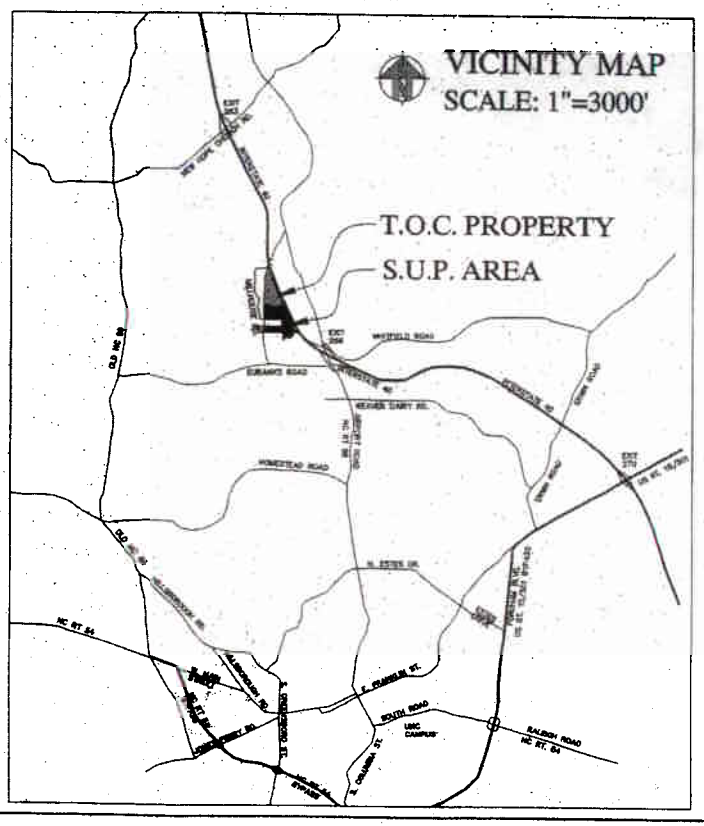
TOWN OPERATIONS CENTER
FOR THE TOWN OF CHAPEL HILL

SPECIAL USE PERMIT APPLICATION
CHAPEL HILL, NORTH CAROLINA
FEBRUARY 25, 2004



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SA.1 AREA MAP
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ATTACHMENT 11

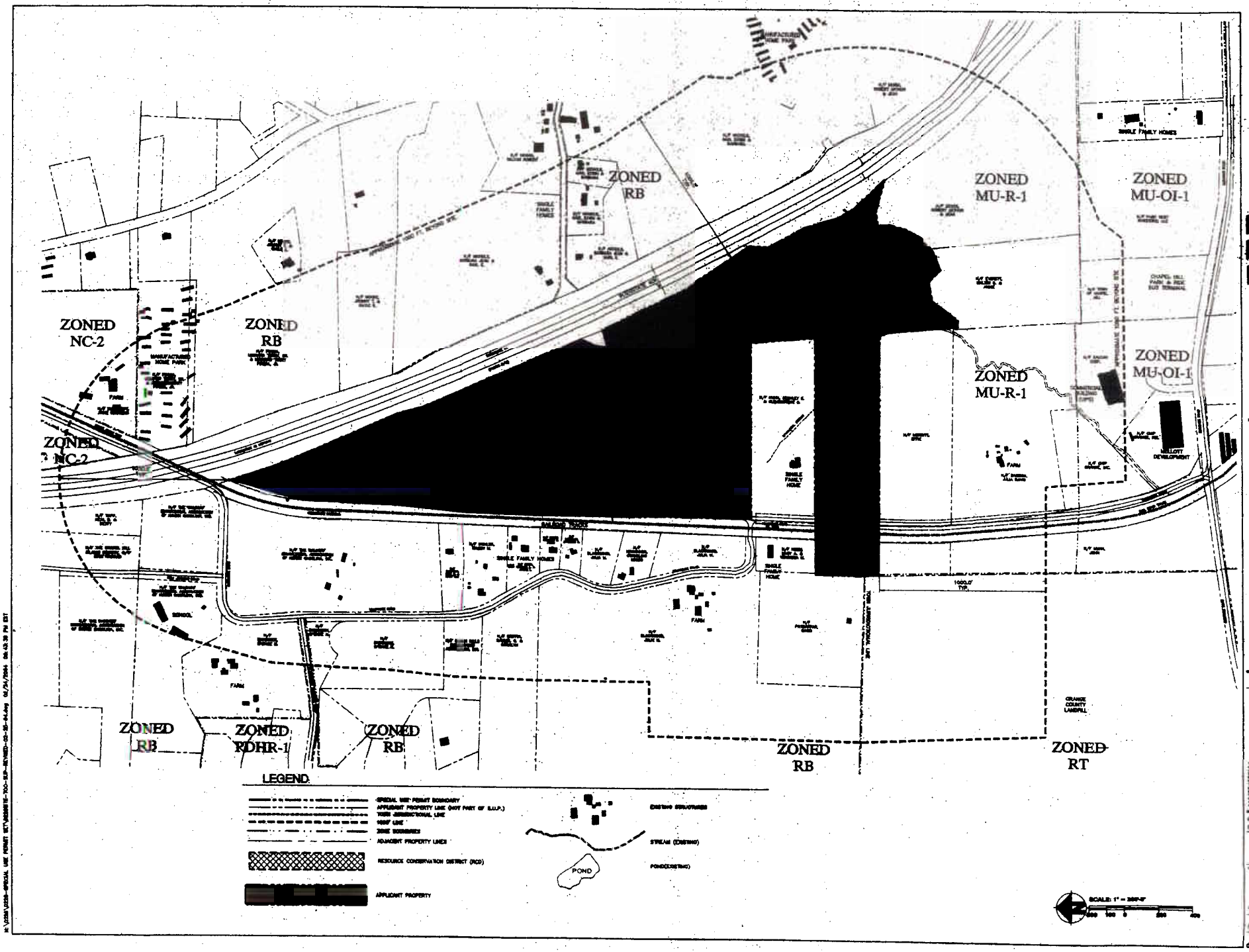
CORLEY REDFOOT ZACK

TOWN OPERATIONS CENTER FOR THE TOWN OF CHAPEL HILL
CHAPEL HILL, NORTH CAROLINA

COVER SHEET

C0.1

S.U.P. SUBMITTAL 02/25/04



CORLEY REDFOOT ZACK inc.

TOWN OPERATIONS CENTER FOR
THE TOWN OF CHAPEL HILL

MILL CRAE. ROAD
NORTH CAROLINA

no. revisions

drawn GAR
checked MLH

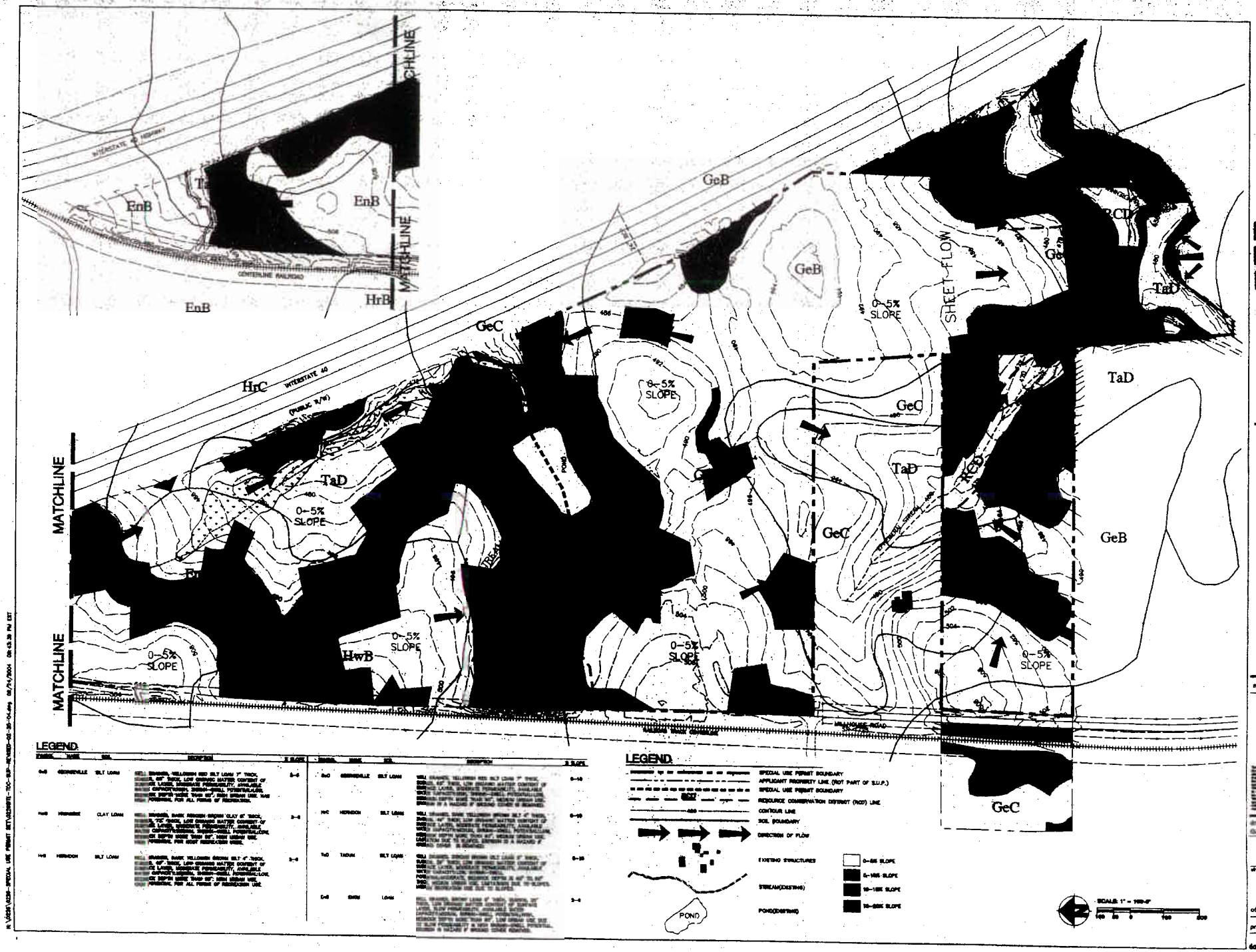
SITE AREA MAP

SA.1

project no.

