CCM-101

City of Cambridge

IN CITY COUNCIL

March 24, 1980

ORDERED:

That the Commissioner of Public Works be authorized to construct driveways over sidewalks in front of estates upon the streets as hereinafter named, the expense thereof to be charged to the appropriation for Public Works Department, Paving (Edgestones and Sidewalks). The entire cost of material and labor furnished to be repaid to the City by the owners of the abutting estates.

Medical Information Technology, Inc.	257 Bent Street (DISCONTINUANCE)
Medical Information Technology, Inc.	257 Bent Street - Sixth Street side (DISCONTINUANCE)
Medical Information Technology, Inc.	257 Bent Street - Sixth Street side (WIDENING)

In City Council March 24, 1980
Adopted by the affirmative vote of 8 members.
Attest: Paul E. Healy, City Clerk

A true copy,

ATTEST: Paul E. Healy

CITY OF CAMBRIDGE

INTEROFFICE CORRESPONDENCE

To Paul Healey, City Clerk **Date** March 10, 1980

From Lauren Preston, Traffic Engineer **Reference**

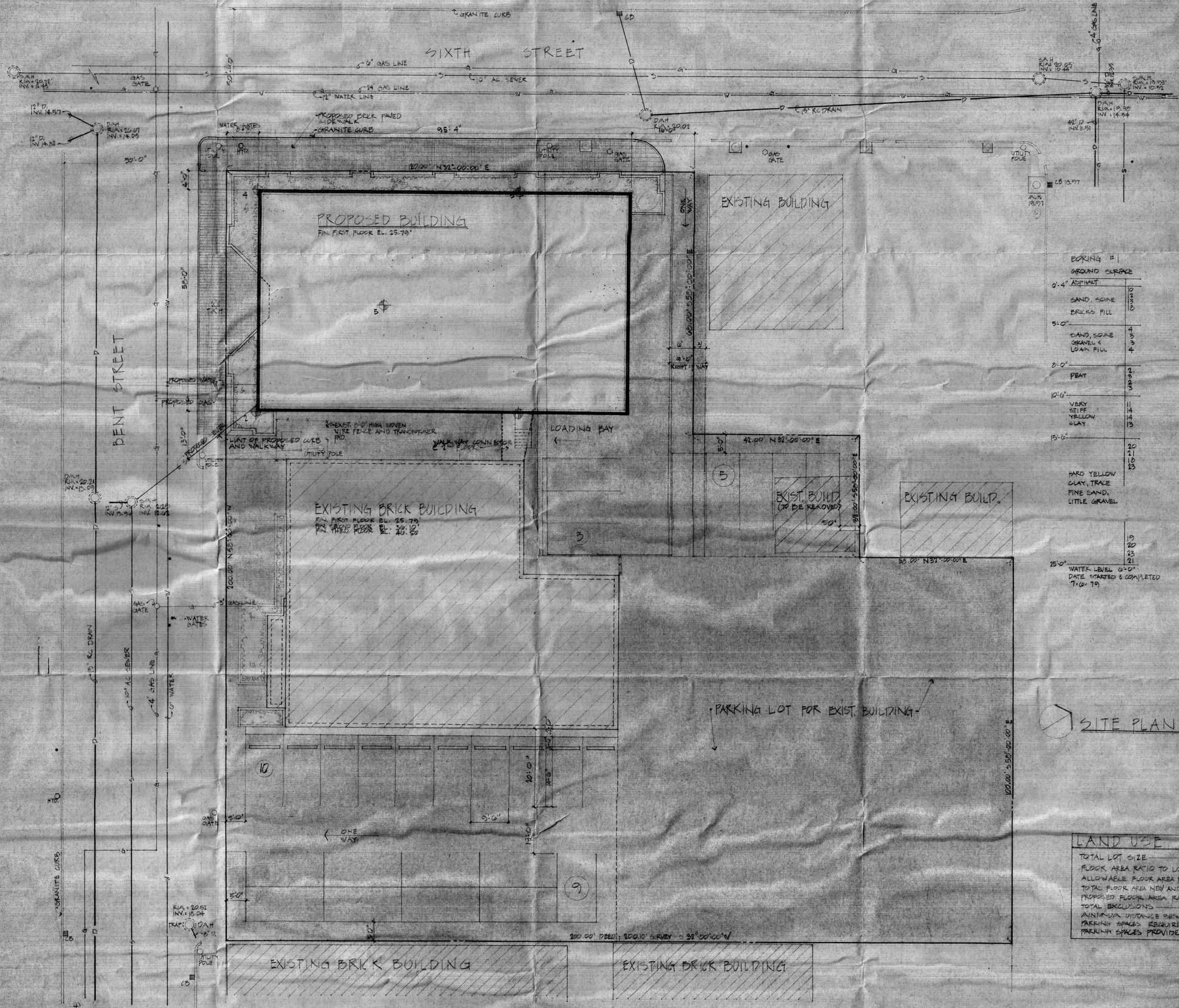
Subject Driveway on Sixth St. side of 257 Bent St.

