

OLD FREDERICK RD

Approved for IR tank
 B23003559
 KAT - 9/16/23

		PROJECT: ASHARI & SYMA BHAVI PROPERTY KEYSTONE FLOOR PLAN 14845 OLD FREDERICK RD WOODBINE, MD 21797
DATE: 9/16/23 SCALE: 1"=32' SHEET NO: 1 TOTAL SHEETS: 1	DRAWING NO: Z100F1 PROJECT NO: 21800PM-112	PROJECT NO: 21800PM-112 SHEET NO: 1 TOTAL SHEETS: 1

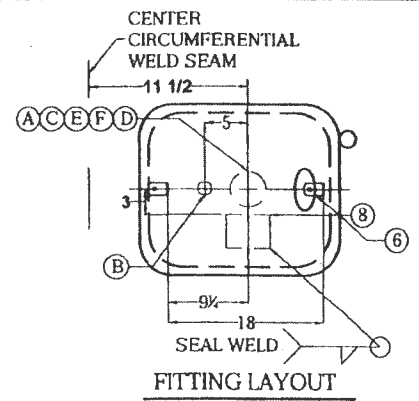
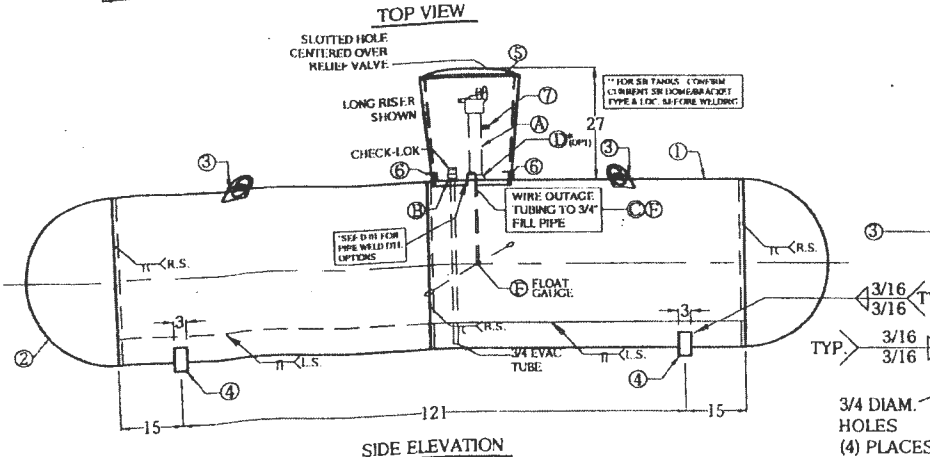
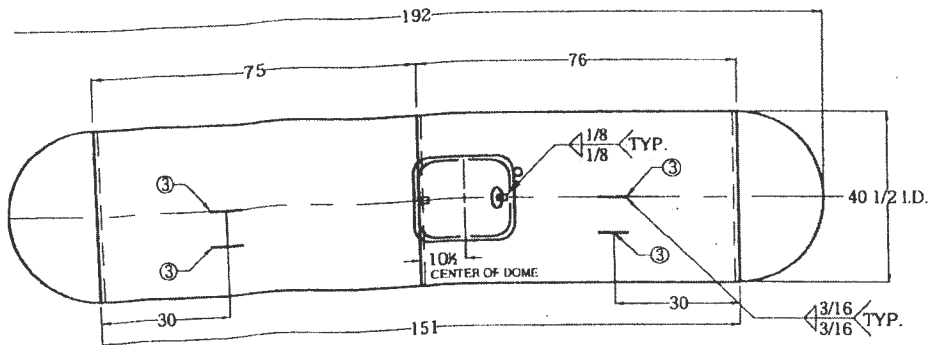
NOTES:
 1. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.
 2. FINISHES ARE TO BE AS NOTED OR AS SHOWN ON THE FINISH SCHEDULE.
 3. ALL WORK IS TO BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND SPECIFICATIONS.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
 5. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ARCHITECT.
 6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
 7. ALL UTILITIES SHALL BE PROTECTED AND DEEPLY REPAIRED.
 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
 9. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
 10. THE CONTRACTOR SHALL MAINTAIN A NEAT AND SAFE WORKING SITE AT ALL TIMES.

