

City of Fairhope Planning Commission Agenda 5:00 PM Council Chambers October 4, 2021

Sherry Sullivan *Mayor*

Council Members

Kevin G. Boone

Robert A. Brown

Jack Burrell, ACMO

Jimmy Conyers

Corey Martin

Lisa A. Hanks, MMC

City Clerk

Kimberly Creech
City Treasurer

- Call to Order
- 2. Approval of Minutes
 - September 9, 2021
- 3. Consideration of Agenda Items
 - **A. UR 21.05** Request of AT&T for an 11.52.11 Utility Review and approval of the proposed installation of 4,250 linear foot of buried cable and 2,517 linear foot of overlashed cable. The project will be located in the Gayfer Avenue Extension area, beginning at 21050 County Road 13.
 - **B. UR 21.06** Request of AT&T for 18,372 linear foot of overlashed cable and 12,301 linear foot of directional boring for fiber cable. The project will be located in the North Section Street and Gayfer Avenue area, beginning at 515 North Section Street.
 - **C. UR 21.07** Request of Mediacom for an 11.52.11 Utility Review and approval of the proposed installation of 7,300 linear foot of directional boring for fiber cable in the Quail Creek Subdivision.
 - **D. UR 21.08** Request of Mediacom for an 11.52.11 Utility Review and approval of the proposed installation of 13,288 linear foot of directional boring for fiber cable in the Stone Creek Subdivision
 - **E. SD 21.39** Public hearing to consider the request of 68V Overland 2021 LLC for Plat Approval of Overland Subdivision, a 2-lot minor subdivision. The property is approximately 30.70 acres and is located at the southeast corner of the intersection of County Road 48 and Blueberry Lane. **PPIN #: 43640**
 - **F. SD 21.40** Public hearing to consider the request of 68V Overland 2021 LLC for Preliminary Approval of Overland Townhomes, a 16-unit Multiple Occupancy Project. The property is approximately 30.70 acres and is located at the southeast corner of the intersection of County Road 48 and Blueberry Lane. **PPIN #: 43640**
 - **G. SD 21.41** Public hearing to consider the request of FST Aldi, Inc. of Alabama for Preliminary Approval of Aldi Subdivision, a 5-unit Multiple Occupancy Project. The

161 North Section Street

P.O. Drawer 429

Fairhope, Alabama 36533

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property is approximately 7 acres and is located at the northeast corner of the intersection of County Road 48 and State Highway 181. **PPIN #: 248109, 211347**

- 4. Old/New Business
 - Comprehensive Plan Discussion
- 5. Adjourn

The Planning Commission met Thursday, September 9, 2021, at 5:00 PM at the City Municipal Complex, 161 N. Section Street in the Council Chambers.

Present: Lee Turner, Chairperson; Clarice Hall; Art Dyas; Hollie MacKellar; Harry Kohler; John Worsham; Hunter Simmons, Planning and Zoning Manager; Mike Jeffries, Development Services Manager; Samara Walley, Planner; Allie Knutson, Secretary; and Chris Williams, City Attorney.

Absent: Rebecca Bryant; Jason Langley, Water and Sewer Director; and Jimmy Conyers.

Chairman Turner called the meeting to order at 5:03 PM.

Minutes from August 2, 2021, meeting:

Art Dyas made a motion to approve the minutes as submitted.

John Worsham seconded the motion and the motion carried unanimously with the following vote:

AYE: Lee Turner, Clarice Hall, Art Dyas, Hollie MacKellar, Harry Kohler, and John Worsham.

NAY: None.

UR 21.03 Request of AT&T for an 11.52.11 Utility Review and approval of the proposed installation of one small cell antenna and equipment to existing AT&T wireline light pole.

Owner/Developer: AT&T

General Location: Volanta Avenue, South of Fairhope Yacht Club

Project: Installation of small cell antenna **Jurisdiction:** Fairhope Planning Jurisdiction **Report prepared by:** Chris Ambron, City Planner **Recommendation:** Approval with Conditions

Summary:

Hunter Simmons, Planning and Zoning Manager, presented the case summary.

This project would be a co-location on an existing AT&T utility pole on the south side of Volanta Avenue, across the street from the Fairhope Yacht Club. The equipment/antenna will be colored to blend with the surroundings. Planning Commission is the final authority for this project as it is not requiring a new pole. If a new pole were required, it would also be heard at City Council.

The proposed utility construction is consistent with a previously approved AT&T Small Cell Approved Project (October 7, 2019). Any portions of the project affecting public right-of-way (ROW) maintained by Baldwin County or the Alabama Department of Transportation (ALDOT) shall require permits through the Baldwin County Highway Department or ALDOT. No open trenches shall be allowed. Directional boring shall be used in sensitive areas, such as under roads, in proximity to trees, on finished lots, etc.

If land disturbance is required, the work must be approved by Erik Cortinas, the City Building Official, the applicant shall contact Alabama One Call to locate all existing utilities and ground conditions in the ROW's shall be returned to original preconstruction condition(s) or better, and any other conditions deemed necessary by the Cities Building Official. This site shall comply with all State, Federal and local requirements.

The applicant shall provide as-built profiles of the installed lines and signs and/or door hangers must be used to help notify the citizens of the work being done.

Recommendation:

Staff recommends **APPROVAL** of UR 21.03, **subject to the following conditions:**

- 1. The applicant shall follow the general comments related to utility work, as stated above.
- 2. Applicant and applicant's contractor shall follow the *Right of Way Installation Permitting and Work Procedures* document provided by the Building Official.
- 3. The applicant shall follow the design/color for each site as dictated by staff per the "Site description and locations" section of staff report.
- 4. The applicant is responsible for any Aid to Construction costs for new utility poles or work needed to accommodate a co-locate.
- 5. The City of Fairhope reserves the right to modify or add requirements such as but not limited to cut sheets of proposed poles/fixtures, additional drawings, site locations, design/colors, etc.

No AT&T Representative was present. No further questions or comments from Commissioners.

Motion:

Art Dyas made a motion to approve Case UR 21.03, subject to staff recommendations.

John Worsham seconded the motion and the motion carried unanimously with the following vote:

AYE: Lee Turner, Clarice Hall, Art Dyas, Hollie MacKellar, Harry Kohler, and John Worsham.

NAY: None.

UR 21.04 Request of C-Spire for an 11.52.11 Utility Review and approval of the proposed installation of approximately 37,705 linear feet of directional boring for metro fiber cable and approximately 149,636 linear feet of residential fiber.

Owner/Developer: C-Spire

General Location: North of Volanta Ave., North of Echo Lane, and East of Highway 98/Greeno Rd.

Project: Fiber Communication Installation **Zoning District:** Baldwin County RA

Report prepared by: Chris Ambron, City Planner **Recommendation:** Approval with Conditions

Summary:

Hunter Simmons, Planning and Zoning Manager, presented the case summary.

This project is to be broken up into phases with a maximum of 750-feet per phase with no pneumatic boring under road surfaces. The 37,705 linear feet of metro line will serve commercial clients while the 149,636 linear feet will serve residential clients.

The Applicant shall contact Alabama One Call to locate all existing utilities with line locates called in no less than 72 hours prior to commencing work. The Applicant must also provide draft door hangers for approval at time of pre-construction. All sewer crossings are to be videoed/potholed for review by Water Dept and no new road cuts. Any road cuts allowed could require additional permit costs and shall be coordinated with Public Works.

No work shall begin until a ROW permit is issued by the City of Fairhope Building Department or other applicable jurisdiction (permit not valid until paid for and obtained by contractor). The ROW permit shall be always kept with the contractor or subcontractor during site work. The ROW permit shall be posted on the job site or in the window of contractor(s) vehicle. All contractors/subcontractors are subject to City of Fairhope Business License procedures. The site shall also comply with all State, Federal, and local requirements.

Recommendation:

Staff recommends **APPROVAL** of UR 21.04, **subject to the following conditions:**

- 1. Consultation with the City's horticulturalist, to determine if the required depth of bore must be increased so that no trees are impacted by the project. **The contractor is responsible for any damaged trees.**
- 2. At all street crossing locations, conduct potholing to determine exact location and elevation of existing utilities. Reflect the exact elevation of utilities and GPS coordinates of the pothole locations on a set of as-built drawings.
 - a. An additional right-of-way permit may be required for the potholing procedures.
- 3. Follow-up activities below required by staff and the applicant:
 - a. Upon satisfactory review and approval by ROW Construction Inspector, as-builts will be submitted to the mapping technician for inclusion in GIS utility maps.
- 4. Provide draft door hanger for approval at time of pre-construction meeting.
- 5. Provide a Traffic Control Plan to ROW Inspector prior to commencement of any work.

Mr. Simmons stated that he would also like to add a 6th condition: C-Spire will be responsible for clarifying access on private property that is not the City of Fairhope's and is not covered under the franchise agreement.

Clay Brand, Director of C-Spire, stated that they are asking for more permits than they are going to start because they don't want to overwhelm the city, residents, or any utilities.

Harry Kohler asked about the draft door hangers.

Mr. Branch stated that it is something that they put on citizen's doors to let them know about the work that is being done in their area.

John Worsham asked what the timeline was for this project.

Mr. Branch stated that the project could take about a year to complete with each phase taking around 90 days.

Mr. Simmons stated that John Thomas is the City's Right of Way Inspector and that he helped put some of the conditions together. He also mentioned that the Fruit and Nut section is a congested area with well-established trees and 40-foot right of ways. New utilities have not gone in ground there in a long time. C-Spire will be working with Mr. Thomas to come up with a solution for navigating the Fruit and Nut section. There is also going to be a utility facility on Nichols to provide connection throughout the project that will go to Board of Adjustment.

Motion:

John Worsham made a motion to **approve** Case UR 21.04, subject to staff recommendations plus the added 6^{th} condition.

- 1. Consultation with the City's horticulturalist, to determine if the required depth of bore must be increased so that no trees are impacted by the project. **The contractor is responsible for any damaged trees.**
- 2. At all street crossing locations, conduct potholing to determine exact location and elevation of existing utilities. Reflect the exact elevation of utilities and GPS coordinates of the pothole locations on a set of as-built drawings.
 - a. An additional right-of-way permit may be required for the potholing procedures.
- 3. Follow-up activities below required by staff and the applicant:
 - a. Upon satisfactory review and approval by ROW Construction Inspector, as-builts will be submitted to the mapping technician for inclusion in GIS utility maps.
- 4. Provide draft door hanger for approval at time of pre-construction meeting.
- 5. Provide a Traffic Control Plan to ROW Inspector prior to commencement of any work.
- 6. C-Spire will be responsible for clarifying access on private property that is not the City of Fairhope's and is not covered under the franchise agreement.

Hollie MacKellar seconded the motion and the motion carried unanimously with the following vote:

AYE: Lee Turner, Clarice Hall, Art Dyas, Hollie MacKellar, Harry Kohler, and John Worsham. NAY: None.

ZC 21.11 Public hearing to consider the request of Anthony Tkac and Kristin Kalmbacher to rezone property from R-4 to R-3 TH.

Property Owner/Applicant: Anthony Tkac and Kristin Kalmbacher

General Location: East terminus of Gaston Ave. and on the east side of S. Section Street

Project Type: Rezoning **Project Acreage:** 0.40 acres

Zoning District: R-4 Low Density Multi-Family Residential District

PPIN Number: 41038

Engineer/Surveyor of record: N/A

School District: Fairhope Elementary School, Fairhope Middle and High Schools

Report prepared by: Samara Walley, City Planner

Recommendation: Approval

Summary:

Art Dyas stated that he would be abstaining from this case as the Applicant is a family member.

Samara Walley, City Planner presented the case summary.

The Owners, Anthony Tkac and Kristin Kalmbacher, are being represented by Craig Dyas. The Applicant desires to rezone the subject property similar to the adjacent property to the east to allow townhomes. R-3 TH is defined as a High Density Single-Family Townhouse Residential District intended to provide areas exclusively for the development of town houses on a high-density basis where no side yards are required. The benefit of the R-3 TH district is a reduced front setback of 20-feet compared to 30-feet in an R-4 district.

It should be noted that this is not a site plan review, and a potential approval of the rezoning case does not constitute the approval of the site plan submitted with this application. However, staff has reviewed the site plan and has determined that the plan does not meet R-3 TH standards and would therefore require revisions prior to the issuance of a building permit. An administrative replat will be required to create one lot. Additionally, a Multiple Occupancy Project (MOP) approval will be required for 3 units on one lot. The MOP process takes in consideration greenspace requirements and design standards.

Recommendation:

Staff recommends **APPROVAL** of ZC 21.11, rezoning from R-4 Low Density Multi-Family Residential District to R-3 TH High Density Single-Family Townhouse Residential District.

Craig Dyas presented some additional images of the proposed site plan and elevations as well as some photos of the property and surrounding area. He would like to put the 400 square feet minimum of greenspace in between the buildings to create courtyards rather than at the rear of the buildings. His goal is to keep the existing historic house and restore it.

Chairman Turner opened the Public Hearing.

Levi Reinhart, 251 S. Section Street: Mr. Reinhart stated that he is an adjacent property owner and that he was concerned that the plans for the property were not finalized and wanted to make sure that the property would not allow a small school. He was also concerned with the proposed driveway being beside his home in regard to privacy and noise.

Hunter Simmons, Planning and Zoning Manager, explained the uses in the R-3 TH Zoning District compared to the R-3 and R-4 Zoning District.

Mike Reinhart, 251 S. Section Street: Mr. Reinhart stated that he had similar concerns and hoped that the proposed driveway would be moved away from their home.

Mr. Simmons stated that if the proposed driveway was moved, it could affect the historic home.

Chairman Turner closed the Public Hearing.

Motion:

Hollie MacKellar made a motion to approve Case ZC 21.11.

John Worsham seconded the motion and the motion carried unanimously with the following vote:

AYE: Lee Turner, Clarice Hall, Hollie MacKellar, Harry Kohler, and John Worsham.

NAY: None.

ABSTAIN: Art Dyas.

SD 21.38 Public hearing to consider the request of Summer Lane Partners, LLC for Final Plat Approval of Summer Lane.

Property Owner/Applicant: Summer Lane Partners, LLC

General Location: East terminus of Summer Lane on west side of S. Section Street

Project Type: 15-Lot Major Subdivision Final

Project Acreage: 5.22 acres Zoning District: PUD PPIN Number: 5611

Engineer/Surveyor of Record: Dewberry Engineers

School District: Fairhope Elementary School, Fairhope Middle and High Schools

Report prepared by: Mike Jeffries, Development Services Manager

Recommendation: Approval with Conditions

Summary:

Mike Jeffries, Development Services Manager, presented the case summary.

The Preliminary Plat was approved by Planning Commission at the February 3, 2020, meeting (SD 20.08). Since then, the stormwater system has been built and is functioning as designed per letter from the Engineer of Record. The water and sewer system has been inspected and only remaining deficiencies are the installation of rain guards in the manholes and final cleaning of sewer inverts. These items are listed as a condition of approval. Brick pavers in ROW'S will be responsibility of HOA to maintain and will be reflected in the Resolution of acceptance. The 16-foot alley is private and for the use of landowners to access property. Trash collection will be from the public ROW'S. Final plat must be recorded within 60 days after the date of final approval.

Follow-Up Activities Required by Staff and the Applicant:

- Copy of the recorded plat
- Copy of the recorded O&M Agreement
- Maintenance and Guaranty (M&G) Agreement executed by the developer the mayor signs this agreement to fully execute it
 - Remember to include the instrument # from the recorded plat
 - Please include 30 days in paragraph 3

Recommendation:

Staff recommends **APPROVAL** SD 21.38, Summer Lane, **subject to the following conditions**:

- 1. Rain guards shall be installed on all manholes.
- 2. Sewer inverts shall be cleaned.

- 3. Revise note 2 on plat to include utility easements.
- 4. Add PUD Ordinance # 1661 to site data table,
- 5. Add a general note that The City of Fairhope is not responsible for the maintenance of the decorative pavers located in the ROW's and shall be the responsibility of the POA.
- 6. Add signature block for Gas Certificate of approval.
- 7. Approve subdivision name change to "The Cottages at Summer Lane".
- 8. Complete above-mentioned Follow-Up Activities.

The Developer was present, but no further comments were made.

Chairman Turner opened the Public Hearing, no one spoke. Chairman Turner closed the Public Hearing.

Motion:

Art Dyas made a motion to **approve** Case SD 21.38, Summer Lane Final Plat, subject to staff recommendations.

John Worsham seconded the motion and the motion carried unanimously with the following vote:

AYE: Lee Turner, Clarice Hall, Art Dyas, Hollie MacKellar, Harry Kohler, and John Worsham. NAY: None.

Old/New Business

SD 21.29 Windmill Professional Park – Request of a 30-day extension to record final plat:

Hunter Simmons, Planning and Zoning Manager, stated that the Applicant was requesting a 30-day extension to record final plat for SD 21.29 due to material delays and covid-related circumstances. Mr. Simmons also brought up the idea of extending time to record final plats to 90 or 120 days.

Motion:

John Worsham made a motion to **approve** a 30-day extension to record the final plat for SD 21.29.

Clarice Hall seconded the motion and the motion carried unanimously with the following vote:

AYE: Lee Turner, Clarice Hall, Art Dyas, Hollie MacKellar, Harry Kohler, and John Worsham. NAY: None.

Art Dyas is concerned with a potential increase in requested extensions to record final plats.

Attorney, Chris Williams, stated that the Subdivision Regulations are vague in terms of what "good cause" is to receive an extension. The Subdivision Regulations would need to be changed in order to extend the time to record a final plat as it is currently 60 days.

Hollie MacKellar asked how long it typically takes to record a final plat.

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Mr. Simmons stated that it depends on the applicants and their engineers, but also depends on outside sources. The signature blocks on the plat must be cycled through Baldwin County Engineers and Baldwin County 911.

Chairman Turner was concerned with applicants submitting for final approval without having their infrastructure completely installed.

Mr. Simmons asked the Commissioners if they disagreed with extending the amount of time to 90 days. None of the Commissioners objected, however, a Subdivision Regulation Amendment would have to be advertised.

CAPZO Training Update:

Mr. Simmons gave an update on CAPZO Training and stated that the Planning Department was finalizing dates.

Comp Plan Update:

Mr. Simmons reminded everyone about the Comp Plan Meeting on September 22, 2021, from 6:00-8:00 p.m. at the Nix Center and mentioned other small focus group meetings that the Commissioners would be receiving an email invite for.

Signature Block Discussion:

Baldwin County E-911 has asked the cities to include a signature block on plats. The Commissioners had no objection.

Adjournment

Having no further business, Chairman Turner made a motion to adjourn, and the motion carried unanimously with the following vote:

AYE: Lee Turner, Clarice Hall, Art Dyas, Hollie I NAY: None.	MacKellar, Harry Kohler, and John Worsham.
Adjourned at 6:14 p.m.	
Lee Turner, Chairman	Allie Knutson, Secretary



Planning Commission

October 4, 2021 Utility Review

Case: UR 21.05 AT&T

Project Name:

AT&T Fiber Optic Installation throughout Fairhope's ROW

Project Type:

Utility Review

Project Scope:

Install 6,767' of Fiber Optic Cable

Jurisdiction:

City of Fairhope

Zoning District:

ROW

General Location:

S. Rolling Oaks Dr., Meadow brook, and CR 13 area

Applicant:

AT&T

Owner:

City of Fairhope Right-of-Ways

Prepared by:

Mike Jeffries, QCI

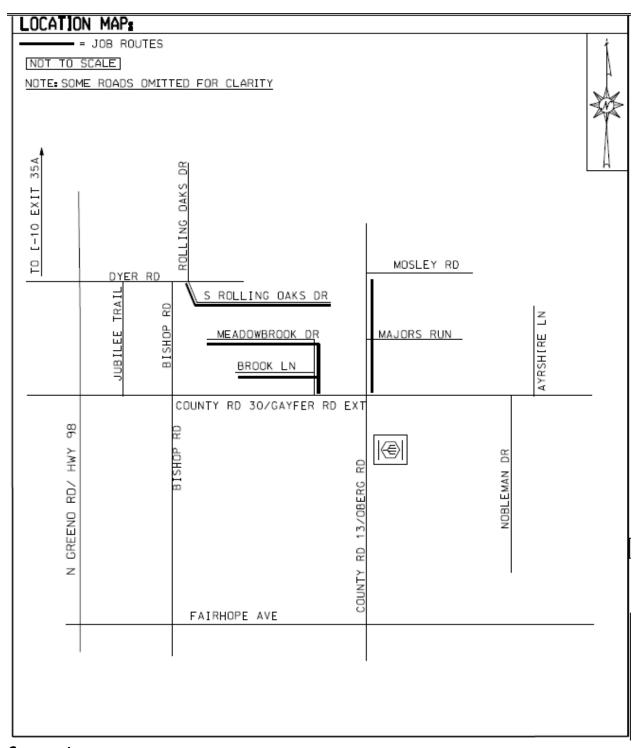
Recommendation:

Approve with conditions





<u>Summary of Request:</u> Request of AT&T for an 11.52.11 Utility Review and approval of the proposed installation of approximately 2,517 linear foot of overlashed aerial and approximately 4,250 linear foot of buried cable in the S. Rolling Oaks Dr., Meadowbrook, and CR 13 area.



Comments:

The proposed utility construction falls within the corporate limits of the City of Fairhope. The comments below are typical general comments for City of Fairhope right-of-way projects. Any portions of the project affecting public right-of-way (ROW) maintained by Baldwin County or the Alabama Department of Transportation (ALDOT) shall require permits through the Baldwin County Highway Department or ALDOT.

GENERAL COMMENTS

No open trenches shall be allowed. Directional boring shall be used in sensitive areas, such as under roads, in proximity to trees, on finished lots, etc.

SUPERINTENDENT AND DEPARTMENT HEAD COMMENTS

The applicant shall contact Alabama One Call to locate all existing utilities.

Public Works Standard Comments:

- Handholes shall not be located within driplines of Heritage Trees (as defined by the Tree Ordinance).
- Any proposed trenching shall not be within the dripline of trees.
- If within a tree dripline, consult with the City of Fairhope Horticulturist before proceeding with earth work.
- Trees shall not be negatively impacted.

The applicant shall provide profile drawings with existing utilities, and proposed utilities. Hand holes/boxes shall not be allowed to be installed in sidewalks. Any boxes/handholes cannot be placed in the sidewalk. The applicant shall review the sidewalk plan to determine if there are any conflicts. The applicant shall coordinate work with John Thomas ROW Inspector to resolve any potential conflicts.

All conduit/cable shall be placed at depth from existing grade per industry and/or County Standards. A minimum horizontal and/or vertical clearance (separation) of 36" must be maintained from stormwater and utility infrastructures. No handholes, boxes, or other above ground infrastructure shall be installed within drainage easements. Pedestals shall be placed in a manner as to avoid obstructing visibility of motorists and to allow vehicles to exit the roadway during an emergency. No grade change shall result from the utility installation. The applicant is to avoid any tree drip lines with handholes and equipment.

If sidewalk panels need to be removed, the subgrade must be compacted to the satisfaction of the ROW inspector. Sidewalk panels shall be a minimum of 4000 psi and be inspected within 24 hours of pouring concrete. Anything over one sidewalk panel shall be poured via concrete truck (no bag mix allowed).

Code Enforcement Officer's Standard Comments:

- The applicant, or subcontractor, shall obtain a ROW permit from the City of Fairhope Building Department prior to beginning work.
- Subcontractors shall have a current business license with the City of Fairhope and shall always have a copy of the ROW permit available for review onsite. The permit shall be always posted on site or in the window of contractor's vehicles.
- Any ROW cuts shall be stabilized (covered) at the end of each day and disturbed areas shall be revegetated with sod within ten (10) days of completion of the project.
- Mulch / seed shall only be acceptable as temporary cover.
- Sod shall be watered as needed to ensure survival.
- Inlets shall be protected. (BMP's shall be placed at all affected storm inlets.)
- If site is within 100' of a critical area (wetland, etc.), red soils/clay shall not be allowed as fill material, per the City's Red Clay/Soil Ordinance.

Building Official's Standard Comments:

BMP's shall be installed at boring sites and trench locations.

- Ground conditions in the ROW's shall be returned to original preconstruction condition(s) or better.
- All plans and permits shall be available for review at all times along with the City of Fairhope permit
 application.
- If required, appropriate ALDOT or Baldwin County Highway Department permits shall be obtained prior to the issuance of a right-of-way (ROW) permit.
- Contractor is advised to review and comply with the Building Official's best practices flyer.

Water and Sewer Standard Comments:

- All existing utilities must be located, and proper separation shall be maintained between utilities.
- All mechanical equipment shall be screened by painting the equipment Munsell Green.
- No blue lined conduit is to be used for communication lines to prevent possible confusion with water service lines. Materials colors shall match APWA uniform color code.
- Water and sewer mains/services must be potholed prior to bore crossings. If street cuts are necessary for potholes, please contact Right of Way inspector for restoration.

Natural Gas Standard Comments:

• Contractor shall provide proper separation from the gas main and all other utilities.

The applicant is advised of the following:

- No work shall begin until a ROW permit is issued by the City of Fairhope Building Department or other applicable jurisdiction. Permit not valid until approved and paid for on Citizen Serve online portal.
- The ROW permit shall be kept with the contractor or subcontractor at all times during site work. The ROW permit shall be posted on the job site or in the window of contractor(s) vehicle.
- All contractors/subcontractors are subject to City of Fairhope Business License procedures.

This site shall comply with all State, Federal and local requirements, including, but not limited to the following City of Fairhope Ordinances:

- 1. City of Fairhope Wetland Ordinance (#1370), which regulates activity within 20' of wetlands.
- 2. City of Fairhope Red Soil & Clay Ordinance (#1423), which prohibits the use of red soil / clay within 100' of critical areas.
- 3. City of Fairhope Erosion and Sediment Control Ordinance (#1398).

State and Federal permits shall be on file with the City of Fairhope Building Department, prior to the issuance of City of Fairhope permits.

The applicant shall provide as-built drawings of all installed lines depicting exact depths.

Recommendation:

Staff recommends approval of UR 21.05 subject to the following conditions:

- Consultation with the City's horticulturalist, to determine if the required depth of bore must be increased so that no trees are impacted by the project. The contractor is responsible for any damaged trees.
- 2. At all street crossing locations, conduct potholing to determine exact location and elevation of existing utilities. Reflect the exact elevation of utilities and GPS coordinates of the pothole locations on a set of as-built drawings.

- a. An additional right-of-way permit may be required for the potholing procedures.
- 3. Follow-up activities below required by staff and the applicant:
 - a. Upon satisfactory review and approval by ROW Construction Inspector, as-builts will be submitted to the mapping technician for inclusion in GIS utility maps as needed.
- 4. Provide draft door hanger for approval at time of pre-construction.
- 5. Provide a Traffic Control Plan to ROW Inspector prior to commencement of any work.



Planning Commission

October 4, 2021 Utility Review

Case: UR 21.06 AT&T

Project Name:

AT&T Fiber Optic Installation throughout Fairhope's ROW

Project Type:

Utility Review

Project Scope:

Install 30,673' of Fiber Optic Cable

Jurisdiction:

City of Fairhope

Zoning District:

ROW

General Location:

Various ROW's around Gayfer Avenue and Section Street

Applicant:

AT&T

Owner:

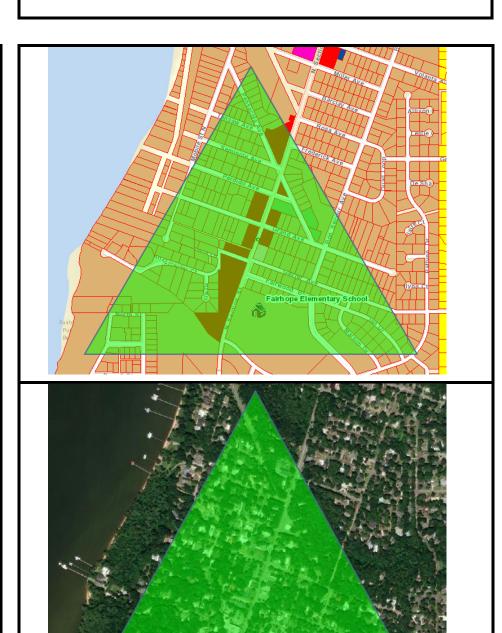
City of Fairhope Right-of-Ways

Prepared by:

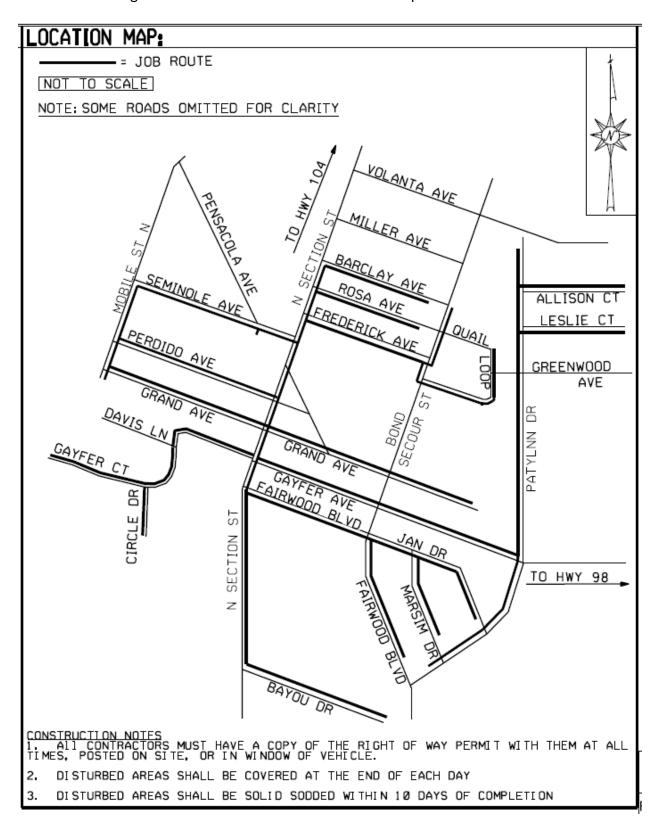
Mike Jeffries, QCI

Recommendation:

Approve with conditions



<u>Summary of Request:</u> Request of AT&T for an 11.52.11 Utility Review and approval of the proposed installation of approximately 18,372 linear foot of overlashed aerial and approximately 12,301 linear foot of buried cable along routes outlined on the below location map.



Comments:

The proposed utility construction falls within the corporate limits of the City of Fairhope. The comments below are typical general comments for City of Fairhope right-of-way projects. Any portions of the project affecting public right-of-way (ROW) maintained by Baldwin County or the Alabama Department of Transportation (ALDOT) shall require permits through the Baldwin County Highway Department or ALDOT.

GENERAL COMMENTS

No open trenches shall be allowed. Directional boring shall be used in sensitive areas, such as under roads, in proximity to trees, on finished lots, etc.

SUPERINTENDENT AND DEPARTMENT HEAD COMMENTS

The applicant shall contact Alabama One Call to locate all existing utilities.

Public Works Standard Comments:

- Handholes shall not be located within driplines of Heritage Trees (as defined by the Tree Ordinance).
- Any proposed trenching shall not be within the dripline of trees.
- If within a tree dripline, consult with the City of Fairhope Horticulturist before proceeding with earth work.
- Trees shall not be negatively impacted.

The applicant shall provide profile drawings with existing utilities, and proposed utilities. Hand holes/boxes shall not be allowed to be installed in sidewalks. Any boxes/handholes cannot be placed in the sidewalk. The applicant shall review the sidewalk plan to determine if there are any conflicts. The applicant shall coordinate work with John Thomas ROW Inspector to resolve any potential conflicts.

All conduit/cable shall be placed at depth from existing grade per industry and/or County Standards. A minimum horizontal and/or vertical clearance (separation) of 36" must be maintained from stormwater and utility infrastructures. No handholes, boxes, or other above ground infrastructure shall be installed within drainage easements. Pedestals shall be placed in a manner as to avoid obstructing visibility of motorists and to allow vehicles to exit the roadway during an emergency. No grade change shall result from the utility installation. The applicant is to avoid any tree drip lines with handholes and equipment.

If sidewalk panels need to be removed, the subgrade must be compacted to the satisfaction of the ROW inspector. Sidewalk panels shall be a minimum of 4000 psi and be inspected within 24 hours of pouring concrete. Anything over one sidewalk panel shall be poured via concrete truck (no bag mix allowed).

Code Enforcement Officer's Standard Comments:

- The applicant, or subcontractor, shall obtain a ROW permit from the City of Fairhope Building Department prior to beginning work.
- Subcontractors shall have a current business license with the City of Fairhope and shall always have a copy of the ROW permit available for review onsite. The permit shall be always posted on site or in the window of contractor's vehicles.
- Any ROW cuts shall be stabilized (covered) at the end of each day and disturbed areas shall be revegetated with sod within ten (10) days of completion of the project.
- Mulch / seed shall only be acceptable as temporary cover.

- Sod shall be watered as needed to ensure survival.
- Inlets shall be protected. (BMP's shall be placed at all affected storm inlets.)
- If site is within 100' of a critical area (wetland, etc.), red soils/clay shall not be allowed as fill material, per the City's Red Clay/Soil Ordinance.

Building Official's Standard Comments:

- BMP's shall be installed at boring sites and trench locations.
- Ground conditions in the ROW's shall be returned to original preconstruction condition(s) or better.
- All plans and permits shall be available for review at all times along with the City of Fairhope permit
 application.
- If required, appropriate ALDOT or Baldwin County Highway Department permits shall be obtained prior to the issuance of a right-of-way (ROW) permit.
- Contractor is advised to review and comply with the Building Official's best practices flyer.

Water and Sewer Standard Comments:

- All existing utilities must be located, and proper separation shall be maintained between utilities.
- All mechanical equipment shall be screened by painting the equipment Munsell Green.
- No blue lined conduit is to be used for communication lines to prevent possible confusion with water service lines. Materials colors shall match APWA uniform color code.
- Water and sewer mains/services must be potholed prior to bore crossings. If street cuts are necessary for potholes, please contact Right of Way inspector for restoration.

Natural Gas Standard Comments:

• Contractor shall provide proper separation from the gas main and all other utilities.

The applicant is advised of the following:

- No work shall begin until a ROW permit is issued by the City of Fairhope Building Department or other applicable jurisdiction. Permit not valid until approved and paid for on Citizen Serve online portal.
- The ROW permit shall be kept with the contractor or subcontractor at all times during site work. The ROW permit shall be posted on the job site or in the window of contractor(s) vehicle.
- All contractors/subcontractors are subject to City of Fairhope Business License procedures.

This site shall comply with all State, Federal and local requirements, including, but not limited to the following City of Fairhope Ordinances:

- 1. City of Fairhope Wetland Ordinance (#1370), which regulates activity within 20' of wetlands.
- 2. City of Fairhope Red Soil & Clay Ordinance (#1423), which prohibits the use of red soil / clay within 100' of critical areas.
- 3. City of Fairhope Erosion and Sediment Control Ordinance (#1398).

State and Federal permits shall be on file with the City of Fairhope Building Department, prior to the issuance of City of Fairhope permits.

The applicant shall provide as-built drawings of all installed lines depicting exact depths.

<u>Recommendation</u>:

Staff recommends approval of UR 21.06 subject to the following conditions:

- Consultation with the City's horticulturalist, to determine if the required depth of bore must be increased so that no trees are impacted by the project. The contractor is responsible for any damaged trees.
- 2. At all street crossing locations, conduct potholing to determine exact location and elevation of existing utilities. Reflect the exact elevation of utilities and GPS coordinates of the pothole locations on a set of as-built drawings.
 - a. An additional right-of-way permit may be required for the potholing procedures.
- 3. Follow-up activities below required by staff and the applicant:
 - a. Upon satisfactory review and approval by ROW Construction Inspector, as-builts will be submitted to the mapping technician for inclusion in GIS utility maps as needed.
- 4. Provide draft door hanger for approval at time of pre-construction.
- 5. Provide a Traffic Control Plan to ROW Inspector prior to commencement of any work.



Planning Commission

October 4, 2021 Utility Review

Case: UR 21.07 MediaCom

Project Name:

MediaCom Fiber Optic Installation throughout Fairhope's ROW and Utility Easements

Project Type:

Utility Review

Project Scope:

Install 7,300' of Fiber Optic Cable

Jurisdiction:

City of Fairhope

Zoning District:

ROW

General Location:

Quail Creek Drive

Applicant:

AT&T

Owner:

City of Fairhope Right-of-Ways

Prepared by:

Mike Jeffries, QCI

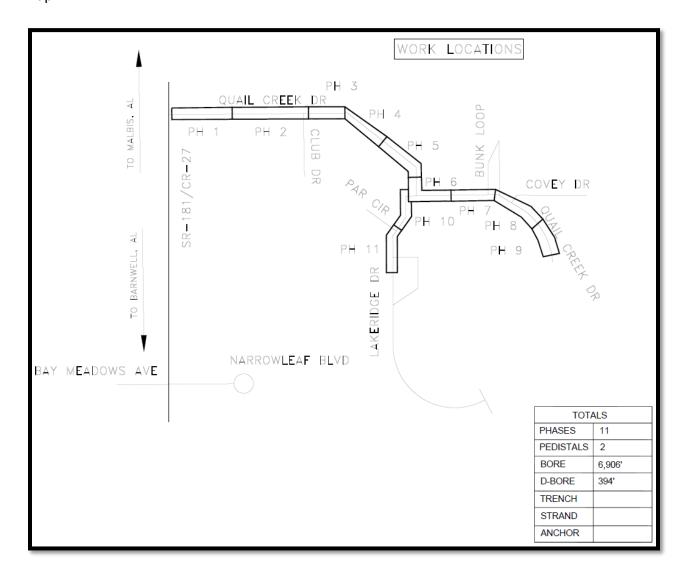
Recommendation:

Approve with conditions





<u>Summary of Request:</u> Request of MediaCom for an 11.52.11 Utility Review and approval of the proposed installation of approximately 7,000 linear foot of buried cable along routes outlined on the below location map.



Comments:

The proposed utility construction falls within the corporate limits of the City of Fairhope. The comments below are typical general comments for City of Fairhope right-of-way projects. Any portions of the project affecting public right-of-way (ROW) maintained by Baldwin County or the Alabama Department of Transportation (ALDOT) shall require permits through the Baldwin County Highway Department or ALDOT.

GENERAL COMMENTS

No open trenches shall be allowed. Directional boring shall be used in sensitive areas, such as under roads, in proximity to trees, on finished lots, etc.

SUPERINTENDENT AND DEPARTMENT HEAD COMMENTS

The applicant shall contact Alabama One Call to locate all existing utilities.

Public Works Standard Comments:

- Handholes shall not be located within driplines of Heritage Trees (as defined by the Tree Ordinance).
- Any proposed trenching shall not be within the dripline of trees.
- If within a tree dripline, consult with the City of Fairhope Horticulturist before proceeding with earth work.
- Trees shall not be negatively impacted.

The applicant shall provide profile drawings with existing utilities, and proposed utilities. Hand holes/boxes shall not be allowed to be installed in sidewalks. Any boxes/handholes cannot be placed in the sidewalk. The applicant shall review the sidewalk plan to determine if there are any conflicts. The applicant shall coordinate work with John Thomas ROW Inspector to resolve any potential conflicts.

All conduit/cable shall be placed at depth from existing grade per industry and/or County Standards. A minimum horizontal and/or vertical clearance (separation) of 36" must be maintained from stormwater and utility infrastructures. No handholes, boxes, or other above ground infrastructure shall be installed within drainage easements. Pedestals shall be placed in a manner as to avoid obstructing visibility of motorists and to allow vehicles to exit the roadway during an emergency. No grade change shall result from the utility installation. The applicant is to avoid any tree drip lines with handholes and equipment.

If sidewalk panels need to be removed, the subgrade must be compacted to the satisfaction of the ROW inspector. Sidewalk panels shall be a minimum of 4000 psi and be inspected within 24 hours of pouring concrete. Anything over one sidewalk panel shall be poured via concrete truck (no bag mix allowed).

Code Enforcement Officer's Standard Comments:

- The applicant, or subcontractor, shall obtain a ROW permit from the City of Fairhope Building Department prior to beginning work.
- Subcontractors shall have a current business license with the City of Fairhope and shall always have a copy of the ROW permit available for review onsite. The permit shall be always posted on site or in the window of contractor's vehicles.
- Any ROW cuts shall be stabilized (covered) at the end of each day and disturbed areas shall be revegetated with sod within ten (10) days of completion of the project.
- Mulch / seed shall only be acceptable as temporary cover.
- Sod shall be watered as needed to ensure survival.
- Inlets shall be protected. (BMP's shall be placed at all affected storm inlets.)
- If site is within 100' of a critical area (wetland, etc.), red soils/clay shall not be allowed as fill material, per the City's Red Clay/Soil Ordinance.

Building Official's Standard Comments:

- BMP's shall be installed at boring sites and trench locations.
- Ground conditions in the ROW's shall be returned to original preconstruction condition(s) or better.
- All plans and permits shall be available for review at all times along with the City of Fairhope permit application.
- If required, appropriate ALDOT or Baldwin County Highway Department permits shall be obtained prior to the issuance of a right-of-way (ROW) permit.
- Contractor is advised to review and comply with the Building Official's best practices flyer.

Water and Sewer Standard Comments:

- All existing utilities must be located, and proper separation shall be maintained between utilities.
- All mechanical equipment shall be screened by painting the equipment Munsell Green.
- No blue lined conduit is to be used for communication lines to prevent possible confusion with water service lines. Materials colors shall match APWA uniform color code.
- Water and sewer mains/services must be potholed prior to bore crossings. If street cuts are necessary for potholes, please contact Right of Way inspector for restoration.

Natural Gas Standard Comments:

Contractor shall provide proper separation from the gas main and all other utilities.

The applicant is advised of the following:

- No work shall begin until a ROW permit is issued by the City of Fairhope Building Department or other applicable jurisdiction. Permit not valid until approved and paid for on Citizen Serve online portal.
- The ROW permit shall be kept with the contractor or subcontractor at all times during site work. The ROW permit shall be posted on the job site or in the window of contractor(s) vehicle.
- All contractors/subcontractors are subject to City of Fairhope Business License procedures.

This site shall comply with all State, Federal and local requirements, including, but not limited to the following City of Fairhope Ordinances:

- 1. City of Fairhope Wetland Ordinance (#1370), which regulates activity within 20' of wetlands.
- 2. City of Fairhope Red Soil & Clay Ordinance (#1423), which prohibits the use of red soil / clay within 100' of critical areas.
- 3. City of Fairhope Erosion and Sediment Control Ordinance (#1398).

State and Federal permits shall be on file with the City of Fairhope Building Department, prior to the issuance of City of Fairhope permits.

The applicant shall provide as-built drawings of all installed lines depicting exact depths.

Recommendation:

Staff recommends approval of UR 21.07 subject to the following conditions:

- Consultation with the City's horticulturalist, to determine if the required depth of bore must be increased so that no trees are impacted by the project. The contractor is responsible for any damaged trees.
- 2. At all street crossing locations, conduct potholing to determine exact location and elevation of existing utilities. Reflect the exact elevation of utilities and GPS coordinates of the pothole locations on a set of as-built drawings.
 - a. An additional right-of-way permit may be required for the potholing procedures.
- 3. Follow-up activities below required by staff and the applicant:
 - a. Upon satisfactory review and approval by ROW Construction Inspector, as-builts will be submitted to the mapping technician for inclusion in GIS utility maps as needed.
- 4. Provide draft door hanger for approval at time of pre-construction.
- 5. Provide a Traffic Control Plan to ROW Inspector prior to commencement of any work.



Planning Commission

October 4, 2021 Utility Review

Case: UR 21.08 MediaCom

Project Name:

MediaCom Fiber Optic Installation throughout Fairhope's ROW and Utility Easements

Project Type:

Utility Review

Project Scope:

Install 13,288' of Fiber Optic Cable

Jurisdiction:

City of Fairhope

Zoning District:

ROW

General Location:

Stone Creek Subdivision

Applicant:

AT&T

Owner:

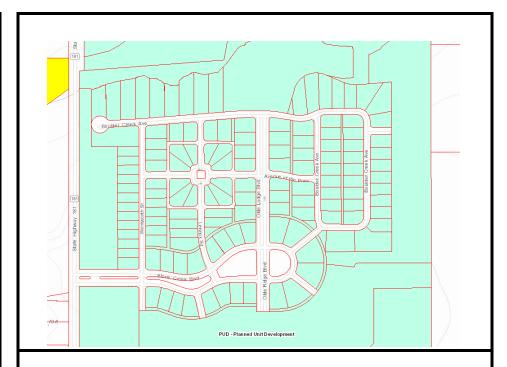
City of Fairhope Right-of-Ways

Prepared by:

Mike Jeffries, QCI

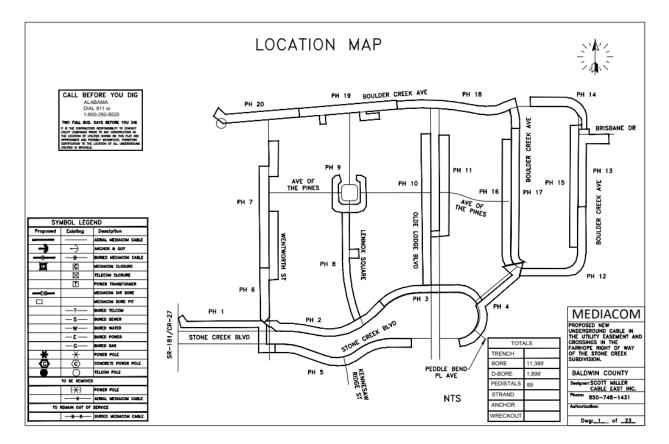
Recommendation:

Approve with conditions





<u>Summary of Request:</u> Request of MediaCom for an 11.52.11 Utility Review and approval of the proposed installation of approximately 13,288 linear feet of buried cable along routes outlined on the below location map.



Comments:

The proposed utility construction falls within the corporate limits of the City of Fairhope. The comments below are typical general comments for City of Fairhope right-of-way projects. Any portions of the project affecting public right-of-way (ROW) maintained by Baldwin County or the Alabama Department of Transportation (ALDOT) shall require permits through the Baldwin County Highway Department or ALDOT.

GENERAL COMMENTS

No open trenches shall be allowed. Directional boring shall be used in sensitive areas, such as under roads, in proximity to trees, on finished lots, etc.

SUPERINTENDENT AND DEPARTMENT HEAD COMMENTS

The applicant shall contact Alabama One Call to locate all existing utilities.

Public Works Standard Comments:

- Handholes shall not be located within driplines of Heritage Trees (as defined by the Tree Ordinance).
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The applicant shall provide profile drawings with existing utilities, and proposed utilities. Hand holes/boxes shall not be allowed to be installed in sidewalks. Any boxes/handholes cannot be placed in the sidewalk. The applicant shall review the sidewalk plan to determine if there are any conflicts. The applicant shall coordinate work with John Thomas ROW Inspector to resolve any potential conflicts.

All conduit/cable shall be placed at depth from existing grade per industry and/or County Standards. A minimum horizontal and/or vertical clearance (separation) of 36" must be maintained from stormwater and utility infrastructures. No handholes, boxes, or other above ground infrastructure shall be installed within drainage easements. Pedestals shall be placed in a manner as to avoid obstructing visibility of motorists and to allow vehicles to exit the roadway during an emergency. No grade change shall result from the utility installation. The applicant is to avoid any tree drip lines with handholes and equipment.

If sidewalk panels need to be removed, the subgrade must be compacted to the satisfaction of the ROW inspector. Sidewalk panels shall be a minimum of 4000 psi and be inspected within 24 hours of pouring concrete. Anything over one sidewalk panel shall be poured via concrete truck (no bag mix allowed).

Code Enforcement Officer's Standard Comments:

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- Subcontractors shall have a current business license with the City of Fairhope and shall always have a copy of the ROW permit available for review onsite. The permit shall be always posted on site or in the window of contractor's vehicles.
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- Mulch / seed shall only be acceptable as temporary cover.
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- Inlets shall be protected. (BMP's shall be placed at all affected storm inlets.)
- If site is within 100' of a critical area (wetland, etc.), red soils/clay shall not be allowed as fill material, per the City's Red Clay/Soil Ordinance.

Building Official's Standard Comments:

- BMP's shall be installed at boring sites and trench locations.
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- Contractor is advised to review and comply with the Building Official's best practices flyer.

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- All existing utilities must be located, and proper separation shall be maintained between utilities.
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The applicant is advised of the following:

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- 2. City of Fairhope Red Soil & Clay Ordinance (#1423), which prohibits the use of red soil / clay within 100' of critical areas.
- 3. City of Fairhope Erosion and Sediment Control Ordinance (#1398).

State and Federal permits shall be on file with the City of Fairhope Building Department, prior to the issuance of City of Fairhope permits.

The applicant shall provide as-built drawings of all installed lines depicting exact depths.

Recommendation:

Staff recommends approval of UR 21.08 subject to the following conditions:

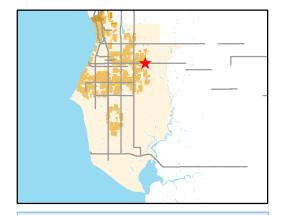
- Consultation with the City's horticulturalist, to determine if the required depth of bore must be increased so that no trees are impacted by the project. The contractor is responsible for any damaged trees.
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- 3. Follow-up activities below required by staff and the applicant:
 - a. Upon satisfactory review and approval by ROW Construction Inspector, as-builts will be submitted to the mapping technician for inclusion in GIS utility maps as needed.
- 4. Provide draft door hanger for approval at time of pre-construction.
- 5. Provide a Traffic Control Plan to ROW Inspector prior to commencement of any work.

