

9/11/89

WPI + N

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 41211
A Ryan
DISTRICT 5th
DATE 3/14/89
DATE SYSTEM APPROVED 9-15-89
INSPECTOR JEN

R.L.O. Contractors / JACK FLOCK

IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS _____ PHONE 531-2288

SUBDIVISION _____ ROAD 4796 Linthicum Road LOT _____

PROPERTY OWNER _____ R.L.O. Service Center

ADDRESS _____ 4796 Linthicum Road
Dayton, Maryland

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO _____

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS _____

TRENCHES - 3' x 3' box with bull run valve installed. INSTALL 2 SYSTEMS - EACH SYSTEM CONTAINING 2-80' TRENCHES. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the first trench 235 feet down the right (392.47' lot line and 60 feet off the same lot line as seen when facing the lot from Linthicum Road. Run trenches on contour toward the rear of lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK(CW)

PLANS APPROVED BY Sid Abel DATE 12/02/88

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES!

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BUDG. PERMIT SIGNED AND RETURNED 12/3/89

Serial # 30547
2-1100 gal. fuel tanks
1-530 gal. hot water tank
1-250 gal. water tank

BUDG. PERMIT SIGNED AND RETURNED 9/8/89

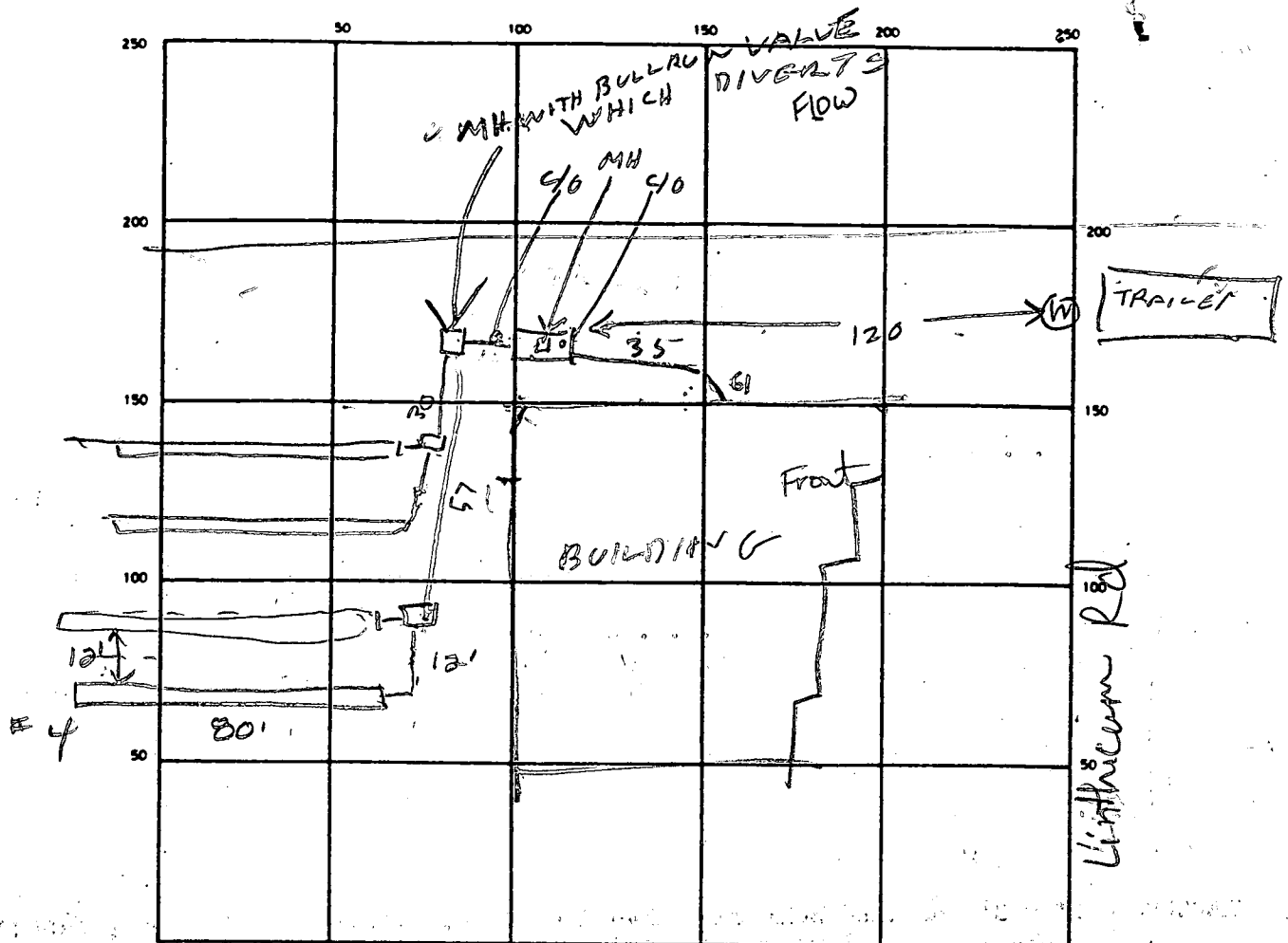
Serial # 29673

1100 gal propane tank

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

P-41211



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE
Greenbridge Rd

SEPTIC TANK. LEVEL	OK 2000	CLEANOUTS	OK	OK	OK	OK
DISTRIBUTION BOX. LEVEL	OK	Box #1 Feeds Trench #12	Box #2 Feeds Trench 3 & 4	ST/ST MANHOLE	VALVE MANHOLE	SEWER
DRAIN FIELD TILE FIELD. DEPTH	1/2 3/4 3/4	TRENCH WIDTH	2 FT.	INLET DEPTH	3 3 3 3	(pipe laid at 2 ft.)
EFFECTIVE GRAVEL DEPTH	1/2 3/4 3/4	FT.	TOTAL LENGTH	80 80 77 80	① ② ③ ④	
NUMBER OF TRENCHES	4	ONE SIDEWALL/BOTTOM AREA	480	480	162	480
DRYWELL INSIDE DIAMETER		FT.	EFFECTIVE DEPTH BELOW INLET		FT.	
ABSORBENT AREA	1902	SO. FT.				

REMARKS 9/14/89 OK TO GRANUL TRENCHES, T.C.W., 9/14/89 11440A
TRENCH #1 & 2 OK. COVER TRENCH #1 & 2 & BOX & TANK
DIG TRENCH #3 & #4 9/14/89 - TRENCH #3 OK
DIG TRENCH #4. B/H 9-15-89 Contractor states
last trench completed and all work has been
covered. JEN

DATE SYSTEM APPROVED 9-15-89 INSPECTOR Jane G. Nadeau

4/29/88
9:30 AM

PERMIT

P 41211

A REPAIR

SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT _____

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 3/14/88

DATE SYSTEM APPROVED _____

INSPECTOR _____

Bob Orndorff IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS _____ PHONE 531-2288

SUBDIVISION _____ ROAD 4796 Linthicum Road LOT _____

PROPERTY OWNER _____

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY _____ GALLONS NUMBER OF BEDROOMS _____

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED UP SO SANITARIAN CAN RECOMMEND REPAIR.

PLANS APPROVED BY C. Williams DATE 3/17/88

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL. (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

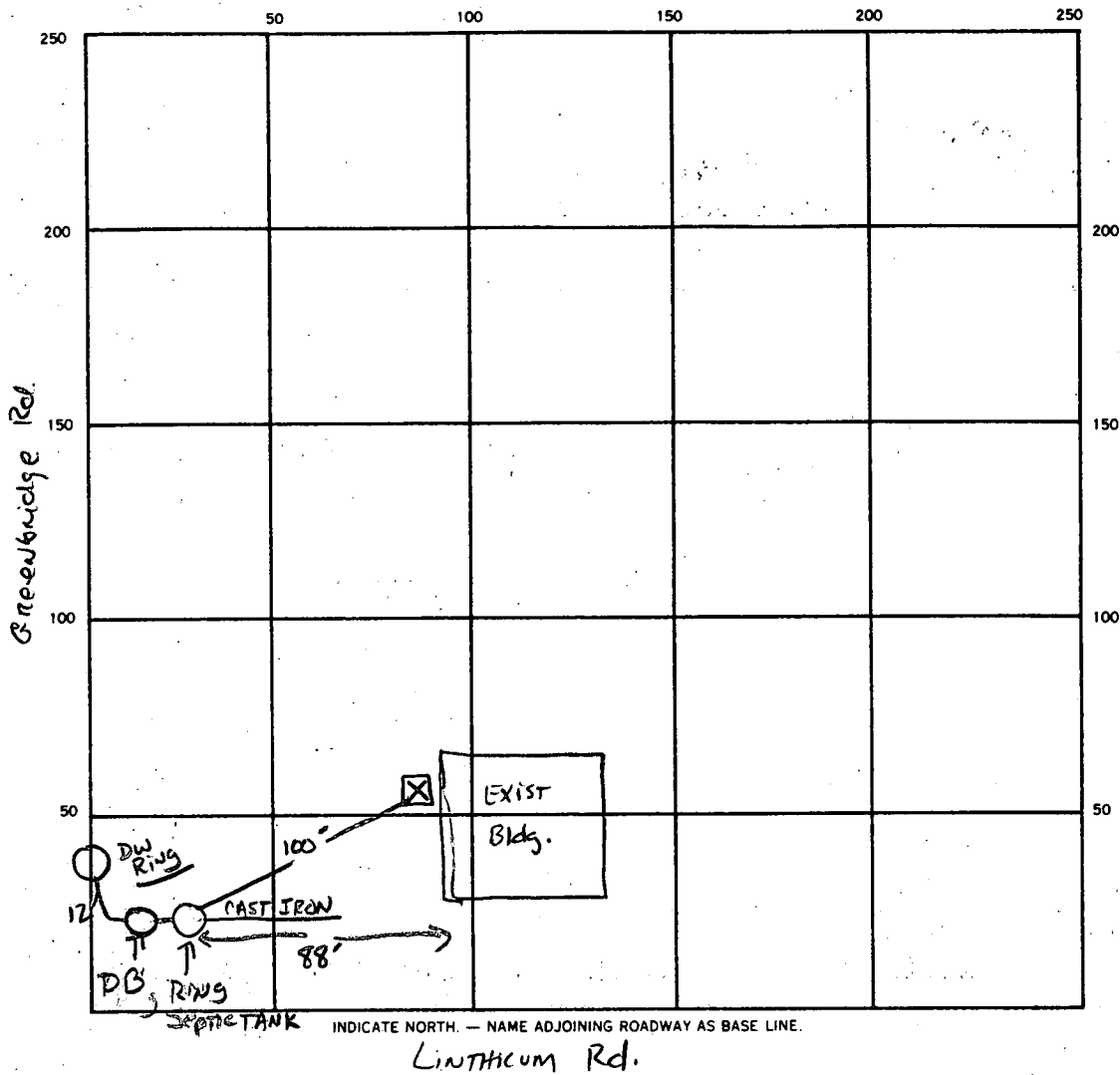
PERMIT VOID AFTER TWO YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



SEPTIC TANK. LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX. LEVEL _____

DRAIN FIELD/TILE FIELD. DEPTH _____ FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

DRYWELL INSIDE DIAMETER 7' FT. EFFECTIVE DEPTH BELOW INLET 6' Drywell → DRY TO G'

ABSORBENT AREA _____ SQ. FT.

REMARKS 3-29-88 SEPTIC TANK LOCATED. (Well Rings 7") ; DIST BOX AND 1-7"
Dry well LOCATED. ADDITIONAL Dry well ON LINTHICUM Rd side OF DB Probable
will LOCATE LATER → (ORNDORFF) - % TO BE INSTALLED ON ALL UNITS - AND ALL
PIPE REPLACED - Dry well is DRY BUT HAS RECEIVED Sewage IN PAST. SA
3-30-88 Call From BOB ORNDORFF - NO OTHER DRYWELL LOCATED ON LINTHICUM Rd. SIDE. SA.

DATE SYSTEM APPROVED _____ INSPECTOR _____

5/1/71
9:30
12:30

File

Final 5/17/71

R. Tom

IS PART OF
ORNDORFF'S EXCAVATING INC.

PERMIT

LINTHICUM RD P 15923
AT
TEN OAKS RD. A _____

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5

INDEXED

DATE 5/5/71

Jack Fyock _____ IS PERMITTED TO INSTALL _____ ALTER

ADDRESS Ten Oaks Road, Glenelg, Md. _____ PHONE 286-2939

A SEWAGE DISPOSAL SYSTEM LOCATED AT _____

SUBDIVISION _____ ROAD Linthicum (Mr. From- LOT
melt knows where this is)

PROPERTY OWNER Allen Brown _____ across from the Jewell

ADDRESS _____ (old Clayton school)

SPECIFICATIONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY _____ GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER REPAIR - Call for inspection of ground when opened so Sanitarian can

recommend repair system.

