

Menu Save Reset Cancel Help

Approved MRE  
2/7/24

Record Detail (This section is required.)

Permit Type Building/Residential/Misc/Solar Panel Permit Number B24000291 Opened Date 01/26/2024  
Description of Work SFD / INSTALL (30) GROUND MOUNTED SOLAR PANELS

Online BP assigned to MRE.

gjs 2/7/24

[check spelling](#)

Address (This section is required.)

Search Reset Clear Get Parcel & Owner  
Street # 783 Street Name GAITHER Street Type RD  
Unit Type --Select-- Unit # X Coordinate -76.98323 Y Coordinate 39.35252  
City SYKESVILLE State MD Zip Code 21784 Primary Yes

Parcel (This section is required.)

Search Reset Clear Get Address & Owner  
GIS ID 831316 Parcel 97 Parcel Area 4.15 Land Value 233600 Improved Value 561700 Exemption Value 328100 Plan Area RURAL  
Legal Description 1MPSLOT 6 4.1599 A[ ]783 GAITHER RD[ ]CONAWAY PROPERTY LOT 3

[check spelling](#)

Block 6 Census Tract 603000 Council Dist 5 Inspection Dist Supervisor Dist Map # DAP Zone  
Plan Area State Tax Id 1403312909 Subdivision Name  
Section Area Tax Map 4  
Grid 4-20 Zoning District RC-DEO ADC Map 4693-C4  
SDP No. Final Plan No. WP File No.  
Record Plat No. 7815 WS Contract No. FDP No. Primary Yes  
Owner Occupied Yes No Year Built 1999 Historic District Yes No  
Historic District Registry No. Stat Area 3-01 Flood Plain Yes No  
Building No

Owner (This section is required.)

Search Reset Clear  
Name OSBORNE JULIAN H G  
Address Line 1 783 GAITHER RD  
Address Line 2  
Address Line 3  
Mail City SYKESVILLE Mail State MD Mail Zip Code 21784  
Phone 410-330-9355 Primary Yes  
E-mail

Cell Number

Fax Number

Professionals (This section is required.)

**License # \***  
 08050046549  
**License Type**  
 MHIC Co  
**Primary**  
 Yes  
**Business Name**  
 AMERICAN DESIGN AND BUILD LTD  
**First Name**                      **Middle Name**                      **Last Name**  
 JOSEPH  
 TUNNEY  
**Address Line 1**  
 221 GATEWAY DRIVE  
**Address Line 2**  
 221 GATEWAY DRIVE  
**City**                                      **State**                      **ZIP Code**  
 BELAIR                                      MD                      21014-0000  
**Phone 1**                                      **Phone 2**                                      **Fax**  
 4105570555                                      4106925475  
**E-mail**  
 JTUNNEY@ADBUILD.COM

Applicant (This section is required.)

Search    As Owner    As Lic. Prof    As Contact

**Type \***  
 Applicant  
**Relationship**  
 Applicant  
**Primary**  
 Yes  
**First Name**                                      **MI**                                      **Last Name**  
 ADAM                                                                           KOLLAR  
**Full Name**  
 ADAM KOLLAR  
**Organization Name**  
 AMERICAN DESIGN & BUILD  
**Street Address**  
 221 GATEWAY DRIVE  
**Address Line 2**  
  
**City**    **State**                      **Zip Code**  
 BELAIR    MD                      21014  
**Phone**    **Cell**    **Fax**  
 410-557-0555  
**E-mail \***  
 AKOLLAR@ADBUILD.COM

Addtl Info

**Est Construction Cost \***                      **Housing Units \***                      **Number of Buildings \***                      **Public Owned**  
 30000                      0                      0                      No  
**Construction Type**  
 434 - Additions, Alterations and Conversions - Residential

