

SYSTEM TO BE INSTALLED FIRST
BEFORE BUILDING PERMIT CAN
BE SIGNED.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 33026

A 29094

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

05-346940

INDEX

ELLICOTT CITY

DISTRICT 5th

DATE 8/8/83

John Finnegan - Allied Construction Corp.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 5373 Hesperus Drive, Columbia, Md. 21044

PHONE 730-4793

SUBDIVISION Holiday Hills

ROAD 10818 Vista Road

LOT 84, Sec. 6

PROPERTY OWNER John Finnegan

Joseph & Patricia Schaefer

ADDRESS same as above

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

GARBAGE GRINDER? YES ☐ NO ☒

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

BLDG. PERMIT SIGNED

AND RETURNED 9/1/83

#55208 for 4BR SFD.

TRENCHES - Trench to be 2 ft. wide. Inlet 2 1/2 ft. below original grade. ~~Bottom~~ maximum depth 12 feet below original grade. Effective area begins at 2 1/2 ft. below original grade. 9 1/2 ft. of stone below distribution pipe. Start the trench 10 ft. from rear lot line and 21 ft. from left side line. Continue to dig the trench on level ground the necessary ~~distance~~ distance. NOTE: NO TRENCH TO EXCEED 100 FEET IN LENGTH. IF MORE THAN ONE TRENCH IS USED, A DISTRIBUTION BOX IS REQUIRED. TRENCHES TO BE INSTALLED ON LEVEL GROUND. CALL FOR INSPECTION OF TRENCH BEFORE AND AFTER GRAVEL IS INSTALLED.

BUILDING PERMIT SIGNED 158 FT. Sidewall area / B.R.

AND RETURNED

8-12-84 BUDH4860-ADDITION OVER FOUR

BLDG. PERMIT SIGNED

AND RETURNED 3/23/84

Serial # 37011

deck

PLANS APPROVED BY Frank A. Skinner

DATE 8/8/83

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

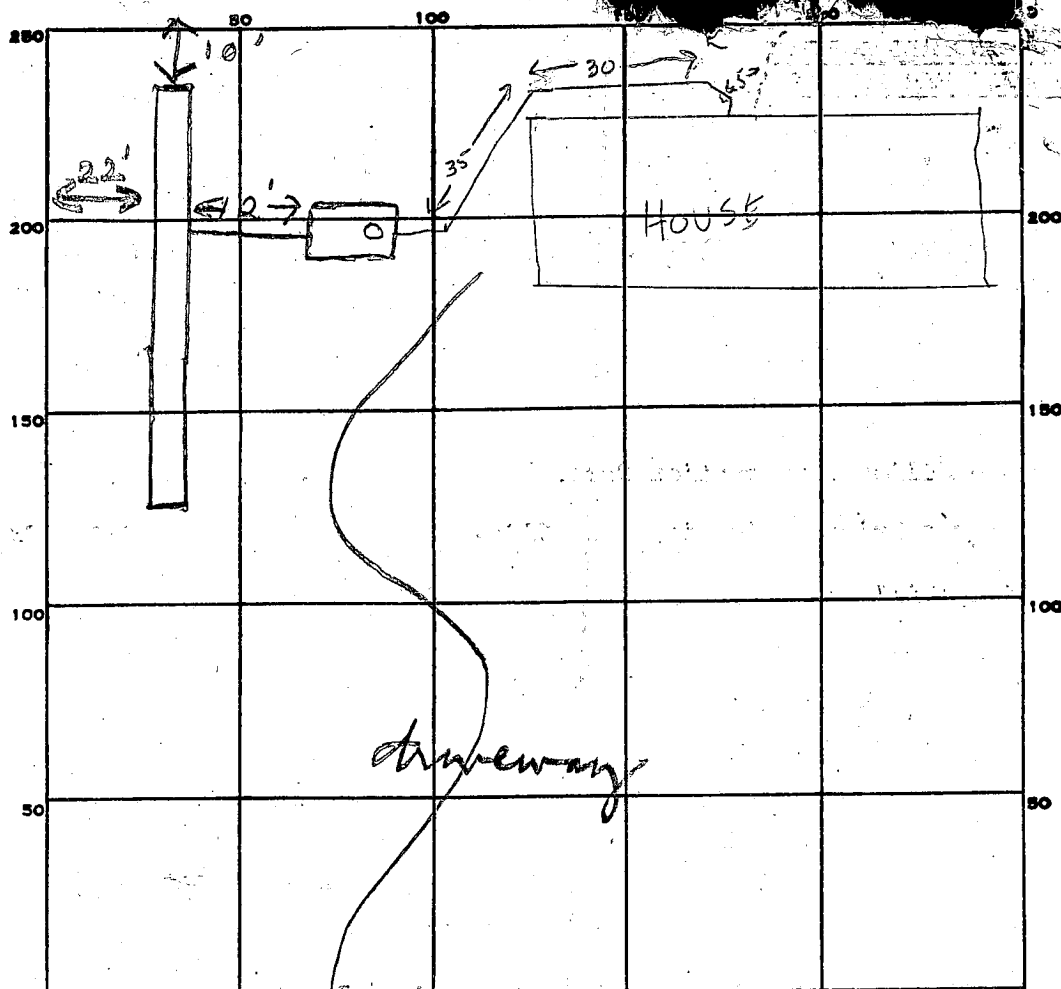
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 29094