City of Fairhope Planning Commission

October 4, 2021



SD 21.39 - Overland Subdivision



Project Name:

Overland- Minor

Site Data:

30.70 acres

Project Type:

2-Lot Minor Subdivision

Jurisdiction:

Fairhope Planning Jurisdiction

Zoning District:

PUD

PPIN Number:

43640

General Location:

Southeast corner of the intersection of County Road 48 and Blueberry Lane

Surveyor of Record:

Engineer of Record:

SE Civil, LLC

Owner / Developer:

68V Overland 2021, LLC

School District:

Fairhope Elementary School

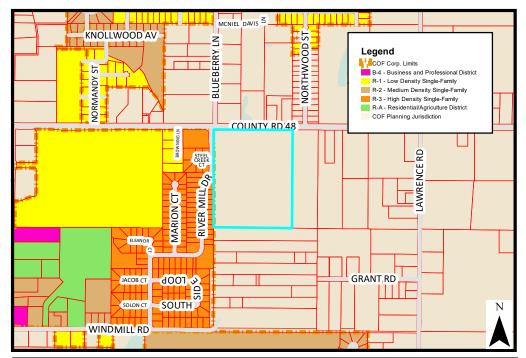
Fairhope Middle and High Schools

Recommendation:

Approved w/ Conditions

Prepared by:

Samara Walley







APPLICATION FOR SUBDIVISION PLAT APPROVAL

Attachments: Date of Application: Articles of Incorporation or List all associated investors	Application Type:	☐ Village Subdivision	Minor Subdivision	☐ Informal (No Fee)
Attachments: Date of Application: B/24/21		☐ Preliminary Plat	☐ Final Plat	☐ Multiple Occupancy Project
Name of Property Owner: 68V Overland 2021, LLC Phone Number: 251-625-1198 Address of Property Owner: 29891 Woodrow Lane Suite 300 City: Spanish Fort State: AL Zip: 36527 Proposed Subdivision Name: Overland Division No. Acres in Plat: 30.70 No. Lots/Units: 2 Parcel No: 05-46-06-14-0-000-002.000 Current Zoning: PUD Authorized Agent Information Plat must be signed by the property owner before acceptance by the City of Fairhope Name of Authorized Agent: SE Civil, LLC Phone Number: (251)990-6566 Address: 880 Holcomb Blvd, Suite 2F City: Fairhope State: AL Zip: 36532 Contact Person: Larry Smith Surveyor/Engineer Information Name of Firm: SE Civil, LLC Phone Number: (251)990-6566 Address: 880 Holcomb Blvd, Suite 2F City: Fairhope State: AL Zip: 36532 Contact Person: Larry Smith Plat Fee Calculation: Reference: Ordinance 1269 Signatures: I certify that I am the property owner/leaseholder of the above described property and hereby submit this plat to the City for review. *If property is owned by Fairhope Single Tax Corp. an authorized Single Tax representative shall sign this application.		Articles of Incorporatio	on or List all associated investors	
Proposed Subdivision Name: Overland Division No. Acres in Plat: 30.70 Parcel No: 05-46-06-14-0-000-002.000 Authorized Agent Information Plat must be signed by the property owner before acceptance by the City of Fairhope Name of Authorized Agent: SE Civil, LLC Phone Number: (251) 990-6566 Address: 880 Holcomb Blvd, Suite 2F City: Fairhope Contact Person: Larry Smith Surveyor/Engineer Information Name of Firm: SE Civil, LLC Phone Number: (251) 990-6566 Address: 880 Holcomb Blvd, Suite 2F City: Fairhope Contact Person: Larry Smith Phone Number: (251) 990-6566 Signatures: I Certify that I am the property owner/leaseholder of the above described property and hereby submit this plat to the City for review. If property is owned by Fairhope Single Tax Corp. an authorized Single Tax representative shall sign this application.	Address of Pro	rty Owner: 68V Overlas perty Owner: 29891 V	nd 2021, LLC Phone Moodrow Lane Suite 300	Number: 251-625-1198
No. Acres in Plat: 30.70 No. Lots/Units: 2 Parcel No: 05-46-06-14-0-000-002.000 Current Zoning: PUD Authorized Agent Information Plat must be signed by the property owner before acceptance by the City of Fairhope Name of Authorized Agent: SE Civil, LLC Phone Number: (251)990-6566 Address: 880 Holcomb Blvd, Suite 2F City: Fairhope State: AL Zip: 36532 Contact Person: Larry Smith Surveyor/Engineer Information Name of Firm: SE Civil, LLC Phone Number: (251)990-6566 Address: 880 Holcomb Blvd, Suite 2F City: Fairhope State: AL Zip: 36532 Contact Person: Larry Smith Plat Fee Calculation: Reference: Ordinance 1269 Signatures: I certify that I am the property owner/leaseholder of the above described property and hereby submit this plat to the City for review. *If property is owned by Fairhope Single Tax Copp. an authorized Single Tax representative shall sign this application.	City: Spanish	Fort	State: AL	Zip: 36527
Name of Authorized Agent: SE Civil, LLC Phone Number: (251)990-6566 Address: 880 Holcomb Blvd, Suite 2F City: Fairhope State: AL Zip: 36532 Contact Person: Larry Smith Surveyor/Engineer Information Name of Firm: SE Civil, LLC Phone Number: (251)990-6566 Address: 880 Holcomb Blvd, Suite 2F City: Fairhope State: AL Zip: 36532 Contact Person: Larry Smith Plat Fee Calculation: Reference: Ordinance 1269 Signatures: I certify that I am the property owner/leaseholder of the above described property and hereby submit this plat to the City for review. *If property is owned by Fairhope Single Tax Corp. an authorized Single Tax representative shall sign this application.	No. Acres in Pl	at: 30.70	No. Lots/Units	S: <u>2</u> ng: <u>PUD</u>
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Plat Fee Calculation: Reference: Ordinance 1269 Signatures: I certify that I am the property owner/leaseholder of the above described property and hereby submit this plat to the City for review. *If property is owned by Fairhope Single Tax Corp. an authorized Single Tax representative shall sign this application. Property Owner (Leaseholder Printed No. 2021, ULC.)	City: Fairhope	SE Civil, LLC blcomb Blvd, Suite 2F	Phone I	
Date Fairhope Single Tax Corp. (If Applicable)	Plat Fee Calculation Resident Signatures: I certify that I am to submit this plat to authorized Single authorized Single Property Owner/Lee	the property owner/lease the City for review. *If Tax representative shall	ce 1269 cholder of the above describeroperty is owned by Fairly sign this application. Signature	ope Single Tax Corp. an

68V Overland 2021, LLC	
2. THIS FORM WAS PREPARED BY:	
Nathan L. Cox	
3. THE NAME AND STREET (NO PO BOXES) ADDRESS OF THE REGISTERED AGENT LOCATED AT IN ALABAMA):	THE REGISTERED OFFICE (MUST BE LOCATE
Andrew R Dolan	
29891 Woodrow Lane, Suite 300	
Spanish Fort, AL 36527 BALDWIN	
MAILING ADDRESS IN ALABAMA OF REGISTERED OFFICE (IF DIFFERENT FROM STREET ADDRE	SS)·
4. THE UNDERSIGNED CERTIFY THAT THERE IS AT LEAST ONE MEMBER OF THE LIMITED LIABIL	ITY COMPANY.
5. CHECK ONLY IF THE TYPE APPLIES TO THE LIMITED LIABILITY COMPANY BEING FORMED:	
NON-PROFIT LLC	
NON-PROFIT LLC NON-PROFIT SERIES LLC	
NON-PROFIT SERIES LLC	(FOR SOS OFFICE USE ONLY)
NON-PROFIT SERIES LLC PROFESSIONAL SERIES LLC	(FOR SOS OFFICE USE ONLY) Alabama Sec. Of State
NON-PROFIT SERIES LLC PROFESSIONAL SERIES LLC PROFESSIONAL LLC COMPLYING WITH TITLE 10A, CHAPTER 5A, ARTICLE 8	Alabama

\$100.00

\$200.00

\$0.00

County

Exp Total

6. THE UNDERSIGNED SPECIFY 06/25/2021 10:07:09 AS THE EFFECTIVE DATE AND THE TIME OF FILING				
ATTACHED ARE ANY OTHER MATTERS THE MEMBERS DETERMINE TO INCLUDE HEREIN				
7. ORGANIZER(S) - OPTIONAL				
Not Applicable				
	06/25/2021	Nathan L. Cox Manager		
	DATE	ELECTRONIC SIGNATURE & TITLE		

John H. Merrill Secretary of State P.O. Box 5616 Montgomery, AL 36103-5616

STATE OF ALABAMA

I, John H. Merrill, Secretary of State of Alabama, having custody of the Great and Principal Seal of said State, do hereby certify that

pursuant to the provisions of Title 10A, Chapter 1, Article 5, Code of Alabama 1975, and upon an examination of the entity records on file in this office, the following entity name is reserved as available:

68V Overland 2021, LLC

This name reservation is for the exclusive use of Nathan L. Cox, 29891 Woodrow Lane, Suite 300, Spanish Fort, AL 36527 for a period of one year beginning June 25, 2021 and expiring June 25, 2022



RES960638

In Testimony Whereof, I have hereunto set my hand and affixed the Great Seal of the State, at the Capitol, in the city of Montgomery, on this day.

June 25, 2021

Date

X W. Menill

John H. Merrill

Secretary of State

Summary of Request:

Public hearing to consider the request of 68V Overland 2021, LLC for plat approval of Overland Subdivision, a 2-lot minor subdivision. The property is approximately 30.70 acres and is located at the southeast corner of the intersection of County Road 48 and Blueberry Lane.

Comments:

The subject property is in Fairhope's corporate limits and therefore must follow Fairhope's Subdivision Regulations. The proposed subdivision according to Fairhope's Subdivision Regulations is a minor subdivision and has been reviewed accordingly.

It should be noted that the subject property received initial zoning to PUD and annexation by the City Council in June 28, 2021 (ZC 21.01). The overall development includes single family and multi-family components.

The proposed subdivision does not include the building of any additional infrastructure or improvements therefore a tree protection plan, landscape plan, and other criteria required for a major subdivision is not

applicable. The proposed subdivision did trigger a traffic study. Concerning storm water runoff none of the existing flow patterns will be changed. Water, and sewer, gas available through the City of Fairhope. Baldwin EMC electrical service available.

The preliminary plat 2-lot illustrates subdivision the at intersection of Fairhope Avenue and Blueberry Lane. A 75' highway construction setback and a 35' minimum building setback line is illustrated along Fairhope Avenue. A 30' building setback line is illustrated along River Mill Drive A wetland buffer is present on the subject site. wetland buffer and buffer signs are illustrated on the site. The preliminary plat does not illustrate sidewalks. As a condition of approval, sidewalks shall be illustrated along Fairhope Avenue as required in the PUD approval (ZC 21.01).

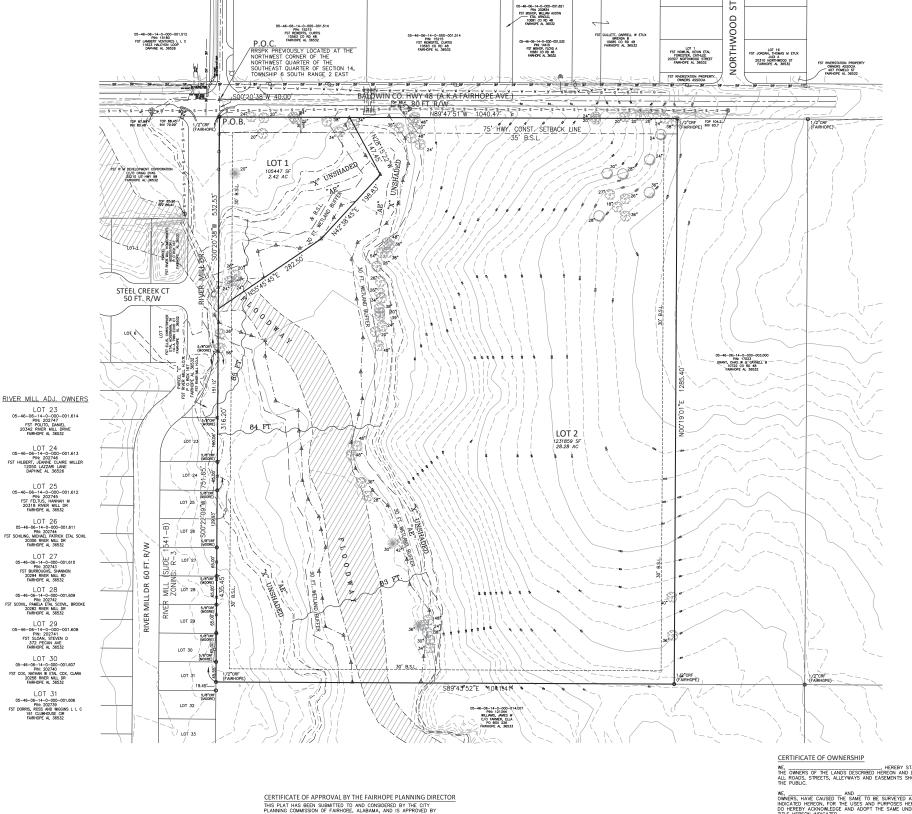
The subdivision regulations contain the following criteria in Article IV.B.2. Approval Standards:

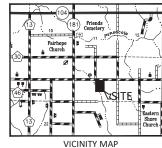
- "2. Consistency with Plans, Regulations and Laws The Planning Commission shall not approve the subdivision of land if the Commission makes a finding that such land is not suitable for platting and development as proposed, due to any of the following:
 - a. The proposed subdivision is not consistent with the City's Comprehensive Plan, and/or the City's Zoning ordinance, where applicable;
 - Meets
 - The proposed subdivision is not consistent with the City's Comprehensive Plan or any other plan or program for the physical development of the City including but not limited to a Master Street Plan, a Parks Plan, a Bicycle Plan, a Pedestrian Plan, or the Capital Improvements Program;
 - Not applicable
 - c. The proposed subdivision is not consistent with these Regulations;
 - Meets
 - d. The proposed subdivision is not consistent with other applicable state or federal laws and regulations; or
 - Meets
 - e. The proposed subdivision otherwise endangers the health, safety, welfare or property within the planning jurisdiction of the City."
 - Meets

Recommendation:

Staff recommends APPROVAL of SD 21.39 Overland Minor Subdivision subject to the following conditions:

1. Revision of the plat to illustrate a sidewalk along Fairhope Avenue as required in the approved PUD (ZC 21.01).





ROBERTA U. HARRIS, STEPHEN JOHN URBANEK II. AND MARGARET URBANEK DUNNAM 10824 U.S. HWY 98 FAIRHOPE AL 36532

DEVELOPER 68V PAYDIRT, LLC 29891 WOODROW LANE, SUITE 300 SPANISH FORT AL 36527

PARCEL NO: 05-46-06-14-0-000-002.000

SITE DATA

CURRENT ZONING: P.U.D. LIN. FT. STREETS: EXIST. TOTAL LOTS: 2 DENSITY: 0.07 / AC SMALLEST LOT: 2.42 AC. LARGEST SF LOT: 28.28 AC COMMON AREAS: 8.34 AC (53%) TOTAL AREA: 30.70 AC

REQUIRED SETBACKS: FRONT: 35 FEET REAR: 30 FEET SIDE: 30 FEET SIDE STREET: N/A

WATER SERVICE: CITY OF FAIRHOPE SEWER SERVICE: CITY OF FAIRHOPE ELECTRIC SERVICE: BALDWIN EMC TELEPHONE SERVICE: AT&T

LEGEND:

SURVEYOR'S NOTES:

GENERAL NOTES:

1. FOR THE LOCATION OF ALL UTILITIES, SEE CONSTRUCTION PLANS.

2. STORMWATER DETERNION SHALL BE PROVIDED FOR EACH PHASE OF THE DEVELOPMENT AS PER APPROVED DIF OF EACH PHASE OF THE DEVELOPMENT AS PER APPROVED DIFF.

3. THERE IS DEDICATED HERRWITH A 10 FOOT UTILITY EASEMENT (6 FT. EACH SIDE) ON ALL LOT LINES AND A 10 FOOT UTILITY EASEMENT ALONG COMMON AREAS ADJACENT TO THE RICHT-OF-WAYS AND COMMON AREA LINES, UNLESS OTHERWES NOTED.

4. THERE IS DEDICATED HERRWITH A 15 FOOT DRAINAGE EASEMENT (7.5' EACH SIDE) ALONG THE REAR LOT LINES OF ALL LOTS (UNLESS SHOWN OTHERWISE) AND A 10 FOOT DRAINAGE EASEMENT ALONG ALL SIDE LOT LINES (5 FOOT OF EACH SIDE) OF ALL LOTS (UNLESS SHOWN OTHERWISE) AND A 10 FOOT DRAINAGE EASEMENT ALONG ALL SIDE LOT LINES (5 FOOT OF EACH SIDE) OF ALL LOTS (UNLESS SHOWN OTHERWISE) AND A 10 FOOT DRAINAGE EASEMENT ALONG ALL SIDE LOT LINES (5 FOOT OF FEACH SIDE) OF ALL LOTS (UNLESS SHOWN OTHERWISE) AND A 10 FOOT DRAINAGE CASEMENT ALONG ALL SIDE LOT LUNES (5 FOOT OF FEACH SIDE).

5. MINIMUM PRISHED FLOOR ELEVATION SHALL BE 18' ADDUCT THE FARHOOF BUILDING DESETHEST FOOT SECTION FROUGHERMENT.

8. ALL ACCESS STREETS TO ADJACENT PROPERTIES THAT ARE NOT CONNECTED AT THE TIME OF THE IMPROVEMENTS SHALL BE POSTED WITH A STOP SIGN BLANK READING "FUTURE THROUGH STREET".

GENERAL NOTES:

- 1. THERE MAY BE RECORDED OR UNRECORDED DEEDS, EASEMENTS, RIGHT-OF-WAYS, OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OF SAID PROPERTIES.

 2. THERE WAS NO ATTEMPT TO DETERMINE THE EXISTENCE, LOCATION, OR EXTENT OF ANY SUB-SURFACE FEATURES.

 3. THE LINES REPRESENTING THE CENTERLINE AND RIGHT-OF-WAYS OF THE STREETS ARE SHOWN FOR VISUAL PURPOSES ONLY AND WERE NOT SURVEYED UNLESS RIGHT-OF-WAY MONUMENTATION IS ALSO SHOWN.

 4. SURVEY WAS CONDUCTED ON AUGUST AND SEPTEMBER 2020, AND IS RECORDED IN AN ELECTRONIC FIELD BOOK.
- TRAVERSES, AND ARE BASED ON STATE PLANE GRID, ALABAMA WEST ZONE USING GPS
- OBSERVATIONS.

 6. ELEVATIONS SHOWN HEREON ARE RELATED TO MEAN SEA LEVEL, BASED ON N.A.V.D.
 1988 DATUM.
 NO TITLE SEARCH OR REPORT WAS PROVIDED FOR THIS SURVEY.
 THIS SURVEY HAS BEEN COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE
 STANDARDS OF PRACTICE FOR SURVEYING IN THE STATE OF ALABAMA, EFFECTIVE JANUARY

B.S.L. = BUILDING SETBACK LINE

(R) = RECORD BEARING/DISTANCE

CRF = CAPPED REBAR FOUND

COS = CAPPED REBAR SET

OCHPIED OF FINE

OCHPIED OF F € = 0AK = HICKORY
= PECAN

SWEETGUM = SWEETGUM

I HEREBY STATE THAT ALL PARTS OF THIS SURVEY AND DRAWING HAVE BEEN COMPLETED IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR SURVEYING IN THE STATE OF ALABAMA TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF.

THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF.

COMMENCE AT A RAILROAD SPIKE AT THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 14, TOWNSHIP 6 SOUTH RANGE 2 EAST, BALDWIN COUNTY, ALABAMA, AND RUN THENCE SOUTH 00 DEGREES 20 MINUTES 38 SECONDS WEST, A DISTANCE OF 40.00 FEET TO A CAPPED REBBAR (FAIRHOPE) ON THE SOUTH RIGHT-OF-MAY OF FAIRHOPE AVENUE, SAID POINT ALSO BEING THE NORTHEAST CORNER OF RIVER MILL UNIT 1, AS SHOWN BY MAP OR PLAT THEREOF RECORDED AT SLIDE 1541-B, BALDWIN COUNTY PROBATE RECORDS, FOR THE POINT OF BEGINNING; CONTINUE THENCE SOUTH 00 BEGREES 20 MINUTES 38 SECONDS WEST, ALONG THE WEST LINE OF SAID RIVER MIL UNIT 1, A DISTANCE OF 53.2.55 FEET TO A CAPPED REBAR (MOORE); THENCE RUN SOUTH OD DEGREES 20 MINUTES OF SOUTHON BY SECONDS WEST, CONTINUING ALONG SAID WEST LINE OF RIVER MILL, A DISTANCE OF 751.65 FEET TO A CAPPED REBAR (FAIRHOPE); THENCE RUN SOUTH OD DEGREES 19 MINUTES OI SECONDS EAST, A DISTANCE OF 104.14 FEET TO A CAPPED REBAR (FAIRHOPE) ON THE AFOREMENTIONED SOUTH R9 DEGREES 47 MINUTES 51 SECONDS WEST, A DISTANCE OF 104.14 FEET TO A CAPPED REBAR (FAIRHOPE) ON THE AFOREMENTIONED SOUTH R9 DEGREES 47 MINUTES 51 SECONDS WEST, ALONG SAID SOUTH RIGHT-OF-WAY, A DISTANCE OF 104.47 FEET TO THE POINT OF BEGINNING. TRACT CONTAINS 30.70 ACRES, MORE OR LESS.

08-15-2021

SURVEY NOT VALID WITHOUT ORIGINAL SIGNATURE AND SEAL.



OVERLAND DIVISION

BOUNDARY & PLAT OF SUBDIVISION

68V PAYDIRT, LLC



DRAWN RDC DED PROJ MGR DED SCALE 1"=100' PROJECT 20200781 2 LOT SHEET 1 OF 1

DATED THIS THE ______ DAY OF ___ BY: ____

CERTIFICATE OF NOTARY PUBLIC:

NOTARY PUBLIC IN AND FOR SAID COUNTY, IN SAID STATE, HEREBY CERTIFY THAT
OWNER OF THE LANDS PLATTED HEREBON IS SIGNED TO THE FOREGOND INSTRUMENT, AND WHO IS KNOWN TO ME, ACKNOWLEDGED BEFORE WE ON HIS DAY THAT, BEING INFORMED OF THE CONSTRUCT OF THE INSTRUMENT, AND IN THEIR CAPACITY AS SUCH OWNER AND WITH FULL AUTHORITY, EXECUTED THE SAIM YOUNGHAMEN,

NOTARY PUBLIC MY COMMISSION EXPIRES

THIS PLAT HAS BEEN SUBMITTED TO AND CONSIDERED BY THE CITY PLANNING COMMISSION OF FAIRHORE, ALABAMA, AND IS APPROVED BY SUCH COMMISSION.

THE CITY OF FAIRHOPE PLANNING COMMISSION

CERTIFICATE OF APPROVAL BY CITY OF FAIRHOPE UTILITIES (WATER):

FLOOD CERTIFICATE: PROPERTY LIES IN FLOOD ZONE "X",
"X-SHADED", "AE" AND A FLOODWAY AS SCALED
FROM FLOOD INSURANCE RATE MAP NUMBER
01003C0664M, COMMUNITY NUMBER 015000,

PANEL 0664, SUFFIX "M", DATED APRIL 19, 2019.

AUTHORIZED REPRESENTATIVE

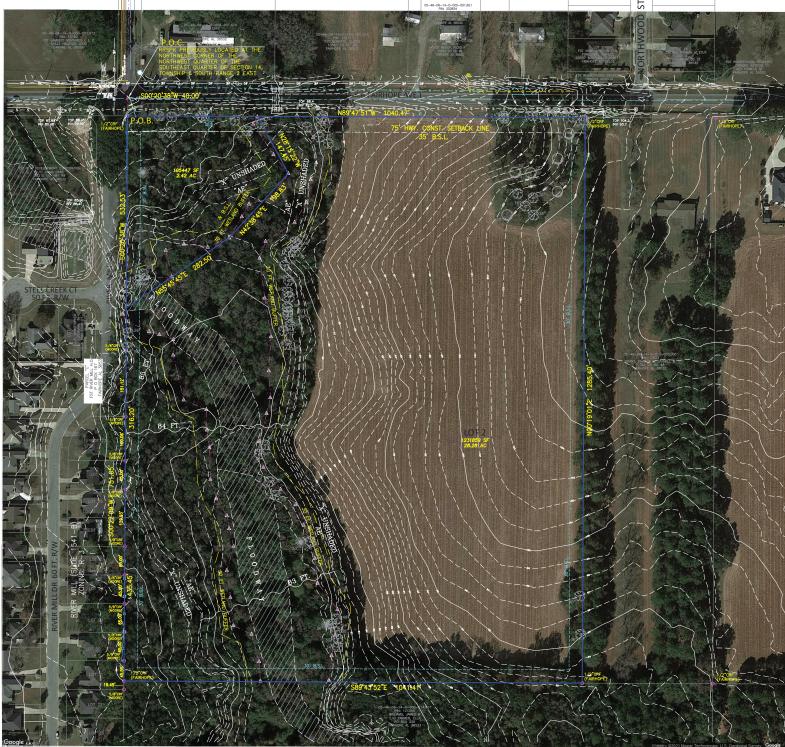
CERTIFICATE OF APPROVAL BY BALDWIN E.M.C.

AUTHORIZED REPRESENTATIVE

CERTIFICATE OF APPROVAL BY AT&T

THE UNDERSIGNED, AS AUTHORIZED BY BALDWIN EMC HEREBY APPROVES THE WITHIN PLAT FOR THE RECORDING OF SAME IN THE PROBATE OFFICE OF BALDWIN COUNTY, ALABAMA, THIS ______ DAY

CERTIFICATE OF APPROVAL BY CITY OF FAIRHOPE UTILITIES (SEWER):





VICINITY MAP

ROBERTA U. HARRIS, STEPHEN JOHN LIRBANEK IL AND MARGARET LIRBANEK DUNNAM 10824 U.S. HWY 98 FAIRHOPE AL 36532

DEVELOPER 68V PAYDIRT, LLC 29891 WOODROW LANE, SUITE 300 SPANISH FORT AL 36527

PARCEL NO: 05-46-06-14-0-000-002.000

SITE DATA

CURRENT ZONING: P.U.D. LIN. FT. STREETS: EXIST. TOTAL LOTS: 2 DENSITY: 0.07 / AC SMALLEST LOT: 2.42 AC. LARGEST SF LOT: 28.28 AC COMMON AREAS: 8.34 AC (53%) TOTAL AREA: 30.70 AC

REQUIRED SETBACKS: FRONT: 35 FEET REAR: 30 FEET SIDE: 30 FEET SIDE STREET: N/A

WATER SERVICE: CITY OF FAIRHOPE SEWER SERVICE: CITY OF FAIRHOPE ELECTRIC SERVICE: BALDWIN EMC TELEPHONE SERVICE: AT&T

LEGEND: = HICKORY

SWEETGUM

GENERAL NOTES:

GENERAL NOTES:

1. FOR THE LOCATION OF ALL UTILITIES, SEE CONSTRUCTION PLANS.

2. STORMWATER DETENTION SHALL BE PROVIDED FOR EACH PHASE OF THE DEVELOPMENT AS PER APPROVED DIF OR EACH PHASE OF THE DEVELOPMENT AS PER APPROVED DIF OF THE DEVELOPMENT AS PER APPROVED DIFF.

3. THERE IS DEDICATED HERRWITH A 10 FOOT UTILITY EASEMENT (A FILE ACK) SIDO; ON ALL LOT LINES AND A 10 FOOT UTILITY EASEMENT (ALONG COMMON AREAS ADJACENT TO THE RIGHT-OF-WAYS AND COMMON AREA LINES, UTILIESS OTHERWISE NOTED.

4. THERE IS DEDICATED HERRWITH A 15 FOOT DRAINAGE EASEMENT (7.5' EACH SIDD; ALONG THE REAR LOT LINES OF ALL LOTS (UNLESS SHOWN OTHERWISE) AND A 10 FOOT DRAINAGE EASEMENT ALONG ALL SIDE LOT LINES (5 FOOT OF FEACH SIDD; OF ALL LOTS (UNLESS SHOWN DITHERWISE) AND A 10 FOOT DRAINAGE EASEMENT ALONG ALL SIDE LOT LINES (5 FOOT OF FEACH SIDE) OF ALL LOTS (UNLESS SHOWN DITHERWISE) AND A 10 FOOT DRAINAGE EASEMENT ALONG ALL SIDE LOT LINES (5 FOOT OF FEACH SIDE) OF ALL LOTS (UNLESS SHOWN DITHERWISE) AND A 10 FOOT DRAINAGE EASEMENT ALONG ALL SIDE LOT LINES (5 FOOT OF FEACH SIDE) OF ALL LOTS (UNLESS SHOWN DITHERWISE) AND A 10 FOOT DRAINAGE EASEMENT ALONG ALL SIDE LOT SHOWN DITHERWISE AND A 10 FOOT DRAINAGE EASEMENT ALONG ALL SIDE LOT SHOWN DITHERWISE AND A 10 FOOT DRAINAGE EASEMENT ALONG ALL SIDE LOT SHOWN DITHERWISE AND A 10 FOOT DRAINAGE EASEMENT ALONG ALL SIDE LOT SHOWN DITHERWISE AND A 10 FOOT DRAINAGE EASEMENT ALONG THE PARTON OF SHOWN DITHERWISE AND A 10 FOOT DRAINAGE EASEMENT ALONG ALL SHOWN DITHERWISE AND A 10 FOOT DRAINAGE AND A 10 FOOT DRAINAGE ASSEMENT ALONG ALL SHOWN DITHERWISE AND A 10 FOOT DRAINAGE ASSEMENT ALONG AND

SURVEYOR'S NOTES:

- 1. THERE MAY BE RECORDED OR UNRECORDED DEEDS, EASEMENTS, RIGHT-OF-WAYS, OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OF SAID PROPERTIES.

 2. THERE WAS NO ATTEMPT TO DETERMINE THE EXISTENCE, LOCATION, OR EXTENT OF ANY SUB-SURFACE FEATURES.

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- ELECTION PIELD BOUK.

 BEARINGS AND DISTANCES SHOWN HEREON WERE "COMPUTED" FROM ACTUAL FIELD
 TRAVERSES, AND ARE BASED ON STATE PLANE GRID, ALABAMA WEST ZONE USING GPS
 OBSERVATIONS.

- OBSERVATIONS.

 6. ELEVATIONS SHOWN HEREON ARE RELATED TO MEAN SEA LEVEL, BASED ON N.A.V.D. 1988 DATUM.

 NO TITLE SEARCH OR REPORT WAS PROVIDED FOR THIS SURVEY.

 THIS SURVEY HAS BEEN COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR SURVEYING IN THE STATE OF ALBAMA, EFFECTIVE JANUARY 1, 2017.

SURVEYOR'S CERTIFICATE

I HEREBY STATE THAT ALL PARTS OF THIS SURVEY AND DRAWING HAVE BEEN COMPLETED IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR SURVEYING IN THE STATE OF ALABAMA TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELLEF.

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SURVEY NOT VALID WITHOUT ORIGINAL SIGNATURE AND SEAL.

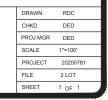


OVERLAND DIVISION

BOUNDARY & PLAT OF SUBDIVISION

68V PAYDIRT, LLC





CERTIFICATE OF OWNERSHIP

DATED	THIS	THE	 DAY	OF	
BY: OW	NER		 		

CERTIFICATE OF NOTARY PUBLIC:

SAID STATE, HEREBY CERTIFY THAT
OWNER OF THE LANDS PLATTED HEREON IS SIGNED TO THE FOREGOING
INSTRUMENT, AND WHO IS KNOWN TO ME, ADKNOWLEDGED BEFORE WE ON
THIS DAY THAT, SEENS INFORMED OF THE CONTENT OF THE INSTRUMENT,
AND IN THEIR CAPACITY AS SUCH OWNER AND WITH PULL AUTHORITY.
EXCULTED THE SAME YOULD THAT

NOTARY PUBLIC MY COMMISSION EXPIRES

RIVER MILL ADJ. OWNERS LOT 23

LOT 27

LOT 28

LOT 30

LOT 31

THE UNDERSIGNED, AS AUTHORIZED BY BALDWN EMC HEREBY APPROVES THE WITHIN PLAT FOR THE RECORDING OF SAME IN THE PROBATE OFFICE OF BALDWIN COUNTY, ALABAMA, THIS ______ DAY

AUTHORIZED REPRESENTATIVE

THE UNDERSIGNED, AS AUTHORIZED BY AT&T HEREBY APPROVES THE WITHIN PLAT FOR THE RECORDING OF SAME IN THE PROBATION OFFICE OF BALDWIN COUNTY, ALABAMA, THIS ______ DAY OF 2021.

CERTIFICATE OF APPROVAL BY CITY OF FAIRHOPE UTILITIES (SEWER):

CERTIFICATE OF APPROVAL BY BALDWIN E.M.C.

CERTIFICATE OF APPROVAL BY AT&T

AUTHORIZED REPRESENTATIVE

CERTIFICATE OF APPROVAL BY THE FAIRHOPE PLANNING DIRECTOR

THE CITY OF FAIRHOPE PLANNING COMMISSION

CERTIFICATE OF APPROVAL BY CITY OF FAIRHOPE UTILITIES (WATER):

FLOOD CERTIFICATE: PROPERTY LIES IN FLOOD ZONE "X",
"X-SHADED", "AE" AND A FLOODWAY AS SCALED
FROM FLOOD INSURANCE RATE MAP NUMBER
01003C0664M, COMMUNITY NUMBER 015000, PANEL 0664, SUFFIX "M", DATED APRIL 19, 2019.



September 2, 2020

Joe Everson c/o Terra Core Development 29891 Woodrow Lane, Suite 300 Spanish Fort, AL 36527 john@terracoredev.com joe@terracoredev.com

Re: Wetland Delineation – County Rd 48, +/- 29.99 acres Baldwin County Parcel: 46-06-14-0-000-002.000

Dear Mr. Everson:

Biome Consulting Group, LLC (Biome) has completed a jurisdictional wetlands and waters assessment of the above referenced property. Our wetland assessment included an analysis of vegetative cover and makeup, wetland hydrology indicators and hydric soil indicators in accordance with federal, Army Corps of Engineers (COE), procedural guidelines.

The site was found to contain approximately 5.11-acres of wetlands within the jurisdiction of federal agencies. The jurisdictional boundaries were alphanumerically flagged with pink surveyor's tape, located via Trimble Geo7x GPS, and is depicted on the enclosed map using ArcMap 10.5 software. The following is a brief, technical summary of our findings relative to the regulatory agencies' potential involvement with this property:

U.S. ARMY CORPS OF ENGINEERS

Technical guidelines outlined in the US Army Corps of Engineers Wetlands Delineation Manual (1987) were applied in the field for determining the presence and location of jurisdictional wetlands on the above referenced lot. The on-site reconnaissance was conducted by walking multiple transects throughout the lot. The following technical details support our location of the jurisdictional boundary:

- 1. **General Observations**: The site is a parcel adjacent to a residential subdivision and undeveloped areas;
- 2. **Vegetation:** The upland area is dominated longleaf pine, live oak, water oak, tung tree, bracken fern, and ebony spleenwort, and the wetland area is dominated by sweetbay magnolias, swamp gum, sweetgum, tung tree, netted chain fern, and cinnamon fern;
- 3. **Soils:** According to the NRCS soil map, the peri-jurisdictional area is underlain by Bibb (hydric), Magnolia (non-hydric), Norfolk (non-hydric), Grady (hydric), Faceville (non-hydric), and Dorovan

(hydric), which was confirmed by on-site soil pit excavation. The **A5 Stratified Layers** indicator was present below the jurisdictional boundary and absent above;

4. **Hydrology:** Indicators of wetland hydrology observed on site include buttressing and rack debris.

All of the parameters necessary for the COE to exert jurisdiction were present in that portion of the property identified as wetland. Section 404 of the Clean Water Act (33 USC 1344) requires authorization from the Secretary of the Army, acting through the COE, for the discharge of dredged or fill material into all waters of the United States, including wetlands. Discharges of fill material generally include, without limitation: placement of fill that is necessary for the construction of any structure, or impoundment requiring rock, sand, dirt, or other material for its construction; site-development fills for recreational, industrial, commercial, residential, and other uses; causeways or road fills; dams and dikes; artificial islands; property protection or reclamation devices such as riprap, groins, seawalls, breakwaters, and revetments; beach nourishment; levees; fill for intake and outfall pipes and subaqueous utility lines; fill associated with the creation of ponds; and any other work involving the discharge of fill or dredged material. A COE permit is required whether the work is permanent or temporary.

The basic premise of the dredge and fill program is that no discharge of dredged or fill material may be permitted if: (1) a practicable alternative exists that is less damaging to the aquatic environment or (2) the nation's waters would be significantly degraded. What this means is when you apply for a permit, you must show that you have, to the extent practicable:

- Reasonably avoided all wetland impacts;
- Minimized potential impacts on wetlands; and
- Provide compensation for any remaining unavoidable impacts.

CONCLUSION

Based on our thorough assessment, we have concluded that 24.88-acres of the target property is upland with 5.11-acres of wetlands and other waters within the jurisdiction of the COE. Any proposal to develop the wetland portion of the property will require permits from the agency. We note that these calculations are based on an inspection boundary approximated from the county property appraiser depiction of the property boundary. An actual boundary survey may result in slightly different calculations.

A wetland delineation performed by an ecological consultant represents the professional opinion of the scientist that performed the work. Only the regulatory agencies can establish a legal and binding jurisdictional boundary. Such can be obtained by submitting a permit application and waiting several months for processing. For the purposes of local government permitting (e.g. building permit) this letter should suffice.

This report is intended for the sole use by the above listed addressee. Its contents may not be relied upon by other parties without the written consent of Biome Consulting Group.

This concludes our assessment of the target property. If you require additional information, assistance, or clarification, please give us a call at 850.435.9367. We look forward to being of assistance to you in the future.

Sincerely,

Biome Consulting Group

Sean O'Toole

Ecological Consultant

Partner

2238.013 Co Rd 48

Attachment: Wetland Jurisdiction Map





FIRE FLOW TEST REPORT

Project:	Overland				
Engineer:	Larry Smith	m.	0.20.175		
Date:	3/4/2021	Tim	ne: 9:30 AM		
FLOW HYDRA	NT				
Hydrant Loc	eation: Intersecti	on of CR48	and Blueberry I	ane	
Size of Watern	nain, In.: 8			Material:	PVC
Pitot, PSI:	45		Obse	erved Flow, GPM:	1,125
Q _R , Calculated	Fire Flow @ 20 PSI:	9,100			
TEST HYDRAN	T (RESIDUAL)				
Hydrant Lo	cation: CR48 in f	ront of the v	vater tower.		
Size of Waterr	nain, In.: 8		Material:	PVC	
Static PSI:	68		Residual:	67	
$Q_F = Total test flow$	1		1,125		
H _R = Static Pressur	e minus 20 psi		48		
H _F = Static Pressure	e minus Residual Pressure	•	1		
$Q_R = Q_F \times (H_R / H_F)$ Where:	0.54				
Q _R = Rated Capacit	y at 20 psi (in GPM)		9,100	GPM	
	ire Flow exceeds the	e required 1		GFM ABA	

A LARRY MANAGEMENT OF THE PARTY OF THE PARTY



August 24, 2021

Hunter Simmons Fairhope Planning Department 555 S. Section Street Fairhope, AL 36532

Re: Overland Subdivision - Traffic Letter

Dear Hunter:

This letter is to serve as back up information as to why a Traffic Impact Study is not warranted for this project. According to the subdivision regulations a traffic impact study is required if a project will increase the average daily traffic by 1,000 trips or generate 50 trips or more during any peak hour period. Attached is the ITE Trip Generation Report. The proposed development will consist of 16 townhome units. When plugging 16 townhomes into the ITE Trip Generation Report, we come up with 93 daily trips and 8 peak hour trips. This does not meet the threshold for a traffic study. Please refer to the attached ITE Trip Generation Report.

If you have any questions, please let me know.

Sincerely,

Larry Smith, PE larry@secivil.pro

Instructions:

Trip Generation Rates from the 8th Edition ITE Trip Generation Report

Enter Numbers into the <u>"Expected Units"</u> in the Corresponding Yellow Column

NA: Not Available KSF^{2:} Units of 1,000 square feet

DU: Dwelling Unit Fuel Position: # of vehicles that could be fueled simultaneously

Occ.Room: Occupied Room

	Occ.Room: Occupied No			<u> </u>						
Description / ITE Code	Units	Rate Weekday Daily Traffic	PM Peak Period Rate	% PM In	% PM Out	Expected Units (independent variable)		PM Peak Trips - Total	PM In	PM Out
Waterport/Marine Terminal 010	Berths	171.52	NA	NA	NA		0	NA	NA	NA
Commercial Airport 021	Employees	13.40	0.80	54%	46%		0	0	NA	NA
Commercial Airport 021	Avg Flights/Day	104.73	5.75	56%	44%		0	0	NA	NA
Commercial Airport 021	Com. Flights/Day	122.21	6.88	54%	46%		0	0	NA	NA
General Aviation Airport 022	Employees	14.24	1.03		55%		0	0	NA	NA
General Aviation Airport 022	Avg. Flights/Day	1.97	NA		NA		0	NA	NA	NA
General Aviation Airport 022	Based Aircraft	5.00	0.37		55%		0	0	NA	NA
Truck Terminal 030	Acres	81.90	6.55		57%		0		NA	NA
Park&Ride w/ Bus Service 090	Parking Spaces	4.50	0.62		78%		0		NA	NA
Park&Ride w/ Bus Service 090	Occ. Spaces	9.62	0.81	28%	72%		0		NA	NA
Light Rail Station w/ Park 093	Parking Space	2.51	1.24		42%		0	0	NA	NA
Light Rail Station w/ Park 093	Occ. Spaces	3.91	1.33	58%	42%		0	0	NA	NA
General Light Industrial 110	KSF ²	6.97	0.97	12%	88%		0	0	NA	NA
General Light Industrial 110	Employees	3.02	0.42		79%		0		NA	NA NA
	KSF ²		0.68		NA		0	0	NA	NA
General Heavy Industrial 120 General Heavy Industrial 120		1.50 0.82	0.88		NA NA		0	0	NA NA	NA NA
	Employees KSF ²									
Industrial Park 130		6.96	0.86		79%		0	0	NA	NA
Industrial Park 130	Employees	3.34	0.46	20%	80%		0	0	NA	NA
Manufacturing 140	KSF ²	3.82	0.74	36%	64%		0	0	NA	NA
Manufacturing 140	Employees	2.13	0.36	44%	56%		0	0	NA	NA
Warehousing 150	KSF ²	3.56	0.32	25%	75%		0	0	NA	NA
Warehousing 150	Employees	3.89	0.59	35%	65%		0	0	NA	NA
Mini Warehouse 151	KSF ²	2.50	0.26	51%	49%		0	0	NA	NA
Mini Warehouse 151	Storage Units	0.25	0.02	NA	NA		0	0	NA	NA
Mini Warehouse 151	Employees	61.90	6.04	52%	48%		0	0	NA	NA
High-Cube Warehouse 152	KSF ²	1.44	0.10	33%	67%		0	0	NA	NA
High-Cube Warehouse 152	Employees	NA	0.66	35%	65%		0	0	NA	NA
Utilities 170	KSF ²	NA	0.76	45%	55%		0	0	NA	NA
Utilities 170	Employees	NA	0.76		10%		0	0	NA	NA
Single Family Homes 210	DU	9.57	1.01	63%	37%		0	0	NA	NA
Single Family Homes 210	Vehicles	6.02	0.67	66%	34%		0	0	NA	NA
Apartment 220	DU	6.65	0.62	65%	35%		0	0	NA	NA
Apartment 220	Persons	3.31	0.40	NA	NA		0	0	NA	NA
Apartment 220	Vehicles	5.10	0.60	NA	NA		0	0	NA	NA
Low Rise Apartment 221	Occ.DU	6.59	0.58	65%	35%		0	0	NA	NA
High Rise Apartment 222	DU	4.20	0.35		39%		0	0	NA	NA
Mid-Rise Apartment 223	DU	NA	0.39		42%		0		NA	NA
Rental Townhouse 224	DU	NA	0.72		49%		0		NA	NA
Resd. Condo/Townhouse 230	DU	5.81	0.52		33%	16.0	93	8	6	3
Resd. Condo/Townhouse 230	Persons	2.49	0.24	67%	33%		0	0	NA	NA
Low Rise Resd. Condo 231	DU	NA	0.78		42%		0		NA	NA
High Rise Resd. Condo 232	DU	4.18	0.38		38%		0		NA	NA
Luxury Condo/Townhouse 233	Occ. DU	NA	0.55		37%		0	0	NA	NA
Mobile Home Park 240	DU	4.99	0.59	62%	38%		0	0	NA	NA

						-		-		
Mobile Home Park 240	Persons	2.46		63%	37%		0	0	NA	NA
Retirement Community 250	DU	NA	0.27	56%	44%		0	0	NA	NA
Elderly Housing-Detached 251	DU	3.71	0.27	61%	39%		0	0	NA	NA
Congregate Care Facility 253	Occ.DU	2.15		56%	44%		0	0	NA	NA
Elderly Housing- Attached 252	Occ.DU	3.48		60%	40%		0	0	NA	NA
Recreational Homes 260	DU	3.16		41%	59%		0	0	NA	NA
Residential PUD 270	DU	7.50		65%	35%		0	0	NA	NA
Hotel 310	Occ. Room	8.92		49%	51%		0	0	NA	NA
Hotel 310	Rooms	8.17		53%	47%		0	0	NA	NA
Hotel 310	Employees	14.34		54%	46%		0	0	NA	NA
All Suites Hotel 311	Occ.Room	6.24		42%	58%		0	0	NA	NA
All Suites Hotel 311	Rooms	4.90		45%	55%		0	0	NA	NA
Business Hotel 312	Occ. Room	7.27		60%	40%		0	0	NA	NA
Business Hotel 312	Employees	72.67		60%	40%		0	0	NA	NA
Motel 320	Occ.Room	9.11	0.58	53%	47%		0	0	NA	NA
Motel 320	Rooms	5.63		54%	46%		0	0	NA	NA
Motel 320	Employees	12.81	0.73	54%	46%		0	0	NA	NA
Resort Hotel 330	Occ. Room	13.43		43%	57%		0	0	NA	NA
Resort Hotel 330	Rooms	NA	0.42	43%	57%		0	0	NA	NA
City Park 411	Picinic Sites	5.87		NA	NA		0	NA	NA	NA
County Park 412	Acres	2.28		41%	59%		0	0	NA	NA
State Park 413	Picnic Sites	9.95		43%	57%		0	0	NA	NA
State Park 413	Employees	NA	4.67	43%	57%		0	0	NA	NA
Water Slide Park 414	Parking Space	2.27	NA	NA	NA		0	NA	NA	NA
Beach Park 415	Acres	29.81	1.30	29%	71%		0	0	NA	NA
Campground/RV Park 416	Acres	74.38	0.39	NA	NA		0	0	NA	NA
Regional Park 417	Picnic Sites	61.82	9.60	41%	59%		0	0	NA	NA
Regional Park 417	Employees	79.77	10.26	45%	55%		0	0	NA	NA
National Monument 418	Employees	31.05	5.58	NA	NA		0	0	NA	NA
Marina 420	Berths	2.96	0.19	60%	40%		0	0	NA	NA
Golf Course 430	Employees	20.52	1.48	48%	52%		0	0	NA	NA
Golf Course 430	Holes	35.74	2.78	45%	55%		0	0	NA	NA
Minature Golf Course 431	Holes	NA	0.33	33%	67%		0	0	NA	NA
Golf Driving Range 432	Tees	NA	1.25	45%	55%		0	0	NA	NA
Multipurpose Rec. Facility 435	Acres	90.38	5.77	NA	NA		0	0	NA	NA
Live Theater 441	Seats	NA	0.02	50%	50%		0	0	NA	NA
Movie Theater w/o matinee 443	KSF ²	78.06	6.16	94%	6%		0	0	NA	NA
Movie Theater w/o matinee 443	Movie Screens	220.00	24.00	41%	59%		0	0	NA NA	NA
Movie Theater w/o matinee 443	Seats	1.76		75%	25%		0	0	NA NA	NA NA
Movie Theater w/o matinee 443	Employees	53.12		NA	NA		0	0	NA NA	NA NA
	KSF ²						0	0	+	
Movie Theater w/ matinee 444	1.2.	NA 150 00	3.80	64%	36%				NA	NA
Movie Theater w/ matinee 444	Movie Screens	153.33		40%	60%		0	0	NA	NA
Movie Theater w/ matinee 444	Seats	NA	0.14	53%	47%		0	0	NA	NA
Horse Track 452	Employees	2.60	NA	50%	50%		0	NA	NA	NA
Dog Track 454	Attendees	1.09		66%	34%		0	0	NA	NA
Arena 460	Employees	10.00	NA	50%	50%		0	NA	NA	NA
Ice Rink 465	Seats	1.26		NA	NA		0	0	NA	NA
Casino/Video Lottery Establishment 473	KSF ²	NA	13.43	56%	44%		0	0	NA	NA
Amusement Park 480	Employees	8.33	0.50	61%	39%		0	0	NA	NA
Zoo 481	Acres	114.88		50%	50%		0	NA	NA	NA
Zoo 481	Employees	23.93		50%	50%		0	NA	NA	NA
Tennis Courts 490	Courts	31.04		NA	NA		0	0	NA	NA
	Employees	66.67		NA	NA		0	0	NA NA	NA
Tennis Courts 490		- 5.0.								NA
Tennis Courts 490 Racquet Club 491		38.70	3.35	NA	NA		()	()	NAI	INAI
Racquet Club 491	Courts	38.70		NA NA	NA NA		0	0	NA NA	
Racquet Club 491 Racquet Club 491	Courts KSF ²	14.03	1.06	NA	NA		0	0	NA	NA
Racquet Club 491	Courts		1.06 4.95	NA NA					+	

