

Campbell Rd @ Spring Rd

Sewer Capacity Request: Summary of Events

The following calculations and exhibit have been prepared in regards to sanitary sewer capacity serving the parcels of land located southeast of the intersection of Campbell Rd and Spring St. Please reference “Exhibit A: Overall Sanitary Sewer Basin” for the site locations and sewer lines mentioned in this letter.

Planners and Engineers Collaborative has been the civil engineer overseeing design of the two proposed residential developments: Campbell Rd @ Spring Rd containing 170 senior units and 114 single family attached units, and Cumberland Station, containing 108 single family attached units. These two developments drain into an existing network of sanitary sewer pipes which also capture the remainder of the sewer basin outlined in Exhibit A, and the entirety of this basin flows to an 8” main crossing under the CSX railroad.

All of the pertinent pipes in this sewer basin have been TVed by the client, problem areas of insufficient flow and built up debris have been identified, and the necessary work to bring these pipes up to the required design demands have been proposed and permitted. Data relating to the inspection of these pipes can be referenced in the “Exhibit B: Campbell Rd @ Spring Rd Sanitary Sewer TV” USB drives. Per Exhibit A, where the Campbell Rd @ Spring Rd development ties into the existing main, the section of pipe immediately downstream of that will be demolished and reinstalled at a steeper slope to increase pipe capacity. Also shown in Exhibit A, the existing pipe which conveys all of this basin under the CSX railroad will be bypassed and abandoned, to be replaced by the proposed pipe that will tie back into the downstream outfall line.

The design of this CSX crossing pipe has been reviewed and approved by CSX, and that agreement can be found in “Exhibit C: CSX Executed Agreement.” An EPD buffer variance permit has been approved for the work south of the railroad crossing to tie the new crossing pipe back into the existing outfall line, and this can be seen in “Exit D: EPA Approval”.

The sewer calculations on the following page summarize the existing and proposed sewer flow from the combined properties south of Spring Road. Planners and Engineers Collaborative is seeking approval from the City of Smyrna for sewer capacity for everything up to the end of our proposed CSX crossing.



Campbell Rd @ Spring Rd

Sewer Capacity Request: Flow Calculations

Note: Reference "Exhibit A: Overall Sanitary Sewer Basin" for location of the following developments

Service Area Flows (gpm)

Campbell Rd @ Spring Rd

284 Residential Units * 210 gpd/unit = 59,640 gpd = 41 gpm

Cumberland Station

108 Residential Units * 210 gpd/unit = 22,680 gpd = 16 gpm

Woodruff Dr Townhomes

28 Residential Units * 210 gpd/unit = 5,880 gpd = 4 gpm

Alder Park Apartments

270 Residential Units * 210 gpd/unit = 56,700 gpd = 39 gpm

Extended Stay America Hotel

125 Beds * 100 gpd/bed = 12,500 gpd = 9 gpm

Biryani N Grill Restaurant

100 Seats * 35 gpd/seat = 3,500 gpd = 2 gpm

Subtotal flow = (41 + 16 + 4 + 39 + 9 + 2) * 2.5 peaking factor = 279 gpm

Sewer Basin I&I

69.7 Acre basin * 500 gpd/acre = 34,860 gpd = 24 gpm

Total Sanitary Sewer Flow

279 gpm generated flow + 24 gpm I&I = 303 gpm total flow going to CSX crossing

Sewer Capacity Request: Pipe Capacity

PR2 to PR1 – Pipe Crossing under CSX Railroad

8" DIP, Mannings 'n' = 0.012, 1.12% pipe slope, full capacity = 624 gpm,

2/3 depth capacity = 499 gpm

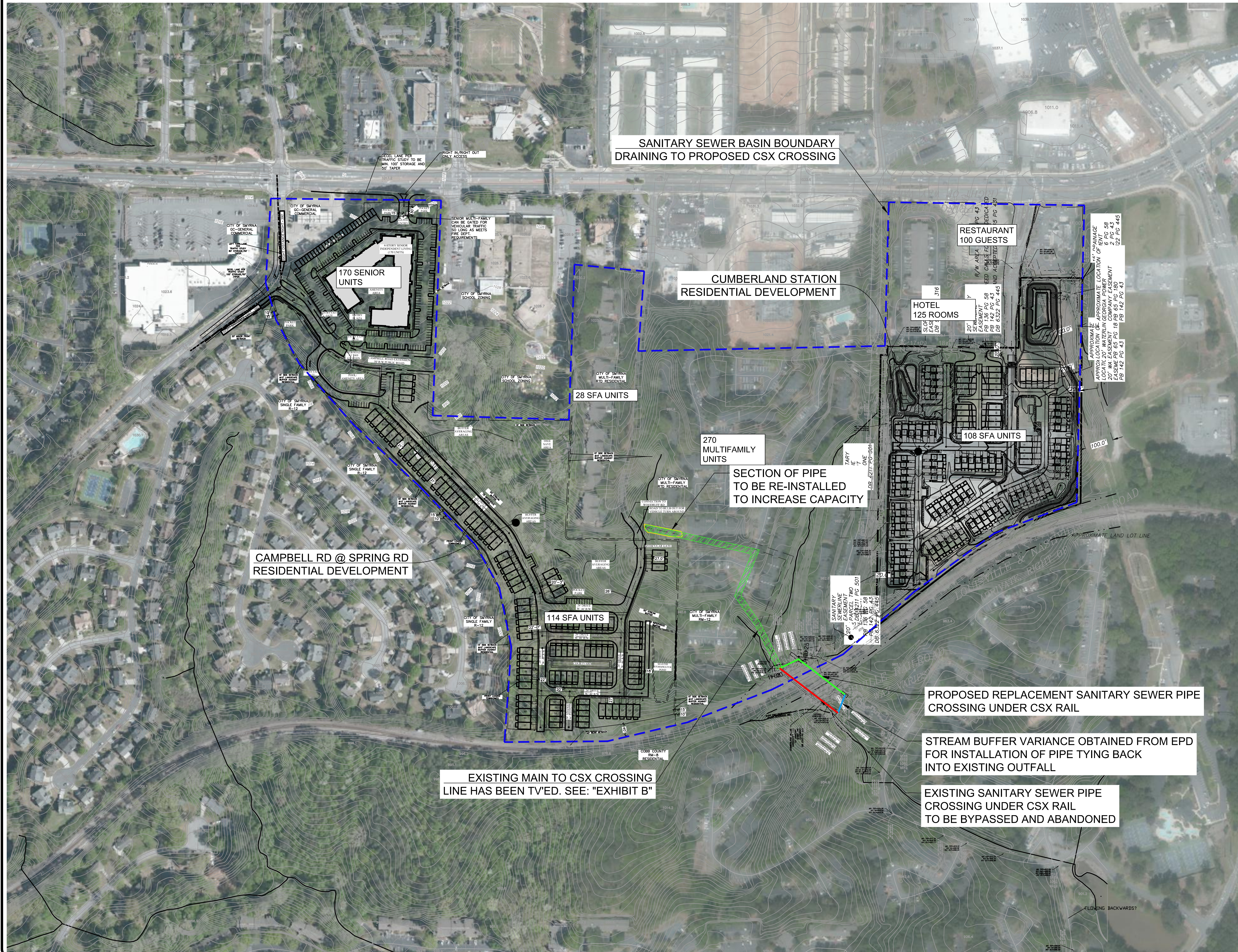
PR1 to EX 1 – Pipe tying back into existing outfall

8" DIP, Mannings 'n' = 0.012, 4.5% pipe slope, full capacity = 1250 gpm,

2/3 depth capacity = 1000 gpm

Note: 2/3 depth capacity of pipes exceed the 303 gpm flow going to them

Exhibit A



CUMBERLAND STATION
A MASTER PLANNED RESIDENTIAL DEVELOPMENT
FOR
LENNAR GEORGIA, INC.
1000 HOLCOMB WOODS PKWY
BLDG 400, STE 450
ROSWELL, GA 30076
PHONE: 470.538.2250

TAX PARCEL IDs:
1798460030, 1798460010, 1798460011
LAND LOT 846, 846
17TH DISTRICT

PLANNERS AND ENGINEERS COLLABORATIVE
SITE PLANNING | LANDSCAPE ARCHITECTURE | CIVIL ENGINEERING | LAND SURVEYING
350 RESEARCH COURT | PEACHTREE CORNERS, GEORGIA 30092 | (770) 451-2741 | FAX (770) 451-9915

"WE PROVIDE SOLUTIONS"

REVISIONS:

NO.	DATE	BY	DESCRIPTION

This drawing is the property of Planners and Engineers Collaborative and is not to be copied in whole or in part. It is not to be used on any other project and is to be returned upon request. © Planners and Engineers Collaborative.

