STAMSKI AND MCNARY, INC.
1000 Main Street
Acton, Massachusetts 01720
(978) 263-8585
FAX (978) 263-9883

WILLIAM F. MCNARY, P.L.S.
JOSEPH MARCH, P.E., P.L.S.

March 2, 2011

Acton Conservation Commission
472 Main Street
Acton, MA 01720

Re: 141 Great Road
Request for Certificate of Compliance
DEP File No. 85-278

Members of the Commission,

On behalf of our client, Sam Paolini, we hereby request Certificate of Compliance for the referenced file. On March 2, 2011, we conducted an inspection of the site and found the construction within the Buffer Zone completed in substantial compliance with the plans of record, with the following noted deviations:

- A hood was not installed in catch basin 5.
- The catch basin at the entrance was not relocated.
- The weir and flap valve were not installed in the diversion box.

It is worth noting that work was recently approved by town staff within the Drainage Retention Area without a required filing with the Conservation Commission. It was determined that the area was not a wetland that afforded the Commission jurisdiction and had no buffer zone.

Thank you for your time in consideration of this matter. Please call our office if you have any further questions.

Respectfully yours,
Stamski and McNary, Inc.

George Dimakarakos, P.E.

Joseph March, P.E., P.L.S.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 8A – Request for Certificate of Compliance

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

DEP File Number:
85-278
Provided by DEP

A. Project Information

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

1. This request is being made by:

George Dimakarakos, P.E., Stamski and McNary, Inc.
Name

1000 Main Street
Mailing Address

Acton | MA | 01720
City/Town | State | Zip Code

978-263-8585 ext 212
Phone Number

2. This request is in reference to work regulated by a final Order of Conditions issued to:

Sam Paolini
Applicant

10/18/1989 | 85-278
Dated | DEP File Number

Upon completion of the work authorized in an Order of Conditions, the property owner must request a Certificate of Compliance from the issuing authority stating that the work or portion of the work has been satisfactorily completed.

3. The project site is located at:

141 Great Road | Acton
Street Address | City/Town

F4 | 37-3
Assessors Map/Plat Number | Parcel/Lot Number

4. The final Order of Conditions was recorded at the Registry of Deeds for:

Property Owner (if different)

Midlesex (South District) | 20208 | 1
County | Book | Page

Certificate (if registered land)

5. This request is for certification that (check one):

☒ the work regulated by the above-referenced Order of Conditions has been satisfactorily completed.

☐ the following portions of the work regulated by the above-referenced Order of Conditions have been satisfactorily completed (use additional paper if necessary).

☐ the above-referenced Order of Conditions has lapsed and is therefore no longer valid, and the work regulated by it was never started.

A. Project Information (cont.)

6. Did the Order of Conditions for this project, or the portion of the project subject to this request, contain an approval of any plans stamped by a registered professional engineer, architect, landscape architect, or land surveyor?

☒ Yes — If yes, attach a written statement by such a professional certifying substantial compliance with the plans and describing what deviation, if any, exists from the plans approved in the Order.

☐ No

B. Submittal Requirements

Requests for Certificates of Compliance should be directed to the issuing authority that issued the final Order of Conditions (OOC). If the project received an OOC from the Conservation Commission, submit this request to that Commission. If the project was issued a Superseding Order of Conditions or was the subject of an Adjudicatory Hearing Final Decision, submit this request to the appropriate DEP Regional Office (see http://www.mass.gov/dep/about/region/findyour.htm).

