Leading platform Receiving + processing

Shown interior & fences product storage area

PLANT LIST

QUA.	KEY	BOTANICAL NAME	COMMON NAME	REMARKS	HEIGHT	SPREAD	ROOT	CALIPER
		TREES						
27	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR		9'-10'		B&B	
		SHRUBS						
6	MC	MYRICA CERIFERA	WAX MYRTLE	6' o.c.	4'-5'		B&B	

N/F
THOMAS H. BYRD, III
ZONED I-2
P.I.N.: 0740.02-77-5549
VACANT
(WOODED)

N/F
FU.C HSUI & SHU M. LEE
ZONED HD
P.I.N.: 0740.02-86-4446
VACANT
(WOODED)

ADJACENT OFF-SITE BERM ON MORTON METALCRAFT PROPERTY@ ~15' HT.

TOTAL HARDWOOD MATERIALS STORAGE AREA
12' W ROWS @±14' MAX. HT. – 28,972 SF
10' BETWEEN ROWS. RUN ROWS PARALLEL TO GRADE 20' ROAD THROUGH STOCKPILES. MAINTAIN 13.5' VERTICAL ROAD CLEARANCE.

N 88°39' E 436.32'

1592'

LIMITS OF SUITABLE SOIL

50' TYPE 'A' BUFFER (EXISTING)

50'-0" STOCKPILE SETBACK

SITE IMPACT LIMITS

RAW HARDWOOD MATERIALS STORAGE AREA
12' W ROWS @±14' MAX. HT. – 22,991 SF
10' BETWEEN ROWS. RUN ROWS PARALLEL TO GRADE 20' ROAD THROUGH STOCKPILES. MAINTAIN 13.5' VERTICAL ROAD CLEARANCE.

DIRECTION OF STOCKPILE ROWS (TYP.)

14,720 SF TRANSPORTED HARDWOOD FINISHED MATERIALS STORAGE AREA

405.4

S 00°41' E 180'

LIMITS OF SUITABLE SOIL

JV-27

APPROXIMATE SIZE AND LOCATION OF EXISTING RISER BASIN

20' ROAD

RAW HARDWOOD MATERIALS STORAGE AREA
12' W ROWS @±14' MAX. HT. – 27,930 SF
10' BETWEEN ROWS. RUN ROWS PARALLEL TO GRADE 20' ROAD THROUGH STOCKPILES. MAINTAIN 13.5' VERTICAL ROAD CLEARANCE.

14,252 SF TRANSPORTED HARDWOOD FINISHED MATERIALS STORAGE AREA

405.7

405

S 54°17' E 227'

50' TYPE 'A' BUFFER (EXISTING)

50'-0" STOCKPILE SETBACK

375

40' ROAD

490

PORTABLE GRINDER LOCATION OPTION #1

FLEXIBLE STORAGE AREA: RAW PINE OR HARDWOOD MATERIALS STORAGE AREA
12' W ROWS @±14' MAX. HT. – 33,270 SF
10' BETWEEN ROWS. RUN ROWS PARALLEL TO GRADE 20' ROAD THROUGH STOCKPILES. MAINTAIN 13.5' VERTICAL ROAD CLEARANCE

14,089 SF TRANSPORTED HARDWOOD FINISHED MATERIALS STORAGE AREA

21,194 SF TRANSPORTED TOPSOIL STORAGE AREA

FUTURE OUTER LOOP CORRIDOR

20' ROAD

396.1

SITE IMPACT LIMITS

DIRECTION OF STOCKPILE ROWS (TYP.)

RAW PINE MATERIALS STORAGE AREA
12' W ROWS @±14' MAX. HT. – 35,867 SF
10' BETWEEN ROWS. RUN ROWS PARALLEL TO GRADE 20' ROAD THROUGH STOCKPILES. MAINTAIN 13.5' VERTICAL ROAD CLEARANCE

396.6

20' ROAD

18,085 SF TRANSPORTED PINE FINISHED MATERIALS STORAGE AREA

PORTABLE GRINDER LOCATION OPTION #2

20' ROAD

RAW PINE MATERIALS STORAGE AREA
12' W ROWS @±14' MAX. HT. – 32,789 SF
10' BETWEEN ROWS. RUN ROWS PARALLEL TO GRADE 20' ROAD THROUGH STOCKPILES. MAINTAIN 13.5' VERTICAL ROAD CLEARANCE.