COMBINED SEWER BASIN EXHIBIT

0 75 150 300 450

SCALE: 1" = 150'
DATE: MARCH 10, 2020
PROJECT: 17170.00E + 16235.00

THIS SEAL IS ONLY VALID IF COUNTER SIGNED AND DATED WITH AN ORIGINAL SIGNATURE.

PRELIMINARY
NOT TO BE RELEASED FOR CONSTRUCTION

0 90 NORTH

GEORGIA WEST ZONE

EX. A
SHEET

Exhibit B

(see 2 USB drives)

Exhibit C

FACILITY ENCROACHMENT AGREEMENT

THIS AGREEMENT, made and effective as of July 19, 2019, by and between CSX TRANSPORTATION, INC., as Lessee of Properties of WESTERN & ATLANTIC RAILROAD, a Virginia corporation, whose mailing address is 500 Water Street, Jacksonville, Florida 32202, hereinafter called "Licensor," and LENNAR GEORGIA, INC., a corporation of the State of Georgia, whose mailing address is 1000 Holcomb Woods Parkway, Building 400, Suite 450, Roswell, Georgia 30076, hereinafter called "Licensee," WITNESSETH:

WHEREAS, Licensee desires to construct (unless previously constructed and designated as existing herein), use and maintain the below described facility(ies), hereinafter called "Facilities," over, under or across property owned or controlled by Licensor, at the below described location(s):

1. One (1) new eight inch (8") diameter sub-grade pipeline crossing, solely for the conveyance of raw/treated sewage, located at or near Smyrna, Cobb County, Georgia, Atlanta Division, Atlanta Terminal Subdivision, Milepost 0WA-12.81, Latitude N33:52:42., Longitude W84:28:48.;
2. One (1) previously existing pipeline crossing to be brought under agreement and abandoned, located at or near Smyrna, Cobb County, Georgia, Atlanta Division, Atlanta Terminal Subdivision, Milepost 0WA-12.81, Latitude N33:52:42., Longitude W84:28:48.;

hereinafter, called the "Encroachment," as shown on print(s) labeled Exhibit "A," attached hereto and made a part hereof;

NOW, THEREFORE, in consideration of the mutual covenants, conditions, terms and agreements herein contained, the parties hereto agree and covenant as follows:

1. LICENSE:

1.1 Subject to Article 17, Licensor, insofar as it has the legal right, power and authority to do so, and its present title permits, and subject to:

(A) Licensor's present and future right to occupy, possess and use its property within the area of the Encroachment for any and all purposes;

(B) All encumbrances, conditions, covenants, easements, and limitations applicable to Licensor's title to or rights in the subject property; and

(C) Compliance by Licensee with the terms and conditions herein contained;

does hereby license and permit Licensee to construct, maintain, repair, renew, operate, use, alter or change the Facilities at the Encroachment above for the term herein stated, and to remove same upon termination.

1.2 The term Facilities, as used herein, shall include only those structures and ancillary facilities devoted exclusively to the transmission usage above within the Encroachment, and as shown on attached Exhibit A.

1.3 No additional structures or other facilities shall be placed, allowed, or maintained by Licensee in, upon or on the Encroachment except upon prior separate written consent of Licensor.

2. ENCROACHMENT FEE; TERM:

2.1 Licensee shall pay Licensor a one-time nonrefundable Encroachment Fee of FIVE THOUSAND ONE HUNDRED AND 00/100 U.S. DOLLARS (\$5,100.00) upon execution of this Agreement. Licensee agrees that the Encroachment Fee applies only to the original Licensee under this Agreement. In the event of a successor (by merger, consolidation, reorganization and/or assignment) or if the original Licensee changes its name, then Licensee shall be subject to payment of Licensor's current administrative and document preparation fees for the cost incurred by Licensor in preparing and maintaining this Agreement on a current basis.

2.2 However, Licensee assumes sole responsibility for, and shall pay directly (or reimburse Licensor), any additional annual taxes and/or periodic assessments levied against Licensor or Licensor's property solely on account of said Facilities or Encroachment.

2.3 This Agreement shall terminate as herein provided, but shall also terminate upon: (a) Licensee's cessation of use of the Facilities or Encroachment for the purpose(s) above; (b) removal of the Facilities; (c) subsequent mutual consent; and/or (d) failure of Licensee to complete installation within five (5) years from the effective date of this Agreement.

2.4 In further consideration for the license or right hereby granted, Licensee hereby agrees that Licensor shall not be charged or assessed, directly or indirectly, with any part of the cost of the installation of said Facilities and appurtenances, and/or maintenance thereof, or for any public works project of which said Facilities is a part.

3. CONSTRUCTION, MAINTENANCE AND REPAIRS:

3.1 Licensee shall construct, maintain, relocate, repair, renew, alter, and/or remove the Facilities, in a prudent, workmanlike manner, using quality materials and complying with any applicable standard(s) or regulation(s) of Licensor (CSXT Specifications), or Licensee's particular industry, National Electrical Safety Code, or any governmental or regulatory body having jurisdiction over the Encroachment.

3.2 Location and construction of Facilities shall be made strictly in accordance with design(s) and specifications furnished to and approved by Licensor and of material(s) and size(s) appropriate for the purpose(s) above recited.

3.3 All of Licensee's work, and exercise of rights hereunder, shall be undertaken at time(s) satisfactory to Licensor, and so as to eliminate or minimize any impact on or interference with the safe use and operation of Licensor's property and appurtenances thereto.

3.4 In the installation, maintenance, repair and/or removal of said Facilities, Licensee shall not use explosives of any type or perform or cause any blasting without the separate express written consent of Licensor. As a condition to such consent, a representative will be assigned by Licensor to monitor blasting, and Licensee shall reimburse Licensor for the entire cost and/or expense of furnishing said monitor.

3.5 Any repairs or maintenance to the Facilities, whether resulting from acts of Licensee, or natural or weather events, which are necessary to protect or facilitate Licensor's use of its property, shall be made by Licensee promptly, but in no event later than thirty (30) days after Licensee has notice as to the need for such repairs or maintenance.

3.6 Licensor, in order to protect or safeguard its property, rail operations, equipment and/or employees from damage or injury, may request immediate repair or renewal of the Facilities, and if the same is not performed, may make or contract to make such repairs or renewals, at the sole risk, cost and expense of Licensee.

3.7 Neither the failure of Licensor to object to any work done, material used, or method of construction or maintenance of said Encroachment, nor any approval given or supervision exercised by Licensor, shall be construed as an admission of liability or responsibility by Licensor, or as a waiver by Licensor of any of the obligations, liability and/or responsibility of Licensee under this Agreement.

3.8 All work on the Encroachment shall be conducted in accordance with Licensor's safety rules and regulations.

3.9 Licensee hereby agrees to reimburse Licensor any loss, cost or expense (including losses resulting from train delays and/or inability to meet train schedules) arising from any failure of Licensee to make repairs or conduct maintenance as required by Section 3.5 above or from improper or incomplete repairs or maintenance to the Facilities or Encroachment.

3.10 In the event it becomes necessary for the Licensee to deviate from the approved Exhibit, Licensee shall seek prior approval from CSXT, or when applicable, an official field representative of CSXT permitted to approve changes, authorizing the necessary field changes and Licensee shall provide CSXT with complete As-Built Drawings of the completed work. As-Built Drawings shall be submitted to Licensor in either electronic or hard copy form upon the substantial completion of the project and upon Licensor's request.

3.11 In the event of large scale maintenance/construction work to railroad bridges Licensee is required to protect power lines with insulated covers or comparable safety devices at their costs during construction/maintenance for safety of railroad employees.

4. PERMITS, LICENSES:

4.1 Before any work hereunder is performed, or before use of the Encroachment for the contracted purpose, Licensee, at its sole cost and expense, shall obtain all necessary permit(s) (including but not limited to zoning, building, construction, health, safety or environmental matters), letter(s) or certificate(s) of approval. Licensee expressly agrees and warrants that it shall conform and limit its activities to the terms of such permit(s), approval(s) and authorization(s), and shall comply with all applicable ordinances, rules, regulations, requirements and laws of any governmental authority (State, Federal or Local) having jurisdiction over Licensee's activities, including the location, contact, excavation and protection regulations of the Occupational Safety and Health Act (OSHA) (29 CFR 1926.651(b)), et al., and State "One Call" - "Call Before You Dig" requirements.