	Lucs2						1	1	1
Bowling Alley 494	KSF ²	33.33	3.54	35%	65%	0	0	NA	NA
Recreational Com. Center 495	KSF ²	22.88	1.45	37%	63%	0	0	NA	NA
Recreational Com. Center 495	Employees	27.25	3.16	44%	56%	0	0	NA	NA
Military Base 501	Employees	1.78	0.39	NA	NA	0	0	NA	NA
Elementary School 520	Students	1.29	0.15	49%	51%	0	0	NA	NA
Elementary School 520	KSF ²	15.43	1.21	45%	55%	0	0	NA	NA
Elementary School 520	Employees	15.71	1.81	49%	51%	0	0	NA	NA
Private School (K-12) 536	Students	2.48	0.17	43%	57%	0	0	NA	NA
Middle/ JR. High School 522	Students	1.62	0.16	49%	51%	0	0	NA	NA
Middle/ JR. High School 522	KSF ²	13.78	1.19	52%	48%	0	0	NA	NA
High School 530	Students	1.71	0.13	47%	53%	0	0	NA	NA
High School 530	KSF ²	12.89	0.97	54%	46%	0	0	NA	NA
High School 530	Employees	19.74	1.55	54%	46%	0	0	NA	NA
Junior/ Comm. College 540	Students	1.20	0.12	64%	36%	0	0	NA	NA
Junior/ Comm. College 540	KSF ²	27.49	2.54	58%	42%	0	0	NA	NA
Junior/ Comm. College 540	Employees	15.55	1.39	58%	42%	0	0	NA	NA
University/College 550	Students	2.38	0.21	30%	70%	0	0	NA	NA
University/College 550	Employees	9.13	0.88	29%	71%	0	0	NA	NA
Church 560	KSF ²	9.11	0.55	48%	52%	0	0	NA	NA
Synagogue 561	KSF ²	10.64	1.69	47%	53%	0	0	NA	NA
Daycare Center 565	KSF ²	79.26	12.46	47%	53%	0	0	NA	NA
Daycare Center 565	Students	4.48	0.82	47%	53%	0	0	NA	NA
Daycare Center 565	Employees	28.13	4.79	47%	53%	0	0	NA	NA
Cemetery 566	Employees	58.09	7.00	33%	67%	0	0	NA	NA
Prison 571	KSF ²	NA	2.91	NA	NA	0	0	NA	NA
Prison 571	Employees	NA	0.23	28%	72%	0	0	NA	NA
Library 590	KSF ²	56.24	7.30	48%	52%	0	0	NA	NA
Library 590	Employees	52.52	5.40	47%	53%	0	0	NA	NA
Lodge/Fraternal Organization 591	Members	0.29	0.03	NA	NA	0	0	NA	NA
Lodge/Fraternal Organization 591	Employees	46.90	4.05	NA	NA	0	0	NA	NA
Hospital 610	KSF ²	16.50	1.14	42%	58%	0	0	NA	NA
Hospital 610	Beds	11.81	1.31	36%	64%	0	0	NA	NA
Hospital 610	Employees	5.20	0.33	31%	69%	0	0	NA	NA
Nursing Home 620	Beds	2.37	0.22	33%	67%	0	0	NA	NA
Nursing Home 620	Employees	4.03	NA	26%	74%	0	NA	NA	NA
Clinic 630	KSF ²	31.45	5.18	NA	NA	0	0	NA	NA
Clinic 630	Employees	7.75	1.23	41%	59%	0	0	NA	NA
General Office 710 (Equation)	KSF ²	Equation	Equation	17%	83%	0	0	NA	NA
General Office 710	KSF ²	11.01	1.49	17%	83%	0	0	NA	NA
Corporate Headquarters 714	KSF ²	7.98	1.40	10%	90%	0	0	NA	NA
Corporate Headquarters 714	Employees	7.98	1.40	10%	90%	0	0	NA	NA
Single Tenant Office Bldg 715	KSF ²	11.57	1.72	15%	85%	0	0	NA	NA
Single Tenant Office Bldg 715	Employees	3.62	0.50	15%	85%	0	0	NA	NA
Medical Dental Office 720	KSF ²	36.13	3.46	27%	73%	0	0	NA	NA
Medical Dental Office 720	Employees	8.91	1.06	34%	66%	0	0	NA	NA
Government Office Building 730	KSF ²	68.93	1.21	31%	69%	0	0	NA	NA
Government Office Building 730	Employees	11.95	1.91	74%	26%	0	0	NA	NA
State Motor Vehicles Dept. 731	KSF ²	166.02	17.09	NA	NA	0	0	NA	NA
State Motor Vehicles Dept. 731	Employees	44.54	4.58	NA	NA	0	0	NA	NA
US Post Office 732	KSF ²	108.19	11.12	51%	49%	0	0	NA	NA
US Post Office 732	Employees	28.32	2.84	51%	49%	0	0	NA NA	NA NA
00 1 031 011106 732	Linbiolises	20.32	2.04	J1/0	43/0	U	U	INA	INA

Gov. Office Complex 733	KSF ²	27.92	2.85	31%	69%	0	0	NA	NA
Gov. Office Complex 733	Employees	7.75	0.79	31%	69%	0	0	NA NA	NA NA
R&D Center 760	KSF ²	8.11	1.07	15%	85%	0	0	NA	NA
R&D Center 760	Employees	2.77	0.41	10%	90%	0	0	NA NA	NA NA
Building Materials/Lumber 812	KSF ²	45.16	4.49	47%	53%	0	0	NA	NA
Building Materials/Lumber 812	Employees	32.12	2.77	51%	49%	0	0	NA NA	NA NA
Free-Standing Discount Superstore 813	KSF ²	53.13	4.61	49%	51%	0	0	NA	NA
Free-Standing Discount Store 815	KSF ²	57.24	5.00	50%	50%	0	0	NA	NA
Free-Standing Discount Store 815	Employees	28.84	3.48	50%	50%	0	0	NA	NA
Hardware/Paint Store 816	KSF ²	51.29	4.84	47%	53%	0	0	NA	NA
Hardware/Paint Store 816	Employees	53.21	5.05	NA	NA	0	0	NA	NA
Nursery (Garden Center) 817	KSF ²	36.08	3.80	NA	NA	0	0	NA	NA
Nursery (Garden Center) 817	Employees	22.13	1.99	NA	NA	0	0	NA	NA
Nursery (Wholesale) 818	KSF ²	39.00	5.17	NA	NA	0	0	NA	NA
Nursery (Wholesale) 818	Employees	23.40	0.47	NA	NA	0	0	NA	NA
Shopping Center 820 (Equation)	KSF ²	Equation	Equation	49%	51%	0	0	NA	NA
Shopping Center 820 Rate	KSF ²	42.94	3.37	49%	51%	0	0	NA	NA
Factory Outlet Center 823	KSF ²	26.59	2.29	47%	53%	0	0	NA	NA
Quality Restaurant 931	KSF ²	89.95	7.49	67%	33%	0	0	NA	NA
Quality Restaurant 931	Seats	2.86	0.26	67%	33%	0	0	NA	NA
High Turnover/Sit Down Rest 932	KSF ²	127.15	11.15	59%	41%	0	0	NA	NA
High Turnover/Sit Down Rest 932	Seats	4.83	0.41	57%	43%	0	0	NA	NA
Fast Food w/o Drive Thru 933	KSF ²	716.00	26.15	51%	49%	0	0	NA	NA
Fast Food w/o Drive Thru 933	Seats	42.12	2.13	64%	36%	0	0	NA	NA
Fast Food w/ Drive Thru 934	KSF ²	496.12	33.48	52%	48%	0	0	NA	NA
Fast Food w/ Drive Thru 934	Seats	19.52	0.94	53%	47%	0	0	NA	NA
Drive Thru Only 935	KSF ²	NA	153.85	54%	46%	0	0	NA	NA
Drinking Place 925	KSF ²	NA	11.34	66%	34%	0	0	NA	NA
Quick Lube Shop 941	Service Bays	40.00	5.19	55%	45%	0	0	NA	NA
Automobile Care Center 942	Service Bays	12.48	2.17	NA	NA	0	0	NA	NA
Automobile Care Center 942	KSF ²	15.86	3.38	50%	50%	0	0	NA	NA
New Car Sales 841	KSF ²	33.34	2.59	39%	61%	0	0	NA	NA
New Car Sales 841	Employees	21.14	0.96	48%	52%	0	0	NA	NA
Automobile Parts Sales 843	KSF ²	61.91	5.98	49%	51%	0	0	NA	NA
Gasoline/Service Station 944	Fuel. Position	168.56	13.87	50%	50%	0	0	NA	NA
Serv.Station w/ Conven.Mkt 945	Fuel Position	162.78	13.38	50%	50%	0	0	NA	NA
Serv.Stat.w/Conv.Mkt.&Carwash 946 Self-Service Carwash 947	Fuel Position	152.84 108.00	13.94	51% 51%	49% 49%	0	0	NA NA	NA NA
	Stalls		5.54						
Tire Store 848	Service Bays KSF ²	NA	3.54	42%	58%	0	0	NA NA	NA
Tire Store 848		24.87	4.15	43%	57%	0	0	NA	NA
Wholesale Tire Store 849	Service Bays	30.55	3.17	47%	53%	0	0	NA	NA
Supermarket 850	KSF ²	102.24	10.50	51%	49%	0	0	NA	NA
Convenien. Mkt. (Open 24 hrs) 851	KSF ²	737.99	52.41	51%	49%	0	0	NA	NA
Convenien. Mkt. (Open 16 Hrs) 852	KSF ²	NA	34.57	49%	51%	0	0	NA	NA
Convenien. Mkt w/ Gas Pumps 853	KSF ²	845.60	59.69	50%	50%	0	0	NA	NA
Discount Supermarket 854	KSF ²	96.82	8.90	50%	50%	0	0	NA	NA
Wholesale Market 860	KSF ²	6.73	0.88	53%	47%	0	0	NA	NA

Discount Club 857	KSF ²	41.80	4.24	50%	50%	0	0	NA	NA
Home Improvement Store 862	KSF ²	29.80	2.37	48%	52%	0	0	NA	NA
Electronics Superstore 863	KSF ²	45.04	4.50	49%	51%	0	0	NA	NA
Toy/Children's Superstore 864	KSF ²	NA	4.99	50%	50%	0	0	NA	NA
Apparel Store 876	KSF ²	66.40	3.83	50%	50%	0	0	NA	NA
Drugstore w/o Drive-Thru 880	KSF ²	90.06	8.42	50%	50%	0	0	NA	NA
Drugstore w/ Drive-Thru 881	KSF ²	88.16	10.35	50%	50%	0	0	NA	NA
Furniture Store 890	KSF ²	5.06	0.45	48%	52%	0	0	NA	NA
Video Arcade 895	KSF ²	NA	56.81	52%	48%	0	0	NA	NA
Video Rental Store 896	KSF ²	NA	31.54	50%	50%	0	0	NA	NA
Walk-in Bank 911	KSF ²	156.48	12.12	44%	56%	0	0	NA	NA
Drive-in Bank 912	Drive-in Windows	139.25	27.41	49%	51%	0	0	NA	NA
Drive-in Bank 912	KSF ²	148.15	25.82	50%	50%	0	0	NA	NA

NA: Not Available **DU:** Dwelling Unit

KSF^{2:} Units of 1,000 square feet
Fuel Position: # of vehicles that could be fueled simultaneously





September 08, 2021

Larry Smith S. E. Civil Engineering 880 Holcomb Blvd. Fairhope, Alabama 36532

RE: Overland Townhomes - PPIN 43640

Dear Mr. Smith:

This letter is in response to your request for information on the availability of service at the above proposed development by AT&T.

This letter acknowledges that the above referenced development is located in an area served by AT&T. Any service arrangements for the proposed development will be subject to later discussions and agreements between the developer and AT&T. Please be advised that this letter is not a commitment by AT&T to provide service to the Overland Townhomes.

Please contact me at the phone number included in this letter with any questions.

Thank you for contacting AT&T.

Sincerely, Wade Mitchell MGR OSP Planning & Engineering Design

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To whom it may concern,

September 8, 2021

This letter is to inform you that Waste Management located at 18110 Eureka Dr. Foley, AL 36535, will be providing garbage pickup service for Overland Townhomes located in Fairhope, AL parcel pin # 43640. If you have any questions, please give me a call at (251) 424-5206.

Sincerely,

Katie Watts Waste Management kwatts@wm.com (251) 424-5206

P.O. Box 220 Summerdale, AL 36580-0220 (251) 989-6247

www.baldwinemc.com

September 14, 2021

Larry Smith, P.E. S.E. Civil, LLC 880 Holcomb Blvd. Suite 2-F Fairhope, AL 36532

Re: Overland Townhomes (16 units)

Dear Mr. Smith:

This letter is to confirm that the referenced development is in Baldwin E.M.C.'s service territory. Baldwin EMC is willing to service the development as long as the necessary easements are granted using our standard easement form and all other appropriate documents and fees are finalized in advance. Baldwin EMC must be given proper notice and planning time with respect to required system upgrades (transmission line, substation and distribution line). All system upgrades and line extensions will be in accordance with Baldwin EMC's current Line Extension Policy.

Please contact me to discuss necessary easements and fees.

Below is our typical required easements for subdivisions wanting underground power:

There is a dedicated herewith a 10 foot utility easement on all lot lines and common areas adjacent to the right-of-ways and a 5 foot utility easement on each side of lot and common area lines, unless otherwise noted.

If you have any questions or if I can be of further assistance, please do not hesitate to contact me at 251-989-0151.

Sincerely,

Brian Seals

Manager of Engineering

Brin Such

BS/ss



May 6, 2021

Sherry Sullivan
Mayor

Council Members

Kevin G. Boone

Robert A. Brown

Jack Burrell, ACMO

Jimmy Conyers

Corey Martin

Lisa A. Hanks, MMC City Clerk

Kimberly Creech City Treasurer Civil Engineering Mr. Larry Smith, PE 880 Holcomb Blvd, Suite 2F Fairhope, AL 36532

Dear Mr. Smith,

Regarding your availability request for the proposed Hwy 181 Development.

Water: Is available with main extensions. Capacity is not an issue through the City of Fairhope.

Sewer: Is available with sewer main extensions. Upgrades to existing lift station to meet capacity of development may be required through the City of Fairhope.

Gas: PPIN 17737 would be a state bore and high pressure under Hwy 181 so it will most definitely depend on gas usage and a cost involved.

PPIN 17735 gas is available through the City of Fairhope.

PPIN 77776 gas is available through the City of Fairhope.

Sincerely, City of Fairhope, AL

Jason, Langley, Superintendent, Water and Wastewater Department

Terry Holman, Superintendent, Gas Department

161 North Section Street
PO. Drawer 429

Fairhope, Alabama 36533

251-928-2136

251-928-6776 Fax

www.fairhopeal.gov

Printed on recycled paper

OP ID: RS



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

08/11/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

		te holder in lieu of such endo) I I C I	inginia io ine		
	DUCER	INCLIDANCE EVOLUNCE				CONTA NAME:							
203	2 VALL	INSURANCE EXCHANGE EYDALE ROAD				PHONE (A/C, No	o, Ext):		FAX (A/C, No):				
		IAM, AL 35244 D SIMPSON				E-MAIL ADDRE	SS:						
Α. Ι	TONALI	D OIMII OON				PRODUCER CUSTOMER ID #: SECIV-1							
								. ,	DING COVERAGE		NAIC #		
INS	URED	S.E. CIVIL, LLC.							TY INS. CO.		39993		
		LARRY SMITH 880 Holcomb Blvd., Uni	+ 2-F			INSURE	RB:THE HA	ANOVER IN	SURANCE GROUP		22292		
		FAIRHOPE, AL 36532	t Z −I			INSURE	R C :						
		•				INSURE	RD:						
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	VERA				NUMBER:				REVISION NUMBER:				
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INSR LTR		TYPE OF INSURANCE	ADDL S	UBR			POLICY FFF	POLICY EXP (MM/DD/YYYY)	LIMITS	· · · · · ·			
LIK		RAL LIABILITY	INSK V	NVD	1 OLIO1 NOMBLIX		(WIWI/DD/TTTT)	(WIW/DD/TTTT)		\$			
	C	OMMERCIAL GENERAL LIABILITY							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$			
		CLAIMS-MADE OCCUR								\$			
									PERSONAL & ADV INJURY	\$			
									GENERAL AGGREGATE	\$			
	GEN'L	AGGREGATE LIMIT APPLIES PER:							PRODUCTS - COMP/OP AGG	\$			
	PC	OLICY PRO- JECT LOC								\$			
		MOBILE LIABILITY							COMBINED SINGLE LIMIT (Ea accident)	\$			
		LL OWNED AUTOS							BODILY INJURY (Per person)	\$			
		CHEDULED AUTOS							` /	\$			
		IRED AUTOS							PROPERTY DAMAGE (PER ACCIDENT)	\$			
	N	ON-OWNED AUTOS								\$			
										\$			
		MBRELLA LIAB OCCUR							EACH OCCURRENCE	\$			
	E	XCESS LIAB CLAIMS-MAD	ÞΕ						AGGREGATE	\$			
	DE	EDUCTIBLE								\$			
		ETENTION \$ ERS COMPENSATION								\$			
	AND EN	MPLOYERS' LIABILITY Y/N	ı						TORY LIMITS ER				
	OFFICE	ROPRIETOR/PARTNER/EXECUTIVE FR/MEMBER EXCLUDED?	N/A							\$			
	If ves. d	atory in NH) describe under	_						E.L. DISEASE - EA EMPLOYEE				
В		RIPTION OF OPERATIONS below ESSIONAL LIAB			LHA H257800 01		04/30/2021	04/30/2022	E.L. DISEASE - POLICY LIMIT	\$	1,000,000		
	B PROFESSIONAL LIAB LHA 1237600 01						0 1/00/2021	0 1/00/2022	AGGREGATE		2,000,000		
DES	CDIDTION	N OF OPERATIONS / LOCATIONS / VEH	ICI ES (AH	tach	ACOPD 101 Additional Pomarks	Schodulo	if more space is	roquirod)	ACCRECATE		2,000,000		
ĊĬŸ	IL ENC	NOF OPERATIONS / LOCATIONS / VEH	SURVE	YIN	G SERVICES	Schedule	, if more space is	s required)					
CE	RTIFIC	ATE HOLDER				CANO	CELLATION						
		CITY OF FAIRHOPE 555 N. Sections Street FAIRHOPE, AL 36532			CITYFAI	ACC	EXPIRATIOI CORDANCE WI	N DATE THI	ESCRIBED POLICIES BE CA EREOF, NOTICE WILL B CY PROVISIONS.				
	FAIRHOPE, AL 36532					AUTHO	RIZED REPRESE	NTATIVE					



CERTIFICATION OF PROPERTY OWNER NOTIFICATION LIST

As Required by the City of Fairhope

Hearings on Subdivision plat applications owners adjacent to the proposed subdivision current property owners' records available Office.	on. This list must be the most
By signing below, I Larry Smith	, (applicant) do hereby certify that
the property owner list attached to this app	plication was obtained from the
Baldwin County Revenue Office and is a co	omplete list of all real property
owners/lessees adjacent to the property su	abmitted from Subdivision approval.
	
	8/24/21
Signature of Applicant or Authorized Agent	Date of Application

Overland Adjacent Property Owners

Address	City St	State Zi	Zip
10681 CO RD 48	FAIRHOPE AL	36532	32
11623 HALCYON LOOP	DAPHNE AL	36526	56
10563 CO RD 48	FAIRHOPE AL	36532	32
10563 CO RD 48	FAIRHOPE AL	36532	32
10722 CO RD 48	FAIRHOPE AL	36532	32
10824 US HWY 98	FAIRHOPE AL	36532	32
10685 CO RD 48	FAIRHOPE AL	36532	32
P O BOX 226	FAIRHOPE AL	36533	33
10681 CO RD 48	FAIRHOPE AL	36532	32
19600 JACKSON LANE	SILVERHILL AL	36576	9/
10685 CO RD 48	FAIRHOPE AL	36532	32
20222 RIVER MILL DR	FAIRHOPE AL	36532	32
20234 RIVER MILL DR	FAIRHOPE AL	36532	32
161 CLUBHOUSE CIR	FAIRHOPE AL	36532	32
20258 RIVER MILL DR	FAIRHOPE AL	36532	32
372 PECAN AVE	FAIRHOPE AL	36532	32
20282 RIVER MILL DR	FAIRHOPE AL	36532	32
20294 RIVER MILL RD	FAIRHOPE AL	36532	32
20306 RIVER MILL DR	FAIRHOPE AL	36532	32
20318 RIVER MILL DR	FAIRHOPE AL	36532	32
12050 LAZZARI LANE	DAPHNE AL	36526	56
20342 RIVER MILL DRIVE	FAIRHOPE AL	36532	32
P O BOX 167	FAIRHOPE AL	36533	33
FST R M DEVELOPMENT CORPORATION C/O CRAIG DYAS 23210 U S HWY 98	FAIRHOPE AL	36532	32
P O BOX 167	FAIRHOPE AL	36533	33
10462 STEEL CREEK CT	FAIRHOPE AL	36532	32
20367 RIVERMILL DR	FAIRHOPE AL	36532	32
407 POMELO ST	FAIRHOPE AL	36532	32
20307 NORTHWOOD STREET	FAIRHOPE AL	36532	32
	 	FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE	FAIRHOPE AL

Authorization Letter

To Whom it May Concern:	
I, Northan L. Cox Owner of Record	_, hereby authorize
Larry Smith of S	E Civil
Authorized Agent C	E Civil Company
to represent me and to act on my behalf in regard t	to this application for
Overland Townhomes, MOP	
Type of Application or Request	
This authorization shall last for a period of six mo	enths.
Sincerely,	
Name: 68V Overland 2021, LLC, Owner State of Alabama County of Baldura	
I, the undersigned Notary Public in and for Nathan L. Got, whose name is signed to me, acknowledged before me on this day that, be instrument, he executed the same voluntarily on the	being informed of the contents of the
Given under my hand and official notarial seal this	s 13 th day of August, 2021.
N(OTARY PUBLIC by Commission Expires: May 23, 2022

Frank Bishop

Mr. Bishop called on 9/24/2021 and stated that he had seen the Subdivision Request sign on County Road 48 for the Overland Subdivision/Overland Townhomes. He does not think that our infrastructure can handle more subdivisions. He also had concerns about traffic as traffic is already bad on County Road 48 and a lot of people speed.

City of Fairhope Planning Commission

October 4, 2021



SD 21.40 - Overland Townhomes



Project Name:

Overland - PUD

Site Data:

30.70 acres

Project Type:

16-unit MOP

Jurisdiction:

Fairhope Planning Jurisdiction

Zoning District:

PUD

PPIN Number:

43640

General Location:

Southest corner of the intersection of County Road 48 and Blueberry Lane

Surveyor of Record:

Engineer of Record:

SE Civil, LLC

Owner / Developer:

68V Overland 2021, LLC

School District:

Fairhope Elementary School

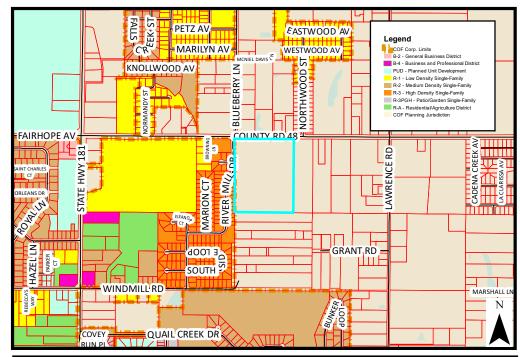
Fairhope Middle and High Schools

Recommendation:

Approved w/ Conditions

Prepared by:

Samara Walley





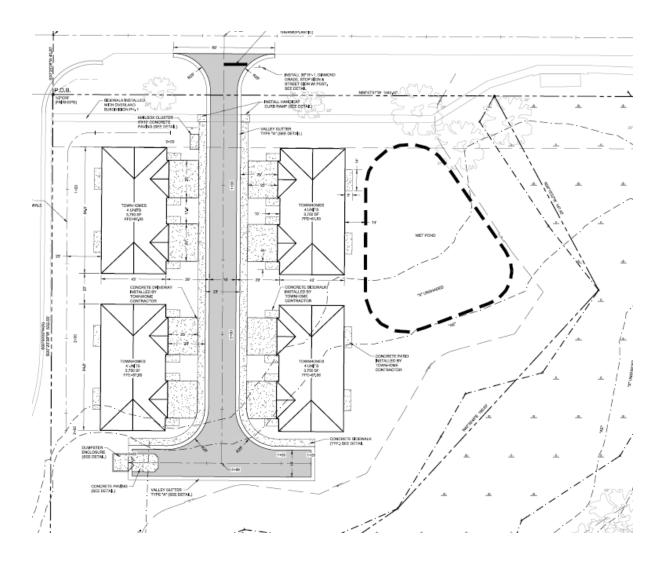
Summary of Request:

Request of 68V Overland 2021, LLC for preliminary approval of Overland Townhomes, a 16-unit Multiple Occupancy Project (MOP). The subject property is zoned PUD. It is approximately 30.70 acres and is located at the southeast corner of the intersection of County Road 48 and Blueberry Lane.

It should be noted that City Council approved a conditional annexation to PUD in June of 2021. The Overall Overland Development will consist of 62 lots. 61 will be single family residential lots and 1 lot will consist of 4 multi-family quadplexes resulting in 16 units. The subject application is for the multi-family lot.

The applicant has submitted a site plan illustrating a total of 4 townhomes. Each proposed townhome is 3,750 square feet. There are 32 parking spaces provided on site. Interior sidewalks are illustrated in the MOP Site plan. It should be noted that this proposed development did not result in the requirement of a Traffic Impact Study.

Greenspace: 25% greenspace is required resulting in 0.61 acres. The greenspace plan illustrates 0.93 acres of greenspace on site and is therefore adequate. The 0.03 acres wet pond is illustrated and notes greenspace credit.



SD 21.40 Overland Townhomes MOP October 4, 2021

Utilities: Water, sewer and gas services are available through the City of Fairhope. Electrical service is available through Baldwin EMC. There is an existing fire hydrant located near the corner of Blueberry Lane and Fairhope Avenue. The fire flow test, signed by Larry Smith, PE, affirms that there is adequate fire flow for the proposed development. As a condition of approval, the existing hydrant should be illustrated and labeled on the site plan.

Drainage: A wet pond is located on the east side of the property. S.E. Civil states the following regarding drainage: "The terrain of the site falls from west to east and discharges into an existing floodway, with elevations ranging from 89 ft to 81 ft. The site is wooded... Water will be collected in a series of inlets and underground drainage. The underground drainage will discharge into a proposed wet pond on the east side of the property before discharging into the floodway."

Landscape: The applicant has submitted landscape plan completed by WAS Design Landscape Architects. Staff finds that the landscape plan is in compliance with the City of Fairhope requirements.

The subdivision regulations contain the following criteria in Article V.B.2. Approval Standards:

- "2. Consistency with Plans, Regulations and Laws The Planning Commission shall not approve the subdivision of land if the Commission makes a finding that such land is not suitable for platting and development as proposed, due to any of the following:
 - a. The proposed subdivision is not consistent with the City's Comprehensive Plan, and/or the City's Zoning ordinance, where applicable;
 - Meets
 - b. The proposed subdivision is not consistent with the City's Comprehensive Plan or any other plan or program for the physical development of the City including but not limited to a Master Street Plan, a Parks Plan, a Bicycle Plan, a Pedestrian Plan, or the Capital Improvements Program;
 - Meets
 - c. The proposed subdivision is not consistent with these Regulations;
 - Meets
 - d. The proposed subdivision is not consistent with other applicable state or federal laws and regulations; or
 - Meets
 - e. The proposed subdivision otherwise endangers the health, safety, welfare or property within the planning jurisdiction of the City."
 - Meets

Recommendation:

Staff recommends approval of case SD 21.40 subject to the following conditions:

- 1. Aid to construction for Rivermill Road lift station shall be paid prior to the issuance of a land disturbance.
- 2. All sidewalks and street trees shall be installed prior to submission of Final MOP Approval, including sidewalk along Fairhope Avenue.



APPLICATION FOR SUBDIVISION PLAT APPROVAL

Application Type:	☐ Village Subdivision	☐ Minor Subdivision	n Informal (No Fee)
	☐ Preliminary Plat	☐ Final Plat	Multiple Occupancy Project
Attachments: Date of Application:	X Articles of Incorporation or 8/24/21	List all associated investo	rs
	Property Owner / L	easeholder Infor	mation
1	5		e Number: 251-625-1198
	perty Owner: 29891 WOO		
City: Spanish	Fort Stat	te:al_	Zip: _36527
Droposed Sub	division Name:	M	
· · · · · · · · · · · · · · · · · · ·	division Name: _overland		its: <u>16</u>
			ing: PUD
1 arcc1 11003-	-46-08-14-0-000-002.000	Current Zon	iiigiob
	Authorized A	gent Information	1
Plat	must be signed by the property ov	vner before acceptance by t	the City of Fairhope
		LC Pnor	ne Number: (251) 990-6566
	olcomb Blvd, Suite 2F	74 - 4	7:
		State: AL	Zip: _36532
Contact Person	n: Larry Smith		
	Surveyor/Enc	gineer Informatio	'n
Name of Firm			e Number: (251) 990-6566
	Holcomb Blvd, Suite 2F		(251) 550 - 0500
City: Fairhope	OTCOME BIVG, Suite 2F	State: AT.	Zip: _36532
	n: Larry Smith		
	act y one ca		
Plat Fee Calculati			
Re	eference: Ordinance	1269	
Cimantaman			
Signatures:	the property owner/leaseh	older of the above des	scribed property and hereby
	to the City for review. *If pro		
	Tax representative shall sig		
19110	-1 1 2 - 2		
	rerland 2021, LLC Leaseholder Printed Name	(0:11	
rioperty Owner/	Leasenoider Frinted Name	Signature Ag	ent
8/24/2			
Date		Fairhope Singl	e Tax Corp. (If Applicable)

68V Overland 2021, LLC	
2. THIS FORM WAS PREPARED BY:	
Nathan L. Cox	
3. THE NAME AND STREET (NO PO BOXES) ADDRESS OF THE REGISTERED AGENT LOCATED AT IN ALABAMA):	THE REGISTERED OFFICE (MUST BE LOCATE
Andrew R Dolan	
29891 Woodrow Lane, Suite 300	
Spanish Fort, AL 36527 BALDWIN	
MAILING ADDRESS IN ALABAMA OF REGISTERED OFFICE (IF DIFFERENT FROM STREET ADDRE	SS):
4. THE UNDERSIGNED CERTIFY THAT THERE IS AT LEAST ONE MEMBER OF THE LIMITED LIABIL	TY COMPANY.
S OUTON ONLY IS THE TYPE APPLIED TO THE LIMITED LIABILITY COMPANY PEINO FORMED	
5. CHECK ONLY IF THE TYPE APPLIES TO THE LIMITED LIABILITY COMPANY BEING FORMED:	
5. CHECK ONLY IF THE TYPE APPLIES TO THE LIMITED LIABILITY COMPANY BEING FORMED: NON-PROFIT LLC	
NON-PROFIT LLC	
NON-PROFIT LLC NON-PROFIT SERIES LLC	(FOR SOS OFFICE USE ONLY)
NON-PROFIT LLC NON-PROFIT SERIES LLC PROFESSIONAL SERIES LLC	(FOR SOS OFFICE USE ONLY) Alabama Sec. Of State
NON-PROFIT SERIES LLC PROFESSIONAL SERIES LLC PROFESSIONAL LLC COMPLYING WITH TITLE 10A, CHAPTER 5A, ARTICLE 8	Alabama

\$100.00

\$200.00

\$0.00

County

Exp Total

6. THE UNDERSIGNED	SPECIFY 06/25/2021 10:07:09	AS THE EFFECTIVE DATE AND THE TIME OF FILING		
ATTACHED A	ATTACHED ARE ANY OTHER MATTERS THE MEMBERS DETERMINE TO INCLUDE HEREIN			
7. ORGANIZER(S) - OP	TIONAL			
Not Applicable				
	06/25/2021	Nathan L. Cox Manager		
	DATE	ELECTRONIC SIGNATURE & TITLE		

John H. Merrill Secretary of State P.O. Box 5616 Montgomery, AL 36103-5616

STATE OF ALABAMA

I, John H. Merrill, Secretary of State of Alabama, having custody of the Great and Principal Seal of said State, do hereby certify that

pursuant to the provisions of Title 10A, Chapter 1, Article 5, Code of Alabama 1975, and upon an examination of the entity records on file in this office, the following entity name is reserved as available:

68V Overland 2021, LLC

This name reservation is for the exclusive use of Nathan L. Cox, 29891 Woodrow Lane, Suite 300, Spanish Fort, AL 36527 for a period of one year beginning June 25, 2021 and expiring June 25, 2022



RES960638

In Testimony Whereof, I have hereunto set my hand and affixed the Great Seal of the State, at the Capitol, in the city of Montgomery, on this day.

June 25, 2021

Date

X W. Menill

John H. Merrill

Secretary of State

Overland Townhomes

August 2021

STANDARDS OF PRACTICE FOR SURVEYING IN THE STATE OF ALABAM	A TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF.
LOT 1, OVERLAND DIVISION, AS SHOWN BY MAP OR PLAT THEREOF, R ALABAMA.	ECORDED AT SLIDEPROBATE RECORDS, BALDWIN COUNTY
DAVID E DIEHL AL. P.L.S. NO. 26014 DATE	and ABAMAA
SURVEY NOT VALID WITHOUT ORIGINAL SIGNATURE AND SEAL.	TO PROTECTION AND THE PROTECTION



THIS PLAT HA	CATE OF APPROVA AS BEEN SUBMITTED TO A DMMISSION OF FAIRHOPE, MMISSION.	ND CONSIDERED B'	Y THE CITY	LANNING	DIRECTOR
THE CITY OF	FAIRHOPE PLANNING COM	MMISSION			
BY:	DATE	:			
OEDTIEIO	CATE OF OWNERS	Y LUID			
					
			VE ARE THE OW	NERS OF THE	LANDS
WE,	HEREON AND DO HEREBY SHOWN ON THIS PLAT TO	DEDICATE ALL ROA	DS, STREETS,	ALLEYWAYS A	ND

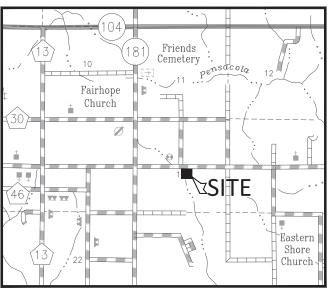
CERTIFICATE OF NOTARY PUBLIC:

DATED THIS THE _____ DAY OF ____

I._____, NOTARY PUBLIC IN AND FOR SAID COUNTY, IN SAID STATE, HEREBY CERTIFY THAT _____, AS OWNER OF THE LANDS PLATTED HEREON IS SIGNED TO THE FOREGOING INSTRUMENT, AND WHO IS KNOWN TO ME, ACKNOWLEDGED BEFORE ME ON THIS DAY THAT, BEING INFORMED OF THE CONTENT OF THE INSTRUMENT, AND IN THEIR CAPACITY AS SUCH OWNER AND WITH FULL AUTHORITY, EXECUTED THE SAME VICE HER TRAINS.

GIVEN UNDER N	MY HAND AND	OFFICIAL	SEAL TH	E	DA
OF					

NOTARY PUBLIC MY COMMISSION EXPIRES



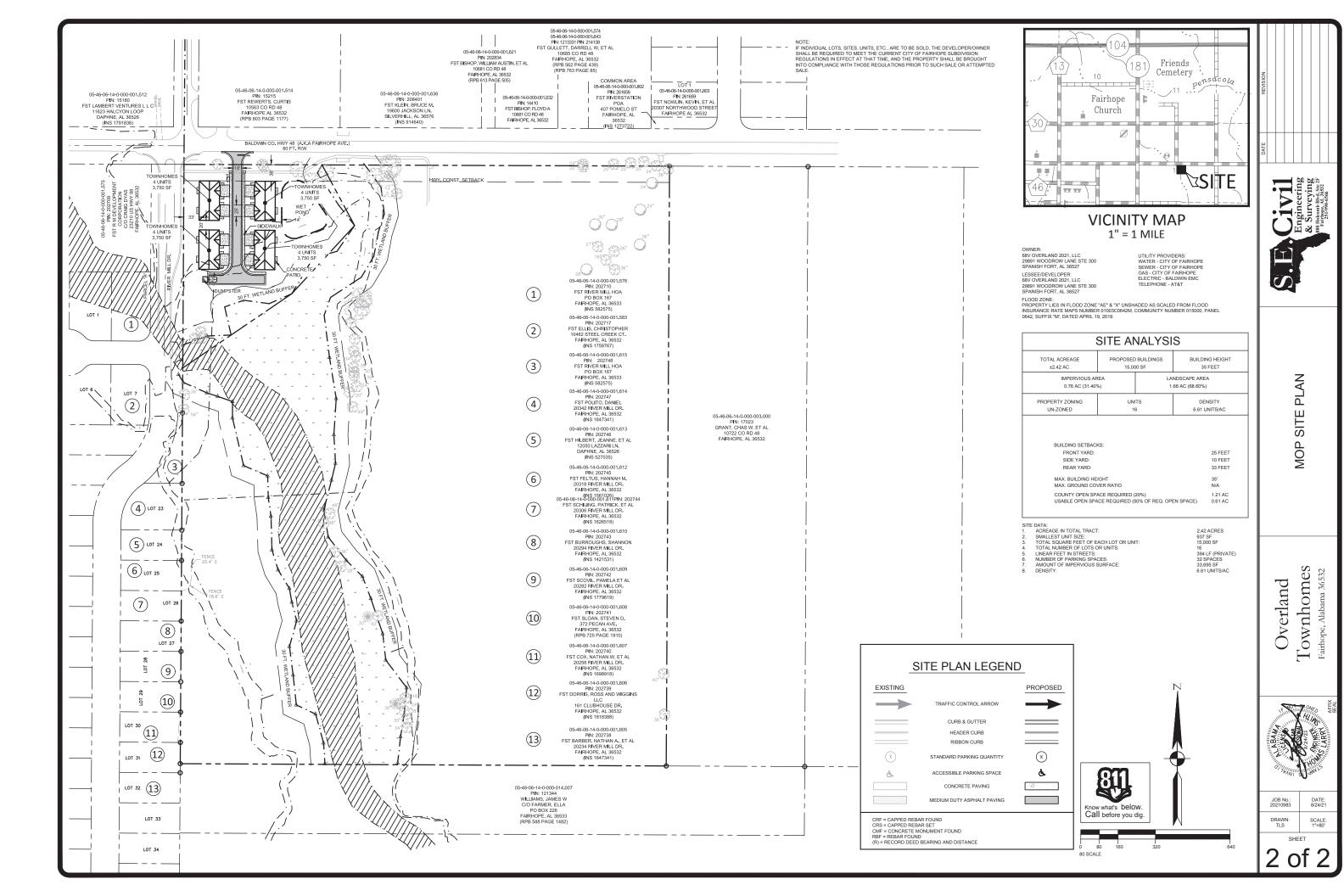
VICINITY MAP 1" = 1 MILE

CERTIFICATE OF APPROVAL BY THE BALDWIN COUNTY E-911 ADDRESSING

AUTHORIZED SIGNATURE



of 2





PROPOSED CONSTRUCTION PLANS

for

Overland Townhomes

Fairhope, AL 36532

Developer:

68 V Paydirt LLC 29891 Woodrow Lane Stc 300 Spanish Fort, AL 36527

CONTACTS

GAS DEPARTMENT CITY OF FAIRHOPE MR. TERRY HOLMAN 555 SOUTH SECTION STREET FAIRHOPE, ALABAMA 36532 251-928-8003

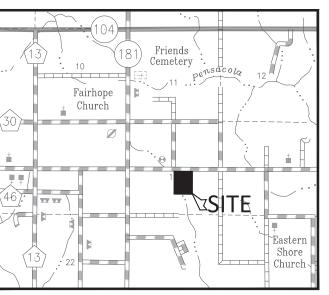
BUILDING DEPARTMENT CITY OF FAIRHOPE MR. ERIK CORTINAS 555 SOUTH SECTION STREET FAIRHOPE, ALABAMA 36532 251-928-8003

WATER & SEWER DEPARTMENT CITY OF FAIRHOPE MR. JASON LANGLEY 555 SOUTH SECTION STREET FAIRHOPE, ALABAMA 36532 251-928-8003

PLANNING/ZONING DEPARTMENT CITY OF FAIRHOPE MR. HUNTER SIMMONS 555 SOUTH SECTION STREET FAIRHOPE, ALABAMA 36532 251-928-8003

BALDWIN EMC MR. BRIAN SEALS P.O. BOX 220 SUMMERDALE, ALABAMA 36580-0220 251-989-6247

HIGHWAY DEPARTMENT **BALDWIN COUNTY** MR. JOHN LUNDY 22070 HWY. 59, 4TH FLOOR ROBERTSDALE, ALABAMA 36567 251-580-1655



VICINITY MAP 1" = 1 MILE

ENGINEER'S CERTIFICATE

I, the undersigned, a Registered Professional Engineer in the State of Alabama holding Certificate Number 26348, hereby certify that I have reviewed the design herein which was done under my direct control and supervision and that, to the best of my professional knowledge and to the best of my belief, conforms to the requirements of Section 7-18 of the futy of Fairhope Municip Code and to all other rules, regulations, lays, and ordinances applicable to my design.

ame of Project to which this Certificate Applies: Overland Townh Plans which are certified consist of Pages Cover Sheet thru CI



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C08	WETLAND BUFFER SIGNAGE & FLOOD ZONI
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C15	CONSTRUCTION DETAILS
C16	CONSTRUCTION DETAILS
C17	CONSTRUCTION DETAILS



REVISIONS

REVISIO	JIVO:		
NO.	DATE	APPR.	REVISION
0	08/24/21	TLS	ISSUED FOR CITY APPROV
1			
2			
3			
4			



SITE PLAN NOTES

- ALL WORK AND MATERIALS SHALL COMPLY WITH CITY OF FAIRHOPE & BALDWIN COUNTY REGULATIONS AND CODES.
 ALL WORK AND MATERIALS WITHIN THE RIGHT OF WAY SHALL COMPLY WITH BALDWIN COUNTY DESIGN STANDARDS FOR NEW ROAD CONSTRUCTION (APPENDIX 4).
- 2. ALL DIMENSIONS AND RADII ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- 3. EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED OR RELOCATED AS NECESSARY. ALL COST SHALL BE INCLUDED IN THE BASE BID.
- 4. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED FOR SITE WORK. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
- THE SURVEY OF EXISTING CONDITIONS IS SHOWN WITHIN THESE PLANS. ALL EXISTING CONDITIONS SHALL BE VERIFIED TO BE TRUE AND ACCURATE PRIOR TO BEGINNING WORK.
- PAINTED STRIPING SHALL BE BRIGHT AND CLEAR. STRIPES SHALL BE PER PLAN AND PAINTED ON CLEAN ASPHALT OR CONCRETE.
- 7. CURBING SHALL BE FORMED AND POURED CONCRETE UNLESS OTHERWISE DETAILED WITHIN THE DRAWINGS. CONCRETE FOR CURBING SHALL BE 3000 PSI.
- 8. HANDICAP RAMPS SHALL BE PER ADA REQUIREMENTS AND LOCAL REGULATIONS.
- 9. NOTIFY CITY OF FAIRHOPE & BALDWIN COUNTY 24 HOURS BEFORE THE BEGINNING OF EVERY PHASE OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED GOVERNMENTAL INSPECTIONS.
- 11. A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.
- 12. ALL TRAFFIC CONTROL SIGNS AND MARKINGS USED ON THE SITE WILL CONFORM WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCO), FHWA, LATEST EDITION. REFERENCE THE SIGN CODES CONTINUED IN THE MUTCO FOR ALL TRAFFIC CONTROL SIGNS. NOTE THE COLOR AND SIZE OF ALL PAVEMENT MARKINGS, REFERENCING DETAILS IN ALDOT'S ROADWAY AND TRAFFIC DESIGN STANDARDS WHERE APPLICABLE.
- 13. NO "PROTECTED TREES" WILL BE REMOVED, DESTRUCTIVELY DAMAGED, MUTILATED, RELOCATED, DISFIGURED, DESTROYED, CUT DOWN, OR EXCESSIVELY PRUNED DURING CONSTRUCTION ACTIVITIES.
- 14. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH ALL OF THE EXISTING CONDITIONS AT THE SITE; INCLUDING UTILITIES, SUBFACES, ETC. AND SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES THEY CAUSE TO NEW AND EXISTING CONSTRUCTION, PROPERTY AND ANY UNAUTHORIZED DISRUPTION TO UTILITIES ON SITE AND TO ADJACENT PROPERTIES.
- 15. PRIOR TO CONSTRUCTION, EXISTING UTILITIES AT PROPOSED CONNECTIONS AND CROSSINGS SHALL BE FIELD EXCAVATED TO VERIFY LOCATIONS, ELEVATION AND SIZE. NOTIFY THE ENGINEER IMMEDIATELY WITH ANY DEVATIONS OR CONFLICTS.
- 16. CLEARING AND GRUBBING SHALL BE LIMITED TO THE ROADWAY RIGHT OF WAY, DRAINAGE EASMENTS, AND DETENTION PONDS. OTHER CLEARING REQUIRED FOR CONSTRUCTION SHALL BE PRE-APPROVED BY THE OWNER.
- 17. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN STAKING THROUGHOUT CONSTRUCTION. RESTAKING WILL BE PERFORMED AT THE CONTRACTOR'S EXPENSE.
- 18. UNDER DRAINS SHALL BE INSTALLED AT LOCATIONS IDENTIFIED BY THE SOILS ENGINEER.
- 10. UNDER DIVAING STALE BE INSTALLED AT ESSATISTICS BETTILE SOLES ENGINEE
- DRAINAGE PIPE LENGTHS ARE APPROXIMATE, AND MAY REQUIRE ADJUSTMENT DEPENDING ON FINAL GRADING AND SLOPES.
- THE CONTRACTOR SHALL COORDINATE ALL REQUIRED TESTING WITH THE SOILS ENGINEER. PAYMENT FOR TESTING WILL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- 21. TRAFFIC SIGNAGE SHALL MEET STANDARDS IN ACCORDANCE WITH THE LATEST EDITION OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD):
- 22. R1-1 STOP SIGN- DIAMOND GRADE- MINIMUM 0.080" THICK
- 30" FOR ALL INTERNAL STREET INTERSECTIONS 36" FOR ALL INTERSECTION WITH EXISTING COUNTY, STATE AND FEDERAL ROADS
- 23. STREET NAME SIGN- 9" ALUMINUM EXTRUDED BLADE, HIGH INTENSITY PRISMATIC 6" TALL WHITE ALL-CAPITAL LETTERING ON GREEN BACKGROUND BRACKETS- VULCAN TYPE VS-8 VANDAL PROOF OR APPROVED EQUAL
- 24. ALL OTHER SIGNS- HIGH INTENSITY PRISMATIC OR BETTER- MINIMUM 0.080" THICK
- POST FOR ALL SIGNS-#2 GALVANIZED U-CHANNEL OF APPROPRIATE HEIGHT EMBEDDED NOT LESS THAN 3 FEET BELOW THE FINISHED GRADE ELEVATION

EROSION CONTROL NOTES

- THE EXISTING SITE IS UN-DEVELOPED.
- 2. CONTACT LARRY SMITH, PE 251-990-6566
- 3. AREA TO BE DISTURBED=±1.57 ACRES.
- ALL VEGETATION SHALL BE PLANTED AND MAINTAINED PER THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS (ALABAMA HANDBOOK).
- 5. ALL EROSION CONTROL MEASURES SHALL BE PER THE DIRECTION OF THE ENGINEER AND STATE AND FEDERAL E.P.A. GUIDELINES FOR THE NPDES PROGRAM.
- 6. ABSOLUTELY NO SEDIMENT SHALL BE PERMITTED TO LEAVE THE SITE DURING CONSTRUCTION IF HEAVY RAINS OR UNUSUAL SITE CONDITIONS RESULT IN THE POLLUTION OF ROADWAYS OR ADJACENT PARCELS THEN THE GRADING CONTRACTOR SHALL CLEAN THE DISTURBED AREAS IMMEDIATELY AND RESTORE THE AREAS TO THE ORIGINAL CONDITION WITHIN 24 HOURS.
- ALL DISTURBED AREAS SHALL BE TEMPORARILY AND PERMANENTLY SEEDED WITH "SOUTH" TYPE SEEDINGS PER THE ALABAMA HANDBOOK.
- ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE GOVERNING OFFICIALS.
 IT IS THE RESPONSIBILITY OF THE GRADING CONTRACTOR TO BE INTIMATE WITH THE LOCAL
 EROSION CONTROL LAWS AND TO REFLECT THIS KNOWLEDGE IN HIS/HER ACTIONS AND
 QUOTATIONS.
- REFERENCE THE CONSTRUCTION SEQUENCE FOR THE RELATIONSHIP BETWEEN THE INSTALLATION OF EROSION CONTROL FEATURES AND GENERAL CONSTRUCTION.
- 10. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED DAILY AND ANY DEFICIENCIES NOTED WILL BE CORRECTED BY THE END OF EACH DAY. ADDITIONAL EROSION CONTROL MEASURES WILL BE INSTALLED IF DEBIED NECESSARY AFTER ON-SITE INSPECTION BY THE GOVERNING OFFICIAL OR TENGINEER OF RECORD.
- 12. ALL SILT BARRIERS SHALL BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO
- 13. CONTRACTOR SHALL REMOVE EROSION CONTROL DEVICES AFTER PERMANENT GRASSING IS IN PLACE AND ESTABLISHED.
- 14. THE CONSTRUCTION EXIT PAD SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH STONE, AS CONDITIONS DEMAND, AND REPAIR ANDIOR CLEAN OUT OF ANY STRUCTURES USED TO TRAP SEDIMENT, ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE OR SITE ONTO PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.
- 15. DISTURBED AREAS LEFT IDLE FOR TEN DAYS OR LONGER ARE TO BE SEEDED AND MULCHED.
- 16. SEDIMENT / EROSION CONTROL DEVICES MUST BE CHECKED AFTER EACH STORM EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED 1/3 OF THE CAPACITY OF THE DEVICE.
- 17. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE OWNERS CONTRACTOR.
- 18. THE SITE IS TO BE CLEARED AND GRADED AS TO MINIMIZE THE AMOUNT OF SOIL EXPOSED AT ONE TIME.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION
 OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL
 EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR
 TREAT THE SEDIMENT SOURCE.
- 20. CONTRACTOR IS RESPONSIBLE FOR MONITORING DOWNSTREAM CONDITIONS THROUGHOUT THE CONSTRUCTION PERIOD AND CLEARING ANY DEBRIS AND SEDIMENT CAUSED BY CONSTRUCTION.
- 21. BMP'S SHALL BE INSTALLED AS PER THE ALABAMA HANDBOOK STANDARDS.
- 22. BMP'S SHALL BE INSTALLED WITH MINIMAL CLEARING ACTIVITY.
- 23. REFER TO THE LANDSCAPE PLANS FOR FINAL STABILIZATION MEASURES.
- 24. NO DUST CONTROL IS ANTICIPATED. SHOULD DUST BE AN ISSUE, SITE WILL BE WATERED TO MINIMIZE GENERATION OF DUST. DUST CONTROL IS ALSO ACCOMPLISHED BY MINIMIZING THE EXPOSURE OF BARE SOILS. UTILIZE TEMPORARY YEGETATION AND MULCHING TO COVER BARE AREAS DURING CONSTRUCTION. UTILIZE PERMANENT VEGETATION TO CONTROL DUST FROM THE SITE AFTER CONSTRUCTION IS COMPLETE.
- 25. WHERE LABELED FIP/CIP, FABRIC INLET PROTECTION TO BE INITIALLY INSTALLED AND CONVERTED TO CURB INLET PROTECTION ONCE THROAT IS POURED.
- 26. SITE INSPECTIONS TO BE PERFORMED WHEN 3/4" RAIN EVENT OR GREATER OCCURS.

