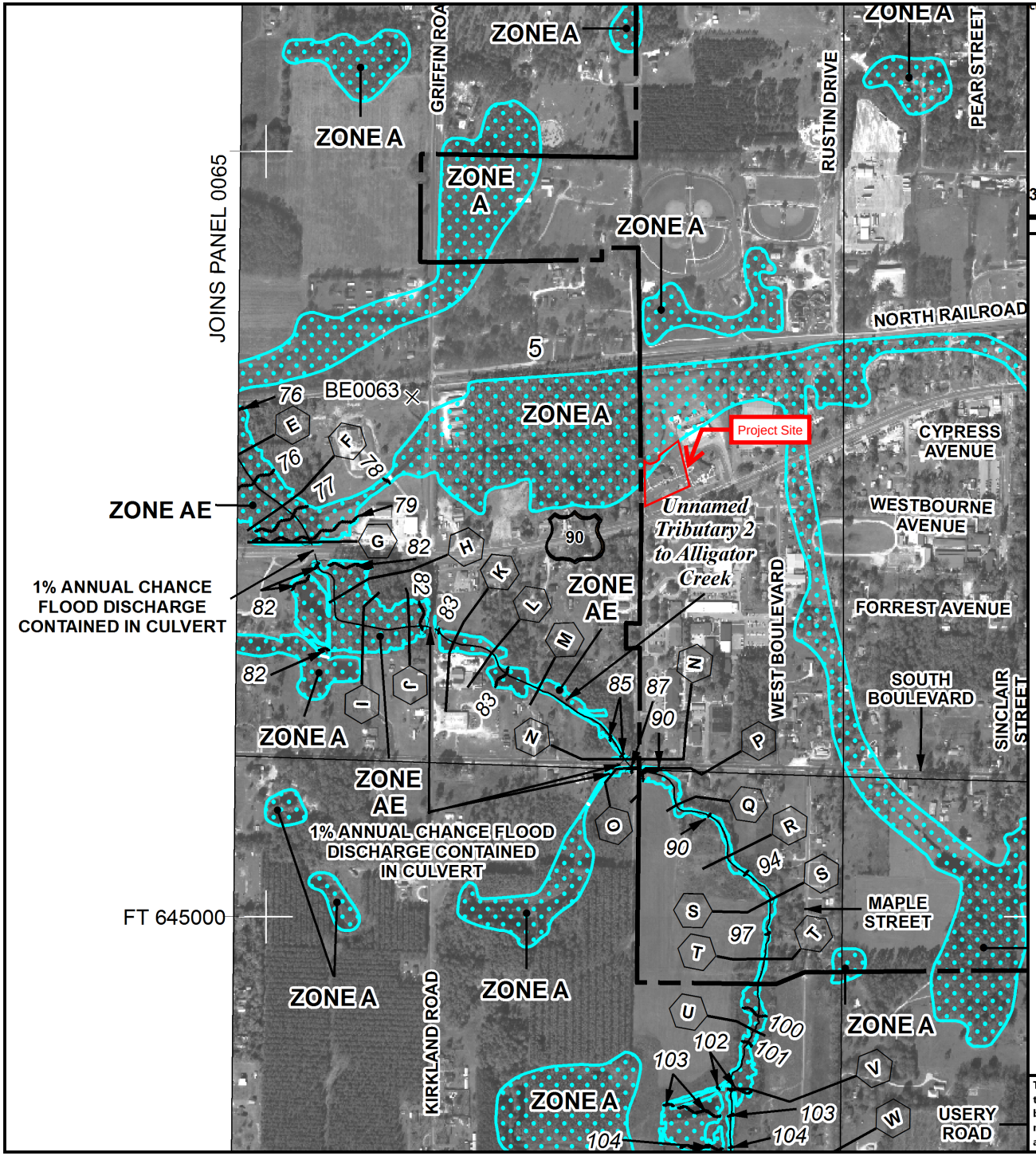
If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

## Rating Options

*Aggregation Method:* Dominant Condition

*Component Percent Cutoff: None Specified*

*Tie-break Rule:* Higher




MAP SCALE 1" = 1000'

500 0 1000 2000 FEET

300 0 300 600 M

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0070D

# FIRM

## FLOOD INSURANCE RATE MAP

**WASHINGTON COUNTY, FLORIDA**
AND INCORPORATED AREAS

**PANEL 70 OF 475**

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

| COMMUNITY | NUMBER | PANEL | SUFFIX |
|---|---|---|---|
| CHIPLEY, CITY OF | 120325 | 0070 | D |
| WASHINGTON COUNTY | 120407 | 0070 | D |

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

**MAP NUMBER**
**12133C0070D**

**MAP REVISED**
**JULY 4, 2011**

Federal Emergency Management Agency

This is an official FIRMette showing a portion of the above-referenced flood map created from the MSC FIRMette Web tool. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For additional information about how to make sure the map is current, please see the Flood Hazard Mapping Updates Overview Fact Sheet available on the FEMA Flood Map Service Center home page at https://msc.fema.gov.

# Attachment E
ICPR Model Outputs

DHM Melvin Engineering

## Simple Basin: POST DA-01

| | |
|---|---|
| Scenario: | Scenario1 |
| Node: | POST POND |
| Hydrograph Method: | NRCS Unit Hydrograph |
| Infiltration Method: | Curve Number |
| Time of Concentration: | 10.0000 min |
| Max Allowable Q: | 0.0 cfs |
| Time Shift: | 0.0000 hr |
| Unit Hydrograph: | UH484 |
| Peaking Factor: | 484.0 |
| Area: | 2.1700 ac |
| Curve Number: | 74.4 |
| % Impervious: | 0.00 |
| % DCIA: | 0.00 |
| % Direct: | 0.00 |
| Rainfall Name: | |

Comment:

## Simple Basin: PRE DA-01

| | |
|---|---|
| Scenario: | Scenario1 |
| Node: | PRE POND |
| Hydrograph Method: | NRCS Unit Hydrograph |
| Infiltration Method: | Curve Number |
| Time of Concentration: | 10.0000 min |
| Max Allowable Q: | 0.0 cfs |
| Time Shift: | 0.0000 hr |
| Unit Hydrograph: | UH484 |
| Peaking Factor: | 484.0 |
| Area: | 2.1700 ac |
| Curve Number: | 73.6 |
| % Impervious: | 0.00 |
| % DCIA: | 0.00 |
| % Direct: | 0.00 |
| Rainfall Name: | |

Comment:

## Simulation: 25YR-24HR

| | |
|---|---|
| Scenario: | Scenario1 |
| Run Date/Time: | 9/5/2025 1:01:25 PM |
| Program Version: | ICPR4 4.07.08 |

### General

| | |
|---|---|
| Run Mode: | Normal |

| | Year | Month | Day | Hour [hr] |
|---|---|---|---|---|
| Start Time: | 0 | 0 | 0 | 0.0000 |
| End Time: | 0 | 0 | 0 | 30.0000 |

| | Hydrology [sec] | Surface Hydraulics [sec] |
|---|---|---|
| Min Calculation Time: | 60.0000 | 0.1000 |
| Max Calculation Time: | | 30.0000 |

## Output Time Increments

### Hydrology

| Year | Month | Day | Hour [hr] | Time Increment [min] |
|---|---|---|---|---|
| 0 | 0 | 0 | 0.0000 | 5.0000 |

### Surface Hydraulics

| Year | Month | Day | Hour [hr] | Time Increment [min] |
|---|---|---|---|---|
| 0 | 0 | 0 | 0.0000 | 5.0000 |

### Restart File

Save Restart: False

## Resources & Lookup Tables

### Resources

Rainfall Folder:

Unit Hydrograph Folder:

### Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

## Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic

IA Recovery Time: 24.0000 hr
Smp/Man Basin Rain Opt: Global
Rainfall Name: ~FDOT-24
Rainfall Amount: 8.70 in
Storm Duration: 24.0000 hr
Dflt Damping (1D): 0.0050 ft

Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment:

## Node: POST BNDRY

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.0 cfs
Initial Stage: 10.00 ft
Warning Stage: 11.00 ft
Boundary Stage:

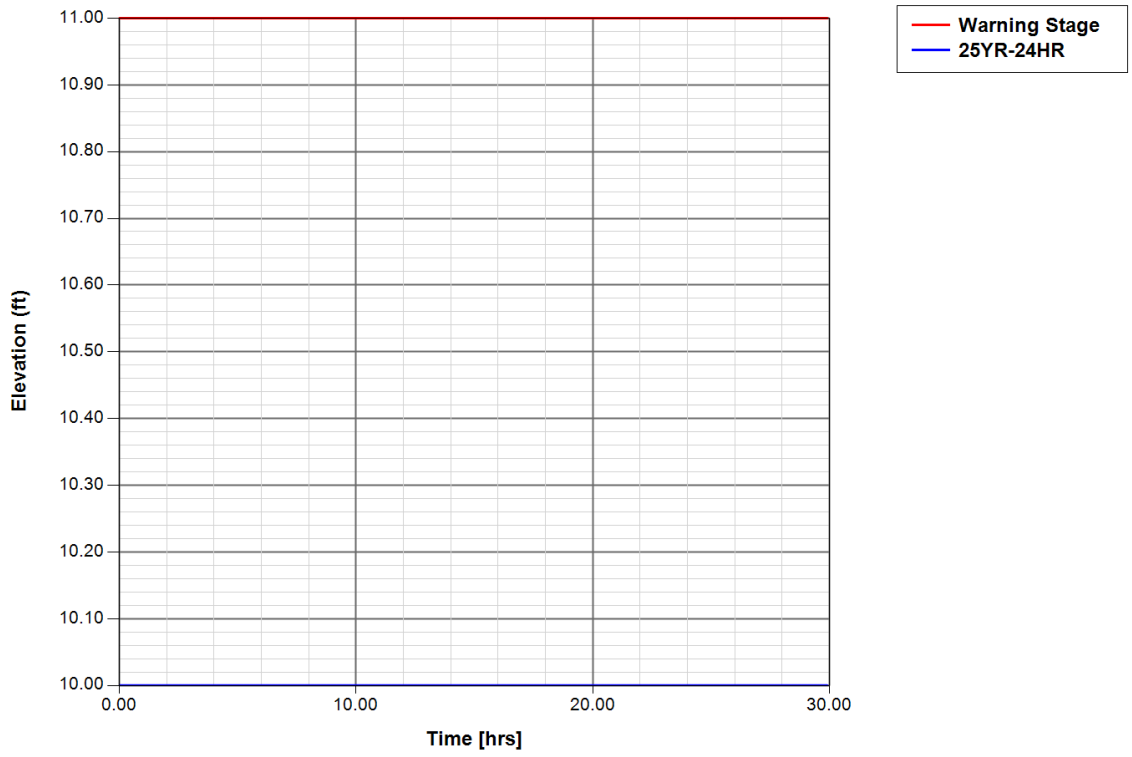
| Year | Month | Day | Hour | Stage [ft] |
|---|---|---|---|---|
| 0 | 0 | 0 | 0.0000 | 10.00 |
| 0 | 0 | 0 | 9999.0000 | 10.00 |

Comment:

Node Max Conditions [Scenario1]

| Node Name | Sim Name | Warning Stage [ft] | Max Stage [ft] | Min/Max Delta Stage [ft] | Max Total Inflow [cfs] | Max Total Outflow [cfs] | Max Surface Area [ft2] |
|---|---|---|---|---|---|---|---|
| POST BNDRY | 25YR-24HR | 11.00 | 10.00 | 0.0000 | 1.5 | 0.0 | 0 |

## Node Stage w/Warning Stage: POST BNDRY [Scenario1]




## Node: POST POND

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.0 cfs
Initial Stage: 74.00 ft
Warning Stage: 76.00 ft

| Stage [ft] | Area [ac] | Area [ft2] |
|---|---|---|
| 74.00 | 0.0797 | 3471 |
| 75.00 | 0.1026 | 4470 |
| 76.00 | 0.1230 | 5356 |

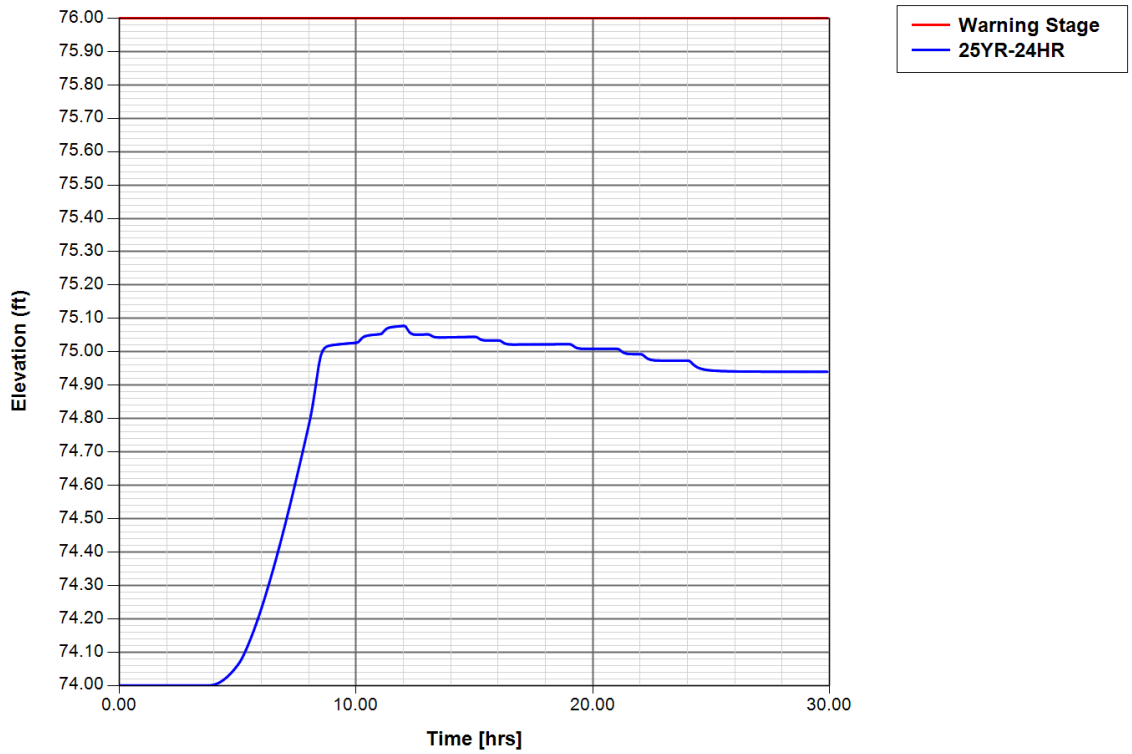
Comment:

Node Max Conditions [Scenario1]

| Node Name | Sim Name | Warning Stage [ft] | Max Stage [ft] | Min/Max Delta Stage | Max Total Inflow [cfs] | Max Total Outflow [cfs] | Max Surface Area [ft2] |
|---|---|---|---|---|---|---|---|

| Node Name | Sim Name | Warning Stage [ft] | Max Stage [ft] | Min/Max Delta Stage [ft] | Max Total Inflow [cfs] | Max Total Outflow [cfs] | Max Surface Area [ft2] |
|---|---|---|---|---|---|---|---|
| POST POND | 25YR-24HR | 76.00 | 75.08 | 0.0010 | 1.5 | 1.5 | 4539 |

Node Stage w/Warning Stage: POST POND [Scenario1]




Node: PRE BNDRY

Scenario: Scenario1
Type: Time/Stage
Base Flow: 0.0 cfs
Initial Stage: 10.00 ft
Warning Stage: 11.00 ft
Boundary Stage:

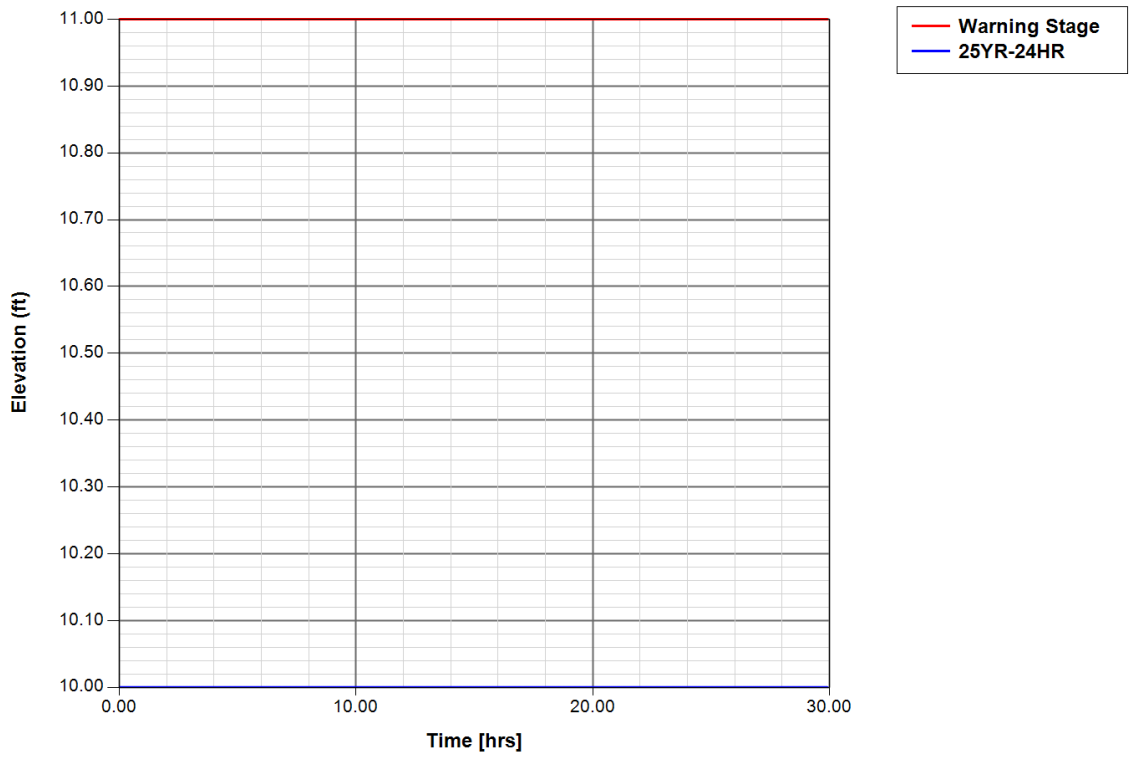
| Year | Month | Day | Hour | Stage [ft] |
|---|---|---|---|---|
| 0 | 0 | 0 | 0.0000 | 10.00 |
| 0 | 0 | 0 | 9999.0000 | 10.00 |

Comment:

Node Max Conditions [Scenario1]

| Node Name | Sim Name | Warning Stage [ft] | Max Stage [ft] | Min/Max Delta Stage [ft] | Max Total Inflow [cfs] | Max Total Outflow [cfs] | Max Surface Area [ft2] |
|---|---|---|---|---|---|---|---|
| PRE BNDRY | 25YR-24HR | 11.00 | 10.00 | 0.0000 | 1.5 | 0.0 | 0 |

Node Stage w/Warning Stage: PRE BNDRY [Scenario1]




Node: PRE POND

Scenario: Scenario1
Type: Stage/Area
Base Flow: 0.0 cfs
Initial Stage: 74.00 ft
Warning Stage: 76.00 ft

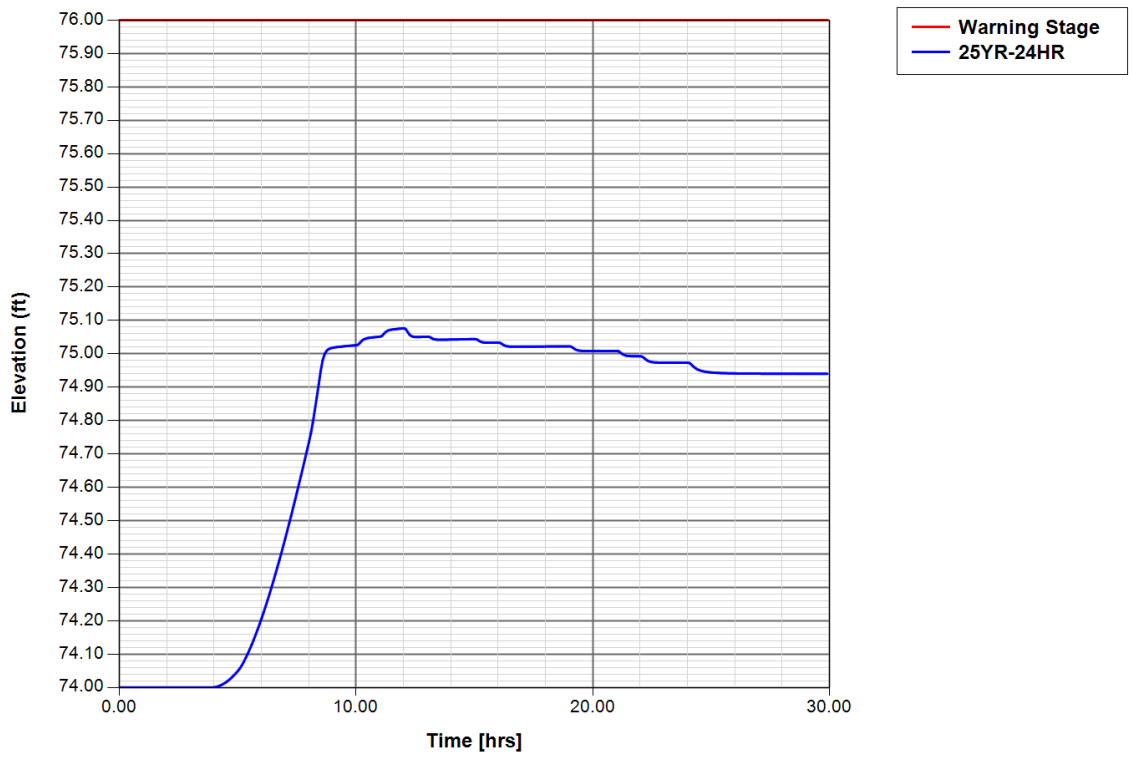
| Stage [ft] | Area [ac] | Area [ft2] |
|---|---|---|
| 74.00 | 0.0797 | 3471 |
| 75.00 | 0.1026 | 4470 |
| 76.00 | 0.1230 | 5356 |

Comment:

Node Max Conditions [Scenario1]

| Node Name | Sim Name | Warning Stage [ft] | Max Stage [ft] | Min/Max Delta Stage [ft] | Max Total Inflow [cfs] | Max Total Outflow [cfs] | Max Surface Area [ft2] |
|---|---|---|---|---|---|---|---|
| PRE POND | 25YR-24HR | 76.00 | 75.08 | 0.0010 | 1.5 | 1.5 | 4538 |

Node Stage w/Warning Stage: PRE POND [Scenario1]



## Link: POST CONC WEIR

Scenario: Scenario1
Type: Weir
From Node: POST POND
To Node: POST BNDRY
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions [Scenario1]

| Link Name | Sim Name | Max Flow [cfs] | Min Flow [cfs] | Min/Max Delta Flow [cfs] | Max Us Velocity [fps] | Max Ds Velocity [fps] | Max Avg Velocity [fps] |
|---|---|---|---|---|---|---|---|
| POST CONC WEIR | 25YR-24HR | 1.5 | 0.0 | 0.0 | 1.03 | 1.03 | 1.03 |

## Link: PRE CONC WEIR

Scenario: Scenario1
Type: Weir
From Node: PRE POND
To Node: PRE BNDRY
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions [Scenario1]

| Link Name | Sim Name | Max Flow [cfs] | Min Flow [cfs] | Min/Max Delta Flow [cfs] | Max Us Velocity [fps] | Max Ds Velocity [fps] | Max Avg Velocity [fps] |
|---|---|---|---|---|---|---|---|
| PRE CONC WEIR | 25YR-24HR | 1.5 | 0.0 | 0.0 | 1.03 | 1.03 | 1.03 |

# Attachment F

Correspondance with FDEP and Existing Permit Information

DHM Melvin Engineering

**From:** Cowen, Savannah <Savannah.Cowen@FloridaDEP.gov>
**Sent:** Thursday, October 19, 2023 7:43 AM
**To:** Brent Melvin
**Subject:** RE: Washington County Chipley Library Expansion: Previously Permitted under 62-25

Yes – that is correct!

Thanks,

**Savannah Cowen**
**Engineering Specialist II**
Florida Department of Environmental Protection
Northwest District
160 West Government Street
Pensacola, Florida 32502
Savannah.Cowen@FloridaDEP.gov
850-595-0640
https://link.edgepilot.com/s/6241bc2c/umBzARs_706A50POtqSgnA?u=https://floridadep.gov/




---

**From:** Brent Melvin <brentmelvin@melvineng.com>
**Sent:** Wednesday, October 18, 2023 5:36 PM
**To:** Cowen, Savannah <Savannah.Cowen@FloridaDEP.gov>
**Subject:** RE: Washington County Chipley Library Expansion: Previously Permitted under 62-25

**EXTERNAL MESSAGE**
This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Savannah,

As always, thanks so much for the information!

Just to make sure I am on the same page, if the total new impervious area is less than 9,000 sq.ft., with the proposed net new vehicular traffic area portion being under 4,000 sq.ft., then the project would be eligible to request a *de minimis* exemption?

Sincerely,

**Brent E. Melvin P.E.**
*Project Manager*

brentmelvin@melvineng.com
Office (850) 482-3045
Mobile (850) 718-4204
4428 Lafayette Street
Marianna, FL 32446

---

**From:** Cowen, Savannah <Savannah.Cowen@FloridaDEP.gov>
**Sent:** Wednesday, October 18, 2023 7:58 AM
**To:** Brent Melvin <brentmelvin@melvineng.com>
**Subject:** RE: Washington County Chipley Library Expansion: Previously Permitted under 62-25

Good Morning Brent,

Since the existing Chapter 62-25 F.A.C. permit was issued by the Department, any future permitting would be done through us.

A new ERP Individual Permit would only be required if greater than 4,000 sq-ft of new impervious surfaces are being added to support the parking lot reconfiguration (new total impervious is under the 9,000 sq-ft threshold so no concerns regarding that). Obviously any new impervious surfaces placed over grassed areas count toward this threshold. In addition, any existing paved areas that are removed down to bare earth and then replaced will count toward this. Any existing parking areas that are milled in place, repaved, etc. will not count toward these thresholds.

If an ERP Individual is required, I would recommend constructing a new, separate stormwater management system to serve just the new areas, if feasible. If all runoff is diverted to the existing pond, this pond will need to meet current Rule under Chapter 62-330 F.A.C. and ERP A.H. Vol. II. Based on the attached information, it appears the existing pond only treats ½" of runoff. It would likely need to be expanded to meet the current 1" criteria.

If the new impervious if under the 4,000 sq-ft subject to vehicular traffic threshold, I would recommend proceeding with a de minimis exemption. No updates would need to be made to the stormwater management system, the Department would just need assurance that the new works won't cause or contribute to adverse water quality impacts or flooding.

Hope this helps!

Please let me know if you have any additional questions!

Thanks,

**Savannah Cowen**
**Engineering Specialist II**
Florida Department of Environmental Protection
Northwest District
160 West Government Street
Pensacola, Florida 32502
Savannah.Cowen@FloridaDEP.gov
850-595-0640

> https://link.edgepilot.com/s/7458d476/FAfPbUa_zE6v2ugH74P0kw?u=https://floridadep.gov/




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**From:** Brent Melvin <brentmelvin@melvineng.com>
**Sent:** Tuesday, October 17, 2023 11:30 AM
**To:** Cowen, Savannah <Savannah.Cowen@FloridaDEP.gov>
**Subject:** Washington County Chipley Library Expansion: Previously Permitted under 62-25

**EXTERNAL MESSAGE**
This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Savannah,

Good morning, I hope you are doing well. We are working with the Washington County Library on a potential expansion to their existing building located at 1444 W Jackson Avenue, Chipley, Florida.

The site was originally permitted in November 2001 under Rule 62-25 and a copy of that original permit information is attached to this email.

The proposed expansion would include up to an additional 6,400 sq.ft. of building and a reconfiguring the existing parking area. Attached is a PDF which a general proposed site plan for these improvements.

Based on the information you have provided previously, my understanding is that this modification would required a new permit be issued under 62-330 for the site.

Can you confirm if a new permit will be required and whether this site would be permitted through FDEP or NWFWMD?

Thank you,

**Brent E. Melvin, P.E.**
*Project Manager*

brentmelvin@melvineng.com
Phone (850) 482-3045
Mobile (850) 718-4204
Fax (850) 482-3957
4428 Lafayette Street
Marianna, FL 32446

https://link.edgepilot.com/s/de85e6b7/H7XOZc00fU_ZPd3tIgPJlg?u=http://www.melvineng.com/

DHM
MELVIN ENGINEERING

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Links contained in this email have been replaced. If you click on a link in the email above, the link will be analyzed for known threats. If a known threat is found, you will not be able to proceed to the destination. If suspicious content is detected, you will see a warning.

FILE COPY

# Department of
# Environmental Protection

Panama City Branch Office
2353 Jenks Avenue
Panama City, FL 32405
Phone: (850)-872-4375 Fax: (850) 872-7790

Jeb Bush
Governor

David B. Struhs
Secretary

November 6, 2001

City of Chipley
C/o Ollie Ellis, City Administrator
P.O. Box 1007
Chipley, Florida 32428

REF.: **STORMWATER GENERAL PERMIT - TYPE B**
Project: Washington County Library
File #: 67-0186198-002-RG
County: Washington

Dear Mr. Ellis:

We have reviewed your Notice of General Permit received by the Department on October 15, 2001, concerning the above referenced project. The project appears to qualify for the General Permit specified by Rule 62-25.801, Florida Administrative Code (F.A.C.).

Please review and be aware of the general conditions associated with this General Permit as outlined in Rule 62-4.540, F.A.C. This General Permit does not relieve you, the permittee, from obtaining a dredge and fill permit or other permits (local, state or federal) which may be required.

We wish to point out that Section 62-25.801, F.A.C. also requires that the permittee file an As-Built Certification with the Department within thirty (30) days after the facility's completion. This certification is included as Page 4 of DEP form 62-1.215(2), the General Permit for Stormwater Discharge Facilities.

If you have any questions about the need to obtain additional permits, or any other matters, please call Robert Taylor at (850) 872-4375.

Sincerely,

Gary L. Shaffer
Branch Manager

GLS:rft

cc: DEP/PEN-Cliff Street, P.E.
Matt Hennessy, P.E.



NOV 0 6 2001

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Transportation

Development
Management

1719 S. Gadsden Street
Tallahassee, FL 32301

Phone: 850-521-0344
Fax: 850-521-0345

September 21, 2001

Mr. Bob Taylor
Florida Department of Environmental Protection
Panama City Branch Office
2353 Jenks Ave.
Panama City, FL 32405

**RE: Stormwater General Permit Application**
**Washington County Library**
**Washington County**
**Chipley, Florida**

Dear Mr. Taylor:

Please find attached a Notice of Intent to use General Permit for New Stormwater Discharge Facility Construction for the referenced project. The following supporting information has been attached for your review:

1 Construction plans.
2 Site Narrative
3 Stormwater Facility Storage Calculations
4 Sand Filter Percolation Calculations
5 Check in the amount of $250.00

If you have any questions please feel free to call myself at (850) 521-0344.

Sincerely,

Matthew F. Hennessy, P.E.

Cc: James Lewis
file

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BRANCH OFFICE

# Department of Environmental Protection

ck# 3121

Jeb Bush
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794
(850) 595-8300

David B. Struhs
Secretary

03-0186198-002-RG

NOTICE OF INTENT TO USE GENERAL PERMIT (SECTION 17-4.71 F.A.C.)
FOR NEW STORMWATER DISCHARGE FACILITY CONSTRUCTION
CHAPTER 17-25 FLORIDA ADMINISTRATIVE CODE

PREFACE

This form is to be completed and submitted to the Department along with the information specified in Part I-3, AT LEAST 30 DAYS PRIOR TO INITIATING CONSTRUCTION. Those facilities which qualify for a general permit are listed in Florida Administrative Code Rules 17-4.71 and 17-25.035.

Please provide the information listed below. Fill in all blanks and answer all questions in Parts I and III and the appropriate sections of Part II.

PART I: GENERAL INFORMATION

1. Person(s) or entity that owns the discharge facility:

Name and Title: Ollie Ellis, City Administrator, City of Chipley

Address: P.O. Box 1007
Chipley, Florida 32428

Phone: 850-638-6350

2. Stormwater Discharge Facility Identity and Location:

Source (Project Name): Washington County Library

Source (Project) Location: Street HWY 90

City Chipley County Washington

5 (Section) 4N (Township) 13W (Range) 30 ° 46 ' 40 " N (Latitude) 85 ° 33 ' 9 " W (Longitude)

Name(s) of surface waters* into which stormwater will be discharged:

N/A

*(Please see Section 403.031 and 403.817 F.S. and 17-4.02(17), F.A.C. for definition of surface waters of the state.)

The surface waters into which stormwater will be discharged are classified as Class ____ waters. These waters are/are not an Outstanding Florida Water and are/are not subject to additional treatment required by Section 17-25.025(9). Please see Section 17-3.041, F.A.C., for a list of Outstanding Florida Waters and Section 17-3.161 to determine the appropriate classification of the waters.

Please attach a map(s) with sufficient detail to enable someone to locate the subject property.

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3. Please submit the following information about your Stormwater Discharge Facility:

A. One set of engineering plans and specifications.

B. One set of appropriate design analyses, calculations, drawings, narrative description or other information necessary to document and verify that the proposed stormwater discharge facility qualifies for the general permit indicated in Part II.

4. Other DER Permits for this project have been:
A. Denied (date) _____ DER # _____
B. Issued (date) _____ DER # _____
C. Pending (date submitted) _____ DER # _____

PART II: SPECIAL INFORMATION RELATIVE TO GENERAL PERMITS REQUIRING A NOTICE BY CHAPTER 17-25.035 and BY SECTION 17-4.71, FLORIDA ADMINISTRATIVE CODE CODE RULES

1. Please indicate the GENERAL PERMIT category for which you qualify.

_____A. Facilities which discharge into a stormater discharge facility which is permitted pursuant to Fla. Admin. Code Rule 17-25.040 or was exempted pursuant to Fla. Admin. Code Rule 17-25.030 where the appropriate treatment criteria specified in Chapter 17-25 and applied to the permitted or exempt facility are not exceeded by the discharge. (Place a check mark in the space provided and proceed to number 2 of this section.)

__X__B. Facilities which provide retention, or detention with filtration, of the runoff from the first one inch of rainfall; or, as an option, for projects or project subunits with drainage areas less than 100 acres, facilities which provide retention, or detention with filtration, of the first one-half inch of runoff. (Place a check mark in the space provided and proceed to number 3 of this section.)

_____C. Modification or reconstruction by a city, county, state agency, special district with drainage responsibility, or water management district of an existing stormwater management system which is not intended to serve new development, and which will not increase pollution loading, or change points of discharge in a manner that would adversely affect the designated uses of waters of the state. (Place a check mark in the space provided and proceed to number 3 of this section.)

_____D. Facilities of stormwater management systems that include a combination of best management practices including but not limited to retention basins, swales, pervious pavement, landscape or natural retention storage that will provide for the percolation of the runoff from a three-year one-hour design storm. (Place a check mark in the space provided and proceed to number 3 of this section.)

2. Please attach a letter of consent signed by the owner or his agent indicating that you have obtained the owner's permission to discharge into the permitted or exempt storm water discharge facility which you propose to utilize. (Complete number 3 of this section.)

3. The GENERAL PERMIT listed above required that a professional engineer certify that the criteria specified will be met by the facility as designed. You must complete Sections A and B in Part III and have your engineer complete Section C in order to qualify for the GENERAL PERMIT. Please note that Chapter 17-25 F.A.C. requires a professional engineer to certify within 30 days after completion of construction that the new stormwater discharge facility has been built in substantial compliance with the appropriate General Permit criteria. (Please use Section III-D of this form).

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PART III. A. STATEMENT BY APPLICANT

The undersigned owner or authorized representative* of City of Chipley is fully aware that the statements made in this notice are true, correct and complete to the best of his or her knowledge and belief. The undersigned also agrees to retain the design engineer, or another professional engineer registered in Florida, to conduct on-site observations of construction.

Signature of the owner or *authorized representative

Ollie Ellis, City of Chipley
Name and title (Please type)

*Attach a letter of authorization.

Date: _____ Phone: 850-638-6350

B. STATEMENT BY PERSON RESPONSIBLE FOR MAINTENANCE

The undersigned agrees to maintain and operate the discharge facilities in such a manner as to comply with the provisions of Chapter 17-25, F.A.C. Responsibility for maintenance and operation may be transferred to another entity upon written notice to the Department from the undersigned and from the entity assuming responsibility, certifying that the transfer of responsibility for maintenance and operation in compliance with Chapter 17-25, F.A.C. has been accepted.

Signature of the person responsible for maintenance
(may be the applicant)

Ollie Ellis, City of Chipley
Name and title (Please type)

P.O. Box 1007
Address

Chipley, Florida 32428

Date: _____ Phone: 850-638-6350

C. STATEMENT BY PROFESSIONAL ENGINEER REGISTERED IN FLORIDA
(where required by Chapter 471, Florida Statutes)

This is to certify that the engineering features of this stormwater discharge facility have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of stormwater pollutants. I further certify that the facility has been designed in accordance with the appropriate specifications required under Chapter 17-25, Florida Administrative Code. It is also stated that the undersigned has furnished the applicant with a set of instructions for the maintenance and operation of the stormwater discharge facility.

Signature of Engineer

(AFFIX SEAL)

Matt Hennessy, P.E. 57475
Name (Please type) Florida Reg. No.

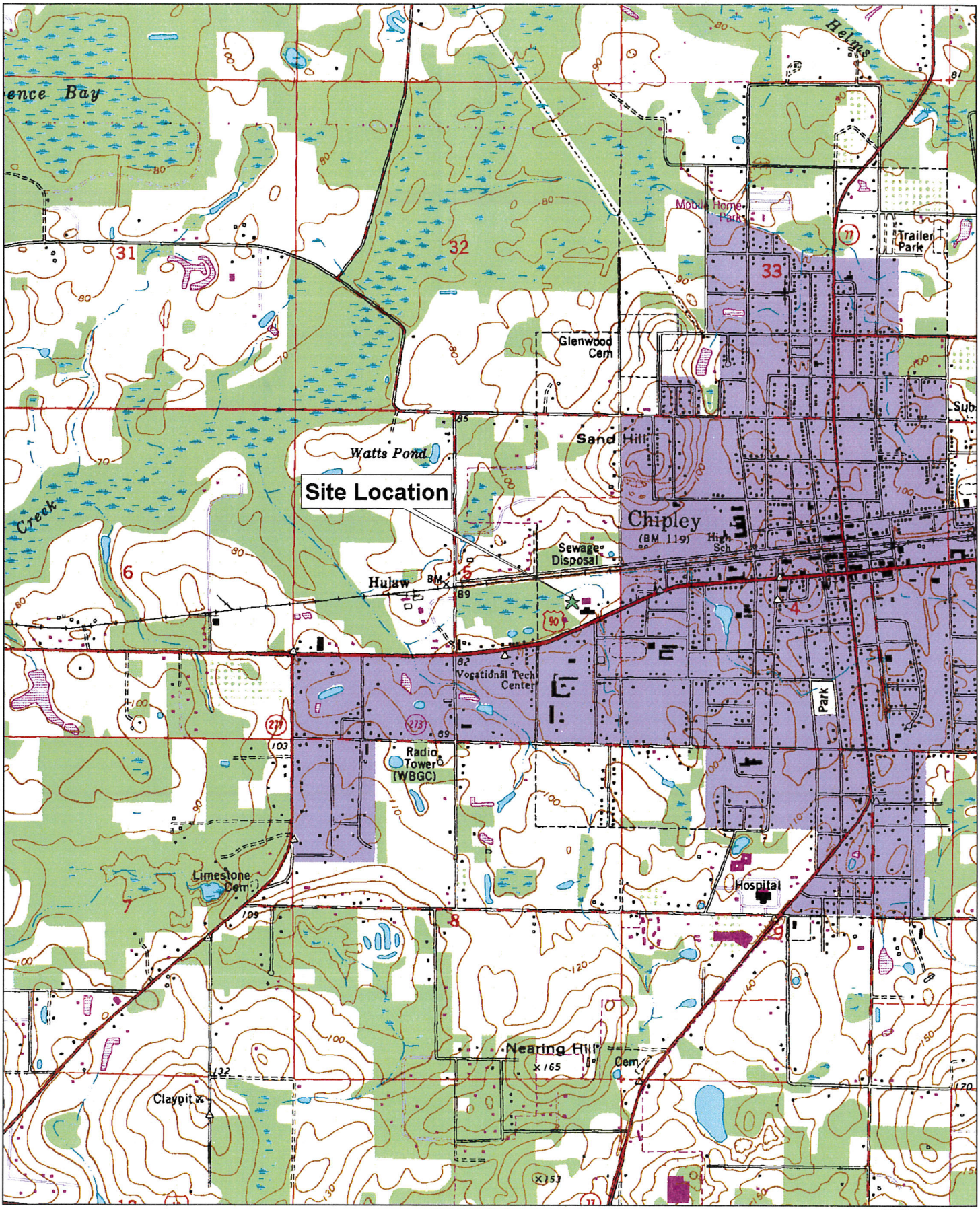
George & Associates
Company Name

1719 South Gadsden Street
Company Address

Tallahassee, Florida 32301

Date: 9/21/01 Phone: 850-521-0344

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2000 ft

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# PROJECT NARRATIVE

**September 21, 2001**

## *PROJECT LOCATION:*

The proposed location of the site is in Washington County, Florida off Hwy 90 East in the City of Chipley. The site is directly to the west of the City Hall of Chipley. The site is located in Section 5, Township 4-N, and Range 13-W.

## *PREDEVELOPED CONDITION:*

The proposed building site is 2.17 acres of undeveloped cleared land. The site soil consists of a mixture of organic silts and sands and soft to very soft clays unsuitable for a building foundation. The site has been undercut at this time and replaced with suitable soils.

## *PROJECT ACTIVITIES:*

The proposed project includes the construction of one 7,232 sq. ft. building, which will serve as the public library for Washington County. Additionally, the project includes the construction of approximately 23,412 sq. ft. of vehicle use area and approximately 4,500 sq. ft. of concrete sidewalks.

7232
23412
4500
35,144
.81ac.

## *STORMWATER FACILITIES:*

All calculations are provided in the attached package. The stormwater facility (SWF) has been designed to treat the first ½ inch of runoff across the entire 2.17-acre drainage basin, which equals approximately 3,933 cubic feet of water. The pond outfall has been designed to not discharge before elevation 75.0 to provide the required treatment volume. Treatment is provided via a sand filter located in the bank of the SWF. The sand filter is designed to release the treatment volume within 33.9 hours.

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## POND VOLUME/TREATMENT VOLUME/SLOT INVERT CALCULATIONS
## WASHINGTON COUNTY LIBRARY

**TREATMENT AREA (sf):** **94,406.00** **2.17 Acres**
**OVER A DEPTH OF (inches):** **0.5**

| ELEV | AREA (Ac) | AREA (sf) | INC. VOLUME(cf) | ELEV vs. VOLUME(cf) |
|---|---|---|---|---|
| 74 | 0.086707989 | 3,777.00 | 0.00 | 0.00 |
| 75 | 0.105578512 | 4,599.00 | 4,188.00 | 4,188.00 |

2.17 x 1815 = 3939

**TOTAL (cf)** **4,188.00**

**REQUIRED TREATMENT VOLUME(cf):** **3,933.58**
**ELEVATION OF SLOT INVERT:** **74.94**

REVISED: 04/11/00

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BRANCH OFFICE

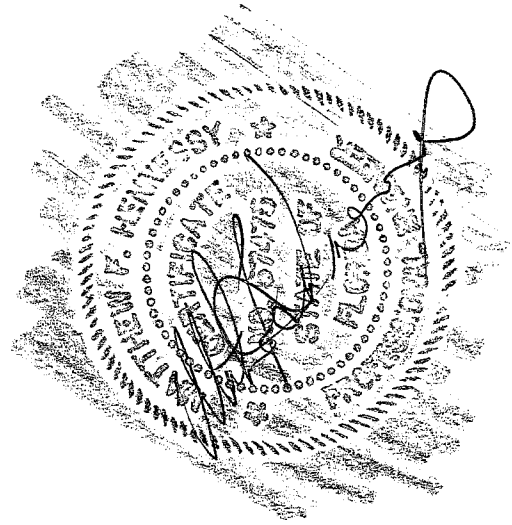
MATTHEW P. HEARN
CERTIFICATE NO. 62
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Project Name: Washington County Library Calculation Date: 28-Sep-01
Print Date: 28-Sep-01

Project No.: CRA01WCL

Pond Location: CHIPLEY, FLORIDA
Pond Side Slopes: 3 to 1 Bank Filter

Calculations are based upon procedures outlined in the Florida Development Manual, section six, for bank filtration systems.



| Design Parameters | | |
|---|---|---|
| Permeability "K" | 2.5 | ft./hr. |
| Length of Sand Filter | 100 | ft. |
| Width of Sand Filter | N/A | ft. |
| Bottom Elevation of Sand Filter | 73 | ft |

| Increment | Storage Volume (ft3) | Storage (ft3) | Horizontal Distance "Delta D" (ft) | Change in Elev. per Increment "y" | Hydraulic Gradient "i' (ft/ft) | Hydraulic Cond. "K" (ft/hr) | Avg. Discharge Area (ft2) | Instantaneous Discharge Q (cfh) | Avg. Discharge per inc. Q | Drawdown Time hr. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.00 | 3933 | 3933 | 1.36 | 1.69 | 1.00 | 2.5 | 84.5 | 211.25 | 112.45 | 34.9756 |
| 2.00 | 0 | | 4.36 | 0.69 | 0.16 | 2.5 | 34.5 | 13.64965596 | | |
| | | | | | | | | Summation of Time: | | 34.9756 |

National Flood Insurance Program

# Elevation Certificate

## and Instructions

**2023 EDITION**

FEMA

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

OMB Control No. 1660-0008
Expiration Date: 06/30/2026

# ELEVATION CERTIFICATE AND INSTRUCTIONS

## PAPERWORK REDUCTION ACT NOTICE

Public reporting burden for this data collection is estimated to average 3.75 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and submitting this form. You are not required to respond to this collection of information unless a valid OMB control number is displayed on this form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, Department of Homeland Security, Federal Emergency Management Agency, 500 C Street SW, Washington, DC 20742, Paperwork Reduction Project (1660-0008). **NOTE: Do not send your completed form to this address.**

## PRIVACY ACT STATEMENT

**Authority:** Title 44 CFR § 61.7 and 61.8.

**Principal Purpose(s):** This information is being collected for the primary purpose of documenting compliance with National Flood Insurance Program (NFIP) floodplain management ordinances for new or substantially improved structures in designated Special Flood Hazard Areas. This form may also be used as an optional tool for a Letter of Map Amendment (LOMA), Conditional LOMA (CLOMA), Letter of Map Revision Based on Fill (LOMR-F), or Conditional LOMR-F (CLOMR-F), or for flood insurance rating purposes in any flood zone.

**Routine Use(s):** The information on this form may be disclosed as generally permitted under 5 U.S.C. § 552a(b) of the Privacy Act of 1974, as amended. This includes using this information as necessary and authorized by the routine uses published in DHS/ FEMA-003 – *National Flood Insurance Program Files System of Records Notice* 79 Fed. Reg. 28747 (May 19, 2014) and upon written request, written consent, by agreement, or as required by law.

**Disclosure:** The disclosure of information on this form is voluntary; however, failure to provide the information requested may impact the flood insurance premium through the NFIP. Information will only be released as permitted by law.

## PURPOSE OF THE ELEVATION CERTIFICATE

The Elevation Certificate is an important administrative tool of the NFIP. It can be used to provide elevation information necessary to ensure compliance with community floodplain management ordinances, to inform the proper insurance premium, and to support a request for a LOMA, CLOMA, LOMR-F, or CLOMR-F.

The Elevation Certificate is used to document floodplain management compliance for Post-Flood Insurance Rate Map (FIRM) buildings, which are buildings constructed after publication of the FIRM, located in flood Zones A1–A30, AE, AH, AO, A (with Base Flood Elevation (BFE)), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO, and A99. It may also be used to provide elevation information for Pre-FIRM buildings or buildings in any flood zone.

As part of the agreement for making flood insurance available in a community, the NFIP requires the community to adopt floodplain management regulations that specify minimum requirements for reducing flood losses. One such requirement is for the community to obtain the elevation of the lowest floor (including basement) of all new and substantially improved buildings, and maintain a record of such information. The Elevation Certificate provides a way for a community to document compliance with the community's floodplain management ordinance.

Use of this certificate does not provide a waiver of the flood insurance purchase requirement. Only a LOMA or LOMR-F from the Federal Emergency Management Agency (FEMA) can amend the FIRM and remove the federal mandate for a lending institution to require the purchase of flood insurance. However, the lending institution has the option of requiring flood insurance even if a LOMA/LOMR-F has been issued by FEMA. The Elevation Certificate may be used to support a LOMA, CLOMA, LOMR-F, or CLOMR-F request. Lowest Adjacent Grade (LAG) elevations certified by a land surveyor, engineer, or architect, as authorized by state law, will be required if the certificate is used to support a LOMA, CLOMA, LOMR-F, or CLOMR-F request. A LOMA, CLOMA, LOMR-F, or CLOMR-F request must be submitted with either a completed FEMA MT-EZ or MT-1 application package, whichever is appropriate. If the certificate will only be completed to support a LOMA, CLOMA, LOMR-F, or CLOMR-F request, there is an option to document the certified LAG elevation on the Elevation Form included in the MT-EZ and MT-1 application.

This certificate is used only to certify building elevations. A separate certificate is required for floodproofing. Under the NFIP, non-residential buildings can be floodproofed up to or above the BFE. A floodproofed building is a building that has been designed and constructed to be watertight (substantially impermeable to floodwaters) below the BFE. Floodproofing of residential buildings is not permitted under the NFIP unless FEMA has granted the community an exception for residential floodproofed basements. The community must adopt standards for design and construction of floodproofed basements before FEMA will grant a basement exception. For both floodproofed non-residential buildings and residential floodproofed basements in communities that have been granted an exception by FEMA, a floodproofing certificate is required.

The expiration date on the form herein does not apply to certified and completed Elevation Certificates, as a completed Elevation Certificate does not expire, unless there is a physical change to the building that invalidates information in Section A Items A8 or A9, Section C, Section E, or Section H. In addition, this form is intended for the specific building referenced in Section A and is not invalidated by the transfer of building ownership.

Additional guidance can be found in FEMA Publication 467-1, *Floodplain Management Bulletin: Elevation Certificate*.

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

OMB Control No. 1660-0008
Expiration Date: 06/30/2026

# ELEVATION CERTIFICATE

**IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11**

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

## SECTION A – PROPERTY INFORMATION

**FOR INSURANCE COMPANY USE**

Policy Number:

Company NAIC Number:

A1. Building Owner's Name: City of Chipley

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 1444 W Jackson Avenue

City: Chipley State: FL ZIP Code: 32428

A3. Property Description (e.g., Lot and Block Numbers or Legal Description) and/or Tax Parcel Number: Parcel #00000000-00-2005-0000

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.): Non-Residential; Public Library

A5. Latitude/Longitude: Lat. 30°46'37.79" Long. 85°33'14.24" Horiz. Datum: ☐ NAD 1927 ☒ NAD 1983 ☐ WGS 84

A6. Attach at least two and when possible four clear color photographs (one for each side) of the building (see Form pages 7 and 8).

A7. Building Diagram Number: 1A

A8. For a building with a crawlspace or enclosure(s):

a) Square footage of crawlspace or enclosure(s): N/A sq. ft.

b) Is there at least one permanent flood opening on two different sides of each enclosed area? ☐ Yes ☐ No ☒ N/A

c) Enter number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade:
Non-engineered flood openings: N/A Engineered flood openings: N/A

d) Total net open area of non-engineered flood openings in A8.c: N/A sq. in.

e) Total rated area of engineered flood openings in A8.c (attach documentation – see Instructions): N/A sq. ft.

f) Sum of A8.d and A8.e rated area (if applicable – see Instructions): N/A sq. ft.

A9. For a building with an attached garage:

a) Square footage of attached garage: N/A sq. ft.

b) Is there at least one permanent flood opening on two different sides of the attached garage? ☐ Yes ☐ No ☒ N/A

c) Enter number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade:
Non-engineered flood openings: N/A Engineered flood openings: N/A

d) Total net open area of non-engineered flood openings in A9.c: N/A sq. in.

e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions): N/A sq. ft.

f) Sum of A9.d and A9.e rated area (if applicable – see Instructions): N/A sq. ft.

## SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1.a. NFIP Community Name: City of Chipley B1.b. NFIP Community Identification Number: 120325

B2. County Name: Washington B3. State: FL B4. Map/Panel No.: 0070 B5. Suffix: D

B6. FIRM Index Date: 07/04/2011 B7. FIRM Panel Effective/Revised Date: 07/04/2011

B8. Flood Zone(s): A B9. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth): 79.7

B10. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:
☐ FIS ☐ FIRM ☐ Community Determined ☒ Other: Local Drainage Study - Griffin Road Drainage Improvements

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source:

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date: ☐ CBRS ☐ OPA

B13. Is the building located seaward of the Limit of Moderate Wave Action (LiMWA)? ☒ Yes ☐ No

# ELEVATION CERTIFICATE

**IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11**

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 1444 W Jackson Avenue

City: Chipley State: FL ZIP Code: 32428

**FOR INSURANCE COMPANY USE**

Policy Number:

Company NAIC Number:

## SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☒ Construction Drawings* ☐ Building Under Construction* ☐ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1–A30, AE, AH, AO, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO, A99. Complete Items C2.a–h below according to the Building Diagram specified in Item A7. In Puerto Rico only, enter meters.
Benchmark Utilized: Chipley RM1 Vertical Datum: NAVD 88

Indicate elevation datum used for the elevations in items a) through h) below.
☐ NGVD 1929 ☒ NAVD 1988 ☐ Other:

Datum used for building elevations must be the same as that used for the BFE. Conversion factor used? ☐ Yes ☒ No
If Yes, describe the source of the conversion factor in the Section D Comments area.

| | | Check the measurement used: |
|---|---|---|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor): | 81.73 | ☒ feet ☐ meters |
| b) Top of the next higher floor (see Instructions): | N/A | ☐ feet ☐ meters |
| c) Bottom of the lowest horizontal structural member (see Instructions): | N/A | ☐ feet ☐ meters |
| d) Attached garage (top of slab): | N/A | ☐ feet ☐ meters |
| e) Lowest elevation of Machinery and Equipment (M&E) servicing the building (describe type of M&E and location in Section D Comments area): | 81.73 | ☒ feet ☐ meters |
| f) Lowest Adjacent Grade (LAG) next to building: ☐ Natural ☒ Finished | 81.06 | ☐ feet ☐ meters |
| g) Highest Adjacent Grade (HAG) next to building: ☐ Natural ☒ Finished | 81.73 | ☐ feet ☐ meters |
| h) Finished LAG at lowest elevation of attached deck or stairs, including structural support: | N/A | ☐ feet ☐ meters |

## SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by state law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No

☐ Check here if attachments and describe in the Comments area.

Certifier's Name: Bryce Brasher, P.S.M. License Number: LS7601

Title: Project Manager

Company Name: GeoPoint

Address: 67 Joe Campbell Road

City: Freeport State: FL ZIP Code: 32439

Telephone: (850) 740-0650 Ext.: Email: bryceb@geopointsurvey.com

Signature: Date: 09/08/2025

Place Seal Here

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including source of conversion factor in C2; type of equipment and location per C2.e; and description of any attachments):
A5.) AutoCAD conversion from Survey in State Plane Florida North, NAD83-2011 Adjustment
B9-10.) Drainage Study done by Melvin Engineering.
C2.) NGS Benchmark "Chipley RM1" with an elevation of 109.88'
C2e.) All Equipment Pads for building service to be built at 81.73'. (Per Plans)

# ELEVATION CERTIFICATE

**IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11**

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 1444 W Jackson Avenue

City: Chipley State: FL ZIP Code: 32428

**FOR INSURANCE COMPANY USE**

Policy Number:

Company NAIC Number:

## SECTION E – BUILDING MEASUREMENT INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO, ZONE AR/AO, AND ZONE A (WITHOUT BFE)

For Zones AO, AR/AO, and A (without BFE), complete Items E1–E5. For Items E1–E4, use natural grade, if available. If the Certificate is intended to support a Letter of Map Change request, complete Sections A, B, and C. Check the measurement used. In Puerto Rico only, enter meters.

Building measurements are based on: ☒ Construction Drawings* ☐ Building Under Construction* ☐ Finished Construction

*A new Elevation Certificate will be required when construction of the building is complete.

E1. Provide measurements (C.2.a in applicable Building Diagram) for the following and check the appropriate boxes to show whether the measurement is above or below the natural HAG and the LAG.

a) Top of bottom floor (including basement, crawlspace, or enclosure) is: 0.00 ☒ feet ☐ meters ☒ above or ☐ below the HAG.

b) Top of bottom floor (including basement, crawlspace, or enclosure) is: 0.67 ☒ feet ☐ meters ☒ above or ☐ below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (C2.b in applicable Building Diagram) of the building is: N/A ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is: N/A ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is: 0.00 ☒ feet ☐ meters ☒ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☒ Unknown The local official must certify this information in Section G.

## SECTION F – PROPERTY OWNER (OR OWNER'S AUTHORIZED REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without BFE) or Zone AO must sign here. *The statements in Sections A, B, and E are correct to the best of my knowledge*

☐ Check here if attachments and describe in the Comments area.

Property Owner or Owner's Authorized Representative Name: Patrice Tanner - City Administrator

Address: 1442 W Jackson Ave

City: Chipley State: FL ZIP Code: 32428

Telephone: (850) 638-6350 Ext.: Email: ptanner@cityofchipley.com

Signature: Date:

Comments:

# ELEVATION CERTIFICATE

**IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11**

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 1444 W Jackson Avenue

City: Chipley State: FL ZIP Code: 32428

**FOR INSURANCE COMPANY USE**

Policy Number: _____

Company NAIC Number: _____

## SECTION G – COMMUNITY INFORMATION (RECOMMENDED FOR COMMUNITY OFFICIAL COMPLETION)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign below when:

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2.a. ☐ A local official completed Section E for a building located in Zone A (without a BFE), Zone AO, or Zone AR/AO, or when item E5 is completed for a building located in Zone AO.

G2.b. ☐ A local official completed Section H for insurance purposes.

G3. ☐ In the Comments area of Section G, the local official describes specific corrections to the information in Sections A, B, E and H.

G4. ☐ The following information (Items G5–G11) is provided for community floodplain management purposes.

G5. Permit Number: _____ G6. Date Permit Issued: _____

G7. Date Certificate of Compliance/Occupancy Issued: _____

G8. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G9.a. Elevation of as-built lowest floor (including basement) of the building: _____ ☐ feet ☐ meters Datum: _____

G9.b. Elevation of bottom of as-built lowest horizontal structural member: _____ ☐ feet ☐ meters Datum: _____

G10.a. BFE (or depth in Zone AO) of flooding at the building site: _____ ☐ feet ☐ meters Datum: _____

G10.b. Community's minimum elevation (or depth in Zone AO) requirement for the lowest floor or lowest horizontal structural member: _____ ☐ feet ☐ meters Datum: _____

G11. Variance issued? ☐ Yes ☐ No If yes, attach documentation and describe in the Comments area.

The local official who provides information in Section G must sign here. *I have completed the information in Section G and certify that it is correct to the best of my knowledge. If applicable, I have also provided specific corrections in the Comments area of this section.*

Local Official's Name: _____ Title: _____

NFIP Community Name: _____

Telephone: Ext.: _____ Email: _____

Address: _____

City: _____ State: _____ ZIP Code: _____

Signature: _____ Date: _____

Comments (including type of equipment and location, per C2.e; description of any attachments; and corrections to specific information in Sections A, B, D, E, or H):

# ELEVATION CERTIFICATE

**IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11**

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 1444 W Jackson Avenue

City: Chipley State: FL ZIP Code: 32428

**FOR INSURANCE COMPANY USE**

Policy Number:

Company NAIC Number:

## SECTION H – BUILDING'S FIRST FLOOR HEIGHT INFORMATION FOR ALL ZONES (SURVEY NOT REQUIRED) (FOR INSURANCE PURPOSES ONLY)

The property owner, owner's authorized representative, or local floodplain management official may complete Section H for all flood zones to determine the building's first floor height for insurance purposes. Sections A, B, and I must also be completed. Enter heights to the nearest tenth of a foot (nearest tenth of a meter in Puerto Rico). ***Reference the Foundation Type Diagrams (at the end of Section H Instructions) and the appropriate Building Diagrams (at the end of Section I Instructions) to complete this section.***

H1. Provide the height of the top of the floor (as indicated in Foundation Type Diagrams) above the Lowest Adjacent Grade (LAG):

a) **For Building Diagrams 1A, 1B, 3, and 5–8.** Top of bottom floor (include above-grade floors only for buildings with crawlspaces or enclosure floors) is: 0.67 ☒ feet ☐ meters ☒ above the LAG

b) **For Building Diagrams 2A, 2B, 4, and 6–9.** Top of next higher floor (i.e., the floor above basement, crawlspace, or enclosure floor) is: N?A ☐ feet ☐ meters ☐ above the LAG

H2. Is **all** Machinery and Equipment servicing the building (as listed in Item H2 instructions) elevated to or above the floor indicated by the H2 arrow (shown in the Foundation Type Diagrams at end of Section H instructions) for the appropriate Building Diagram?

☐ Yes ☐ No

## SECTION I – PROPERTY OWNER (OR OWNER'S AUTHORIZED REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and H must sign here. *The statements in Sections A, B, and H are correct to the best of my knowledge.* **Note:** If the local floodplain management official completed Section H, they should indicate in Item G2.b and sign Section G.

☐ Check here if attachments are provided (including required photos) and describe each attachment in the Comments area.

Property Owner or Owner's Authorized Representative Name: Patrice Tanner - City Administrator

Address: 1442 Jackson Avenue

City: Chipley State: FL ZIP Code: 32446

Telephone: (850) 638-6235 Ext.: Email: ptanner@cityofchipley.com

Signature: Date:

Comments:

# ELEVATION CERTIFICATE

**IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11**

## BUILDING PHOTOGRAPHS

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.:
1444 W Jackson Avenue

City: Chipley State: FL ZIP Code: 32428

**FOR INSURANCE COMPANY USE**

Policy Number: _____

Company NAIC Number: _____

Instructions: Insert below at least two and when possible four photographs showing each side of the building (for example, may only be able to take front and back pictures of townhouses/rowhouses). Identify all photographs with the date taken and "Front View," "Rear View," "Right Side View," or "Left Side View." Photographs must show the foundation. When flood openings are present, include at least one close-up photograph of representative flood openings or vents, as indicated in Sections A8 and A9.

Photo One

Photo One Caption:

Clear Photo One

Photo Two

Photo Two Caption:

Clear Photo Two

# ELEVATION CERTIFICATE

**IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11**

## BUILDING PHOTOGRAPHS

Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.:
1444 W Jackson Avenue

City: Chipley State: FL ZIP Code: 32428

**FOR INSURANCE COMPANY USE**

Policy Number: _____

Company NAIC Number: _____

Insert the third and fourth photographs below. Identify all photographs with the date taken and "Front View," "Rear View," "Right Side View," or "Left Side View." When flood openings are present, include at least one close-up photograph of representative flood openings or vents, as indicated in Sections A8 and A9.

Photo Three

Photo Three Caption:

Clear Photo Three

Photo Four

Photo Four Caption:

Clear Photo Four

DHM Melvin Engineering

# TRAFFIC IMPACT ANALYSIS

**To:** File / City of Chipley
**From:** Brent E. Melvin, P.E., DHM, Inc.
**Date:** 09/05/2025
**Subject:** Traffic Impact Analysis – Chipley Public Library Expansion

---

## Project Overview

The project expands the existing 7,200 SF public library to 12,700 SF (net +5,500 SF). Trip generation is based on ITE LU 590 using fitted-curve daily rates and the peak-hour values provided.

## Study Segment & Existing Conditions

Facility: US-90 / SR-10 (FDOT Roadway ID 61010000, Segment ID 31521)
Begin/End MP: 16.791 to 17.540 (Length 0.749 mi)
Area Type: RU – Rural Undeveloped | Context Class: C3C – Suburban Commercial
Facility Type: H – Highway | SHS: On-System | SIS: Not SIS
LOS Target: C | Base Year: 2023
Base Volumes & Service Volumes (FDOT):
AADT (Base): 5,600 | MSV Daily (LOS C): 30,700 | LOS Daily: C
Peak Hour (Two-way) Volume (Base): 532 | MSV PH (LOS C): 2,760 | LOS PH: C
Peak Directional Volume (Base): 292 | MSV Peak Dir (LOS C): 1,520 | LOS Peak Dir: C

Lanes / Cross-section at east library entrance: 4 lanes with a center two-way left-turn lane (TWLTL) allowing full-movement access

## Trip Generation Summary (ITE LU 590)

*Daily (ADT)*
Existing 7.2 kSF: 510 (≈ 255 in / 255 out, 50/50)
Proposed 12.7 kSF: Fitted Curve: 894 (447 in / 447 out, 50/50)
Net Change: +384 ADT (≈ +192 in / +192 out)

*AM Peak Hour*
Existing 7.2 kSF: 75 total (37 in / 38 out)
Proposed 12.7 kSF: 77 total (38 in / 39 out)
Net Change: +2 total (+1 in / +1 out)

*PM Peak Hour*
Existing 7.2 kSF: 62 total (32 in / 30 out)
Proposed 12.7 kSF: 108 total (56 in / 52 out)
Net Change: +46 total (+24 in / +22 out)

Assumptions: Daily directional split 50% enter / 50% exit; peak-hour splits as shown.

## Trip Assignment & Access

Project trips will utilize the east entrance on US-90, which is served by a TWLTL. The center turn lane provides storage and separation for left-turn movements, limiting friction to through traffic. No auxiliary lane modifications are warranted based on the modest net peak-hour increase.

**Segment Capacity / Level of Service (LOS) Assessment**

*Daily (Segment-wide)*
Post-Project AADT: 5,600 + 384 = 5,984
v/c (Daily) vs. MSV 30,700:
Base: 5,600 / 30,700 = 0.18 (≈ 18.2% of MSV)
With Project: 5,984 / 30,700 = 0.19 (≈ 19.5% of MSV)
Change: +0.013 v/c (≈ +1.3 percentage points)
Perspective: Net +384 ADT = +6.9% over the base AADT, yet only ~1.3% of the MSV.

*PM Peak Hour (Two-way)*

Post-Project PH Volume: 532 + 46 = 578
v/c (PH) vs. MSV 2,760:
Base: 532 / 2,760 = 0.193 (≈ 19.3%)
With Project: 578 / 2,760 = 0.209 (≈ 20.9%)
Change: +0.017 v/c (≈ +1.7 percentage points)

*PM Peak Hour (Directional) – conservative worst-case*

Assigning the entire +46 PM peak trips to the peak direction (worst case):

Post-Project Peak-Dir Volume: 292 + 46 = 338
v/c (Peak-Dir) vs. MSV 1,520:
Base: 292 / 1,520 = 0.192 (≈ 19.2%)
With Project: 338 / 1,520 = 0.222 (≈ 22.2%)
Change: +0.030 v/c (≈ +3.0 percentage points)

Result: In all cases, volumes remain well below LOS C MSVs, and the segment remains LOS C or better.

**Findings & Conclusion**

The expansion from 7.2 kSF to 12.7 kSF yields modest net increases (+384 ADT, +2 AM PH, +46 PM PH). Relative to FDOT MSV thresholds for US-90 (Segment 31521), the resulting daily, peak-hour, and peak-directional v/c ratios remain low (≈ 19–22% of MSV post-project).

With US-90 operating as a four-lane facility and a TWLTL present at the east entrance, and with two site driveways connected by a looped driveway, access operations are accommodated without materially affecting through traffic.

**Conclusion**: **The proposed expansion will not impact the level of service of US-90. No off-site capacity improvements are indicated based on segment-level MSV comparisons and the project trip assignment.**

---

**Brent E. Melvin, P.E.**
Project Engineer
DHM, Inc

**Drainage Calculations for**
**Griffin Road Drainage Improvements (CHI22SW)**

Prepared for:

Melvin Engeering
4428 Lafayette Street
Marianna FL 32446

Prepared by:

Clearview Land Design, PL
3010 W Azeele Street
Suite 150
Tampa, FL 33609
(813) 223-3919

This report submitted to Melvin Engineering, titled Drainage Calculations for Griffin Road Box Culvert (CHI22SW), has been prepared by or under the supervision of the undersigned:

Matthew Goolsby, Professional Engineer,
State of Florida, License No. 79321

This item has been digitally signed and sealed by Matthew Goolsby, PE, on 06/19/2025

Printed copies of this document are not considered signed and sealed and signature must be verified on electronic copies.

Matthew Goolsby, PE, CFM, ENV SP
FL Registration No. 79321

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# 1.0 INTRODUCTION

## 1.1 Background

The City of Chipley has experienced serious and repeated flooding issues in specific areas around the City, with the vulnerable areas being further highlighted by Hurricanes Michael in 2018 and Sally in 2020. Several commercial and residential buildings within the City have suffered flood damage. Additionally, essential services and critical facilities were adversely impacted by these storms, including first responders and City Hall.

Melving Engineering (DHM) recently completed a Citywide Stormwater Drainage Study for the City of Chipley. This study required Identifying project alternatives to reduce or prevent flooding in the downtown area of the City of Chipley and developing a preliminary engineering report (PER). The top recommendation from this study was the Griffin Road Drainage Improvement project. This project is intended to provide adequate conveyance capacity across Griffin Road, and reduce flood stages upstream, which includes the Washington County Library, Chipley City Hall, Chipley Fire station, and other public and commercial facilities. The following drainage report contains the relevant drainage information and calculations to support the permitting and implementation of this project.

## 1.2 Purpose and Scope

The project proposes to improve conveyance across Griffin Road located on Griffin Road between North Railroad Avenue and Jackson Avenue (aka SR 10/Highway 90). This project consists of adjusting the ditch alignment upstream and downstream of griffin road and upsizing the existing 10-foot by 7-foot concrete box culvert under Griffin Road to two 10-foot by 7-foot concrete box culverts. The culvert crossings has been determined to be undersized to adequately convey flows for events at or above the 5-year, 24-hour storm.

# 2.0 EXISTING CONDITIONS

## 2.1 Data Collection

There is no existing model for the City of Chipley. Therefore, a model was developed in StormWise to represent the drainage area through the project location and out to Alligator Creek. This included collecting the NRCS Soils information, Florida Land Use (FLUCCS) information, USGS Topographic Information, and existing Flood Insurance Study (FIS) model data for Alligator Creek. All relevant figures are included in **Appendix A**.

## 2.2 Drainage System Description

The drainage area to Griffin Road culvert is approximately 667 acres, mostly within the City of Chipley. The upstream contributing area is mostly residential and institutional development and mostly hydrologic soil group C and Dual classification (B/D & C/D). The contributing area includes a number of culvert crossings before reaching the Griffin Road ditch system, where it exits the

City limits before crossing Griffin Road, followed by a private access roadway culvert, and then continues along the ditch system to the Florida Gulf & Atlantic Railroad Trestle before it reaches the confluence with Alligator Creek.

### 2.3 Model Development

The existing conditions model was developed using StormWise (formerly ICPR4) and consists of 14 basins, 18 nodes, and 28 links. The link type breakdown is 12 pipes, 5 channels, and 9 weirs. The outfall time-stage boundary for each event represents estimated stage downstream of the trestle using the Alligator Creek FIS Flood Profile. The basin delineation, time of concentration, node stage-area storage curves and overland weirs were derived from the USGS hi-resolution LiDAR product. The curve number (CN) values were derived from land use and soil classification within each basin. The summary of CN calculations are included in **Appendix B.** The existing conditions model (ECM) input and output reports are included in **Appendix C**.

## 3.0 POST- PROJECT CONDITIONS

The post project conditions model is a copy of the existing conditions model, with the only changes being adding a double 10-foot by 7-foot concrete box culvert and the minor ditch adjustments immediately upstream and downstream of the culvert associated with the new culvert. The existing 10-foot by 7-foot concrete box culvert will remain. The proposed conditions model (PCM) input and output reports are included in **Appendix D**.

## 4.0 RESULTS

### 4.1 Stage Comparisons

*Table 1. Model Peak Stage Results Summary (NAVD88)*

| Node | 2YR24HR | | | 025YR24HR | | | 100YR24HR | | |
|---|---|---|---|---|---|---|---|---|---|
| | Pre Max Stage [ft] | Post Max Stage [ft] | Diff [ft] | Pre Max Stage [ft] | Post Max Stage [ft] | Diff [ft] | Pre Max Stage [ft] | Post Max Stage [ft] | Diff [ft] |
| N10000TS | 68.70 | 68.70 | 0.00 | 71.60 | 71.60 | 0.00 | 73.30 | 73.30 | 0.00 |
| N10004 | 71.43 | 71.60 | 0.17 | 72.41 | 72.52 | 0.11 | 73.79 | 74.02 | 0.23 |
| N10005 | 73.54 | 73.77 | 0.23 | 75.23 | 75.45 | 0.22 | 76.59 | 77.04 | 0.45 |
| N10006 | 78.24 | 78.24 | 0.00 | 79.40 | 79.40 | 0.00 | 80.15 | 79.87 | -0.28 |
| N10010 | 75.32 | 75.47 | 0.15 | 77.92 | 78.08 | 0.16 | 78.38 | 78.62 | 0.24 |
| N10015 | 75.42 | 75.49 | 0.07 | 77.95 | 78.09 | 0.14 | 78.42 | 78.63 | 0.21 |
| N10020 | 76.00 | 75.55 | -0.45 | 78.53 | 78.16 | -0.37 | 79.65 | 78.90 | -0.75 |
| N10025 | 83.86 | 83.86 | 0.00 | 84.08 | 84.08 | 0.00 | 84.15 | 84.15 | 0.00 |
| N10028 | 77.24 | 77.12 | -0.12 | 78.66 | 78.49 | -0.17 | 79.71 | 79.16 | -0.55 |
| N10030 | 77.57 | 77.50 | -0.07 | 78.91 | 78.88 | -0.03 | 79.73 | 79.44 | -0.29 |

| Node | 2YR24HR | | | 025YR24HR | | | 100YR24HR | | |
|---|---|---|---|---|---|---|---|---|---|
| | Pre Max Stage [ft] | Post Max Stage [ft] | Diff [ft] | Pre Max Stage [ft] | Post Max Stage [ft] | Diff [ft] | Pre Max Stage [ft] | Post Max Stage [ft] | Diff [ft] |
| N10032 | 79.86 | 79.86 | 0.00 | 81.74 | 81.74 | 0.00 | 83.76 | 83.76 | 0.00 |
| N10034 | 94.54 | 94.54 | 0.00 | 95.49 | 95.49 | 0.00 | 95.58 | 95.58 | 0.00 |
| N10036 | 108.39 | 108.39 | 0.00 | 109.15 | 109.15 | 0.00 | 109.69 | 109.69 | 0.00 |
| N10040 | 77.56 | 77.48 | -0.08 | 80.07 | 79.93 | -0.14 | 81.47 | 81.24 | -0.23 |
| N10050 | 81.05 | 81.05 | 0.00 | 83.88 | 83.88 | 0.00 | 84.24 | 84.24 | 0.00 |
| N10060 | 84.51 | 84.51 | 0.00 | 85.77 | 85.77 | 0.00 | 85.93 | 85.93 | 0.00 |
| N10070 | 88.31 | 88.31 | 0.00 | 88.73 | 88.73 | 0.00 | 88.94 | 88.94 | 0.00 |
| N10080 | 96.97 | 96.97 | 0.00 | 97.29 | 97.29 | 0.00 | 97.47 | 97.47 | 0.00 |

## 4.2 Outflow Comparisons

*Table 2. Model Peak Outflow Results Summary (cfs)*

| Node | 2YR 24HR | | | 25YR 24HR | | | 100YR 24HR | | |
|---|---|---|---|---|---|---|---|---|---|
| | Pre Max Outflow [cfs] | Post Max Outflow [cfs] | Diff. [cfs] | Pre Max Outflow [cfs] | Post Max Outflow [cfs] | Diff. [cfs] | Pre Max Outflow [cfs] | Post Max Outflow [cfs] | Diff. [cfs] |
| N10000TS | 0 | 0 | 0 | 252.78 | 252.78 | 0 | 626.34 | 626.34 | 0 |
| N10004 | 349.86 | 390.93 | 41.07 | 671.77 | 716.6 | 44.83 | 1102.36 | 1304.48 | 202.12 |
| N10005 | 336.53 | 373.57 | 37.04 | 645.6 | 693.77 | 48.17 | 1053.93 | 1246.07 | 192.14 |
| N10006 | 153.23 | 153.23 | 0 | 365.53 | 365.52 | -0.01 | 595.44 | 551.4 | -44.04 |
| N10010 | 197.23 | 220.51 | 23.28 | 325.52 | 366.27 | 40.75 | 498.3 | 701.41 | 203.11 |
| N10015 | 196.63 | 228.67 | 32.04 | 323.92 | 553.47 | 229.55 | 493.43 | 742.69 | 249.26 |
| N10020 | 196.68 | 223.43 | 26.75 | 322.68 | 366.42 | 43.74 | 493.19 | 698.61 | 205.42 |
| N10025 | 14.4 | 14.4 | 0 | 32.5 | 32.5 | 0 | 47.45 | 47.45 | 0 |
| N10028 | 226.99 | 231.29 | 4.3 | 388.66 | 399.54 | 10.88 | 455.66 | 473.08 | 17.42 |
| N10030 | 221.08 | 223.52 | 2.44 | 638.27 | 638.06 | -0.21 | 1034.94 | 1037.06 | 2.12 |
| N10032 | 90.12 | 90.12 | 0 | 212.67 | 212.67 | 0 | 308.36 | 308.36 | 0 |
| N10034 | 63.89 | 63.89 | 0 | 176.01 | 176.01 | 0 | 254.42 | 254.42 | 0 |
| N10036 | 10.57 | 10.57 | 0 | 17.97 | 17.97 | 0 | 23.53 | 23.53 | 0 |
| N10040 | 38.23 | 39.15 | 0.92 | 68.02 | 70.32 | 2.3 | 92.62 | 87.71 | -4.91 |
| N10050 | 148.48 | 148.48 | 0 | 531.5 | 531.51 | 0.01 | 820.87 | 820.87 | 0 |
| N10060 | 130.91 | 130.91 | 0 | 467.81 | 467.82 | 0.01 | 712.94 | 712.93 | -0.01 |
| N10070 | 189.69 | 189.69 | 0 | 430.62 | 430.62 | 0 | 619.56 | 619.56 | 0 |

## 4.3 Summary of Results

The hydraulic modeling analysis confirms that the proposed improvements enhance conveyance capacity without transferring flood risk to adjacent properties or infrastructure.

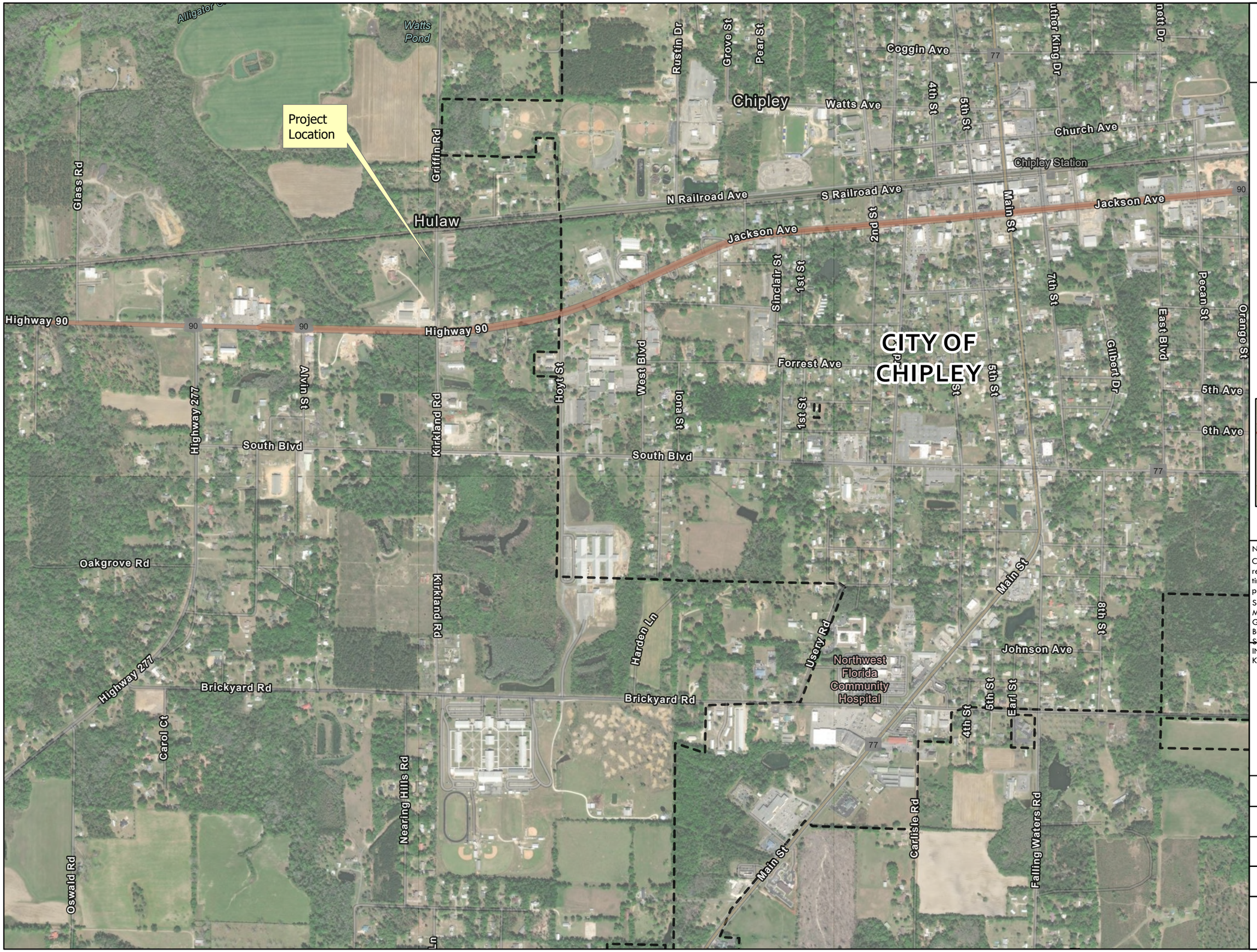
Reported stage increases are confined to Parcel ID 19570000 (HADDEN ROB ROY SR), Parcel ID 19610000 (TOWNBRO LLC), and the Washington County right-of-way alongside Griffin Road. During the 2-year design event, all projected water levels remain within the existing channel banks. Even under the more extreme 25-year and 100-year events, when bankfull elevations are exceeded, the inundation remains strictly within the channel corridor, leaving no structures or other assets affected. All stakeholders have reviewed and accepted these findings: both property owners and Washington County officials have acknowledged that the observed stage changes will not result in negative impacts.

In summary, the model results validate that the project delivers significant benefit to the study area by improving flow conveyance while maintaining the current level of flood protection for private and public assets.

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# APPENDICES

# APPENDIX A
# PROJECT FIGURES

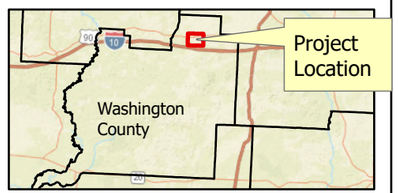



**Clearview LAND DESIGN, P.L.**
3010 W. Azeele Street Suite 150
Tampa, Florida 33609 (813) 223-3919

## Legend

City Limits

Vicinity Map




S: 05 T: 04N R: 13W

Notes:

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Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap

US Feet

0 500 1,000 2,000

FIGURE: PROJECT LOCATION

PROJECT: GRIFFIN ROAD DRAINAGE IMPROVEMENTS

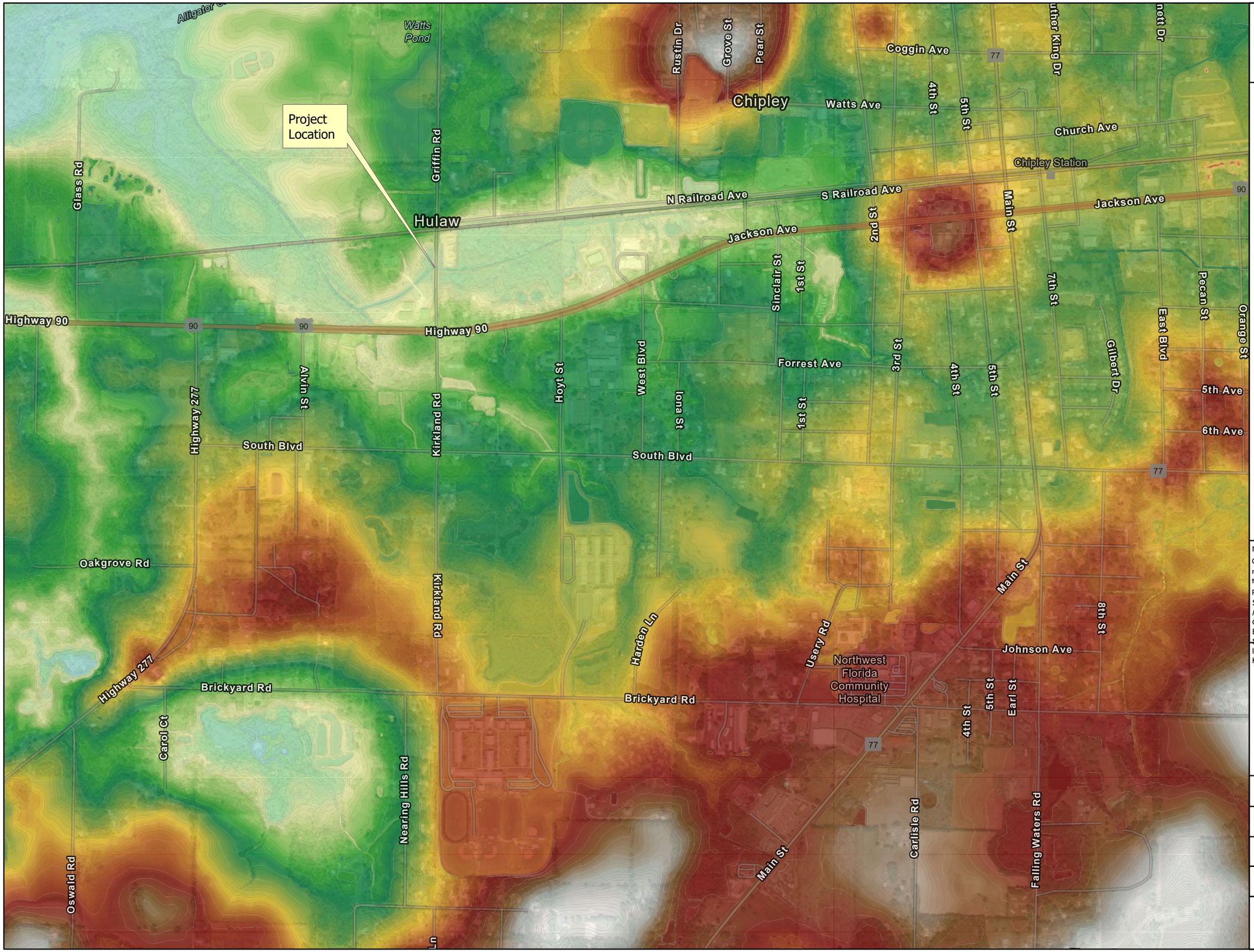
CITY OF CHIPLEY

FILENAME: Chipley_Griffin_ERP

MAP DATE: 5/23/2025

PREPARED BY: MAG

Document Path: P:\Chipley\Griffin Road\GIS\Chipley_Griffin_ERP\Chipley_Griffin_ERP.aprx

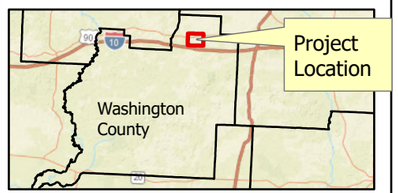



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## Legend

Topography
Elevation Feet
NAVD88
323.256
61.3762

Vicinity Map




S: 05 T: 04N R: 13W

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~~Streets: Sources: Esri, HERE, Garmin, USGS, Intermap,~~ INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap

US Feet
0 500 1,000 2,000

FIGURE: TOPOGRAPHY

PROJECT: GRIFFIN ROAD DRAINAGE IMPROVEMENTS

CITY OF CHIPLEY

FILENAME:
Chipley_Griffin_ERP

MAP DATE:
5/23/2025

PREPARED BY:
MAG

Document Path: P:\Chipley\Griffin Road\GIS\Chipley_Griffin_ERP\Chipley_Griffin_ERP.aprx

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## Legend

Drainage Area

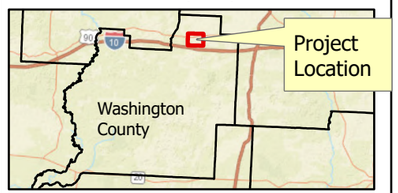
Topography

Elevation Feet
NAVD88

323.256

61.3762

Vicinity Map




S: 05 T: 04N R: 13W

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Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap

US Feet

0 500 1,000 2,000

FIGURE: DRAINAGE AREA

PROJECT: GRIFFIN ROAD DRAINAGE IMPROVEMENTS

CITY OF CHIPLEY

FILENAME:
Chipley_Griffin_ERP

MAP DATE:
5/23/2025

PREPARED BY:
MAG

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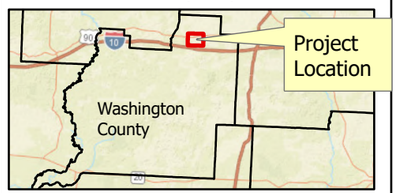
Drainage Area

Soils

HYDRGRP

- A
- B
- B/D
- C
- C/D
- W

Vicinity Map




S: 05 T: 04N R: 13W

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~~Streets: Sources: Esri, HERE, Garmin, USGS, Intermap,~~ INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap

US Feet

0 500 1,000 2,000

FIGURE: SOILS

PROJECT: GRIFFIN ROAD DRAINAGE IMPROVEMENTS

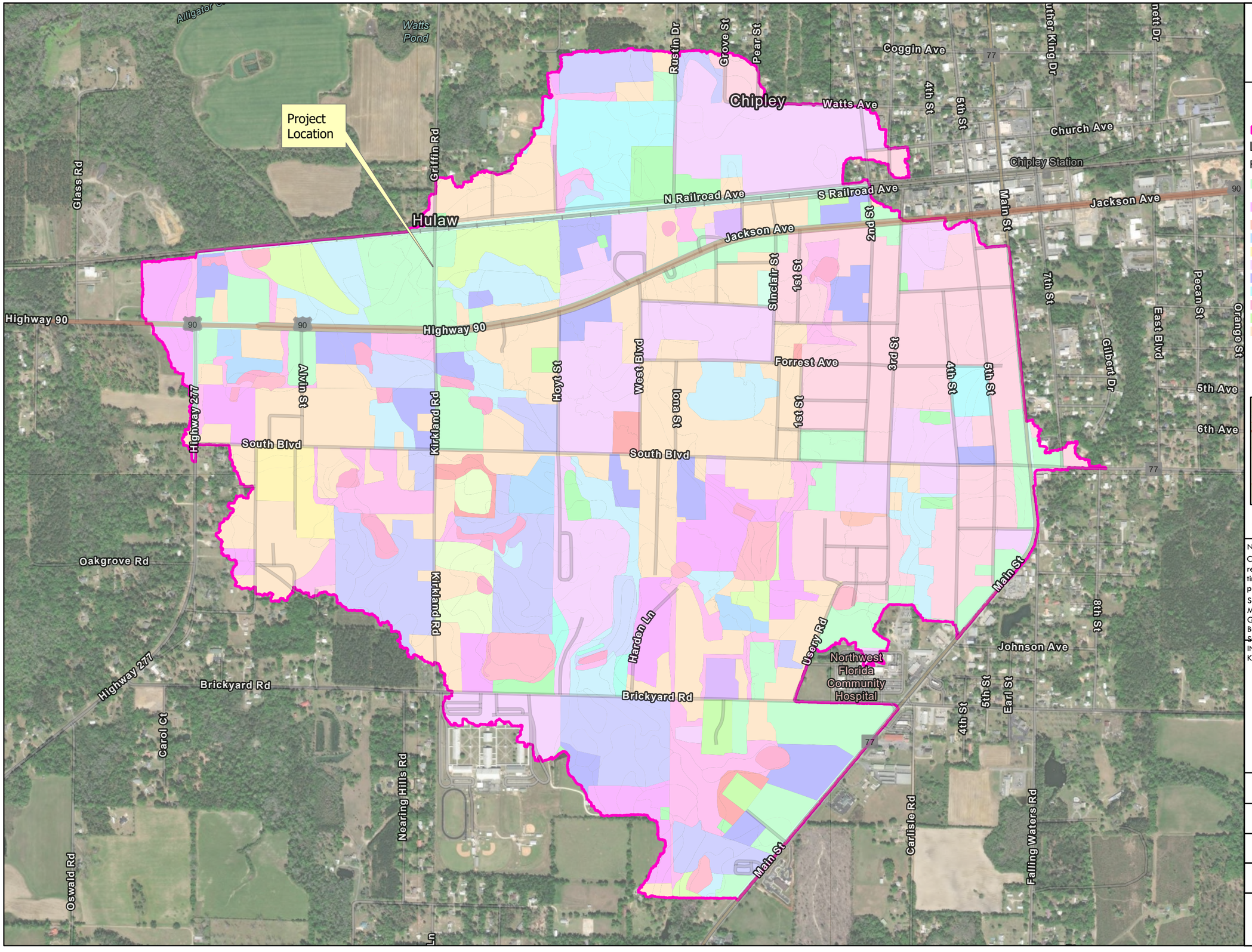
CITY OF CHIPLEY

FILENAME: Chipley_Griffin_ERP

MAP DATE: 5/23/2025

PREPARED BY: MAG

Document Path: P:\Chipley\Griffin Road\GIS\Chipley_Griffin_ERP\Chipley_Griffin_ERP.aprx





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## Legend

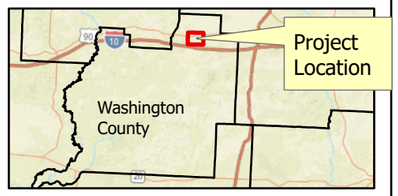
- Drainage Area

Landuse

FLUCSDESC

- Commercial and Services
- Cropland and Pastureland
- Disturbed Lands
- Herbaceous
- Industrial
- Institutional
- Open Land
- Recreational
- Reservoirs
- Residential High Density
- Residential Low Density
- Residential Medium Density
- Shrub and Brushland
- Transportation
- Tree Crops
- Tree Plantations
- Upland Coniferous Forests
- Upland Hardwood Forests
- Upland Mixed Forests
- Utilities
- Vegetated Non-Forested Wetlands
- Wetland Coniferous Forests
- Wetland Forested Mixed
- Wetland Hardwood Forests

Vicinity Map




S: 05 T: 04N R: 13W

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US Feet

0 500 1,000 2,000

FIGURE: LAND USE

PROJECT: GRIFFIN ROAD DRAINAGE IMPROVEMENTS

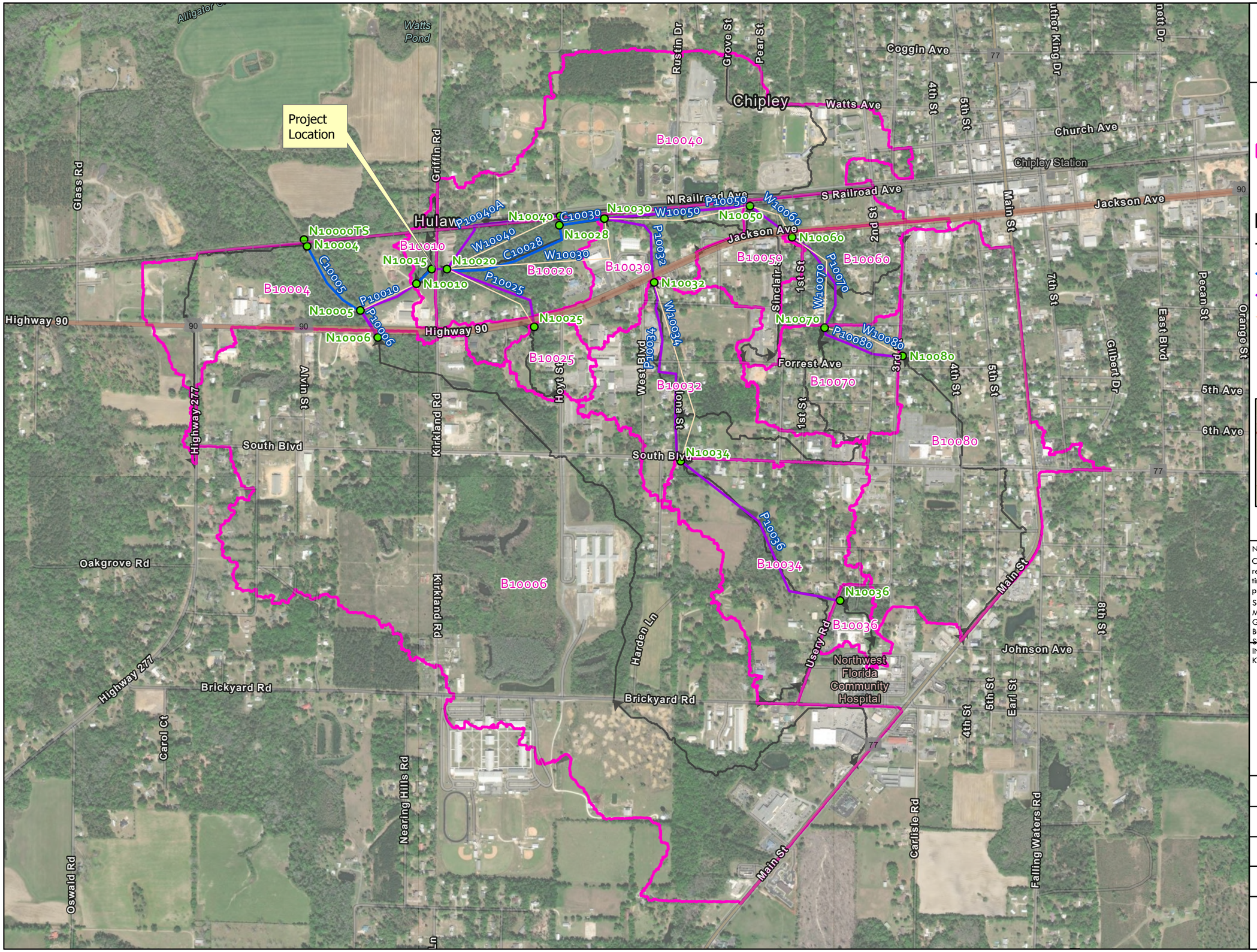
CITY OF CHIPLEY

FILENAME: Chipley_Griffin_ERP

MAP DATE: 5/23/2025

PREPARED BY: MAG

Document Path: P:\Chipley\Griffin Road\GIS\Chipley_Griffin_ERP\Chipley_Griffin_ERP.aprx





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## Legend

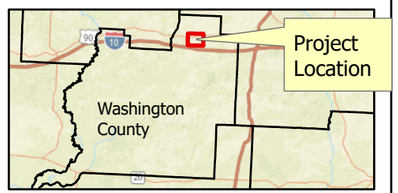
- Basins
- Nodes
- Tc

### Links

Type

- Channel
- Pipe
- Weir

Vicinity Map




S: 05 T: 04N R: 13W

Notes:

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~~Streets: Sources: Esri, HERE, Garmin, USGS, Intermap,~~ INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap

US Feet

0 500 1,000 2,000

FIGURE: MODEL SCHEMATIC

PROJECT: GRIFFIN ROAD DRAINAGE IMPROVEMENTS

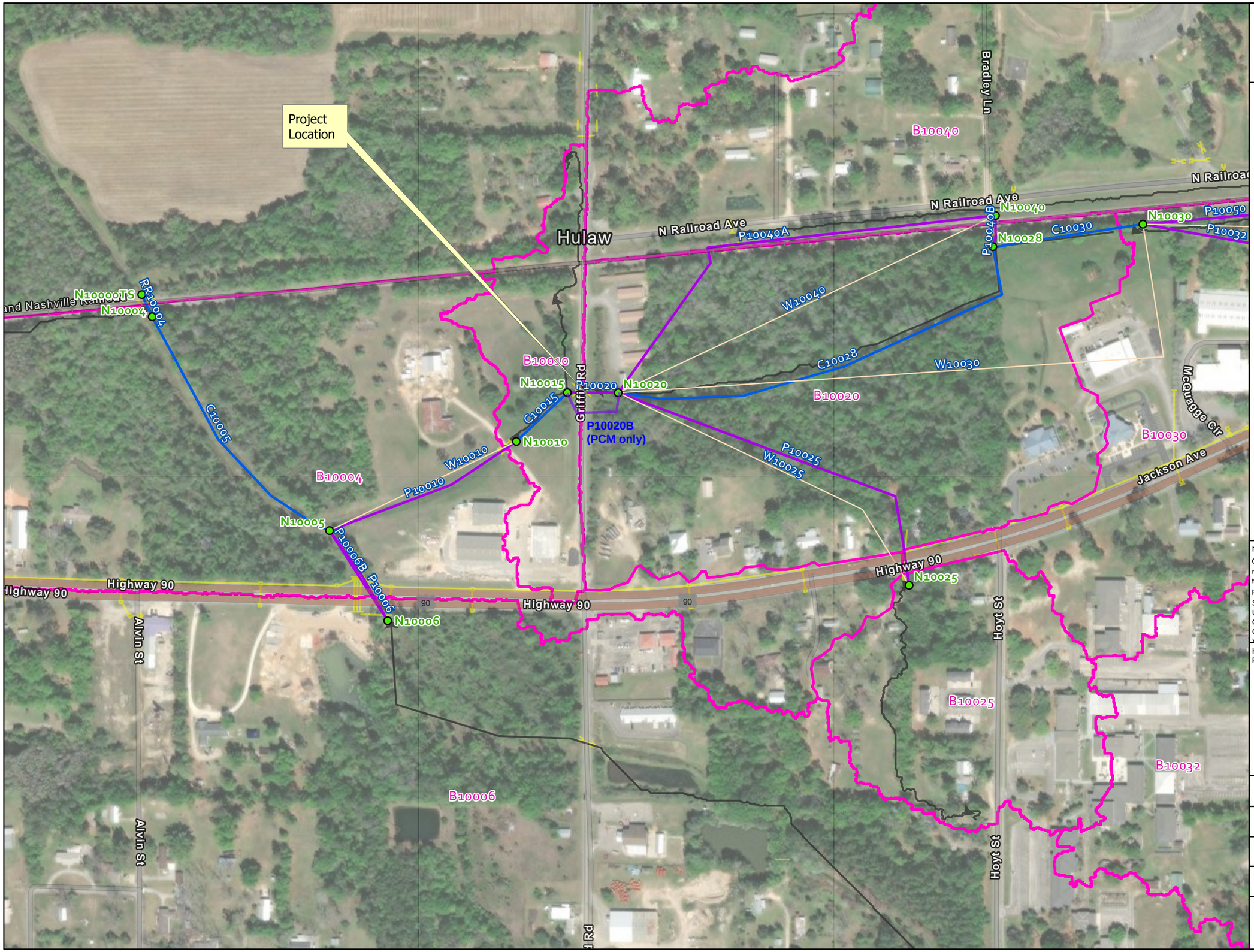
CITY OF CHIPLEY

FILENAME: Chipley_Griffin_ERP

MAP DATE: 5/23/2025

PREPARED BY: MAG

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## Legend

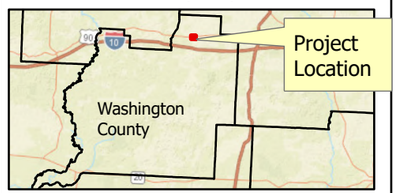
- Existing Storm Inventory
- Basins
- Nodes
- Tc

### Links

Type

- Channel
- Pipe
- Weir

Vicinity Map




S: 05 T: 04N R: 13W

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Hybrid Reference Layer: Esri Community Maps Contributors, FDEP, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin,

US Feet

0 150 300 600

FIGURE: FOCUSED PROJECT VIEW

PROJECT: GRIFFIN ROAD DRAINAGE IMPROVEMENTS

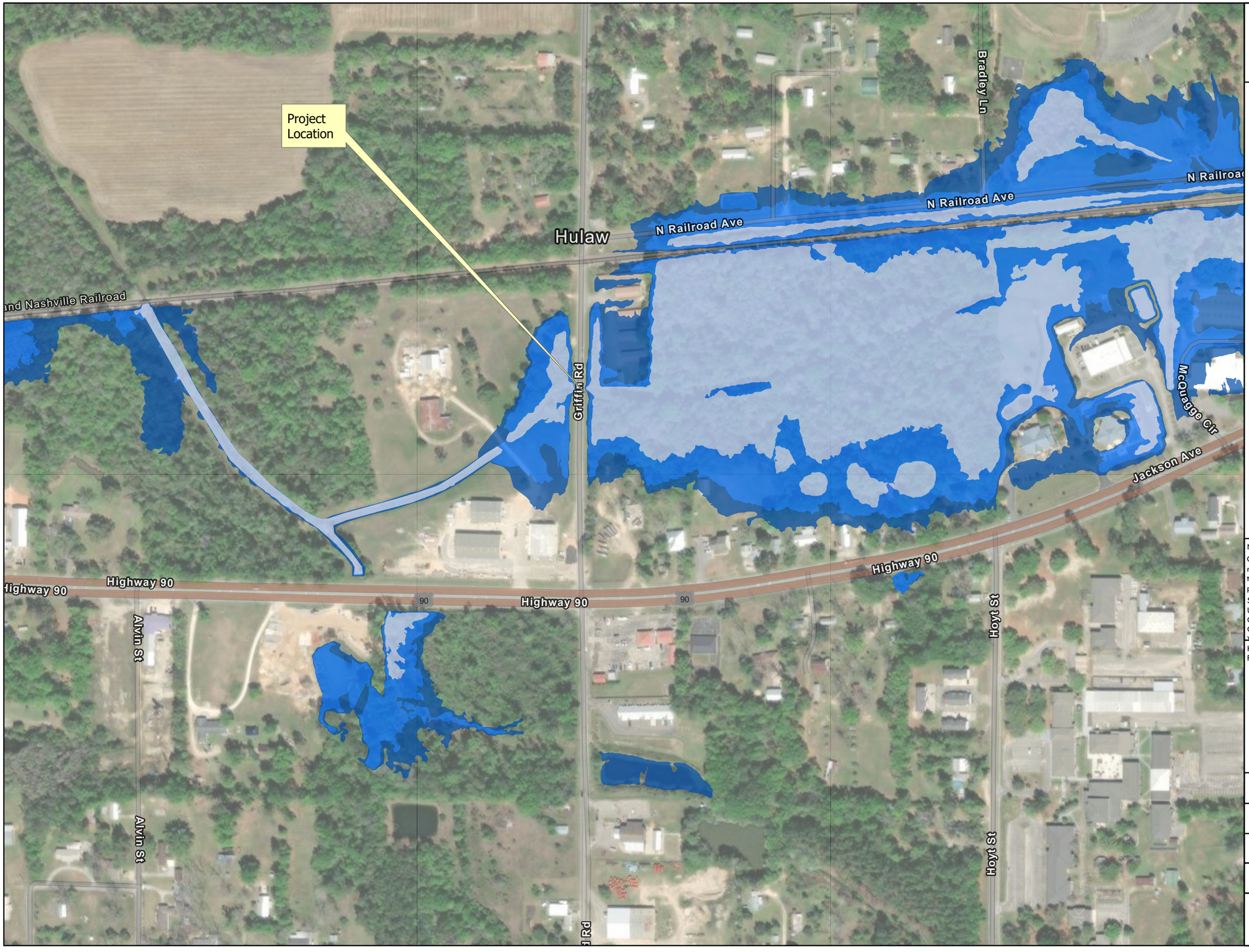
CITY OF CHIPLEY

FILENAME: Chipley_Griffin_ERP

MAP DATE: 5/23/2025

PREPARED BY: MAG

Document Path: P:\Chipley\Griffin Road\GIS\Chipley_Griffin_ERP\Chipley_Griffin_ERP.aprx



