

Date 7/21/98

Permit No. 98-49

TOWN OF ACTON

APPLICATION FOR PERMIT TO CONSTRUCT WITHIN A PUBLIC WAY

This application must be submitted not less than five (5) days prior to any Construction within a public way.

Notice 24 hours in advance of any construction must be given to the Town Engineer.

- 1. Permittee: Northwest Excavating Address: 179 Green Rd Acton
- 1A. Telephone #: 264-4223
- 2. Location of Proposed Construction: STRAWBERRY HILL RD
- 3. Purpose of Construction: SIDEWALK
- 4. Length of Cut: 200 ft
- 5. Width of Cut: 4 ft
- 6. Width of Existing Pavement: 12 ft
- 7. Type of Existing Roadway Surface: PAVED Type of Curb: NONE
- 8. Type of Existing Sidewalk Surface: NONE Type of Shoulder: NONE
- 9. Date of Street Opening: From: To:
- 10. For Work Involving Excavations: Dig Safe Number 983001167

I, the undersigned, hereby declare that I have read and agree to the Town of Acton Specifications for Regulating Construction with Public Ways dated August 3, 1982. I have deposited the required bond with the Town of Acton, and I covenant and agree that the Town may deduct from this amount the cost of repairs to the road surface, curbs, shoulders, walls or other features within the right-of-way including replacing bounds if not completed by me to the satisfaction of the Town Engineer within the specified time.

Special Instructions: Signature of Applicant: [Signature]

NO BOND OR FOS REQD.
COVERED BY SUBDIVISION BOND.

ALL DIRT HOLES ARE TO BE REPAIRED WITHIN TWO
NOW WORK IS COMPLETED - POINTS THAT FALL IN THE SIDEWALK
ARE TO BE MARKED W/ P.K. MARKS

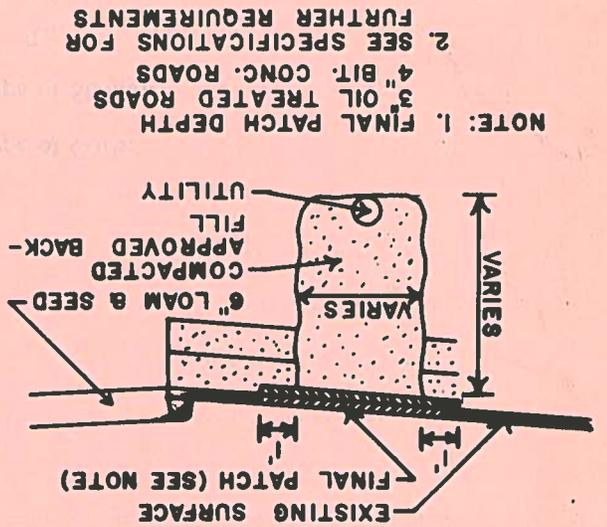
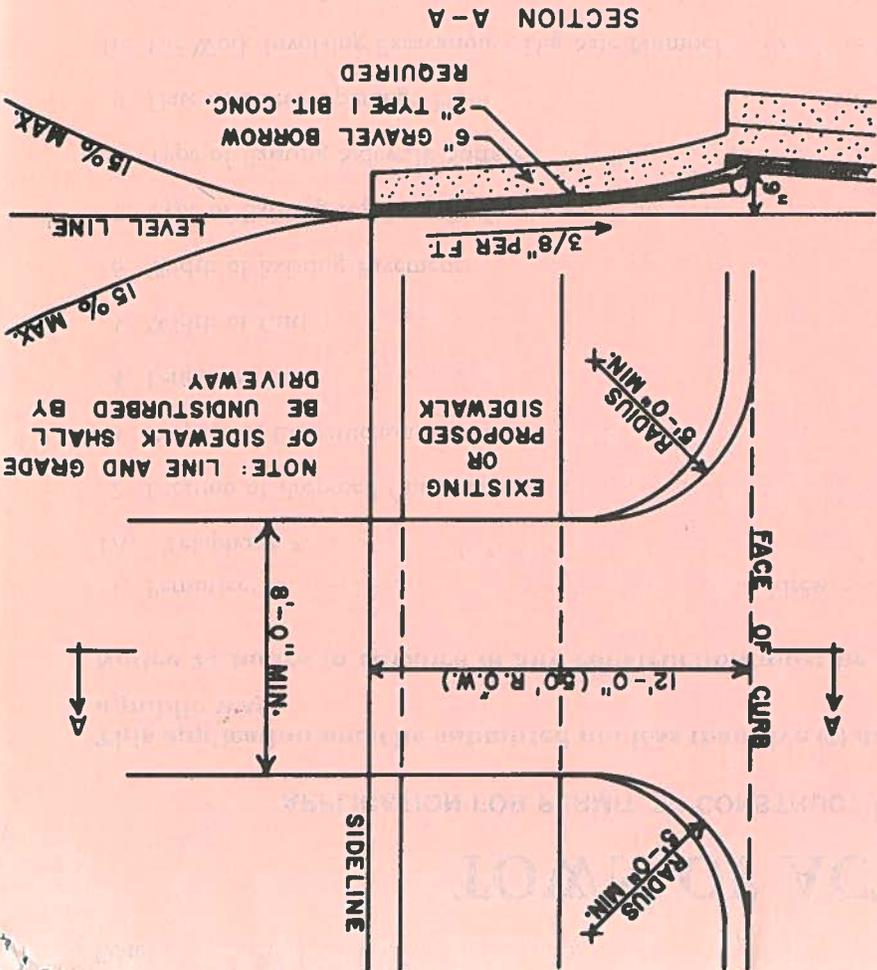
See prior memo dated 1/4/99 - Attached herewith