16,617 SF TRANSPORTED PINE FINISHED MATERIALS STORAGE AREA

BLYTHE RECYCLING FACILITY
25.34 ACRES
ZONED I-2 C.U.
+ HP
P.I.N.: 0740.02-85-0490

TOTAL PINE MATERIALS STORAGE AREA
12' W ROWS @±14' MAX. HT. – 34,702 SF
10' BETWEEN ROWS. RUN ROWS PARALLEL TO GRADE 20' ROAD THROUGH STOCKPILES. MAINTAIN 13.5' VERTICAL ROAD CLEARANCE.

407.9

LIMITS OF SUITABLE SOILS
200' STOCKPILE SETBACK

20' ROAD

VEHICAL EQUIPMENT STORAGE AREA

50' TYPE 'A' BUFFER (EXISTING)

50'-0" STOCKPILE SETBACK

LIMITS OF SUITABLE SOIL

50'-0" STOCKPILE SETBACK

50' TYPE 'A' BUFFER (EXISTING)

S 69°51' E 493'

134'

N 83°00' W

395.8

S 88°51' E 488'

375

N/F
GRAY MAYNARD ROTH
ZONED R-4
P.I.N: 0740.04-74-3798
VACANT
(WOODED)

N/F
WILLIE H. MOSELY
ZONED HD
P.I.N: 0740.04-84-2904
(WOODED)

VACANT

POND
W.S.E. = 390.1

229

N/F
BRENDA EVANGELINA MOSELY
ZONED R-30
P.I.N: 0740.04-85-4070
VACANT
(WOODED)

EXISTING RESIDENCE LOCATED ~55' FROM PROPERTY LINE

N 52°23' W 99'

N/F
BRENDA & VELMA MOSELY
ZONED R-30
P.I.N: 0740.04-84-5979

406.4

APPROXIMATE CENTERLINE OF 10' HT. EARTHEN BERM WITH SEEDING

N/F
MAINER T. & UVAL HOLLAND
ZONED HD
P.I.N.: 0740.04-84-9942
(WOODED)

N/F
AGRACEL, INC.
ZONED HD
P.I.N.: 0740.02-86-9031

406.4

MORTON METALCRAFT

CLOSEST BUILDING LOCATED ~250' FROM PROPERTY LINE

EXISTING BERM ON MORTON METALCRAFT PROPERTY – 10' HT MIN.

APPROXIMATE CENTERLINE OF 10' HT. EARTHEN BERM WITH SEEDING

S 88°29' E 433'

50' TYPE 'A' BUFFER (EXISTING)

50'-0" STOCKPILE SETBACK

LIMITS OF SUITABLE SOIL

50' EXISTING BUFFER

GRAVEL PARKING AREA
4 SPACES @ 9'x18' @ 6" MIN. DEPTH @ 95% MIN. COMPACTION & SUBJECT TO A PROOF ROLL TEST (NOT CURRENTLY INSTALLED)

N 01°29' E 110'

N/F
CHARLES & SUSAN JANNUZZI
ZONED GB
P.I.N.: 0740.02-95-1496
ALL DECKED OUT LEISURE

N/F
SALLIE CHANCE
ZONED HD
P.I.N.: 0740.02-95-1389
ALL DECKED OUT LEISURE

N 88°29' W 271'

12'x45' OFFICE TRAILER ON CENTER WITH SCALE (NOT CURRENTLY INSTALLED)

10' x 90' CONCRETE SCALE 70' LEVEL @ 12'-14' HT. (NOT CURRENTLY INSTALLED)

N/F
PAULINE A. BLOUNT
ZONED HD
P.I.N.: 0740.02-85-9341

GRAVEL BYPASS LANE: ADJACENT LANE TO MATCH ELEVATION OF SCALE

S 88°29' E

N/F
PAULINE A. BLOUNT
ZONED HD
P.I.N.: 0740.02-95-1330
RESIDENCE
(WOODED)

400'

50' R

MC-6

24'-0" (TYP.)