GRADING & DRAINAGE NOTES

- ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED. SLOPES
 STEEPER THAN 3:1 SHALL BE COVERED WITH CURLEX BLANKETS BY AMERICAN EXCELSIOR
 COMPANY OR FOLIA:
- ALL DISTURBED AREAS NOT OTHERWISE COVERED BY PAVEMENT SHALL RECEIVE FOUR INCHES
 OF TOPSOIL AND STABILIZED PER THE LANDSCAPE PLAN.
- 3. ALL STRUCTURES SHALL BE PRECAST CONCRETE PER ASTM C-478/C-913 AND ALDOT STANDARDS UNLESS APPROVED OTHERWISE BY THE ENGINEER.
- 4. STORM PIPE SHALL BE AS FOLLOWS:
- RCP, CLASS III PER ALDOT SPECIFICATIONS.
 THE TYPE OF PIPE MAY BE ALTERED IF APPROVED BY THE ENGINEER.
- 5. ALL CAST IN PLACE CONCRETE TO HAVE A MIN. 28 DAY COMPRESSION STRENGTH OF 3000 P.S.I.
- EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
- 7. THE CONTOUR INTERVAL IS ONE FOOT OR AS SHOWN.
 8. THE ELEVATION OF MANHOLEIMLET TOPS ARE TO BE AT THE FINISH ELEVATION SHOWN. THE DEFINITION OF THE TYPE OF TOP IS AS LISTED:
 WEIR INLET = THROAT; ELEVATION OF THE POINT AT WHICH WATER PASSES INTO THE BOX. DROP INLET = GRATE; THE TOP MOST PART OF THE FRAME AND GRATE.
- CATCH BASIN = THROAT; ELEVATION OF THE POINT AT WHICH WATER PASSES INTO THE BOX. JUNCTION BOX = RIM; THE TOP MOST PART OF THE RIM AND COVER CASTING.

 9. ALL STRUCTURAL FILL AREAS TO BE CONSTRUCTED UNDER THE DIRECTION OF A SOILS ENGINEER
- 10. GRADES NOT OTHERWISE INDICATED ON THE PLANS SHALL BE UNIFORM LEVELS OR SLOPES
 BETWEEN POINTS WHERE ELEVATIONS ARE GIVEN. ABRUPT CHANGES IN SLOPE SHALL BE
- 11. ALL SILT BARRIERS SHALL BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL THE TREE PROTECTION, SAVE AREAS, SILT BARRIER INSTALLATION AND DETENTION FACILITIES ARE CONSTRUCTED.
- THE LAND DISTURBANCE PERMIT MUST BE DISPLAYED ON SITE AT ALL TIMES DURING CONSTRUCTION AND IN PLAIN VIEW FROM A PUBLIC ROAD OR STREET.
- 13. ALL O.S.H.A. CONSTRUCTION REQUIREMENTS SHALL BE STRICTLY ADHERED TO.
- 14. PIPE LENGTHS SHOWN ARE LINEAR DISTANCES BETWEEN CENTER TO CENTER OF STRUCTURES. THE CONTRACTOR SHALL DETERMINE THE QUANTITY OF PIPE NEEDED FOR THE JOB, BASED ON SLOPE LENGTH AND WHOLE STANDARP PIPE SECTIONS.
- 15. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER TRAFFIC CONTROL FOR PUBLIC SAFETY ADJACENT TO THE CONSTRUCTION SITE.
- 16. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN BARRICADES, WARNING SIGNS, LIGHTS AND OTHER TRAFFIC CONTROL DEVICES IN CONFORMITY WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, LATEST EDITION.
- 17. CONTRACTOR TO CLEAN OUT ACCUMULATED SILT IN THE STORM SYSTEM AT THE END
 OF CONSTRUCTION WHEN DISTURBED AREAS HAVE REEN STARILIZED.
- 18. TEMPORARY SEDIMENT BASIN FEATURES ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION OR GRADING.
- 19. ALL ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.
- 20. CONTRACTOR SHALL PROVIDE A VIDEO OF THE STORM SYSTEM

UTILITY NOTES

- THE PROPOSED WATER SERVICE SHALL BE INSTALLED BY A LICENSED PLUMBING CONTRACTOR AND CERTIFIED TO BE IN ACCORDANCE WITH PLANS AND SPECIFICATIONS OF FAIRHOPE PUBLIC UTILITIES (FPU) PRIOR TO COMPLETION OF THE PROJECT. ALL PIPING VALVES, FITTINGS AND DEVICES SHALL BE IN ACCORDANCE WITH FPU SPECIFICATIONS.
- ALL NEW UTILITY SERVICES SHALL BE INSTALLED PER THE SPECIFICATIONS, DETAILS, AND
 REQUIREMENTS OF FPU AND OTHER UTILITY PROVIDERS. THE CONTRACTOR SHALL BE
 INTIMATE WITH THE LOCAL CODES AND REQUIREMENTS AND SHALL BE RESPONSIBLE FOR THE
 COMPLIANCE OF ALL SYSTEMS WITH THESE CODES.
- THE SANITARY SEWER LINE SHALL BE TESTED FOR INFILTRATION/EXFILTRATION IN ACCORDANCE WITH FPU STANDARDS & SPECIFICATIONS.
- 4. ALL PVC WATER PIPE SHALL BE MARKED USING A TRACER WIRE BURIED BETWEEN 3 AND 6 INCHES ABOVE THE TOP OF THE PIPE. TRACER WIRE SHALL BE NO. 12 COPPER WIRE WITH PLASTIC COATING, WIRE SHALL BE CARRIED UP THROUGH VALVE BOXES AND TERMINATED A MINIMUM OF 2 FEET ABOVE THE GROUND TO PERMIT CONNECTION OF LOCATING EQUIPMENT. NOMETALLIC BLUE MARKERT TAPE SHALL BE BURIED APPROVINGHELY 15 INCHES ABOVE THE TOP OF THE PIPE. TAPE SHALL BE A MINIMUM OF 3 INCHES WIDE AND ON THE OWNERS LIST OF MATERIALS AND APPROVED MANUFACTURERS.
- 5. SANITARY SEWER PVC GRAVITY AND FORCE MAINS SHALL HAVE METALIZED MARKING TAPE TO ALLOW FOR FUTURE LOCATING WITH STANDARD EQUIPMENT AND TO PROVIDE PROTECTION TAPE SHALL BE BURIED BETWEEN 5 AND 12 INCHES ABOVE THE PIPE. TAPE SHALL BE GREEN, 3 INCHES WIDE, AND MARKED "CAUTION: BURIED SEWER LINE BELOW". FOURTEEN GAGE WIRE SHALL BE INSTALLED ONE FOOT ABOVE THE TOP OF PVC SEWER MAINE.
- THRUST BLOCKING AND PIPE RESTRAINTS SHALL BE INSTALLED AND SIZED IN ACCORDANCE WITH NFPA-24. THESE RESTRAINTS SHALL BE APPROVED BY THE ENGINEER AND FPU PRIOR TO BACKFILLING AND TESTING.
- 7. PVC WATER MAINS UNDER 4" SHALL CONFORM TO THE REQUIREMENTS OF ASTM D2241. PIPE SHALL HAVE A MINIMUM PRESSURE RATING OF 250 PSI, SDR 18 OR HEAVIER.
- WATER MAINS 4*-12* SHALL CONFORM TO THE REQUIREMENTS OF ASTM D2241 FOR PRESSURE PIPE WITH IRON PIPE OUTSIDE DIAMETER OR AVWA G900. PIPE SHALL BE A MINIMUM CLASS 250 FOR ASTM D2241 OR SOR 18 OR HEAVIER FOR AWWA G900.
- 8. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING VIILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- 9. ALL O.S.H.A. CONSTRUCTION REQUIREMENTS SHALL BE STRICTLY ADHERED TO.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER TRAFFIC CONTROL FOR PUBLIC SAFETY ADJACENT TO THE CONSTRUCTION SITE.
- 11. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN BARRICADES, WARNING SIGNS, LIGHTS AND OTHER TRAFFIC CONTROL DEVICES IN CONFORMITY WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, LATEST EDITION.
- THE GAS SERVICE SHALL BE INSTALLED TO THE METER BY THE LOCAL GAS UTILITY. REFER
 TO THE MECHANICAL/PLUMBING PLANS FOR THE METER LOCATION.
- THE CONTRACTOR WILL PROVIDE AND INSTALL ALL SECONDARY WIRING AND CONDUIT FROM THE PAD MOUNTED TRANSFORMER TO THE LOCATION OF THE METERS.
- 14. THE PROPOSED WATER MAIN SHALL BE PRESSURE TESTED, CLEANED, AND DISINFECTED WITH THE NEW PIPING SYSTEM TO THE MAIN SYSTEM. WATER MAINS TO BE INSTALLED AND TESTED PER AWWA STANDARDS. LEAKAGE TEST PERFORMED AT A MINIMUM OF 150 PSI FOR 6 HOURS MINIMUM.
- 15. PLASTIC PIPE FOR GRAVITY SEWERS, STACKS AND LATERALS, AND FITTINGS SHALL BE UNPLASTICIZED POLYVINYL CHLORIDE (PVC), MEETING OR EXCEEDING ASTM SPECIFICATION D3034 LATEST EDITION, CLASSIFICATION SDR 26, PVC GRAVITY SEWER PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, LATEST EDITION.
- 16. PVC PIPE FOR SANITARY SEWER FORCE MAINS SHALL CONFORM TO THE REQUIREMENTS OF ASTM D2241 WITH MINIMUM CLASS 250 FOR PRESSURE PIPE WITH IRON PIPE OUTSIDE DIAMETER OR AWAY GOOD WITH SOR 16 OR HEAVIER FOR PRESSURE PIPE WITH DUCTLIE IRON

DATE REVISION



GENERAL NOTE

Overland Ownhomes



JOB No.: DATE: 20210983 8/24/21

DRAWN: SCALE: TLS N.T.S.

SHEET

CO



1. THIS SITE SHALL ADHERE TO THE RED SOIL AND CLAY ORDINANCE. RED SOIL AND CLAY IS PROHIBITED WITHIN 100' OF CRITICAL AREAS, INCLUDING WETLANDS AND STREAMS.

2. THIS SITE SHALL ADHERE TO THE CITY OF FAIRHOPE WETLAND ORDINANCE. NO DISTURBANCE IS ALLOWED WITHIN THE 30' WETLAND BUFFER, INCLUDING CLEARING ACTIVITY.

RED SOIL & CLAY SHALL NOT BE USED IN POND CONSTRUCTION AS PER RED SOIL & CLAY ORDINAN



CONSTRUCTION SEQUENCE - PHASE 2

6 ONCE INSPECTION IS COMPLETE AND APPROVED, CLEARING & DEMOLITION CAN BEGIN (PHASE 2)

CONSTRUCTION SEQUENCE - PHASE 1

INSTALL TREE PROTECTION FENCING PER TREE PROTECTION ORDINANCE.
REMOVE VEGETATIONPAVEMENT ONLY IN AREAS OF THE PERIMETER SEDIMENT BARRIERS

- . PERFORM GRADING TO INSTALL POND AND SEDIMENT FEATURES. ESTABLISH PERMANENT COVER ON AREAS NOT EFFECTED BY ROAD AND UTILITY CONSTRUCTION.
- INSTALL STORM SYSTEM AND UTILITIES.

INSTALL THE CONSTRUCTION EXIT PER DETAILS.
INSTALL PERIMETER SEDIMENT BARRIERS PER DETAILS.
REQUEST BMP & TREE PROTECTION INSPECTION PRIOR TO CLEARING.

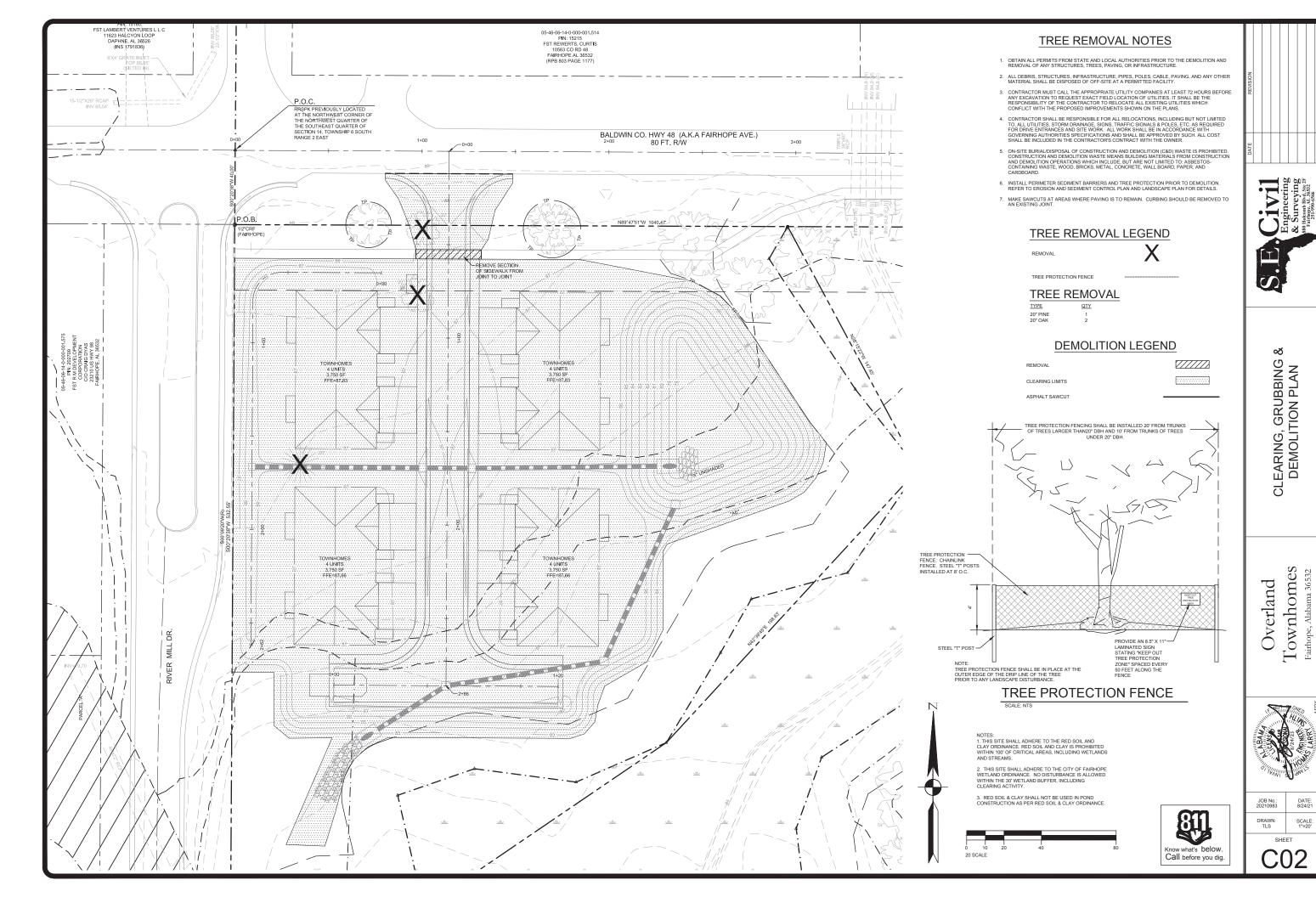
- DURING ROAD AND UTILITY CONSTRUCTION, INSPECT PERIMETER CONTROLS DAILY AND FIX ANY DEFICIENCIES.
- INSTALL TEMPORARY SEEDING AND MULCH ON DISTURBED AREAS TO PREVENT EXPOSED SOILS.
- DURING ROAD AND UTILITY CONSTRUCTION, MAINTAIN TEMPORARY SEEDING.
 GRADE THE SITE TO SUB-GRADE ELEVATIONS, PREPARING THE SITE FOR FINAL SITE WORK.
- GRADE THE SITE TO SUB-GRADE ELEVATIONS, PREPARING
 INSTALL CURBING, SIDEWALKS, BUILDINGS AND PAVING.

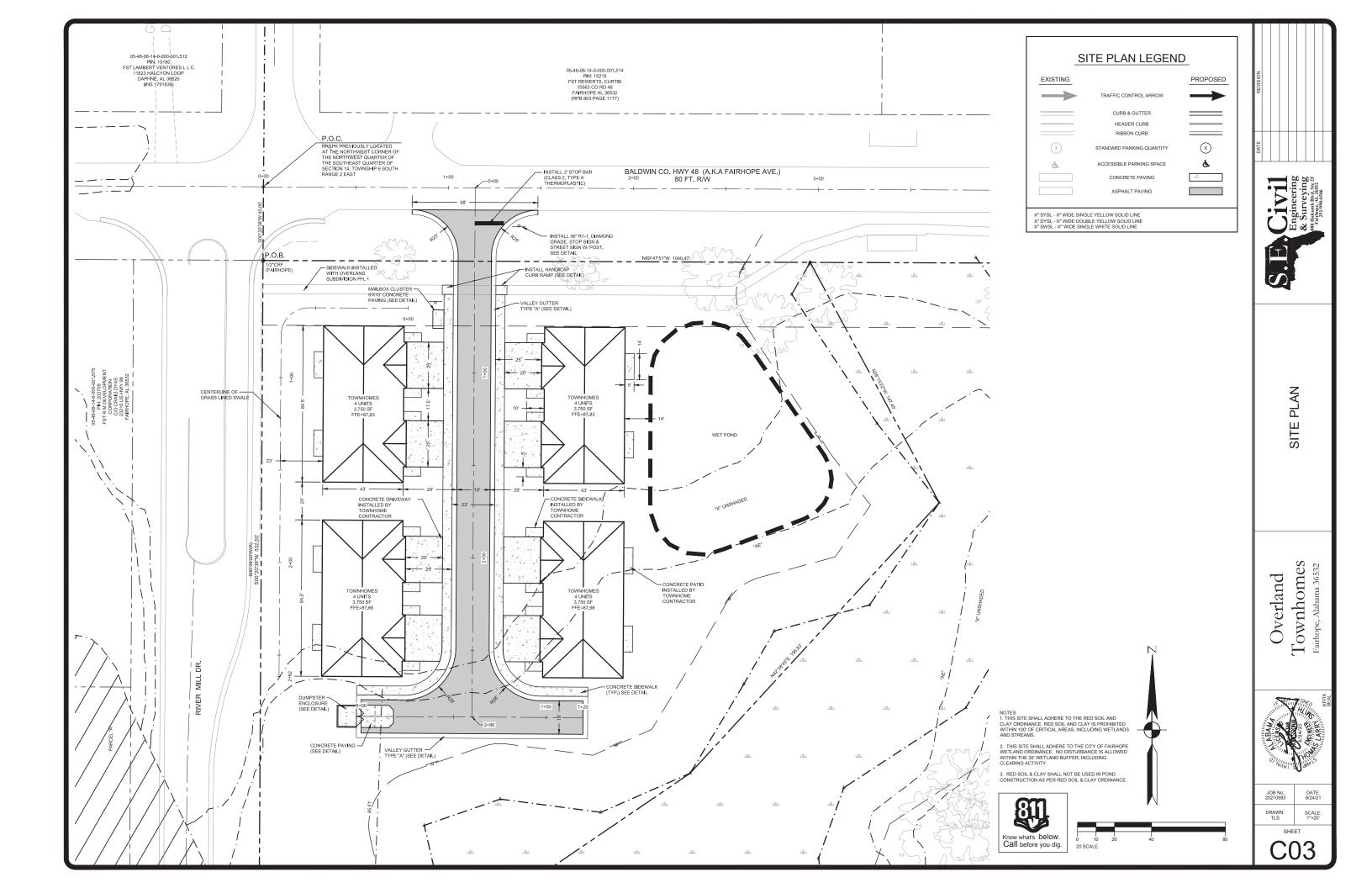
CONSTRUCTION SEQUENCE - PHASE 3

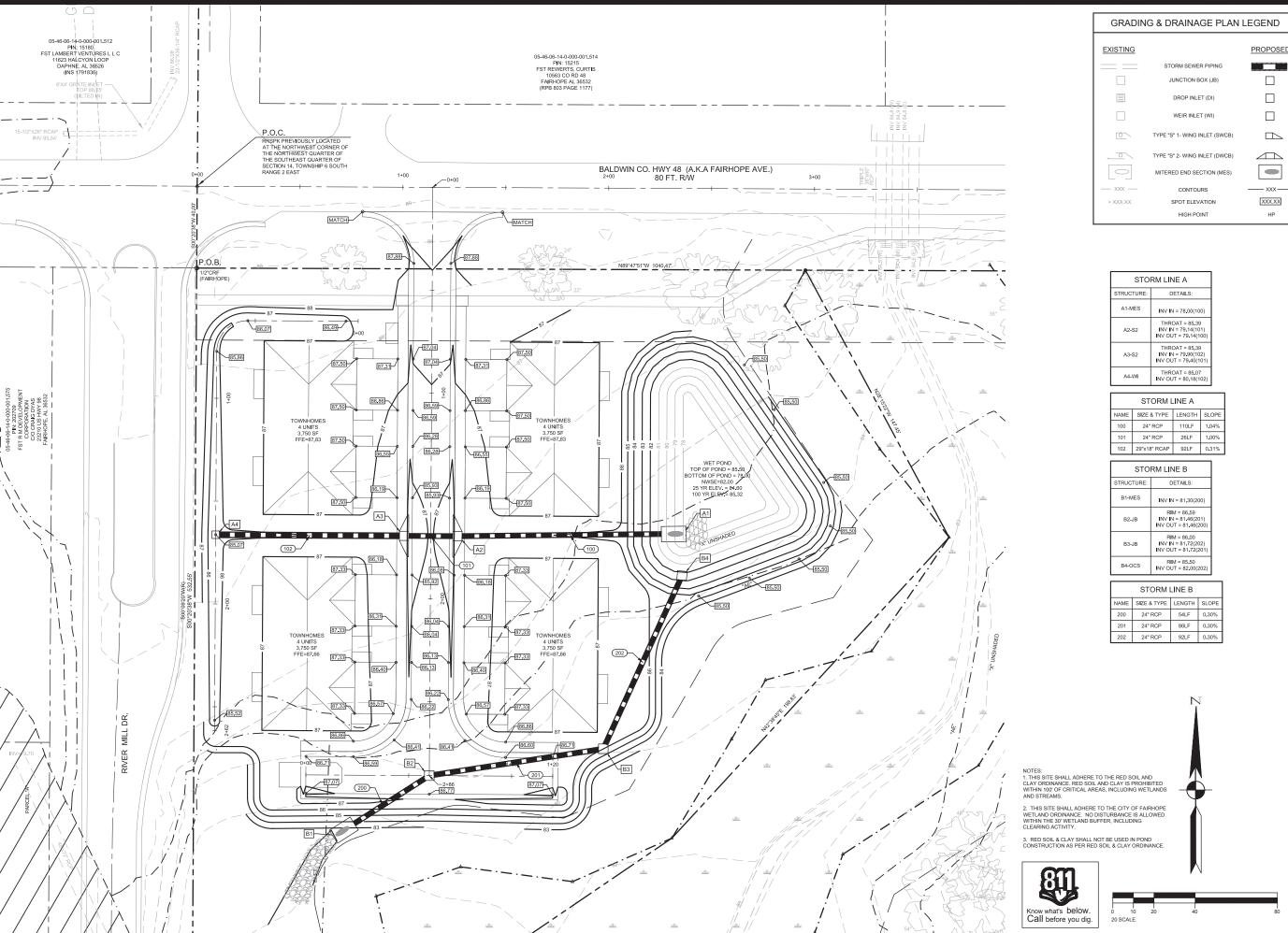
INSTALL FINAL LANDSCAPING.

AND CONSTRUCTION EXIT.

- CALL FOR AN INSPECTION FROM THE QC
- ONCE THE QCP HAS CERTIFIED THAT ALL AREAS ARE STABILIZED, REMOVE BMPS AND TREE PROTECTION
- STABILIZE ANY AREAS DISTURBED BY BMP AND TREE PROTECTION REMOVAL.







PROPOSED

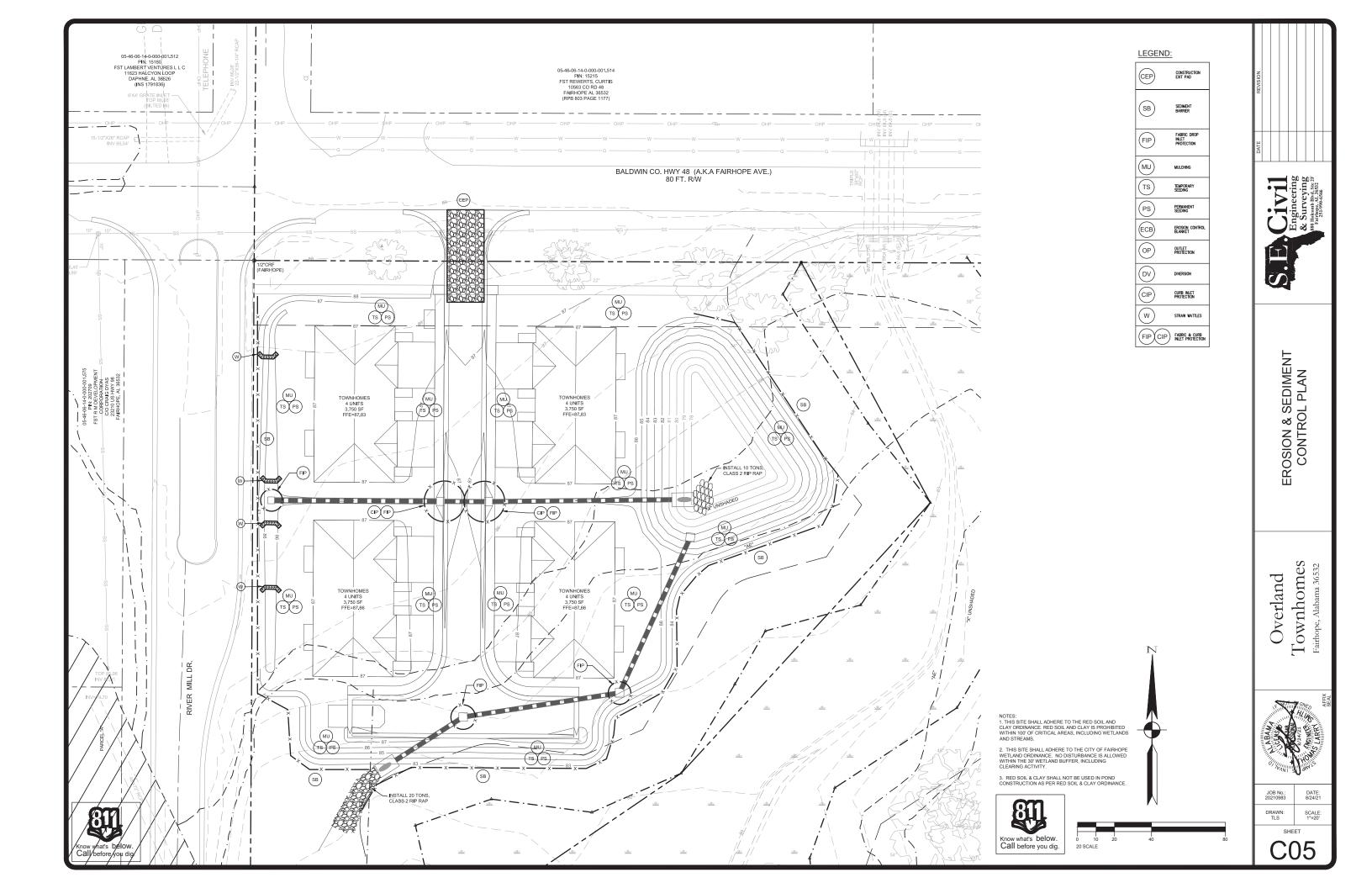
Townhomes

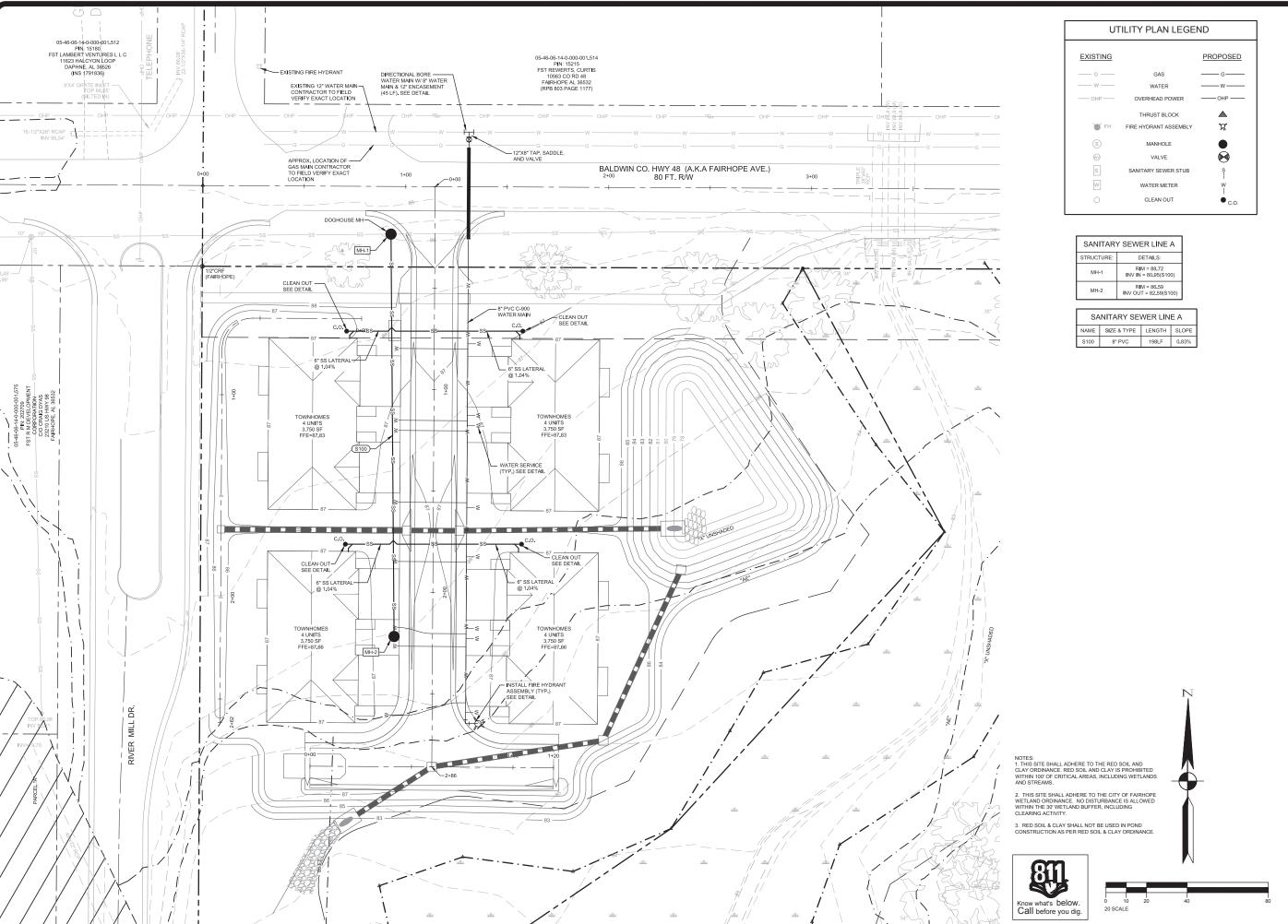
Overland

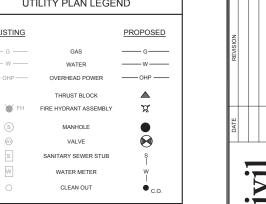
& DRAINAGE PLAN

GRADING

DATE: 8/24/21 SCALE: 1"=20' DRAWN: TLS SHEET







Townhomes Overland

UTILITY PLAN



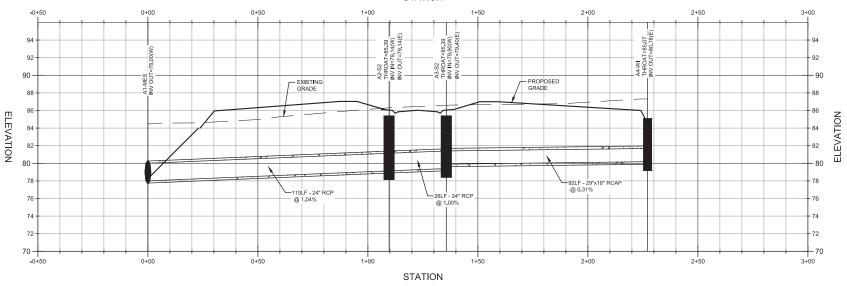
DATE: 8/24/21 DRAWN: TLS SCALE: 1"=20'

SHEET C06

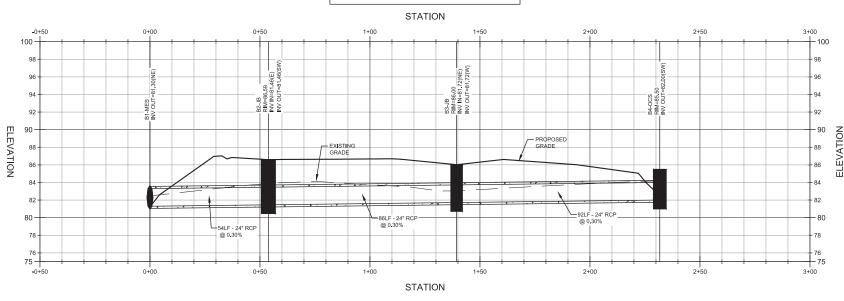
Know what's below. Call before you dig.

STORM LINE A PROFILE

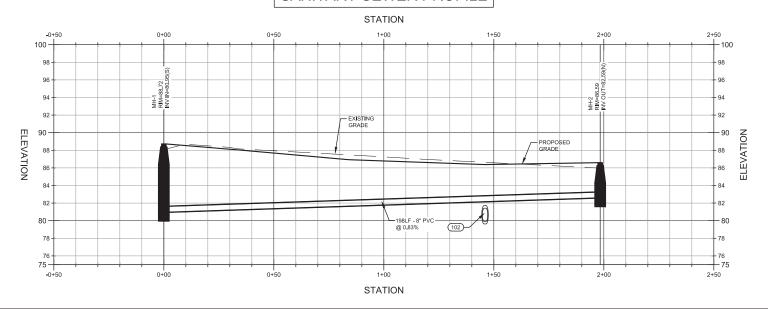


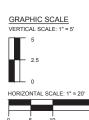


STORM LINE B PROFILE



SANITARY SEWER PROFILE





JOB No.: DATE: 20210983

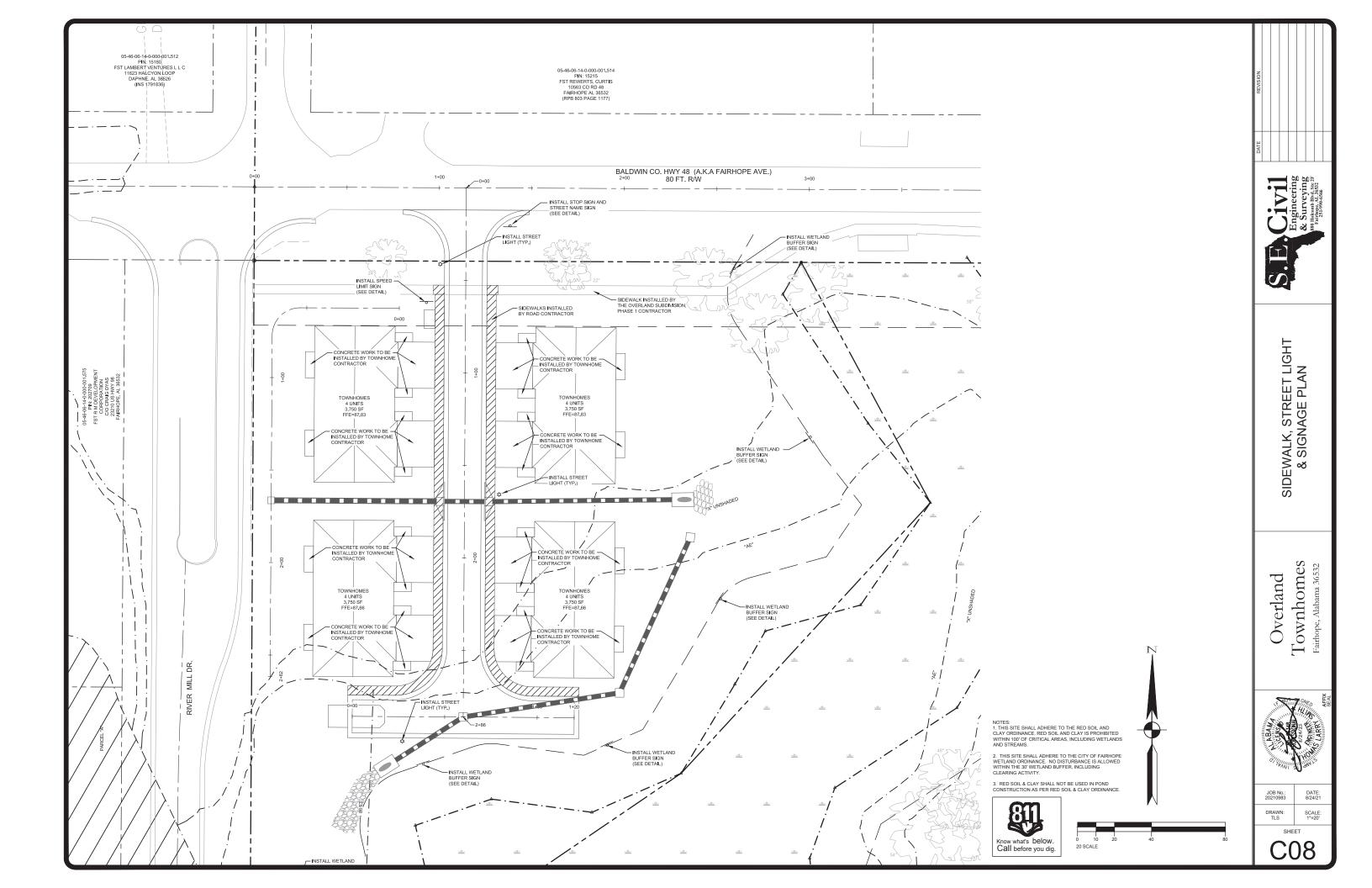
Overland
Townhomes
Fairhope, Alabama 36532

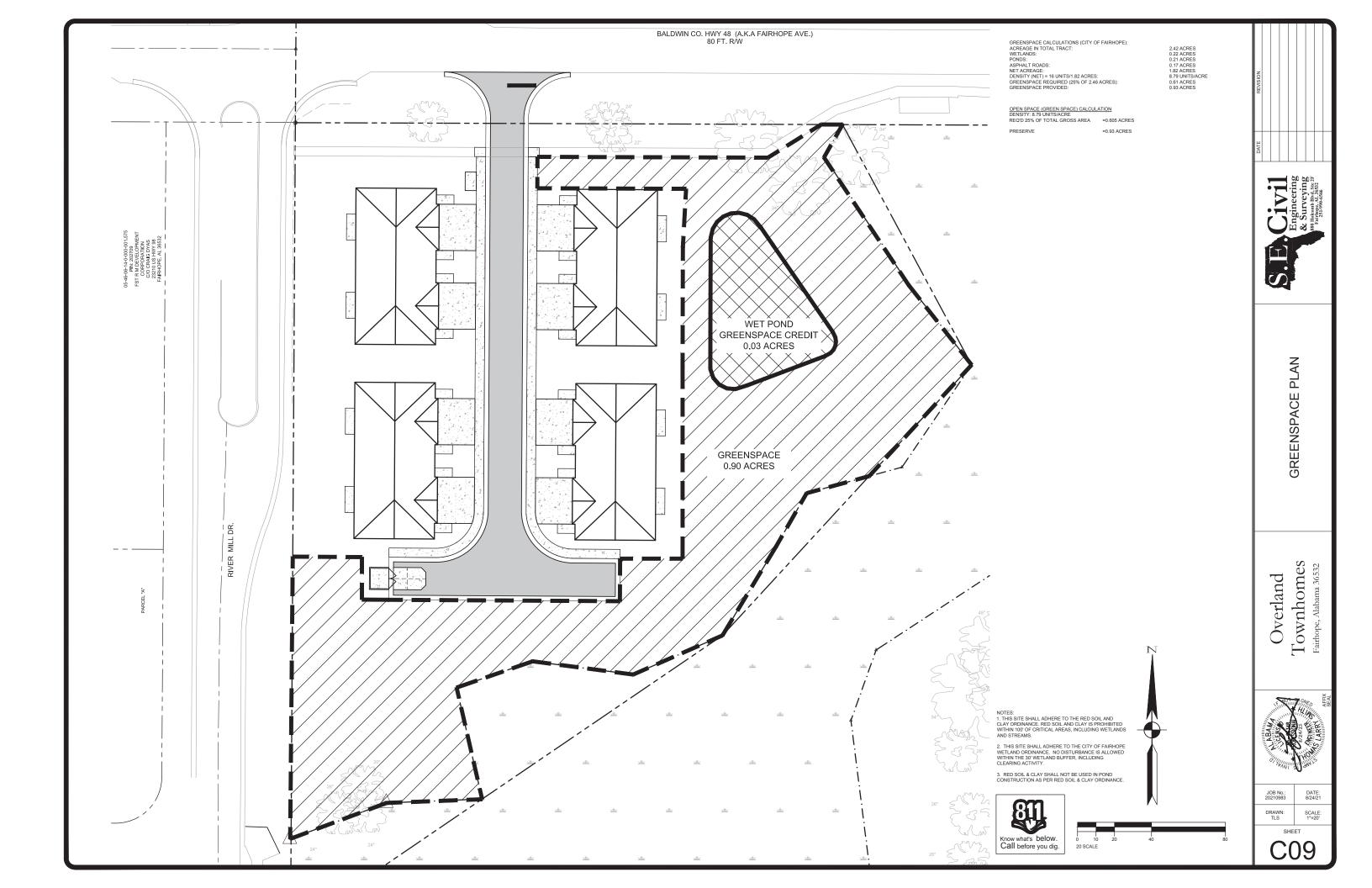
JOB No.: DATE: 20210983 8/24/21

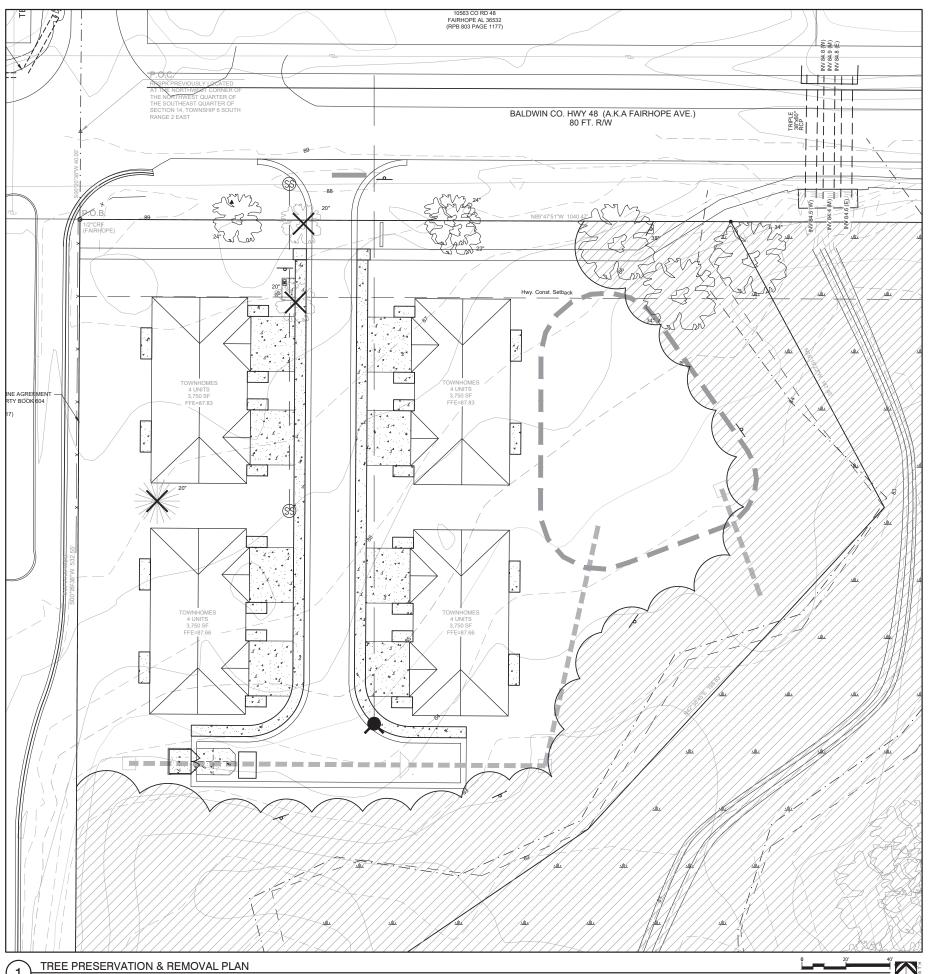
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C07

STORM & SANITARY
SEWER PROFILES
SEWER PROFILES
STORM & SAUVEYING
SEMENTAL STORY
S







TREE PRESERVATION NOTES

TREE SURVEY DISCLAIMER;

TREE PROTECTION

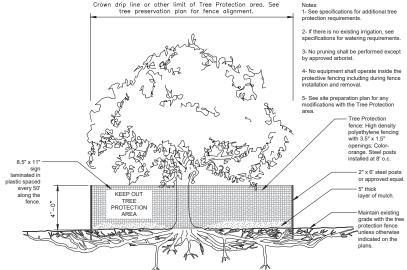
1/4" = 1"-0"

ALL TREE SURVEY INFORMATION HAS BEEN PROVIDED TO LANDSCAPE ARCHITECT BY S.E. CIVIL.

TREE PRESERVATION/REMOVAL NOTES:

- . ALL TREES PROPOSED FOR REMOVAL ARE SHOWN IN A SHADE OF GRAY WITH AN "X", WHILE ALL TREES TO BE PRESERVED ARE SHOWN IN BLACK.

 SEE BELOW FOR TREE PRESERVATION/REMOVAL CALCULATIONS.