Permit Issued: Date 7/21/98 By: Dennis P. Ryan

Application Denied: Date By:

Work Inspected and Approved: Date 1/22/07 By: [Signature]

SKETCH



TOWN OF ACTON
TRENCH DETAIL
8 TYPICAL DRIVEWAY
FEB. 1969
NO SCALE



TOWN OF ACTON
472 Main Street
Acton, Massachusetts, 01720
Telephone (978) 264-9628
Fax (978) 264-9630

Engineering Department

INTERDEPARTMENTAL COMMUNICATION

To: Planning Department

Date: January 4, 1999

From: Engineering Department

N.P.R.

Subject: Final Inspection – Hearthstone Farms (Jay Lane)

We have conducted a final inspection of the Hearthstone Farms Subdivision. As you know, the only outstanding work was the sidewalk in front of the Dunlap/Youngman property. We performed routine inspections last summer and fall while the sidewalk was being built. The only outstanding issue was the replacement of some of the drill holes that marked the limit of the public way. These have been replaced, and the surveyor has given us a certification. At this time, we feel that the entire bond of \$24,000.00 can be released.

R.O.W. VARIABLE

VARYING PAVEMENT

LOCATION OF EXISTING PAVEMENT

10M FACE OF EXISTING GRANITE CURB TO FACE OF PROPOSED CAFE COP BERM (ADJACENT TO SIDEWALK EASEMENT ONLY)

EXISTING VERTICAL GRANITE CURBING

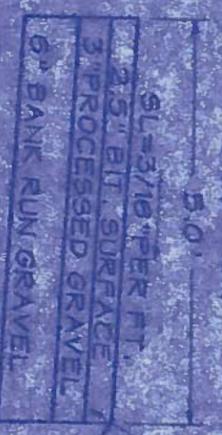
GREEN STRIP

PROPOSED STRUCTURAL SECTION A-A

NOT TO SCALE

5" FINISH COURSE
BINDER COURSE
PROCESSED GRAVEL

DETAIL



SIDEWALK

2.5" BITUMINOUS SURFACE SHALL CONSIST OF A 1.5" BINDER COURSE & A 1" TOP COURSE OF TYPE 1 BITUMINOUS CONCRETE

12" BERM

SIDEWALK SECTION

NOT TO SCALE



SIDEWALK

GREEN STRIP



5.0' SIDEWALK

2.5" PROCESSED GRAVEL

6" BANK RUN GRAVEL

8" LOAM SURFACE SEEDED WITH TURF GRASSES EXIST. ROAD

EXIST. GRADE 4' MAX.



VARYING SIZE STONES & BOULDERS

RIP-RAP EMBANKMENT

NOT TO SCALE

WOODEN POST & RAIL FENCE
2 RAILS SPACED 18" O.C.
POSTS SPACED AT 9' O.C.
WOODEN POSTS SHALL BE OF PRESSURE TREATED LUMBER.
WOODEN POSTS SHALL BE SET IN FIRM FOOTINGS. (SEE DETAIL.)

EXIST. TOP AND SUBSOIL SHALL BE REMOVED AND REPLACED WITH CLEAN GRAVEL BACKFILL.