4.2 Licensee assumes sole responsibility for failure to obtain such permit(s) or approval(s), for any violations thereof, or for costs or expenses of compliance or remedy.

5. MARKING AND SUPPORT:

5.1 With respect to any subsurface installation or maintenance upon Licensor's property, Licensee, at its sole cost and expense, shall:

- (A) support track(s) and roadbed in a manner satisfactory to Licensor;
- (B) backfill with satisfactory material and thoroughly tamp all trenches to prevent settling of surface of land and roadbed of Licensor; and
- (C) either remove any surplus earth or material from Licensor's property or cause said surplus earth or material to be placed and distributed at location(s) and in such manner Licensor may approve.

5.2 After construction or maintenance of the Facilities, Licensee shall:

- (A) Restore any track(s), roadbed and other disturbed property; and
- (B) Erect, maintain and periodically verify the accuracy of aboveground markers, in a form approved by Licensor, indicating the location, depth and ownership of any underground Facilities or related facilities.

5.3 Licensee shall be solely responsible for any subsidence or failure of lateral or subjacent support in the Encroachment area for a period of three (3) years after completion of installation.

6. TRACK CHANGES:

6.1 In the event that rail operations and/or track maintenance result in changes in grade or alignment of, additions to, or relocation of track(s) or other facilities, or in the event future use of Licensor's rail corridor or property necessitate any change of location, height or depth in the Facilities or Encroachment, Licensee, at its sole cost and expense and within thirty (30) days after notice in writing from Licensor, shall make changes in the Facilities or Encroachment to accommodate such track(s) or operations.

6.2 If Licensee fails to do so, Licensor may make or contract to make such changes at Licensee's cost.

7. FACILITY CHANGES:

7.1 Licensee shall periodically monitor and verify the depth or height of the Facilities or Encroachment in relation to the existing tracks and facilities, and shall relocate the Facilities or change the Encroachment, at Licensee's expense, should such relocation or change be necessary to comply with the minimum clearance requirements of Licensor.

7.2 If Licensee undertakes to revise, renew, relocate or change in any manner whatsoever all or any part of the Facilities (including any change in voltage or gauge of wire or any change in circumference, diameter or radius of pipe or change in materials transmitted in and through said pipe), or is required by any public agency or court order to do so, plans therefor shall be submitted to Licensor for approval before such change. After approval, the terms and conditions of this Agreement shall apply thereto.

8. INTERFERENCE WITH RAIL FACILITIES:

8.1 Although the Facilities/Encroachment herein permitted may not presently interfere with Licensor's railroad or facilities, in the event that the operation, existence or maintenance of said Facilities, in the sole judgment of Licensor, causes: (a) interference (including, but not limited to, physical or interference from an electromagnetic induction, or interference from stray or other currents) with Licensor's power lines, communication, signal or other wires, train control system, or electrical or electronic apparatus; or (b) interference in any manner, with the operation, maintenance or use of the rail corridor, track(s), structures, pole line(s), devices, other property, or any appurtenances thereto; then and in either event, Licensee, upon receipt of written notice from Licensor of any such interference, and at Licensee's sole risk, cost and expense, shall promptly make such changes in its Facilities or installation, as may be required in the reasonable judgment of the Licensor to eliminate all such interference. Upon Licensee's failure to remedy or change, Licensor may do so or contract to do so at Licensee's sole cost.

8.2 Without assuming any duty hereunder to inspect the Facilities, Licensor hereby reserves the right to inspect same and to require Licensee to undertake repairs, maintenance or adjustments to the Facilities, which Licensee hereby agrees to make promptly, at Licensee's sole cost and expense.

9. RISK, LIABILITY, INDEMNITY:

With respect to the relative risk and liabilities of the parties, it is hereby agreed that:

9.1 Licensee hereby agrees to, defend, indemnify, and hold Licensor harmless from and against any and all liability, loss, claim, suit, damage, charge or expense which Licensor may suffer, sustain, incur or in any way be subjected to, on account of death of or injury to any person whomsoever (including officers, agents, employees or invitees of Licensor), and for damage to or loss of or destruction of any property whatsoever, arising out of, resulting from, or in any way connected with the construction, repair, maintenance, replacement, presence, existence, operations, use or removal of the Facilities or any structure in connection therewith, or restoration of premises of Licensor to good order or condition after removal, EXCEPT when proven to have been caused solely by the willful misconduct or gross negligence of Licensor. HOWEVER, during any period of actual construction, repair, maintenance, replacement or removal of the Facilities, wherein agents, equipment or personnel of Licensee are on the railroad rail corridor, Licensee's liability hereunder shall be absolute, irrespective of any joint, sole or contributory fault or negligence of Licensor.

9.2 Use of Licensor's rail corridor involves certain risks of loss or damage as a result of the rail operations. Notwithstanding Section 9.1, Licensee expressly assumes all risk of loss and damage to Licensee's Property or the Facilities in, on, over or under the Encroachment, including loss of or any interference with use or service thereof, regardless of cause, including electrical field creation, fire or derailment resulting from rail operations. For this Section, the term "Licensee's Property" shall include property of third parties situated or placed upon Licensor's rail corridor by Licensee or by such third parties at request of or for benefit of Licensee.

9.3 Licensee assumes all responsibility for, and agrees to defend, indemnify and hold Licensor harmless from: (a) all claims, costs and expenses, including reasonable attorneys' fees, as a consequence of any sudden or nonsudden pollution of air, water, land and/or ground water on or off the Encroachment area, arising from or in connection with the use of this Encroachment or resulting from leaking, bursting, spilling, or any escape of the material transmitted in or through the Facilities; (b) any claim or liability arising under federal or state law dealing with either such sudden or nonsudden pollution of air, water, land and/or ground water arising therefrom or the remedy thereof; and (c) any subsidence or failure of lateral or subjacent support of the tracks arising from such Facilities leakage.

9.4 Notwithstanding Section 9.1, Licensee also expressly assumes all risk of loss which in any way may result from Licensee's failure to maintain either required clearances for any overhead Facilities or the required depth and encasement for any underground Facilities, whether or not such loss(es) result(s) in whole or part from Licensor's contributory negligence or joint fault.

9.5 Obligations of Licensee hereunder to release, indemnify and hold Licensor harmless shall also extend to companies and other legal entities that control, are controlled by,

subsidiaries of, or are affiliated with Licensor, as well as any railroad that operates over the rail corridor on which the Encroachment is located, and the officers, employees and agents of each.

9.6 If a claim is made or action is brought against Licensor, and/or its operating lessee, for which Licensee may be responsible hereunder, in whole or in part, Licensee shall be notified to assume the handling or defense of such claim or action; but Licensor may participate in such handling or defense.

10. INSURANCE:

10.1 Prior to commencement of surveys, installation or occupation of premises pursuant to this Agreement, Licensee shall procure and shall maintain during the continuance of this Agreement, at its sole cost and expense, a policy of

(i) Statutory Worker's Compensation and Employers Liability Insurance with available limits of not less than ONE MILLION AND 00/100 U.S. DOLLARS (\$1,000,000.00), which must contain a waiver of subrogation against CSXT and its Affiliates;

(ii) Commercial General Liability coverage (inclusive of contractual liability) with available limits of not less than FIVE MILLION AND 00/100 U.S. DOLLARS (\$5,000,000.00), naming Licensor, and/or its designee, as additional insured and in combined single limits for bodily injury and property damage and covering the contractual liabilities assumed under this Agreement. The evidence of insurance coverage shall be endorsed to provide for thirty (30) days' notice to Licensor, or its designee, prior to cancellation or modification of any policy. Mail CGL certificate, along with agreement, to CSX Transportation, Inc., Speed Code J180, 500 Water Street, Jacksonville, FL 32202. On each successive year, send certificate to RenewalCOI@csx.com.

(iii) Business automobile liability insurance with available limits of not less than ONE MILLION AND 00/100 U.S. DOLLARS (\$1,000,000.00) combined single limit for bodily injury and/or property damage per occurrence;

(iv) Such other insurance as Licensor may reasonably require.

