

ORDER OF CONDITIONS:

2. PRIOR TO ANY LOTS BEING RELEASED FROM THE BINDER CODES OF PAVEMENT TO THE PLANNING BOARD...
3. PRIOR TO A CERTIFICATE OF OCCUPANCY BEING ISSUED FOR AN INTERIM AS-BUILT... THE PLANNING BOARD SHALL BE REQUIRED BY THE PLANNING DEPARTMENT...
4. PRIOR TO A CERTIFICATE OF OCCUPANCY BEING ISSUED FOR THE BINDER CODES OF PAVEMENT TO PROPERLY ACCESS THE BINDER CODES OF PAVEMENT TO PROPERLY ACCESS THE BINDER CODES OF PAVEMENT TO PROPERLY ACCESS THE BINDER CODES OF PAVEMENT...

ZONING DISTRICT: R-4
 AREA = 12,900 S.F.
 FRONTAGE = 100'

ASSESSORS REFERENCE
 MAP 26 - LOT 5

REFERENCE DEED
 N.E.R.O. BK 789 - PG. 449

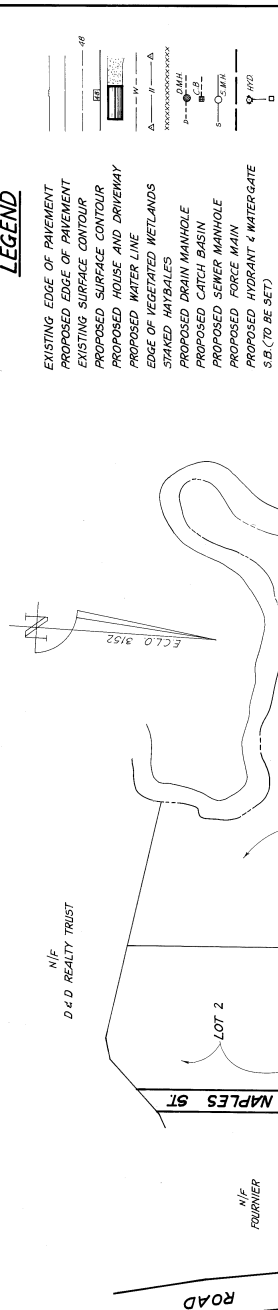
REFERENCE PLANS
 1) E.C.L.O. 3152
 2) N.E.R.O. PLAN 631

BENCHMARK
 N.G.V.D. 1929 DATUM SEE F.I.R.M. 250048-00058 R.M.E. - ELEV. 32.07

I, CERTIFY THAT THIS PLAN CONFORMS TO THE REGULATIONS OF THE REGISTER OF DEEDS.

1/20/92, *Grasda R. Gonda*

FOR REGISTRY USE ONLY
 Plan # 12180
 Registered
 Register of Deeds
 January 19, 1992 at 3:15 PM
Grasda R. Gonda
 Register of Deeds



- LEGEND**
- EXISTING EDGE OF PAVEMENT
 - PROPOSED EDGE OF PAVEMENT
 - EXISTING SURFACE CONTOUR
 - PROPOSED SURFACE CONTOUR
 - PROPOSED HOUSE AND DRIVEWAY
 - PROPOSED WATER LINE
 - EDGE OF VEGETATED WETLANDS
 - STAKED HAYBALES
 - PROPOSED DRAIN MANHOLE
 - PROPOSED CATCH BASIN
 - PROPOSED SEWER MANHOLE
 - PROPOSED FORCE MAIN
 - PROPOSED HYDRANT & WATERGATE
 - 5.8 (TO BE SET)
- ORDERS OF CONDITIONS CONTINUED**
8. THROUGHOUT THE RIGHT OF WAY TREE CUTTING SHALL BE... A NO-CUT LINE SHALL BE LOCATED AND MARKED IN THE FIELD AND APPROVED BY STAFF.
 9. GAS TELEPHONE, CABLE AND ELECTRIC UTILITIES SHALL BE... INSTALLED AS SPECIFIED BY THE RESPECTIVE UTILITY.
 10. NO OPEN BURNING SHALL BE DONE EXCEPT AS PERMITTED... DURING BURNING SEASON UNDER THE FIRE DEPARTMENT REGULATIONS.
 11. NO UNDERGROUND FUEL STORAGE SHALL BE INSTALLED EXCEPT... AS OTHERWISE ALLOWED BY TOWN REGULATIONS.
 12. THE CONTRACTOR SHALL CONTACT D&G SCALE AT LEAST 72... HOURS PRIOR TO COMMENCING ANY EXCAVATION.
 13. THE FOLLOWING WAIVERS TO THE PLANNING BOARD'S RULES AND REGULATIONS GOVERNING THE... SUBDIVISION OF LAND HAVE BEEN GRANTED THROUGH THIS APPROVAL.
 14. WAVERLY ROAD OF UTILITY POLES SHALL NOT INTERFERE WITH THE SIGHT DISTANCE ALONG... THE ROAD.
 15. A CONSTRUCTION SCHEDULE FOR WORK WITHIN WAVERLY ROAD SHALL BE PROVIDED TO TOWN... PLANNER AND DIVISION OF PUBLIC WORKS FOR REVIEW AND APPROVAL.
 16. FOR AREAS IN WHICH THE ROADWAY DOES NOT EXCEED 5% GRANITE CURBING SHALL NOT BE... REQUIRED. HOWEVER, A 3' GRASS STRIP SHALL BE PROVIDED ON THE NORTH SIDE OF THE RIGHT OF WAY TO SEPARATE THE SIDEWALK FROM THE ROADWAY.