PLANS APPROVED BY F. Frommelt _____ DATE 5/5/71

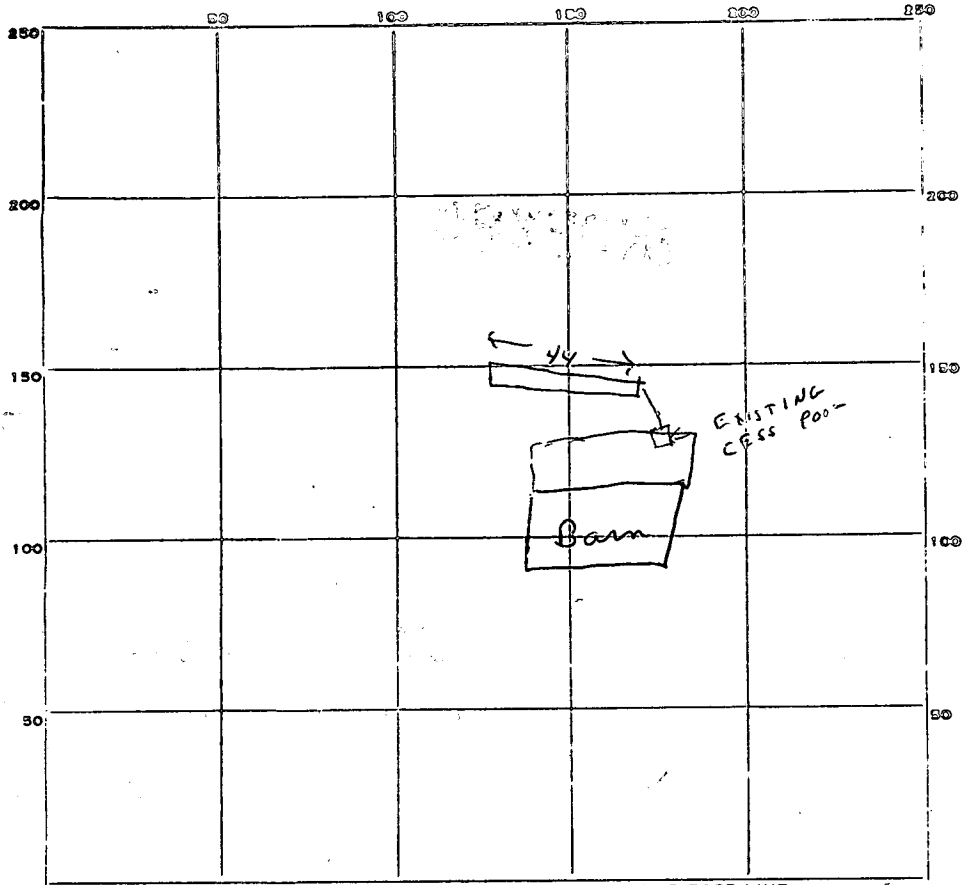
FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

recommended 50' dia, 10' deep, 6 1/2' stone

Bob Orndorff

15923



INDICATE NORTH. - NAME ADJOINING ROADWAY AS DASH LINE.

44
7 1/2
308
22
3
1302
6
5

PERMIT CARD signed

SEPTIC TANK, LEVEL _____

CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

TRENCH

IN THE FIELD, DEPTH 11 FT. TRENCH WIDTH 18 inches FT.

GRAVEL DEPTH 7 1/2 IN. TOTAL LENGTH 44 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 660 sq. ft.

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 5/2/71 - Trench 11 ft deep - 44 ft long sandy loam.

5/2/71 - 7 1/2 ft of gravel

DATE SYSTEM APPROVED 5/2/71

INSPECTOR R. Tom

APPLICATION

PERCOLATION TESTING

A Repair

P 41211

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 5TH

DATE 3-14-68

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER BOB ORNDORFF / RLO Service Center

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 4790 LINTHICUM Rd.

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG Commercial
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3-29-88 PERC SATISFACTORY - NO PLAT REQUIRED TO CERTIFY HOLES. SAW

BLDG. PERMIT SIGNED AND RETURNED 4-25-89

BLDG. PERMIT SIGNED AND RETURNED 9-6-88

BP 25180

BP 21204 Temp. TRAILER SUB

THIS IS NOT A PERMIT

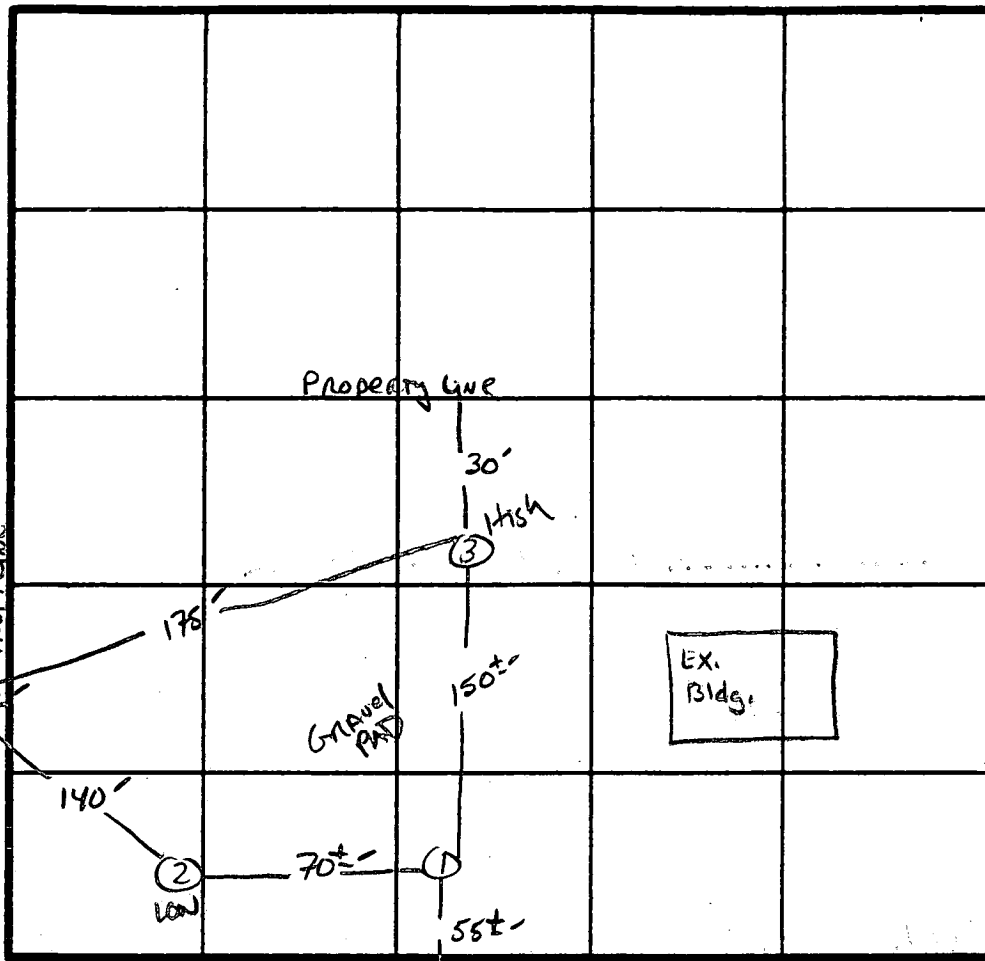
HD-216

①
SOIL PROFILE

Gravel
SURFACE
OF Fill

3-4" Yellow Red
Silty CLAY
LOW
MICACEOUS
15-20%
FRAGS
QUARTZITE

4.5-5" Yellow, Br.
Silt loam
MICACEOUS
20-25%
FRAGS



TEN
DAYS
LOADING
RATE 2 6/10
INLOT 4"
BOTTOM 9"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Green Bridge Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/29/88	1 S V	5" 12"	12:38 SEE PROFILE	12:42 - CLAY TO 4.5"	12:42	12:51	9 MIN
	2 S V	5" 13"	12:40 SIMILAR	RD #1	12:49 CLAY TO 5"	1:01	12 MIN
	3 S V	5" 18"	12:42 SIMILAR	RD 1 W/CLAY TO	12:44 4"	12:48	4 MIN

REMARKS _____

TYPE OF SOIL CHESTER

TESTED BY S. Abel ALSO PRESENT R. DRINDOAF & CO

R.L.O. Service Center

SDP-89-04

[INSTALL ALL SYSTEM ORIGINAL + REPAIRS
TOTAL # OF TRENCHES TO BE ~~EIGHT (8)~~
BULL RUN VALVE TO SPLIT TRENCHES @ UP + @ LOW

Service Bay oil discharge line CANNOT be discharged into sewage disposal field. TO BE PUT INTO SEPARATE TANK AND PUMPED.

Show well on ADJACENT PROPERTY - (LEMON DAIRY)

SDA - MUST BE 100 FE FROM ADJACENT WELL

Confirm the AREA behind service area AS GRAVEL OR CEMENT.

APPLICATION

HOWARD COUNTY

PERMIT APPLICATION

DEPARTMENT OF PUBLIC WORKS
BUREAU OF INSPECTIONS LICENSES & PERMITS
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

SERIAL NUMBER

17438

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

4776 LINTHICUM RD
ELLICOTT CITY, MD. 21036

GRADING/SEDIMENT CONTROL YES NO

DESCRIPTION OF WORK AUTHORIZED

INTERIOR REMODEL
REAR WALKWAY
FLOORING, CROWN MOULDING
EXTERIOR BRICK VENEER

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
---------	------------	------	------	-----------	-------	-------

SUB DIVISION	ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.
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OWNER'S NAME AND ADDRESS
Dayton Development Group
PHONE NO. 410-341-3444

OCCUPANT'S NAME AND ADDRESS
R.H.O. Construction
PHONE NO. 301-572-1400

ARCHITECT OR ENGINEER'S NAME AND ADDRESS
NONE

CONTRACTOR'S NAME AND ADDRESS
Dayton Development Group
PHONE NO. 410-341-3444

EXISTING USE
Vacant Office

PROPOSED USE
Office

EST. CONSTRUCTION COST
\$32,000

LICENSE NUMBER
PERMIT FEE

W/S CODE

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE

SIDE YARD
(DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)

DISTANCE IN FEET FROM SIDE STREET R/W LINE TO SIDE BUILDING LINE

DISTANCE IN FEET, REAR YD. REQUIRING SET BACK

CONDITIONS (IF ANY) (CORNER LOT ONLY)

Checks payable to DIRECTOR OF FINANCE OF HOWARD COUNTY

SDP #

CAUTION
To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.

Use and occupancy permit must be applied for two weeks before it will be issued.

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
---------------	-------	-------	--------

TYPE OF BLDG.	AREA	VOLUME	ROOF
---------------	------	--------	------

B. ROOMS			
ROOMS			
BATHS			
FIREPLACES			

FOOTINGS	FOUNDATION	S. WALLS
----------	------------	----------

UTILITIES	WATER/WELL	SEWER/SEPTIC	GAS	ELECTRICITY	TYPE OF HEAT	AC
-----------	------------	--------------	-----	-------------	--------------	----

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Bureau of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in this application; and that no work will be covered up until such inspections have been complied with.

Signature: *James D. ...*
TITLE: *...*
DATE: *4/6/88*

FUNCTION	DATE	SIGNATURE APPROVAL
----------	------	--------------------

ZONING/PLANNING

SHA

SEDIMENT/GRADING

BUILDING OFFICIAL

WATER & SEWER

HEALTH DEPT. *4/6/88* *Coy Wild*

FIRE PROTECTION

STORM WATER MGM.

APPLICATION

**HOWARD COUNTY
PERMIT APPLICATION**

DEPARTMENT OF PUBLIC WORKS
BUREAU OF INSPECTIONS LICENSES & PERMITS
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

SERIAL NUMBER

25180

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)
4790 LINTHICUM ROAD
DARTON MD. 21029

GRADING/SEDIMENT CONTROL YES NO *87-27*
SDP #

DESCRIPTION OF WORK AUTHORIZED
2 STORY 12'x24' METAL
3 CMU SERVICE CNTR.