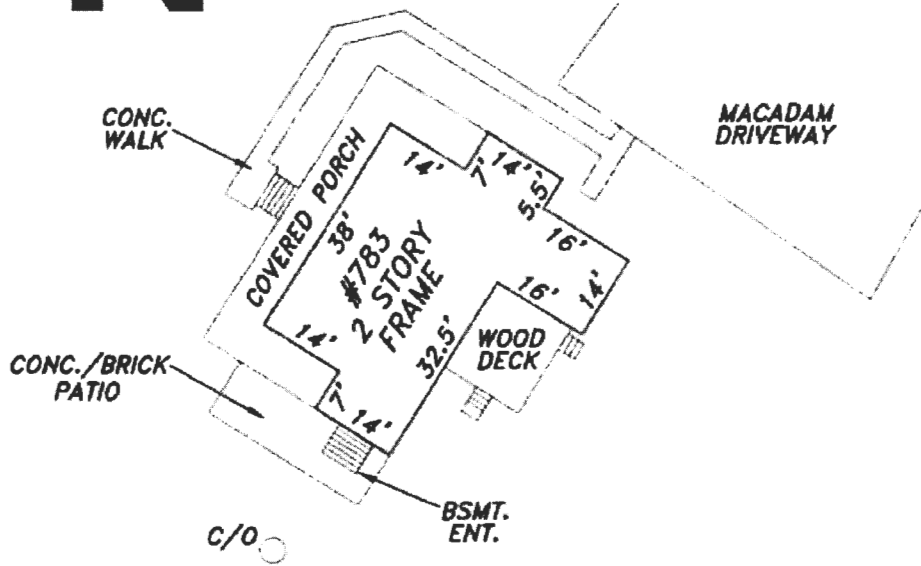
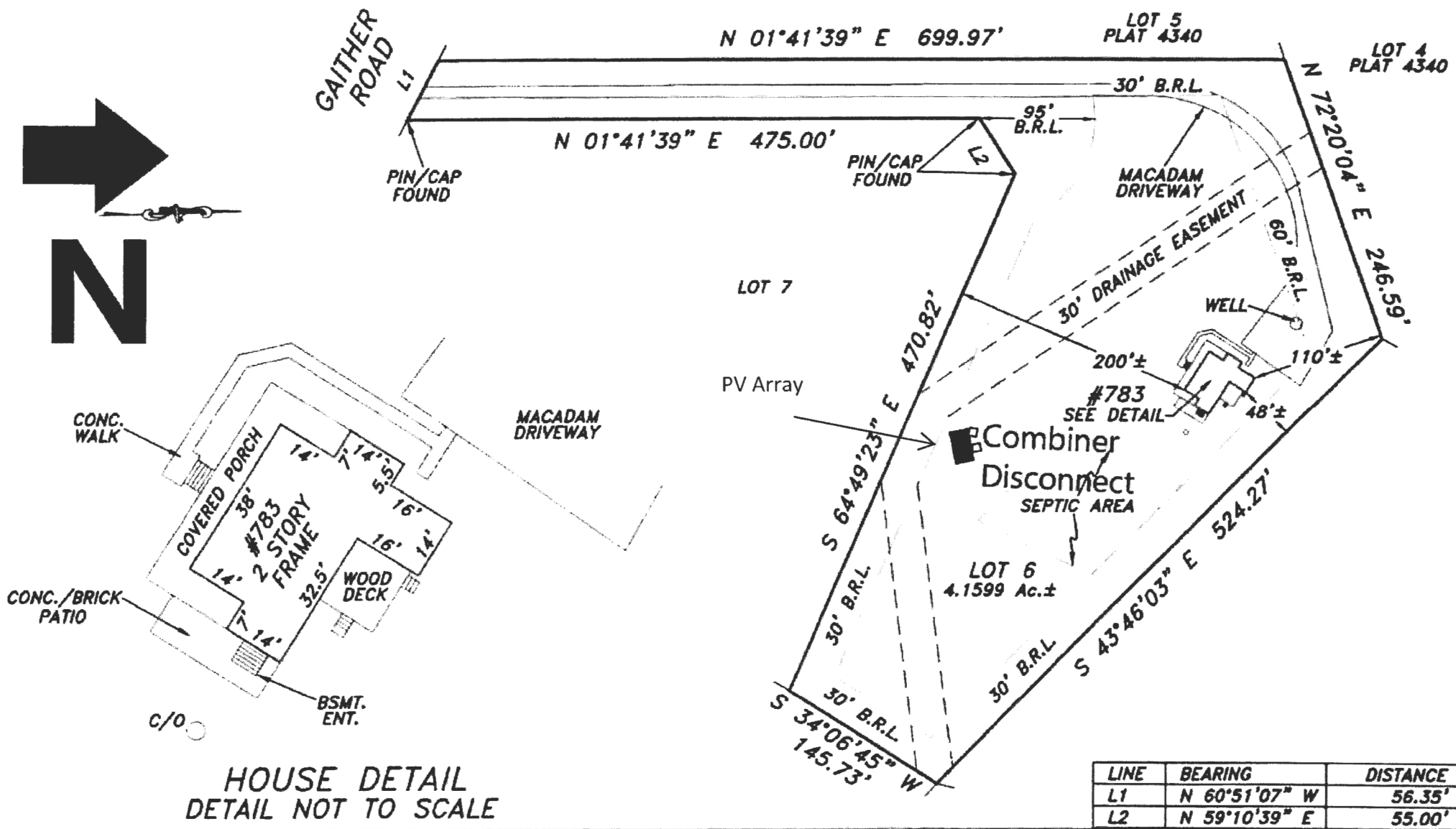
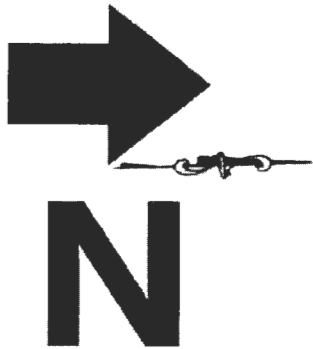
RESIDENTIAL SOLAR PANEL INFO