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Viola Rd

PERMIT CARD _____

SEPTIC TANK, LEVEL _____

✓ 1500 gal

CLEANOUTS _____

ST

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____

12

FT.

TRENCH WIDTH _____

2

FT.

GRAVEL DEPTH _____

9 1/2

IN.

TOTAL LENGTH _____

70

FT.

NUMBER OF TRENCHES _____

1

TOTAL BOTTOM AREA _____

665

SEEPAGE PITS, INSIDE DIAMETER _____

FT.

DEPTH BELOW INLET _____

FT.

ABSORBENT AREA _____

665

SQ. FT.

REMARKS _____

8/22/83 OK to add stone in trench if

8/23/83 OK to cover work. Must see house

connection to septic tank - call when ready if

8/12/16/83 HOUSE CONNECTION OK BUT WATER LINE MAY BE TOO CLOSE TO SEWER LINE CW

DATE SYSTEM APPROVED _____

12-16-83

INSPECTOR _____

C. W. L. H.

Install Septic System Before Building Permit Approval

A 29094

SUBDIVISION:

Holiday Hills

LOT NUMBER:

84, Sec. 6

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

3 bedroom

Septic Tank

1000 gallon

Minimum Total Square Feet

4 bedroom

1250 gallon

5 bedroom

1500 gallon

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

158 sq. ft./bedroom

Trench to be 2 ft. wide.

Inlet 2 1/2 feet below original grade.

Bottom maximum depth 12 feet below original grade.

Effective area begins at 2 1/2 feet below original grade.

9 1/2 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: Start the trench 10' from rear lot line and 21' from left sideline. Continue to dig the trench on level ground the necessary distance.

8/8/83 Spec by J.P. Shennin

B 1

3343

SEQUENCE NO.
(OEP USE ONLY)STATE OF MARYLAND
PERMIT TO DRILL WELL

OEP PERMIT NUMBER

H0-81-0202

(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)

please print or type

fill in this form completely

Date Received

060883

OWNER INFORMATION

F I U N E G A N

5373 WESPERUS DRIVE

COLUMBIA

MD 21045

DRILLER INFORMATION

SANDY B. COCHRAN

Driller's Name

G. EDGAR HARRIS CORP.

Firm Name

12047 FALLS RD. COLCHESTER 21030

Address

Sandy B. Cochran

Signature

Date

6-6-83

120

77 License No. 80

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.)