date 02/23/04

S.U.P. SUBMITTAL 02/23/04



CORLEY REDFOOT ZACK INC.
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TOWN OPERATIONS CENTER FOR
THE TOWN OF CHAPEL HILL
MILLHOUSE ROAD
CHAPEL HILL, NORTH CAROLINA

no. revisions

drawn DAR checked MGR

SITE ANALYSIS PLAN

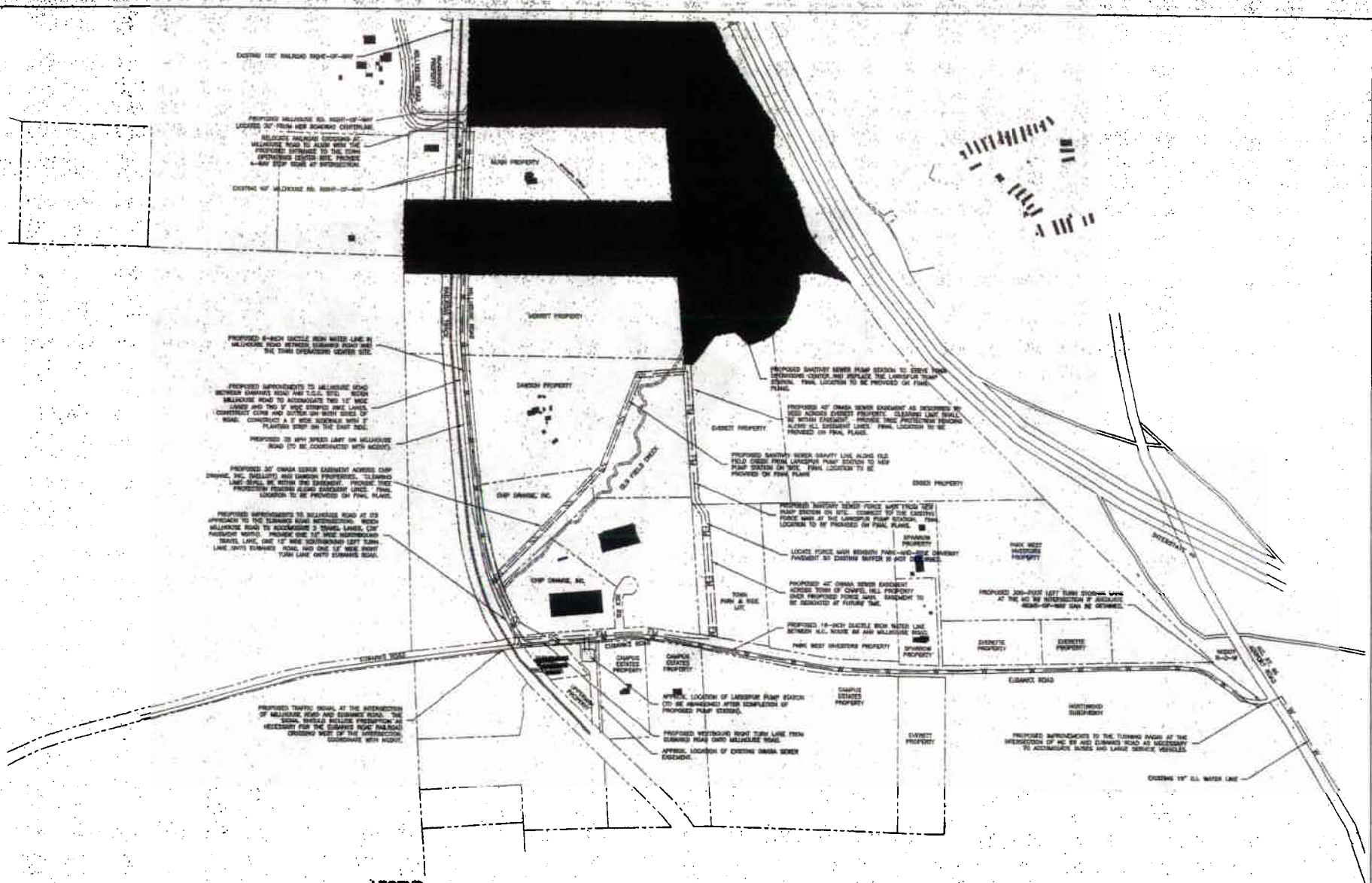
sheet SA.2

of total

project no. 0226

date 02/25/04

S.U.P. SUBMITTAL 02/25/04



LEGEND

- SPECIAL USE PERMIT BOUNDARY
- APPLICANT PROPERTY LINE (NOT PART OF S.U.P.)
- TOWN JURISDICTIONAL LINE
- ADJACENT PROPERTY LINES
- APPLICANT PROPERTY
- SS — PROPOSED SANITARY SEWER LINE
- FM — PROPOSED SANITARY SEWER FORCE MAIN
- PROPOSED EASEMENT
- W — PROPOSED WATER LINE
- EXISTING STRUCTURES
- STREAM(EXISTING)
- POND — POND(EXISTING)
- RESOURCE CONSERVATION DISTRICT (RCD)

SCALE: 1" = [illegible]'

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PO Box 1548 Chapel Hill, North Carolina 919 933-8566

TOWN OPERATIONS CENTER FOR THE TOWN OF CHAPEL HILL

MILLHOUSE ROAD
CHAPEL HILL, NORTH CAROLINA

no. revisions

drawn: GAK
checked: MLH

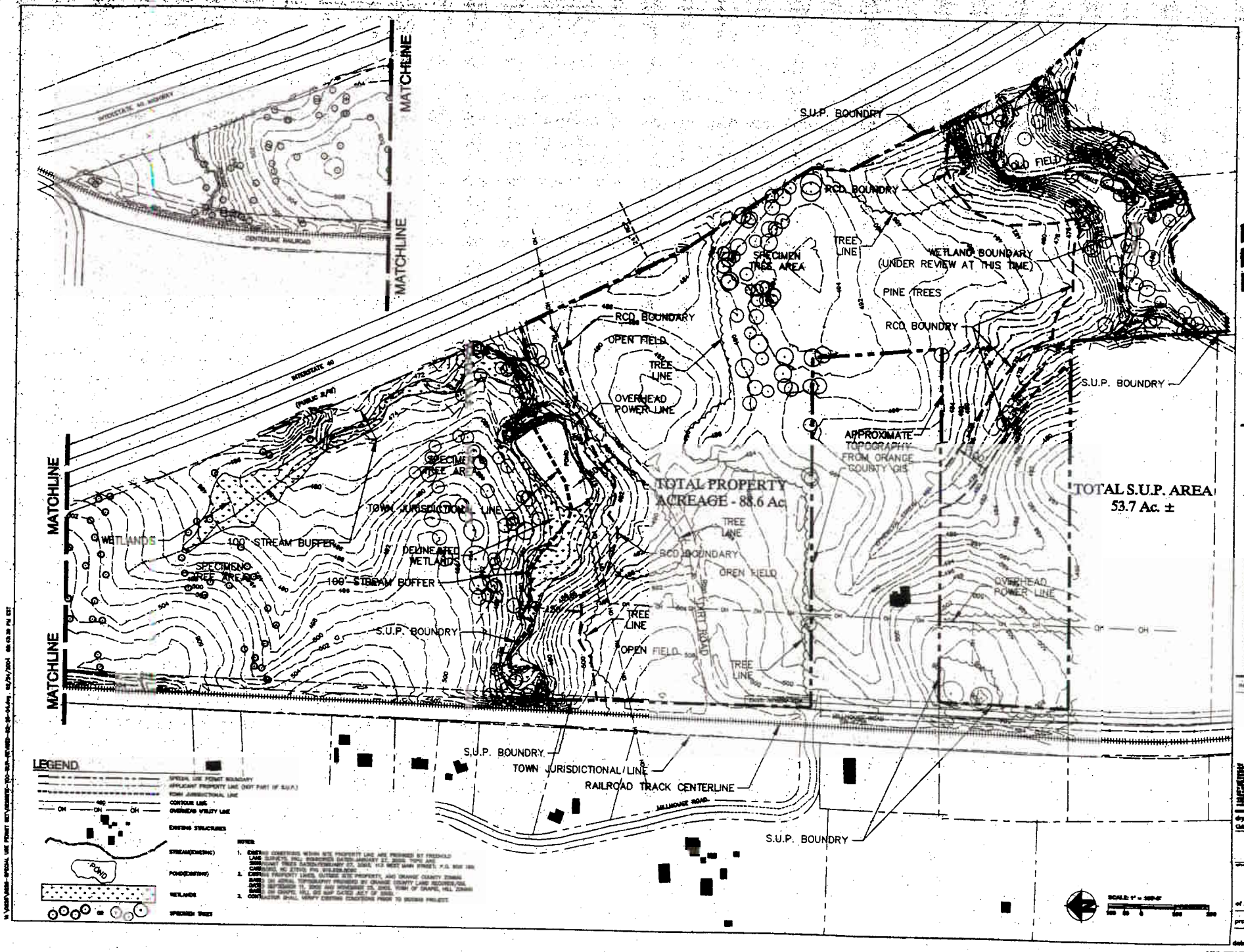
OFF-SITE IMPROVEMENTS PLAN

sheet SA.3
of total

project no. 0226

date [illegible]

S.U.P. SUBMITTAL [illegible]


MATCHLINE
MATCHLINE
MATCHLINE
INTERSTATE 40
(PUBLIC R/W)
S.U.P. BOUNDRY
RCD BOUNDRY
OPEN FIELD
TREE LINE
OVERHEAD POWER LINE
SPECIMEN TREE AREA
WETLANDS
100' STREAM BUFFER
DELINEATED WETLANDS
TOWN JURISDICTIONAL LINE
TOTAL PROPERTY ACREAGE - 88.6 Ac.
APPROXIMATE TOPOGRAPHY FROM ORANGE COUNTY GIS
WETLAND BOUNDARY (UNDER REVIEW AT THIS TIME)
PINE TREES
TOTAL S.U.P. AREA 53.7 Ac. ±
RAILROAD TRACK CENTERLINE
MILLHOUSE ROAD
LEGEND
POND
WETLANDS
SPECIMEN TREES
EXISTING CONDITIONS PLAN
C1.0
TOWN OPERATIONS CENTER FOR THE TOWN OF CHAPEL HILL
CORLEY REDFOOT ZACK

TOTAL PROPERTY = 88.6 ACRES
S.U.P. BOUNDARY = 53.7 ACRES

MATCHLINE

MATCHLINE

MATCHLINE

INTERSTATE 40

CENTERLINE RAILROAD

PROPOSED CONCEPTUAL DRIVEWAY CORRIDOR

LATER PHASE BUILDING

DISPLAY STORAGE

COVERED AREA/SALT STORAGE

COVERED SALT STORAGE

PUBLIC WORKS ADMINISTRATION AND PW/SNOW SHARED AREAS

PUBLIC WORKS - OPERATIONS

PUBLIC WORKS EMPLOYEE AND VISITOR PARKING

LATER PHASE PARKING

PW - INTERNAL SERVICES BUILDING AND PUBLIC WORKS MAINTENANCE

PROPOSED CONCEPTUAL DRIVEWAY CORRIDOR (FIELD LOCATE AT A FUTURE PHASE)

TRANSPORTATION MAINTENANCE DIVISION

TRANSPORTATION ADMINISTRATION AND OPERATIONS (3-STORY)

ELEVATED BRIDGE/ BOARDWALK

TRANSPORTATION SERVICE VEHICLE STORAGE

TRANSPORTATION EMPLOYEE AND VISITOR PARKING

LATER PHASE PARKING

EPHEMERAL STREAM

FUTURE EXPANSION

YARD/MATERIAL STORAGE

SUMMERS

TOWN JURISDICTIONAL LINE

PROPOSED CONC. ARCH CULVERT

FUEL STORAGE

MILLHOUSE ROAD

RELOCATED INTERSECTION AND RAILROAD CROSSING

EXISTING ALIGNMENT OF MILLHOUSE ROAD

REALIGNMENT OF MILLHOUSE ROAD AT RR CROSSING

S.U.P. BOUNDARY

OTHER OFFSITE IMPROVEMENTS TO INCLUDE:

1. NEW TRAFFIC LIGHT AT MILLHOUSE ROAD AND EUBANKS ROAD.
2. WIDENING OF EUBANKS ROAD FROM AIRPORT ROAD TO MILLHOUSE ROAD TO PROVIDE TWO 13-FOOT TRAVEL LANES, BIKE PATHS, AND RIGHT TURN LANE.
3. ADDITIONAL LEFT TURN LANE STORAGE AND IMPROVED TURNING RADIUS GEOMETRY AT TRAFFIC SIGNAL AT EUBANKS ROAD AND AIRPORT ROAD.