- INDEX**
- SHEET 1 OF 6 ~ COVER SHEET
 SHEET 2,3 OF 6 ~ PLAN OF LOTS
 SHEET 4,5 OF 6 ~ GRADING & PROFILE PLAN
 SHEET 6 OF 6 ~ CONSTRUCTION DETAILS

DEFINITIVE SUBDIVISION PLAN
DEN ROCK VIEW
 IN
NORTH ANDOVER, MA.
 REGISTERED PLAN # 12180
 4PT WAVERLY ROAD, NORTH ANDOVER, MA
CHRISTIANSEN & SERGI REGISTERED PROFESSIONAL ENGINEERS
 100 SUMMER STREET, HAVERHILL, MA 02345 TEL: (508) 373-0340

APPROVED BY CONVEYANT CONDITIONS SET FORTH IN A COVENANT EXECUTED HERETHIN:
 DATED: 3/17/92
 BY: *Grasda R. Gonda*

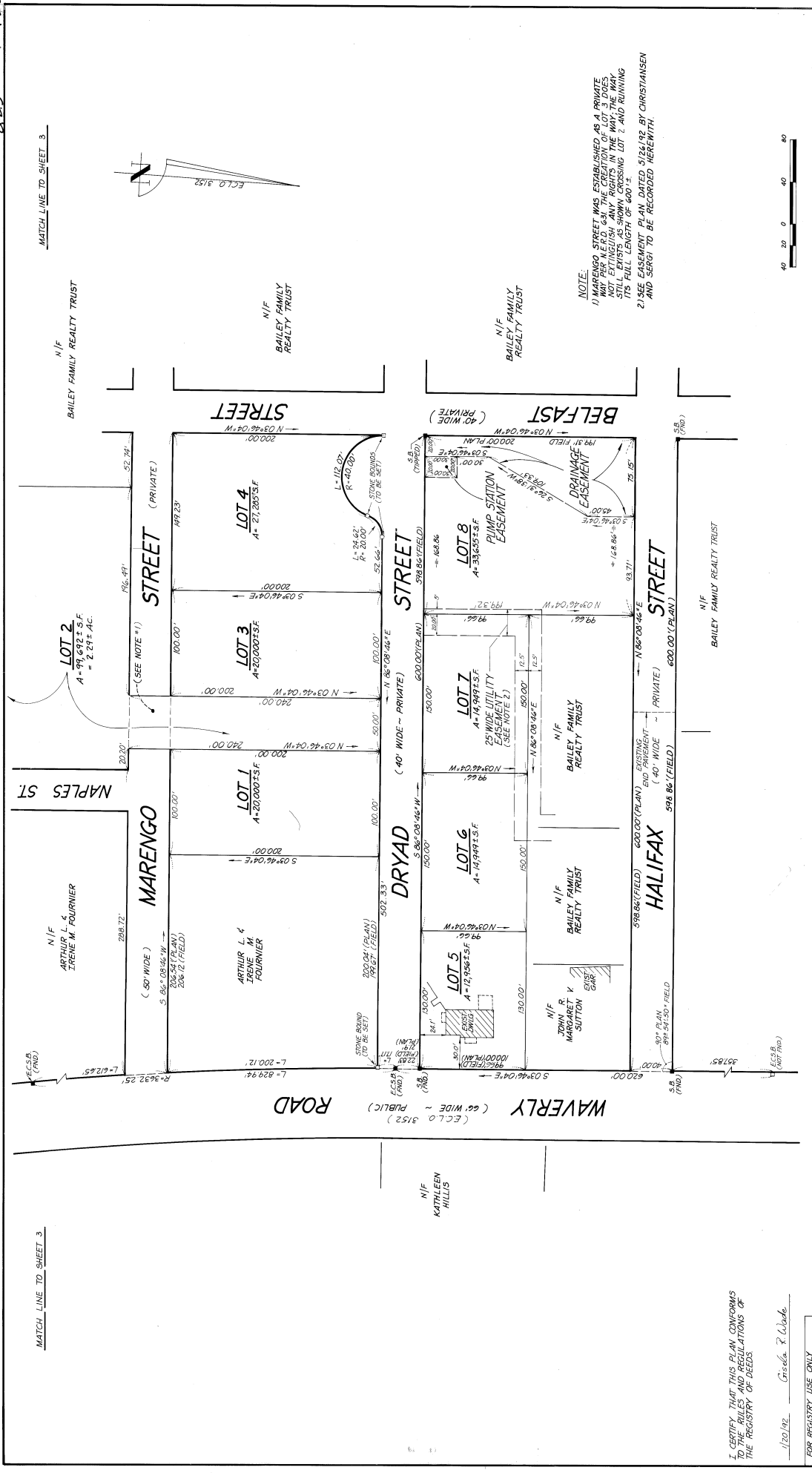
NORTH ANDOVER PLANNING BOARD
 PLAN APPROVED: 3/17/92
 HEARING DATE: 3/24/92
 FINAL PLAN FILED: 3/17/92
 APPLICATION FILED: 3/17/92
 BOARD OF HEALTH APPROVAL: 3/17/92