AVERAGE DAILY QUANTITY NEEDED
(GAL. PER DAY)

750

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)

APPROXIMATE DEPTH OF WELL

200

FEET

APPROXIMATE DIAMETER OF WELL

6

NEAREST
INCH

METHOD OF DRILLING (circle one)

BORED (or Augered)

JETTED

Jetted & DRIVEN

AIR-ROTARY

AIR-PERCUSION

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 DEEPMEN AN EXISTING WELLPERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED
(IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER

G A P

FORCE

FS

WRITE
INITIALS
IN BOX

PERMIT NO.

H0-81-0202

SPECIAL CONDITIONS

B 3

LOCATION OF WELL

HOWARD

8 COUNTY

HOLIDAY HILLS

23 SUBDIVISION

SECTION 6

LOT 84

SIMPSONVILLE

52 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town)

1

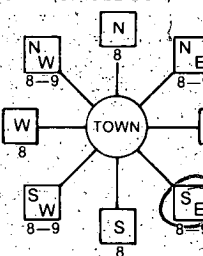
73

76

77

78

B 4

DIRECTION OF WELL FROM
TOWN (CIRCLE BOX)

VISTA RD.

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD
(CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD

ENTER FT or MI

250

FT

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

HOWARD

COUNTY NAME

A 29094

COUNTY NO.

OEP

SIGNATURE

STATE HEALTH

INSERT S

DATE ISSUED

07/1/88

Frank Shuman

1/18/83

NORTH

GRID

490

50

55

EAST

GRID

0831

57

63

SHOW MAJOR FEATURES OF
BOX & LOCATE WELL
WITH AN X

SOURCES OF DRILLING WATER

1.

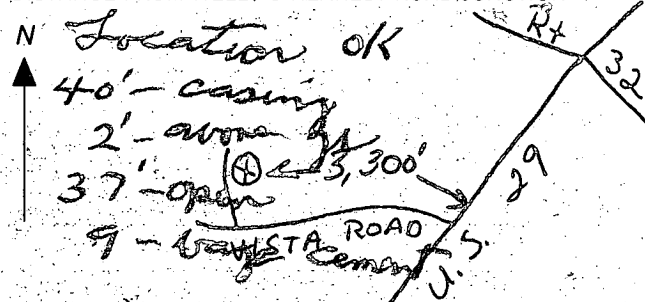
2.

3.

WRITE THE BOX NUMBER
FROM THE MAP HERE

830'

490'

Well
0082
000DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN
RELATION TO NEARBY TOWNS AND ROADS AND GIVE
DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

8/3/83

730-4793

HEALTH

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0202
Location of property (road) Vista Road
Subdivision Holiday Hills Lot 84 Block _____ Plat _____ Sec. 6
Well Driller C. Edgar Harr Sons Corp Owner John Finnegan

Depth of well 100
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 42' 3"

I. High rate pumping -- reservoir drawdown

Time pump started 9:00 Pumping rate 9 GPM
Total time to reach pumping water level ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]

SEPTIC SYSTEM FIRST BEFORE

Dry Well

BUILDING PERMIT

APPROVAL

A 29094
B. COOPER

Septic Tank

3 bedrooms - 1000 gallon

4 bedrooms - 1250 gallon

Locate the dry well 42 ft. from the BACK property line, and 2.5 ft. from the LEFT property line as seen from the road. The invert will enter the dry well at 2 1/2 ft. below original grade and the maximum depth of the dry well will not exceed 12 ft. below original grade. The dry well will have no less than 125 sq. ft. of vertical sidewall area per bedroom, with the sidewall beginning at 2 1/2 ft. below original grade.

APPLICATION

A 29094

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 5 ^{Precinct} 5

DATE 10/20/78

2:30 P.M.

Sept. System 1st.