9'-0" O.C.

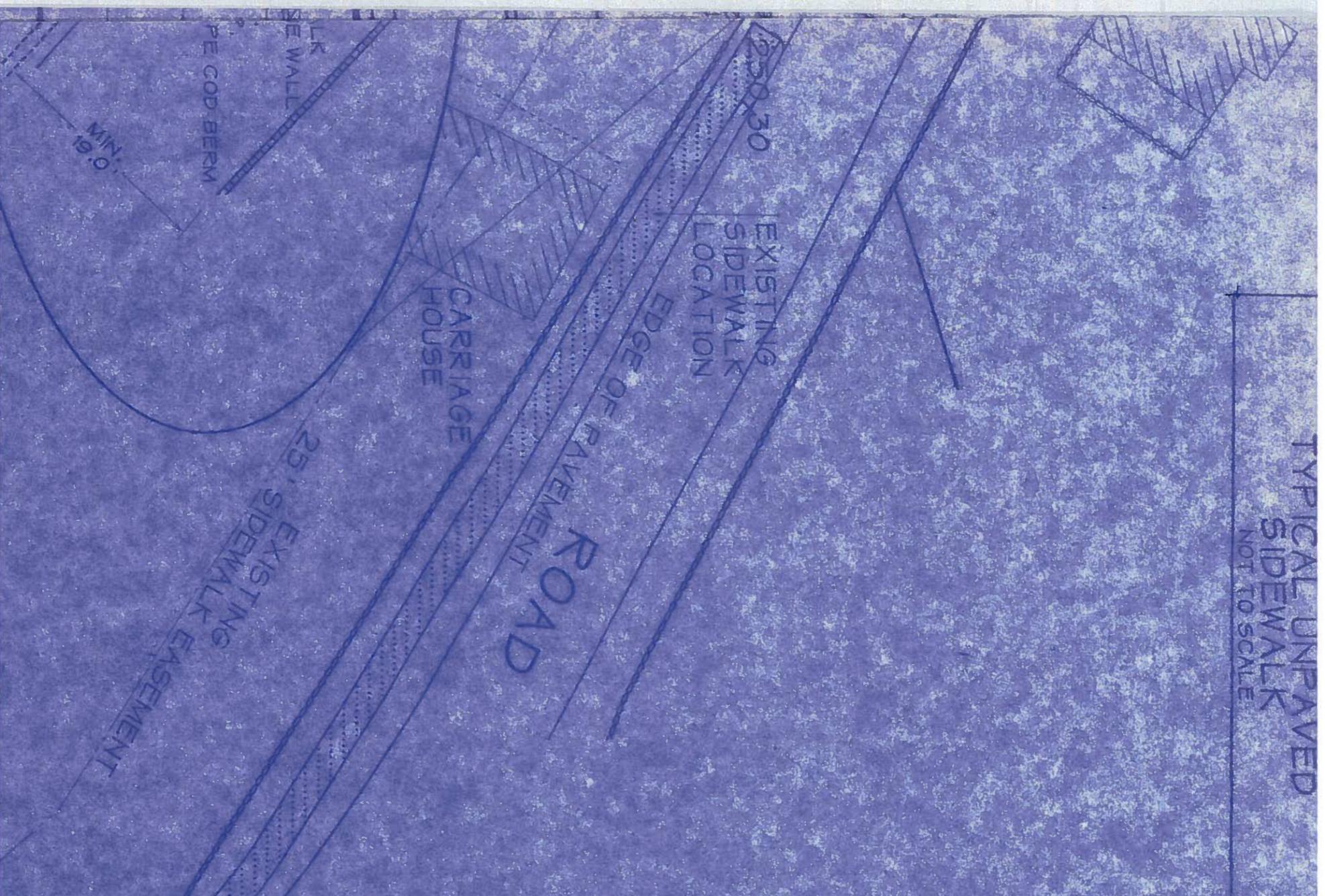


BUTT RAILS ON ALT. POST W/ 3" MIN. BEARING

NOTES:

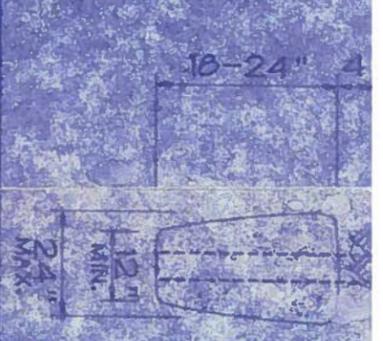
1. ALL LUMBER SHALL BE PRESSURE TREATED (0.4 PSLCCA MIN.) AND BE STRAIGHT AND TRUE.