SOLAR PANEL INFORMATION

**Capital Project-No Fee**                      **Type of Installation**                      **Number of Panels \***                      **Water Supply \***                      **Sewage Disposal \***                      **Expiration Date**  
 Yes  No                      Solar Collector - Ground Mount                      30                      Private                      Private                      7/28/2024  
**Existing Use \***                                      **Sprinkler System**  
 SFD                                       Yes  No

PAYMENT INFORMATION

Submit    Cancel



**HOUSE DETAIL  
DETAIL NOT TO SCALE**

LINE	BEARING	DISTANCE
L1	N 60°51'07" W	56.35'
L2	N 59°10'39" E	55.00'

The purpose of this drawing is to locate, describe, and represent the positions of buildings and substantial improvements affecting the property shown hereon, being known as:

Lot 6, as shown on the plat entitled,  
"Conway Property"

recorded among the land records of Howard County, Maryland in  
Plat Number 7815

This is to certify that I either personally prepared or was in responsible charge over the preparation of this drawing and the surveying work reflected in it, all set forth in Regulation .12 of Chapter 09.13.06 of the Code of Maryland Annotated Regulations.

This is page one of a two page document. The advice found on the affixed page is an integral part of this drawing, and is not valid without all pages.



James Carl Hudgins  
Property Line Surveyor #96  
Expiration Date: 3/11/2024

**LOCATION DRAWING**  
783 GAITHER ROAD  
3rd ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

**NTT Associates, Inc.**

16205 Old Frederick Rd.  
Mt. Airy, Maryland 21771  
Phone: (410) 442-2031  
Fax: (410) 442-1315

www.nttsurveyors.com

Scale: 1" = 120'

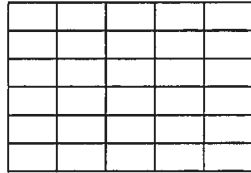
Date: 1/2/2024

Field By: CB/KSW

Drawn By: RMS

File No.: MISC 16394

Page No.: 1 of 2



**PANEL LAYOUT**  
N.T.S

**6Lx5C SUB-ARRAY DESIGN DATA**

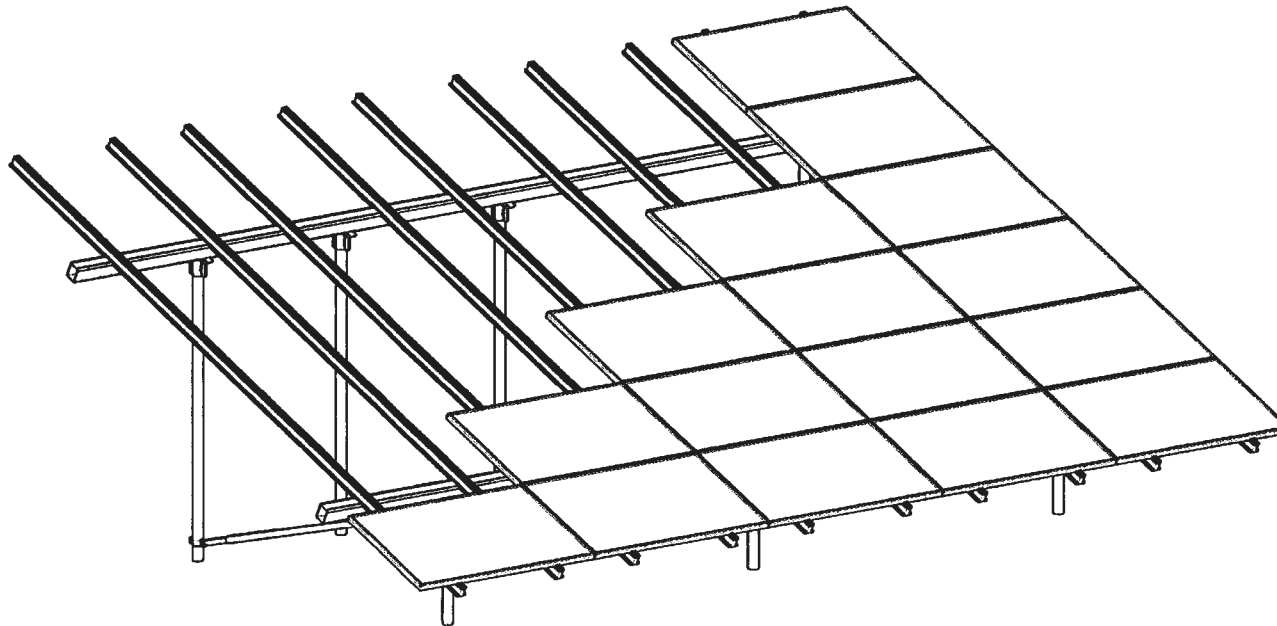
QTY OF MODULES/SUB-ARRAY:	30
QTY OF SUB-ARRAYS:	1
PANEL COLUMNS/SUB-ARRAY:	5
QTY OF PANEL ROWS:	6
PANEL ORIENTATION:	LANDSCAPE
PANEL COLUMN SPACING:	3/4"
PANEL ROW SPACING:	1/4"
PANEL MODEL:	Q.PEAK DUO BLK ML-G10+
PANEL SIZE:	41.14" x 73.98"
PANEL POWER RATING:	405 WATTS
SUB ARRAY POWER RATING:	12.15 KW
TOTAL POWER RATING:	12.15 KW
QTY RAIL PER PANEL:	2