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	9/16/23	KAT
2	ISSUED FOR CONSTRUCTION		
3	ISSUED FOR OCCUPANCY		

DRAWING LEGEND

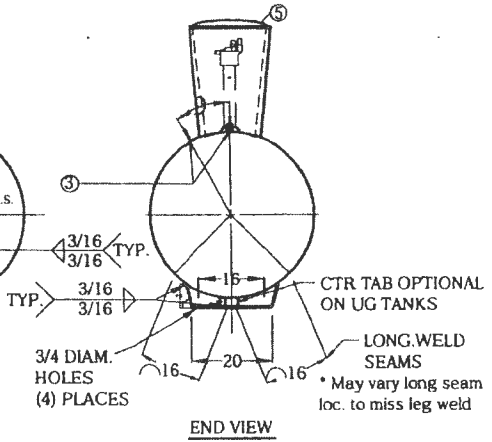
	WALL
	DOOR
	WINDOW
	STRUCTURAL COLUMN
	STRUCTURAL BEAM
	STRUCTURAL SLAB
	STRUCTURAL FOUNDATION

THIS VESSEL IS DESIGNED FOR THE STORAGE OF LIQUEFIED PETROLEUM GAS ONLY



SHORT RISER TANKS MUST HAVE DT LENGTH UPDATED TO 17.5

SEE D-01 FOR ANY UNSPECIFIED WELD DETAILS



CERTIFIED BY: QUALITY STEEL CORPORATION
 CLEVELAND, MS - FREMONT, OH - WEST JORDAN, UT

MAX. ALLOW. WORK PRESS. **250 PSI** AT **400 °F.**
 M.D.M.T. **-20 °F.** AT **250 PSI**

YEAR BUILT **201** SER. NO. *****

LENGTH **192** IN. OUTSIDE DIA. **41** IN.
 HEAD THK. **203** IN. SHELL THK. **.239** IN.
 UNDER GROUND TYPE **UQ7** SURFACE AREA **172** SQ. FT.
 HEAD D.R. **HEMI**
 WATER CAPACITY **1000** GALLONS

CONTAINER ASSEMBLY FOR LP GAS

THIS CONTAINER SHALL NOT CONTAIN A PRODUCT HAVING A VAPOR PRESSURE IN EXCESS OF 215 PSI AT 100°F. DIP TUBE LENGTH - 86% FULL AT 50°F. D.T. = 24.5 IN.

DATA PLATE DETAIL

- GENERAL NOTES:**
- LIFTING LUGS DESIGNED FOR TOTAL LIFTING WEIGHT OF 2700#
 - TOTAL EMPTY WEIGHT IS 1800#
 - ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED
 - COMPLETE TANK DRIED TO REMOVE ALL MOISTURE.
 - ALL WEIGHTS AND CAPACITIES ARE APPROXIMATE
 - EXTERIOR OF TANK TO BE CRIT BLASTED.
 - PAINT PER SHOP ORDER.
 - VACUUM PURGE TANK.
 - DIMENSIONS ARE SUBJECT TO CHANGE WITH OUT NOTICE. (NON-PRESSURE RETAINING COMPONENTS ONLY)
 - THREADS OF ALL FITTINGS TO BE COATED WITH COMPOUND SUITABLE FOR USE WITH LP GAS.
 - FLOAT GAUGE TO BE INSTALLED WITH FLOAT ARM 45° OFF LONGITUDINAL CENTERLINE OF TANK.
 - DOUBLE LIFTING LUGS ON LONG RISER TANKS ONLY

GENERAL SPECIFICATIONS	
WATER CAPACITY (GALLONS)	1000
ALLOWABLE WORKING PRESSURE (PSIG)	250
JOINT EFFICIENCY:	ASME UW-51 LONG SEAM 100 % ASME UW-52 HEAD TO SHELL 80 %
HYDROSTATIC TEST PRESSURE (PSIG)	325
SURFACE AREA (SQ. FT.)	172
RELIEF VALVE SETTING (PSIG)	250
RELIEF DISCHARGE RATE - (CFM REQ'D.)	1096
HEAT TREATMENT NOT REQUIRED	
CODE:	ASME SECTION VIII DIV. I
STANDARDS:	UNDERWRITERS LABORATORIES INC. MH-7203 N.F.P.A. 58 LP GAS CODE
MATERIAL SPECS:	TANK FLANGES SA-105 or SA-181 ADAPTOR SA-105 PIPE SA-53B OR SA106B
HEAT TREATMENT NOT REQUIRED	

