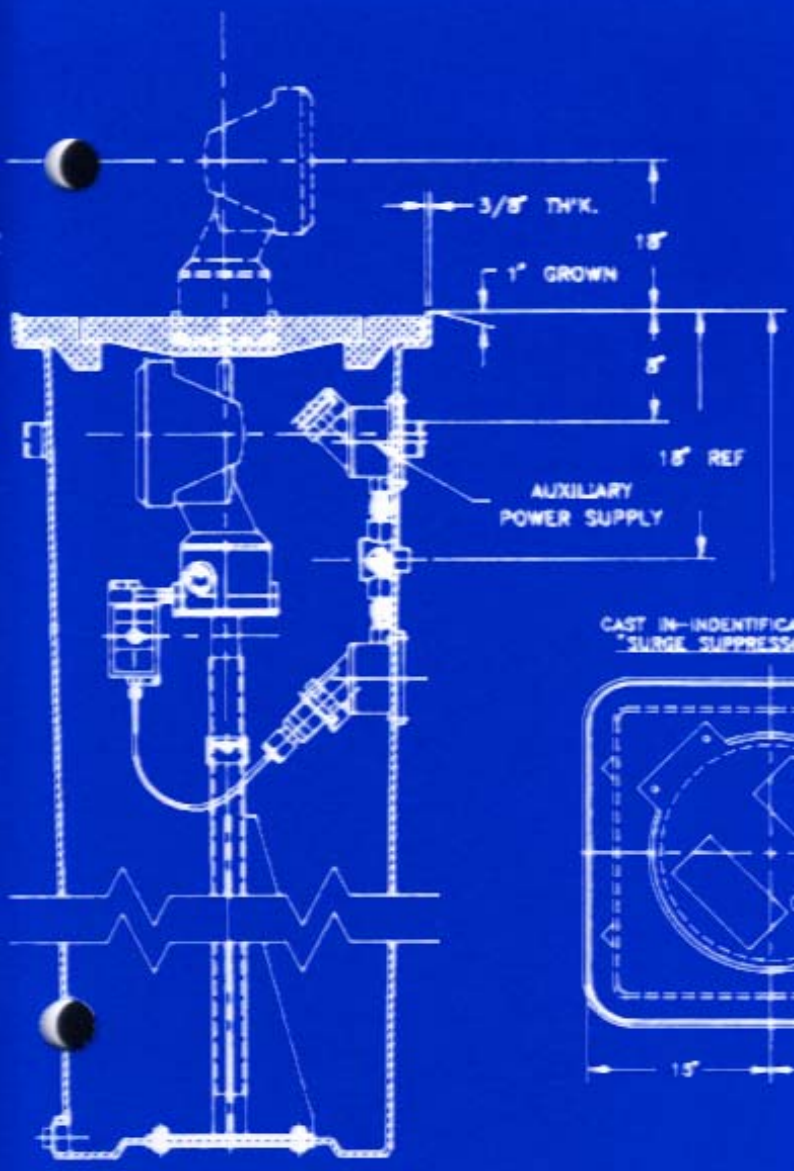
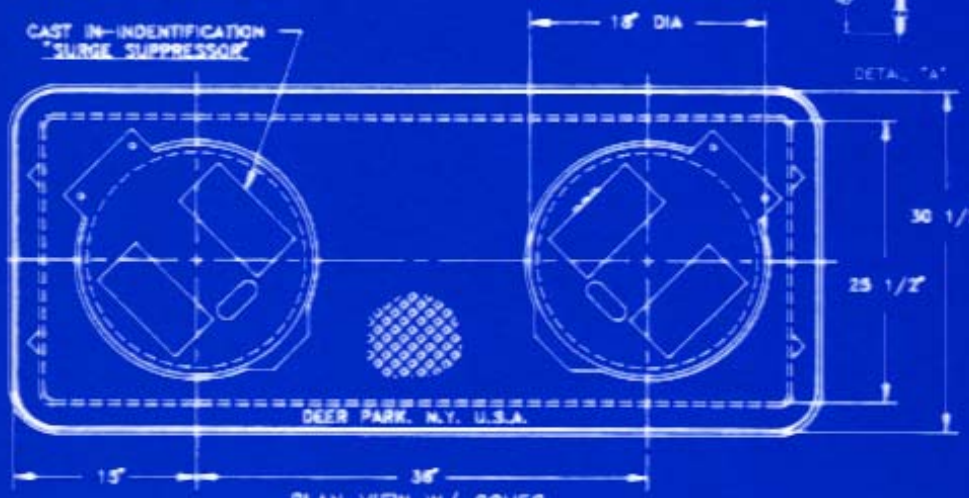


PIT & LIGHT

PLAN VIEW



PLAN VIEW W/ COVER

GNY EQUIPMENT, LLC

AIRCRAFT GROUND SERVICE PIT
CATALOG NO. GSP 2000

AIRCRAFT
GROUND SERVICE PIT
CATALOG NO. GSP 2000

DOMESTIC AND INTERNATIONAL SALES
Please direct all inquiries to:

GNY EQUIPMENT, L.L.C.
20 Drexel Drive,
Bay Shore, New York 11706, USA
Email: gnyequip@gnyequipment.com
www.gnyequipment.com

TABLE OF CONTENTS

AIRCRAFT GROUND SERVICE PIT SELECT-O-CHART

MODEL NO.	OUTSIDE FRAME DIM.	SERVICE OPENING SIZE	INSIDE SHELL DIMENSIONS	DEPTH OF PIT STD.	DEPTH OF PIT AVAIL
1463 FM	27½" Dia.	18" Dia.	23½" Dia.	38"	18" - 72"
1480	27½" Dia.	18" Dia.	23½" Dia.	38"	48"
6200	31½" Sq.	18" Dia.	25½" x 25½" Sq.	40"	52", 72", 144"
6300	31½" Sq.	18" Dia.	25½" x 25½" Sq.	40"	52", 72", 144"
1464	46" Dia.	18" Dia.	40" Dia.	48"	60"
6000	31¼" x 66¾"	2 - 18" Dia.	25½" x 61"	60"	39" to 144"
6000 RV, RVE	31¼" x 66¾"	2 - 18" Dia.	25½" x 61"	72"	78" to 144"
7038-VA	68" x 44"	38" Sq.	38" x 38"	Var.	Var.
8000	83" x 80¾"	41¼" x 75¾"	41¼" x 75¾"	72"	96, 108, 120, 144
9000	67½" x 60¾"	25½" x 61"	41" x 61"	72"	96, 108. 120
GD-360 CB	12¾" Sq.	9" Dia.	9" Dia.	96"	30" - 96"
GD-360-10	12¾" Sq.	9" Dia.	9" Dia.	38"	30" - 60"
938 TWP	12¾" Sq.	9" Dia.	9" Dia.	38"	30" - 60"
938-UP	12¾" Sq.	9" Dia.	9" Dia.	38"	30" - 60"
R663PA	36" x 36" Sq.	18' Dia.	24" x 24" Sq.	24"	Up to 96"
663PA	36" x 36" Sq.	24" X 24"	24" x 24" Sq.	24"	Up to 96"
1462A	28⅜" Dia.	16" Dia.	24" Dia.	21"	Up to 60"
800	22" Dia.	18" Dia.	19" Dia.	16"	Up to 60"
1723 FT	21¾" Dia.	18" Dia.	19" Dia.	16"	Up to 60"
3021	46" x 46" sq.	34" x 34"	34" x 34"	40.5"	Up to 96"
1725	20½" x 24¼"	17.5" Dia.	17.5" Dia. 25"	25"	Up to 96"

AIRCRAFT GROUND SERVICE PIT SELECT-O-CHART

SPECIAL FEATURES	SHELL CONSTRUCT.	PAGE NUMBER	SPLIT TOP AVAIL.	3" DRAIN
Removable Outer Cover	FG	4, 5	Y	Y
Expanded Sides	FG	22, 23	Y	Y
Removable Outer Cover	FG	26, 27	Y	Y
Integrally Bonded Steel Frame	FG	32, 33	Y	Y
Oversized Pit	FG	34, 35	Y	Y
Dual Opening		36, 37	Y	Y
Expanded Shell	FG	48, 49	Y	Avail.
Oversized	FG	55	N	N
Oversized CWT Cover	FG	56, 57	Y	Avail.
CWT Cover Expanded Body	FG	60, 61	Y	Avail.
Inc. Anode Ground	FG, W/GALV.	62, 63	Y	Avail.
Stud w/10' Grd. Rod	FG	64, 65	Y	N
Test Well Pit	FG	66, 67	Y	N
Utility Pit	FG	70, 71	Y	N
Replacement Cover For 663 PA	Steel	72, 73	N	Avail.
Incl. Hydrant Snubber	Steel	74, 75	N	Avail.
Steel Pit Steel Bolted Cover	Steel	78, 79	N	Avail.
Twistlok 3 Lug Cover	Steel	80, 81	N	Avail.
Drop In Cover	Steel	82, 83	N	Avail.
Spring Assist Hold Open Bar	Steel	84, 85	N	Avail.
'O' Ring Seal On Cover	FG	88, 89	Y	Std.

Partial List of Service Pit Customers and Locations

AIRLINES

American
Avianca
Braniff
British Airways
Cargolux
China Airline
Continental, Denver, CO
Delta
Eastern
Federal Express, Memphis, TN
Federal Express
Newark, NJ
Flying Tiger
Garuda Int'l Indonesia
Korean Airlines
National, Northeast
Northwest
Pakistan Int'l Airlines
Pan American
People Express
Piedmont
TWA
United
UPS, KY
USA Air
Varig

AIRPORTS

Aeropuerto, Venezuela
Algeria
Anchorage, AK
Bangkok, Thailand
Bangor Int'l, ME
Barcelona, Spain
Bombay, India
Calgary Int'l, Canada
Caracas, Venezuela
Charlotte/Douglas Int'l
Chile
China
C.K.S. Taiwan
Cochabamba, Bolivia
Costa Rica
Dallas Ft. Worth
Dayton, OH
Denver Int'l, CO
Detroit Int'l, MI
Dorval, Montreal
Dulles Int'l, DC
Dum Dum, Calcutta, India
Ecuador
Edmonton, Alberta
EPIA, Saudi Arabia
Fort Lauderdale, FL
Guam
Guangzhou, China
Halifax, Nova Scotia
Hong Kong
Honolulu, HI
Houston, TX
Iceland
Indonesia
Israel
Jinan, Beijing, China
Kansas City, MO
Kaohsiung, Taiwan
Karachi, Pakistan
KFIA, Saudi Arabia
Kimpo, Korea
King Khaled, Riyadh, Saudi
Lagos, Nigeria
La Guardia, NY
La Pax, Bolivia
Las Vegas, NV
Lihue Airport, Kauai, HI
Logan, MA
Los Angeles, CA
Luxembourg
Madrid, Spain
Maiquetia, Venezuela
Manchester, NH
Memphis, TN
Mercer County, NJ
Miami, FL
Minneapolis/St. Paul, MN
Mirabel Int'l, Montreal
Monrovia, Liberia
Naha, Okinawa
Nassau, The Bahamas
New Orleans, LA
Newark, NJ
New York/JFK, NY
Oakland, CA
Oman
Ontario, Canada
Orlando, FL
Palma De Mallorca, Spain
Peru
Philadelphia, PA
Pittsburgh, PA
Raleigh-Durham
Riyadh, Saudi Arabia
Roberts Int'l, Liberia
Saipan
San Francisco, CA
San Juan, Puerto Rico
Seattle, WA
Seoul, Korea
Simon Bolivar, Ecuador
St Louis, MO
Stapleton/Denver, CO
Tahiti
Tampa, FL
Tanajib, Saudi Arabia
Thumrait, Oman
Titron, Taiwan
Tokyo Int'l, Japan
Toronto Int'l, Canada
Tucson, AZ
Yokohama, Japan

MILITARY

Adak AFB, AK
Anderson AFB, GU
Astoria Air Station, OR
Barksdale AFB, LA
Carswell AFB, TX
Chilean Air Force
Dover AFB, DE
Dyess AFB, TX
Edwards AFB, CA
Elgin AFB, FL
Ellsworth AFB, SD
Fort Hood, TX
George AFB, CA
Grand Forks AFB, ND
Griffiss AFB, NY
Grissom AFB, IN
Illinois Air National Guard,
Kadena AFB, Japan
Kelly AFB, TX
Kincheloe AFB, MI
Langley AFB, VA
Loring AFB, ME
March AFB, CA
McCarran Field, NE
McConnel AFB, KS
McGuire AFB, NJ
Minot AFB, ND
Mountain Home AFB, ID
NASA, Al
Offut AFB, NE
Ohio Air National Guard
Opalocka Air Station, FL
Otis ANGB, MA
Pease AFB, NH
Plattsburgh AFB, NY
Pope AFB, NC
RAF Milden Hall, England
Rickenbacker ANG, OH
Sawyer AFB, MI
Thumrait, Oman
Tinker AFB, CA
Turkey (NATO); USAF
USCG, Palmdale, CA;
USCG, Clearwater, FL;
USCG, Elizabeth City, NC
US Government,Greenland
USMC, Cherry Point, NC
US Navy, Iceland
Warren AFB, MO
Wurthsmith AFB, MI
Yokota AFB, Japan

FUELING SERVICE COMPANIES

Aircraft Services Int'l Inc
Aviation Services Inc.
Butler Aviation
Consolidated Aviation
Esso Columbiana
Esso Nassau
Lockheed Air Terminals
Mobil Oil Micronesia
Ogden Allied Aviation
Qualitron

OIL COMPANIES

Atlantic Richfield
British Petroleum
Caltex
Ecuafuel
Esso Eastern
Exxon
Humble
Indian Oil
Mobil
Paz Oil
Petrobras
Petrofina
Petro Peru
Shell
Standard Oil
YPFB (Bolivia)
YPF (Argentina)

CORPORATE

Coca Cola Co., Atlanta, GA
Grumman Aerospace
Grumman Corp., Bethpage, NY
Hayes Int'l, AL
Massachusetts Port Authority
New Jersey Turnpike Authority
Panama Canal Zone Co.;
Port Authority of NY and NJ
Proctor and Gamble
RCA, Mercer County, NJ
Rockwell Int'l Corp., CA
Southland Corporation, TX
US Corps of Engineers
US Steel Corp.

AIRCRAFT GROUND SERVICE PIT
MODEL 1463FM

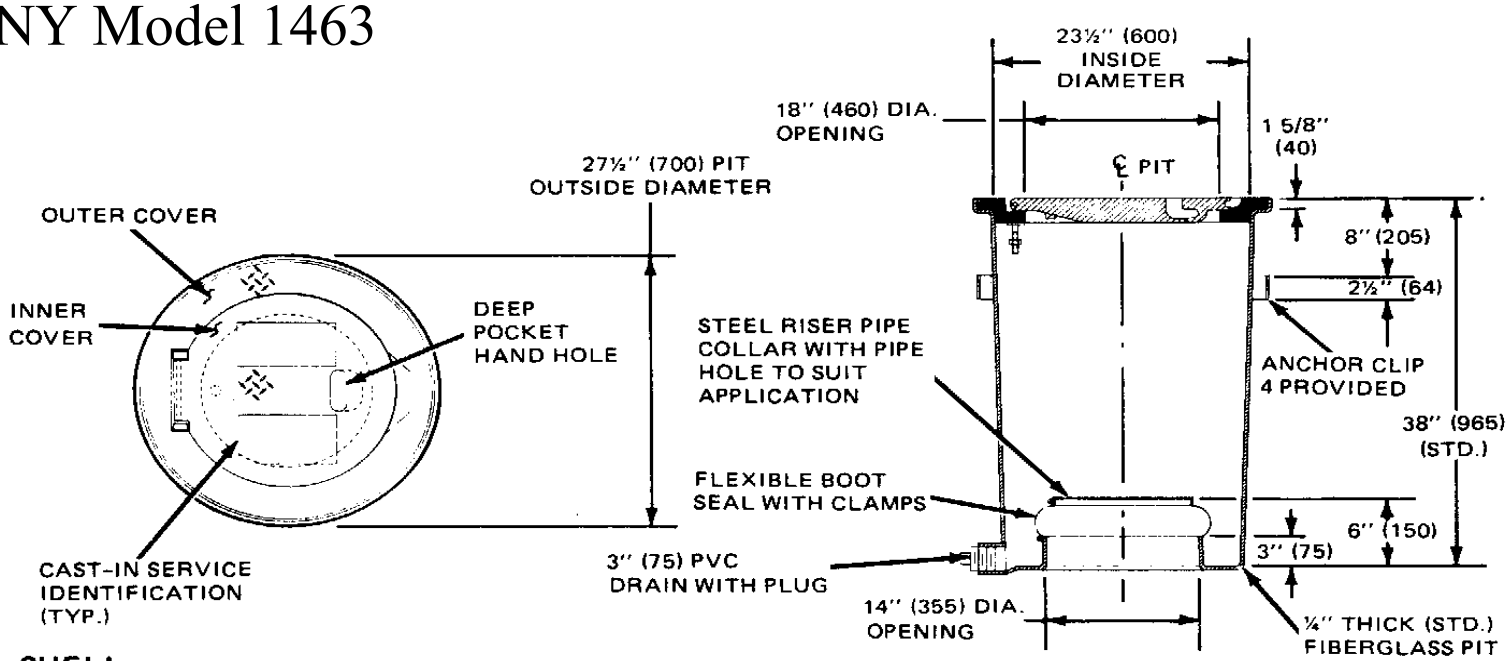
FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES

The standard Model 1463FM pit consists of a two piece cast aluminum cover assembly and a one piece molded fiberglass shell, having a bottom entrance, pipe collar, flexible fuel-resistant boot type seal, and stainless steel clamps.

APPLICATIONS:

FUEL HYDRANT	For all commercial aviation fuel hydrant valves.
WATER SERVICE	For water hydrant outlets and/or water service.
HIGH POINT VENT	For piping system venting connections (fuel, water, air).
LOW POINT DRAIN	For piping systems low point drain connections (fuel, water, air).
COMBINATION VENT/ DRAIN	For combination high point vent and low point drain connections.
ELECTRICAL	For 120 volt and 240 volt, 60 hertz and 400 hertz service and other various voltages and frequencies. Special application for communication service.
AIR START	For air start hose, coupler, and coupler holder.
PRECONDITIONED AIR OUTLET	For conditioned air hose and adapter storage.
SURGE SUPPRESSOR	For installation of 5 and 7-1/2 gallon surge suppressors.
SUMP	For low point collection of fluids.
MAINTENANCE AND ACCESS	For access manways into underground vaults.
SPECIAL APPLICATIONS	Consult factory for custom application.

GNY Model 1463



SHELL:

The Model 1463FM pit shell is a one piece molded unit. The inside dimensions of the shell are 23.5 inches (600mm) in diameter by 38 inches (965mm) deep. The shell wall is nominally one-quarter (.25) inch (6.4mm) thick and has four (4) integral brackets for concrete anchors equally spaced around the outside circumference of the shell below the cover seat. The pit shell is a glass fiber reinforced plastic (GRP) structure composed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright, clean environment and appearance. Fluids collected in the pit may be drained through a 3 inch IPS rigid PVC pipe coupling installed in the shell's sump for connection to a suitable collection system.

COVER:

The pit cover is a two piece, non-skid, non-sparking, assembly consisting of one stationary outer ring and an inner access cover. The inner cover can be opened a full 180 degrees with a 25 Lb. (11.4 kg) single hand lift on a non-weight bearing hinge to expose an 18 inch (460 mm) diameter clear opening. Each inner cover is available with cast in service identification (one inch (25mm) high by .062 inch (1.5mm) raised letters), a deep pocket handhole, and an edge fingergrip. The cover assembly is completely removable for maximum access to internal equipment. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

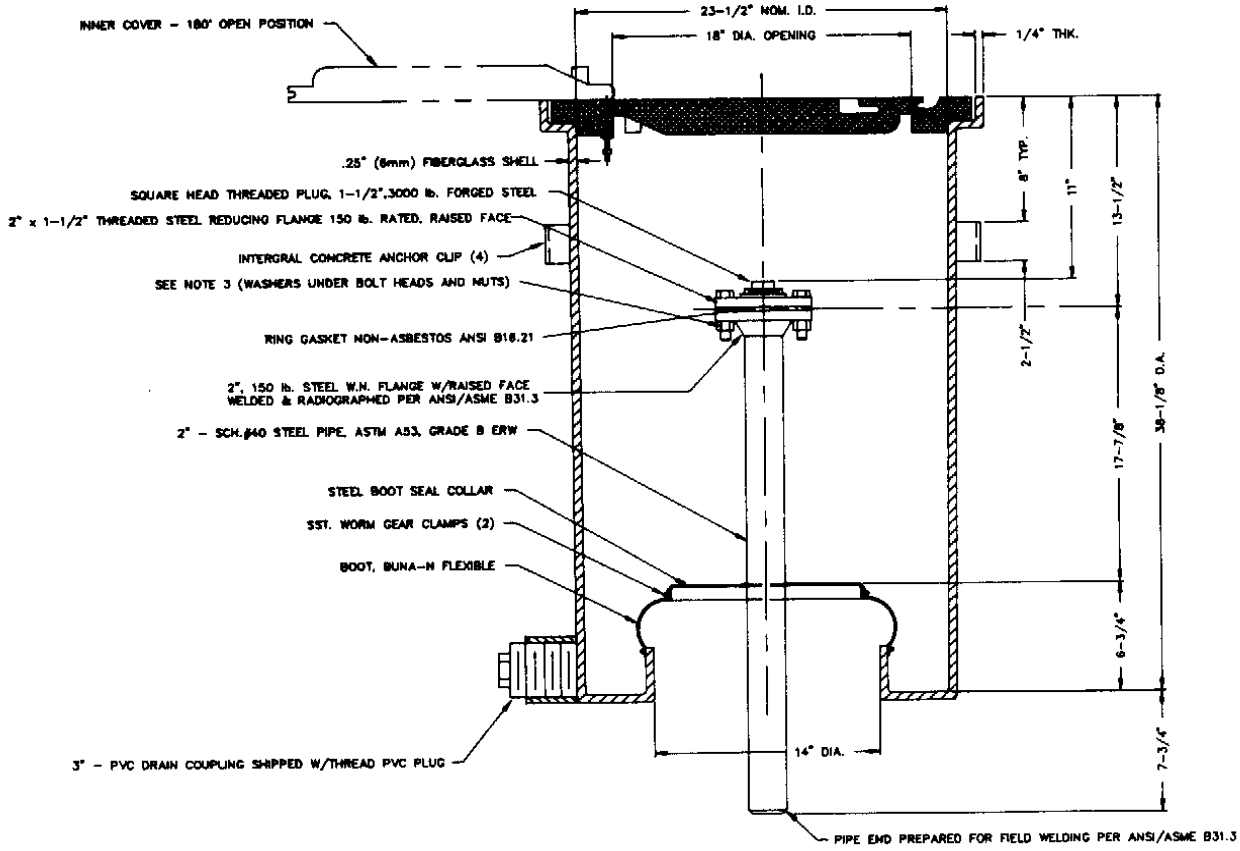
The cover assembly (part numbers 6533774 and 6533772(H)) is guaranteed to withstand a single 200,000 pound (90720 kg) load applied over a 200 square inch (1290cm2) tire footprint area placed anywhere on it (1000 psi (70.3kg/cm2) rating). This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

OPTIONS:

FLANGED STEEL SUPPORT FRAME FOR COVER	Integrally bonded to the fiberglass shell.
OVER-ALL-DEPTH	Presently available optional depths 18, 30, 52, 60, and 72 inches (460, 760, 1320, 1525, and 1830mm). Other depths are available on special order.
CUSTOM SHELL CONFIGURATIONS	Side entrance or extensions available on special order.
SHELL THICKNESS	3/8 inch (9.5mm) thick shells are available.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SPLIT TOP SHELL	A special slip-fit, removable top section is available to enable a continuous concrete apron panel pour. The removable upper section is supplied with four (4) additional integral brackets for concrete anchors. Glass fiber reinforced plastic "mud covers" are available to prevent concrete from entering the pit during the continuous concrete pours.
SHELL BOTTOM	A solid, liquid tight, flat bottom is available.
INNER COVER SEAL	Fuel resistant "O" ring seal installed in a machined groove.