IMPROVEMENTS TO MILLHOUSE ROAD FROM EUBANKS ROAD TO THE SITE TO INCLUDE 26' WIDE PAVEMENT WITH CURB AND GUTTER AND SIDEWALK (EAST SIDE).

LEGEND:

SPECIAL USE PERMIT BOUNDARY
APPLICANT PROPERTY LINE (NOT PART OF S.U.P.)
TOWN JURISDICTIONAL LINE
PROPOSED CHAIN LINK SECURITY FENCE
PROPOSED SCREENING FENCE
EXISTING STRUCTURES
PROPOSED STRUCTURES
PROPOSED CANOPY/COVERED STORAGE
LATER PHASE DEVELOPMENT
EXISTING SPECIMEN TREES

NOTES:

1. [illegible]
2. [illegible]
3. [illegible]

SCALE: 1" = 100'-0"

CORLEY REDFOOT ZACK, P.A.
ARCHITECTS ENGINEERS PLANNERS
PO Box 2948, Chapel Hill, North Carolina 919-942-1555

TOWN OPERATIONS CENTER FOR
THE TOWN OF CHAPEL HILL

MEJ: OAD
CHAP: NORTH CAROLINA

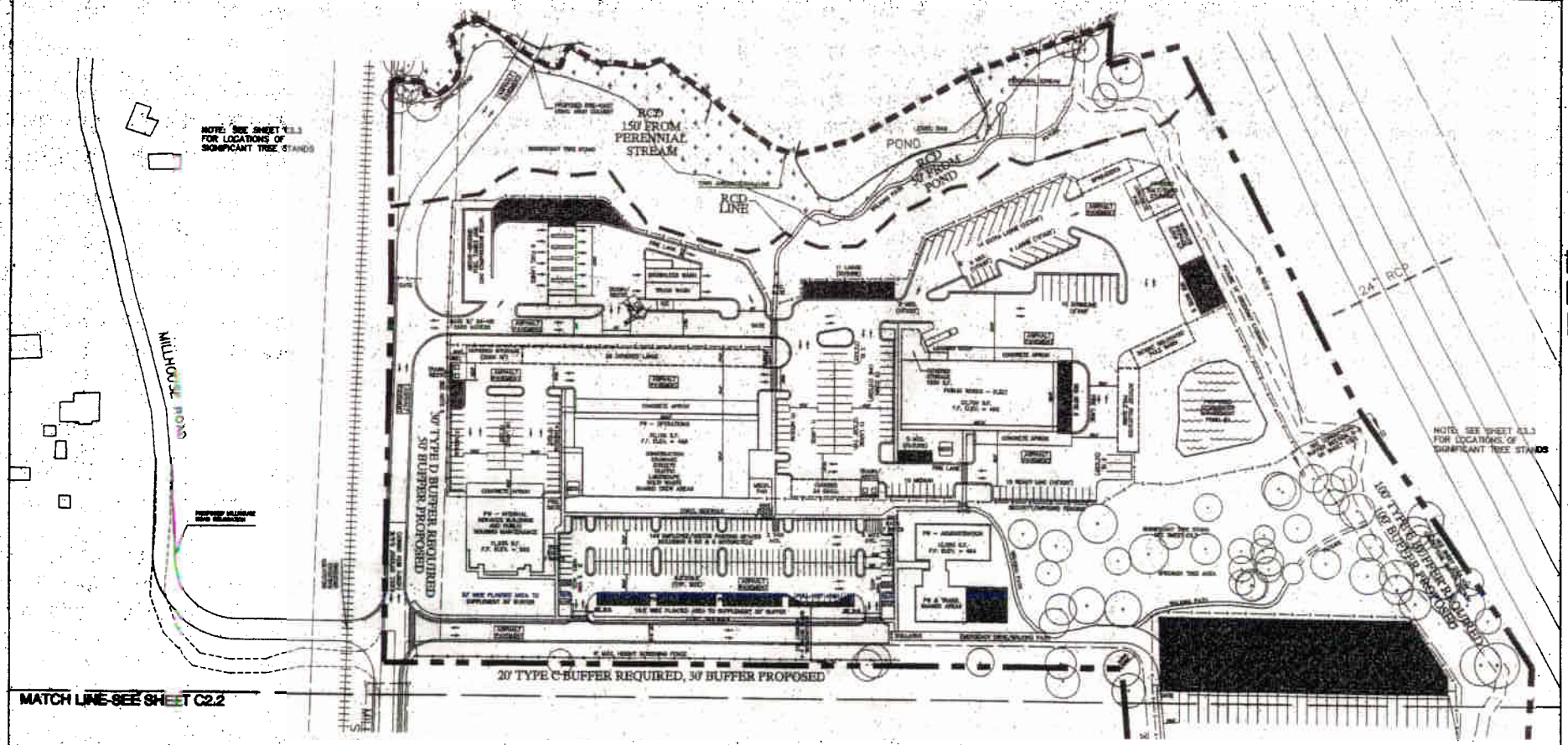
COMPREHENSIVE FACILITY PLAN

C2.0

project no. 0206

date 02/25/04

S.U.P. SUBMITTAL 02/25/04



LEGEND

- SPECIAL USE PERMIT BOUNDARY
- APPURTENANT PROPERTY LINE (NOT PART OF S.U.P.)
- PROPOSED CHAIN LINK SECURITY FENCE
- PROPOSED SCREENING FENCE
- EXISTING STRUCTURES
- PROPOSED STRUCTURES
- PROPOSED CANOPY/COVERED STORAGE
- LATER PHASE DEVELOPMENT
- EXISTING SPECIMEN TREES

NOTES:

1. [illegible] CONDITIONS WITHIN SITE PROPERTY LINE ARE PROVIDED BY FREEHOLD LAND SURVEYS, INC. BOUNDARIES PROVIDED JANUARY 21, 2003. SUPV. AND [illegible] TREES SURVEYED FEBRUARY 2, 2003. 112 WEST MAIN STREET, P.O. BOX 198, CARRBORO, NC 27510, PH. 919.929.[illegible]
2. [illegible] PROPERTY LINES, OUTSIDE SITE PROPERTY, AND ORANGE COUNTY ZONING INFORMATION TO WEST AND NOVEMBER 25, 2003, TOWN OF CHAPEL HILL ZONING [illegible] ON CHAPEL HILL GIS MAP DATED JULY 01, 2003.
3. [illegible] CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING PROJECT.
4. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
5. [illegible] NOTED OTHERWISE, AREAS DESIGNATED AS LATER PHASE DEVELOPMENT WILL BE [illegible] AS PART OF THE INITIAL PHASE.
6. [illegible] IMPROVEMENTS THAT WERE NOT WILL BE LEFT UNDISTURBED UNTIL ACTUAL CONSTRUCTION OF [illegible] PHASE.
7. [illegible] DRAINAGE EASEMENT TO BE CLEARED AND GRADED WITH INITIAL PHASES IN AREAS [illegible] ON THE PLAN.

PARKING SUMMARY

PUBLIC WORKS

INITIAL PHASE (2008)	FUTURE PHASE (2010-2036)	
127	40	EMPLOYEE SPACES (9.5'X19.0')
10	-	VISITOR SPACES (9.5'X19.0')
2	-	MOTORCYCLE SPACES (4.25'X10.0')
9	-	VAN ACCESSIBLE SPACES (9.5'X19.0' WITH 8.0' AISLE)
148	40	TOTAL

TRANSIT

INITIAL PHASE (2008)	FUTURE PHASE (2010-2036)	
129	20	EMPLOYEE SPACES (9.5'X19.0')
8	-	VISITOR SPACES (9.5'X19.0')
1	-	VAN ACCESSIBLE SPACES (9'X19' WITH 8' AISLE)
2	-	REGULAR ACCESSIBLE SPACES (9'X19' WITH 5' AISLE)
140	20	TOTAL
288	60	PARKING GRAND TOTAL (PW AND TRANSIT)

CURRENT TOWN OFFICES

INITIAL PHASE (2008)	FUTURE PHASE (2010-2036)	
-	20	EMPLOYEE/VISITOR SPACES (9.5'X19.0')
-	-	VAN ACCESSIBLE SPACES (9.5'X19.0' WITH 8.0' AISLE)
-	20	TOTAL

VEHICLE STORAGE SUMMARY

PUBLIC WORKS

INITIAL PHASE (2008)	FUTURE PHASE (2010-2036)	
34	-	COVERED SMALL SPACES (10'X20')
62	-	MEDIUM SPACES (10'X30')
16	-	COVERED MEDIUM SPACES (10'X30')
12	-	LARGE SPACES (12'X35')
14	-	COVERED LARGE SPACES (12'X35')
19	-	EXTRA LARGE SPACES (12'X35')
18	-	MEDIUM DOWN LINE (10'X30')
10	-	EXTRA LARGE DOWN LINE (12'X40')
15	-	HEAVY LINE (10'X30')
200	-	TOTAL

TRANSIT

INITIAL PHASE (2008)	FUTURE PHASE (2010-2036)	
101	24	BUS SPACES (12'X40')
29	-	VAN SPACES (12'X40')
13	-	REGULAR VEHICLE SPACES (9'X19')
2	-	DOWN LINE SPACES (12'X40')
145	24	TOTAL
345	24	VEHICLE STORAGE GRAND TOTAL (PW AND TRANSIT)

IMPERVIOUS AREA IN S.U.P. BOUNDARY

BUILDINGS	[illegible] S.F.
VEHICLE AND COVERED STORAGE	13,000 S.F.
VEHICLE CIRCULATION AREAS	[illegible] S.F.
VEHICLE STORAGE AREAS	[illegible] S.F.
COVERED VEHICLE STORAGE AREAS	14,000 S.F.
SIDEWALKS/MISC. AREAS	[illegible] S.F.
TOTAL	[illegible] S.F. (SEE NOTE)
MILLHOUSE ROAD (PUBLIC R.O.W.)	10,020 S.F.

