

ENGINEERING CONCEPTS, INC.

94 GREEENFIELD STREET DALEVILLE, VIRGINIA 24083

540.473.1253

# ACCESS DRIVE & BUILDING EXPANSION

## ALTEC INDUSTRIES **Botetourt center at Greenfield**

**Botetourt County - Virginia** TOTAL LIMITS OF DISTURBANCE = 18.3 AC.

**FEBRUARY 16, 2018** 

ZONING TABULATION

CURRENT ZONING:

USE PER ZONING: 25-392(1)

LOT REQUIREMENTS 25-395-(a): 1.0 AC. SITE: 80.18 MIN SIZE:

100 FEET SITE: 1,128 FEET (88-20D)

BUILDING REQUIREMENTS 25-396

20 FEET (75 IF ADJOINING RESIDENTIAL)

WHERE BUILDING SETBACK IS INCREASED FIVE (5) FEET FOR EACH ADDITIONA

BUILDING HEIGHT PROPOSED: 32 FEET

MAXIMUM DENSITY

MAX. FLOOR AREA RATIO: 0.50 SITE: 7.3AC / 80.18AC) = .09

MAX. IMPERVIOUS AREA: 70% SITE: 38%

REQUIRED PARKING PER BOTETOURT COUNTY ZONING ORDINANCE=1SP / 600SF NEW BUILDINGS = 65,000 SF (EXPANSION)

+ 5000 SF (HDPE BUILDING) + 7,500 SF (SCALE HOUSE)

77,500 SF TOTAL / 600 = 129.2 OR 130

TOTAL BUILDINGS = 241,420SF + 77,500SF ADDITION = 318.92CSF 318,920 / 600 = 532 SPACES REQUIRED

EXISTING SPACES = 515 + 34 NEW SPACES PROVIDED SPACES = 549 SPACES

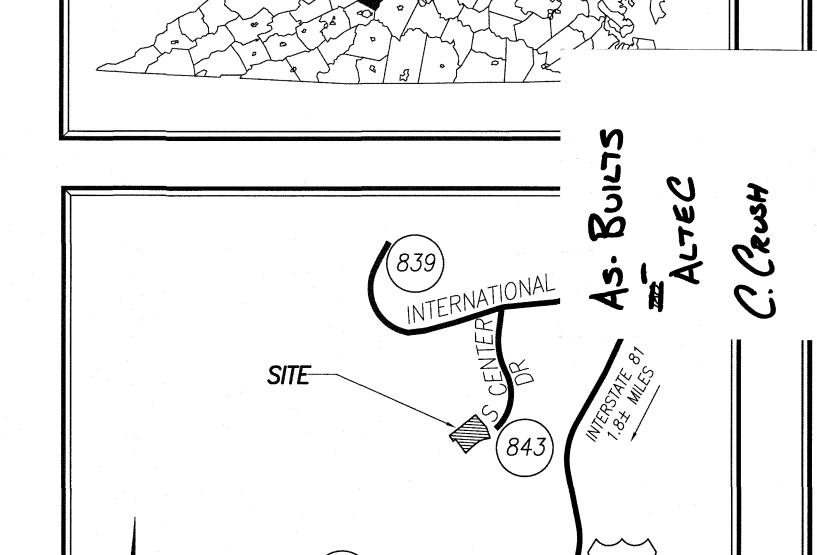
OUTDOOR STORAGE AREAS, AREAS FOR COLLECTION OF REFUSE AND LOADING AREAS SHALL BE SCREENED FROM ADJACENT STRUCTURES, ROADS AND TRAFFIC ARTERIES WITH HEDGES, DENSE PLANTING, EARTH BERMS, CHANGES IN GRADE AND/OR WALL. FENCES SHALL BE BE ALLOWED FOR SCREENING PURPOSES.

SEE ARCHITECTURAL PLANS TO CONFIRM EXACT LOCATION, SIZE, AND INVERT OF BUILDING UTILITY CONNECTIONS.

SEE ARCHITECTURAL PLANS FOR ROOFTOP EQUIPMENT AND SCREENING

NO OUTDOOR LIGHTING IS PROPOSED FOR THIS PROJECT. THE INSTALLATION OF ANY OUTDOOR LIGHTING MUST COMPLY WITH DIVISION 5. OUTDOOR LIGHTING, OF THE ZONING ORDINANCE. THE INSTALLATION OF ANY OUTDOOR LIGHTING WILL REQUIRE AN APPROVAL OF AN AMENDED SITE PLAN, TO INCLUDE A LIGHTING PLAN AND DETAILS.

ALL NEW UTILITY LINES, ELECTRIC, TELEPHONE, CABLE LINES, ETC. SHALL BE PLACED UNDERGROUND.



VIRGINIA COUNTY LOCATION MAP

### **SHEET INDEX**

VICINITY MAP COVER SHEET NOT TO SCALE

**BOTETOURT** 

COUNTY

GENERAL NOTES

EROSION CONTROL PLAN

ENTRANCE & CROSSOVER DETAIL

TRANSPORTATION MANAGEMENT PLAN

ENTRANCE ROAD PLAN & PROFILE

BUILDING EXPANSION GRADING PLAN

BUILDING EXPANSION UTILITY PLAN

STORM DRAIN PROFILES

C9A WATER AND SEWER PROFILES

CIO SITE DETAILS

CII BUILDIING SITE DRAINAGE MAP

C12 ACCESS ROAD DRAINAGE MAP

C 1 3 EROSION & SEDIMENT CONTROL DETAILS

C14 LANDSCAPING PLAN

C 15 LANDSCAPING PLAN & DETAILS

C16 BALLAST POINT DRAINAGE ANALYSIS

C17 EXISTING 24" PIPE ANALYSIS

C18 FIRE SERVICE REVISIONS

C19 WATER DETAILS

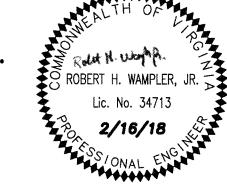
C20 SPOT PARKING LANDSCAPE PLAN

C2 | ONSITE BORROW MATERIAL PROPOSED PAD

### **OWNER**

Altec Industries, Inc.

325 S. Center Drive Daleville, Virginia 24083 540-992-5300



1 BotCo COMMENTS 2/2/18 BY:ECI DATED: 02/16/18