N 01°33' E 100'

N 88°29' W 398.5

285'

50' R

NEW 18" CONCRETE RCP DRAINAGE CULVERTS

400.5

50' TYPE 'A' BUFFER (EXISTING)

200' STOCKPILE SETBACK

N 01°38' E 210'

EXISTING RESIDENCE LOCATED ~140' FROM PROPERTY LINE AND ~200' FROM STOCKPILE

(WOODED)
N/F
MAINER T. & UVA HOLLAND
ZONED HD
P.I.N.: 0740.02-95-1008

LIMITS OF SUITABLE SOIL

S 87°41' E 287'

50'-0" STOCKPILE SETBACK

APPROXIMATE CENTERLINE OF 10' HT. EARTHEN BERM WITH SEEDING

N/F
MAINER T. & UVAL HOLLAND
ZONED HD
P.I.N.: 0740.04-84-9942
(WOODED)

~EX. PVMT. WIDTH

100'-0" EXISTING PUBLIC R.O.W.

401.0

84 LUMBER

N.C. 55 EXISTING 100' PUBLIC R/W

400

EXISTING 24' GRAVEL DRIVE

EXISTING ASPHALT ENTRANCE

TYPE "B" LANDSCAPE BUFFER @ 13' EACH SIDE OF DRIVE TO 30' FROM R.O.W. SHRUBS PLANTED @ 6' o.c. SEE PLANT LIST, THIS SHEET FOR SHRUB TYPE.

FUTURE OUTER LOOP CORRIDOR

N/F
PIERCE HANDY LIMITED PARTNERSHIP
ZONED HD
P.I.N.: 0740.02-95-5223

60 0 30 60 120

SCALE 1" = 60'

100'-0" EXISTING PUBLIC R.O.W.

HWY 55

TO APEX

TECHNOLOGY DRIVE

SITE

FUTURE OUTER LOOP CORRIDOR

APPROXIMATE HIGHWAY 55 BY-PASS CORRIDOR

OLD SMITHFIELD ROAD

SUNSET LAKE ROAD

TO HOLLY SPRINGS

VICINITY MAP
NOT TO SCALE

SITE DATA:

ZONING	CU-I2
TOTAL TRACT SIZE	25.34 ACRES
PIN #	0740.02-85-0490
PRESENT USE	VACANT
PROPOSED USE	WOOD MULCH TEMPORARY RECYCLING FACILITY
FLOOR AREA RATIO	0.00 (NO BUILDINGS PROPOSED)
INTENSITY (EXISTING)	0.00 (VACANT)
INTENSITY (PROPOSED)	0.00049
TRAILER DIMENSIONS	12'W x 45'L x 12' MAX. HT.
REQUIRED PARKING	1 SPACE/EMPLOYEE @ 1 EMPLOYEE ON SITE
PROPOSED PARKING	4 GRAVEL SPACES PROVIDED
RAW PINE STORAGE MATERIALS	68,636 SF (1.58 AC)
RAW HARDWOOD STORAGE MATERIALS	50,921 SF (1.17 AC)
FINISHED PINE STORAGE MATERIALS	34,702 SF (0.80 AC)
FINISHED HARDWOOD STORAGE MATERIALS	28,972 SF (0.67 AC)
RAW FLEXIBLE STOCKPILE AREA	33,270 SF (0.76 AC)
FINISHED FLEXIBLE STOCKPILE AREA	14,089 SF (0.32 AC)
TOPSOIL STOCKPILE AREA	21,194 SF (0.49 AC)
TOTAL STOCKPILE AREA	251,784 SF (5.78 AC)