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
	39			3	1-27	110

SUB DIVISION	ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.
R.L.D. SERVICE CENTER	BC	22	5	6051

OWNER'S NAME AND ADDRESS PHONE NO.
R.D. SERVICE CENTER INC.
4791 TOWN HALL RD.
DARTON MD. 21029 (301) 531-2388

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
FIRST FLOOR	12'	11'	12'
2ND FLOOR	12'	4'	10'

OCCUPANT'S NAME AND ADDRESS PHONE NO.
SAME AS OWNER

TYPE OF BLDG.	AREA	VOLUME	ROOF
3 ROOMS GARAGE	7,700	154,000	METAL
2 ROOMS OFFICE	3,750	45,000	
BATHS			
FIREPLACES (STOVE)	3,750	27,500	

ARCHITECT OR ENGINEER'S NAME AND ADDRESS PHONE NO.
ARCHITECTURAL TECHNICALS
3150 RT. 173 #114
CLUMBER MARYLAND 21043 (301) 712-4367

FOOTINGS	FOUNDATION	S. WALLS
12'x24" CMU	12" CMU	

CONTRACTOR'S NAME AND ADDRESS PHONE NO.
SAME AS OWNER

UTILITIES

WATER/WELL	SEWER/SEPTIC	GAS	ELECTRICITY	TYPE OF HEAT	AC
			X	HEAT PUMP	

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Bureau of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in this application; and that no work will be covered up until such inspections have been complied with.

EXISTING USE VACANT LOT
PROPOSED USE NEW CONST.

SIGNATURE *Edmund K. ... ARCH.*
DATE 4-24-89

EST. CONSTRUCTION COST	LICENSE NUMBER	PERMIT FEE
\$202,000.00		

FOR OFFICE USE ONLY

W/S CODE _____
DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE _____
SIDE YARD _____
(DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)
DISTANCE IN FEET FROM SIDE STREET R/W LINE _____
TO SIDE BUILDING LINE _____
DISTANCE IN FEET, REAR YD. REQUIRING SET _____
BACK _____ (CORNER LOT ONLY)
CONDITIONS (IF ANY) _____ SDP # _____

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	4-25-89	<i>Stacy ...</i>
FIRE PROTECTION		
STORM WATER MGM.		

Checks payable to DIRECTOR OF FINANCE OF HOWARD COUNTY
CAUTION
To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.
Use and occupancy permit must be applied for two weeks before it will be issued.

APPROVED _____ DATE _____

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

Distribution of Copies:
White - Building Official
Green - Planning & Zoning

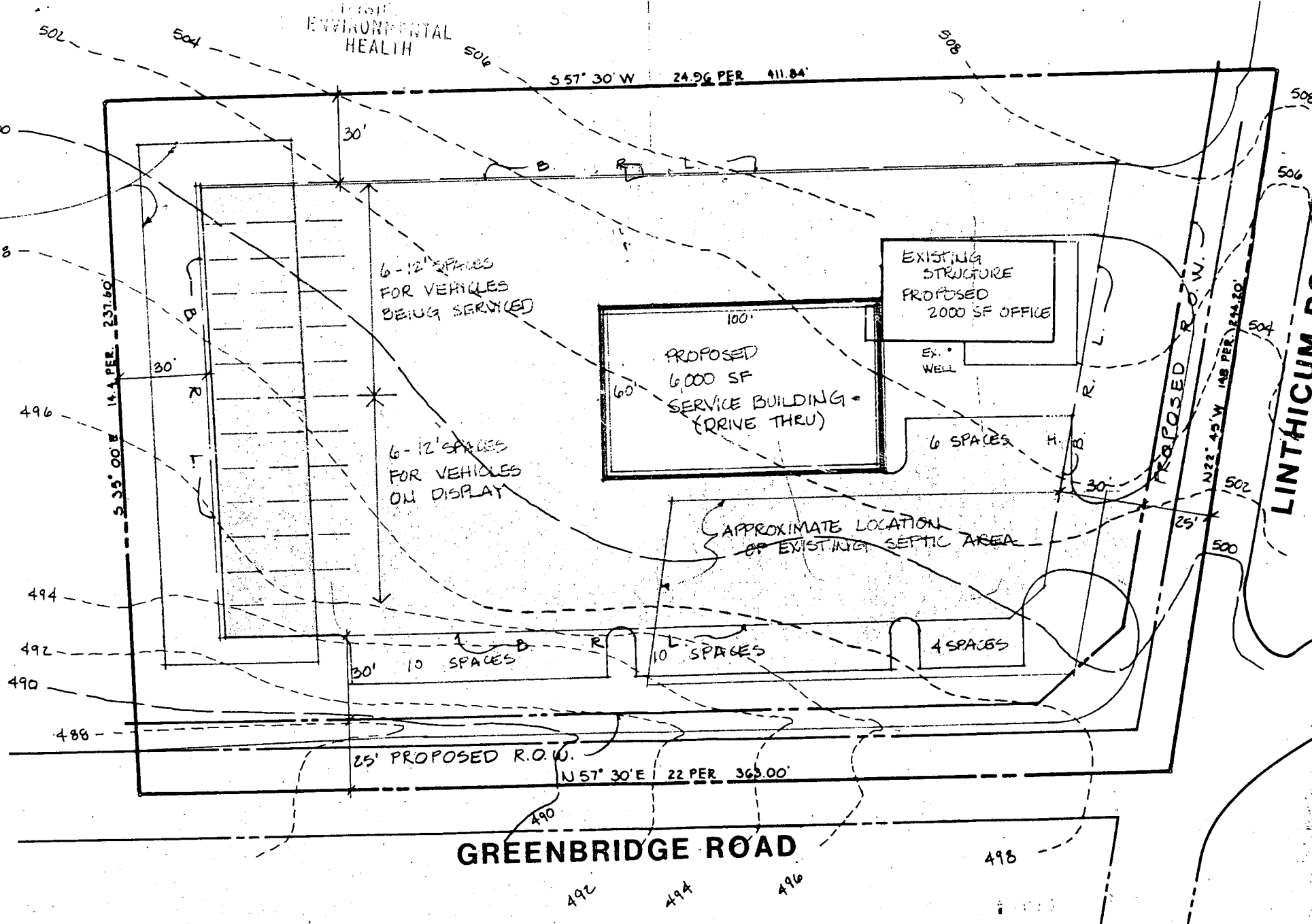
Yellow - Engineering
Pink - Health Dept.
Gold - S.M.A.

RECEIVED
HOWARD COUNTY
HEALTH DEPT

MAR 14 3 52 PM '89

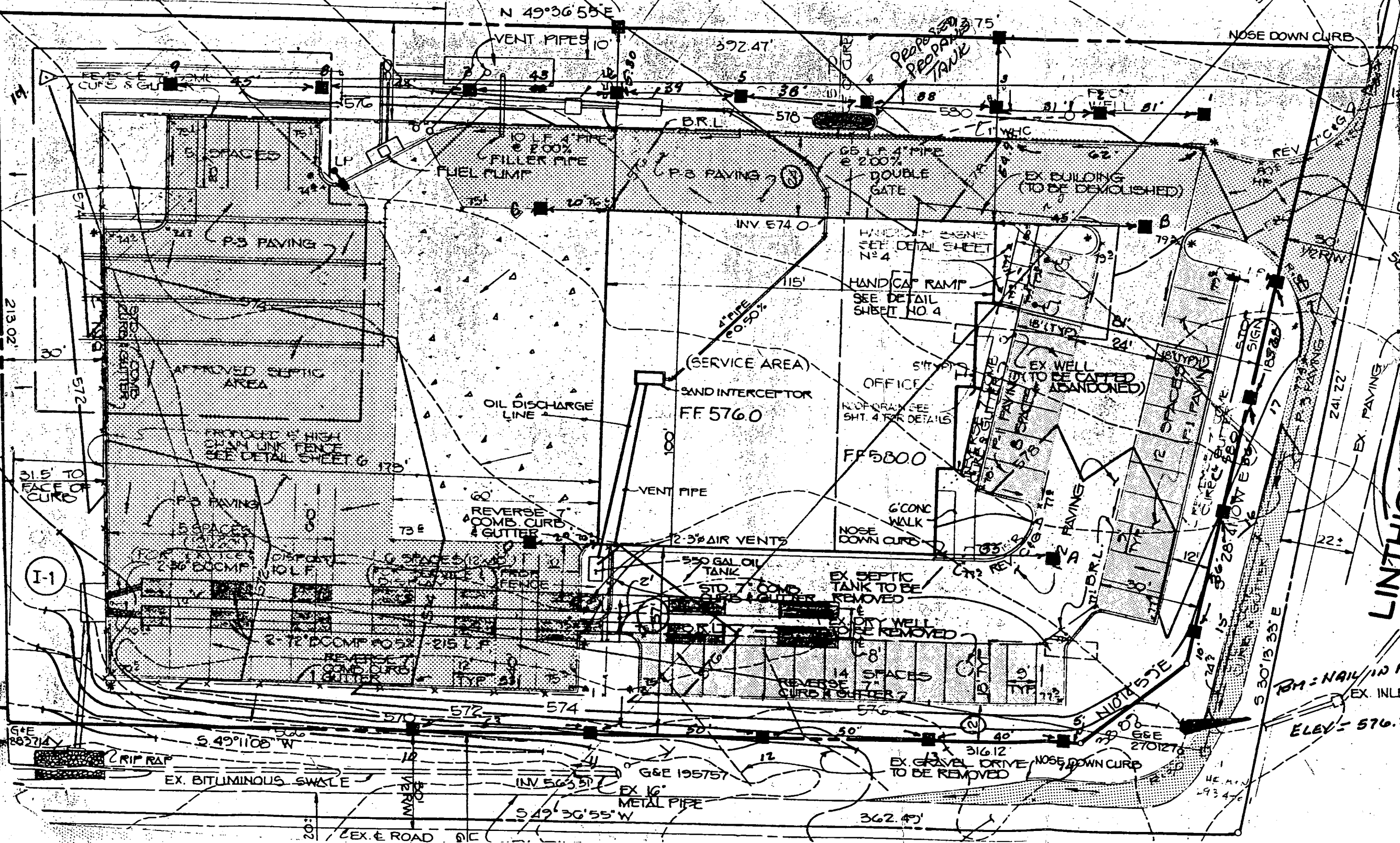
ENVIRONMENTAL
HEALTH

ESSENTIAL
SEPTIC
(AS
DEED)



GREENBRIDGE ROAD

LINTHICUM ROAD



N 49°36'55"E

NOSE DOWN CURB

PROPOSED
PROPOSED
TRANK

FUEL PUMP

LP 3 PAVING

EX BUILDING
(TO BE DEMOLISHED)

P-3 PAVING

INV 574.0

HAND CAP RAMP
SEE DETAIL SHEET
NO 4

HAND CAP RAMP
SEE DETAIL SHEET
NO 4

(SERVICE AREA)

SAND INTERCEPTOR
FF 576.0

OIL DISCHARGE
LINE

OFFICE

NO OF RAMP SEE
SHT. 4 FOR DETAILS

FF 580.0

VENT PIPE

REVERSE 7"
COMB. CURB
& GUTTER

2-3" AIR VENTS

6" CONC
WALK

NOSE
DOWN CURB

550 GAL OIL
TANK

EX SEPTIC
TANK TO BE
REMOVED

STD. 7" CONC
CURB & GUTTER

EX DITY WELL
TO BE REMOVED

REVERSE 7"
COMB. CURB
& GUTTER

14 SPACES

S. 30°13'33"E

RM = NAIL 10 F

ELEV = 576.2

213.02'