TYPICAL UNPAVED
SIDEWALK
NOT TO SCALE



NOTES CONT.

7. WHERE THE PROPOSED SIDEWALK IS WITHIN THE 15' SIDEWALK EASEMENT, THE WIDTH OF STRAWBERRY HILL ROAD SHALL BE MAINTAINED AT A MINIMUM OF 19 FEET. THIS WIDTH SHALL BE MEASURED FROM THE GUTTER LINE OF THE EXISTING SLOPED GRANITE CURBING TO THE GUTTER LINE OF THE PROPOSED CAPE COD BERM ALONG THE PROPOSED SIDEWALK WITHIN THIS EASEMENT.
8. EXISTING DRILL HOLES IN THE PORTIONS OF THE STONE WALL TO BE REBUILT SHALL BE REPLACED WITH PK NAILS SET IN THE SIDEWALK. THESE PK NAILS SHALL BE CERTIFIED BY A PROFESSIONAL LAND SURVEYOR. ANY DRILL HOLES THAT ARE DESTROYED DURING CONSTRUCTION SHALL BE REPLACED WITH AN ACCEPTABLE SURVEY MARKER AND CERTIFIED IN WRITING BY A PROFESSIONAL LAND SURVEYOR.
9. WETLAND FLAGS W#1 THROUGH W#9 WERE HUNG BY THOMAS TIDMAN, AGENT OF THE ACTON CONSERVATION COMMISSION, IN SEPTEMBER OF 1996.
10. CAPE COD BERM SHALL BE INSTALLED ALONG THE PAVED PORTION OF THE PROPOSED SIDEWALK ONLY.
11. THE PROPOSED EDGE OF PAVEMENT SHALL BE FIELD ESTABLISHED BY THE ACTON ENGINEERING DEPARTMENT PRIOR TO OR DURING SIDEWALK CONSTRUCTION.
12. THE RIP-RAP EMBANKMENT SHALL MEET THE APPROVAL OF THE ACTON ENGINEERING DEPARTMENT.



POST AND RAIL FENCE DETAIL
NOT TO SCALE



PROPOSED
STANDARD "NARROW ROAD"
WARNING SIGN (W5-1)



1-15-78

THE SIDEWALKS SHALL BE A MINIMUM OF FIVE (5) FEET IN WIDTH.

UNDISCIPLED RAMPS SHALL BE INSTALLED AT ALL DRIVEWAYS ACCORDANCE WITH THE REQUIREMENTS OF THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD.

THIS PROPOSED WORK WILL REQUIRE CONSERVATION COMMISSION APPROVAL.

THE UNPAVED SECTION OF SIDEWALKS SHALL BE SURFACED WITH A SUITABLE CRUSHED STONE SURFACING MATERIAL (CRUSHER RUN", "STAR PACK" OR SIMILAR).

BETWEEN THE SIDEWALK AND EXISTING E.O.P., THERE SHALL BE ONE FOOT OF SEEDED LOAM (SEE TYPICAL UNPAVED SIDEWALK DETAIL.)

ALL TREES TO BE PRESERVED SHALL BE LABELLED PRIOR TO CONSTRUCTION.