REGISTERED PROFESSIONAL LAND SURVEYOR
 REGISTERED PROFESSIONAL ENGINEER
 REGISTERED PROFESSIONAL ENGINEER
 REGISTERED PROFESSIONAL ENGINEER

DATE: 10-5-92
 APPROVED BY CONVEYANT CONDITIONS SET FORTH IN A COVENANT EXECUTED HERETHIN:
 DATED: 3/17/92
 BY: *Grasda R. Gonda*

MATCH LINE TO SHEET 3

MATCH LINE TO SHEET 3



NOTE:
 1) MARENGO STREET WAS ESTABLISHED AS A PRIVATE WAY PER N.E.D. 631. THE CREATION OF LOT 3 DOES NOT AFFECT THE EASEMENT RIGHTS IN THE WAY. THE WAY STILL EXISTS AS SHOWN. THE FULL LENGTH OF 600' IS ITS FULL LENGTH OF 600'.

2) SEE EASEMENT PLAN DATED 5/24/92 BY CHRISTIANSEN AND SERGI TO BE RECORDED HEREWITH.

DEFINITIVE SUBDIVISION PLAN		PLAN OF LOTS
DEN ROCK VIEW		
NORTH ANDOVER, MA.		DATE: JAN 20, 1992
BAILEY FAMILY REALTY TRUST		REVISIONS:
499 WAVERLY ROAD, NORTH ANDOVER, MA		DATE:
CHRISTIANSEN & SERGI		SCALE: 1" = 40'
180 SUMMER STREET - HAWTHORNE, MA 01840 TEL: (508) 773-2010		SHEET: 2 OF 6

APPROVED TO CONVEY THE CONDITIONS SET FORTH IN A COVENANT EXECUTED BY: *[Signature]* DATED: 10-5-93 TO BE RECORDED HEREWITH.

APPROVED TO CONVEY THE CONDITIONS SET FORTH IN A COVENANT EXECUTED BY: *[Signature]* DATED: 10-5-93 TO BE RECORDED HEREWITH.

NORTH ANDOVER PLANNING BOARD
 APPLICATION FILED: 3/14/92
 FINAL PLAN FILED: 6/1/92
 HEARING DATE: 3/24/92
 PLAN APPROVED: 7/17/92
 APPROVAL: 3/17/92

