Menu Save Reset Cancel Help

Approved MRC 5/14/26

Record Detail * *(This section is required.)*

Permit Type	Permit Number	Opened Date
Building/Commercial/New/NA	B26000139	01/15/2026

Description of Work

ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER/We will replace two of our existing security booths at the Resident's Convenience Center and remove a third booth. All will be recycled at the RCC. These are prefabricated structures, so the scope is limited to remove existing anchors and disconnect electrical, and then we will place the new pre-engineered and prefabricated structure on the existing foundation, anchor it, and reconnect the electrical.

Online BP. gs 5/7/26

check spelling

Address * *(This section is required.)*

Search Reset Clear Get Parcel & Owner

Street #	Street Name	Street Type
2350	MARRIOTTSVILLE	RD

Unit Type	Unit #	X Coordinate	Y Coordinate
–Select–		-76.90331	39.3056

City	State	Zip Code	Primary
MARRIOTTSVILLE	MD	21104	Yes

Parcel * *(This section is required.)*

Search Reset Clear Get Address & Owner

GIS ID *	Parcel	Parcel Area	Land Value	Improved Value	Exemption Value	Plan Area
900076	302	74.35	5129000	9275300	4146300	ELLICO

Legal Description

IMPS74.3514 AR[ ]2350 MARRIOTTSVILLE RD[ ]

check spelling

Block	Lot	Census Tract	Council Dist	Inspection Dist	Supervisor Dist	Map #	DAP Zone
		603000	5				

Plan Area	State Tax Id	Subdivision Name
	1403305910	

Section	Area	Tax Map
		16

Grid	Zoning District	ADC Map
16-10	RC-DEO	4814-F2

SDP No.	Final Plan No.	WP File No.

Record Plat No.	WS Contract No.	FDP No.	Primary
			Yes

Owner Occupied	Year Built	Historic District
○ Yes ◉ No	1981	○ Yes ◉ No

Historic District Registry No.	Stat Area	Flood Plain
	3-03A	◉ Yes ○ No

Building No

Owner *(This section is not required.)*

Search Reset Clear

Name *
HOWA

Address Line 1
9801 Broken Land Parkway

Address Line 2

Address Line 3

Mail City
Columbia

Mail State
MD

Mail Zip Code
21046

Phone
410-313-6419

Primary
Yes

E-mail

jgliptis@howardcountymd.gov
Cell Number **Fax Number**

Professionals *(This section is not required.)*

License # *
1111111
License Type *
Contractor
Primary
No
Business Name
HOWARD COUNTY GOVERNMENT
First Name **Middle Name** **Last Name**
Howard County Government
Address Line 1
3430 COURT HOUSE DRIVE
Address Line 2
City **State** **ZIP Code**
ELLICOTT CITY MD 21043
Phone 1 **Phone 2** **Fax**
410-313-2455
E-mail

Applicant *(This section is not required.)*

Search **As Owner** **As Lic. Prof** **As Contact**

Type *
Applicant
Relationship
Applicant
Primary
No
First Name **MI** **Last Name**
Howard County Government
Full Name
Howard County Government
Organization Name
HOWARD COUNTY GOVERNMENT
Street Address
3430 COURT HOUSE DRIVE
Address Line 2
City **State** **Zip Code**
ELLICOTT CITY MD 21043
Phone **Cell** **Fax**
4103132455 4108043228
E-mail *
jgliptis@howardcountymd.gov

Contact *(This section is not required.)*

Search **As Owner** **As Lic. Prof** **As Contact**

Type
Contact
Relationship
Applicant
Primary
Yes
First Name **MI** **Last Name**
Joshua B Gliptis
Full Name
Joshua B Gliptis
Organization Name
Howard County Government, DPW - Environmental Services
Street Address
9801 Broken Land Parkway
Address Line 2
City **State** **Zip Code**
Columbia MD 21046
Phone **Cell** **Fax**
410-804-3228 410-804-3228
E-mail
jgliptis@howardcountymd.gov

Addtl Info

Est Construction Cost * **Housing Units** * **Number of Buildings** * **Public Owned**
132650 0 0 No
Construction Type
--Select--

COMMERCIAL PERMIT INFORMATION

BUILDING INFORMATION

Expedited Review * **Capital Project-No Fee** * **Capital Project Number** * **Fee Exempt** * **Fee Exempt Group**
C0299 (Text) --Select--

Condominium: ○ Yes ○ No

Change In Use: ○ Yes ○ No

Roadside Tree Permit: ○ Yes ◉ No

Roadside Tree Project Permit #: ○ Yes ○ No (Text)

Road Frontage: N/A

Existing: Securit

Use Group *: Other-See Description of Work

Number of Solar Panels: (Number)

Tenant *: Howard County Government (Text)

Assembly: ○ Yes ○ No

Minor Alteration *: ◉ Yes ○ No

Revision Fees?: ○ Yes ○ No

Height: FT (Number)

No of Stories: (Number)

Gross Area - Sq Foot Per Floor: SQFT (Number) 96

Area of Construction - SQ FT *: SQFT (Number)

Downtown Tax S

Excise Tax at $0.97 SQ FT: SQFT (Number)

Excise Tax at $1.90 SQ FT: SQFT (Number)