10.2 If Licensee's existing CGL policy(ies) do(es) not automatically cover Licensee's contractual liability during periods of survey, installation, maintenance and continued occupation, a specific endorsement adding such coverage shall be purchased by Licensee. If said CGL policy is written on a "claims made" basis instead of a "per occurrence" basis, Licensee shall arrange for adequate time for reporting losses. Failure to do so shall be at Licensee's sole risk.

10.3 Licensor, or its designee, may at any time request evidence of insurance purchased by Licensee to comply with this Agreement. Failure of Licensee to comply with Licensor's request shall be considered a default by Licensee.

10.4 Securing such insurance shall not limit Licensee's liability under this Agreement, but shall be security therefor.

10.5 (A) In the event Licensee finds it necessary to perform construction or demolition operations within fifty feet (50') of any operated railroad track(s) or affecting any railroad bridge, trestle, tunnel, track(s), roadbed, overpass or underpass, Licensee shall: (a) notify Licensor; and (b) require its contractor(s) performing such operations to procure and maintain during the period of construction or demolition operations, at no cost to Licensor, Railroad Protective Liability (RPL) Insurance, naming Licensor, and/or its designee, as Named Insured, written on the current ISO/RIMA Form (ISO Form No. CG 00 35 01 96) with limits of FIVE MILLION AND 00/100 U.S. DOLLARS (\$5,000,000.00) per occurrence for bodily injury and property damage, with at least TEN MILLION AND 00/100 U.S. DOLLARS (\$10,000,000.00) aggregate limit per annual policy period, with Pollution Exclusion Amendment (ISO CG 28 31 11 85) if an older ISO Form CG 00 35 is used. The original of such RPL policy shall be sent to and approved by Licensor prior to commencement of such construction or demolition. Licensor reserves the right to demand higher limits.

(B) At Licensor's option, in lieu of purchasing RPL insurance from an insurance company (but not CGL insurance), Licensee may pay Licensor, at Licensor's current rate at time of request, the cost of adding this Encroachment, or additional construction and/or demolition activities, to Licensor's Railroad Protective Liability (RPL) Policy for the period of actual construction. This coverage is offered at Licensor's discretion and may not be available under all circumstances.

11. GRADE CROSSINGS; FLAGGING:

11.1 Nothing herein contained shall be construed to permit Licensee or Licensee's contractor to move any vehicles or equipment over the track(s), except at public road crossing(s), without separate prior written approval of Licensor.

11.2 If Licensor deems it advisable, during any construction, maintenance, repair, renewal, alteration, change or removal of said Facilities, to place watchmen, flagmen, inspectors or supervisors for protection of operations of Licensor or others on Licensor's rail corridor at the Encroachment, and to keep persons, equipment or materials away from the track(s), Licensor shall have the right to do so at the expense of Licensee, but Licensor shall not be liable for failure to do so.

12. LICENSOR'S COSTS:

12.1 Any additional or alternative costs or expenses incurred by Licensor to accommodate Licensee's continued use of Licensor's property as a result of track changes or wire changes shall also be paid by Licensee.

12.2 Licensor's expense for wages ("force account" charges) and materials for any work performed at the expense of Licensee pursuant hereto shall be paid by Licensee within

thirty (30) days after receipt of Licensor's bill therefor. Licensor may, at its discretion, request an advance deposit for estimated Licensor costs and expenses.

12.3 Such expense shall include, but not be limited to, cost of railroad labor and supervision under "force account" rules, plus current applicable overhead percentages, the actual cost of materials, and insurance, freight and handling charges on all material used. Equipment rentals shall be in accordance with Licensor's applicable fixed rate. Licensor may, at its discretion, require advance deposits for estimated costs of such expenses and costs.

13. DEFAULT, BREACH, WAIVER:

13.1 The proper and complete performance of each covenant of this Agreement shall be deemed of the essence thereof, and in the event Licensee fails or refuses to fully and completely perform any of said covenants or remedy any breach within thirty (30) days after receiving written notice from Licensor to do so (or within forty-eight (48) hours in the event of notice of a railroad emergency), Licensor shall have the option of immediately revoking this Agreement and the privileges and powers hereby conferred, regardless of encroachment fee(s) having been paid in advance for any annual or other period. Upon such revocation, Licensee shall make removal in accordance with Article 14.

13.2 No waiver by Licensor of its rights as to any breach of covenant or condition herein contained shall be construed as a permanent waiver of such covenant or condition, or any subsequent breach thereof, unless such covenant or condition is permanently waived in writing by Licensor.

13.3 Neither the failure of Licensor to object to any work done, material used, or method of construction or maintenance of said Encroachment, nor any approval given or supervision exercised by Licensor, shall be construed as an admission of liability or responsibility by Licensor, or as a waiver by Licensor of any of the obligations, liability and/or responsibility of Licensee under this Agreement.

14. TERMINATION, REMOVAL:

14.1 All rights which Licensee may have hereunder shall cease upon the date of (a) termination, (b) revocation, or (c) subsequent agreement, or (d) Licensee's removal of the Facility from the Encroachment. However, neither termination nor revocation of this Agreement shall affect any claims and liabilities which have arisen or accrued hereunder, and which at the time of termination or revocation have not been satisfied; neither party, however, waiving any third party defenses or actions.

14.2 Within thirty (30) days after revocation or termination, Licensee, at its sole risk and expense, shall (a) remove the Facilities from the rail corridor of Licensor, unless the parties hereto agree otherwise, (b) restore the rail corridor of Licensor in a manner satisfactory to Licensor, and (c) reimburse Licensor any loss, cost or expense of Licensor resulting from such removal.

15. NOTICE:

15.1 Licensee shall give Licensor at least thirty (30) days written notice before doing any work on Licensor's rail corridor, except that in cases of emergency shorter notice may be given. Licensee shall provide proper notification as follows:

a. For non-emergencies, Licensee shall submit online via the CSX Property Portal from Licensor's web site, via web link:
https://propertyportal.csx.com/pub_ps_res/ps_res/jsf/public/index.faces

b. For emergencies, Licensee shall complete all of the steps outlined in Section 15.1 a. above, and shall also include detailed information of the emergency. Licensee shall also call and report details of the emergency to Licensor's Rail Operations Emergency Telephone Number: 1-800-232-0144. In the event Licensor needs to contact Licensee concerning an emergency involving Licensee's Facility(ies), the emergency phone number for Licensee is: 678-673-1063.

15.2 All other notices and communications concerning this Agreement shall be addressed to Licensee at the address above, and to Licensor at the address shown on Page 1, c/o CSXT Contract Management, J180; or at such other address as either party may designate in writing to the other.

15.3 Unless otherwise expressly stated herein, all such notices shall be in writing and sent via Certified or Registered Mail, Return Receipt Requested, or by courier, and shall be considered delivered upon: (a) actual receipt, or (b) date of refusal of such delivery.

16. ASSIGNMENT:

16.1 The rights herein conferred are the privileges of Licensee only, and Licensee shall obtain Licensor's prior written consent to any assignment of Licensee's interest herein; said consent shall not be unreasonably withheld.

16.2 Subject to Sections 2 and 16.1, this Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors or assigns.

16.3 Licensee shall give Licensor written notice of any legal succession (by merger, consolidation, reorganization, etc.) or other change of legal existence or status of Licensee, with a copy of all documents attesting to such change or legal succession, within thirty (30) days thereof.

16.4 Licensor expressly reserves the right to assign this Agreement, in whole or in part, to any grantee, lessee, or vendee of Licensor's underlying property interests in the Encroachment, upon written notice thereof to Licensee.

16.5 In the event of any unauthorized sale, transfer, assignment, sublicense or encumbrance of this Agreement, or any of the rights and privileges hereunder, Licensor, at its

option, may revoke this Agreement by giving Licensee or any such assignee written notice of such revocation; and Licensee shall reimburse Licensor for any loss, cost or expense Licensor may incur as a result of Licensee's failure to obtain said consent.

17. TITLE:

17.1 Licensee understands that Licensor occupies, uses and possesses lands, rights-of-way and rail corridors under all forms and qualities of ownership rights or facts, from full fee simple absolute to bare occupation. Accordingly, nothing in this Agreement shall act as or be deemed to act as any warranty, guaranty or representation of the quality of Licensor's title for any particular Encroachment or segment of Rail Corridor occupied, used or enjoyed in any manner by Licensee under any rights created in this Agreement. It is expressly understood that Licensor does not warrant title to any Rail Corridor and Licensee will accept the grants and privileges contained herein, subject to all lawful outstanding existing liens, mortgages and superior rights in and to the Rail Corridor, and all leases, licenses and easements or other interests previously granted to others therein.