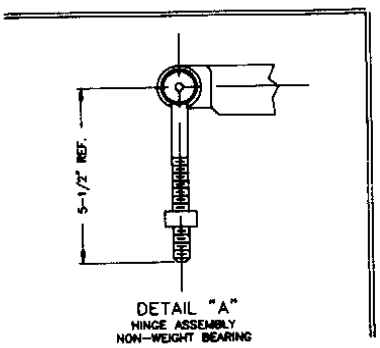
SECTION VIEW

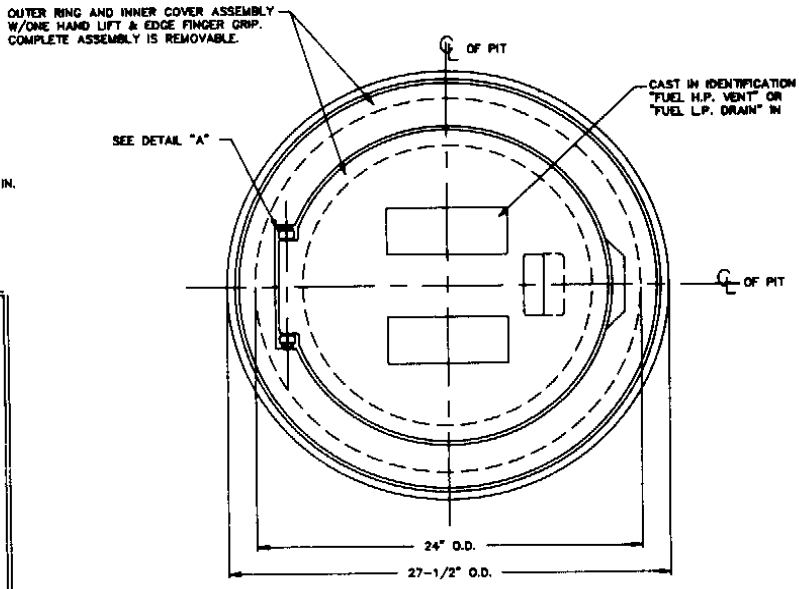
GENERAL NOTES:

1. ALL COVERS W/NON-SKID SURFACE.
2. ALL COVERS 712 CAST ALUM. CONFORMING TO QQ-A-601F.
3. A- BOLTS - ASTM, A193, GRADE B7.
   B- NUTS - ASTM, A194, GRADE 7.
   C- WASHERS - ASTM, F436.

NOTES:

1. TEST LOAD TO BE APPLIED ON 11.74 x 18.6 TIRE PRINT AREA = 200 SQ. IN.
2. RATED LOAD = 250 P.S.I.
3. TEST LOAD = 1000 P.S.I. (MIN.)
4. STATISTICAL TEST PER MIL-105.
5. EXTERNAL PIPE COATING BY OTHERS.



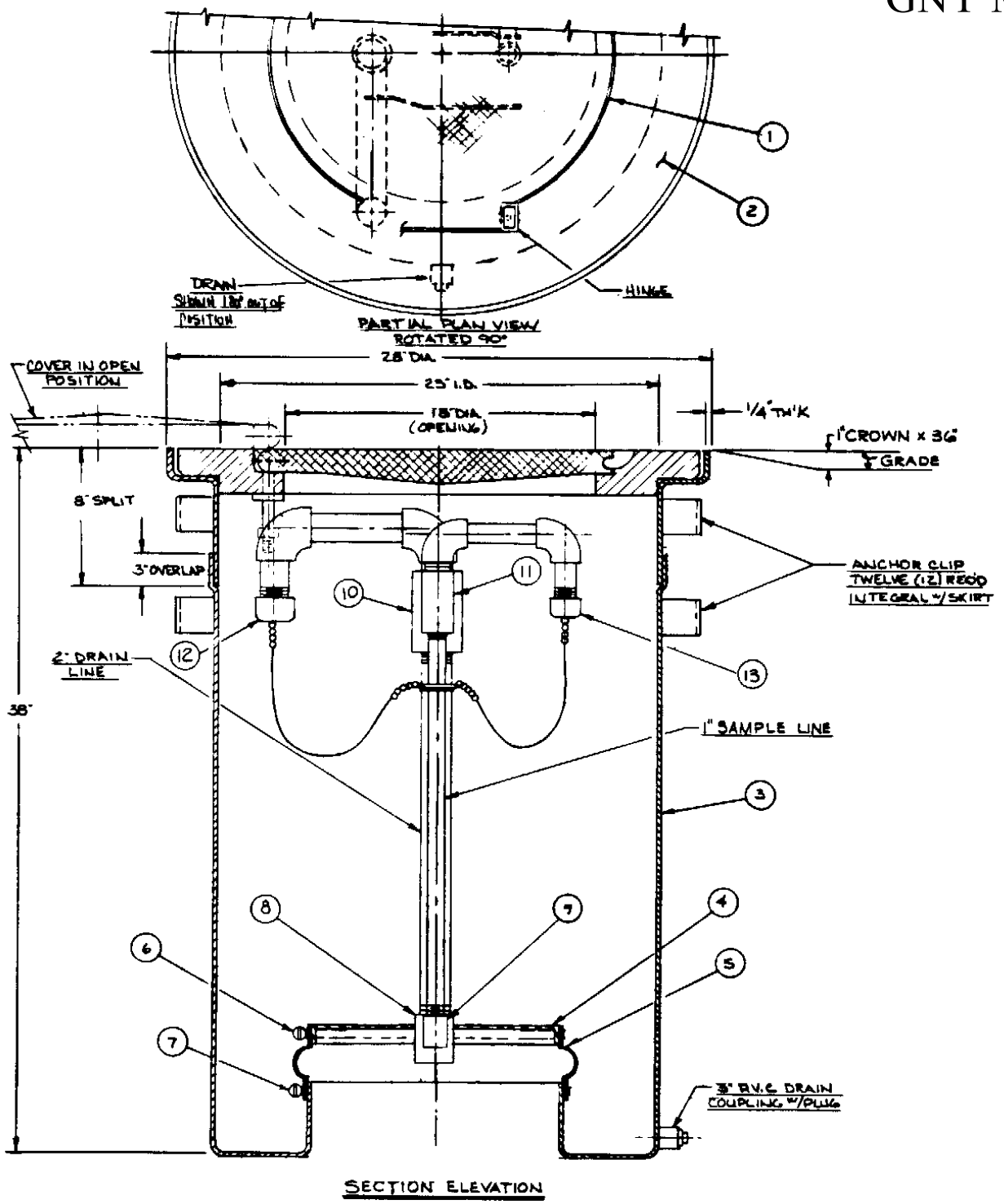


PLAN VIEW

MODEL 1463 FM

Title: FIBERGLASS SERVICE PIT FUEL VENT and DRAIN

GNY EQUIPMENT, LLC



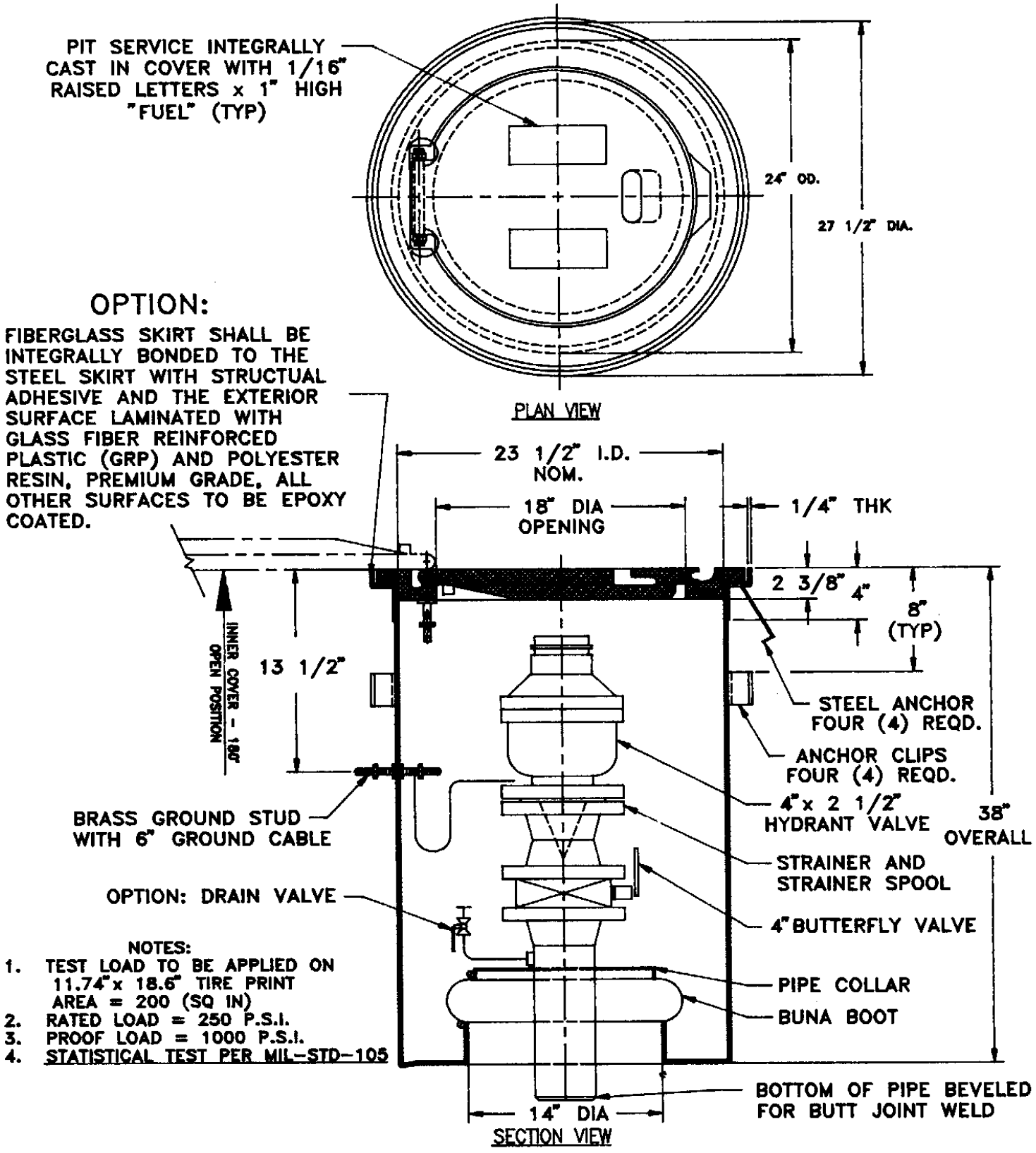
13	1	1" PIPE CAP	SST	
12	1	2" PIPE CAP		
11	1	1" BALL VALVE - MILLER		WORCESTER #4668-66
10	1	2" BALL VALVE - MILLER		WORCESTER #4668-66
9	1	1" PIPE COUPLING		SCH. 80
8	1	2" PIPE COUPLING		SCH. 80
7	1	CLAMP		
6	1	CLAMP	SST	
5	1	BOOT, FLEXIBLE	BUNA-N	GARLITE #66333864
4	1	HEAD	STEEL	
3	1	PIT, MODEL 1463-FM SPLIT SKIRT	FIBERGLASS	
2	1	OUTER RING COVER	CAST ALUM	GARLITE
1	1	INNER COVER	CAST ALUM	GARLITE
ITEM	QTY.	DESCRIPTION	MATERIAL	REMARKS

LIST OF MATERIAL

MODEL 1463

Title: FUEL SERVICES
DRAIN AND SAMPLE PIT
w/FIBERGLASS SPLIT SKIRT

GNY EQUIPMENT, LLC



NOTES:
1. TEST LOAD TO BE APPLIED ON 11.74"x 18.6" TIRE PRINT AREA = 200 (SQ IN)
2. RATED LOAD = 250 P.S.I.
3. PROOF LOAD = 1000 P.S.I.
4. STATISTICAL TEST PER MIL-STD-105

MODEL 1463 FM

Title: FIBERGLASS SERVICE PIT HYDRANT FUEL

GNY EQUIPMENT, LLC

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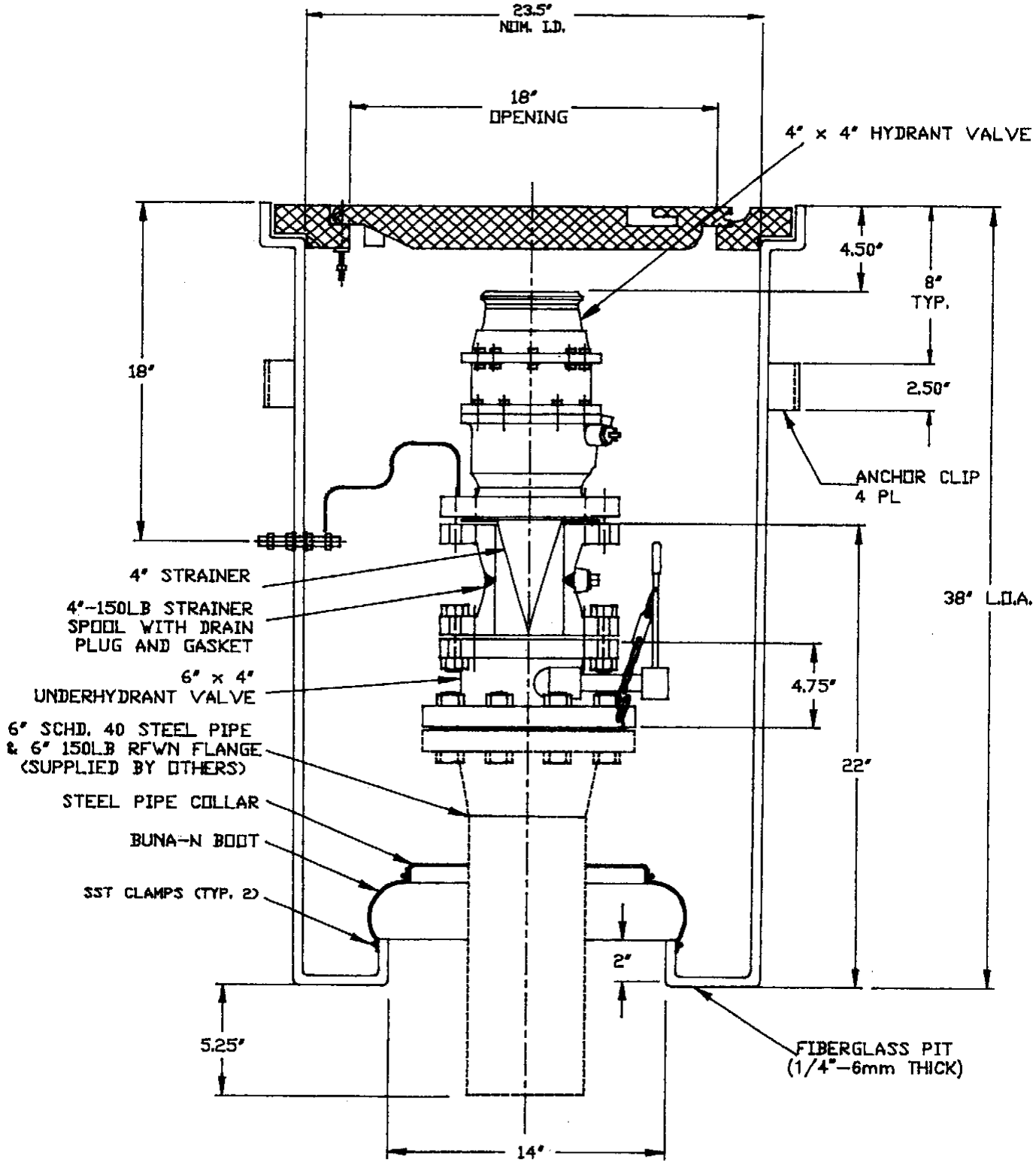
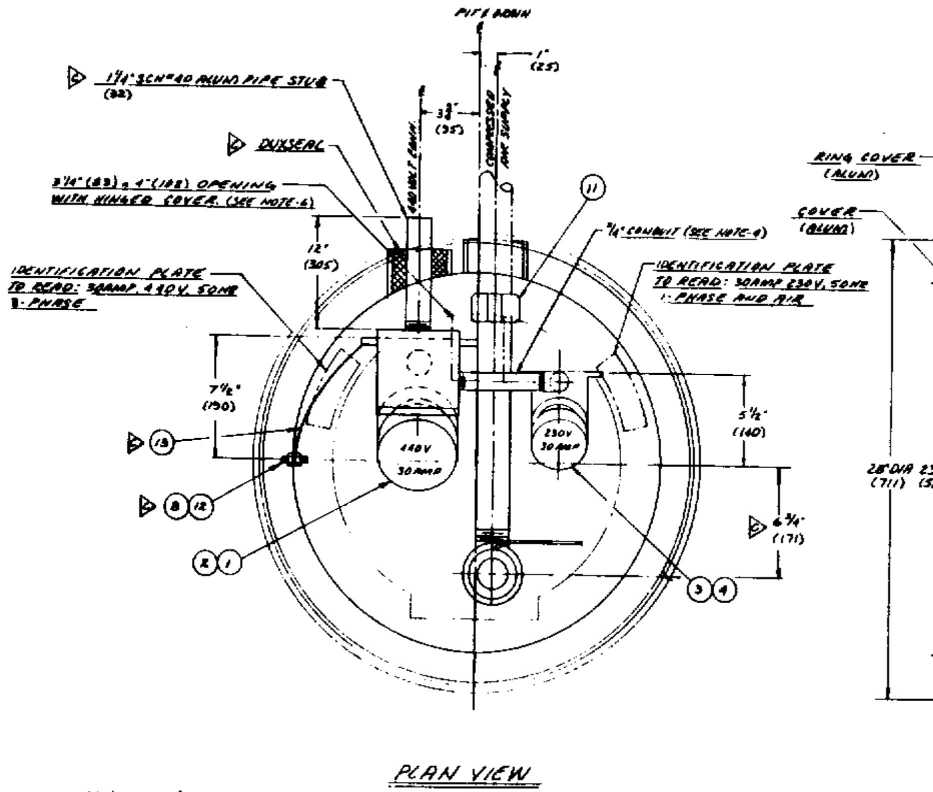
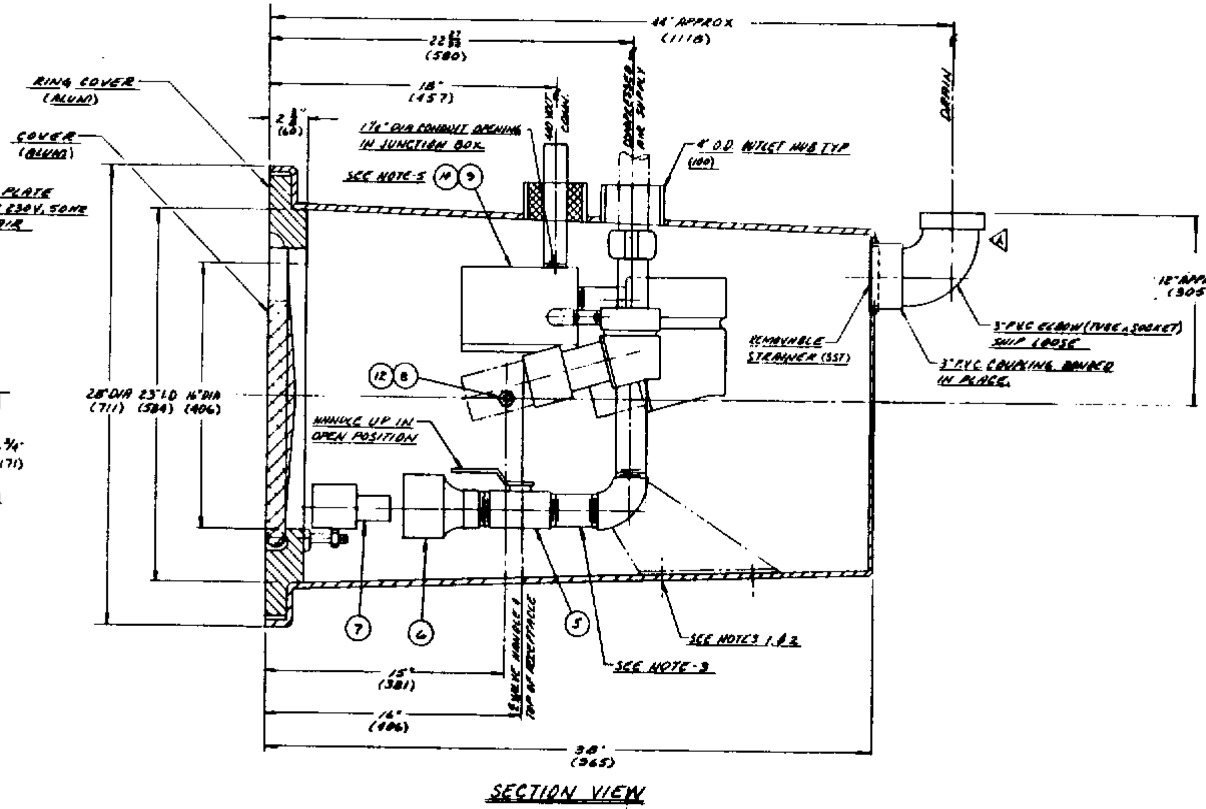


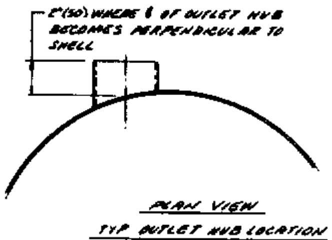
MODEL 1463 FM

Title: FIBERGLASS SERVICE PIT HYDRANT FUEL

GNY EQUIPMENT, LLC







TEST NOTES

1- CERTIFIED TEST LOAD REPORT REQ'D
2- TEST LOAD TO BE APPLIED ON H.74 x 18.6 TIRE PRINT AREA = (200 SQ. IN.)
3- RATED LOAD = 250 P.S.I.
4- PRODUCTION STATISTICAL TEST PER MIL STD-105 (PROOF LOAD 500 P.S.I.)

NOTE:

1- ALL EQUIPMENT TO BE MOUNTED ON BRACKETS THAT ARE BOLTED THRU PIT WALLS.
2- ALL HOLES THROUGH PIT WALL TO BE SEALED WITH WATER PROOF SEALANT.
3- 1 1/2" AIR LINE TO BE BRASS PIPE WITH SCREWED CONNECTIONS.
4- ELECTRICAL CONDUIT: ALL 3/4" & 1 1/4" LINES TO BE RIGID ELECTRICAL CONDUIT (GALVANIZED)
5- REF. DWG 73-13-3 FOR TYPICAL ELECTRICAL HOOK-UP.
6- RING COVER CAN ROTATE 360° TO ALLOW ANY POSITION OF INNER COVER.

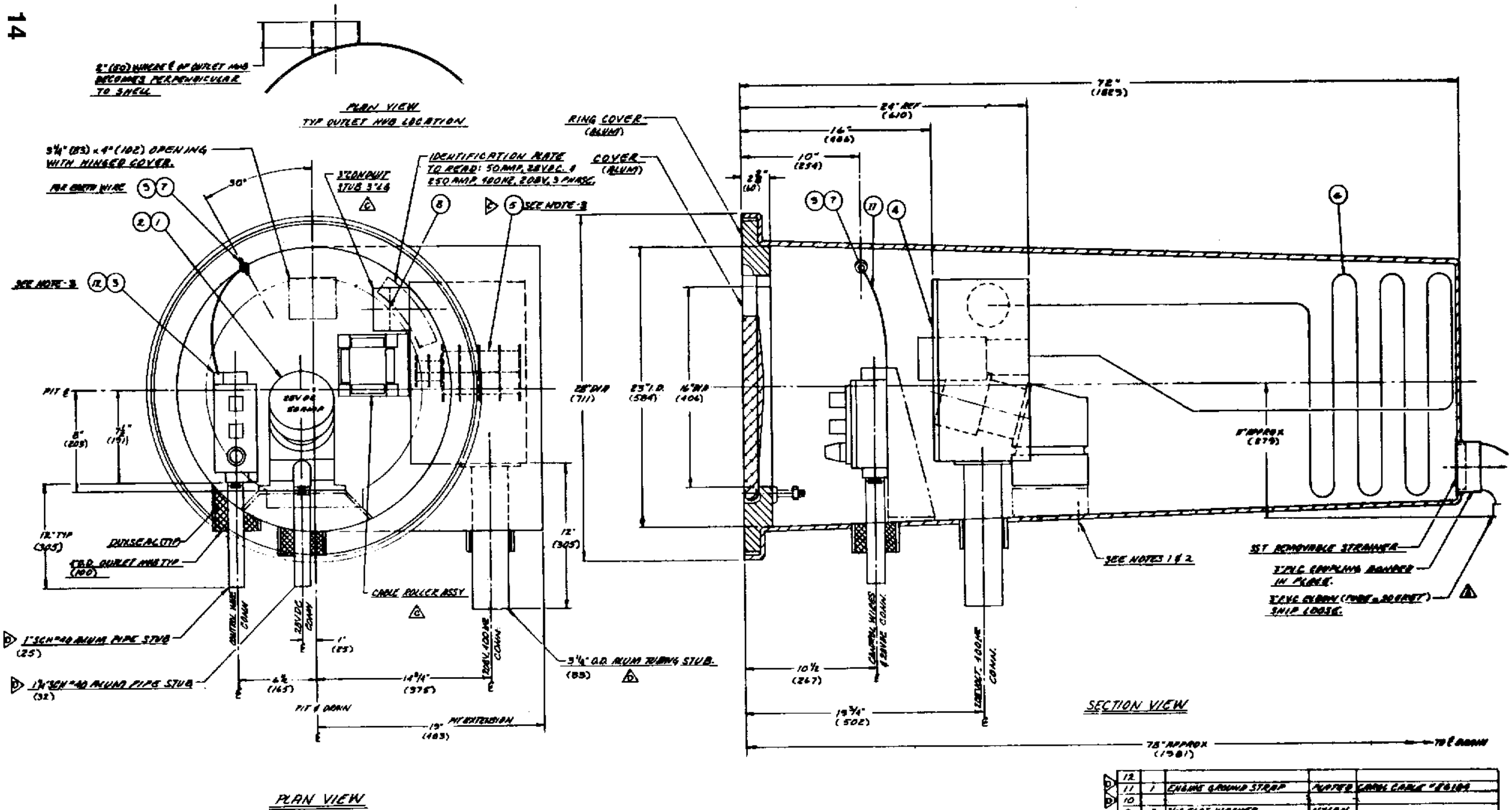
14	1	TERMINAL BLOCK (4) TERMINALS	[illegible]	KUCKA #603-5
13	1	ENGINE GROUND STRAP	PLATED	CAROL CABLE #E6184
12	2	3/8" FLAT WASHER	NYLON	
11	1	1 1/2" WKT. CAP'G WITH [illegible] GASKET	ALUMINUM	AUSTIN BACON TYPE 100
10	1	~~TERMINAL BLOCK (4) TERMINALS~~	~~[illegible]~~	~~[illegible]~~
9	1	JUNCTION BOX	CAST ALUM	CROUSE HINDS EJB464-3A
8	1	3/8" GROUNDING STUD	3ST.	[illegible], WITH (2) BRASS NUTS
7	1	1 1/2" COUPLER NIPPLE	BRASS	PARKER HANNIFIN #[illegible]
6	1	1 1/2" COUPLER BODY	BRASS	PARKER HANNIFIN #[illegible]
5	1	1 1/2" BALL VALVE	BRONZE	SMITH-101T
4	1	PLUG 230V, 3 PIN, 30 AMP	———	APPLETON #CPH-[illegible]
3	1	RECEPTACLE 230V, 3 PIN 30 AMP	———	APPLETON #[illegible]-3033
2	1	PLUG 440V, 4 PIN, 30 AMP	———	APPLETON #CPH-[illegible]
1	1	RECEPTACLE 440V, 4 PIN, 30 AMP	———	APPLETON #[illegible]
ITEM	QTY	DESCRIPTION	MATERIAL	REMARKS

LIST OF MATERIAL

MODEL 1463 FM

Title: SERVICE PIT w/SKIRT, 440V, 230 V, and AIR

GNY EQUIPMENT, LLC



NOTE:
1- ALL EQUIPMENT TO BE MOUNTED ON BRACKETS THAT ARE BOLTED THRU PIT WALLS.
2- ALL HOLES THROUGH PIT WALL TO BE SEALED WITH WATER PROOF SEALANT.
3- REF. DWG 75-13-3 FOR TYPICAL ELECTRICAL HOOK-UP.