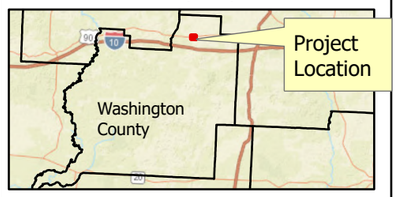


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## Legend

- floodplain_2YR24HR
- floodplain_25YR24HR
- floodplain_100YR24HR

Vicinity Map




S: 05 T: 04N R: 13W

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World Imagery: Maxar
Hybrid Reference Layer: Esri Community Maps Contributors, FDEP, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin,

US Feet

0 150 300 600

FIGURE: PRE PROJECT FLOODPLAINS

PROJECT: GRIFFIN ROAD DRAINAGE IMPROVEMENTS

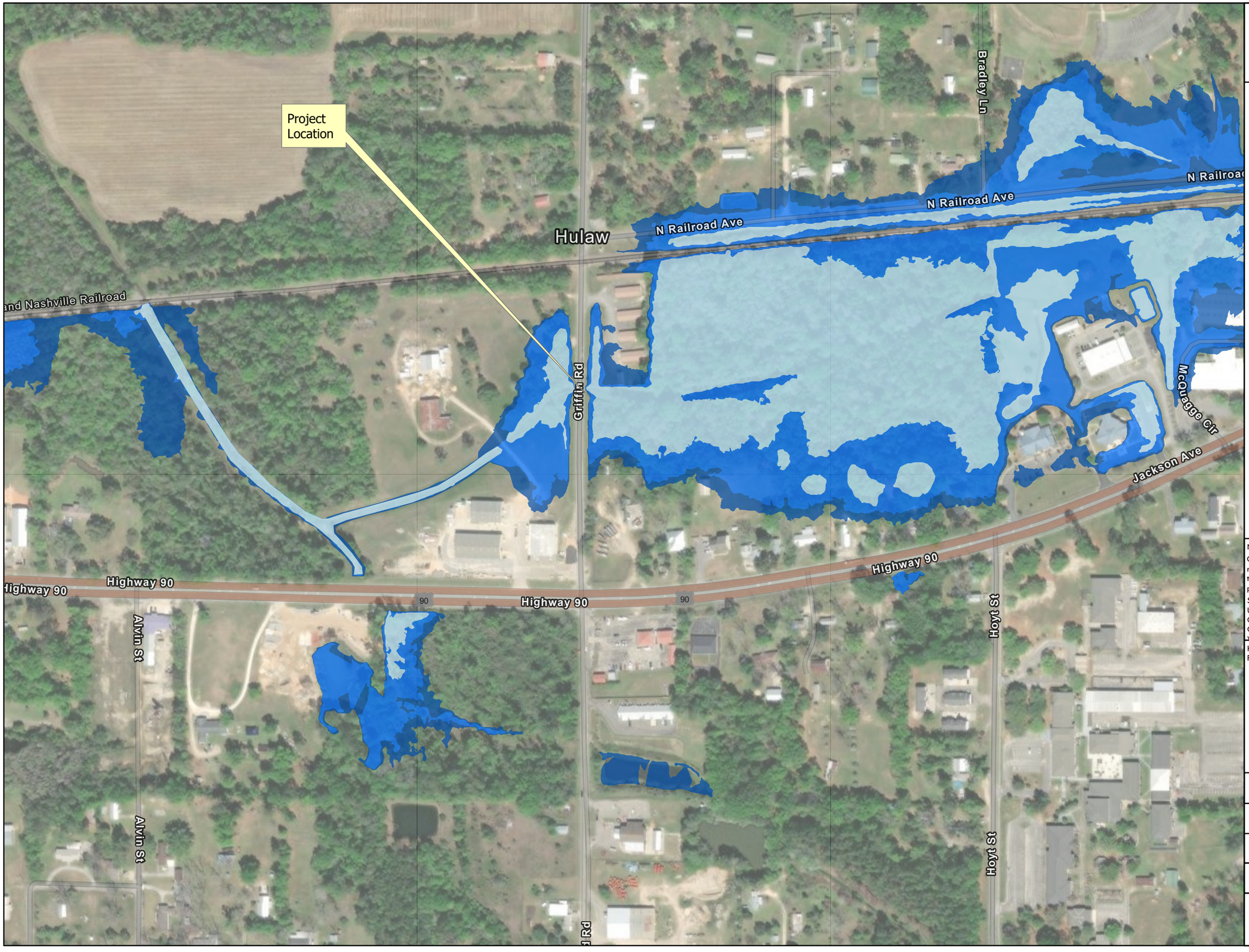
CITY OF CHIPLEY

FILENAME:
Chipley_Griffin_ERP

MAP DATE:
5/23/2025

PREPARED BY:
MAG

Document Path: P:\Chipley\Griffin Road\GIS\Chipley_Griffin_ERP\Chipley_Griffin_ERP.aprx



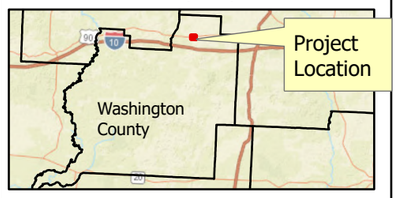


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## Legend

- Floodplain_2YR_24HR
- Floodplain_25YR_24HR
- Floodplain_100YR_24HR

Vicinity Map




S: 05 T: 04N R: 13W

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World Imagery: Maxar
Hybrid Reference Layer: Esri Community Maps Contributors, FDEP, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin,

US Feet

0 150 300 600

FIGURE: POST PROJECT FLOODPLAINS

PROJECT: GRIFFIN ROAD DRAINAGE IMPROVEMENTS

CITY OF CHIPLEY

FILENAME: Chipley_Griffin_ERP

MAP DATE: 5/23/2025

PREPARED BY: MAG

Document Path: P:\Chipley\Griffin Road\GIS\Chipley_Griffin_ERP\Chipley_Griffin_ERP.aprx

# FLORIDA DEPARTMENT OF Environmental Protection

Northwest District
160 W. Government Street, Suite 308
Pensacola, Florida 32502-5794

Ron DeSantis
Governor

Jay Collins
Lt. Governor

Alexis A. Lambert
Secretary


September 26, 2025

Washington County Board of Commissioners
c/o Jeff Massey, County Administrator
1331 South Blvd
Chipley, FL 32428
jmassey@washingtonfl.com

File No. 0186198-004-EE/67, Washington County

Dear Mr. Massey:

On September 18, 2025, we received your request for verification of exemption to perform the following activities:

The construction and expansion of building areas at the site while removing portions of pavement and sidewalk. The current site will go from 7,200 square feet to 12,700 square feet in Alligator Creek, Water Class III, 1444 Jackson Ave, Chipley, Section 5, Township 4, Range 13, Washington County.

Your request has been reviewed to determine whether it qualifies for (1) regulatory exemption, (2) proprietary authorization (related to state-owned submerged lands), and (3) federal approval that may be necessary for work in wetlands or waters of the United States.

Your project did not qualify for the federal review portion of this verification request. **Additional authorization may be required prior to commencement of the proposed activity**. This letter does not relieve you from the responsibility of obtaining other federal, state, or local authorizations that may be required for the activity. Please refer to the specific section(s) dealing with that portion of the review below for advice on how to proceed.

State water quality certification is waived for activities that are exempt under rule 62-330.051, F.A.C.

If you change the project from what you submitted, the authorization(s) granted may no longer be valid at the time of commencement of the project. Please contact us prior to beginning your project if you wish to make any changes.

If you have any questions regarding this matter, please contact Chris Bickham at the letterhead address or at 850-595-0607 and Chris.Bickham@FloridaDEP.gov.

**1. Regulatory Review –Verified**

Based on the information submitted, the Department has determined that the addition of 5,500 square feet to an existing structure, which can also be verified below is exempt, under Section 373.406(6) of the Florida Statutes, from the need to obtain a regulatory permit under Part IV of Chapter 373 of the Florida Statutes. This determination is made because the activity, in consideration of its type, size, nature, location, use, and operation, is expected to have only minimal or insignificant individual or cumulative adverse impacts on the water resources.

This exemption verification is based on the information you provided the Department and the statutes and rules in effect when the information was submitted. This verification may not be valid if site conditions materially change, the project design is modified, or the statutes or rules governing the exempt activity are amended. In the event you need to re-verify the exempt status for the activity, a new request and verification fee will be required. Any substantial modifications to the project design should be submitted to the Department for review, as changes may result in a permit being required.

This exemption verification is based on the information you provided the Department and the statutes and rules in effect when the information was submitted. This verification may not be valid if site conditions materially change, the project design is modified, or the statutes or rules governing the exempt activity are amended. In the event you need to re-verify the exempt status for the activity, a new request and verification fee will be required. Any substantial modifications to the project design should be submitted to the Department for review, as changes may result in a permit being required.

**2. Proprietary Review- Not Required**

The activity does not appear to be located on sovereign submerged lands, and does not require further authorization under chapter 253 of the Florida Statutes, or chapters 18-20 or 18-21 of the Florida Administrative Code.

**3. Federal Review - Not Included**

Your proposed activity as outlined in your application and attached drawings **does not qualify** for Federal authorization pursuant to the State Programmatic General Permit VI-R1. **SEPARATE permit(s)** or authorization **may be required** from the U.S. Army Corps of Engineers.

Authority for review - an agreement with the USACOE entitled “Coordination Agreement Between the U. S. Army Corps of Engineers (Jacksonville District) and the Florida Department of Environmental Protection (or Duly Authorized Designee), State Programmatic General Permit”, Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

**3.2. Coastal Zone Management Presumed**

The U.S. Army Corps of Engineers (Corps) or any designated federal, state or local agency administering general permits on behalf of the Corps under 33 C.F.R. Section 325.2(b)(2) may presume the verified exempt activities are consistent with the permitting Agency’s authorities

within the FCMP, provided the activity receives any applicable authorization to use and occupy state-owned submerged lands under Chapter 253, F.S., and, as applicable, Chapter 258, F.S.

### 3.3. Water Quality Certification Waived

This permit also constitutes an e*xpress waiver* of water quality certification under Section 401 of the Clean Water Act, 33 U.S.C. Section 1341. Pursuant to Rule 62-330.062, F.A.C. State Water Quality Certification is waived for activities that are exempt under rule 62-330.051 or 62-330.0511, F.A.C.

### Additional Information

Please retain this letter. The activities may be inspected by authorized state personnel in the future to ensure compliance with appropriate statutes and administrative codes. If the activities are not in compliance, you may be subject to penalties under Chapter 373, F.S., and Chapter 18-14, F.A.C.

### NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of when and how the petitioner received notice of the agency decision;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;

(f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a).

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver will not apply to persons who have not received written notice of this action.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water

Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

**EXECUTION AND CLERKING**
Executed in Pensacola, Florida.
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Kimberly R. Allen
Permitting Program Administrator

Enclosures:
Chapter 373.406(6) F.S.
Project Drawings

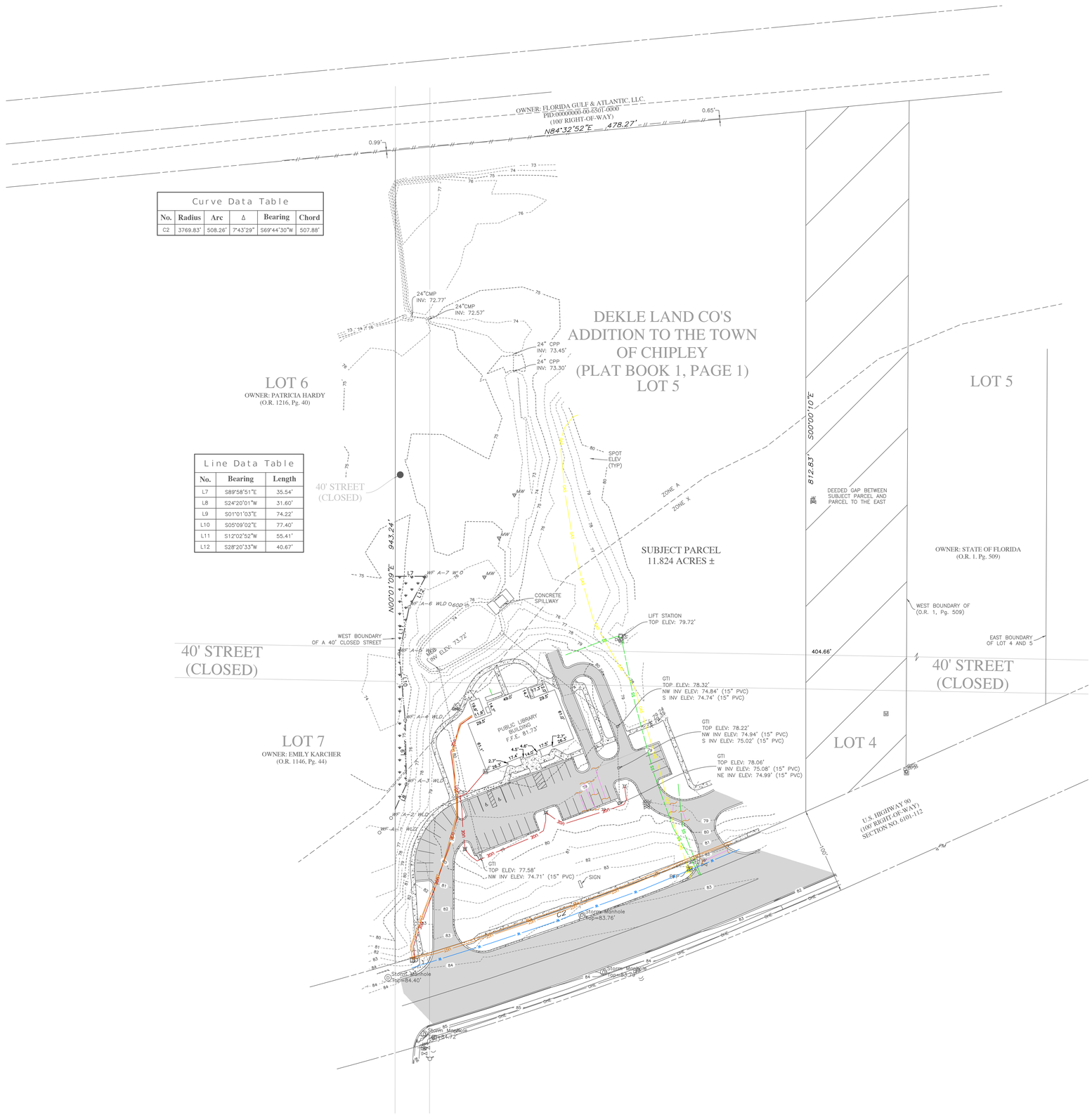
**CERTIFICATE OF SERVICE**
The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Kim Allen, FDEP, Kim.Allen@FloridaDEP.gov
Russell Sullivan, FDEP, Russell.Sullivan@FloridaDEP.gov
Chris Bickham, FDEP, Chris.Bickham@FloridaDEP.gov
Jeff Massey, County Administrator, jmassey@washingtonfl.com
Brent Melvin, Consultant, brentmelvin@melvineng.com
Washington County, Mark.C.Sumner@FloridaDEP.gov

**FILING AND ACKNOWLEDGMENT**
FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

**Clerk** **Date** September 26, 2025

373.406 Exemptions.—The following exemptions shall apply:
(6) Any district or the department may exempt from regulation under this part those activities that the district or department determines will have only minimal or insignificant individual or cumulative adverse impacts on the water resources of the district. The district and the department are authorized to determine, on a case-by-case basis, whether a specific activity comes within this exemption. Requests to qualify for this exemption shall be submitted in writing to the district or department, and such activities shall not be commenced without a written determination from the district or department confirming that the activity qualifies for the exemption.




| Curve Data Table | | | | | |
|---|---|---|---|---|---|
| No. | Radius | Arc | Δ | Bearing | Chord |
| C2 | 3769.83' | 508.26' | 7°43'29" | S69°44'30"W | 507.88' |

| Line Data Table | | |
|---|---|---|
| No. | Bearing | Length |
| L7 | S89°58'51"E | 35.54' |
| L8 | S24°20'01"W | 31.60' |
| L9 | S01°01'03"E | 74.22' |
| L10 | S05°09'02"E | 77.40' |
| L11 | S12°02'52"W | 55.41' |
| L12 | S28°20'33"W | 40.67' |

100 50 0 50 100

SCALE: 1" = 50'

LEGEND

| | | | |
|---|---|---|---|
| CMP | Corrugated Metal Pipe | INV | Invert |
| ELEV | Elevation | LB | Licensed Business |
| FCM | Found Concrete Monument | LS | Licensed Surveyor |
| FIP | Found Iron Pipe | MES | Mitered End Section |
| FIR | Found Iron Rod | ORB | Official Records Book |
| FMCD | Found Mag Nail & Disk | PB | Plat Book |
| GTI | Grate Top Inlet | Pg(s) | Page(s) |
| | Storm Drainage Manhole | PSM | Professional Surveyor and Mapper |
| | Electric Junction Box | PVC | Polyvinyl Chloride Pipe |
| | Electric Switch Box | SIR | Set 1/2" Iron Rod LB7768 |
| FHH | Fiber Optic Handhole | | Wood Fence |
| | Guy Anchor | | Wetland Line |
| MW | Monitoring Well | | Electric Power Pole |
| | | | Sign |
| | | W | Wetland Flag |
| | | | Water Gate Valve |

**DESCRIPTION (PER ORB 395 PG 246)**

ALL THAT PART OF LOTS 4 AND 5, LYING NORTH OF STATE ROAD 10 (U.S. HIGHWAY #90) LESS THE EAST 404.66 FEET, ACCORDING TO DEKLE LAND COMPANY'S ADDITION TO THE TOWN OF CHIPLEY, FLORIDA OF THE SE 1/4 OF SECTION 5, TOWNSHIP 4 NORTH, RANGE 13 WEST.

**SURVEYOR'S NOTES:**

1. Current title information on the subject property had not been furnished to GeoPoint Surveying, Inc. at the time of this survey, and is subject to title review and/or abstract. GeoPoint Surveying, Inc. makes no representations or guarantees pertaining to easements, rights-of-way, set back lines, reservations, agreements, and other similar matters.
2. This survey is limited to above ground visible improvements along and near the boundary lines, except as shown hereon, and that nothing below the ground was located including, but not limited to foundations (footings), utilities, etc.
3. Bearings shown hereon are based on the South Boundary of Section 5, Township 4 North , Range 14 West, Washington County, Florida, having a Grid bearing of S88°35'20"E. The Grid Bearings as shown hereon refer to the State Plane Coordinate System, North American Horizontal Datum of 1983 (NAD 83-2011 Adjustment) for the North Zone of Florida.
4. All dimensions, unless otherwise noted, are survey dimensions.
5. The subject parcel lies in Flood Zone "A" and "X", according to Flood Insurance Rate Map, Map No. 12133C0070D for City of Chipley, Community No. 120325, Washington County, Florida, dated July 4, 2011 and issued by the Federal Emergency Management Agency. Lines shown, if any, have been digitally translated from DFIRM database information supplied by the FEMA Map Service Center (https://msc.fema.gov).
6. Elevations shown hereon are based on the NGS Benchmark "Chipley RM1", having a published elevation of 109.88 feet, relative to the North American Vertical Datum of 1988 (NAVD 88).
7. Use of this survey for purposes other than intended, without written authorization, will be at the user's sole risk and without liability to the surveyor. Nothing hereon shall be construed to give any rights or benefits to anyone other than those certified to.
8. The wetland flags, as shown hereon, were not set by GeoPoint but were field located on March 5, 2025.
9. Although no dedication was found for the streets on the plat of Dekle Land Co's Addition to the town of Chipley, it appears that by occupation the City has maintained rights to the platted streets and are using the West Boundary of said closed street as it's own property boundary.

*SURVEY INFORMATION SHOWN ON THESE PLANS HAS BEEN PROVIDED BY GEOPOINT SURVEYING, INC. UNDER THE DIRECTION OF THE FOLLOWING LICENSED SURVEYORS: BRYCE BRASHER, P.S.M. NO. 7601 - BOUNDARY, TOPOGRAPHIC, AND WETLAND SURVEY TITLED "CHIPLEY PUBLIC LIBRARY", GEOPOINT PROJECT NO. CHIPLEY-BT - 031925 - SS, DATED MARCH 5, 2025, WITH FINAL PLOTTED DATE MARCH 19, 2025. JM, CMP - SUBSURFACE UTILITY ENGINEERING (SUE) QUALITY LEVEL B UTILITY SURVEY TITLED "CHIPLEY LIBRARY - SUE", GEOPOINT PROJECT SUE_QL-B UTILITIES, DATED MARCH 4, 2025. THIS INFORMATION HAS BEEN REVIEWED BY DAVID H. MELVIN, INC. (DHM); HOWEVER, IT HAS NOT BEEN INDEPENDENTLY VERIFIED. IT IS BEING INCORPORATED INTO THESE PLANS FOR REFERENCE PURPOSES ONLY. CONTRACTORS AND OTHERS RELYING ON THIS INFORMATION ARE RESPONSIBLE FOR INDEPENDENTLY VERIFYING ALL EXISTING CONDITIONS IN THE FIELD.*


DAG Architects
AR0009694
455 Harrison Avenue
Suite I
Panama City, Florida 32401
850.387.1671
www.dagarchitects.com


BRENT E. MELVIN LICENSE No. 83163 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by BRENT E. MELVIN, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

BRENT E. MELVIN, P.E.
FLORIDA REG. NO 83163

ISSUED FOR BUILDING PERMIT

DHM MELVIN ENGINEERING

WASHINGTON COUNTY

**WASHINGTON COUNTY LIBRARY**

Washington County Public Library

1444 W JACKSON AVE.
CHIPLEY, FL 32428

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|

| | |
|---|---|
| Project Number | **25014** |
| Dated | 09-03-2025 |

EXISTING CONDITIONS

**C001**


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## GENERAL CONSTRUCTION

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LEARN, KNOW, AND COMPLY WITH THE REGULATIONS, ORDINANCES, PERMITS, AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES (LOCAL, STATE, AND FEDERAL) HAVING JURISDICTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW AND COMPLY WITH THE CONDITIONS OF THE VARIOUS PERMITS OF THE GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL SCHEDULE THE REQUIRED INSPECTIONS AND APPROVALS IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMIT CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE NECESSARY AGENCIES OF CONSTRUCTION COMMENCEMENT.
2. THE CONTRACTOR SHALL HAVE COPIES OF ALL PERMITS IN POSSESSION AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN AND MAKE AVAILABLE A COMPLETE AND CURRENT SET OF APPROVED CONSTRUCTION DRAWINGS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL CONSTRUCTION PERMITS REQUIRED FOR THE COMPLETION OF THE PROJECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION IS DONE IN A SAFE MANNER AND IN STRICT COMPLIANCE WITH ALL THE REQUIREMENTS OF THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 OR THE LATEST EDITION, AND ALL STATE AND LOCAL SAFETY AND HEALTH REGULATIONS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING, OR SHORING AS NECESSARY. ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT." THE CONTRACTOR SHALL ENSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
6. ALL CONSTRUCTION, MATERIALS, AND WORKMANSHIP SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE OWNER, FLORIDA DEPARTMENT OF TRANSPORTATION, FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, AND ALL OTHER APPLICABLE LOCAL, STATE, AND FEDERAL CODES.
7. ALL SPECIFICATIONS AND DOCUMENTS REFERRED TO SHALL BE OF THE LATEST ISSUE AND SHALL BE CONSIDERED A PART OF THESE DOCUMENTS AS THOUGH INCLUDED.
8. ALL EXISTING ELEVATIONS SHOWN ON THE CONSTRUCTION DRAWINGS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) UNLESS OTHERWISE NOTED.
9. STATIONING ON THE PLANS RELATES TO THE CENTERLINE OF ALL ROADWAYS AND RIGHT-OF-WAYS AND SHALL BE USED FOR LOCATION PURPOSES ONLY. CONTRACTOR SHALL NOT USE STATIONING WHEN CALCULATING UTILITY LENGTHS.
10. BOUNDARY, TOPOGRAPHIC, TREE, WETLAND, AND UTILITY SURVEY SHOWN HEREON AND UTILIZED FOR DESIGN PURPOSES HAS BEEN PROVIDED BY GEOPOINT SURVEYING, INC., UNDER THE DIRECTION OF BRYCE BRASHER, FL PLS 7601, DATED 03/05/2025 AS PROJECT No. 1003001. DHM, INC. HAS REVIEWED BUT NOT VERIFIED THE ABOVE-LISTED DATA. DHM, INC. MAKES NO CERTIFICATIONS OR REPRESENTATIONS AS TO THE ACCURACY OF THE SURVEY DATA.
11. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAS BEEN DETERMINED BY THE BEST INFORMATION AVAILABLE. THE ENGINEER OF RECORD ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THESE DEPICTIONS. ALL THE UTILITIES SHOWN ON THE PLANS MAY NOT BE ACCURATE AND ALL UTILITIES MAY NOT BE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF EXISTING UTILITIES, DETERMINING IF OTHER UTILITIES WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK, AND TAKING WHATEVER STEPS NECESSARY TO PROVIDE FOR THEIR PROTECTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITY OWNERS AND MAKE ANY NECESSARY ARRANGEMENTS FOR THE RELOCATION, REMOVAL, AND OR PROTECTION OF THE UTILITIES WITHIN THE PROJECT AREA WITH THE UTILITY OWNER. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION OR TIME WILL BE ALLOWED AS A RESULT.
12. THE CONTRACTOR SHALL VISIT AND BECOME FAMILIAR WITH THE SITE BEFORE CONSTRUCTION. THE SURVEY MAY NOT SHOW ALL OBJECTS WITHIN THE PATH OF CONSTRUCTION. IF OBJECTS ARE NOT SHOWN ON THE SURVEY, CONTRACTOR WILL BE RESPONSIBLE FOR REPLACEMENT OF ALL OBJECTS NOT SHOWN ON THE SURVEY.
13. THE EXACT LOCATION AND ELEVATION OF EXISTING STRUCTURES, UTILITIES, AND PIPING SHALL BE PHYSICALLY VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS. THESE DRAWINGS DO NOT INTEND TO SHOW IN COMPLETE DETAIL ALL EXISTING STRUCTURES, UTILITIES, OR PIPING. THE CONTRACTOR SHALL EXAMINE ALL AVAILABLE RECORDS AND MAKE ALL EXPLORATIONS AND EXCAVATIONS AS REQUIRED TO DETERMINE THE LOCATION OF EXISTING STRUCTURES, UTILITIES, AND PIPING, WHENEVER NECESSARY. THE OWNER RESERVES THE RIGHT TO CHANGE THE LOCATION OF LINES TO AVOID CONFLICT WITH EXISTING STRUCTURES, UTILITIES, OR PIPING. THE LOCATIONS OF UNDERGROUND UTILITIES HAVE NOT BEEN PHYSICALLY LOCATED BY THEIR OWNER OR ENGINEER.
14. BEFORE COMMENCING ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL CALL FLORIDA SUNSHINE STATE ONE-CALL CENTER, INC. AT 1-800-432-4770 OR 811 TO REQUEST THE LOCATION MARKING OF UTILITIES WITHIN THE PROJECT AREA. NO CONSTRUCTION ACTIVITY WITHIN THE SITE MAY OCCUR UNTIL THE UTILITIES HAVE BEEN PROPERLY MARKED. THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES WITHIN THE LIMITS OF THE PROJECT BEFORE COMMENCING WORK. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING TO EQUAL OR BETTER CONDITION ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
16. REPAIR AND REPLACEMENT OF ANY PRIVATE OR PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING CONDITIONS BEFORE COMMENCING CONSTRUCTION WORK UNLESS SPECIFICALLY EXEMPTED BY THESE PLANS. ADDITIONAL COSTS ASSOCIATED WITH ANY SUCH REPAIRS SHALL BE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.
17. THE CONTRACTOR SHALL TAKE WHATEVER PRECAUTIONS NECESSARY TO AVOID TRESPASSING AND DAMAGING PRIVATE PROPERTY.
18. WHERE IT BECOMES NECESSARY TO TEMPORARILY REMOVE, REPOSITION, OR SUPPORT EXISTING FACILITIES, UTILITY POLES, ETC., THIS WORK SHALL BE PERFORMED AT THE CONTRACTOR'S EXPENSE AND IN ACCORDANCE WITH REQUIREMENTS OF THE OWNER OF THE EXISTING FACILITY, UTILITY POLE, ETC. THE CONTRACTOR SHALL GIVE PROPER NOTICE TO THE UTILITIES. THE CONTRACTOR SHALL PHYSICALLY EXAMINE THE ENTIRE PROJECT SITE AND INFORM HIMSELF FULLY REGARDING ALL CONDITIONS PERTAINING TO THE PLACE WHERE THE WORK IS TO BE PERFORMED TO DETERMINE HIS COST TO PERFORM THE WORK. THE CONTRACTOR SHOULD PAY SPECIAL ATTENTION TO AREAS INVOLVING CLEARING AND GRUBBING, EXISTING FACILITIES REMOVAL AND REPLACEMENT, SUPPORT ON RELOCATION, AND WORK INVOLVED IN WETLAND AREAS.
19. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND SCHEDULE THE ACTIVITIES OF THE UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO TV, TELEPHONE, GAS, POWER, ETC., AND PROVIDE IN ACCORDANCE WITH THE UTILITY COMPANY REQUIREMENTS ANY NECESSARY CONDUITS FOR CROSSINGS UNDER PAVEMENT. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS SERVICE. ANY DAMAGE CAUSED BY THE UTILITY COMPANY TO THE IMPROVEMENTS OF THE CONTRACTOR SHALL BE REQUIRED TO BE REPAIRED BY EITHER THE CONTRACTOR OR THE UTILITY COMPANY, AT NO COST TO THE OWNER, IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS.
20. THE CONTRACTOR SHALL REMOVE AND REPLACE, TO EQUAL OR GREATER THAN THEIR ORIGINAL CONDITION, ALL DISTURBED MATERIALS OR OBJECTS WITHIN THE PATH OF THE PROPOSED PROJECT AS NECESSARY AT THE CONTRACTOR'S EXPENSE. ALL REPLACED MATERIALS SHALL BE EQUAL OR GREATER THAN ORIGINAL AND SHALL BE APPROVED BY THE ENGINEER. THIS INCLUDES BUT IS NOT LIMITED TO DISTURBED LANDSCAPING, SIGNS, FENCING, POSTS, MAILBOXES, STRUCTURES, IRRIGATION, ETC. WITHIN THE PATH OF THE PROPOSED PROJECT.
21. REMOVAL AND REPLACEMENT OF EXISTING DRIVEWAYS AND DRIVEWAY CULVERTS SHALL BE INCLUDED IN THE BID PRICE. NEW DRIVEWAYS SHALL MATCH EXISTING MATERIALS.
22. THE CONTRACTOR SHALL REVIEW THE GEOTECHNICAL REPORT AND ENVIRONMENTAL REPORT, AS APPLICABLE, FOR THE PROJECT AREA BEFORE BIDDING THE PROJECT. THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW THE OUTLINED CONSTRUCTION TECHNIQUES IN THESE REPORTS. THE CONTRACTOR SHALL PREPARE THE SITE BEFORE THE COMMENCEMENT OF CONSTRUCTION IN ACCORDANCE WITH THESE REPORTS.
23. SHOULD THE LOWERING OF GROUNDWATER BE NECESSARY FOR CONSTRUCTION, SUCH LOWERING SHALL BE ACCOMPLISHED BY MEANS OF A WELL POINT SYSTEM OR OTHER APPROVED MEANS AT THE CONTRACTOR'S EXPENSE. COMPREHENSIVE PLANS FOR DEWATERING OPERATIONS, IF USED, SHALL BE SUBMITTED BY THE CONTRACTOR TO ENGINEER FOR REVIEW. PRIOR TO THE INSTALLATION OF ANY DEWATERING EQUIPMENT, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY LOCAL, STATE, AND FEDERAL PERMITS TO CONDUCT DEWATERING ACTIVITIES.
24. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION OR AS SPECIFIED IN THE CONSTRUCTION DOCUMENTS. DISTURBED AREAS SHALL BE SODDED, SEEDED, MULCHED, OR PLANTED WITH APPROVED LANDSCAPE MATERIAL AS DIRECTED BY THE CONSTRUCTION DOCUMENTS IMMEDIATELY FOLLOWING CONSTRUCTION PER THE LOCAL INSPECTOR.
25. BEFORE CONSTRUCTION, A BUILDING PERMIT SHALL BE OBTAINED FOR ALL STRUCTURES THAT HAVE A FOOTER, REGARDLESS OF SIZE, FROM THE AUTHORITY HAVING JURISDICTION.
26. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER BENCHMARKS ON THE SITE. EXISTING BENCHMARKS THAT ARE SPECIFIED FOR REMOVAL SHALL BE RELOCATED AT THE CONTRACTOR'S EXPENSE AND RE-ESTABLISHED BY A LICENSED SURVEYOR.
27. THE CONTRACTOR SHALL SUBMIT TO THE OWNER AND THE OWNER'S ENGINEER A COPY OF THE SHOP DRAWINGS AND SPECIFICATIONS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THE SITE FOR REVIEW AND APPROVAL. FAILURE TO SUBMIT THIS INFORMATION MAY RESULT IN THE REMOVAL AND REPLACEMENT OF THESE ITEMS AT THE CONTRACTOR'S EXPENSE. NOTE THAT THE APPROVAL OF THE OWNER AND OWNER'S ENGINEER DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR COMPLIANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. THE CONTRACTOR REMAINS RESPONSIBLE FOR THE DETAILS AND ACCURACY, FOR CONFIRMING AND CORRELATING ALL QUANTITIES, JOB CONDITIONS, AND DIMENSIONS, FOR SELECTING FABRICATION, PROCESSES, FOR TECHNIQUES OF ASSEMBLY AND CONSTRUCTION, AND FOR PERFORMING THE WORK IN A SAFE MANNER.
28. THE CONTRACTOR SHALL CONTACT THE OWNER AND OWNER'S ENGINEER BEFORE ANY CONSTRUCTION THAT MAY DAMAGE TREES.
29. ALL SERVICE INTERRUPTIONS SHALL BE COMPLETED BETWEEN THE HOURS OF 11:00 P.M. AND 4:30 A.M. UNLESS OTHERWISE APPROVED BY THE UTILITY AND THE OWNER. THE CONTRACTOR IS REQUIRED TO NOTIFY ALL AFFECTED PARTIES 24 HOURS PRIOR.
30. THE CONTRACTOR SHALL CHECK PLANS FOR CONFLICTS AND DISCREPANCIES BEFORE CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE OWNER OR OWNER'S ENGINEER OF ANY CONFLICT BEFORE PERFORMING ANY WORK IN THE AFFECTED AREA.
31. ALL CONSTRUCTION STAKING SHALL BE DONE AT THE CONTRACTOR'S EXPENSE AND PERFORMED BY A PROFESSIONAL SURVEYOR AND MAPPER (PSM) REGISTERED IN THE STATE OF FLORIDA.
32. A TWO-AND-ONE-HALF-FOOT STRIP OF SOD SHALL BE INSTALLED ON THE EDGE OF ALL ASPHALT AREAS AND ALL ABOVE-GROUND CONCRETE STRUCTURES INCLUDING BUT NOT LIMITED TO VALVE PADS, BLOW-OFF VAULTS, AND AIR RELEASE VAULTS. ALL OTHER DISTURBED AREAS SHALL BE RESTORED WITH SEED AND MULCH UNLESS OTHERWISE SPECIFIED IN PLANS.
33. THE CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY COMPLETED BY A LICENSED SURVEYOR UNLESS EXPLICITLY STATED IN THE CONTRACT DOCUMENTS. THESE DRAWINGS SHALL BE MARKED TO SHOW AS-BUILT CONSTRUCTION CHANGES AND DIMENSIONS, LOCATIONS, AND ELEVATIONS OF ALL IMPROVEMENTS. INFORMATION FOR STRUCTURES SHALL CONSIST OF RIM ELEVATIONS, INVERT ELEVATIONS, BOTTOM OF STRUCTURE ELEVATIONS, BOTTOM OF BAFFLE ELEVATION, AND PIPE SIZE/MATERIAL. UTILITY INFORMATION SHALL INCLUDE LOCATIONS OF ALL FITTINGS, VALVES, DEAD-END RUNS, ETC. THE CONTRACTOR SHALL ALSO PROVIDE A PROFILE OF ALL DIRECTIONAL BORE AND JACK-AND-BORE LOCATIONS OF ACTUAL PIPE ELEVATIONS AT 10-FOOT INTERVALS. AS-BUILT PLANS SHALL INDICATE THE LOCATIONS OF ALL MANHOLES, FITTINGS, VALVES, DEAD-END RUNS, ETC. WITH THREE (3) PHYSICAL FEATURES SUCH AS LOT CORNERS, TREES, ETC. INFORMATION SHALL BE CERTIFIED BY A FLORIDA REGISTERED LAND SURVEYOR AND SUBMITTED TO OWNER AS ONE PHYSICAL COPY AS WELL AS IN DIGITAL FILE FORMATS OF .PDF AND .DWG OR .DGN (TO BE COORDINATED WITH OWNER AND OWNER'S ENGINEER PRIOR TO COMPLETION).

## TEMPORARY FACILITIES AND TRAFFIC REGULATION

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES, AND ELECTRICITY DURING CONSTRUCTION.
2. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN PROPER TRAFFIC CONTROL AND TO PROVIDE DETOURS AROUND CONSTRUCTION ACTIVITIES. NO STREET SHALL REMAIN CLOSED TO TRAFFIC OVERNIGHT. IN ADDITION, THE CONTRACTOR SHALL COOPERATE WITH LOCAL RESIDENTS IN MAINTAINING ACCESS TO THEIR HOMES AND BUSINESSES DURING WORKING HOURS AND SHALL ASSIST AT ALL TIMES WHEN VEHICLES EXPERIENCE TROUBLE DUE TO CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE ACCESS ENTRANCE TO ADJACENT PROPERTIES AT ALL TIMES AND SHALL MAINTAIN CONTINUOUS VEHICULAR ACCESS FOR EMERGENCY ACCESS DURING CONSTRUCTION WITH NO EXCEPTIONS AT NO ADDITIONAL COST TO THE OWNER.
3. CONTRACTOR SHALL COORDINATE MAINTENANCE OF TRAFFIC WITH THE LOCAL SCHOOL BOARD AND EMERGENCY RESPONSE AGENCIES TO ENSURE ACCESS FOR SCHOOL BUSES AND EMERGENCY RESPONSE VEHICLES.
4. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIALS ARE AVAILABLE FOR CONSTRUCTION IN THAT AREA.
5. THE CONTRACTOR IS RESPONSIBLE FOR CREATING AND IMPLEMENTING A TEMPORARY TRAFFIC CONTROL (TTC) PLAN FOR CONSTRUCTION ACTIVITIES THAT OCCUR WITHIN THE PUBLIC RIGHT OF WAY INCLUDING BUT NOT LIMITED TO DEMOLITION, PAVEMENT REMOVAL, SIDEWALK CONSTRUCTION, AND PAVEMENT CONSTRUCTION. THE TTC PLAN SHALL BE IN ACCORDANCE WITH THE CURRENT FDOT STANDARD PLANS FOR ROAD CONSTRUCTION OR CREATED BY A REGISTERED PROFESSIONAL ENGINEER OR INDIVIDUAL WHO IS CERTIFIED AND IN CURRENT STANDING TO DO SO BY THE FDOT TTC CERTIFICATION TRAINING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING THE TTC PLAN TO THE APPLICABLE REGULATORY AGENCY FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTING ANY TEMPORARY TRAFFIC CONTROL MEASURES.
6. CONTRACTOR SHALL PROVIDE ALL WARNING SIGNALS, SIGNS, LIGHTS, AND FLAG PERSONS AS NECESSARY FOR THE TTC PLAN.
7. THE CONTRACTOR SHALL PROVIDE A WORK SITE TRAFFIC SUPERVISOR IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
8. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC. NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS, OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS WRITTEN PERMISSION OF THE LOCAL PUBLIC WORKS DEPARTMENT HAVING JURISDICTION OVER THE PROJECT AREA OR FDOT. IF WRITTEN APPROVAL IS OBTAINED, A COPY SHALL BE PROVIDED TO THE OWNER AND ENGINEER OF RECORD.
9. NO WORK THAT WOULD CAUSE TEMPORARY LANE CLOSURE WILL BE PERFORMED ON HOLIDAYS OR BEFORE 7:45 A.M. AND BETWEEN 2:45 P.M. AND 3:15 P.M. ON SCHOOL DAYS.
10. AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSING CAUSES EXTENDED CONGESTION, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE UNTIL SUCH TIME AS TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.

## DEMOLITION

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEMOLITION OR DELETERIOUS MATERIALS IN A SAFE AND LAWFUL MANNER. THE CONTRACTOR SHALL SALVAGE TO THE OWNER ANY ITEM AS DETERMINED BY THE OWNER. ONCE DEMOLISHED, THE MATERIAL SHALL BE DISPOSED OF PROPERLY AND IMMEDIATELY.
2. EXISTING PAVEMENT AND SIDEWALK EDGES THAT BORDER NEW CONSTRUCTION OR DEMOLITION ARE TO BE SAW-CUT TO PROVIDE A SMOOTH TRANSITION. SAW-CUT SIDEWALKS AND CURB AT THE NEAREST JOINT.
3. ROOTS LARGER THAN 1 INCH IN DIAMETER ON TREES THAT ARE TO BE PRESERVED THAT ARE ENCOUNTERED DURING CONSTRUCTION MUST BE CUT CLEARING AND COVERED WITH SOIL BY THE END OF THE SAME WORKING DAY.
4. ALL BUILDINGS, BUILDING FOUNDATIONS, UNDERGROUND PIPING, ASPHALT, CONCRETE, AND LIMEROCK (OR OTHER) BASE MATERIAL IDENTIFIED FOR DEMOLITION ARE TO BE REMOVED FROM THE PROJECT SITE. THE CONTRACTOR SHALL ENSURE THAT ALL UNDERGROUND PIPING AND UTILITIES ARE PROPERLY PLACED OUT OF SERVICE PRIOR TO REMOVAL AND CUT-AND-CAPPED AT THE PROPERTY BOUNDARY OR AS DIRECTED BY THE LOCAL UTILITY AUTHORITY HAVING JURISDICTION OVER THE PROJECT.
5. IN PROPOSED LANDSCAPE AREAS, ALL IMPERVIOUS SURFACES (ASPHALT, CONCRETE, ETC.) OR COMPACTED SOIL SHALL BE REMOVED AND REPLACED WITH SUITABLE SOIL MATERIAL AS DIRECTED BY THE LANDSCAPE PLANS.

## PAVING, GRADING, AND DRAINAGE

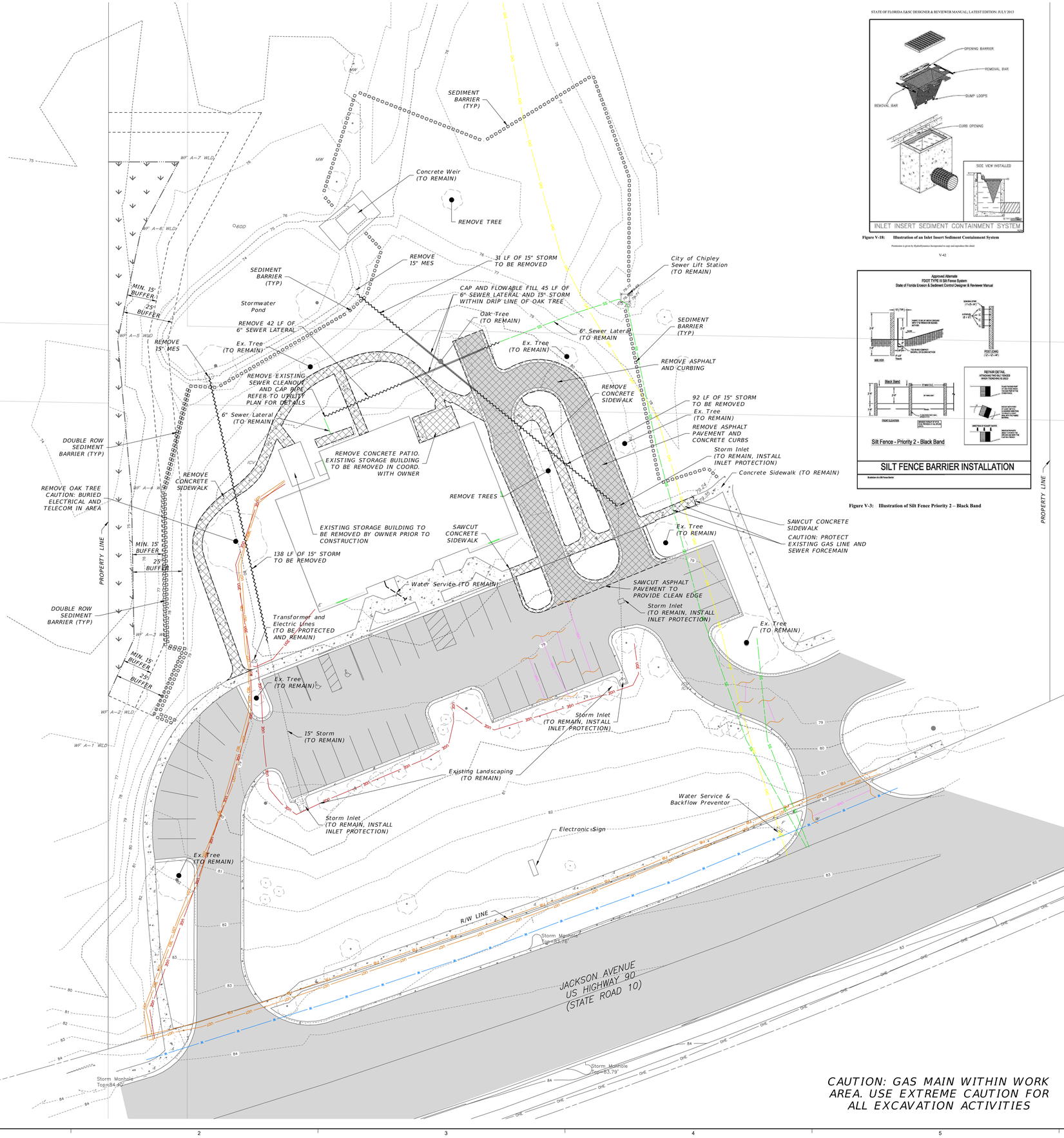
1. ALL EXISTING PAVEMENT AND DRIVEWAY PAVEMENT PROPOSED TO BE REMOVED SHALL BE SAW CUT.
2. ALL PAVEMENT DIMENSIONS ARE SHOWN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
3. ALL NEW TRAFFIC CONTROL DEVICES (SIGNS AND PAVEMENT MARKINGS) SHALL CONFORM TO THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FDOT STANDARDS.
4. ALL STRIPING WITHIN THE RIGHT OF WAY SHALL BE PLACED FIRST AS TEMPORARY STRIPING FOLLOWED BY AN APPLICATION OF THERMOPLASTIC STRIPING 30 DAYS LATER OR AS DIRECTED BY THE ENGINEER OR OWNER.
5. THE CONTRACTOR SHALL MAINTAIN A CLEAR PATH FOR ALL SURFACE WATER DRAINAGE STRUCTURES AND DITCHES DURING ALL PHASES OF CONSTRUCTION.
6. THE CONTRACTOR IS RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL PRACTICES DURING CONSTRUCTION TO MINIMIZE ON-SITE EROSION/SEDIMENTATION AND TO PROTECT AGAINST DAMAGE TO OFF-SITE PROPERTY. REFER TO THE SURFACE WATER MANAGEMENT PLAN SHEET FOR ADDITIONAL INFORMATION AND GUIDANCE ON THESE PRACTICES.
7. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT FOR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON THE PLANS.
8. AS DETERMINED NECESSARY AND DIRECTED BY THE GEOTECHNICAL ENGINEER OR THE OWNER'S ENGINEER, THE CONTRACTOR SHALL UNDERCUT ALL UNSUITABLE MATERIAL BELOW THE BOTTOM OF ANY PROPOSED LIME ROCK BASE AND SHALL BACKFILL WITH SUITABLE MATERIAL MEETING THE FDOT STANDARD SPECIFICATIONS.
9. THE CONTRACTOR SHALL STOCKPILE TOPSOIL AND CONSTRUCTION MATERIALS AS DIRECTED BY THE OWNER OR THE OWNER'S ENGINEER.
10. ALL CONCRETE USED SHALL BE A 3,000 PSI MINIMUM OR AS SPECIFIED IN THE PLANS.
11. ALL WELLS, CLEANOUTS, MANHOLE TOPS, UTILITY VAULTS, PULL BOXES, AND OTHER UTILITY APPURTENANCES IN THE AREA OF REDEVELOPMENT SHALL BE PROTECTED AND THE TOPS ADJUSTED TO MATCH PROPOSED GRADES
12. CONTRACTOR SHALL SAW CUT, TACK, AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS ANY EXISTING PAVEMENT.
13. PAVEMENT WEARING SURFACE SHALL BE ASPHALTIC CONCRETE OF A TYPE AND THICKNESS SHOWN IN THE PLANS AND THE MATERIAL AND CONSTRUCTION SHALL MEET THE CURRENT FDOT SPECIFICATIONS.
14. ADJUSTING UTILITIES TO INCLUDE MANHOLE TOPS AND VALVE RISERS TO MATCH GRADE AND SLOPE OF THE FINISH PAVING SHALL BE INCLUDED IN THE RESPECTIVE CONTRACT UNIT PRICE FOR MANHOLES AND VALVES, PAYMENT OF WHICH WILL CONSTITUTE FULL COMPENSATION FOR THE CONSTRUCTION AND COMPLETION OF THE MANHOLE AND VALVES, AND NO ADDITIONAL PAYMENT WILL BE ALLOWED OR MADE FOR UTILITY ADJUSTMENTS.
15. ALL DISTURBED DRIVES SHALL BE RECONNECTED FROM THE PROPERTY LINE TO THE EDGE OF PAVEMENT OR EDGE OF DIRT ROAD IN A CONDITION EQUAL TO OR BETTER THAN ITS PREVIOUS CONDITION USING THE SAME TYPE OF MATERIALS THAT WERE REMOVED. GRAVEL DRIVEWAYS SHALL BE REPLACED WITH NEW GRAVEL.
16. CONTRACTOR WILL BE REQUIRED TO PLACE SOD IN ALL EROSION PROBLEM AREAS.
17. A TWO AND ONE-HALF STRIP OF SOD SHALL BE INSTALLED ON THE EDGE OF ALL ASPHALT OVERLAY AREAS, CONCRETE DRIVEWAYS, AND AROUND ALL ABOVE-GROUND CONCRETE STRUCTURES INCLUDING BUT NOT LIMITED TO VALVE PADS, BLOW-OFF VAULTS, AND AIR RELEASE VAULTS. SOD SHALL ALSO BE PLACED IN ALL DISTURBED AREAS WITH A 3-TO-1 SLOPE OR GREATER OR ANY EROSION PROBLEM AREAS.
18. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PERFORM ALL ROADWAY PATCHES AND REPAIRS IN ACCORDANCE WITH THE FDOT STANDARD DETAIL INDEX 125-001, CURRENT EDITION. IN ADDITION, CONTRACTOR SHALL ENSURE ASPHALT THICKNESS SHALL BE A MINIMUM OF 2" AND THE BASE THICKNESS SHALL BE A MINIMUM OF 8". CONTRACTOR SHALL MILL A MINIMUM OF 25' ON BOTH SIDES OF THE UTILITY TRENCH PLUS 4' FOR A MINIMUM WIDTH OF 50'. THE OVERLAY SHALL BE COMPLETED IN A SINGLE LIFT.