17.2 The term "license," as used herein, shall mean with regard to any portion of the Rail Corridor which is owned by Licensor in fee simple absolute, or where the applicable law of the State where the Encroachment is located otherwise permits Licensor to make such grants to Licensee, a "permission to use" the Rail Corridor, with dominion and control over such portion of the Rail Corridor remaining with Licensor, and no interest in or exclusive right to possess being otherwise granted to Licensee. With regard to any other portion of Rail Corridor occupied, used or controlled by Licensor under any other facts or rights, Licensor merely waives its exclusive right to occupy the Rail Corridor and grants no other rights whatsoever under this Agreement, such waiver continuing only so long as Licensor continues its own occupation, use or control. Licensor does not warrant or guarantee that the license granted hereunder provides Licensee with all of the rights necessary to occupy any portion of the Rail Corridor. Licensee further acknowledges that it does not have the right to occupy any portion of the Rail Corridor held by Licensor in less than fee simple absolute without also receiving the consent of the owner(s) of the fee simple absolute estate. Further, Licensee shall not obtain, exercise or claim any interest in the Rail Corridor that would impair Licensor's existing rights therein.

17.3 Licensee agrees it shall not have nor shall it make, and hereby completely and absolutely waives its right to, any claim against Licensor for damages on account of any deficiencies in title to the Rail Corridor in the event of failure or insufficiency of Licensor's title to any portion thereof arising from Licensee's use or occupancy thereof.

17.4 Licensee agrees to fully and completely indemnify and defend all claims or litigation for slander of title, overburden of easement, or similar claims arising out of or based upon the Facilities placement, or the presence of the Facilities in, on or along any Encroachment(s), including claims for punitive or special damages.

17.5 Licensee shall not at any time own or claim any right, title or interest in or to Licensor's property occupied by the Encroachments, nor shall the exercise of this Agreement for

any length of time give rise to any right, title or interest in Licensee to said property other than the license herein created.

17.6 Nothing in this Agreement shall be deemed to give, and Licensor hereby expressly waives, any claim of ownership in and to any part of the Facilities.

17.7 Licensee shall not create or permit any mortgage, pledge, security, interest, lien or encumbrances, including without limitation, tax liens and liens or encumbrances with respect to work performed or equipment furnished in connection with the construction, installation, repair, maintenance or operation of the Facilities in or on any portion of the Encroachment (collectively, "Liens or Encumbrances"), to be established or remain against the Encroachment or any portion thereof or any other Licensor property.

17.8 In the event that any property of Licensor becomes subject to such Liens or Encumbrances, Licensee agrees to pay, discharge or remove the same promptly upon Licensee's receipt of notice that such Liens or Encumbrances have been filed or docketed against the Encroachment or any other property of Licensor; however, Licensee reserves the right to challenge, at its sole expense, the validity and/or enforceability of any such Liens or Encumbrances.

18. GENERAL PROVISIONS:

18.1 This Agreement, and the attached specifications, contains the entire understanding between the parties hereto.

18.2 Neither this Agreement, any provision hereof, nor any agreement or provision included herein by reference, shall operate or be construed as being for the benefit of any third person.

18.3 Except as otherwise provided herein, or in any Rider attached hereto, neither the form of this Agreement, nor any language herein, shall be interpreted or construed in favor of or against either party hereto as the sole drafter thereof.

18.4 This Agreement is executed under current interpretation of applicable Federal, State, County, Municipal or other local statute, ordinance or law(s). However, each separate division (paragraph, clause, item, term, condition, covenant or agreement) herein shall have independent and severable status for the determination of legality, so that if any separate division is determined to be void or unenforceable for any reason, such determination shall have no effect upon the validity or enforceability of each other separate division, or any combination thereof.

18.5 This Agreement shall be construed and governed by the laws of the state in which the Facilities and Encroachment are located.

18.6 If any amount due pursuant to the terms of this Agreement is not paid by the due date, it will be subject to Licensor's standard late charge and will also accrue interest at

eighteen percent (18%) per annum, unless limited by local law, and then at the highest rate so permitted.

18.7 Licensee agrees to reimburse Licensor for all reasonable costs (including attorney's fees) incurred by Licensor for collecting any amount due under the Agreement.


18.8 The provisions of this License are considered confidential and may not be disclosed to a third party without the consent of the other party(s), except: (a) as required by statute, regulation or court order, (b) to a parent, affiliate or subsidiary company, (c) to an auditing firm or legal counsel that are agreeable to the confidentiality provisions, or (d) to Lessees of Licensor's land and/or track who are affected by the terms and conditions of this Agreement and will maintain the confidentiality of this Agreement.

18.9 Within thirty (30) days of an overpayment in a cumulative total amount of One Hundred Dollars (\$100.00) or more by Licensee to Licensor, Licensee shall notify Licensor in writing with documentation evidencing such overpayment. Licensor shall refund the actual amount of Licensee's overpayment within 120 days of Licensor's verification of such overpayment.


[Signatures on the following page]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement in duplicate (each of which shall constitute an original) as of the effective date of this Agreement.

Witness for Licensor:



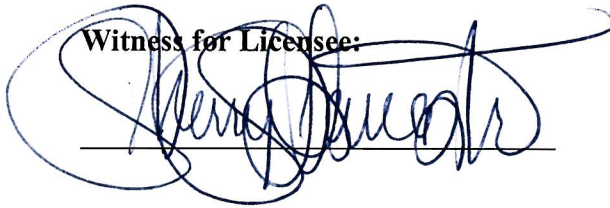
**CSX TRANSPORTATION, INC. as Lessee
of Properties of WESTERN & ATLANTIC
RAILROAD**

By:  _____

Print/Type Name: Dona Jadwin
Sr. Manager Real Estate Services

Print/Type Title: _____

Witness for Licensee:



LENNAR GEORGIA, INC.

By:  _____

Who, by the execution hereof, affirms that he/she has the authority to do so and to bind the Licensee to the terms and conditions of this Agreement.