Construction Type: IIB Unprotected Non-Combustible

State Certified Module: ○ Yes ○ No

Expiration Da: 11/3/2026

U&O Issued On

U & O Comments

check spelling

UTILITY INFORMATION

Water Supply *: Private

Sewage Disposal *: Private

Utilities *: Electric

Heating System *: Electric

Geothermal *: ○ Yes ◉ No

Sprinkler System *: None

GREEN BUILDING INFORMATION

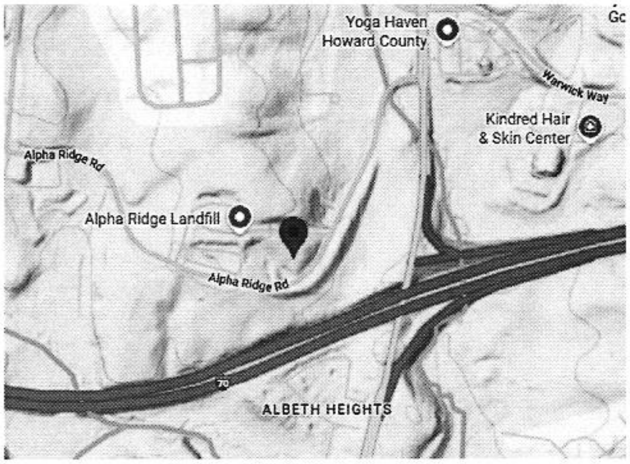
Goal Level: --Select--

Actual Level: --Select--

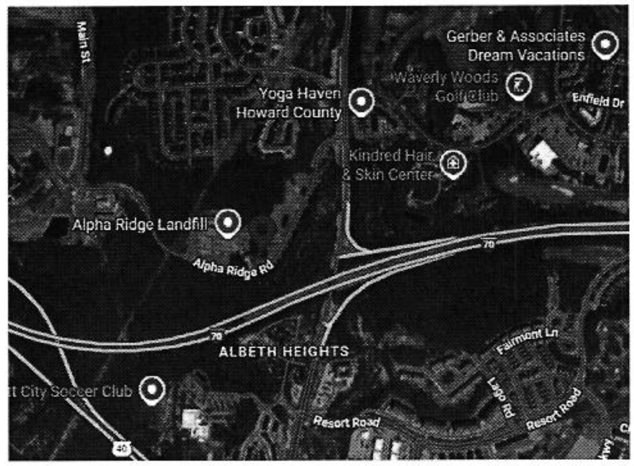
Leed Registration Number: (Text)

Date of Leed Certification

Submit Cancel



1 MAP VIEW (SCALE - N.T.S.)



2 ARIEL VIEW (SCALE - N.T.S.)

CODE BLOCK

THIS WORK SHALL CONFIRM TO THE FOLLOWING CODES IN EFFECT BUT NOT LIMITED TO THE FOLLOWING:
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2021 INTERNATIONAL MECHANICAL CODE (IMC)
2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2020 NATIONAL ELECTRIC CODE (NFPA 70)
2019 MARYLAND ACCESSIBILITY CODE (MAC)

ENERGY CODE COMPLIANCE PATH:C402.1.5 COMPONENT PERFORMANCE ALTERNATIVE

THIS NOTE APPLIES TO ALL SHEETS:
THE PROFESSIONAL ENGINEER WAIVES AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND DESIGN INTENT THEY CONVEY OR FOR PROBLEMS WHICH ARISE FROM OTHER'S FAILURE TO OBTAIN AND OR/ FOLLOW THE PROFESSIONAL ENGINEER GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES, OR CONFLICTS WHICH ARE ALLEGED. BUILDINGS TO BE CONSTRUCTED IN FULL CONFORMANCE WITH ALL APPLICABLE CODES AND RESTRICTIONS. PROFESSIONAL ENGINEER TO BE NOTIFIED PRIOR TO CONSTRUCTION IN THE EVENT OF CODE REVISION OR CHANGES.
SCOPE OF WORK:
STAND-ALONE MODULAR UNIT TO BE USED AS OFFICE SPACE AND NOT TO BE IN, ON OR ABUTTED TO ANOTHER BUILDING

NOTES:

1. REQUIRED BATHROOM FACILITIES WILL BE PROVIDED ON SITE IN AND ADJACENT BUILDING WITHIN 500 FEET, SUBJECT TO LOCAL INSPECTION.
2. CONSTRUCTION TYPE: VB
3. CLIMATE ZONE: 4a
4. ALL ALUMINUM MEMBERS ARE ANODIZED & SHALL CONFIRM TO 6061-T6 ALLOY SHALL CONFORM TO ASTM B 308, AA ASM 35 AND AA ADM1.
5. STEEL RECTANGULAR TUBING SHALL CONFORM TO ASTM A513 1008
6. STEEL ROUND TUBING SHALL CONFIRM TO ASTM A53 GR.B
7. ISOPARATE/ ISOCOP PANEL (0.0189"+FOAM+0.0189") SHALL CONFORM WITH ASTM A 653SS GRADE 37 (SHEET STEEL ON BOTH SIDES)
8. RIVETS SHALL CONFORM TO ASTM A 502 GRADE 1
9. OCCUPANCY CLASSIFICATION: B
10. OCCUPANCY LOAD : 2
11. PANEL BRAND NAME ISOCINDU PANEL TYPE
12. BUILDING IS NOT IN A FLOOD HAZARD AREA
13. FIRE SEPARATION DISTANCE 10'<X<30'.
14. ALL WINDOWS & DOOR SHALL COMPLY WITH ASTM E330 AND NFRC 100 AND 200
15. CONTACT BETWEEN ALUMINUM (CHANNEL) AND STEEL (FRAMES, PANELS) WILL BE SEPARATED BY SEALING MATERIAL.
16. GUARDIAN BOOTH IS NOT RESPONSIBLE FOR THE ANCHORING OF THIS UNIT, ANCHORING TO BE DONE BY CUSTOMER
17. ROOF TO BE COATED WITH THREE YEAR AGED SOLAR REFLECTANCE OF 0.55 AND 3 YEAR AGED THERMAL EMITTANCEC OF 0.75.
18. FOR ALL THE TUBING A501/A501M-14 THE YIELD AND TENSILE STRENGTH NEEDS TO BE 10% GREATER THAN THE USE ON THE CALCULATION.
19. WELDING PROCESS TO BE PERFORM BY A CERTIFIED WELDER AWS D1.3
20. WINDOWS FLASHING GENERAL ELECTRIC SCS 1000
21. FLAME SPREAD AND SMOKE DEVELOPED CLASSIFICATION OF INTERIOR MATERIAL IS C
22. MINIMUM ROOF COVERING CLASSIFICATION TYPE C.
23. REQUIRED DRINKING FOUNTAIN FACILITIES WILL BE PROVIDED ON SITE IN AND ADJACENT BUILDING WITHIN 500 FEET, SUBJECT TO LOCAL INSPECTION.
24. 24. NATURAL LIGHT 84.81 SQFT PROVIDED > 4.06 SQFT. REQUIRED = OK
25. 25. NATURAL VENTILATION 34 SQ.FT. PROVIDED > 2.03 SQFT. REQUIRED = OK