TEST NOTES.
1- CERTIFIED TEST LOAD REPORT REQ'D.
2- TEST LOAD TO BE APPLIED ON 11.74 x 18.6 TIRE PRINT AREA = (200 SQ. IN.)
3- RATED LOAD = 250 P.S.I.
4- PRODUCTION STATISTICAL TEST PER MIL-STD-105 (PROOF LOAD = 500 P.S.I.)

ITEM	QTY	DESCRIPTION	MATERIAL	REMARKS
12				
11	1	ENGINE GROUND STRAP	[illegible]	CAROL CABLE # E6104
10				
9	2	3/8" FLAT WASHER	NYLON	
8	1	CONDUIT SEALING BUSHING	—	O.Z. GEDNEY TYPE CSBE 300
7	1	3/8" GROUNDING STUD	SST	[illegible]
6	1	CABLE ASSY [illegible]	[illegible]	[illegible]
5	1	TERMINAL BLOCK	—	[illegible]
4	1	JUNCTION BOX	CAST ALUM	[illegible]
3	1	PUSHBUTTON STATION [illegible] LIGHT	—	APPLETON [illegible]
2	1	PLUG 28VDC, [illegible]	—	APPLETON [illegible]
1	1	RECEPTACLE [illegible]	—	APPLETON [illegible]

LIST OF MATERIAL

MODEL 1463 FM

Title: SERVICE PIT w/SKIRT 50A, 28VDC and 250A, 208V

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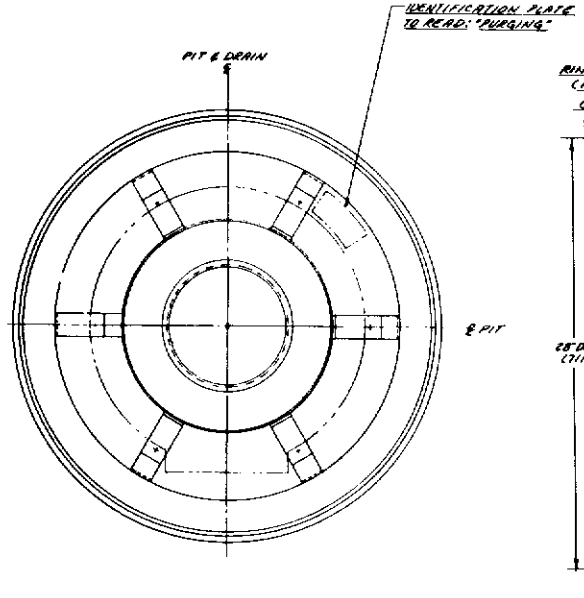
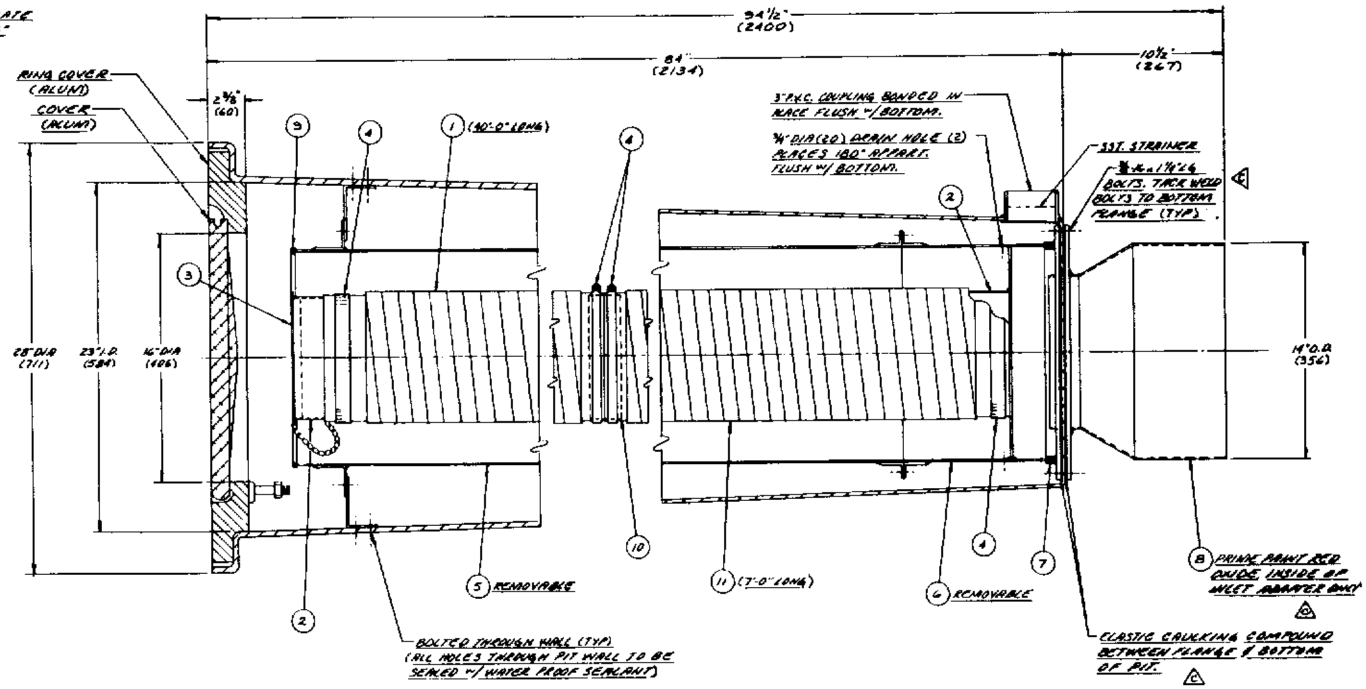
GNY EQUIPMENT, LLC

www.gnyequipment.com



PLAN VIEW



SECTION VIEW

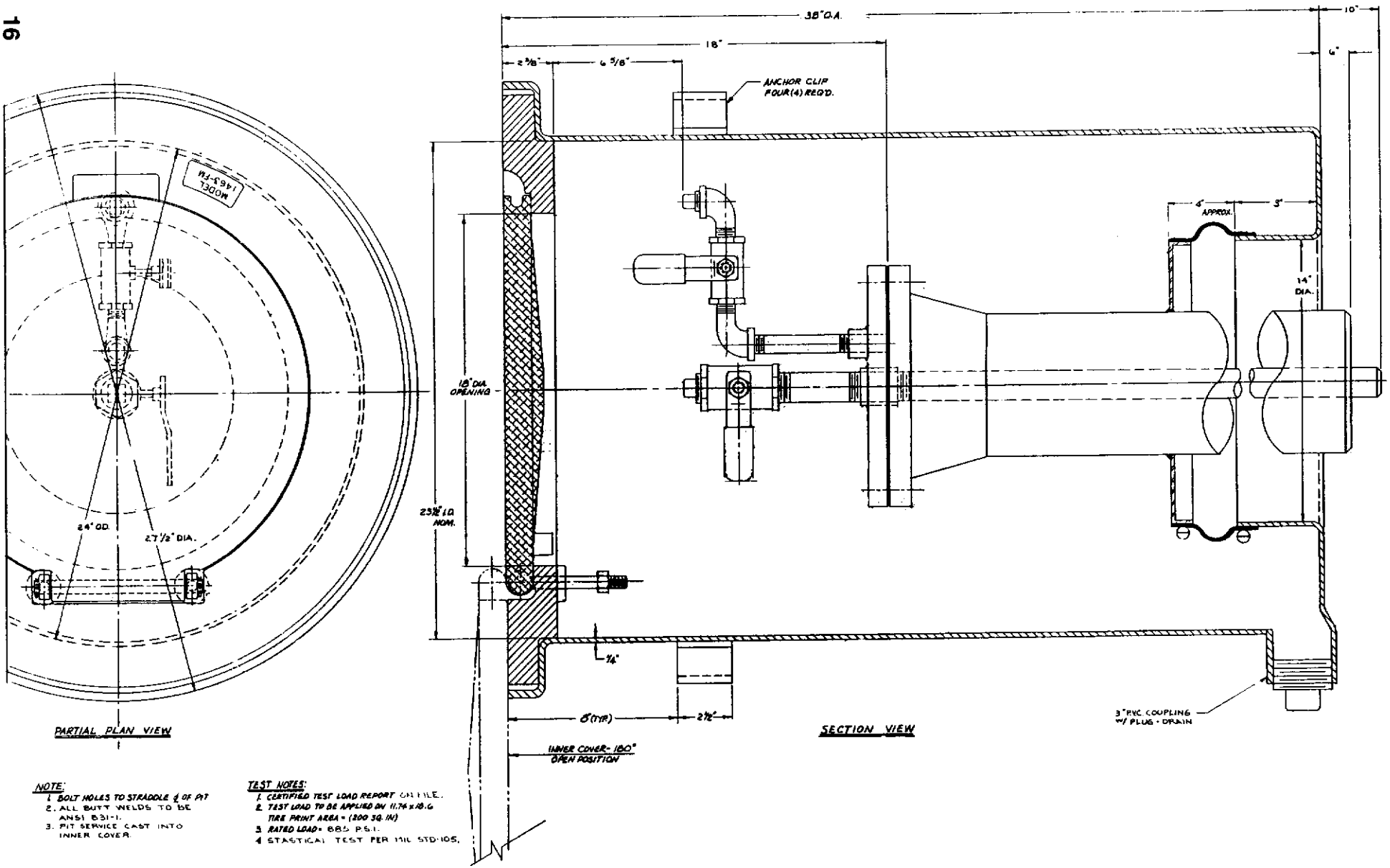
TEST NOTES

1- CERTIFIED TEST LOAD REPORT REQ'D.
2- TEST LOAD TO BE APPLIED ON 11.74 x 18.6 TIRE PRINT AREA = (200 SQ IN.)
3- RATED LOAD = 250 P.S.I.
4- PRODUCTION STATISTICAL TEST PER MIL-STD-105 (PROOF LOAD 500 P.S.I.)

11	1	5" DIA FLEXIBLE DUCT, SELF RETRACT.	(7'-0" LG)	FLEXHAUST - STYLE STD
10	1	DUCT CONNECTOR	ALUM	FLEXHAUST
9	1	LINER TRIM	PLASTIC	TRIM-LOK #1375-3/16-B1
8	1	INLET ADAPTER	STEEL	GARSITE #126A-14 OD x 18
7	1	SEAL	NEOPRENE	S.A.S. #121
6	1	LOWER TRANSITION ADAPTER	STEEL	GARSITE #126A x 14" O.D.
5	1	DUCT GUIDE LINER	ALUM	GARSITE .125 x 14" O.D.
4	4	HOSE CLAMP, SCREW TYPE	ST. STEEL	FLEXHAUST OR EQUAL
3	1	END CAP w/ CHAIN	PLASTIC	CAPLUG - SERIES "T" #1120
2	2	HOSE SHANK	STEEL	GARSITE 5" O.D. TUBING x 4" LG
1	1	5" DIA FLEXIBLE DUCT, SELF RETRACT.	(40'-0" LG)	FLEXHAUST - STYLE STD
LIST OF MATERIAL				

MODEL 1463 FM
Title: SERVICE PIT w/SKIRT PURGING

GNY EQUIPMENT, LLC



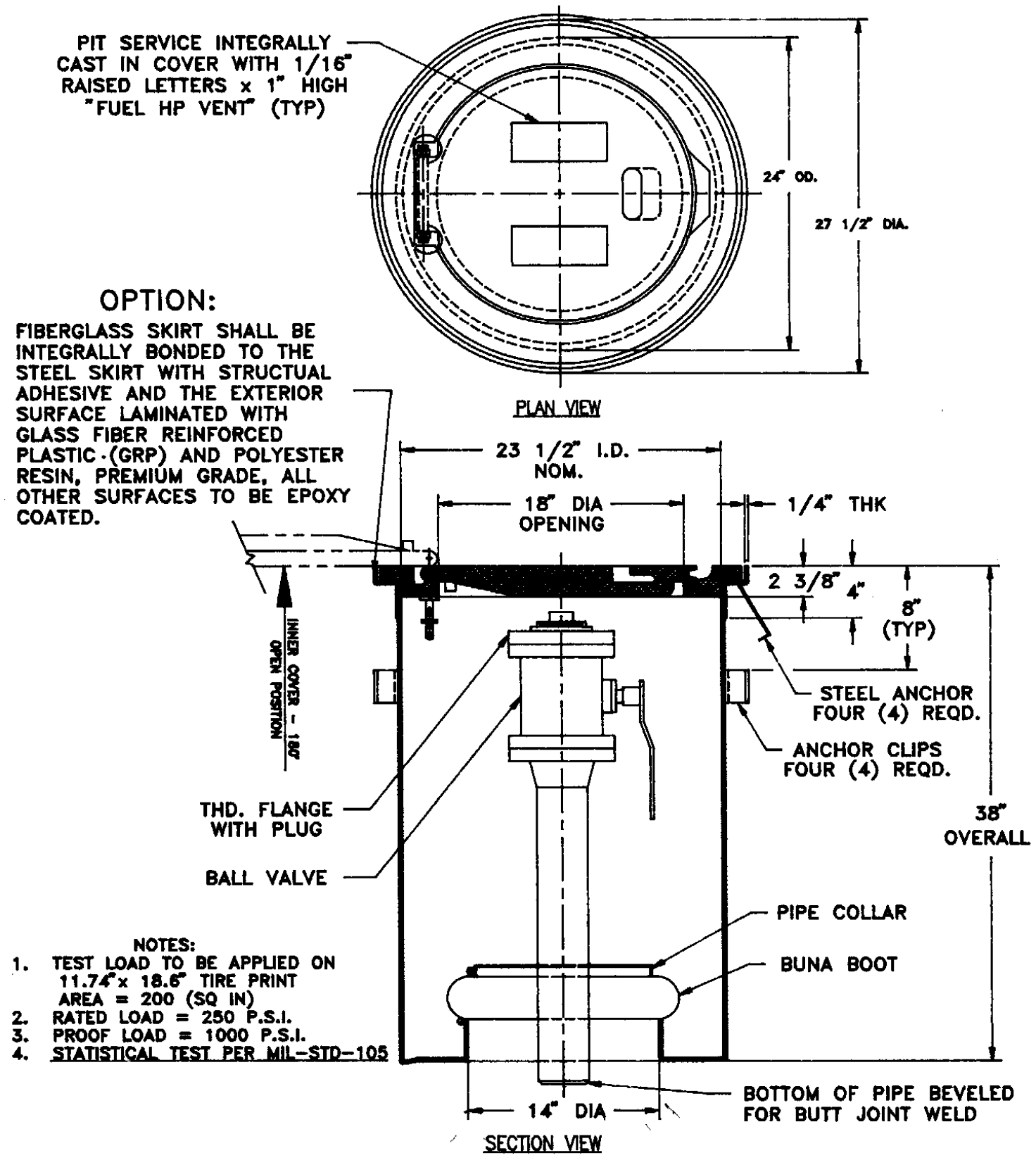
NOTE:
1. BOLT HOLES TO STRADDLE ℄ OF PIT
2. ALL BUTT WELDS TO BE ANSI B31-1.
3. PIT SERVICE CAST INTO INNER COVER.

TEST NOTES:
1. CERTIFIED TEST LOAD REPORT ON FILE.
2. TEST LOAD TO BE APPLIED ON 11.74 x 18.6 TIRE PRINT AREA = (200 SQ. IN)
3. RATED LOAD = 885 P.S.I.
4. STASTICAL TEST PER MIL STD-105.

MODEL 1463 FM

Title: LOW POINT DRAIN PIT

GNY EOUIPMENT, LLC



NOTES:
1. TEST LOAD TO BE APPLIED ON 11.74"x 18.6" TIRE PRINT AREA = 200 (SQ IN)
2. RATED LOAD = 250 P.S.I.
3. PROOF LOAD = 1000 P.S.I.
4. STATISTICAL TEST PER MIL-STD-105

MODEL 1463 FM

Title: FIBERGLASS SERVICE PIT HIGH POINT VENT

GNY EQUIPMENT, LLC

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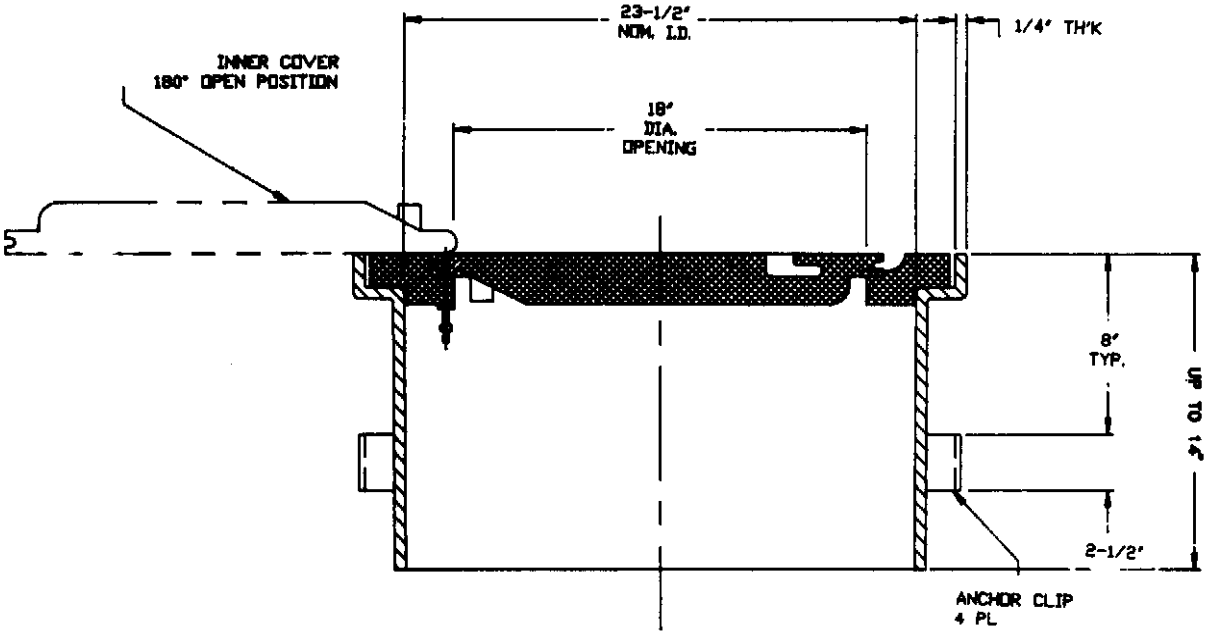
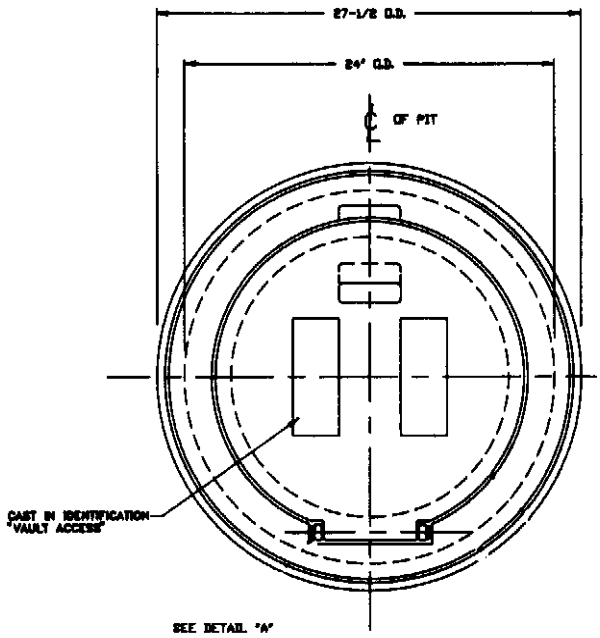
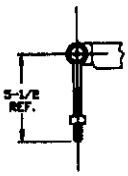


SECTION VIEW



PLAN VIEW



DETAIL "A"

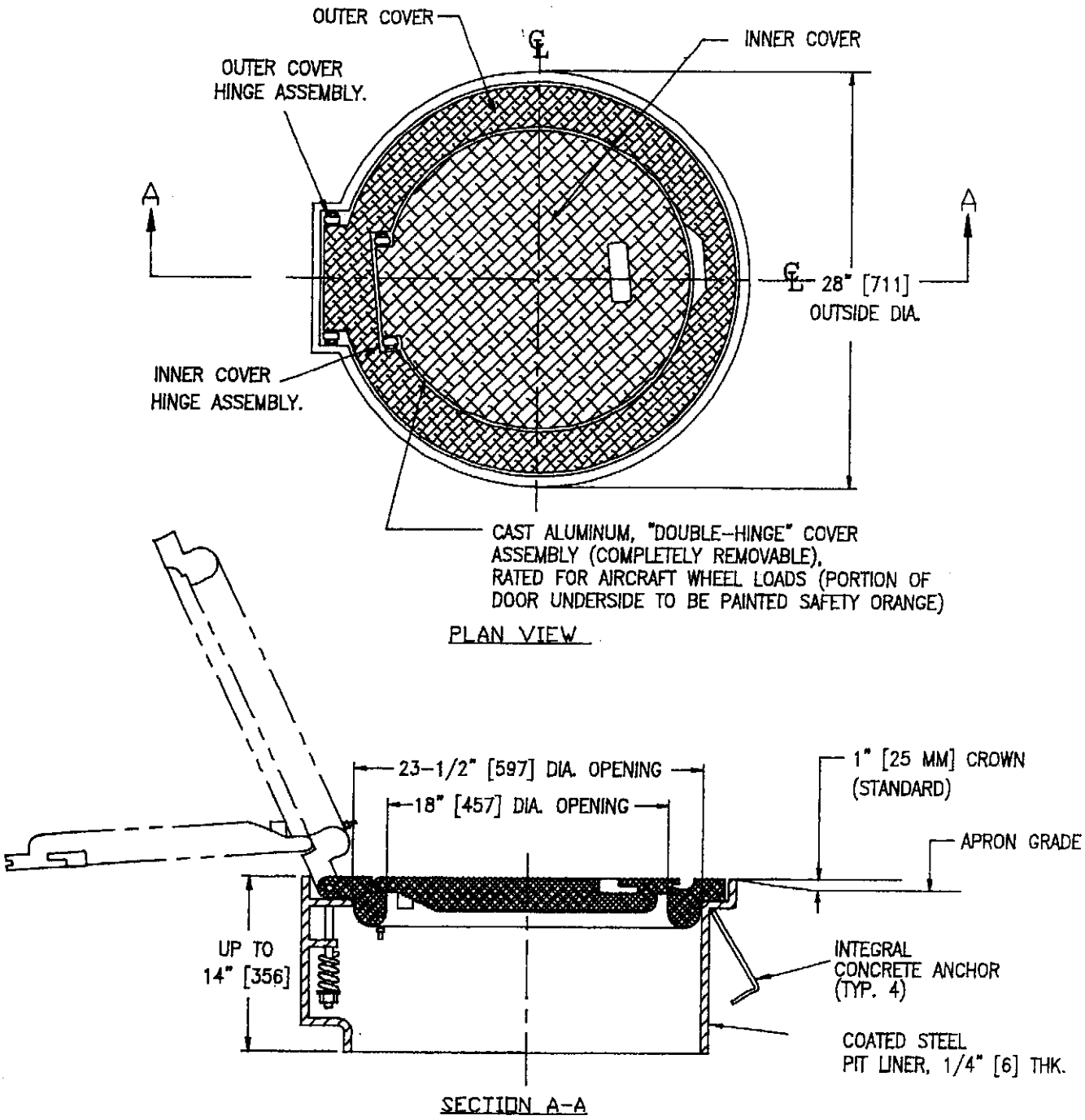
GENERAL NOTES:
1. ALL COVERS w/NON-SKID SURFACE.
2. ALL COVERS 712 CAST ALUM. CONFORMING TO QQ-A-601F.