BUILDING SUMMARY

PUBLIC WORKS	INITIAL PHASE (2008)	FUTURE PHASE (2010-2036)
INTERNAL SERVICES	11,335 SF	2,675 SF
OPERATIONS	36,100 SF	6,120 SF
FLEET MAINTENANCE	32,700 SF	3,748 SF
ADMINISTRATION/SHARED AREAS	16,280 SF	1,800 SF
SUPPLIES STORAGE	3,000 SF	3,000 SF
FUEL BUILDING	600 SF	-
TRUCK AND SNOWPLOW WASH	3,000 SF	-
PUBLIC WORKS TOTAL	103,015 SF	17,343 SF
F.A.R.	(71,015 SF)	(13,668 SF) F.A.R.
TRANSPORTATION		
ADMINISTRATION & OPERATIONS	16,300 SF	-
MAINTENANCE DIVISION	34,010 SF	2,400 SF
FUEL BUILDING	1,004 SF	-
BUS WASH	1,000 SF	-
TRANSPORTATION TOTAL	52,314 SF	2,400 SF
F.A.R.	(41,724 SF)	(0 SF) F.A.R.
SUBTOTAL (P.W. & TRANS.)	155,700 SF	21,833 SF = 176,532 SF
*SUBTOTAL F.A.R.	(113,349 SF)	(13,668 SF) = (127,034 SF)
FUTURE TOWN BUILDING		50,000 SF
		F.A.R. (50,000 SF)
GRAND TOTAL	155,700 SF	71,833 SF = 226,532 SF
*GRAND TOTAL F.A.R.	(113,349 SF)	(63,668 SF) = (177,034 SF)

*NOTE: F.A.R. SQUARE FOOTAGE INCLUDES AREAS OUTSIDE OF MAINTENANCE AND WASH BAYS AS DEFINED PER TOWN ORDINANCE.

SCALE: 1" = 60'-0"

CORLEY REDFOOT ZACK INC.
ARCHITECTS · ENGINEERS · SURVEYORS
PO Box 1346, Chapel Hill, North Carolina 27514 · 919-942-[illegible]

TOWN OPERATIONS CENTER FOR THE TOWN OF CHAPEL HILL

MILLHOUSE ROAD
CHAPEL HILL, NORTH CAROLINA

no. revisions

drawn checked
DAR MLB

SPECIAL USE PERMIT
P.W. SITE PLAN

C2.1
of total

project no. 6236

date 10/20/04

S.U.P. SUBMITTAL 10/20/04

20' TYPE C BUFFER REQUIRED, 30' BUFFER PROPOSED

MATCH LINE SEE SHEET C2.1

EPHEMERAL STREAM

30' TYPE C BUFFER PROPOSED

20' TYPE C BUFFER REQUIRED, 30' BUFFER PROPOSED

30' BUFFER REQUIRED, 50' BUFFER PROPOSED

NOTE: SEE SHEET C2.1 FOR LOCATIONS OF SIGNIFICANT TREE STANDS

INTERMITTENT STREAM

RCD

20' TYPE C BUFFER REQUIRED 50' BUFFER PROPOSED

RCD 150' FROM PERENNIAL STREAM

PERENNIAL STREAM

30' TYPE C BUFFER REQUIRED, 50' BUFFER PROPOSED

30' TYPE C BUFFER REQUIRED & PROPOSED

SCALE: 1" = 60'-0"

IMPERVIOUS AREA IN S.U.P. BOUNDARY:

BUILDINGS	135,400 S.F.
CANOPIES AND COVERED STORAGE	13,300 S.F.
VEHICLE CIRCULATION AREAS	446,900 S.F.
VEHICLE STORAGE AREAS	164,415 S.F.
COVERED VEHICLE STORAGE AREAS	10,300 S.F.
SIDEWALK/MISC. AREAS	55,300 S.F.
TOTAL	825,615 S.F. (18.95 AC.)
	16,930 S.F.

MILLHOUSE ROAD (PUBLIC R.O.W.)

NOTES:

1. EXISTING CONDITIONS WITHIN SITE PROPERTY LINE ARE PROVIDED BY FRIENDLY LAND SURVEYS, INC., SURVEYED DATED JANUARY 27, 2003. TOPO AND EXISTING TREES DATED FEBRUARY 27, 2003. 113 WEST MAIN STREET, P.O. BOX 160, CARRBORO, NC 27510, PH: 919.929.9000.
2. EXISTING PROPERTY LINES, OUTSIDE SITE PROPERTY, AND ORANGE COUNTY ZONING BASED ON AERIAL TOPOGRAPHY PROVIDED BY ORANGE COUNTY LAND RECORDS DATED SEPTEMBER 11, 1992 AND SUPPLEMENTED JAN. 2002. TOWN OF CHAPEL HILL ZONING MAP ON CHAPEL HILL GIS DATED JULY 30, 2003.
3. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BIDDING PROJECT.
4. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
5. UNLESS NOTED OTHERWISE, AREAS DESIGNATED AS LATER PHASE DEVELOPMENT WILL BE REMOVED DURING THE INITIAL PHASE.
6. AREAS REFERENCING THIS NOTE WILL BE LEFT UNDISTURBED UNTIL ACTUAL CONSTRUCTION OF THE LATER PHASE.
7. FUTURE DRIVEWAY EASEMENT TO BE CLEARED AND GRADED WITH INITIAL PHASES IN AREAS DESIGNATED ON THE PLAN.

LEGEND

- SPECIAL USE PERMIT BOUNDARY
- APPLICANT PROPERTY LINE (NOT PART OF S.U.P.)
- PROPOSED CHAIN LINK SECURITY FENCE
- PROPOSED SCREENING FENCE
- EXISTING STRUCTURES
- PROPOSED STRUCTURES
- PROPOSED CANOPY/COVERED STORAGE
- LATER PHASE DEVELOPMENT
- EXISTING SPECIMEN TREES

PARKING SUMMARY:

PUBLIC WORKS

INITIAL PHASE (2005)	FUTURE PHASE (2010-2025)	
127	40	EMPLOYEE SPACES (9.5'X19.0')
16	-	VISITOR SPACES (9.5'X19.0')
8	-	MOTORCYCLE SPACES (4.5'X9.0')
4	-	VAN ACCESSIBLE SPACES (9.5'X19.0' WITH 8.0' AISLE)
155	40	TOTAL

TRANSIT

INITIAL PHASE (2005)	FUTURE PHASE (2010-2025)	
127	39	EMPLOYEE SPACES (9.5'X19.0')
8	-	VISITOR SPACES (9.5'X19.0')
1	-	VAN ACCESSIBLE SPACES (9'X19' WITH 8' AISLE)
4	-	REGULAR ACCESSIBLE SPACES (9'X19' WITH 5' AISLE)
140	39	TOTAL
295	65	PARKING GRAND TOTAL (PW AND TRANSIT)

CLOSE JOHN DRIVE

INITIAL PHASE (2005)	FUTURE PHASE (2010-2025)	
-	29	EMPLOYEE/VISITOR SPACES (9.5'X19.0')
-	2	VAN ACCESSIBLE SPACES (9.5'X19.0' WITH 8.0' AISLE)
-	31	TOTAL

VEHICLE STORAGE SUMMARY:

PUBLIC WORKS

INITIAL PHASE (2005)	FUTURE PHASE (2010-2025)	
24	-	COVERED SMALL SPACES (10'X20')
63	-	MEDIUM SPACES (10'X20')
18	-	COVERED MEDIUM SPACES (10'X20')
63	-	LARGE SPACES (10'X20')
14	-	COVERED LARGE SPACES (12'X20')
14	-	EXTRA LARGE SPACES (12'X20')
16	-	MEDIUM DOWN LINE (10'X20')
16	-	EXTRA LARGE DOWN LINE (12'X20')
12	-	HEAVY LIMP (10'X20')
240	0	TOTAL

TRANSIT

INITIAL PHASE (2005)	FUTURE PHASE (2010-2025)	
10	24	BUS SPACES (14'X40')
20	-	VAN SPACES (10'X20')
15	-	COVERED VEHICLE SPACES (9'X20')
45	-	BUS LINE SPACES (10'X40')
90	24	TOTAL
330	24	VEHICLE STORAGE GRAND TOTAL (PW AND TRANSIT)

BUILDING SUMMARY:

PUBLIC WORKS	INITIAL PHASE (2005)	FUTURE PHASE (2010-2025)
INTERNAL SERVICES	11,235 S.F.	2,875 S.F.
OPERATIONS	35,181 S.F.	6,130 S.F.
FLEET MAINTENANCE	32,720 S.F.	3,740 S.F.
ADMINISTRATION/SHARED AREAS	10,050 S.F.	1,550 S.F.
SUPPLIES STORAGE	3,600 S.F.	3,600 S.F.
BUS BAYS	800 S.F.	-
TRUCK AND EQUIPMENT WASH	3,000 S.F.	-
PUBLIC WORKS TOTAL	96,586 S.F.	18,835 S.F.
F.A.R.	(71,096 S.F.)	(13,865 S.F.) F.A.R.
TRANSPORTATION		
ADMINISTRATION & OPERATIONS	10,650 S.F.	-
MAINTENANCE DIVISION	34,079 S.F.	2,400 S.F.
FUEL ISLANDS	1,984 S.F.	-
BUS BAYS	1,021 S.F.	-
TRANSPORTATION TOTAL	47,734 S.F.	2,400 S.F.
F.A.R.	(41,734 S.F.)	(0 S.F.) F.A.R.
SUBTOTAL (P.W. & TRANS.)	134,786 S.F.	21,633 S.F. = 156,419 S.F.
F.A.R.	(113,340 S.F.)	(13,865 S.F.) = (127,205 S.F.)
FUTURE BUS BAYS		10,000 S.F.
F.A.R.		(10,000 S.F.)
GRAND TOTAL	134,786 S.F.	31,633 S.F. = 166,419 S.F.
GRAND TOTAL F.A.R.	(113,340 S.F.)	(23,865 S.F.) = (137,205 S.F.)

*NOTE: F.A.R. SQUARE FOOTAGE INCLUDES AREAS OUTSIDE OF MAINTENANCE AND WASH BAYS AS DEFINED PER TOWN ORDINANCE.

