PB# 82-25

Sun Refining & Marketing Co.

Sun Refining & Marketing Co.

82-25

General Receipt

5013

TOWN OF NEW WINDSOR
555 Union Avenue
New Windsor, N. Y. 12550

Nov. 5 19 82

Received of Sun Oil Co. $ 25.00/100

Twenty Five and 00/100 DOLLARS

For Application Fee 82-25

DISTRIBUTION:

FUND	CODE	AMOUNT
$ 25.00	Check	

By Pauline G. Townsend E.C.

Town Clerk

Title

General Receipt

5048

TOWN OF NEW WINDSOR
555 Union Avenue
New Windsor, N. Y. 12550

Dec. 22 19 82

Received of Sun Oil Co. $ 75.00/100

Seventy Five and 00/100 DOLLARS

For Site Plan approval 82-25

DISTRIBUTION:

FUND	CODE	AMOUNT
75.00	Check	

By Pauline G. Townsend E.C.

Town Clerk

Title

Williamson Law Book Co., Rochester, N. Y. 14609

MADE IN U.S.A.

Sun Refining & Marketing Co.
82-25

approved 7/8/82
given to T.C. office
11/22/82 ok

INTER-OFFICE CORRESPONDENCE

TO: Town Planning Board

FROM: Town Fire Prevention Bureau

DATE: 24 November 1982

SUBJECT: Site plan of Sun Oil Company

****

A special meeting of the towns Fire Prevention Bureau was held on 23 November 1982, at which time the site plan of the Sun Oil Company and the use of the Thermal Oxidizer Model 600, manufactured by AER of Ramsey, N.J. was approved.

Very truly yours,

Richard R. Hotaling

Richard R. Hotaling
Chairman

cc: Town Fire Inspector

TOWN OF NEW WINDSOR PLANNING BOARD

APPLICATION FOR SITE PLAN APPROVAL

Name SUN REFINING AND MARKETING Co.

Address 1845 WALNUT ST., PHILADELPHIA, PA 19103

1. Owner of the property SUN REFINING & MARKETING Co.

2. Location of the property: RIVER ROAD
NEW WINDSOR, N Y

3. Zone area PI - PLANT INDUSTRIAL

4. Nature of business: STORAGE AND DELIVERY OF PETROLEUM PRODUCTS.

5. Lot size: Front 470' Rear 388' Depth 704'

6. Building setbacks: Front yard 5 Rear yard _____

Side yards _____

7. Dimensions of new building _____

Addition _____

If addition, state front, side, rear of existing structure:

NATURE OF WORK: INSTALLATION OF A GASOLINE VAPOR HANDLING SYSTEM, INCLUDING A THERMAL OXIDIZER UNIT AND LOADING RACK MODIFICATIONS TO PERMIT BOTTOM LOADING OF TANK TRUCKS.

I do hereby affirm that all fees, permits and charges applicable under the laws and ordinances of the State of New York and the Town of New Windsor will be paid and that any expense for advertising of Public Hearing or meetings will be paid. Also, any legal or engineering fees for review of this project.

Signed: S. W. Clarke, FIELD ENGR.
(APPLICANT)

Maps Required for:

Planning Board _____
Highway Dept. _____
Sanitation Dept. _____
Water Dept. _____
County Planning Board _____
Building Inspector _____

Action of the Zoning Board of Appeals

Phila Pa 215-972-2941
Home 518-371-9461

D-527-1

NEWBURGH, NEW YORK

NEWBURGH & NEW WINDSOR TURNPIKE

OCCUPANCY: BULK PLANT

SCALE: AS SHOWN

Deeded from
Newburgh Gas and Oil Co. Inc.
to
Sun Oil Company
July 1, 1931

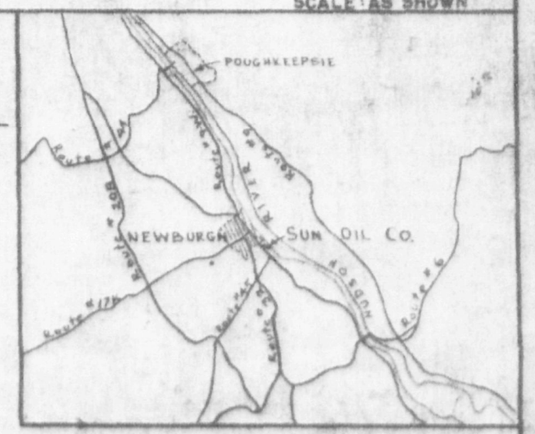
Note: On January 30, 1931 the Town of New Windsor gave a Quit Claim deed to Newburgh Gas & Oil Co. Inc., re: abandoned highway.

