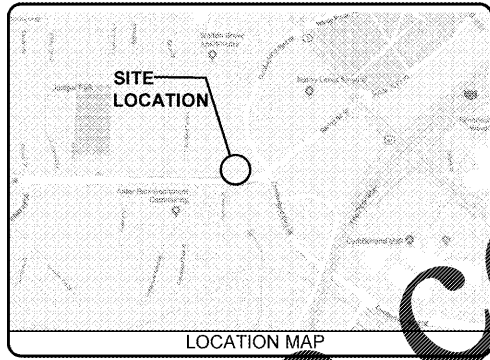


FLOOD INFORMATION  
THE PROPERTY IS LOCATED IN FLOOD ZONE "X"  
PER NFIP FIRM COMMUNITY PANEL No.  
13067C0138G, DATED DECEMBER 16, 2008.

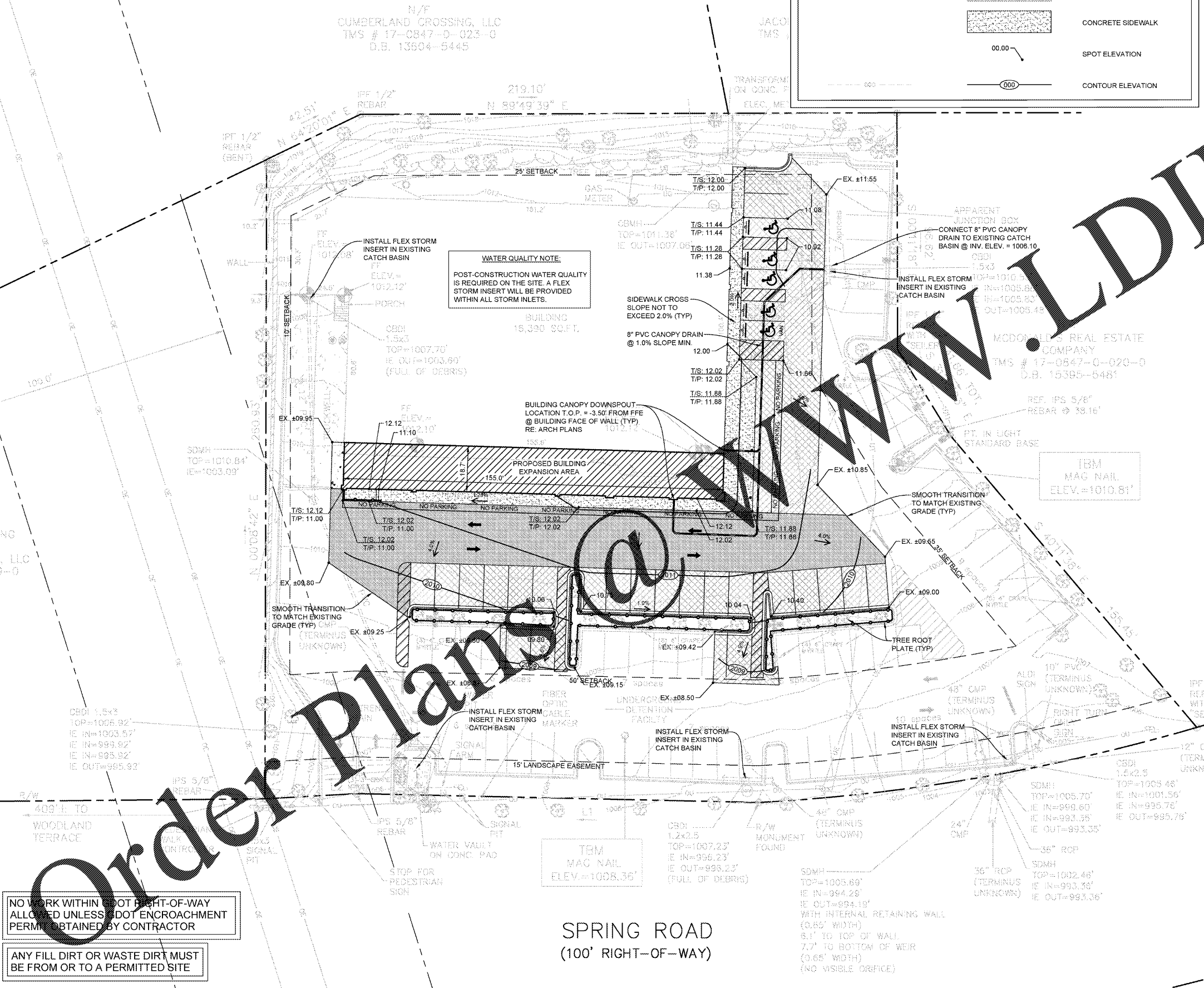
**TREE PROTECTION / EDF NOTE:**  
ALL EXISTING TREES, SPECIMEN, AND  
NON-SPECIMEN COUNTED FOR EDF CREDITS  
MUST BE FULLY PRESERVED DURING  
INDIVIDUAL LOT PERMITTING.