31.5' TO
FACE OF
CURB

I-1

EX. RIP RAP

EX. BITUMINOUS SWALE

INV 563.51

EX 16"
METAL PIPE

EX. GRAVEL DRIVE NOSE DOWN CURB
TO BE REMOVED

EX. ROAD

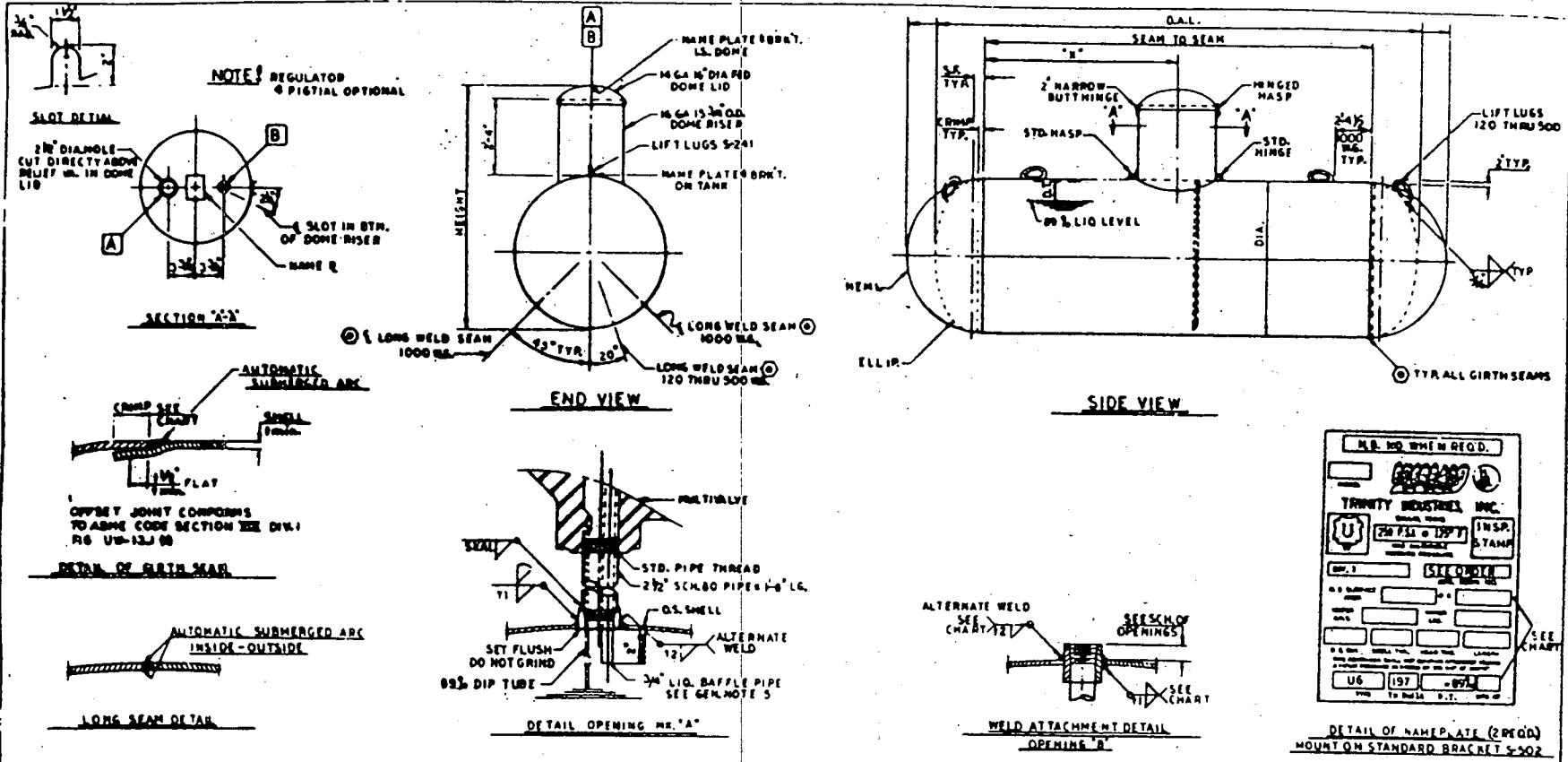
INTENT

PROPERTY OF SUBURBAN
PROPANE GAS CORP.
SHALL NOT BE COPIED
OR DUPLICATED WITHOUT
PERMISSION.

S.P.G.C. - EASTERN DIVISION
PROPANE SYSTEMS ENGINEERING
WHIPPANY, N.J.

SECTION **NS** DATE **12-81**
PAGE **31.01** SUPERSEDES

TRINITY U/G HIGH RISER



- WELD PRESS GA. IS NOT INST. INSTALL 1/2" S.P.T. PLUG IN PLACE OF 1/2" S.P.T. 2-2000 P.S.I. W/ PRESS GA. IS NOT INST.
 - SEE DETAIL OPENING NO. "A"
 - BRASS OR ALL FITTINGS TO BE CAPTED W/ APPROVED CRACKING BEFORE INSTALLING.
 - MULTIVALVE TO BE PROVIDED W/ 1/2" FIBER DIP TUBE TO BE INSTALLED IN "A" OR, AS SUPPLIED IN STANDARD CONFIG.
 - INSTALL 1/2" STANDARD WT. PIPE 2'-0" LONG IN MULTIVALVE FOR LIQUID Baffle TO PREVENT LIQUID ENTERING SERVICE VALVE WHEN FILLING.
 - W/ 1/2" PROVIDED MULTIVALVE PIPE ALREADY ASSEMBLED.
- WELD AND CONNECTIONS**
- WELD FOR LIFTED SECTION AND LONG SECTION VIII DIV I
 - DESIGN PRESSURE 150 P.S.I. - HYDROSTATIC TEST PRESSURE 175 P.S.I.
 - SPOT TACKWELDING IS REQUIRED - POST WELD HEAT TREATMENT IS NOT REQUIRED.
 - JOINT EFFICIENCY: O.S. - SHELL LONGITUDINAL SEAM
O.S. - HOLES
O.S. - DIP TUBE
 - EXTENSION OF WELD TO BE LEFT BLASTED. APPLY ONE HEAVY COAT OF ZINC RICH PAINT ON O.S. TANK AND 1.5, 6, 8, 5, 5000.
 - EXTENSION OF WELD TO BE FINISH BLENDED WITH FILTERED DRY AIR TO A MINIMUM OF 15" BACKUP AFTER FITTINGS ARE INSTALLED AND BLENDED WITH 75 PSI AIR PRESSURE FOR 30 MINUTES.
- WELDING NOTES**
- HEAD: 3000 PSI - 3000 PSI
 - W/ 1/2" - 1/2" S.P.T. 2-2000 P.S.I. W/ PRESS GA. IS NOT INST.
 - STRUCTURAL: 11
 - COMPLIANCE: 34-1972
 - PLATE: 3/16" - 3/16"

TANK SIZE		MODEL NO.	DIA.	O.A.L.	SEAM TO SEAM	HEIGHT	HEAD TYPE	HEAD THK.	S.F.	SHELL THK.	SHELL PLATE SIZE	SHELL CRIMP	V	W	X	Y	Z	WELD 11	WELD 12	O.S. SURFACE AREA SQ. FT.	RELIEF REGD. CFM	RELIEF REGD. CFM	EST. WT.	L.B.	DIP TUBE	
120	B120	2400	24.00	5-7 1/2	4-4 3/8	4'-6"	ELLIP.	.1875"	114"	.1875"	53" x 75 1/2"	1 1/8"	-	-	2-2 1/2	-	-	3/16"	3/8"	39	323	2020	400"	1000"	4.1'	26 3/8"
150	B150	2400	24.00	5-9 3/8	5-9 3/8	4'-6"	ELLIP.	.1875"	114"	.1875"	71" x 75 1/2"	1 1/8"	-	-	2-10 3/8	-	-	3/16"	3/8"	48	386	2020	470"	1250"	4.1'	26 3/8"
250	B250M	3000	30.00	7-0 3/8	5-4 3/8	5'-0"	MEML.	.1875"	-	.234"	66" x 94 1/2"	1 1/8"	-	-	2-8 7/8	-	-	3/16"	1/4"	62	474	2020	700"	2083"	5.2'	27 1/2"
325	B325M	3000	30.00	7-4 3/8	7-4 3/8	5'-0"	MEML.	.1875"	-	.234"	91" x 94 1/2"	1 1/8"	-	-	2-8 7/8	-	-	3/16"	1/4"	79	579	2020	859"	2708"	5.2'	27 1/2"
500	B500M	3700	37.00	8-1 3/8	6-9 3/8	5'-7 1/2"	MEML.	.2107"	-	.293"	83" x 117"	1 1/8"	-	-	2-4 1/2	-	-	3/16"	1/2"	98	690	2020	1198"	3165"	5.6'	28 3/8"
1000	B1000M	4020	40.20	12-6 3/8	12-6 3/8	5'-11"	MEML.	.2306"	-	.321"	77 1/2" x 128"	1 1/8"	-	-	2-3 3/8	-	-	3/8"	5/8"	174	1105	2020	2335"	6333"	7.0'	29 1/4"

TANK SIZE	MARK	Q.A.N.	SIZE	SERIES	TYPE	M.C.P.L.G.	REG	FISHER	FITTINGS	SERVICE	Q.D.	PROJ.	SEE GEN. NOTES
ALL B	1	154"	3000 #	7580D	F179	W/DRAWAL	2 1/4"	3/8"	3.6				
						W/DRAWAL							
						FLOAT GA.							
						PRESS GA.							
						SERVICE VA.							
						VAPOR							
						FILLER							
						85% LIQ. LEVEL							
						RELIEF VA.							
ALL A	1	2 1/2"	3000 #	M.C.P.L.G.	28475V0	MULTIVALVE	3/8"	1/2"	12.3A5				
						SERVICE							

TRINITY INDUSTRIES, INC.
DALLAS, TEXAS

PROPERTY OF TRINITY INDUSTRIES, INC. AND NOT TO BE REPRODUCED WITHOUT THEIR PERMISSION.

SEE ORDER

TRINITY STANDARD U/G PROPANE DOMESTIC TANKS W/ RISER 120 THRU 1000 MA.

BY: ROLAND
DATE: 12-15-70
12/23/70

SEE ORDER 5-42105

FILE NO.

SN

Mr. Robert L. Orndorff Jr.
P.O. Box 57
Dayton, Md. 21036

March 14, 1988

Bureau of Environmental Health
P.O. Box 476
Ellicott City, Md. 21043

Attention: Craig Williams

Re: 4796 Linthicum Road

Dear Craig:

This letter is to follow up on our previous conversations, February 11, 1988. As of this date or at any previous time to my knowledge, there have been no visible problems. In relation to the sewage disposal system existing at the above address. The property was previously used as a truck repair service for the Dayton Truck Service and as a terminal for K.H. Transportation. In addition to the existing structure there were two mobile home trailers, each being approximately 12' x 40'. Both trailers had plumbing with water closets and two hand sinks. To my knowledge one of the mobile house trailers was used for a private dwelling. The other was used as offices. The existing structure was used for 2 purposes, 1/2 for parts storage and service offices the other 1/2 was for the repair of trucks and trailers.

Any given time I would estimate the number of people that were using the facilities on a regular basis was 24+.

The proposed use would be approximately the same or less, (there are no plans for a mobile dwelling).

The proposed plans would have the existing structure being used for offices, and control center, accommodating a staff of around 10-12 persons on a regular hourly basis from 7:00 a.m. till 6:00 p.m. Monday thru Friday.

The plans are to add on a 6000 square foot repair facility that would accommodate 4 to 6 persons at any given time.

The previous uses as I have stated above were :

- #1. A dwelling that housed people for living purposes housing approximately 4 persons.
- #2. A truck terminal that was used by as many as 16-20 18 wheel tractor and trailer rigs, at any given time on a 7 day week schedule, with hours running around the clock.
- #3. As offices housing staff of 4-10 persons.
- #4. As repair facilities housing staff of 4-6 persons.

HEALTH
ENVIRONMENTAL

MAR 14 3 53 PM '88

HOWARD COURT
HEALTH DEPT.

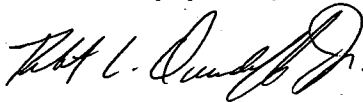
Page 2
March 14, 1988
4796 Linthicum Road

As noted on previous page the previous uses accomodated approximately 24 person on a regular basis. The new proposed uses would only have to accomodate approximately 18 persons on a regular basis.

Per your suggestions I would like to set up a repair date to explore the existing system further and to evaluate areas for additional square footage of repair area. This is important as we prepare our site development plan. At this time we have obtained a bldg permit that allows us to determine existing site and structure conditions. Our permit number is 16941, dated 3/4/88.

Your cooperation in this matter is appreciated. I look forward to hearing from you soon in order to schedule a repair date.

Sincerely yours,



Robert L. Orndorff Jr.