NOTES:
1. TEST LOAD TO BE APPLIED ON 11.74 x 19.6 TIRE PRINT AREA = 208 SQ. IN.
2. RATED LOAD = 250 P.S.I.
3. TEST LOAD = 1000 P.S.I. (MIN.)
4. STATISTICAL TEST PER MIL-105

MODEL 1463 – ACCESS

Title: FIBERGLASS ACCESS MANWAY

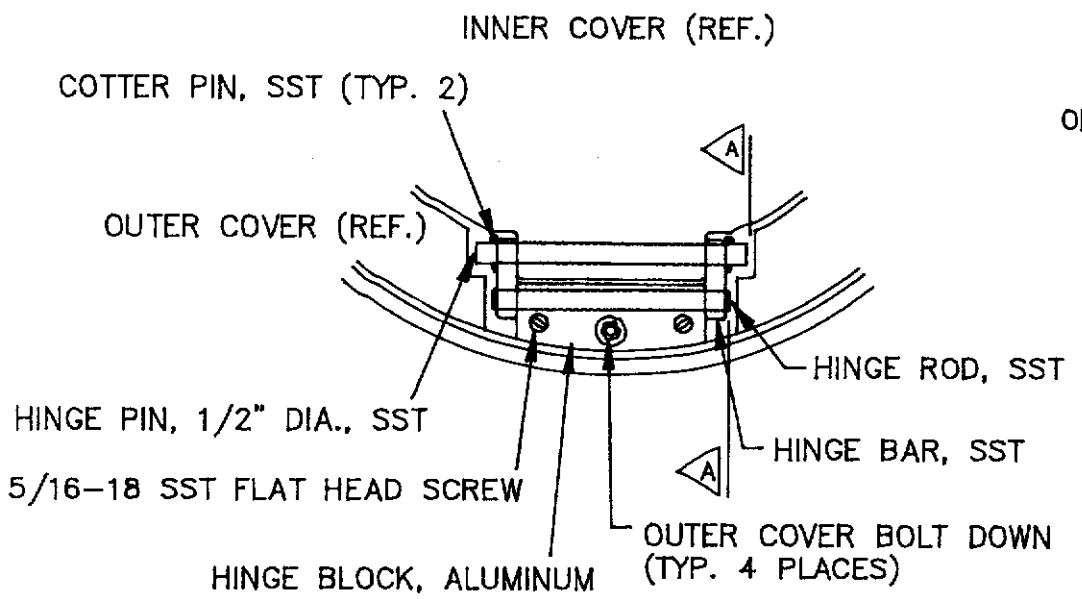
GNY EQUIPMENT, LLC

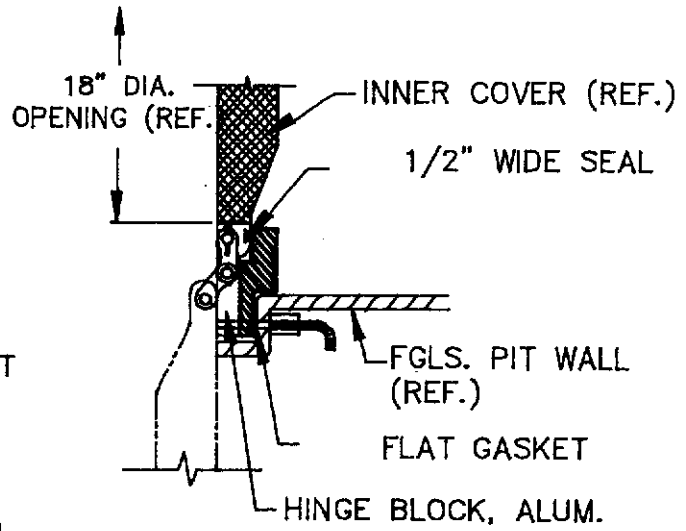


MODEL 1463-DH-SF-VA

Title: ALL STEEL ACCESS MANWAY

GNY EQUIPMENT, LLC





SECTION A-A

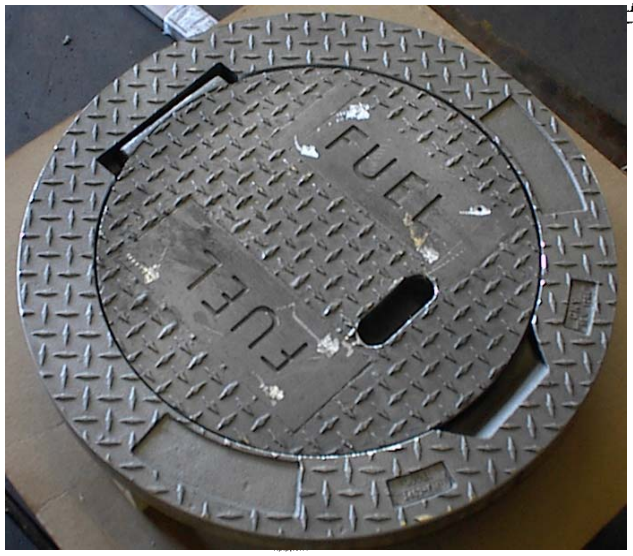
MODEL 1463/1480-WR

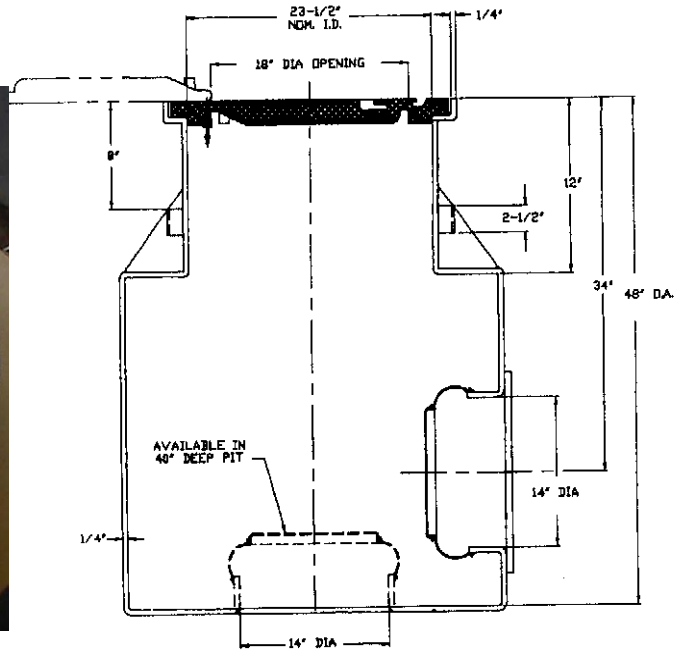
Title: WATER-RESISTANT FEATURE

GNY EQUIPMENT, LLC

AIRCRAFT GROUND SERVICE PIT
MODEL 1480

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES

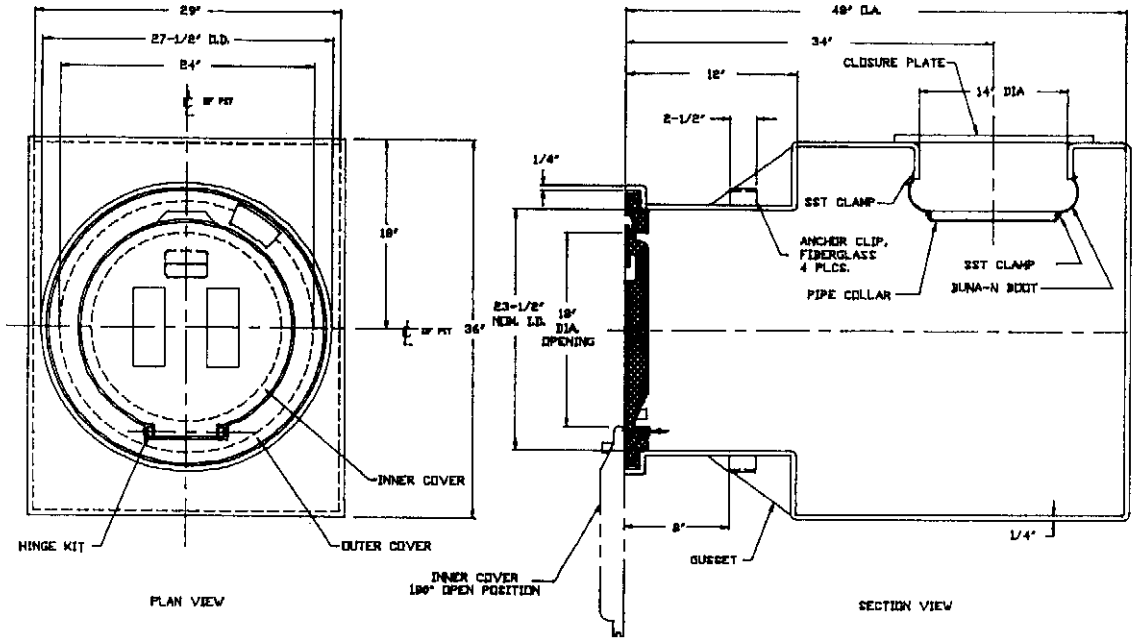




The standard Model 1480 pit consists of a two piece cast aluminum assembly and a one piece molded fiberglass shell, having a bottom or side entrance, pipe collar, flexible fuel-resistant boot type seal, and stainless steel clamps.

APPLICATIONS:

FUEL HYDRANT	For all commercial aviation fuel hydrant valves.
WATER SERVICE	For water hydrant outlets and/or water service.
HIGH POINT VENT	For piping system venting connections (fuel, water, air).
LOW POINT DRAIN	For piping systems low point drain connections (fuel, water, air).
COMBINATION VENT/ DRAIN	For combination high point vent and low point drain connections.
ELECTRICAL	For 120 volt and 240 volt, 60 hertz and 400 hertz service and other various voltages and frequencies. Special application for communication service.
AIR START	For air start hose, coupler, and coupler holder.
PRECONDITIONED AIR OUTLET	For conditioned air hose and adapter storage.
SURGE SUPPRESSOR	For installation of 5 and 7-1/2 gallon surge suppressors.
SUMP	For low point collection of fluids.
MAINTENANCE AND ACCESS	For access manways into underground vaults.
SPECIAL APPLICATIONS	Consult factory for custom application.



SHELL:

The Model 1480 pit shell is a one piece molded unit. The inside dimension of the upper shell is 23.5 inches (600mm) in diameter (965mm) deep. The shell wall is nominally 3/8 inch (9.5mm) thick and has four (4) integral brackets for concrete anchors equally spaced around the outside circumference of the shell below the cover seat. The pit shell is a glass fiber reinforced plastic (GRP) structure composed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright, clean environment and appearance. Fluids collected in the pit may be drained through a 3 inch IPS rigid PVC pipe coupling installed in the shell's sump for connection to a suitable collection system.

COVER:

The pit cover is a two piece, non-skid, non-sparking, assembly consisting of one stationary outer ring and an inner access cover. The inner cover can be opened a full 180 degrees with a 25 Lb. (11.4 kg) single hand lift on a non-weight bearing hinge to expose an 18 inch (460 mm) diameter clear opening. Each inner cover is available with cast in service identification (one inch (25mm) high by .062 inch (1.5mm) raised letters), a deep pocket handhole, and an edge fingergrip. The cover assembly is completely removable for maximum access to internal equipment. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

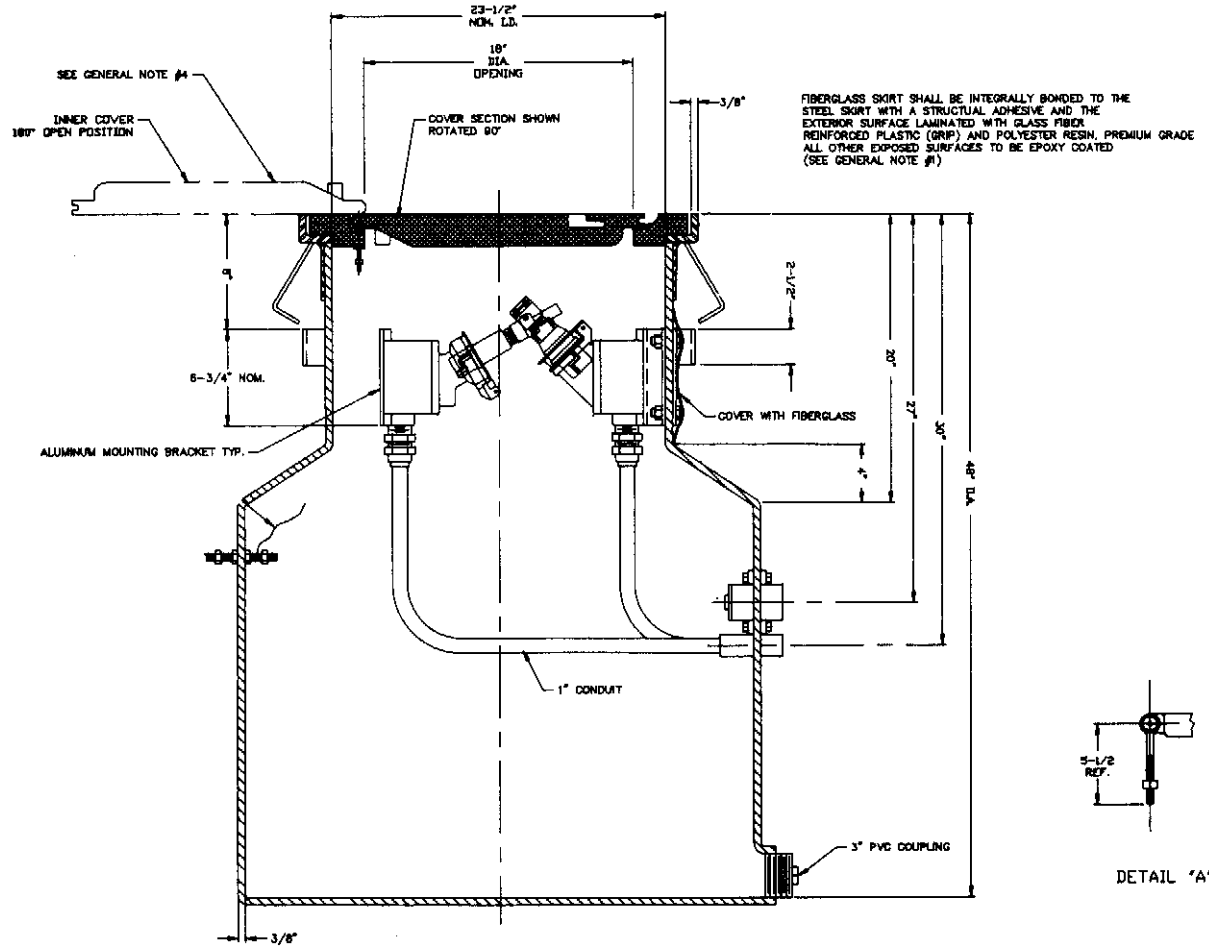
The cover assembly (part numbers 6533774 and 6533772(H)) is guaranteed to withstand a single 200,000 pound (90720 kg) load applied over a 200 square inch (1290cm2) tire footprint area placed anywhere on it (1000 psi (70.3kg/cm2) rating). This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

OPTIONS:

OVER-ALL-DEPTH	Standard depth is 48 inches (1220 mm)
SHELL THICKNESS	3/8 inch (9.5mm) thick shells are available.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SPLIT TOP SHELL	A special slip-fit, removable top section is available to enable a continuous concrete apron panel pour. The removable upper section is supplied with four (4) additional integral brackets for concrete anchors. Glass fiber reinforced plastic "mud covers" are available to prevent concrete from entering the pit during the continuous concrete pours.
SHELL BOTTOM	A solid, liquid tight, flat bottom is available.
INNER COVER SEAL	Fuel resistant "O" ring seal installed in a machined groove.

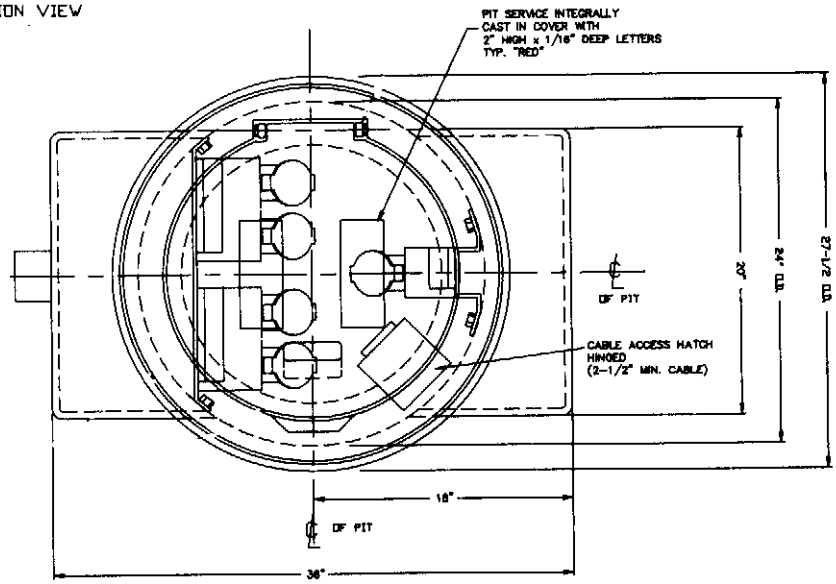


GENERAL NOTES:

1. ALL COVERS W/NON-SKID SURFACE.
2. ALL COVERS 713 CAST ALUM. CONFORMING TO QQ-A-601F.
3. VAPOR PHASE CORROSION INHIBITOR DEVICES INSTALLED IN ALL RECEPTACLE HOUSINGS.
4. UNDERSIDE OF COVER TO BE PAINTED SAFETY ORANGE.

NOTES:

1. TEST LOAD TO BE APPLIED ON 11.74 x 18.6 TIRE PRINT AREA = 200 SQ. IN.
2. RATED LOAD = 250 P.S.I.
3. TEST LOAD = 1000 P.S.I. MIN.
4. STATISTICAL TEST PER MIL-105



PLAN VIEW

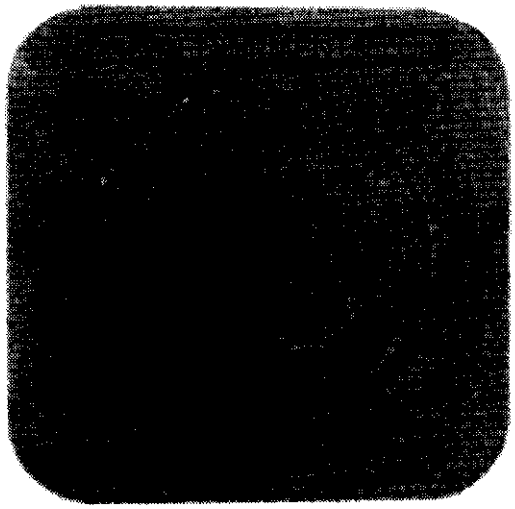
MODEL 1480

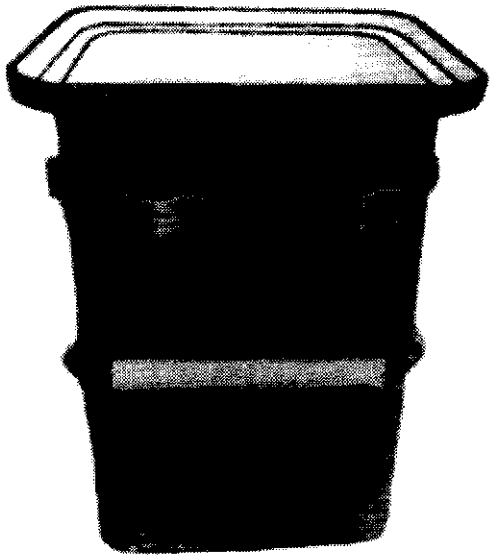
Title: FIBERGLASS ELECTRICAL SERVICE PIT

GNY EQUIPMENT, LLC

AIRCRAFT GROUND SERVICE PIT MODEL 6200

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES



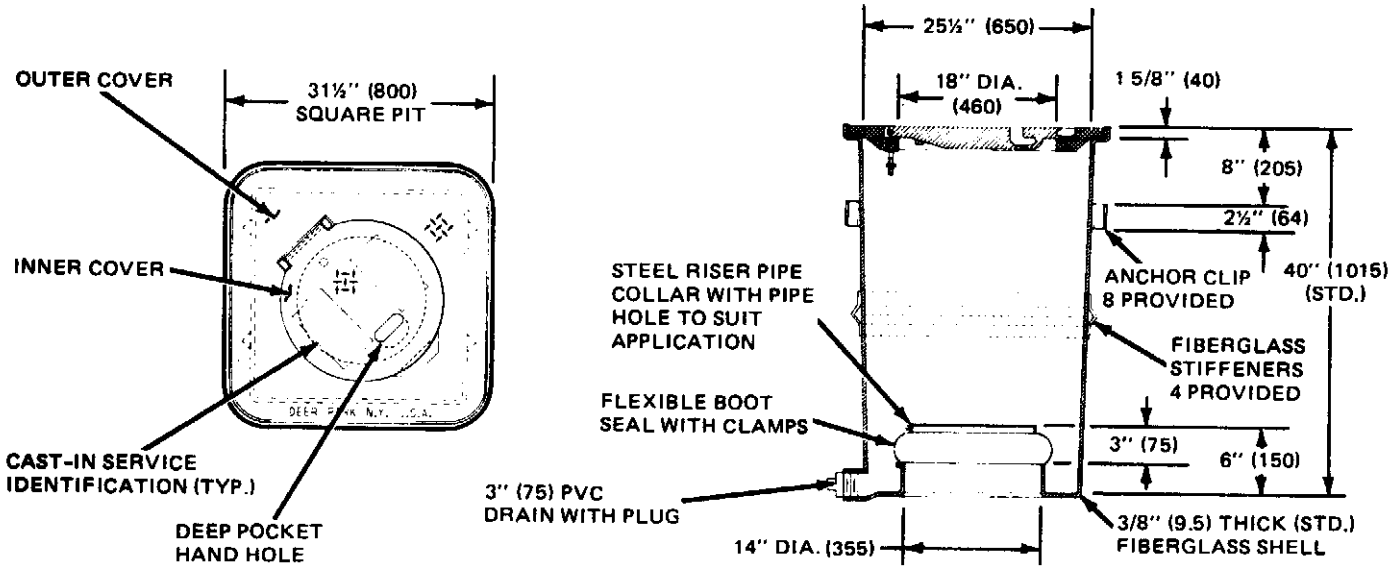


The standard Model 6200 pit consists of a two piece cast aluminum cover assembly and a one piece molded fiberglass shell, having a bottom entrance, pipe collar, flexible fuel-resistant boot type seal, and stainless steel clamps.

APPLICATIONS:

FUEL HYDRANT	For all commercial aviation fuel hydrant valves.
WATER SERVICE	For water hydrant outlets and/or water service.
HIGH POINT VENT	For piping system venting connections (fuel, water, air).
LOW POINT DRAIN	For piping system low point drain connections (fuel, water, air).
COMBINATION VENT/ DRAIN	For combination high point vent and low point drain connections.
ELECTRICAL	For 120 volt and 240 volt, 60 hertz and 400 hertz service and other various voltages and frequencies. Special application for communication service.
AIR START	For air start hose, coupler, and coupler holder.
PRECONDITIONED AIR OUTLET	For conditioned air hose and adapter storage.
SURGE SUPPRESSOR	For installation of 5 and 7-1/2 gallon surge suppressors.
TELESCOPING AREA LIGHT	For installation of auxiliary ramp lights.
SUMP	For low point collection of fluids.
MAINTENANCE AND ACCESS	For access manways into underground vaults.
SPECIAL APPLICATIONS	Consult factory for custom application.