On January 10th & 24th, 1931 there was an exchange of small parcels of land between Newburgh Shipyards Inc. and Newburgh Gas & Oil Co. Inc. - In January of 1932 the property was resurveyed because of an error in the original survey. - This map is in accordance with the new survey.

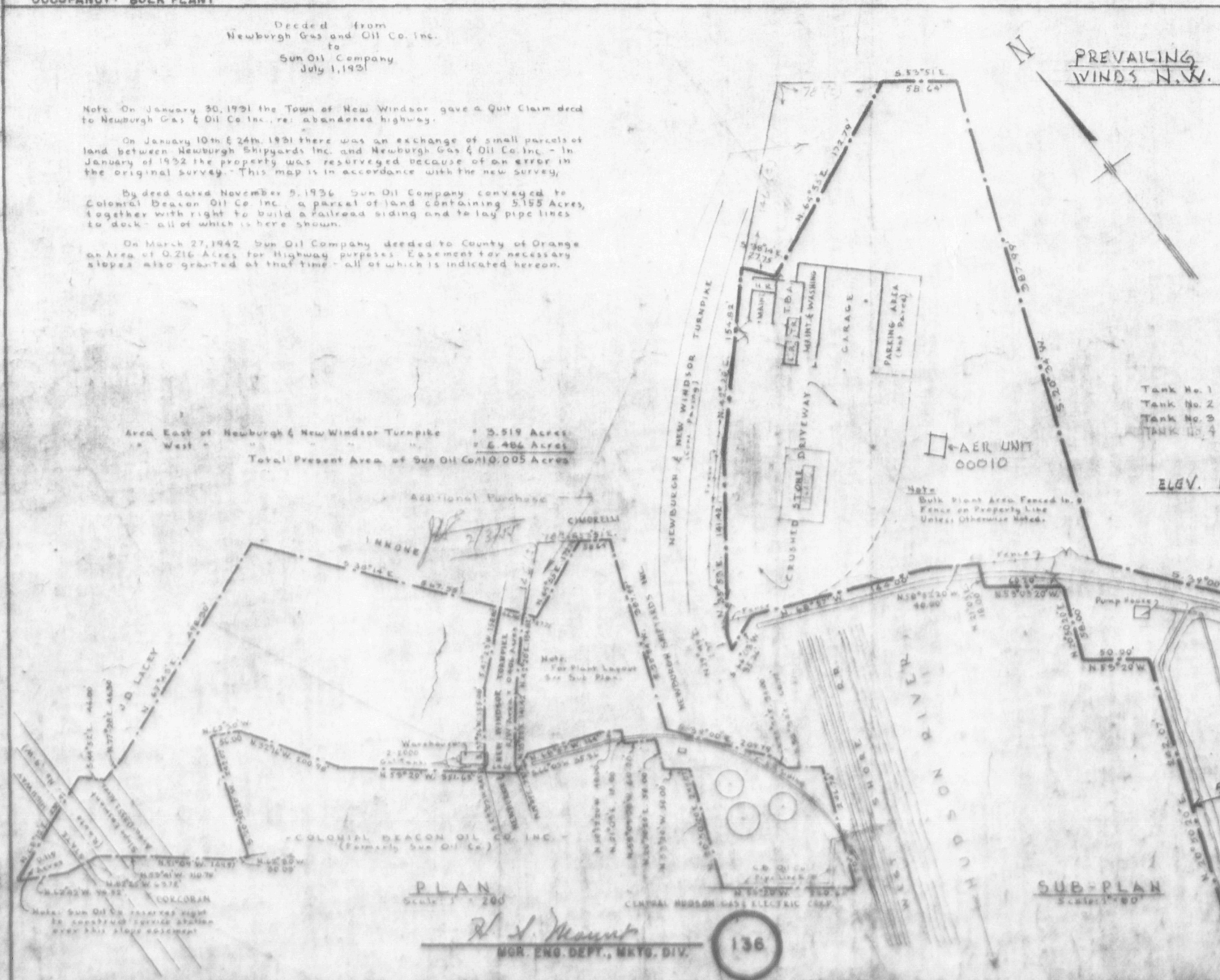
By deed dated November 5, 1936 Sun Oil Company conveyed to Colonial Beacon Oil Co. Inc., a parcel of land containing 5.155 Acres, together with right to build a railroad siding and to lay pipe lines to dock - all of which is here shown.