PROFESSIONAL ENGINEER
 STATE OF MASSACHUSETTS
 CHRISTIANSEN & SERGI

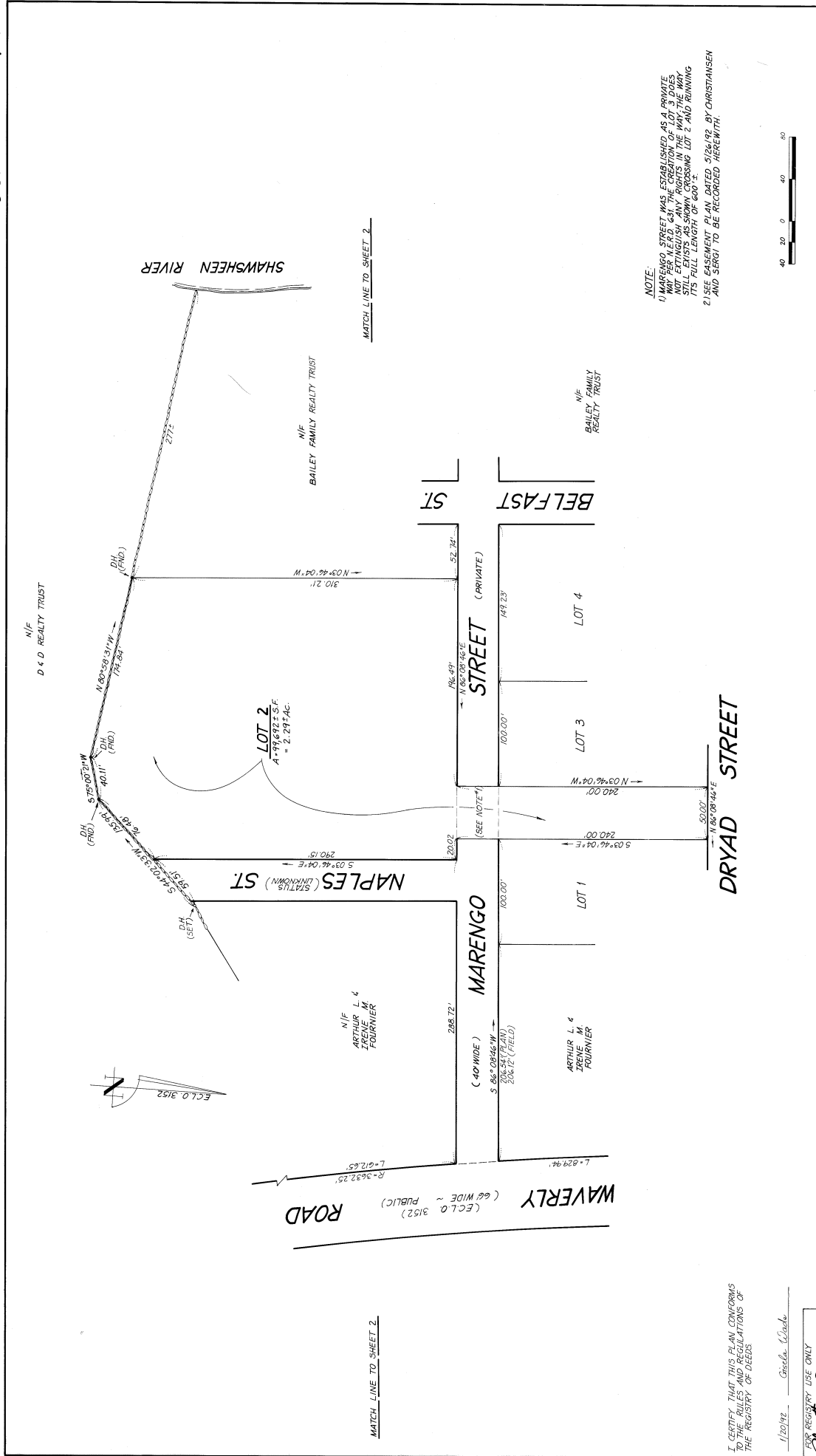
TOWN OF NORTH ANDOVER
 OFFICE OF THE TOWN CLERK

THIS IS TO CERTIFY THAT ON 12/18/92 I RECEIVED FROM THE NORTH ANDOVER REGISTER OF DEEDS A COPY OF THIS PLAN FOR APPROVAL. AS THIS CERTIFICATION OF APPROVAL OF THIS CERTIFICATION OF APPROVAL HAS BEEN RECEIVED AND THE THIRTY (30) DAYS NEXT FOLLOWING THE DATE OF RECEIPT OF THIS CERTIFICATION OF APPROVAL HAVE EXPIRED, I HAVE RECEIVED NO NOTICE OF AN APPEAL FROM SAID REGISTRAR.

1/20/92
 Cecelia F. Wade
 Register of Deeds

12180 225

I CERTIFY THAT THIS PLAN CONFORMS TO THE REGULATIONS OF THE REGISTER OF DEEDS.



