

SITE DATA:

PROPERTY OWNER: ABINTO CORPORATION, 3205 Randall Pkwy., Wilmington, N.C. 28403 910-763-8111
 PROJECT ADDRESS: 3333 JAECKLE DRIVE
 PIN NUMBER: R0550-004-028-000
 AREA NOT IN FEMA 100-YEAR FLOOD ZONE
 ZONING DISTRICT: O&I-1, OFFICE & INSTITUTIONAL
 DISTURBED AREA: 2.2 Ac.
 SETBACKS REQUIRED: FRONT: 20', REAR: 20', CORNER SIDE: 20'

PROPOSED BUILDING SETBACKS	148'	PROPOSED OFFSITE IMPERVIOUS AREAS:	830 SF
BRAILSFORD DRIVE	67'	PROPOSED PAVEMENT	0 SF
BURNT MILL DRIVE	125.9'	PROPOSED SIDEWALK	830 SF
JAECKLE DRIVE (S)	23.7'	TOTAL IMPERVIOUS AREA	830 SF
JAECKLE DRIVE (E)		TOTAL ONSITE + OFFSITE IMPERVIOUS AREA	63,400 SF
PROPOSED 6,250 SF BUILDING SETBACKS		PARKING REQUIRED (OFFICE)	
BRAILSFORD DRIVE	20'	PARKING REQUIRED (RESTAURANT)	17
BURNT MILL DRIVE	70.5'	MAXIMUM NONE	
JAECKLE DRIVE (S)	20'	MINIMUM: 15 STUDENTS (85 STUDENTS)	
JAECKLE DRIVE (E)	324.2'		
TRACT AREA: 91,240 SF (2.09 AC) x 15 = 31 Tree 2.5" Caliper Reqs. & 34 Prov'd.			
LAND USE: SCHOOL, OFFICE AND RESTAURANT			
CAMPAIGN USE: URBAN			
PROPOSED BUILDING AREA (GROSS)	17,800 SF	TOTAL PARKING REQUIRED:	74-105
BUILDING LOT COVERAGE (17,750/91,240)	19.7%	TOTAL PARKING PROVIDED:	77
NUMBER OF UNITS	1	HANDICAP SPACES REQUIRED:	PROPOSED
NUMBER OF BUILDINGS	2	(1.25 SPACES + HANDICAP SPACE)	4 HANDICAP SPACES
BUILDING HEIGHT	14'		
NUMBER OF STORIES	1		
EXISTING IMPERVIOUS AREAS:		BICYCLE PARKING REQUIRED (77 SPACES)	5 BICYCLE PARKS
EXISTING BUILDING	0 SF	BICYCLE PARKING PROVIDED	5 BICYCLE PARKS
EXISTING CONCRETE	0 SF	PUBLIC WATER AND SEWER BY CFP/UA	
EXISTING CRUSHED STONE	0 SF	EXISTING SEWER FLOW	0 GPD
EXISTING ASPHALT	0 SF	EXISTING WATER FLOW	0 GPD
EXISTING IMPERVIOUS AREA	0 SF (0%/0%)	PROPOSED SEWER FLOW:	
PROPOSED ONSITE IMPERVIOUS AREAS:	17,800 SF	RESTAURANT 40 GPD/SEAT x 30 SEATS	1,200 GPD
PROPOSED BUILDING FOOTPRINT	36,520 SF	OFFICE 25 GPD/EMPLOYEE x 60 EMPLOYEES	1,500 GPD
PROPOSED PAVEMENT	3,580 SF	PROPOSED SEWER FLOW:	2,700 GPD
PROPOSED SIDEWALK	0 SF	PROPOSED WATER FLOW:	(2,700 x 110%)
EXISTING IMPERVIOUS	0 SF		
FUTURE IMPERVIOUS	4,490 SF		
TOTAL IMPERVIOUS AREA	62,870 SF (68.6%/%)		

Interior landscape area: 3,315sf
 Parking Lot Canopy Coverage (36520 SF X 20%) = 7304 SF Shading Required
 7,777 SF Shading Provided