STATE WATERS:  
• THERE ARE NO STATE WATERS PRESENT  
ON THIS SITE.  
• THERE ARE NO STATE WATERS WITHIN  
200 FEET OF THIS SITE.  
• THERE ARE NO STREAM BUFFERS ON  
THIS SITE.

EXISTING	PROPOSED	DESCRIPTION
---	---	PROPERTY LINE
---	---	24" CONCRETE CURB & GUTTER
---	---	STANDARD DUTY ASPHALT PAVEMENT
---	---	HEAVY DUTY ASPHALT PAVEMENT
---	---	CONCRETE SIDEWALK
---	---	SPOT ELEVATION
---	---	CONTOUR ELEVATION



- SITE GRADING NOTES**
- CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE UTILITIES ARE TO BE RELOCATED TO THE RIGHT.
  - THE CONTRACTOR IS SPECIFICALLY NOTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF UTILITY COMPANY AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. 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 REQUIRE 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 THESE PLANS.
  - FOR ALL FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
  - PRECAST STRUCTURES MAY BE USED AT CONTRACTOR'S OPTION.
  - STORM PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED: TYPE 1 RCP CLASS III PER ASTM C-76, WITH FLEXIBLE PLASTIC BITUMEN GASKETS AT JOINTS, UNLESS OTHERWISE NOTED.
  - EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
  - EXISTING GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT INTERVALS.
  - PROPOSED GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT INTERVALS.
  - IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
  - ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
  - ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
  - THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
  - CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
  - CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
  - TOPOGRAPHIC INFORMATION TAKEN FROM A TOPOGRAPHIC SURVEY BY FREELAND & ASSOC., INC. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
  - ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STAKED SOD TO ALL SLOPES 3:1V OR STEEPER. CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH STATE SPECIFICATIONS UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE THE CONTRACTOR SHALL PROVIDE TOPSOIL APPROVED BY THE OWNER. AS NEEDED CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
  - ALL STORM STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT FROM INVERT IN TO INVERT OUT.
  - CATCH BASINS, MANHOLES, FRAMES, GRATES, SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD DETAILS FOR CONSTRUCTION AND THE CITY OF SMYRNA REQUIREMENTS.
  - THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR THE EXACT NUMBER, SIZE AND LOCATION OF ANY ROOF DRAINS.
  - INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS AND FIELD LOCATIONS WHEN POSSIBLE, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES BY DIGGING TEST PITS BY HAND AT ALL CROSSINGS WELL IN ADVANCE OF TRENCHING. IF CLEARANCES ARE LESS THAN SPECIFIED ON THE PLAN OR TWELVE INCHES (12"), WHICHEVER IS LESS, CONTACT THE DESIGN ENGINEER AND THE OWNER PRIOR TO PROCEEDING WITH CONSTRUCTION.
  - THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL SHEETING, SHORING, BRACING, AND SPECIAL EXCAVATION MEASURES REQUIRED TO MEET OSHA, FEDERAL, STATE, AND LOCAL REGULATIONS PURSUANT TO THE INSTALLATION OF ALL WORK INDICATED ON THESE DRAWINGS. THE OWNER AND THE DESIGN ENGINEER ACCEPT NO RESPONSIBILITY FOR THE DESIGNS TO INSTALL SAID ITEMS.
  - PRECAST DRAINAGE STRUCTURES HAVE BEEN SPECIFIED ON THE PLANS. THE OWNER AND THE ENGINEER, HOWEVER, ASSUME NO RESPONSIBILITY FOR THESE STRUCTURES, AS FIELD CONDITIONS OFTEN DICTATE MINOR ELEVATION ADJUSTMENTS. THE CONTRACTOR ASSUMES ALL RESPONSIBILITY AND EXPENSE FOR MODIFYING THE PRECAST STRUCTURES TO ACCOMMODATE FIELD REVISIONS.
  - ALL SLOPES 3:1 AND STEEPER ARE TO RECEIVE STAKED SOD.
  - ALL GRADING OPERATIONS, EXCAVATIONS, FILL, COMPACTION TESTING AND BACKFILL SHALL BE OBSERVED AND TESTED BY A QUALIFIED GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER SHALL BE DESIGNATED BY AND PAID FOR BY THE OWNER.
  - NO FILL SHALL BE PLACED PRIOR TO APPROVAL OF THE SUBGRADE BY THE GEOTECHNICAL ENGINEER.
  - COMPACTION SHALL BE DONE IN ACCORDANCE WITH ALDIs REQUIREMENTS AND THE ON-SITE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL COSTS INCURRED FOR INSPECTION AND TESTING OF SOILS DUE TO FAILURE TO COMPLY WITH THE MINIMUM REQUIREMENTS OF THE SOILS REPORT.
  - ALL GRADING OPERATIONS SHALL BE STAKED BY A LICENSED LAND SURVEYOR PROVIDED BY THE CONTRACTOR AND APPROVED BY THE OWNER.
  - UPON COMPLETION OF THE GRADING, THE GEOTECHNICAL ENGINEER SHALL PROVIDE OWNER WITH A LETTER INDICATING THAT THE SITE AND BUILDING PAD WERE PREPARED IN DIRECT CONFORMANCE WITH THE RECOMMENDATIONS AND CONCLUSIONS IN THE SOILS REPORT.
  - CROSS-SLOPE THROUGH STRIPED AREA LEADING TO PUBLIC SIDEWALK SHALL NOT EXCEED 2.0%.
  - NO EXPOSED FOOTINGS SHALL BE ALLOWED.