NOTES:

1. THE SITE DOES NOT FALL WITHIN THE FLOOD PLAIN DISTRICT AS ESTABLISHED BY THE TOWN OF ACTON.
2. THE EXISTING TOPOGRAPHIC WAS DETERMINED BY GROUND SURVEY PERFORMED BY STAMSKI AND McNARY, INC.
3. THE SITE DOES FALL WITHIN THE GROUNDWATER PROTECTION DISTRICT AS ESTABLISHED BY THE TOWN OF ACTON.
4. DATUM FOR TOPOGRAPHIC ELEVATIONS IS N.G.V.D. OF 1929.
5. APPROXIMATELY 280 CU. YD. OF EARTH WILL BE REMOVED FROM THE SITE. A REMOVAL SCHEDULE SHALL BE APPROVED BY THE TOWN OF ACTON AND IS LIMITED TO NON-PEAK TRAFFIC HOURS (9:00 AM TO 4:00 PM) DURING WEEKDAYS.
6. ALL CATCH BASINS & RETENTION BASINS SHALL BE CLEANED AFTER CONSTRUCTION AND ANNUALLY THEREAFTER.
7. INTERIOR AUTOMATIC AND MANUAL FIRE ALARM WILL BE PROVIDED AND CONNECTED TO THE MASTER BOX.
8. ALL LAWN SPRINKLER VALVES & LIGHT POST LOCATED IN PROPOSED PAVEMENT AREA TO BE RELOCATED.
9. EMERGENCY FLUSH VALVE IN PROPOSED DIVERSION BOX SHALL BE CHECKED YEARLY TO INSURE PROPER WORKING ORDER.

NOTE

ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370, ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS, THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG SAFE TELE. NO. 1-800-322-4844

DRAINAGE DESIGN SUMMARY

AREA	PRE-DEVELOPMENT	POST DEVELOPMENT	Δ
10 YR STORM PEAK OUTFLOW FROM EXISTING DETENTION BASIN	3.3 cfs	3.0 cfs	-0.3 cfs
100 YR STORM PEAK OUTFLOW FROM EXISTING DETENTION BASIN	5.9 cfs	5.7 cfs	-0.2 cfs
10 YR LEVEL IN EXISTING DETENTION BASIN	139.8	139.7	
100 YR LEVEL IN EXISTING DETENTION BASIN	140.0	140.9	
10 YR LEVEL IN PROPOSED RETENTION BASIN	—	146.67	
100 YR LEVEL IN PROPOSED RETENTION BASIN	—	146.67	

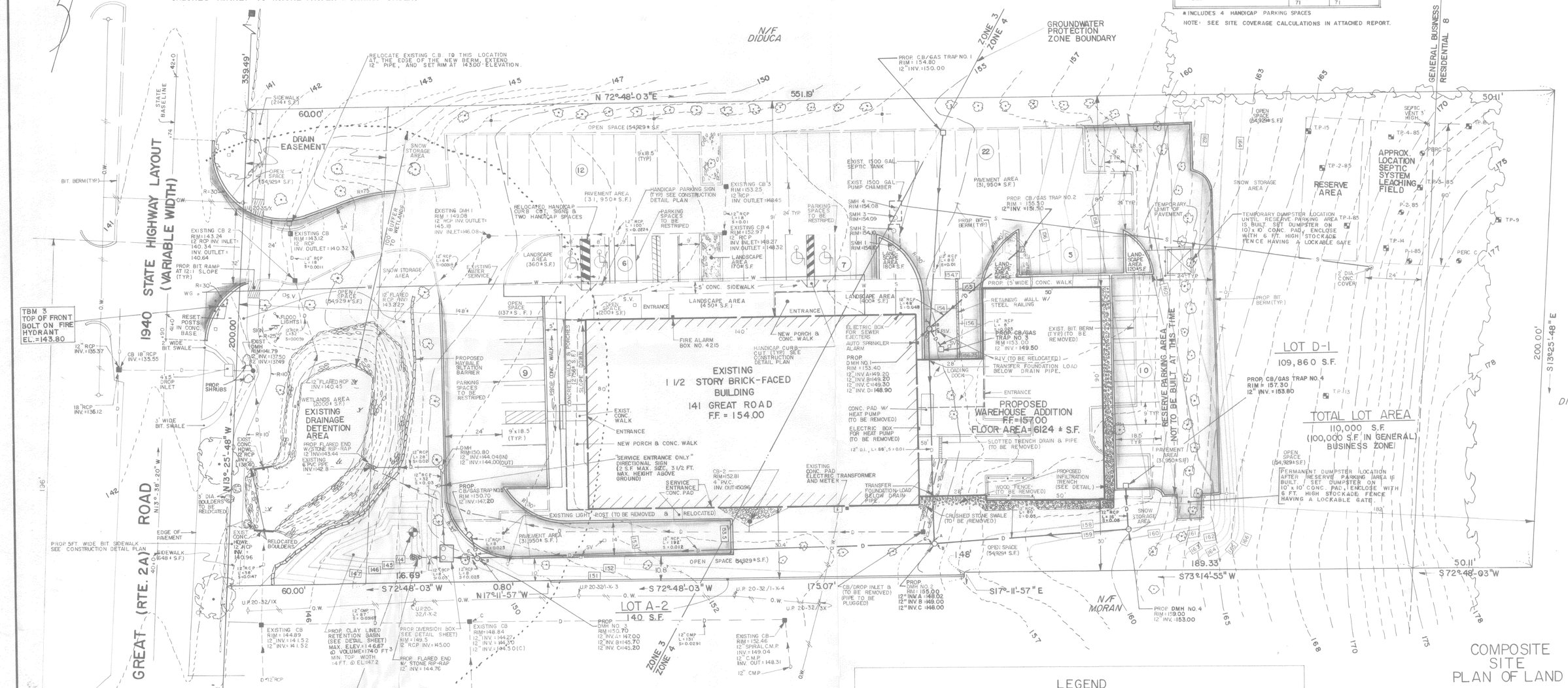
ZONING REQUIREMENTS
ZONING DISTRICT - GENERAL BUSINESS