**SITE DESIGN CONDITIONS**

BASIC WIND SPEED: (RISK CATEGORY II)	110 MPH	MAXIMUM PILE AXIAL BEARING:	3,895 LBS
BASIC WIND SPEED: (RISK CATEGORY I)	102 MPH	MAXIMUM PILE UPLIFT:	2,330 LBS
EXPOSURE CATEGORY:	C	MAXIMUM LATERAL RESISTANCE:	1,795 LBS
GROUND SNOW LOAD:	30 PSF	TOP RAIL MAXIMUM LOADING:	106.5 PLF
FLAT ROOF SNOW LOAD:	N/A	GROUND SCREW DEPTH:	60" MIN
SITE CONTOUR:	<5 DEG SLOPE		

ALL DESIGN WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE MARYLAND BUILDING PERFORMANCE STANDARDS REGULATIONS INCLUDING, BUT NOT LIMITED TO, THE 2018 INTERNATIONAL BUILDING CODE WITH THE DEPARTMENT OF LABOR, LICENSING AND REGULATION MODIFICATIONS (REF: COMAR 09.12.51).

NET DESIGN PRESSURES WERE CALCULATED IN ACCORDANCE WITH ASCE 7-16 SECTION 27.3.2 "OPEN BUILDINGS WITH MONOSLOPE, PITCHED, OR TROUGHED ROOFS". ALL LOAD CASES WERE EVALUATED IN DETERMINING THE LIMITING DESIGN CONDITIONS. THE DATA TABLE ABOVE PROVIDES THE RESULTS FOR THE LIMITING LOAD CASE. MAXIMUM PILE REACTION FORCES REPRESENT THE HIGHEST LOAD CONDITION APPLIED TO ANY PILE IN THE STRUCTURE. ALL PILES IN THE STRUCTURE ARE DESIGNED TO MEET THE MAXIMUM LOAD CONDITIONS.



**ISOMETRIC VIEW**  
N.T.S

**NOTE:**

- (1) ADDITIONAL NORTH GROUND SCREW IS TO BE INSTALLED PER FIELD DIRECTION. THE GROUND SCREW IS TO SUPPORT EQUIPMENT MOUNTING NEEDS. IT IS NOT REQUIRED FOR NORTH BEAM SUPPORT.

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 40027, EXPIRATION DATE: 3/15/25.