GNY EQUIPMENT, LLC



SHELL:

The Model 6200 pit shell is a one piece molded unit. The inside dimensions of the shell are 25.5 inches (650mm) square by 40inches (1015mm) deep. The shell wall is nominally three-eights (.375) inch (9.5mm) thick and has eight (8) integral brackets for concrete anchors equally spaced around the outside perimeter of the shell below the cover seat. The pit shell is a glass fiber reinforced plastic (GRP) structure composed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright, clean environment and appearance. Fluids collected in the pit may be drained through a 3 inch IPS rigid PVC pipe coupling installed in the shell's drain trough for connection to a suitable collection system.

COVER:

The pit cover is a two piece, non-skid, non-sparking, assembly consisting of one stationary outer ring and an inner access cover. The inner cover can be opened a full 180 degrees with a 25 Lb. (11.4 kg) single hand lift on a non-weight bearing hinge to expose an 18 inch (460mm) diameter clear opening. Each inner cover is available with cast in service identification (one inch (25mm) high by .062 inch (1.5mm) raised letters), a deep pocket handhole, and an edge fingergrip. The cover assembly is completely removable for maximum access to internal equipment. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

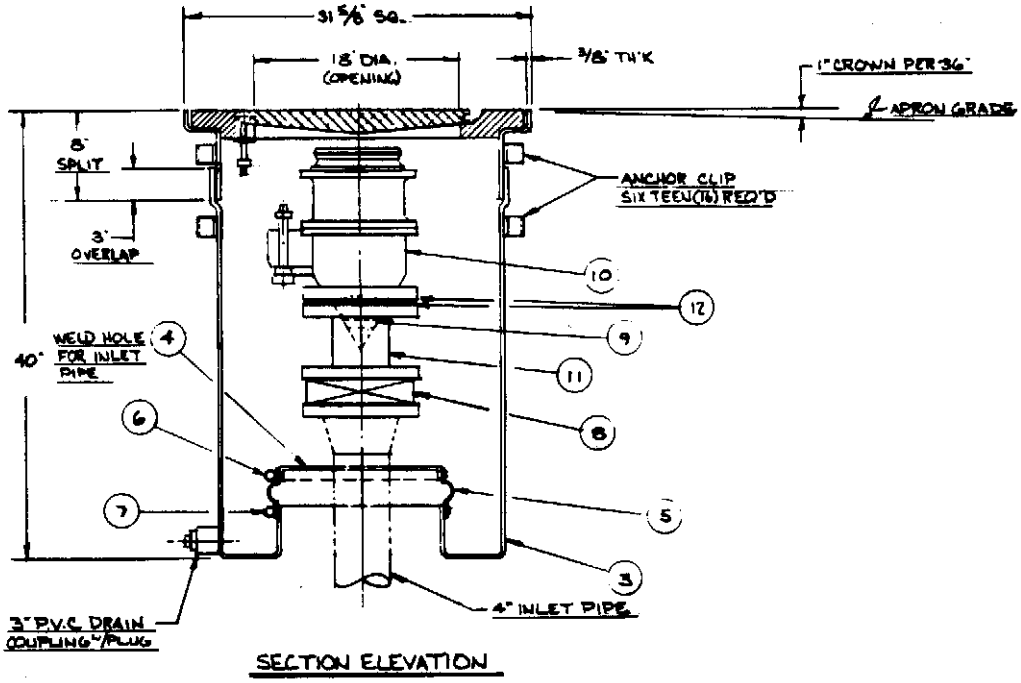
The cover assembly (part numbers 6533397 and 6533772(H)) is guaranteed to withstand a single 200,000 pound (90720 kg) load applied over a 200 square inch (1290cm2) tire footprint area placed anywhere on it (1000 psi (70.3kg/cm2) rating). This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

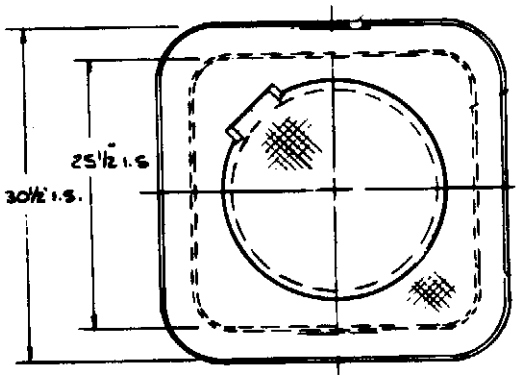
All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

OPTIONS:

OVER-ALL-DEPTH	Presently available optional depths 52, 72, and 144 inches (1320, 1830, and 3660 mm). Other depths are available on special order.
CUSTOM SHELL CONFIGURATIONS	Side entrance or extensions available on special order.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SPLIT TOP SHELL	A special slip-fit, removable top section is available to enable a continuous concrete apron panel pour. The removable upper section is supplied with eight (8) additional integral brackets for concrete anchors. Glass reinforced plastic "mud covers" are available to prevent concrete from entering the pit during the continuous concrete pours.
SHELL BOTTOM	A solid, liquid tight, flat bottom is available.
INNER COVER SEAL	Fuel resistant "O" ring seal installed in a machined groove.



SECTION ELEVATION



PLAN VIEW

12	2	4" INSULATION GASKET		
11	1	4" SPOOL ADAPTER.	STEEL	GARSITE # 6633361
10	1	4" HYDRANT PIT VALVE		J.C. CARTER # 60864AE
9	1	4" CONE STRAINER		GARSITE
8	1	4" BUTTERFLY VALVE - # 150		NORRIS # M-285A-M73A-1F
7	1	CLAMP	SST	
6	1	CLAMP	SST	
5	1	BOOT, FLEXIBLE	BUNA-N	GARSITE # 6633384
4	1	HEAD	STEEL	
3	1	PIT MODEL - 6200	FIBERGLASS	
2	1	OUTER RING COVER	CAST ALUM	GARSITE
1	1	INNER COVER	CAST ALUM	GARSITE
ITEM	QTY.	DESCRIPTION	MATERIAL	REMARKS

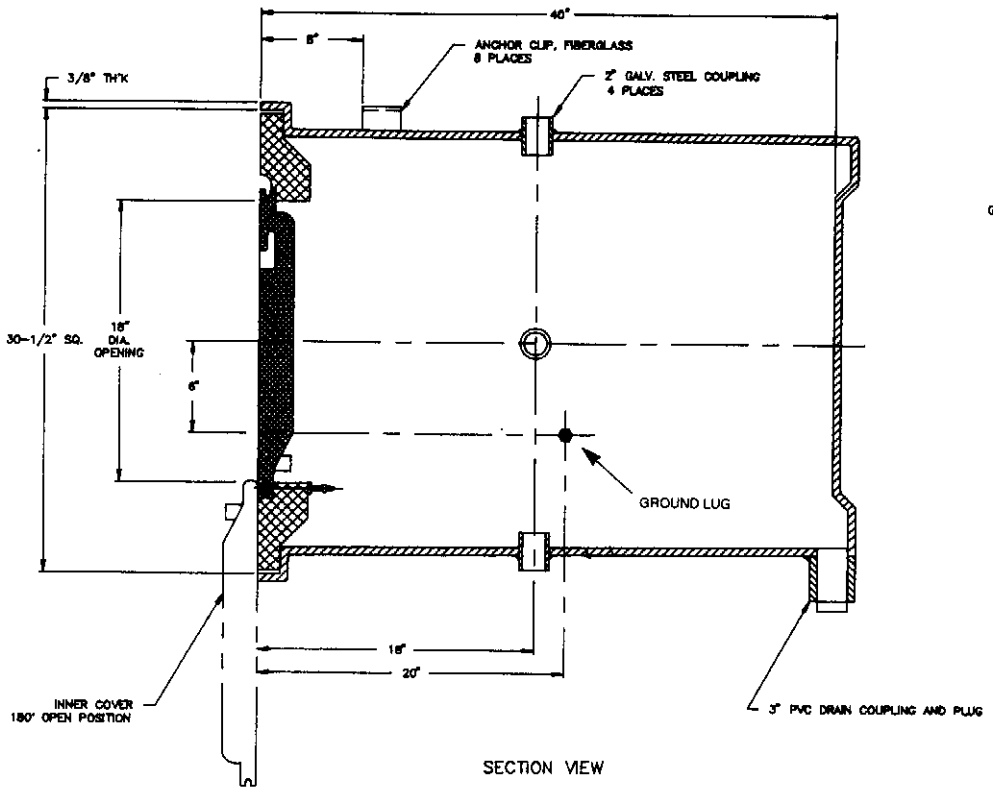
LIST OF MATERIAL

MODEL 6200

Title: FUEL SERVICE HYDRANT PIT w/FIBERGLASS SPLIT SKIRT

GNY EQUIPMENT, LLC D

7



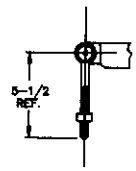
SECTION VIEW

GENERAL NOTES:

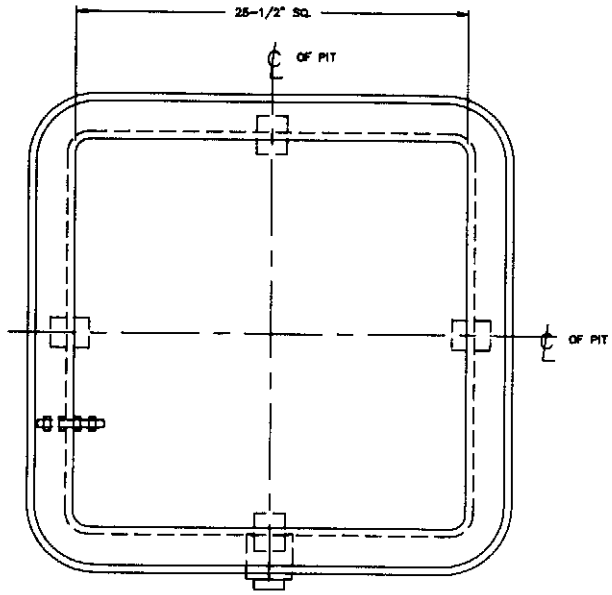
1. ALL COVERS w/NON-SKID SURFACE.
2. ALL COVERS 712 CAST ALUM. CONFORMING TO QQ-A-601F.

TEST NOTES:

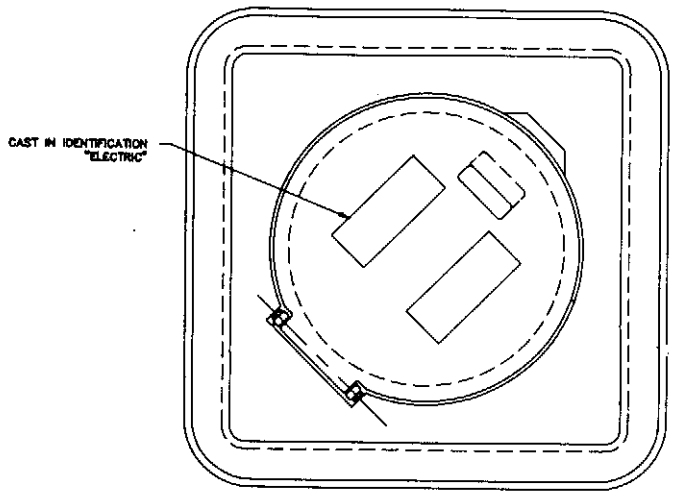
1. TEST LOAD TO BE APPLIED ON 11.74 x 18.6 TIRE PRINT AREA = 200 SQ. IN.
2. RATED LOAD = 250 P.S.I.
3. TEST LOAD = 1000 P.S.I. (MIN.)
4. STATISTICAL TEST PER MIL-105



DETAIL "A"



PLAN VIEW

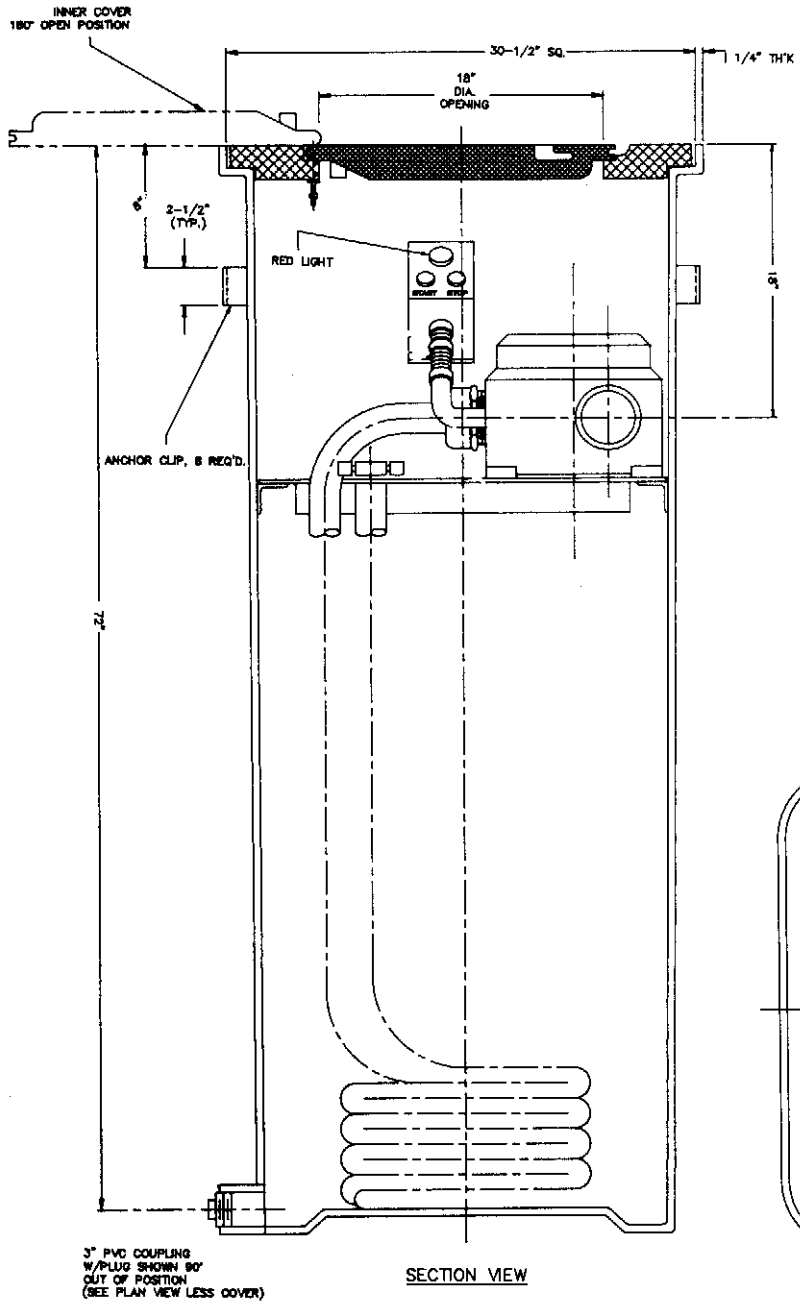


PLAN VIEW W/COVER

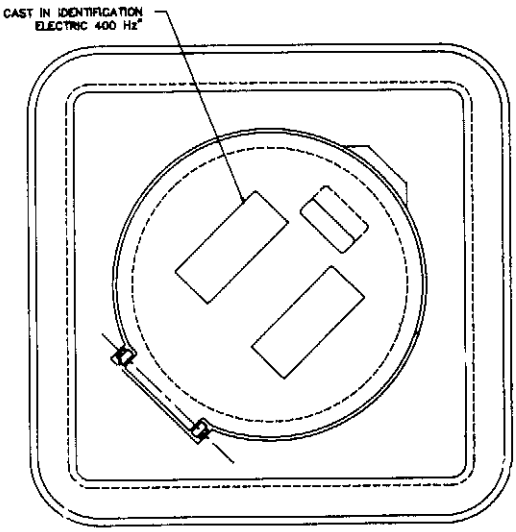
MODEL 6200

Title: FIBERGLASS ELECTRIC PULL BOX PIT

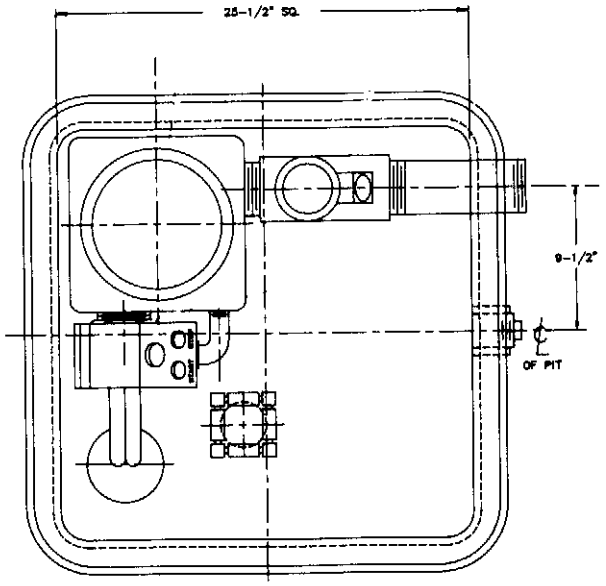
GNY EQUIPMENT, LLC D



SECTION VIEW



PLAN VIEW W/COVER



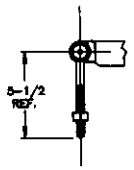
PLAN VIEW

GENERAL NOTES:

1. ALL COVERS w/NON-SKID SURFACE.
2. ALL DIMENSION ARE INSIDE.

TEST NOTES:

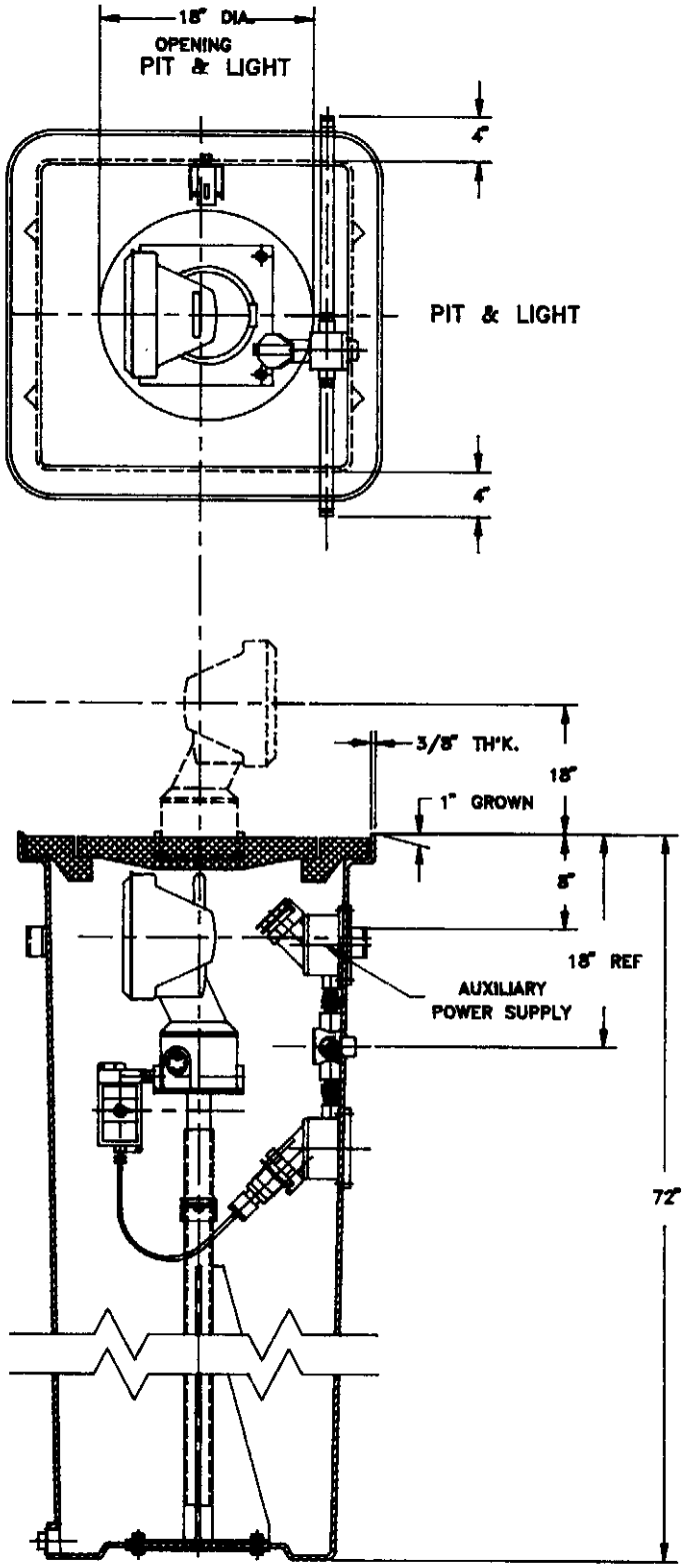
1. TEST LOAD TO BE APPLIED ON 11.74 x 18.8 TIRE PRINT AREA = 200 SQ. IN.
2. RATED LOAD = 250 P.S.I.
3. TEST LOAD = 1000 P.S.I. (MIN.)
4. STATISTICAL TEST PER MIL-105



DETAIL "A"

MODEL 6200

Title: FIBERGLASS ELECTRIC PULL BOX PIT



NOTES:

1. TOP OF OUTER AND HINGED COVER TO BE OF NON-SKID SURFACE CONSTRUCTION.
1. ALL DIMENSIONS ARE INSIDE.
3. ALL EQUIPMENT TO BE MOUNTED ON PIT WALL W/STEEL BACK-UP PLATES ON OUTSIDE WALL W/NUTS, BOLTS & WASHERS AS REQUIRED. PRIME PAINTED & COVERED W/FIBRGLASS RESIN
4. ALL ELECTRICAL CONDUIT TO BE RIGID GALVANIZED.
5. ALL CONDUIT & PIPE PASSING THRU PIT WALL TO HAVE DUCT SEAL CAULKING ON INSIDE & FIBERGLASS RESIN ON OUTSIDE OF PIT WALL.

TEST NOTES:

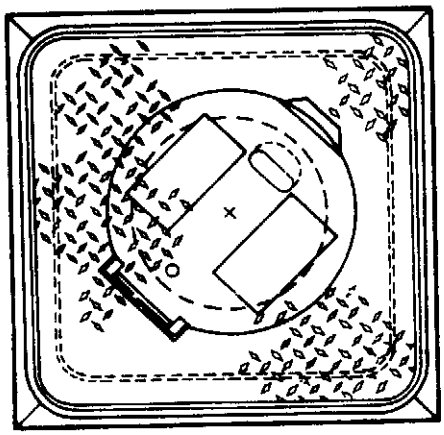
1. CERTIFIED TEST LOAD REPORT REQUIRED.
2. TEST LOAD TO BE APPLIED ON (1) 11.74" x 18.6" TIRE PRINT AREA = (200 SQ. IN.).
3. RATED LOAD = 1000 P.S.I.
4. STATISTICAL TEST PER MIL-STD-105.