	REQUIRED	PROVIDED
LOT AREA (min.)	10,000 S.F.	100,000 (G.B.)
OPEN SPACE (min.)	35 %	45.3 %
LOT FRONTAGE (min.)	100'	200'
LOT WIDTH (min.)	50'	200'
MIN. SETBACK FRONT / SIDE / REAR	30' / 30' / 30'	148' / 30' / 182'
GROSS FLOOR AREA	—	18,924 S.F.
NET FLOOR AREA	—	18,204 S.F.
FLOOR AREA RATIO	0.20	0.186
TOTAL IMPERV. PARKING	—	31,950 S.F.
LANDSCAPE AREA	5 %	5.76 %
PARKING SPACES: RETAIL NET AREA = 12,080 SF @ 1 SPACE / 180 SF	67	
WAREHOUSE NET AREA = 6,124 SF @ 1 SPACE / 2000 SF	3	
+ 1 SPACE / 1 EMP. X 1 EMPLOYEE	1	
	71	71 *

* INCLUDES 4 HANDICAP PARKING SPACES

NOTE: SEE SITE COVERAGE CALCULATIONS IN ATTACHED REPORT.

LOCUS MAP 1"=1200'



OWNER/APPLICANT

SAM PAOLINI
240 ARLINGTON STREET
ACTON, MASS. 01720

REFERENCE

MIDDLESEX SOUTH DISTRICT
REGISTRY OF DEEDS
BOOK 16,575 PAGE 254

JULY 11, 1990 REVISION
STATE CURB CUT ONLY

LEGEND

C.B.	PROPOSED CATCHBASIN
C.B.	EXISTING CATCHBASIN
D.M.H.	PROPOSED DRAIN MANHOLE
D.M.H.	EXISTING DRAIN MANHOLE
S.M.H.	EXISTING SEWER MANHOLE
WG	EXISTING WATERGATE
P.V.	SPRINKLER VALVE
W	EXISTING WATERLINE
D	EXISTING DRAINLINE
D	PROPOSED DRAINLINE
D	CORRUGATED METAL PIPE
RCP	REINFORCED CONCRETE PIPE
P.I.V.	POST INDICATOR VALVE
O.W.	OVERHEAD WIRES
	MASS. HIGHWAY BOUND
U.P.	EXISTING UTILITY POLE
	EXISTING LIGHT POST
	PROPOSED LIGHT POST
101	EXISTING FIRE HYDRANT
156.75	PROPOSED SPOT ELEVATION
160	EXISTING CONTOUR
144	PROPOSED CONTOUR
	EXISTING OAKS
	EXISTING PINES
T.P.-13	TEST PIT
P-2-85	PERC. TEST
10	NO. PARKING SPACES IN AISLE
	100' BUFFER ZONE LINE
	RIP-RAP
	EXISTING CURB
	PROPOSED CURB
	EXISTING BUILDING
	PROPOSED BUILDING

COMPOSITE SITE PLAN OF LAND IN ACTON, MASS.