PART NO: 0110003X SHORT RISER
0110004X LONG RISER

MARK	QTY.	SQZF.	TYPE	FITTINGS		SERVICE	MARK	QTY.	DESCRIPTION	DWG. NO.
				RECO						
			SCH 40 PIPE	BPG008475RL24.1	MULTIVALVE		1	2	SHELL - 0.239" X 75 3/4" X 127 3/8" - SA414G / SA455	
A	1	2 1/2	SCH 40 PIPE	BPG008475RL24.1	MULTIVALVE		2	2	HEADS - 40 1/2" I.D. X 0.203" - HEMI SA414C	
1 (ALT.)	1	2 1/2	SCH 40 PIPE	007580UT	CHEK-LOK		3	4	LIFTING LUGS	D-63
B	1	3/4	XH FLG. W/ EVAC TUBE		FILL PIPE		4	2	TANK LEGS (SINGLE PIECE LFG)	D-3
C	1	3/4	SCH. 40 PIPE (T.O.E.)		RISER PIPE		5	1	DOME	D-5 & D-47
(OPT)	1	2 1/2	XH SOCKET WELD FLG.		ATTACHMENT		6	2	DOME BRACKETS	D-30
E	1	1 1/4	4-BOLT Style		FLOAT GAUGE		7	1	ANODE ATTACHMENT	D-17
F	1	1/8	BRASS TUBE		OUTGAGE TUBE		8	2	DATA PLATE . 1000 GAL., 1UG	D-60

REV.	BY:	DESCRIPTION	DATE:
23	CDH	DELETED DOME LUGS. ADDED SNAP LOCALS	9/3/02
24	CDH	REPOSITIONED SNAP-LOCK DETAIL	10/16/02
25	CDH	ADDED NOTE FOR SLC IN SIDE ELEVATION	3/1/03
26	CDH	ADDED FLOAT GAUGE DESCRIPTIONS	5/8/03
27	CDH	CORRECTED SHELL LENGTH	11/12/03
28	wlo	ADDED SA414G SHELL OPTION	9/17/04
29	wlo	ADDED OPTION FOR SA181 FLANGES	8/4/05
30	wlo	REVISED COMPANY NAME	12/08/07
31	wlo	CHANGED TO NARROW PLATE	03/09/09
32	wlo	UPDATE NAME PLATE	06/08/12
33	bs	2 PLATE SHELL AND UPDATE NAME PLATE	09/13/13
34	TWV	UPDATED HEAD & PLY THICKNESS & NAMEPLATE. UPDATE TO QSC STD COMPONENTS.	06/19/15

1000 W.G. UNDERGROUND
PROPANE TANK-TYPE-UQ7 (FORMERLY AWT-UG)

QUALITY STEEL CORPORATION

DATE: 01 / 03 / 00
 CHECKED BY: RAC
 APPROVED BY: TWV
 REF. NO: 34
 DRAWING NO: R-1000MW

STANDARD

RECEIVED

PERMIT NUMBER: B 22001367

DATE ACCEPTED:

RESIDENTIAL BUILDING PERMIT APPLICATION
 HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES, AND PERMITS
 3430 COURT HOUSE DRIVE, ELLICOTT CITY, MD 21043 - PHONE: (410) 313-2455 OPTION #4
 www.howardcountymd.gov

BUILDING SITE ADDRESS REQUIRED

Street Address: **14945 Old Frederick Rd** Unit: _____
 City: **Woodbine** State: **MD** Zip Code: **21797**
 Subdivision/Village/Complex Name: **1001** SDP/WP/BA #: _____
 Lot: **5** Tax Map: **8, Grid 9** Parcel: **73** Grading Permit #: _____

DESCRIPTION OF WORK REQUIRED

Existing Use: **Vacant unimproved lot** Proposed Use: **SFD** Estimated Cost: **\$ 932,485.00**
 Trade Work to Be Completed (Separate Permits Required): Mechanical (HVACR) Electrical Plumbing None
VTD proposed SFD with 6 bedrooms, 5 full baths, 1 half bath, 1 fire place and 20 rooms. (SFD dwelling) - 2 stories with basement.