CORLEY REDFOOT ZACK

TOWN OPERATIONS CENTER FOR THE TOWN OF CHAPEL HILL

MILLHOUSE ROAD CHAPEL HILL, NORTH CAROLINA

no. revisions

drawn checked

date

SPECIAL DEPARTMENT TRANSPORTATION SITE PLAN

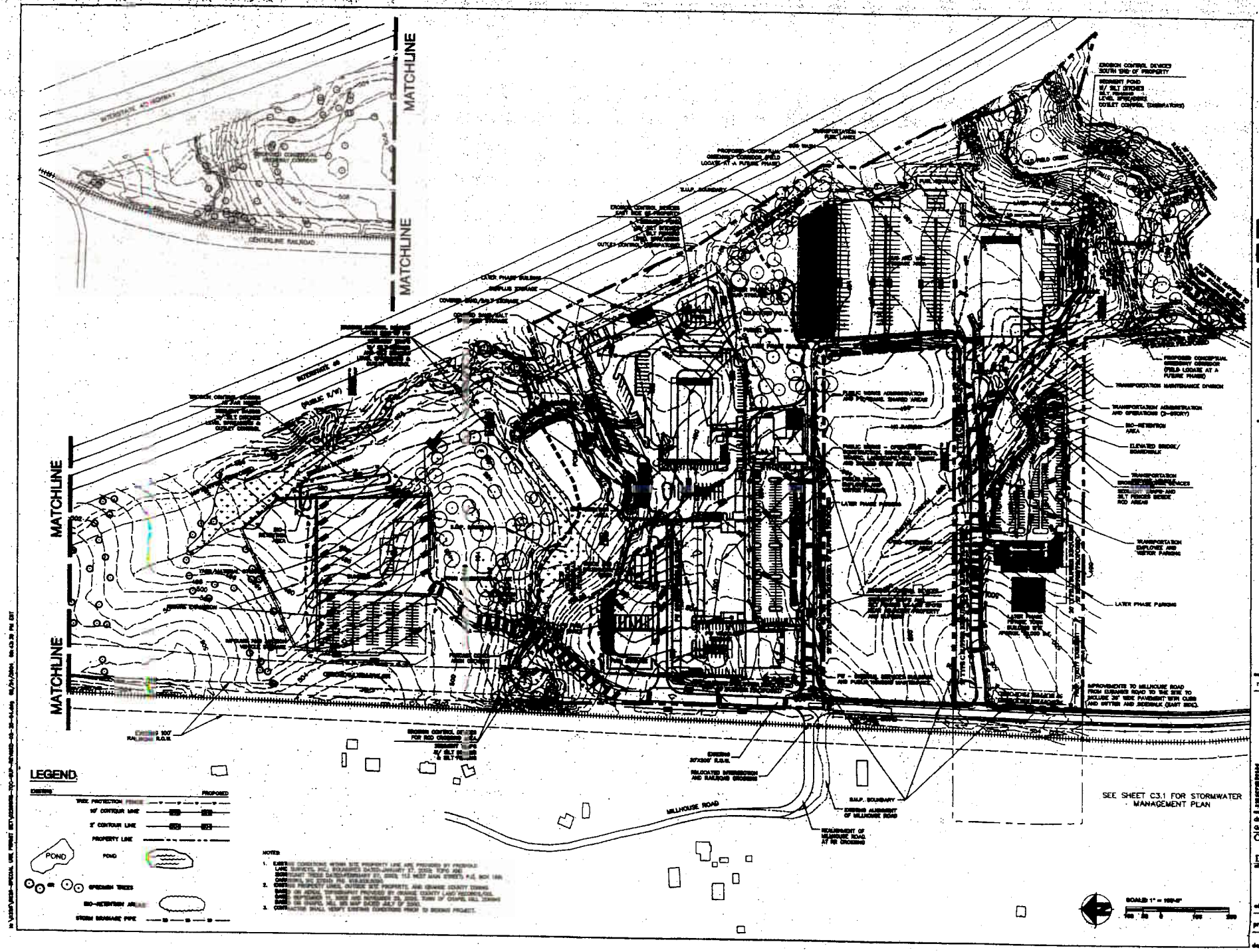
C2.2

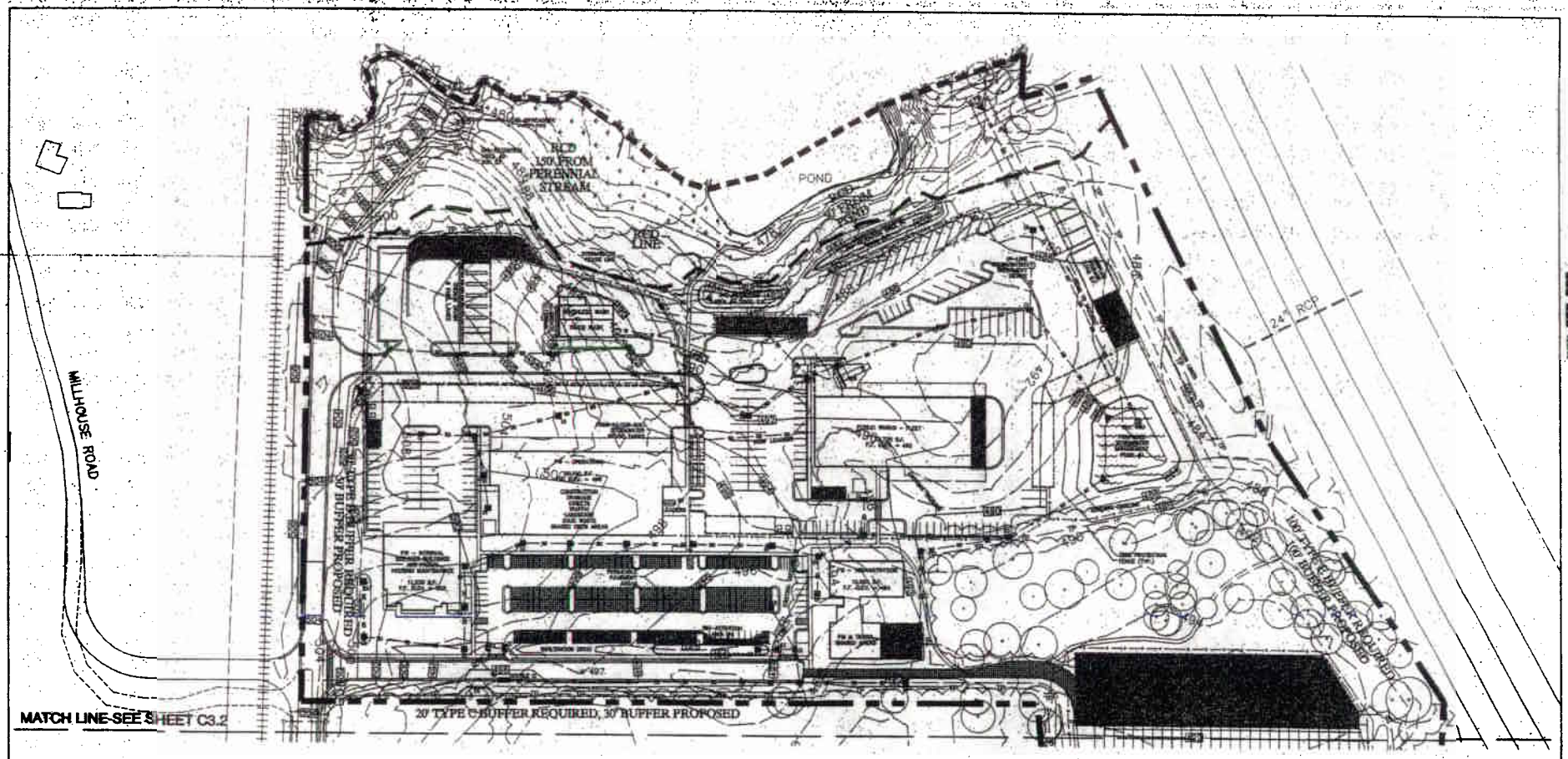
of total

project no. 6226

date 02/25/04

S.U.P. SUBMITTAL-SEPARATE


MATCHLINE
MATCHLINE
MATCHLINE
MATCHLINE
INTERSTATE 40 (PUBLIC R/W)
CENTERLINE RAILROAD
MILLHOUSE ROAD
SEE SHEET C3.1 FOR STORMWATER MANAGEMENT PLAN
LEGEND
EXISTING
PROPOSED
TREE PROTECTION FENCE
10' CONTOUR LINE
2' CONTOUR LINE
PROPERTY LINE
POND
SPECIMEN TREES
BIO-RETENTION AREAS
STORM DRAINAGE PIPE
NOTES
CORLEY REDFOOT ZACK
TOWN OPERATIONS CENTER FOR
THE TOWN OF CHAPEL HILL
MILLHOUSE
CHAPEL HILL, NORTH CAROLINA
COMPREHENSIVE GRADING AND DRAINAGE PLAN
C3.0



LEGEND

EXISTING		PROPOSED
	TREE PROTECTION FENCE	TP TP
	10' CONTOUR LINE	
	2' CONTOUR LINE	
	PROPERTY LINE	
POND	POND	
	STORM DRAINAGE PIPE	SD SD
	TREE LINE	
	SPECIMEN TREE	
	PERMEABLE PAVEMENT	
	BIO-RETENTION AREA	
	LATER PHASE DEVELOPMENT	

NOTES:

1. EXISTING CONDITIONS WITHIN SITE PROPERTY LINE ARE PROVIDED BY FRIDHOLM LAND SURVEYS, INC., SEDGEWOOD DATED JANUARY 07, 2003, TOPO AND SIGNIFICANT TREES DATED FEBRUARY 07, 2003, 113 WEST MAIN STREET, P.O. BOX
2. EXISTING PROPERTY LINES, OUTSIDE SITE PROPERTY, AND ORANGE COUNTY ZONING BASED ON AERIAL TOPOGRAPHY PROVIDED BY ORANGE COUNTY LAND RESOURCES, DATED SEPTEMBER 13, 2002 AND NOVEMBER 23, 2003, TOWN OF CHAPEL HILL ZONING BASED ON MAPPING, HILL SIE MAP DATED JULY 07 2003.
3. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING PROJECT.

TOTAL DISTURBED AREA IN ROD:

NORTHERN ROD:	0.48 AC.
SOUTHERN ROD:	0.40 AC.
NORTHERN BOD:	1.62 AC.
TOTAL:	1.91 AC.