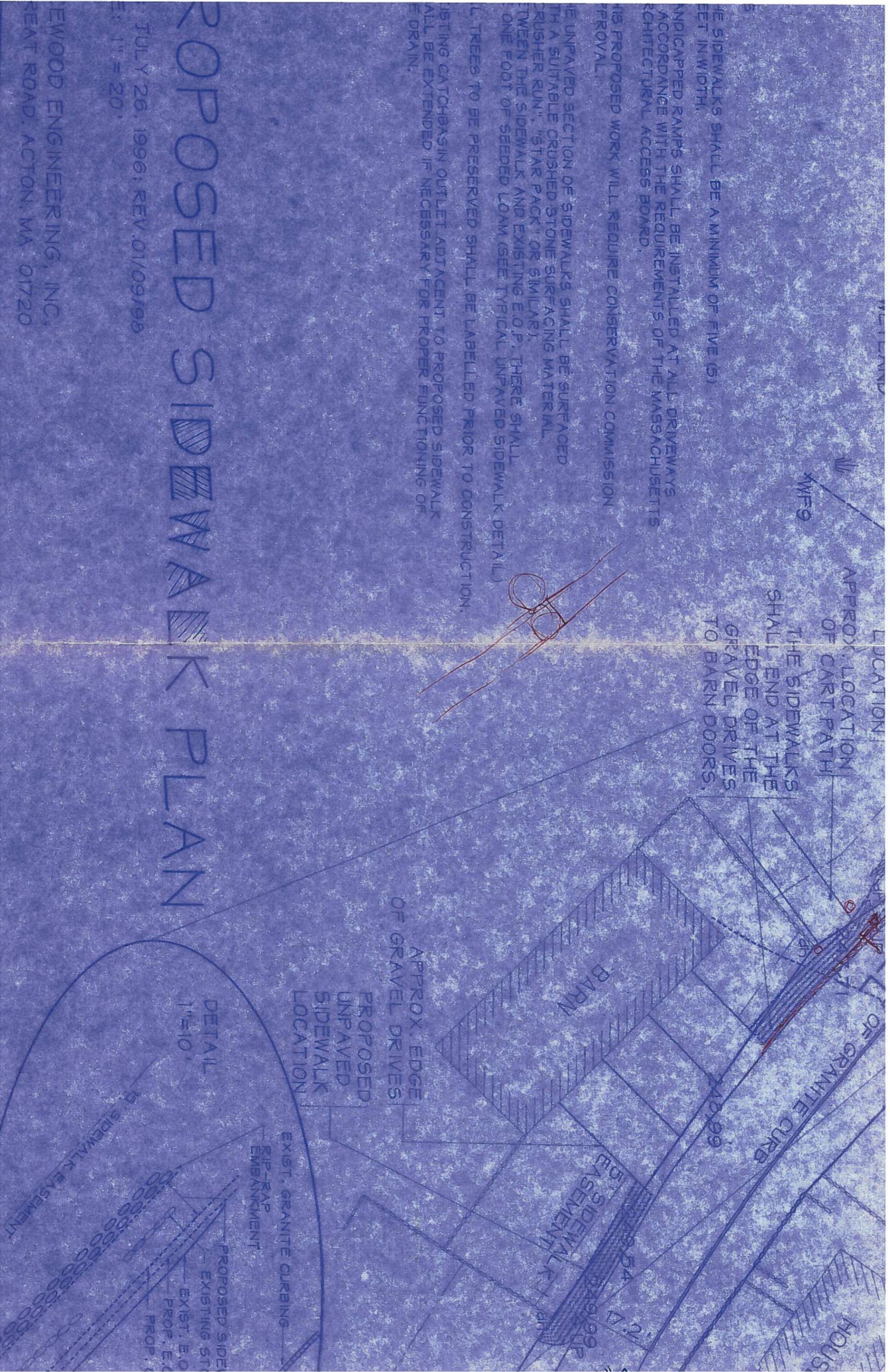
EXISTING CATCHBASIN OUTLET ADJACENT TO PROPOSED SIDEWALK SHALL BE EXTENDED IF NECESSARY FOR PROPER FUNCTIONING OF THE DRAIN.

PROPOSED SIDEWALK PLAN

JULY 26, 1996; REV. 01/09/98

SCALE: 1" = 20'

WOOD ENGINEERING, INC.
100 GREAT ROAD, ACTON, MA 01720



LEGEND

- EDGE OF R.O.W. AT STONEWALL
- EXISTING STONEWALL
- EXISTING R.O.W.
- EXISTING CURB LOCATION
- ▭ PROPOSED SIDEWALK WITH BERM
- UP EXISTING UTILITY POLE
- EXISTING CATCHBASIN
- ▨ PROP. RIP-RAP EMBANKMENT ADJACENT TO PROP. SIDEWALK
- dh* DENOTES EXISTING DRILLHOLE TO BE RE-SET OR REPLACED WITH AN APPROPRIATE ALTERNATIVE.

STRAMBERRY
EDGE OF PAVEMENT

STANDARD "NARROW ROAD"
WARNING SIGN (W5-1)

CATCHBASIN OUTLET
TO BE EXTENDED
IF NECESSARY

PROPOSED
PAVED
SIDEWALK
LOCATION

RIP-RAP
OUTLET

SWALE AT LOW
POINT (HATCHED)
BREAK IN BERM

RIP-RAP EMBANKMENT
(SEE DETAIL)

CAPE COD B
NOT TO