DRAWING INDEX

SHEET	DWG.	DISCRIPTION
1	S-0	LEGEND (FOR PRODUCTION REF. ONLY)
2	SITE	SITE PAGE & CODE BLOCK
3	S-2	FLOOR PLAN, FLOOR FRAMING, ROOF PLAN
4	S-3	SIDE ELEVATIONS
5	S-4	CONNECTION & WALL DETAILS
6	S-5	ROOF CONNECTION DETAIL, DOOR DETAIL & THERMAL SECTION
7	S-6	BUILDING FRAMEWORK & WELD DETAIL
8	M-1	MECHANICAL FLOOR PLAN
9	E-1	ELECTRICAL PLAN & PANEL SCHEDULE

LOAD CONSIDERATIONS

THIS STRUCTURE HAS BEEN ANALYZED AND DETERMINED TO BE ABLE TO WITHSTAND THE FOLLOWING LOADS:

RISK CATEGORY II

ROOF DEAD LOAD	:	5	PSF
FLOOR DEAD LOAD	:	10	PSF
ROOF LIVE LOAD	:	20	PSF
FLOOR LIVE LOAD	:	50	PSF OR 2000 LB
GROUND SNOW LOAD	:	25	PSF
ULTIMATE WIND SPEED	:	115	MPH
NOMINAL WIND SPEED	:	89	MPH
WIND EXPOSURE	:	C	

SEISMIC DATA

SEISMIC DESIGN CATEGORY: B
SOIL SITE CLASS : D

Ss	:	0.139 G
S1	:	0.043 G
Sms	:	0.222 G
Sm1	:	0.103 G
Sds	:	0.148 G
Sd1	:	0.069 G

R-VALUE

"FOAMULAR NGX 250" FLOOR INSULATION - 2" R-10 = 0.083
"ISOPARATE PANEL" WALL INSULATION - 4" R-28.17 = 0.035
"ISOCOP PANEL" ROOF INSULATION - 6" R-42.25 = 0.024

- 36" SWING DOOR_(U-FACTOR 0.24 , SHGC 0.07 AND VT 15%) (PRD-N-86-19899-00001)
- SLIDING WINDOW_ 3/4" THICK, (GLAZED U-FACTOR = 0.28 , SHGC : 0.21 AND VT : 48%) (PRD-N-97-00190-00001)
- FIXED WINDOW_ 3/4" THICK, (GLAZED U-FACTOR = 0.27 , SHGC : 0.23 AND VT : 54%) (PRD-N-95-00259-00001)

ITEM	MATERIAL DESCRIPCION	MEMBER SIZES	MATERIAL GRADE	MATERIAL PROPERTIES
1	4"WALL DOUBLE STEEL LAYERS ISOPARATE PANELS FOR WALL	0.0189" + FOAM + 0.0189	ASTM A653 GRADE 37	FB: 22.2 KSI; FT=52 KSI; FS=16 PSI; FC=15PSI
1B	6" ROOF DOUBLE STEEL LAYERS ISOCOP PANELS FOR ROOF	0.0189" + FOAM + 0.0189	ASTM A653 GRADE 37	FB: 22.2 KSI; FT=52 KSI; FS=16 PSI; FC=15PSI
2	IRON STEEL TUBING	1.5" X 1.5" X 0.065"	AA501/AA501M-14	E=2.9E7 PSI; G=1.115E7 PSI; FY=48.4 KSI; FU=63.8 KSI
3	IRON STEEL TUBING	1.5" X 1.5" X 0.125"	AA501/AA501M-14	E=2.9E7 PSI; G=1.115E7 PSI; FY=48.4 KSI; FU=63.8 KSI
4	ROUND STEEL	1.5" X 1.5" X 0.125"	A53 GR. B	E=2.9E7 PSI; G=1.115E7 PSI; FY=48.4 KSI; FU=63.8 KSI
5	WALL CHANNEL	1"X4"X1X0.04	6061-T6	E=1.01E7 PSI; G=3.788+6 PSI; FT=38 KSI; FC=35 KSI; FS=24 KSI
6	C-CHANNELS FOR ROOF	2"X6"X2X0.04	AA501/AA501M-14	E=1.01E7 PSI; G=3.788+6 PSI; FT=38 KSI; FC=35 KSI; FS=24 KSI
7	C-CHANNELS FOR WALLS	1.5" X 1.5" X 0.125"	AA501/AA501M-14	E=2.9E7 PSI; G=1.115E7 PSI; FY=48.4 KSI; FU=63.8 KSI
8	CORNER COLUMNS	5.5" HALF CYLINDER	6061-T6	E=1.01E7 PSI; G=3.788+6 PSI; FT=38 KSI; FC=35 KSI; FS=24 KSI
9	PEEL RIVETS		A502 GR. 1	FT=680 LBF; FV=540 LBF
10	STEEL ANGLE	1.5"X1.5"X1/8"	A36 GR36	E=2.9E7 PSI; G=1.115E7 PSI; FY=36 KSI; FU=58 KSI
11	ALUMINUM ANGLE	1.5"X1.5"X1/8"		
12	ALUMINUM TUBING	1.5" X 1.5" X 0.065"		
13	IRON STEEL TUBING	2" X 5" X $\frac{3}{16}$"	AA501/AA501M-14	E=2.9E7 PSI; G=1.115E7 PSI; FY=48.4 KSI; FU=63.8 KSI
14	IRON STEEL TUBING	3" X 6" X 0.187"	AA501/AA501M-14	E=2.9E7 PSI; G=1.115E7 PSI; FY=48.4 KSI; FU=63.8 KSI
15	IRON STEEL TUBING	2" X 2" X $\frac{1}{8}$"	AA501/AA501M-14	