TREE PRESERVATION CREDITS - Sec. 20.5-4(m) Total Trees To Be Preserved: 12 Trees 38 Credits Total Tree Credits Earned: DBH GENUS SPECIES COMMONNAME QTY CREDITS PER TREE TOTAL CREDITS Quercus virginiana virginiana Live Oak Live Oak Quercus virginiana Live Oak Pinus TREE REMOVAL Total Trees To Be Removed: 3 Trees Total Tree Debits:
Required Trees To Be Replaced: 6 Debits 6 Trees DBH GENUS SPECIES COMMONNAME QTY DEBITS PERTREE TOTAL DEBITS Pinus Pine 20" Quercus virginiana Live Oak



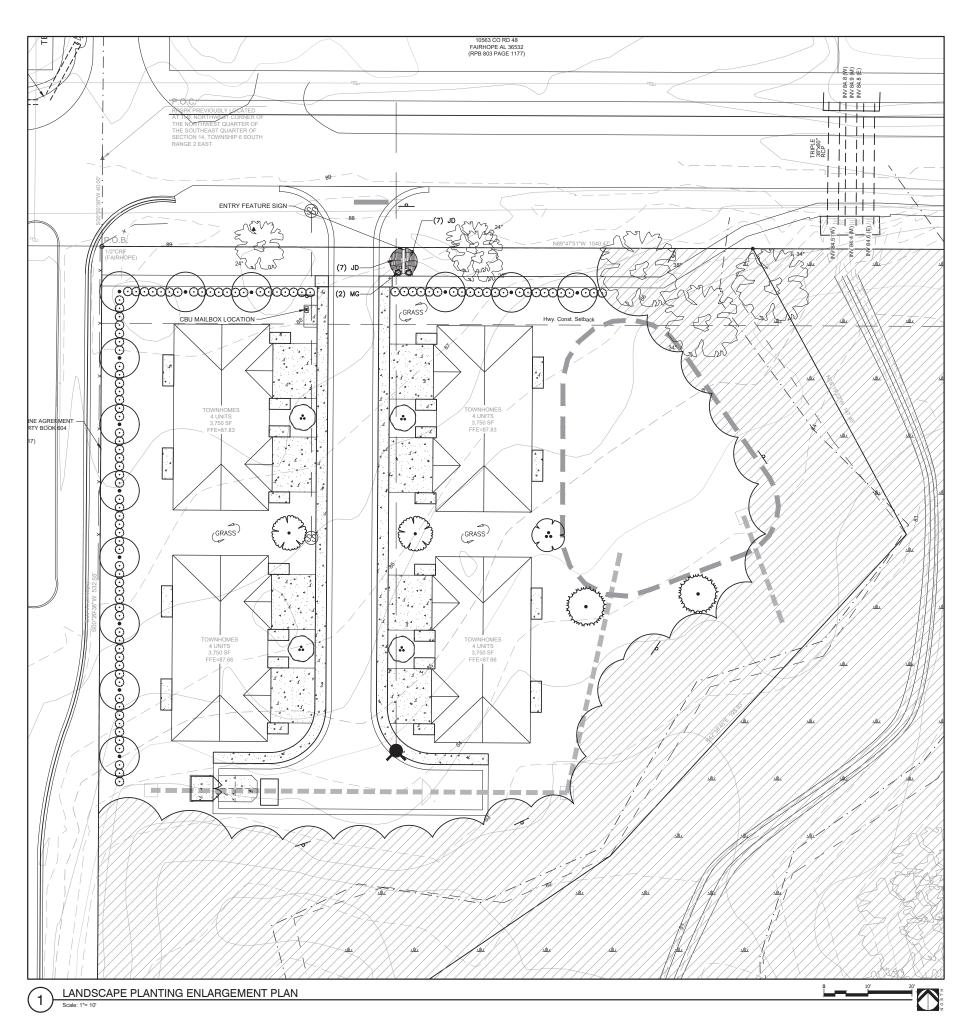
Overland Townhomes

No.	Date	Revisions / Submissions
	08.23.21	CITY SUBMITTAL
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TREE **PRESERVATION & REMOVAL PLAN**

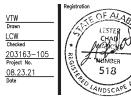
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A Landscape Development Plan for OVERIGNG TOWNHOMES Faithope, Alabama

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No.	Date	Revisions / Submissions CITY SUBMITTAL			
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LANDSCAPE PLANTING PLAN

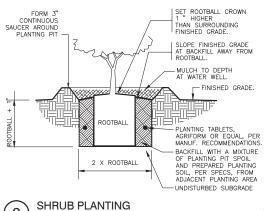
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OVERLAND TOWNHOMES 2 OVERLAN

OVERLAND TOWNHOMES

PLANT SCHEDULE											
TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	<u>HT</u>		REMARKS		
	ВН	1	BETULA NIGRA	RIVER BIRCH	15 GAL		8`-10`		MINIMUM 3 TRUNKS, FULL HEAD		
(.)	LN	4	LAGERSTROEMIA INDICA 'NATCHEZ'	'NATCHEZ' CRAPE MYRTLE	15 GAL		6`-8`		MINIMUM 3 TRUNKS; FULL HEAD		
	LT	2	LIRIODENDRON TULIPIFERA	TULIP TREE	15 GAL	1.5" - 2"	10`-12`		FULL HEAD, SPECIMEN QUALITY		
$\left(\cdot \right)_{i}^{n}$	QV	13	QUERCUS VIRGINIANA	SOUTHERN LIVE OAK	15 GAL	1.5" - 2"	8`-10`		FULL HEAD, SPECIMEN QUALITY		
	TD	2	TAXODIUM DISTICHUM	BALD CYPRESS	15 GAL	1.5" - 2"	8`-10`		FULL HEAD, SPECIMEN QUALITY		
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	<u>HT</u>	W	SPACING	REMARKS		
\odot	SB	96	VIBURNUM ODORATISSIMUM	SWEET VIBURNUM	3 GAL			48" o.c.			
GRASSES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	<u>HT</u>	<u>w</u>	SPACING	REMARKS		
	MG	2	MISCANTHUS SINENSIS 'ADAGIO'	ADAGIO MAIDEN GRASS	3 GAL			42" o.c.			
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	<u>HT</u>	<u>W</u>	SPACING	REMARKS		
	JD	14	JUNIPERUS CHINENSIS 'PARSONII'	PARSON'S JUNIPER	3 GAL			30" o.c.			

DETAIL-FILE



GROUNDCOVER PLANTING 4

1" = 1'-0"

GENERAL CONTINUONS

CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITE INSPECTION PRIOR TO LANDSCAPE CONSTRUCTION AND INSTALLATION IN ORDER TO ACQUAINT HIMSELF WITH EXISTING CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES BEFORE BEGINNING CONSTRUCTION.

CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF LANDSCAPE MATERIAL AT ALL TIMES. LANDSCAPE CONTRACTOR TO COORDINATE SAFE STAGING AREA WITH GENERAL CONTRACTOR AND/OR OWNER.

CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL, INCLUDING GRASS, FOR 365 CONSECUTIVE CALENDAR DAYS FROM SUBSTANTIAL COMPLETION OF THE WORK, AS DETERMINED BY THE PROJECT LANDSCAPE ARCHITECT.

ALL AREAS IMPACTED NEGATIVELY BY CONSTRUCTION PROCESSES SHALL BE RETURNED TO ORIGINAL CONDITION OR BETTER PRIOR TO SUBSTANTIAL COMPLETION.

LANDSCAPE AREA SOIL DEFENBACITION

SOIL SHALL BE AMENDED BY THE ADDITION OF COMPOST AND FERTILIZER.

COMPOST TYPE SHALL BE MUSHROOM COMPOST OR DECOMPOSED PINE BARK, AND SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PURCHASE. COMPOST SHALL BE LINFORMLY APPLIED OVER PLANTING BEDS AT AN AVERAGE DEPTH OF 2 INCHES AND OVER SOD AREAS AT AN AVERAGE DEPTH OF 3/4 INCHES AND OVER SOD AREAS AT AN AVERAGE DEPTH OF 6 INCHES AND IN SOD AREAS TO A DEPTH OF 3 INCHES USING A ROTARY TILLER OR OTHER AMD IN SOD AREAS TO A DEPTH OF 3 INCHES USING A ROTARY TILLER OR OTHER APPROPRIATE COUPPOST

TRENCH EDGE TO BE LOCATED BETWEEN ALL PLANTING AREAS AND LAWN, UNLESS NOTED OTHERWISE.
TREE STAKING SHALL BE PROVIDED TO KEEP TREES PLUMB AND PROTECTED FROM EXCESSIVE WINDS. ALL TREE—STAKING APPARATUS SHALL BE REMOVED AT THE END OF THE ONE—YEAR WARRANTY PERIOD.
ONE YEAR OF LANDSCAPE MAINTENANCE FROM SUBSTANTIAL COMPLETION SHALL BE INCLUDED AS AN OPTIONAL BID ITEM TO THE OWNER.

APPROPRIATE EQUIPMENT. PRE-PLANT FERRILIZER AND PH ADJUSTING ACENTS (E.G., LIME AND SULTUR) MAY BE APPLIED IN CONJUNCTION WITH COMPOST INCORPORATION, AS NECESSARY.

RAKE SOIL SURFACE SMOOTH PRIOR TO PLANTING.

REMOVE STONES LARGER THAN 1 INCH IN ANY DIMENSION AND STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEOUS MATTER AND LEGALLY DISPOSE OF THEM OFF OWNER'S PROPERTY.

WAIET THOROUGHLY AFTER PLANTING.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING 3% POSITIVE DRAINAGE IN ALL PLANTING BEDS. ANY OTHER PROPOSED DRAINAGE METHODS SHALL BE COORDINATED WITH PLANTING EFFORTS TO MINIMIZE CONFLICTS AND MAINTAIN PROPER FUNCTION OF DRAINAGE SYSTEMS. GENERAL PLANTING NOTES (6)

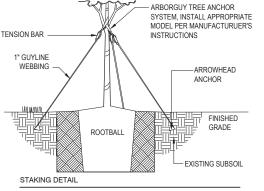
2)

1" = 1'-0"



ownhome Development Plan

Overland



NOTE:

STAKE TO FIRST BRANCHES AS NECESSARY FOR FIRM SUPPORT
WIRE SHALL NOT TOUCH OR RUB

ADJACENT TRUNKS OR BRANCHES

2 STRAND 12 GAUGE GALV. WIRE TWISTED AND 2 STRAND 12 GAUGE GALV. WIRE TWISTED AND ENCASED IN RUBBER HOSE 6-9" FROM TOP OF STAKE. 2 WIRE SUPPORTS SHALL BE USED ON MAIN STRUCTURAL TRUNK.

2" x 2" HARDWOOD STAKES DRIVEN FIRMLY A MINIMUM OF 18" INTO THE SUBGRADE PRIOR TO

FORM SAUCER WITH 3" CONTINUOUS RIM

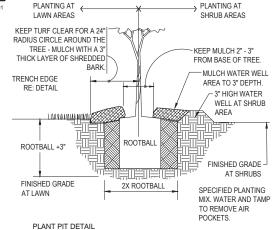
- SPECIFIED PLANTING MIX. WATER AND

BACKFILLING.

MULTI-TRUNK TREE STAKING

— 3" MULCH

SET ROOTBALL CROWN 1 1/2" HIGHER THAN THE SURROUNDING FINISHED GRADE, SLOPE BACKFILL AWAY FROM ROOTBALL FOR POSITIVE DRAINAGE.



TREE PLANTING - GUY STRAP

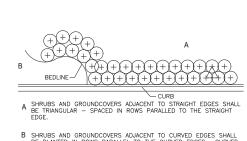
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Revisions / Submission 08.23.21 CITY SUBMITTAL

LCW Checked 203163-105 Project No. 08.23.21 518

LANDSCAPE PLANTING DETAILS

LP500



2" MULCH INSTALLED BEFORE PLANTING (PINE BARK MINI-NUGGETS ACCEPTABLE FOR INITIAL PLANTING IF TIGH SPACING NECESSITATES ITS USE.) PREPARE BED PER SPECS B SHRUBS AND GROUNDCOVERS ADJACENT TO CURVED EDGES SHALL BE PLANTED IN ROWS PARALLEL TO THE CURVED EDGES. CURVED EDGES TO BE VERY SMOOTH RADII. UNDISTURBED SUBGRADE

TYPICAL PLANT SPACING ິ3) NOT TO SCALE

NOT TO SCALE

PLANT MATERIAL AND PLANTING

PLANT QUANTITIES ARE OFFERED AS A CONVENIENCE TO THE CONTRACTOR, AND ARE NOT ABSOLUTE. CONTRACTOR SHALL VERIEY PLANT COUNT FROM PLAN AND ARE NOT ABSOLUTE. CONTRACTOR SHALL VERIEY PLANT COUNT FROM PLAN AND REPORT DIFFERENCES.

ALL PLANT MATERIALS ARE SUBJECT TO APPROVAL OR REFUSAL BY THE OWNER OR LANDSCAPE ARCHITECT AT THE JOB SITE.

PLANTS SHALL BE WELL FORMED, NIGOROUS, GROWING SPECIMENS WITH GROWTH TYPICAL OF VARIETIES SPECIFIED AND SHALL BE FREE FROM INJURY, INSECTS AND DISEASES. PLANTS SHALL EQUAL OR SURPASS QUALITY AS DEFINED IN THE CURRENT ISSUE OF "AMERICAN NURSERYMEN, INC. UNLESS NOTED SPECIFICALLY, ALL PLANT MATERIAL SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN.

FRONT ROW OF SHRUBS SHALL BE PLANTED FROM CENTER OF PLANT A MINIMUM OF 24" BEHIND BED LINE ® LAWNS OR WALKS AND A MINIMUM OF 36" BACK OF CURB © PARKING SPACES.

NO PRUNING SHOULD BE PERFORMED DURING FIRST GROWING SEASON EXCEPT FOR REMOVING DAMAGED OF DEAD GROWTH. WOUND PAINT IS NOT RECOMMENDED FOR AN CUTS.

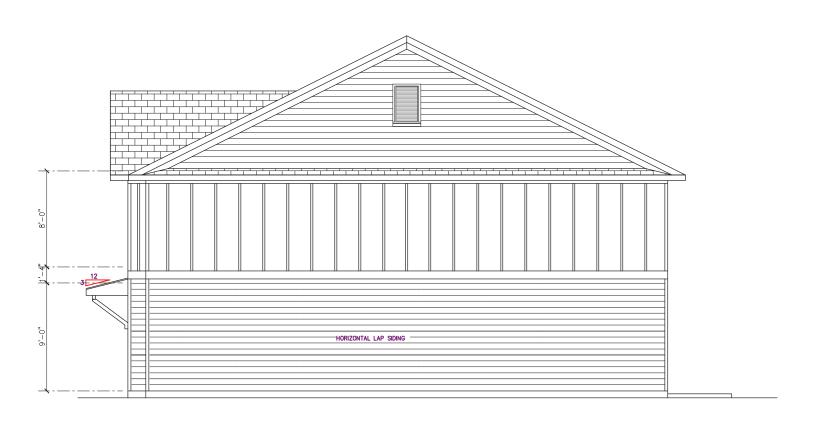
ALL PLANT HAS BARK.

3" DEPTH PINE BARK

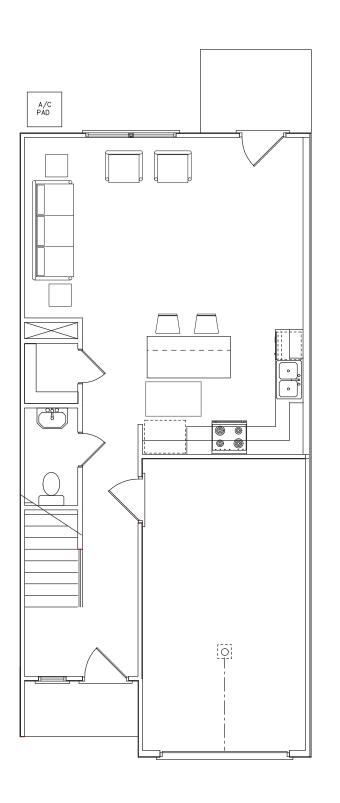
4" DEPTH SHREDDED HARDWOOD MULCH 3" DEPTH LONGLEAF PINESTRAW, SETTLED

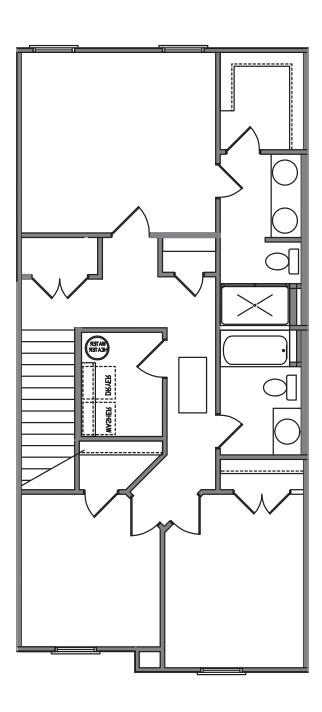


 $\frac{\text{FRONT ELEVATION}}{\text{SCALE:}} \frac{1/4" = 1'-0"}{}$











September 2, 2020

Joe Everson c/o Terra Core Development 29891 Woodrow Lane, Suite 300 Spanish Fort, AL 36527 john@terracoredev.com joe@terracoredev.com

Re: Wetland Delineation – County Rd 48, +/- 29.99 acres Baldwin County Parcel: 46-06-14-0-000-002.000

Dear Mr. Everson:

Biome Consulting Group, LLC (Biome) has completed a jurisdictional wetlands and waters assessment of the above referenced property. Our wetland assessment included an analysis of vegetative cover and makeup, wetland hydrology indicators and hydric soil indicators in accordance with federal, Army Corps of Engineers (COE), procedural guidelines.

The site was found to contain approximately 5.11-acres of wetlands within the jurisdiction of federal agencies. The jurisdictional boundaries were alphanumerically flagged with pink surveyor's tape, located via Trimble Geo7x GPS, and is depicted on the enclosed map using ArcMap 10.5 software. The following is a brief, technical summary of our findings relative to the regulatory agencies' potential involvement with this property:

U.S. ARMY CORPS OF ENGINEERS

Technical guidelines outlined in the US Army Corps of Engineers Wetlands Delineation Manual (1987) were applied in the field for determining the presence and location of jurisdictional wetlands on the above referenced lot. The on-site reconnaissance was conducted by walking multiple transects throughout the lot. The following technical details support our location of the jurisdictional boundary:

- 1. **General Observations**: The site is a parcel adjacent to a residential subdivision and undeveloped areas;
- 2. **Vegetation:** The upland area is dominated longleaf pine, live oak, water oak, tung tree, bracken fern, and ebony spleenwort, and the wetland area is dominated by sweetbay magnolias, swamp gum, sweetgum, tung tree, netted chain fern, and cinnamon fern;
- 3. **Soils:** According to the NRCS soil map, the peri-jurisdictional area is underlain by Bibb (hydric), Magnolia (non-hydric), Norfolk (non-hydric), Grady (hydric), Faceville (non-hydric), and Dorovan

(hydric), which was confirmed by on-site soil pit excavation. The **A5 Stratified Layers** indicator was present below the jurisdictional boundary and absent above;

4. **Hydrology:** Indicators of wetland hydrology observed on site include buttressing and rack debris.

All of the parameters necessary for the COE to exert jurisdiction were present in that portion of the property identified as wetland. Section 404 of the Clean Water Act (33 USC 1344) requires authorization from the Secretary of the Army, acting through the COE, for the discharge of dredged or fill material into all waters of the United States, including wetlands. Discharges of fill material generally include, without limitation: placement of fill that is necessary for the construction of any structure, or impoundment requiring rock, sand, dirt, or other material for its construction; site-development fills for recreational, industrial, commercial, residential, and other uses; causeways or road fills; dams and dikes; artificial islands; property protection or reclamation devices such as riprap, groins, seawalls, breakwaters, and revetments; beach nourishment; levees; fill for intake and outfall pipes and subaqueous utility lines; fill associated with the creation of ponds; and any other work involving the discharge of fill or dredged material. A COE permit is required whether the work is permanent or temporary.

The basic premise of the dredge and fill program is that no discharge of dredged or fill material may be permitted if: (1) a practicable alternative exists that is less damaging to the aquatic environment or (2) the nation's waters would be significantly degraded. What this means is when you apply for a permit, you must show that you have, to the extent practicable:

- Reasonably avoided all wetland impacts;
- Minimized potential impacts on wetlands; and
- Provide compensation for any remaining unavoidable impacts.

CONCLUSION

Based on our thorough assessment, we have concluded that 24.88-acres of the target property is upland with 5.11-acres of wetlands and other waters within the jurisdiction of the COE. Any proposal to develop the wetland portion of the property will require permits from the agency. We note that these calculations are based on an inspection boundary approximated from the county property appraiser depiction of the property boundary. An actual boundary survey may result in slightly different calculations.

A wetland delineation performed by an ecological consultant represents the professional opinion of the scientist that performed the work. Only the regulatory agencies can establish a legal and binding jurisdictional boundary. Such can be obtained by submitting a permit application and waiting several months for processing. For the purposes of local government permitting (e.g. building permit) this letter should suffice.

This report is intended for the sole use by the above listed addressee. Its contents may not be relied upon by other parties without the written consent of Biome Consulting Group.

This concludes our assessment of the target property. If you require additional information, assistance, or clarification, please give us a call at 850.435.9367. We look forward to being of assistance to you in the future.

Sincerely,

Biome Consulting Group

Sean O'Toole

Ecological Consultant

Partner

2238.013 Co Rd 48

Attachment: Wetland Jurisdiction Map



DRAINAGE NARRATIVE AND CALCULATIONS

OVERLAND TOWNHOMES

Prepared By:



PROJECT NUMBER: 20210983

ENGINEER'S CERTIFICATE

I, the undersigned, a Registered Professional Engineer in the State of Alabama holding Certificate Number 26348, hereby certify that I have reviewed the design herein which was done under my direct control and supervision and that, to the best of my professional knowledge and to the best of my belief, conforms to the requirements of the Fairhope Subdivision Regulations and to all other rules, regulations, laws, and ordinances applicable to

my design.

Project Engineer

August 24, 2021

Name of Project to which this Certificate Applies: Overland Subdivision Plans which are certified consist of Page i thru 89.

MAINTENANCE STATEMENT

An HOA shall be formed and will be required to maintain any and all stormwater facilities and structures located outside of the publicly accepted right-of-way.

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PROJECT DESCRIPTION

Overland Townhomes includes sixteen (16) residential units located in Fairhope, Alabama. The total project site contains approximately 2.42 acres. The site is in Section 14 of Township 6 South, Range 2 East and is on the south side of Baldwin County Hwy-48 (Fairhope Avenue) approximately 0.07 miles east of State Hwy-181.

The terrain of the site falls from west to east and discharges into an existing floodway, with elevations ranging from 89 ft to 81 ft. The site is wooded. A map showing the vicinity can be seen in *Appendix A*.

Water will be collected in a series of inlets and underground drainage. The underground drainage will discharge into a proposed wet pond on the east side of the property before discharging into the floodway.

PROPOSED HYDRAULIC ANALYSIS

The SCS method for runoff estimation was used to develop the detention calculations for the project. NOAA has published intensity curves specific to this area and the 2, 5, 10, 25, 50 and 100-year, 24-hour storm events were utilized in the drainage calculations for this site. The existing GIS contours along with field verified elevations for the area are used to determine the size of the drainage basin. A copy of the Drainage Map can be found in *Appendix A*. The drainage basin area is then plotted on the USDA Web Soil Survey to determine the soil characteristics. Soil surveys are made to provide information about the soils within the drainage area. They include a description of the soil types, their location, and tables that show soil properties and limitations affecting various uses. TR-20 presents a simplified procedure for estimating runoff and peak discharges in small watersheds. Using this procedure, the SCS Curve number method along with the information gained in the soil report, runoff is able to be estimated. The soil information for the site can be found in *Appendix D*.

The time of concentration (Tc) was also necessary for the flow estimate. This value was calculated utilizing the SCS Time of Concentration Calculations for Sheet Flow, Shallow Concentrated Flow, and Channel Flow.

HydroCAD utilizes the composite runoff curve number and the area of the drainage basin to determine the outflow of the drainage basin. A twenty-four-hour rainfall intensity for a two, five, ten, twenty-five, fifty, and one-hundred-year return storm event was applied to the drainage areas to determine the flow. The software was used to determine the flow exiting the drainage basin and entering the proposed detention pond for pre- and post-development scenarios. HydroCad analysis for the site can be found in *Appendix B*.

StormCAD was used to analyze the closed drainage systems for the proposed project. Curbs and gutters channel storm water from the roadways; the storm water is then collected into wing inlets and yard inlets, which eventually is piped to the proposed stormwater ponds. Pond outfall structures will be installed in the pond and discharge into the existing discharge point at a controlled rate less than the pre-developed rate. StormCAD analysis for the site can be found in *Appendix C*.

According to our post developed calculations, there will be no adverse effects from our development. **SUMMARY OF RESULTS**

Analysis determined that the proposed detention pond is adequate to effectively handle and store the peak post-development flows observed during a two, five, ten, twenty-five, fifty, and one-hundred-year return events. Please see HydroCad summary in *Appendix B* showing the pre-developed flow rates and post-

developed flow rates for the 2, 5, 10, 25, 50 & 100-year storm events and the associated high-water elevations.

A brief summary of the pre vs. post development discharge rates for the project may be seen below.

STORM EVENT		STUDY POINT 1	
FLOW RATES (cfs)	<u>PRE</u>	POST Discharge	HW (POND1)
2 YEAR	3.41	3.08	-
<u>5 YEAR</u>	5.49	4.62	-
<u>10 YEAR</u>	7.63	6.74	-
<u>25 YEAR</u>	11.15	10.14	84.47
50 YEAR	14.47	13.24	-
100 YEAR	18.01	16.67	85.15
POND TOP	-	-	85.50

WATER QUALITY CALCULATIONS

A = Area of the Site = 2.672 acres (site 2.42 acres + 0.252 off-site)

I = Percentage of Imperviousness = 29.6%

P = Rainfall treatment depth = 1.8 inches

Rv = Runoff coefficient

WQv = Water quality treatment volume

$$Rv = 0.015 + 0.0092I = 0.015 + 0.0092(29.6) = 0.287$$

$$WQv = P * Rv * A/12 = 1.8 \text{ inches } * 0.287 * 2.672 / 12 = 0.115 \text{ ac-ft} = 5,011 \text{ ft}^3$$

The water quality volume is provided within the Wet Pond Storage. The primary overflow orifice for the pond is set at an elevation of 82.00. The volume of the wet pond between an elevation of 78.00 feet and 82.00 feet is approximately 13,480 ft³.

TSS REMOVAL

The total suspended solids will be treated by the two wet ponds. Per the Subdivision Regulations, wet ponds have an 80% TSS removal efficiency.

DOWNSTREAM ANALYSIS

The site discharges into a natural floodway that leads to Cowpen Creek. At the point where the run-off from our site enters the existing draw, the upstream drainage basin is approximately 398.40 acres. Our site is approximately 2.42 acres. Our site is 0.61% of the drainage basin at that point, which is less than 10%, which is the typical threshold for downstream analysis.



FIRE FLOW TEST REPORT

Project:	Overland				
Engineer:	Larry Smith				
Date:	3/4/2021	Tim	ne: 9:30 AM		
FLOW HYDRA	NT				
Hydrant Loc	ation: Intersection	on of CR48	and Blueberry	Lane	
Size of Watern	nain, In.:8			Material:	PVC
Pitot, PSI:	45		Obs	served Flow, GPM:	1,125
Q _R , Calculated	Fire Flow @ 20 PSI:	9,100			
		Desired Systematics			
TEST HYDRAN	T (RESIDUAL)		_		
Hydrant Loc	eation: CR48 in fr	ont of the v	vater tower.		
Size of Watern	nain, In.: 8		Material:	PVC	
Static PSI:	68		Residual:	67	
Q _F = Total test flow			1,125		
H _R = Static Pressure	e minus 20 psi		48		
H _F = Static Pressure	minus Residual Pressure		1		
$Q_R = Q_F \times (H_R / H_F)$	0.54				
Where: On = Rated Canacit	y at 20 psi (in GPM)		0.100	GPM	
QR Rated Capacit	y at 20 psi (iii Gi Wi)		9,100		
The available F	ire Flow exceeds the	required 1	1000 gpm.	BA &	A May



August 24, 2021

Hunter Simmons
Fairhope Planning Department
555 S. Section Street
Fairhope, AL 36532

Re: Overland Townhomes, MOP - Traffic Letter

Dear Hunter:

This letter is to serve as back up information as to why a Traffic Impact Study is not warranted for this project. According to the subdivision regulations a traffic impact study is required if a project will increase the average daily traffic by 1,000 trips or generate 50 trips or more during any peak hour period. Attached is the ITE Trip Generation Report. The proposed development will consist of 16 townhome units. When plugging 16 townhomes into the ITE Trip Generation Report, we come up with 93 daily trips and 8 peak hour trips. This does not meet the threshold for a traffic study. Please refer to the attached ITE Trip Generation Report.

If you have any questions, please let me know.

Sincerely,

Larry Smith, PE larry@secivil.pro



Hunter Simmons Fairhope Planning Department 555 S. Section Street

Fairhope, Alabama 36532

Re: Overland Townhomes, MOP-ADEM Letter

Dear Hunter:

August 24, 2021

This letter is to acknowledge that we are aware that an ADEM NPDES permit will be required for this project. We respectfully request that we be allowed to provide the ADEM permit at the time of permit submittal.

If you have any questions, please let me know.

Sincerely,

Larry Smith, PE

Partner



CERTIFICATION OF PROPERTY OWNER NOTIFICATION LIST

As Required by the City of Fairhope

Hearings on Subdivision plat applications owners adjacent to the proposed subdivision current property owners' records available Office.	on. This list must be the most
By signing below, I Larry Smith	, (applicant) do hereby certify that
the property owner list attached to this app	plication was obtained from the
Baldwin County Revenue Office and is a co	omplete list of all real property
owners/lessees adjacent to the property su	abmitted from Subdivision approval.
	
	8/24/21
Signature of Applicant or Authorized Agent	Date of Application

Overland Adjacent Property Owners

Address	City St	State Zi	Zip
10681 CO RD 48	FAIRHOPE AL	36532	32
11623 HALCYON LOOP	DAPHNE AL	36526	56
10563 CO RD 48	FAIRHOPE AL	36532	32
10563 CO RD 48	FAIRHOPE AL	36532	32
10722 CO RD 48	FAIRHOPE AL	36532	32
10824 US HWY 98	FAIRHOPE AL	36532	32
10685 CO RD 48	FAIRHOPE AL	36532	32
P O BOX 226	FAIRHOPE AL	36533	33
10681 CO RD 48	FAIRHOPE AL	36532	32
19600 JACKSON LANE	SILVERHILL AL	36576	9/
10685 CO RD 48	FAIRHOPE AL	36532	32
20222 RIVER MILL DR	FAIRHOPE AL	36532	32
20234 RIVER MILL DR	FAIRHOPE AL	36532	32
161 CLUBHOUSE CIR	FAIRHOPE AL	36532	32
20258 RIVER MILL DR	FAIRHOPE AL	36532	32
372 PECAN AVE	FAIRHOPE AL	36532	32
20282 RIVER MILL DR	FAIRHOPE AL	36532	32
20294 RIVER MILL RD	FAIRHOPE AL	36532	32
20306 RIVER MILL DR	FAIRHOPE AL	36532	32
20318 RIVER MILL DR	FAIRHOPE AL	36532	32
12050 LAZZARI LANE	DAPHNE AL	36526	56
20342 RIVER MILL DRIVE	FAIRHOPE AL	36532	32
P O BOX 167	FAIRHOPE AL	36533	33
FST R M DEVELOPMENT CORPORATION C/O CRAIG DYAS 23210 U S HWY 98	FAIRHOPE AL	36532	32
P O BOX 167	FAIRHOPE AL	36533	33
10462 STEEL CREEK CT	FAIRHOPE AL	36532	32
20367 RIVERMILL DR	FAIRHOPE AL	36532	32
407 POMELO ST	FAIRHOPE AL	36532	32
20307 NORTHWOOD STREET	FAIRHOPE AL	36532	32
	 	FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE FAIRHOPE	FAIRHOPE AL

Authorization Letter

To Whom it May Concern:	
I, Northan L. Cox Owner of Record	_, hereby authorize
Larry Smith of S	E Civil
Authorized Agent C	E Civil Company
to represent me and to act on my behalf in regard t	to this application for
Overland Townhomes, MOP	
Type of Application or Request	
This authorization shall last for a period of six mo	enths.
Sincerely,	
Name: 68V Overland 2021, LLC, Owner State of Alabama County of Baldura	
I, the undersigned Notary Public in and for Nathan L. Got, whose name is signed to me, acknowledged before me on this day that, be instrument, he executed the same voluntarily on the	being informed of the contents of the
Given under my hand and official notarial seal this	s 13 th day of August, 2021.
N(OTARY PUBLIC by Commission Expires: May 23, 2022

OP ID: RS



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

08/11/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

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	DUCER	INCLIDANCE EVOLUNCE				CONTA NAME:					
203	2 VALL	INSURANCE EXCHANGE EYDALE ROAD				PHONE (A/C, No	o, Ext):		FAX (A/C, No):		
		IAM, AL 35244 D SIMPSON				E-MAIL ADDRE	SS:				
Α. Ι	TONALI	D OIMII OON				PRODU CUSTO	CER MER ID #: SEC	IV-1			
						INSURER(S) AFFORDING COVERAGE NAIC #					
INS	URED	S.E. CIVIL, LLC.				INSURER A: COLONY SPECIALTY INS. CO. 39993					
		LARRY SMITH 880 Holcomb Blvd., Uni	+ 2-F			INSURE	RB:THE HA	ANOVER IN	SURANCE GROUP		22292
		FAIRHOPE, AL 36532	t Z −I			INSURE	R C :				
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									PERSONAL & ADV INJURY	\$	
									GENERAL AGGREGATE	\$	
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		CITY OF FAIRHOPE 555 N. Sections Street FAIRHOPE, AL 36532			CITYFAI	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.					
		1 AIRTIGI E, AL 30332				AUTHORIZED REPRESENTATIVE					



August 9, 2021

Re: Overland Townhomes

Dear Fairhope Resident:

The City of Fairhope Resolution No. 2018-03 requires all property owners adjacent to property being considered for development approval to be notified by mail. The Baldwin County Revenue Office provided your information as a current adjacent property owner to the proposed development request described below.

68 V Pay Dirt, LLC is requesting city approval for Overland Townhomes. This development will consist of 16 residential units. The property is located on the south side of Fairhope Avenue and east of River Mill Subdivision. The parcel number of the property is 05-46-06-14-0-000-002.000.

S.E. Civil Engineering will hold a Community Meeting at 12:00 PM at our office at 880 Holcomb Boulevard, Suite 2F, in Fairhope, Alabama, on August 18, 2021. The meeting will be held outdoors to allow for social distancing. In the event of inclement weather, please call our office for an alternative location.

Should you have any questions or concerns, please contact me at (251)-990-6566.

Sincerely,

Larry Smith, PE larry@secivil.pro



OWNER
ROBERTA U. HARRIS, STEPHEN
JOHN URBANEK II, AND
MARGARET URBANEK DUNNAM
10824 U.S. HWY 98
FAIRHOPE AL 36532

DEVELOPER; 68V PAYDIRT, LLC 29891 WOODROW LANE, SUITE 300 SPANISH FORT AL 36527

PARCEL NO: 05-46-06-14-0-000-002.000

SITE DATA

SITE DATA

CURRENT ZONING: NONE
PROPOSED ZÓNING: PLU

PROPOSED ZÓNING: PLU

MAX COVERAGE: 9917

MAX COVERAGE: 9917

MAX COVERAGE: 9917

MAX COVERAGE: 9917

MAX LOVERAGE: 14,89 AC (49%)

TOTAL AREA: 90.70 AC

LARGEST LOT: 242 AC (11,4) PARCEL

COMMON AREA: 14,89 AC (49%)

TOTAL AREA: 90.70 AC

REQUIRED SETBACKS; FRONT: 25 FEET REAR: 25 FEET SIDE: 5 FEET SIDE STREET: 20 FEET

WATER SERVICE: CITY OF FAIRHOPE SEWER SERVICE: CITY OF FAIRHOPE ELECTRIC SERVICE: BALDWIN EMC TELEPHONE SERVICE: AT&T

GREEN SPACE DENSITY CALCULATION 30.70 TOTAL GROSS ACRES
-11.19 R.O.W., DETENTION & WETLANDS
19.51 ACRES

44% 3% 17% 5% 28% 3% 100%

77/19.51 = 3.94 UNITS PER ACRE (G.S. DENSITY) 15% REQUIRED (4.61 AC.)

QUALIFYING GREEN SPACE CALCULATION

8.57 UPLAND AREAS 0.45 30% OF PONDS 9.02 TOTAL ACRES (29.4% OF TOTAL SITE)



TYPICAL LOT



SURVEY NOT VALID WITHOUT ORIGINAL SIGNATURE AND SEAL.







Subdivision Community Meeting Meeting Notes

Meeting Date: August 18, 2021 Meeting Time: 12:00 PM

Meeting Location: SE Civil, LLC 880 Holcomb Blvd Suite 2F Fairhope, AL 36532

Hosted By: Larry Smith, PE, S.E. Civil

In Attendance

Larry Smith, PE, and Megan Smith, Administrative Assistant with SE Civil, LLC. No adjacent property owners or citizens from the community were present. The former property owners, Stephen J. Urbanek and Roberta Harris were in attendance. The property belonged to their father. Please see attached sign-in sheet.

Larry Smith, the civil engineer, began the meeting by showing the new site plan for the 16 townhomes. Mr. Urbanek wanted clarification on the timing of the phases being built. Larry explained that the townhomes would be built at a later date but due to the permitting process, we have to get the paperwork going. Overland has already begun construction of the first phase of the neighborhood. Larry also confirmed that the trail and boardwalk will be built in the second phase. Mr. Urbanek and Mrs. Harris asked about the plaque that they have requested honoring their father. The developer plans to install a plaque on the walking bridge during phase 2.

Larry ended the meeting at 12:15 when all of the attendees' questions had been answered. Larry thanked them for attending the meeting. He offered for them to reach out via phone or email if they thought of any more questions.

Next Steps:

• City of Fairhope Planning Commission will present the MOP application on Monday, October 4, 2021 at 5 PM.

Attachment:

• Sign In Sheet

Property	Signature	Email Address
Property	Signature	Liliali Address
BARBER, NATHAN ALAN ETAL BARBER, SHE 20234 RIVER MILL DR FAIRHOPE, AL 36532		
BISHOP, FLOYD A 10681 CO RD 48 FAIRHOPE, AL 36532		
BISHOP, WILLIAM AUSTIN ETAL ARNOLD 10681 CO RD 48 FAIRHOPE, AL 36532		
BURROUGHS, SHANNON 20294 RIVER MILL RD FAIRHOPE, AL 36532		
COX, NATHAN W ETAL COX, CLARA 20258 RIVER MILL DR FAIRHOPE, AL 36532		
DORRIS, ROSS AND WIGGINS LLC 161 CLUBHOUSE CIR FAIRHOPE, AL 36532		
DILLON, JOSHUA LEE ETAL DILLON, MERE 20367 RIVERMILL DR FAIRHOPE, AL 36532		
ELLIS, CHRISTOPHER ETAL ACKERMAN, TH 10462 STEEL CREEK CT FAIRHOPE, AL 36532		

FELTUS, HANNAH M 20318 RIVER MILL DR FAIRHOPE, AL 36532		
FISHER, CATHERINE L 20222 RIVER MILL DR FAIRHOPE, AL 36532		,
GRANT, CHAS W & GAYNELL B 10722 CO RD 48 FAIRHOPE, AL 36532		
GULLETT, DARRELL W ETUX BRENDA B 10685 CO RD 48 FAIRHOPE, AL 36532		
HARRIS, ROBERTA U ETAL URBANEK, STEPHEN 10824 US HWY 98 FAIRHOPE, AL 36532	Roberta Klassis Stephen Whanok	
HILBERT, JEANNE CLAIRE MILLER 12050 LAZARI LANE DAPHNE, AL 36526		
KLEIN, BRUCE MICHAEL 19600 JACKSON LANE SILVERHILL, AL 36576		
LAMBERT VENTURES, LLC 11623 HALCYON LOOP DAPHNE, AL 36526		

Property	Signature	Email Address
NOWLIN, KEVIN ETAL FORESTER,CATHLEE 20307 NORTHWOOD ST FAIRHOPE, AL 36532		
POLITO, DANIEL 20342 RIVER MILL DR FAIRHOPE, AL 36532		
REWERTS, CURTIS 10563 CO RD 48 FAIRHOPE, AL 36532		
RIVER MILL HOMEOWNER'S ASSOCIATION I PO BOX 167 FAIRHOPE, AL 36532		
RIVERSTATION PROPERTY OWNERS ASSOCIATION 407 POMELO ST FAIRHOPE, AL 36532		
R M DEVELOPMENT CORPORTAITON C/O CRAIG DYAS 23210 US HWY 98 FAIRHOPE, AL 36532		
SCHILING, MICHAEL PATRICK ETAL SCHIL 20306 RIVER MILL DR FAIRHOPE, AL 36532		
SCOVIL, PAMELA ETAL SCOVIL, BROOKE 20282 RIVER MILL DR FAIRHOPE, AL 36532		

SLOAN, STEVEN D 372 PECAN AVE FAIRHOPE, AL 36532 WILLIAMS, JAMES W C/O FARMER ELLA PO BOX 226 FAIRHOPE, AL 36533 ADDITIONAL ATTENDEES:	
PO BOX 226 FAIRHOPE, AL 36533	
ADDITIONAL ATTENDEES:	
ADDITIONAL ATTENDEES.	





September 08, 2021

Larry Smith S. E. Civil Engineering 880 Holcomb Blvd. Fairhope, Alabama 36532

RE: Overland Townhomes - PPIN 43640

Dear Mr. Smith:

This letter is in response to your request for information on the availability of service at the above proposed development by AT&T.

This letter acknowledges that the above referenced development is located in an area served by AT&T. Any service arrangements for the proposed development will be subject to later discussions and agreements between the developer and AT&T. Please be advised that this letter is not a commitment by AT&T to provide service to the Overland Townhomes.

Please contact me at the phone number included in this letter with any questions.

Thank you for contacting AT&T.

Sincerely, Wade Mitchell MGR OSP Planning & Engineering Design

I Guttell



To whom it may concern,

September 8, 2021

This letter is to inform you that Waste Management located at 18110 Eureka Dr. Foley, AL 36535, will be providing garbage pickup service for Overland Townhomes located in Fairhope, AL parcel pin # 43640. If you have any questions, please give me a call at (251) 424-5206.

Sincerely,

Katie Watts Waste Management kwatts@wm.com (251) 424-5206

P.O. Box 220 Summerdale, AL 36580-0220 (251) 989-6247

www.baldwinemc.com

September 14, 2021

Larry Smith, P.E. S.E. Civil, LLC 880 Holcomb Blvd. Suite 2-F Fairhope, AL 36532

Re: Overland Townhomes (16 units)

Dear Mr. Smith:

This letter is to confirm that the referenced development is in Baldwin E.M.C.'s service territory. Baldwin EMC is willing to service the development as long as the necessary easements are granted using our standard easement form and all other appropriate documents and fees are finalized in advance. Baldwin EMC must be given proper notice and planning time with respect to required system upgrades (transmission line, substation and distribution line). All system upgrades and line extensions will be in accordance with Baldwin EMC's current Line Extension Policy.

Please contact me to discuss necessary easements and fees.

Below is our typical required easements for subdivisions wanting underground power:

There is a dedicated herewith a 10 foot utility easement on all lot lines and common areas adjacent to the right-of-ways and a 5 foot utility easement on each side of lot and common area lines, unless otherwise noted.

If you have any questions or if I can be of further assistance, please do not hesitate to contact me at 251-989-0151.

Sincerely,

Brian Seals

Manager of Engineering

Brin Such

BS/ss



May 6, 2021

Sherry Sullivan
Mayor

Council Members

Kevin G. Boone

Robert A. Brown

Jack Burrell, ACMO

Jimmy Conyers

Corey Martin

Lisa A. Hanks, MMC City Clerk

Kimberly Creech City Treasurer Civil Engineering Mr. Larry Smith, PE 880 Holcomb Blvd, Suite 2F Fairhope, AL 36532

Dear Mr. Smith,

Regarding your availability request for the proposed Hwy 181 Development.

Water: Is available with main extensions. Capacity is not an issue through the City of Fairhope.

Sewer: Is available with sewer main extensions. Upgrades to existing lift station to meet capacity of development may be required through the City of Fairhope.

Gas: PPIN 17737 would be a state bore and high pressure under Hwy 181 so it will most definitely depend on gas usage and a cost involved.

PPIN 17735 gas is available through the City of Fairhope.

PPIN 77776 gas is available through the City of Fairhope.

Sincerely, City of Fairhope, AL

Jason, Langley, Superintendent, Water and Wastewater Department

Terry Holman, Superintendent, Gas Department

161 North Section Street
PO. Drawer 429

Fairhope, Alabama 36533

251-928-2136

251-928-6776 Fax

www.fairhopeal.gov

Printed on recycled paper

Frank Bishop

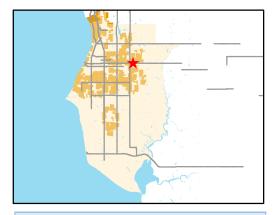
Mr. Bishop called on 9/24/2021 and stated that he had seen the Subdivision Request sign on County Road 48 for the Overland Subdivision/Overland Townhomes. He does not think that our infrastructure can handle more subdivisions. He also had concerns about traffic as traffic is already bad on County Road 48 and a lot of people speed.

City of Fairhope Planning Commission

October 4, 2021



SD 21.41 - Aldi Subdivision



Project Name:

Aldi Subdivision

Site Data:

7 acres +/-

Project Type:

5 Unit Multiple Occupancy Project

Jurisdiction:

Fairhope Planning Jurisdiction

Zoning District:

Unzoned

PPIN Number:

248109 & 211347

General Location:

Northeast corner of the intersection of County Road 48 and State Highway 181

Surveyor of Record:

Engineer of Record:

Kimley Horn

Owner / Developer:

FST Aldi, Inc

School District:

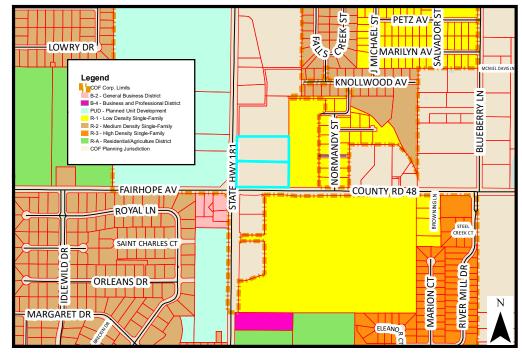
Fairhope East Elementary School Fairhope Middle and High Schools

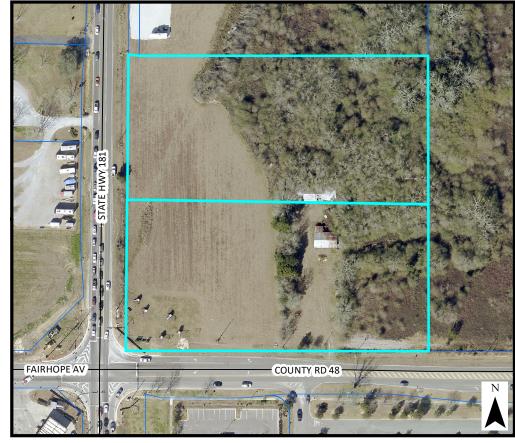
Recommendation:

Approved w/ Conditions

Prepared by:

Mike Jeffries







APPLICATION FOR PRELIMINARY PLANS APPROVAL

Application Type:	☐ Village Subdivision	☐ Minor Subdivision	☐ Informal (No Fee)
	☐ Preliminary Plat	☐ Final Plat	☐ Multiple Occupancy Project
Attachments: Date of Application:	Articles of Incorporation o	or List all associated investors	resulting resident
	Property Owner /	Leaseholder Informa	otion
Name of Proper	rty Owner: FST ALDI IN	C (Alabama) Phone N	Jumber
Address of Prop	perty Owner: C/O Ryan T	ax Compliance SER, PO Box	460049 Dept 501
City: HOUSTON		State: TX	Zip: 77056
Proposed Subd	ivision Name: ALDI SU	JBDIVISION	
No. Acres in Pla	at: 7	No Lots/Units	· 2 Lots / 5 Units
Parcel No: ALDI	, INC. OF ALABAMA	Current Zoning	NONE NONE
Plat r	nust be signed by the property of	Agent Information	Situr of Painhau
Name of Author	rized Agent: Dave Hassen	Phone N	Number: (615) 449-8840
Address: 25000 t	JS HWY 98, Building C Ste. 20	1	(differ: _(e10) + 13 00 10
City: _Daphne		State: AL	Zip: 36526
Contact Person	Dave Hassen		p
	Surveyor/Eng	gineer Information	
Name of Firm:	KIMLEY HORN AND ASSO	~	umber: (772) 794 - 4100
Address: 189 SO	UTH ORANGE AVE, STE 100	0	umber: (172) 794 - 4100
City: ORLANDO	Ş	State: FL	Zip: 32801
Contact Person:	Matthew Gillespie		Zip. <u>32801</u>
Plat Fee Calculation	a:		
	(5 or more lots) - \$2000 b	pase fee plus	. (0150 5 1
	\$150.00	per lot/unit \$2,000	$+ (\$150 \times 5 \text{ units}) = \$2,750$
Signatures:			
I certify that I am the	ne property owner/leaseho	lder of the above describe	ed property and hereby
submit tins plat to	the City for review. *If pro ax representative shall sign	nerty is owned by Foishes	C:1- W C
	C. bu: David Hassen	in this application.	
	aseholder Printed Name	Signature	
September 13		Olginatur.	55
Date		Fairhope Single Tax	Corp. (If Applicable)
		Leuben E. N	awidson, III
		KCTA C	6
		13162	ecretary

Summary of Request:

The applicant is FST, ALDI, Inc. Dave Hassen with Kimley Horn and Associates is the Authorized agent for the project. This application is for a 5-unit Multiple Occupancy Project containing approximately 7 acres and is located at the northeast corner of the intersection of County Road 48 and State Highway 181, to be known as the ALDI Subdivision. The property is unzoned Baldwin County but lies within the Planning Jurisdiction of Fairhope and is being reviewed as a Multiple Occupancy Project (MOP) under the City of Fairhope's Subdivision Regulations. This application is for preliminary approval. If approved an application for final MOP approval must be submitted to close out the project and record any necessary documents.

Comments:

- Traffic Study: A full traffic study was conducted and recommends three driveways:
 - Proposed Site Driveway 1
 - On the site, construct a full-movement stop-controlled driveway with one (1) ingress lane entering the site and two (2) egress lanes exiting the site, per the site plan.
 - Proposed Site Driveway 2
 - On the site, construct one (1) ingress lane entering the site and one (1) egress lane exiting the site, per the site plan.
 - Proposed Site Driveway 3
 - o On the site, construct one (1) ingress lane entering the site, per the site plan.