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 BRUCE S. COOPER

ADDRESS 10822 VISTA RD
COLUMBIA, MD 21044

PHONE Home 531 6355

PROPERTY LOCATION:

Work 344 2342
442 2288

SUBDIVISION Lot 84, Section 6

LOT NO. 84

ROAD AND DESCRIPTION directions Holiday Hills Subd.

1/4 mile south of

Rt 32, off Rt 29

SIZE OF LOT 1 acre

TYPE BLDG. none

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT Bruce S Cooper

APPROVED BY Raymond Hodges

FOR Dry Well

DATE 2/27/80

REJECTED BY _____

FOR _____

(KIND OF SYSTEM)

DATE _____

(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____

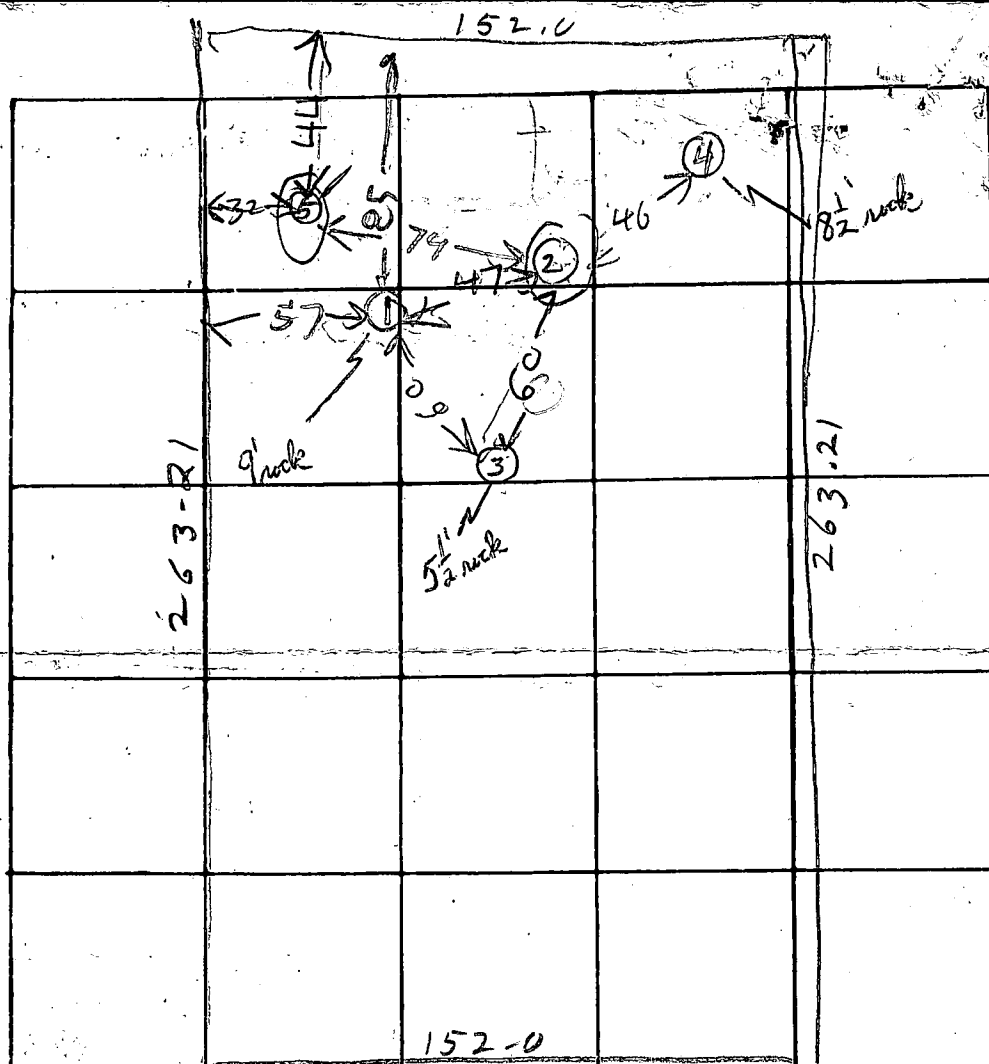
DATE _____

REASONS FOR REJECTION OR HOLDING 11/24/78 - HOLD FOR REVIEW ROCK

HOLD & RESTRICTED HOUSE SITE R/L 12 HOLD FOR REVIEW

BEHL OIL BUT MUST SHOW HOUSE SITE & GRADE ELEVATIONS
& WELL SITE 11/28/78 2/27/80 FINAL

THIS IS NOT A PERMIT



①
0
3
HARD SAND
9
ROCK

②
0
CLAY
SAND
12

③
0
HARD SAND
5
ROCK
16

④
CLAY
HARD SAND
ROCK BOT
2 1/2

⑤
0
CLAY
SAND
12

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

← TO DEAD END

VISTA RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/22/79	1R	9	ROCK	BOTTOM	SEE SOIL PROFILE		
1	2D	12	300	303	303	306	3
11/22/79	2S	3	302	304	304	306	2
	3R	5 1/2	SEE SOIL PROFILE	ROCK BOTTOM			
	4R	8 1/2	SEE SOIL PROFILE	ROCK BOTTOM			
	5D	12	408	415	415	428	13
10/22/79	5S	3	411	415	415	421	6