DATE	REVISION	DRAWN BY:	REVIEW BY:
01/24/2024	ORIGINAL	JB	JD

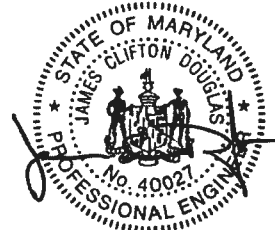


1142 River Road, New Castle, DE 19720  
Ph: (855) 738-7200 Fax: (866) 644-5665

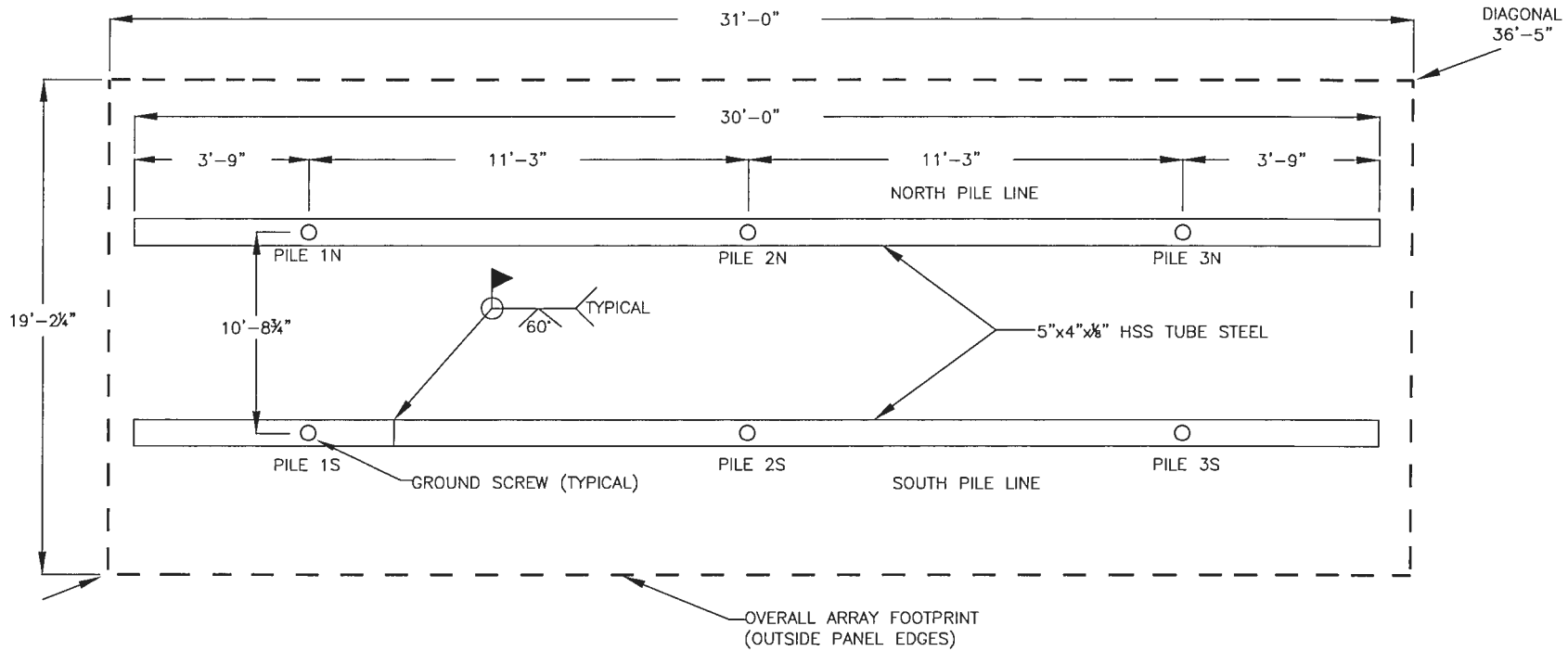
AMERICAN DESIGN AND BUILD

-PROJECT-  
OSBORNE, JULIAN RESIDENCE(PV23510GM)  
783 GAITHER RD  
SYKESVILLE, MD 21784

James C Douglas  
Digitally signed by James C Douglas  
DN: cn=US, o=New York, email=jdouglas@ad1410c080001863.com, c=US, ou=James C Douglas  
Date: 2024.01.25 08:20:19 -0500



S-1



**PILE PLAN LAYOUT**  
N.T.S

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 40027, EXPIRATION DATE: 3/15/25.

James C Douglas  
Digitally signed by James C Douglas  
DN: c=US, o=New York, dnQualifier=+01410C00001863C, DN: c=US, o=James C Douglas  
Date: 2024.01.25 08:21:19 -0500



**Solar Foundations USA**  
1142 River Road, New Castle, DE 19720  
Ph: (855) 738-7200 Fax: (866) 844-5665

AMERICAN DESIGN AND BUILD  
-PROJECT-  
OSBORNE, JULIAN RESIDENCE(PV23510GM)  
783 GAITHER RD  
SYKESVILLE, MD 21784

DATE	REVISION	DRAWN BY:	REVIEW BY:
01/24/2024	ORIGINAL	JB	JD

S-3

2/15/98  
WSPF-AM

03-312909

# PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 51148

A 40455

DISTRICT \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXX~~ 410-313-2640

DATE 12/11/98

DATE SYSTEM APPROVED 12/15/98

INSPECTOR AN

## INDEXED

Dan Ricker IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 13898 Forsythe Road Sykesville, Maryland 21784 PHONE (410) 442-3613

SUBDIVISION Conaway Property LOT 3B ROAD 783 Gaither Road

PROPERTY OWNER William J. Ricker

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONS

**BUILDING PERMIT SIGNED  
AND RETURNED**

NUMBER OF BEDROOMS 3 4-103 BPOD140 825-560 ROOM + DECK

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth .5 feet below original grade. Effective area begins at 4 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Beginning from the left rear lot corner, place the distribution box 240 feet down the rear (524.27') lot line and 30 feet off the rear line as seen when facing property from Gaither Road. Run trenches along contour towards the left (699.97') and front (246.59') lot lines.