NOTE:
 1) MARENGO STREET WAS ESTABLISHED AS A PRIVATE WAY IN 1871. IN 1963, THE CREATION OF LOT 2 DOES NOT EXIST AS A PRIVATE WAY. THE PROPERTY STILL EXISTS AS SHOWN CROSSING LOT 2 AND RUNNING ITS FULL LENGTH OF 600'-0".
 2) SEE EASEMENT PLAN DATED 5/26/92 BY CHRISTIANSEN AND SERGI TO BE RECORDED HERewith.

DEFINITIVE SUBDIVISION PLAN		PLAN OF LOTS
DEN ROCK VIEW IN NORTH ANDOVER, MA.		
RECORDING DATE	JAN 20, 1992	SCALE: 1" = 40'
REVISIONS	DATE	
BY: CHRISTIANSEN & SERGI, PROFESSIONAL ENGINEERS		SHEET 3 OF 6
180 SUMMIT STREET, HERRILL, MA 01850 TEL: (978) 513-2310		

APPROVED: [Signature]
 TOWN OF NORTH ANDOVER PLANNING BOARD
 DATE: 10-11-92

APPROVED: [Signature]
 BOARD OF HEALTH
 DATE: 10-11-92

APPROVED: [Signature]
 TOWN OF NORTH ANDOVER OFFICE OF THE TOWN CLERK
 THIS IS TO CERTIFY THAT ON 10/11/92 I RECEIVED FROM THE NORTH ANDOVER PLANNING BOARD CERTIFICATION OF ITS THE TWENTY (20) DAYS NEXT FOLLOWING I HAVE RECEIVED NO NOTICE OF ANY APPEAL FROM SAID DECISION.

APPROVED: [Signature]
 CONDITIONS SET FORTH IN A COVENANT EXECUTED BY: [Signature]
 DATED: [Signature]
 HEREWITH.

APPROVED: [Signature]
 APPLICATION FILED: 3/17/92
 FINAL PLAN FILED: 3/17/92
 HEARING DATE: 3/17/92

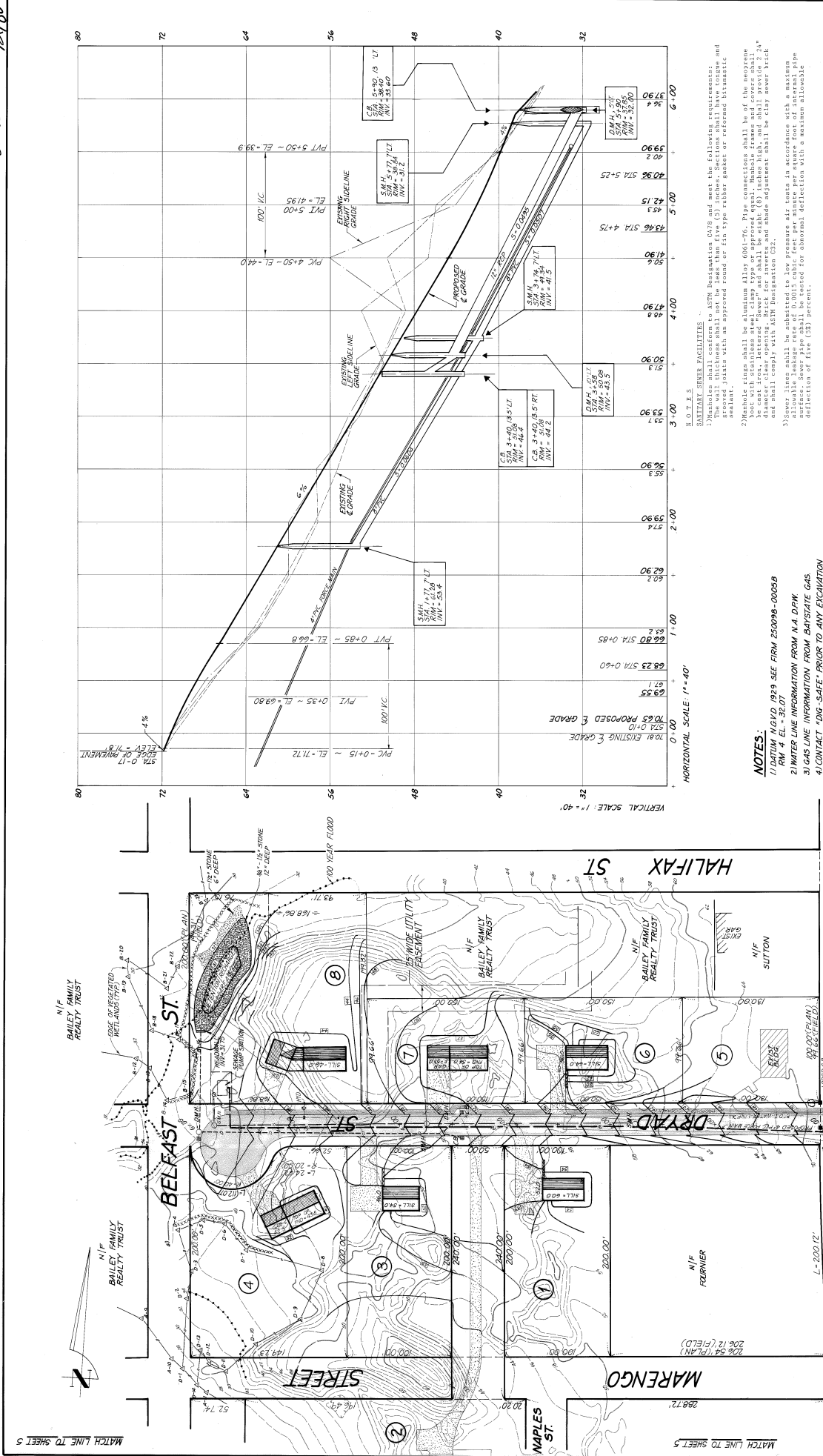
REGISTERED PROFESSIONAL LAND SURVEYOR
 [Signature]
 1/20/92