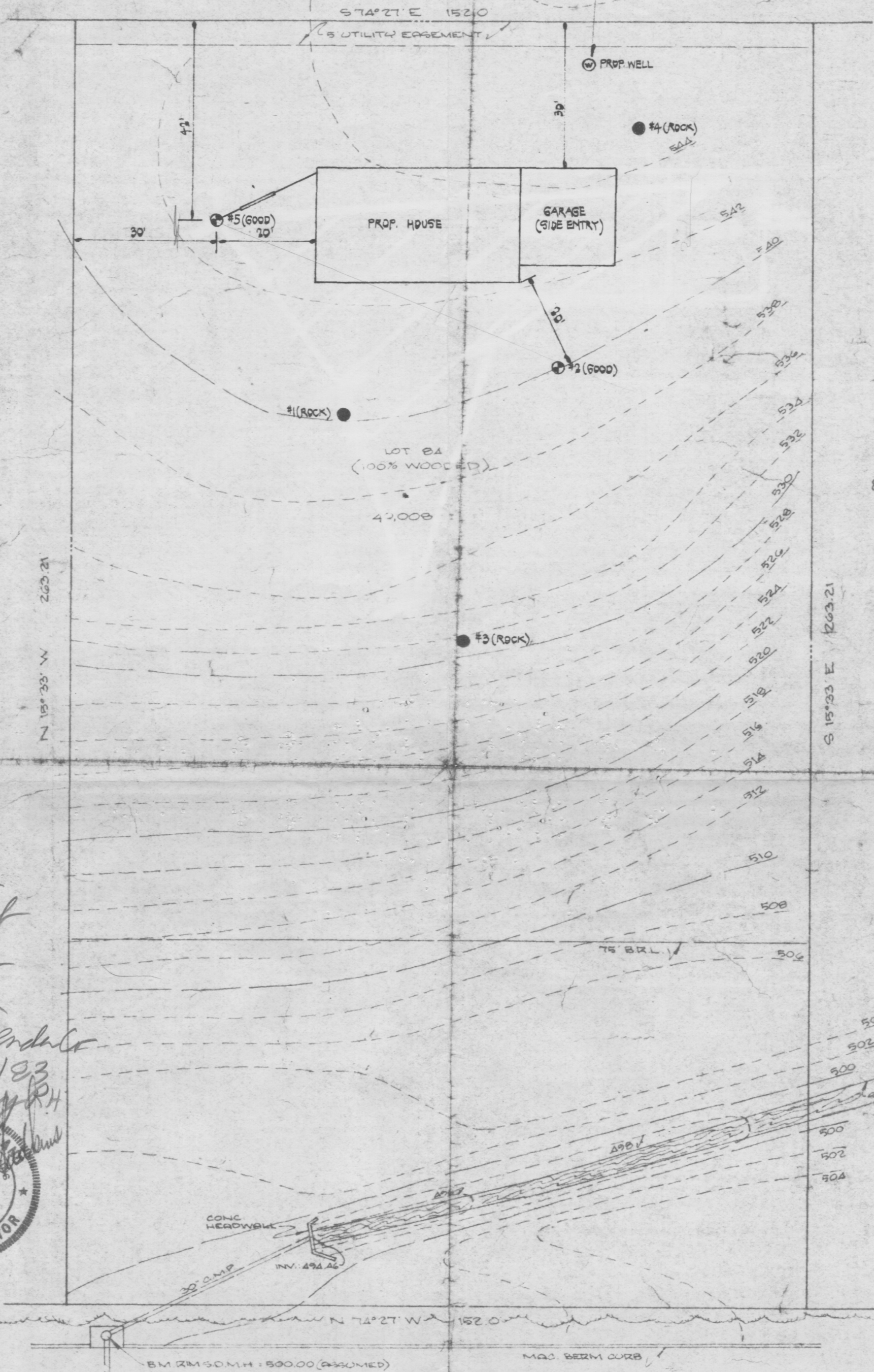
REMARKS _____

TYPE OF SOIL _____

TESTED BY BIT

ALSO PRESENT: O'KETTHERMAN BRUNNEN
B. COOPER

Note: There are no existing sewage disposal systems within 100 feet of the proposed well on lot 84



another
copy of
this
given
to Bolndale
5/20/83
BPKH



HUDKINS ASSOCIATES
201 JOSEPH SQUARE
COLUMBIA, MD 21044

VISTA RD.
60' R/W

* Note: Well must be drilled and septic system must be installed prior to issuance of a building permit.

NOTE:
1. PRESENT ZONING: R-20
2. PLAT BOOK 9, FOLIO 99, RECORDED 10/29/64

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. FOR INDIVIDUAL SEWAGE DISPOSAL AS REQUIRED BY THE MARYLAND STATE DEPT. OF HEALTH & MENTAL HYGIENE. IMPROVEMENTS OF ANY KIND ARE RESTRICTED IN THIS AREA UNTIL PUBLIC SEWER IS AVAILABLE & SERVICING ANY RESIDENTIAL STRUCTURE ON THIS BUILDING SITE. THIS EASEMENT SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.

THE LOT SHOULD HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPT. OF HEALTH & MENTAL HYGIENE

APPROVED: FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

James Byler
COUNTY HEALTH OFFICER

2-6-80
DATE

LOT 84, SECTION 6, "HOLIDAY HILLS"
PLAT BOOK 9, FOLIO 99
5TH ELECTION DISTRICT
HOWARD COUNTY, MD.
7/2/1979 SCALE: 1" = 20'