IMPERVIOUS SURFACE DATA:

GRAVEL DRIVE	12,969.72 SF
SCALE	930 SF
EQUIPMENT STORAGE AREA	19,553 SF
OFFICE TRAILER	540 SF
TOTAL IMPERVIOUS SURFACE AREA	33,992.72 SF (0.78 AC)
TOTAL SITE IMPACT AREA	~14.52 ACRES (632,478 SF)
TOTAL OVERALL SITE AREA	~25.34 ACRES (1,103,810 SF – TRACTS A & B)
% IMPERVIOUS SURFACE	±5.37% (PER SITE IMPACT AREA)

THIS SITE IS TEMPORARY IN NATURE, AND SHALL BE IN USE AS A RECYCLING FACILITY UNTIL CLAIMED BY NCDOT FOR THE FUTURE OUTER LOOP BYPASS

NUMBERS ARE APPROXIMATE. ACTUAL QUANTITIES MAY VARY DUE TO VARIABLE SITE STORAGE CAPACITIES AT ANY GIVEN TIME.

ALL ADJACENT PROPERTY ZONED R-4 AND HD SHALL BE SCREENED WITH A 10' HT. BERM WITH INTERMITTANT EVERGREEN CANOPY TREE PLANTINGS AT 120' o.c. SPACING. THE BERM SHALL BE ~ 12'-20' WIDE AT THE BASE. SCREENINGS SHALL BE LOCATED ALONG THE PERIMETER OF THE ACTUAL SITE IMPACT AREA.

REFERENCES
ALL BOUNDARY INFORMATION AND TOPOGRAPHY OBTAINED FROM WAKE COUNTY GIS.

HOURS OF OPERATION:
8:00 AM – 6:00 PM (M-F)
8:00 AM – 12:00 PM (SAT)
CLOSED SUNDAYS

TOTAL EMPLOYEES: 1

LIMITS OF SUITABLE SOILS AND STOCKPILE AREAS REVISED AND EXPANDED DUE TO SOILS AND PERCHED WATER RE-EVALUATION BY NEAL FLOYD ON 8/19/00

NO PERCHED WATER OR UNSUITABLE SOILS FOUND ON SITE. LIMITS OF SUITABLE SOIL SHALL BE ACTUAL STOCKPILE LIMITS

EXISTING SITE PREVIOUSLY GRADED FOR BERM CREATION PER WAKE CO. INDICATED TOPOGRAPHY (WAKE CO. TOPO) SIMILAR, BUT NOT EXACT INDICATION OF ACTUAL SITE CONDITIONS