PROPERTY OWNER INFORMATION REQUIRED

Owner(s) Name(s) (As it appears on tax records): **Syma & Askari Rizvi** Primary Residence: Yes No
 Owner's Street Address: **12614 Fawn Run Ct**
 City: **Ellicott City** State: **MD** Zip Code: **21042**
 Phone: **(240) 475-2271** Email: **askariraza79@gmail.com**

APPLICANT NAME REQUIRED - INDIVIDUAL WHO SIGNS THIS APPLICATION

Business Name: **KCI Technologies, Inc.** Contact Name: **Frank White**
 Street Address: **936 Ridgebrook Road**
 City: **Sparks** State: **MD** Zip Code: **21152**
 Phone: **(410) 316-0803** Email: **frank.white@kci.com**

CONTRACTOR INFORMATION REQUIRED

Business Name: **Keystone Custom Homes**
 Licensee's Name: _____ License #: **MHBR# 2937 (exp 12/01/2021)**
 Street Address: **227 Granite Run Drive, Suite 100**
 City: **Lancaster** State: **PA** Zip Code: **17601**
 Phone: **(717) 719-1362** Email: **greinsmith@keystonecustomhome.com**

ARCHITECT/ENGINEER INFORMATION INDIVIDUAL WHO SIGNED PLANS, IF APPLICABLE

Business Name: **James F. Collins, P.E.** Name: **James F. Collins**
 Street Address: **227 Granite Run Drive, Suite 100**
 City: **Lancaster** State: **PA** Zip Code: **17601**
 Phone: **(352) 250-3146** Email: **jcollins@keystonecustomhome.com**

BUILDING CHARACTERISTICS REQUIRED

Primary Structure: SF Dwelling SF Townhouse SF Duplex Mobile Home Multi-Family Dwelling (MF*) Condo: Yes No
 Utilities: Electric Gas Water Supply: Public Private (Well) Sewage Disposal: Public Private (Septic)
 Heating System: Electric Natural Gas Propane Other: _____ Roadside Tree Project: No Yes: # _____
 Sprinkler System: NFPA 13 NFPA 13R NFPA 13D None Fire Alarm System: Yes No Voice Evac

ADDITIONAL RESIDENTIAL INFORMATION (PLEASE SELECT/COMPLETE ALL THAT APPLY)

Model Name & Options: **Devonshire Manor**
 # of Bedrooms (SF): **6** # of efficiency units (MF*): _____ # of 1 BR (MF*): _____ # of 2 BR (MF*): _____ # of 3 BR (MF*): _____
 # Rooms: **29** # Full Baths: **5** # Half Baths: **1** # Fireplaces: **1**
 Garage/Carport Info: Attached Garage Detached Garage Integral Garage Carport None
 Basement/Foundation Info: Slab on Grade Post & Pier Unfinished Basement Finished Basement: Full or Partial
 1st Fl Width: **80** 1st Fl Depth: **61** 2nd Fl Width: **68** 2nd Fl Depth: **51** Bsmt Width: **80** Bsmt Depth: **61**
 Energy Method: Prescriptive Performance UA Alternative ERI Gross Area: **8,371** sq ft Occupiable Area: **7,687** sq ft

AGREEMENT/ DISCALIMER REQUIRED

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION, (2) THAT THE INFORMATION IS CORRECT, (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO, (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION, (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES

APPLICANT'S ORIGINAL SIGNATURE: _____ DATE SIGNED: **3/25/2022**

FOR OFFICE USE ONLY CHECKS PAYABLE TO: DIRECTOR OF FINANCE OF HOWARD COUNTY

AGENCIES REQUIRED/APPROVALS:

PR DPZ DFD Health SHA CID

SUBMITTAL FEES: _____ PAYMENT: **660874** ACCEPTED BY: _____