We have reviewed the proposed changes in the driveways along the east side of Sixth Street as is shown on the enclosed site plan (L-1) for the MEDI - TECH Building at 257 Bent Street.

It is our recommendation that these changes be approved provided there is no violations of the Cambridge Zoning Ordinances or other legal complications.

LMP:rd

Enc.



BORING #1

GROUND SURFACE

0'-4"	ASPHALT	
	SAND, SOME BRICKS FILL	10
		12
		13
		10
5'-0"	SAND, SOME GRAVEL & LOAM FILL	4
		3
		3
		4
8'-0"	PEAT	2
		2
		2
		3
10'-6"	VERY STIFF YELLOW CLAY	11
		14
		14
		13
15'-6"	HARD YELLOW CLAY, TRACE FINE SAND, LITTLE GRAVEL	20
		21
		10
		23
		19
		20
		23
		21
25'-0"	WATER LB/BL 6'-0" DATE STARTED & COMPLETED 7-6-79	

BORING #2

GROUND SURFACE

0'-2"	ASPHALT	
	SAND, CINDERS ASHES, SOME LOAM FILL	5
		3
		4
		3
7'-0"	STIFF YELLOW CLAY	4
		5
		2
		2
		5
		6
		9
		9
14'-0"	VERY STIFF YELLOW CLAY, TRACE FINE SAND LITTLE GRAVEL	13
		14
		9
		8
	VERY DENSE FINE SAND & GRAVEL	20
		25
		29
		31
22'-0"		30
		31
		28
		20
	WATER LEVEL 5'-0" DATE STARTED & COMPLETED 7-5-79	

BORING #3

GROUND SURFACE

0'-0"	ASPHALT	
	SAND, SOME GRAVEL & BRICK FILL	16
		21
		30
		18
4'-0"	SAND, CINDERS ASHES & BRICK FILL	3
		2
		4
		3
7'-6"	PEAT	2
		1
		2
10'-0"		2
	DENSE FINE SAND, GRAV. TRACE OF CLAY	15
		16
		16
		17
12'-6"	VERY STIFF YELLOW CLAY	
		12
		12
		13
		14
17'-0"	HARD YELLOW CLAY, TRACE, FINE SAND LITTLE GRAVEL	
		15
		18
		20
		22
22'-0"	WATER 7'-6" DATE STARTED & COMPLETED 7-6-79	

BORING #4

GROUND SURFACE

0'-3"	ASPHALT	
	SAND, CINDERS ASPHALT & SOME GRAVEL FILL	5
		3
		3
		2
4'-0"	CINDERS & ASHES FILL	1
		2
		3
		2
7'-0"	PEAT, TRACE OF WOOD	1
		2
		2
9'-6"	VERY STIFF YELLOW CLAY	15
		19
		13
		15
14'-0"	VERY STIF YELLOW CLAY	12
		12
		13
		15
17'-6"	VERY STIFF YELLOW CLAY, TRACE FINE SAND, LITTLE GRAVEL	18
		19
		21
		25
	REFERAL (120 BLOWS, NO PENETRATION, OVER 300 LBS. WEIGHT)	
	WATER LEVEL 6'-0" DATE STARTED 7-5-79 COMPLETED 7-6-79	