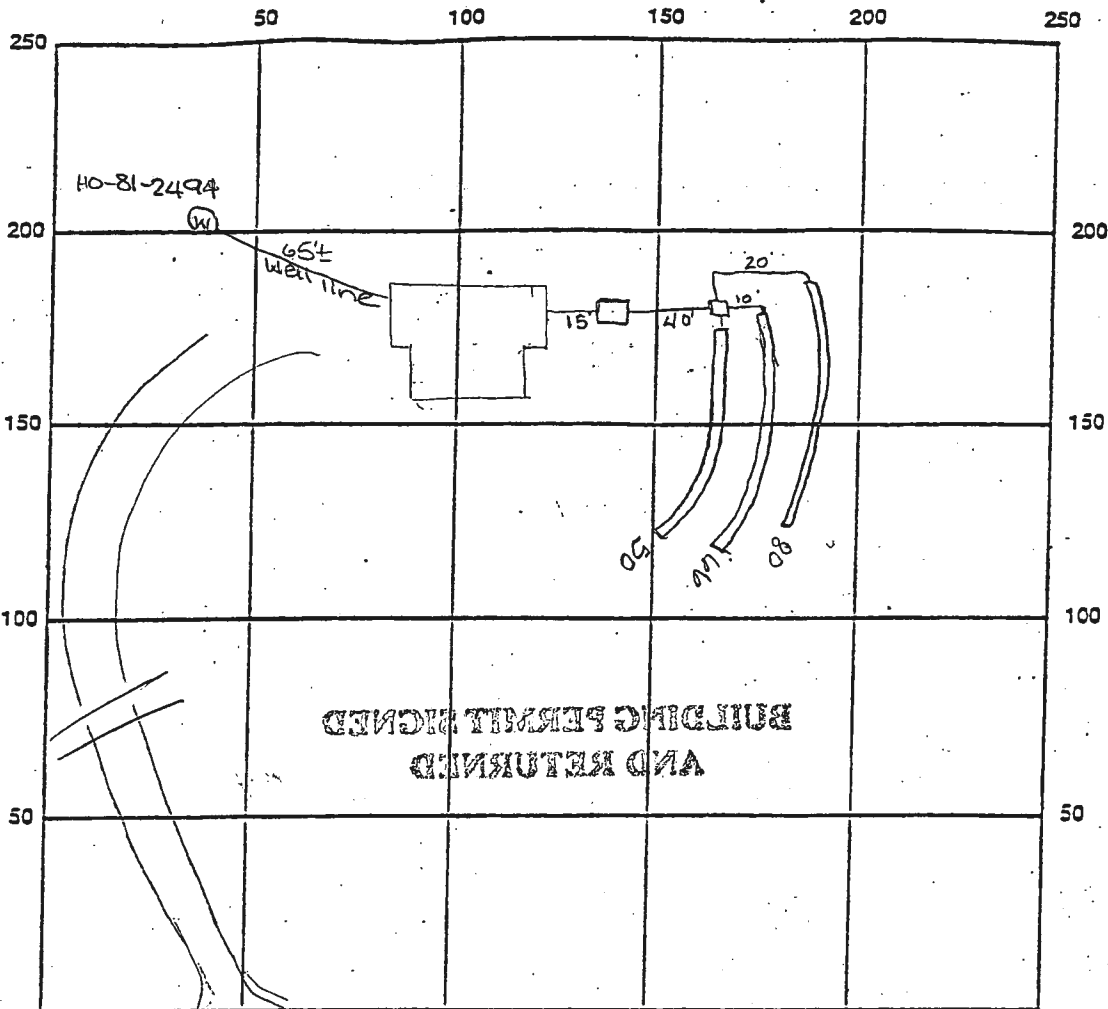
NOTES - 1st trench not to exceed 50 feet in length.  
2nd trench not to exceed 60 feet in length.  
3rd trench not to exceed 100 feet in length.  
4th trench not to exceed 100 feet in length.

OK KM 10/21/98

PLANS APPROVED BY Bert Nixon/Glen Savage DATE 10-08-98

- DO NOT WORK UNTIL INSPECTED AND APPROVED
- EITHER 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. 90° ELBOWS NOT ACCEPTABLE.
- 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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)
- 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 25/40 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 PVA 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**



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

*Garther Road*

SEPTIC TANK LEVEL OK-1000 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 196 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 588 SQ. FT.

DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET 2.0 FT.

ABSORBENT AREA      SQ. FT.

