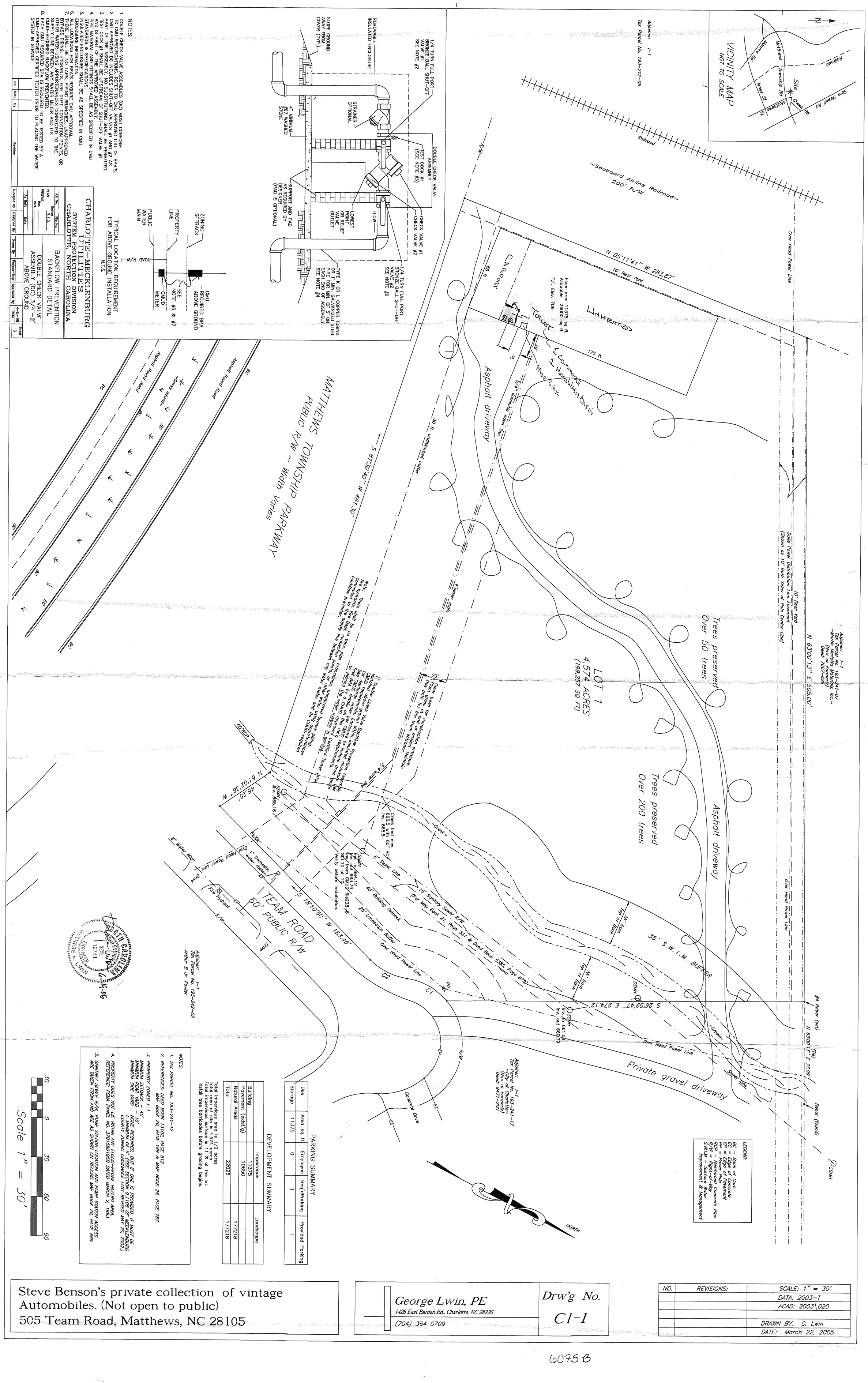


NOTES:

1. DOUBLE CHECK VALVE ASSEMBLIES (DC) MUST CONFORM TO CMU SPECIFICATIONS. REFER TO CMU APPROVED LIST OF BPA'S.
2. CMU APPROVED DC INCLUDES SHUT-OFF VALVES #1 AND #2 AS PART OF THE ASSEMBLY. NO SUBSTITUTIONS SHALL BE PERMITTED.
3. TEST COCK #1 SHALL BE UPSTREAM OF SHUT-OFF VALVE #1 AND IS PART OF THE APPROVED ASSEMBLY.
4. STANDARD MATERIAL AND FITTINGS SHALL BE AS SPECIFIED IN CMU STANDARDS & SPECIFICATIONS.
5. INSULATED ENCLOSURE SHALL BE AS SPECIFIED IN CMU ENCLOSURE INFORMATION.
6. ALL LOCATIONS FOR BPA'S REQUIRE CMU APPROVAL.
7. THERE SHALL BE NO TAPS, PIPING, BRANCHES, UNAPPROVED BYPASS PIPING, HYDRANTS, FIRE DEPT. CONNECTION POINTS, OR OTHER WATER-USING APPURTENANCES CONNECTED TO THE SUPPLY LINE BETWEEN ANY WATER METER AND ITS CMUD-REQUIRED BACKFLOW PREVENTER.
8. EACH CMU-REQUIRED BPA IS REQUIRED TO BE TESTED BY A CMU-APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE.

No.	Date	By	Revision

Surveyed By	
Designed By	
Drawn By	
Project Engr	
Approved By	
Date	4-5-99
Sheet	3

Job No. ____ File No. ____
Scales N.T.S.
PLAN
PROFILE Hor. ____ Vert. ____
As Built ____ Date ____

CHARLOTTE-MECKLENBURG UTILITIES
SYSTEM PROTECTION DIVISION
CHARLOTTE, NORTH CAROLINA

BACKFLOW PREVENTION STANDARD DETAIL

DOUBLE CHECK VALVE ASSEMBLY (DC) 3/4"-2" ABOVE GROUND

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 12741 GEORGE H. LWIN

DEVELOPMENT SUMMARY

	Impervious	Landscape
Building	11375	
Pavement (exist'g)	10650	
Natural Areas		177218
Total	22025	177218

Total impervious area is 1/2 acres
Total area of site is 4.574 acres
Total impervious surface is 11 % of the lot.
Install tree barricades before grading begins.

PARKING SUMMARY

Use	Area sq ft	Employee	Req'd Parking	Provided Parking
Storage	11375	0	1	1

NOTES:

1. TAX PARCEL NO. 193-241-12
2. REFERENCES: DEED BOOK 13102, PAGE 512
   MAP BOOK 26, PAGE 189 & MAP BOOK 28, PAGE 787
3. PROPERTY ZONED I-1
   MINIMUM SETBACK - 40'
   MINIMUM REAR YARD - 10'
   MINIMUM SIDE YARD - NONE REQUIRED, BUT IF ONE IS PROVIDED, IT MUST BE A MINIMUM OF 3' (SEE SECTION 9.1105 OF MECKLENBURG COUNTY ZONING ORDINANCE LAST REVISED MAY 20, 2002.)
4. PROPERTY DOES NOT LIE WITHIN ANY FLOOD-PRONE HAZARD AREA REFERENCE: FEMA PANEL NO. 3701580195B DATED MARCH 2, 1993
5. SANITARY SEWER R/W PUMP STATION LOCATION AND PUMP STATION ACCESS ARE TAKEN FROM AND ARE AS SHOWN ON RECORD MAP BOOK 26, PAGE 889.

Steve Benson's private collection of vintage Automobiles. (Not open to public)
505 Team Road, Matthews, NC 28105

George Lwin, PE
1426 East Barden Rd., Charlotte, NC 28226
(704) 364 0709

Drw'g No. C1-1

NO.	REVISIONS:	SCALE: 1" = 30'
		DATA: 2003-T
		ACAD: 2003\020
		DRAWN BY: C. Lwin
		DATE: March 22, 2005

6075 B