(MIDDLESEX COUNTY)

FOR: PAOLINI

SCALE: 1"=20'

REV. JULY 11, 1990
REV. JAN. 16, 1990
SEPT. 22, 1989
REV. JAN. 23, 1990

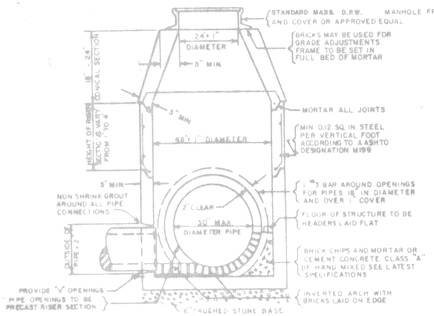
STAMSKI AND McNARY, INC.
80 HARRIS STREET — ACTON, MASS.
ENGINEERING · PLANNING · SURVEYING

0 10 20 40 80 FT.

SM-854

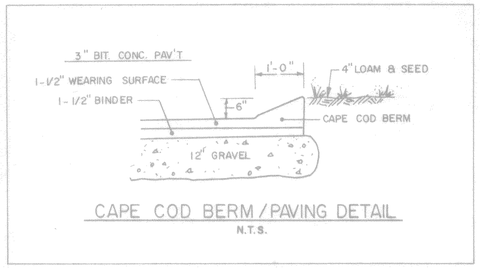
SHEET 1 OF 2

ATTACHMENT 1



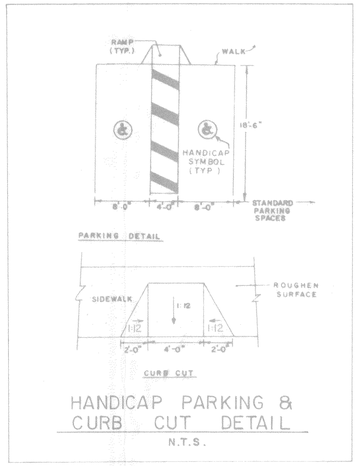
DRAIN MANHOLE DETAIL

N.T.S.



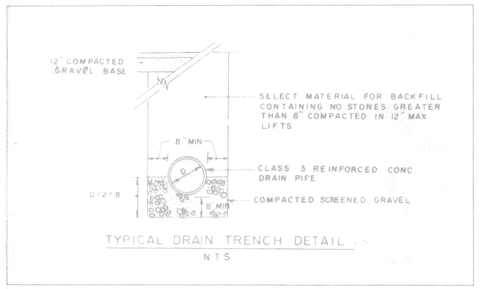
CAPE COD BERM / PAVING DETAIL

N.T.S.



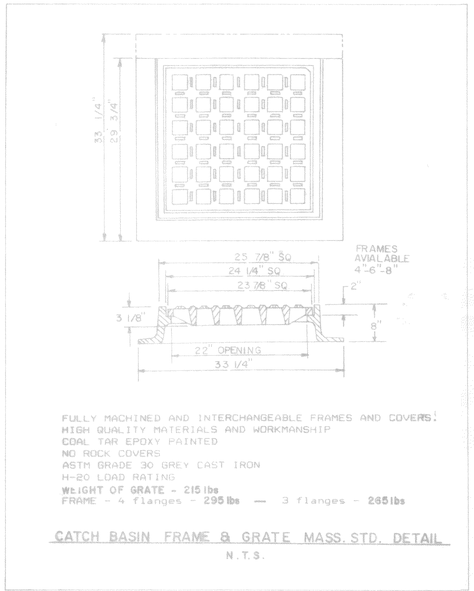
HANDICAP PARKING & CURB CUT DETAIL

N.T.S.