GENERAL SITE NOTES

1. NO RAW OR FINISHED STOCKPILED MATERIALS SHALL BE STORED WITHIN 200 FEET OF ANY RESIDENTIAL OR COMMERCIAL BUILDING STRUCTURE.
2. NO RAW OR FINISHED STOCKPILED MATERIALS SHALL BE STORED WITHIN 100 FEET OF ANY PUBLIC OR PRIVATE WELL SYSTEM.
3. NO RAW OR FINISHED STOCKPILED MATERIALS SHALL BE STORED WITHIN 50 FEET OF ANY PROPERTY LINES, PONDS, DITCHES OR ANY OTHER ADJACENT WATERS.
4. AN OFFICE TRAILERS SHALL BE POSSIBLY LOCATED ON SITE. ANY OFFICE TRAILER TO BE ADDED IN THE FUTURE SHALL UNDERGO A SEPARATE PERMIT REQUEST TO WAKE COUNTY BY OWNER.
5. ONLY ONE PORTABLE GRINDER SHALL BE LOCATED ON THE SITE. GRINDING EQUIPMENT LOCATION IS APPROXIMATE, AND SHALL BE RELOCATED AS NEEDED FOR THE GRINDING AND PROCESSING OF RAW WOOD STORAGE MATERIALS.
6. EXISTING ROADWAY CONDITIONS, AT 45 MPH DESIGN SPEED, HAVE BEEN IMPROVED TO MEET NCDOT DESIGN STANDARDS FOR ROADWAY WIDENING. NO FURTHER IMPROVEMENTS ARE NECCESSARY.
7. NO PORTIONS OF THE SITE ARE LOCATED WITHIN THE 100-YEAR FLOOD PLAIN AS PER FEMA MAP 3718JC0495D, PANEL 495 OF 810, DATED MARCH 3, 1992. AS BEST AS CAN BE DETERMINED, ALL PORTIONS OF THIS SITE IS LOCATED WITHIN THE CAPE FEAR RIVER DRAINAGE BASIN.
8. 30' FRONT VEGETATIVE BUFFER AT HIGHWAY 55 RIGHT-OF-WAY TO REMAIN UNDISTURBED.
9. NO OTHER MATERIALS SHALL BE PROCESSED OR STORED ON SITE AT THIS TIME. FUTURE COMPOSTING, HOWEVER, MAY OCCUR AT A FUTURE DATE. ANY MATERIAL OR STORAGE CHANGES SHALL BE COVERED UNDER A SEPARATE PERMIT APPLICATION.
10. NO PINE OR HARDWOOD MATERIALS SHALL BE STOCKPILED IN AREAS BEYOND THE LIMITS OF SUITABLE SOIL. THE WATER TABLE WITHIN THE LIMITS OF SUITABLE SOIL IS NOT WITHIN 12 INCHES OF THE SOIL SURFACE. ACTUAL WATER TABLE DEPTH WAS DETERMINED BY FIELD EVALUATION AND SOIL SAMPLES. SEE ATTACHED REPORT.
11. NO NITROGEN CONTAINING, PUTRESCIBLE OR PATHOGEN CONTAINING WASTES SHALL BE MANAGED AT THIS FACILITY.
12. NOTES 1-11 AS PER NCDEHNR SOLID WASTE REGULATIONS AND REQUIREMENTS.
13. THIS RECYCLING FACILITY SHALL BE OWNED AND OPERATED BY CHARLES BLYTHE EQUIPMENT COMPANY.
14. ALL GATES AND FENCING LOCATIONS ARE SITE SPECIFIC, AND SHALL BE LOCATED IN THE FIELD BY THE OWNER. THEREFORE, NO FENCING IS INDICATED ON THE PLANS.
15. PORTA-JOHNS SHALL BE LOCATED ON SITE, AND SHALL BE LOCATED AS PER FIELD CONDITIONS.
16. LOCATION OF GRAVEL DRIVE, PARKING AREA, TRAILER AND SCALE TO BE FIELD ADJUSTED AS NEEDED PER ACTUAL EXISTING SITE CONDITIONS.
17. NO DUMPSTER SHALL BE LOCATED ON THE SITE. ANY TRASH SHALL BE COLLECTED, AS NEEDED, AND STORED WITHIN A RESIDENTIAL GARBAGE CAN UNTIL TAKEN BY THE OWNER TO THE LANDFILL.
18. ANY INADVERTENT ITEMS SUCH AS APPLIANCES, ETC., SHALL BE DISPOSED OF BY THE OWNER TO AN APPROPRIATE LANDFILL AS NEEDED.
19. ALL AREAS OF THE SITE HAVE BEEN PREVIOUSLY CLEARED AND GRADED. NO HABITAT SUPPORTING ENDANGERED SPECIES, CRITICAL HABITATS OR WETLANDS REMAIN ON THE SITE.
20. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND EXISTING UTILITY UTILITIES THAT MAY BE LOCATED ABOVE OR BELOW GROUND PRIOR TO THE START OF CONSTRUCTION.
21. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL APPROPRIATE LOCAL AND STATE AUTHORITIES STANDARDS AND SPECIFICATIONS.
22. DETERIORATED OR DEAD SCREENING SHALL BE REPAIRED OR REPLACED WITHIN SIX MONTHS.
23. NO PERMANENT CONSTRUCTION CAN OCCUR WITHIN BUFFER YARDS.
24. SEPTIC TANKS SEPTIC DRAIN LINES ARE PROHIBITED IN REQUIRED BUFFER YARDS. STORMWATER RETENTION AND DETENTION FACILITIES, STORAGE TANKS FOR ANY PURPOSE, UTILITY SUBSTATIONS, AND BUILDING HOUSING UTILITY COMMODITIES OR EQUIPMENT ARE ALSO PROHIBITED IN REQUIRED BUFFERYARDS.
25. NO ELECTRICAL SUPPLY SHALL BE NEEDED AT THIS TIME. ALL SITE MACHINERY IS POWERED BY DEISEL FUEL.
26. EXACT LOCATION OF OFFICE TRAILER TO BE FIELD LOCATED ON SITE, AND SHALL BE LOCATED ~40 FEET FROM THE FRONT PROPERTY LINE.
27. NO WELL, SEPTIC SYSTEMS, OR DRAIN FIELDS ARE LOCATED ON THE SITE.

