10 YR. PEAK RUNOFF LEAVING SITE AT RAILROAD TRACKS
EXISTING = 3.01 cfs
PROPOSED = 2.97 cfs

N/F REALESCO INC.

EASTERN ROAD

LOT B
DECK HOUSE, INC.

N/F DIMINICO

N/F ACTON FOREIGN AUTO, INC.

GRADE TO 180.0

GRADED DEPRESSION NO. 1 TO DETAIN RUNOFF FROM NEW ROOF VOLUME = 3,186 CF

EXISTING SEPTIC SYSTEM

EXISTING RAILROAD TRACKS

CONC. LOADING DOCK

CONC RAMP

CONC PADS

EXISTING 8,814 S.F. ROOFED STORAGE AREA

BIT. PAV'T

EXISTING 37,225 S.F. STRUCTURE
FLOOR = 180.88

PROPOSED 17,325 S.F. WAREHOUSE ADDITION
PROPOSED FLOOR = 180.88

PROPOSED 8,640 S.F. ROOFED STORAGE AREA

EXISTING 8,673 S.F. PARTIALLY ENCLOSED ROOFED STORAGE AREA

4" LOAM & SEED

REMOVE EXISTING FENCE

LOT A
8.562 ± AC

LOAM PILE TO BE REMOVED

PROP. BIT. CONC. PAVEMENT

STEEL PIPE BARRIER

PROPOSED GRAVEL PAVED AREA FOR FLATBED TRAILER STORAGE

CHAIN LINK FENCE

FIRE POND
WATER SURFACE = 170.6

17 PARKING SPACES

WELL

EXISTING LEACHING CB
RIM = 179.98

EDGE OF EXISTING PAVEMENT

EXISTING GATE

PROPOSED LEACHING CB
RIM = 180.0

15 PROPOSED SPACES

PROPOSED BIT CONC PAVEMENT

PROPOSED GATE

EXISTING BIT. DRIVE

RETENTION BASIN
BOTTOM = 175.25

12" RCP

SHRUB

(RECORD) 12" INV = 174.61

CB RIM = 178.12
12" INV (IN) = 175.22
12" INV (OUT) = 175.35

CB RIM = 178.08
2" INV = 175.26

CB RIM = 177.91
12" INV (A) = 175.08
12" INV (B) = 174.90

GRADED DEPRESSION NO. 2 VOLUME = 3,159 C.F.

DRIVE TO REX LUMBER

N/F REX LUMBER COMPANY, INC.

MAIN STREET

RTE. 27

DECK HOUSE, INC. LOT C

EVERGREENS

OAK & MAPLE

BUSHES

EXISTING EVERGREENS

TBM — TOP OF STONE BOUND
ELEV = 178.90

10 YR. STORM PEAK RUNOFF TO 12" CMP CULVERT FROM SITE

EXISTING = 0.65 cfs
PROPOSED = 0.55 cfs
CAPACITY OF CULVERT = 1.7 cfs

263-3839

MASS DPW STD. CATCH BASIN FRAME & GRATE RIM = 180.0

18" CONE SECTION

4" PERF. PVC. L = 3'

4-SCH-80 4" PVC TEES

3/4" TO 1½" WASHED CRUSHED STONE

4'-6"

NO WEEP HOLES

4'

16' ϕ OF STONE

PROPOSED LEACHING CATCH BASIN
N.T.S.

1" WEARING SURFACE
1½" BINDER

12" GRAVEL

PROPOSED BIT. CONC. PAVEMENT DETAIL
N.T.S.

LOCUS MAP

CARLISLE
ACTON
CONRAIL
RTE. 27
CARLISLE RD.
LOCUS
HARRIS ST.
MAIN ST.
NASHOBA BROOK

UTILITY NOTE

ALL UNDERGROUND UTILITIES SHOWN WERE COMPILED FROM VARIOUS RECORD INFORMATION AND LOCATIONS ARE APPROXIMATE ONLY. SEE MASS. GENERAL LAWS, ACTS OF 1963.

½" CHAMFER ALL EXPOSED EDGES

8" 2'-0" SQUARE OPENING 8"

4'-0"

1" NOTCH

STONE

WELDED WIRE MESH

EXISTING 12" ACP INV = 173.2

FRONT VIEW SECTION

PROPOSED OUTLET WEIR DETAIL
3000 PSI CONCRETE
N.T.S.

PLAN REFERENCE

1) COMPILED PLAN OF LAND IN ACTON, MASSACHUSETTS (MIDDLESEX COUNTY)
OWNED BY: DECK HOUSE INC.
BY: STAMSKI AND McNARY INC.
229 CENTRAL ST, ACTON, MA.
SCALE: 1" = 40' NOV. 16, 1984

DATUM

ALL ELEVATIONS REFER TO N.G.V.D. OF 1929
BM USED: SEE PLAN

LEGEND

180 — EXISTING CONTOUR
180 — PROPOSED CONTOUR
180x2 EXISTING SPOT ELEV.
180x2 PROPOSED SPOT ELEV.
DIRECTION OF DRAINAGE

PARKING DATA

REQUIRED PARKING SPACES

A) 20,000 / 2,000 + 34,550 / 10,000 = 13.5

B) 1 SPACE PER EMPLOYEE = 15

TOTAL REQUIRED = 28.5

SPACES PROVIDED = 32 SPACES

BUILDING & LOT DATA

	EXISTING	PROPOSED	△
LOT AREA	8.562 AC.	8.562 AC.	
BUILDING AREA	37,225 S.F.	54,550 S.F.	+17,325 S.F.
ROOFED AREAS	17,487 S.F.	26,127 S.F.	+8,640 S.F.
TOTAL BUILDING + ROOFED AREAS	54,712 S.F.	80,677 S.F.	+25,965 S.F.
% COVERAGE BUILDING	14.67%	21.63%	+6.96%
TOTAL IMPERVIOUS COVER (INCLUDES GRAVEL PAVED AREA)	112,232 S.F.	173,967 S.F.	+61,735 S.F.
% IMPERVIOUS COVER	30.09%	46.64%	+16.55%
% OPEN SPACE	69.91%	53.36%	-16.55%

COMMONWEALTH OF MASSACHUSETTS
BRUCE M. STAMSKI
No. 27400
REGISTERED PROFESSIONAL ENGINEER

SITE PLAN

MAIN STREET
ACTON, MASS.

OWNED BY: DECK HOUSE, INC.
SCALE: 1" = 40'
FEB. 6, 1985
REVISED SEPT. 18, 1985
REVISED MARCH 7, 1986
REVISED AUG. 15, 1986

STAMSKI AND McNARY, INC.
229 CENTRAL ST., ACTON, MA.
ENGINEERING • PLANNING • SURVEYING

3007A

3007/Sheet 1 of 2

SM-7E