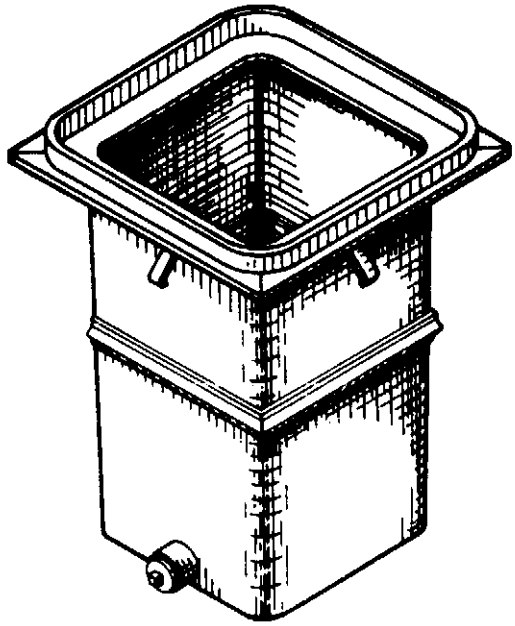
MODEL 6200

Title: FIBERGLASS LIGHT PIT 500 WATT

AIRCRAFT GROUND SERVICE PIT
MODEL 6300

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES



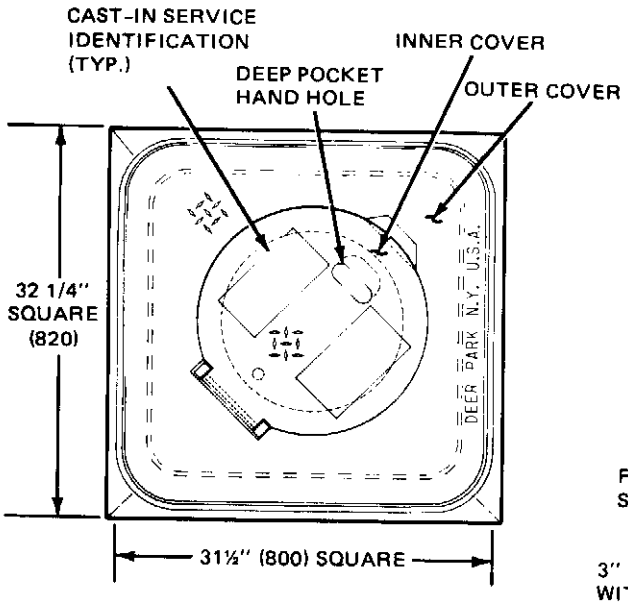


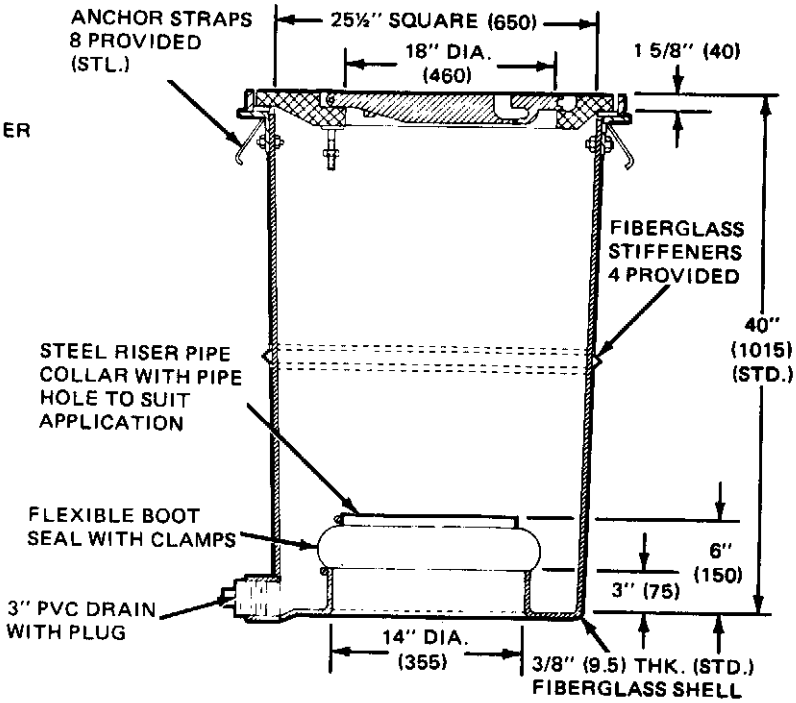
STEEL FRAMED FIBERGLASS PIT

The standard Model 6300 pit consists of a two piece cast aluminum cover assembly and a one piece molded fiberglass shell with a steel frame and concrete anchors, having a bottom entrance, pipe collar, flexible fuel-resistant boot type seal, and stainless steel clamps. This design offers superior strength to the pit frame.

APPLICATIONS:

FUEL HYDRANT	For all commercial aviation fuel hydrant valves.
WATER SERVICE	For water hydrant outlets and/or water service.
HIGH POINT VENT	For piping system venting connections (fuel, water, air).
LOW POINT DRAIN	For piping system low point drain connections (fuel, water, air).
COMBINATION VENT/ DRAIN	For combination high point vent and low point drain connections.
ELECTRICAL	For 120 volt and 240 volt, 60 hertz and 400 hertz service and other various voltages and frequencies. Special application for communication service.
AIR START	For air start hose, coupler and coupler holder.
PRECONDITIONED AIR OUTLET	For conditioned air hose and adapter storage.
SURGE SUPPRESSOR	For installation of 5 and 7-1/2 gallon surge suppressors.
TELESCOPING AREA LIGHT	For installation of auxiliary ramp lights.
SUMP	For low point collection of fluids.
MAINTENANCE AND ACCESS	For access manways into underground vaults.
SPECIAL APPLICATIONS	Consult factory for custom application.





SHELL:

The Model 6300 pit shell is a one piece molded unit. The inside dimensions of the shell are 25.5 inches (650mm) square by 40 inches (1015mm) deep. The shell wall is nominally three-eights (.375) inch (9.5mm) thick. The pit frame is constructed of steel which is attached to the fiberglass shell. The eight (8) steel integral brackets for concrete anchors are welded to the underside of the steel frame, equally spaced around the outside perimeter. The pit shell is a glass fiber reinforced plastic (GRP) structure composed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright, clean environment and appearance. The steel frame is coated with a grey enamel paint. Fluids collected in the pit may be drained through a 3 inch IPS rigid PVC pipe coupling installed in the shell's drain trough for connection to a suitable collection system.

COVER:

The pit cover is a two piece, non-skid, non-sparking, assembly consisting of one stationary outer ring and an inner access cover. The inner cover can be opened a full 180 degrees with a 25 Lb. (11.4 kg) single hand lift on a non-weight bearing hinge to expose an 18 inch (460 mm) diameter clear opening. Each inner cover is available with cast in service identification (one inch (25mm) high by .062 inch (1.5mm) raised letters), a deep pocket handhole, and an edge fingergrip. The cover assembly is completely removable for maximum access to internal equipment. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

The cover assembly (part numbers 6533397 and 6533772(H) is guaranteed to withstand a single 200,000 pound (90720 kg) load applied over a 200 square inch (1290cm2) tire footprint area placed anywhere on it (1000 psi (70.3kg/cm2) rating). This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

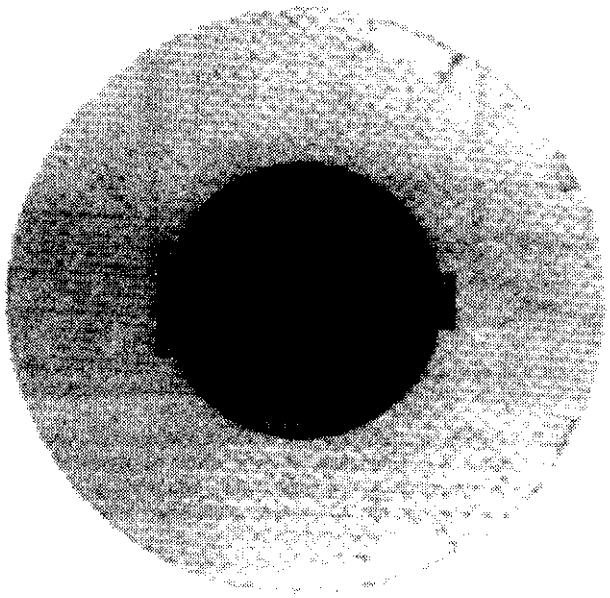
All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

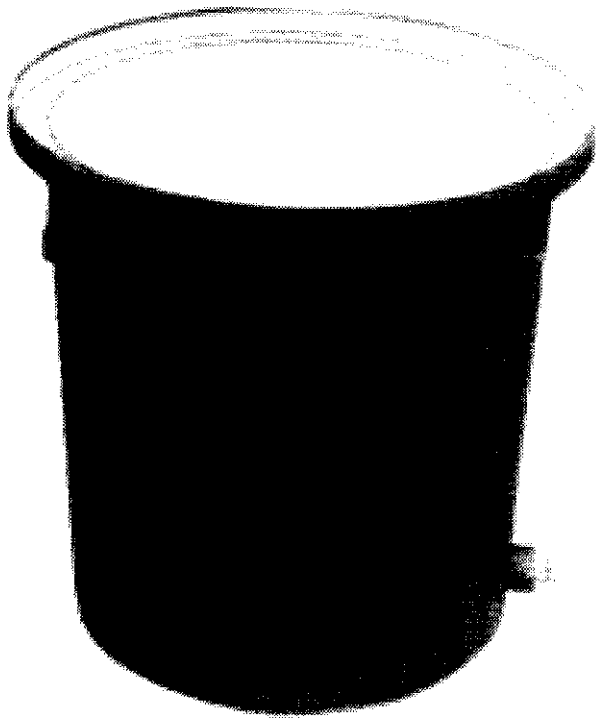
OPTIONS:

OVER-ALL-DEPTH	Presently available optional depths 52, 72, and 144 inches (1320, 1830, and 3660mm). Other depths are available on special order.
CUSTOM SHELL CONFIGURATIONS	Side entrance or extensions available on special order.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SPLIT TOP SHELL	A special slip-fit, removable top section is available to enable a continuous concrete apron panel pour. The removable upper section is supplied with eight (8) additional integral brackets for concrete anchors. Glass fiber reinforced plastic "mud covers" are available to prevent concrete from entering the pit during the continuous concrete pours.
SHELL BOTTOM	A solid, liquid tight, flat bottom is available.
INNER COVER SEAL	Fuel resistant "O" ring seal installed in a machined groove.

AIRCRAFT GROUND SERVICE PIT
MODEL 1464

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES





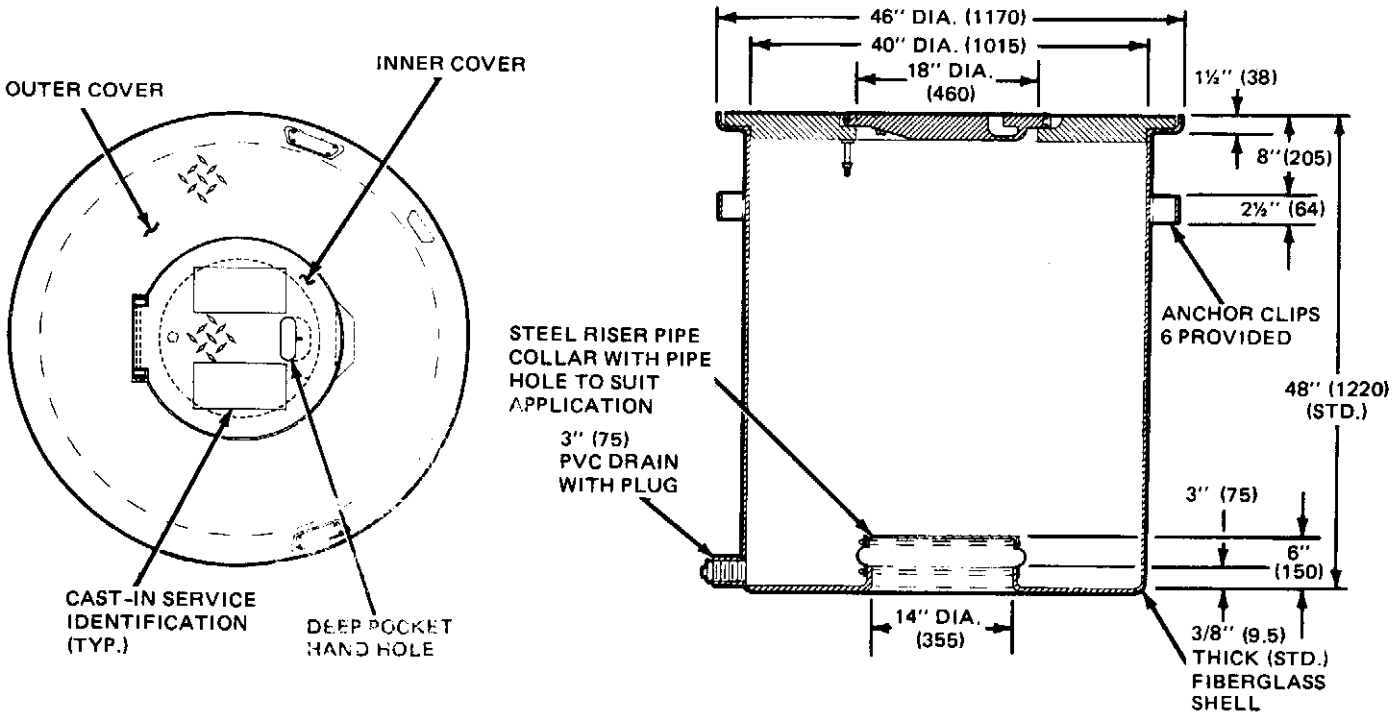
SPECIAL ORDER

The standard Model 1464 pit consists of a two piece cast aluminum cover assembly and a one piece molded fiberglass shell, having a bottom entrance, pipe collar, flexible fuel-resistant boot type seal, and stainless steel clamps.

APPLICATIONS:

FUEL HYDRANT	For all commercial and military aviation fuel hydrant valves.
ISOLATION	For installation of pipeline isolation valves.
WATER SERVICE	For water hydrant outlets and/or water service.
ELECTRICAL	For 120 volt and 240 volt, 60 hertz and 400 hertz service and other various voltages and frequencies. Special application for communication service.
AIR START	For air start service complete with automatic valve, air start hose, coupler and coupler holder.
PRECONDITIONED AIR OUTLET	For conditioned air hose and adapter storage.
SURGE SUPPRESSOR	For installation of 5, 7-1/2, and 10 gallon surge suppressors.
MAINTENANCE AND ACCESS	For access manways into underground vaults.
SPECIAL APPLICATIONS	Consult factory for custom application.

GNY EQUIPMENT, LLC



SHELL:

The Model 1464 pit shell is a one piece molded unit. The inside dimensions of the shell are 40 inches (1016mm) in diameter by 48 inches (1220mm) deep. The shell wall is nominally three-eights (.375) inch (9.5mm) thick and has eight (8) integral brackets for concrete anchors equally spaced around the outside circumference of the shell below the cover seat. The pit shell is a glass fiber reinforced plastic (GRP) structure composed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright, clean environment and appearance. Fluids collected in the pit may be drained through a 3 inch IPS rigid PVC pipe coupling installed in the shell's sump for connection to a suitable collection system.

COVER:

The pit cover is a two piece, non-skid, non-sparking, assembly consisting of one stationary outer ring and an inner access cover. The inner cover can be opened a full 180 degrees with a 25 Lb. (11.4 kg) single hand lift on a non-weight bearing hinge to expose an 18 inch (460 mm) diameter clear opening. Each inner cover is available with cast in service identification (one inch (25mm) high by .062 inch (1.5mm) raised letters), a deep pocket handhole, and an edge fingergrip. The cover assembly is completely removable for maximum access to internal equipment. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

The cover assembly (part numbers 6533378 and 6533772(H) is guaranteed to withstand a single 200,000 pound (90720 kg) load applied over a 200 square inch (1290cm2) tire footprint area placed anywhere on it (1000 psi (70.3kg/cm2) rating). This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

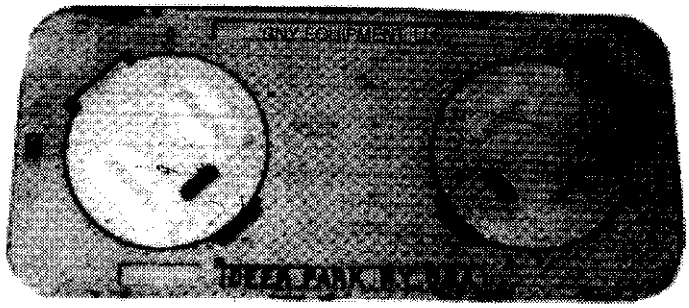
All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

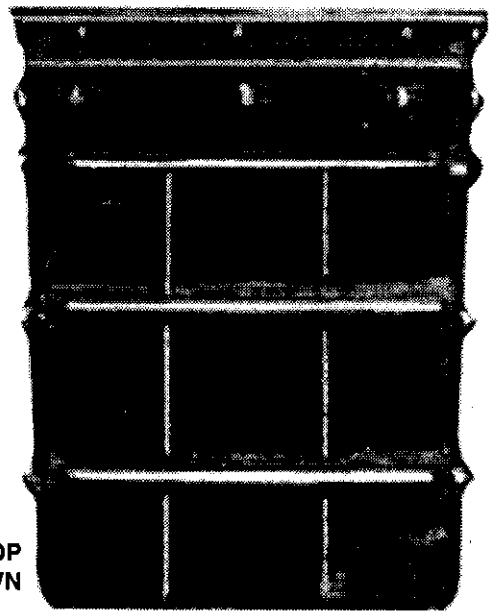
OPTIONS:

FLANGED STEEL SUPPORT FRAME FOR COVER	Integrally bonded to the fiberglass shell.
OVER-ALL-DEPTH	Presently available optional depth is 60 inches (1525mm). Other depths are available on special order.
CUSTOM SHELL CONFIGURATIONS	Side entrance or extensions available on special order.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SPLIT TOP SHELL	A special slip-fit, removable top section is available to enable a continuous concrete apron panel pour. The removable upper section is supplied with eight (8) additional integral brackets for concrete anchors. Glass fiber reinforced plastic "mud covers" are available to prevent concrete from entering the pit during the continuous concrete pours.
SHELL BOTTOM	A solid, liquid tight, flat bottom is available.
INNER COVER SEAL	Fuel resistant "O" ring seal installed in a machined groove.

AIRCRAFT GROUND SERVICE PIT
MODEL 6000

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES





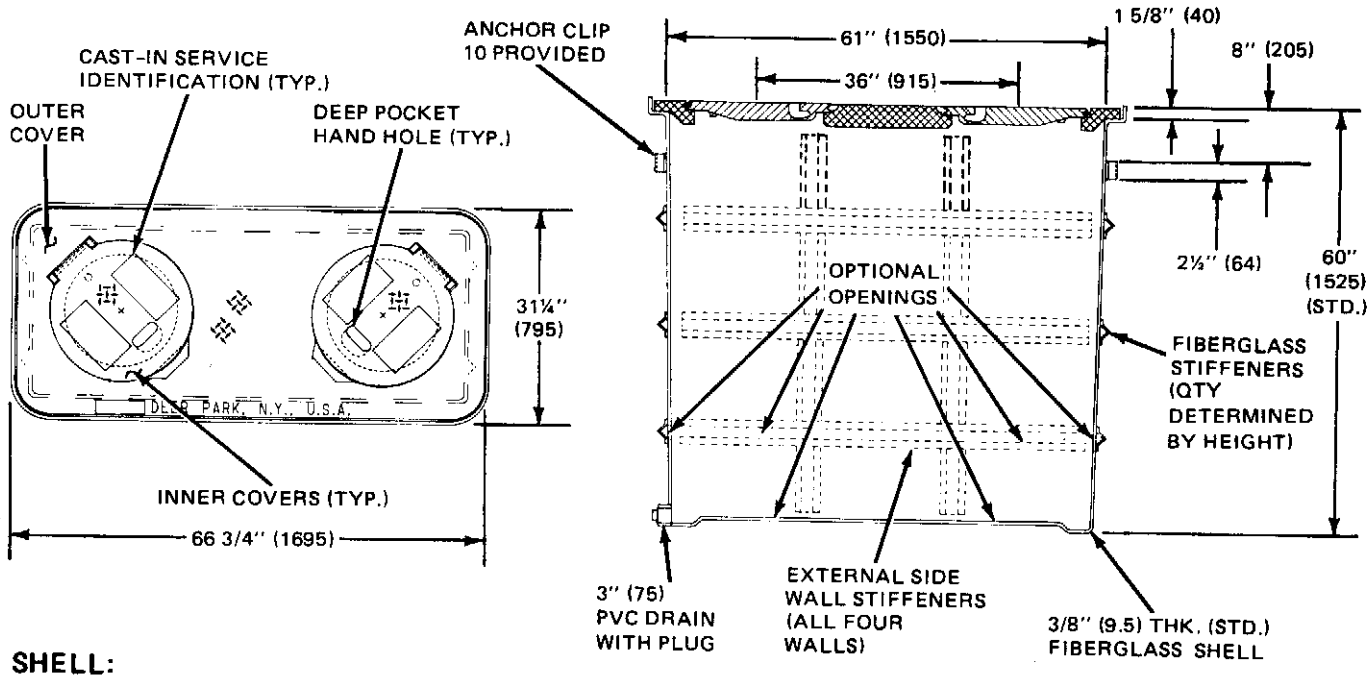
OPTIONAL SPLIT TOP SHELL SHOWN

The standard Model 6000 pit consists of a three piece cast aluminum cover assembly and a one piece molded fiberglass shell, pipe collar, flexible fuel-resistant boot type seal, and stainless steel clamps. The shell entrance(s) can be located in bottom, sides or ends depending upon application.

APPLICATIONS:

FUEL HYDRANT	For all commercial and military aviation fuel hydrant valves, single or dual configuration.
ISOLATION	For pipeline isolation valves.
WATER SERVICE	For water hydrant outlets and/or water service.
COMBINATION VENT/ DRAIN	For piping system venting and draining connections used in conjunction with isolation pits (fuel, water, air).
ELECTRICAL	For 120 volt and 240 volt, 60 hertz and 400 hertz service and other various voltages and frequencies with or without transformers. Special application for communication service.
AIR START	For air start service complete with automatic valve, air start hose, coupler and coupler holder.
PRECONDITIONED AIR	For conditioned air systems.
SURGE SUPPRESSOR	For installation of surge suppressors.
MAINTENANCE AND ACCESS	For access manways into underground vaults.
SPECIAL APPLICATIONS	Consult factory for custom application.

GNY EQUIPMENT, LLC



SHELL:

The Model 6000 pit shell is a one piece molded unit. The inside dimensions of the shell are 61 inches (1550mm) long by 25.5 inches (650mm) wide and 60 inches (1525mm) deep. The shell wall is nominally three-eights (.375) inch (9.5mm) thick and has ten (10) integral brackets for concrete anchors equally spaced around the outside perimeter of the shell below the cover seat. The pit shell is a glass fiber reinforced plastic (GRP) structure composed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright, clean environment and appearance. Fluids collected in the pit may be drained through a 3 inch IPS rigid PVC pipe coupling installed in the shell's drain trough for connection to a suitable collection system.

COVER:

The pit cover is a three piece, non-skid, non-sparking, assembly consisting of one stationary outer ring and two inner access covers. The inner covers can be opened a full 180 degrees with 25Lb. (11.4 kg) single hand lifts on non-weight bearing hinges to expose two 18 inch (460 mm) diameter clear openings. Each inner cover is available with cast in service identification (one inch (25mm) high by .062 inch (1.5mm) raised letters), a deep pocket handhole, and an edge fingergrip. The cover assembly is completely removable for maximum access to internal equipment. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

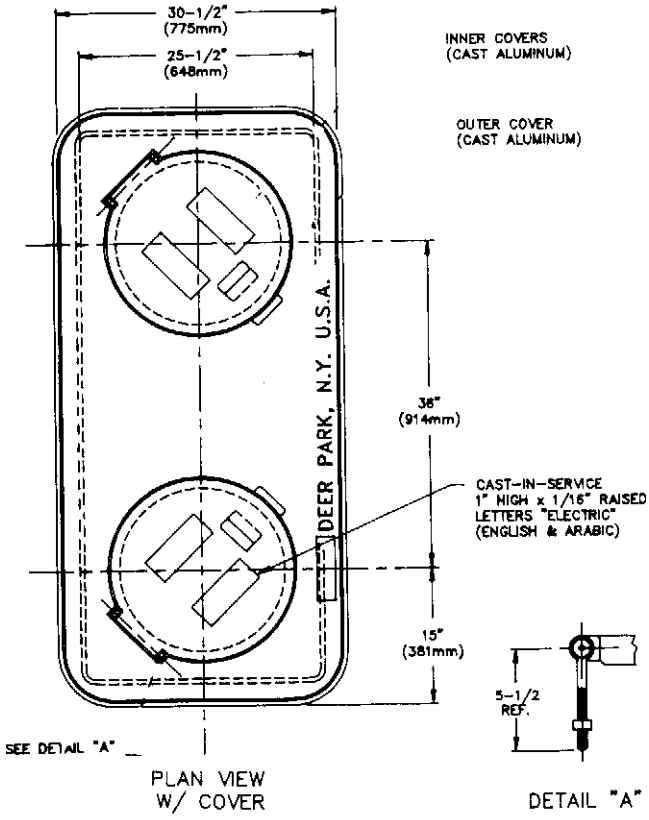
The cover assembly (part numbers 6533371 and 6533772(H) is guaranteed to withstand a dual 200,000 pound (90720 kg) load applied over two 200 square inch (1290cm2) tire footprint areas placed anywhere on it (1000 psi (70.3kg/cm2) rating). This represents a 4 to 1 safety factor.