B 1 **7112** SEQUENCE NO. (DP USE ONLY.)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

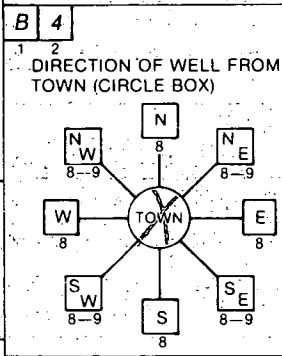
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
40-81-2282
 fill-in this form completely

Date Received (APA) **06/27/88**
 OWNER INFORMATION
ORNDORFF ROBERT
 Last Name Owner First Name
PO BOX 57
 Street or RFD
Dayton **MD21036**
 Town State Zip

B 3 LOCATION OF WELL
HOWARD COUNTY
NONE SUBDIVISION
 SECTION **---** LOT **---**
DAYTON NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **0** M I

DRILLER INFORMATION
Ralph MAYNE License No. **273**
 Firm Name **Ralph Mayne Well Drilling**
 Address **9120 Brown Church Rd. Mt Airy**
 Signature **Ralph Mayne** Date **5/30/88**



Linthicum Rd. NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH WEST EAST SOUTH
W
 DISTANCE FROM ROAD **20** ENTER FT or MI **FT**

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard COUNTY NAME **P-41211** COUNTY NO.
 STATE SIGNATURE _____ INSERT S
 DATE ISSUED **060788** CO SIGNATURE **Sunday April 12-06-88** EXP. DATE
 NORTH GRID **512000** EAST GRID **0803000**

APPROXIMATE DEPTH OF WELL **150** FEET

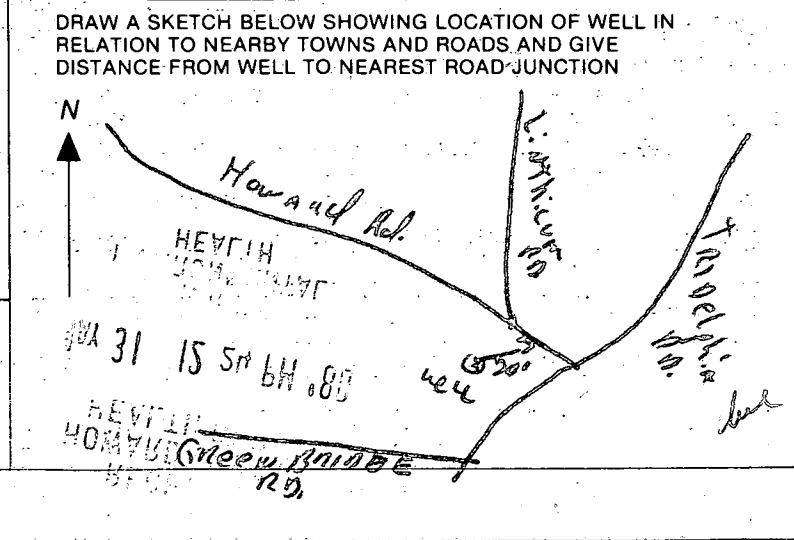
APPROXIMATE DIAMETER OF WELL **6"** NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVERSE-ROTARY DRIVE-POINT
 other _____

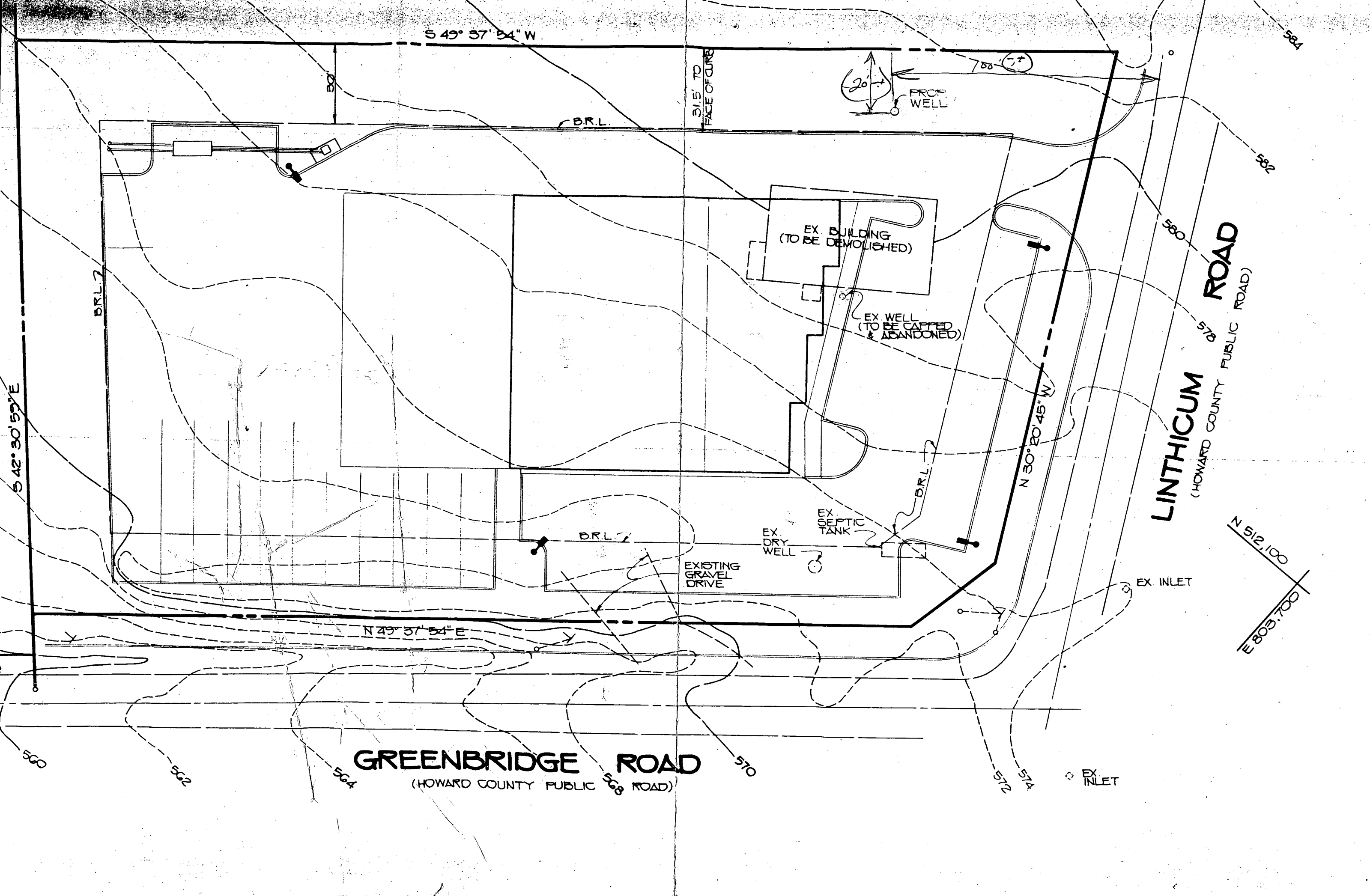
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE **SA** WRITE INITIALS IN BOX PERMIT No. **40-81-2282**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. well
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E **8003**
 N **5102**



SPECIAL CONDITIONS



S 49° 37' 54" W

S 42° 30' 59" E

B.R.L.

31.5' TO
FACE OF CURB

B.R.L.



EX. BUILDING
(TO BE DEMOLISHED)

EX. WELL
(TO BE CAPPED
& ABANDONED)

B.R.L.

EX. DRY WELL

EX. SEPTIC TANK

EXISTING GRAVEL DRIVE

B.R.L.

N 30° 20' 45" W

LINTHICUM ROAD
(HOWARD COUNTY PUBLIC ROAD)

N 512.100

E 803.700

GREENBRIDGE ROAD

(HOWARD COUNTY PUBLIC ROAD)

EX. INLET

EX. INLET

560

562

564

568

570

572

574

582

584

C1 9658 SEQUENCE NO. (DENV USE ONLY)
 1 2 3 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER P 41211 *review OK 1/2/88 CW*

DATE Received [] [] [] [] [] [] DATE WELL COMPLETED 041388
 Depth of Well 22 405 26 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" MO-81-2782

OWNER CRMODETT ROBERT
 STREET OR RFD last name LINDICUM Rd first name TOWN DAYTON
 SUBDIVISION DAY MAR JK SECTION PARCEL 21 LOT

WELL LOG
 Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Sandy	2	30	
Sand Stone	30	35	
MICKA	35	50	
Sand Stone	50	55	
MICKA	55	405	

GROUTING RECORD yes no
 WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
 TYPE OF GROUTING MATERIAL
 CEMENT CM BENTONITE CLAY BC
 NO. OF BAGS 11 NO. OF POUNDS 1100
 GALLONS OF WATER 66
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 405 ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 ST CO
 STEEL CONCRETE
 PL OT
 PLASTIC OTHER
 MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
 PL A 49

OTHER CASING (if used)
 diameter inch depth (feet) from to

SCREEN RECORD
 screen type or open hole insert appropriate code below
 ST BR HO
 STEEL BRASS OPEN HOLE
 PL OT
 PLASTIC OTHER

C2
 DEPTH (nearest ft.)
 1 HO 42 405
 2
 3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) WQ
 70 72 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

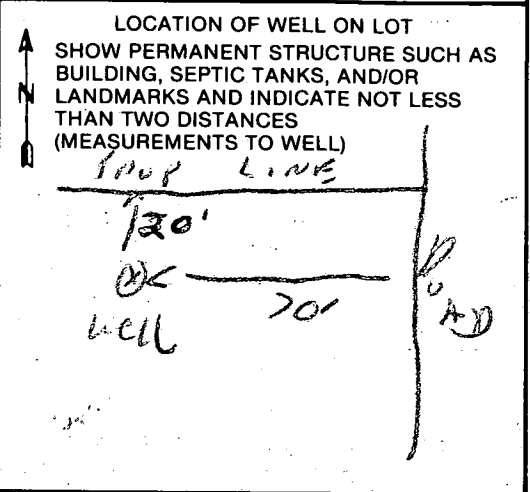
C3
PUMPING TEST
 HOURS PUMPED (nearest hour) 4
 PUMPING RATE (gal. per min. to nearest gal.) 11
 METHOD USED TO MEASURE PUMPING RATE *Pucked*
 WATER LEVEL (distance from land surface) BEFORE PUMPING 50 WHEN PUMPING 405
 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES NO
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX-SEE ABOVE: 29
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
 PUMP HORSE POWER 37 41
 PUMP COLUMN LENGTH (nearest ft.) 43 47
 CASING HEIGHT (circle appropriate box and enter casing height) + above - below LAND SURFACE 2 (nearest foot) 50 51

CIRCLE APPROPRIATE LETTER
 A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
 E ELECTRIC LOG OBTAINED
 P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 273
 DRILLERS SIGNATURE *Keith Wayne*
 (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



COUNTY

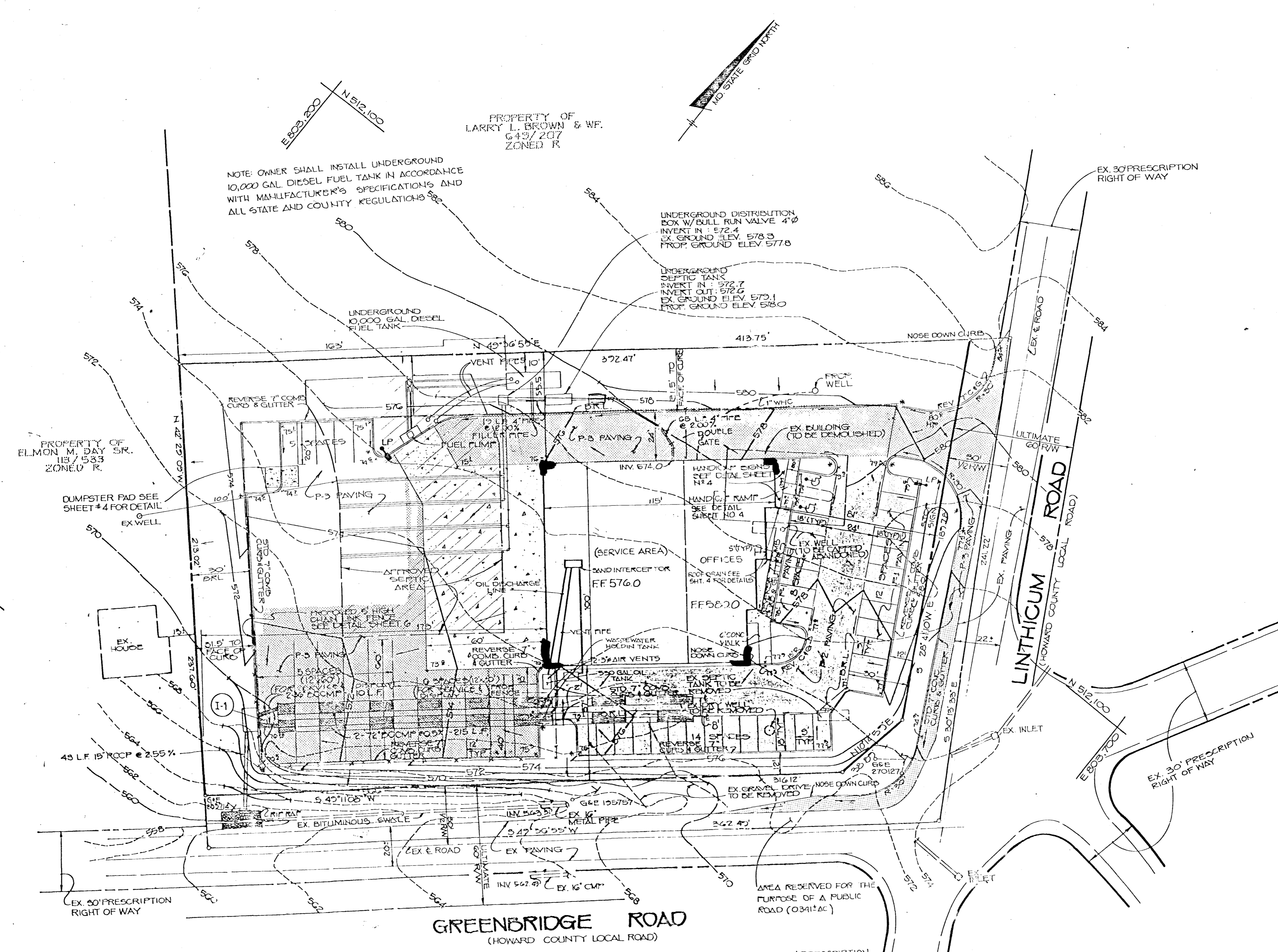
DRAINFIELD SPECIFICATIONS

1. TRENCH SHALL BE 2 FEET WIDE.
2. INLET TO TRENCHES SHALL BE 4 FEET BELOW GRADE.
3. BOTTOM OF TRENCH SHALL BE MAXIMUM DEPTH 9 FEET BELOW GRADE.
4. STONE SHALL EXTEND 5 FEET BELOW DISTRIBUTION BOX.
5. SEPTIC TANK SHALL BE 2000 GALLON PRECAST TANK AND SHALL CONFORM TO HOWARD COUNTY PLUMBING CODE REQUIREMENTS.
6. DISTRIBUTION BOX WITH BULL RUN VALVE SHALL BE 3' x 3' PRECAST BOX CONFORMING TO HOWARD COUNTY PLUMBING CODE REQUIREMENTS.
7. NO TRENCH TO EXCEED 100 FEET IN LENGTH.
8. TRENCHES TO BE INSTALLED ON LEVEL GROUND.
9. CALL FOR INSPECTIONS OF TRENCH BEFORE GRAVEL IS INSTALLED.
10. PROVIDE 2 FOOT DIAMETER MANHOLE ON SEPTIC TANK TO GRADE, SEE HOWARD COUNTY STANDARD DETAIL SD-3-91.
11. PROVIDE MONITORING PORTS AT ENDS OF TRENCHES.
12. PROVIDE 4" DIAMETER CLEANOUT AND CAP TO GRADE.
13. SEPTIC SYSTEM DESIGN:

15 EMPLOYEES x 60 GPD = 900 GPD

SUBTOTAL 900 GPD
 50% MAXIMUM FLOW FACTOR 450 GPD
 TOTAL 1350 GPD

1350 GPD - 170 GAL/SQ. FT./DAY = 711.43 SQ. FT. OF SIDEWALL AREA REQUIRED
 711.43 SQ. FT. OF SIDEWALL - 5 FT. DEEP TRENCH = 142.29 L.F.



GREENBRIDGE ROAD
 (HOWARD COUNTY LOCAL ROAD)

LINTHICUM ROAD
 (HOWARD COUNTY LOCAL ROAD)

PLAN
 SCALE 1"=30'

NOTE: INTERNAL ACCESS WILL BE PROVIDED TO MEET ALL STATE AND COUNTY HANDICAP REGULATIONS

NOTE: PROPOSED FENCE TO BE 5 FT. HIGH (OPEN CHAIN LINK TYPE) SEE HOWARD COUNTY DETAIL NO. G.8.01

LEGEND

- CONCRETE
- P-1 PAVING
- P-2 PAVING
- P-3 PAVING
- B.R.L. BUILDING RESTRICTION LINE
- L.P. LIGHT POLE

NOTE: ALL RADII ARE 5' UNLESS OTHERWISE NOTED.

* DENOTES TRANSITION FROM REVERSE CURB AND GUTTER TO STANDARD CURB AND GUTTER.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

Joseph Boyd 12-14-88
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

Joseph Boyd 12/21/88
 PLANNING DIRECTOR DATE

Marsha J. DeLong 12-21-88
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS

James M. ... 12/21/88
 DIRECTOR DATE

William R. ... 11-23-88
 CHIEF, BUREAU OF ENGINEERING DATE

OWNER/DEVELOPER

DAYTON DEVELOPMENT GROUP
 65 MR ROBERT CRANDIFF
 PO BOX 57
 DAYTON, MARYLAND 21032

PROJECT: **R.I.O. SERVICE CENTER**

AREA TAX MAP 20 ZONED - B-2 PARCEL 38
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 LIBER 1627 EOL 10 110

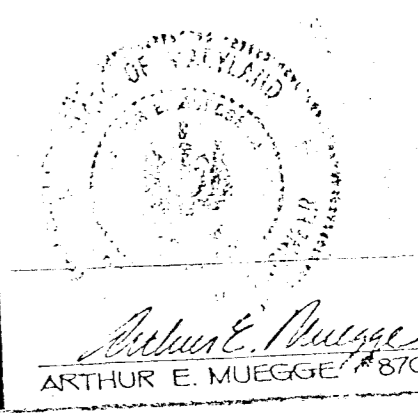
TITLE: **SITE DEVELOPMENT PLAN**

THE RIEMER GROUP, INC.
 The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm
 3105 North Ridge Road, Ellicott City, Maryland 21043 (301) 461-2690

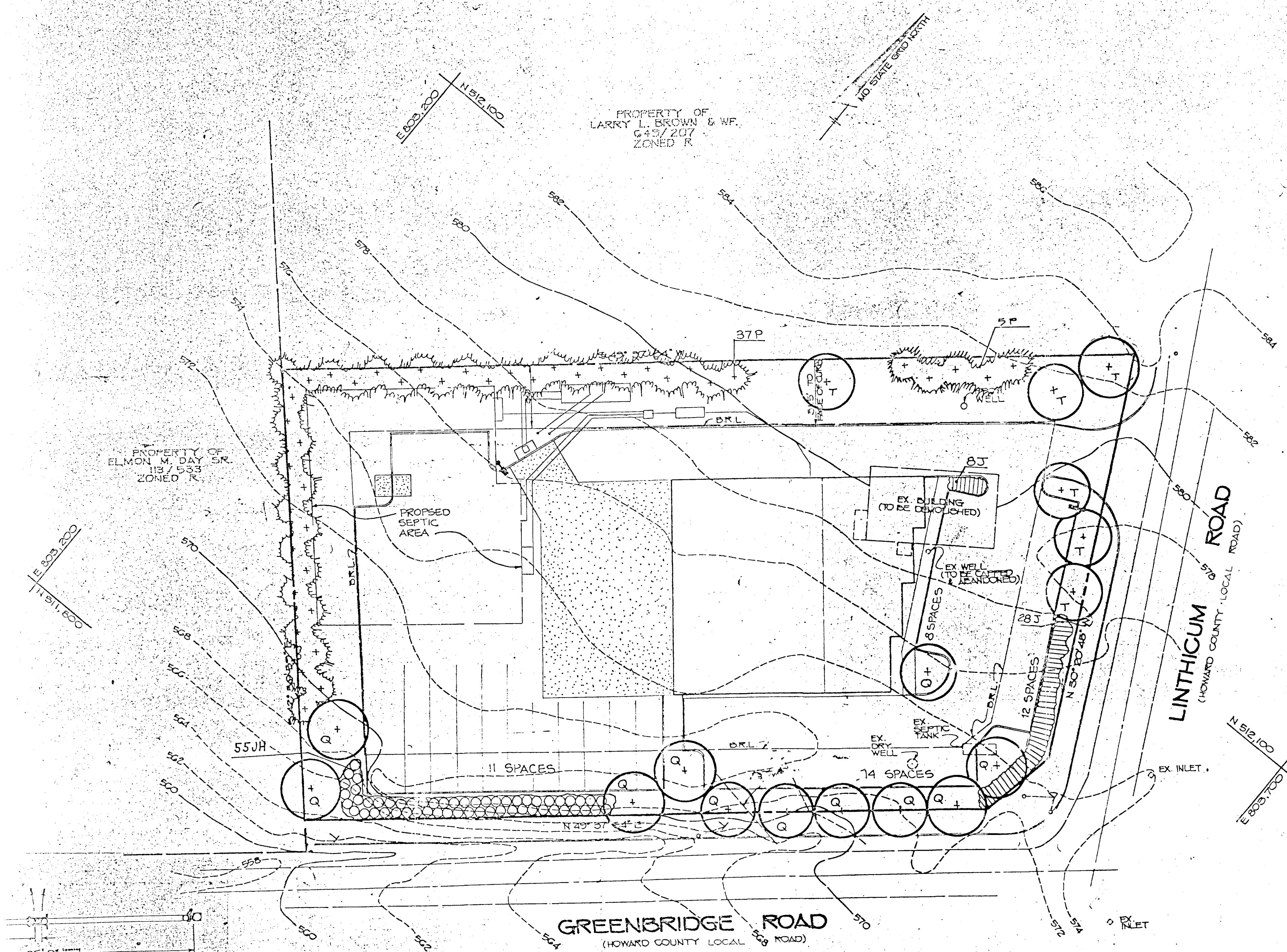
11-13-88
 DATE

DESIGNED BY: DDS
 DRAWN BY: DDS/RAW
 PROJECT NO: 53201
 DATE: JUNE, 1988
 SCALE: AS SHOWN
 DRAWING NO. 2 OF 6

APPROVED
 9-12-88
 LKS



Arthur E. Muegge, P.E.
 11-13-88



QTY.	Symbol	Name	Size	Remarks
TREES				
11	Q	QUERCUS COCCINEA Scarlet Oak	25'-3" 13'-15" Ht.	B & B Full Head
42	T	FINUS STROBUS Eastern White Pine	6'-8" Ht.	B & B Unsheared
6	T	TILIA CORDATA Littleleaf Linden	25'-3" Cal. 13'-15" Ht.	B & B Full Head
SHRUBS				
55	JH	JUNIPERUS CHIN. 'CLANCA HETZII' Hetz Blue Juniper	24"-30" Spd.	Con.
36	J	JUNIPERUS HORIZ. PLUMOSA (Dep.) Andorra Juniper	18"-24" Spd.	Con.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.

James M. Boyd 12-14-88
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

James Smith 12/21/88
PLANNING DIRECTOR DATE

Marsha S. D. Langh 12-22-88
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James W. ... 11/29/88
DIRECTOR DATE

William S. ... 11-29-88
CHIEF, BUREAU OF ENGINEERING DATE

DATE NO REVISION

OWNER/DEVELOPER *

DAYTON DEVELOPMENT GROUP
66 MR. ROBERT ORNDORFF
PO BOX 5
DAYTON, MARYLAND 21036

PROJECT: **R.L.O. SERVICE CENTER**

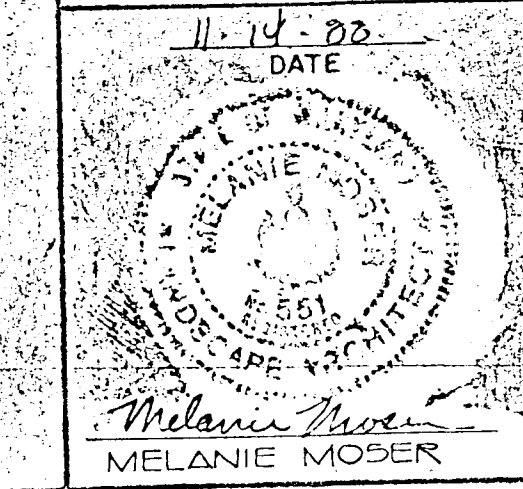
AREA: TAX MAP 20, ZONED - B-2, PARCEL 25
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
LIDEX 1027 FOLIO 110

TITLE: **PLANTING PLAN AND DETAILS**

THE RIEMER GROUP, INC.