## STORMWATER FACILITY EXCAVATION

1. NO EXCAVATION SHALL EXTEND BELOW THE PERMITTED DESIGN DEPTHS OR ELEVATIONS SHOWN ON THE DRAWINGS UNLESS ADDITIONAL TESTING SUPPORTS OTHERWISE AND NO LOWER SEMI-CONFINING UNIT CLAYEY SOIL MATERIAL OR LIMESTONE MATERIALS SHALL BE EXCAVATED, REGARDLESS IF THESE MATERIALS ARE ENCOUNTERED WITHIN THE PERMITTED EXCAVATION DEPTHS OR ELEVATIONS. IF ANY LOWER SEMI-CONFINING UNIT CLAYEY SOIL MATERIALS OR LIMESTONE MATERIALS ARE ENCOUNTERED ABOVE THE PERMITTED DEPTHS OR ELEVATIONS, EXCAVATION OPERATIONS SHALL CEASE IN THE GENERAL AREA AND THE ENGINEER OF RECORD SHALL BE NOTIFIED IMMEDIATELY. A MODIFICATION OF THE PROJECT'S NWFWMD ENVIRONMENTAL RESOURCE PERMIT (ERP) SHALL BE REQUIRED FOR EXCAVATIONS DEEPER THAN THOSE SHOWN ON THE APPROVED PLANS AND PERMIT.
2. THE ENGINEER SHALL BE CONTACTED PRIOR TO ANY EXCAVATION OF CLAYS. IN THE ABSENCE OF ANY CONFINING OR SEMI-CONFINING UNIT CLAYEY SOILS, A MINIMUM OF 5-FEET OF UNDISTURBED SOILS SHALL REMAIN ABOVE THE UNDERLYING LIMESTONE.

## UTILITIES

1. ALL SANITARY SEWER MANHOLES TO BE CONSTRUCTED IN UNPAVED AREAS SHALL HAVE WATERTIGHT RING AND COVER UNLESS OTHERWISE NOTED.
2. THE LOCATIONS AND ELEVATION OF ALL SERVICE LINES ARE TO BE DETERMINED IN THE FIELD BY THE OWNER AND CONTRACTOR PRIOR TO CONSTRUCTION OF SAME.
3. ALL UTILITY MAINS AND FITTINGS INSTALLED UNDER THIS PROJECT SHALL BE COLOR-CODED OR MARKED IN ACCORDANCE WITH THE LATEST VERSION OF FLORIDA ADMINISTRATIVE CODES.
4. UTILITY CONFLICTS SHALL BE RESOLVED IN CONFORMANCE TO FDOT, FDEP, AND LOCAL PUBLIC WORKS STANDARDS HAVING JURISDICTION OVER THE PROJECT.
5. FORCEMAIN DEPTH OF COVER SHALL NOT BE LESS THAN 48-INCHES UNLESS APPROVED BY THE ENGINEER.
6. WATER MAINS SHALL HAVE A MINIMUM OF 36" COVER UNLESS APPROVED BY THE ENGINEER.
7. BENDS SHALL BE INSTALLED IN THE FORCEMAIN AND WATER MAIN TO AVOID UNFORESEEN CONFLICTS IN EXISTING OR PROPOSED STRUCTURES.
8. THE JOINT DEFLECTION METHOD SHALL BE USED WHERE PRACTICAL IN LIEU OF INSTALLING BENDS.
9. FIRE HYDRANT, GATE VALVE, AIR RELEASE VALVE, AND BLOW-OFF VALVE ASSEMBLIES SHALL CONSIST OF ALL PIPE, VALVES, TEES, FITTINGS, AND ANY OTHER APPURTENANCES COMPRISING A COMPLETE, WORKING UNIT.
10. THE LOCATION OF NEW FIRE HYDRANTS SHALL BE IDENTIFIED WITH A BLUE REFLECTIVE PAVEMENT MARKER INSTALLED ON THE ROADWAY. THE REFLECTIVE MARKER SHALL BE LOCATED PERPENDICULAR TO THE HYDRANT, IN THE CENTER OF THE LANE CLOSEST TO THE HYDRANT.
11. ON BOTH WATER AND SEWER TAPS, CONTRACTOR SHALL FURNISH AND INSTALL TAPPING SLEEVE AND VALVE AND ALL APPURTENANCES NECESSARY FOR CONSTRUCTION OF TAP UNLESS OTHERWISE DIRECTED.
12. ALL VALVE BOX ASSEMBLIES LOCATED WITHIN ROADWAYS OR PARKING AREAS SHALL BE PROTECTED FROM TRUCK TRAFFIC BY USE OF 6" THICK REINFORCED CONCRETE PADS POURED AROUND VALVE BOXES (SEE DETAIL).
13. VALVE BOXES SHALL NOT BE CONSTRUCTED IN CURBS, SIDEWALK RAMPS, OR DRIVEWAYS.
14. ALL VALVE BOXES SHALL BE INSTALLED PER THE DETAIL SHOWN. PRE-CAST VALVE PADS SHALL NOT BE USED.
15. ALL WATER AND SANITARY SEWER SERVICE LOCATIONS ARE SHOWN GRAPHICALLY FOR PLANNING PURPOSES ONLY. COORDINATE WITH UTILITY AUTHORITY FOR FINAL PLACEMENT LOCATION.
16. THE CONTRACTOR SHALL COORDINATE ANY SHUTDOWN OF THE EXISTING UTILITIES WITH UTILITY AUTHORITY.
17. ALL NON-METALLIC PIPES SHALL BE INSTALLED WITH 10-GAUGE COPPER TRACER WIRE.
18. ALL UTILITY MAINS SHALL BE INSTALLED ACCORDING TO ENGINEERING PLANS AND SPECIFICATIONS.
19. ALL VALVES AND




CAUTION: GAS MAIN WITHIN WORK AREA. USE EXTREME CAUTION FOR ALL EXCAVATION ACTIVITIES

STATE OF FLORIDA E&SC DESIGNER & REVIEWER MANUAL, LATEST EDITION: JULY 2013




**Figure V-18: Illustration of an Inlet Insert Sediment Containment System**

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**Figure V-3: Illustration of Silt Fence Priority 2 – Black Band**

## DEMOLITION NOTES

1. CONTRACTOR SHALL REMOVE EXISTING SITE IMPROVEMENTS AS INDICATED ON THE PLANS INCLUDING BUT NOT LIMITED TO: SIDEWALKS, ASPHALT PAVEMENT, CURB AND GUTTER, STORM DRAINAGE STRUCTURES, PIPE, UTILITIES, FENCING, SIGNS, AND LANDSCAPING AS REQUIRED FOR CONSTRUCTION OF THE BUILDING EXPANSION.
2. THE LIBRARY SHALL REMAIN OPERATIONAL DURING CONSTRUCTION EXCEPT DURING COORDINATED CLOSURES. CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS AND COORDINATE ALL CLOSURES WITH THE OWNER AT LEAST 72 HOURS IN ADVANCE.
3. CONTRACTOR SHALL INSTALL AND MAINTAIN A 6' MINIMUM HEIGHT TEMPORARY CONSTRUCTION FENCE AROUND ACTIVE CONSTRUCTION AREAS TO MAINTAIN SITE SAFETY AND PREVENT UNAUTHORIZED ACCESS.
4. CONTRACTOR SHALL MAINTAIN CLEAR AND SAFE PEDESTRIAN ROUTES TO THE LIBRARY ENTRANCE OUTSIDE OF FENCED CONSTRUCTION ZONES.
5. ALL DEMOLITION DEBRIS SHALL BE REMOVED FROM THE SITE DAILY. NO STOCKPILING OR BURNING OF MATERIALS IS PERMITTED ON SITE. DISPOSAL SHALL BE AT A LEGAL OFF-SITE LOCATION.
6. CONTRACTOR SHALL FIELD-VERIFY THE LOCATION, SIZE, AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION. CALL 811 FOR UTILITY LOCATES AT LEAST 72 HOURS BEFORE DIGGING.
7. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES TO REMAIN. DAMAGE TO UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER AND UTILITY PROVIDER.
8. CONTRACTOR SHALL INSTALL AND MAINTAIN ALL REQUIRED EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO START OF DEMOLITION. REFER TO THE EROSION CONTROL PLAN FOR DETAILS.
9. CONTRACTOR SHALL PREVENT TRACKING OF MUD OR DEBRIS ONTO PUBLIC STREETS. SWEEPING SHALL BE PERFORMED DAILY OR AS NEEDED TO MAINTAIN CLEANLINESS.
10. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO TREES, STRUCTURES, AND IMPROVEMENTS OUTSIDE THE LIMITS OF DEMOLITION.
11. ALL DEMOLITION WORK SHALL BE PERFORMED IN ACCORDANCE WITH OSHA STANDARDS, LOCAL CODES, AND PROJECT SPECIFICATIONS.
12. CONTRACTOR SHALL COORDINATE WITH OWNER AND ENGINEER TO VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY.
13. CONTRACTOR SHALL NOT BEGIN DEMOLITION UNTIL ALL PERMITS, APPROVALS, AND UTILITY DISCONNECTS ARE OBTAINED.
14. SALVAGEABLE MATERIALS DESIGNATED BY THE OWNER SHALL BE PROTECTED AND DELIVERED TO A LOCATION SPECIFIED BY THE OWNER.
15. CONTRACTOR SHALL VERIFY THAT ALL DEMOLITION WORK IS COMPLETE AND SITE IS CLEAN PRIOR TO REQUESTING INSPECTION OR PROCEEDING WITH NEW CONSTRUCTION.

N

40 20 0 20 40

SCALE: 1" = 20'

## LEGEND

| EXISTING | PROPOSED | |
|---|---|---|
| | | DEMOLITION AREA |
| 63 | 65.00 | CONTOUR |
| | | DIRECTION OF SURFACE FLOW |
| | | STAKED EROSION CONTROL |
| ZONE A | | FEMA FLOOD ZONE BOUNDARY |
| 82.0 | | BASE FLOOD ELEVATION (FT) |
| 15' BUFFER | | WETLAND LINE / 15' BUFFER FROM WETLAND LINE |
| | | WETLAND AREAS |

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BRENT E. MELVIN LICENSE No. 83163 STATE OF FLORIDA PROFESSIONAL ENGINEER

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FLORIDA REG. NO 83163

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WASHINGTON COUNTY

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|---|---|---|

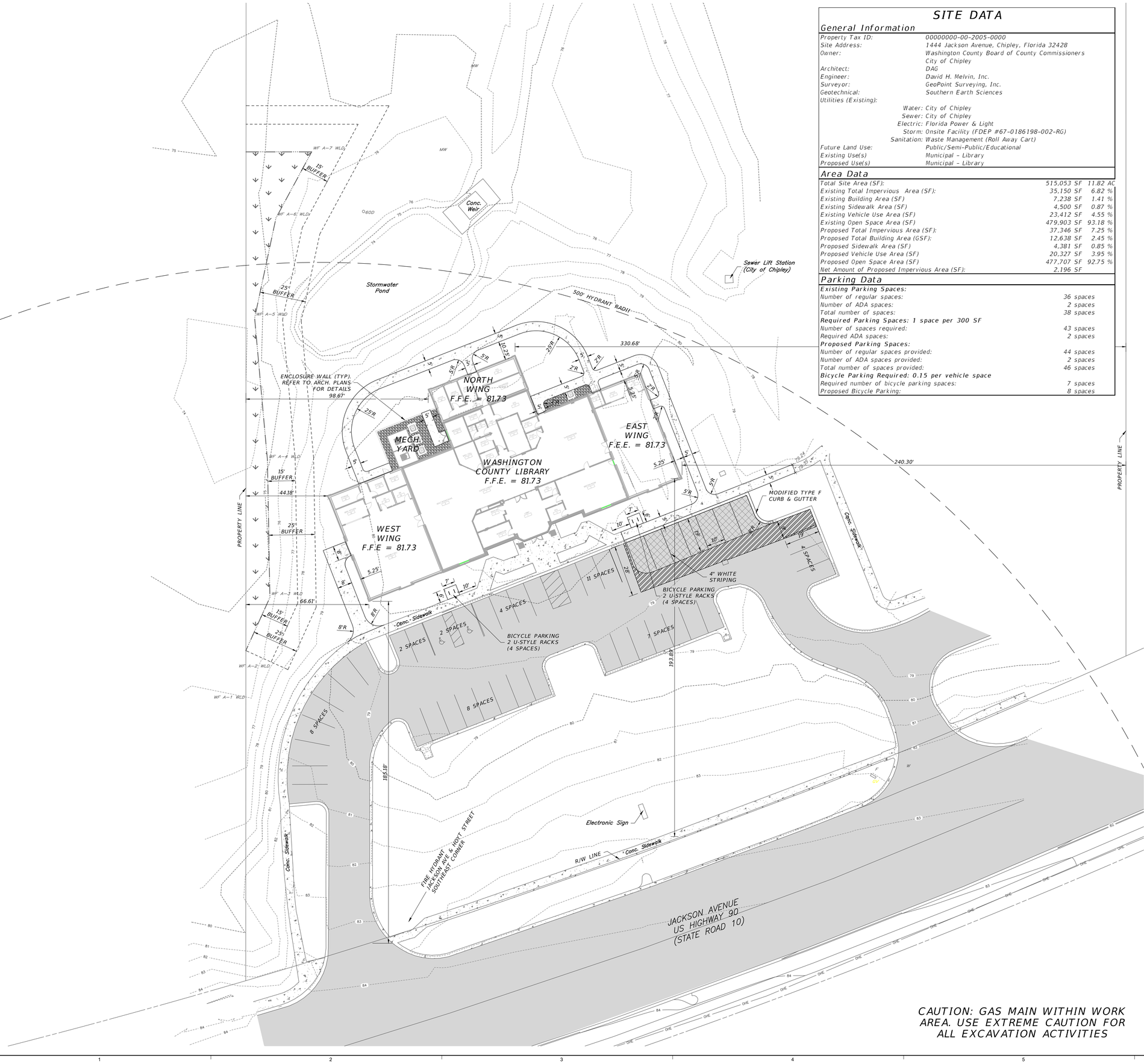
| | |
|---|---|
| Project Number | 25014 |
| Dated | 09-03-2025 |

DEMOLITION & EROSION CONTROL PLAN

**C003**

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## SITE DATA

### General Information

| | |
|---|---|
| Property Tax ID: | 00000000-00-2005-0000 |
| Site Address: | 1444 Jackson Avenue, Chipley, Florida 32428 |
| Owner: | Washington County Board of County Commissioners<br>City of Chipley |
| Architect: | DAG |
| Engineer: | David H. Melvin, Inc. |
| Surveyor: | GeoPoint Surveying, Inc. |
| Geotechnical: | Southern Earth Sciences |
| Utilities (Existing): | |
| Water: | City of Chipley |
| Sewer: | City of Chipley |
| Electric: | Florida Power & Light |
| Storm: | Onsite Facility (FDEP #67-0186198-002-RG) |
| Sanitation: | Waste Management (Roll Away Cart) |
| Future Land Use: | Public/Semi-Public/Educational |
| Existing Use(s) | Municipal - Library |
| Proposed Use(s) | Municipal - Library |

### Area Data

| | | |
|---|---|---|
| Total Site Area (SF): | 515,053 SF | 11.82 AC |
| Existing Total Impervious Area (SF): | 35,150 SF | 6.82 % |
| Existing Building Area (SF) | 7,238 SF | 1.41 % |
| Existing Sidewalk Area (SF) | 4,500 SF | 0.87 % |
| Existing Vehicle Use Area (SF) | 23,412 SF | 4.55 % |
| Existing Open Space Area (SF) | 479,903 SF | 93.18 % |
| Proposed Total Impervious Area (SF): | 37,346 SF | 7.25 % |
| Proposed Total Building Area (GSF): | 12,638 SF | 2.45 % |
| Proposed Sidewalk Area (SF) | 4,381 SF | 0.85 % |
| Proposed Vehicle Use Area (SF) | 20,327 SF | 3.95 % |
| Proposed Open Space Area (SF) | 477,707 SF | 92.75 % |
| Net Amount of Proposed Impervious Area (SF): | 2,196 SF | |

### Parking Data

| | |
|---|---|
| **Existing Parking Spaces:** | |
| Number of regular spaces: | 36 spaces |
| Number of ADA spaces: | 2 spaces |
| Total number of spaces: | 38 spaces |
| **Required Parking Spaces: 1 space per 300 SF** | |
| Number of spaces required: | 43 spaces |
| Required ADA spaces: | 2 spaces |
| **Proposed Parking Spaces:** | |
| Number of regular spaces provided: | 44 spaces |
| Number of ADA spaces provided: | 2 spaces |
| Total number of spaces provided: | 46 spaces |
| **Bicycle Parking Required: 0.15 per vehicle space** | |
| Required number of bicycle parking spaces: | 7 spaces |
| Proposed Bicycle Parking: | 8 spaces |

SCALE: 1" = 20'

## LEGEND

| EXISTING | PROPOSED | |
|---|---|---|
| | 12 | STORM DRAINAGE STRUCTURE & PIPE PIPE SIZE IN INCHES |
| (10) | (10) | STRUCTURE NO. |
| x 62.9 | 65.00 | SPOT ELEVATION |
| | 65.00 | PROPOSED PROFILE GRADE ELEVATION |
| 65 | 65.00 | CONTOUR |
| | | DIRECTION OF SURFACE FLOW |
| | | STAKED EROSION CONTROL |
| ZONE A | | FEMA FLOOD ZONE BOUNDARY |
| 62.0 | | BASE FLOOD ELEVATION (FT) |
| | | WETLAND LINE |
| 15' BUFFER | | 15' BUFFER FROM WETLAND LINE |
| | | WETLAND AREAS |
| | | PROPOSED CONCRETE SIDEWALK |
| | | PROPOSED ASPHALT PAVEMENT (FULL DEPTH) |
| | | PROPOSED MILLING LIMITS (1") |

## SITE PLAN NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING IMPROVEMENTS, UTILITIES, AND PROPERTY LINES IN THE FIELD AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
2. ALL WORK SHALL CONFORM TO THE CITY OF CHIPLEY LAND DEVELOPMENT REGULATIONS, STANDARD DETAILS, AND CURRENT FDOT CRITERIA WHERE APPLICABLE.
3. LIMITS OF CLEARING AND GRADING SHALL BE AS SHOWN; THE CONTRACTOR SHALL CONFINE OPERATIONS TO THESE AREAS AND PROTECT EXISTING VEGETATION OUTSIDE OF LIMITS.
4. PROVIDE AND MAINTAIN A STABILIZED CONSTRUCTION ENTRANCE PER CITY STANDARDS TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC ROADWAYS. CLEAN ADJACENT STREETS AND PARKING AREAS OF DEBRIS DAILY.
5. TEMPORARY EROSION-AND-SEDIMENT CONTROLS (SILT FENCE, INLET PROTECTION, STABILIZED CONSTRUCTION ENTRANCES) SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBANCE AND MAINTAINED UNTIL FINAL STABILIZATION.
6. STOCKPILE ALL TOPSOIL WITHIN THE DESIGNATED AREA, PROTECT WITH EROSION CONTROLS, AND REUSE FOR LANDSCAPE AND SEEDING AREAS; NO STOCKPILING IN WETLANDS OR FLOODPLAIN.
7. PROTECT ALL EXISTING UTILITIES, PAVEMENT, CURBS, SIDEWALKS, AND LANDSCAPING FROM DAMAGE; REPAIR OR REPLACE DAMAGED ITEMS AT NO COST TO THE OWNER.
8. PROVIDE CONSTRUCTION SIGNAGE, BARRIERS, AND PEDESTRIAN DETOURS IN PUBLIC RIGHT-OF-WAY TO MAINTAIN ACCESS TO THE FACILITY AS REQUIRED BY THE CITY OF CHIPLEY AND FDOT TRAFFIC CONTROL STANDARDS.
9. COORDINATE ALL UTILITY SHUT-OFFS TIE-INS AND CONNECTIONS WITH THE ENGINEER; SUBMIT PROPOSED SHUTDOWN SCHEDULES TO THE ENGINEER FOR APPROVAL AT LEAST 7 DAYS IN ADVANCE.
10. CONFINE EQUIPMENT STORAGE, STOCKPILES, AND CONTRACTOR PARKING TO THE AREAS SHOWN; DO NOT BLOCK FIRE LANES OR IMPEDE EMERGENCY ACCESS.
11. ALL DISTURBED AREAS SHALL BE FINE-GRADED, MULCHED, SEEDED, OR SODDED WITHIN 14 DAYS OF FINAL GRADING.
12. CONCRETE WORK (PAVEMENT, SIDEWALKS, CURBS, GUTTERS) SHALL CONFORM TO FDOT STANDARD PLANS AND CITY OF CHIPLEY STANDARD DETAILS; PROVIDE AIR-ENTRAINED CONCRETE IN ALL EXTERIOR APPLICATIONS.
13. CONTRACTOR SHALL SCHEDULE AND COORDINATE ALL BUILDING INSPECTIONS WITH THE WASHINGTON COUNTY BUILDING DEPARTMENT; DO NOT COVER WORK WITHOUT APPROVED INSPECTION.
14. UPON COMPLETION, SUBMIT CERTIFIED "AS-BUILT" PLANS PREPARED BY A FLORIDA PROFESSIONAL SURVEYOR IN BOTH PDF AND AUTOCAD FORMATS FOR REVIEW BY THE ENGINEER

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| NO. | DESCRIPTION | DATE |
|---|---|---|

| | |
|---|---|
| Project Number | 25014 |
| Dated | 09-03-2025 |

SITE PLAN

**C004**


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## FLOOD MITIGATION CALCULATIONS

| DESCRIPTION | VOLUME (CF) |
|---|---|
| PROPOSED FILL | 2,972 |
| PROPOSED EXCAVATION | 3,071 |
| NET VOLUME IN FLOODPLAIN | +99 |

N

40 20 0 20 40

SCALE: 1" = 20'

### LEGEND

| EXISTING | PROPOSED | |
|---|---|---|
| | 12 | STORM DRAINAGE STRUCTURE & PIPE PIPE SIZE IN INCHES |
| (10) | (10) | STRUCTURE NO. |
| +62.9 | 63.00 | SPOT ELEVATION |
| | 63.00 / 62.00 | PROPOSED PROFILE GRADE ELEVATION |
| 63 | 65.00 | CONTOUR |
| | | DIRECTION OF SURFACE FLOW |
| | | STAKED EROSION CONTROL |
| ZONE A | | FEMA FLOOD ZONE BOUNDARY |
| 62.0 | | BASE FLOOD ELEVATION (FT) |
| | | WETLAND LINE |
| 15' BUFFER | | 15' BUFFER FROM WETLAND LINE |
| | | WETLAND AREAS |
| | | PROPOSED CONCRETE SIDEWALK |
| | | PROPOSED ASPHALT PAVEMENT (FULL DEPTH) |
| | | PROPOSED MILLING LIMITS (1") |

## GRADING & DRAINAGE NOTES

1. ALL FINISH GRADES SHALL CONFORM TO THE ELEVATIONS SHOWN; PROVIDE A MAXIMUM TOLERANCE OF ±0.1 FT AND MATCH ADJOINING EXISTING GRADES SMOOTHLY.
2. PROVIDE POSITIVE SURFACE DRAINAGE AWAY FROM BUILDING FOUNDATIONS AT A MINIMUM SLOPE OF 1 PERCENT (1 FT PER 100 FT) FOR THE FIRST 10 FT BEYOND THE BUILDING PERIMETER.
3. GRADING SHALL ENSURE NO PONDING OF SURFACE WATER; LOW POINTS SHALL BE AVOIDED AND SWALES DIRECTED TOWARD DESIGNATED INLETS OR STORMWATER CONVEYANCES.
4. INSTALL ALL STORM DRAINAGE STRUCTURES, PIPING, AND APPURTENANCES PER THESE PLANS AND DETAILS
5. BEDDING AND BACKFILL FOR STORM PIPING SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS. .
6. PROVIDE RIPRAP ENERGY DISSIPATORS AT OUTLET ENDS OF ALL CONCENTRATED FLOW PIPES; RIPRAP SHALL BE CLASS II STONE PER FDOT SPECIFICATIONS.
7. INSTALL INLET PROTECTION DEVICES (E.G., FILTER FABRIC SACKS OR GRAVEL DIAPHRAGMS) PRIOR TO ANY GRADING AND MAINTAIN UNTIL FINAL STABILIZATION.
8. EROSION AND SEDIMENT CONTROLS SHALL COMPLY WITH THE APPROVED SWPPP AND FLORIDA EROSION CONTROL CERTIFICATION REQUIREMENTS; MAINTAIN SILT FENCE, SEDIMENT BASINS, AND STABILIZED CONSTRUCTION ENTRANCES THROUGHOUT CONSTRUCTION.
9. PROTECT ALL EXISTING STORM STRUCTURES, CULVERTS, AND UTILITIES DURING CONSTRUCTION; ANY DAMAGED FACILITIES SHALL BE REPAIRED OR REPLACED AT NO COST TO THE OWNER.
10. ALL ROOF LEADERS, DOWNSPOUTS, AND SPLASH BLOCKS SHALL DISCHARGE TO A STABILIZED OUTLET OR CONNECT TO THE STORM DRAINAGE SYSTEM; NO CONCENTRATED DISCHARGE ONTO BARE SOILS.
11. CONTRACTOR SHALL VERIFY INVERT ELEVATIONS OF EXISTING PIPES AND UTILITIES IN THE FIELD PRIOR TO PIPE INSTALLATION; DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
12. UPON COMPLETION, SUBMIT "AS-BUILT" COMPLETED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR IN BOTH HARD-COPY AND AUTOCAD FORMATS FOR ENGINEER'S REVIEW.

## SITE PREPARATION NOTES

1. CONTRACTOR SHALL REVIEW, BE FAMILIAR WITH, AND COMPLY FULLY WITH ALL RECOMMENDATIONS IN THE "P25-018 GEOTECHNICAL REPORT – CHIPLEY LIBRARY EXPANSION PROJECT," SOUTHERN EARTH SCIENCES, INC., DATED MAY 2, 2025, PROJECT NO. P25-018, AND IS RESPONSIBLE FOR EXECUTING ALL WORK IN ACCORDANCE WITH THAT REPORT.
2. CLEAR AND GRUB ALL TOPSOIL, ORGANICS, AND DELETERIOUS MATERIALS WITHIN THE BUILDING FOOTPRINT AND EXTEND 5 FT BEYOND THE PERIMETER; ORGANICS ENCOUNTERED IN TOP 6-12 IN. SHALL BE REMOVED.
3. AFTER GRUBBING, MOISTURE-CONDITION AND COMPACT EXISTING SOILS TO 95 % OF MODIFIED PROCTOR (ASTM D-1557):
   - 3.1. EAST AND WEST WINGS: COMPACT TO 1 FT BELOW EXISTING GRADE
   - 3.2. NORTH WING: COMPACT TO 2 FT BELOW EXISTING GRADE
   - 3.3. USE STATIC-WEIGHT ROLLERS ONLY; NO VIBRATORY COMPACTION WITHIN 50 FT OF EXISTING BUILDINGS; WITHIN 5 FT OF FOUNDATIONS USE HAND-OPERATED EQUIPMENT ONLY (E.G., SLED TAMPS, JUMPING JACKS).
4. FOR ANY FILL REQUIRED TO BRING TO FINISHED GRADE, USE NON-PLASTIC SANDS TO CLAYEY SANDS WITH ≤ 15 % PASSING NO. 200 SIEVE, FREE OF ORGANICS, CLAY BALLS, AND RUBBLE; PLACE IN ≤ 12 IN. LIFTS AND COMPACT EACH LIFT TO 95 % MODIFIED PROCTOR.
5. UPON EXCAVATING FOOTINGS, COMPACT FOOTING BOTTOMS TO 95 % MODIFIED PROCTOR TO A DEPTH OF 1 FT BELOW FOOTING BOTTOM; WITHIN FOOTING TRENCHES NEAR EXISTING BUILDINGS, USE HAND COMPACTION ONLY.
6. PERFORM MOISTURE-DENSITY TESTS (PROCTORS) AND IN-PLACE DENSITY TESTS TO VERIFY COMPACTION AT THE FOLLOWING FREQUENCIES:
   - 6.1. 1 TEST PER 50 LF OF WALL FOOTING
   - 6.2. 1 TEST PER COLUMN FOOTING
   - 6.3. 1 TEST PER 1,000 SF OF EXISTING SOILS AND PER EACH FOOT OF FILL SOILS
7. IN PAVEMENT AREAS (E.G., TEST LOCATION P-1), REMOVE ORGANIC AND PLASTIC CLAY LAYERS TO ~3 FT BELOW SURFACE; REPLACE WITH SUITABLE FILL SOILS (AS ABOVE), COMPACT SUBGRADE TO 95 % MODIFIED PROCTOR (AASHTO T-180) TO 12 IN. DEPTH, STABILIZE TOP 12 IN. TO LBR 40; VIBRATORY ROLLER PERMITTED ONLY IF ≥ 50 FT FROM STRUCTURES AND GROUNDWATER IS DEEPER THAN 2 FT.
8. VERIFY GROUNDWATER DEPTHS IMMEDIATELY BEFORE EXCAVATION; OBSERVED SEASONAL HIGH AT APPROXIMATELY 3.0 FT ± 0.5 FT BGS (MEASURED 3.3-4.9 FT BGS); DEWATERING MAY BE REQUIRED. CONTRACTOR SHALL BE REQUIRED TO PREPARE, SUBMIT, AND COMPLY WITH ANY DEWATERING PERMIT(S) REQUIRED

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CAUTION: GAS MAIN WITHIN WORK AREA. USE EXTREME CAUTION FOR ALL EXCAVATION ACTIVITIES

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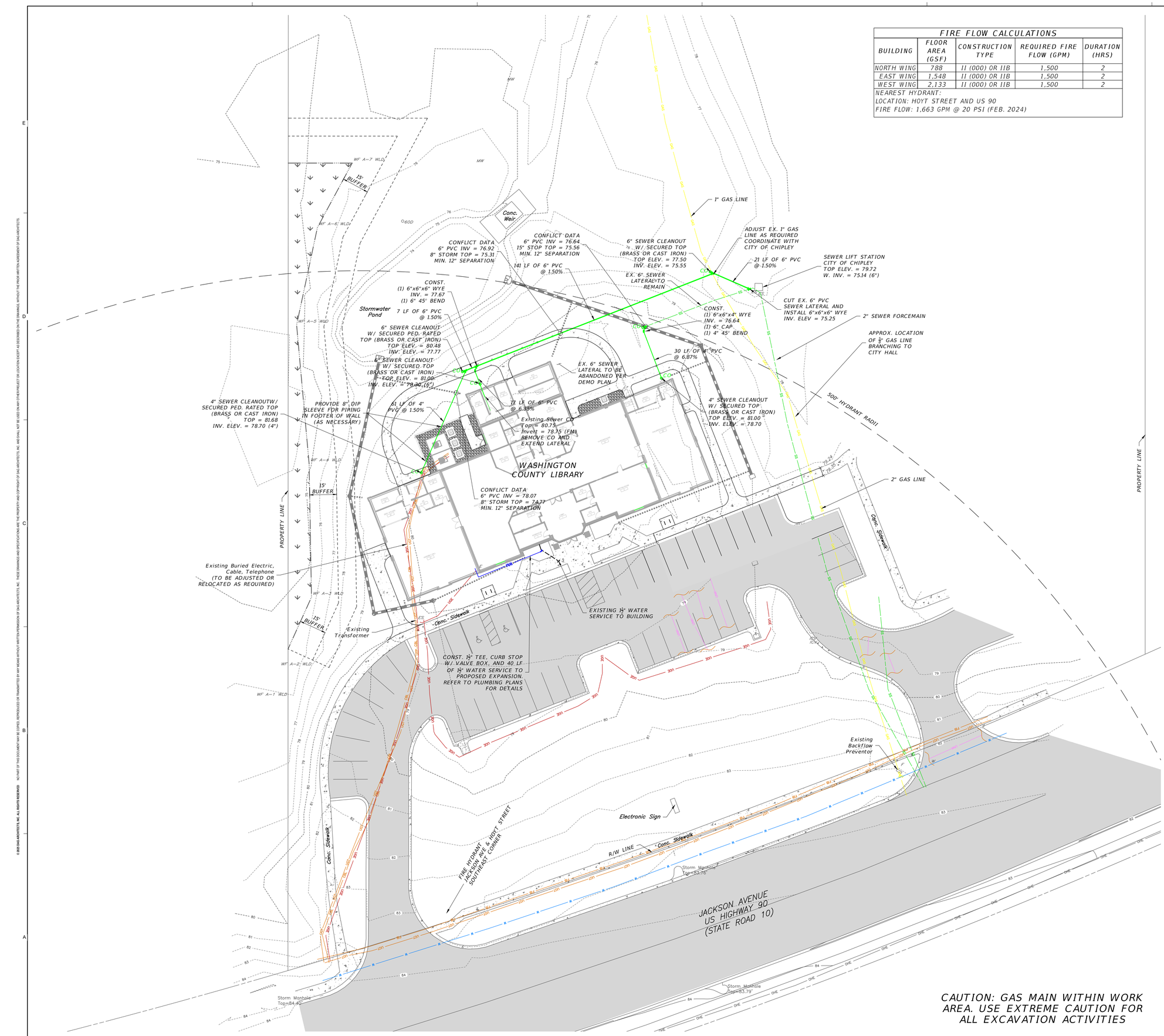
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| Dated | 09-03-2025 |

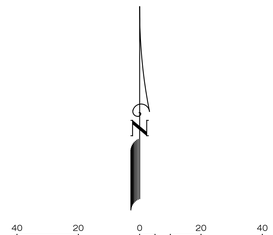
GRADING & DRAINAGE PLAN

**C005**

| FIRE FLOW CALCULATIONS | | | | |
|---|---|---|---|---|
| BUILDING | FLOOR AREA (GSF) | CONSTRUCTION TYPE | REQUIRED FIRE FLOW (GPM) | DURATION (HRS) |
| NORTH WING | 788 | II (000) OR IIB | 1,500 | 2 |
| EAST WING | 1,548 | II (000) OR IIB | 1,500 | 2 |
| WEST WING | 2,133 | II (000) OR IIB | 1,500 | 2 |
| NEAREST HYDRANT: LOCATION: HOYT STREET AND US 90 FIRE FLOW: 1,663 GPM @ 20 PSI (FEB. 2024) | | | | |




CAUTION: GAS MAIN WITHIN WORK AREA. USE EXTREME CAUTION FOR ALL EXCAVATION ACTIVITIES




## LEGEND

| EXISTING | PROPOSED | |
|---|---|---|
| | | WATER MAIN (WM) |
| | | FIRE HYDRANT |
| | | VALVE & BOX |
| | | REDUCER |
| | | PLUG |
| | | BLOW-OFF |
| | | BENDS |
| | | VERTICAL BENDS |
| | | DUAL SERVICE (WM) NEAR SIDE |
| | | SINGLE SERVICE (WM) NEAR SIDE 1 LOT |
| | | SINGLE SERVICE (WM) NEAR SIDE 2 LOTS |
| | | * SINGLE SERVICE (WM) FAR SIDE W/SERVICE CASING |
| | | * DUAL SERVICE (WM) FAR SIDE W/SERVICE CASING |
| | | WATER SERVICE W/VALVE |
| | WM# | * 2" SERVICE ASSEMBLY |
| | WDSP | WATER DISTRIBUTION SAMPLING POINT |
| | RS-A | * IRRIGATION SERVICE |
| A2 | A2 | SANITARY SEWER (SM) |
| | | SINGLE SANITARY SERVICE |
| | | DOUBLE SANITARY SERVICE |
| | THM CO INV | 6" SANITARY SERVICE TO TOWNHOME |
| | | SANITARY FORCE MAIN (FM) |
| | | RECLAIMED MAIN (RM) |
| | | 2" SERVICE ASSEMBLY (RM) |
| | | DUAL SERVICE (RM) NEAR SIDE |
| | | SINGLE SERVICE (RM) NEAR SIDE |
| | | * SINGLE SERVICE (RM) FAR SIDE W/SERVICE CASING |
| | | * DUAL SERVICE (RM) FAR SIDE W/SERVICE CASING |

## UTILITY NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING UNDERGROUND UTILITIES IN THE FIELD AND NOTIFY THE ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO TRENCHING.
2. ALL WORK SHALL CONFORM TO THE THESE PLANS AND ANY APPLICABLE CITY OF CHIPLEY STANDARDS, FLORIDA BUILDING CODE, AND ANSI/AWWA AND ASTM SPECIFICATIONS FOR PIPE AND FITTINGS.
3. PROVIDE A MINIMUM COVER OF 36 IN. OVER THE CROWN OF WATER SERVICES AND 36 IN. OVER THE CROWN OF SEWER LATERALS UNLESS OTHERWISE SHOWN.
4. TRENCH EXCAVATION AND BACKFILL SHALL COMPLY WITH THESE PLANS AND APPLICABLE FDOT STANDARD SPECIFICATIONS; MAINTAIN TRENCH WIDTH TO ALLOW PROPER COMPACTION AND INSTALLATION OF PIPING AND EMBEDMENT.
5. PIPE BEDDING SHALL CONSIST OF GRANULAR MATERIAL (NO. 57 STONE OR PEA GRAVEL) TO A MIN. DEPTH OF 4 IN. BELOW PIPE AND 6 IN. ABOVE SPRINGLINE; COMPACT TO 95 % STANDARD PROCTOR IN MAXIMUM 8-IN. LIFTS.
6. INSTALL WATER SERVICE LINES WITH PER PLUMBING PLANS, PROVIDE ANY NECESSARY CORPORATION STOP AT MAIN, CURB STOP AT PROPERTY LINE, AND SERVICE SADDLE/CLAMP PER AWWA STANDARDS.
7. INSTALL SEWER LATERALS OF PVC SDR-26 AS SHOWN, WITH AN ACCESSIBLE CLEANOUT AS SHOWN; SLOPE LATERALS AT 1.5% MINIMUM.
8. PERFORM HYDROSTATIC PRESSURE TEST ON WATER MAINS (150 PSI FOR 2 HOURS) AND LOW-PRESSURE AIR TEST ON SEWER LATERALS (4 PSI FOR 15 MINUTES) IN ACCORDANCE WITH FDEP GUIDELINES; PROVIDE TEST REPORTS TO ENGINEER.
9. DISINFECT WATER AND SERVICES BY CHLORINATION (50 MG/L CHLORINE RESIDUAL FOR 24 HOURS), THEN FLUSH UNTIL CHLORINE RESIDUAL IS <1 MG/L; SUBMIT BACTERIOLOGICAL TEST RESULTS FROM A STATE-CERTIFIED LAB.
10. PROTECT ADJACENT PAVEMENTS, SIDEWALKS, AND STRUCTURES DURING EXCAVATION; RESTORE ALL SURFACES TO EQUAL OR BETTER CONDITION THAN EXISTING.
11. MAINTAIN EXISTING SERVICE TO OCCUPIED BUILDINGS; COORDINATE ANY SHUTDOWNS WITH THE UTILITY DEPARTMENT AT LEAST 7 DAYS IN ADVANCE AND PROVIDE TEMPORARY SERVICE IF REQUESTED.
12. INSTALL TEMPORARY TRENCH PAVING OR COLD-PATCH ASPHALT OVER OPEN TRENCHES IN PUBLIC ROADWAYS AND PARKING LOT AT THE END OF EACH WORKDAY; PERMANENT PAVEMENT REPAIRS SHALL CONFORM TO FDOT STANDARDS
13. ALL MATERIALS AND WORKMANSHIP ARE SUBJECT TO INSPECTION BY WASHINGTON COUNTY BUILDING DEPARTMENT AND THE CITY OF CHIPLEY ; DO NOT COVER OR BACKFILL WITHOUT APPROVED INSPECTION.
14. SUBMIT "AS-BUILT" UTILITY PLANS SHOWING INVERT/ELEVATION DATA, SERVICE LOCATIONS, AND MATERIAL TYPES IN BOTH PDF AND AUTOCAD FORMATS UPON COMPLETION.

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UTILITY PLAN

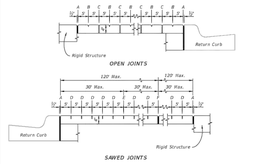
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## GENERAL NOTES:

1. Construct sidewalks in accordance with Specification 522. Use 6" concrete for Sidewalks and Curb Ramps Located within Curb Returns (See Plan View). Install at other concrete with thickness as shown, unless otherwise detailed in the Plans.
2. Include detectable warnings on sidewalk curb ramps in accordance with Index 522-002.
3. For Driveways see Index 522-001.
4. Bond breaker material can be any impermeable coated or sheet membrane or preformed material having a thickness of not less than 6 mils and not more than 10.
5. Construct sidewalks with Edge Beam through the limits of any surface mounted Pedestrian/Bicycle Railing or Pile Guiderail shown in the plans. (See RAIL(10) DETAIL)




LEGEND:

A- 5/8" Expansion Joints (Preformed Joint Filler) between the sidewalk and; driveways, sidewalk-intersections, and all other fixed objects (e.g. drainage inlets and utility poles).

B- 3/4" Dummy Joints, Tooled

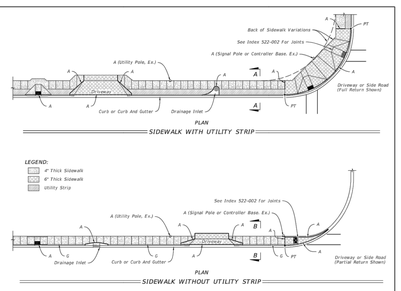
C- 3/4" Formed Open Joints

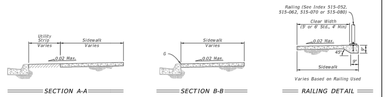
D- 5/8" Saw Cut Joints, 1'D" Deep (within 96 hours) Max. 5' Centers

E- 5/8" Saw Cut Joints, 1'D" Deep (within 12 hours) Max. 30' Centers (Joints) Required When Length Exceeds 30'

F- 5/8" Expansion Joint When Run Of Sidewalk Exceeds 120'. Intermediate locations when called for in the plans or at locations as directed by the Engineer.

G- Cold Joint With Bond Breaker, Tooled

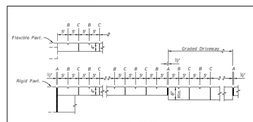



SIDEWALK JOINTS

GENERAL NOTES AND CONCRETE SIDEWALK ON CURBED ROADWAYS

| LAST REVISION | DESCRIPTION: | FDOT | FY 2025-26 STANDARD PLANS | CONCRETE SIDEWALK | INDEX | SHEET |
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| 11/01/18 | | | | | 522-001 | 1 of 2 |




LEGEND:

A- 5/8" Expansion Joints (Preferred Joint Filler) between the sidewalk and driveways, sidewalk-intersections, and all other fixed objects (e.g. drainage inlets and utility poles).

B- 3/4" Dummy Joints, Tooled

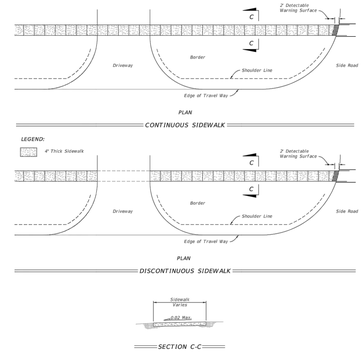
C- 3/4" Formed Open Joints

D- 5/8" Saw Cut Joints, 1'D" Deep (within 96 hours) Max. 5' Centers

E- 5/8" Saw Cut Joints, 1'D" Deep (within 12 hours) Max. 30' Centers (Joints) Required When Length Exceeds 30'

F- 5/8" Expansion Joint When Run Of Sidewalk Exceeds 120'. Intermediate locations when called for in the plans or at locations as directed by the Engineer.

SIDEWALK JOINTS




CONCRETE SIDEWALK ON FLUSH SHOULDER ROADWAYS

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|---|---|---|---|---|---|---|
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## GENERAL NOTES:

1. Unless otherwise designated in the plans, concrete pipe mitered end sections may be used with any type of side drain pipe; corrugated steel pipe mitered end sections may be used with any type of side drain pipe except aluminum pipe; and, corrugated aluminum mitered end sections may be used with any type of side drain pipe except steel pipe. When the mitered end section pipe is dissimilar to the side drain pipe, construct the mitered end sections with like pipe or concrete pipe. When the mitered end section pipe is dissimilar to the side drain pipe, construct a concrete jacket in accordance with Index 430-001 or use manufacturer approved coupler.
2. Use either corrugated metal or concrete mitered end sections for corrugated polyethylene pipe (HDPE), polyvinyl-chloride pipe (PVC), steel reinforced polyethylene pipe (SRPE), and polypropylene pipe (PP). When used in conjunction with corrugated metal mitered end sections, make connection using a formed metal band specifically designated to join HDPE, PVC, SRPE, or PVC pipe. When used in conjunction with a concrete mitered end sections, construct concrete jacket in accordance with Index 430-001.
3. Use class RS concrete cast-in-place reinforced slabs for all cross drain pipes.
4. Select lengths of concrete pipe that avoid excessive connections in the assembly of the mitered end section.
5. Repair corrugated metal pipe galvanizing that is damaged during beveling and perforating.
6. When existing multiple side drain pipes are spaced other than the dimensions shown in this Index, have interplanted axes, or non-uniform sections, either construct the mitered end sections separately as single pipe or collectively as multiple pipe end sections as directed by the Engineer.
7. Saddle Slope:
   1:4 Miter - Slope to 6" pipe for round pipes less than or equal to 18" diameter and 1:3 for round pipes greater than or equal to 24" diameter.
   Slope to the major axis for elliptical pipes 24"x38" or smaller and 1:3 for pipes 29"x45" or larger.
   Slope to the span rise for pipe arch 29"x20" or smaller and 1:3 for pipe arch 33"x24" or larger.
   1:2 Miter - Slope to 6" pipe for round pipes less than or equal to 18"diameter and 1:3 for round pipes greater than or equal to 24" diameter.
   Slope to the major axis for elliptical pipes 29"x45" or smaller and 1:1 for pipes 34"x53" or larger.
   Slope 1:1 for all pipe arch sizes.
8. Quantities shown are for estimating purposes only.

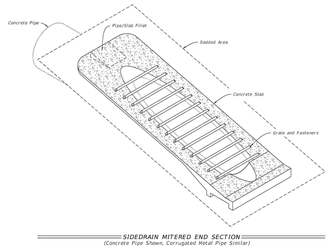
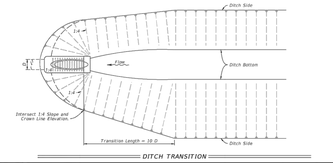
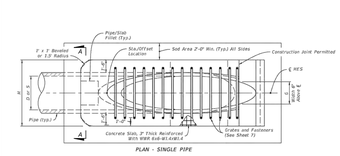


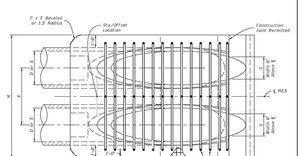

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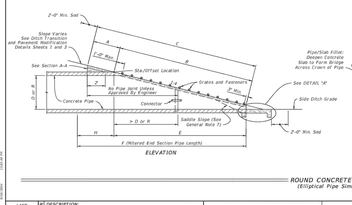

| Sheet | Description |
|---|---|
| 1 | General Notes and Contents |
| 2 | Single and Multiple Concrete Pipe |
| 3 | Concrete Pipe Dimensions and Quantities and Permissible Pavement Modification |
| 4 | Single and Multiple Corrugated Metal Pipe |
| 5 | Corrugated Metal Dimensions and Quantities |
| 6 | Concrete Pipe Connection and Corrugated Metal Pipe Anchor Details |
| 7 | Fastener Unit and Grate Details |

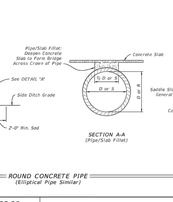



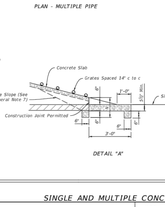

| LAST REVISION | DESCRIPTION: | FDOT | FY 2025-26 STANDARD PLANS | SIDE DRAIN MITERED END SECTION | INDEX | SHEET |
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ROUND CONCRETE PIPE
(Elliptical Pipe Similar)

SINGLE AND MULTIPLE CONCRETE PIPE

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| 11/01/18 | | | | | 430-022 | 2 of 7 |

SINGLE AND MULTIPLE CONCRETE PIPE DIMENSIONS AND QUANTITIES

| Dia. | Pipe Area | Rise | Span | A | B | C | E | F | G | H | N | SINGLE SIZE: Simple Pipe | SINGLE SIZE: Double Pipe | SINGLE SIZE: Triple Pipe | SINGLE SIZE: Quad. Pipe | 2 CONC. SLAB (CY): Simple Pipe | 2 CONC. SLAB (CY): Double Pipe | 2 CONC. SLAB (CY): Triple Pipe | 2 CONC. SLAB (CY): Quad. Pipe | GOODING (SF): Simple Pipe | GOODING (SF): Double Pipe | GOODING (SF): Triple Pipe | GOODING (SF): Quad. Pipe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14" | — | 2'-0" | 2'-0" | 4'-0" | 4'-0" | 4'-0" | 4'-0" | 1'-0" | 4'-0" | 4'-0" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 15" | — | 2'-3" | 2'-3" | 4'-3" | 4'-3" | 4'-3" | 4'-3" | 1'-0" | 4'-3" | 4'-3" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 18" | — | 2'-6" | 2'-6" | 4'-6" | 4'-6" | 4'-6" | 4'-6" | 1'-0" | 4'-6" | 4'-6" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 19" | — | 2'-9" | 2'-9" | 4'-9" | 4'-9" | 4'-9" | 4'-9" | 1'-0" | 4'-9" | 4'-9" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 23" | — | 3'-3" | 3'-3" | 5'-3" | 5'-3" | 5'-3" | 5'-3" | 1'-0" | 5'-3" | 5'-3" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 24" | 2 | 3'-0" | 3'-0" | 5'-0" | 5'-0" | 5'-0" | 5'-0" | 1'-0" | 5'-0" | 5'-0" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 24" | — | 3'-0" | 3'-0" | 5'-0" | 5'-0" | 5'-0" | 5'-0" | 1'-0" | 5'-0" | 5'-0" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 29" | — | 3'-6" | 4'-6" | 5'-6" | 6'-0" | 6'-0" | 5'-6" | 1'-0" | 5'-6" | 5'-6" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 30" | — | 4'-0" | 4'-0" | 6'-0" | 6'-0" | 6'-0" | 6'-0" | 1'-0" | 6'-0" | 6'-0" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 34" | — | 4'-3" | 5'-3" | 6'-3" | 6'-6" | 6'-6" | 6'-3" | 1'-0" | 6'-3" | 6'-3" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 36" | — | 4'-6" | 5'-6" | 6'-6" | 6'-6" | 6'-6" | 6'-6" | 1'-0" | 6'-6" | 6'-6" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 38" | — | 4'-9" | 5'-9" | 6'-9" | 6'-9" | 6'-9" | 6'-9" | 1'-0" | 6'-9" | 6'-9" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 42" | — | 5'-3" | 6'-3" | 7'-3" | 7'-3" | 7'-3" | 7'-3" | 1'-0" | 7'-3" | 7'-3" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 43" | — | 5'-4" | 6'-4" | 7'-4" | 7'-4" | 7'-4" | 7'-4" | 1'-0" | 7'-4" | 7'-4" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 48" | — | 6'-0" | 7'-0" | 8'-0" | 8'-0" | 8'-0" | 8'-0" | 1'-0" | 8'-0" | 8'-0" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 53" | — | 6'-7" | 7'-7" | 8'-7" | 8'-7" | 8'-7" | 8'-7" | 1'-0" | 8'-7" | 8'-7" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 54" | — | 6'-9" | 7'-9" | 8'-9" | 8'-9" | 8'-9" | 8'-9" | 1'-0" | 8'-9" | 8'-9" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 60" | — | 7'-6" | 8'-6" | 9'-6" | 9'-6" | 9'-6" | 9'-6" | 1'-0" | 9'-6" | 9'-6" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 66" | — | 8'-3" | 9'-3" | 10'-3" | 10'-3" | 10'-3" | 10'-3" | 1'-0" | 10'-3" | 10'-3" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 72" | — | 9'-0" | 10'-0" | 11'-0" | 11'-0" | 11'-0" | 11'-0" | 1'-0" | 11'-0" | 11'-0" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 78" | — | 9'-9" | 10'-9" | 11'-9" | 11'-9" | 11'-9" | 11'-9" | 1'-0" | 11'-9" | 11'-9" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |
| 84" | — | 10'-6" | 11'-6" | 12'-6" | 12'-6" | 12'-6" | 12'-6" | 1'-0" | 12'-6" | 12'-6" | | 7.23 | 14.46 | 21.69 | 28.92 | 0.78 | 1.56 | 2.34 | 3.12 | 9 | 18 | 27 | 36 |

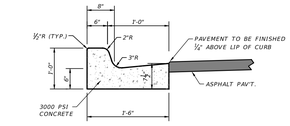
(A-A)2 = 3.14 (B-3)(D-3) + 3.14 (3/2)2

(B-3)' Dimensions permitted to allow use of 8' standard pipe lengths.
(D-3)2 Dimensions permitted to allow use of 12' standard pipe lengths.