NO WORK WITHIN 5 FOOT RIGHT-OF-WAY  
ALLOWED UNLESS DOT ENCROACHMENT  
PERMIT OBTAINED BY CONTRACTOR

ANY FILL DIRT OR WASTE DIRT MUST  
BE FROM OR TO A PERMITTED SITE

SPRING ROAD  
(100' RIGHT-OF-WAY)

Issued:	Date:
A PERMIT SUBMITTAL	10/11/18
B	
C	
D	
Revisions:	Date:
1	
2	
3	
4	
5	

Professional Engineer Seal for Michael G. Lukus, P.E., No. 19834-A, State of Georgia.

PROJECT ENGINEER: \_\_\_\_\_ SEAL DATE \_\_\_\_\_

DRAWN BY: \_\_\_\_\_ DATE \_\_\_\_\_

CHECKED: \_\_\_\_\_ DATE \_\_\_\_\_

**CSS**  
Commercial Site Solutions, Inc.  
ENGINEERING • LANDSCAPE ARCHITECTS  
SC C.O.A. 3505

402 EAST 1ST AVENUE / EASTLEY, SC 29640 / 864-855-5200

21764 STATE ROAD 54 / LUTZ, FL 33549 / 813-885-2032

**ALDI Inc.**  
1597 Dry Pond Road  
Jefferson, GA 30549  
(706) 387-7700 (ext 122) phone  
(706) 387-7701 fax  
Contact: Robert Ochs

**PROPOSED  
EXPANSION  
ALDI  
STORE #61**

2589 SPRING ROAD  
SMYRNA, GA 30328  
COBB COUNTY

Project Name & Location	
<b>GRADING PLAN</b>	
Drawing Name:	Project No.
Date: 6/5/18	
Revised: ---	
Drawn By: RSM	<b>C-5.0</b>
Scale: 1"=20'	Drawing No.