3 STRUCTURE DEVICE SCHEDULE (SCALE - N.T.S.)

SPECIAL CONDITIONS AND/OR LIMITATION:

1. UNIT SHOULD NOT BE INSTALL ON A FLOOD AREA
2. UNT SHOULD NOT STACKET ON TOP.
3. UNIT TO BE ANCHORING ON A CONCRETE FLOOR SLAB (DONE BY OTHER'S)
4. ANCHORING STEEL BRACKET AT LEAST AT THE 4 CORNS (SITE INSTALLED ITEM)
5. POWER-STUD+DD2, CARBON STEEL MEDIUM, DEEP EMBEDMENT INTO CONCRETE (DEWALT OR APPROVED EQUIVALENT) (SITE INSTALLED ITEM)
6. UNIT SHOULD NOT BE INSTALL ON A ELEVATION PLATFORM.
7. THE MINIMUM NUMBER OF REQUIRED FIXTURES SHALL BE PROVIDED IN ANOTHER BUILDING LOCATED ON THE INSTALLATION WITH A PATH OF TRAVEL THAT DOES NOT EXCEED A DISTANCE OF 500 FEET. (NEED TO BE INCLUDE ON THE DATA PLATE)
8. RAMP TO BE PROVIDED AND INSPECTED ON-SITE BY OTHERS
9. GROUNDING AND BONDING OF FLOOR FRAMING, METAL ROOF, WALLS AND METAL WATER PIPING WILL BE PROVIDED BY THE CUSTOMER ON SITE.

DOTec Job #

8' X 8' CUSTOM BOOTH

2350 MARRIOTTSVILLE RD, MARRIOTTSVILLE, MD 21104

GuardianBooth
Safe Secure Convenient
13338 Midvale Road Waynesboro, PA 17268
Tel. (844) 992 6684 www.guardianbooth.com

APPROVED :

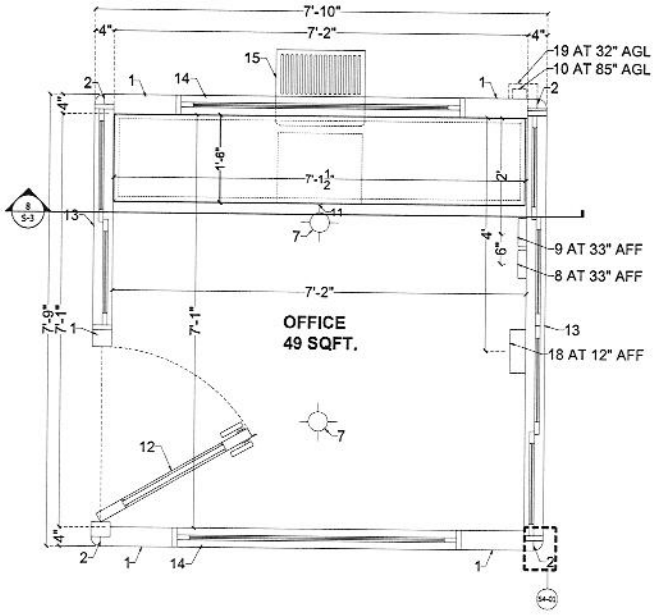
S.NO.	DATE	DESCRIPTION	DRAWN BY
R0	10/01/2025	PRELIMINARY DRAWING	LEOI
R1	10/27/2025	CLIENT REQUEST	LEOI
R2	11/04/2025	CLIENT REQUEST	LEOI
R3			
R4			

PROJECT : 12658_8'X8'_CUSTOM BOOTH

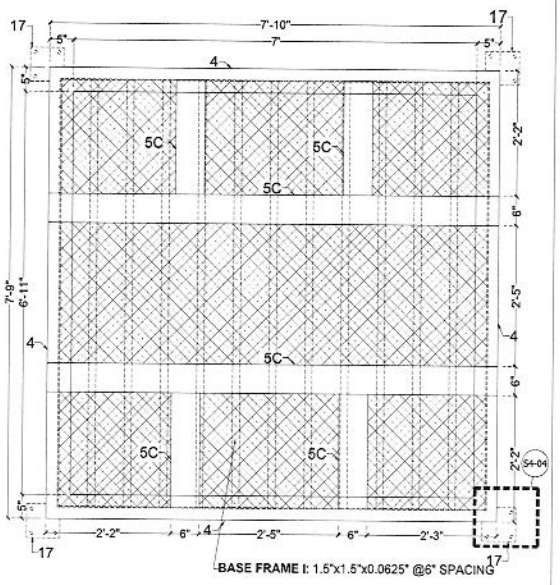
CLIENT : ALPHA RIDGE LANDFILL

DRAWING TITLE : SITE PAGE & CODE BLOCK (S-1)

DRAWN BY : LEOI
DESIGN BY : CHRIS
SCALE : N.T.S.
PROJECT NO. : #12658

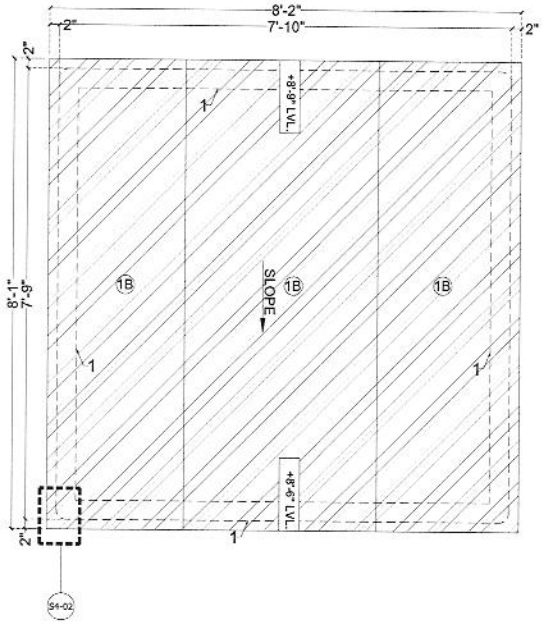


1 FLOOR PLAN (SCALE - 1-1/2":1')



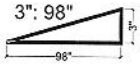
2 FLOOR FRAMING (SCALE - 1-1/2":1')