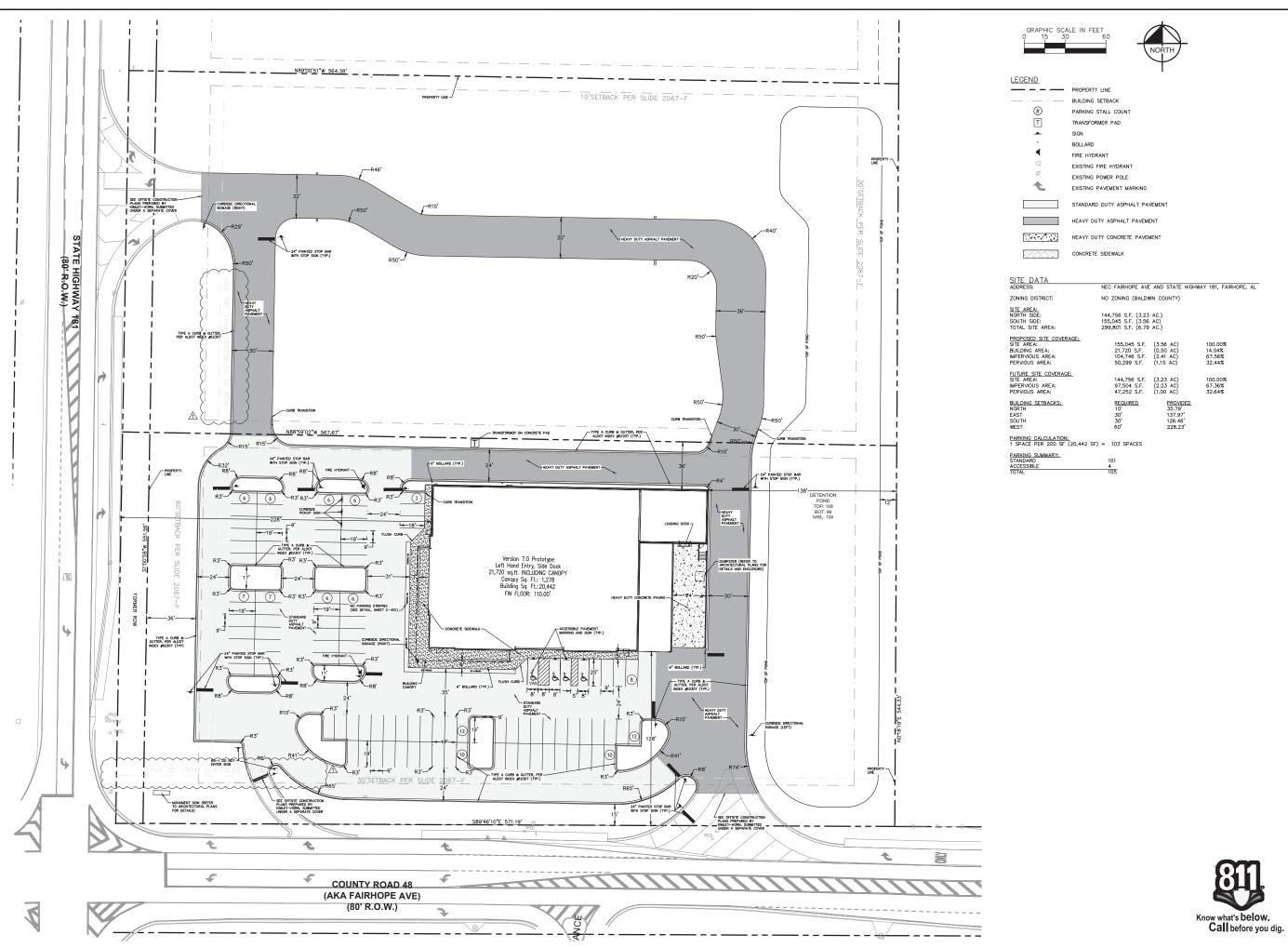
All recommended traffic improvements shall be installed prior to Final MOP approval and will require appropriate permits through ALDOT and Baldwin County Highway Department (BCHD).

- Drainage: Water will be collected in a series of inlets, underground drainage pipes, and ditches. The underground drainage will discharge into the proposed wet pond on the east side of the property. Once capacity of the wet pond is reached, the stormwater will be conveyed to an existing ditch on the northside of the property. Post-development flow is less than pre-development flow.
 - Drainage entering ALDOT and BCHD ROW's will also be reviewed by those authorities.
 - Drainage study accounted for future development and any deviation may require an engineer to verify the adequacy of the installed drainage network.
- Landscaping as shown on landscaping plans shall all be installed before application for final MOP.
- 10% greenspace is required resulting in 30,000 SF. 20,000 SF will be provided with the construction of the first unit. The remainder shall be installed with final build out.
- Sidewalks along Fairhope Avenue and HWY 181 as shown on pedestrian plan shall be installed before application for final MOP.
- Utilities:
 - Electric Baldwin EMC
 - Gas, Water, Sewer Fairhope, required upgrades and any required easements have been discussed. Any Aid to Construction will be required at time of permitting.
 - Garbage will be Baldwin County Solid Waste or a private company.

Staff Recommendation:

Approve with the following conditions:

- 1. Future Development shall contain a minimum of 9,717 SF designated as greenspace that does not include portions of land used for drainage.
- 2. The plat for the property shall be amended to satisfy Baldwin County Comments.
- 3. Applicant shall provide a signed Memorandum of Transmittal from Baldwin County.



Kimley»Horn

PLAN

SITE

ALDI FAIRHOPE PREPARED FOR ALDI INC.

SHEET NUMBER
C-300

VICINITY _

CONSTRUCTION PLANS

ALDI FAIRHOPE

LOCATED IN

CITY OF FAIRHOPE, ALABAMA

NE CORNER OF COUNTY HWY 48 AND STATE HWY 181

FAIRHOPE, AL 36532

SECTION 14, TOWNSHIP 6S, RANGE 2E

PARCEL ID: 248109

9/15/2021







PROJECT LOCATION

PROJECT TEAM

APPLICANT ALDI, INC. OF ALABAMA 2800 POST OAK BLVD., SUITE 4200 HOUSTON, TX 77056

(931) 205-8364 DAVE.HASSEN@ALDI.US

GEOTECHNICAL CONSULTANT

DAVID G, MARSH, P.E.
ECS SOUTHEAST, LLP
133 W. OXMOOR ROAD, SUITE 205
BIRMINGHAM, AL 35209
(205) 588-509
DMARSH@ECSLIMITED.COM

SURVEYOR

WILLIAM LAWLER LAWLER AND COMPANY, INC. 2879 CLAUDIA LANE THEODORE, AL 36582 (251) 661-9411 FAX: (251) 661-9177 WILL@LAWLERPLS.COM

CIVIL ENGINEER
MATTHEW S. GILLESPIE, P.E.
KIMLEY-HORN AND ASSOCIATES, INC.
189 SOUTH ORANGE AVENUE, SUITE 1000 ORLANDO, FLORIDA 32801 (407) 898-1511

LANDSCAPE ARCHITECT RAY STRYCHALSKI, P.L.A. KIMLEY-HORN AND ASSOCIATES, INC. 445 20TH STREET, SUITE 200 VERO BEAC, FL 32960 (7772) 794-4100

ENVIRONMENTAL CONSULTANT

LORI PARKER ECS SOUTHEAST, LLP 133 W. OXMOOR ROAD, SUITE 205 BIRMINGHAM, AL 35209 (615) 885-4983 LPARKER@ECSLIMITED.COM



ELECTRIC PROVIDER BRIAN SEALS

NATURAL GAS PROVIDER

TERRY HOLEMAN
FAIRHOPE GAS DEPARTMENT
555 S. SECTION STREET
FAIRHOPE, AL 36533
(251) 990-8003
TERRY HOLEMAN

BALDWIN FMC 21801 LINIVERSITY LANE ORANGE BEACH, AL 36561 (251) 989-0154 BRIAN.SEALS@BALDWINEMC.COM

PROJECT LOCATION

BUILDING DIVISION

ENGINEERING ERIK CORTINAS CITY OF FAIRHOPE ALABAMA

555 S SECTION ST FAIRHOPE AL 36533

CITY OF FAIRHOPE ALABAMA 555 S SECTION ST. FAIRHOPE, AL 36533 (251) 990-0141

PLANNING AND ZONING

MARY BOOTH
BALDWIN COUNTY PLANNING AND ZONING
22251 PALMER STREET
ROBERTSDALE, AL 36567 972-8531

(251) 470-8273 SMITHMI@DOT.STATE.AL.US



INDEX OF SHEETS

SHEET NUMBER SHEET TITLE

SHEET NUMBER	SHEET TITLE
C-000	COVER SHEET
C-001	GENERAL NOTES
C-100	EROSION AND SEDIMENT CONTROL PLAN - PHASE 1
C-101	EROSION AND SEDIMENT CONTROL PLAN - PHASE 2
C-102	EROSION CONTROL DETAILS
C-200	EXISTING CONDITIONS AND DEMOLITION PLAN
C-300	SITE PLAN
C-400	PAVING, GRADING AND DRAINAGE PLAN
C-401	PAVING, GRADING AND DRAINAGE DETAILS
C-402	PAVING, GRADING AND DRAINAGE DETAILS
C-403	PAVING GRADING AND DRAINAGE DETAILS
C-500	UTILITY PLAN
C-501	LITILITY PLAN

UTILITY DETAILS

LIFT STATION PLAN



C-502

C-600

Matthew S. Gillespie, P.E. State of Alabama Professional Engineer, License No. 34176



SHEET COVER

N FAIRHOPE PREPARED FOR ALDI INC. \Box

F

C-000

STORMWATER ERIK CORTINAS CITY OF FAIRHOPE ALABAMA 555 S SECTION ST FAIRHOPE AL 36533

LIST OF CONTACTS

FAIRHOPE WATER & WASTEWATER 300 N CHUCH STREET FAIRHOP, AL 36532 PHONE: (251) 620-7147 FAX: (251) 990-0193

SANITARY SEWER FAIRHOPE WATER & SEWER DEPARTMENT 555 S. SECTION STREET FAIRHOPE, AL 36533 (251) 928-8003

ALDOT
MIKE SMITH
ALABAMA DEPARTMENT OF TRANSPORTATION
P.O. BOX 303050
MONTGOMERY, AL 36130

CONTRACTOR RESPONSIBILITIES:

- 1. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR:
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED AND EXISTING CONDITIONS INCLUDING UTILITIES (INVERTS, CONNECTIONS, MATERIALS, ETC.) AND DIMENSIONS WITHIN THE LIMITS OF WORK PRIOF THE START OF CONSTRUCTION.
- B. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILED BUILDING INFORMATION.
- PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE SHALL OCCUR INSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.

2. DURING CONSTRUCTION:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT PRIOR WRITTEN CONSENT OF THE ENGINEER MAY CAUSE THE WORK TO BE UNACCEPTABLE.
- THE CONTRACTOR SHALL USE MATERIALS AND EMPLOY CONSTRUCTION METHODS IN ORDER TO COMPLY WITH THE DRAWINGS AND SPECIFICATIONS. WHERE A CONFLICT OCCURS, THE STRICTEST DESIGN SHALL GOVERN. THE ENGINEER'S REVIEW OF SHOP DEARWINGS, PRODUCT DATA, ETC., DOES NOT RELIEVE THE CONTRACTOR FROM COMPLYING WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY SPECIFIC DEVIATIONS AND OBTAIN ENGINEER'S WRITTEN APPROVAL OF THE SPECIFIC DEVIATION.
- C. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
- ALL CONSTRUCTION MUST CONFORM TO THE STANDARDS, SPECIFICATIONS, AND CODES OF THE GOVERNING MUNICIPALITIES.
- CONSTRUCTION SHALL MEET ALL CURRENT STANDARDS SET FORTH IN THE AMERICANS WITH DISABILITIES ACT.
- IF THE CONTRACTOR DAMAGES ANY EXISTING UTILITIES DURING CONSTRUCTION, HE SHALL, AT HIS OWN EXPENSE, REPLACE OR REPAIR THE UTILIES TO ORIGINAL CONDITION AND QUALITY AS APPROVED BY THE OWNER AND REPRESENTATIVE OF THE APPROPRIATE UTILITY COMPANY.
- SUFFICIENT BARRICADES, LIGHTS, SIGNS, AND OTHER TRAFFIC CONTROL METHODS IN ACCORDAN WITH GOVERNING ORDINANCES MAY BE NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC. SAID CONTROL DEVICES SHALL BE PER THE MANUAL OF TRAFFIC CONTROL DEVICES, MULTICLD, CURRENT EDITION, AND SHALL BE PROVIDED AND MAINTAINED THROUGHOUT
- TRAFFIC CONTROLS AND OTHER WARNING DEVICES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY WORK ON CITY, COUNTY, OR ALABAMA DEPARTMENT OF TRANSPORTATION ROADS. THEY SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL THE CONCLUSION OF ALL WORK.
- ALL WARNING DEVICES SHALL BE EITHER TYPE I BARRICADES OR DRUMS WITH WARNING LIGHTS ON EVERY OTHER DEVICE. THEY SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION, AND CITY OF FAIRHOPE STANDARDS FOR COLOR, SIZE, REFLECTIVITY, HEIGHT, AND PLACEMENT.
- J. FIRE DEPARTMENT ACCESS SHALL BE MAINTAINED AT ALL TIMES.
- CONTRACTOR SHALL SHORE AND BRACE ALL EARTH, FORMS, CONCRETE, STEEL, WOOD, AND MASONRY TO RESIST GRAVITY, EARTH, WIND, THERMAL, CONSTRUCTION, AND MISCELLANEOUS LOADS DURING CONSTRUCTION.
- L. ON-SITE BURIAL OF DEBRIS IS PROHIBITED.
- M. UNLESS OTHERWISE NOTED THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL FABRICATED MATERIALS TO THE ENGINEER. DESIGN DOCUMENTS SHALL NOT BE REPRODUCED AS SHOP DRAWINGS.
- IN CASE OF UNFORESEEN CONSTRUCTION COMPLICATIONS OR DISCREPANCIES, THE CONTRACTOR IS TO IMMEDIATELY NOTIFY THE ENGINEER IN WRITING.
- O. ALL REQUIRED TESTING REPORTS SHALL BE AVAILABLE AT THE JOB SITE.
- AS-BUILT DRAWINGS OF ROADWAYS, STORM DRAINS, SANITARY SEWER AND WATER LINES, FIELD APPROVAL BY THE ENGINEER, AND ALL APPLICABLE BONDS ARE REQUIRED PRIOR TO FINAL ACCEPTANCE BY THE OWNER.
- Q. CONTRACTOR SHALL MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL EXISTING BUILDING THROUGHOUT CONSTRUCTION UNLESS APPROVAL FOR SERVICE INTERRUPTION IS OBTAIN OWNERS IN ADVANCE.
- THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS TO ENSURE THAT THE NEW WORK SHALL FIT INTO THE EXISTING SITE IN THE MANNER INTENDED AND AS SHOWN ON THE DRAWNIGS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE DRAWNIGS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO PERFORMING ANY WORK IN THE AREA INVOLVING DIFFERENCES. NOTIFICATION SHALL BE IN THE FORM OF A DRAWNIG OR SKETCINDICATING FIELD MEASUREMENTS AND NOTES RELATING TO THE AREA.
- ANY FOREIGN ITEM FOUND DURING CONSTRUCTION IS THE PROPERTY OF THE OWNER. THIS INCLUDES, BUT IS NOT LIMITED TO, PRECIOUS METALS, COINS, PAPER CURRENCY, ARTIFACTS AND
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO THE PREMISES OR ADJACENT PREMISES, OR INJURIES TO THE PUBLIC DURING THE CONSTRUCTION OF THE WORK, WHETHER CAUSED BY HIMSELF, HIS SUBCONTRACTORS, OR THE CARRELESSNESS OF ANY OF HIS EMPLOYEES.
- THE CONTRACTOR ACKNOWLEDGES & AGREES THAT THE WORK IS ENTIRELY AT HIS RISK UNTIL SITE IS ACCEPTED, AND HE WILL BE HELD RESPONSIBLE FOR ITS SAFETY BY THE OWNER. THE CONTRACTOR WILL INDEMNIFY THE OWNER & OWNER'S REPRESENTATIVE FROM LIABILITY AT THE SITE THROUGHOUT THE CONSTRUCTION PROCESS.
- THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES AND OBTAIN ALL PERMITS AND PAY ALL LEGAL FEES. HE SHALL ALSO COMPLY WITH ALL CITY, COUNTY AND STATE BUILDING LAWS, ORDINANCES OR REGULATIONS RELATING TO BUILDING SIDEWALKS, STREETS, BLASTING, PUBLIC INFRASTRUCTURE, STORMWATER REGULATIONS, ETC.
- THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE DAMAGE OR LOSS OF ANY REFERENCE POINTS AND HUBS DURING THE CONSTRUCTION OF HIS WORK, AND SHALL BEAR THE COST OF REPLACING SAME.
- CARE SHALL BE TAKEN TO PROTECT ANY UTILITIES, TREES, ETC. WHICH ARE TO REMAIN AND NOT TO BE DISTURBED BY THE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO SUCH PROPERTY.

DEMOLITION INFORMATION:

1. NOTIFICATIONS:

THE CONTRACTOR SHALL NOTIFY THE OWNER AND CITY INSPECTOR(S) 24 HOURS PRIOR TO ANY DEMOLITION OR CONSTRUCTION.

- A. ONLY ITEMS SPECIFICALLY NOTED TO BE DEMOLISHED SHALL BE REMOVED FROM THE SITE.
- C. ALL DEBRIS RESULTING FROM DEMOLITION SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY BY THE CONTRACTOR IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS. BACKFILL ALL TRENCHES AND EXCAVATIONS RESULTING FROM
- D. ALL DEMOLISHED MATERIAL BECOMES THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE NOTED.

3. TREE PROTECTION GUIDELINES:

A. PROTECT ALL EXISTING TREES NOTED "TO REMAIN" AND ALL ITEMS TO BE TURNED OVER TO THE OWNER DURING DEMOLITION. TAKE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES. ANY EXISTING ITEMS TO BE TIRNED OVER TO THE OWNER WHICH ARE DAMAGED DURING DEMOLITION SHALL BE REPARED AT NO ADDITIONAL COST TO THE OWNER. THESE WHICH ARE DAMAGED WILL BE REPLACED OR REIMBURSED AT A RATE TO BE DETERMINED BY THE OWNER.

4. UTILITIES:

- A. PRIOR TO REMOVING OR ABANDONING ANY UTILITY THE CONTRACTOR SHALL VERIFY THAT NO UPSTREAM SERVICE WILL BE TERMINATED. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY TERMINATION NOT SHOWN ON THE PLANS.
- B. ALL ABANDONED WATER LINES, STORM SEWER PIPE, SANITARY SEWER PIPES, GAS LINES, OR ANY OTHER ABANDONED UNDERGROUND UTILITY SHALL BE ABANDONED IN PLACE UNLESS NOTED OTHERWISE.

SITE INFORMATION:

- 1. THE FOLLOWING ARE APPLICABLE TO ALL CIVIL DOCUMENTS:
 - WHERE A DETAIL SECTION, TYPICAL SECTION, OR A NOTE IS SHOWN FOR ONE CONDITION IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS, UNLESS OTHERWISE NOTED ON
- B. EXISTING AND PROPOSED CONTOURS ARE AT ONE (1) FOOT INTERVALS.
- C. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- D. ALL PIPE LENGTHS SPECIFIED IN THESE PLANS ARE THE HORIZONTAL DISTANCE AND ARE SHOWN FOR REFERENE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE ACTUAL LENGTHS BASED ON PROPOSED PIPE SLOPE.
- E. PIPE LENGTHS IN PLANS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.

EROSION AND SEDIMENT CONTROL INFORMATION:

- A. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES.
- PROVISIONS TO PREVENT EROSION OF SOIL FROM THE SITE SHALL BE AT A MINIMUM IN CONFORMANCE WITH THE REQUIREMENTS OF THE ALABAMA EROSION AND SEDIMENT CONTRIANDBOOKS, CURRENT EDITION. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL OR MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT
- C. FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB SITE UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE STANDARDS SPECIFIED IN THE ALABAMA EROSION AND SEDIMENT CONTROL HANDBOOKS, CURRENT EDITION.
- EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO LAND DISTURBANCE. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER HIMMEDIATELY.
- THE CONSTRUCTION OF THE SITE WILL COMMENCE WITH THE INSTALLATION OF EROSION CONTROL MEASURES SUFFICIENT TO CONTROL SEDIMENT DEPOSITS AND EROSION. ALL SEDIMENT CONTROL WILL BE MAINTAINED UNTIL ALL UPSTREAM GROUND WITHIN THE CONSTRUCTION AREA HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION AND ALL ROADS/DRIVEWAYS HAVE BEEN PAVED.
- CONSTRUCTION EXITS SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY OR EXIT FROM THE SITE AND SHALL BE MAINTAINED IN A CONDITION WHICH MILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS—OF—WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH STONE AS CONDITIONS DEMAND, REPAIR, AND/OR CLEANDUIT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, PROPPED, WASHED, OR TRACKED FROM VEHICLES OFF SITE ONTO PUBLIC RIGHTS—OF—WAY MUST BE REMOVED IMMEDIATELY. ACCES POINTS PROTECTED WITH A CONSTRUCTION EXIT SHALL BE OTHERWISE BARRICADED UNTIL THE SITE IS STABILIZED.

CONCRETE INFORMATION (SITE WORK ONLY):

1. PRODUCT CRITERIA:

- A. UNLESS OTHERWISE NOTED CEMENT SHALL BE TYPE I OR III CONFORMING TO ASTM C150. AGGREGATES SHALL BE NORMAL WEIGHT CONFORMING TO ASTM C33.
- C. SLUMP SHALL BE 3" TO 5" FOR REGULAR MIX. LARGER SLUMP SHALL BE PERMITTED WITH WATER REDUCING ADMIXTURES AND WRITTEN CONSENT OF THE ENGINEER.
- CONCRETE PAVEMENT (LB. PER C.Y. OR MIX) SHALL BE AS FOLLOWS: 1"-520, 3/4"540, 1/2"-590, 3/8"-610.

- A. CONCRETE CURING SHALL COMPLY WITH ACI 308. CURING PROCESS SHALL START IMMEDIATELY FOLLOWING INITIAL SET. CURING SHALL BE BY CURING COMPOUND.
- B. CONCRETE EXPOSED TO THE WEATHER SHALL BE AIR-ENTRAINED IN ACCORDANCE W 318-89 TABLE 4.1.1. NORMAL WEIGHT CONCRETE SLABS SHALL HAVE AIR CONTENT ACCORDANCE WITH ACI 302.IR-89 TABLE 5.2.7A.
- HOT WEATHER CONCRETING SHALL COMPLY WITH ACI 305. NO CONCRETE ABOVE 90 DEGREES FAHRENHEIT SHALL BE POURED. LOWER CONCRETE TEMPERATURE BY COOLING WATER AND AGGREGATE. FORMS, STEEL, AND SUBGRADE SHALL BE SPRINKLED WITH COLD WATER. AFTER FINISHING CONCRETE USE LIGHT FOG SPRAY UNTIL CURING COMPOUND IS
- D. COLD WEATHER CONCRETING SHALL COMPLY WITH ACI 306. SPECIAL MATERIAL PROCEDURES SHALL BE PROVIDED DURING PLACING AND CURING OF CONCRETE BELOW 40 DEGREES FAHRENHET.
- E. CURING, HOT, AND COLD WEATHER CONCRETING PROCEDURES ARE ONLY GIVEN AS A GUIDE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PREVENT CONCRETE DAMAGE AND CRACKS. DAMAGED OR CRACKED CONCRETE WILL NOT BE ACCEPTED.

REINFORCING STEEL INFORMATION (SITE WORK ONLY):

PRODUCT CRITERIA:

- REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60 AND GRADE 40 FOR #3 AND SMALLER BARS. MINIMUM LAP 48" DIAMETER.
- B. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185, MINIMUM LAP SHALL BE 8".
- C. REINFORCING THAT IS WELDED SHALL BE WELDABLE TYPE AND CONFORM TO ASTM A-706.

PAVEMENT INFORMATION:

- 1. PAVEMENT:
- A. ALL MATERIALS, EQUIPMENT, METHODS OF CONSTRUCTION, AND WORKMANSHII CONFORM TO THE ALABAMA DEPARTMENT OF TRANSPORTATION, ALLOOT, STAN SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION.
- B. SEE PAVEMENT DETAILS ON CONSTRUCTION DOCUMENTS FOR SPECIFIC DESIGN INFORMATION AND REQUIREMENTS.
- C. ALL CURB AND GUTTER TO BE 24" AND CONSTRUCTED OF 3000 P.S.I. CONCRETE UNLESS OTHERWISE NOTED.

2. SIGNING AND STRIPING:

- A. SIGNING AND STRIPING TO BE PROVIDED BY THE CONTRACTOR ACCORDING TO THE DRAWINGS AND SPECIFICATIONS.
- B. ALL STRIPING TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.

STORM SEWER NOTES:

- REINFORCED CONCRETE PIPE SHALL BE RCP CLASS III UNLESS OTHERWISE NOTED WITH BELL-AND-SPIGOT AND GASKETED JOINTS WITH ASTM C 443 RUBBER GASKETS.
- 2. FILL HEIGHTS OVER 13' REQUIRE CLASS IV RCP STORM PIPE.
- 3. STORM INLETS SHALL BE PRECAST IN ACCORDANCE WITH CITY OF FAIRHOPE SPECIFICATIONS WHICH MEET OR EXCEED ASTM C 478.
- ALL MANHOLE FRAMES AND COVERS ARE TO BE PER CITY OF FAIRHOPE STANDARD DETAIL FOR DIMENSIONS AND MATERIALS AND AS BELOW IF NOT OTHERWISE INDICATED. FERROUS; 24—INCH (1610—MM) DI BY 7— TO 9—INCH (175— TO 225—MM) RISER WITH 4—INCH—(102—MM—) MINIMUM WIDTH FLANGE AND 26—INCH—(660—MM—) DIAMETER COVER. INCLUDE INDENTED TOP DESIGN WITH LETTERING CAST INTO COVER, USING WORDING EQUIVALENT TO "STORM SEWER,
- 5. MATERIAL: GRAY IRON ASTM A48 CLASS 30 UNLESS OTHERWISE INDICATED.
- 6. ALL HDPE PIPE SHALL BE CORRUGATED HIGH DENSITY POLYETHYLENE SMOOTH INTERIOR PIPE. HDPE PIPE SHALL CONFORM TO ASTM D3350 WITH SOIL TIGHT JOINTS.
- ALL HDPE SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND AASHTO SECTION $50. \ \,$
- 8. CONTRACTOR TO PROVIDE AND INSTALL MANUFACTURER RECOMMENDED FITTINGS ON RCP CONNECTIONS TO HDPE STRUCTURES.
- 9 REFER TO PIPE CHART FOR CASTING TYPES INSTALL REDUCERS AS NECESSARY PER MANUFACTURER'S SPECIFICATIONS TO ACCOMMODATE LARGER INLET SIZES.
- 10. FOLLOW CONSTRUCTION PLANS AND MANUFACTURER DETAILS, SPECIFICATIONS, AND INSTALLATION INSTRUCTION AS INCLUDED WITHIN THE PLANS AND PROVIDED BY MANUFACTURER FOR THE INSTALLATION OF WATER QUALITY AND DETENTION SYSTEMS.
- 11. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL STORM SEWER PIPE, STRUCTURES, WATER QUALITY STRUCTURES, AND DETENTION STRUCTURES FOR ENGINEER AND OWNER APPROVAL PRIOR TO ORDERING MATERIALS.

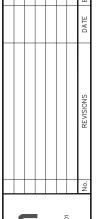
CLEARING AND GRUBBING:

- A. DO NOT EXCEED CLEARING AND GRUBBING LIMITS OF CONSTRUCTION LINES INDICATED ON THE PLANS
- AREAS OUTSIDE THE LIMITS OF CONSTRUCTION LINE SHALL NOT BE CROSSED BY HEAVY IPMENT OR USED FOR STORING HEAVY EQUIPMENT OR MATERIALS.
- C. NO EQUIPMENT SHALL BE STORED UNDER THE DRIP LINE OF TREES TO REMAIN.
- D. DO NOT FALL ANY TREES OR PUSH PILES OF DEBRIS AGAINST ANY TREES TO REMAIN.
- REMOVE ALL STUMPS, ROCKS, ASPHALT & CONCRETE DEBRIS, ETC. AND DISPOSE OFF SITE IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS.
- F. CONTACT ALL UTILITY AUTHORITIES WHO HAVE LINES WITHIN THE CLEARING AND GRUBBING LIMITS BEFORE STARTING WORK
- F. AFTER STAKING IS COMPLETED. TREES WITHIN GRADING LIMITS TO BE SAVED WILL BE ATTEN SHANNO STOWNER'S REPRESENTATIVE, FIELD CHANGES TO GRADING PLANS SHALL BE MADE FOR SMOOTH TRANSITION OF GRADES AROUND ALL TREES WHICH REQUITE TREE WELLS WITHIN THE GRADING LIMITS.
- G. ALL CLEARING SHALL BE LIMITED TO AREAS TO BE GRADED WITHIN 15 CALENDAR DAYS.

GRADING NOTES:

- A. TOPSOIL SHALL BE STORED ON SITE IN LOCATIONS APPROVED BY THE OWNER'S REPRESENTATIVE. DRAINAGE SHALL ROUT AROUND THESE TOPSOIL STOCKPILES FOR THE DURATION OF THE GRADING OPERATIONS. EROSION CONTROL MEASURES SHALL PREVENT THE LOSS OF TOPSOIL MATERIAL.
- B. UNSUITABLE SOILS SHALL BE UNIFORMLY SPREAD ACROSS NON-STRUCTURAL FILL AREAS AND COVERED WITH TOPSOIL AND SEEDED.
- FILL AREA SHALL BE PROOF—ROLLED WITH RUBBER—TIRED EQUIPMENT WITH A MINIMUM WEIGHT OF FIFTEEN TONS PRIOR TO BEGINNING FILL OPERATION. AREAS WHICH ARE SOFT OR UNSTABLE SHALL BE UNDERCUT UNTIL STABLE SOILS ARE FOUND. RE—COMPACTION OF THESE SOILS SHALL BE TO 98% MAXIMUM DRY DENSITY AS PER ASTM D698 (STANDARD PROCTOR)
- D. CUT AREA SHALL BE PROOF-ROLLED AFTER FINAL SUBGRADE IS ACHIEVED IN THE SAME MANNER AS FILLED AREAS. SOFT OR UNSTABLE SOILS SHALL BE SCARIFIED TO A DEPTH OF 12" AND RE-COMPACTED TO 98% MAXIMUM DRY DENISTY AS PER ASTM D698 (STANDARD
- E. ALL GRADING SHALL BE COMPLETED TO THE LEVEL INDICATED BY THE SCOPE OF WORK LISTED IN THE BID DOCUMENTS.
- F. ELEVATIONS SHOWN ON THE PLANS IS THE FINISH GRADE ELEVATION.
- G. GRADING SHALL BE SEQUENCED SO THAT BASE STONE IS PLACED WITHIN 10 CALENDAR DAYS PF ACHIEVING OPTIMUM SUBGRADE COMPACTION.
- SOILS TESTING LABORATORY/ SOILS ENGINEER. CONTRACTOR WILL EMPLOY A QUALIFIED SOILS TESTING LABORATORY/ ENGINEER TO OBSERVE THIS WORK AND MAKE TESTS AS REQUIRED.
- HAVE EARTH BORROW FILL, AGGREGATE, AND TOPSOIL, AND STRUCTURAL FILL TESTED AND APPROVED BY DESIGNATED TESTING LABORATORY BEFORE MOVING IT TO THE JOB SITE.
- CONTRACTOR SHALL OBSERVE PROOF-ROLLING OF AREAS WHERE BUILDING AND PAVING WILL BE LOCATED TO DETERMINE ADEQUACY OF SOIL COMPACTION AND IN-PLACE SOILS. OTHER AREAS WILL BE INSPECTED BY SOILS SENDINEER TO DETERMINE ADCUIACY IN THOSE AREAS. IF SOILS ARE NOT ADEQUATE TO BEAR WEIGHTS THAT WILL BE IMPOSED, TESTING LABORATORY WILL OBSERVE AND REPORT CORRECTIVE ACTION TAKEN.
- K. TEST IN-PLACE SOIL AND FILLED AND COMPACTED AREAS. IF THESE ARE NOT ADEQUATE TO BEAR WEIGHTS IMPOSED, TESTING LABORATORY MILL ADVICE THE OWNER'S REPRESENTATIVE OF THEIR RECOMMENDATIONS. HE MILL DIRECT RAY CORRECTIVE MEASURES THAT ARE
- L. SOILS COMPACTION TESTING OF IN-PLACE AND FILLED AND COMPACTED AREAS WILL BE PERFORMED BY TESTING LABORATORY IN ACCORDANCE WITH THEIR REQUIREMENTS.
- THE SOILS ENGINEER'S AND TESTING LABORATORY'S FEES WILL BE PAID BY THE
- N. APPLICABLE SPECIFICATIONS FOR COMPACTED FILL: THE FOLLOWING CURRENT AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) STANDARDS ARE HEREBY MADE PART OF THIS SPECIFICATION:
- ** D421-58, DRY PREPARATION OF SOIL SAMPLES FOR GRAIN-SIZE ANALYSIS AND DETERMINATION OF SOIL CONSTANTS. ** D422-63, STANDARD METHOD OF PARTICLE SIZE ANALYSIS OF SOILS. ** D1140-54, METHOD OF TEST FOR AMOUNT OF MATERIAL IN SOILS FINER THAN NO.200
- ** D698, METHOD FOR LABORATORY COMPACTION CHARACTERISTICS OF SOIL USING STANDARD EFFORT

 1557-78, STANDARD TEST METHODS FOR MOISTURE—DENSITY RELATIONS OF SOILS AND
 SOIL—AGGREGATE MIXTURES USING 10 LB. (4.54-KG) RAMMER AND 18-INCH (457 MM)
 DROP.
- O. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AT ALL LOCATIONS UNLESS OTHERWISE
- CONTRACTOR SHALL REVIEW THE SITE SPECIFIC GEOTECHNICAL REPORT PRIOR TO COMMENCING WITH GRADING OPERATIONS. WHERE CONFLICTS BETWEEN THE GRADING NOTES AND GEOTECHNICAL REPORT EXIST, THE WORD STRINGENT REQUIREMENT SHALL APPLY.
- CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING WITH LOAD TICKETS, PHOTOGRAPHS, LOG BOOK, VIDEO RECORDING AND OTHER MEANS AS NECESSARY TO VERIFY THE INSTALLATION OF STORMWATER BEST MANAGEMENT PRACTICES REQUIRED BY THE LOCAL MUNICIPALITY AND JURISDICTION. AS-BUILT TOPOGRAPHY AND UTILITY PLANS HAVING BEEN PREPARED BY A QUALIFIED LAND SURVEYOR ARE REQUIRED TO BE SUBMITTED TO KIMILEY-HORN AT THE CONCLUSION OF THE PROJECT FOR VERIFICATION OF DESIGN INTENT. ANY MODIFICATIONS TO THE GRADING AND UTILITY SYSTEMS REQUIRED, NOT PREVIOUSLY APPROVED BY THE OWNER AND ENGINEER ARE THE RESPONSIBILITY OF THE CONTRACTOR.



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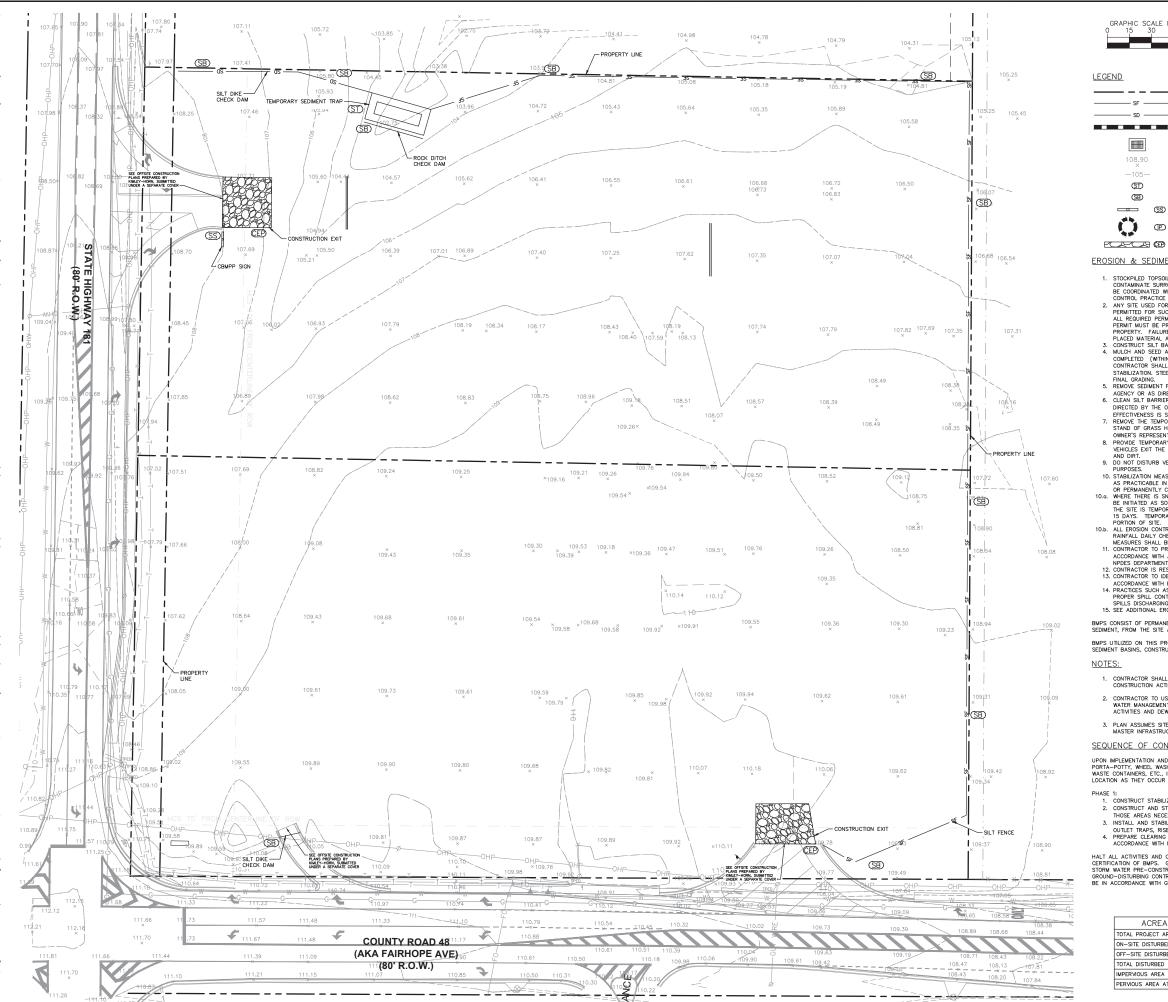
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Know what's below. Call before you dig.

SHEET NUMBER C-001









PROPOSED STORM DRAINAGE PIPE

PROPOSED STORM DRAINAGE INLET 108.90 EXISTING CONTOUR (ST) TEMPORARY SEDIMENT TRAP

(SB) SEDIMENT BARRIER CBMPP INFORMATION SIGN (\$\$)

 \Diamond P INLET PROTECTION CONSTRUCTION EXIT PAD

EROSION & SEDIMENTATION CONTROL

- 1. STOCKPILED TOPSOIL OR FILL MATERIAL IS TO BE TREATED SO THE SEDIMENT RUN—OFF WILL NOT CONTAMINATE SURROUNDING AREAS OR ENTER NEARBY STREAMS. STOCK PILE LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER PRIOR TO GRADING ACTIVITIES. REOSION & SEDIMENT CONTROL PRACTICE SHALL BE INSTALLED PRIOR TO STOCKPILE OPERATIONS.

 2. ANY SITE USED FOR DISPOSAL AND/OR STOCKPILE OF ANY MATERIAL SHALL BE PROPERLY PERMITTED FOR SUCH ACTIVITY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SEE THAT ALL REQUIRED PERMITS ARE SECURED FOR EACH PROPERTY UTILIZED. A COPY OF THE APPROVED PERMIT MUST BE PROVIDED TO THE INSPECTOR PRIOR TO COMMENCEMENT OF WORK ON ANY PROPERTY. FAILURE TO DO SO MAY RESULT IN THE CONTRACTOR REMOVING ANY ILLEGALLY PLACED MATERIAL AT HIS OWN EXPENSIVE IN THE CONTRACTOR REMOVING ANY ILLEGALLY PLACED MATERIAL AT HIS OWN EXPENSIVE OR SON AS POSSIBLE AFTER FINAL GRADING IS COMPLETED (WITHIN 15 DAYS OF ACHIEVED FINAL GRADES) UNLESS OTHERWISE INDICATED. CONTRACTOR SHALL TAKE WHATEVER MEANS NECESSARY TO ESTABLISH PERMANENT SOIL STABILIZATION. STEEP SLOPES (GREATER THAN 3:1) SHALL BE STABILIZED WITHIN 7 DAYS OF FINAL GRADING.

 3. REMOVE SEDIMENT FROM ALL DRAINAGE STRUCTURES BEFORE ACCEPTANCE BY LOCAL GOVERNING AGENCY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

- AGENCY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

 6. CLEAN SILT BARRIERS WHEN THEY ARE APPROXIMATELY 50% FILLED WITH SEDIMENT OR AS
- DIRECTED BY THE OWNER'S REPRESENTATIVE. SILT BARRIERS SHALL BE REPLACED AS EFFECTIVENESS IS SIGNIFICANTLY REDUCED OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. REDUCED OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. REMOVE THE TEMPORARY REPOSION AND WATER POLLUTION CONTROL DEVICES ONLY ATER A SOLD STAND OF GRASS HAS BEEN ESTABLISHED ON GRADED AREAS AND, WHEN IN THE OPINION OF THE OWNER'S REPRESENTATIVE, THEY ARE NO LONGER NEEDED.
- PROVIDE TEMPORARY CONSTRUCTION ACCESS(ES) AT THE POINT(S) WHERE CONSTRUCTION VEHICLES EXIT THE CONSTRUCTION AREA. MAINTAIN PUBLIC ROADWAYS FREE OF TRACKED MUD AND DIRT.

 9. DO NOT DISTURB VEGETATION OR REMOVE TREES EXCEPT WHEN NECESSARY FOR GRADING

- AND UNIT.

 D. DI NOT DISTURB VEGETATION OR REMOVE TREES EXCEPT WHEN NECESSARY FOR GRADING PUPPOSES.

 10. STABILIZATION MEASURES (SEED & MULCH, TRIM WHERE INDICATED) SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, EXCEPT IN THE FOLLOWING TWO CASE.

 10.0. WHERE THERE IS SNOW COVER OR FROZEN GROUND CONTINUES THAT THE PROPERTY OF THE SITE IS TEMPORARILY CASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 15 DAYS. TEMPORARY STABILIZATION MEASURES SHALL BE INITIATED AS SOON OF THE SITE IS TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT 15 DAYS. TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT 15 DAYS. TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT 16. THE PROJECT OF T

- ACCORDANCE WITH BMP'S.

 14. PRACTICES SUCH AS GOOD HOUSEKEEPING, PROPER HANDLING OF HAZARDOUS PRODUCTS AND PHACHICES SUCH AS GOOD HOUSEREEPING, PROPER HANDLING OF HAZARDOUS PRODUCTS AN PROPER SPILL CONTROL PRACTICES WILL BE FOLLOWED TO REDUCE THE RISK OF SPILL AND SPILLS DISCHARGING INTO STORMATER RUNDEY.
 SEE ADDITIONAL EROSION CONTROL NOTES ON SHEET C-101.

BMPS UTILIZED ON THIS PROJECT CONSIST OF SILT FENCE, DIVERSION DYKES, INLET PROTECTION, SEDIMENT BASINS, CONSTRUCTION EXIT

- CONTRACTOR SHALL OBTAIN ANY NECESSARY DEWATERING PERMITS AS SITE CONDITIONS AND CONSTRUCTION ACTIVITIES REQUIRE.
- CONTRACTOR TO USE BEST MANAGEMENT PRACTICES TO ENSURE COMPLIANCE WITH NPDES AND WATER MANAGEMENT DISTRICT REGULATIONS FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND DEWATERING OPERATIONS.

SEQUENCE OF CONSTRUCTION:

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER, PARKING, LAYDOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE WAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.

- 1. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE PADS (CEP) (2), AND INSTALL SILT FENCE.
 2. CONSTRUCT AND STABILIZE TEMPORARY SEDIMENT TRAP AND DRAINAGE SWALES (CLEAR ONLY
- CONSTRUCT AND STABILIZE TEMPORARY SEDIMENT TRAP AND DRAINAGE SWALES (CLEAR ONLY
 THOSE AREAS NECESSARY TO INSTALL CONTROL DEVICES LISTED ABOVE)
 INISTALL AND STABILIZE ANY NECESSARY HYDRAULIC CONTROL STRUCTURES (DIKES, CHECK DAMS,
 OUTLET TRAPS, RISER PIPE DISCHARGE POINT, ETC.)
 PREPARE CLEARING AND GRUBBING OF THE SITE, IF APPLICABLE, DEMOUSH TREES IN
 ACCORDANCE WITH MOST TREE REMOVAL PERMIT.

HALT ALL ACTIVITIES AND CONTACT THE CONSULTANT TO PERFORM INSPECTION AND CERTIFICATION OF BMPS. GENERAL CONTRACTOR SHALL SCHEDULG AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH CONSULTED AND CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION. SITE PREPARATION SHOULD BE IN ACCORDANCE WITH GEOTECHNICAL INVESTIGATION.

ACREAGE SUMMARY		
OTAL PROJECT AREA	6.79 AC	
N-SITE DISTURBED AREA	6.79 AC	
FF-SITE DISTURBED AREA	0.00 AC	
OTAL DISTURBED AREA	6.97 AC	
MPERVIOUS AREA AT COMPLETION	2.82 AC	
ERVIOUS AREA AT COMPLETION	3.97 AC	



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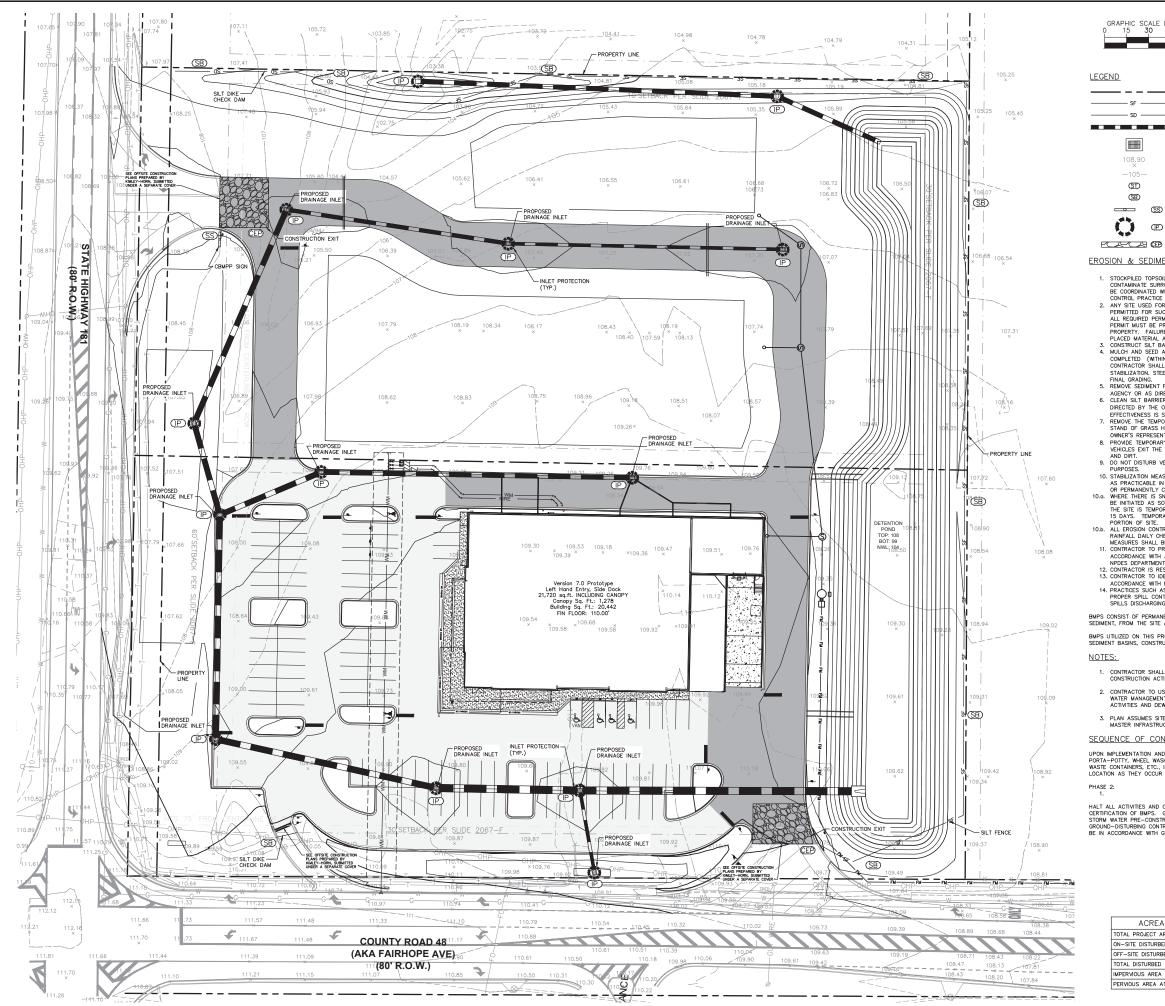
EDIMENT CONTROL PLAN - PHASE 1 AND **EROSION**

FAIRHOPE REPARED FOR ALDI INC. PREPAREI ALDI I \Box F

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SHEET NUMBER C-100









PROPOSED STORM DRAINAGE PIPE PROPOSED STORM DRAINAGE INLET

108.90 EXISTING CONTOUR (ST) TEMPORARY SEDIMENT TRAP

(SB) SEDIMENT BARRIER CBMPP INFORMATION SIGN

 \Diamond (IP) INLET PROTECTION CONSTRUCTION EXIT PAD

EROSION & SEDIMENTATION CONTROL

- 1. STOCKPILED TOPSOIL OR FILL MATERIAL IS TO BE TREATED SO THE SEDIMENT RUN-OFF WILL NOT CONTAMINATE SURROUNDING AREAS OR ENTER NEARBY STREAMS. STOCK PILE LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER PRIOR TO GRADING ACTIVITIES. EROSION & SEDIMENT CONTROL PRACTICE SHALL BE INSTALLE PRIOR TO STOCKPILE OFFARTIONS.