CORLEY REDFOOT ZACK

TOWN OPERATIONS CENTER FOR THE TOWN OF CHAPEL HILL

MILL ROAD
CHAPEL HILL, NORTH CAROLINA

no. revisions

drawn GAE checked MLH

ENLARGED P.W. GRADING AND DRAINAGE PLAN

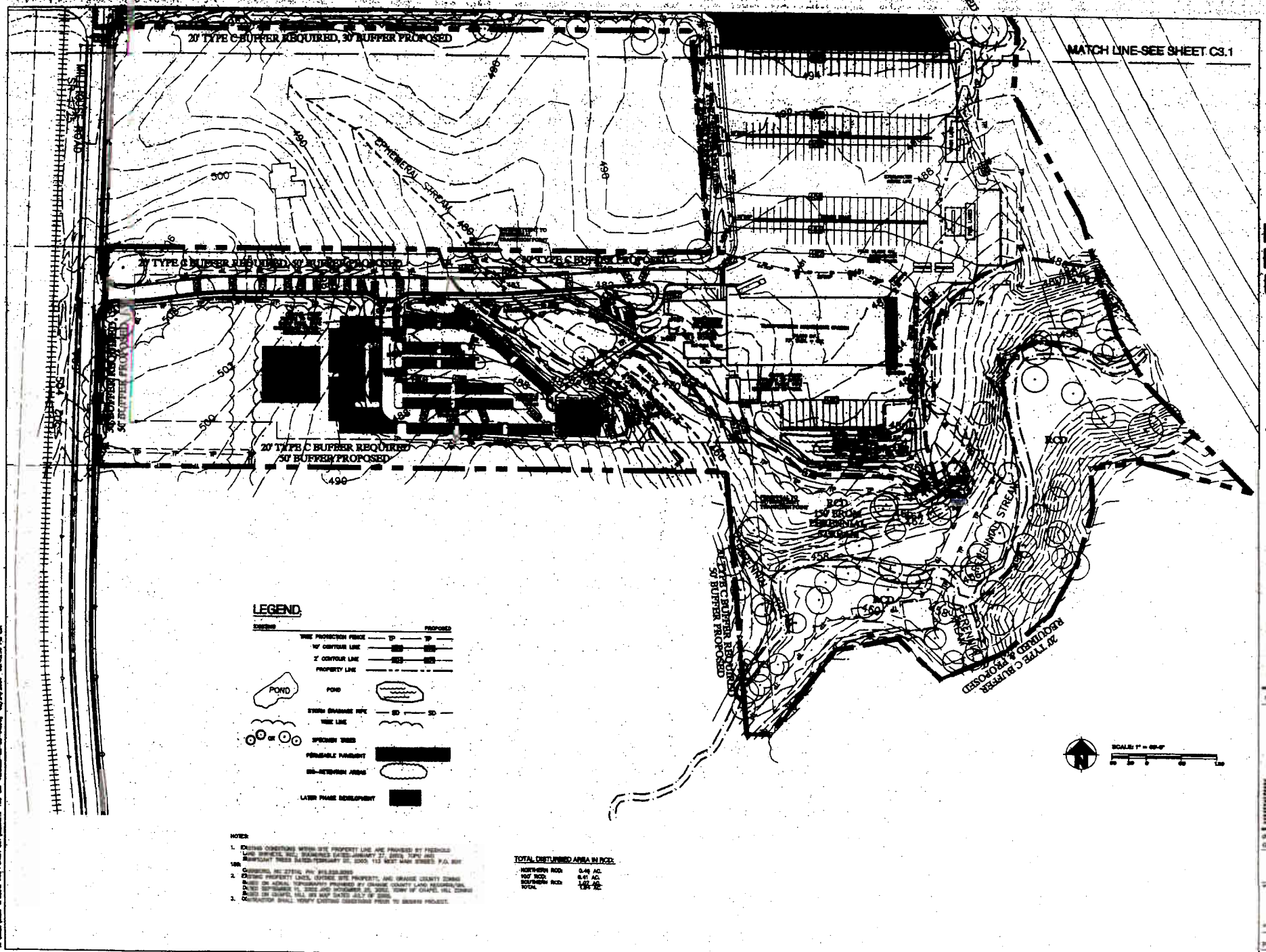
C3.1

of total

project no.

date 03/25/04

S.U.P. SUBMITTAL 03/25/04



CORLEY REDFOOT ZACK

TOWN OPERATIONS CENTER FOR
THE TOWN OF CHAPEL HILL

MILLHOUSE ROAD
CHAPEL HILL, NORTH CAROLINA

no. revisions

drawn GAR checked MLH

ENLARGED TRANSPORTATION GRADING AND DRAINAGE PLAN

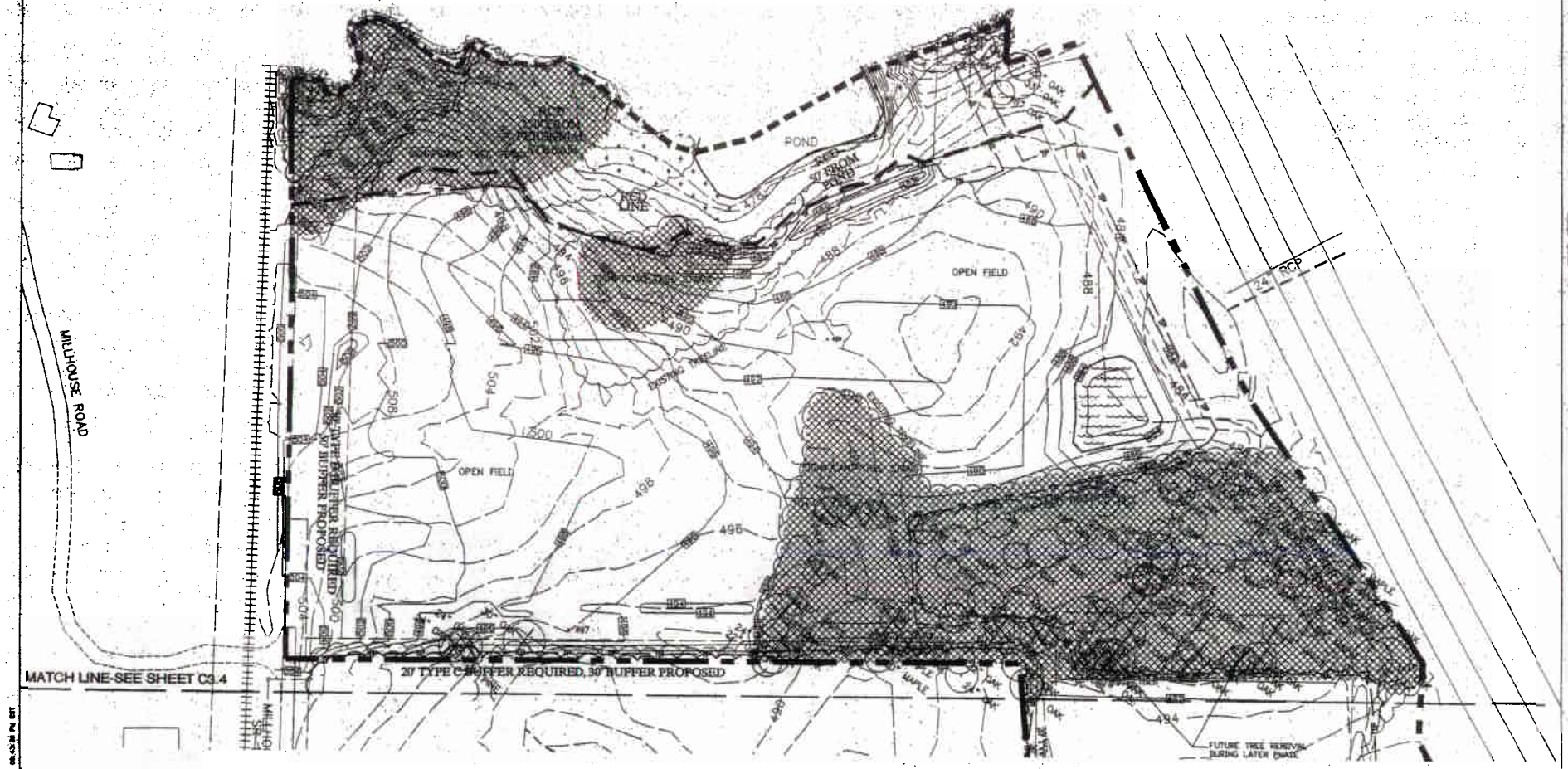
sheet C3.2

of total

project no. 0224

date 02/25/04

S.U.P. SUBMITTAL 02/25/04

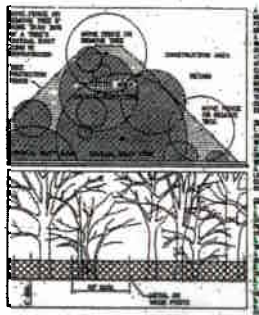


LEGEND

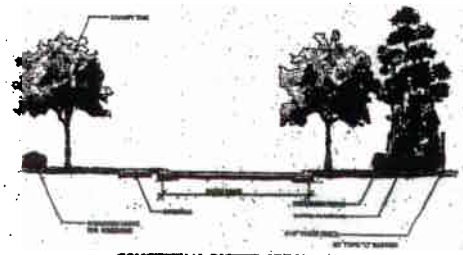
EXISTING		PROPOSED
510	10' CONTOUR LINE	
504	2' CONTOUR LINE	
	PROPERTY LINE	
POND	POND	
	TREE LINE	
22" OAK	RARE/SPECIMEN TREES	
22" OAK	SPECIMEN TREES TO BE REMOVED	
	TREE PROTECTION FENCE	TP TP
	SIGNIFICANT TREE STAND	

NOTES:

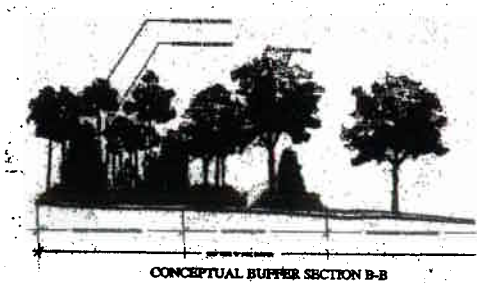
1. EXISTING CONDITIONS WITHIN SITE PROPERTY LINE ARE PROVIDED BY FRESHOLD LAND SURVEYS, INC., BOUNDARY DATED JANUARY 27, 2005, TOPO AND SIGNIFICANT TREES DATED FEBRUARY 28, 2005. 112 WEST MAIN STREET, P.O. BOX 1365 CHAPELHILL, NC 27514, PH: 919-929-2000.
2. EXISTING PROPERTY LINES, OUTSIDE SITE PROPERTY, AND ORANGE COUNTY ZONING BASED ON REGIONAL TOPOGRAPHY PROVIDED BY ORANGE COUNTY LAND RECORDS/GIS, DATED SEPTEMBER 15, 2003 AND NOVEMBER 20, 2003. TOWN OF CHAPEL HILL ZONING BASED ON CHAPEL HILL GIS MAP DATED JULY 07 2004.
3. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BIDDING PROJECT.