2" FOAMULAR NGX 250 FLOOR (R-10) TO BE COATED WITH PONCEFIELD FIREGUARD INTUMESCENT APPLIED TO BOTH UNDER SIDE & TOP SIDE PAINT E-84



3 ROOF PLAN (SCALE - 1-1/2":1')

6" THICK ISOCOP PANEL



LEGEND:

1. (1501)(PAINT8X8)_ ISOPARETE PANEL-ALUMINUM FRAME WITH 4" DOUBLE LAYER ISOPARETE PANELS AND R-28.17 XPS FOAM INSULATION FOR WALLS (PAINTED)
1B. (1502)_ ISOCOP PANEL-ALUMINUM FRAME WITH 6" DOUBLE LAYER PANELS AND R-42.25 XPS FOAM INSULATION FOR ROOF
2. (4100)_ CORNER COLUMN
3. (4001, 4002, 4003)_ C-CHANNEL
4. STEEL I BEAM W5X16
5. (S8X8FI) BASE-FRAME:WELDED 1.5" X 1.5" X 0.0625" SQUARE STEEL TUBING, COVERED WITH 0.12" THK. DIAMOND FLOOR PLATE (INSULATED)
5B. SUPPORT TUBE 1 1/2" X 1-1/2" X 0.125"
5C. SUPPORT TUBE 3" X 6" X 3/16"
6. (S8X8R)_ PITCH ROOF WITH 2" OVERHANG
7. (3101)_ INTERIOR LED BULB (9 WATT @ EACH)
8. (2305)_ LIGHT SWITCH WITH OCCUPANCY SENSOR/DIMMER **(HUBBELL-RR210W)**
9. (2303)_ QUAD OUTLET
9B. RECEPTACLE FOR AC
10. (EXTJUNCTIONBOX)_ EXTERIOR ELECTRICAL CONNECTION BOX
11. (DESK5)_ DESK WITH DRAWER (18" DEEP) (34" HT. FROM AFF)
12. (7098)(TINT8X8)_ 36" SWING DOOR WITH FIXED GLASS & LEVER HANDLE @ 40" AFF MAX. (15% BLACK TINTED) (INSULATED SAFETY GLAZING) (DOOR U-FACTOR 0.34) (SHGC 0.07) (VT 15%) **(PERMATECH DOORS)**
13. (9403-04)(TINT8X8)_ SLIDING WINDOW (INSULATED SAFETY GLAZING) (SHGC 0.21) (U VALUE 0.28) (VT 48%) (15% BLACK TINTED) **(ECOLITE WINDOW)**
14. (TINT8X8)_ FIXED WINDOW (INSULATED SAFETY GLAZING) (SHGC 0.23) (U VALUE 0.27) (VT 54%) (15% BLACK TINTED) **(ECOLITE WINDOW)**
15. (9107)_ WALL MOUNTED HVAC (12000 BTU) **(KEYSTONE - KSTHW12B)** (RECEPTACLE- TO BE INSTALLED IN SAME SIDE WHERE POWER CORD COMES OUT-18"AFF)
16. (AO-MAX-1008)_ D - LINK HOOKS (4X)
17. (BRACKETS-B)_ ANCHORING BRACKET TYPE-B
18. (3401)_ CIRCUIT BREAKER PANEL RATED 125 AMP MAIN LUG (6 SPACE) **(EATON - BR612L125FDP)** (LOCKABLE PANEL)
19. ELECTRICAL DISCONNECT SWITCH (60 AMP) **(SIEMENS - GNF322RA)**
20. CONDUIT

NOTES:

1. DO NOT SCALE THE DRAWING, FOLLOW ONLY FIGURED DIM.
2. ALL DIMENSIONS GIVEN IN THIS DRAWING ARE IN FEET & INCH
3. FLOOR TO BE INSULATED WITH R10
4. PITCH ROOF
5. EXTERIOR TO BE FINISHED WITH PAINT
6. RHINO LINER COATING ON FRAME

DOTcc Job #

8' X 8' CUSTOM BOOTH

2350 MARRIOTTSVILLE RD, MARRIOTTSVILLE, MD 21104

GuardianBooth
Safe Secure Convenient

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R2	11/04/2025	CLIENT REQUEST	LEOI
R3			
PA			

PROJECT : 12658_8'X8'_CUSTOM BOOTH

CLIENT : ALPHA RIDGE LANDFILL

DRAWING TITLE : FLOOR PLAN, ROOF PLAN, FLOOR FRAMING (S-2)