 2. ANY SITE USED FOR DISPOSAL AND/OR STOCKPILE OF ANY MATERIAL SHALL BE PROPERLY PERMITTED FOR SUCH ACTIVITY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SEE THAT ALL REQUIRED PERMITS ARE SECURED FOR EACH PROPERTY FILLED. CONTRACTOR TO SEE THAT ALL REQUIRED PERMITS ARE SECURED FOR EACH PROPERTY OF THE CONTRACTOR OF THE APPROVED PERMIT HIS OWN PROPERTY.

 3. CONSTRUCT SILT BARRIESS BEFORE BEGINNING CRADING OPERATIONS.

 4. MULCH AND SEED ALL DISTURBED AREAS AS SOON AS POSSIBLE AFTER FINAL GRADING IS COMTRACTOR SHALL TAKE WHATEVER MEANS NECESSARY TO ESTABLIZED WITHIN 15 DAYS OF ACHIEVED FINAL GRADES) UNLESS OTHERWISE INDICATED. CONTRACTOR SHALL TAKE WHATEVER MEANS NECESSARY TO ESTABLIZED WITHIN 7 DAYS OF FINAL GRADING.

 5. REMOVE SEDIMENT FROM ALL DRAINAGE STRUCTURES BEFORE ACCEPTANCE BY LOCAL GOVERNING AGENCY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

 6. CLEAN SILT BARRIESS. BEFORES DEFINATIVE. SILT BARRIERS SHALL BE REPLACED AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

 7. REMOVE THE TEMPORARY EROSION AND WATER POLICITION OF THE OWNER'S REPRESENTATIVE.

 7. REMOVE THE TEMPORARY EROSION AND WATER POLICITION ON THE OWNER'S REPRESENTATIVE.

 8. PROVIDE TEMPORARY EROSION AND WATER POLICITION ON THE OWNER'S REPRESENTATIVE.

 9. PROVIDE TEMPORARY EROSION AND WATER POLICITION ON THE OWNER'S CONTROL OF THE OWNER'S REPRESENTATIVE.

 1. REMOVE THE TEMPORARY EROSION AND WATER POLICITION ON THE OWNER'S CONTROL OF THE OWNER'S REPRESENTATIVE.

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 1. REMOVE THE TEMPORARY EROSION AND WATER POLICITION.

 1. PROVIDE TEMPORARY EROSIO

- OWNER'S REPRESENTATIVE, THEY ARE NO LONGER NEEDED.
- PROVIDE TEMPORARY CONSTRUCTION ACCESS(ES) AT THE POINT(S) WHERE CONSTRUCTION VEHICLES EXIT THE CONSTRUCTION AREA. MAINTAIN PUBLIC ROADWAYS FREE OF TRACKED MUD AND DIRT.

 9. DO NOT DISTURB VEGETATION OR REMOVE TREES EXCEPT WHEN NECESSARY FOR GRADING

- AND JUNT.

 9. DO NOT DISTURB VEGETATION OR REMOVE TREES EXCEPT WHEN NECESSARY FOR GRADING PURPOSES.

 10. STABILIZATION MEASURES (SEED & MULCH, TRIM WHERE INDICATED) SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, EXCEPT IN THE FOLLOWING TWO CASES.

 10. WHERE THERE IS SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE OR WHERE CONSTRUCTION ACTIVITY ON A POPTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 15 DAYS. TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 15 DAYS. TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF SITE.

 10. ALL EROSION CONTROL MEASURES SHALL BE CHECKED TWICE WEEKLY DURING PROLONGED RAINFALL DAILY CHECKING IS NECESSARY. DOCUMENTATION OF ALL CHECKS AND CORRECTIVE MEASURES SHALL BE KEPT AT THE PROJECT.

 11. CONTRACTOR TO PROVIDE AN AREA FOR CONCRETE WASH DOWN AND EQUIPMENT REFUELING IN ACCORDANCE WITH ALDEC'S STANDARDS. CONTRACTOR TO COORDANCE WITH ALDEC'S STANDARDS. CONTRACTOR TO COORDANCE WITH ADEM GUIDEUNIS.

 12. CONTRACTOR TO REPONSIBLE FOR CONTROLLING DUST IN ACCORDANCE WITH ADEM GUIDEUNIS.

 13. CONTRACTOR TO IDENTIFY STAGING AREAS AND INCORPORATE INTO EROSION CONTROL PLAN IN ACCORDANCE WITH ADEM GUIDEUNIS.

- ACCORDANCE WITH BMP'S.

 14. PRACTICES SUCH AS GOOD HOUSEKEEPING, PROPER HANDLING OF HAZARDOUS PRODUCTS AND

PROPER SPILL CONTROL PRACTICES WILL BE FOLLOWED TO REDUCE THE RISK OF SPILL AND SPILLS DISCHARGING INTO STORMWATER RUNOFF. BMPS CONSIST OF PERMANENT FEATURES DESIGNED TO MINIMIZE POLLUTANT DISCHARGES, INCLUDING SEDIMENT, FROM THE SITE AFTER CONSTRUCTION HAS BEEN COMPLETED.

BMPS UTILIZED ON THIS PROJECT CONSIST OF SILT FENCE, DIVERSION DYKES, INLET PROTECTION, SEDIMENT BASINS, CONSTRUCTION EXIT

- CONTRACTOR SHALL OBTAIN ANY NECESSARY DEWATERING PERMITS AS SITE CONDITIONS AND CONSTRUCTION ACTIVITIES REQUIRE.
- CONTRACTOR TO USE BEST MANAGEMENT PRACTICES TO ENSURE COMPLIANCE WITH NPDES AND WATER MANAGEMENT DISTRICT REGULATIONS FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND DEWATERING OPERATIONS.
- PLAN ASSUMES SITE HAS BEEN PREVIOUSLY CLEARED AND PREPARED, AND CONSTRUCTION OF MASTER INFRASTRUCTURE IS EITHER COMPLETED OR UNDERWAY.

SEQUENCE OF CONSTRUCTION:

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER, PARKING, LAYDOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE WAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.

HALT ALL ACTIVITIES AND CONTACT THE CONSULTANT TO PERFORM INSPECTION AND CERTIFICATION OF BMPS. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH CONSULTANT AND ALL GROUND-DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION. SITE PREPARATION SHOULD BE IN ACCORDANCE WITH GEOTECHNICAL INVESTIGATION.

ACREAGE SUMMARY		
OTAL PROJECT AREA	6.79 AC	
N-SITE DISTURBED AREA	6.79 AC	
DFF-SITE DISTURBED AREA	0.00 AC	
OTAL DISTURBED AREA	6.97 AC	
MPERVIOUS AREA AT COMPLETION	2.82 AC	
PERVIOUS AREA AT COMPLETION	3.97 AC	



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IT CONTROL PHASE 2

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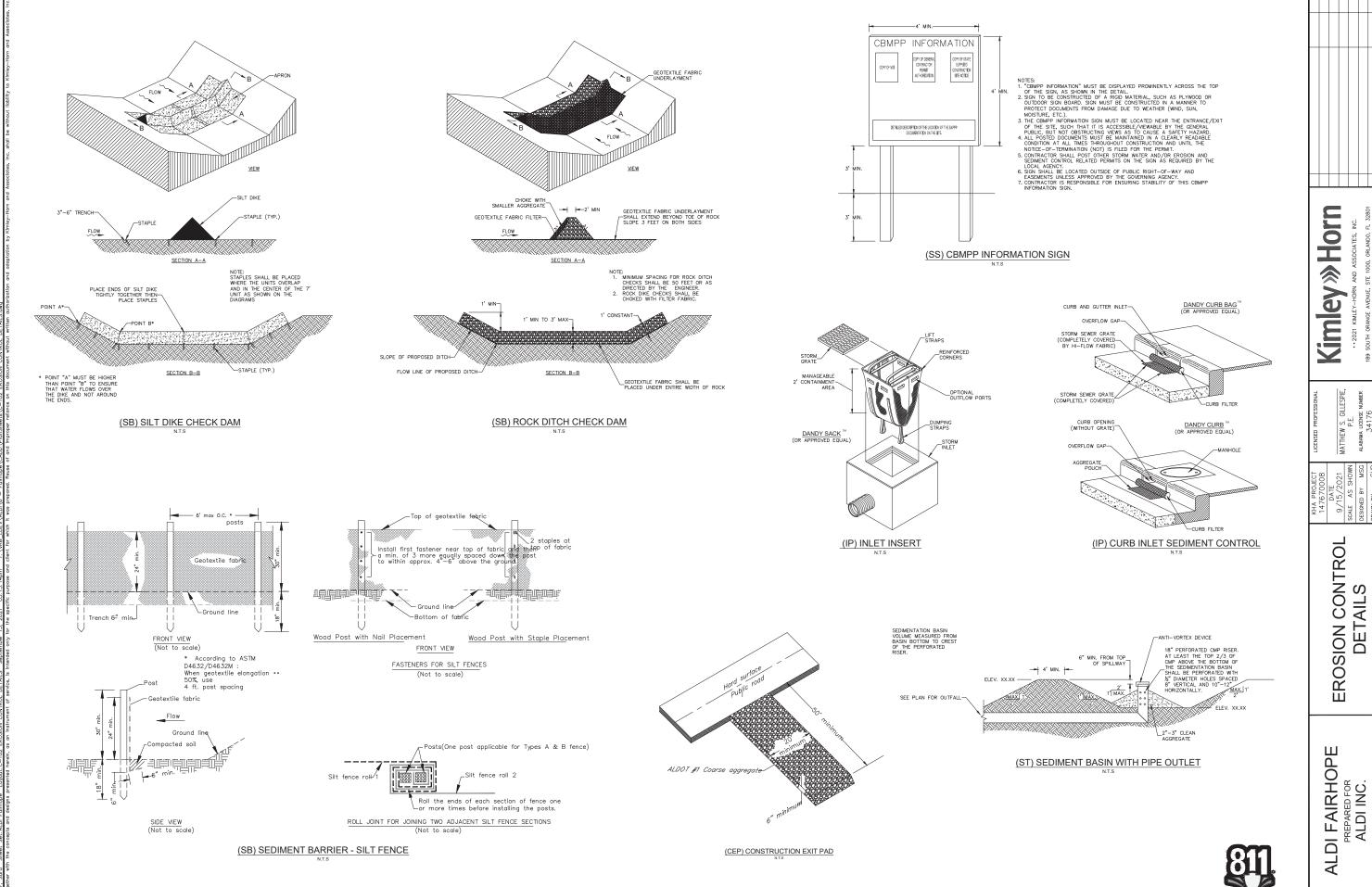
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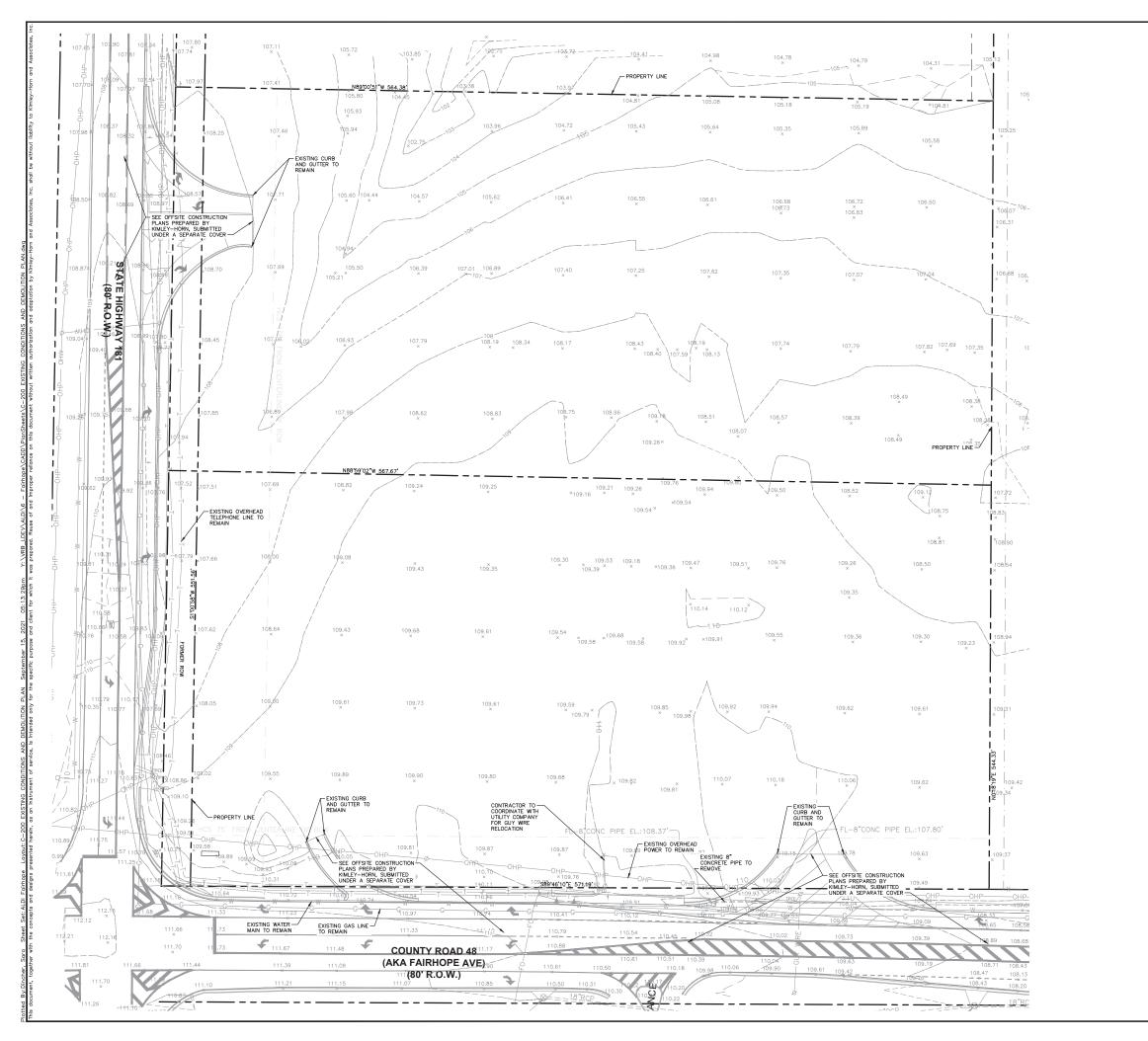


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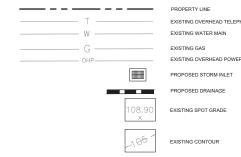
MATTHEW S. GILL P.E. ALABAMA LICENSE N 34176







LEGEND



DEMOLITION NOTES:

- 1. THE INTENT OF THE DEMOLITION PLAN IS TO DEPICT ALL EXIST

- TED. INSIBLE FOR CONTROLLING AIRBORNE DUST AND POLLUTANTS BY USING WATER

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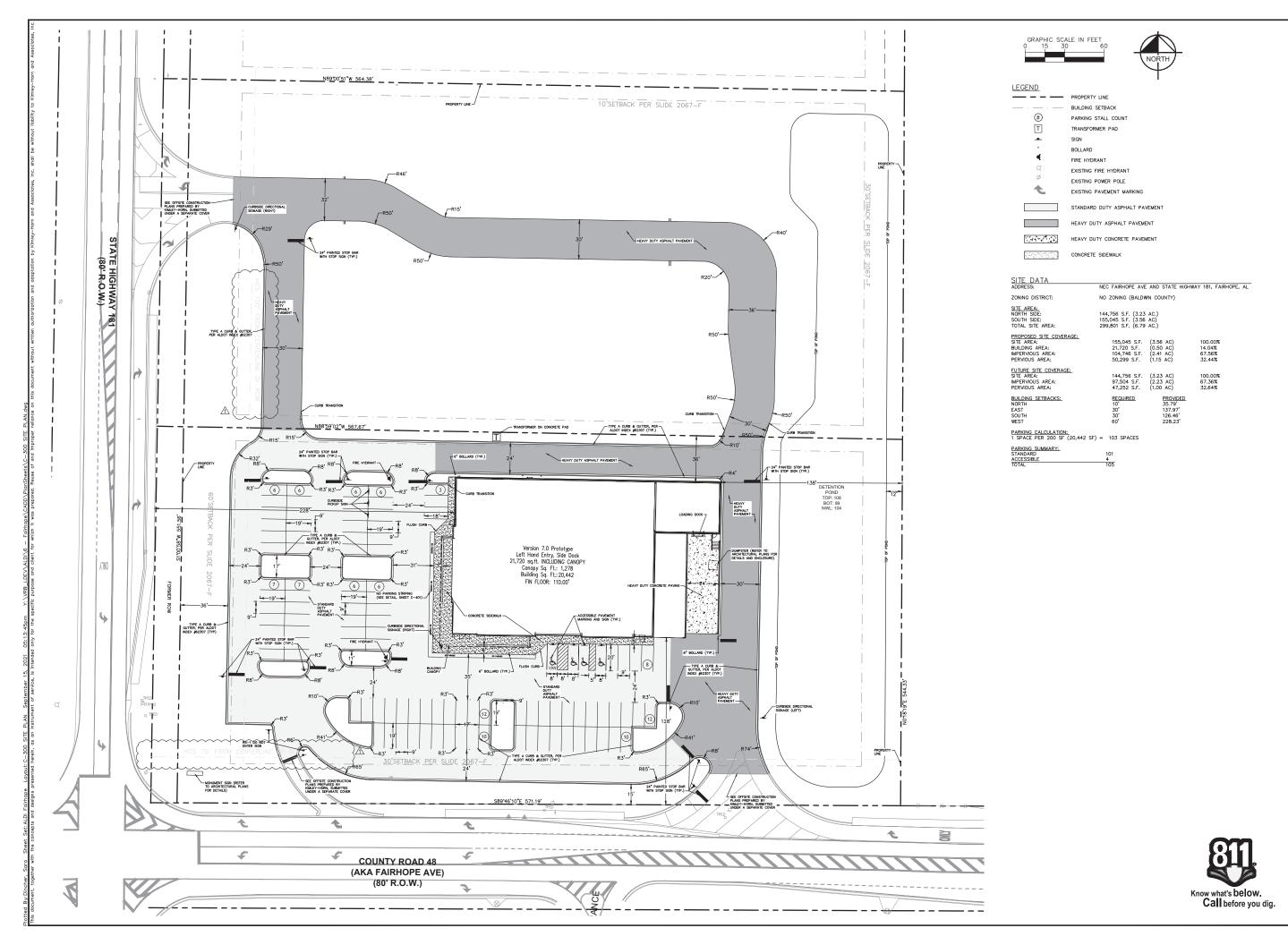
MATTHEW S. GLLESPIE, P.E. ALABAMA LICENSE NUMBER 34176

EXISTING CONDITIONS AND DEMOLITION PLAN

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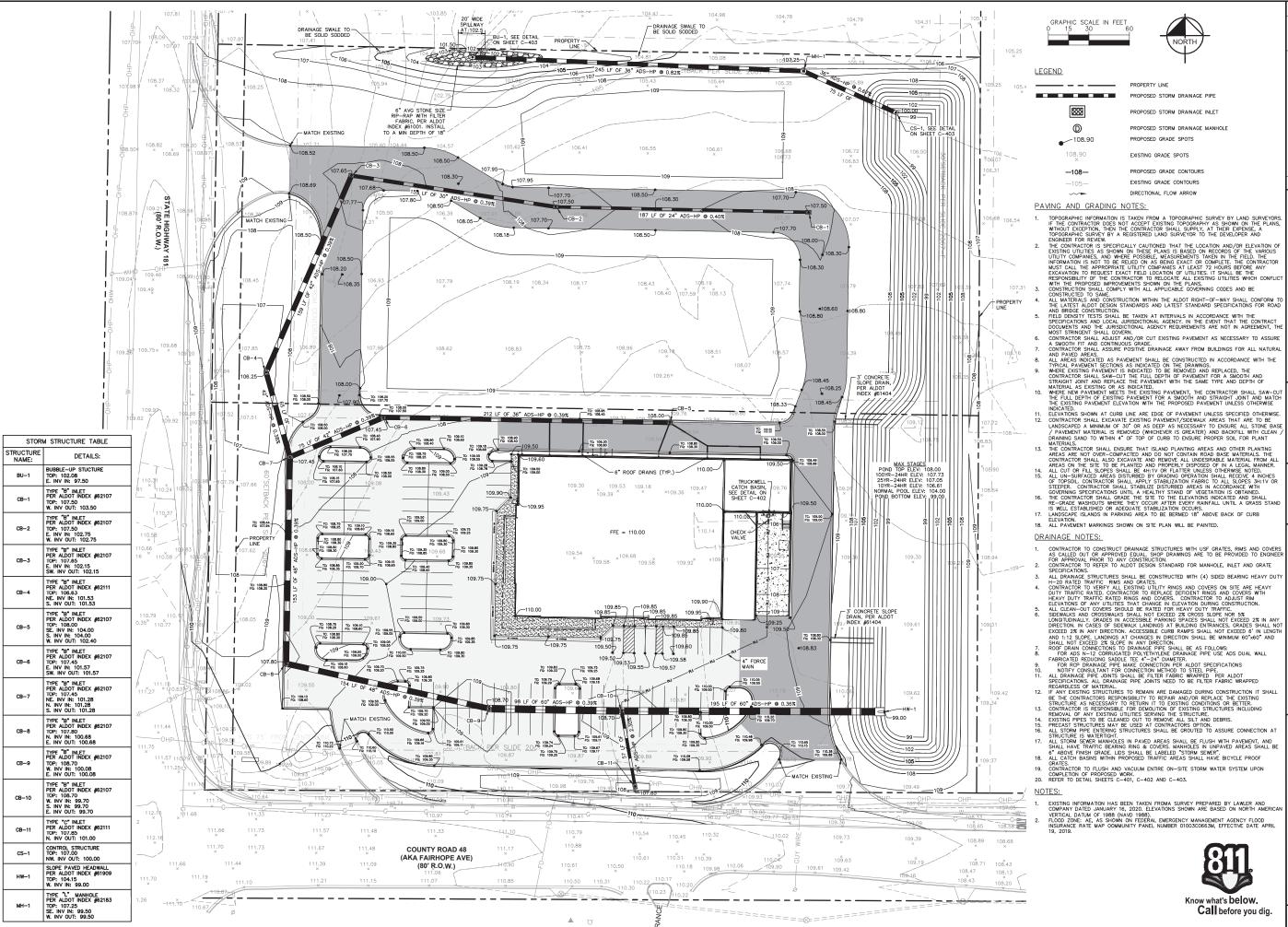


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PLAN SITE

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PROPOSED STORM DRAINAGE PIPE PROPOSED STORM DRAINAGE INLET PROPOSED STORM DRAINAGE MANHOLE PROPOSED GRADE SPOTS EXISTING GRADE SPOTS PROPOSED GRADE CONTOURS EXISTING GRADE CONTOURS

DIRECTIONAL FLOW ARROW

- INDICATED.

 INDICA

- CONTRACTOR TO CONSTRUCT DRAINAGE STRUCTURES WITH USF GRATES, RIMS AND COVERS AS CALLED OUT OR APPROVED EQUAL. SHOP DRAWNOS ARE TO BE PROVIDED TO ENGINEER FOR APPROVAL PRIOR TO ANY CONSTRUCTION.
 CONTRACTOR TO REFER TO ALDOT DESIGN STANDARD FOR MANHOLE, INLET AND GRATE SPECIFICATIONS.

- EXISTING INFORMATION HAS BEEN TAKEN FROMA SURVEY PREPARED BY LAWLER AND COMPANY DATED JANUARY 16, 2020. ELEVATIONS SHOWN ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVID 1988). FLOOD ZONE: AE, AS SHOWN ON FEDERAL EMERCENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 01003C0663M, EFFECTIVE DATE APRIL 19, 2019.



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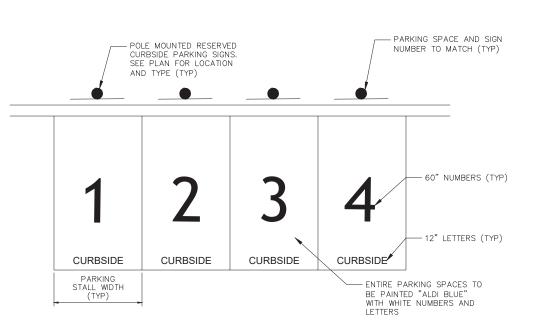
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Kimley

PLAN RADING AGE PL PAVING, GRAI AND DRAINAGE

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C-400



ALDI BLUE CUSTOM COLOR:

CCE COLORANT	OZ	32	64	128
L1-BLUE	-	63	1	1
R3-MAGENTA	-	5	-	1
Y3-DEEP GOLD	-	1	1	-

-ARIAL BOLD FONT SHALL BE USED FOR NUMBERS AND LETTERS.

-PAINT SHALL BE SEALMASTERS 'COVER PAVE' OR 'LIQUID THERMOPLASTIC' TRAFFIC MARKING PAINT OR AS APPROVED BY ALDI CM, CONTACT ROCHESTER JET BLACK, GARY ROSBROOK, 585-441-4125 FOR ORDERING.

- -a. COLOR PAVE SHALL BE USED FOR NEW PAVEMENT.
- -b. LIQUID THERMOPLASTIC SHALL BE USED FOR OLDER PAVEMENT THAT HAS BEEN SEALED WITH A COAL TAR SEALER.

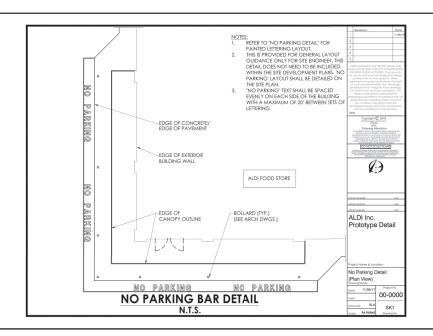
-SURFACE PREPARATION SHALL COMPLY WITH MANUFACTURERS REQUIREMENTS. -SIGNS, NUMBERS AND WORDING TO BE PLACED CENTERED.

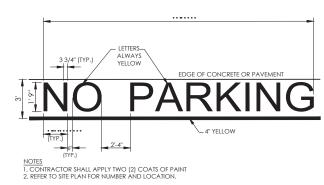
CURBSIDE PARKING DETAIL

AMERICANS WITH DISABILITIES ACT COMPLIANCE NOTES

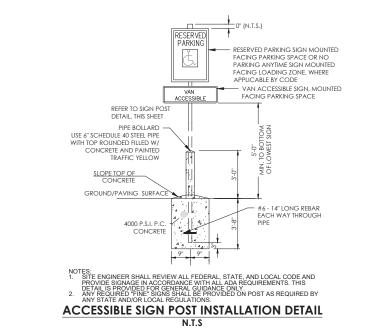
- 1. WALKING SURFACES, WHEN ON AN ACCESSIBLE ROUTE SHALL NOT HAVE POST CONSTRUCTION SLOPES EXCEEDING 1:48 (2%) CROSS SLOPE OR 1:20 (5%) RUNNING SLOPE, EXCEPT IN AREAS DESIGNED AS ADA RAMPS.
- 2. WALKING SURFACES, WHEN ON AN ACCESSIBLE ROUTE, CHANGES IN LEVEL OF 1/4 INCH HIGH MAXIMUM ARE PERMITTED TO BE VERTICAL; HOWEVER CHANGES BETWEEN ¼ INCH AND ½ INCH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. CHANGES IN LEVEL GREATER THAN ½ INCH MUST BE RAMPED.
- S.RAMPS AREAS WITHIN THE ADA ACCESS ROUTE SHALL NOT HAVE POST CONSTRUCTION SLOPES EXCEEDING 1:48 (2%) CROSS SLOPE OR 1:12 (8.3%) RUNNING SLOPE. RAMP LANDING AREAS SHALL NOT EXCEED POST CONSTRUCTION SLOPES GREATER THAN 1:50 (2%) IN ANY DIRECTION. RAMPS MUST HAVE LANDINGS AT THE TOP AND BOTTOM OF EACH RAMP RUN.
- 4. WHERE HANDRAILS ARE PROVIDED, THE CLEAR WIDTH BETWEEN THE HANDRAILS SHALL BE 36 INCH MAXIMUM ON A RAMP RUN.
- 5.ALL ACCESSIBLE AREAS WILL BE CONSTRUCTED WITH SLIP RESISTANT FINISH.
- 6.HANDICAP PARKING AREAS INCLUDING ACCESSIBLE PARKING SPACES AND ACCESS AISLES. SHALL NOT HAVE POST CONSTRUCTION SLOPES EXCEEDING 1:48 (2%) IN ANY DIRECTION.
- 3. THANDICAP PARKING WIDTH SHALL NOT BE LESS THAN 96 INCHES FOR CAP PARKING OR 132 INCHES FOR VAN ACCESSIBLE PARKING. STRIPED ACCESS AISLES BETWEEN PARKING SPACES SHALL NOT BE LESS THAN 60 INCHES WIDE. WIDTHS ARE MEASURED FROM THE CENTER OF PAINTED STRIPE BORDERS. WIDTHS SHOULD BE MEASURED FROM THE EDGE OF ANY PHYSICAL BOUNDARY, SUCH AS A CURB OR EDGE OF PAVEMENT.
- BOURB RAMP RUNNING SLOPE SHALL NOT EXCEED 1:12 (8.3%) MAXIMUM. CROSS SLOPE MUST NOT EXCEED 1:48 (2%) MAXIMUM. SIDE FLARES MUST NOT BE STEEPER THAN 1:10 (10%). LANDINGS SHALL BE PROVIDED AT THE TOPS OF CURB RAMPS AND THE LANDING CLEAR LENGTH SHALL BE 36-MINIMIMI. LANDINGS AT CURB MUST BE LEVEL IN ALL DIRECTIONS WITH SLOPES NOT EXCEEDING 1:48 (2% MAXIMUM). COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO CURB RAMPS MUST NOT BE STEEPER THAN 1:20 (5%). THE ADJACENT SURFACES AT TRANSITIONS OF CURB RAMPS TO WALKS, GUTTERS, AND STREETS SHALL BE THE SAME LEVEL.

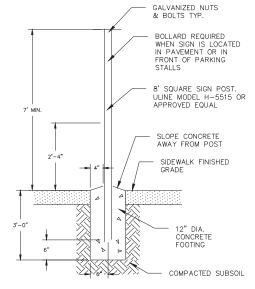
ADA COMPLIANCE NOTES



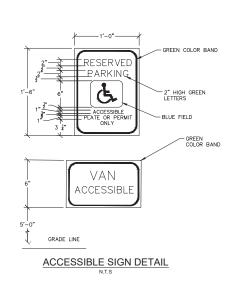


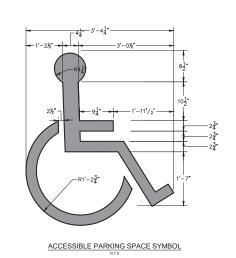
NO PARKING LETTERING DETAIL

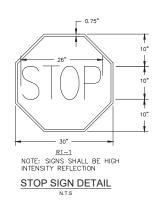




SIGN POST DETAIL









OI FAIRHOPE PREPARED FOR ALDI INC. \Box F

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MATTHEW S. P.E.

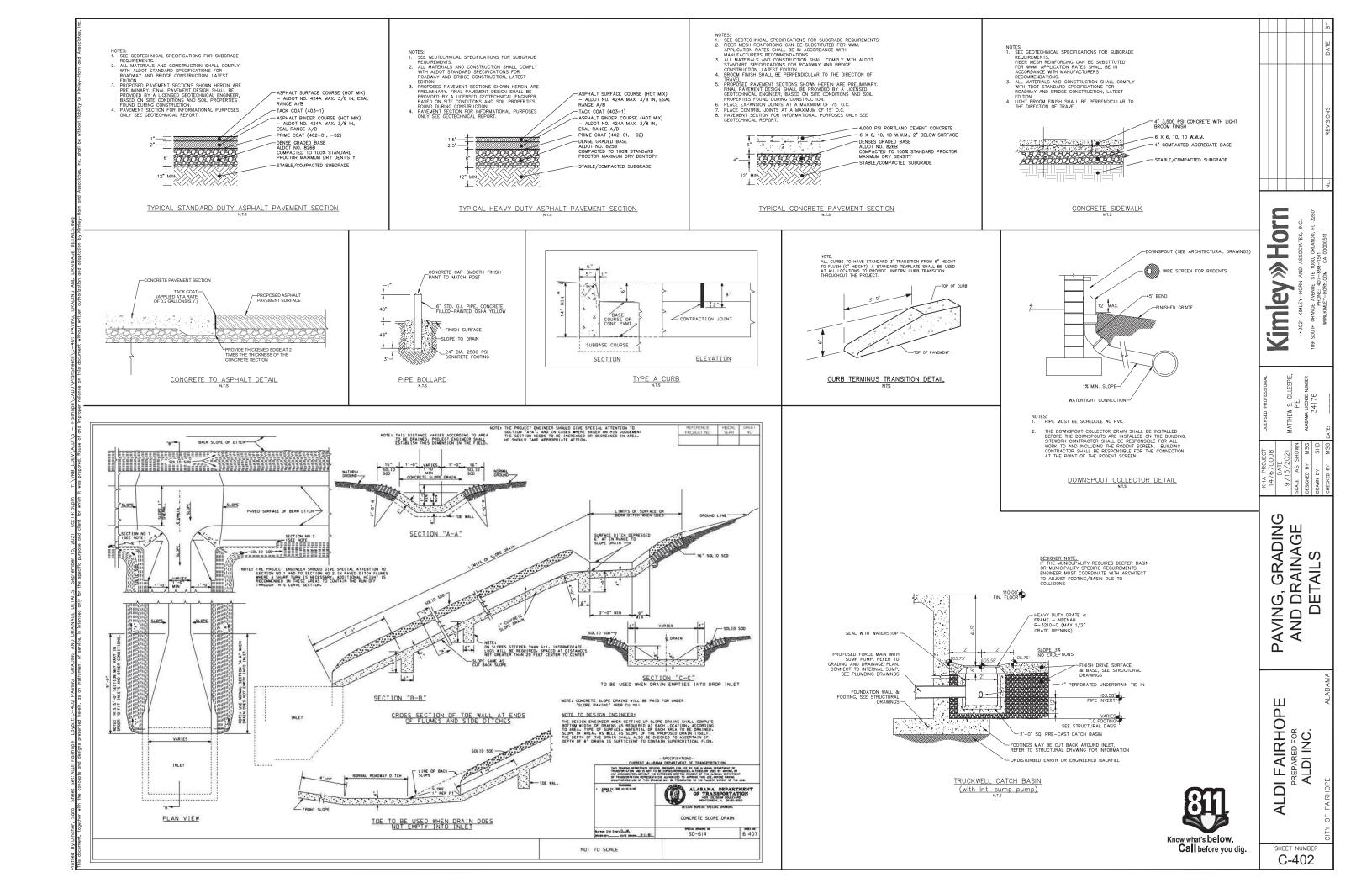
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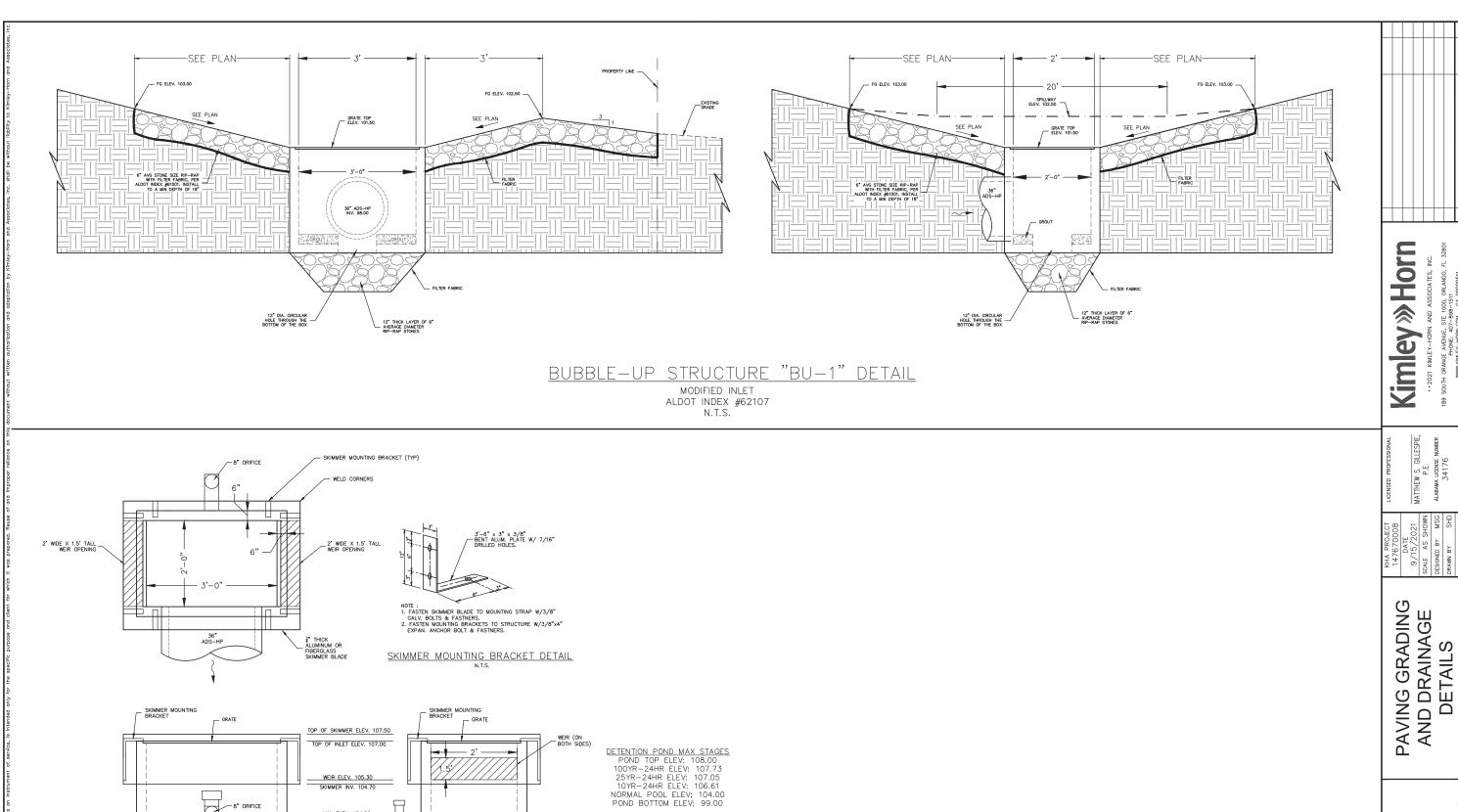
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DRAINAGE ETAILS

SHEET NUMBER C-401





NWL ELEV. 104.00

4" THICK CONCRETE APRON AROUND CONTROL STRUCTURE. 3000 PSI MIN COMPRESSIVE STRENGTH AT 28 DAYS

36" ADS-HP INV. 100.00

CONTROL STRUCTURE "CS-1" DETAIL

MODIFIED INLET
ALDOT NOEX, #62107
N.T.S.

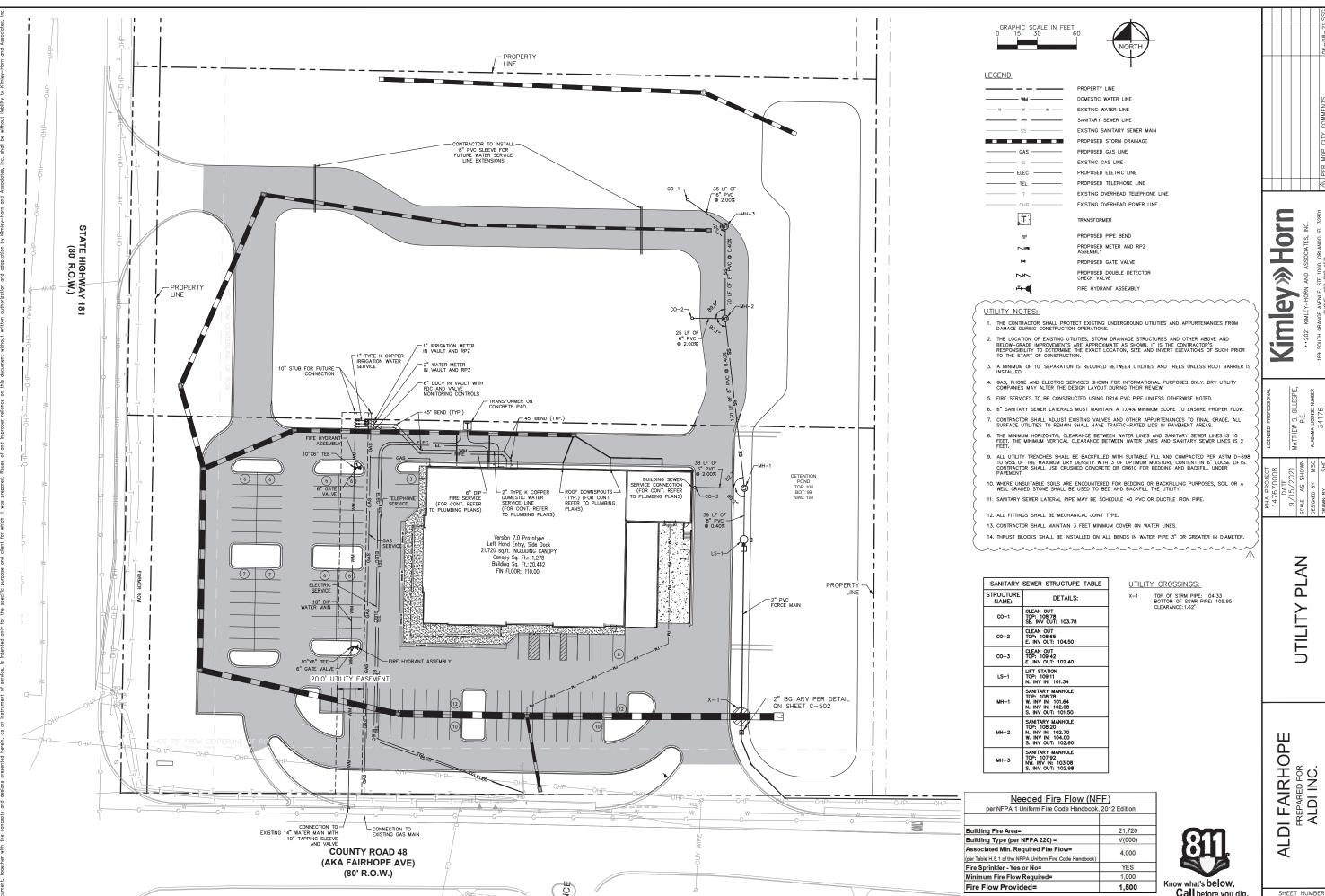
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PREPARED FOR
ALDI INC.

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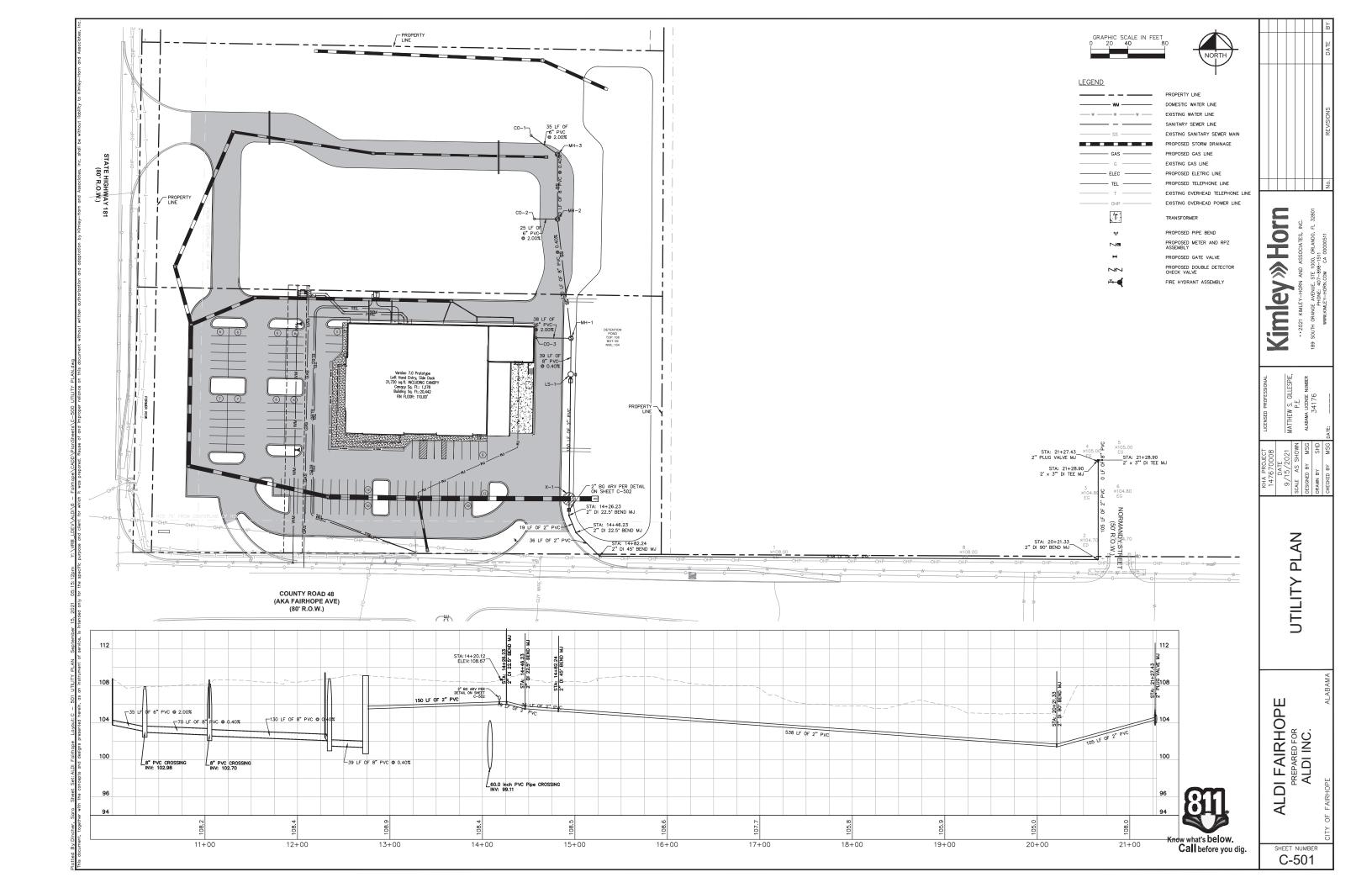
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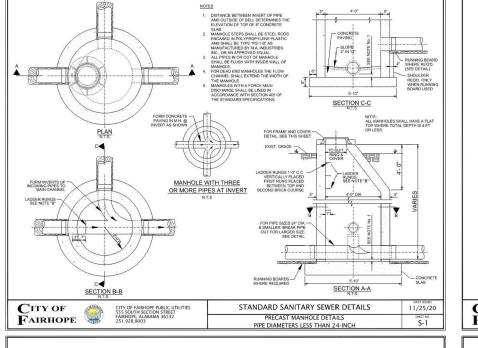
Needed Fire Flow (NFF)				
per NFPA 1 Uniform Fire Code Handbook, 2012 Edition				
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C-500







STACK REO'D FOR SANITARY SEWER MAINS OVER 8-FT IN DEPTH OR AS DIRECTED BY THE OWNER PLAN VIEW N.T.S.

ELEVATION VIEW

CITY OF FAIRHOPE

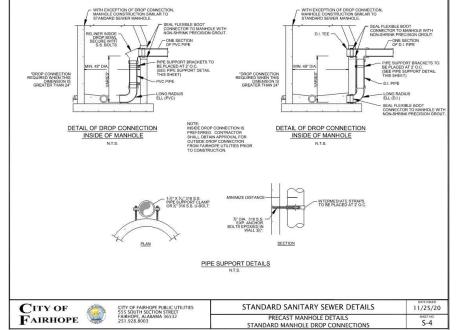
SANITARY SEWER LATERALS SHALL BE 4" SDR 26 UNLESS DIRECTED OTHERWISE BY THE OWNER,

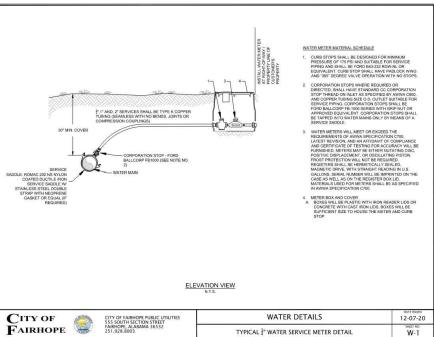
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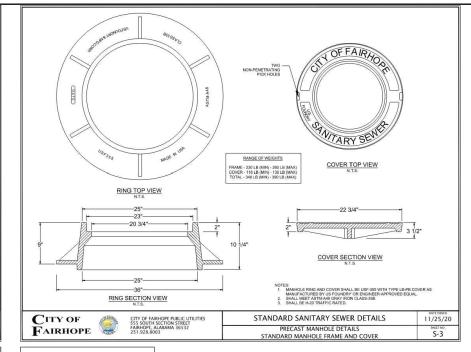
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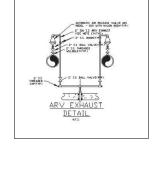
STANDARD SANITARY SEWER DETAILS

TYPICAL SANITARY SEWER LATERAL CONNECTION







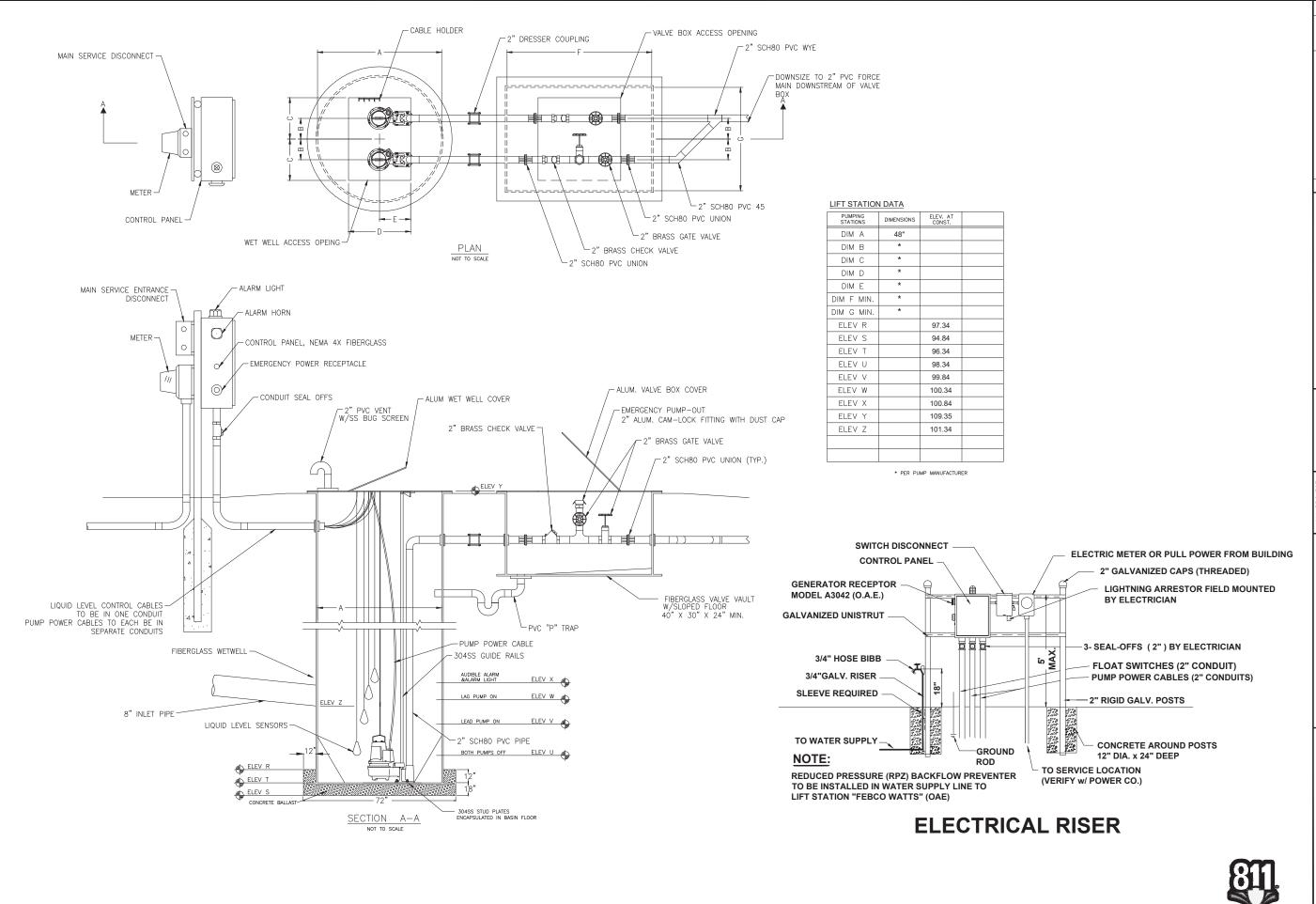


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UTILITY DETAILS

ALDI FAIRHOPE PREPARED FOR ALDI INC.