TREE PROTECTION FENCING - TOWN OF CHAPEL HILL



CONCEPTUAL BUFFER SECTION A-A



CONCEPTUAL BUFFER SECTION B-B

SCALE: 1" = 60'-0"

CORLEY REDFOOT ZACK
ARCHITECTS ENGINEERS PLANNERS
PO Box 3365 Chapel Hill, North Carolina 919 929 1555

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TOWN OPERATIONS CENTER FOR
THE TOWN OF CHAPEL HILL
MILLHOUSE ROAD
CHAPEL HILL, NORTH CAROLINA

no. revision

drawn CKR
checked MLR

LANDSCAPE PROTECTION PLAN I

sheet C3.3
of total

project no. 0226
date 05/2004

S.U.P. SUBMITTAL 05/2004

20' TYPE C BUFFER REQUIRED, 30' BUFFER PROPOSED

MATCH LINE-SEE SHEET C9.3

EPHEMERAL STREAM

FUTURE TREE REMOVAL DURING LATER PHASE

SIGNIFICANT TREE STAND OFF SITE

OPEN FIELD W/KUDZU

TYPE C BUFFER REQUIRED 40' BUFFER PROPOSED

20' TYPE C BUFFER PROPOSED

EXISTING PIPELINE

PROPOSED PIPELINE

SIGNIFICANT TREE STAND

20' TYPE C BUFFER REQUIRED 50' BUFFER PROPOSED

20' TYPE C BUFFER REQUIRED 50' BUFFER PROPOSED

20' TYPE C BUFFER REQUIRED 50' BUFFER PROPOSED

SCALE: 1" = 60'-0"

LEGEND

EXISTING		PROPOSED
510	10' CONTOUR LINE	
504	2' CONTOUR LINE	
	PROPERTY LINE	
POND	POND	
	TREE LINE	
30" OAK	OAK/SPECIMEN TREES	
30" OAK	SPECIMEN TREES TO BE REMOVED	
	TREE PROTECTION FENCE	
	SIGNIFICANT TREE STAND	

NOTES:

1. [illegible]
2. [illegible]
3. [illegible]

TREE PROTECTION FENCING - TOWN OF CHAPEL HILL

CORLEY REDFOOT ZACK

ARCHITECTURE • PLANNING

PO Box 1248, Chapel Hill, North Carolina 919-929-5000

64

TOWN OPERATIONS CENTER FOR THE TOWN OF CHAPEL HILL

MILLHOUSE ROAD
CHAPEL HILL, NORTH CAROLINA

no. revisions

drawn: checked:
date: MLH

LANDSCAPE PROTECTION PLAN 2

C3.4

sf total

project no. 0226

date 02/25/04

S.U.P. SUBMITTAL 02/25/04

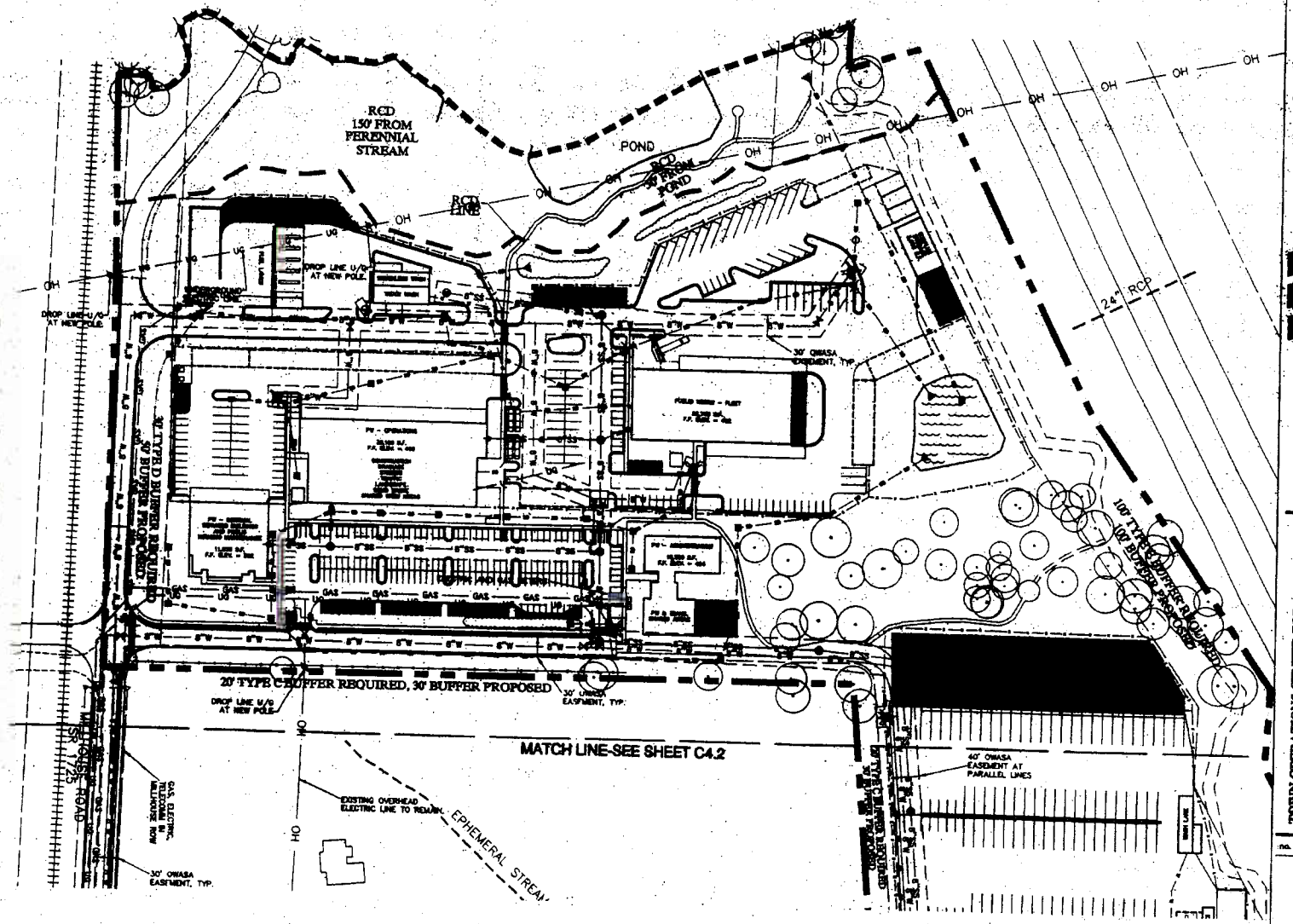
TOWN OPERATIONS CENTER FOR
THE TOWN OF CHAPEL HILL
MILLSTONE ROAD
CHAPEL HILL, NORTH CAROLINA

COMPREHENSIVE UTILITY PLAN

C4.0

CORLEY REDFOOT ZACK

65



LEGEND

EXISTING		PROPOSED
	SPECIAL USE PERMIT BOUNDARY	
	GAS LINE	GAS
	WATER LINE	W
	FIRE HYDRANT	
	WATER VALVE	W
	SEWER LINE	SS
	SEWER FORCE MAIN	FM FM
	SEWER MANHOLE	
	SEWER CLEAN-OUT	
(OVERHEAD) OH	ELECTRIC LINE	UG (UNDER GROUND)
	UTILITY EASEMENT	
	PROPERTY LINE	
	EXISTING DEPOSITORIES	
	STREAM	

NOTES:

1. EXISTING CONDITIONS WITHIN SITE PROPERTY LINE ARE PROVIDED BY FIRENZELA LAND SURVEYS, INC. SUBMITTED DATED JANUARY 27, 2003, SURVEY FOR COMPLIANT TRUCK EXPANSION-FEBRUARY 07, 2003, 115 WEST MAIN STREET, P.O. BOX 160, CARRBORO, NC 27510. PH. 919-929-3005
2. EXISTING PROPERTY LINES, OUTSIDE SITE PROPERTY, AND ORANGE COUNTY ZONING BASED ON AERIAL TOPOGRAPHY PROVIDED BY ORANGE COUNTY LAND RECORDS, DATED SEPTEMBER 11, 2000 AND REVISED JUL 2002, TOWN OF CHAPEL HILL ZONING BASED ON ZONING MAP, SEE BELOW, DATED JULY OF 2002.
3. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING PROJECT.

CORLEY REDFOOT ZACK, INC.
ARCHITECTS, ENGINEERS, PLANNERS
PO Box 2546, Chapel Hill, North Carolina 919-942-1042

TOWN OPERATIONS CENTER FOR
THE TOWN OF CHAPEL HILL
MILLHOUSE ROAD
CHAPEL HILL, NORTH CAROLINA

no. revisions

drawn: DAR
checked: MLH

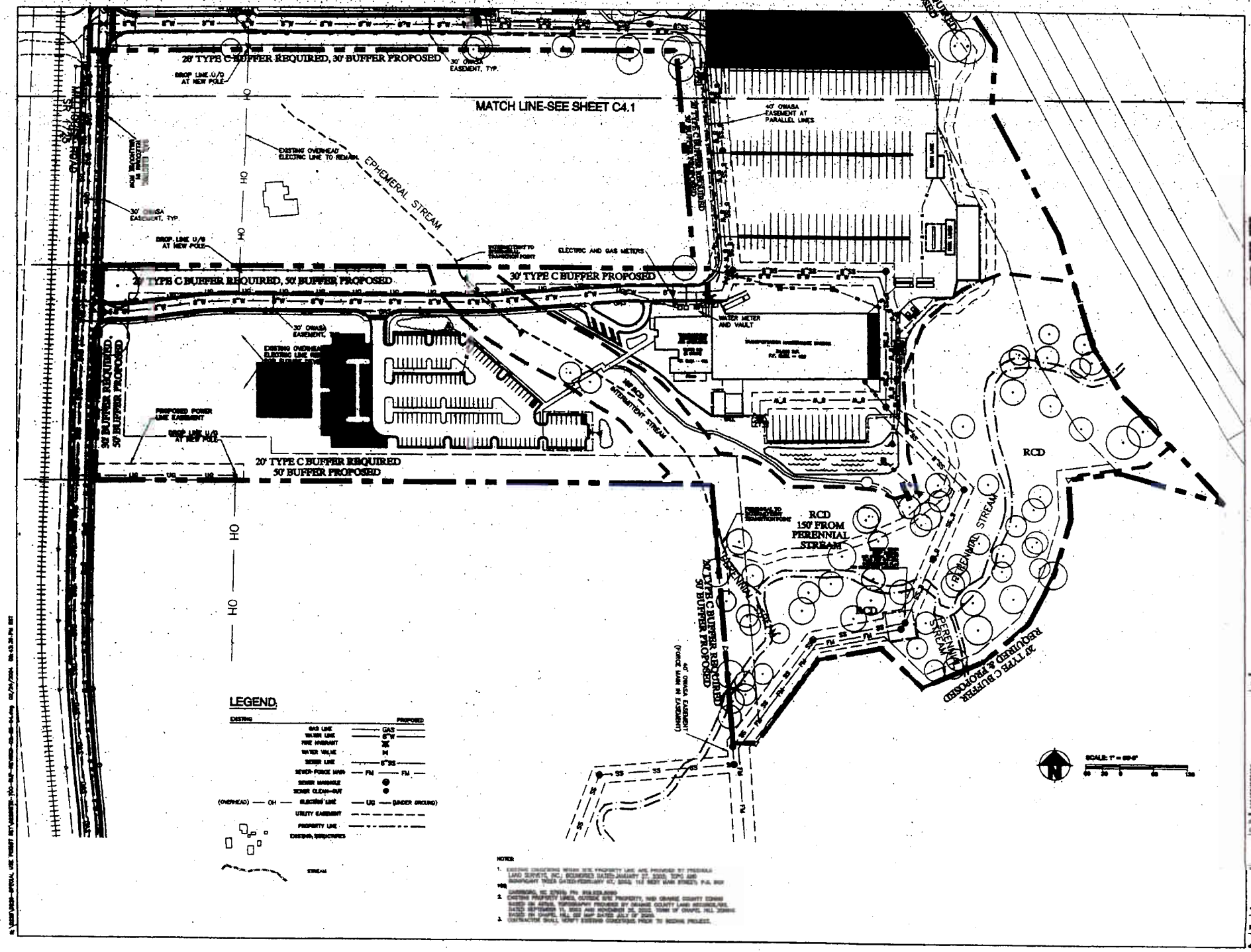
ENLARGED P.W.
UTILITY PLAN

sheet
C4.1
of total

project no. 0226

date 02/25/04

S.U.P. SUBMITTAL COMMENTS



CORLEY REDFOOT ZACK

TOWN OPERATIONS CENTER FOR THE TOWN OF CHAPEL HILL

MILL ROAD
CHAPEL HILL, NORTH CAROLINA

no. revisions

drawn GAR checked MCB

ENLARGED TRANSIT UTILITY PLAN

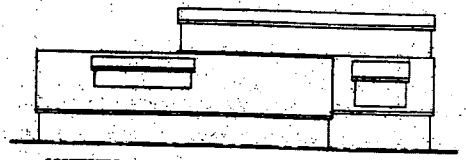
C4.2

project no. 0026

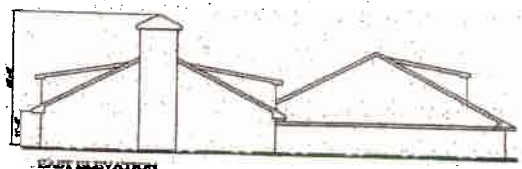
date 02/26/04

S.U.P. SUBMITTAL 02/26/04

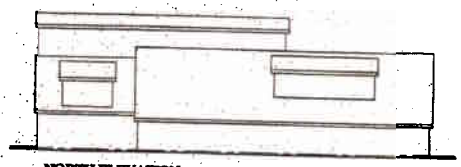
WEST ELEVATION
PUBLIC WORKS - ADMINISTRATION
SCALE: 1/16" = 1'-0"