On March 27, 1942 Sun Oil Company deeded to County of Orange an Area of 0.216 Acres for Highway purposes. Easement for necessary slopes also granted at that time - all of which is indicated hereon.

Area East of Newburgh & New Windsor Turnpike = 3.519 Acres
" West " " " " " = 6.486 Acres
Total Present Area of Sun Oil Co. = 10.005 Acres



LOCATION PLAN
No Scale



TANKAGE SCHEDULE

Tank No. 1	50'φ x 29' High	423,335 Gals.
Tank No. 2	60'φ x 30' High	634,332 Gals.
Tank No. 3	48'φ x 29'-6" High	396,567 Gals.
Tank No. 4	60'φ x 40' High	840,000 Gals.

PLAN
Scale: 1" = 200'

SUB-PLAN
Scale: 1" = 80'

H. S. Mount
MGR. ENG. DEPT., MKTG. DIV.

136

Redrawn & Revised A.H.W. 5/10/50 Revised A.H.W. 6/8/51
Checked

TRANSFORMER POLE NYT #53 CHR. F.F. CORP. 1734 N

PARKING AREA

SERVICE HEAD 2½ RIGID COND.

GARAGE & OFFICE BLDG.

PARKING AREA

MAINTENANCE & WASH BAY GARAGE

BLACKTOP

ASSUMED B.M. FIN. F. 38K = 20.00

40'

8'

GRASS AREA

REV. 8

4" DUCTILE IRON LINE WITH MECHANICAL JOINTS FOR FUTURE FOAM SYSTEM. FIT. RISERS TO ABOVE GRADE TO BE STEEL. SLOPE DOWN TO BLDG. MIN ¼" PER 10 FEET.

INSTALL BLIND FLANGE 12" ABOVE GRADE

REV. 8

2" PURGE LINE

FREE VENT SEE DWG #72-3-11 ELEVATION

PURGE LINE VENT SEE DWG #72-3-11

LIFT

1" PILOT GAS LINE

FENCE ON PROPERTY LINE

N

BITUMINOUS DRIVEWAY (FAIR CONDITION 1969)

6' CYCLONE FENCE

(PROPOSED)

4'6"x6' CONC. PAD W/6"x6"x4" WIRE MESH FOR PROPANE TK.

OIL WATER SEPARATOR

EXIST 1-500 GAL U.G. TANK SEE DWG #5-1-A

3" VAPOR MAIN SLOPE DOWN TO U.G. TANK. CONDUIT(S) (OTHERS) TO BE INSTALLED IN THIS TRENCH.

PATCH BLACKTOP

8" S.M.H. IN 2'-6"x2'-10" CONC. MAT.

2'-8" M.H. IN 5'x5' CONC. MAT.

8" M.H. & 2" GAUGE CAP IN 3'x4'-6" CONC. MAT.

24" M.H.

8" CONCRETE FILLED PIPE BUMPERS

LOADING SLAB SEE DWG. # 72-4-9

MITER WELD

CONDUIT

J.B.

"SUPER SUNLITE" GASOLINE TRUCK UNLOADER

FOR LOADING RACK PIPING SEE DWG. 72-3-7

BLACKTOP AREA

8" REGULAR
8" SUNLITE
8" NO. 2 F.O.

POLE

2" PRODUCT RETURN FROM SUBMERSIBLE PUMP

REV. 8

SITE CURB

10" M.H.

CONC. MAT 13'x7' 5'x6" HEADWALL

ALT. CURB

TANK #3 PRESSURE RELIEF VALVE SET @ 15 P.S.I.

REV 8

2" SEE GENERAL NOTES

15 FT. GATES

NEWBURGH & NEW WINDSOR TURNPIKE

15" PIPE

TOP SLOPE

24" PIPE

DRAINAGE DITCH

FENCE ON PROPERTY LINE

HYDRANT

NOTE: INSTALL COMMON PIPE SLEEVE FOR 8" SUCT. PROD. & 2" FROM FLUSH TK.