TYPICAL DRAIN TRENCH DETAIL

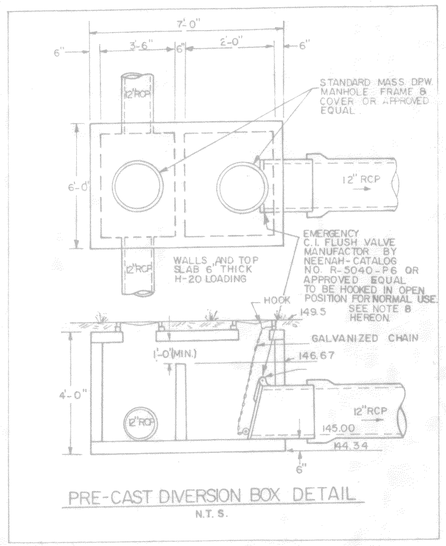
N.T.S.



FULLY MACHINED AND INTERCHANGEABLE FRAMES AND COVERS.
HIGH QUALITY MATERIALS AND WORKMANSHIP
COAL TAR EPOXY PAINTED
NO ROCK COVERS
ASTM GRADE 30 GREY CAST IRON
H-20 LOAD RATING
WEIGHT OF GRATE - 215 lbs
FRAME - 4 flanges - 295 lbs — 3 flanges - 265 lbs

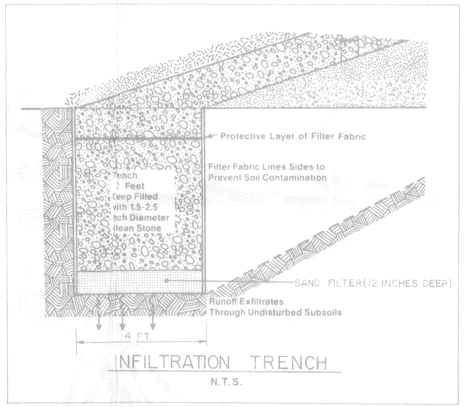
CATCH BASIN FRAME & GRATE MASS. STD. DETAIL

N.T.S.



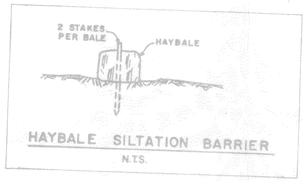
PRE-CAST DIVERSION BOX DETAIL

N.T.S.



INFILTRATION TRENCH

N.T.S.



HAYBALE SILTATION BARRIER

N.T.S.

GENERAL NOTES & SPECIFICATIONS

1) All drain pipes shall be Class III type R.C.P. unless otherwise indicated.

2) Rip-Rap shall consist of hard durable stone, angular in shape, that is well graded within the 25# to 125# range. The Rip-Rap shall be placed over a 12" base of coarse bank run gravel.

3) All underground utilities shall conform to the standards of the Town of Acton.

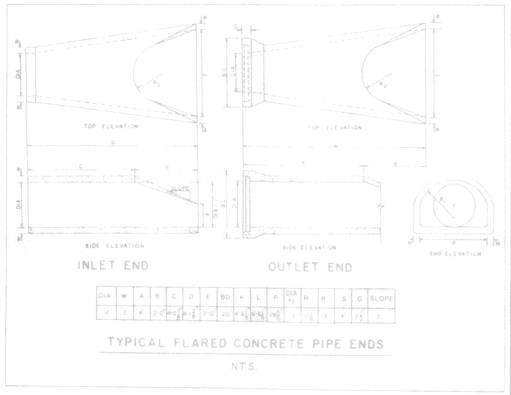
4) Landscaping details are shown on the attached Landscape Plan by others.

5) Parking details for regular and loading parking spaces are indicated on the attached Site Composite Plan. The Handicapped Parking Space Detail is contained on the Construction Detail Plan.

6) Building coverage, open space, and drainage calculations for this project are detailed in the Drainage Calculations submitted with this application.