FIRE PREVENTION NOTES

1. "NO SMOKING" SIGNS NEED TO BE POSTED CONSPICUOUSLY THROUGHOUT THE STORAGE AREA.
2. THE SITE STREET ADDRESS SHALL BE POSTED AT THE ENTRANCE OF THE SITE. ADDRESS NUMBERS SHALL BE A MINIMUM 6 INCHES IN HEIGHT AND VISIBLE FROM THE ROADWAY.
3. PILE HEIGHTS FOR THE STORED MATERIAL SHALL NOT EXCEED 20 FEET.
4. ROAD WIDTH BETWEEN PILES SHALL BE 20 FEET. VERTICAL CLEARANCE OF 13.5 FEET SHALL ALSO BE MAINTAINED.
5. WEEDS SHALL BE KEPT DOWN THROUGHOUT THE ENTIRE YEAR AND SPRAYED AS OFTEN AS NEEDED TO PREVENT ACCUMULATION. DEAD WEEDS SHALL BE REMOVED.
6. PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED SO THAT TRAVEL DISTANCE DOES NOT EXCEED 75 FEET. A MINIMUM RATING OF A 2A10BC SHALL BE USED AND EXTINGUISHERS SHALL BE MOUNTED AND PROTECTED FROM WEATHER ELEMENTS.
7. AN INSPECTION SHALL BE CONDUCTED PRIOR TO SITE OPERATIONTO ENSURE COMPLIANCE WITH THE ABOVE LISTED REQUIREMENTS. ADDITIONAL REQUIREMENTS MAY APPLY AFTER EQUIPMENT IS PLACED ON SITE. CALL 856-7095 TO SCHEDULE THIS INSPECTION.

PRELIMINARY SITE PLAN. NOT FOR CONSTRUCTION PURPOSES

REVISED SITE PLAN SUBMITTED FOR UPGRADE PURPOSES FROM NOTIFICATION TO PERMIT STATUS

GRNDBS2E1.DWG

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL 0843 VERNON HERSEMER

THOMPSON and ASSOCIATES, P.A.
5821 HOLLY SPRINGS ROAD
RALEIGH, NC 27606
TEL. 919 851-1709 FAX 919 859-2143

DATE	7/3/00	SURVEYED BY	
SCALE	1"=60'	DRAWN BY	VLH
REVISIONS	MAP REVISIONS PER SOIL RE-EVALUATION 8/22/00		

JOB CB-HWY

DWG. NO. C-1

OVERALL SITE PLAN
BLYTHE RECYCLING FACILITY
2024 EAST WILLIAMS STREET (HIGHWAY 55)
APEX, NORTH CAROLINA 27502
(9000 635-0907

TOWNSHIP HOLLY SPRINGS	NORTH CAROLINA
COUNTY WAKE	OWNER CHARLES BLYTHE
ZONED CU I-2	P.I.N. 0740.02-85-0490

YEAR 2000