WARNER-LEWIS 1000 G.P.M. FILTER

NO. 2 F.O. PUMP I.E. # RVE 20 350 G.P.M.

PROPERTY LINE

WEST SHORE RAILROAD RIGHT OF WAY

USED AS SUCTION WHEN FILLING TANK

TANK NO. 3
48'-4" x 29'-6" H. CONE RF.
9,500 BBLS
NO. 2 FUEL OIL

REV. 8

2" 150# SWING CHECK VALVE
2" FIG. 5 BLANK DWG. # 18-T
2" 150# FLGD. FULL PORT BALL VALVE

6" REGULAR
6" SUNLITE
6" NO. 2 F.O.

CAPS AS TANK #2

TANK NO. 1
50'-4" x 29'-11" H. CONE RF. INTERNAL FLOATING DECK INSTALLED 1977
10,000 BBL.
"SUPER SUNLITE"

8"SUPER SUNLITE

TANK NO. 2
60'-4" x 38'-11" H. CONE RF. INTERNAL FLOATING DECK INSTALLED 1977
15,000 BBL.
REGULAR

WATER DRAWOFF & SUMP

8"x6"x90° REDUCING WELD ELL

MANHOLE 6" INT'L. SAFETY VENT & GAUGE

EXIST'G

6" FILL

6" GASOLINE

6" N.F.O.

SUCTION

FILL

SEE DETAIL IN THIS AREA

SEE SHEET 72-3-8 FOR DETAILS

6" FILL

8"x6" REDUCERS

SUCT. TO SUPER SUNLITE

6" SUCT. TO REGULAR

6" DRAWOFF

6" SUCT. TO N.F.O.

8" GASOLINE PRODUCT LINE FROM DOCK. DOCK CONNECTION TO MATCH EXISTING

350' TO DOCK

PROPERTY LINE

REV 8

APT. SINGLE FLANGE TANK NOZZLE 11" ABOVE TANK BOTTOM. INSTALL BONDING & PRESSURE RELIEF PER DWG. #18-A SEE GENERAL NOTES.

TOE OF FIREWALL

8" SUCT. TO SUPER SUNLITE

8" SUCT. TO REGULAR

8" DRAWOFF

8" N.F.O.

8" SUCT. TO N.F.O.

8" SUCT. TO SUPER SUNLITE

8" SUCT. TO REGULAR

8" DRAWOFF

8" N.F.O.

8" SUCT. TO N.F.O.

SEE SHEET 72-3-8 FOR DETAILS

8" SUCT. TO SUPER SUNLITE

8" SUCT. TO REGULAR

8" DRAWOFF

8" N.F.O.

8" SUCT. TO N.F.O.

8" SUCT. TO SUPER SUNLITE

8" SUCT. TO REGULAR

8" DRAWOFF

8" N.F.O.

8" SUCT. TO N.F.O.

NOTE: FOR BONDING & PRESS. RELIEF AT TANK SEE DWG. #18-A

6" FLEXIBLE HOSE BY J.O. CO.

TANK No. 4
60'-4" HIGH
60' COVERED FLOATING ROOF
SUNLITE

Arndt & Conklin P.E. N.Y. & Pa. 029829

GENERAL NOTES

REV. 8

ACTUAL LOCATION OF FREE VENT, PURGE LINE VENT & 8" CONCRETE FILLED BUMPERS SHALL BE PER INSTRUCTIONS OF OWNERS ENGINEER.

SEE DWG.# 72-3-11 FOR DETAILS SHOWING FREE VENT, PURGE LINE VENT, PILOT GAS CONNECTION, VAPOR LINE CONNECTION TO UNIT, PIPE BUMPERS & PIPING AT UNDERGROUND TANK.

INSTALL 2" LINE FROM UNDERGROUND TANK SUBMERSIBLE PUMP ON EXISTING PIPE SUPPORTS WHERE POSSIBLE. WHERE NEW SUPPORTS ARE REQUIRED, INSTALL PER DWG. # 16-W.

ACTUAL LOCATION OF 2" NOZZLES AT TANKS # 1, # 2, FROM SUBMERSIBLE PUMP SHALL BE SPECIFIED BY OWNERS ENGINEER.