The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm
3105 North Ridge Road, Ellicott City, Maryland 21043 (301) 461-2690

APPROVED
DIVISION OF
COMMUNITY PLANNING
& LAND DEVELOPMENT
HOWARD COUNTY,
MARYLAND
DATE: 9-12-88
LES



11-14-88 DATE

DESIGNED BY MM

DRAWN BY DDB

PROJECT NO. 53201

DATE: JUNE 30, 1988

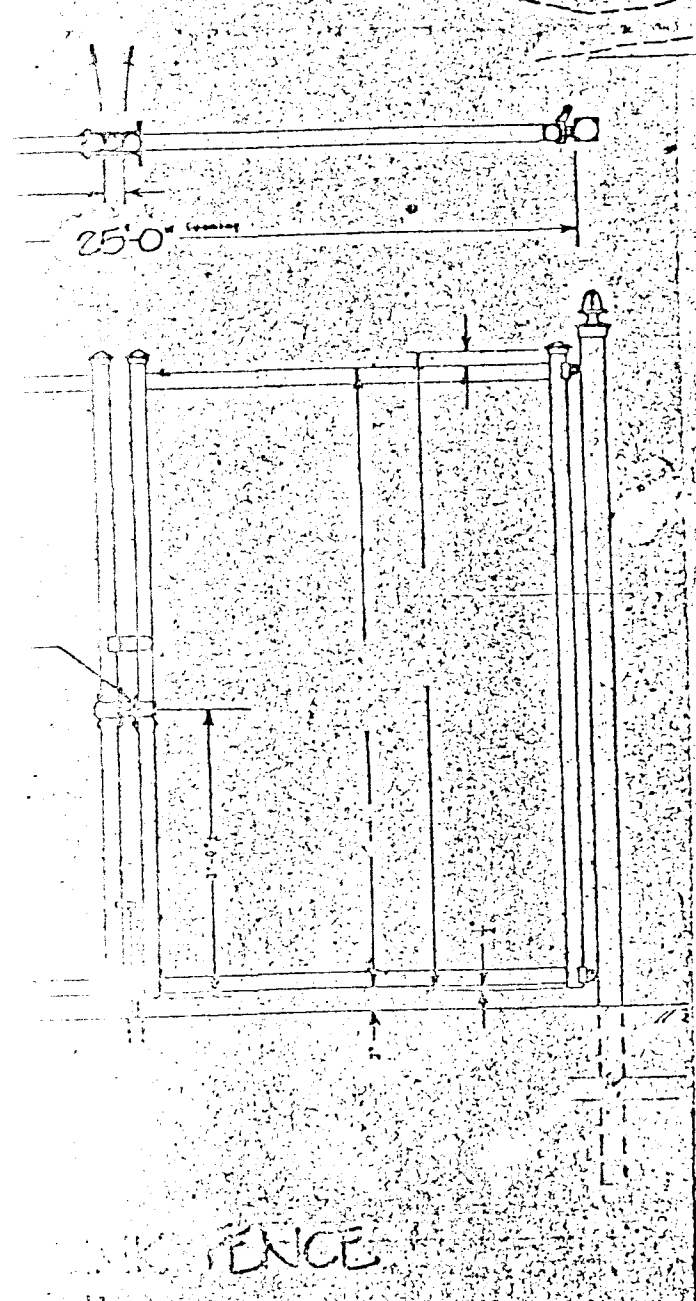
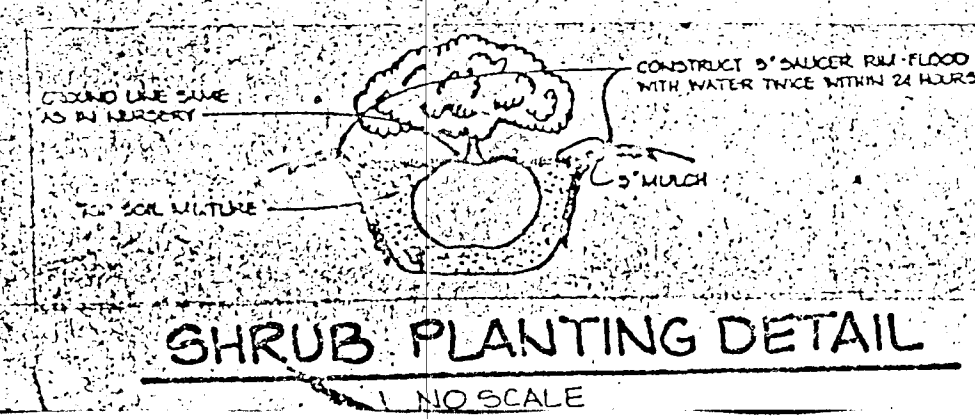
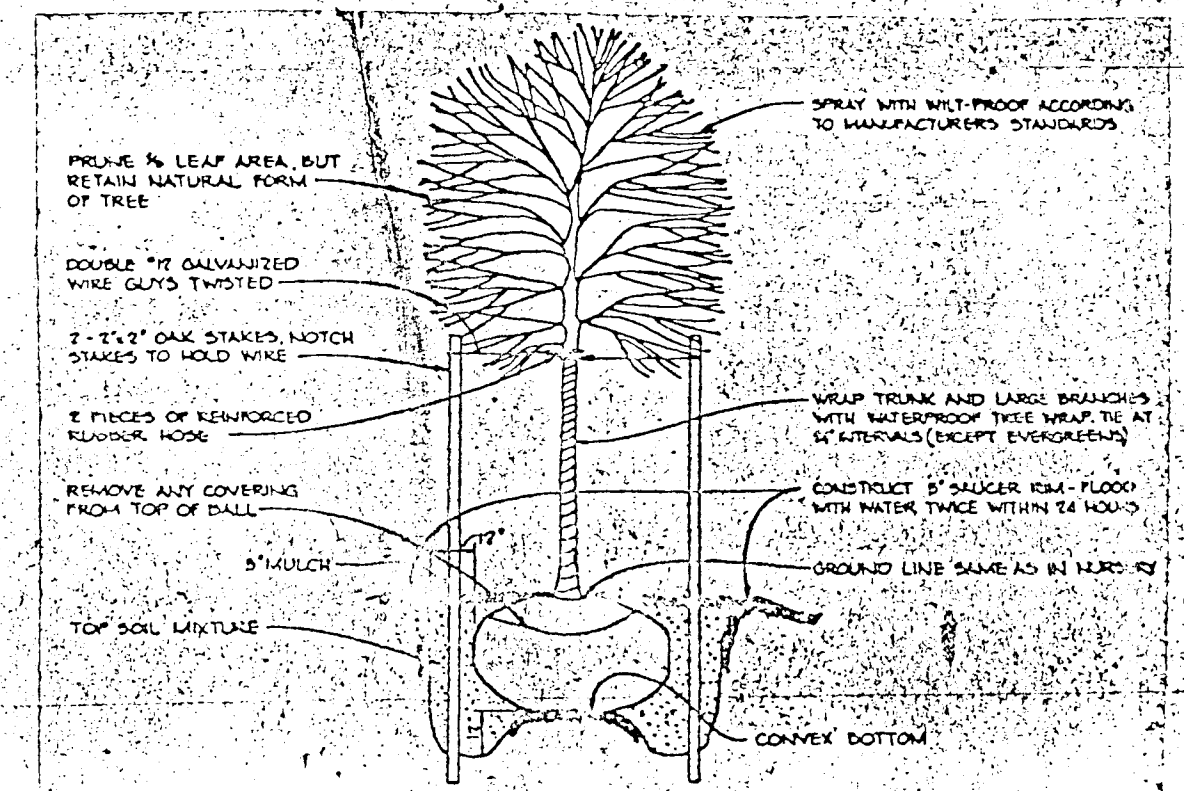
SCALE: AS SHOWN

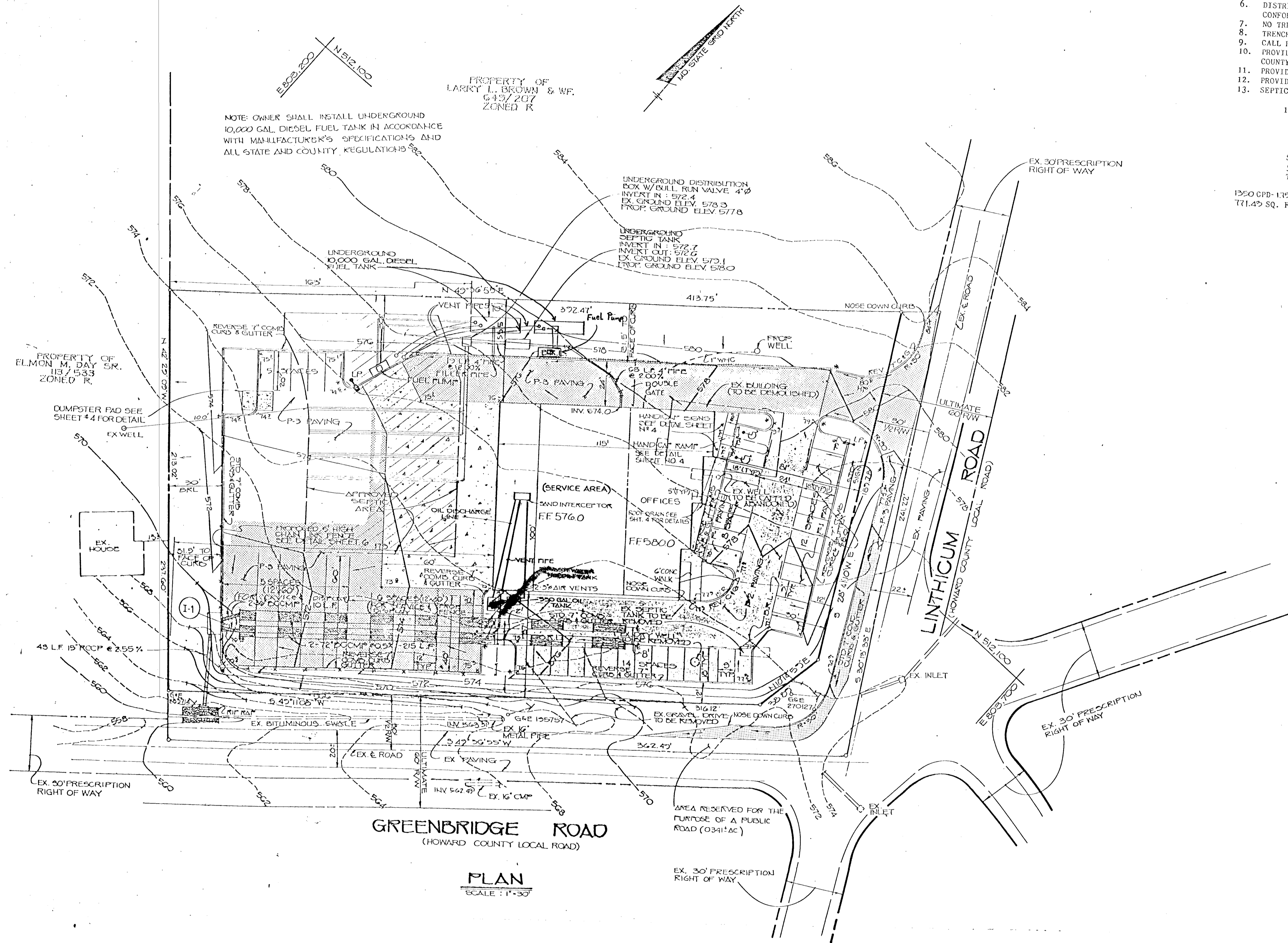
DRAWING NO. 6 OF 6

SDP 83-04

PLAN
1"=50'

TREE PLANTING DETAIL
NO SCALE





NOTE: OWNER SHALL INSTALL UNDERGROUND 10,000 GAL. DIESEL FUEL TANK IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND ALL STATE AND COUNTY REGULATIONS.

PROPERTY OF LARRY L. BROWN & WF. 615/207 ZONED R

PROPERTY OF ELMON M. DAY SR. 113/533 ZONED R

PLAN SCALE: 1"=30'

NOTE: INTERNAL ACCESS WILL BE PROVIDED TO MEET ALL STATE AND COUNTY HANDICAP REGULATIONS.

NOTE: PROPOSED FENCE TO BE 5 FT. HIGH (OPEN CHAIN LINK TYPE) SEE HOWARD COUNTY DETAIL NO. G.8.01.

- LEGEND**
- CONCRETE
 - P-1 PAVING
 - P-2 PAVING
 - P-3 PAVING
 - B.R.L. BUILDING RESTRICTION LINE
 - L.P. LIGHT POLE
- NOTE: ALL RADII ARE 5' UNLESS OTHERWISE NOTED.
- * DENOTES TRANSITION FROM REVERSE CURBS AND GUTTER TO STANDARD CURBS AND GUTTER.