I, CERTIFY THAT THIS PLAN CONFORMS TO THE REGULATIONS OF THE REGISTER OF DEEDS.

1/20/92 Grecco, Wade

FOR REGISTRY USE ONLY
 1/21/80
 [Signatures]

2.25 12/80



DEFINITIVE SUBDIVISION PLAN
DEN ROCK VIEW
 IN
NORTH ANDOVER, MA.

GRADING & PROFILE PLAN

DATE: JAN 20, 1992
 REVISIONS: 1/1/92
 SCALE: AS NOTED
 SHEET: 4 OF 6

REGISTERED PROFESSIONAL ENGINEER
 CHRISTIANSEN & SERGI
 PROFESSIONAL ENGINEERS
 474 WALKER ROAD, NORTH ANDOVER, MA.
 60 SUMNER STREET, ANDOVER, MA 01830 TEL: (603) 573-0390

*Plan # 2180
 Registry of Public
 North West Essex County
 Registry of Deeds
 1/15/80*

NOTES:
 1) DRAINING N/D 1939 - SEE FIRM 250998-00058
 RM 4 EL. = 32.07
 2) WATER LINE INFORMATION FROM N.A. D.P.M.
 3) GAS LINE INFORMATION FROM BAYSTATE GAS
 4) CONTACT "DIG-SAFE" PRIOR TO ANY EXCAVATION OR CONSTRUCTION.

EXISTING STREETS FACILITIES:
 1) Manholes shall conform to ASTM Designation C478 and meet the following requirements:
 a) Manholes shall be constructed of cast iron with an approved round or flat type rubber gasket or approved bituminous sealant.
 2) Manhole rings shall be aluminum alloy 6061-T6. Pipe connections shall be of the neoprene be cast iron, lettered "Severe" and shall be eight (8) inches high, and shall provide 2" diameter clear opening for access. The manhole shall be constructed of 12" diameter pipe with a minimum allowable deflection rate of 0.0015 cubic feet per minute per square foot of internal pipe surface. Severe pipe shall be tested for abnormal deflection with a maximum allowable deflection of 0.4% (33' percent).