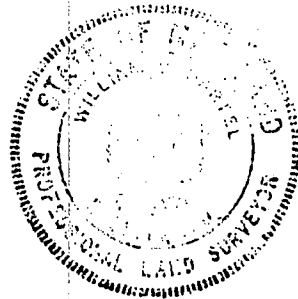
C1 4371		SEQUENCE NO. (OEP USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY. PLEASE PRINT OR TYPE				THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.					
(THIS NUMBER IS TO BE PUNCHED IN COLS 3-6 ON ALL CARDS)								COUNTY NUMBER		A29094			
DATE Received		DATE WELL COMPLETED		Depth of Well				PERMIT NO.					
8 9 10 11 12 13		14 15 16 17 18 19 20		21 22 23 24 25 26				27 28 29 30 31 32 33 34 35 36 37					
OWNER		Finnegan		John				TOWN Simpsonville					
STREET OR RFD		Vista Road											
SUBDIVISION		Holiday Hills		SECTION 6				LOT 84					
WELL LOG Not required for driven wells				GROUTING RECORD				C 3					
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING				WELL HAS BEEN GROUTED (Circle Appropriate Box)				PUMPING TEST					
DESCRIPTION (Use additional sheets if needed)				TYPE OF GROUTING MATERIAL				HOURS PUMPED (nearest hour)					
FEET				CEMENT				PUMPING RATE (gal. per min. to nearest gal.)					
FROM TO				BENTONITE CLAY				METHOD USED TO MEASURE PUMPING RATE					
Check if water bearing				NO. OF BAGS NO. OF POUNDS				WATER LEVEL (distance from land surface)					
				GALLONS OF WATER				BEFORE PUMPING					
				DEPTH OF GROUT SEAL (to nearest foot)				WHEN PUMPING					
				from ft. to ft.				TYPE OF PUMP USED (for test)					
				(enter 0 if from surface)				A air P piston T turbine					
				CASING RECORD				C centrifugal R rotary O other (describe below)					
				casing types insert appropriate code below				J jet S submersible					
				STEEL CONCRETE PL OT PLASTIC OTHER				PUMP INSTALLED					
				MAIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch) (nearest foot)				DRILLER WILL INSTALL PUMP YES NO					
				OTHER CASING (if used) diameter depth (feet) inch from to				IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE					
				screen type or open hole insert appropriate code below				TYPE OF PUMP INSTALLED					
				STEEL BR HO STEEL BRASS OPEN HOLE PL PLASTIC PLASTIC OTHER				PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:					
				DEPTH (nearest ft.)				CAPACITY: GALLONS PER MINUTE (to nearest gallon)					
				C 2				PUMP HORSE POWER					
				EACH SCREEN				PUMP COLUMN LENGTH (nearest ft.)					
				SLOT SIZE 1 2 3				CASING HEIGHT (circle appropriate box and enter casing height)					
				DIAMETER OF SCREEN (NEAREST INCH)				LAND SURFACE (nearest foot)					
				from to				LOCATION OF WELL ON LOT					
				GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68				SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO 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.				OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)				PROPERTY LINE					
DRILLERS IDENT. NO.				T (E.R.O.S.) WQ				House					
DRILLERS SIGNATURE				70 72 74 75 76				120° 60°					
(MUST MATCH SIGNATURE ON APPLICATION)				TELESCOPE CASING LOG INDICATOR OTHER DATA									
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)													

Well Permit No. HO - 81-0202
Location of property (road) Vista Road
Subdivision Holiday Hills Lot 84 Block - Plat - Sec. 6
Well Driller Sandy B. Cochran Owner John Finnegan