CONCRETE PIPE DIMENSIONS AND QUANTITIES AND PERMISSIBLE PAVEMENT MODIFICATION

| LAST REVISION | DESCRIPTION: | FDOT | FY 2025-26 STANDARD PLANS | SIDE DRAIN MITERED END SECTION | INDEX | SHEET |
|---|---|---|---|---|---|---|
| 11/01/19 | | | | | 430-022 | 3 of 7 |

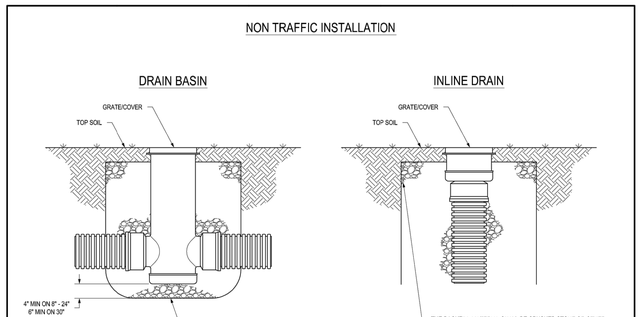



**MOD. TYPE "F" CURB & GUTTER**
SCALE: NTS

CURB CONSTRUCTION NOTES:

1. CURBS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 520 AND THESE NOTES.
2. PROVIDE ½" CONTRACTION JOINTS AT 10' CENTERS (MAX.) AND NOT LESS THAN 4' IN LENGTH.
3. CONSTRUCT EXPANSION JOINTS AT ALL INLET LOCATIONS, RADIUS POINTS, AND OTHER LOCATIONS AS INDICATED IN THE PLANS. LOCATED THEM AT INTERVALS NOT TO EXCEED 50 FEET BETWEEN OTHER EXPANSION JOINTS OR THE END OF A RUN. JOINTS ARE TO BE MIN. ½" IN WIDTH.
4. PROVIDE A MIN. 2½" COVER FOR ALL CURB REINFORCEMENT.
5. WHEN USED ON THE HIGH SIDE OF ROADWAYS OR PARKING AREAS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT

## NON TRAFFIC INSTALLATION



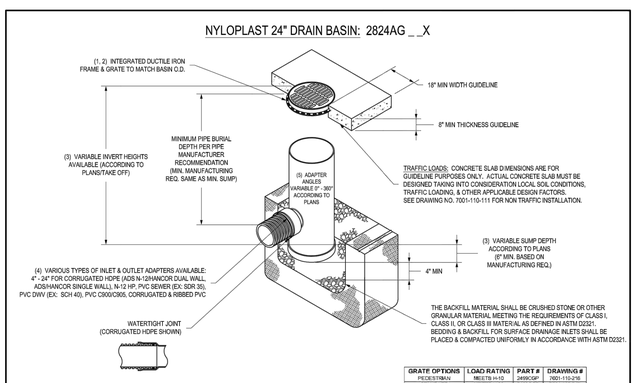

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| | |
|---|---|
| DRAWN BY | CJA |
| DATE | 9-30-99 |
| REVISED BY | NMH |
| DATE | 03-11-16 |
| DWG SIZE | A |
| MATERIAL | |
| PROJECT NO./NAME | |
| SCALE | 1:25 |
| SHEET | 1 OF 1 |
| DWG NO. | 7001-110-111 |
| REV | E |

Nyloplast
3126 VERONA AVE
BUFORD, GA 30518
PHN (770) 932-2443
FAX (770) 932-2499
www.nyloplast-us.com

TITLE: DRAIN BASIN & INLINE DRAIN NON TRAFFIC INSTALLATION

## NYLOPLAST 24" DRAIN BASIN: 2824AG _ _X




| GRATE OPTIONS | LOAD RATING | PART # | DRAWING # |
|---|---|---|---|
| PEDESTRIAN | MEETS H-10 | 2499GRP | 7001-110-216 |
| STANDARD | MEETS H-20 | 2499CGS | 7001-110-217 |
| BOLT-DOWN | MEETS H-20 | 2499DGS | 7001-110-218 |
| CORE | N/A | 2499CGS-1 | 7001-110-219 |
| DROP IN GRATE | LIGHT DUTY | 2401CR | 7001-110-075 |

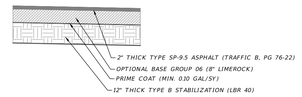
1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
2 - FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 96" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065.
4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP & PVC SEWER.
5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-212.

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| | |
|---|---|
| DRAWN BY | EBC |
| DATE | 04-05-06 |
| REVISED BY | NMH |
| DATE | 03-14-16 |
| DWG SIZE | A |
| MATERIAL | |
| PROJECT NO./NAME | |
| SCALE | 1:40 |
| SHEET | 1 OF 1 |
| DWG NO. | 7001-110-102 |
| REV | E |

ADS Nyloplast
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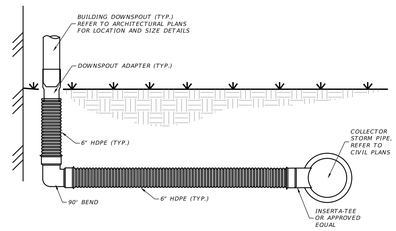
TITLE: 24 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL




**ASPHALT PAVEMENT DETAIL**
SCALE: NTS

ASPHALT PAVEMENT NOTES:

1. ALL ASPHALT MIXTURES SHALL CONFORM TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
2. ASPHALT MIX DESIGNS SHALL BE FDOT-APPROVED AND IN ACCORDANCE WITH SECTION 334 (SUPERPAVE ASPHALT CONCRETE MIXTURES).
3. ASPHALT SHALL BE PLACED IN UNIFORM LIFTS AND COMPACTED TO A MINIMUM OF 92% GMM PER FDOT SECTION 330 REQUIREMENTS.
4. ENSURE UNDERLYING BASE OR STRUCTURAL COURSE IS PROPERLY PREPARED AND ACCEPTED PRIOR TO ASPHALT PLACEMENT.
5. CONTRACTOR SHALL PERFORM QUALITY CONTROL TESTING IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 334-6.
6. SURFACE SHALL MEET THE SMOOTHNESS AND CROSS SLOPE TOLERANCES PER FDOT SPECIFICATION SECTION 330-12.




**DOWNSPOUT CONNECTION DETAIL**
SCALE: NTS

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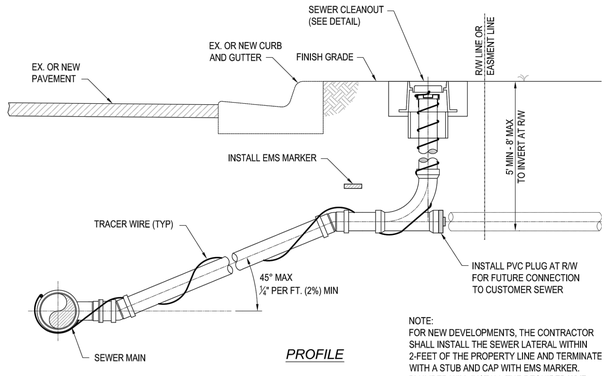
REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|

Project Number 25014
Dated 09-03-2025

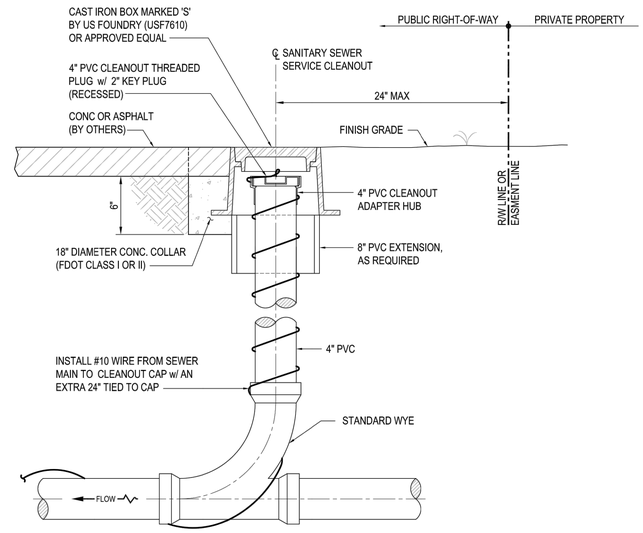
SITE DETAILS

**C007**

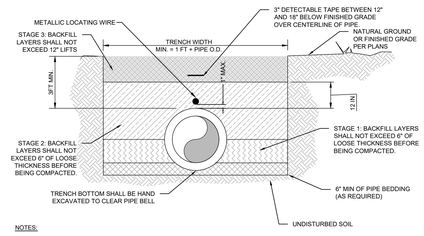



NOTE:
FOR NEW DEVELOPMENTS, THE CONTRACTOR SHALL INSTALL THE SEWER LATERAL WITHIN 2-FEET OF THE PROPERTY LINE AND TERMINATE WITH A STUB AND CAP WITH EMS MARKER. PLUMBER WILL INSTALL THE REQUIRED WYE AND CLEANOUT UPON CONNECTION.

## SANITARY SEWER LATERAL
N.T.S.



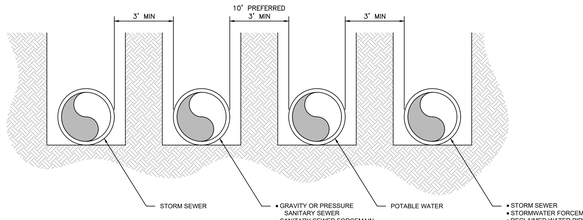

## SANITARY SEWER CLEANOUT
N.T.S.




NOTES:

1. TESTING: SEE SPECIFICATION 331001, PART 4.12 FOR TESTING REQUIREMENTS.
2. BEDDING: 6 INCHES BEDDING (MIN) AS REQUIRED. IN THE EVENT UNSUITABLE OR UNSTABLE SOIL IS ENCOUNTERED, REMOVE IT AND REPLACE WITH MATERIAL MEETING AASHTO SOIL CLASSIFICATION A-1, A-2, OR A-3. SEE SPECIFICATION 331001 PART 4.4.
3. STAGE 1: ADEQUATE COMPACTED FILL SHALL BE PLACED ABOVE THE BEDDING MATERIAL AND BENEATH THE HAUNCHES OF THE PIPE. BACKFILL LAYERS SHALL NOT EXCEED 6 INCHES OF LOOSE THICKNESS BEFORE BEING COMPACTED.
4. STAGE 2: BACKFILL LAYERS SHALL NOT EXCEED 6 INCHES OF LOOSE THICKNESS BEFORE BEING COMPACTED. COMPACTION SHALL BE 98% OF THE MAXIMUM DENSITY (AASHTO T-180/ASTM D1557) TO A POINT 1 FT ABOVE THE PIPE (OR AS STATED IN THE SPECIFICATION).
5. STAGE 3: BACKFILL LAYERS SHALL NOT EXCEED 12-INCH LIFTS. COMPACTION SHALL BE 98% OF THE MAXIMUM DENSITY (AASHTO T-180/ASTM D1557) OR AS STATED IN THE SPECIFICATION
6. CROWN TRENCH IN UNIMPROVED AREAS 3" MIN.
7. DETECTABLE TAPE SHALL BE MARKED IN ACCORDANCE WITH ACCOMPANYING UTILITY, SHALL BE INSTALLED DURING PIPE INSTALLATION, AND SHALL NOT BE INSTALLED WITH A TRENCHER.
8. ALL NON-METALLIC PIPE SHALL REQUIRE INSULATED METALLIC LOCATING WIRE (10 GA COPPER) CAPABLE OF DETECTION BY A CABLE LOCATOR AND SHALL BE BURIED DIRECTLY ABOVE THE CENTERLINE OF THE PIPE.
9. LOCATING WIRE SHALL TERMINATE AT THE VALVE BOX OR LOCATE STATION AS SHOWN IN THE RESPECTIVE DETAILS.
10. USE DUCT TAPE AS NECESSARY TO HOLD WIRE ON THE TOP OF THE PIPE DURING CONSTRUCTION.
11. ALL SPLICES SHALL BE MADE USING A WATER-TIGHT SEALING METHOD APPROVED BY THE UTILITY AUTHORITY.

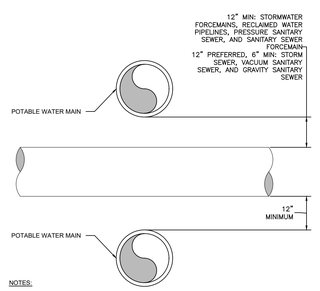
## UTILITY TRENCH DETAIL
## FOR UNIMPROVED AREAS
N.T.S.




NOTES:

1. PREFERRED OFFSETS SHALL BE MAINTAINED. IF CONSTRUCTIBLE. SHOULD FIELD CONDITIONS APPEAR TO PREVENT ANY MINIMUM SEPARATION REQUIREMENTS FROM BEING MAINTAINED. CONSULT ENGINEER OF RECORD PRIOR TO PROCEEDING.
2. 10' MINIMUM OFFSET BETWEEN POTABLE WATER AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM (OSTDS).
3. 3' OFFSET ALLOWED BETWEEN GRAVITY SANITARY SEWER AND POTABLE WATER IF BOTTOM OF WATER IS AT LEAST 6" ABOVE TOP OF GRAVITY SANITARY SEWER.
4. DETAIL IS PROVIDED FOR CONVENIENCE. REFER TO RULE 62-555.314, F.A.C., AND 62-604.400, F.A.C., FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.

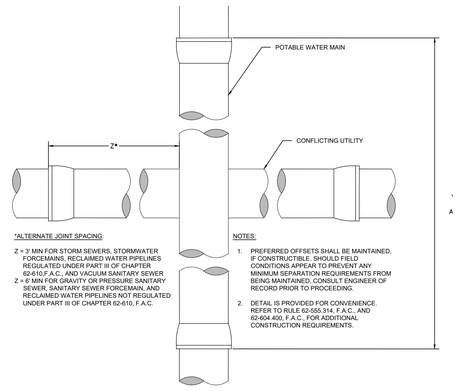
## HORIZONTAL SEPARATION
N.T.S.




NOTES:

1. PREFERRED OFFSETS SHALL BE MAINTAINED. IF CONSTRUCTIBLE. SHOULD FIELD CONDITIONS APPEAR TO PREVENT ANY MINIMUM SEPARATION REQUIREMENTS FROM BEING MAINTAINED. CONSULT ENGINEER OF RECORD PRIOR TO PROCEEDING.
2. DETAIL IS PROVIDED FOR CONVENIENCE. REFER TO RULE 62-555.314, F.A.C., AND 62-604.400, F.A.C., FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.

## VERTICAL SEPARATION - CROSSING
N.T.S.




*ALTERNATE JOINT SPACING:

Z = 3' MIN FOR STORM SEWERS, STORMWATER FORCEMAINS, RECLAIMED WATER PIPELINES REGULATED UNDER PART III OF CHAPTER 62-610,F.A.C., AND VACUUM SANITARY SEWER
Z = 6' MIN FOR GRAVITY OR PRESSURE SANITARY SEWER, SANITARY SEWER FORCEMAIN, AND RECLAIMED WATER PIPELINES NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

NOTES:

1. PREFERRED OFFSETS SHALL BE MAINTAINED, IF CONSTRUCTIBLE. SHOULD FIELD CONDITIONS APPEAR TO PREVENT ANY MINIMUM SEPARATION REQUIREMENTS FROM BEING MAINTAINED, CONSULT ENGINEER OF RECORD PRIOR TO PROCEEDING.
2. DETAIL IS PROVIDED FOR CONVENIENCE. REFER TO RULE 62-555.314, F.A.C., AND 62-604.400, F.A.C., FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.

## JOINT SPACING
N.T.S.

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| NO. | DESCRIPTION | DATE |
|---|---|---|

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| Project Number | **25014** |
| Dated | 09-03-2025 |

UTILITY DETAILS

# C008

## 1. INTRODUCTION

THIS DOCUMENT IS INTENDED TO PROVIDE GUIDANCE TO THE RESPONSIBLE AUTHORITY/OPERATOR FOR THE CREATION OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN COMPLIANCE WITH CHAPTER 62-621.300 (4) OF THE FLORIDA ADMINISTRATIVE CODE, WHICH PERTAINS TO THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THE ADMINISTRATIVE CODE GRANTS THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) THE AUTHORITY TO REGULATE POINT SOURCE DISCHARGE OF STORMWATER FROM CONSTRUCTION SITES.

THE INFORMATION CONTAINED HEREIN IS ORGANIZED TO CORRESPOND TO THE ITEMS OUTLINED IN PART 4 OF THE FDEP FORM 62-621.300(4)(a) 'GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES'. IT SHALL BE THE RESPONSIBILITY OF THE RESPONSIBLE AUTHORITY/OPERATOR TO DEVELOP THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN AND TO SUBMIT THE FDEP FORM 62-621.300(4)(b) 'NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES' AT LEAST TWO (2) CALENDAR DAYS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. THE RESPONSIBLE AUTHORITY/OPERATOR SHALL POST A COPY OF THE NOTICE OF INTENT (NOI) OR ACKNOWLEDGMENT LETTER FROM FDEP AT THE CONSTRUCTION SITE IN A PROMINENT PLACE FOR PUBLIC VIEWING. THE RESPONSIBLE AUTHORITY/OPERATOR SHALL ALSO MAINTAIN RECORDS OF THE SWPPP AND OTHER DOCUMENTS SPECIFIED IN THE GENERIC PERMIT AT THE CONSTRUCTION SITE TO BE AVAILABLE FOR REVIEW.

## 2. SITE DESCRIPTION

COUNTY: WASHINGTON COUNTY
SECTION, TOWNSHIP, RANGE: SECTION 5, TOWNSHIP 4N, RANGE 13W
PARCEL ID NO.: 00000000-00-2005-0000
STREET ADDRESS: 1444 JACKSON AVENUE, CHIPLEY, FL 32428
PROJECT AREA: 0.90± ACRES
SITE LOCATION MAP: REFER TO CONSTRUCTION PLANS

### A. NATURE OF CONSTRUCTION ACTIVITY

THE PROJECT IS COMPRISED OF THE CONSTRUCTION OF AN 5,200 SF EXPANSION OF A AN EXISTING LIBRARY FACILITY
ANTICIPATED START DATE:
ANTICIPATED COMPLETION DATE:

THE START AND END DATES FOR EACH MAJOR CONSTRUCTION ACTIVITY SHALL BE INCLUDED WITH THE SWPPP. THE SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES OUTLINED BELOW IS PROVIDED AS A GENERAL GUIDELINE, THE ACTUAL SEQUENCING AND DATES ARE TO BE PROVIDED IN THE SWPPP:

### B. GENERAL SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES

1. PRIOR TO CONSTRUCTION, SILT FENCING AND TREE PROTECTION FENCING SHALL BE INSTALLED AND ALL EXISTING STORM DRAINAGE SWALE AND INLETS SHALL BE PROTECTED IN ACCORDANCE WITH THE PRACTICES DESCRIBED IN 'THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL' (CURRENT EDITION) AND FDOT STANDARD SPECIFICATION SECTION 104 (CURRENT EDITION).
2. THE CONSTRUCTION SERVICE ENTRANCE SHALL BE UTILIZED TO MINIMIZE THE CREATION OF DUST AND OFF-SITE TRACKING OF SEDIMENTS.
3. ONLY THE AREA COMPRISING THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CLEARED AND GRUBBED OF UNWANTED VEGETATION.
4. THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CONSTRUCTED.
5. IF SUITABLE, THE EXCAVATED SOIL FROM THE FACILITY(S) MAY BE USED AS FILL FOR ON-SITE GRADING THAT IS DEPICTED IN THESE CONSTRUCTION PLANS. THE CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL ON-SITE OR OFF-SITE TO A PERMITTED LOCATION.
6. THE REMAINING PORTION OF THE SITE THAT IS TREATED BY THE CONSTRUCTED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CLEARED AND GRUBBED.
7. THE PERMANENT ROADWAYS/ DRIVEWAYS SHALL BE ROUGHLY GRADED.
8. THE UNDERGROUND UTILITIES INFRASTRUCTURE AND STORMWATER PIPING SYSTEM SHALL BE INSTALLED. ANY DE-WATERING (PUMPED) SHALL BE DIVERTED TO THE ASSOCIATED STORMWATER MANAGEMENT FACILITY(S).
9. THE PERMANENT ROADWAY / DRIVEWAY SUBGRADE SHALL BE COMPACTED, A BASE SHALL BE ESTABLISHED, AND THEN FOLLOWED BY AN OVERLAY OF ASPHALT OR CONCRETE PAVEMENT.
10. UPON SIGNIFICANT COMPLETION OF CONSTRUCTION, THE STORMWATER PIPING SYSTEM SHALL BE FLUSHED OUT TO REMOVE ACCUMULATED DEBRIS AND SEDIMENT.
11. UPON COMPLETION OF THE DEBRIS AND SEDIMENT REMOVAL FROM THE STORMWATER PIPING SYSTEM, THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE FINE GRADED AND BE EXCAVATED TO THE DESIGN BOTTOM ELEVATION. ONCE COMPLETED, NO HEAVY MACHINERY SHALL BE ALLOWED WITHIN THE STORMWATER MANAGEMENT FACILITY(S).
12. ALL REMAINING DISTURBED AREAS WITHIN THE CONSTRUCTION AREA SHALL BE COMPLETELY GRASSED AND/OR LANDSCAPED ACCORDING TO THE CONSTRUCTION AND/OR LANDSCAPING PLANS. TURF ESTABLISHMENT SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION SECTION 570. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO REMOVAL OF SILT FENCING AND OTHER EROSION CONTROL APPLICATIONS.

### C. SITE AREA ESTIMATES AND RUNOFF DATA:

TOTAL PROJECT SITE AREA: 11.82± ACRES
TOTAL SITE AREA TO BE DISTURBED: 0.90± ACRES

RUNOFF COEFFICIENTS:

PRE-DEVELOPMENT 'C' FACTOR: 0.25
POST-DEVELOPMENT 'C' FACTOR: 0.25

### D. SOIL CONDITIONS AND STORMWATER QUALITY

THE NRCS DATA FOR THE SITE REVEALS THAT THE SITE SOILS ARE COMPRISED OF REFER TO GEOTECHNICAL REPORT. REFER TO THE GENERAL NOTES SHEET IN THE CONSTRUCTION PLANS FOR INFORMATION REGARDING THE GEOTECHNICAL INVESTIGATIONS FOR THE SITE.

### E. SITE MAP

REFER TO CONSTRUCTION PLANS

### F. STORMWATER OUTFALL LOCATION AND RECEIVING WATER BODY.

| OUTFALL ID# | LOCATION | RECEIVING WATERBODY |
|---|---|---|
| CONCRETE FLUME | 30.78'N 85.55'W | TRIB. TO ALLIGATOR CREEK |

## 3. CONTROLS TO REDUCE POLLUTION

ALL CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN A MANNER AS TO NOT VIOLATE STATE WATER QUALITY STANDARDS. PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY, THE RESPONSIBLE AUTHORITY/OPERATOR SHALL IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES TO RETAIN SEDIMENT ON-SITE IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). IF SITE CONDITIONS ARE SUCH THAT ADDITIONAL CONTROL MEASURES ARE REQUIRED OTHER THAT WHAT IS OUTLINED IN THE SWPPP, THE RESPONSIBLE AUTHORITY/OPERATOR OR OTHER SUBCONTRACTORS SHALL IMPLEMENT ADDITIONAL BEST MANAGEMENT PRACTICES. REGULAR INSPECTION AND MAINTENANCE OF THESE MEASURES IS REQUIRED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. THE FOLLOWING INFORMATION IS INTENDED TO PROVIDE GUIDANCE ON STANDARD MEASURES AND BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL. PLEASE REFER TO THE SWPPP FOR SPECIFIC DETAILS AND REQUIREMENTS FOR THE SITE.

## 4. EROSION AND SEDIMENT CONTROLS

### A. GENERAL STABILIZATION PRACTICES

EXISTING TREES AND NATURAL VEGETATION TO REMAIN ON-SITE SHALL BE PROTECTED BY TREE BARRICADE FENCING AS DEPICTED. TYPE III SILT FENCING SHALL PROTECT ALL DRAINAGE STRUCTURES AND SHALL BUFFER AREAS WITH POTENTIAL TO CONTRIBUTE OFF-SITE RUNOFF AND AS SPECIFICALLY DEPICTED ON THE SWPPP. STABILIZATION MEASURES SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED AREAS AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN SEVEN (7) DAYS OR AS REQUIRED BY THE PERMITTING AGENCY, IN PORTIONS OF THE SITE WHERE CONSTRUCTION TEMPORARILY OR PERMANENTLY CEASED. UPON COMPLETION OF CONSTRUCTION, ALL STORMWATER MANAGEMENT FACILITIES SHALL BE SCRAPED CLEAN OF ANY ACCUMULATED SEDIMENT OR DEBRIS. ALL TURF ESTABLISHMENT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF FDOT STANDARD SPECIFICATION SECTION 570 AND EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO THE REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES.

### B. GENERAL STORM STRUCTURE PROTECTION PRACTICES

A STORMWATER MANAGEMENT SYSTEM WILL BE CONSTRUCTED IN ACCORDANCE WITH THE CONSTRUCTION PLANS AND WILL BE COMPRISED OF A WET DETENTION FACILITY AND A STORM PIPE CONVEYANCE SYSTEM. TO PREVENT EROSION DURING CONSTRUCTION, TYPE III SILT FENCING IS TO BE INSTALLED IN THE LOCATIONS SHOWN WITHIN THE CONSTRUCTION PLANS AND THE SWPPP. ALL EXISTING AND PROPOSED STORM DRAINS AND DRAINAGE SWALES SHALL BE PROTECTED IN ACCORDANCE WITH THE MEASURES DETAILED IN THE SWPPP AND/OR THE 'STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL' (CURRENT EDITION) UNTIL CONSTRUCTION HAS BEEN COMPLETED. UPON COMPLETION OF CONSTRUCTION OR SOIL DISTURBANCE ACTIVITIES, THE STORM PIPE CONVEYANCE SYSTEM SHALL BE FLUSHED TO REMOVE ALL ACCUMULATED DEBRIS AND SEDIMENT.

### C. DRAINAGE AREAS SERVING LESS THAN 10 DISTURBED ACRES

DRAINAGE AREAS THAT ARE COMPRISED OF 10 DISTURBED ACRES OR LESS ARE RECOMMENDED TO UTILIZE SEDIMENT BASINS AND/OR TRAPS IF THE AREA IS NOT SERVED BY A PERMANENT STORMWATER MANAGEMENT FACILITY. IF A PERMANENT STORMWATER MANAGEMENT FACILITY IS PROPOSED TO BE USED AS A SEDIMENT BASIN AND/OR TRAP, APPROPRIATE MEASURES SHALL BE TAKEN TO ENSURE REMOVAL OF ANY ACCUMULATED SEDIMENT OR DEBRIS TO ASSURE THE DESIGN CAPACITY OF THE FACILITY IS PROVIDED. SILT FENCES OR OTHER SEDIMENT CONTROL SHALL BE INSTALLED AS OUTLINE IN THE CONSTRUCTION PLANS AND THE SWPP. LOCATION WHERE SILT FENCE SHALL BE INSTALLED INCLUDES, BUT IS NOT LIMITED TO, SIDE SLOPE AND DOWN SLOPE BOUNDARIES, INLET LOCATIONS, OUTLET LOCATIONS, WETLAND SETBACKS, OR AS OTHERWISE NOTED IN THE SWPPP. UPON COMPLETION OF CONSTRUCTION OR SOIL DISTURBING ACTIVITIES, SIDE SLOPES, SWALES, AND ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS AND LANDSCAPING AS SPECIFIED ON THE CONSTRUCTION DRAWINGS. NOTE THAT EROSION CONTROL IS SUBJECT TO THE SWPPP AND MAY BE AMENDED BY THE RESPONSIBLE AUTHORITY/OPERATOR AS NEEDED TO ENSURE SEDIMENTATION IS ADEQUATELY CONTROLLED.

### D. DRAINAGE AREAS SERVING MORE THAN 10 DISTURBED ACRES

DRAINAGE AREAS THAT ARE COMPRISED OF 10 DISTURBED ACRES OR MORE ARE REQUIRED TO UTILIZE SEDIMENT BASINS AND/OR TRAPS IF THE AREA IS NOT SERVED BY A PERMANENT STORMWATER MANAGEMENT FACILITY. IF A PERMANENT STORMWATER MANAGEMENT FACILITY IS PROPOSED TO BE USED AS A SEDIMENT BASIN AND/OR TRAP, APPROPRIATE MEASURES SHALL BE TAKEN TO ENSURE REMOVAL OF ANY ACCUMULATED SEDIMENT OR DEBRIS TO ASSURE THE DESIGN CAPACITY OF THE FACILITY IS PROVIDED. SILT FENCES OR OTHER SEDIMENT CONTROL SHALL BE INSTALLED AS OUTLINE IN THE CONSTRUCTION PLANS AND THE SWPPP. LOCATIONS WHERE SILT FENCE SHALL BE INSTALLED INCLUDES, BUT IS NOT LIMITED TO, SIDE SLOPE AND DOWN SLOPE BOUNDARIES, INLET LOCATIONS, OUTLET LOCATIONS, WETLAND SETBACKS, OR AS OTHERWISE NOTED IN THE SWPPP. UPON COMPLETION OF CONSTRUCTION OR SOIL DISTURBING ACTIVITIES, SIDE SLOPES, SWALES, AND ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS AND LANDSCAPING AS SPECIFIED ON THE CONSTRUCTION DRAWINGS. NOTE THAT EROSION CONTROL IS SUBJECT TO THE SWPPP AND MAY BE AMENDED BY THE RESPONSIBLY AUTHORITY/OPERATOR AS NEEDED TO ENSURE SEDIMENTATION IS ADEQUATELY CONTROLLED.

## 5. STORMWATER MANAGEMENT PRACTICES

### A. BEST MANAGEMENT PRACTICES

AFTER CONSTRUCTION, THE STORMWATER MANAGEMENT SYSTEM SHALL BE MAINTAINED IN ACCORDANCE WITH THE SPECIFIED STORMWATER MAINTENANCE NOTES IN THE INCLUDED CONSTRUCTION DRAWINGS AND/OR RESPECTIVE MAINTENANCE REPORTS. SPECIFICALLY, THE PROPOSED SMF(S) SHALL BE MOWED REGULARLY IN THE SPECIFIED AREAS; STORM PIPES AND STRUCTURES WILL BE INSPECTED SEMI-ANNUALLY AND CLEANED ANNUALLY.

### B. VEGETATED SWALES

WHEN VEGETATED SWALES ARE UTILIZED, SILT FENCING OR EQUIVALENT SEDIMENT CONTROLS SHALL BE INSTALLED AT ADEQUATE INTERVALS TO COLLECT SEDIMENT ALONG THE SWALE. THE SEDIMENT SHALL BE REMOVED WHEN SEDIMENT REACHES ONE-THIRD OF THE HEIGHT OF THE SILT FENCING.

### C. VELOCITY DISSIPATION DEVICES AT DISCHARGE POINTS

WHEN DISCHARGE POINTS ARE NOT LOCATED UNDER WATER, RIPRAP PADS HAVE BEEN PROVIDED AT LOCATIONS WHERE NECESSARY DUE TO ANTICIPATED DISCHARGE VELOCITIES. PLEASE SEE THE CONSTRUCTION PLANS FOR DETAILS AND LOCATIONS, AS NEEDED.

## 6. CONTROLS FOR OTHER POTENTIAL POLLUTANTS

### A. WASTE DISPOSAL

DISPOSE OF ALL UNSUITABLE MATERIALS AND CONSTRUCTION DEBRIS IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS. THE METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE SPECIFIED IN THE SWPPP OR APPROVED BY THE ENGINEER: PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES, DISPOSE OF ALL FERTILIZERS OR OTHER CHEMICAL CONTAINERS TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER, DISPOSE OF SOLID MATERIALS, INCLUDING BUILDING AND CONSTRUCTION MATERIALS, OFF THE PROJECT SITE IN APPROVED LOCATIONS. NO MATERIALS SHALL BE DISPOSED OF IN SURFACE WATERS OR WETLANDS.

### B. OFF-SITE VEHICLE TRACKING & DUST CONTROL

TO MINIMIZE OFF-SITE VEHICULAR TRACKING OF SEDIMENTS AND DUST GENERATION, A STABILIZED CONSTRUCTION ENTRANCE AND SOIL TRACKING PREVENTION DEVICE SHALL BE ESTABLISHED AT ALL CONSTRUCTION ENTRANCES. INCLUDE THE FOLLOWING METHODS IN ADDITION TO THOSE SPECIFIED IN THE SWPPP OR AS DIRECTED BY THE ENGINEER: COVER LOADED HAUL TRUCKS WITH TARPAULINS, REMOVE EXCESS DIRT FROM ROADS DAILY, USE ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION OR MILLING OPERATIONS.

### C. TEMPORARY POTABLE WATER AND SANITARY SEWER SYSTEMS

ENSURE THAT TEMPORARY/CONSTRUCTION POTABLE CONNECTIONS TO EXISTING PUBLIC WATER MAINS ARE INSTALLED IN ACCORDANCE WITH THE GOVERNING AUTHORITY/UTILITY OWNER'S REQUIREMENTS. IF TEMPORARY SANITARY SYSTEMS ARE UTILIZED DURING CONSTRUCTION PROPERLY CONTROL AND DISCHARGE ANY SANITARY WASTE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

### D. FERTILIZER & PESTICIDES

THE USE OF FERTILIZERS, HERBICIDES, AND PESTICIDES ON THE PROJECT SITE WILL BE DIRECTED BY THE LANDSCAPE PLAN AND TO SUPPORT THE GROWTH OF THE PROPOSED VEGETATION. ESTABLISHING THIS VEGETATION WILL AID IN THE STABILIZATION OF THE PROJECT SITE AND REDUCE EROSION. APPLICATION RATES FOR THE FERTILIZERS, HERBICIDES, AND PESTICIDES SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS TO GUARD AGAINST OVERUSE, WHICH CAN LEAD TO VIOLATIONS OF STATE WATER QUALITY STANDARDS.

### E. HAZARDOUS MATERIAL

THE SWPPP SHALL PROVIDE A LIST OF HAZARDOUS MATERIALS THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES. THE CONSTRUCTION SITE MUST BE IN COMPLIANCE WITH STATE (FDEP RULE CHAPTER 62-25 F.A.C.) AND FEDERAL REQUIREMENTS. IN ADDITION, THE CONSTRUCTION SITE SHALL BE ALSO BE IN COMPLIANCE WITH ALL APPLICABLE LOCAL CODES, ORDINANCES, OR REQUIREMENTS.

## 7. CHANGES TO THE STORMWATER POLLUTION PREVENTION PLAN

THE SWPP SHALL BE AMENDED TO REFLECT ANY APPLICABLE CHANGES IN A STATE, REGIONAL, OR LOCAL PERMIT FOR WHICH THE RESPONSIBLE AUTHORITY/OPERATOR RECEIVES WRITTEN NOTICE. WHEN WRITTEN NOTICE IS RECEIVED, THE RESPONSIBLE AUTHORITY/OPERATOR SHALL PROVIDE A RE-CREATION OF THE SWPPP, WHICH HAS BEEN REVISED TO ADDRESS SUCH CHANGES. AMENDMENTS TO THE PLAN SHALL BE PREPARED, SIGNED, DATED, AND KEPT AS ATTACHMENTS TO THE ORIGINAL PLAN.

## 8. MAINTENANCE

THE SWPPP SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGH THE DURATION OF THE PROJECT. THE MAINTENANCE PLAN SHOULD, AT A MINIMUM, THE SWPPP SHOULD COMPLY WITH THE FOLLOWING:

A. SILT FENCE: MAINTAIN PER FDOT STANDARD SPECIFICATION SECTION 104. ANTICIPATE REPLACEMENT OF SILT FENCE ON 12 MONTH INTERVALS.
B. SEDIMENT BARRIERS: REMOVE SEDIMENT AS PER MANUFACTURE'S RECOMMENDATIONS OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS.
C. STORMWATER PONDS: REMOVE SEDIMENT FROM THE PONDS OR BASINS WHEN IT BECOMES 1.5' DEEP AT ANY POINT OR AS DIRECTED BY THE ENGINEER
D. IF REPAIRS ARE REQUIRED TO ANY OF THE EROSION AND SEDIMENT CONTROLS, IT SHALL BE INITIATED WITHIN 24 HOURS OF BEING REPORTED.

## 12. INSPECTIONS

INSPECTION OF THE PROJECT SITE AND SEDIMENT & EROSION CONTROLS SHALL BE DONE IN ACCORDANCE WITH THE SWPPP. AT A MINIMUM, QUALIFIED PERSONNEL SHALL INSPECT ITEMS A - G AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF STORM EVENT THAT IS 0.50 INCHES OR GREATER. IN ORDER TO ENSURE COMPLIANCE, RAIN GAUGE(S) SHALL BE INSTALLED AND MAINTAINED AT THE PROJECT SITE TO RECORD THE DAILY RAINFALL AMOUNTS. IN PORTIONS OF THE PROJECT WHERE PERMANENT STABILIZATION HAS BEEN COMPLETED, CONDUCT INSPECTIONS AT LEAST ONCE EVERY MONTH.

ALL INSPECTIONS ARE TO BE RECORDED AND INCLUDE THE NAME(S) AND QUALIFICATION OF THE INSPECTOR, THE DATE OF INSPECTION, RAINFALL DATA, LOCATION AND CONDITION OF CONTROL MEASURES, OBSERVATIONS, AND CORRECTIVE ACTIONS RECOMMENDED. A COPY OF THE SWPPP INSPECTION REPORT FORM FROM FDEP HAS BEEN INCLUDED ON THIS SHEET AS AN EXAMPLE. ALSO, INSPECT AND ENSURE THAT CONTROLS INSTALLED IN THE FIELD CORRESPOND TO THOSE SPECIFIED ON THE CURRENT SWPPP.

AREAS TO INSPECT INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

A. POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES
B. POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS (MS4)
C. DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED
D. AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION
E. STRUCTURAL CONTROLS
F. STORMWATER MANAGEMENT SYSTEMS
G. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE

INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTION THAT ITEMS ARE NOT IN GOOD WORKING ORDER. IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, OR PREVENT DISCHARGE POLLUTANTS, PROVIDE ADDITIONAL MEASURES AS REQUIRED AND THE RESPONSIBLE AUTHORITY/OPERATOR SHALL REVISE THE SWPPP ACCORDINGLY.

## 13. NON-STORMWATER DISCHARGES

REFER TO THE SWPPP FOR ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOW FROM FIRE FIGHTING ACTIVITIES). THE SWPPP SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT THE POLLUTION OF THESE NON-STORMWATER DISCHARGES. SUCH DISCHARGES MAY INCLUDE IRRIGATION OPERATIONS OR RUNOFF GENERATED FROM CONSTRUCTION PRACTICES.

## 14. CONTRACTORS CERTIFICATION

ENSURE THAT ALL CONTRACTORS AND SUBCONTRACTORS WORKING WITHIN THE PROJECT AREA SIGN THE FOLLOWING CERTIFICATION, AN EXAMPLE FORM HAS BEEN PROVIDED ON THIS SHEET:

"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."

## 15. RETENTION OF RECORDS

THE RESPONSIBLE AUTHORITY/OPERATOR SHALL RETAIN COPIES OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), ALL REPORTS REQUIRED BY THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES, AND ALL DATA USED TO COMPLETE THE NOTICE OF INTENT FOR A PERIOD OF AT LEAST THREE (3) YEARS FROM THE DATE THAT THE SITE HAS REACHED FINAL STABILIZATION AND THE NOTICE OF TERMINATION (N.O.T) IS SUBMITTED.

## 16. NOTICE OF TERMINATION

WHEN THE SITE HAS REACHED FINAL STABILIZATION AND ALL STORMWATER DISCHARGE AUTHORIZED BY THE GENERIC PERMIT HAS BEEN ELIMINATED, THE RESPONSIBLE AUTHORITY/OPERATOR SHALL SUBMIT ANOTICE OF TERMINATION (FDEP FORM 62-621.300(6)) THAT IS SIGNED IN ACCORDANCE WITH PART VII.C OF FDEP DOCUMENT NO. 62-621.300(4)(a) WITHIN 14 DAYS OF FINAL STABILIZATION OF THE SITE TO TERMINATE COVERAGE UNDER THIS PERMIT. THE ELIMINATION OF STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES MEANS THAT ALL DISTURBED SOILS AT THE SITE FINAL BEEN FINALLY STABILIZED AND ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED OR WILL BE REMOVED AT AN APPROPRIATE TIME, OR THAT ALL STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES FROM THE SITE THAT ARE AUTHORIZED BY THIS GENERIC PERMIT HAVE OTHERWISE BEEN ELIMINATED. FOR CONSTRUCTION ACTIVITIES WHERE THE RESPONSIBLE AUTHORITY/OPERATOR CHANGES, THE CURRENT RESPONSIBLE AUTHORITY/OPERATOR SHALL FILE A NOTICE OF TERMINATION WITHIN 14 DAYS OF RELINQUISHING CONTROL OF THE PROJECT TO THE NEW RESPONSIBLE AUTHORITY/OPERATOR. NOTE THAT COVERAGE UNDER THE GENERIC PERMIT IS NOT TRANSFERABLE.

THE NOTICE OF TERMINATION CAN BE SUBMITTED EITHER OF THE FOLLOWING WAYS:

A. ONLINE AT http://www.fldepportal.com/go/
B. EMAIL TO NPDES-stormwater@dep.state.fl.us
C. MAIL TO THE FOLLOWING ADDRESS:
NPDES STORMWATER NOTICES CENTER, MS# 2510
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROJECTION
2600 BLAIRSTONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

IF THE PROJECT DISCHARGES TO A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4), THE RESPONSIBLE AUTHORITY/OPERATION SHALL ALSO SUBMIT A COPY OF THE NOTICE OF TERMINATION OR THE ACKNOWLEDGEMENT LETTER WITHIN SEVEN (7) CALENDAR DAYS OF RECEIPT TO THE OPERATOR OF THE MS4.

## 17. OWNER'S INSTRUCTIONS FOR MAINTENANCE AND INSPECTION OF STORMWATER FACILITIES

FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES AND NOTICE OF TERMINATION, THE OWNER WILL ASSUME RESPONSIBILITY FOR THE STORMWATER SYSTEM. THE ENTIRE STORMWATER SYSTEM SHOULD BE INSPECTED ON AT LEAST A SEMI-ANNUAL BASIS. THIS SHOULD INCLUDE A VISUAL INSPECTION OF THE POND, POND BANKS, BLEED-DOWN ORIFICES, OTHER CONTROL STRUCTURES, AND DISCHARGE PIPES. THESE SHOULD BE KEPT FREE OF DEBRIS AND CLEANED ON A FREQUENCY AS REQUIRED TO KEEP THEM FUNCTIONAL, AS DESIGNED. MOWING/CLEARING AROUND THE STRUCTURES MAY BE REQUIRED TO PREVENT VEGETATION FROM CLOGGING THEM. SEDIMENT SUMPS, IF DESIGNED AND INSTALLED, SHOULD HAVE SEDIMENT REMOVED AS NECESSARY TO ALLOW THEM TO EFFICIENTLY REMOVE SUSPENDED PARTICLES. THEY SHOULD BE RE-DUG TO THE ORIGINAL DESIGN SPECIFICATIONS, IF SILTED IN.

FOR PERCOLATION TREATMENT PONDS/SWALES, THE OWNER OF THE FACILITY SHALL INSPECT THE POND BOTTOM PERIODICALLY AFTER HEAVY RAINFALL EVENTS TO CHECK FOR PERSISTENT PONDING OR POOLING OF WATER. ALL LARGE DEBRIS SHALL BE REMOVED AND DISPOSED OF ELSEWHERE. IF PROLONGED PONDING PERSISTS, I.E., IN EXCESS OF 72 HOURS, THE OWNER SHALL RAKE OR SCARIFY THE SURFACE. IF REQUIRED, THE SOIL IN THE AREA OF PONDING SHALL BE REMOVED AND REPLACED WITH CLEAN SANDY, NON-COHESIVE SOILS.

SPECIFIC CONDITIONS OF ALL PERMITS MAY REQUIRE ADDITIONAL MAINTENANCE ACTIVITIES ABOVE AND BEYOND THOSE OUTLINED ABOVE.
PLEASE BE AWARE OF ALL PERMIT CONDITIONS AS ISSUED BY REGULATORY AGENCIES TO ENSURE PERMIT COMPLIANCE.

## Stormwater Pollution Prevention Plan Inspection Report Form

Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater.

Project Name:_____ FDEP NPDES Stormwater Identification Number: FLR_____

| Location | Rain data | Type of control (see below) | Date installed / modified | Current Condition (see below) | Corrective Action / Other Remarks |
|---|---|---|---|---|---|
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Condition Code:
G = Good M = Marginal, needs maintenance or replacement soon P = Poor, needs immediate maintenance or replacement C = Needs to be cleaned O = Other

| Control Type Codes | | | |
|---|---|---|---|
| 1. Silt Fence | 10. Storm drain inlet protection | 19. Reinforced soil retaining system | 28. Tree protection |
| 2. Earth dikes | 11. Vegetative buffer strip | 20. Gabion | 29. Detention pond |
| 3. Structural diversion | 12. Vegetative preservation area | 21. Sediment Basin | 30. Retention pond |
| 4. Swale | 13. Retention Pond | 22. Temporary seed / sod | 31. Waste disposal / housekeeping |
| 5. Sediment Trap | 14. Construction entrance stabilization | 23. Permanent seed / sod | 32. Dam |
| 6. Check dam | 15. Perimeter ditch | 24. Mulch | 33. Sand Bag |
| 7. Subsurface drain | 16. Curb and gutter | 25. Hay Bales | 34. Other |
| 8. Pipe slope drain | 17. Paved road surface | 26. Geotextile | |
| 9. Level spreaders | 18. Rock outlet protection | 27. Rip-rap | |

Inspector Information:

_____ _____ _____
Name Qualification Date

The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are not any incidents of non-compliance identified above.

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"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

_____ _____
Name (Responsible Authority) Date

## CONTRACTOR/SUBCONTRACTOR CERTIFICATION STATEMENT

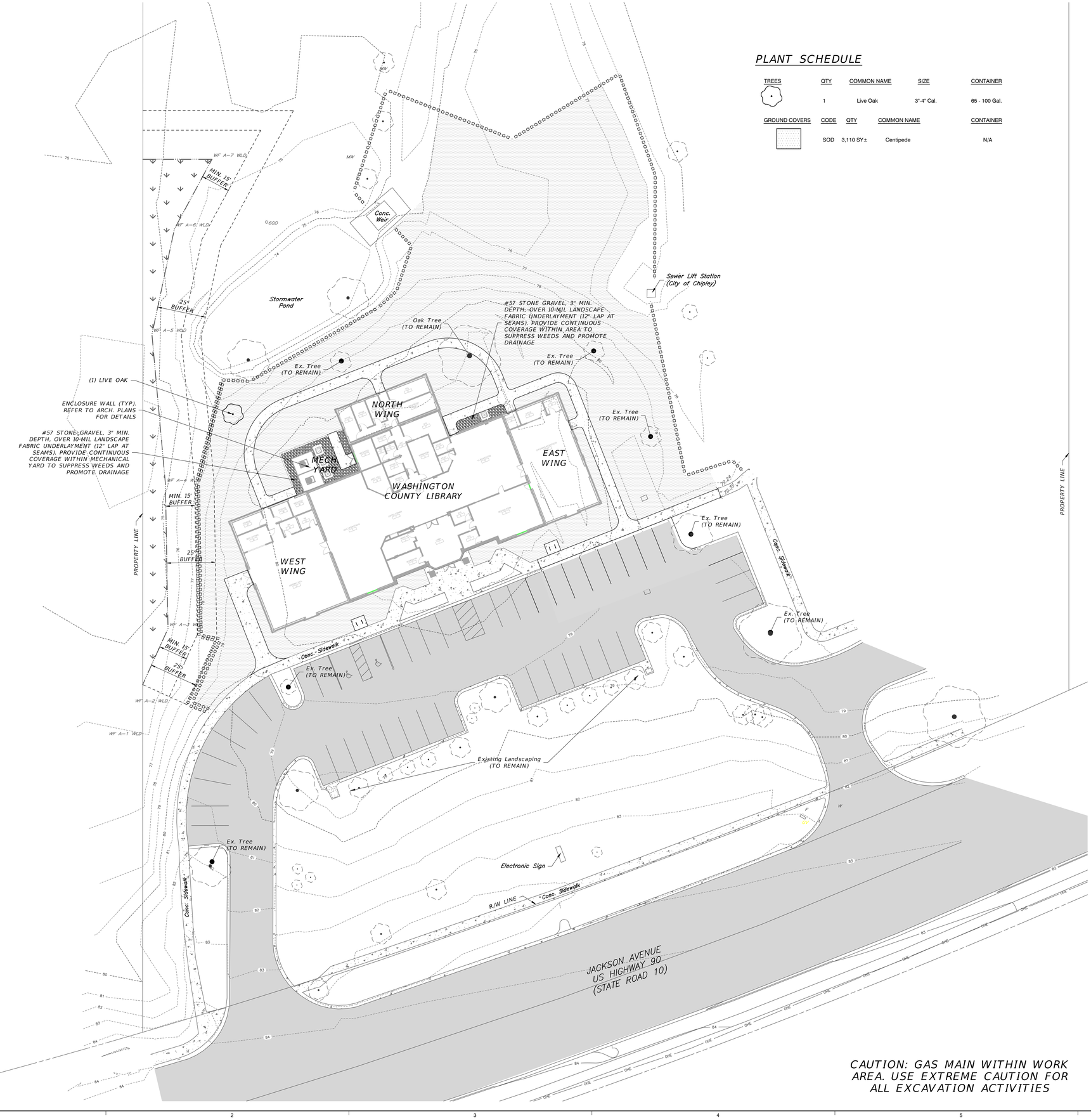
SITE NAME:_____
SITE LOCATION:_____

NOTE: THE STORMWATER POLLITION PREVENTION PLAN (SWPPP) MUST CLEARLY IDENTIFY, FOR EACH MEASURE IDENTIFIED WITHIN THE SWPPP, THE CONTRACTOR(S) OR SUBCONTRACTOR(S) THAT WILL IMPLEMENT EACH MEASURE. ALL CONTRACTOR(S) AND SUBCONTRACTOR(S) IDENTIFIED IN THE SWPPP MUST SIGN THE FOLLOWING CERTIFICATION:

"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."

| DATE | RESPONSIBLE INDIVIDUAL NAME | RESPONSIBLE INDIVIDUAL SIGNATURE | TITLE | COMPANY NAME, ADDRESS, AND PHONE NUMBER |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

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## PLANT SCHEDULE

| TREES | QTY | COMMON NAME | SIZE | CONTAINER |
|---|---|---|---|---|
| | 1 | Live Oak | 3"-4" Cal. | 65 - 100 Gal. |

| GROUND COVERS | CODE | QTY | COMMON NAME | CONTAINER |
|---|---|---|---|---|
| | SOD | 3,110 SY± | Centipede | N/A |

40 20 0 20 40

**SCALE: 1" = 20'**

## LEGEND

| EXISTING | PROPOSED | |
|---|---|---|
| | 12 | STORM DRAINAGE STRUCTURE & PIPE PIPE SIZE IN INCHES |
| (10) | (10) | STRUCTURE NO. |
| x 62.9 | 65.00 | SPOT ELEVATION |
| | 65.00 | PROPOSED PROFILE GRADE ELEVATION |
| 63 | 65.00 | CONTOUR |
| | | DIRECTION OF SURFACE FLOW |
| | | STAKED EROSION CONTROL |
| ZONE A | | FEMA FLOOD ZONE BOUNDARY |
| 62.0 | | BASE FLOOD ELEVATION (FT) |
| | | WETLAND LINE |
| 15' BUFFER | | 15' BUFFER FROM WETLAND LINE |
| | | WETLAND AREAS |
| | | PROPOSED CONCRETE SIDEWALK |
| | | PROPOSED ASPHALT PAVEMENT (FULL DEPTH) |
| | | PROPOSED MILLING LIMITS (1") |

## LANDSCAPE NOTES

1. CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO INSTALLATION.
2. ALL WORK SHALL COMPLY WITH FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS AND FDOT STANDARD SPECIFICATIONS (SECTION 580 - LANDSCAPE).
3. PLANTING AND SODDING SHALL BE PERFORMED IN ACCORDANCE WITH ACCEPTED HORTICULTURAL PRACTICES.
4. EXCAVATE PLANTING PIT A MINIMUM OF 2× ROOT BALL WIDTH AND NO DEEPER THAN THE ROOT BALL HEIGHT.
5. SET ROOT FLARE AT OR SLIGHTLY ABOVE ADJACENT GRADE.
6. BACKFILL WITH ON-SITE SOIL, FREE OF DEBRIS AND LARGE CLODS.
7. PROVIDE 3" ORGANIC MULCH LAYER AROUND TREE PLANTING AREA, KEEPING MULCH AT LEAST 3" CLEAR OF TRUNK.
8. STAKE OR GUY TREE AS REQUIRED TO WITHSTAND WIND; REMOVE STAKING WITHIN 12 MONTHS.
9. PROVIDE FRESH SOD; INSTALL WITHIN 24 HOURS OF HARVEST.
10. LAY SOD ON SMOOTH, GRADED SOIL SURFACE WITH TIGHT JOINTS; STAGGER SEAMS.
11. ROLL SOD LIGHTLY TO ENSURE SOIL CONTACT AND WATER IMMEDIATELY AFTER INSTALLATION.
12. REPLACE SOD THAT FAILS TO ROOT OR SHOWS DIE-BACK AT NO COST TO OWNER
13. CONTRACTOR SHALL FIELD LOCATE, TEST, AND ADJUST EXISTING IRRIGATION TO ENSURE FULL COVERAGE OF ALL NEW PLANTINGS.
14. CONTRACTOR SHALL REPAIR, AT THEIR EXPENSE, ANY IRRIGATION LINES, HEADS, OR EQUIPMENT DAMAGED DURING CONSTRUCTION.
15. CONTRACTOR IS RESPONSIBLE FOR ALL WATERING AND MAINTENANCE NECESSARY TO ESTABLISH ALL PLANTINGS FOR ONE (1) YEAR AFTER ACCEPTANCE.
16. CONTRACTOR SHALL MAINTAIN ALL PLANT MATERIAL IN A HEALTHY, VIGOROUS GROWING CONDITION, FREE FROM PESTS, DISEASE, AND WEEDS, FOR A MINIMUM OF ONE (1) YEAR FOLLOWING ACCEPTANCE.
17. REPLACE ANY DEAD, DECLINING, OR UNACCEPTABLE PLANT MATERIAL IMMEDIATELY, AT NO COST TO OWNER.
18. CONTRACTOR SHALL MOW, TRIM, AND EDGE SOD DURING ESTABLISHMENT PERIOD AS NECESSARY TO MAINTAIN NEAT APPEARANCE.
19. PROTECT EXISTING UTILITIES, STRUCTURES, AND PAVEMENTS DURING WORK.
20. REMOVE ALL PLANTING DEBRIS AND SURPLUS SOIL FROM SITE; LEAVE SITE CLEAN AND READY FOR ACCEPTANCE.
21. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF PLANTING COMPLETION TO BEGIN ESTABLISHMENT PERIOD.