SOI LINES:
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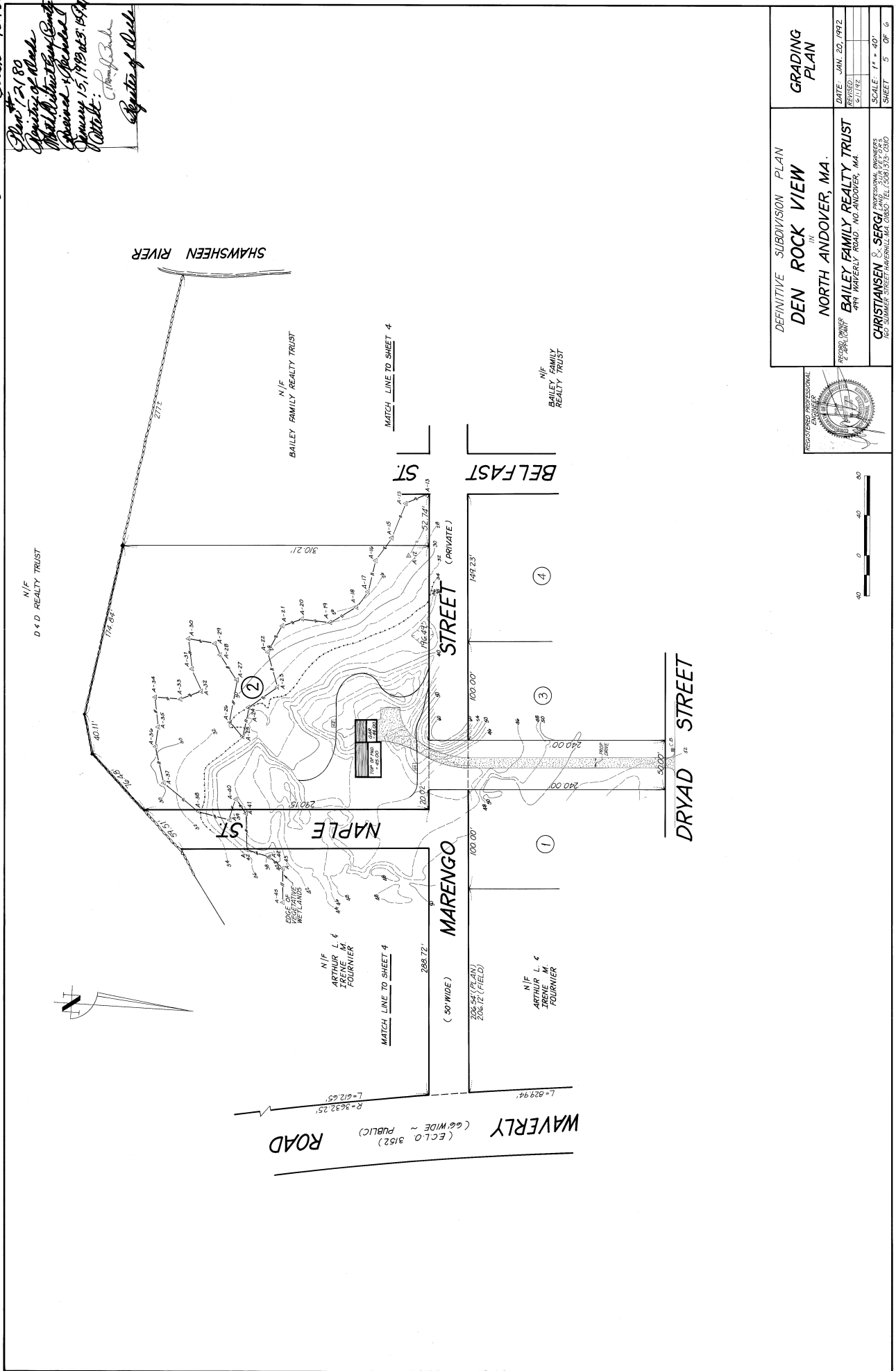
HORIZONTAL SCALE: 1" = 40'
 VERTICAL SCALE: 1" = 40'

2.25

12/80

2.25 Plan # 12180

Plan # 12180
 Opening of Block
 Westchester County
 Volume 15, 1919 p. 159
 (Block: 100 of 100)
 Register of Deeds

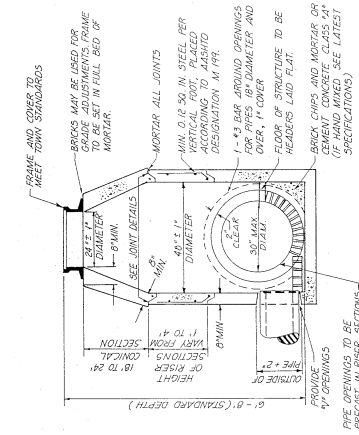


12180 2.25

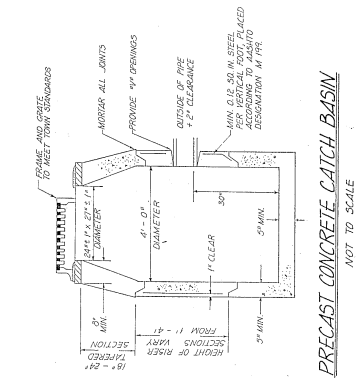
12180 2.25

DEFINITIVE SUBDIVISION PLAN DEN ROCK VIEW IN NORTH ANDOVER, MA.	GRADING PLAN
DATE: JAN. 20, 1992	DATE: JAN. 20, 1992
BY: [Signature]	BY: [Signature]
FOR: N/F BAILEY FAMILY REALTY TRUST 499 WAVERLY ROAD, N. ANDOVER, MA.	FOR: N/F BAILEY FAMILY REALTY TRUST 499 WAVERLY ROAD, N. ANDOVER, MA.
BY: CHRISTIANSEN & SERGI, INC. 160 SUMNER STREET, ANDOVER, MA 01810	BY: CHRISTIANSEN & SERGI, INC. 160 SUMNER STREET, ANDOVER, MA 01810
SCALE: 1" = 40'	SCALE: 1" = 40'
SHEET 5 OF 6	SHEET 5 OF 6