REMARKS: 12/15/98 OK to cover all work Au

DATE SYSTEM APPROVED 12/15/98 INSPECTOR A. McMillan

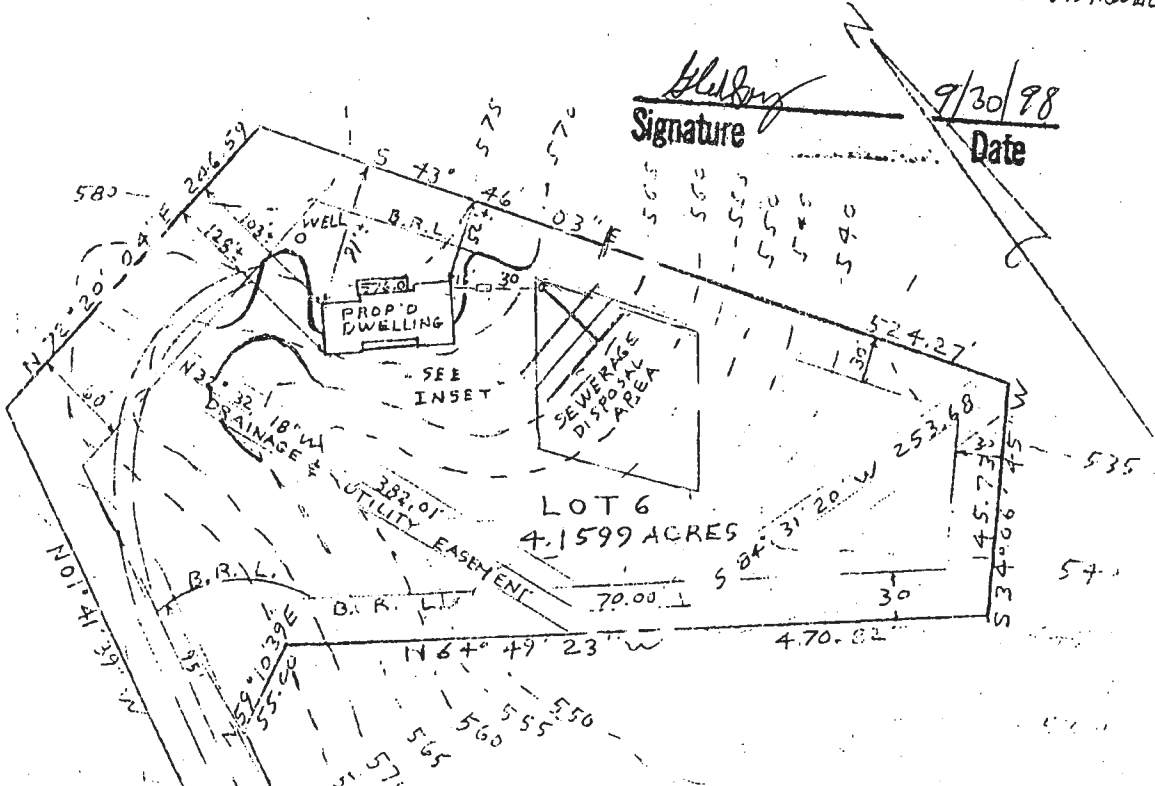
William E. Doyle

Approved Septic System Plan

Howard County Health Department

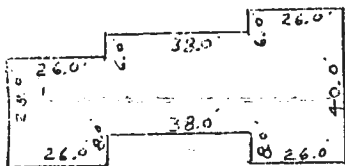
LAND SURVEYOR 2210  
 5312 FIMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE 761-729-2210  
 SAME PLAN, ELEVATIONS AS PREVIOUS APPROVAL

*Blalby*  
 Signature \_\_\_\_\_ Date 9/30/98



Total linear feet of trench required 186 feet  
 Width of trench (es) 03 feet  
 Depth of trench (es) 57 feet  
 Depth of stone required below distribution pipe 15 feet  
 INSET  
 SCALE: 1" = 40'

EXIST. ORN. AT DISTR. BOX	569.00
INV. IN DISTR. BOX	565.50
INV. OUT OF SEPTIC TANK	566.10
INV. INTO SEPTIC TANK	566.50
INV. OUT OF DWELLING	566.82
FIRST FLOOR ELEV.	577.00
CELLAR ELEV.	568.00
WELL ELEV.	577.80
NO. OF BEDROOMS	3
ACREAGE	4.1599 ACRES