Sunshine811
Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
*Check positive response codes before you dig!*


DAG Architects
AR0009694
455 Harrison Avenue
Suite I
Panama City, Florida 32401
850.387.1671
www.dagarchitects.com


BRENT E. MELVIN LICENSE No. 83163 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by BRENT E. MELVIN, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

BRENT E. MELVIN, P.E.
FLORIDA REG. NO 83163

ISSUED FOR BUILDING PERMIT

DHM MELVIN ENGINEERING

WASHINGTON COUNTY

**WASHINGTON COUNTY LIBRARY**

Washington County Public Library

1444 W JACKSON AVE.
CHIPLEY, FL 32428

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|

| | |
|---|---|
| Project Number | **25014** |
| Dated | 09-03-2025 |

LANDSCAPE PLAN

**L001**


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# WASHINGTON COUNTY
# BOARD OF COUNTY COMMISSIONERS

1331 South Boulevard
Chipley, Florida 32428
Phone (850)638-6200
Fax (850)638-6106

County Administrator
Allen J. Massey

ASHLYNN MARQUEZ
District One

DAVID PETTIS JR
District Two

JOEY BROCK
District Three

WESLEY GRIFFIN
District Four

DAVID CORBIN
District Five

FUQUA & MILTON
County Attorneys


## LETTER OF AUTHORIZATION / AGENT DESIGNATION

**RE: Washington County Library – Chipley Branch Expansion**
**1444 Jackson Avenue, Chipley, FL 32428**
**Parcel ID #: 00000000-00-2005-0000**

TO WHOM IT MAY CONCERN:

This letter is to designate the following Parties are to act as Authorized Agent/Applicants on behalf of the **Washington County Board of County Commissioners** (hereinafter the "*Applicant*"):

**David H. Melvin, Inc.**
**Brent Melvin, P.E.**
4428 Lafayette Street, Marianna, Florida 32446

This letter grants the above-mentioned Parties authorization to represent the **Washington County Board of County Commissioners** as 'Agent of Record' during the permitting, negotiating conditions in matters related to government regulations and permitting activities with the State of Florida, Washington County, and any other government entities. This letter also grants the above-mentioned parties' authorization to sign applications for permitting purposes and entitlement processes in relation to the above-mentioned site located at 1444 Jackson Avenue, Chipley, Florida.

The Agent of Record is hereby authorized solely to act on behalf of the Applicant in matters related to the permitting and regulatory review process for this project. This authorization is limited to submitting applications, providing technical information, and communicating with reviewing agencies as necessary. The Agent of Record shall not have authority to accept or reject financial obligations, contractual commitments, or conditions that would bind the Applicant without the Applicant's prior written consent.

Jeff Massey, County Administrator
Washington County, Florida

**ATTEST:**

Risha Brantley, Deputy Clerk
Washington County, Florida

**LETTER OF AUTHORIZATION / AGENT DESIGNATION**

**RE: Washington County Library – Chipley Branch Expansion**
**1444 Jackson Avenue, Chipley, FL 32428**
**Parcel ID #: 00000000-00-2005-0000**

TO WHOM IT MAY CONCERN:

This letter is to designate the following Parties to act as Authorized Agent/Applicants on behalf of the **City of Chipley** (hereinafter the "*Property Owner*"):

**David H. Melvin, Inc.**
**Brent Melvin, P.E.**
4428 Lafayette Street, Marianna, Florida 32446

This letter grants the above-mentioned Parties authorization to represent the **City of Chipley** as 'Agent of Record' during the permitting, negotiating conditions in matters related to government regulations and permitting activities with the State of Florida, Washington County, and any other government entities. This letter also grants the above-mentioned parties' authorization to sign applications for permitting purposes and entitlement processes in relation to the above-mentioned site located at 1444 Jackson Avenue, Chipley, Florida.

The Agent of Record is hereby authorized solely to act on behalf of the Property Owner in matters related to the permitting and regulatory review process for this project. This authorization is limited to submitting applications, providing technical information, and communicating with reviewing agencies as necessary. The Agent of Record shall not have authority to accept or reject financial obligations, contractual commitments, or conditions that would bind the Property Owner without the Owner's prior written consent.

Patrice Tanner, City Administrator
City of Chipley, Florida

**ATTEST:**

Sherry Snell, Clerk
City of Chipley, Florida

DHM Melvin Engineering

**STORMWATER EXEMPTION REQUEST**

**To:** File / City of Chipley
**From:** Brent E. Melvin, P.E., DHM, Inc.
**Date:** 09/29/2025
**Subject:** Stormwater Exemption Request - Chipley Public Library Expansion

---

**Project Background**

The proposed project expands the existing Washington County Library in Chipley from approximately 7,200 SF to 12,700 SF. The expansion results in a net impervious increase of 2,196 SF, with vehicular impervious decreasing by 3,085 SF. All new roof and paved areas will be routed to the existing on-site detention pond for treatment and discharge through the existing outlet structure. No modifications to the outlet or detention facility are proposed.

**Stormwater Compliance**

Based on hydrologic analysis of the 25-year, 24-hour design storm, the post-development peak discharge equals the pre-development discharge (Qpost = Qpre = 1.5 cfs) as demonstrated in the stormwater memorandum. As such, there is no increase in peak discharge or runoff volume, and no additional pollutant loading beyond the site.

Pursuant to City of Chipley Code Section 14-188(6), projects that do not increase discharge rate, runoff volume, or pollutant load are exempt from additional stormwater requirements. This library expansion qualifies for that exemption.

**Floodplain Considerations**

FEMA FIRM Panel 12133C0070D identifies portions of the site within Zone A. The building finished floor elevation will be set above the mapped 100-year floodplain elevation. Additionally, compensatory cut/fill is provided with a net increase in floodplain storage volume.

For consistency with existing conditions and to provide added protection, flood panels matching those currently in use on the existing building will be installed on all new expansion openings within the flood hazard area.

**Conclusion**

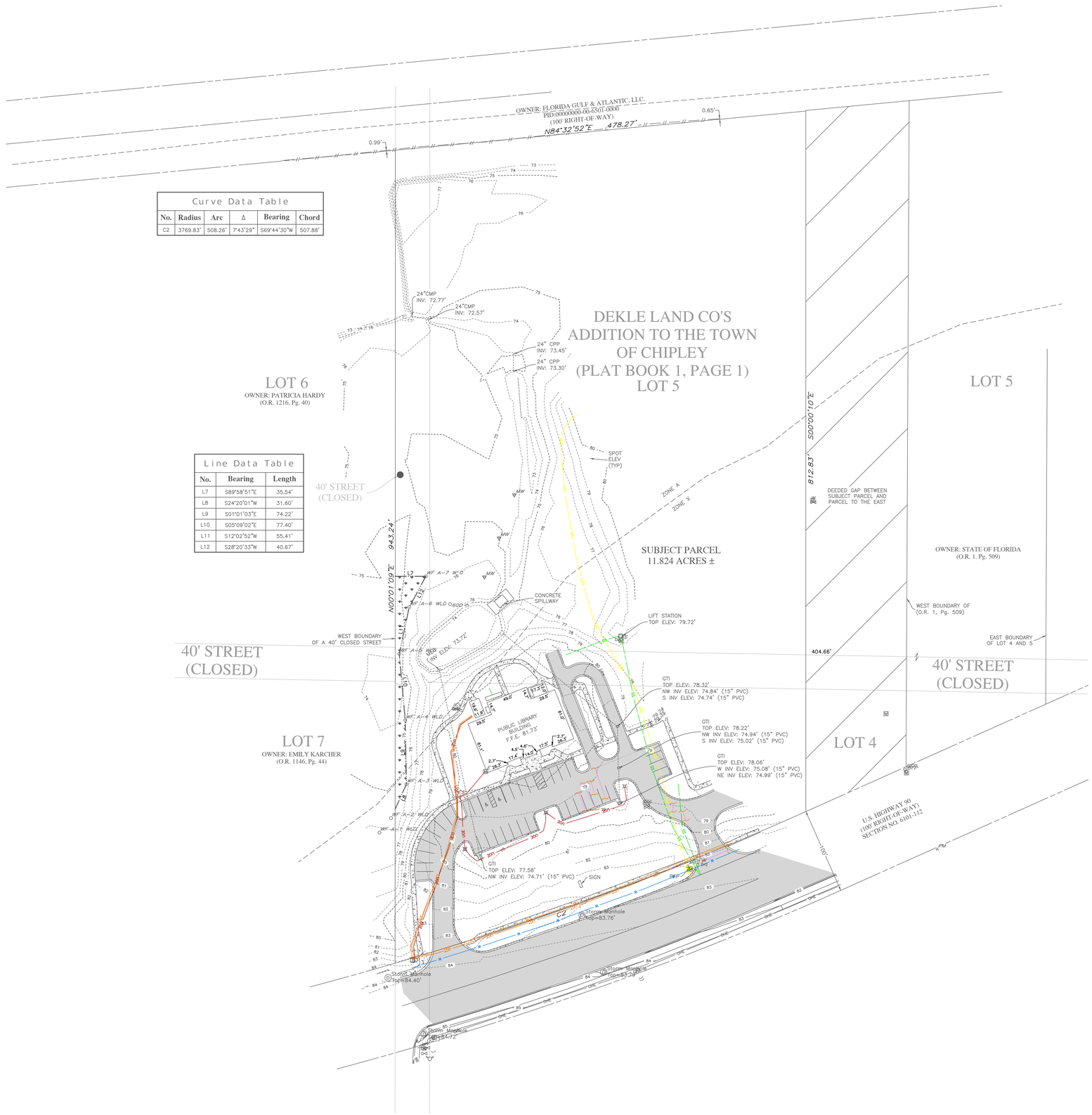
The Chipley Library Expansion is exempt from additional stormwater permitting requirements under Section 14-188(6) of the City Code. Flood protection measures, including above-floodplain finished floor elevations and flood panels, will ensure compliance with FEMA floodplain management practices and provide continuity with the existing facility.

---

Brent Melvin

**Brent E. Melvin, P.E.**
Project Manager
DHM, Inc.

4428 Lafayette Street • P. O. Box 840 • Marianna, Florida 32447 • (850) 482-3045
2541-1 Barrington Circle • Tallahassee, Florida 32308 • (850) 671-7221
www.melvineng.com • brentmelvin@melvineng.com




| Curve Data Table | | | | | |
|---|---|---|---|---|---|
| No. | Radius | Arc | Δ | Bearing | Chord |
| C2 | 3769.83' | 508.26' | 7°43'29" | S69°44'30"W | 507.88' |

| Line Data Table | | |
|---|---|---|
| No. | Bearing | Length |
| L7 | S89°58'51"E | 35.54' |
| L8 | S24°20'01"W | 31.60' |
| L9 | S01°01'03"E | 74.22' |
| L10 | S05°09'02"E | 77.40' |
| L11 | S12°02'52"W | 55.41' |
| L12 | S28°20'33"W | 40.67' |

N

100 50 0 50 100

**SCALE: 1" = 50'**

LEGEND

| | | | |
|---|---|---|---|
| CMP | Corrugated Metal Pipe | INV | Invert |
| ELEV | Elevation | LB | Licensed Business |
| FCM | Found Concrete Monument | LS | Licensed Surveyor |
| FIP | Found Iron Pipe | MES | Mitered End Section |
| FIR | Found Iron Rod | ORB | Official Records Book |
| FMCD | Found Mag Nail & Disk | PB | Plat Book |
| GTI | Grate Top Inlet | Pg(s) | Page(s) |
| | Storm Drainage Manhole | PSM | Professional Surveyor and Mapper |
| | Electric Junction Box | PVC | Polyvinyl Chloride Pipe |
| | Electric Switch Box | SIR | Set 1/2" Iron Rod LB7768 |
| FHH | Fiber Optic Handhole | | Wood Fence |
| | Guy Anchor | | Wetland Line |
| MW | Monitoring Well | | Electric Power Pole |
| | | | Sign |
| | | W | Wetland Flag |
| | | | Water Gate Valve |

**DESCRIPTION (PER ORB 395 PG 246)**

ALL THAT PART OF LOTS 4 AND 5, LYING NORTH OF STATE ROAD 10 (U.S. HIGHWAY #90) LESS THE EAST 404.66 FEET, ACCORDING TO DEKLE LAND COMPANY'S ADDITION TO THE TOWN OF CHIPLEY, FLORIDA OF THE SE 1/4 OF SECTION 5, TOWNSHIP 4 NORTH, RANGE 13 WEST.

**SURVEYOR'S NOTES:**

1. Current title information on the subject property had not been furnished to GeoPoint Surveying, Inc. at the time of this survey, and is subject to title review and/or abstract. GeoPoint Surveying, Inc. makes no representations or guarantees pertaining to easements, rights-of-way, set back lines, reservations, agreements, and other similar matters.
2. This survey is limited to above ground visible improvements along and near the boundary lines, except as shown hereon, and that nothing below the ground was located including, but not limited to foundations (footings), utilities, etc.
3. Bearings shown hereon are based on the South Boundary of Section 5, Township 4 North , Range 14 West, Washington County, Florida, having a Grid bearing of S88°35'20"E. The Grid Bearings as shown hereon refer to the State Plane Coordinate System, North American Horizontal Datum of 1983 (NAD 83-2011 Adjustment) for the North Zone of Florida.
4. All dimensions, unless otherwise noted, are survey dimensions.
5. The subject parcel lies in Flood Zone "A" and "X", according to Flood Insurance Rate Map, Map No. 12133C0070D for City of Chipley, Community No. 120325, Washington County, Florida, dated July 4, 2011 and issued by the Federal Emergency Management Agency. Lines shown, if any, have been digitally translated from DFIRM database information supplied by the FEMA Map Service Center (https://msc.fema.gov).
6. Elevations shown hereon are based on the NGS Benchmark "Chipley RM1", having a published elevation of 109.88 feet, relative to the North American Vertical Datum of 1988 (NAVD 88).
7. Use of this survey for purposes other than intended, without written authorization, will be at the user's sole risk and without liability to the surveyor. Nothing hereon shall be construed to give any rights or benefits to anyone other than those certified to.
8. The wetland flags, as shown hereon, were not set by GeoPoint but were field located on March 5, 2025.
9. Although no dedication was found for the streets on the plat of Dekle Land Co's Addition to the town of Chipley, it appears that by occupation the City has maintained rights to the platted streets and are using the West Boundary of said closed street as it's own property boundary.

*SURVEY INFORMATION SHOWN ON THESE PLANS HAS BEEN PROVIDED BY GEOPOINT SURVEYING, INC. UNDER THE DIRECTION OF THE FOLLOWING LICENSED SURVEYORS: BRYCE BRASHER, P.S.M. NO. 7601 - BOUNDARY, TOPOGRAPHIC, AND WETLAND SURVEY TITLED "CHIPLEY PUBLIC LIBRARY", GEOPOINT PROJECT NO. CHIPLEY-BT - 031925 - SS, DATED MARCH 5, 2025, WITH FINAL PLOTTED DATE MARCH 19, 2025. JM, CMP - SUBSURFACE UTILITY ENGINEERING (SUE) QUALITY LEVEL B UTILITY SURVEY TITLED "CHIPLEY LIBRARY - SUE", GEOPOINT PROJECT SUE_QL-B UTILITIES, DATED MARCH 4, 2025. THIS INFORMATION HAS BEEN REVIEWED BY DAVID H. MELVIN, INC. (DHM); HOWEVER, IT HAS NOT BEEN INDEPENDENTLY VERIFIED. IT IS BEING INCORPORATED INTO THESE PLANS FOR REFERENCE PURPOSES ONLY. CONTRACTORS AND OTHERS RELYING ON THIS INFORMATION ARE RESPONSIBLE FOR INDEPENDENTLY VERIFYING ALL EXISTING CONDITIONS IN THE FIELD.*

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BRENT E. MELVIN, P.E.
FLORIDA REG. NO 83163

ISSUED FOR BUILDING PERMIT

DHM MELVIN ENGINEERING

WASHINGTON COUNTY

**WASHINGTON COUNTY LIBRARY**

Washington County Public Library

1444 W JACKSON AVE.
CHIPLEY, FL 32428

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|

| | |
|---|---|
| Project Number | **25014** |
| Dated | 09-03-2025 |

EXISTING CONDITIONS

**C001**

## GENERAL CONSTRUCTION

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LEARN, KNOW, AND COMPLY WITH THE REGULATIONS, ORDINANCES, PERMITS, AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES (LOCAL, STATE, AND FEDERAL) HAVING JURISDICTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW AND COMPLY WITH THE CONDITIONS OF THE VARIOUS PERMITS OF THE GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL SCHEDULE THE REQUIRED INSPECTIONS AND APPROVALS IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMIT CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE NECESSARY AGENCIES OF CONSTRUCTION COMMENCEMENT.
2. THE CONTRACTOR SHALL HAVE COPIES OF ALL PERMITS IN POSSESSION AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN AND MAKE AVAILABLE A COMPLETE AND CURRENT SET OF APPROVED CONSTRUCTION DRAWINGS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL CONSTRUCTION PERMITS REQUIRED FOR THE COMPLETION OF THE PROJECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION IS DONE IN A SAFE MANNER AND IN STRICT COMPLIANCE WITH ALL THE REQUIREMENTS OF THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 OR THE LATEST EDITION, AND ALL STATE AND LOCAL SAFETY AND HEALTH REGULATIONS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING, OR SHORING AS NECESSARY. ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT." THE CONTRACTOR SHALL ENSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
6. ALL CONSTRUCTION, MATERIALS, AND WORKMANSHIP SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE OWNER, FLORIDA DEPARTMENT OF TRANSPORTATION, FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, AND ALL OTHER APPLICABLE LOCAL, STATE, AND FEDERAL CODES.
7. ALL SPECIFICATIONS AND DOCUMENTS REFERRED TO SHALL BE OF THE LATEST ISSUE AND SHALL BE CONSIDERED A PART OF THESE DOCUMENTS AS THOUGH INCLUDED.
8. ALL EXISTING ELEVATIONS SHOWN ON THE CONSTRUCTION DRAWINGS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) UNLESS OTHERWISE NOTED.
9. STATIONING ON THE PLANS RELATES TO THE CENTERLINE OF ALL ROADWAYS AND RIGHT-OF-WAYS AND SHALL BE USED FOR LOCATION PURPOSES ONLY. CONTRACTOR SHALL NOT USE STATIONING WHEN CALCULATING UTILITY LENGTHS.
10. BOUNDARY, TOPOGRAPHIC, TREE, WETLAND, AND UTILITY SURVEY SHOWN HEREON AND UTILIZED FOR DESIGN PURPOSES HAS BEEN PROVIDED BY GEOPOINT SURVEYING, INC., UNDER THE DIRECTION OF BRYCE BRASHER, FL PLS 7601, DATED 03/05/2025 AS PROJECT No. 1003001. DHM, INC. HAS REVIEWED BUT NOT VERIFIED THE ABOVE-LISTED DATA. DHM, INC. MAKES NO CERTIFICATIONS OR REPRESENTATIONS AS TO THE ACCURACY OF THE SURVEY DATA.
11. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAS BEEN DETERMINED BY THE BEST INFORMATION AVAILABLE. THE ENGINEER OF RECORD ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THESE DEPICTIONS. ALL THE UTILITIES SHOWN ON THE PLANS MAY NOT BE ACCURATE AND ALL UTILITIES MAY NOT BE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF EXISTING UTILITIES, DETERMINING IF OTHER UTILITIES WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK, AND TAKING WHATEVER STEPS NECESSARY TO PROVIDE FOR THEIR PROTECTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITY OWNERS AND MAKE ANY NECESSARY ARRANGEMENTS FOR THE RELOCATION, REMOVAL, AND OR PROTECTION OF THE UTILITIES WITHIN THE PROJECT AREA WITH THE UTILITY OWNER. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION OR TIME WILL BE ALLOWED AS A RESULT.
12. THE CONTRACTOR SHALL VISIT AND BECOME FAMILIAR WITH THE SITE BEFORE CONSTRUCTION. THE SURVEY MAY NOT SHOW ALL OBJECTS WITHIN THE PATH OF CONSTRUCTION. IF OBJECTS ARE NOT SHOWN ON THE SURVEY, CONTRACTOR WILL BE RESPONSIBLE FOR REPLACEMENT OF ALL OBJECTS NOT SHOWN ON THE SURVEY.
13. THE EXACT LOCATION AND ELEVATION OF EXISTING STRUCTURES, UTILITIES, AND PIPING SHALL BE PHYSICALLY VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS. THESE DRAWINGS DO NOT INTEND TO SHOW IN COMPLETE DETAIL ALL EXISTING STRUCTURES, UTILITIES, OR PIPING. THE CONTRACTOR SHALL EXAMINE ALL AVAILABLE RECORDS AND MAKE ALL EXPLORATIONS AND EXCAVATIONS AS REQUIRED TO DETERMINE THE LOCATION OF EXISTING STRUCTURES, UTILITIES, AND PIPING, WHENEVER NECESSARY. THE OWNER RESERVES THE RIGHT TO CHANGE THE LOCATION OF LINES TO AVOID CONFLICT WITH EXISTING STRUCTURES, UTILITIES, OR PIPING. THE LOCATIONS OF UNDERGROUND UTILITIES HAVE NOT BEEN PHYSICALLY LOCATED BY THEIR OWNER OR ENGINEER.
14. BEFORE COMMENCING ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL CALL FLORIDA SUNSHINE STATE ONE-CALL CENTER, INC. AT 1-800-432-4770 OR 811 TO REQUEST THE LOCATION MARKING OF UTILITIES WITHIN THE PROJECT AREA. NO CONSTRUCTION ACTIVITY WITHIN THE SITE MAY OCCUR UNTIL THE UTILITIES HAVE BEEN PROPERLY MARKED. THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES WITHIN THE LIMITS OF THE PROJECT BEFORE COMMENCING WORK. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING TO EQUAL OR BETTER CONDITION ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
16. REPAIR AND REPLACEMENT OF ANY PRIVATE OR PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING CONDITIONS BEFORE COMMENCING CONSTRUCTION WORK UNLESS SPECIFICALLY EXEMPTED BY THESE PLANS. ADDITIONAL COSTS ASSOCIATED WITH ANY SUCH REPAIRS SHALL BE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.
17. THE CONTRACTOR SHALL TAKE WHATEVER PRECAUTIONS NECESSARY TO AVOID TRESPASSING AND DAMAGING PRIVATE PROPERTY.
18. WHERE IT BECOMES NECESSARY TO TEMPORARILY REMOVE, REPOSITION, OR SUPPORT EXISTING FACILITIES, UTILITY POLES, ETC., THIS WORK SHALL BE PERFORMED AT THE CONTRACTOR'S EXPENSE AND IN ACCORDANCE WITH REQUIREMENTS OF THE OWNER OF THE EXISTING FACILITY, UTILITY POLE, ETC. THE CONTRACTOR SHALL GIVE PROPER NOTICE TO THE UTILITIES. THE CONTRACTOR SHALL PHYSICALLY EXAMINE THE ENTIRE PROJECT SITE AND INFORM HIMSELF FULLY REGARDING ALL CONDITIONS PERTAINING TO THE PLACE WHERE THE WORK IS TO BE PERFORMED TO DETERMINE HIS COST TO PERFORM THE WORK. THE CONTRACTOR SHOULD PAY SPECIAL ATTENTION TO AREAS INVOLVING CLEARING AND GRUBBING, EXISTING FACILITIES REMOVAL AND REPLACEMENT, SUPPORT ON RELOCATION, AND WORK INVOLVED IN WETLAND AREAS.
19. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND SCHEDULE THE ACTIVITIES OF THE UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO TV, TELEPHONE, GAS, POWER, ETC., AND PROVIDE IN ACCORDANCE WITH THE UTILITY COMPANY REQUIREMENTS ANY NECESSARY CONDUITS FOR CROSSINGS UNDER PAVEMENT. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS SERVICE. ANY DAMAGE CAUSED BY THE UTILITY COMPANY TO THE IMPROVEMENTS OF THE CONTRACTOR SHALL BE REQUIRED TO BE REPAIRED BY EITHER THE CONTRACTOR OR THE UTILITY COMPANY, AT NO COST TO THE OWNER, IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS.
20. THE CONTRACTOR SHALL REMOVE AND REPLACE, TO EQUAL OR GREATER THAN THEIR ORIGINAL CONDITION, ALL DISTURBED MATERIALS OR OBJECTS WITHIN THE PATH OF THE PROPOSED PROJECT AS NECESSARY AT THE CONTRACTOR'S EXPENSE. ALL REPLACED MATERIALS SHALL BE EQUAL OR GREATER THAN ORIGINAL AND SHALL BE APPROVED BY THE ENGINEER. THIS INCLUDES BUT IS NOT LIMITED TO DISTURBED LANDSCAPING, SIGNS, FENCING, POSTS, MAILBOXES, STRUCTURES, IRRIGATION, ETC. WITHIN THE PATH OF THE PROPOSED PROJECT.
21. REMOVAL AND REPLACEMENT OF EXISTING DRIVEWAYS AND DRIVEWAY CULVERTS SHALL BE INCLUDED IN THE BID PRICE. NEW DRIVEWAYS SHALL MATCH EXISTING MATERIALS.
22. THE CONTRACTOR SHALL REVIEW THE GEOTECHNICAL REPORT AND ENVIRONMENTAL REPORT, AS APPLICABLE, FOR THE PROJECT AREA BEFORE BIDDING THE PROJECT. THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW THE OUTLINED CONSTRUCTION TECHNIQUES IN THESE REPORTS. THE CONTRACTOR SHALL PREPARE THE SITE BEFORE THE COMMENCEMENT OF CONSTRUCTION IN ACCORDANCE WITH THESE REPORTS.
23. SHOULD THE LOWERING OF GROUNDWATER BE NECESSARY FOR CONSTRUCTION, SUCH LOWERING SHALL BE ACCOMPLISHED BY MEANS OF A WELL POINT SYSTEM OR OTHER APPROVED MEANS AT THE CONTRACTOR'S EXPENSE. COMPREHENSIVE PLANS FOR DEWATERING OPERATIONS, IF USED, SHALL BE SUBMITTED BY THE CONTRACTOR TO ENGINEER FOR REVIEW. PRIOR TO THE INSTALLATION OF ANY DEWATERING EQUIPMENT, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY LOCAL, STATE, AND FEDERAL PERMITS TO CONDUCT DEWATERING ACTIVITIES.
24. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION OR AS SPECIFIED IN THE CONSTRUCTION DOCUMENTS. DISTURBED AREAS SHALL BE SODDED, SEEDED, MULCHED, OR PLANTED WITH APPROVED LANDSCAPE MATERIAL AS DIRECTED BY THE CONSTRUCTION DOCUMENTS IMMEDIATELY FOLLOWING CONSTRUCTION PER THE LOCAL INSPECTOR.
25. BEFORE CONSTRUCTION, A BUILDING PERMIT SHALL BE OBTAINED FOR ALL STRUCTURES THAT HAVE A FOOTER, REGARDLESS OF SIZE, FROM THE AUTHORITY HAVING JURISDICTION.
26. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER BENCHMARKS ON THE SITE. EXISTING BENCHMARKS THAT ARE SPECIFIED FOR REMOVAL SHALL BE RELOCATED AT THE CONTRACTOR'S EXPENSE AND RE-ESTABLISHED BY A LICENSED SURVEYOR.
27. THE CONTRACTOR SHALL SUBMIT TO THE OWNER AND THE OWNER'S ENGINEER A COPY OF THE SHOP DRAWINGS AND SPECIFICATIONS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THE SITE FOR REVIEW AND APPROVAL. FAILURE TO SUBMIT THIS INFORMATION MAY RESULT IN THE REMOVAL AND REPLACEMENT OF THESE ITEMS AT THE CONTRACTOR'S EXPENSE. NOTE THAT THE APPROVAL OF THE OWNER AND OWNER'S ENGINEER DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR COMPLIANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. THE CONTRACTOR REMAINS RESPONSIBLE FOR THE DETAILS AND ACCURACY, FOR CONFIRMING AND CORRELATING ALL QUANTITIES, JOB CONDITIONS, AND DIMENSIONS, FOR SELECTING FABRICATION, PROCESSES, FOR TECHNIQUES OF ASSEMBLY AND CONSTRUCTION, AND FOR PERFORMING THE WORK IN A SAFE MANNER.
28. THE CONTRACTOR SHALL CONTACT THE OWNER AND OWNER'S ENGINEER BEFORE ANY CONSTRUCTION THAT MAY DAMAGE TREES.
29. ALL SERVICE INTERRUPTIONS SHALL BE COMPLETED BETWEEN THE HOURS OF 11:00 P.M. AND 4:30 A.M. UNLESS OTHERWISE APPROVED BY THE UTILITY AND THE OWNER. THE CONTRACTOR IS REQUIRED TO NOTIFY ALL AFFECTED PARTIES 24 HOURS PRIOR.
30. THE CONTRACTOR SHALL CHECK PLANS FOR CONFLICTS AND DISCREPANCIES BEFORE CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE OWNER OR OWNER'S ENGINEER OF ANY CONFLICT BEFORE PERFORMING ANY WORK IN THE AFFECTED AREA.
31. ALL CONSTRUCTION STAKING SHALL BE DONE AT THE CONTRACTOR'S EXPENSE AND PERFORMED BY A PROFESSIONAL SURVEYOR AND MAPPER (PSM) REGISTERED IN THE STATE OF FLORIDA.
32. A TWO-AND-ONE-HALF-FOOT STRIP OF SOD SHALL BE INSTALLED ON THE EDGE OF ALL ASPHALT AREAS AND ALL ABOVE-GROUND CONCRETE STRUCTURES INCLUDING BUT NOT LIMITED TO VALVE PADS, BLOW-OFF VAULTS, AND AIR RELEASE VAULTS. ALL OTHER DISTURBED AREAS SHALL BE RESTORED WITH SEED AND MULCH UNLESS OTHERWISE SPECIFIED IN PLANS.
33. THE CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY COMPLETED BY A LICENSED SURVEYOR UNLESS EXPLICITLY STATED IN THE CONTRACT DOCUMENTS. THESE DRAWINGS SHALL BE MARKED TO SHOW AS-BUILT CONSTRUCTION CHANGES AND DIMENSIONS, LOCATIONS, AND ELEVATIONS OF ALL IMPROVEMENTS. INFORMATION FOR STRUCTURES SHALL CONSIST OF RIM ELEVATIONS, INVERT ELEVATIONS, BOTTOM OF STRUCTURE ELEVATIONS, BOTTOM OF BAFFLE ELEVATION, AND PIPE SIZE/MATERIAL. UTILITY INFORMATION SHALL INCLUDE LOCATIONS OF ALL FITTINGS, VALVES, DEAD-END RUNS, ETC. THE CONTRACTOR SHALL ALSO PROVIDE A PROFILE OF ALL DIRECTIONAL BORE AND JACK-AND-BORE LOCATIONS OF ACTUAL PIPE ELEVATIONS AT 10-FOOT INTERVALS. AS-BUILT PLANS SHALL INDICATE THE LOCATIONS OF ALL MANHOLES, FITTINGS, VALVES, DEAD-END RUNS, ETC. WITH THREE (3) PHYSICAL FEATURES SUCH AS LOT CORNERS, TREES, ETC. INFORMATION SHALL BE CERTIFIED BY A FLORIDA REGISTERED LAND SURVEYOR AND SUBMITTED TO OWNER AS ONE PHYSICAL COPY AS WELL AS IN DIGITAL FILE FORMATS OF .PDF AND .DWG OR .DGN (TO BE COORDINATED WITH OWNER AND OWNER'S ENGINEER PRIOR TO COMPLETION).

## TEMPORARY FACILITIES AND TRAFFIC REGULATION

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES, AND ELECTRICITY DURING CONSTRUCTION.
2. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN PROPER TRAFFIC CONTROL AND TO PROVIDE DETOURS AROUND CONSTRUCTION ACTIVITIES. NO STREET SHALL REMAIN CLOSED TO TRAFFIC OVERNIGHT. IN ADDITION, THE CONTRACTOR SHALL COOPERATE WITH LOCAL RESIDENTS IN MAINTAINING ACCESS TO THEIR HOMES AND BUSINESSES DURING WORKING HOURS AND SHALL ASSIST AT ALL TIMES WHEN VEHICLES EXPERIENCE TROUBLE DUE TO CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE ACCESS ENTRANCE TO ADJACENT PROPERTIES AT ALL TIMES AND SHALL MAINTAIN CONTINUOUS VEHICULAR ACCESS FOR EMERGENCY ACCESS DURING CONSTRUCTION WITH NO EXCEPTIONS AT NO ADDITIONAL COST TO THE OWNER.
3. CONTRACTOR SHALL COORDINATE MAINTENANCE OF TRAFFIC WITH THE LOCAL SCHOOL BOARD AND EMERGENCY RESPONSE AGENCIES TO ENSURE ACCESS FOR SCHOOL BUSES AND EMERGENCY RESPONSE VEHICLES.
4. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIALS ARE AVAILABLE FOR CONSTRUCTION IN THAT AREA.
5. THE CONTRACTOR IS RESPONSIBLE FOR CREATING AND IMPLEMENTING A TEMPORARY TRAFFIC CONTROL (TTC) PLAN FOR CONSTRUCTION ACTIVITIES THAT OCCUR WITHIN THE PUBLIC RIGHT OF WAY INCLUDING BUT NOT LIMITED TO DEMOLITION, PAVEMENT REMOVAL, SIDEWALK CONSTRUCTION, AND PAVEMENT CONSTRUCTION. THE TTC PLAN SHALL BE IN ACCORDANCE WITH THE CURRENT FDOT STANDARD PLANS FOR ROAD CONSTRUCTION OR CREATED BY A REGISTERED PROFESSIONAL ENGINEER OR INDIVIDUAL WHO IS CERTIFIED AND IN CURRENT STANDING TO DO SO BY THE FDOT TTC CERTIFICATION TRAINING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING THE TTC PLAN TO THE APPLICABLE REGULATORY AGENCY FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTING ANY TEMPORARY TRAFFIC CONTROL MEASURES.
6. CONTRACTOR SHALL PROVIDE ALL WARNING SIGNALS, SIGNS, LIGHTS, AND FLAG PERSONS AS NECESSARY FOR THE TTC PLAN.
7. THE CONTRACTOR SHALL PROVIDE A WORK SITE TRAFFIC SUPERVISOR IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
8. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC. NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS, OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS WRITTEN PERMISSION OF THE LOCAL PUBLIC WORKS DEPARTMENT HAVING JURISDICTION OVER THE PROJECT AREA OR FDOT. IF WRITTEN APPROVAL IS OBTAINED, A COPY SHALL BE PROVIDED TO THE OWNER AND ENGINEER OF RECORD.
9. NO WORK THAT WOULD CAUSE TEMPORARY LANE CLOSURE WILL BE PERFORMED ON HOLIDAYS OR BEFORE 7:45 A.M. AND BETWEEN 2:45 P.M. AND 3:15 P.M. ON SCHOOL DAYS.
10. AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSING CAUSES EXTENDED CONGESTION, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE UNTIL SUCH TIME AS TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.

## DEMOLITION

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEMOLITION OR DELETERIOUS MATERIALS IN A SAFE AND LAWFUL MANNER. THE CONTRACTOR SHALL SALVAGE TO THE OWNER ANY ITEM AS DETERMINED BY THE OWNER. ONCE DEMOLISHED, THE MATERIAL SHALL BE DISPOSED OF PROPERLY AND IMMEDIATELY.
2. EXISTING PAVEMENT AND SIDEWALK EDGES THAT BORDER NEW CONSTRUCTION OR DEMOLITION ARE TO BE SAW-CUT TO PROVIDE A SMOOTH TRANSITION. SAW-CUT SIDEWALKS AND CURB AT THE NEAREST JOINT.
3. ROOTS LARGER THAN 1 INCH IN DIAMETER ON TREES THAT ARE TO BE PRESERVED THAT ARE ENCOUNTERED DURING CONSTRUCTION MUST BE CUT CLEARING AND COVERED WITH SOIL BY THE END OF THE SAME WORKING DAY.
4. ALL BUILDINGS, BUILDING FOUNDATIONS, UNDERGROUND PIPING, ASPHALT, CONCRETE, AND LIMEROCK (OR OTHER) BASE MATERIAL IDENTIFIED FOR DEMOLITION ARE TO BE REMOVED FROM THE PROJECT SITE. THE CONTRACTOR SHALL ENSURE THAT ALL UNDERGROUND PIPING AND UTILITIES ARE PROPERLY PLACED OUT OF SERVICE PRIOR TO REMOVAL AND CUT-AND-CAPPED AT THE PROPERTY BOUNDARY OR AS DIRECTED BY THE LOCAL UTILITY AUTHORITY HAVING JURISDICTION OVER THE PROJECT.
5. IN PROPOSED LANDSCAPE AREAS, ALL IMPERVIOUS SURFACES (ASPHALT, CONCRETE, ETC.) OR COMPACTED SOIL SHALL BE REMOVED AND REPLACED WITH SUITABLE SOIL MATERIAL AS DIRECTED BY THE LANDSCAPE PLANS.

## PAVING, GRADING, AND DRAINAGE

1. ALL EXISTING PAVEMENT AND DRIVEWAY PAVEMENT PROPOSED TO BE REMOVED SHALL BE SAW CUT.
2. ALL PAVEMENT DIMENSIONS ARE SHOWN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
3. ALL NEW TRAFFIC CONTROL DEVICES (SIGNS AND PAVEMENT MARKINGS) SHALL CONFORM TO THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FDOT STANDARDS.
4. ALL STRIPING WITHIN THE RIGHT OF WAY SHALL BE PLACED FIRST AS TEMPORARY STRIPING FOLLOWED BY AN APPLICATION OF THERMOPLASTIC STRIPING 30 DAYS LATER OR AS DIRECTED BY THE ENGINEER OR OWNER.
5. THE CONTRACTOR SHALL MAINTAIN A CLEAR PATH FOR ALL SURFACE WATER DRAINAGE STRUCTURES AND DITCHES DURING ALL PHASES OF CONSTRUCTION.
6. THE CONTRACTOR IS RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL PRACTICES DURING CONSTRUCTION TO MINIMIZE ON-SITE EROSION/SEDIMENTATION AND TO PROTECT AGAINST DAMAGE TO OFF-SITE PROPERTY. REFER TO THE SURFACE WATER MANAGEMENT PLAN SHEET FOR ADDITIONAL INFORMATION AND GUIDANCE ON THESE PRACTICES.
7. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT FOR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON THE PLANS.
8. AS DETERMINED NECESSARY AND DIRECTED BY THE GEOTECHNICAL ENGINEER OR THE OWNER'S ENGINEER, THE CONTRACTOR SHALL UNDERCUT ALL UNSUITABLE MATERIAL BELOW THE BOTTOM OF ANY PROPOSED LIME ROCK BASE AND SHALL BACKFILL WITH SUITABLE MATERIAL MEETING THE FDOT STANDARD SPECIFICATIONS.
9. THE CONTRACTOR SHALL STOCKPILE TOPSOIL AND CONSTRUCTION MATERIALS AS DIRECTED BY THE OWNER OR THE OWNER'S ENGINEER.
10. ALL CONCRETE USED SHALL BE A 3,000 PSI MINIMUM OR AS SPECIFIED IN THE PLANS.
11. ALL WELLS, CLEANOUTS, MANHOLE TOPS, UTILITY VAULTS, PULL BOXES, AND OTHER UTILITY APPURTENANCES IN THE AREA OF REDEVELOPMENT SHALL BE PROTECTED AND THE TOPS ADJUSTED TO MATCH PROPOSED GRADES
12. CONTRACTOR SHALL SAW CUT, TACK, AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS ANY EXISTING PAVEMENT.
13. PAVEMENT WEARING SURFACE SHALL BE ASPHALTIC CONCRETE OF A TYPE AND THICKNESS SHOWN IN THE PLANS AND THE MATERIAL AND CONSTRUCTION SHALL MEET THE CURRENT FDOT SPECIFICATIONS.
14. ADJUSTING UTILITIES TO INCLUDE MANHOLE TOPS AND VALVE RISERS TO MATCH GRADE AND SLOPE OF THE FINISH PAVING SHALL BE INCLUDED IN THE RESPECTIVE CONTRACT UNIT PRICE FOR MANHOLES AND VALVES, PAYMENT OF WHICH WILL CONSTITUTE FULL COMPENSATION FOR THE CONSTRUCTION AND COMPLETION OF THE MANHOLE AND VALVES, AND NO ADDITIONAL PAYMENT WILL BE ALLOWED OR MADE FOR UTILITY ADJUSTMENTS.
15. ALL DISTURBED DRIVES SHALL BE RECONNECTED FROM THE PROPERTY LINE TO THE EDGE OF PAVEMENT OR EDGE OF DIRT ROAD IN A CONDITION EQUAL TO OR BETTER THAN ITS PREVIOUS CONDITION USING THE SAME TYPE OF MATERIALS THAT WERE REMOVED. GRAVEL DRIVEWAYS SHALL BE REPLACED WITH NEW GRAVEL.
16. CONTRACTOR WILL BE REQUIRED TO PLACE SOD IN ALL EROSION PROBLEM AREAS.
17. A TWO AND ONE-HALF STRIP OF SOD SHALL BE INSTALLED ON THE EDGE OF ALL ASPHALT OVERLAY AREAS, CONCRETE DRIVEWAYS, AND AROUND ALL ABOVE-GROUND CONCRETE STRUCTURES INCLUDING BUT NOT LIMITED TO VALVE PADS, BLOW-OFF VAULTS, AND AIR RELEASE VAULTS. SOD SHALL ALSO BE PLACED IN ALL DISTURBED AREAS WITH A 3-TO-1 SLOPE OR GREATER OR ANY EROSION PROBLEM AREAS.
18. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PERFORM ALL ROADWAY PATCHES AND REPAIRS IN ACCORDANCE WITH THE FDOT STANDARD DETAIL INDEX 125-001, CURRENT EDITION. IN ADDITION, CONTRACTOR SHALL ENSURE ASPHALT THICKNESS SHALL BE A MINIMUM OF 2" AND THE BASE THICKNESS SHALL BE A MINIMUM OF 8". CONTRACTOR SHALL MILL A MINIMUM OF 25' ON BOTH SIDES OF THE UTILITY TRENCH PLUS 4' FOR A MINIMUM WIDTH OF 50'. THE OVERLAY SHALL BE COMPLETED IN A SINGLE LIFT.

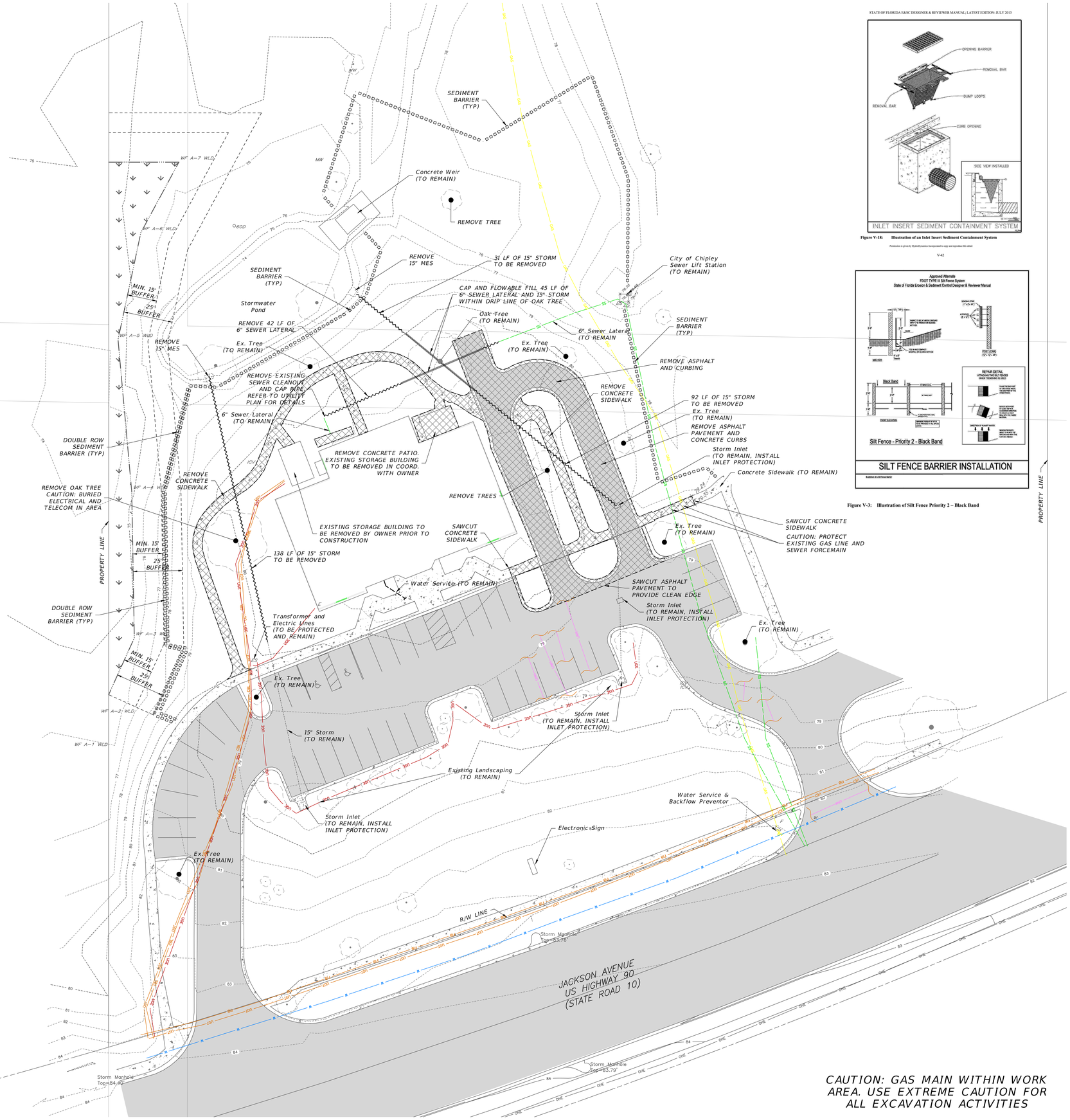
## STORMWATER FACILITY EXCAVATION

1. NO EXCAVATION SHALL EXTEND BELOW THE PERMITTED DESIGN DEPTHS OR ELEVATIONS SHOWN ON THE DRAWINGS UNLESS ADDITIONAL TESTING SUPPORTS OTHERWISE AND NO LOWER SEMI-CONFINING UNIT CLAYEY SOIL MATERIAL OR LIMESTONE MATERIALS SHALL BE EXCAVATED, REGARDLESS IF THESE MATERIALS ARE ENCOUNTERED WITHIN THE PERMITTED EXCAVATION DEPTHS OR ELEVATIONS. IF ANY LOWER SEMI-CONFINING UNIT CLAYEY SOIL MATERIALS OR LIMESTONE MATERIALS ARE ENCOUNTERED ABOVE THE PERMITTED DEPTHS OR ELEVATIONS, EXCAVATION OPERATIONS SHALL CEASE IN THE GENERAL AREA AND THE ENGINEER OF RECORD SHALL BE NOTIFIED IMMEDIATELY. A MODIFICATION OF THE PROJECT'S NWFWMD ENVIRONMENTAL RESOURCE PERMIT (ERP) SHALL BE REQUIRED FOR EXCAVATIONS DEEPER THAN THOSE SHOWN ON THE APPROVED PLANS AND PERMIT.
2. THE ENGINEER SHALL BE CONTACTED PRIOR TO ANY EXCAVATION OF CLAYS. IN THE ABSENCE OF ANY CONFINING OR SEMI-CONFINING UNIT CLAYEY SOILS, A MINIMUM OF 5-FEET OF UNDISTURBED SOILS SHALL REMAIN ABOVE THE UNDERLYING LIMESTONE.

## UTILITIES

1. ALL SANITARY SEWER MANHOLES TO BE CONSTRUCTED IN UNPAVED AREAS SHALL HAVE WATERTIGHT RING AND COVER UNLESS OTHERWISE NOTED.
2. THE LOCATIONS AND ELEVATION OF ALL SERVICE LINES ARE TO BE DETERMINED IN THE FIELD BY THE OWNER AND CONTRACTOR PRIOR TO CONSTRUCTION OF SAME.
3. ALL UTILITY MAINS AND FITTINGS INSTALLED UNDER THIS PROJECT SHALL BE COLOR-CODED OR MARKED IN ACCORDANCE WITH THE LATEST VERSION OF FLORIDA ADMINISTRATIVE CODES.
4. UTILITY CONFLICTS SHALL BE RESOLVED IN CONFORMANCE TO FDOT, FDEP, AND LOCAL PUBLIC WORKS STANDARDS HAVING JURISDICTION OVER THE PROJECT.
5. FORCEMAIN DEPTH OF COVER SHALL NOT BE LESS THAN 48-INCHES UNLESS APPROVED BY THE ENGINEER.
6. WATER MAINS SHALL HAVE A MINIMUM OF 36" COVER UNLESS APPROVED BY THE ENGINEER.
7. BENDS SHALL BE INSTALLED IN THE FORCEMAIN AND WATER MAIN TO AVOID UNFORESEEN CONFLICTS IN EXISTING OR PROPOSED STRUCTURES.
8. THE JOINT DEFLECTION METHOD SHALL BE USED WHERE PRACTICAL IN LIEU OF INSTALLING BENDS.
9. FIRE HYDRANT, GATE VALVE, AIR RELEASE VALVE, AND BLOW-OFF VALVE ASSEMBLIES SHALL CONSIST OF ALL PIPE, VALVES, TEES, FITTINGS, AND ANY OTHER APPURTENANCES COMPRISING A COMPLETE, WORKING UNIT.
10. THE LOCATION OF NEW FIRE HYDRANTS SHALL BE IDENTIFIED WITH A BLUE REFLECTIVE PAVEMENT MARKER INSTALLED ON THE ROADWAY. THE REFLECTIVE MARKER SHALL BE LOCATED PERPENDICULAR TO THE HYDRANT, IN THE CENTER OF THE LANE CLOSEST TO THE HYDRANT.
11. ON BOTH WATER AND SEWER TAPS, CONTRACTOR SHALL FURNISH AND INSTALL TAPPING SLEEVE AND VALVE AND ALL APPURTENANCES NECESSARY FOR CONSTRUCTION OF TAP UNLESS OTHERWISE DIRECTED.
12. ALL VALVE BOX ASSEMBLIES LOCATED WITHIN ROADWAYS OR PARKING AREAS SHALL BE PROTECTED FROM TRUCK TRAFFIC BY USE OF 6" THICK REINFORCED CONCRETE PADS POURED AROUND VALVE BOXES (SEE DETAIL).
13. VALVE BOXES SHALL NOT BE CONSTRUCTED IN CURBS, SIDEWALK RAMPS, OR DRIVEWAYS.
14. ALL VALVE BOXES SHALL BE INSTALLED PER THE DETAIL SHOWN. PRE-CAST VALVE PADS SHALL NOT BE USED.
15. ALL WATER AND SANITARY SEWER SERVICE LOCATIONS ARE SHOWN GRAPHICALLY FOR PLANNING PURPOSES ONLY. COORDINATE WITH UTILITY AUTHORITY FOR FINAL PLACEMENT LOCATION.
16. THE CONTRACTOR SHALL COORDINATE ANY SHUTDOWN OF THE EXISTING UTILITIES WITH UTILITY AUTHORITY.
17. ALL NON-METALLIC PIPES SHALL BE INSTALLED WITH 10-GAUGE COPPER TRACER WIRE.
18. ALL UTILITY MAINS SHALL BE INSTALLED ACCORDING TO ENGINEERING PLANS AND SPECIFICATIONS.
19. ALL VALVES AND

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CAUTION: GAS MAIN WITHIN WORK AREA. USE EXTREME CAUTION FOR ALL EXCAVATION ACTIVITIES

STATE OF FLORIDA E&SC DESIGNER & REVIEWER MANUAL; LATEST EDITION: JULY 2013




**Figure V-18: Illustration of an Inlet Insert Sediment Containment System**

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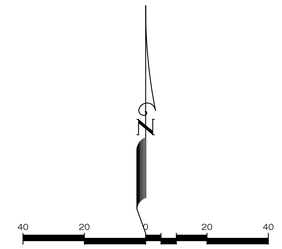





**Figure V-3: Illustration of Silt Fence Priority 2 – Black Band**

## DEMOLITION NOTES

1. CONTRACTOR SHALL REMOVE EXISTING SITE IMPROVEMENTS AS INDICATED ON THE PLANS INCLUDING BUT NOT LIMITED TO: SIDEWALKS, ASPHALT PAVEMENT, CURB AND GUTTER, STORM DRAINAGE STRUCTURES, PIPE, UTILITIES, FENCING, SIGNS, AND LANDSCAPING AS REQUIRED FOR CONSTRUCTION OF THE BUILDING EXPANSION.
2. THE LIBRARY SHALL REMAIN OPERATIONAL DURING CONSTRUCTION EXCEPT DURING COORDINATED CLOSURES. CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS AND COORDINATE ALL CLOSURES WITH THE OWNER AT LEAST 72 HOURS IN ADVANCE.
3. CONTRACTOR SHALL INSTALL AND MAINTAIN A 6' MINIMUM HEIGHT TEMPORARY CONSTRUCTION FENCE AROUND ACTIVE CONSTRUCTION AREAS TO MAINTAIN SITE SAFETY AND PREVENT UNAUTHORIZED ACCESS.
4. CONTRACTOR SHALL MAINTAIN CLEAR AND SAFE PEDESTRIAN ROUTES TO THE LIBRARY ENTRANCE OUTSIDE OF FENCED CONSTRUCTION ZONES.
5. ALL DEMOLITION DEBRIS SHALL BE REMOVED FROM THE SITE DAILY. NO STOCKPILING OR BURNING OF MATERIALS IS PERMITTED ON SITE. DISPOSAL SHALL BE AT A LEGAL OFF-SITE LOCATION.
6. CONTRACTOR SHALL FIELD-VERIFY THE LOCATION, SIZE, AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION. CALL 811 FOR UTILITY LOCATES AT LEAST 72 HOURS BEFORE DIGGING.
7. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES TO REMAIN. DAMAGE TO UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER AND UTILITY PROVIDER.
8. CONTRACTOR SHALL INSTALL AND MAINTAIN ALL REQUIRED EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO START OF DEMOLITION. REFER TO THE EROSION CONTROL PLAN FOR DETAILS.
9. CONTRACTOR SHALL PREVENT TRACKING OF MUD OR DEBRIS ONTO PUBLIC STREETS. SWEEPING SHALL BE PERFORMED DAILY OR AS NEEDED TO MAINTAIN CLEANLINESS.
10. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO TREES, STRUCTURES, AND IMPROVEMENTS OUTSIDE THE LIMITS OF DEMOLITION.
11. ALL DEMOLITION WORK SHALL BE PERFORMED IN ACCORDANCE WITH OSHA STANDARDS, LOCAL CODES, AND PROJECT SPECIFICATIONS.
12. CONTRACTOR SHALL COORDINATE WITH OWNER AND ENGINEER TO VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY.
13. CONTRACTOR SHALL NOT BEGIN DEMOLITION UNTIL ALL PERMITS, APPROVALS, AND UTILITY DISCONNECTS ARE OBTAINED.
14. SALVAGEABLE MATERIALS DESIGNATED BY THE OWNER SHALL BE PROTECTED AND DELIVERED TO A LOCATION SPECIFIED BY THE OWNER.
15. CONTRACTOR SHALL VERIFY THAT ALL DEMOLITION WORK IS COMPLETE AND SITE IS CLEAN PRIOR TO REQUESTING INSPECTION OR PROCEEDING WITH NEW CONSTRUCTION.