Print/Type Name: Jim Bowesox

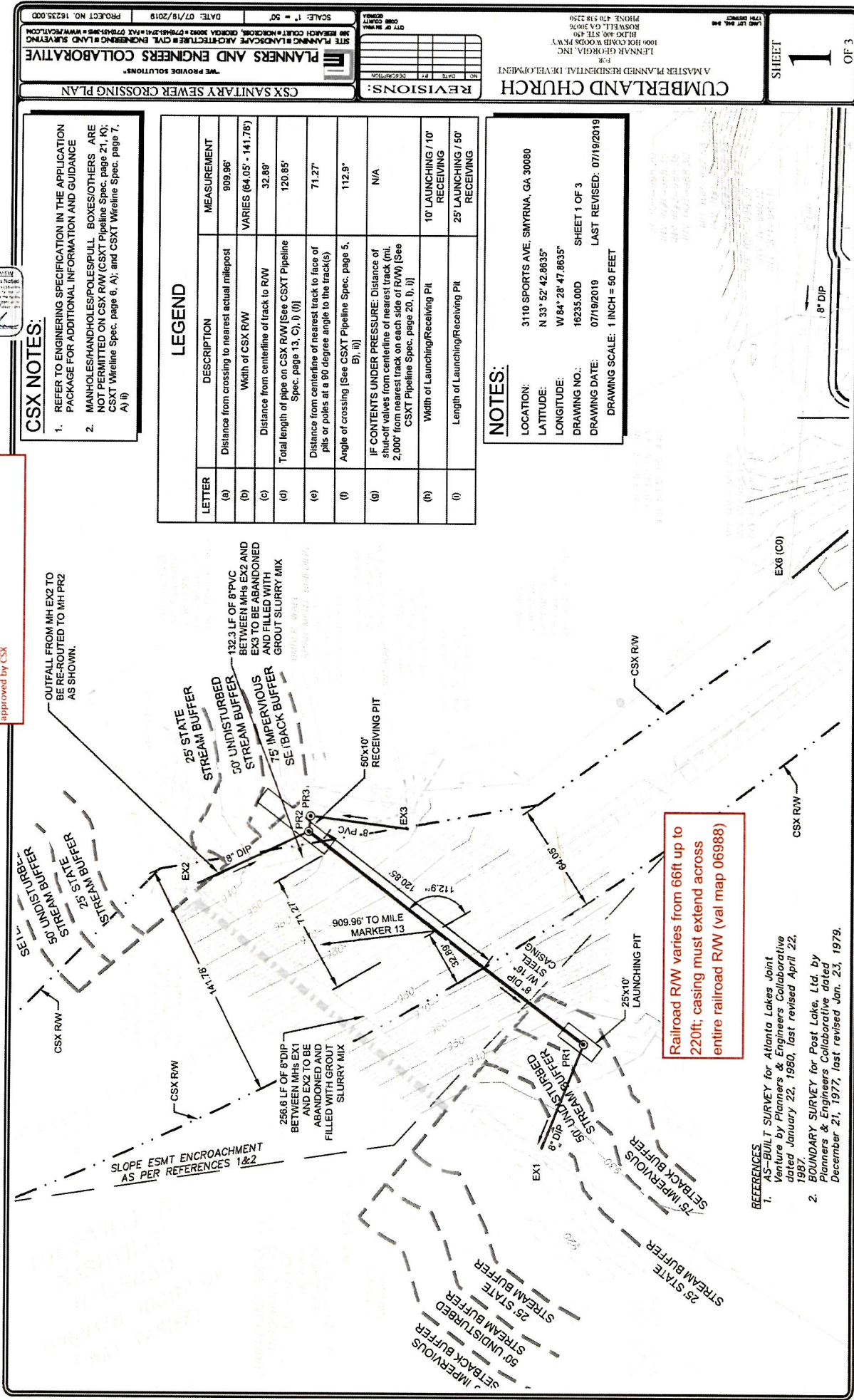
Print/Type Title: Vice President

Tax ID No.: 20-889-2316

CSX Transportation (CSX) General Notes (Bore and Jack):

- 1) CSX owns its right-of-way for the primary purpose of operating a railroad, and shall maintain unrestricted use of its property for current and future operations. In the event that relocation of facilities becomes necessary to accommodate the movement of rail traffic, Licensee, at its sole risk and expense, shall be required to relocate and/or remove facilities from the rail corridor of Licensor within a time frame mutually agreed.
- 2) CSX's consent applies to the design and construction of the utility located solely in the right-of-way owned by CSX and assures that CSX and AREMA Standard Specifications are met for tracks owned by others over which CSX operates. It is the utility Owner's (Applicant) responsibility to get permission from the property owner that is other than CSX to access and construct on their property.
- 3) Refer to the CSX's "Design & Construction Standard Specifications Pipeline Occupancies" revised June 5, 2018 (4.1.2 Bore and Jack (Steel Pipe) and "Design & Construction Standard Specifications Wireline Occupancies" revised December 16, 2016.
- 4) CSX's signal facilities and/or warning devices at proposed facility crossing, i.e. cantilevers, flashers, and gates are to be located prior to installation.
- 5) No entry or construction on CSX's railroad corridor is permitted until the utility encroachment review and approval process is completed, you are in receipt of a fully executed License agreement and you have obtained authority from the local Road Master.
- 6) Front of the pipe shall be provided with mechanical arrangements or devices that will positively prevent the auger from leading the pipe so that no unsupported excavation is ahead of the pipe.
- 7) Operation shall be progressed on a 24-hour basis without stoppage (except for adding lengths of pipe) until the leading edge of the pipe has reached the receiving pit.
- 8) In the event an obstruction is encountered, auger and cutting head arrangement shall be removable from within the pipe.
- 9) If bottom of the pit excavation(s) intersect the TREL, interlocking steel sheet piling, driven prior to excavation, must be used. Design plans and computations, sealed by a Licensed Professional Engineer, for steel sheet piles must be provided prior to construction for review and approval.
- 10) At locations where open cut is permitted on CSX's right-of-way and/or railroad corridor, contractor must comply with CSX's D&C Standard Specifications section 4.1.7 Open Cut. Please reference this guidance for instructions on restoring site.
- 11) Soil that cannot be used or disposed on CSX's right-of-way must be properly disposed at a CSX approved disposal facility.
- 12) Manholes shall not be located on CSX's property where possible. At locations where this is not practical, including longitudinal occupancies, manholes shall be precast concrete sections conforming to ASTM Designation C 478, "Specification for Precast Concrete."
- 13) Pipeline encroachment shall be prominently marked at both sides of the CSX's property lines by durable, weatherproof signs located over the centerline of the pipe in accordance with CSX's D&C Standard Specifications.
- 14) If required, a dewatering plan in accordance with CSX's D&C Standard Specifications will be submitted to the CSX representative for review and approval prior to any dewatering operations.
- 15) Blasting is not permitted on CSX's property.
- 16) Abandoned pipelines shall be removed or completely filled with cement grout, compacted sand, or other methods, as approved by CSX. Abandoned manholes and other structures shall be removed to a minimum depth of 2 feet below finished grade and completely filled with cement grout, compacted sand, or other methods as approved by CSX.
- 17) CSX does not grant or convey an easement for this installation.

Abandoned pipelines shall be removed or completely filled with cement grout, compacted sand, or other methods, as approved by CSX



CSX NOTES:

- REFER TO ENGINEERING SPECIFICATION IN THE APPLICATION PACKAGE FOR ADDITIONAL INFORMATION AND GUIDANCE
- MANHOLES/HANDHOLES/POLESPULL BOXES/OTHERS ARE NOT PERMITTED ON CSX R/W (CSXT Pipeline Spec, page 21, 10); CSXT Wireline Spec, page 6, A), and CSXT Wireline Spec, page 7, A) i)

LEGEND

LETTER	DESCRIPTION	MEASUREMENT
(a)	Distance from crossing to nearest actual milepost	909.96'
(b)	Width of CSX R/W	VARIES (64.05' - 141.76')
(c)	Distance from centerline of track to R/W	32.89'
(d)	Total length of pipe on CSX R/W (See CSXT Pipeline Spec, page 13, C), i) (f))	120.85'
(e)	Distance from centerline of nearest track to face of pits or poles at a 90 degree angle to the track(s)	71.27'
(f)	Angle of crossing (See CSXT Pipeline Spec, page 5, B), ii))	112.9°
(g)	IF CONTENTS UNDER PRESSURE: Distance of shut-off valves from centerline of nearest track (mi, 2,000' from nearest track on each side of R/W) (See CSXT Pipeline Spec, page 20, f), ii))	N/A
(h)	Width of Launching/Receiving Pit	10' LAUNCHING / 10' RECEIVING
(i)	Length of Launching/Receiving Pit	25' LAUNCHING / 50' RECEIVING

NOTES:

LOCATION: 3110 SPORTS AVE, SMYRNA, GA 30080
 LATITUDE: N 33° 52' 42.8635"
 LONGITUDE: W 84° 28' 47.8635"
 DRAWING NO.: 16235.000 SHEET 1 OF 3
 DRAWING DATE: 07/19/2019 LAST REVISED: 07/19/2019
 DRAWING SCALE: 1 INCH = 50 FEET

Railroad R/W varies from 66ft up to 220ft; casing must extend across entire railroad R/W (val map 06988)

- REFERENCES:**
- AS-BUILT SURVEY for Atlanta Lakes Joint Venture by Planners & Engineers Collaborative dated January 22, 1980, last revised April 22, 1987.
 - BOUNDARY SURVEY for Post Lake, Ltd. by Planners & Engineers Collaborative dated December 21, 1977, last revised Jan. 23, 1979.