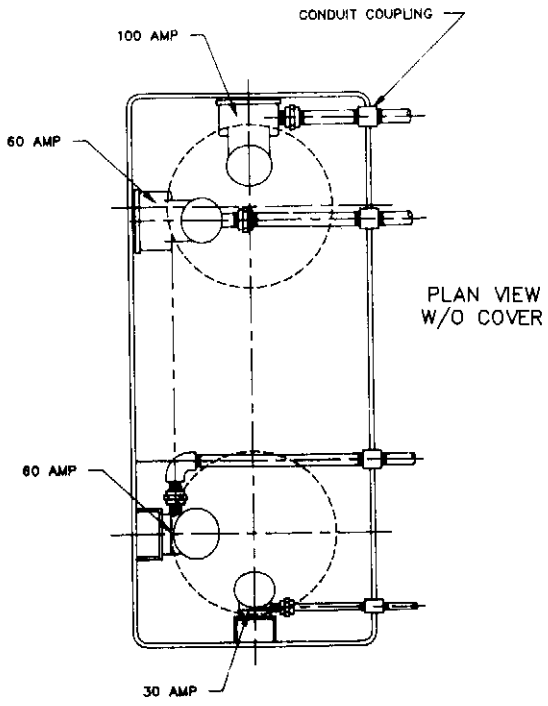
QUALITY ASSURANCE:

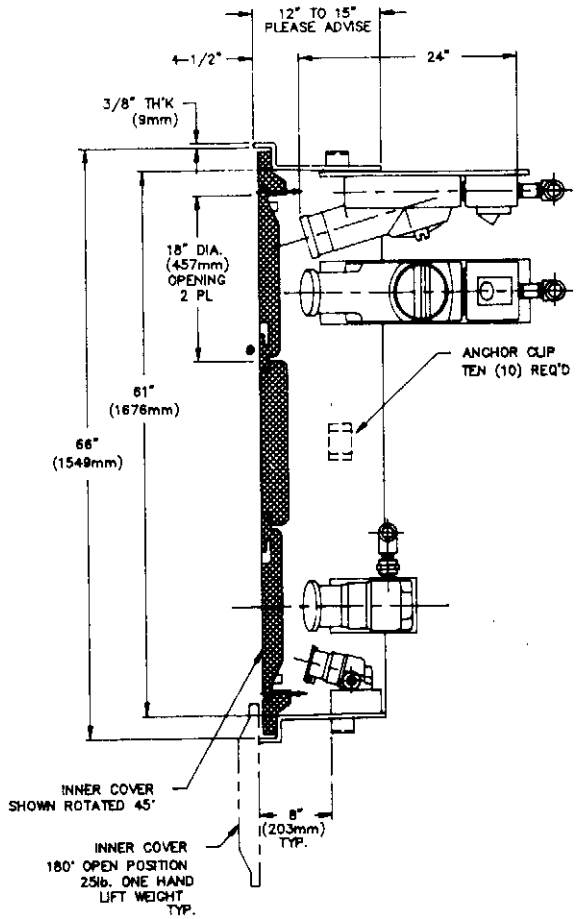
All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

OPTIONS:

FLANGED STEEL SUPPORT FRAME FOR COVER	Integrally bonded to the fiberglass shell.
OVER-ALL-DEPTH	Presently available optional depths 39, 48, 72, 78, 84, 96, 108, 120, 132, and 144 inches (990, 1220, 1830, 1980, 2135, 2440, 2745, 3050, 3355, and 3660 mm). Other depths are available on special order.
CUSTOM SHELL CONFIGURATIONS	Side extensions available on special order.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SPLIT TOP SHELL	A special slip-fit, removable top section is available to enable a continuous concrete apron panel pour. The removable upper section is supplied with ten (10) additional integral brackets for concrete anchors. Glass fiber reinforced plastic "mud covers" are available to prevent concrete from entering the pit during the continuous concrete pours.
SHELL BOTTOM	A solid, liquid tight, flat bottom is available.
INNER COVER SEAL	Fuel resistant "O" ring seal installed in a machined groove.
COLLECTION SUMP	Provides a collection sump for use with the drain trough.







NOTES:

1. TOP OF OUTER & HINGED COVER TO BE OF NON-SKID CONSTRUCTION.
2. ALL DIMENSIONS ARE INSIDE.

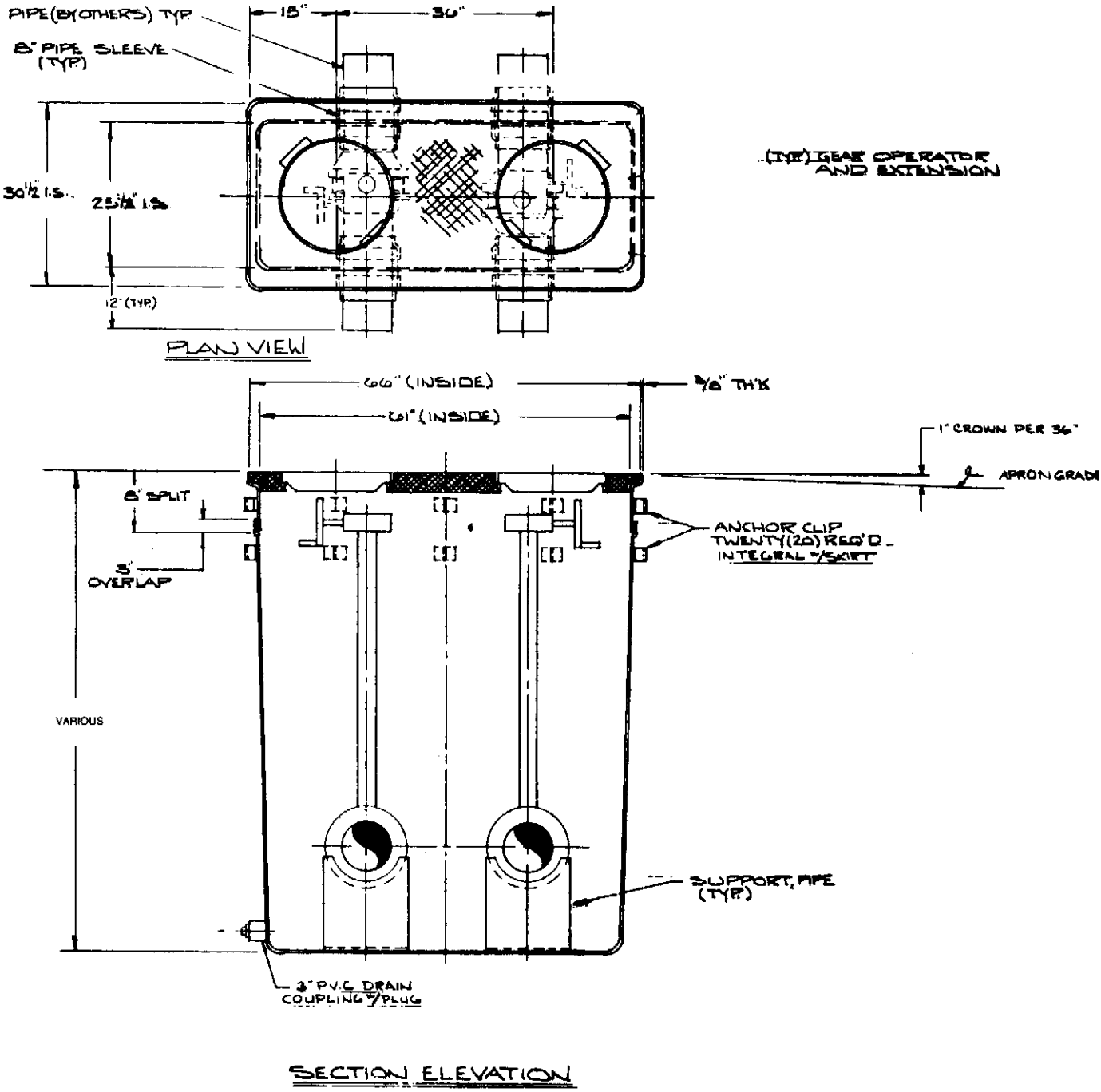
TEST NOTES:

1. TEST LOAD TO BE APPLIED ON 11.74 x 18.6 TYRE PRINT AREA = 200 SQ. IN.
2. RATED LOAD = 250 P.S.I.
3. TEST LOAD = 1000 P.S.I. (MIN.)
4. STATISTICAL TEST PER MIL-105

MODEL 6000

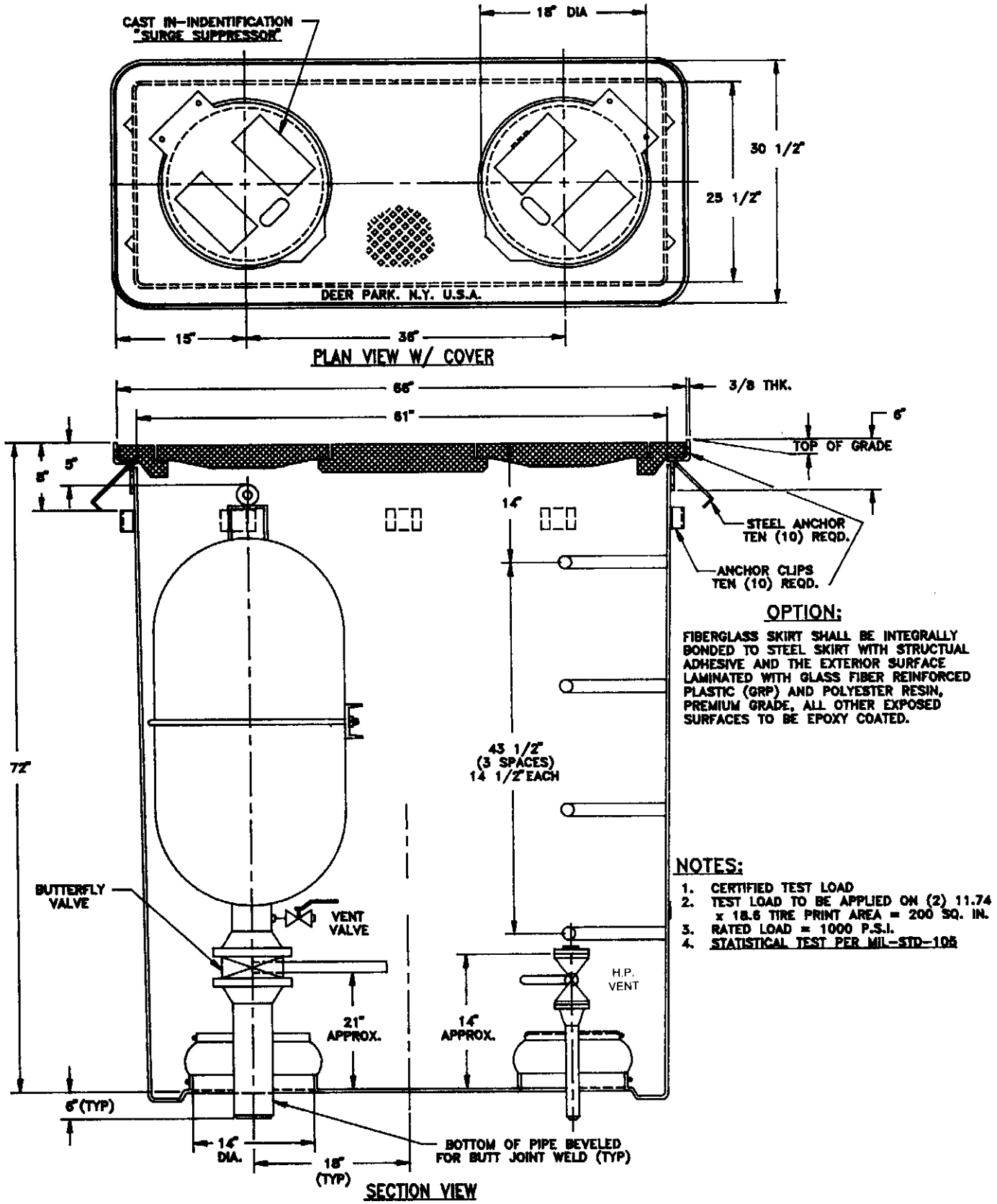
Title: FIBERGLASS PIT COVER and FRAME ASSEMBLY

GNY EQUIPMENT, LLC



MODEL 6000

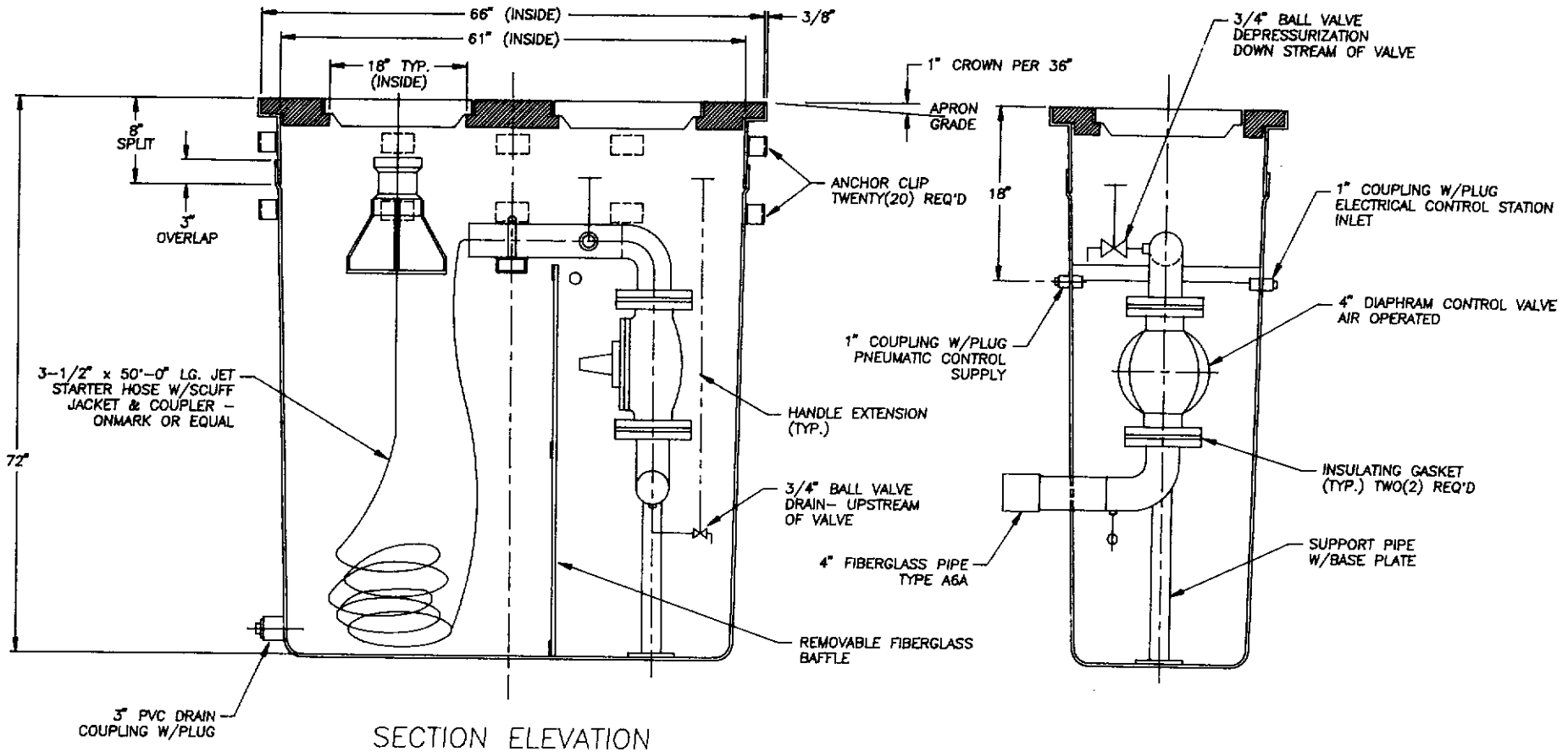
Title: DUAL ISOLATION VALVE PIT w/SPLIT TOP



MODEL 6000

Title: FIBERGLASS SURGE SUPPRESSOR PIT

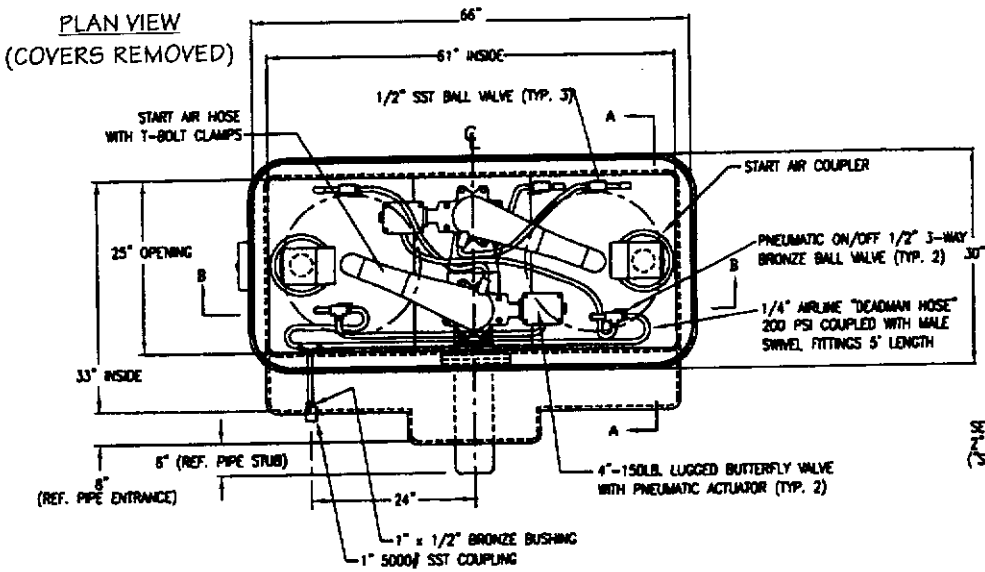
GNY EQUIPMENT, LLC

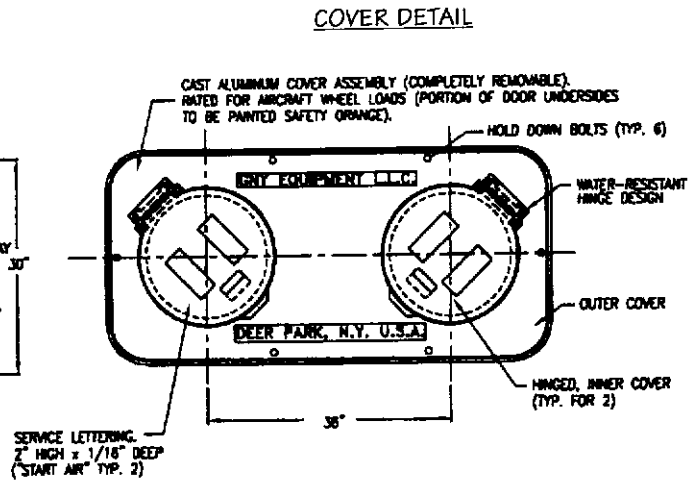


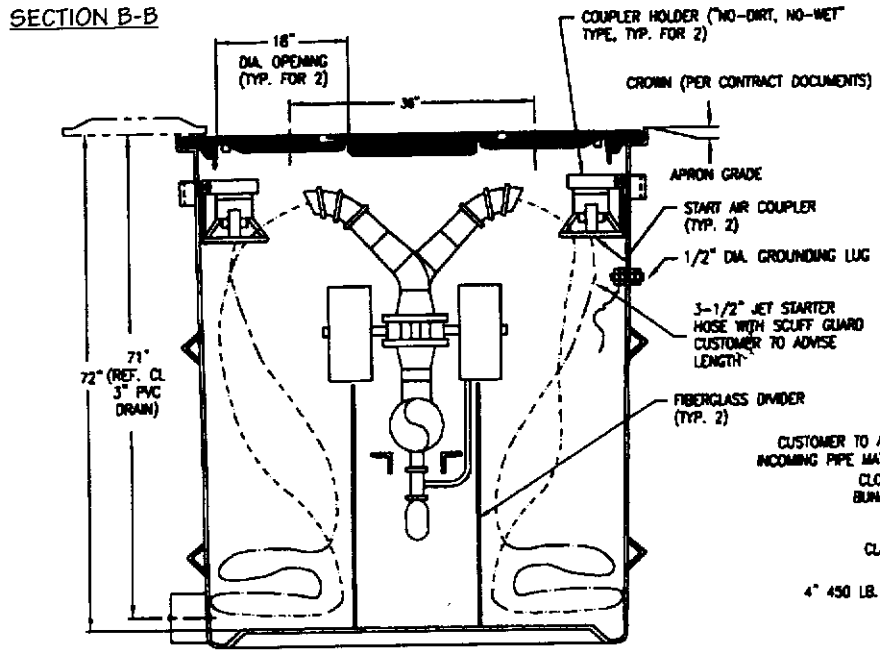
MODEL 6000

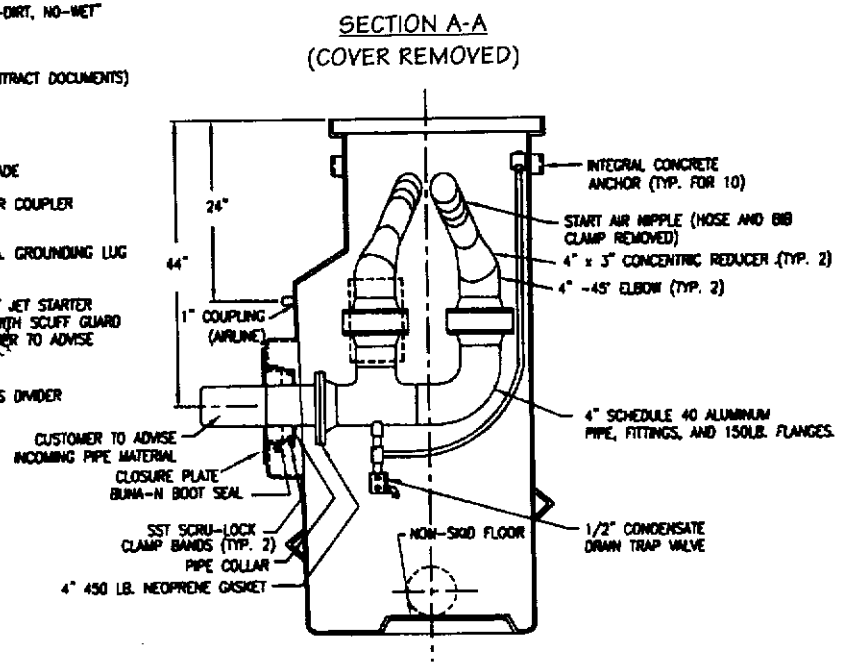
Title: AIR START SERVICE PIT w/FIBERGLASS SPLIT SKIRT

GNY EQUIPMENT, LLC





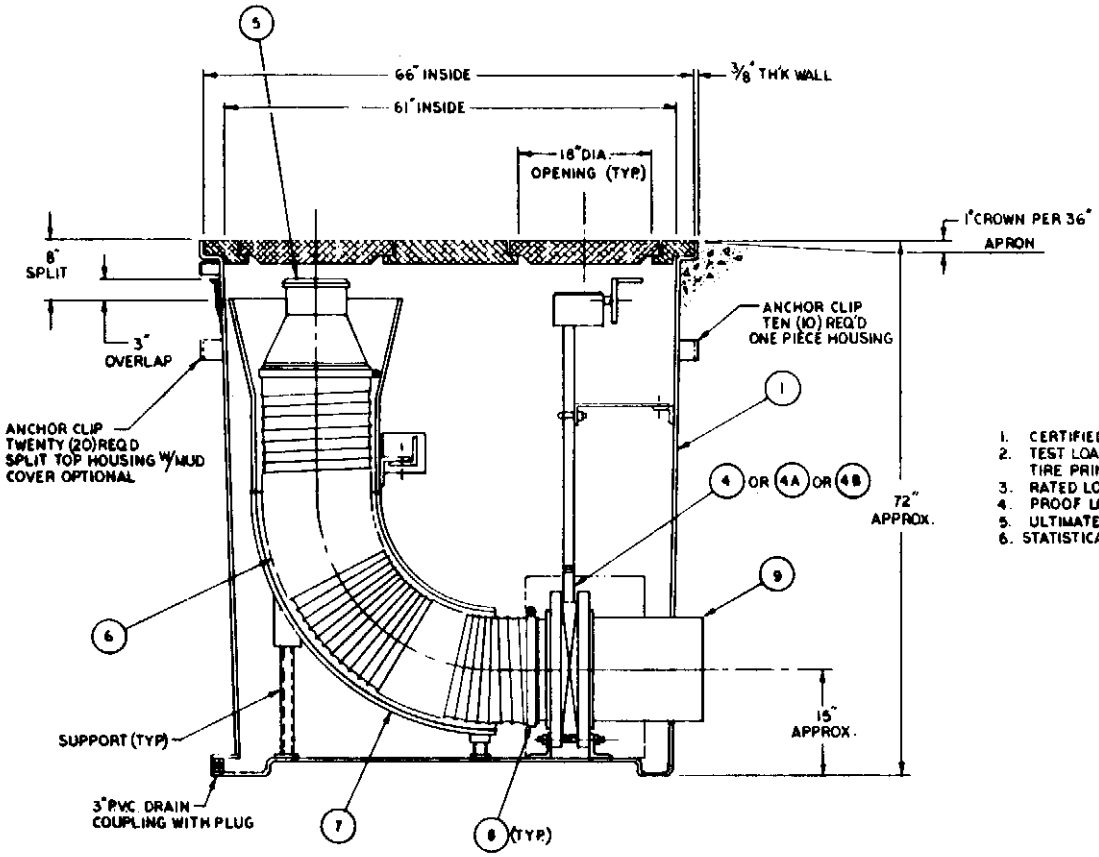




MODEL 6000-33-WR

Title: DUAL AIR START PIT

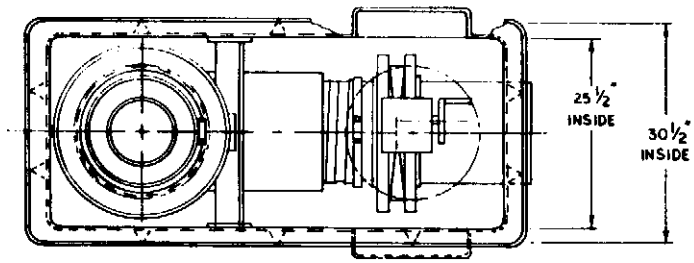
GNY EQUIPMENT, LLC



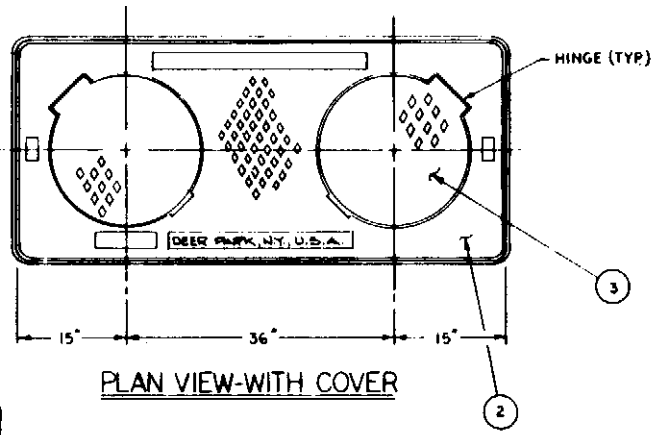
SECTION ELEVATION

TEST NOTES

1. CERTIFIED TEST LOAD REPORT REQ'D
2. TEST LOAD TO BE APPLIED ON 11.74 x 18.6 TIRE PRINT AREA= (200 SQ.IN.)
3. RATED LOAD = 250 P.S.I.
4. PROOF LOAD = 500 P.S.I.
5. ULTIMATE LOAD= 1000 P.S.I. MIN.
6. STATISTICAL TEST PER MIL-STD-105