## LEGEND

| EXISTING | PROPOSED | |
|---|---|---|
| | | DEMOLITION AREA |
| 63 | 65.00 | CONTOUR |
| | | DIRECTION OF SURFACE FLOW |
| | | STAKED EROSION CONTROL |
| ZONE A | | FEMA FLOOD ZONE BOUNDARY |
| 82.0 | | BASE FLOOD ELEVATION (FT) |
| 15' BUFFER | | WETLAND LINE 15' BUFFER FROM WETLAND LINE |
| | | WETLAND AREAS |

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DHM MELVIN ENGINEERING

WASHINGTON COUNTY

**WASHINGTON COUNTY LIBRARY**

Washington County Public Library

1444 W JACKSON AVE.
CHIPLEY, FL 32428

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|

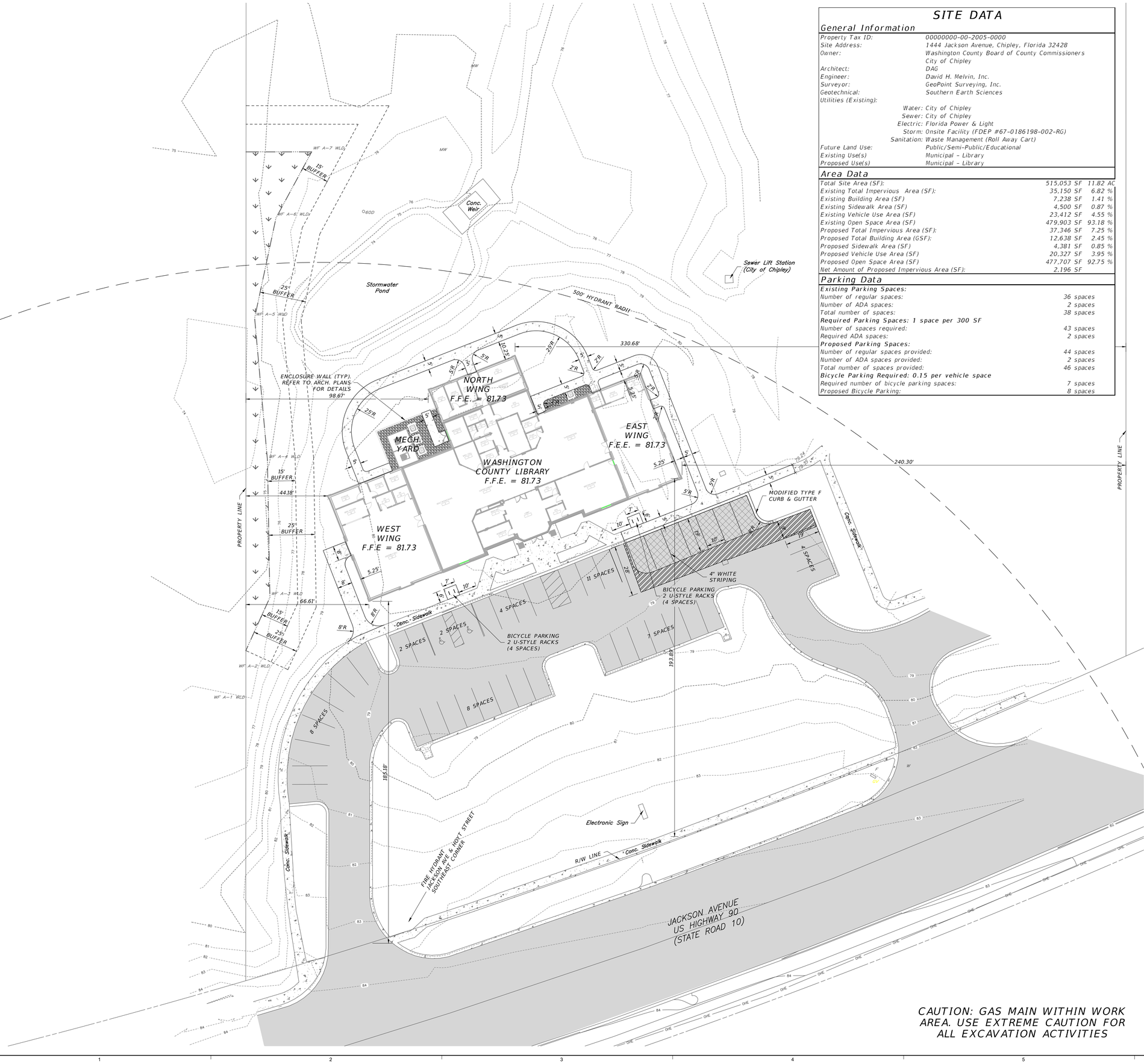
| | |
|---|---|
| Project Number | 25014 |
| Dated | 09-03-2025 |

DEMOLITION & EROSION CONTROL PLAN

**C003**

Sunshine 811
Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
Check positive response codes before you dig!

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## SITE DATA

### General Information

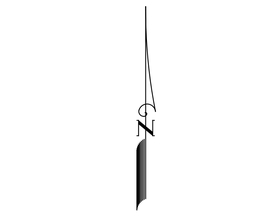
| | |
|---|---|
| Property Tax ID: | 00000000-00-2005-0000 |
| Site Address: | 1444 Jackson Avenue, Chipley, Florida 32428 |
| Owner: | Washington County Board of County Commissioners<br>City of Chipley |
| Architect: | DAG |
| Engineer: | David H. Melvin, Inc. |
| Surveyor: | GeoPoint Surveying, Inc. |
| Geotechnical: | Southern Earth Sciences |
| Utilities (Existing): | |
| Water: | City of Chipley |
| Sewer: | City of Chipley |
| Electric: | Florida Power & Light |
| Storm: | Onsite Facility (FDEP #67-0186198-002-RG) |
| Sanitation: | Waste Management (Roll Away Cart) |
| Future Land Use: | Public/Semi-Public/Educational |
| Existing Use(s) | Municipal - Library |
| Proposed Use(s) | Municipal - Library |

### Area Data

| | | |
|---|---|---|
| Total Site Area (SF): | 515,053 SF | 11.82 AC |
| Existing Total Impervious Area (SF): | 35,150 SF | 6.82 % |
| Existing Building Area (SF) | 7,238 SF | 1.41 % |
| Existing Sidewalk Area (SF) | 4,500 SF | 0.87 % |
| Existing Vehicle Use Area (SF) | 23,412 SF | 4.55 % |
| Existing Open Space Area (SF) | 479,903 SF | 93.18 % |
| Proposed Total Impervious Area (SF): | 37,346 SF | 7.25 % |
| Proposed Total Building Area (GSF): | 12,638 SF | 2.45 % |
| Proposed Sidewalk Area (SF) | 4,381 SF | 0.85 % |
| Proposed Vehicle Use Area (SF) | 20,327 SF | 3.95 % |
| Proposed Open Space Area (SF) | 477,707 SF | 92.75 % |
| Net Amount of Proposed Impervious Area (SF): | 2,196 SF | |

### Parking Data

| | |
|---|---|
| **Existing Parking Spaces:** | |
| Number of regular spaces: | 36 spaces |
| Number of ADA spaces: | 2 spaces |
| Total number of spaces: | 38 spaces |
| **Required Parking Spaces: 1 space per 300 SF** | |
| Number of spaces required: | 43 spaces |
| Required ADA spaces: | 2 spaces |
| **Proposed Parking Spaces:** | |
| Number of regular spaces provided: | 44 spaces |
| Number of ADA spaces provided: | 2 spaces |
| Total number of spaces provided: | 46 spaces |
| **Bicycle Parking Required: 0.15 per vehicle space** | |
| Required number of bicycle parking spaces: | 7 spaces |
| Proposed Bicycle Parking: | 8 spaces |




### LEGEND

| EXISTING | PROPOSED | |
|---|---|---|
| | 12 | STORM DRAINAGE STRUCTURE & PIPE PIPE SIZE IN INCHES |
| (10) | (10) | STRUCTURE NO. |
| x 62.9 | 65.00 | SPOT ELEVATION |
| | 65.00 | PROPOSED PROFILE GRADE ELEVATION |
| 63 | 65.00 | CONTOUR |
| | | DIRECTION OF SURFACE FLOW |
| | | STAKED EROSION CONTROL |
| ZONE A | | FEMA FLOOD ZONE BOUNDARY |
| 62.0 | | BASE FLOOD ELEVATION (FT) |
| | | WETLAND LINE |
| 15' BUFFER | | 15' BUFFER FROM WETLAND LINE |
| | | WETLAND AREAS |
| | | PROPOSED CONCRETE SIDEWALK |
| | | PROPOSED ASPHALT PAVEMENT (FULL DEPTH) |
| | | PROPOSED MILLING LIMITS (1") |

## SITE PLAN NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING IMPROVEMENTS, UTILITIES, AND PROPERTY LINES IN THE FIELD AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
2. ALL WORK SHALL CONFORM TO THE CITY OF CHIPLEY LAND DEVELOPMENT REGULATIONS, STANDARD DETAILS, AND CURRENT FDOT CRITERIA WHERE APPLICABLE.
3. LIMITS OF CLEARING AND GRADING SHALL BE AS SHOWN; THE CONTRACTOR SHALL CONFINE OPERATIONS TO THESE AREAS AND PROTECT EXISTING VEGETATION OUTSIDE OF LIMITS.
4. PROVIDE AND MAINTAIN A STABILIZED CONSTRUCTION ENTRANCE PER CITY STANDARDS TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC ROADWAYS. CLEAN ADJACENT STREETS AND PARKING AREAS OF DEBRIS DAILY.
5. TEMPORARY EROSION-AND-SEDIMENT CONTROLS (SILT FENCE, INLET PROTECTION, STABILIZED CONSTRUCTION ENTRANCES) SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBANCE AND MAINTAINED UNTIL FINAL STABILIZATION.
6. STOCKPILE ALL TOPSOIL WITHIN THE DESIGNATED AREA, PROTECT WITH EROSION CONTROLS, AND REUSE FOR LANDSCAPE AND SEEDING AREAS; NO STOCKPILING IN WETLANDS OR FLOODPLAIN.
7. PROTECT ALL EXISTING UTILITIES, PAVEMENT, CURBS, SIDEWALKS, AND LANDSCAPING FROM DAMAGE; REPAIR OR REPLACE DAMAGED ITEMS AT NO COST TO THE OWNER.
8. PROVIDE CONSTRUCTION SIGNAGE, BARRIERS, AND PEDESTRIAN DETOURS IN PUBLIC RIGHT-OF-WAY TO MAINTAIN ACCESS TO THE FACILITY AS REQUIRED BY THE CITY OF CHIPLEY AND FDOT TRAFFIC CONTROL STANDARDS.
9. COORDINATE ALL UTILITY SHUT-OFFS TIE-INS AND CONNECTIONS WITH THE ENGINEER; SUBMIT PROPOSED SHUTDOWN SCHEDULES TO THE ENGINEER FOR APPROVAL AT LEAST 7 DAYS IN ADVANCE.
10. CONFINE EQUIPMENT STORAGE, STOCKPILES, AND CONTRACTOR PARKING TO THE AREAS SHOWN; DO NOT BLOCK FIRE LANES OR IMPEDE EMERGENCY ACCESS.
11. ALL DISTURBED AREAS SHALL BE FINE-GRADED, MULCHED, SEEDED, OR SODDED WITHIN 14 DAYS OF FINAL GRADING.
12. CONCRETE WORK (PAVEMENT, SIDEWALKS, CURBS, GUTTERS) SHALL CONFORM TO FDOT STANDARD PLANS AND CITY OF CHIPLEY STANDARD DETAILS; PROVIDE AIR-ENTRAINED CONCRETE IN ALL EXTERIOR APPLICATIONS.
13. CONTRACTOR SHALL SCHEDULE AND COORDINATE ALL BUILDING INSPECTIONS WITH THE WASHINGTON COUNTY BUILDING DEPARTMENT; DO NOT COVER WORK WITHOUT APPROVED INSPECTION.
14. UPON COMPLETION, SUBMIT CERTIFIED "AS-BUILT" PLANS PREPARED BY A FLORIDA PROFESSIONAL SURVEYOR IN BOTH PDF AND AUTOCAD FORMATS FOR REVIEW BY THE ENGINEER

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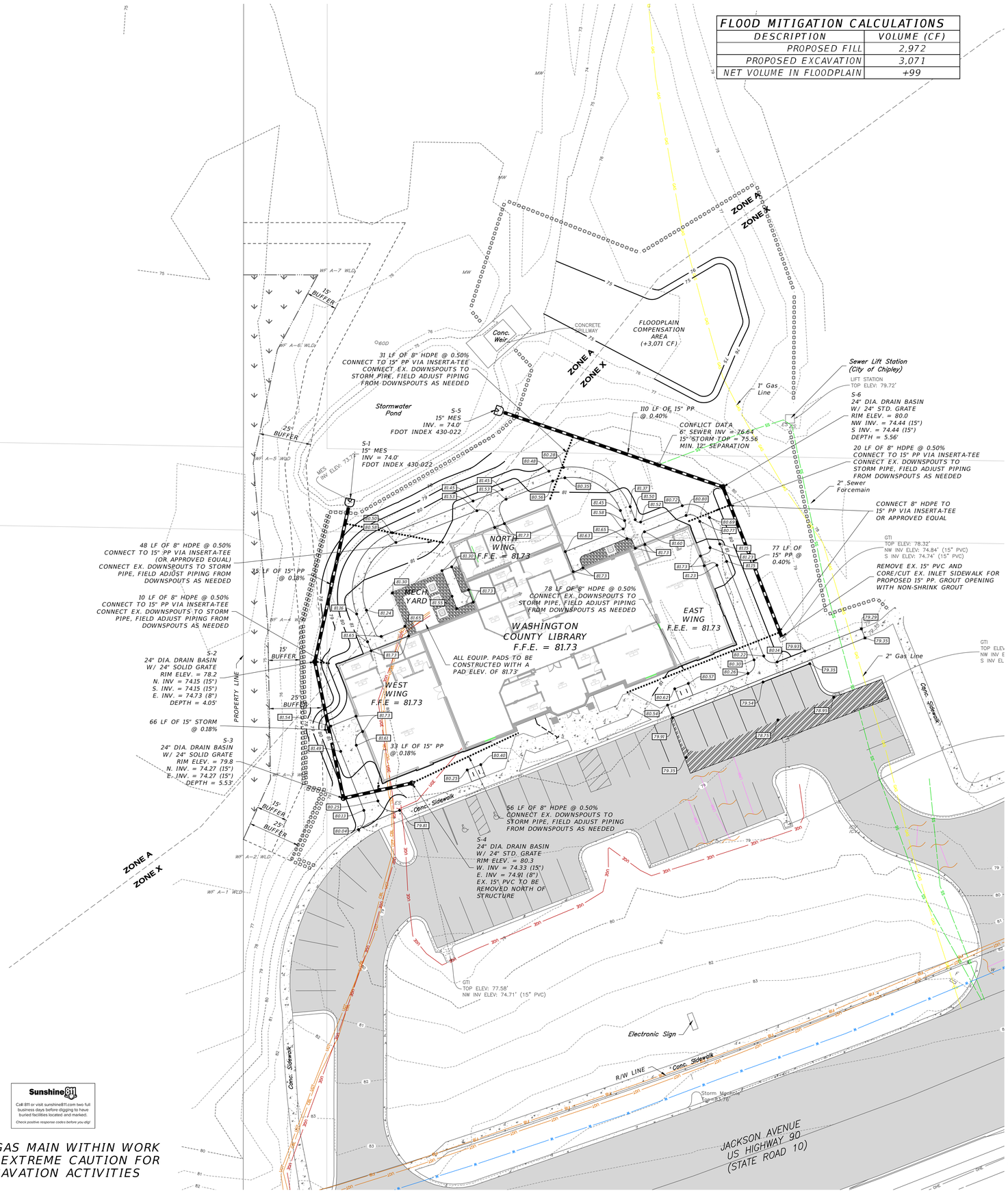
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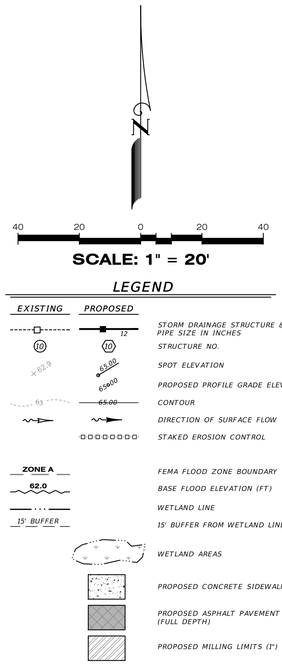
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| Project Number | 25014 |
| Dated | 09-03-2025 |

SITE PLAN

**C004**

| FLOOD MITIGATION CALCULATIONS | |
|---|---|
| DESCRIPTION | VOLUME (CF) |
| PROPOSED FILL | 2,972 |
| PROPOSED EXCAVATION | 3,071 |
| NET VOLUME IN FLOODPLAIN | +99 |




## GRADING & DRAINAGE NOTES

1. ALL FINISH GRADES SHALL CONFORM TO THE ELEVATIONS SHOWN; PROVIDE A MAXIMUM TOLERANCE OF ±0.1 FT AND MATCH ADJOINING EXISTING GRADES SMOOTHLY.
2. PROVIDE POSITIVE SURFACE DRAINAGE AWAY FROM BUILDING FOUNDATIONS AT A MINIMUM SLOPE OF 1 PERCENT (1 FT PER 100 FT) FOR THE FIRST 10 FT BEYOND THE BUILDING PERIMETER.
3. GRADING SHALL ENSURE NO PONDING OF SURFACE WATER; LOW POINTS SHALL BE AVOIDED AND SWALES DIRECTED TOWARD DESIGNATED INLETS OR STORMWATER CONVEYANCES.
4. INSTALL ALL STORM DRAINAGE STRUCTURES, PIPING, AND APPURTENANCES PER THESE PLANS AND DETAILS
5. BEDDING AND BACKFILL FOR STORM PIPING SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS. .
6. PROVIDE RIPRAP ENERGY DISSIPATORS AT OUTLET ENDS OF ALL CONCENTRATED FLOW PIPES; RIPRAP SHALL BE CLASS II STONE PER FDOT SPECIFICATIONS.
7. INSTALL INLET PROTECTION DEVICES (E.G., FILTER FABRIC SACKS OR GRAVEL DIAPHRAGMS) PRIOR TO ANY GRADING AND MAINTAIN UNTIL FINAL STABILIZATION.
8. EROSION AND SEDIMENT CONTROLS SHALL COMPLY WITH THE APPROVED SWPPP AND FLORIDA EROSION CONTROL CERTIFICATION REQUIREMENTS; MAINTAIN SILT FENCE, SEDIMENT BASINS, AND STABILIZED CONSTRUCTION ENTRANCES THROUGHOUT CONSTRUCTION.
9. PROTECT ALL EXISTING STORM STRUCTURES, CULVERTS, AND UTILITIES DURING CONSTRUCTION; ANY DAMAGED FACILITIES SHALL BE REPAIRED OR REPLACED AT NO COST TO THE OWNER.
10. ALL ROOF LEADERS, DOWNSPOUTS, AND SPLASH BLOCKS SHALL DISCHARGE TO A STABILIZED OUTLET OR CONNECT TO THE STORM DRAINAGE SYSTEM; NO CONCENTRATED DISCHARGE ONTO BARE SOILS.
11. CONTRACTOR SHALL VERIFY INVERT ELEVATIONS OF EXISTING PIPES AND UTILITIES IN THE FIELD PRIOR TO PIPE INSTALLATION; DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
12. UPON COMPLETION, SUBMIT "AS-BUILT" COMPLETED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR IN BOTH HARD-COPY AND AUTOCAD FORMATS FOR ENGINEER'S REVIEW.

## SITE PREPARATION NOTES

1. CONTRACTOR SHALL REVIEW, BE FAMILIAR WITH, AND COMPLY FULLY WITH ALL RECOMMENDATIONS IN THE "P25-018 GEOTECHNICAL REPORT – CHIPLEY LIBRARY EXPANSION PROJECT," SOUTHERN EARTH SCIENCES, INC., DATED MAY 2, 2025, PROJECT NO. P25-018, AND IS RESPONSIBLE FOR EXECUTING ALL WORK IN ACCORDANCE WITH THAT REPORT.
2. CLEAR AND GRUB ALL TOPSOIL, ORGANICS, AND DELETERIOUS MATERIALS WITHIN THE BUILDING FOOTPRINT AND EXTEND 5 FT BEYOND THE PERIMETER; ORGANICS ENCOUNTERED IN TOP 6-12 IN. SHALL BE REMOVED.
3. AFTER GRUBBING, MOISTURE-CONDITION AND COMPACT EXISTING SOILS TO 95 % OF MODIFIED PROCTOR (ASTM D-1557):
   - 3.1. EAST AND WEST WINGS: COMPACT TO 1 FT BELOW EXISTING GRADE
   - 3.2. NORTH WING: COMPACT TO 2 FT BELOW EXISTING GRADE
   - 3.3. USE STATIC-WEIGHT ROLLERS ONLY; NO VIBRATORY COMPACTION WITHIN 50 FT OF EXISTING BUILDINGS; WITHIN 5 FT OF FOUNDATIONS USE HAND-OPERATED EQUIPMENT ONLY (E.G., SLED TAMPS, JUMPING JACKS).
4. FOR ANY FILL REQUIRED TO BRING TO FINISHED GRADE, USE NON-PLASTIC SANDS TO CLAYEY SANDS WITH ≤ 15 % PASSING NO. 200 SIEVE, FREE OF ORGANICS, CLAY BALLS, AND RUBBLE; PLACE IN ≤ 12 IN. LIFTS AND COMPACT EACH LIFT TO 95 % MODIFIED PROCTOR.
5. UPON EXCAVATING FOOTINGS, COMPACT FOOTING BOTTOMS TO 95 % MODIFIED PROCTOR TO A DEPTH OF 1 FT BELOW FOOTING BOTTOM; WITHIN FOOTING TRENCHES NEAR EXISTING BUILDINGS, USE HAND COMPACTION ONLY.
6. PERFORM MOISTURE-DENSITY TESTS (PROCTORS) AND IN-PLACE DENSITY TESTS TO VERIFY COMPACTION AT THE FOLLOWING FREQUENCIES:
   - 6.1. 1 TEST PER 50 LF OF WALL FOOTING
   - 6.2. 1 TEST PER COLUMN FOOTING
   - 6.3. 1 TEST PER 1,000 SF OF EXISTING SOILS AND PER EACH FOOT OF FILL SOILS
7. IN PAVEMENT AREAS (E.G., TEST LOCATION P-1), REMOVE ORGANIC AND PLASTIC CLAY LAYERS TO ~3 FT BELOW SURFACE; REPLACE WITH SUITABLE FILL SOILS (AS ABOVE), COMPACT SUBGRADE TO 95 % MODIFIED PROCTOR (AASHTO T-180) TO 12 IN. DEPTH, STABILIZE TOP 12 IN. TO LBR 40; VIBRATORY ROLLER PERMITTED ONLY IF ≥ 50 FT FROM STRUCTURES AND GROUNDWATER IS DEEPER THAN 2 FT.
8. VERIFY GROUNDWATER DEPTHS IMMEDIATELY BEFORE EXCAVATION; OBSERVED SEASONAL HIGH AT APPROXIMATELY 3.0 FT ± 0.5 FT BGS (MEASURED 3.3-4.9 FT BGS); DEWATERING MAY BE REQUIRED. CONTRACTOR SHALL BE REQUIRED TO PREPARE, SUBMIT, AND COMPLY WITH ANY DEWATERING PERMIT(S) REQUIRED

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CAUTION: GAS MAIN WITHIN WORK AREA. USE EXTREME CAUTION FOR ALL EXCAVATION ACTIVITIES

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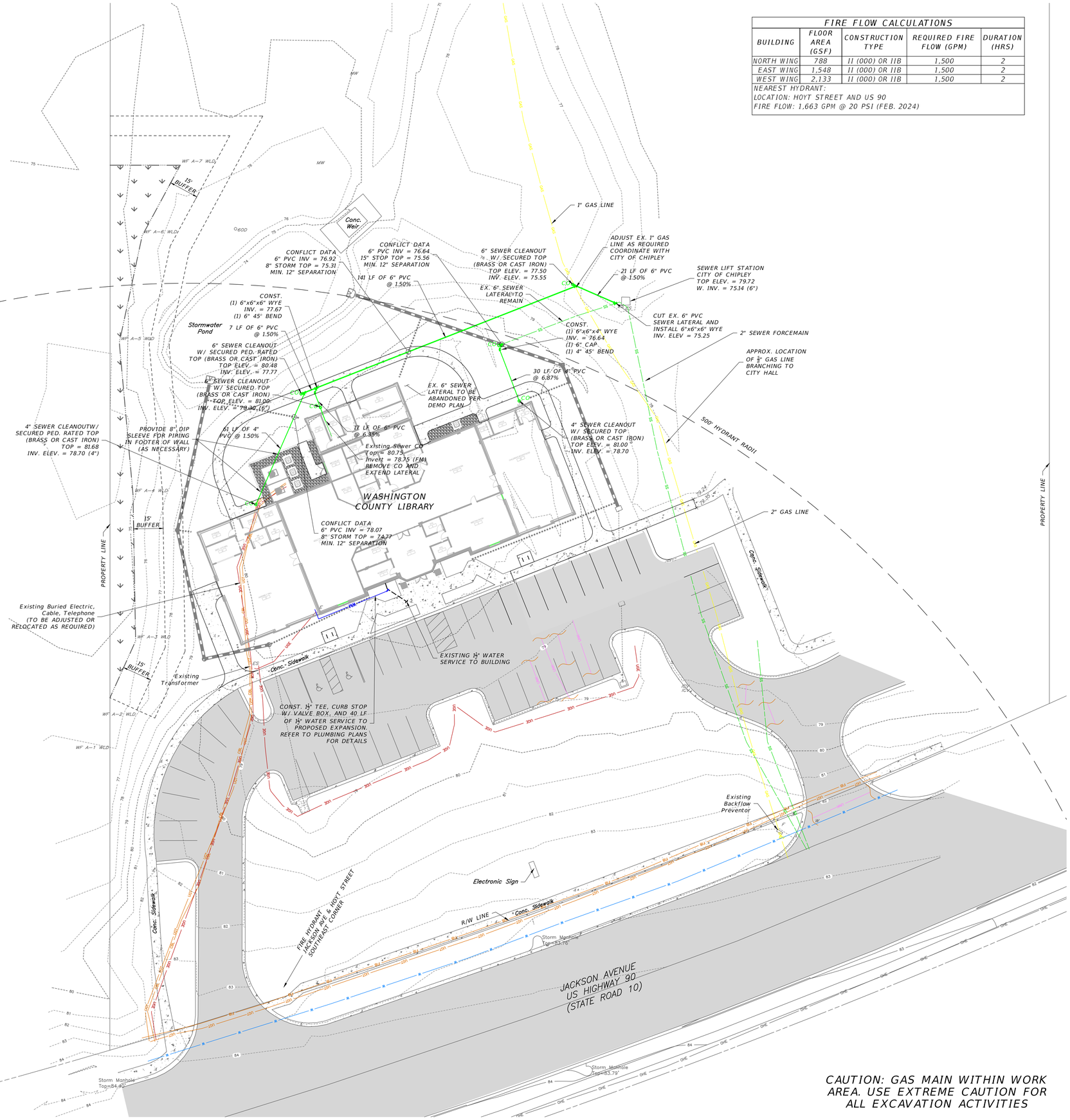
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| Project Number | 25014 |
| Dated | 09-03-2025 |

GRADING & DRAINAGE PLAN

**C005**

| FIRE FLOW CALCULATIONS | | | | |
|---|---|---|---|---|
| BUILDING | FLOOR AREA (GSF) | CONSTRUCTION TYPE | REQUIRED FIRE FLOW (GPM) | DURATION (HRS) |
| NORTH WING | 788 | II (000) OR IIB | 1,500 | 2 |
| EAST WING | 1,548 | II (000) OR IIB | 1,500 | 2 |
| WEST WING | 2,133 | II (000) OR IIB | 1,500 | 2 |
| NEAREST HYDRANT: LOCATION: HOYT STREET AND US 90 FIRE FLOW: 1,663 GPM @ 20 PSI (FEB. 2024) | | | | |




CAUTION: GAS MAIN WITHIN WORK AREA. USE EXTREME CAUTION FOR ALL EXCAVATION ACTIVITIES

N

40 20 0 20 40

SCALE: 1" = 20'

## LEGEND

| EXISTING | PROPOSED | |
|---|---|---|
| | | WATER MAIN (WM) |
| | | FIRE HYDRANT |
| | | VALVE & BOX |
| | | REDUCER |
| | | PLUG |
| | | BLOW-OFF |
| | | BENDS |
| | | VERTICAL BENDS |
| | | DUAL SERVICE (WM) NEAR SIDE |
| | | SINGLE SERVICE (WM) NEAR SIDE 1 LOT |
| | | SINGLE SERVICE (WM) NEAR SIDE 2 LOTS |
| | | * SINGLE SERVICE (WM) FAR SIDE W/SERVICE CASING |
| | | * DUAL SERVICE (WM) FAR SIDE W/SERVICE CASING |
| | | WATER SERVICE W/VALVE |
| | WM# | * 2" SERVICE ASSEMBLY |
| | WDSP | WATER DISTRIBUTION SAMPLING POINT |
| | RS-A | * IRRIGATION SERVICE |
| A2 | A2 | SANITARY SEWER (SM) |
| | | SINGLE SANITARY SERVICE |
| | | DOUBLE SANITARY SERVICE |
| | THM CO INV | 6" SANITARY SERVICE TO TOWNHOME |
| | | SANITARY FORCE MAIN (FM) |
| | | RECLAIMED MAIN (RM) |
| | | 2" SERVICE ASSEMBLY (RM) |
| | | DUAL SERVICE (RM) NEAR SIDE |
| | | SINGLE SERVICE (RM) NEAR SIDE |
| | | * SINGLE SERVICE (RM) FAR SIDE W/SERVICE CASING |
| | | * DUAL SERVICE (RM) FAR SIDE W/SERVICE CASING |

## UTILITY NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING UNDERGROUND UTILITIES IN THE FIELD AND NOTIFY THE ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO TRENCHING.
2. ALL WORK SHALL CONFORM TO THE THESE PLANS AND ANY APPLICABLE CITY OF CHIPLEY STANDARDS, FLORIDA BUILDING CODE, AND ANSI/AWWA AND ASTM SPECIFICATIONS FOR PIPE AND FITTINGS.
3. PROVIDE A MINIMUM COVER OF 36 IN. OVER THE CROWN OF WATER SERVICES AND 36 IN. OVER THE CROWN OF SEWER LATERALS UNLESS OTHERWISE SHOWN.
4. TRENCH EXCAVATION AND BACKFILL SHALL COMPLY WITH THESE PLANS AND APPLICABLE FDOT STANDARD SPECIFICATIONS; MAINTAIN TRENCH WIDTH TO ALLOW PROPER COMPACTION AND INSTALLATION OF PIPING AND EMBEDMENT.
5. PIPE BEDDING SHALL CONSIST OF GRANULAR MATERIAL (NO. 57 STONE OR PEA GRAVEL) TO A MIN. DEPTH OF 4 IN. BELOW PIPE AND 6 IN. ABOVE SPRINGLINE; COMPACT TO 95 % STANDARD PROCTOR IN MAXIMUM 8-IN. LIFTS.
6. INSTALL WATER SERVICE LINES WITH PER PLUMBING PLANS, PROVIDE ANY NECESSARY CORPORATION STOP AT MAIN, CURB STOP AT PROPERTY LINE, AND SERVICE SADDLE/CLAMP PER AWWA STANDARDS.
7. INSTALL SEWER LATERALS OF PVC SDR-26 AS SHOWN, WITH AN ACCESSIBLE CLEANOUT AS SHOWN; SLOPE LATERALS AT 1.5% MINIMUM.
8. PERFORM HYDROSTATIC PRESSURE TEST ON WATER MAINS (150 PSI FOR 2 HOURS) AND LOW-PRESSURE AIR TEST ON SEWER LATERALS (4 PSI FOR 15 MINUTES) IN ACCORDANCE WITH FDEP GUIDELINES; PROVIDE TEST REPORTS TO ENGINEER.
9. DISINFECT WATER AND SERVICES BY CHLORINATION (50 MG/L CHLORINE RESIDUAL FOR 24 HOURS), THEN FLUSH UNTIL CHLORINE RESIDUAL IS <1 MG/L; SUBMIT BACTERIOLOGICAL TEST RESULTS FROM A STATE-CERTIFIED LAB.
10. PROTECT ADJACENT PAVEMENTS, SIDEWALKS, AND STRUCTURES DURING EXCAVATION; RESTORE ALL SURFACES TO EQUAL OR BETTER CONDITION THAN EXISTING.
11. MAINTAIN EXISTING SERVICE TO OCCUPIED BUILDINGS; COORDINATE ANY SHUTDOWNS WITH THE UTILITY DEPARTMENT AT LEAST 7 DAYS IN ADVANCE AND PROVIDE TEMPORARY SERVICE IF REQUESTED.
12. INSTALL TEMPORARY TRENCH PAVING OR COLD-PATCH ASPHALT OVER OPEN TRENCHES IN PUBLIC ROADWAYS AND PARKING LOT AT THE END OF EACH WORKDAY; PERMANENT PAVEMENT REPAIRS SHALL CONFORM TO FDOT STANDARDS
13. ALL MATERIALS AND WORKMANSHIP ARE SUBJECT TO INSPECTION BY WASHINGTON COUNTY BUILDING DEPARTMENT AND THE CITY OF CHIPLEY ; DO NOT COVER OR BACKFILL WITHOUT APPROVED INSPECTION.
14. SUBMIT "AS-BUILT" UTILITY PLANS SHOWING INVERT/ELEVATION DATA, SERVICE LOCATIONS, AND MATERIAL TYPES IN BOTH PDF AND AUTOCAD FORMATS UPON COMPLETION.

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UTILITY PLAN

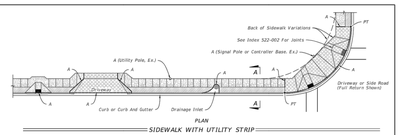
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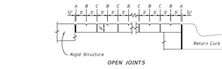
## GENERAL NOTES:

1. Construct sidewalks in accordance with Specification 522. Use 6" concrete for Sidewalks and Curb Ramps Located within Curb Returns (See Plan View). Install at other concrete with thickness as shown, unless otherwise detailed in the Plans.
2. Include detectable warnings on sidewalk curb ramps in accordance with Index 522-002.
3. For Driveways see Index 522-001.
4. Bond breaker material can be any impermeable coated or sheet membrane or preformed material having a thickness of not less than 6 mils and not more than ½".
5. Construct sidewalks with Edge Beam through the limits of any surface mounted Pedestrian/Bicycle Railing or Pile Guiderail shown in the plans. (See RAIL(06) DETAIL)

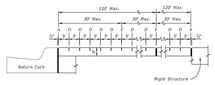



PLAN

SIDEWALK WITH UTILITY STRIP




OPEN JOINTS




SAWED JOINTS

LONGITUDINAL SECTION

LEGEND:

A- ½" Expansion Joints (Preformed Joint Fillers) between the sidewalk and; Driveways, sidewalk-intersections, and all other fixed objects (e.g. drainage inlets and utility poles).

B- ½" Dummy Joints, Tooled

C- ¼" Formed Open Joints

D- ¾" Saw Cut Joints, 1¼" Deep (within 96 hours) Max. 5' Centers

E- ¾" Saw Cut Joints, 1¼" Deep (within 12 hours) Max. 30' Centers (Joints) Required When Length Exceeds 30'

F- ½" Expansion Joint When Run Of Sidewalk Exceeds 120. Intermediate locations when called for in the plans or at locations as directed by the Engineer.

G- Cold Joint With Bond Breaker, Tooled




PLAN

SIDEWALK WITHOUT UTILITY STRIP

LEGEND:

4" Thick Sidewalk

6" Thick Sidewalk

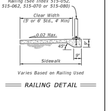
Utility Strip




SECTION A-A




SECTION B-B

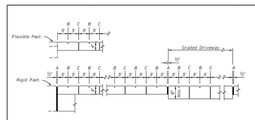



RAILING DETAIL

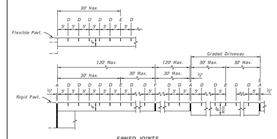
SIDEWALK JOINTS

GENERAL NOTES AND CONCRETE SIDEWALK ON CURBED ROADWAYS

| LAST REVISION | DESCRIPTION: | FDOT | FY 2025-26 STANDARD PLANS | CONCRETE SIDEWALK | INDEX | SHEET |
|---|---|---|---|---|---|---|
| 11/01/18 | | | | | 522-001 | 1 of 2 |




OPEN JOINTS




SAWED JOINTS

LONGITUDINAL SECTION

LEGEND:

A- ½" Expansion Joints (Preformed Joint Filler) between the sidewalk and Driveways, sidewalk-intersections, and all other fixed objects (e.g. drainage inlets and utility poles).

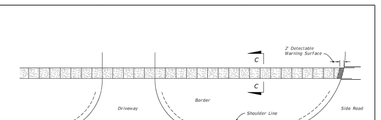
B- ½" Dummy Joints, Tooled

C- ¼" Formed Open Joints

D- ¾" Saw Cut Joints, 1¼" Deep (within 96 hours) Max. 5' Centers

E- ¾" Saw Cut Joints, 1¼" Deep (within 12 hours) Max. 30' Centers (Joints) Required When Length Exceeds 30'

F- ½" Expansion Joint When Run Of Sidewalk Exceeds 120. Intermediate locations when called for in the plans or at locations as directed by the Engineer.

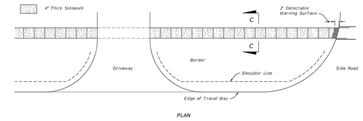



PLAN

CONTINUOUS SIDEWALK

LEGEND:

4" Thick Sidewalk




PLAN

DISCONTINUOUS SIDEWALK




SECTION C-C

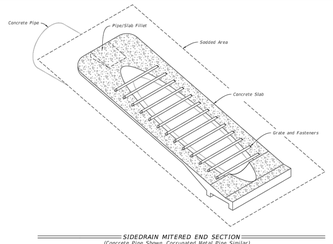
SIDEWALK JOINTS

CONCRETE SIDEWALK ON FLUSH SHOULDER ROADWAYS

| LAST REVISION | DESCRIPTION: | FDOT | FY 2025-26 STANDARD PLANS | CONCRETE SIDEWALK | INDEX | SHEET |
|---|---|---|---|---|---|---|
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## GENERAL NOTES:

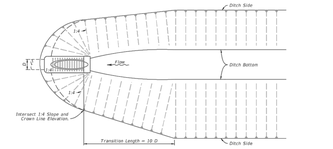
1. Unless otherwise designated in the plans, concrete pipe mitered end sections may be used with any type of side drain pipe; corrugated steel pipe mitered end sections may be used with any type of side drain pipe except aluminum pipe; and, corrugated aluminum mitered end sections may be used with any type of side drain pipe except steel pipe. When a mitered end section type is specified in the plans, construct the mitered end sections with like pipe or concrete pipe. When the mitered end section pipe is dissimilar to the side drain pipe, construct a concrete jacket in accordance with Index 430-001 or use manufacturer approved coupler.
2. Use either corrugated metal or concrete mitered end sections for corrugated polyethylene pipe (HDPE), polyvinyl-chloride pipe (PVC), steel reinforced polyethylene pipe (SRPE), and polypropylene pipe (PP). When used in conjunction with corrugated metal mitered end sections, make connection using a formed metal band specifically designated to join HDPE, PVC, SRPE, or PVC pipe. When used in conjunction with a concrete mitered end sections, construct concrete jacket in accordance with Index 430-001.
3. Use class RS concrete cast-in-place reinforced slabs for all cross drain pipes.
4. Select lengths of concrete pipe that avoid excessive connections in the assembly of the mitered end section.
5. Repair corrugated metal pipe galvanizing that is damaged during beveling and perforating.
6. When existing multiple side drain pipes are spaced other than the dimensions shown in this Index, have interparallel axes, or non-uniform sections, either construct the mitered end sections separately as single pipe or collectively as multiple pipe end sections as directed by the Engineer.
7. Saddle Slope:
   1:4 Miter - Slope to ¾ of pipe for round pipes less than or equal to 18" diameter and 1:1 for round pipes greater than or equal to 24" diameter.
   Slope to the major axis for elliptical pipes 24"x38" or smaller and 1:2 for pipes 29"x45" or larger.
   1:2 Miter - Slope to ¾ of pipe for round pipes less than or equal to 18"diameter and 1:2 for round pipes greater than or equal to 24" diameter.
   Slope to the major axis for elliptical pipes 29"x45" or smaller and 1:1 for pipes 34"x53" or larger.
   Slope 1:1 for all pipe arch sizes.
8. Quantities shown are for estimating purposes only.




SIDEDRAIN MITERED END SECTION
(Concrete Pipe Shown, Corrugated Metal Pipe Similar)

TABLE OF CONTENTS:


| Sheet | Description |
|---|---|
| 1 | General Notes and Contents |
| 2 | Single and Multiple Concrete Pipe |
| 3 | Concrete Pipe Dimensions and Quantities and Permissible Pavement Modification |
| 4 | Single and Multiple Corrugated Metal Pipe |
| 5 | Corrugated Metal Dimensions and Quantities |
| 6 | Concrete Pipe Connection and Corrugated Metal Pipe Anchor Details |
| 7 | Fastener Unit and Grate Details |

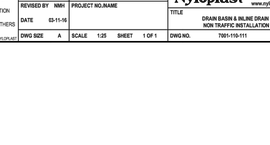




DITCH TRANSITION

| LAST REVISION | DESCRIPTION: | FDOT | FY 2025-26 STANDARD PLANS | SIDE DRAIN MITERED END SECTION | INDEX | SHEET |
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PLAN - SINGLE PIPE




PLAN - MULTIPLE PIPE




ELEVATION




SECTION A-A
(Pipe/Slab Fillet)




DETAIL "A"

ROUND CONCRETE PIPE
(Elliptical Pipe Similar)

SINGLE AND MULTIPLE CONCRETE PIPE

| LAST REVISION | DESCRIPTION: | FDOT | FY 2025-26 STANDARD PLANS | SIDE DRAIN MITERED END SECTION | INDEX | SHEET |
|---|---|---|---|---|---|---|
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SINGLE AND MULTIPLE CONCRETE PIPE DIMENSIONS AND QUANTITIES

| Dia. | Pipe Area | Wall Thick | Span | A | B | C | E | F | G | H | W SINGLE SIZE: Single Pipe | Double Pipe | Triple Pipe | Quad Pipe | N | W CONC. SLAB (CY): STANDARD WEIGHT PIPE | EXTRA STRONG PIPE | Single Pipe | Double Pipe | Triple Pipe | Quad Pipe | GOODING (SF): Single Pipe | Double Pipe | Triple Pipe | Quad Pipe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12" | SQ | — | — | 2'-0" | 2'-0" | 4'-0" | 3'-0" | 1'-0" | 4'-0" | 4'-0" | 4'-0" | 7'-3" | 10'-6" | 13'-9" | 1'-6" | | | 0.78 | 1.56 | 2.34 | 3.12 | 8 | 15 | 22 | 29 |
| 15" | SQ | — | — | 2'-3" | 2'-3" | 4'-3" | 3'-3" | 1'-3" | 4'-3" | 4'-3" | 4'-3" | 7'-6" | 10'-9" | 14'-0" | 1'-6" | | | 0.85 | 1.70 | 2.55 | 3.40 | 8 | 15 | 22 | 29 |
| 18" | SQ | — | — | 2'-6" | 2'-6" | 4'-6" | 3'-6" | 1'-6" | 4'-6" | 4'-6" | 4'-6" | 7'-9" | 11'-0" | 14'-3" | 1'-6" | | | 0.93 | 1.85 | 2.77 | 3.70 | 8 | 15 | 22 | 29 |
| 24" | SQ | — | — | 3'-0" | 3'-0" | 5'-0" | 4'-0" | 2'-0" | 5'-0" | 5'-0" | 5'-0" | 8'-3" | 11'-6" | 14'-9" | 1'-6" | | | 1.01 | 2.02 | 3.03 | 4.04 | 11 | 21 | 31 | 41 |
| 30" | SQ | — | — | 3'-6" | 3'-6" | 5'-6" | 4'-6" | 2'-6" | 5'-6" | 5'-6" | 5'-6" | 8'-9" | 12'-0" | 15'-3" | 1'-6" | | | 1.09 | 2.18 | 3.27 | 4.36 | 11 | 21 | 31 | 41 |
| 36" | SQ | — | — | 4'-0" | 4'-0" | 6'-0" | 5'-0" | 3'-0" | 6'-0" | 6'-0" | 6'-0" | 9'-3" | 12'-6" | 15'-9" | 1'-6" | | | 1.17 | 2.34 | 3.51 | 4.68 | 11 | 21 | 31 | 41 |
| 42" | SQ | — | — | 4'-6" | 4'-6" | 6'-6" | 5'-6" | 3'-6" | 6'-6" | 6'-6" | 6'-6" | 9'-9" | 13'-0" | 16'-3" | 1'-6" | | | 1.25 | 2.50 | 3.75 | 5.00 | 11 | 21 | 31 | 41 |
| 48" | SQ | — | — | 5'-0" | 5'-0" | 7'-0" | 6'-0" | 4'-0" | 7'-0" | 7'-0" | 7'-0" | 10'-3" | 13'-6" | 16'-9" | 1'-6" | | | 1.33 | 2.66 | 3.99 | 5.32 | 11 | 21 | 31 | 41 |
| 54" | SQ | — | — | 5'-6" | 5'-6" | 7'-6" | 6'-6" | 4'-6" | 7'-6" | 7'-6" | 7'-6" | 10'-9" | 14'-0" | 17'-3" | 1'-6" | | | 1.41 | 2.82 | 4.23 | 5.64 | 11 | 21 | 31 | 41 |
| 60" | SQ | — | — | 6'-0" | 6'-0" | 8'-0" | 7'-0" | 5'-0" | 8'-0" | 8'-0" | 8'-0" | 11'-3" | 14'-6" | 17'-9" | 1'-6" | | | 1.49 | 2.98 | 4.47 | 5.96 | 11 | 21 | 31 | 41 |
| 66" | SQ | — | — | 6'-6" | 6'-6" | 8'-6" | 7'-6" | 5'-6" | 8'-6" | 8'-6" | 8'-6" | 11'-9" | 15'-0" | 18'-3" | 1'-6" | | | 1.57 | 3.14 | 4.71 | 6.28 | 11 | 21 | 31 | 41 |
| 72" | SQ | — | — | 7'-0" | 7'-0" | 9'-0" | 8'-0" | 6'-0" | 9'-0" | 9'-0" | 9'-0" | 12'-3" | 15'-6" | 18'-9" | 1'-6" | | | 1.65 | 3.30 | 4.95 | 6.60 | 11 | 21 | 31 | 41 |
| 78" | SQ | — | — | 7'-6" | 7'-6" | 9'-6" | 8'-6" | 6'-6" | 9'-6" | 9'-6" | 9'-6" | 12'-9" | 16'-0" | 19'-3" | 1'-6" | | | 1.73 | 3.46 | 5.19 | 6.92 | 11 | 21 | 31 | 41 |
| 84" | SQ | — | — | 8'-0" | 8'-0" | 10'-0" | 9'-0" | 7'-0" | 10'-0" | 10'-0" | 10'-0" | 13'-3" | 16'-6" | 19'-9" | 1'-6" | | | 1.81 | 3.62 | 5.43 | 7.24 | 11 | 21 | 31 | 41 |
| 90" | SQ | — | — | 8'-6" | 8'-6" | 10'-6" | 9'-6" | 7'-6" | 10'-6" | 10'-6" | 10'-6" | 13'-9" | 17'-0" | 20'-3" | 1'-6" | | | 1.89 | 3.78 | 5.67 | 7.56 | 11 | 21 | 31 | 41 |
| 96" | SQ | — | — | 9'-0" | 9'-0" | 11'-0" | 10'-0" | 8'-0" | 11'-0" | 11'-0" | 11'-0" | 14'-3" | 17'-6" | 20'-9" | 1'-6" | | | 1.97 | 3.94 | 5.91 | 7.88 | 11 | 21 | 31 | 41 |
| 102" | SQ | — | — | 9'-6" | 9'-6" | 11'-6" | 10'-6" | 8'-6" | 11'-6" | 11'-6" | 11'-6" | 14'-9" | 18'-0" | 21'-3" | 1'-6" | | | 2.05 | 4.10 | 6.15 | 8.20 | 11 | 21 | 31 | 41 |
| 108" | SQ | — | — | 10'-0" | 10'-0" | 12'-0" | 11'-0" | 9'-0" | 12'-0" | 12'-0" | 12'-0" | 15'-3" | 18'-6" | 21'-9" | 1'-6" | | | 2.13 | 4.26 | 6.39 | 8.52 | 11 | 21 | 31 | 41 |
| 114" | SQ | — | — | 10'-6" | 10'-6" | 12'-6" | 11'-6" | 9'-6" | 12'-6" | 12'-6" | 12'-6" | 15'-9" | 19'-0" | 22'-3" | 1'-6" | | | 2.21 | 4.42 | 6.63 | 8.84 | 11 | 21 | 31 | 41 |
| 120" | SQ | — | — | 11'-0" | 11'-0" | 13'-0" | 12'-0" | 10'-0" | 13'-0" | 13'-0" | 13'-0" | 16'-3" | 19'-6" | 22'-9" | 1'-6" | | | 2.29 | 4.58 | 6.87 | 9.16 | 11 | 21 | 31 | 41 |

⚠A,B,C ≤30.48 ⚠D,E,F,G,H ≤30.30 Dimensions permitted to allow use of 9' standard pipe lengths. Dimensions permitted to allow use of 12' standard pipe lengths.