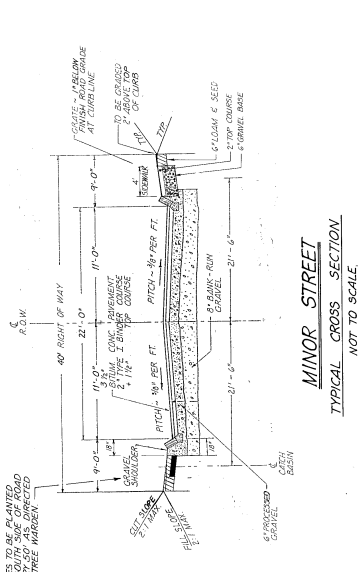




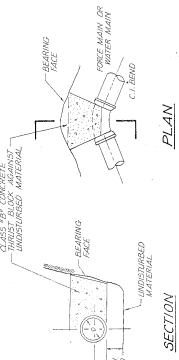
DRAIN MANHOLE
NOT TO SCALE



PRECAST CONCRETE CATCH BASIN
NOT TO SCALE



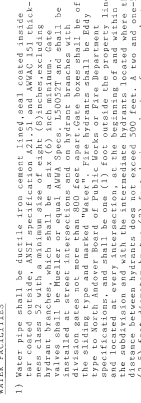
MINOR STREET SECTION
NOT TO SCALE



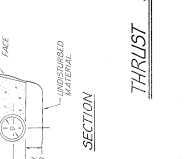
THRUST BLOCK
SECTION

THRUST BLOCK
PLAN

DENO	MINIMUM THRUST BLOCK AREA REQUIRED	MINIMUM AREA REQUIRED
90°	45.0	6 INCH
45°	9.0	9.0
22.5°	4.5	4.5
11.25°	2.25	1.5



SLOPED GRANITE EDGING
NOT TO SCALE

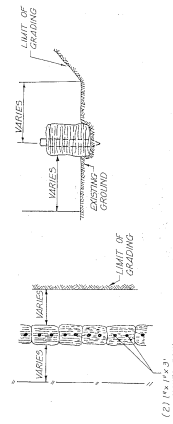


HEADWALL DETAIL
NOT TO SCALE

END ELEVATION

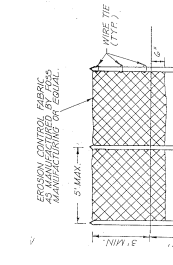
FRONT ELEVATION

PIPE DIAMETER	E-T1 SLOPE	MINIMUM SLOPE	MINIMUM SLOPE	MINIMUM SLOPE	MINIMUM SLOPE	MINIMUM SLOPE
15"	0' - 9"	1.6%	2.87	30.25	31.63	32
24"	0' - 6"	1.6%	2.87	30.25	31.63	32
36"	0' - 4"	1.6%	2.87	30.25	31.63	32
48"	0' - 3"	1.6%	2.87	30.25	31.63	32

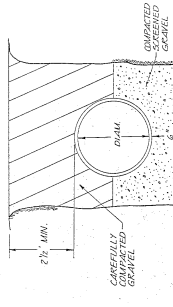


SEDIMENTATION CONTROL DETAIL
NOT TO SCALE

NOTE: TO BE PAVED AND REINFORCED. BRICKS, MORTAR, AND REINFORCING SHALL BE SPALLLED WITH LOAD AND SEED. ALL SITUATION TRAPPED BY HAY BALES IS TO BE REMOVED.



EROSION CONTROL FENCE
NOT TO SCALE



DRAIN TRENCH DETAIL
NOT TO SCALE

Plan # 72180
City of North Andover
January 15, 1992
3/15/84
Christiansen
Register of Deeds



DEFINITIVE SUBDIVISION PLAN
DEN ROCK VIEW
NORTH ANDOVER, MA.
BAILLY FAMILY REALTY TRUST
100 SUMMER STREET, FRIEBEL, MA 01862
SERGI
PROFESSIONAL ENGINEER
NORTH ANDOVER, MA
DATE: JAN 20, 1992
REVISION: 1/21/92
SCALE: NO SCALE
SHEET: 6 OF 6