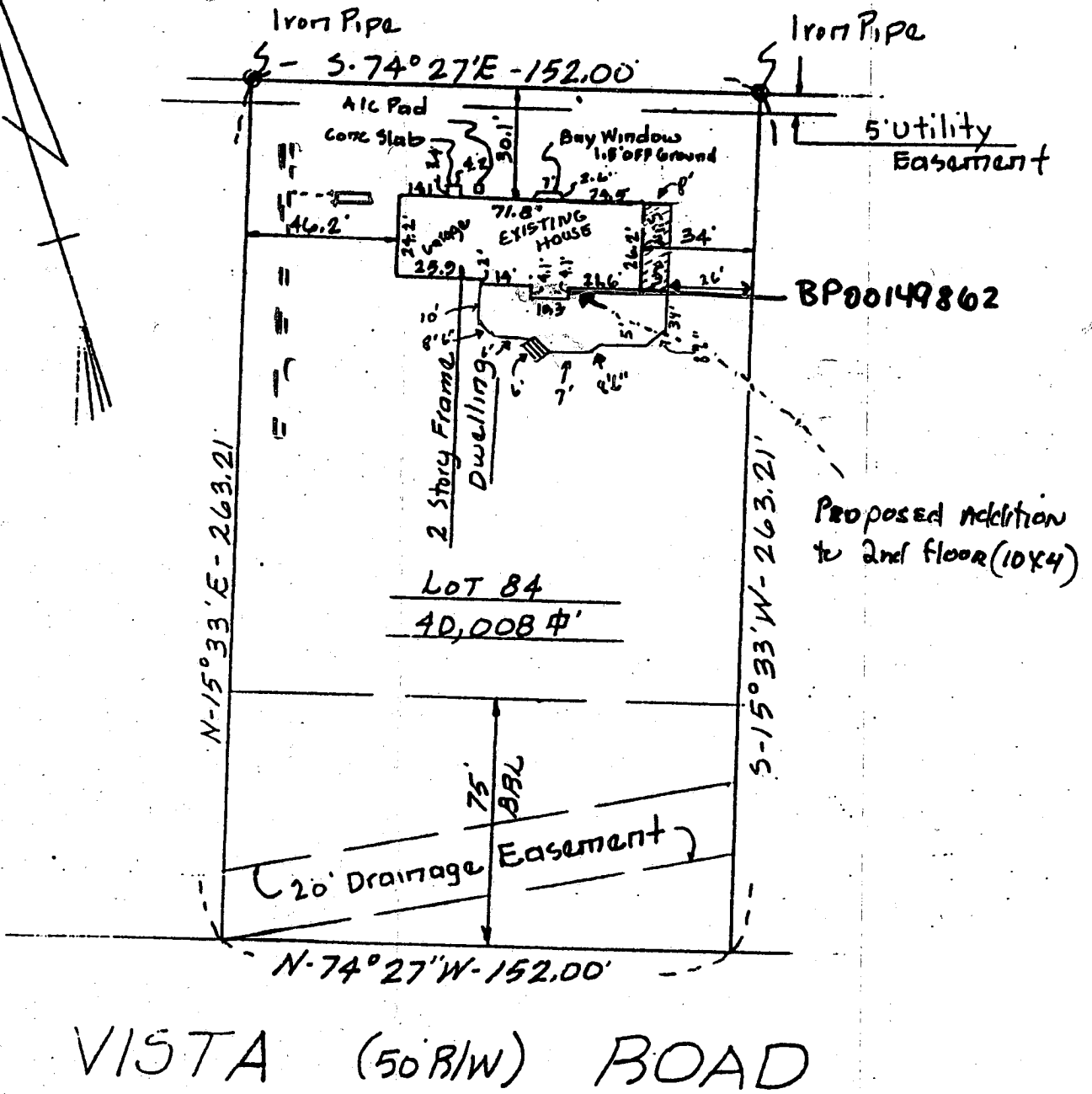
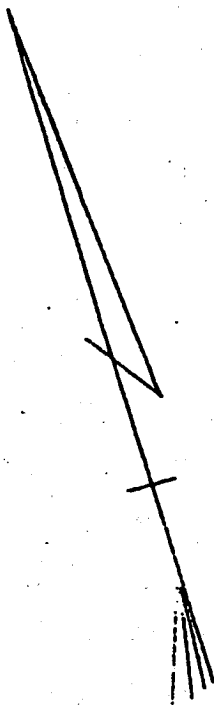
Depth of well 100'
Distance of measuring point (M.P.) above ground 24"
Static water level (S.W.L.) below M.P. 42' 3"

Time pump started 0900 Pumping rate 9.37
Total time 180 to reach pumping water level 64' 11" ft. below M.P.

[illegible]



Plat Reference: "Holiday Hills, Section 6" recorded in
Platbook 9 Folio 99



APPROVED

WALK-THRU BUILDING PERMIT

BP# 149862 A# 29094

APP. SAN Kane DATE: 8/12/04

DESC. OF WORK: Building over

ex. foyer