PERMISSIBLE PAVEMENT MODIFICATION

CONCRETE PIPE DIMENSIONS AND QUANTITIES AND PERMISSIBLE PAVEMENT MODIFICATION

| LAST REVISION | DESCRIPTION: | FDOT | FY 2025-26 STANDARD PLANS | SIDE DRAIN MITERED END SECTION | INDEX | SHEET |
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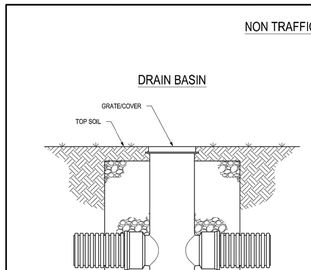

MOD. TYPE "F" CURB & GUTTER
SCALE: NTS

CURB CONSTRUCTION NOTES:

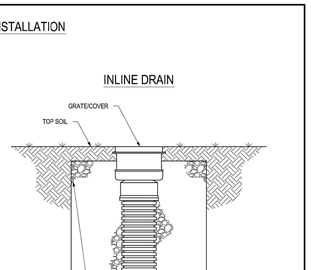
1. CURBS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 520 AND THESE NOTES.
2. PROVIDE ½" CONTRACTION JOINTS AT 10' CENTERS (MAX.) AND NOT LESS THAN 4' IN LENGTH.
3. CONSTRUCT EXPANSION JOINTS AT ALL INLET LOCATIONS, RADIUS POINTS, AND OTHER LOCATIONS AS INDICATED IN THE PLANS. LOCATED THEM AT INTERVALS NOT TO EXCEED 50 FEET BETWEEN OTHER EXPANSION JOINTS OR THE END OF A RUN. JOINTS ARE TO BE MIN. ½" IN WIDTH.
4. PROVIDE A MIN. 2½" COVER FOR ALL CURB REINFORCEMENT.
5. WHEN USED ON THE HIGH SIDE OF ROADWAYS OR PARKING AREAS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT

## NON TRAFFIC INSTALLATION

### DRAIN BASIN

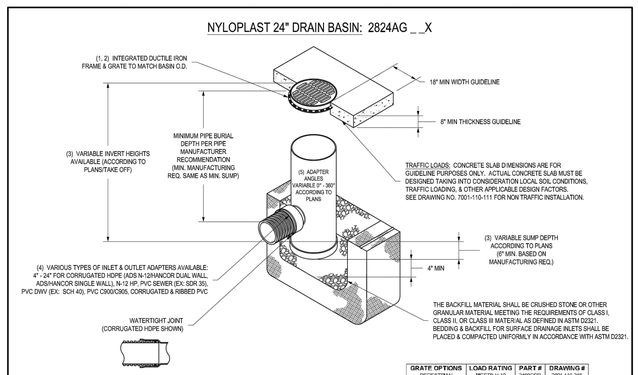



### INLINE DRAIN




| | | | |
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|---|---|---|---|---|

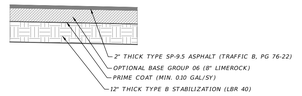
## NYLOPLAST 24" DRAIN BASIN: 2824AG _ _X




| GRATE OPTIONS | LOAD RATING | PART # | DRAWING # |
|---|---|---|---|
| PEDESTRIAN | MEETS H-10 | 2499GRP | 7001-110-216 |
| STANDARD | MEETS H-20 | 2499CGR | 7001-110-217 |
| SOLID COVER | MEETS H-20 | 2499SOS | 7001-110-218 |
| DOME | N/A | 2499DOS | 7001-110-219 |
| DROP IN GRATE | LIGHT DUTY | 2427CR | 7001-110-075 |

1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
2 - FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 96" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065.
4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP & PVC SEWER.
5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-112.

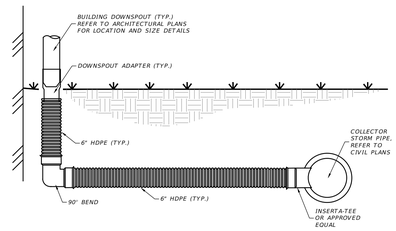
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|---|---|---|---|---|




ASPHALT PAVEMENT DETAIL
SCALE: NTS

ASPHALT PAVEMENT NOTES:

1. ALL ASPHALT MIXTURES SHALL CONFORM TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
2. ASPHALT MIX DESIGNS SHALL BE FDOT-APPROVED AND IN ACCORDANCE WITH SECTION 334 (SUPERPAVE ASPHALT CONCRETE MIXTURES).
3. ASPHALT SHALL BE PLACED IN UNIFORM LIFTS AND COMPACTED TO A MINIMUM OF 92% GMM PER FDOT SECTION 330 REQUIREMENTS.
4. ENSURE UNDERLYING BASE OR STRUCTURAL COURSE IS PROPERLY PREPARED AND ACCEPTED PRIOR TO ASPHALT PLACEMENT.
5. CONTRACTOR SHALL PERFORM QUALITY CONTROL TESTING IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 334-6.
6. SURFACE SHALL MEET THE SMOOTHNESS AND CROSS SLOPE TOLERANCES PER FDOT SPECIFICATION SECTION 330-12.




DOWNSPOUT CONNECTION DETAIL
SCALE: NTS

| LAST REVISION | DESCRIPTION: | FDOT | FY 2025-26 STANDARD PLANS | SIDE DRAIN MITERED END SECTION | INDEX | SHEET |
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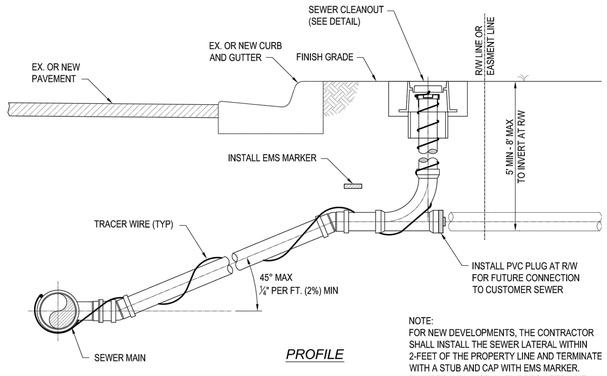
REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|

Project Number 25014
Dated 09-03-2025

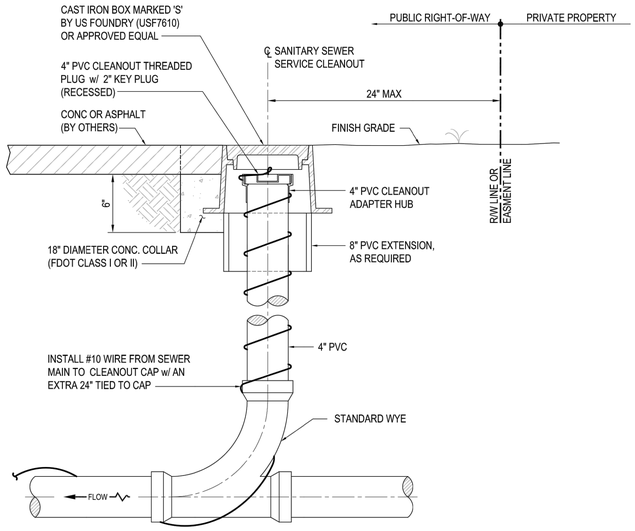
SITE DETAILS

**C007**

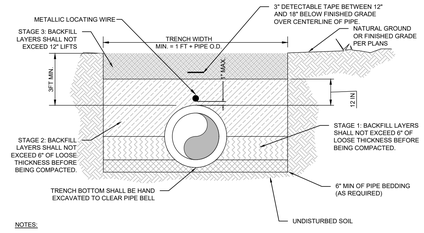



NOTE:
FOR NEW DEVELOPMENTS, THE CONTRACTOR SHALL INSTALL THE SEWER LATERAL WITHIN 2-FEET OF THE PROPERTY LINE AND TERMINATE WITH A STUB AND CAP WITH EMS MARKER. PLUMBER WILL INSTALL THE REQUIRED WYE AND CLEANOUT UPON CONNECTION.

## SANITARY SEWER LATERAL
N.T.S.



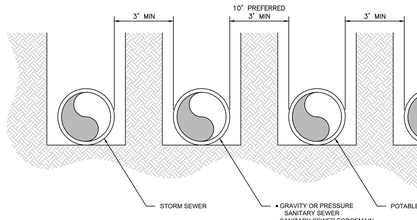

## SANITARY SEWER CLEANOUT
N.T.S.




NOTES:

1. TESTING: SEE SPECIFICATION 331001, PART 4.12 FOR TESTING REQUIREMENTS.
2. BEDDING: 6 INCHES BEDDING (MIN) AS REQUIRED. IN THE EVENT UNSUITABLE OR UNSTABLE SOIL IS ENCOUNTERED, REMOVE IT AND REPLACE WITH MATERIAL MEETING AASHTO SOIL CLASSIFICATION A-1, A-2, OR A-3. SEE SPECIFICATION 331001 PART 4.4.
3. STAGE 1: ADEQUATE COMPACTED FILL SHALL BE PLACED ABOVE THE BEDDING MATERIAL AND BENEATH THE HAUNCHES OF THE PIPE. BACKFILL LAYERS SHALL NOT EXCEED 6 INCHES OF LOOSE THICKNESS BEFORE BEING COMPACTED.
4. STAGE 2: BACKFILL LAYERS SHALL NOT EXCEED 6 INCHES OF LOOSE THICKNESS BEFORE BEING COMPACTED. COMPACTION SHALL BE 98% OF THE MAXIMUM DENSITY (AASHTO T-180/ASTM D1557) TO A POINT 1 FT ABOVE THE PIPE (OR AS STATED IN THE SPECIFICATION).
5. STAGE 3: BACKFILL LAYERS SHALL NOT EXCEED 12-INCH LIFTS. COMPACTION SHALL BE 98% OF THE MAXIMUM DENSITY (AASHTO T-180/ASTM D1557) OR AS STATED IN THE SPECIFICATION
6. CROWN TRENCH IN UNIMPROVED AREAS 3" MIN.
7. DETECTABLE TAPE SHALL BE MARKED IN ACCORDANCE WITH ACCOMPANYING UTILITY, SHALL BE INSTALLED DURING PIPE INSTALLATION, AND SHALL NOT BE INSTALLED WITH A TRENCHER.
8. ALL NON-METALLIC PIPE SHALL REQUIRE INSULATED METALLIC LOCATING WIRE (10 GA COPPER) CAPABLE OF DETECTION BY A CABLE LOCATOR AND SHALL BE BURIED DIRECTLY ABOVE THE CENTERLINE OF THE PIPE.
9. LOCATING WIRE SHALL TERMINATE AT THE VALVE BOX OR LOCATE STATION AS SHOWN IN THE RESPECTIVE DETAILS.
10. USE DUCT TAPE AS NECESSARY TO HOLD WIRE ON THE TOP OF THE PIPE DURING CONSTRUCTION.
11. ALL SPLICES SHALL BE MADE USING A WATER-TIGHT SEALING METHOD APPROVED BY THE UTILITY AUTHORITY.

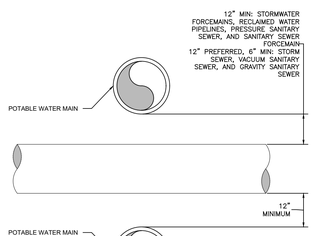
## UTILITY TRENCH DETAIL
## FOR UNIMPROVED AREAS
N.T.S.




NOTES:

1. PREFERRED OFFSETS SHALL BE MAINTAINED. IF CONSTRUCTIBLE. SHOULD FIELD CONDITIONS APPEAR TO PREVENT ANY MINIMUM SEPARATION REQUIREMENTS FROM BEING MAINTAINED. CONSULT ENGINEER OF RECORD PRIOR TO PROCEEDING.
2. 10' MINIMUM OFFSET BETWEEN POTABLE WATER AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM (OSTDS).
3. 3' OFFSET ALLOWED BETWEEN GRAVITY SANITARY SEWER AND POTABLE WATER IF BOTTOM OF WATER IS AT LEAST 6" ABOVE TOP OF GRAVITY SANITARY SEWER.
4. DETAIL IS PROVIDED FOR CONVENIENCE. REFER TO RULE 62-555.314, F.A.C., AND 62-604.400, F.A.C., FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.

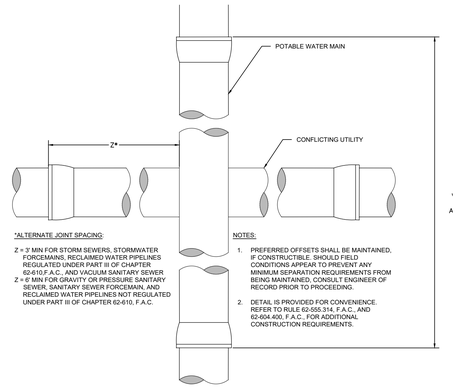
## HORIZONTAL SEPARATION
N.T.S.




NOTES:

1. PREFERRED OFFSETS SHALL BE MAINTAINED. IF CONSTRUCTIBLE. SHOULD FIELD CONDITIONS APPEAR TO PREVENT ANY MINIMUM SEPARATION REQUIREMENTS FROM BEING MAINTAINED. CONSULT ENGINEER OF RECORD PRIOR TO PROCEEDING.
2. DETAIL IS PROVIDED FOR CONVENIENCE. REFER TO RULE 62-555.314, F.A.C., AND 62-604.400, F.A.C., FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.

## VERTICAL SEPARATION - CROSSING
N.T.S.




*ALTERNATE JOINT SPACING:

Z = 3' MIN FOR STORM SEWERS, STORMWATER FORCEMAINS, RECLAIMED WATER PIPELINES REGULATED UNDER PART III OF CHAPTER 62-610,F.A.C., AND VACUUM SANITARY SEWER
Z = 6' MIN FOR GRAVITY OR PRESSURE SANITARY SEWER, SANITARY SEWER FORCEMAIN, AND RECLAIMED WATER PIPELINES NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

NOTES:

1. PREFERRED OFFSETS SHALL BE MAINTAINED, IF CONSTRUCTIBLE. SHOULD FIELD CONDITIONS APPEAR TO PREVENT ANY MINIMUM SEPARATION REQUIREMENTS FROM BEING MAINTAINED, CONSULT ENGINEER OF RECORD PRIOR TO PROCEEDING.
2. DETAIL IS PROVIDED FOR CONVENIENCE. REFER TO RULE 62-555.314, F.A.C., AND 62-604.400, F.A.C., FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.

## JOINT SPACING
N.T.S.

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FLORIDA REG. NO 83163

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WASHINGTON COUNTY

**WASHINGTON COUNTY LIBRARY**

Washington County Public Library

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CHIPLEY, FL 32428

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|

Project Number **25014**
Dated 09-03-2025

UTILITY DETAILS

# C008

## 1. INTRODUCTION

THIS DOCUMENT IS INTENDED TO PROVIDE GUIDANCE TO THE RESPONSIBLE AUTHORITY/OPERATOR FOR THE CREATION OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN COMPLIANCE WITH CHAPTER 62-621.300 (4) OF THE FLORIDA ADMINISTRATIVE CODE, WHICH PERTAINS TO THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THE ADMINISTRATIVE CODE GRANTS THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) THE AUTHORITY TO REGULATE POINT SOURCE DISCHARGE OF STORMWATER FROM CONSTRUCTION SITES.

THE INFORMATION CONTAINED HEREIN IS ORGANIZED TO CORRESPOND TO THE ITEMS OUTLINED IN PART 4 OF THE FDEP FORM 62-621.300(4)(a) 'GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES'. IT SHALL BE THE RESPONSIBILITY OF THE RESPONSIBLE AUTHORITY/OPERATOR TO DEVELOP THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN AND TO SUBMIT THE FDEP FORM 62-621.300(4)(b) 'NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES' AT LEAST TWO (2) CALENDAR DAYS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. THE RESPONSIBLE AUTHORITY/OPERATOR SHALL POST A COPY OF THE NOTICE OF INTENT (NOI) OR ACKNOWLEDGMENT LETTER FROM FDEP AT THE CONSTRUCTION SITE IN A PROMINENT PLACE FOR PUBLIC VIEWING. THE RESPONSIBLE AUTHORITY/OPERATOR SHALL ALSO MAINTAIN RECORDS OF THE SWPPP AND OTHER DOCUMENTS SPECIFIED IN THE GENERIC PERMIT AT THE CONSTRUCTION SITE TO BE AVAILABLE FOR REVIEW.

## 2. SITE DESCRIPTION

COUNTY: WASHINGTON COUNTY
SECTION, TOWNSHIP, RANGE: SECTION 5, TOWNSHIP 4N, RANGE 13W
PARCEL ID NO.: 00000000-00-2005-0000
STREET ADDRESS: 1444 JACKSON AVENUE, CHIPLEY, FL 32428
PROJECT AREA: 0.90± ACRES
SITE LOCATION MAP: REFER TO CONSTRUCTION PLANS

### A. NATURE OF CONSTRUCTION ACTIVITY

THE PROJECT IS COMPRISED OF THE CONSTRUCTION OF AN 5,200 SF EXPANSION OF A AN EXISTING LIBRARY FACILITY
ANTICIPATED START DATE:
ANTICIPATED COMPLETION DATE:

THE START AND END DATES FOR EACH MAJOR CONSTRUCTION ACTIVITY SHALL BE INCLUDED WITH THE SWPPP. THE SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES OUTLINED BELOW IS PROVIDED AS A GENERAL GUIDELINE, THE ACTUAL SEQUENCING AND DATES ARE TO BE PROVIDED IN THE SWPPP:

### B. GENERAL SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES

1. PRIOR TO CONSTRUCTION, SILT FENCING AND TREE PROTECTION FENCING SHALL BE INSTALLED AND ALL EXISTING STORM DRAINAGE SWALE AND INLETS SHALL BE PROTECTED IN ACCORDANCE WITH THE PRACTICES DESCRIBED IN 'THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL' (CURRENT EDITION) AND FDOT STANDARD SPECIFICATION SECTION 104 (CURRENT EDITION).
2. THE CONSTRUCTION SERVICE ENTRANCE SHALL BE STABILIZED TO MINIMIZE THE CREATION OF DUST AND OFF-SITE TRACKING OF SEDIMENTS.
3. ONLY THE AREA COMPRISING THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CLEARED AND GRUBBED OF UNWANTED VEGETATION.
4. THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CONSTRUCTED.
5. IF SUITABLE, THE EXCAVATED SOIL FROM THE FACILITY(S) MAY BE USED AS FILL FOR ON-SITE GRADING THAT IS DEPICTED IN THESE CONSTRUCTION PLANS. THE CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL ON-SITE OR OFF-SITE TO A PERMITTED LOCATION.
6. THE REMAINING PORTION OF THE SITE THAT IS TREATED BY THE CONSTRUCTED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CLEARED AND GRUBBED.
7. THE PERMANENT ROADWAYS/ DRIVEWAYS SHALL BE ROUGHLY GRADED.
8. THE UNDERGROUND UTILITIES INFRASTRUCTURE AND STORMWATER PIPING SYSTEM SHALL BE INSTALLED. ANY DE-WATERING (PUMPED) SHALL BE DIVERTED TO THE ASSOCIATED STORMWATER MANAGEMENT FACILITY(S).
9. THE PERMANENT ROADWAY / DRIVEWAY SUBGRADE SHALL BE COMPACTED, A BASE SHALL BE ESTABLISHED, AND THEN FOLLOWED BY AN OVERLAY OF ASPHALT OR CONCRETE PAVEMENT.
10. UPON SIGNIFICANT COMPLETION OF CONSTRUCTION, THE STORMWATER PIPING SYSTEM SHALL BE FLUSHED OUT TO REMOVE ACCUMULATED DEBRIS AND SEDIMENT.
11. UPON COMPLETION OF THE DEBRIS AND SEDIMENT REMOVAL FROM THE STORMWATER PIPING SYSTEM, THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE FINE GRADED AND BE EXCAVATED TO THE DESIGN BOTTOM ELEVATION. ONCE COMPLETED, NO HEAVY MACHINERY SHALL BE ALLOWED WITHIN THE STORMWATER MANAGEMENT FACILITY(S).
12. ALL REMAINING DISTURBED AREAS WITHIN THE CONSTRUCTION AREA SHALL BE COMPLETELY GRASSED AND/OR LANDSCAPED ACCORDING TO THE CONSTRUCTION AND/OR LANDSCAPING PLANS. TURF ESTABLISHMENT SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION SECTION 570. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO REMOVAL OF SILT FENCING AND OTHER EROSION CONTROL APPLICATIONS.

### C. SITE AREA ESTIMATES AND RUNOFF DATA:

TOTAL PROJECT SITE AREA: 11.82± ACRES
TOTAL SITE AREA TO BE DISTURBED: 0.90± ACRES

RUNOFF COEFFICIENTS:

PRE-DEVELOPMENT 'C' FACTOR: 0.25
POST-DEVELOPMENT 'C' FACTOR: 0.25

### D. SOIL CONDITIONS AND STORMWATER QUALITY

THE NRCS DATA FOR THE SITE REVEALS THAT THE SITE SOILS ARE COMPRISED OF REFER TO GEOTECHNICAL REPORT. REFER TO THE GENERAL NOTES SHEET IN THE CONSTRUCTION PLANS FOR INFORMATION REGARDING THE GEOTECHNICAL INVESTIGATIONS FOR THE SITE.

### E. SITE MAP

REFER TO CONSTRUCTION PLANS

### F. STORMWATER OUTFALL LOCATION AND RECEIVING WATER BODY.

| OUTFALL ID# | LOCATION | RECEIVING WATERBODY |
|---|---|---|
| CONCRETE FLUME | 30.78'N 85.55'W | TRIB. TO ALLIGATOR CREEK |

## 3. CONTROLS TO REDUCE POLLUTION

ALL CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN A MANNER AS TO NOT VIOLATE STATE WATER QUALITY STANDARDS. PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY, THE RESPONSIBLE AUTHORITY/OPERATOR SHALL IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES TO RETAIN SEDIMENT ON-SITE IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). IF SITE CONDITIONS ARE SUCH THAT ADDITIONAL CONTROL MEASURES ARE REQUIRED OTHER THAT WHAT IS OUTLINED IN THE SWPPP, THE RESPONSIBLE AUTHORITY/OPERATOR OR OTHER SUBCONTRACTORS SHALL IMPLEMENT ADDITIONAL BEST MANAGEMENT PRACTICES. REGULAR INSPECTION AND MAINTENANCE OF THESE MEASURES IS REQUIRED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. THE FOLLOWING INFORMATION IS INTENDED TO PROVIDE GUIDANCE ON STANDARD MEASURES AND BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL. PLEASE REFER TO THE SWPPP FOR SPECIFIC DETAILS AND REQUIREMENTS FOR THE SITE.

## 4. EROSION AND SEDIMENT CONTROLS

### A. GENERAL STABILIZATION PRACTICES

EXISTING TREES AND NATURAL VEGETATION TO REMAIN ON-SITE SHALL BE PROTECTED BY TREE BARRICADE FENCING AS DEPICTED. TYPE III SILT FENCING SHALL PROTECT ALL DRAINAGE STRUCTURES AND SHALL BUFFER AREAS WITH POTENTIAL TO CONTRIBUTE OFF-SITE RUNOFF AND AS SPECIFICALLY DEPICTED ON THE SWPPP. STABILIZATION MEASURES SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED AREAS AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN SEVEN (7) DAYS OR AS REQUIRED BY THE PERMITTING AGENCY, IN PORTIONS OF THE SITE WHERE CONSTRUCTION TEMPORARILY OR PERMANENTLY CEASED. UPON COMPLETION OF CONSTRUCTION, ALL STORMWATER MANAGEMENT FACILITIES SHALL BE SCRAPED CLEAN OF ANY ACCUMULATED SEDIMENT OR DEBRIS. ALL TURF ESTABLISHMENT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF FDOT STANDARD SPECIFICATION SECTION 570 AND EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO THE REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES.

### B. GENERAL STORM STRUCTURE PROTECTION PRACTICES

A STORMWATER MANAGEMENT SYSTEM WILL BE CONSTRUCTED IN ACCORDANCE WITH THE CONSTRUCTION PLANS AND WILL BE COMPRISED OF A WET DETENTION FACILITY AND A STORM PIPE CONVEYANCE SYSTEM. TO PREVENT EROSION DURING CONSTRUCTION, TYPE III SILT FENCING IS TO BE INSTALLED IN THE LOCATIONS SHOWN WITHIN THE CONSTRUCTION PLANS AND THE SWPPP. ALL EXISTING AND PROPOSED STORM DRAINS AND DRAINAGE SWALES SHALL BE PROTECTED IN ACCORDANCE WITH THE MEASURES DETAILED IN THE SWPPP AND/OR THE 'STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL' (CURRENT EDITION) UNTIL CONSTRUCTION HAS BEEN COMPLETED. UPON COMPLETION OF CONSTRUCTION OR SOIL DISTURBANCE ACTIVITIES, THE STORM PIPE CONVEYANCE SYSTEM SHALL BE FLUSHED TO REMOVE ALL ACCUMULATED DEBRIS AND SEDIMENT.

### C. DRAINAGE AREAS SERVING LESS THAN 10 DISTURBED ACRES

DRAINAGE AREAS THAT ARE COMPRISED OF 10 DISTURBED ACRES OR LESS ARE RECOMMENDED TO UTILIZE SEDIMENT BASINS AND/OR TRAPS IF THE AREA IS NOT SERVED BY A PERMANENT STORMWATER MANAGEMENT FACILITY. IF A PERMANENT STORMWATER MANAGEMENT FACILITY IS PROPOSED TO BE USED AS A SEDIMENT BASIN AND/OR TRAP, APPROPRIATE MEASURES SHALL BE TAKEN TO ENSURE REMOVAL OF ANY ACCUMULATED SEDIMENT OR DEBRIS TO ASSURE THE DESIGN CAPACITY OF THE FACILITY IS PROVIDED. SILT FENCES OR OTHER SEDIMENT CONTROL SHALL BE INSTALLED AS OUTLINE IN THE CONSTRUCTION PLANS AND THE SWPP. LOCATION WHERE SILT FENCE SHALL BE INSTALLED INCLUDES, BUT IS NOT LIMITED TO, SIDE SLOPE AND DOWN SLOPE BOUNDARIES, INLET LOCATIONS, OUTLET LOCATIONS, WETLAND SETBACKS, OR AS OTHERWISE NOTED IN THE SWPPP. UPON COMPLETION OF CONSTRUCTION OR SOIL DISTURBING ACTIVITIES, SIDE SLOPES, SWALES, AND ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS AND LANDSCAPING AS SPECIFIED ON THE CONSTRUCTION DRAWINGS. NOTE THAT EROSION CONTROL IS SUBJECT TO THE SWPPP AND MAY BE AMENDED BY THE RESPONSIBLE AUTHORITY/OPERATOR AS NEEDED TO ENSURE SEDIMENTATION IS ADEQUATELY CONTROLLED.

### D. DRAINAGE AREAS SERVING MORE THAN 10 DISTURBED ACRES

DRAINAGE AREAS THAT ARE COMPRISED OF 10 DISTURBED ACRES OR MORE ARE REQUIRED TO UTILIZE SEDIMENT BASINS AND/OR TRAPS IF THE AREA IS NOT SERVED BY A PERMANENT STORMWATER MANAGEMENT FACILITY. IF A PERMANENT STORMWATER MANAGEMENT FACILITY IS PROPOSED TO BE USED AS A SEDIMENT BASIN AND/OR TRAP, APPROPRIATE MEASURES SHALL BE TAKEN TO ENSURE REMOVAL OF ANY ACCUMULATED SEDIMENT OR DEBRIS TO ASSURE THE DESIGN CAPACITY OF THE FACILITY IS PROVIDED. SILT FENCES OR OTHER SEDIMENT CONTROL SHALL BE INSTALLED AS OUTLINE IN THE CONSTRUCTION PLANS AND THE SWPPP. LOCATIONS WHERE SILT FENCE SHALL BE INSTALLED INCLUDES, BUT IS NOT LIMITED TO, SIDE SLOPE AND DOWN SLOPE BOUNDARIES, INLET LOCATIONS, OUTLET LOCATIONS, WETLAND SETBACKS, OR AS OTHERWISE NOTED IN THE SWPPP. UPON COMPLETION OF CONSTRUCTION OR SOIL DISTURBING ACTIVITIES, SIDE SLOPES, SWALES, AND ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS AND LANDSCAPING AS SPECIFIED ON THE CONSTRUCTION DRAWINGS. NOTE THAT EROSION CONTROL IS SUBJECT TO THE SWPPP AND MAY BE AMENDED BY THE RESPONSIBLE AUTHORITY/OPERATOR AS NEEDED TO ENSURE SEDIMENTATION IS ADEQUATELY CONTROLLED.

## 5. STORMWATER MANAGEMENT PRACTICES

### A. BEST MANAGEMENT PRACTICES

AFTER CONSTRUCTION, THE STORMWATER MANAGEMENT SYSTEM SHALL BE MAINTAINED IN ACCORDANCE WITH THE SPECIFIED STORMWATER MAINTENANCE NOTES IN THE INCLUDED CONSTRUCTION DRAWINGS AND/OR RESPECTIVE MAINTENANCE REPORTS. SPECIFICALLY, THE PROPOSED SMF(S) SHALL BE MOWED REGULARLY IN THE SPECIFIED AREAS; STORM PIPES AND STRUCTURES WILL BE INSPECTED SEMI-ANNUALLY AND CLEANED ANNUALLY.

### B. VEGETATED SWALES

WHEN VEGETATED SWALES ARE UTILIZED, SILT FENCING OR EQUIVALENT SEDIMENT CONTROLS SHALL BE INSTALLED AT ADEQUATE INTERVALS TO COLLECT SEDIMENT ALONG THE SWALE. THE SEDIMENT SHALL BE REMOVED WHEN SEDIMENT REACHES ONE-THIRD OF THE HEIGHT OF THE SILT FENCING.

### C. VELOCITY DISSIPATION DEVICES AT DISCHARGE POINTS

WHEN DISCHARGE POINTS ARE NOT LOCATED UNDER WATER, RIPRAP PADS HAVE BEEN PROVIDED AT LOCATIONS WHERE NECESSARY DUE TO ANTICIPATED DISCHARGE VELOCITIES. PLEASE SEE THE CONSTRUCTION PLANS FOR DETAILS AND LOCATIONS, AS NEEDED.

## 6. CONTROLS FOR OTHER POTENTIAL POLLUTANTS

### A. WASTE DISPOSAL

DISPOSE OF ALL UNSUITABLE MATERIALS AND CONSTRUCTION DEBRIS IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS. THE METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE SPECIFIED IN THE SWPPP OR APPROVED BY THE ENGINEER: PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES, DISPOSE OF ALL FERTILIZERS OR OTHER CHEMICAL CONTAINERS TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER, DISPOSE OF SOLID MATERIALS, INCLUDING BUILDING AND CONSTRUCTION MATERIALS, OFF THE PROJECT SITE IN APPROVED LOCATIONS. NO MATERIALS SHALL BE DISPOSED OF IN SURFACE WATERS OR WETLANDS.

### B. OFF-SITE VEHICLE TRACKING & DUST CONTROL

TO MINIMIZE OFF-SITE VEHICULAR TRACKING OF SEDIMENTS AND DUST GENERATION, A STABILIZED CONSTRUCTION ENTRANCE AND SOIL TRACKING PREVENTION DEVICE SHALL BE ESTABLISHED AT ALL CONSTRUCTION ENTRANCES. INCLUDE THE FOLLOWING METHODS IN ADDITION TO THOSE SPECIFIED IN THE SWPPP OR AS DIRECTED BY THE ENGINEER: COVER LOADED HAUL TRUCKS WITH TARPAULINS, REMOVE EXCESS DIRT FROM ROADS DAILY, USE ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION OR MILLING OPERATIONS.

### C. TEMPORARY POTABLE WATER AND SANITARY SEWER SYSTEMS

ENSURE THAT TEMPORARY/CONSTRUCTION POTABLE CONNECTIONS TO EXISTING PUBLIC WATER MAINS ARE INSTALLED IN ACCORDANCE WITH THE GOVERNING AUTHORITY/UTILITY OWNER'S REQUIREMENTS. IF TEMPORARY SANITARY SYSTEMS ARE UTILIZED DURING CONSTRUCTION PROPERLY CONTROL AND DISCHARGE ANY SANITARY WASTE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

### D. FERTILIZER & PESTICIDES

THE USE OF FERTILIZERS, HERBICIDES, AND PESTICIDES ON THE PROJECT SITE WILL BE DIRECTED BY THE LANDSCAPE PLAN AND TO SUPPORT THE GROWTH OF THE PROPOSED VEGETATION. ESTABLISHING THIS VEGETATION WILL AID IN THE STABILIZATION OF THE PROJECT SITE AND REDUCE EROSION. APPLICATION RATES FOR THE FERTILIZERS, HERBICIDES, AND PESTICIDES SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS TO GUARD AGAINST OVERUSE, WHICH CAN LEAD TO VIOLATIONS OF STATE WATER QUALITY STANDARDS.

### E. HAZARDOUS MATERIAL

THE SWPPP SHALL PROVIDE A LIST OF HAZARDOUS MATERIALS THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES. THE CONSTRUCTION SITE MUST BE IN COMPLIANCE WITH STATE (FDEP RULE CHAPTER 62-25 F.A.C.) AND FEDERAL REQUIREMENTS. IN ADDITION, THE CONSTRUCTION SITE SHALL BE ALSO BE IN COMPLIANCE WITH ALL APPLICABLE LOCAL CODES, ORDINANCES, OR REQUIREMENTS.

## 7. CHANGES TO THE STORMWATER POLLUTION PREVENTION PLAN

THE SWPP SHALL BE AMENDED TO REFLECT ANY APPLICABLE CHANGES IN A STATE, REGIONAL, OR LOCAL PERMIT FOR WHICH THE RESPONSIBLE AUTHORITY/OPERATOR RECEIVES WRITTEN NOTICE. WHEN WRITTEN NOTICE IS RECEIVED, THE RESPONSIBLE AUTHORITY/OPERATOR SHALL PROVIDE A RE-CREATION OF THE SWPPP, WHICH HAS BEEN REVISED TO ADDRESS SUCH CHANGES. AMENDMENTS TO THE PLAN SHALL BE PREPARED, SIGNED, DATED, AND KEPT AS ATTACHMENTS TO THE ORIGINAL PLAN.

## 8. MAINTENANCE

THE SWPPP SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGH THE DURATION OF THE PROJECT. THE MAINTENANCE PLAN SHOULD, AT A MINIMUM, THE SWPPP SHOULD COMPLY WITH THE FOLLOWING:

A. SILT FENCE: MAINTAIN PER FDOT STANDARD SPECIFICATION SECTION 104. ANTICIPATE REPLACEMENT OF SILT FENCE ON 12 MONTH INTERVALS.
B. SEDIMENT BARRIERS: REMOVE SEDIMENT AS PER MANUFACTURE'S RECOMMENDATIONS OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS.
C. STORMWATER PONDS: REMOVE SEDIMENT FROM THE PONDS OR BASINS WHEN IT BECOMES 1.5' DEEP AT ANY POINT OR AS DIRECTED BY THE ENGINEER
D. IF REPAIRS ARE REQUIRED TO ANY OF THE EROSION AND SEDIMENT CONTROLS, IT SHALL BE INITIATED WITHIN 24 HOURS OF BEING REPORTED.

## 12. INSPECTIONS

INSPECTION OF THE PROJECT SITE AND SEDIMENT & EROSION CONTROLS SHALL BE DONE IN ACCORDANCE WITH THE SWPPP. AT A MINIMUM, QUALIFIED PERSONNEL SHALL INSPECT ITEMS A - G AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF STORM EVENT THAT IS 0.50 INCHES OR GREATER. IN ORDER TO ENSURE COMPLIANCE, RAIN GAUGE(S) SHALL BE INSTALLED AND MAINTAINED AT THE PROJECT SITE TO RECORD THE DAILY RAINFALL AMOUNTS. IN PORTIONS OF THE PROJECT WHERE PERMANENT STABILIZATION HAS BEEN COMPLETED, CONDUCT INSPECTIONS AT LEAST ONCE EVERY MONTH.

ALL INSPECTIONS ARE TO BE RECORDED AND INCLUDE THE NAME(S) AND QUALIFICATION OF THE INSPECTOR, THE DATE OF INSPECTION, RAINFALL DATA, LOCATION AND CONDITION OF CONTROL MEASURES, OBSERVATIONS, AND CORRECTIVE ACTIONS RECOMMENDED. A COPY OF THE SWPPP INSPECTION REPORT FORM FROM FDEP HAS BEEN INCLUDED ON THIS SHEET AS AN EXAMPLE. ALSO, INSPECT AND ENSURE THAT CONTROLS INSTALLED IN THE FIELD CORRESPOND TO THOSE SPECIFIED ON THE CURRENT SWPPP.

AREAS TO INSPECT INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

A. POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES
B. POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS (MS4)
C. DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED
D. AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION
E. STRUCTURAL CONTROLS
F. STORMWATER MANAGEMENT SYSTEMS
G. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE

INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTION THAT ITEMS ARE NOT IN GOOD WORKING ORDER. IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, OR PREVENT DISCHARGE POLLUTANTS, PROVIDE ADDITIONAL MEASURES AS REQUIRED AND THE RESPONSIBLE AUTHORITY/OPERATOR SHALL REVISE THE SWPPP ACCORDINGLY.

## 13. NON-STORMWATER DISCHARGES

REFER TO THE SWPPP FOR ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOW FROM FIRE FIGHTING ACTIVITIES). THE SWPPP SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT THE POLLUTION OF THESE NON-STORMWATER DISCHARGES. SUCH DISCHARGES MAY INCLUDE IRRIGATION OPERATIONS OR RUNOFF GENERATED FROM CONSTRUCTION PRACTICES.

## 14. CONTRACTORS CERTIFICATION

ENSURE THAT ALL CONTRACTORS AND SUBCONTRACTORS WORKING WITHIN THE PROJECT AREA SIGN THE FOLLOWING CERTIFICATION, AN EXAMPLE FORM HAS BEEN PROVIDED ON THIS SHEET:

"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."

## 15. RETENTION OF RECORDS

THE RESPONSIBLE AUTHORITY/OPERATOR SHALL RETAIN COPIES OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), ALL REPORTS REQUIRED BY THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES, AND ALL DATA USED TO COMPLETE THE NOTICE OF INTENT FOR A PERIOD OF AT LEAST THREE (3) YEARS FROM THE DATE THAT THE SITE HAS REACHED FINAL STABILIZATION AND THE NOTICE OF TERMINATION (N.O.T) IS SUBMITTED.

## 16. NOTICE OF TERMINATION

WHEN THE SITE HAS REACHED FINAL STABILIZATION AND ALL STORMWATER DISCHARGE AUTHORIZED BY THE GENERIC PERMIT HAS BEEN ELIMINATED, THE RESPONSIBLE AUTHORITY/OPERATOR SHALL SUBMIT ANOTICE OF TERMINATION (FDEP FORM 62-621.300(6)) THAT IS SIGNED IN ACCORDANCE WITH PART VII.C OF FDEP DOCUMENT NO. 62-621.300(4)(a) WITHIN 14 DAYS OF FINAL STABILIZATION OF THE SITE TO TERMINATE COVERAGE UNDER THIS PERMIT. THE ELIMINATION OF STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES MEANS THAT ALL DISTURBED SOILS AT THE SITE FINAL BEEN FINALLY STABILIZED AND ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED OR WILL BE REMOVED AT AN APPROPRIATE TIME, OR THAT ALL STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES FROM THE SITE THAT ARE AUTHORIZED BY THIS GENERIC PERMIT HAVE OTHERWISE BEEN ELIMINATED. FOR CONSTRUCTION ACTIVITIES WHERE THE RESPONSIBLE AUTHORITY/OPERATOR CHANGES, THE CURRENT RESPONSIBLE AUTHORITY/OPERATOR SHALL FILE A NOTICE OF TERMINATION WITHIN 14 DAYS OF RELINQUISHING CONTROL OF THE PROJECT TO THE NEW RESPONSIBLE AUTHORITY/OPERATOR. NOTE THAT COVERAGE UNDER THE GENERIC PERMIT IS NOT TRANSFERABLE.

THE NOTICE OF TERMINATION CAN BE SUBMITTED EITHER OF THE FOLLOWING WAYS:

A. ONLINE AT http://www.fldeportal.com/go/
B. EMAIL TO NPDES-stormwater@dep.state.fl.us
C. MAIL TO THE FOLLOWING ADDRESS:
NPDES STORMWATER NOTICES CENTER, MS# 2510
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROJECTION
2600 BLAIRSTONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

IF THE PROJECT DISCHARGES TO A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4), THE RESPONSIBLE AUTHORITY/OPERATION SHALL ALSO SUBMIT A COPY OF THE NOTICE OF TERMINATION OR THE ACKNOWLEDGEMENT LETTER WITHIN SEVEN (7) CALENDAR DAYS OF RECEIPT TO THE OPERATOR OF THE MS4.

## 17. OWNER'S INSTRUCTIONS FOR MAINTENANCE AND INSPECTION OF STORMWATER FACILITIES

FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES AND NOTICE OF TERMINATION, THE OWNER WILL ASSUME RESPONSIBILITY FOR THE STORMWATER SYSTEM. THE ENTIRE STORMWATER SYSTEM SHOULD BE INSPECTED ON AT LEAST A SEMI-ANNUAL BASIS. THIS SHOULD INCLUDE A VISUAL INSPECTION OF THE POND, POND BANKS, BLEED-DOWN ORIFICES, OTHER CONTROL STRUCTURES, AND DISCHARGE PIPES. THESE SHOULD BE KEPT FREE OF DEBRIS AND CLEANED ON A FREQUENCY AS REQUIRED TO KEEP THEM FUNCTIONAL, AS DESIGNED. MOWING/CLEARING AROUND THE STRUCTURES MAY BE REQUIRED TO PREVENT VEGETATION FROM CLOGGING THEM. SEDIMENT SUMPS, IF DESIGNED AND INSTALLED, SHOULD HAVE SEDIMENT REMOVED AS NECESSARY TO ALLOW THEM TO EFFICIENTLY REMOVE SUSPENDED PARTICLES. THEY SHOULD BE RE-DUG TO THE ORIGINAL DESIGN SPECIFICATIONS, IF SILTED IN.

FOR PERCOLATION TREATMENT PONDS/SWALES, THE OWNER OF THE FACILITY SHALL INSPECT THE POND BOTTOM PERIODICALLY AFTER HEAVY RAINFALL EVENTS TO CHECK FOR PERSISTENT PONDING OR POOLING OF WATER. ALL LARGE DEBRIS SHALL BE REMOVED AND DISPOSED OF ELSEWHERE. IF PROLONGED PONDING PERSISTS, I.E., IN EXCESS OF 72 HOURS, THE OWNER SHALL RAKE OR SCARIFY THE SURFACE. IF REQUIRED, THE SOIL IN THE AREA OF PONDING SHALL BE REMOVED AND REPLACED WITH CLEAN SANDY, NON-COHESIVE SOILS.

SPECIFIC CONDITIONS OF ALL PERMITS MAY REQUIRE ADDITIONAL MAINTENANCE ACTIVITIES ABOVE AND BEYOND THOSE OUTLINED ABOVE.
PLEASE BE AWARE OF ALL PERMIT CONDITIONS AS ISSUED BY REGULATORY AGENCIES TO ENSURE PERMIT COMPLIANCE.

## Stormwater Pollution Prevention Plan Inspection Report Form

Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater.

Project Name:_____ FDEP NPDES Stormwater Identification Number: FLR_____

| Location | Rain data | Type of control (see below) | Date installed / modified | Current Condition (see below) | Corrective Action / Other Remarks |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Condition Code:

G = Good M = Marginal, needs maintenance or replacement soon P = Poor, needs immediate maintenance or replacement C = Needs to be cleaned O = Other

| Control Type Codes | | | |
|---|---|---|---|
| 1. Silt Fence | 10. Storm drain inlet protection | 19. Reinforced soil retaining system | 28. Tree protection |
| 2. Earth dikes | 11. Vegetative buffer strip | 20. Gabion | 29. Detention pond |
| 3. Structural diversion | 12. Vegetative preservation area | 21. Sediment Basin | 30. Retention pond |
| 4. Swale | 13. Retention Pond | 22. Temporary seed / sod | 31. Waste disposal / housekeeping |
| 5. Sediment Trap | 14. Construction entrance stabilization | 23. Permanent seed / sod | 32. Dam |
| 6. Check dam | 15. Perimeter ditch | 24. Mulch | 33. Sand Bag |
| 7. Subsurface drain | 16. Curb and gutter | 25. Hay Bales | 34. Other |
| 8. Pipe slope drain | 17. Paved road surface | 26. Geotextile | |
| 9. Level spreaders | 18. Rock outlet protection | 27. Rip-rap | |

Inspector Information:

Name Qualification Date

The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are not any incidents of non-compliance identified above.

* * * * * *

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name (Responsible Authority) Date

## CONTRACTOR/SUBCONTRACTOR CERTIFICATION STATEMENT

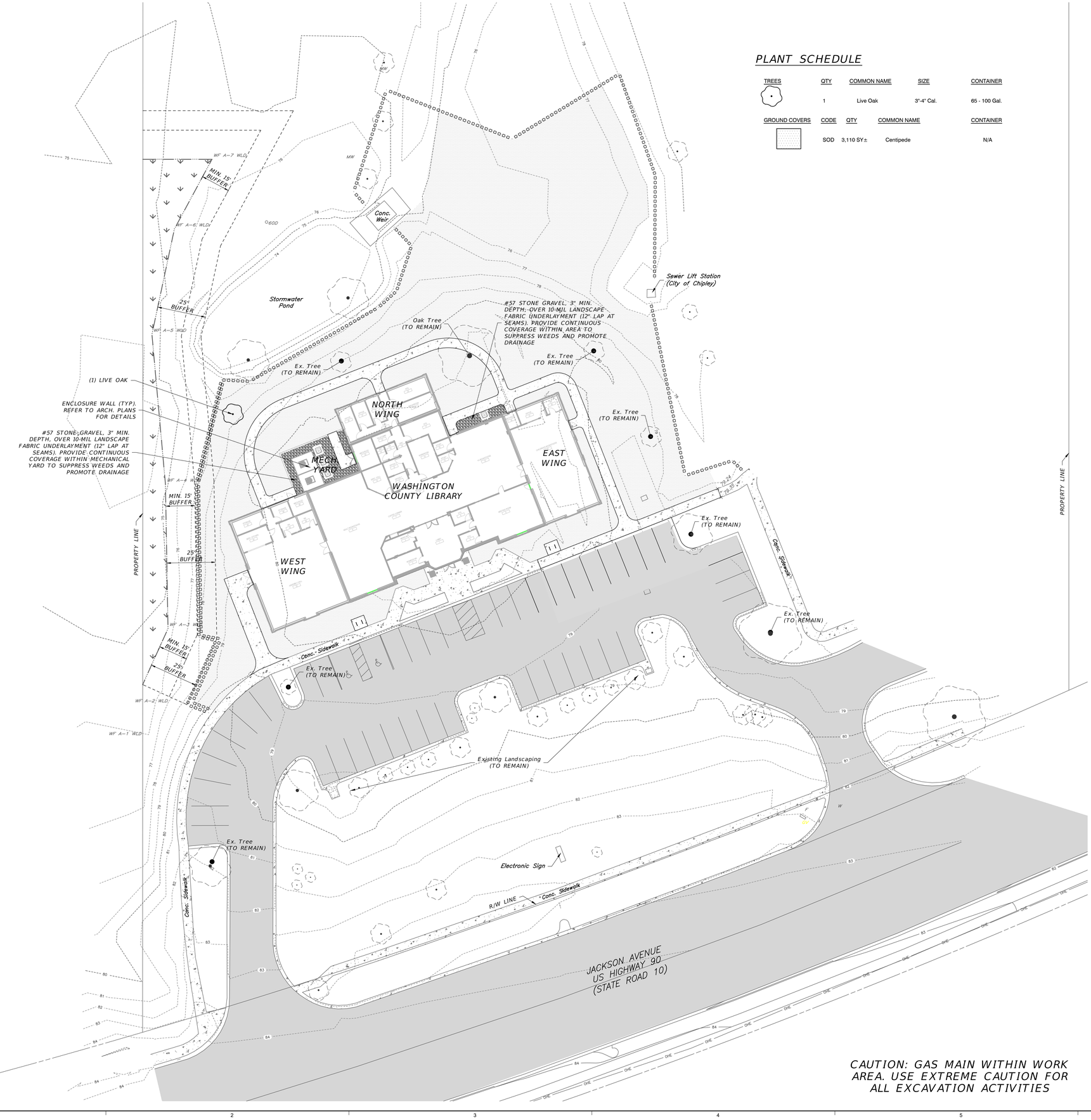
SITE NAME:_____
SITE LOCATION:_____

NOTE: THE STORMWATER POLLITION PREVENTION PLAN (SWPPP) MUST CLEARLY IDENTIFY, FOR EACH MEASURE IDENTIFIED WITHIN THE SWPPP, THE CONTRACTOR(S) OR SUBCONTRACTOR(S) THAT WILL IMPLEMENT EACH MEASURE. ALL CONTRACTOR(S) AND SUBCONTRACTOR(S) IDENTIFIED IN THE SWPPP MUST SIGN THE FOLLOWING CERTIFICATION:

"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."

| DATE | RESPONSIBLE INDIVIDUAL NAME | RESPONSIBLE INDIVIDUAL SIGNATURE | TITLE | COMPANY NAME, ADDRESS, AND PHONE NUMBER |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

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## PLANT SCHEDULE

| TREES | QTY | COMMON NAME | SIZE | CONTAINER |
|---|---|---|---|---|
| | 1 | Live Oak | 3"-4" Cal. | 65 - 100 Gal. |

| GROUND COVERS | CODE | QTY | COMMON NAME | CONTAINER |
|---|---|---|---|---|
| | SOD | 3,110 SY± | Centipede | N/A |

N

40 20 0 20 40

SCALE: 1" = 20'

## LEGEND

| EXISTING | PROPOSED | |
|---|---|---|
| | 12 | STORM DRAINAGE STRUCTURE & PIPE PIPE SIZE IN INCHES |
| (10) | (10) | STRUCTURE NO. |
| + 62.9 | 65.00 65.00 | SPOT ELEVATION |
| 63 | 65.00 | PROPOSED PROFILE GRADE ELEVATION |
| | | CONTOUR |
| | | DIRECTION OF SURFACE FLOW |
| | | STAKED EROSION CONTROL |
| ZONE A | | FEMA FLOOD ZONE BOUNDARY |
| 62.0 | | BASE FLOOD ELEVATION (FT) |
| | | WETLAND LINE |
| 15' BUFFER | | 15' BUFFER FROM WETLAND LINE |
| | | WETLAND AREAS |
| | | PROPOSED CONCRETE SIDEWALK |
| | | PROPOSED ASPHALT PAVEMENT (FULL DEPTH) |
| | | PROPOSED MILLING LIMITS (1") |

## LANDSCAPE NOTES

1. CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO INSTALLATION.
2. ALL WORK SHALL COMPLY WITH FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS AND FDOT STANDARD SPECIFICATIONS (SECTION 580 - LANDSCAPE).
3. PLANTING AND SODDING SHALL BE PERFORMED IN ACCORDANCE WITH ACCEPTED HORTICULTURAL PRACTICES.
4. EXCAVATE PLANTING PIT A MINIMUM OF 2× ROOT BALL WIDTH AND NO DEEPER THAN THE ROOT BALL HEIGHT.
5. SET ROOT FLARE AT OR SLIGHTLY ABOVE ADJACENT GRADE.
6. BACKFILL WITH ON-SITE SOIL, FREE OF DEBRIS AND LARGE CLODS.
7. PROVIDE 3" ORGANIC MULCH LAYER AROUND TREE PLANTING AREA, KEEPING MULCH AT LEAST 3" CLEAR OF TRUNK.
8. STAKE OR GUY TREE AS REQUIRED TO WITHSTAND WIND; REMOVE STAKING WITHIN 12 MONTHS.
9. PROVIDE FRESH SOD; INSTALL WITHIN 24 HOURS OF HARVEST.
10. LAY SOD ON SMOOTH, GRADED SOIL SURFACE WITH TIGHT JOINTS; STAGGER SEAMS.
11. ROLL SOD LIGHTLY TO ENSURE SOIL CONTACT AND WATER IMMEDIATELY AFTER INSTALLATION.
12. REPLACE SOD THAT FAILS TO ROOT OR SHOWS DIE-BACK AT NO COST TO OWNER
13. CONTRACTOR SHALL FIELD LOCATE, TEST, AND ADJUST EXISTING IRRIGATION TO ENSURE FULL COVERAGE OF ALL NEW PLANTINGS.
14. CONTRACTOR SHALL REPAIR, AT THEIR EXPENSE, ANY IRRIGATION LINES, HEADS, OR EQUIPMENT DAMAGED DURING CONSTRUCTION.
15. CONTRACTOR IS RESPONSIBLE FOR ALL WATERING AND MAINTENANCE NECESSARY TO ESTABLISH ALL PLANTINGS FOR ONE (1) YEAR AFTER ACCEPTANCE.
16. CONTRACTOR SHALL MAINTAIN ALL PLANT MATERIAL IN A HEALTHY, VIGOROUS GROWING CONDITION, FREE FROM PESTS, DISEASE, AND WEEDS, FOR A MINIMUM OF ONE (1) YEAR FOLLOWING ACCEPTANCE.
17. REPLACE ANY DEAD, DECLINING, OR UNACCEPTABLE PLANT MATERIAL IMMEDIATELY, AT NO COST TO OWNER.
18. CONTRACTOR SHALL MOW, TRIM, AND EDGE SOD DURING ESTABLISHMENT PERIOD AS NECESSARY TO MAINTAIN NEAT APPEARANCE.
19. PROTECT EXISTING UTILITIES, STRUCTURES, AND PAVEMENTS DURING WORK.
20. REMOVE ALL PLANTING DEBRIS AND SURPLUS SOIL FROM SITE; LEAVE SITE CLEAN AND READY FOR ACCEPTANCE.
21. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF PLANTING COMPLETION TO BEGIN ESTABLISHMENT PERIOD.

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Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
*Check positive response codes before you dig!*


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DHM MELVIN ENGINEERING

WASHINGTON COUNTY

**WASHINGTON COUNTY LIBRARY**

Washington County Public Library

1444 W JACKSON AVE.
CHIPLEY, FL 32428

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|

| | |
|---|---|
| Project Number | **25014** |
| Dated | 09-03-2025 |

LANDSCAPE PLAN

**L001**


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