- DRAINFIELD SPECIFICATIONS**
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 11. PROVIDE 4" DIAMETER CLEANOUT AND CAP TO GRADE.
 12. SEPTIC SYSTEM DESIGN:

15 EMPLOYEES x 60 CPD = 900 CPD

SUBTOTAL 900 CPD
 50% MAXIMUM FLOW FACTOR 450 CPD
 TOTAL 450 CPD

1250 CPD - 175 GAL/SQ. FT./DAY = 771.49 SQ. FT. OF SIDEWALL AREA REQUIRED
 771.49 SQ. FT. OF SIDEWALL - 5 FT. DEEP TRENCH = 190.50 L.F.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Joseph Boyd 12-14-88
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
Joseph R. Smith 12/21/88
 PLANNING DIRECTOR DATE
Marsha J. McCarty 12-21-88
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE
 LKS

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James M. Brown 12-21-88
 DIRECTOR DATE
William S. Brown 11-29-88
 CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO	REVISION

OWNER/DEVELOPER
 DAYTON DEVELOPMENT GROUP
 c/o MR. ROBERT OKRODZIK
 PO BOX 57
 DAYTON, MARYLAND 21036

PROJECT:
R.L.O. SERVICE CENTER

AREA TAX MAP 28 ZONED B-2 PARCEL 38
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 LIDER 1627 FOLIO 110

TITLE:
SITE DEVELOPMENT PLAN

THE RIEMER GROUP, INC.
 The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm
 3105 North Ridge Road, Ellicott City, Maryland 21043 (301) 461-2690

DATE: 11-18-88
 DESIGNED BY: DDB
 DRAWN BY: DDB/RAW
 PROJECT NO: 53201
 DATE: JUNE, 1985
 SCALE: AS SHOWN

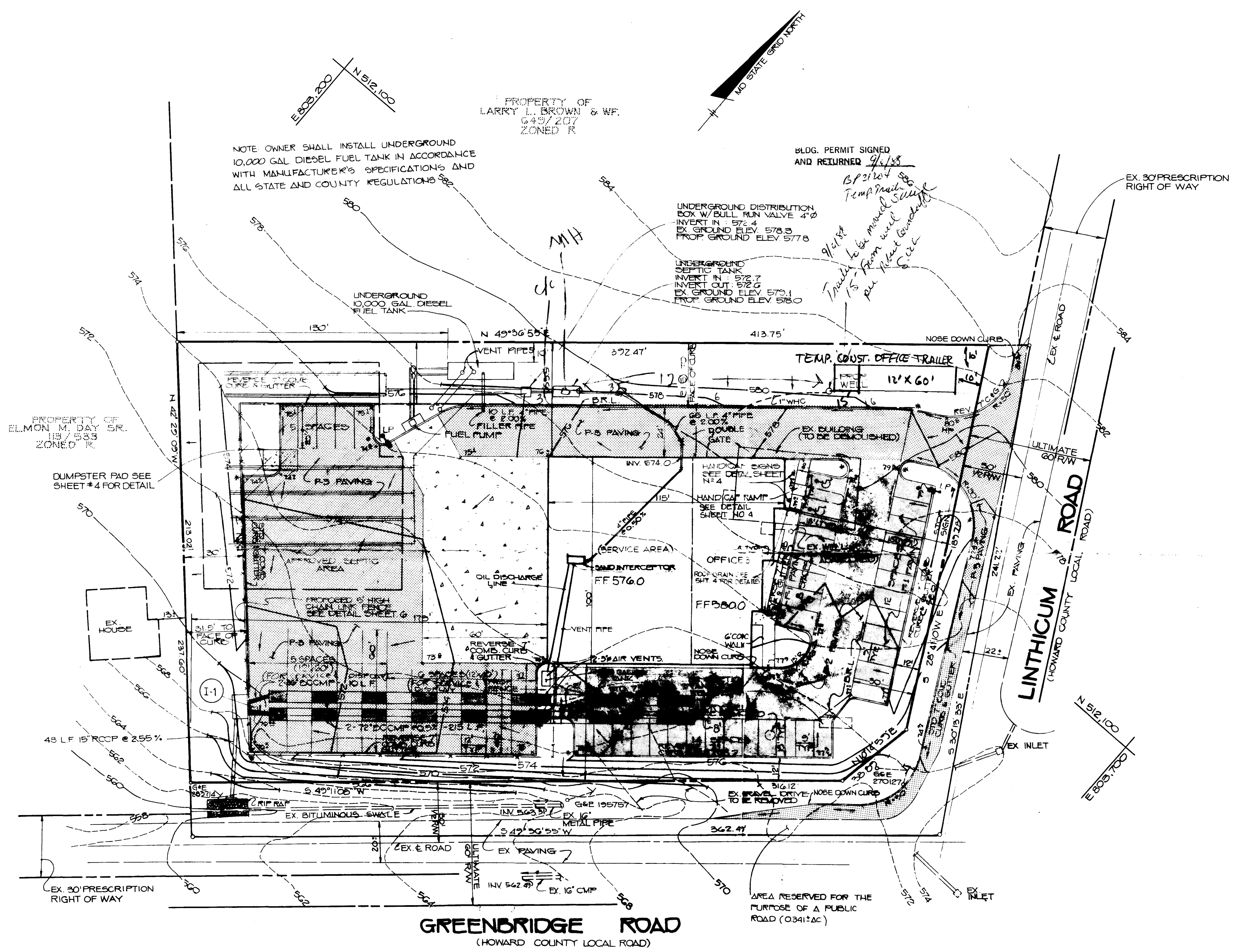
APPROVED
 BOARD OF
 COMMUNITY PLANNING
 & LAND DEVELOPMENT
 9-12-88
 LKS

DRAINFIELD SPECIFICATIONS

1. TRENCH SHALL BE 2 FEET WIDE.
2. INLET TO TRENCHES SHALL BE 4 FEET BELOW GRADE.
3. BOTTOM OF TRENCH SHALL BE MAXIMUM DEPTH 9 FEET BELOW GRADE.
4. STONE SHALL EXTEND 5 FEET BELOW DISTRIBUTION BOX.
5. SEPTIC TANK SHALL BE 2000 GALLON PRECAST TANK AND SHALL CONFORM TO HOWARD COUNTY PLUMBING CODE REQUIREMENTS.
6. DISTRIBUTION BOX WITH BULL RUN VALVE SHALL BE 3' x 3' PRECAST BOX CONFORMING TO HOWARD COUNTY PLUMBING CODE REQUIREMENTS.
7. NO TRENCH TO EXCEED 100 FEET IN LENGTH.
8. TRENCHES TO BE INSTALLED ON LEVEL GROUND.
9. CALL FOR INSPECTIONS OF TRENCH BEFORE GRAVEL IS INSTALLED.
10. PROVIDE 2 FOOT DIAMETER MANHOLE ON SEPTIC TANK TO GRADE, SEE HOWARD COUNTY STANDARD DETAIL SD-3.91.
11. PROVIDE MONITORING PORTS AT ENDS OF TRENCHES.
12. PROVIDE 4" DIAMETER CLEANOUT AND CAP TO GRADE.
13. SEPTIC SYSTEM DESIGN:

15 EMPLOYEES	x 40 GPD = 600 GPD
3 TOILETS	x 150 GPD = 450 GPD
1 URINALS	x 100 GPD = 100 GPD
2 SINKS	x 50 GPD = 100 GPD
SUBTOTAL	1250 GPD
50 % MAXIMUM FLOW FACTOR	625 GPD
TOTAL	1875 GPD

1875 GPD - 2 GAL/SQ. FT./DAY = 937.50 SQ. FT. OF SIDEWALL AREA REQUIRED
 937.50 SQ. FT. OF SIDEWALL - 5 FT. DEEP TRENCH = 187.50 L.F.



GREENBRIDGE ROAD
(HOWARD COUNTY LOCAL ROAD)

PLAN
SCALE: 1"=30'

LEGEND

- CONCRETE
- P-1 PAVING
- P-2 PAVING
- P-3 PAVING
- B.R.L. BUILDING RESTRICTION LINE
- L.P. LIGHT POLE

NOTE: ALL RADII ARE 5' UNLESS OTHERWISE NOTED.
 * DENOTES TRANSITION FROM REVERSE CURB AND GUTTER TO STANDARD CURB AND GUTTER.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

PLANNING DIRECTOR _____ DATE _____

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
 _____ DATE _____

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR _____ DATE _____

CHIEF, BUREAU OF ENGINEERING
 _____ DATE _____

DATE NO. _____ REVISION _____

OWNER/DEVELOPER
 DAYTON DEVELOPMENT GROUP
 45 MIN. ROBERT GRINDORFF
 PO BOX 57
 DAYTON, MARYLAND 21036

PROJECT:
R.L.O. SERVICE CENTER

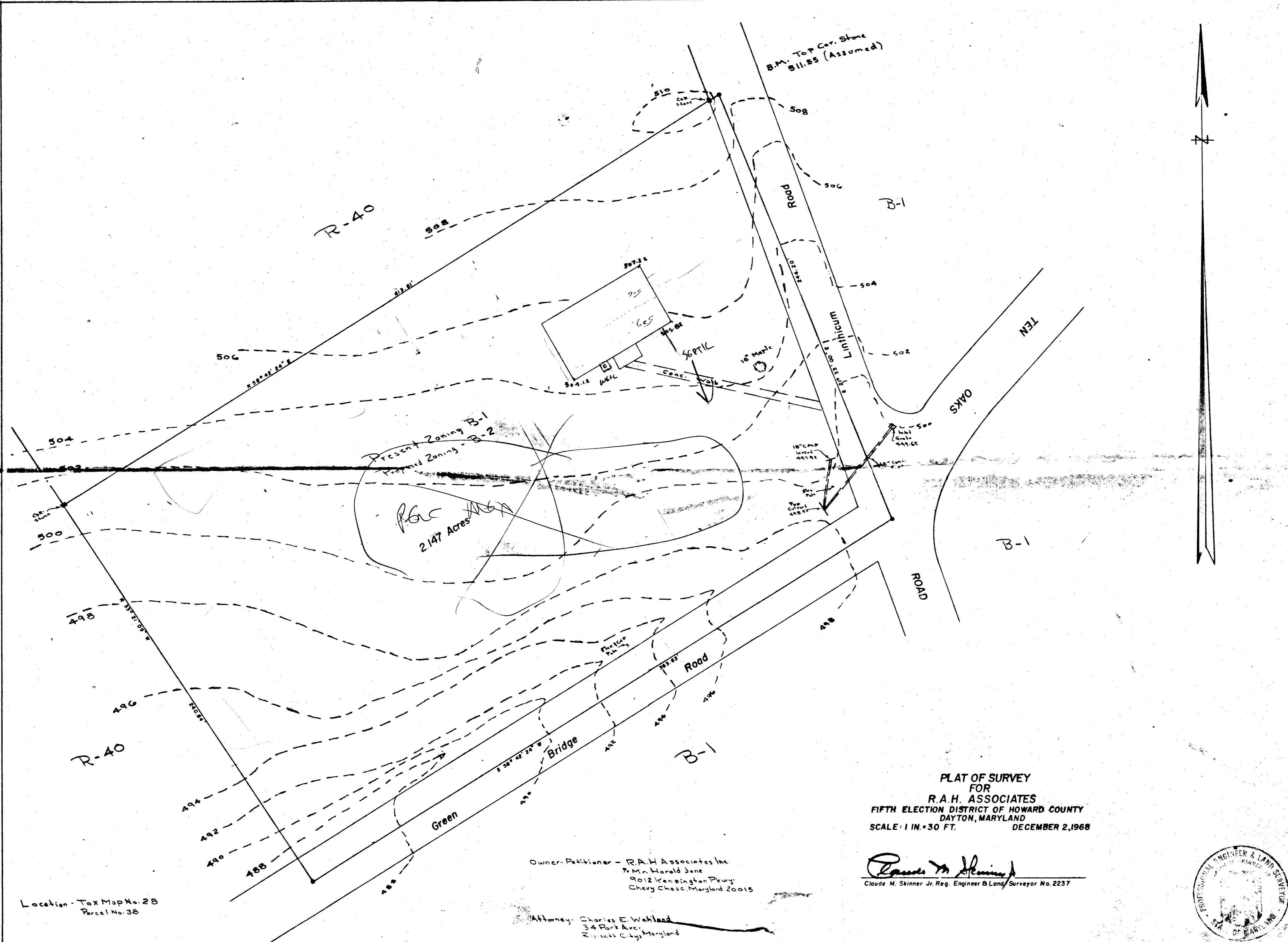
AREA TAX MAP 26 ZONED - B-2 PARCEL 38
 5TH ELECTION DISTRICT
 HOWARD COUNTY MARYLAND
 LIBER 1627 FOLIO 110

TITLE:
SITE DEVELOPMENT PLAN

THE RIEMER GROUP, INC.

The Riemer Group, Inc. A Land Planning, Design & Civil Engineering Firm
 3105 North Ridge Road, Ellicott City, Maryland 21043 (301) 461-2690

7683 DATE	DESIGNED BY: DDB.
	DRAWN BY: DDB./RAW.
	PROJECT NO: 88201
	DATE: JUNE, 1988
	SCALE: AS SHOWN
	DRAWING NO. 2 OF 4



B.M. Top Cor. Stone
511.55 (Assumed)

R-40

B-1

Present Zoning B-1
Proposed Zoning B-2

2.147 Acres

TEN
OAKS

B-1

R-40

B-1

PLAT OF SURVEY
FOR
R.A.H. ASSOCIATES
FIFTH ELECTION DISTRICT OF HOWARD COUNTY
DAYTON, MARYLAND
SCALE: 1 IN. = 30 FT. DECEMBER 2, 1968

Owner-Petitioner - R.A.H. Associates Inc.
7. Mr. Harold Jones
9012 Kensington Pkwy.
Chevy Chase, Maryland 20015

Claude M. Skinner Jr.
Claude M. Skinner Jr. Reg. Engineer & Land Surveyor No. 2237

Attorney - Charles E. Weiland
34 Park Ave.
Baltimore City, Maryland



Location - Tax Map No. 2B
Parcel No. 38