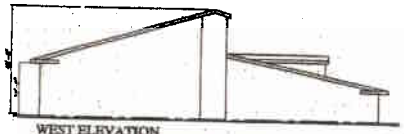
SOUTH ELEVATION
PUBLIC WORKS - ADMINISTRATION
SCALE: 1/16" = 1'-0"



EAST ELEVATION
PUBLIC WORKS - ADMINISTRATION
SCALE: 1/16" = 1'-0"

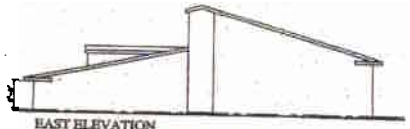


NORTH ELEVATION
PUBLIC WORKS - ADMINISTRATION
SCALE: 1/16" = 1'-0"

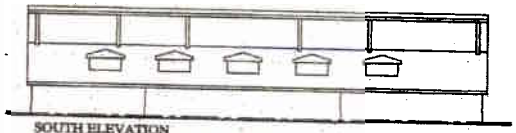


WEST ELEVATION
PUBLIC WORKS - INTERNAL SERVICES
SCALE: 1/16" = 1'-0"

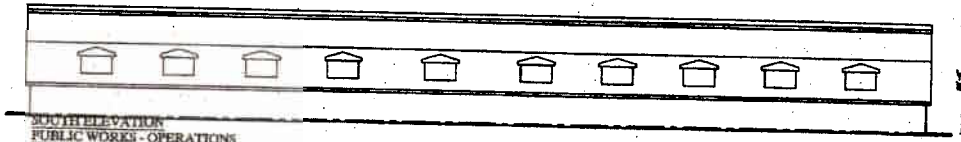
NORTH ELEVATION
PUBLIC WORKS - INTERNAL SERVICES
SCALE: 1/16" = 1'-0"



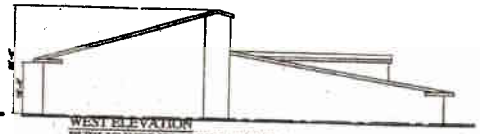
EAST ELEVATION
PUBLIC WORKS - INTERNAL SERVICES
SCALE: 1/16" = 1'-0"



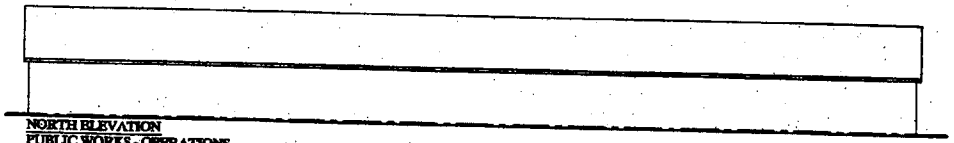
SOUTH ELEVATION
PUBLIC WORKS - INTERNAL SERVICES
SCALE: 1/16" = 1'-0"



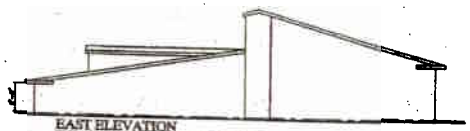
SOUTH ELEVATION
PUBLIC WORKS - OPERATIONS
SCALE: 1/16" = 1'-0"



WEST ELEVATION
PUBLIC WORKS - OPERATIONS
SCALE: 1/16" = 1'-0"



NORTH ELEVATION
PUBLIC WORKS - OPERATIONS
SCALE: 1/16" = 1'-0"



EAST ELEVATION
PUBLIC WORKS - OPERATIONS
SCALE: 1/16" = 1'-0"

CORLEY REDFOOT ZACK
ARCHITECTURE INTERIORS PLANNING
PO Box 2445, Chapel Hill, North Carolina 919 942-5356

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TOWN OPERATIONS CENTER
TOWN OF CHAPEL HILL
CHAPEL NORTH CAROLINA

no. revisions

drawn TMT checked RBR

BUILDING ELEVATIONS 1

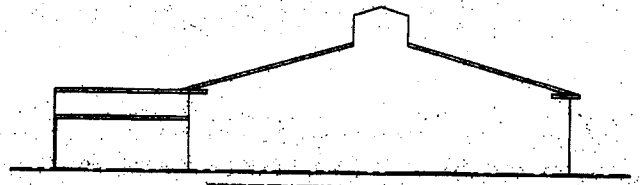
sheet A1.0

of total

project no. 0225

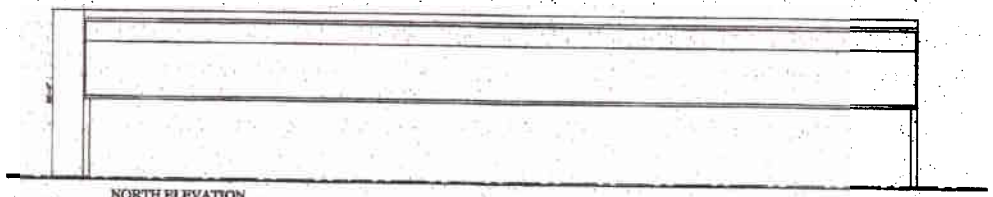
date 11/12/98

S.U.P. SUBMITTAL (revised)

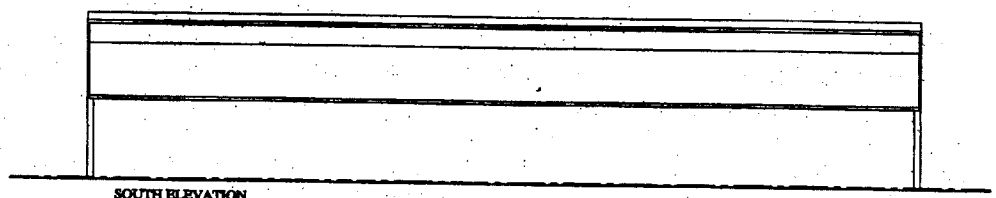


WEST ELEVATION
PUBLIC WORKS - FLEET
SCALE: 1/16" = 1'-0"

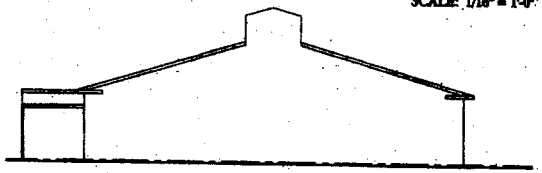
EAST ELEVATION
PUBLIC WORKS - FLEET
SCALE: 1/16" = 1'-0"



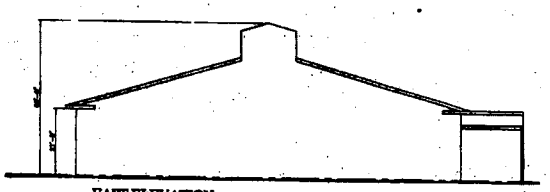
NORTH ELEVATION
PUBLIC WORKS - FLEET
SCALE: 1/16" = 1'-0"



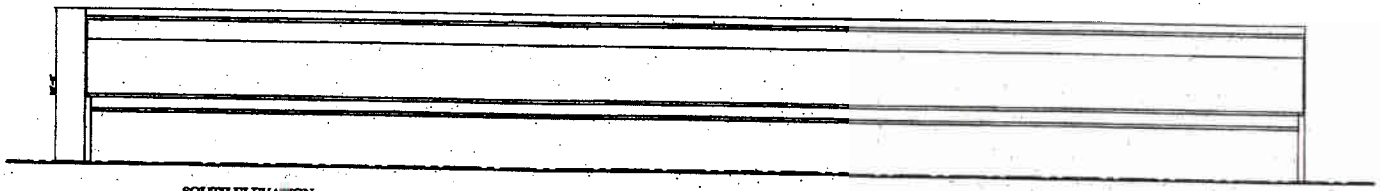
SOUTH ELEVATION
PUBLIC WORKS - FLEET
SCALE: 1/16" = 1'-0"



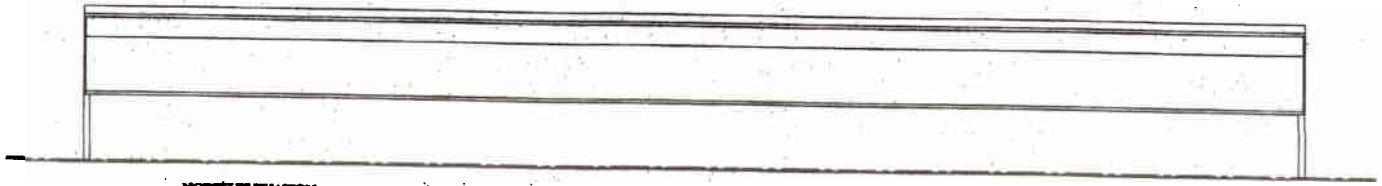
WEST ELEVATION
TRANSPORTATION DEPARTMENT
SCALE: 1/16" = 1'-0"



EAST ELEVATION
TRANSPORTATION DEPARTMENT
SCALE: 1/16" = 1'-0"



SOUTH ELEVATION
TRANSPORTATION DEPARTMENT
SCALE: 1/16" = 1'-0"



NORTH ELEVATION
TRANSPORTATION DEPARTMENT
SCALE: 1/16" = 1'-0"

CORLEY REDFOOT ZACK

TOWN OPERATIONS CENTER
TOWN OF CHAPEL HILL
CHAPEL HILL, NORTH CAROLINA

no. revisions

drawn DMCT checked EBH

BUILDING ELEVATIONS 2

A1.1

of total

project no. 0026

date 12/17/03

S.U.P. SUBMITTAL (03/04)

69