PLANNERS AND ENGINEERS COLLABORATIVE
 WE PROVIDE SOLUTIONSSM

1600 HUNTERWOODS DRIVE, SUITE 100
 LENEXA, KANSAS 66042
 PHONE: 416.491.2250

DATE: 07/19/2019
 PROJECT NO: 16235.000

SCALE: 1" = 50'

CITY OF SMYRNA
 CIVIL ENGINEER
 DATE: 07/19/2019

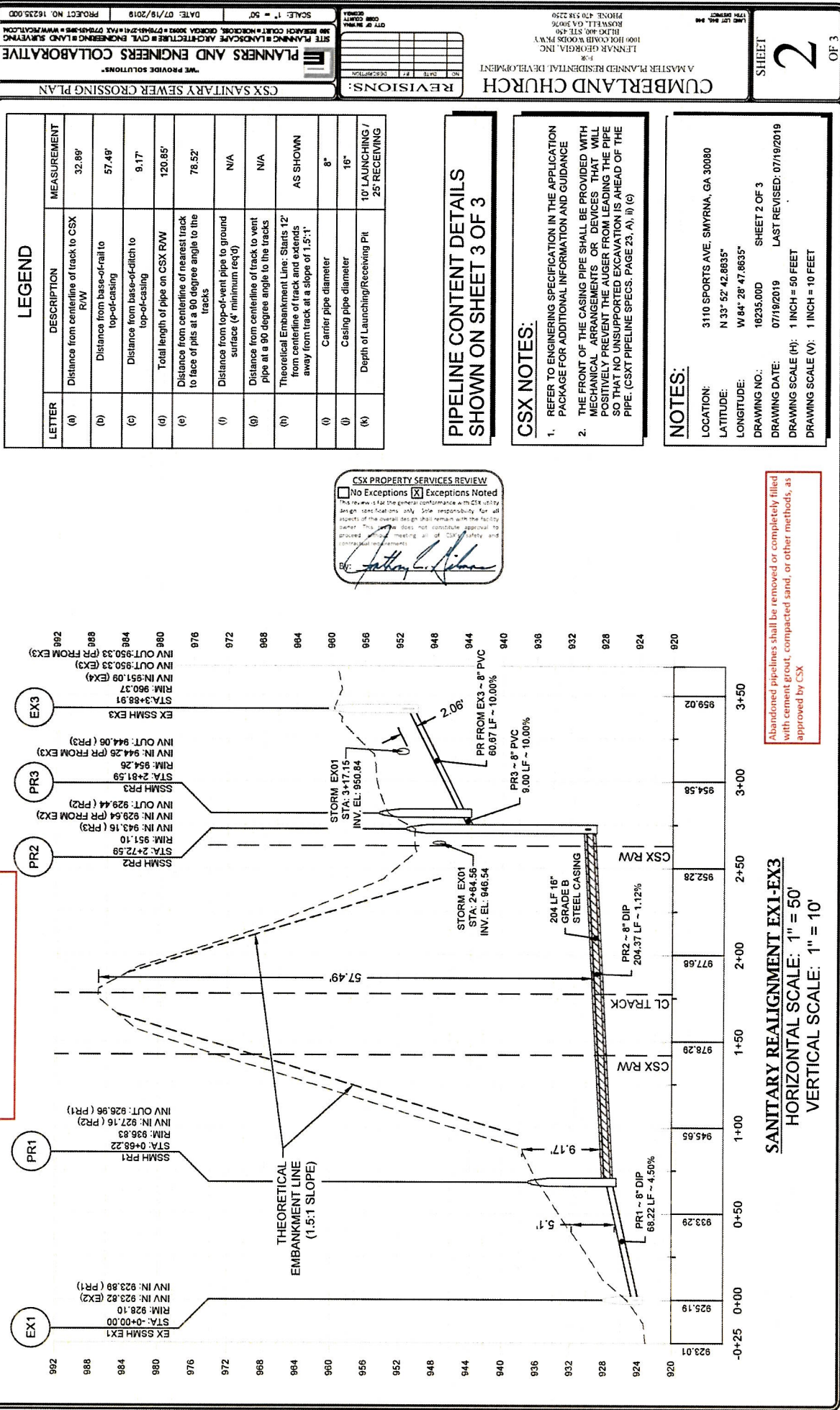
REVISIONS:

NO.	DATE	DESCRIPTION

CUMBERLAND CHURCH
 A MASTER PLANNED RESIDENTIAL DEVELOPMENT

SHEET 1 OF 3

Railroad RW varies from 66ft up to 220ft; casing must extend across entire railroad RW (val map 06998)



Abandoned pipelines shall be removed or completely filled with cement grout, compacted sand, or other methods, as approved by CSX

CSX PROPERTY SERVICES REVIEW
 No Exceptions Exceptions Noted
 This review is for the general conformance with CSX utility design specifications only. Site responsibility for all aspects of the overall design shall remain with the utility owner. This review does not constitute approval or approval of any other CSX safety and contractual requirements.
 BY: *Anthony L. Adams*

LETTER	DESCRIPTION	MEASUREMENT
(a)	Distance from centerline of track to CSX RW	32.89'
(b)	Distance from base-of-trail to top-of-casing	57.49'
(c)	Distance from base-of-ditch to top-of-casing	9.17'
(d)	Total length of pipe on CSX RW	120.85'
(e)	Distance from centerline of nearest track to face of pits at a 90 degree angle to the tracks	78.52'
(f)	Distance from top-of-vent pipe to ground surface (± minimum req'd)	N/A
(g)	Distance from centerline of track to vent pipe at a 90 degree angle to the tracks	N/A
(h)	Theoretical Embankment Line: Starts 12' from centerline of track and extends away from track at a slope of 1.5:1	AS SHOWN
(i)	Center pipe diameter	8"
(j)	Casing pipe diameter	16"
(k)	Depth of Launching/Receiving Pit	10' LAUNCHING / 25' RECEIVING

PIPELINE CONTENT DETAILS SHOWN ON SHEET 3 OF 3

- CSX NOTES:**
1. REFER TO ENGINEERING SPECIFICATION IN THE APPLICATION PACKAGE FOR ADDITIONAL INFORMATION AND GUIDANCE
 2. THE FRONT OF THE CASING PIPE SHALL BE PROVIDED WITH MECHANICAL ARRANGEMENTS OR DEVICES THAT WILL POSITIVELY PREVENT THE AUGER FROM LEADING THE PIPE SO THAT NO UNSUPPORTED EXCAVATION IS AHEAD OF THE PIPE. (CSX PIPELINE SPECS. PAGE 23, A), ii) (c)

NOTES:

LOCATION: 3110 SPORTS AVE, SMYRNA, GA 30080
 LATITUDE: N 33° 52' 42.8635"
 LONGITUDE: W 84° 28' 47.8635"
 DRAWING NO.: 16235.000 SHEET 2 OF 3
 DRAWING DATE: 07/19/2019 LAST REVISED: 07/19/2019
 DRAWING SCALE (H): 1 INCH = 50 FEET
 DRAWING SCALE (V): 1 INCH = 10 FEET

CSX SANITARY SEWER CROSSING PLAN

PLANNERS AND ENGINEERS COLLABORATIVE
 WE PROVIDE SOLUTIONSSM

SITE PLANNING & LANDSCAPE ARCHITECTURE & CIVIL ENGINEERING & LAND SURVEYING
 585 BEECH CREEK RD #1000, ATLANTA, GA 30328
 PHONE: 478.270.1234 FAX: 478.270.1235 WWW.PEACOLLAB.COM

CUMBERLAND CHURCH
 A MASTER PLANNED RESIDENTIAL DEVELOPMENT

LENNAR GEORGIA, INC.
 1000 HUNTERWOODS PARKWAY
 ATLANTA, GA 30338
 PHONE: 478.270.1234

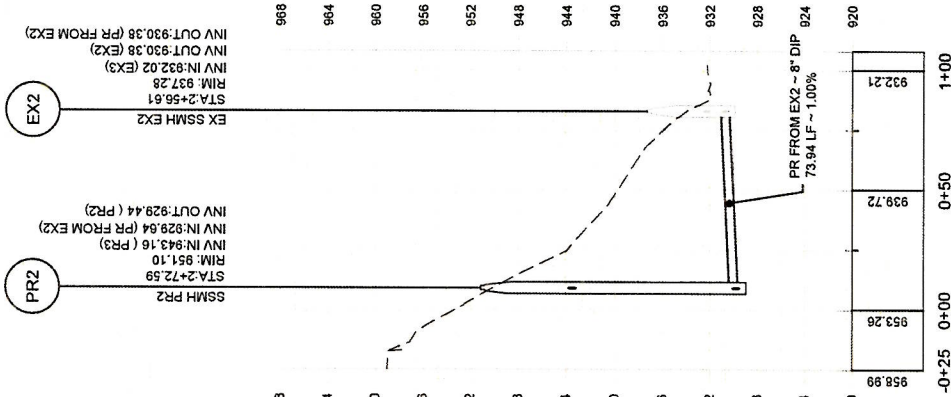
SCALE: 1" = 50'
 DATE: 07/19/2019
 PROJECT NO: 16235.000

REVISIONS:

NO.	DATE	DESCRIPTION

DWG NO: 16235.000
 SHEET 2 OF 3
 OF 3

Abandoned pipelines shall be removed or completely filled with cement grout, compacted sand, or other methods, as approved by CSX