DRAWN BY : LEOI

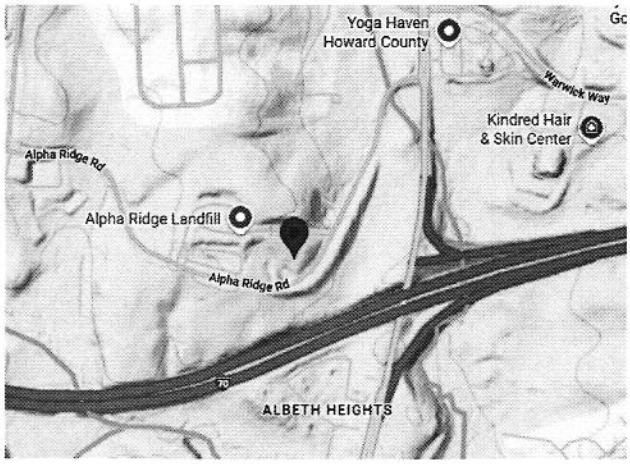
DESIGN BY : CHNS

SCALE : 1-1/2":1' @ A1

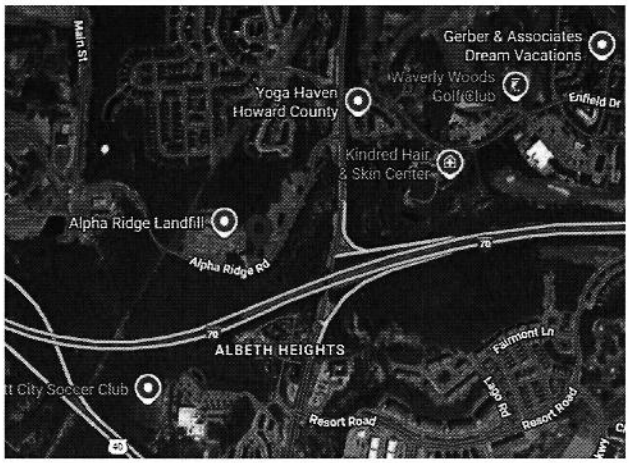
PROJECT NO. : 12658

S-2

2 OF 8



1 MAP VIEW
(SCALE - N.T.S.)



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(SCALE - N.T.S.)

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7. ISOPARATE/ ISOCOP PANEL (0.0189"=FOAM+0.0189") SHALL CONFORM WITH ASTM A 653SS GRADE 37 (SHEET STEEL ON BOTH SIDES)
8. RIVETS SHALL CONFORM TO ASTM A 502 GRADE 1
9. OCCUPANCY CLASSIFICATION: B
10. OCCUPANCY LOAD : 2
11. PANEL BRAND NAME ISOCINDU PANEL TYPE
12. BUILDING IS NOT IN A FLOOD HAZARD AREA
13. FIRE SEPARATION DISTANCE 10'<X<30',
14. ALL WINDOWS & DOOR SHALL COMPLY WITH ASTM E330 AND NFRC 100 AND 200
15. CONTACT BETWEEN ALUMINUM (CHANNEL) AND STEEL (FRAMES, PANELS) WILL BE SEPARATED BY SEALING MATERIAL
16. GUARDIAN BOOTH IS NOT RESPONSIBLE FOR THE ANCHORING OF THIS UNIT, ANCHORING TO BE DONE BY CUSTOMER
17. ROOF TO BE COATED WITH THREE YEAR AGED SOLAR REFLECTANCE OF 0.55 AND 3 YEAR AGED THERMAL EMITTANCEC OF 0.75.
18. FOR ALL THE TUBING A501/A501M-14 THE YIELD AND TENSILE STRENGTH NEEDS TO BE 10% GREATER THAN THE USE ON THE CALCULATION.
19. WELDING PROCESS TO BE PERFORM BY A CERTIFIED WELDER AWS D1.3
20. WINDOWS FLASHING GENERAL ELECTRIC SCS 1000
21. FLAME SPREAD AND SMOKE DEVELOPED CLASSIFICATION OF INTERIOR MATERIAL IS C
22. MINIMUM ROOF COVERING CLASSIFICATION TYPE C.
23. REQUIRED DRINKING FOUNTAIN FACILITIES WILL BE PROVIDED ON SITE IN AND ADJACENT BUILDING WITHIN 500 FEET, SUBJECT TO LOCAL INSPECTION.
24. 24. NATURAL LIGHT 84.81 SQFT PROVIDED > 4.06 SQFT. REQUIRED = OK
25. 25. NATURAL VENTILATION 34 SQ.FT. PROVIDED > 2.03 SQFT. REQUIRED = OK

LOAD CONSIDERATIONS

THIS STRUCTURE HAS BEEN ANALYZED AND DETERMINED TO BE ABLE TO WITHSTAND THE FOLLOWING LOADS:

RISK CATEGORY	II		
ROOF DEAD LOAD	:	5	PSF
FLOOR DEAD LOAD	:	10	PSF
ROOF LIVE LOAD	:	20	PSF
FLOOR LIVE LOAD	:	50	PSF OR 2000 LB
GROUND SNOW LOAD	:	25	PSF
ULTIMATE WIND SPEED	:	115	MPH
NOMINAL WIND SPEED	:	89	MPH
WIND EXPOSURE	:	C	

SEISMIC DATA

SEISMIC DESIGN CATEGORY: B
SOIL SITE CLASS : D

Ss	:	0.139 G
S1	:	0.043 G
Sms	:	0.222 G
Sm1	:	0.103 G
Sds	:	0.148 G
Sd1	:	0.069 G

R-VALUE

"FOAMULAR NGX 250" FLOOR INSULATION - 2" R-10 = 0.083
"ISOPARATE PANEL" WALL INSULATION - 4" R-28.17 = 0.035
"ISOCOP PANEL" ROOF INSULATION - 6" R-42.25 = 0.024

- 36" SWING DOOR_(U-FACTOR 0.24 , SHGC 0.07 AND VT 15%) (PRD-N-86-19899-00001)
- SLIDING WINDOW_ 3/4" THICK, (GLAZED U-FACTOR = 0.28 , SHGC : 0.21 AND VT : 48%) (PRD-N-97-00190-00001)
- FIXED WINDOW_ 3/4" THICK, (GLAZED U-FACTOR = 0.27 , SHGC : 0.23 AND VT : 54%) (PRD-N-95-00259-00001)