SEE DWG. #16-Y FOR INSTALLATION OF ALL UNDERGROUND PIPING.

REFERENCE DRAWINGS

REV. 8

BILL OF MATERIAL	72-3-6
NO. 2 FUEL OIL FILTER INSTALLATION	72-3-4
NO. 2 FUEL OIL PUMP INSTALLATION	72-3-5
LOADING RACK PIPING & DETAILS	72-3-7 REV. 6
F.O. & E&O PUMP MANIFOLD & DETAILS	72-3-8
CONCRETE PLANS & DETAILS	72-4-9
ANCHOR METHOD 5,500 GAL. U.G. TANK-(STD.)	5-1-A
CONC. FOUNDATION, OXIDIZER-(STD.)	72-4-12
500 GAL. U.G. TANK-(STD.)	72-5-4
DETAILS VAPOR RECOVERY CONNECTIONS	72-3-11
GENERAL ARRANGEMENT OF THERMAL OXIDIZER	3475-406-A
DETAILS OF BONDING LUGS	16-H
BELOW GRADE PIPE INSTALLATION DETAIL	16-Y
BONDING & PRESSURE RELIEF CONNECTION AT TANK	18-A REV. 2
SINGLE PIPE SUPPORT	18-W
STANDARD FIG. 8 BLANK	18-T

Site Plan APPROVAL GRANTED BY TOWN OF NEW WINDSOR PLANNING BOARD ON 11-24-82

BY Carl E. Schiefer

CARL E. SCHIEFER SECRETARY

REV. NO.	DATE	REVISIONS	MADE BY	CHK'D BY	APPR'D BY
8	9/30/82	ADDED VAPOR RECOVERY UNIT AND RELATED PIPING.	①	B.K.	M.A.K.
7	9/9/82	ADDED OXIDIZER F.D.N. ADDED ECO SALES No. TANKS, GSKT. NUTS, NEG. CHG. ②	②	B.K.	
6	2/26/82	CHANGED TK. #4 TO SUNLITE & TK. #2 TO REGULAR. ADD AS BUILT REVISIONS.	③	B.K.	
5	2/24/80	CONVERTED TK. #1 TO "SUPER SUNLITE" W/RELATED PIPING & CHANGED TK. #2 TO "REGULAR SUNLITE"	MK	B.W.H.	
4	6/18/77	INTERLOCKED PRODUCTS W/PRODUCT #2 & REVISED TYP. CONNECTION TO TANKS #1 & #2. ADDED 6" SUCTION & VENT TO TANK #3. ADDED FIELD PIPING TO CONFORM WITH "AS BUILT" DRAWING	E.L.L.		
3	6/14/77	3RD PRODUCT PIPING & RELATED PIPING ADDED SEE SPECIFICATION # 72888-2	A.L.R.	E.T.P.	
REV. NO.	DATE	REVISIONS	MADE BY	CHK'D BY	APPR'D BY

REV. NO.	DATE	REVISIONS	MADE BY	CHK'D BY	APPR'D
2	11/1/82	RELOCATED LOADING SLAB & ISLAND. ADDED 6" VAPOR LINE UNDER LOADING SLAB & NOTE RE: PRESS. RELIEF VALVE. CHANGED TK. #3 TO F.O. PUMPS AT MANIFOLD.	A.L.R.	A.W.H.	
1	5/5/82	ADDED 8" INTERNAL SAFETY & GATE VALVE ON 10" NOZZLE FOR NEW DRAWOFF AS INSTALLED ON TANK NO. 1. ALSO ADDED WATER DRAW-OFF & SUMP AS PER AS BUILT DRAWING.	F.C.	A.W.H.	
REV. NO.	DATE	REVISIONS	MADE BY	CHK'D BY	APPR'D

SUN OIL COMPANY
ENGINEERING DIVISION, GENERAL MARKETING OPERATIONS
1608 WALNUT STREET PHILADELPHIA 3, PENNA.

NEWBURGH, N.Y. BULK PLANT
FIELD PIPING (1970)

DRAWN C.L.G.S.	MANAGERS APPROVAL	DRAWING NO.	REV. NO.
CHECKED A.W.H.		72-3-6	8
DATE 7-11-69			
SCALE 1"=20'			

FORM S-788 REV. 1 PRTD. IN U.S.A.