BORING #5

GROUND SURFACE

0'-3"	ASPHALT	
	SAND, GRAVEL, ASPHALT, SOME BRICKS FILL	5
		7
		8
		2
4'-0"	CINDERS & ASHES FILL	3
		3
		2
		3
7'-0"	PEAT, TRACE OF WOOD	3
		4
		1
		4
9'-6"	CLAY, SAND, GRAVEL	8
10'-0"		13
	VERY STIFF YELLOW CLAY	8
		9
		14
20'-0"		6
		11
		13
		14
	VERY DENSE FINE SAND & GRAVEL, TRACE OF CLAY	30
		33
		32
		35
	MEDIUM SAND	33
		35
		31
		29
	WATER LEVEL 10'-0" DATE START & COMPLETED 7-5-79	

LAND USE

TOTAL LOT SIZE	33,344 SF
FLOOR AREA RATIO TO LOT	1.25
ALLOWABLE FLOOR AREA RATIO TO LOT	41,680 SF
TOTAL FLOOR AREA NEW AND OLD	38,749 SF
PROPOSED FLOOR AREA RATIO TO LOT	1.16
TOTAL EXCLUSIONS	2235 SF
MINIMUM DISTANCE BETWEEN BUILDS.	43'-0"
PARKING SPACES REQUIRED	27 SPACES
PARKING SPACES PROVIDED	27 SPACES

"U" FACTORS: (REQUIRED BY CODE)

$$\frac{\text{WALL AREA} \times .25U + \text{ROOF AREA} \times .07U}{\text{BUILDING ENVELOPE}} = \text{"U" VALUE}$$

$$\frac{12789 \text{ SF} \times .25 + 5433 \text{ SF} \times .07}{18,422 \text{ SF}}$$

$$\frac{3197 + 394}{18,422} = .194 = \text{"U" VALUE}$$

ACTUAL "U" VALUES:

$$\frac{\text{AREA} \times .055 + \text{WINDOWS} \times .50 + \text{ROOF SF} \times .06 + \text{ALUM. PANELS} \times .095 = \text{"U" BLDG. ENVELOPE}}{18422}$$

$$\frac{11191 \times .055 + 1286 \times .50 + 5433 \times .06 + 312 \times .04}{18422} = \text{"U" ACTUAL}$$

$$\frac{615 + 643 + 326 + 19}{18422} = \text{"U" ACTUAL}$$

$$\frac{1603}{18422} = .0877 = \text{"U" ACTUAL}$$

FOR FURTHER INFORMATION REFER TO SHEET A-2

revision
1 11-15-79 LR
2 11-28-79 LR
1 12-6-79 LR
1 1-15-80 LR
2 2-12-80 LR
2 2-15-80 LR

bdi building design inc.
30 BOSTON POST ROAD • WAYLAND, MASS.

title: SITE PLAN

project: MEDI-TECH
257 BENT ST.
CAMBRIDGE MA.

BY LR
DATE 10-29-79
SCALE SHOWN
CHK
APP.

sheet L-1

Cambridge, March 11 19 80

To the Honorable, the City Council of the

City of Cambridge:

The undersigned respectfully pray that a driveway for commercial use may be ~~constructed~~ DISCONTINUED and agrees to deposit with the City Treasurer the sum of seventy five ($75.00) dollars, subject to the following conditions, to wit: In case the amount so deposited is in excess of the cost of the driveway, the difference shall be refunded by the City Treasurer, but in case the cost of the driveway exceeds that deposit, said deposit shall be applied as a credit to the bill and the balance shall be paid to the City Treasurer within thirty days from the receipt of the bill.

Location of proposed driveway 351 Bent St. Street

Lawrence G. Polemeno Vice President for

Owner or Owners Name MEDICAL INFORMATION TECHNOLOGY, INC.

Address 255 BENT ST.

CAMBRIDGE, MASS 02141

Telephone Number 617-354-3000

Refundable Deposit

8.

PETITION H-29

of Medical Information Technology, Inc.
DISCONTINUANCE

for Driveway at premises

No. 257 Bent St.

March 24 **19**80

Location of driveway approved by

George Feso

Traffic Director

20 3/24/80
Order Adopted

In City Council, March 24 **19**80

Referred to the Committee on Roads and Bridges

Attest:

City Clerk