ITEM	MATERIAL DESCRIPCION	MEMBER SIZES	MATERIAL GRADE	MATERIAL PROPERTIES
1	4"WALL DOUBLE STEEL LAYERS ISOPARATE PANELS FOR WALL	0.0189" + FOAM + 0.0189	ASTM A653 GRADE 37	FB: 22.2 KSI; FT=52 KSI; FS=16 PSI; FC=15PSI
1B	6" ROOF DOUBLE STEEL LAYERS ISOCOP PANELS FOR ROOF	0.0189" + FOAM + 0.0189	ASTM A653 GRADE 37	FB: 22.2 KSI; FT=52 KSI; FS=16 PSI; FC=15PSI
2	IRON STEEL TUBING	1.5" X 1.5" X 0.065"	AA501/AA501M-14	E=2.9E7 PSI; G=1.115E7 PSI; FY=48.4 KSI; FU=63.8 KSI
3	IRON STEEL TUBING	1.5" X 1.5" X 0.125"	AA501/AA501M-14	E=2.9E7 PSI; G=1.115E7 PSI; FY=48.4 KSI; FU=63.8 KSI
4	ROUND STEEL	1.5" X 1.5" X 0.125"	A53 GR. B	E=2.9E7 PSI; G=1.115E7 PSI; FY=48.4 KSI; FU=63.8 KSI
5	WALL CHANNEL	1"X4"X100.04	6061-T6	E=1.01E7 PSI; G=3.788+6 PSI; FT=38 KSI; FC=35 KSI; FS=24 KSI
6	C-CHANNELS FOR ROOF	2"X6"X2X0.04	AA501/AA501M-14	E=1.01E7 PSI; G=3.788+6 PSI; FT=38 KSI; FC=35 KSI; FS=24 KSI
7	C-CHANNELS FOR WALLS	1.5" X 1.5" X 0.125"	AA501/AA501M-14	E=2.9E7 PSI; G=1.115E7 PSI; FY=48.4 KSI; FU=63.8 KSI
8	CORNER COLUMNS	5.5" HALF CYLINDER	6061-T6	E=1.01E7 PSI; G=3.788+6 PSI; FT=38 KSI; FC=35 KSI; FS=24 KSI
9	PEEL RIVETS		A502 GR. 1	FT=680 LBF; FV=540 LBF
10	STEEL ANGLE	1.5"X1.5"X1/8"	A36 GR36	E=2.9E7 PSI; G=1.115E7 PSI; FY=36 KSI; FU=58 KSI
11	ALUMINUM ANGLE	1.5"X1.5"X1/8"		
12	ALUMINUM TUBING	1.5" X 1.5" X 0.065"		
13	IRON STEEL TUBING	2" X 5" X 1/16"	AA501/AA501M-14	E=2.9E7 PSI; G=1.115E7 PSI; FY=48.4 KSI; FU=63.8 KSI
14	IRON STEEL TUBING	3" X 6" X 0.187"	AA501/AA501M-14	E=2.9E7 PSI; G=1.115E7 PSI; FY=48.4 KSI; FU=63.8 KSI
15	IRON STEEL TUBING	2" X 2" X 1/4"	AA501/AA501M-14	

3 STRUCTURE DEVICE SCHEDULE
(SCALE - N.T.S.)

DRAWING INDEX

SPECIAL CONDITIONS AND/OR LIMITATION:

1. UNIT SHOULD NOT BE INSTALL ON A FLOOD AREA
2. UNT SHOULD NOT STACKET ON TOP.
3. UNIT TO BE ANCHORING ON A CONCRETE FLOOR SLAB (DONE BY OTHER'S)
4. ANCHORING STEEL BRACKET AT LEAST AT THE 4 CORNS (SITE INSTALLED ITEM)
5. POWER-STUD+OD2, CARBON STEEL MEDIUM, DEEP EMBEDMENT INTO CONCRETE (DEWALT OR APPROVED EQUIVALENT) (SITE INSTALLED ITEM)
6. UNIT SHOULD NOT BE INSTALL ON A ELEVATION PLATFORM.
7. THE MINIMUM NUMBER OF REQUIRED FIXTURES SHALL BE PROVIDED IN ANOTHER BUILDING LOCATED ON THE INSTALLATION WITH A PATH OF TRAVEL THAT DOES NOT EXCEED A DISTANCE OF 500 FEET. (NEED TO BE INCLUDE ON THE DATA PLATE)
8. RAMP TO BE PROVIDED AND INSPECTED ON-SITE BY OTHERS
9. GROUNDING AND BONDING OF FLOOR FRAMING, METAL ROOF, WALLS AND METAL WATER PIPING WILL BE PROVIDED BY THE CUSTOMER ON SITE.

DGTec Job #

4' X 8' CUSTOM BOOTH

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APPROVED :

S.NO.	DATE	DESCRIPTION	DRAWN BY
R0	10/01/2025	PRELIMINARY DRAWING	LEGI
R1	10/27/2025	CLIENT REQUEST	LEGI
R2	11/04/2025	CLIENT REQUEST	LEGI
R3			
R4			

PROJECT : 12657_4'X8'_CUSTOM BOOTH

CLIENT : ALPHA RIDGE LANDFILL

The foundations and anchorage were not included in the analysis. The structure was analyzed assuming it has been properly anchored to a foundation. It is the responsibility of the customer to design the foundations and anchorage per their specific site and jurisdictional requirements.

DRAWING TITLE : SITE PAGE & CODE BLOCK (S-1)

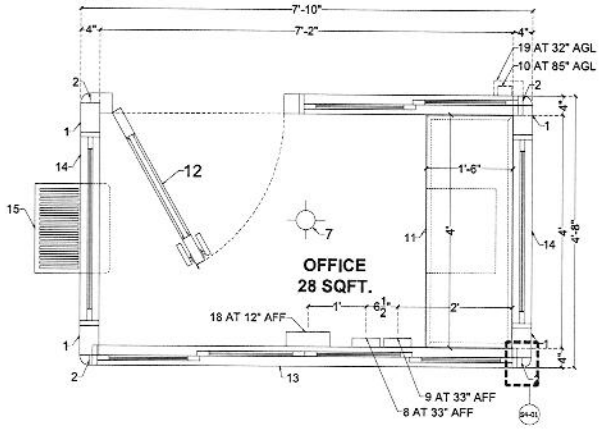
DRAWN BY : LEGI

DESIGN BY : CHRIS

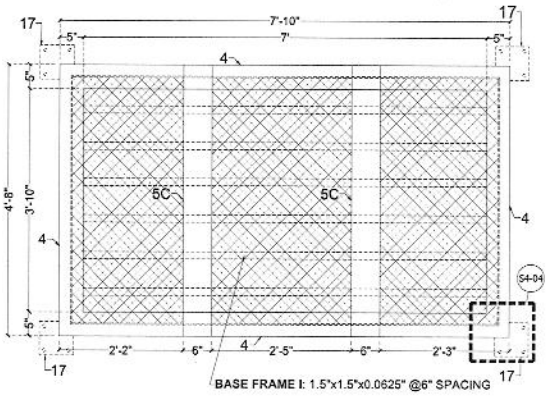
SCALE : N.T.S.