SANITARY REALIGNMENT PR2-EX2
 HORIZONTAL SCALE: 1" = 50'
 VERTICAL SCALE: 1" = 10'

CSX PROPERTY SERVICES REVIEW
 No Exceptions Exceptions Noted
 This review is for the general conformance with CSX utility design specifications only. Site responsibility for all details of the overall design shall remain with the facility owner. This review does not constitute approval or proceed without meeting all of CSX safety and contractual requirements.
 By: *Anthony L. Gilman*

PIPELINE CONTENT DETAILS	
COMMODITY DESCRIPTION	SANITARY SEWER
MAXIMUM OPERATING PRESSURE	N/A
IS COMMODITY FLAMMABLE?	YES

CARRIER/CASING PIPE DETAILS			
CARRIER PIPE	8" DIP	CASING PIPE	16" STEEL
MATERIAL SPECIFICATIONS & GRADE	THICKNESS CLASS 90	SPECIFICATION	ASTM A139, GRADE B
SPECIFIED MINIMUM YIELD STRENGTH	42,000 PSI		35,000 PSI
NOMINAL SIZE OUTSIDE DIAMETER	8.05"		16"
WALL THICKNESS (INCHES)	0.25"		0.219"
TYPE OF SEAM	BOOT		WELD
TYPE OF JOINTS (Y/N)	PUSH-ON		WELD
TUNNEL LINER PLATES REQUIRED? (Y/N)	NO		NO
CATHODIC PROTECTION? (Y/N)	YES		YES
PROTECTIVE COATING? (Y/N)	YES		YES
TEMP. TRACK SUPPORT OR RIP-RAP REQUIREMENT? (Y/N)	NO		NO

Minimum allowable casing pipe wall thickness 0.281in

CSX NOTES:
 REFER TO ENGINEERING SPECIFICATION IN THE APPLICATION PACKAGE FOR ADDITIONAL INFORMATION AND GUIDANCE
 1. THE FRONT OF THE CASING PIPE SHALL BE PROVIDED WITH MECHANICAL ARRANGEMENTS OR DEVICES THAT WILL POSITIVELY PREVENT THE AUGER FROM LEADING THE PIPE SO THAT NO UNSUPPORTED EXCAVATION IS AHEAD OF THE PIPE. (CSX PIPELINE SPECS. PAGE 23, A) ii) (c)

NOTES:
 LOCATION: 3110 SPORTS AVE, SMYRNA, GA 30080
 LATITUDE: N 33° 52' 42.8635"
 LONGITUDE: W 84° 28' 47.8635"
 DRAWING NO.: 18235.00D SHEET 3 OF 3
 DRAWING DATE: 07/19/2019 LAST REVISED: 07/19/2019
 DRAWING SCALE (H): 1 INCH = 50 FEET
 DRAWING SCALE (V): 1 INCH = 10 FEET

LEGEND

LETTER	DESCRIPTION	MEASUREMENT
(a)	Distance from centerline of track to CSX ROW	32.89'
(b)	Distance from base-of-trail to top-of-casing	57.49'
(c)	Distance from base-of-ditch to top-of-casing	9.17'
(d)	Total length of pipe on CSX ROW	120.85'
(e)	Distance from centerline of nearest track to face of pits at a 90 degree angle to the tracks	78.52'
(f)	Distance from top-of-vent pipe to ground surface (if minimum req'd)	N/A
(g)	Distance from centerline of track to vent pipe at a 90 degree angle to the tracks	N/A
(h)	Theoretical Embankment Line: Starts 12' from centerline of track and extends away from track at a slope of 1.5:1	AS SHOWN
(i)	Carrier pipe diameter	8"
(j)	Casing pipe diameter	16"
(k)	Depth of Launching/Receiving Pit	10' LAUNCHING / 25' RECEIVING

PLANNERS AND ENGINEERS COLLABORATIVE
 WE PROVIDE SOLUTIONS™
 3180 BENTLEY COURT, SUITE 200, ATLANTA, GA 30329
 PHONE: 478.270.2200
 FAX: 478.270.2201
 WWW.PLANCOLL.COM

REVISIONS:

NO.	DATE	DESCRIPTION

SCALE: 1" = 50'
 DATE: 07/19/2019
 PROJECT NO.: 18235.00D

CUMBERLAND CHURCH
 A MASTER PLANNED RESIDENTIAL DEVELOPMENT
 LENNAR GEORGIA, INC.
 1000 HUNTERSWOODS PARKWAY
 KENNESAW, GA 30144
 PHONE: 478.270.2200

SHEET 3 OF 3

Exhibit D



ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

EPD Director's Office
2 Martin Luther King, Jr. Drive
Suite 1456, East Tower
Atlanta, Georgia 30334
404-656-4713

MAR 3 2020

Mr. Dave Colestock
Lennar
1000 Holcomb Woods Pkwy
Bldg. 400, Suite 450
Roswell, Georgia 30076

RE: Request for Variance under Provisions O.C.G.A. 12-7-6(b)(15)
Cumberland Station/Proposed Residential Development
Sewer Line Closure/New Sanitary Sewer Line Boring
City of Smyrna

Dear Mr. Colestock:

The Georgia Environmental Protection Division's Watershed Protection Branch has reviewed your stream buffer variance application for the subject project. The review was conducted to consider the potential impacts of the proposed project's encroachment on State waters within the context of the Georgia Erosion and Sedimentation Act and General Permits for Stormwater Discharges Associated with Construction Activities. This review, and the variance granted herein, is limited to only the request(s) in the stream buffer variance application for permission to conduct land-disturbing activities within 25-foot areas located immediately adjacent to the banks of State waters where vegetation has been wrested by normal stream flow or wave action. To the extent there is a request in the buffer variance application to conduct land-disturbing activities within 25-foot areas located immediately adjacent to State waters where there is no vegetation that has been wrested by normal stream flow or wave action, such request has not been considered, and is not included as a part of the variance granted herein.

Pursuant to DNR Rule 391-3-7-.05(2)(d), authorization is hereby granted to encroach within the 25-foot buffer adjacent to State waters as delineated in your application dated November 7, 2019. ***Buffer impacts authorized by this variance must be completed within five years of the date of this approval letter. If the approved buffer impacts cannot be completed prior to the expiration date, a time extension must be requested in writing at least 90 calendar days prior to the expiration date with justifiable cause demonstrated.***


Authorization for the above referenced project is subject to the following conditions:

- 1) All graded slopes 3:1 or greater must be hydroseeded and covered with Georgia DOT approved wood fiber matting or coconut fiber matting. If not hydroseeded, Georgia DOT approved matting that has been incorporated with seed and fertilizer must be used. All slopes must be properly protected until a permanent vegetative stand is established;
- 2) The amount of land cleared during construction must be kept to a minimum;

- 3) All disturbed areas must be seeded, fertilized and mulched as soon as the final grade is achieved. Also, these disturbed areas must be protected until permanent vegetation is established;
- 4) A double row of Georgia DOT type "C" silt fence or an approved high performance silt fence must be installed between the land disturbing activities and State waters where appropriate;
- 5) Buffer variance conditions must be incorporated into any Land Disturbing Activity Permit issued by the City of Smyrna for this project; and
- 6) This project must be conducted in strict adherence to the approved erosion and sedimentation control plan and any Land Disturbing Activity Permit issued by the City of Smyrna.

The granting of this approval does not relieve you of any obligation or responsibility for complying with the provisions of any other law or regulations of any federal, local or additional State authority, nor does it obligate any of the aforementioned to permit this project if they do not concur with its concept of development/control. As a delegated "Issuing Authority," the City of Smyrna is expected to ensure that the stream buffer variance requirements are met for this project and is empowered to be more restrictive in this regard.

If you have questions concerning this letter, please contact Peggy Chambers, Erosion and Sedimentation Control Unit, NonPoint Source Program, at (404) 651-8549.

Sincerely,

Richard E. Dunn
Director

RED:pc

cc: Honorable Derek Norton-Mayor, City of Smyrna
Kevin Moore-City of Smyrna
Billy Murphy-Planners and Engineers Collaborative
Matthew Kaczenski-Planners and Engineers Collaborative
Jim Hakala-WRD-Fisheries Region 1
Greg Walker-Georgia Soil and Water Conservation Commission
Mick Smith-EPD-Mountain District Office

File: BV-033-19-08