LEGEND

COMMON NAME	SIZE	QTY
GROUND COVER		
LIRIOPE, EMERALD GODDESS	1 GAL.	228
SHRUBS		
MISCANTHUS SINENSIS	3 GAL.	38
HOLLY, NEEDLEPOINT	7 GAL.	73
HOLLY, YALPON, DWARF	3 GAL.	44
PITTOSPORUM COMPACTA	3 GAL.	17
DRIFT ROSE, RED	3 GAL.	18
JAPANESE YEW	3 GAL.	14
JUNIPER, PARSONI	3 GAL.	14
JUNIPER, SEA GREEN	3 GAL.	20
LARGE SHADE TREES		
SAWTOOTH OAK	25" CAL.	14
GREEN ASH	25" CAL.	6
TRIDENT MAPLE	25" CAL.	8
ALLEE ELM	25" CAL.	5

PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.

LANDSCAPING SHALL BE COMPLETE BEFORE ISSUANCE OF A C.O. A rain/freeze sensor shall be used if there is an irrigation system.

All planted and retained living material required to meet the provisions of the City of Wilmington Land Development Code, shall be perpetually protected and maintained to professionally accepted standards by joint and several responsibility of the owner, tenant and respective agents of the property on which the material is located.

Using the creative standard of the code 50% OF THE STREETYARDS SHALL BE PLANTED AS CALLED OUT.

per Code:	per Creative Code:	Provided:
11 Trees 2.5" Cal.	6	8
69 Shrubs 12" H.	36	68
3 Trees 2.5" Cal.	2	3
21 Shrubs 12" H.	11	24
3 Trees 2.5" Cal.	2	3
17 Shrubs 12" H.	9	17
6 Trees 2.5" Cal.	3	6
36 Shrubs 12" H.	18	43

Jaeckle Drive (front streetyard) 381.99' x 18' = 6,876 sf, 6,925 sf provided
 Jaeckle Drive (corner streetyard) 228.81' x 9' = 2,059 sf
 Brailsford Drive (corner streetyard) (213.91' - 25') x 9' = 1,700 sf
 Burnt Mill Drive (corner streetyard) 404.79' x 9' = 3,643 sf

FOUNDATION PLANTING:
 West Building: 50'F - 4' door x 14'ht. x .12 = 77sf landscape req'd., 96sf Prov'd.
 125'f - 8' door x 14'ht. x .12 = 197sf landscape req'd., 234sf Prov'd.
 North Building: 50'F - 4' door x 14'ht. x .12 = 77sf landscape req'd., 96sf Prov'd.
 230'f - 8' door x 14'ht. x .12 = 373sf landscape req'd., 444sf Prov'd.

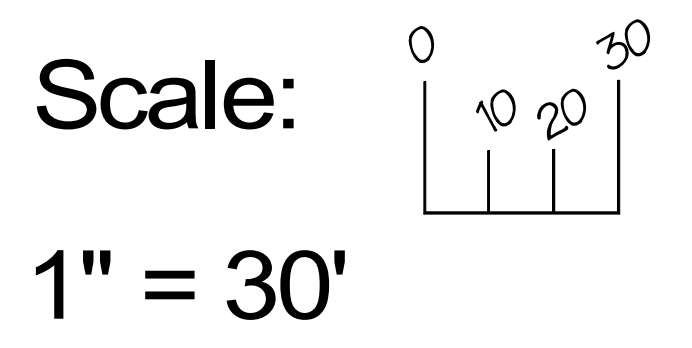
Approved Construction Plan

Name	Date
Planning	
Traffic	
Fire	

WILMINGTON
 NORTH CAROLINA
 Public Services • Engineering Division
 APPROVED STORMWATER MANAGEMENT PLAN

Date: _____ Permit # _____
 Signed: _____

Revision #: 3
 Date: 3/16/2017



Landscape Plan:
 Burnt Mill Bus. Park, Lot 22

Landscape Design by: James Freeman - NCLC# 71
 Freeman Landscape, Inc.

jim@freemanlandscape.com 910-796-1166