PROJECT NO : #12657

SITE

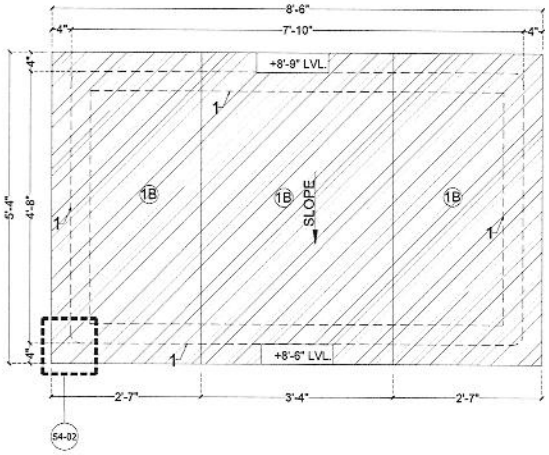


1 FLOOR PLAN (SCALE - 1-1/2":1')



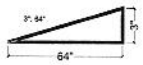
2 FLOOR FRAMING (SCALE - 1-1/2":1')

2" FOAMULAR NGX 250 FLOOR (R-10) TO BE COATED WITH FORCEFIELD FIREGUARD INTUMESCENT APPLIED TO BOTH UNDER SIDE & TOP SIDE PAINT E-84



3 ROOF PLAN (SCALE - 1-1/2":1')

6" THICK ISOCOP PANEL



LEGEND:

1. (1501)(PAINT4X8)_ ISOPARETE PANEL-ALUMINUM FRAME WITH 4" DOUBLE LAYER ISOPARETE PANELS AND R-28.17 XPS FOAM INSULATION FOR WALLS (PAINTED)
1B. (1502)_ ISOCOP PANEL-ALUMINUM FRAME WITH 6" DOUBLE LAYER PANELS AND R-42.25 XPS FOAM INSULATION FOR ROOF
2. (4100)_ CORNER COLUMN
3. (4001, 4002, 4003)_ C-CHANNEL
4. STEEL I BEAM W8X18
5. (S4X8FI) BASE-FRAME:WELDED 1.5" X 1.5" X 0.0625" SQUARE STEEL TUBING, COVERED WITH 0.12" THK. DIAMOND FLOOR PLATE (INSULATED)
5B. SUPPORT TUBE 1 1/2" X 1-1/2" X 0.125"
5C. SUPPORT TUBE 3" X 6" X 3/16"
6. (S4X8R)_ PITCH ROOF WITH 4" OVERHANG
7. (3101)_ INTERIOR LED BULB (9 WATT @ EACH)
8. (2305)_ LIGHT SWITCH WITH OCCUPANCY SENSOR/DIMMER **(HUBBELL-RR210W)**
9. (2303)_ QUAD OUTLET
9B. RECEPTACLE FOR AC
10. (EXTJUNCTIONBOX)_ EXTERIOR ELECTRICAL CONNECTION BOX
11. (DESK5)_ DESK WITH DRAWER (18" DEEP) (34" HT. FROM AFF)
12. (7098)(TINT4X8)_ 36" SWING DOOR WITH FIXED GLASS & LEVER HANDLE @ 40" AFF MAX. (15% BLACK TINTED) (INSULATED SAFETY GLAZING) (DOOR U-FACTOR 0.24) (SHGC 0.07) (VT 15%) **(PERMATECH DOORS)**
13. (9103-04)(TINT4X8)_ SLIDING WINDOW (INSULATED SAFETY GLAZING) (SHGC 0.21) (U VALUE 0.28) (VT 48%) (15% BLACK TINTED) **(ECOLITE WINDOW)**
14. (TINT4X8)_ FIXED WINDOW (INSULATED SAFETY GLAZING) (SHGC 0.23) (U VALUE 0.27) (VT 54%) (15% BLACK TINTED) **(ECOLITE WINDOW)**
15. (9106)_ WALL MOUNTED HVAC (8000 BTU) **(KEYSTONE - KSTHW08B)** (RECEPTACLE- TO BE INSTALLED IN SAME SIDE WHERE POWER CORD COMES OUT-18" AFF)
16. (AO-MAX-1008)_ D - LINK HOOKS (4X)
17. (BRACKETS-B)_ ANCHORING BRACKET TYPE-B
18. (3401)_ CIRCUIT BREAKER PANEL RATED 125 AMP MAIN LUG (6 SPACE) **(EATON - BR612L125FDP)** (LOCKABLE PANEL)
19. ELECTRICAL DISCONNECT SWITCH (60 AMP) **(SIEMENS - GNF322RA)**
20. CONDUIT

NOTES:

1. DO NOT SCALE THE DRAWING, FOLLOW ONLY FIGURED DIM.
2. ALL DIMENSIONS GIVEN IN THIS DRAWING ARE IN FEET & INCH
3. FLOOR TO BE INSULATED WITH R10
4. PITCH ROOF
5. EXTERIOR TO BE FINISHED WITH PAINT
6. RHINO LINER COATING ON FRAME

DOTtec Job #

4' X 8' CUSTOM BOOTH

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R3			
R4			

PROJECT : 12657_4'X8'_CUSTOM BOOTH

CLIENT : ALPHA RIDGE LANDFILL

The information and technical data contained in this drawing is the property of GuardianBooth. The structure was designed assuming it has been properly anchored to a foundation. It is the responsibility of the customer to engage the foundation and mounting per their specific site and jurisdictions requirements.

DRAWING TITLE : FLOOR PLAN, ROOF PLAN, FLOOR FRAMING (S-2)

DRAWN BY : LEGI

DESIGN BY : CHRIS

SCALE : 1-1/2":1' @ A1

PROJECT NO. : #12657

S-2
2 OF 8