N60°51'07"W  
 56.35'  
 GAITHER ROAD



--- DENOTES: EXISTING CONTOURS  
 ~~~ DENOTES: PROPOSED CONTOURS

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS TO BE ACCUAL AND CORRECT FOR THIS PROPERTY.

signed *William E. Doyle*

PLOT PLAN  
 LOT 6, GAITHER ROAD  
 PLAT OF CONAVAY PROPERTY  
 PLAT NO. 7815  
 ELECTION DISTRICT 3  
 HOWARD COUNTY MD  
 SCALE: 1" = 100'  
 DRAWN: MARCH 26, 1990  
 REVISED: APRIL 7, 1990

4/26/90 PLANS OK  
 R 14

Approved Septic System Plan  
Howard County Health Department

B5014467

William E. Doyle *William E. Doyle* 10/8/88  
Signature Date

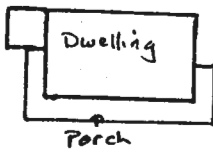
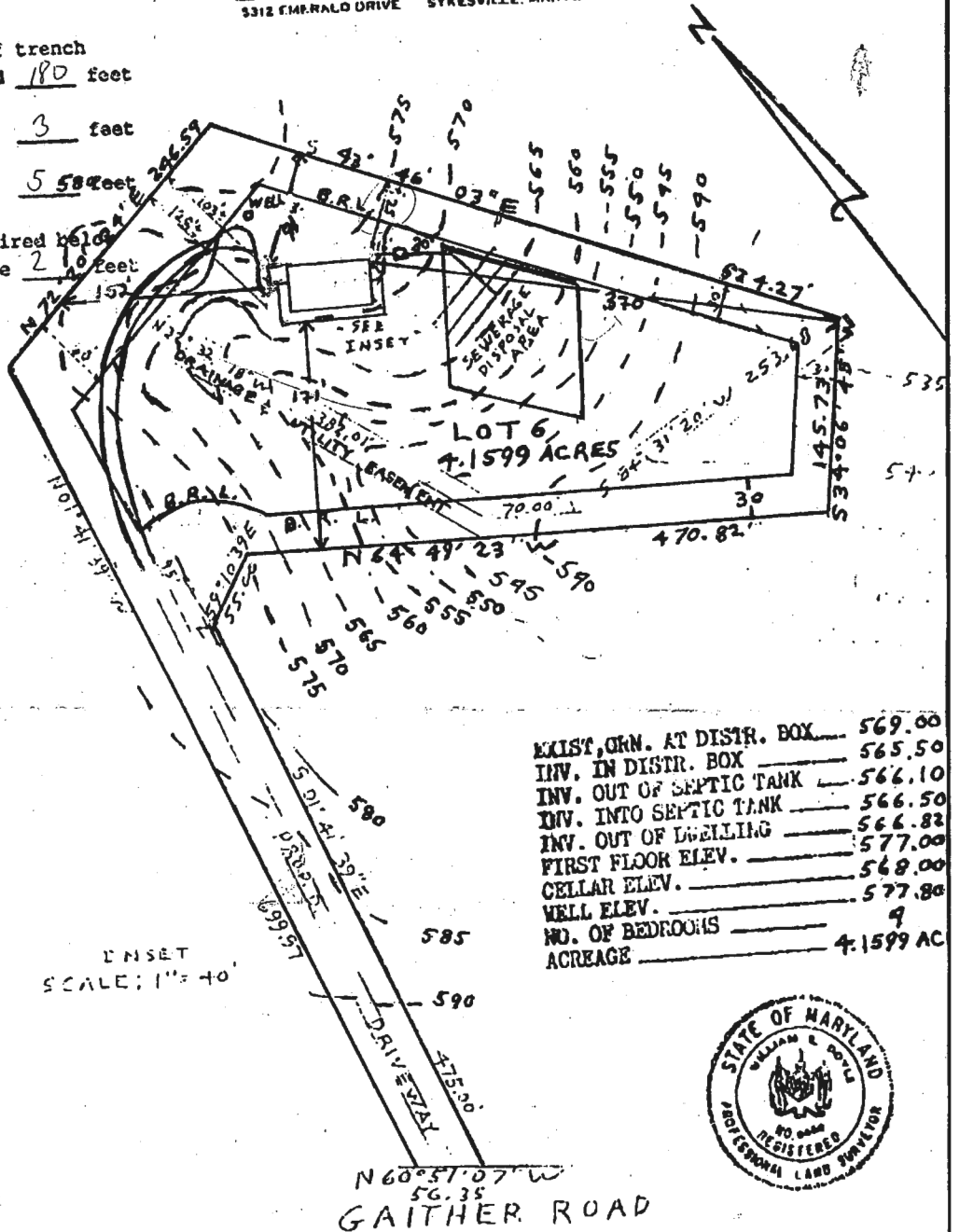
LAND SURVEYOR  
3312 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 723-2216

Total linear feet of trench required 180 feet

Width of trench(es) 3 feet

Depth of trench(es) 5.58 feet

Depth of stone required held distribution pipe 2 feet



|                           |           |
|---------------------------|-----------|
| EXIST. ORN. AT DISTR. BOX | 569.00    |
| INV. IN DISTR. BOX        | 565.50    |
| INV. OUT OF SEPTIC TANK   | 566.10    |
| INV. INTO SEPTIC TANK     | 566.50    |
| INV. OUT OF DWELLING      | 566.82    |
| FIRST FLOOR ELEV.         | 577.00    |
| CELLAR ELEV.              | 577.80    |
| WELL ELEV.                | 577.80    |
| NO. OF BEDROOMS           | 9         |
| ACREAGE                   | 4.1599 AC |

East 370  
West 152  
North 91  
South 170



--- DENOTES: EXISTING CONTOURS  
- - - DENOTES: PROPOSED CONTOURS

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.  
Signed *William E. Doyle*

PLOT PLAN  
LOT 6, GAITHER ROAD  
PLAT OF CONAWAY FROM  
PLAT NO. 7815  
ELECTION DISTRICT  
HOWARD COUNTY MD  
SCALE: 1" = 100  
DRAWN: MARCH 26, 1988  
REVISED: APRIL 7, 1988  
4/20/90 PLANS O  
RIT