7) The 1'-0" clay liner shall be placed in two lifts and compacted to 90% dry density as determined by a std. proctor test. The "clay" material shall have a coefficient of permeability of 0.1417 IN/HR (0.0001 $\frac{CM}{SEC}$). Samples and test results shall be provided to the owner and/or their agent prior to construction.

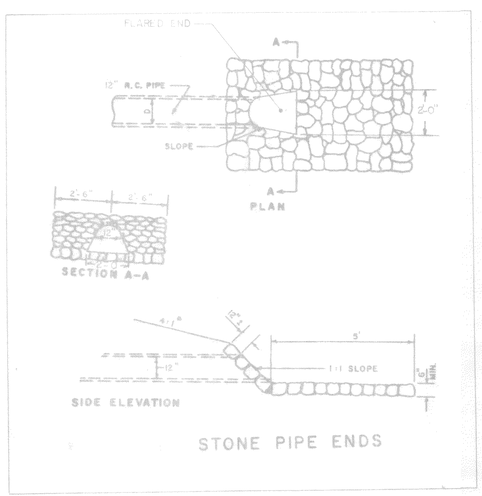
8) Emergency flush valve in proposed diversion box shall be checked yearly to insure proper working order.



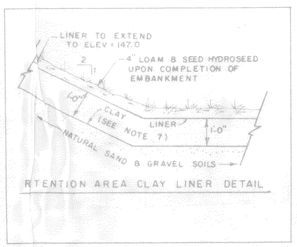
DIA	W	A	B	C	D	E	BD	K	L	P	DIA W1	R	H	S	G	SLOPE
12	7	4	2'-0"	1'-6"	2'-0"	2'-0"	20	4'-6"	8'-6"	1'-6"	1	1'-0"	3	4	2'-0"	3

TYPICAL FLARED CONCRETE PIPE ENDS

N.T.S.

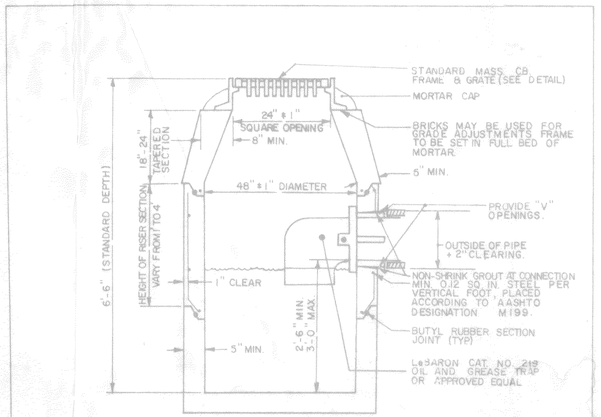


STONE PIPE ENDS



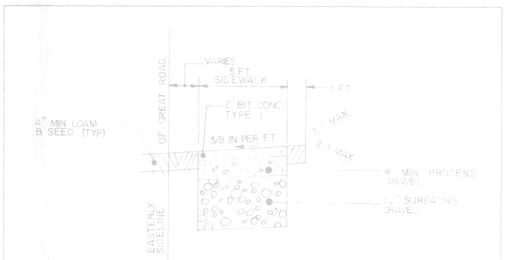
RTENTION AREA CLAY LINER DETAIL

HANDICAPPED PARKING SIGN



PRECAST CONCRETE CATCH BASIN/GAS TRAP DETAIL

N.T.S.



SIDEWALK ALONG GREAT ROAD DETAIL

N.T.S.

CONSTRUCTION DETAIL PLAN

IN

ACTON, MASS.

(MIDDLESEX COUNTY)

FOR: PAOLINI

N.T.S.

SEPT. 22, 1989
REV. JAN. 16, 1990
REV. JAN. 23, 1990

STAMSKI AND McNARY, INC.
80 HARRIS STREET ACTON, MASS.
ENGINEERING · PLANNING · SURVEYING

SM-854

SHEET 2 OF 2

ATTACHMENT 2