SHEET NUMBER



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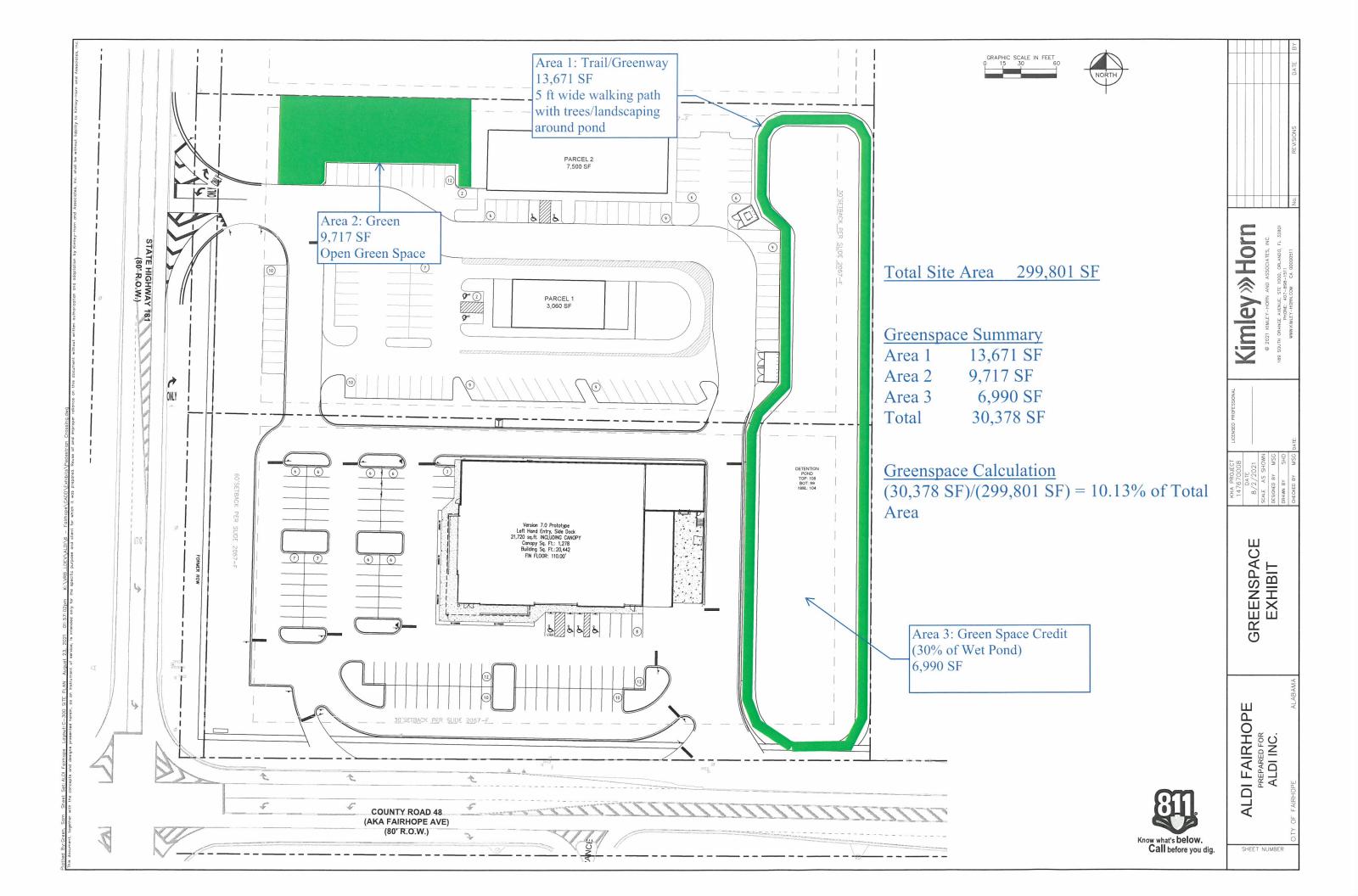
STATION PLAN LFT

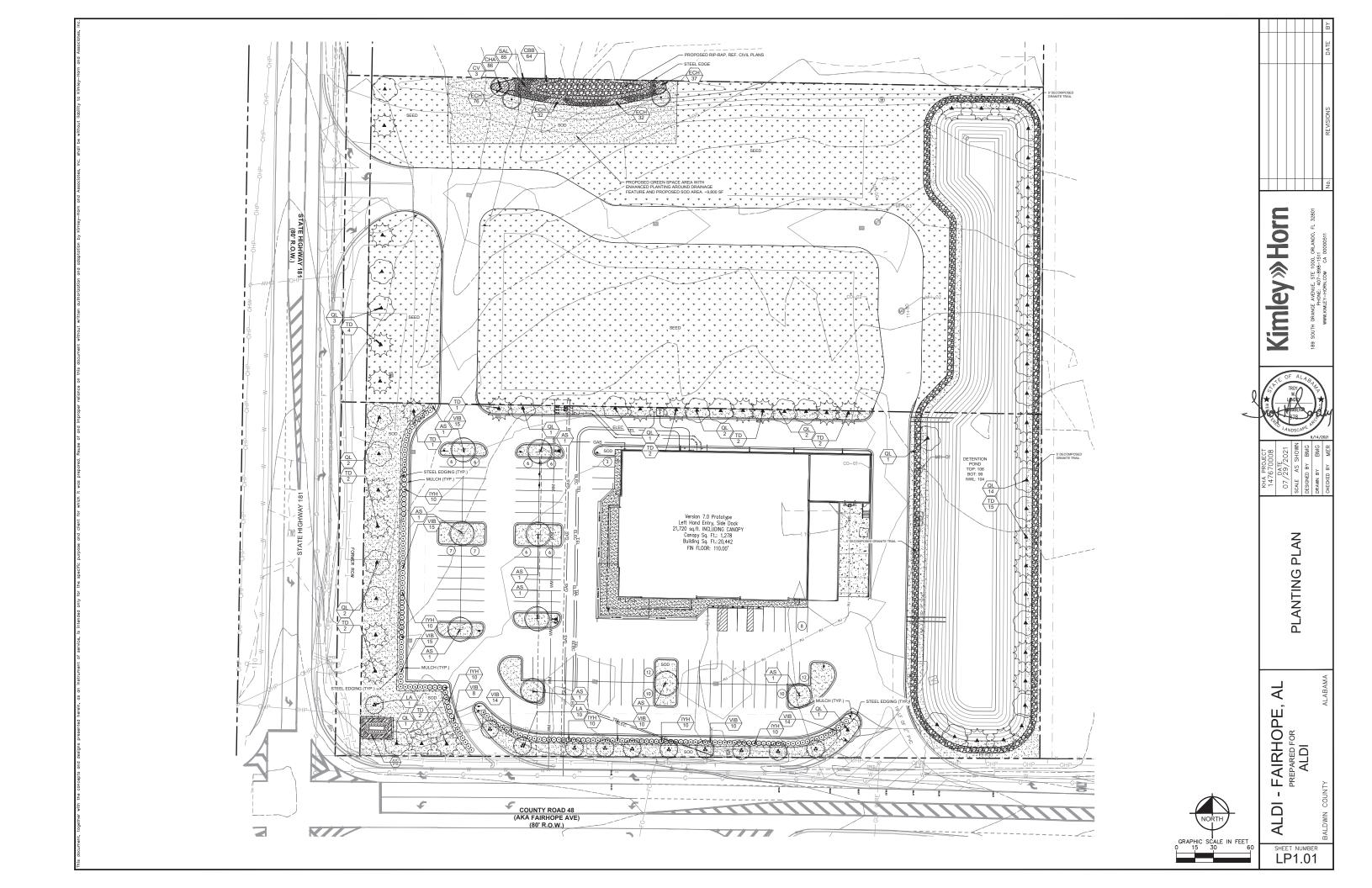
N FAIRHOPE PREPARED FOR ALDI INC.

ALDI

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SHEET NUMBER C-600





Stormwater Management Report for Baldwin County, Alabama

ALDI Grocery Store

Baldwin County, Alabama

Prepared by:

Kimley-Horn and Associates, Inc. 189 South Orange Avenue, Suite 1000 Orlando, Florida 32801 (407) 409-7007

CA#00000511

Matthew S. Gillespie, P.E. State of Alabama Professional Engineer, License No. 34176

This item has been electronically signed and sealed by Matthew S. Gillespie, P.E. using a Digital Signature.

September 15, 2021

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

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Matthew S. Gillespie, P.E. AL P.E. # 34176



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ALDI Grocery Store, Baldwin County, AL

DRAINAGE SUMMARY

1 EXECUTIVE SUMMARY

The proposed project consists of a 21,720 SF ALDI Grocery Store located near the NE quadrant of the intersection of Alabama Highway 181 and Baldwin County Highway 48 (also known as Fairhope Avenue) in Baldwin County, Alabama. The lot currently consists of undeveloped pastureland and woods with existing driveways and structures. The project is bordered to the north by a small commercial building, 4U Roofing, and undeveloped land, to the east by residential property, to the west by Alabama Highway 181, and to the south by Baldwin County Highway 48.

With the proposed development, new stormwater management facilities will be constructed to serve the project providing treatment and attenuation before discharging into the existing onsite ditch located on the north edge of the property. Treatment will be provided via a wet detention pond located on the east side of the property. The calculations performed to accompany this report compare the pre- and post-development discharge for the 2-year, 5-year, 10-year, 25-year, and 100-year 24-hour design storms. Design parameters have been addressed in accordance with the requirements of Section 7-18 (Ordinance No. 1281) of the City of Fairhope Municipal Code and per Article V Section F (Section 8 (a.), (1), and (2)) of the Stormwater Standards of the City of Fairhope Subdivision Regulations.

2 EXISTING CONDITIONS

The project site is a ±6.79 AC pasture and woodland property. The lot currently consists of undeveloped pastureland/woods and existing driveways and structures, which slope generally to the northern property line. Under existing conditions, the stormwater runoff drains offsite via overland/sheet flow to the north edge of the property and ultimately discharges to an existing onsite ditch. There is also an existing roadside ditch in the Alabama Highway 181 right-of-way on the northwest corner of the property and the Baldwin County Highway 48 right-of-way on the southeast corner. Appendix F details the pre-development conditions of the site.

3 PROPOSED CONDITIONS

This development utilizes the existing onsite ditch to the north, the existing Alabama Highway 181 roadside ditch to the northwest, the existing Baldwin County Highway 48 roadside ditch to the southeast and an onsite 0.84 AC wet detention pond. The impervious area increases from the pre-development conditions. Underground drainage pipes will be installed to collect and convey the stormwater to the wet detention pond that will be constructed along the east side of the property. When the capacity of the wet detention pond is reached, the stormwater is conveyed to the existing onsite ditch. The proposed wet detention pond has been designed to remove 80% TSS per Article V Section F of the Stormwater Standards of the City of Fairhope Subdivision Regulations. Appendix G details the post-development conditions of the site.

4 WATER QUANTITY

The post-development discharge rates for the existing onsite ditch located on the north edge on the site are greater than the pre-development rates for the 5-year and 10-year 24-hour design storms. The post-development discharge rates for the existing Alabama Highway 181 roadside ditch are slightly greater for each of the design storms, but closely mimic the pre-developed condition. For the existing Baldwin County Highway 48 roadside ditch, post-development discharge rates are lower for each of the design storms. The provided treatment volume of the wet detention pond at the elevation of the weir is approximately 0.695 AC-FT. When staging from storm events exceeds the provided treatment volume, stormwater will flow over the bypass weir, set at elevation 105.2', and discharge to the existing onsite ditch to the north. This information and corresponding calculations are shown in Appendix E. The onsite stormwater system has been analyzed for the 2-year, 5year, 10-year, 25-year, and 100-year 24-hour rainfall events. The discharge is below the allowable discharge rate for the 2-year, 25-year, and 100-year storm events. The individual analyses with required rainfall amounts and durations are given in the drainage models in the appendix. Rainfall amounts are summarized as follows:

Storm Event	Rainfall (in.)
2 year – 24 hour	5.94
5 year – 24 hour	7.54
10 year – 24 hour	9.07
25 year – 24 hour	11.50
50 year – 24 hour	13.60
100 year – 24 hour	15.90

The tables below show a summary of the pre- and post-development runoff conditions for the property.

To North Existing Ditch				
Storm	<u>PRE</u> Peak Outflow (CFS)	<u>POST</u> Peak Outflow (CFS)	Δ	
2YR-24HR	13.85	8.65	-5.20	
5YR-24HR	19.93	16.37	-3.56	
10YR-24HR	25.90	23.87	-2.03	
25YR-24HR	35.49	33.66	-1.83	
100YR-24HR	52.95	50.63	-2.32	

^{*}Total peak outfall to downstream existing drainage ditch along the north side of the property.

To Alabama Highway 181				
Storm	PRE Peak Outflow (CFS)	POST Peak Outflow (CFS)	Δ	
2YR-24HR	0.70	0.91	0.21	
5YR-24HR	0.94	1.18	0.24	
10YR-24HR	1.17	1.43	0.26	
25YR-24HR	1.54	1.83	0.29	
100YR-24HR	2.20	2.55	0.35	

^{*}Total peak outfall to the northwest corner of the site to existing Hwy 81 roadside ditch.

To Baldwin County Highway 48				
Storm	<u>PRE</u> Peak Outflow (CFS)	<u>POST</u> Peak Outflow (CFS)	Δ	
2YR-24HR	1.75	0.91	-0.84	
5YR-24HR	2.41	1.16	-1.25	
10YR-24HR	3.04	1.40	-1.64	
25YR-24HR	4.04	1.78	-2.26	
100YR-24HR	5.85	2.46	-3.39	
*Total peak outfall to the southeast corner of the site to existing Hwy 48 roadside ditch.				

Wet Pond Stages							
Storm Interval	Top of Pond	Post-Dev Peak Stage	Freeboard (FT)	Peak Inflow (CFS)	Peak Outflow (CFS)		
2YR-24HR	108.00	105.88	2.12	24.15	15.96		
5YR-24HR	108.00	106.29	1.71	31.44	15.96		
10YR-24HR	108.00	106.61	1.39	38.49	22.48		
25YR-24HR	108.00	107.05	0.95	49.40	31.50		
100YR-24HR	108.00	107.73	0.27	68.68	47.41		

Section 7-18 (Ordinance No. 1281) of the City of Fairhope Municipal Code requires that peak flows from the 25-year design storm be retained onsite. The proposed system allows for peak flow rates from the design storms displayed above to be attenuated and provides discharge rates below the required conditions. Also, the Stormwater Standards of the City of Fairhope Subdivision Regulations requires conditions for "Streambank Protection". The proposed system results in a post-development discharge for the 2-year 24-hour storm event that is lower than the discharge for the pre-development conditions.

5 WATER QUALITY

Water quality treatment has been provided for the entire contributing drainage area less the roof and water surface. There is a layer of clay underneath the surface of the site that prohibits effective percolation. Treatment has been provided for the first 1.8 inches of runoff across the site area.

An increase in the impervious area of approximately 5.10 AC from the existing conditions was considered in the stormwater modeling. This increase in impervious area accounts for the conditions at the completion of the project as well as future development. The Drainage Basin Summary in Appendix E displays this information.

ALDI Building Area =	0.50 AC
Proposed Pavement =	1.91 AC
Future Impervious =	2.23 AC
Total Impervious Area =	4.64 AC
Proposed Pervious =	1.15 AC
Future Pervious =	1.00 AC
Total Pervious Area =	2.15 AC
Total ALDI Development Area =	6.79 AC
Impervious Offsite Area =	1.04 AC
Pervious Offsite Area =	0.49 AC
Total Offsite Contributing Area =	1.53 AC
Total Analyzed Area =	8.32 AC

Required Treatment

Total Treatment Provided = 0.73 AC-FT

The treatment volume stays detained in the proposed wet detention pond.

Calculations for the pond water balance and treatment is provided in Appendix G.

6 COLLECTION SYSTEM

The proposed storm sewer collection system was designed in accordance with the 25-year 24-hour storm event; therefore, the drainage pipes and structures were designed to handle the rainfall intensity of 11.50"/hr.

Catch Basin CB-11 has additional storage volume above the inlet top. CB-11 is located in a lawn area within the roadside swale of Baldwin County Highway 48. A summary of the collection system stages is displayed below.

COLLECTION SYSTEM STAGES							
25YR-24HR STORM EVENT							
Inlet	Top of Inlet (Elev.)	Peak Storm Event Stage (Elev.)	Freeboard (FT)	Peak Storm Event Flow (CFS)			
CB-1	107.85	107.65	0.20	3.74			
CB-2	108.70	107.59	1.11	7.62			
CB-3	108.70	107.51	1.19	10.02			
CB-4	108.00	107.49	0.51	18.51			
CB-5	107.80	107.48	0.32	8.46			
CB-6	107.45	107.43	0.02	9.07			
CB-7	107.45	107.42	0.03	29.87			
CB-8	107.50	107.29	0.21	32.46			
CB-9	107.50	107.15	0.35	35.35			
CB-10	107.65	107.10	0.55	40.34			
CB-11	106.25	107.11	-0.86	2.48			

7 SUMMARY

The stormwater management system proposed under this application meets the criteria outlined in Section 7-18 (Ordinance No. 1281) of the City of Fairhope Municipal Code and Article V Section F of the Stormwater Standards of the City of Fairhope Subdivision Regulations for the 2-year, 5-year, 10-year, 25-year, and 100-year 24-hour design storms. The proposed stormwater wet detention pond provides water quality treatment for 1.8 inches of runoff from the drainage area using the formula specified previously with removal of 80% TSS. Stormwater attenuation is provided to reduce the peak discharge in a majority of storm events to that below the pre-development conditions. Thus, authorization is requested to construct the proposed ALDI Grocery Store project.

ENGINEER'S CERTIFICATE

I, Matthew S. Gillespie, the undersigned, a Registered Professional Engineer in the State of Alabama holding Certificate Number PE 34176, hereby certify that I have reviewed the design herein which was done under my direct control and supervision and that, to the best of my professional knowledge and to the best of my belief, conforms to the requirements of Section 7-18 of the City of Fairhope Municipal Code, Article V Section F of the Stormwater Standards of the City of Fairhope Subdivision Regulations, and to all other rules, regulations, laws, and ordinances applicable to my design.

Matthew S. Gillespie, PE #34176	
Date	

Name of Project: ALDI Fairhope, AL

Plans which are certified consist of Page C-000 thru C-600, each of which bears my seal and signature.



ALDI Fairhope

Fairhope, Alabama

Report Prepared:

August 2021

Prepared for:

ALDI Fairhope

For Submittal to:

The City of Fairhope

Prepared by:



Kimley-Horn and Associates, Inc. 420 North 20th Street, Suite 2200 Birmingham, AL 35203 August 2021 147670008

Traffic Impact Study

ALDI Fairhope

Fairhope, Alabama

Report Prepared:

August 2021

Prepared for:

ALDI Fairhope

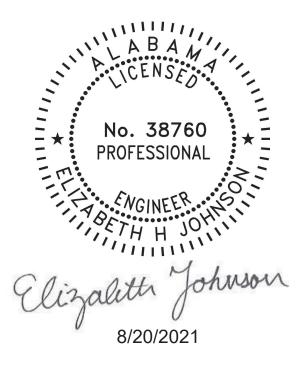
For Submittal to:

The City of Fairhope

Prepared by:



Kimley-Horn and Associates, Inc. 420 North 20th Street, Suite 2200 Birmingham, AL 35203 August 2021 147670008



Kimley»Horn

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1.0 INTRODUCTION

This report presents the analysis of the anticipated traffic impacts associated with the *ALDI Site* development, which is expected to be completed in 2022 (referred to herein as "build-out year"). This study evaluates the impact of constructing a 20,442 SF supermarket, a 3,060 SF fast food restaurant, and a 7,500 SF commercial parcel. The site is located to the east of AL 181 and north of CR 48/Fairhope Avenue in the City of Fairhope, Baldwin County, Alabama.

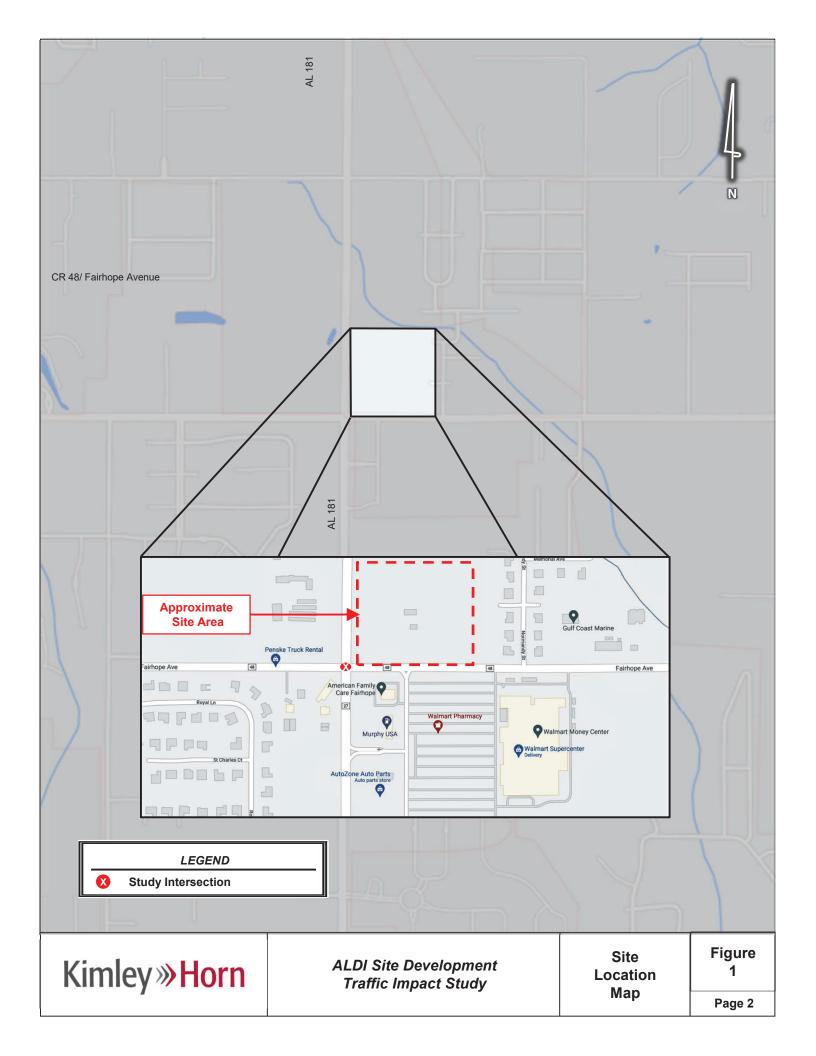
Figure 1 provides a location map of the project site. **Figure 2** provides an aerial image that captures the project site and the study roadway network. A site plan is also included in **Appendix A**.

2.0 STUDY AREA DETERMINATION

The study area consists of the following existing intersection:

1. AL 181 at CR 48/Fairhope Avenue (signalized)

For purposes of the traffic impact study, CR 48/ Fairhope Avenue considered to have an east-west orientation. AL 181 is considered to have a north-south orientation.





3.0 EXISTING TRAFFIC CONDITIONS

3.1 ROADWAY CONDITIONS

The roadways within the study network have the following characteristics:

<u>AL 181</u> is a three-lane, minor arterial roadway with a 35-mph posted speed limit. ALDOT counts taken along AL 181 indicate an annual average daily traffic (AADT) of approximately 14,000 vehicles per day in 2020.

<u>CR 48/Fairhope Avenue</u> is a two-lane, minor arterial roadway with a 35-mph posted speed limit. ALDOT counts taken along CR48/Fairhope Avenue (east and west) indicate an annual average daily traffic (AADT) of approximately 10,000 vehicles per day in 2020.

3.2 VEHICULAR VOLUMES

Vehicle peak hour turning movement counts were performed at the following study intersections:

1. AL 181 at CR 48/Fairhope Avenue (signalized)

The peak hour turning movement counts during the AM period (7:00 - 9:00) and PM period (4:00 - 6:00) were performed on Tuesday, July 27^{th} , 2021. The AM and PM peak hours for the intersection are listed below in **Table 1**. The peak hour traffic counts were used to perform the analysis presented in this report.

Additionally, a 24-Hour volume count was performed along AL-181 and CR 48/Fairhope Avenue.

Table 1: Intersection Peak Hours						
Intersection	AM Peak Hour	PM Peak Hour				
1.AL 181 at CR 48/Fairhope Avenue (signalized)	7:15 AM – 8:15 AM	4:30 PM – 5:30 PM				

The complete traffic count data is provided in **Appendix B.**



3.3 EXISTING VOLUME ADJUSTMENT

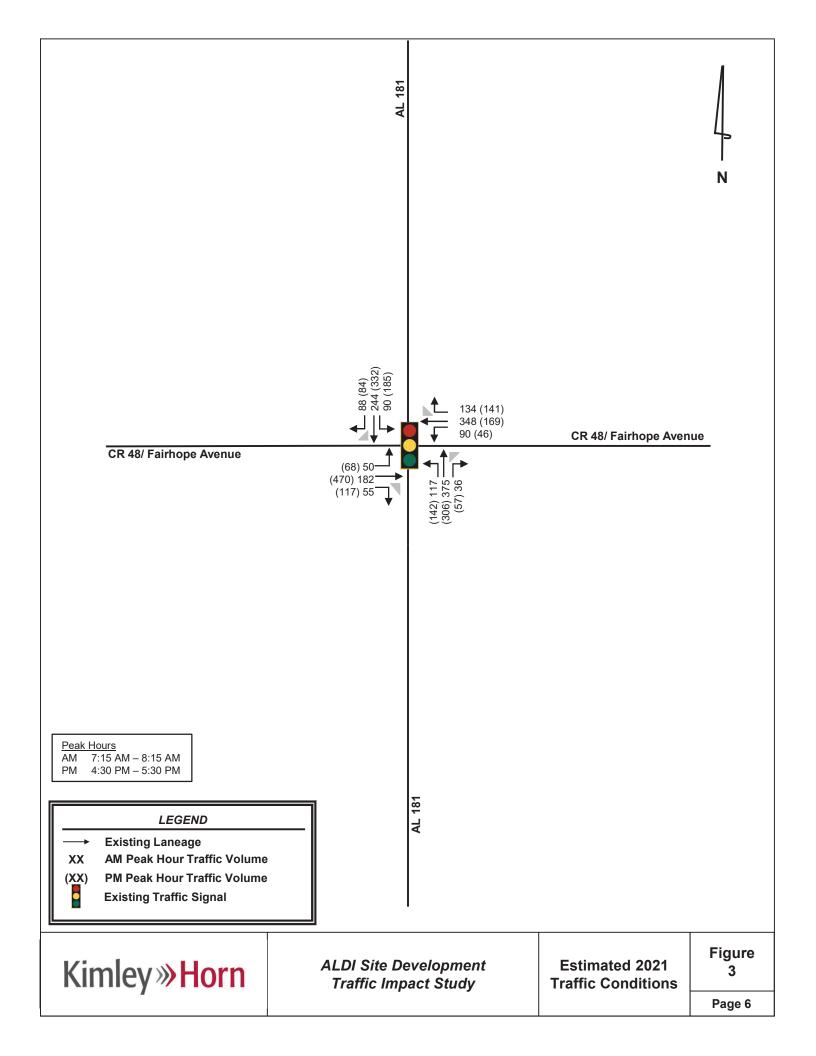
Due to COVID-19's widespread impact on traffic conditions and the impact of collecting traffic counts during summer season, the Average Daily Traffic (ADT) volumes collected in 2021 and Annual Average Daily Traffic (AADT) volumes from ALDOT's Alabama Traffic Data collected in January 2020 were used to compare typical traffic volumes in the vicinity of the project site.

The volume comparison is shown in tabular format in **Table 2**.

Table 2: Traffic Count Comparison and Adjustment Calculations												
Count		ALDOT						Collected				
Station	Location	2020 AADT	ADT Date	e ADT	AM	Peak	PM Peak		2021 ADT		AM Peak	PM Peak
0000	6008 AL 181 at CR 48/Fairhope Avenue	14,000	1/8/2020	14,25	0 1,	109	1,206					
6008		Estimated 2021 AADT w/ Growth Factor		14,53	,535 1,131		1,230		13,1	161	889	1,009
Difference Calculations		ADT			AM Peak				PM Peak			
		Vol	Percent	Factor	Vol	Per	cent	Facto	or	Vol	Percent	Factor
6008	AL 181 at CR 48/Fairhope Avenue	-1,374	-10%	1.1	-242	-2	1%	1.3		-221	-18%	1.2

As a result of the volume comparison, it was determined that an adjustment factor of 1.1 should be used for all roadways during the AM and PM peak. The complete traffic count data is provided in **Appendix B**.

Figure 3 illustrates the Estimated 2021 traffic conditions for the AM and PM peak hours and the existing roadway geometry.



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4.0 PROJECTED BACKGROUND (NON-PROJECT) TRAFFIC

Projected background (non-project) traffic is defined as the expected traffic on the roadway network in the future year(s) absent the *ALDI Site* development. The Existing 2021 peak hour traffic volumes were increased by 2% for one (1) year to account for the expected background growth in traffic through year 2022 build-out of the project. **Figure 4** illustrates the Projected 2022 No-Build traffic volumes for the AM and PM peak hours.

5.0 PROJECT TRAFFIC

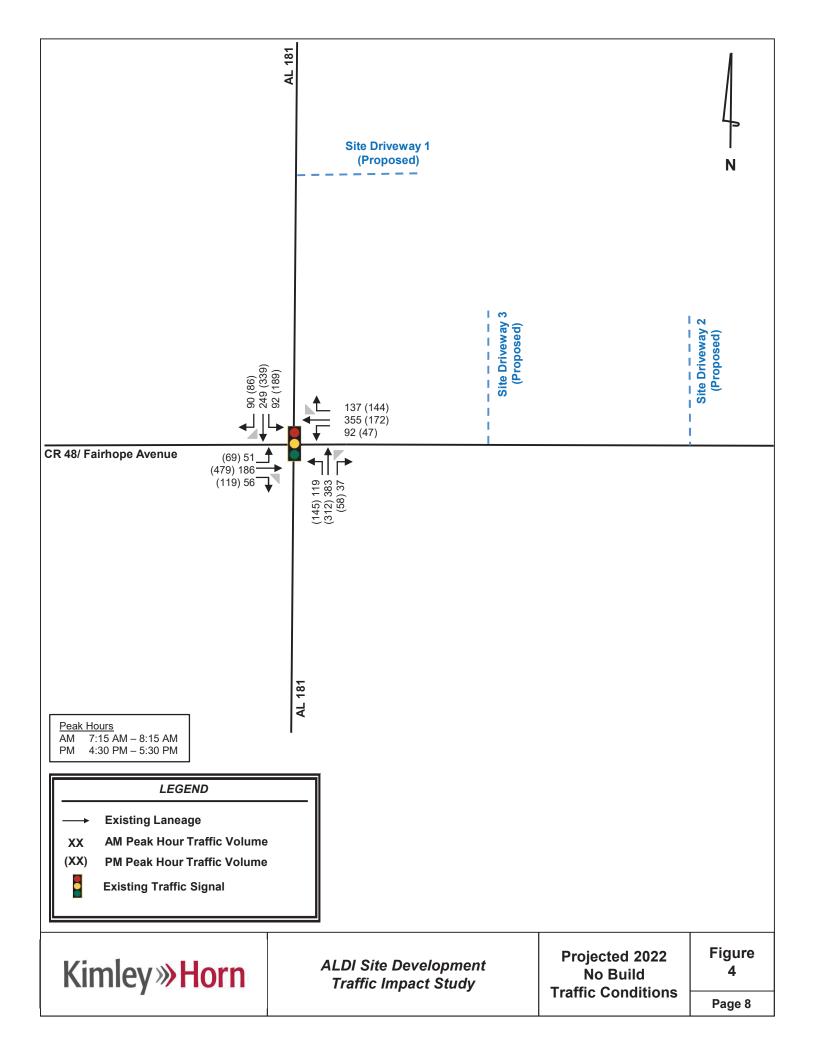
Project traffic used in this analysis is defined as the vehicle trips expected to be generated by the proposed development and the distribution and assignment of that traffic through the study roadway network. This traffic impact study evaluated the impacts of adding the new trips generated by the proposed *ALDI Site* development.

5.1 PROJECT SITE ACCESS

Access to the site will be provided via three (3) proposed site driveways, which are shown on the proposed site plan in **Appendix A**. A brief description of the site driveways are as follows:

- Proposed Site Driveway 1 a proposed full-movement, side-street stop-controlled driveway, approximately 470 feet north of the intersection of AL 181 at CR 48/Fairhope Avenue (Intersection 1), with one (1) ingress lane entering the site and two (2) egress lanes exiting the site.
- Proposed Site Driveway 2 a proposed right-in right-out, side-street yield-controlled driveway, approximately 420 feet east of the intersection of AL 181 at CR 48/Fairhope Avenue, with one (1) ingress lane entering the site and one (1) egress lane exiting the site.
- Proposed Site Driveway 3 a proposed right-in, side-street driveway, approximately 150 feet east of AL 181, with one (1) ingress lane entering the site.

The proposed site driveways provide vehicular access to the entire development. Internal private roadways throughout the site provide access to the building and all parking facilities. Refer to the site plan in **Appendix A** for a visual representation of vehicular access and circulation throughout the proposed development.





5.2 TRIP GENERATION

Gross trips associated with the proposed development were estimated using the *Institute of Transportation Engineers' (ITE) Trip Generation Manual, 10th Edition, 2017, using equations where available. Trip generation for the proposed development was calculated based upon the following land uses:*

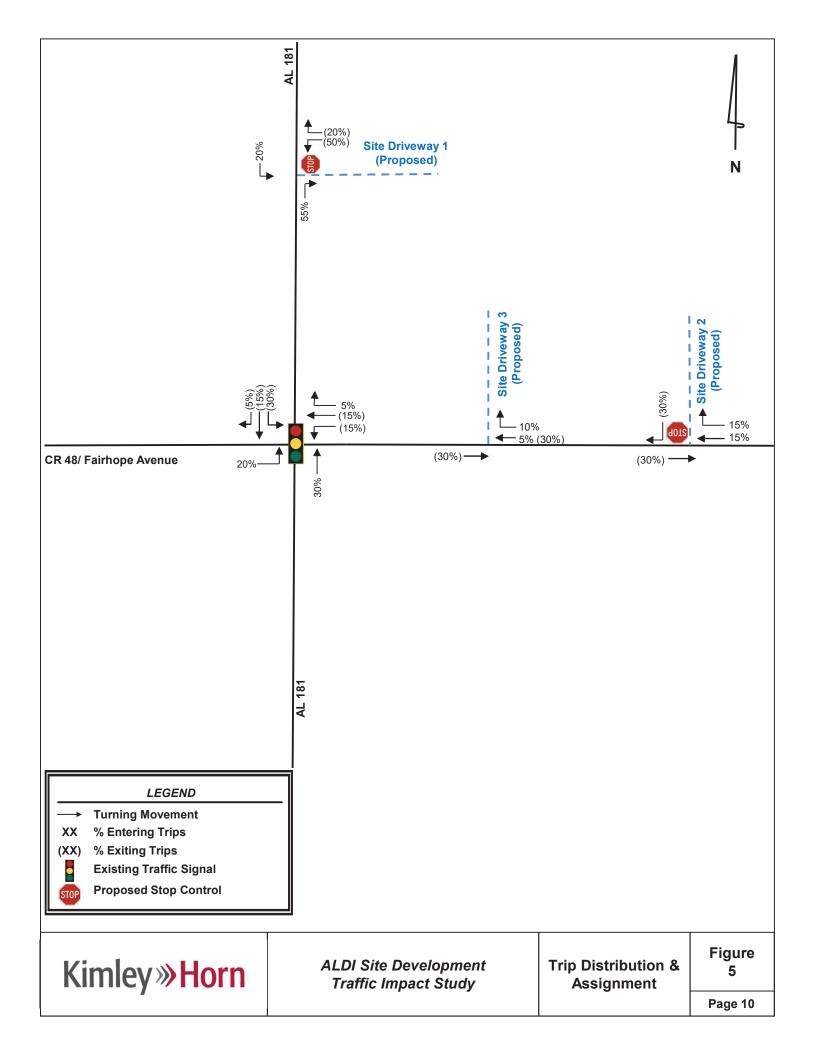
- Land Use 820: Shopping Center
- Land Use 850: Supermarket
- Land Use 932: High Turnover (Sit-Down) Restaurant
- Land Use 934: Fast-Food Restaurant with Drive-Through Window

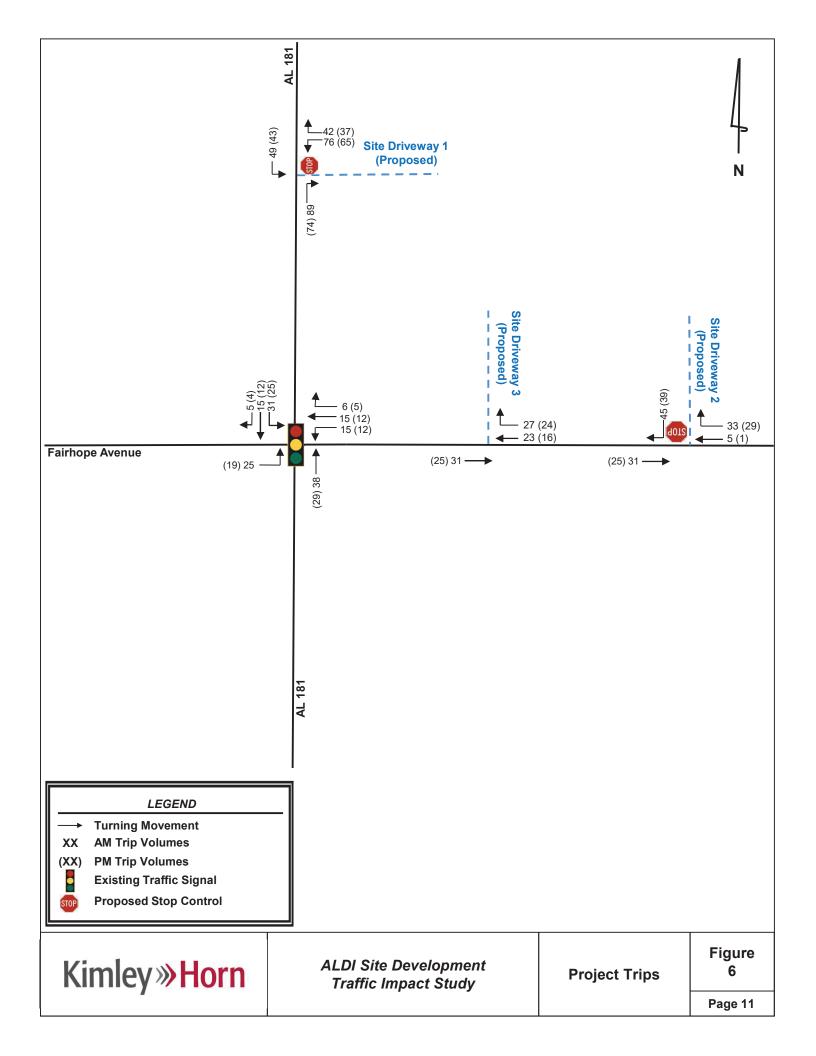
Table 3 summarizes the trip generation for the proposed development upon full build-out (2022). **Appendix C** provides the detailed trip generation worksheet for the proposed development. Mixed-use and pass-by reductions to gross trips were applied due to the commercial nature of the proposed development. No alternative mode reductions were applied.

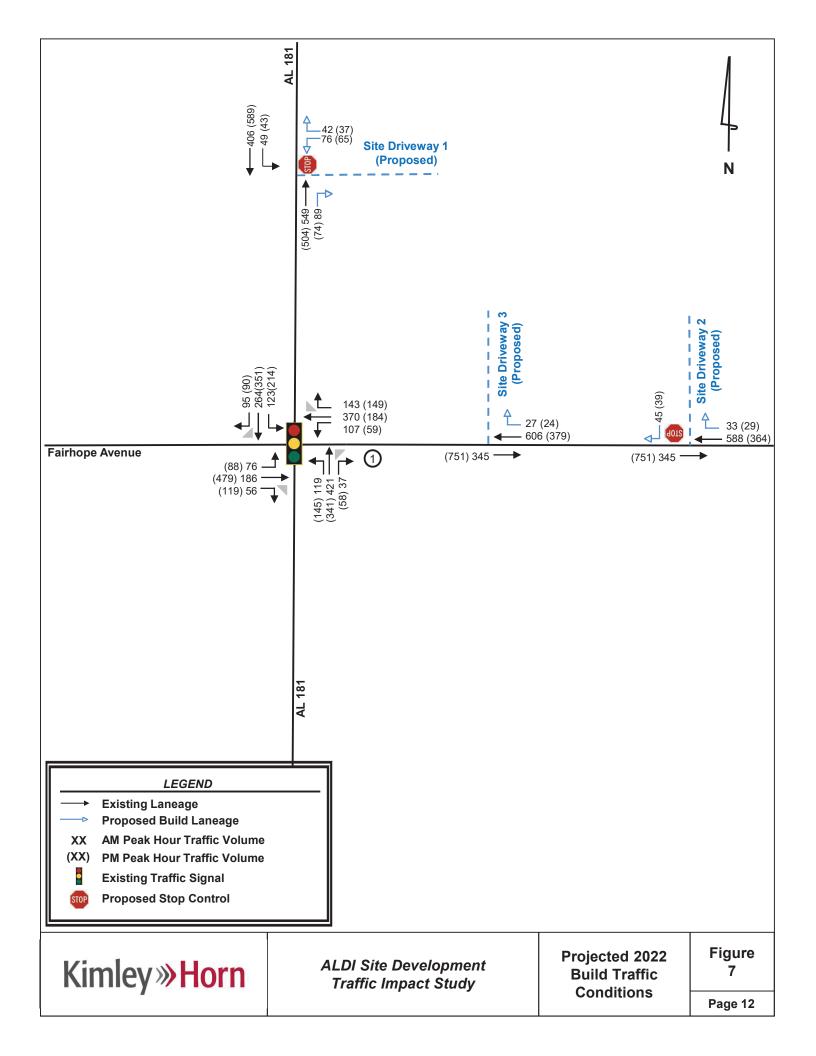
Table 3: Project Trip Generation Summary										
Land Use	ITE	Density	Daily	Traffic	AM Peak Hour		PM Peak Hour			
(Intensity)	Code	20	Enter	Exit	Enter	Exit	Enter	Exit		
Shopping Center	820	3,750 s.f. g.l.a.	71	71	2	2	7	7		
Supermarket	850	20,442 s.f.	1,331	1,331	47	31	121	117		
High Turnover (Sit-Down) Restaurant	932	3,750 s.f.	210	210	20	17	23	14		
Fast-Food Restaurant with Drive- Through Window	934	3,060 s.f.	721	721	63	60	52	48		
Total New Trips				2,333	132	110	203	186		

5.3 TRIP DISTRIBUTION AND ASSIGNMENT

The directional distribution and assignment of adding new trips (project trips) related to the proposed development was based on a review of land uses and population densities in the area, existing travel patterns in the area, and engineering judgement. A detailed trip distribution and assignment is shown in **Figure 5**. Based on trip generation from **Table 3** and the anticipated trip distribution, new project trips were assigned to the study roadway network. **Figure 6** illustrates the new project trips distributed throughout the study network. **Figure 7** illustrates the Projected 2022 Build traffic volumes for the AM and PM peak hours. **Appendix D** provides intersection volume worksheets for all study intersections.









6.0 LEVEL-OF-SERVICE ANALYSIS

Level-of-service (LOS) determinations were made for the weekday AM and PM peak hours for the study network intersections using *Synchro*, *Version 11.0*. The program uses methodologies contained in the 6th *Edition Highway Capacity Manual* to determine the operating characteristics of an intersection. Capacity is defined as the maximum number of vehicles that can pass over a particular road segment or through a particular intersection within a specified period under prevailing roadway, traffic, and control conditions.

LOS is used to describe the operating characteristics of a road segment or intersection in relation to its capacity. LOS is defined as a qualitative measure that describes operational conditions and motorists' perceptions of a traffic stream. The *Highway Capacity Manual* defines six levels of service, LOS A through LOS F, with A being the best and F the worst.

LOS for unsignalized intersections, with stop control on the minor streets only, are reported for the sidestreet approaches and major street left-turns. Low levels-of-service for side street approaches are not uncommon, as vehicles may experience delay turning onto a major roadway.

In addition to the Estimated 2021 conditions, an analysis was performed for the AM and PM peak hours under Projected 2022 No-Build and Build traffic conditions. The results of the LOS analysis are summarized for the AM and PM peak hours in **Table 4.** The *Synchro* analysis reports are included in **Appendix E**.



Table 4: Level-of-Service Summary LOS (Delay in Seconds)								
	Approach/ Movement	Existin	g 2021		ed 2022 Build	Projected 2022 Build		
Intersection		AM Peak	PM Peak	AM Peak	PM Peak	AM Peak	PM Peak	
AL 181 at CR 48/Fairhope Avenue (signalized)	Overall	D (45.4)	D (49.2)	D (45.8)	D (49.9)	D (49.5)	D (52.4)	
Proposed Site Driveway 1 at	SBL					A (8.9)	A (8.7)	
AL 181 (unsignalized)	WBL					D (32.6)	E (38.5)	
Proposed Site Driveway 2 at CR 48/Fairhope Avenue (unsignalized)	SBL					B (13.4)	B (10.9)	

As shown in **Table 4**, the analyses indicate that all study intersections are projected to operate at an acceptable overall LOS during the AM and PM peak hours under Estimated 2021 conditions, Projected 2022 No-Build conditions, and Projected 2022 Build conditions.

It should be noted that low levels-of-service for side street approaches are not uncommon, as vehicles may experience delay turning onto a major roadway.



7.0 CONCLUSION

This report presented the analysis of the anticipated traffic impacts associated with the ALDI Site development, which is expected to be completed in 2022. This study evaluated the impact of constructing a 20,442 SF supermarket, a 3,060 SF fast food restaurant, and a 7,500 SF commercial parcel. The site is located to the east of AL 181 and north of CR 48/Fairhope Avenue in the City of Fairhope, Baldwin County, Alabama.

The study network, which consisted of one (1) intersection, was analyzed for the weekday AM and PM peak hours under estimated 2021 conditions, Projected 2022 No-Build conditions (one (1) year of background traffic growth at 2% per year), and Projected 2022 Build conditions (Projected 2022 No-Build conditions plus traffic generated by the proposed *ALDI Site* development). The study intersection is expected to operate at an overall acceptable level-of-service under all future conditions.

Under Projected 2022 Build Conditions, the proposed site driveways will operate at acceptable level-ofservice

7.1 RECOMMENDATIONS

Based on the results of this traffic impact study, no off-site roadway improvements are recommended.

However, the following improvements are recommended at the site driveways to serve the proposed development:

- Proposed Site Driveway 1
 - On the site, construct a full-movement stop-controlled driveway with one (1) ingress lane entering the site and two (2) egress lanes exiting the site, per the site plan.
- Proposed Site Driveway 2
 - On the site, construct one (1) ingress lane entering the site and one (1) egress lane exiting the site, per the site plan.
- Proposed Site Driveway 3
 - o On the site, construct one (1) ingress lane entering the site, per the site plan.