PLAN VIEW-LESS COVER



PLAN VIEW-WITH COVER

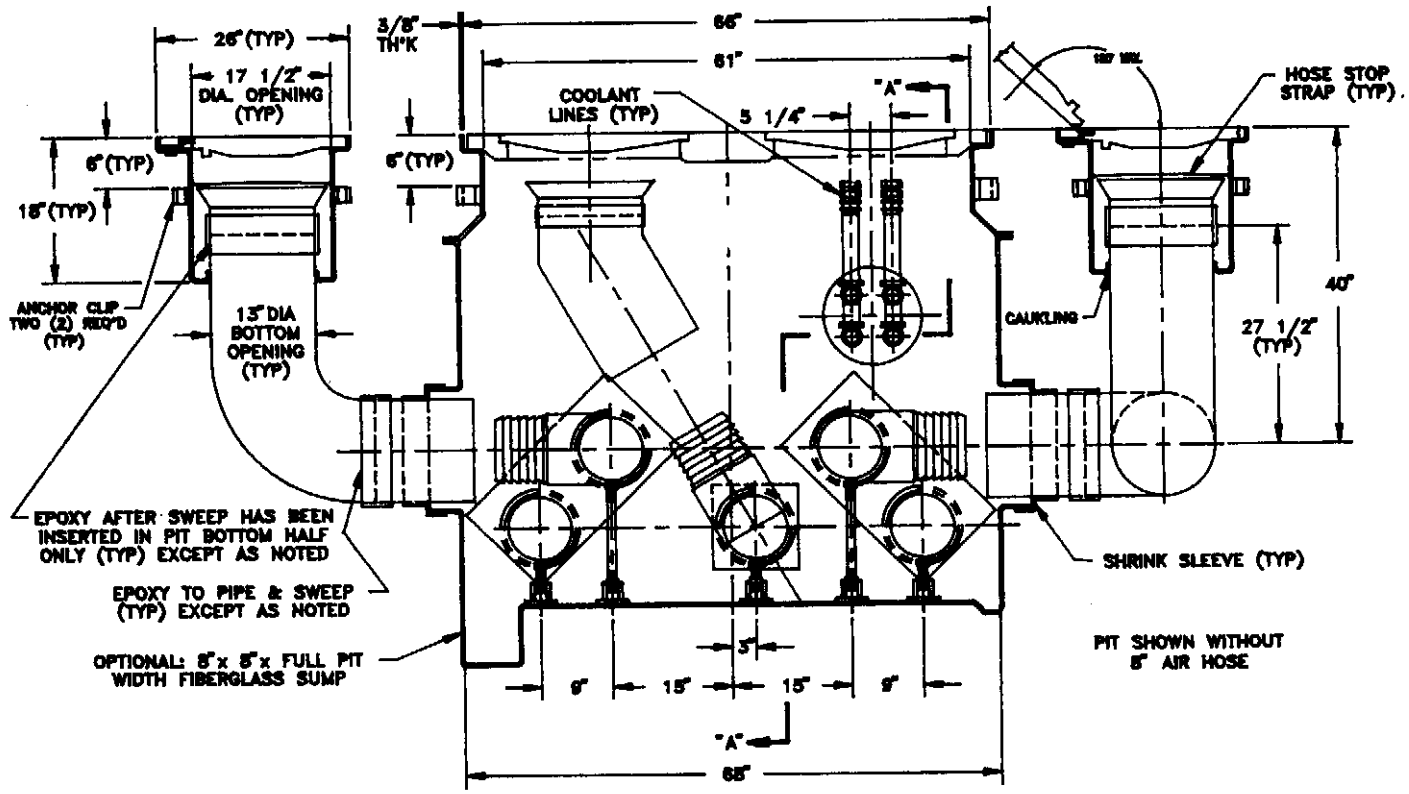
ITEM	QTY.	DESCRIPTION	MATERIAL	REMARKS
9	1	14" PIPE	STEEL	
8	2	HOSE CLAMP 14" DIA.	SST	
7	1	ELBOW HOUSING - 16" DIA.	FIBERGLASS	
6	1	AIR CONDITIONING RETRACTING HOSE		14" x 40'-0" LG.
5	1	AIRCRAFT COUPLER		14" x 8" SIZE
4B	1	14" BUTTERFLY VALVE	SST	OPTIONAL
4A	1	14" BUTTERFLY VALVE	CAST IRON	OPTIONAL
4	1	14" BUTTERFLY VALVE	PVC	
3	2	INNER COVER	CAST ALUM	GARSITE P/N 6533372
2	1	OUTER RING COVER	CAST ALUM	GARSITE P/N 6533371
1	1	PIT - MODEL 6000 SERIES	FIBERGLASS	

LIST OF MATERIAL

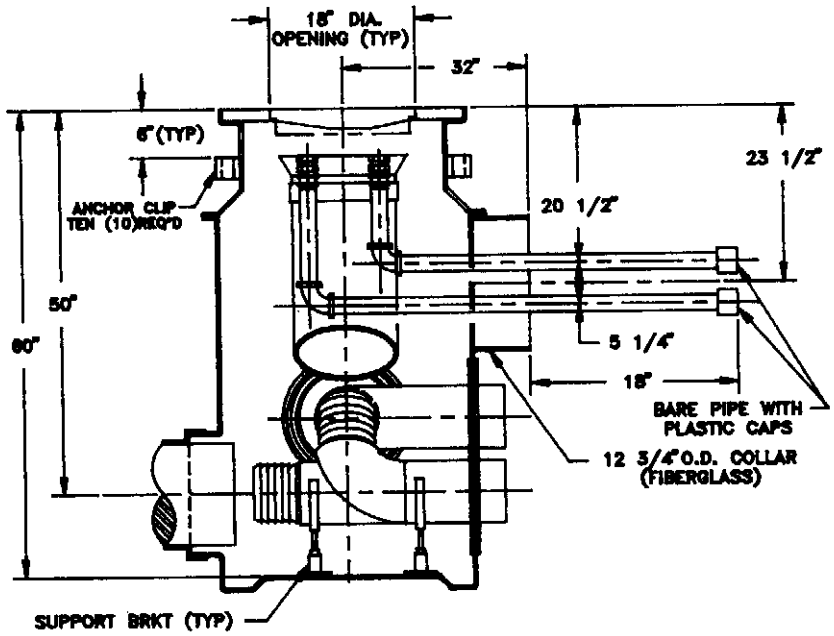
MODEL 6000

Title: PRECONDITIONED AIR PIT w/FIBERGLASS SKIRT

GNY EQUIPMENT, LLC



SECTION VIEW



SECTION VIEW A-A

NOTE:

1. TOP OF OUTER & HINGED COVER TO BE OF NON-SKID SURFACE CONSTRUCTION.
2. ALL UNFINISHED MATERIAL TO BE EPOXY COATED PER G/TSR STANDARDS.
3. AIR IDENTIFICATION CAST IN COVER.
4. ALL THREADED FASTENERS SHALL BE SELF-LOCKING TYPE.

TEST NOTES:

1. CERTIFIED TEST LOAD REPORT ON FILE.
2. TEST LOAD TO BE APPLIED ON TWO (2) 11.74" x 18.6" TIRE PRINT AREA = 200 SQ.IN..
3. RATED LOAD: 1000 P.S.I. (MIN)
4. STATISTICAL TEST PER MIL-STD-105.

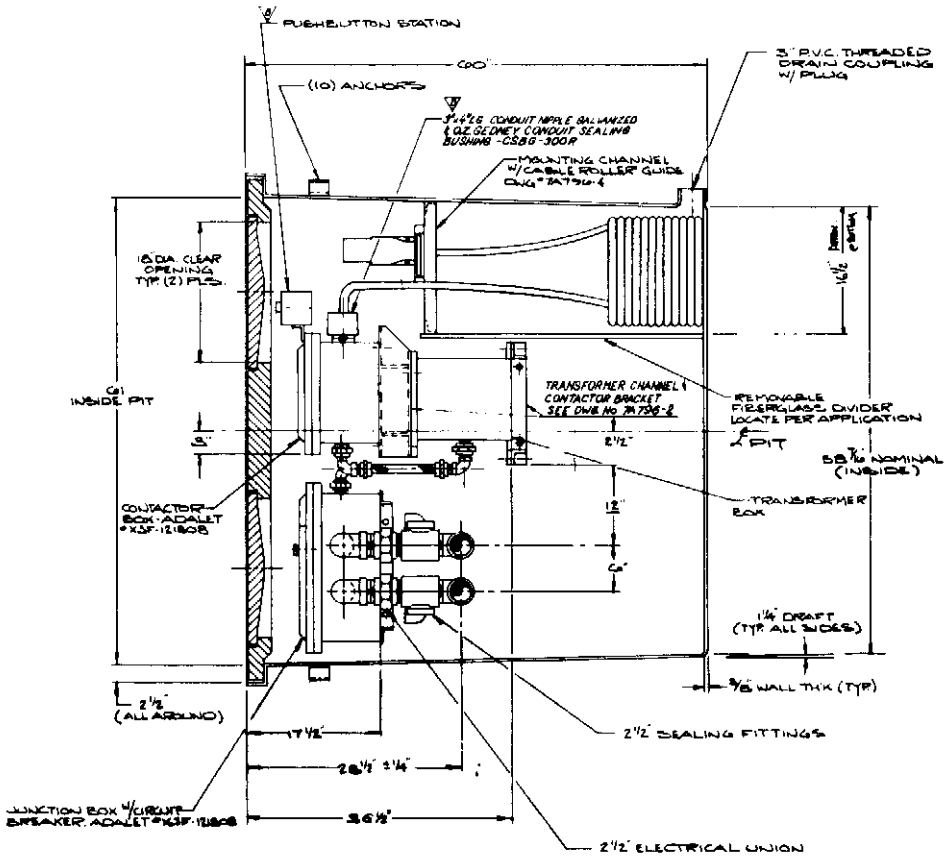
PIPING:

1. INTERNAL & EXTERNALLY EPOXY COATED BY G/TSR (8" PIPE ONLY).
2. ALL PIPE LESS THAN 2" TO BE EXTERNALLY PAINTED ONLY.

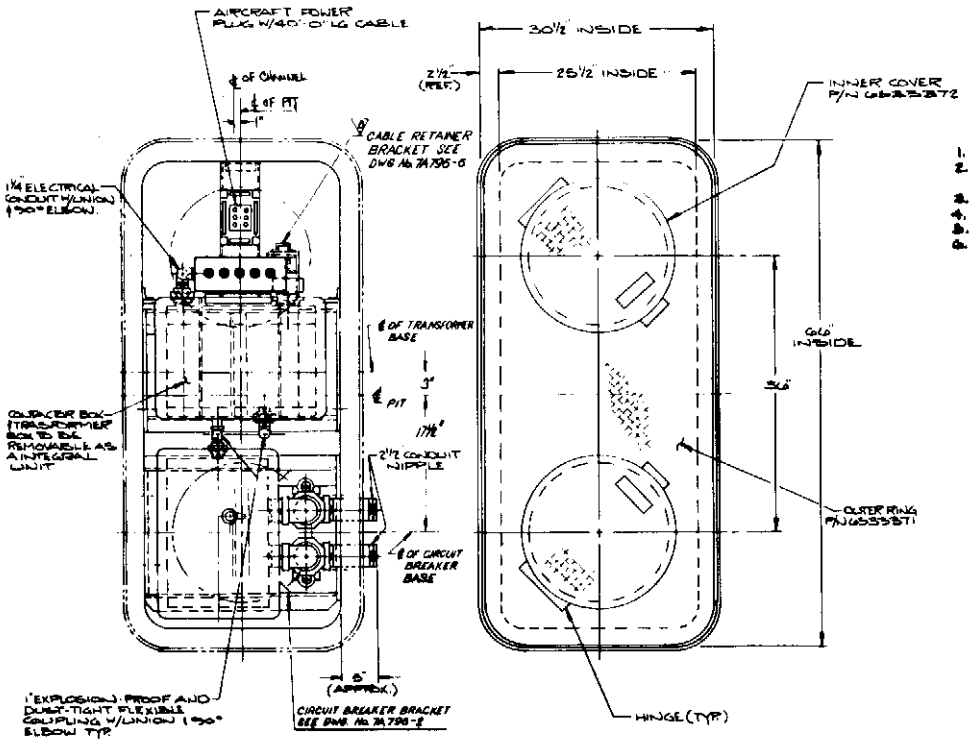
MODEL 6000-5A-4C

Title: AIR & COOLANT SERVICE PIT

GNY EQUIPMENT, LL



TYPICAL SECTION VIEW



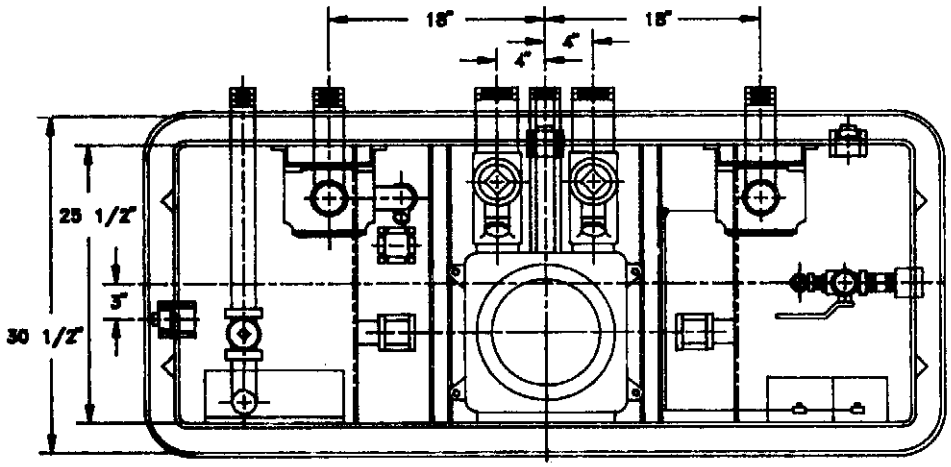
PLAN VIEW

TEST NOTES:
1. CERTIFIED TEST LOAD REPORT REQ'D
2. TEST LOAD TO BE APPLIED ON (2) 11.74 x 16.46 TIRE PRINT AREAS (200 SQ. IN.)
3. RATED LOAD: 750 PSI.
4. PROOF LOAD: 1500 PSI.
5. ULTIMATE LOAD: 1900 PSI. (MIN.)
6. STATISTICAL TEST PER MIL-STD-105

MODEL 6000

Title: ELECTRICAL SERVICE PIT COMPONENT ARRANGEMENT

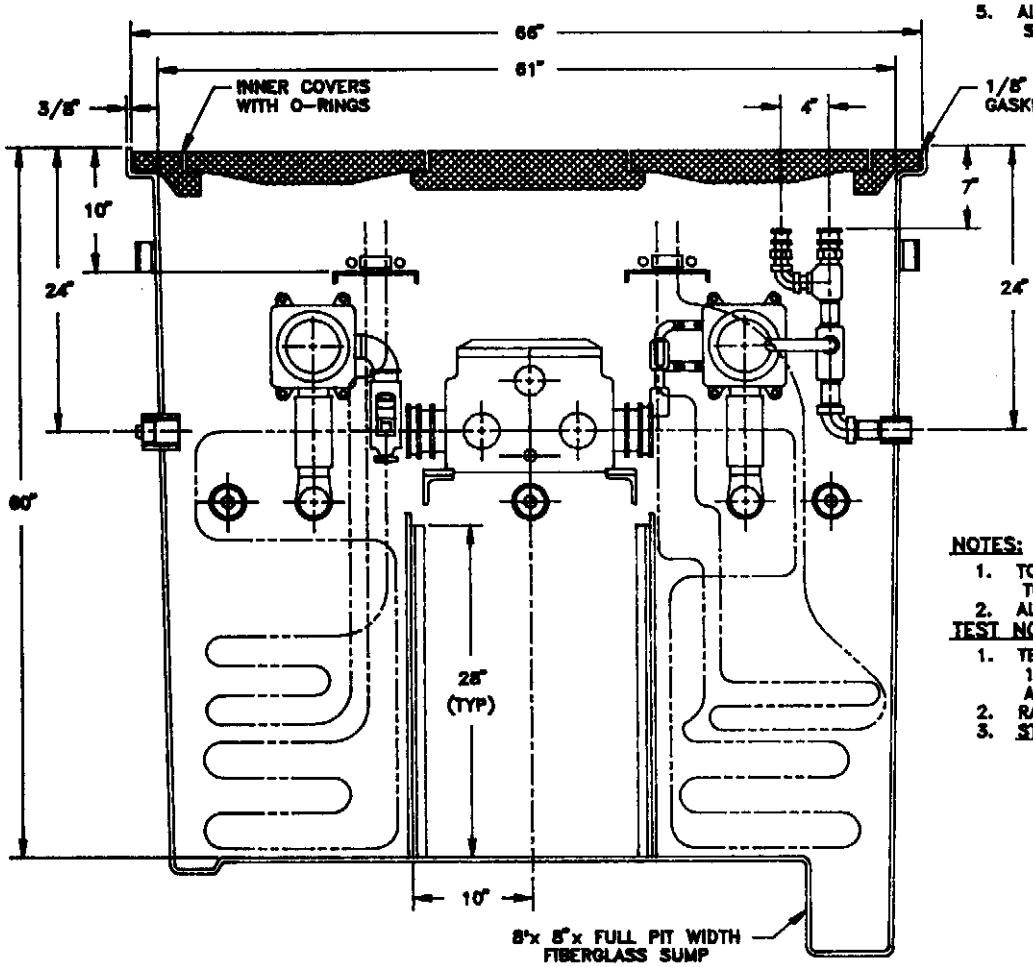
GNY EQUIPMENT, LLC



PLAN VIEW

GENERAL NOTES:

1. ALL EQUIPMENT TO BE MOUNTED ON BRACKETS THAT ARE BOLTED THRU PIT WALL W/PLATE ON OUTSIDE, PRIME PAINTED & COVERED WITH FIBERGLASS RESIN.
2. ALL ELECTRICAL CONDUIT TO BE RIGID GALVANIZED.
3. AIR LINE TO BE BRASS PIPE WITH SCREWED CONNECTIONS.
4. ALL CONDUIT & PIPE PASSING THRU PIT WALL TO HAVE DUCT SEAL CAULKING, ON INSIDE & FIBERGLASS RESIN ON OUTSIDE OF PIT WALL.
5. ALL THREADED FASTENERS SHALL BE SELF-LOCKING TYPE.



SECTION VIEW

NOTES:

1. TOP OF OUTER AND HINGED COVER TO BE OF NON-SKID CONSTRUCTION.
2. ALL DIMENSION ARE INSIDE.

TEST NOTES:

1. TEST LOAD TO BE APPLIED ON 11.74"x 18.6" TIRE PRINT AREA = 200 (SQ IN)
2. RATED LOAD = 1000 P.S.I.
3. STATISTICAL TEST PER MIL-STD-108

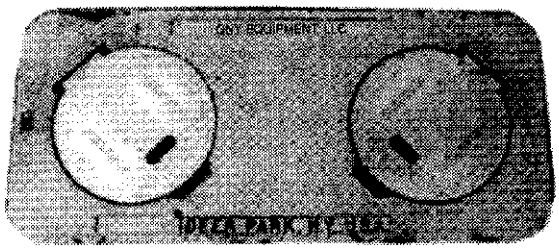
MODEL 6000-E-A

Title: ELECTRICAL & AIR SERVICE 400 Hz AND OTHER OPTIONAL SERVICES

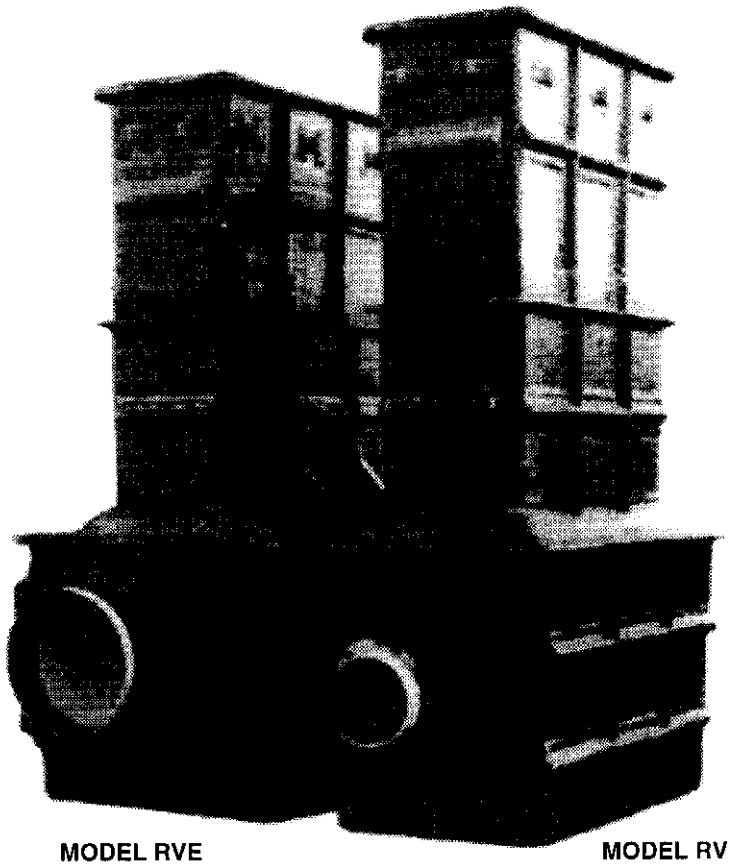
GNY EQUIPMENT, LLC

AIRCRAFT GROUND SERVICE PIT MODELS 6000RV AND 6000RVE

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES



OPTIONAL EXTENDED DEPTH AND SIDE EXTENSION SHOWN.



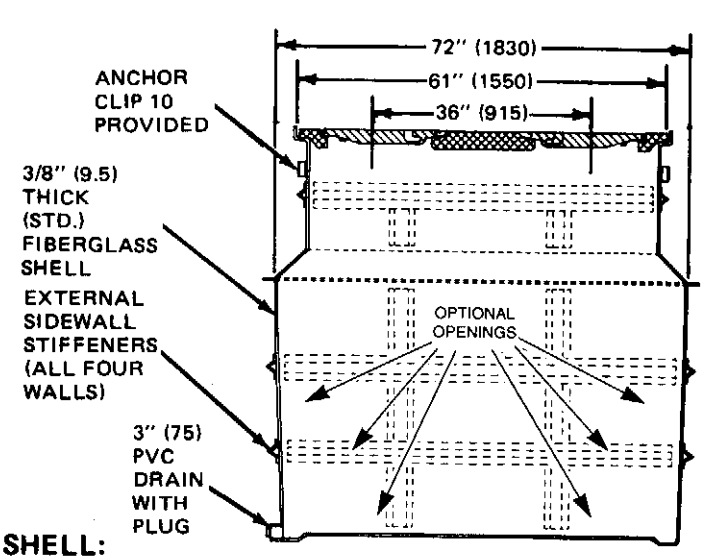
MODEL RVE **MODEL RV**

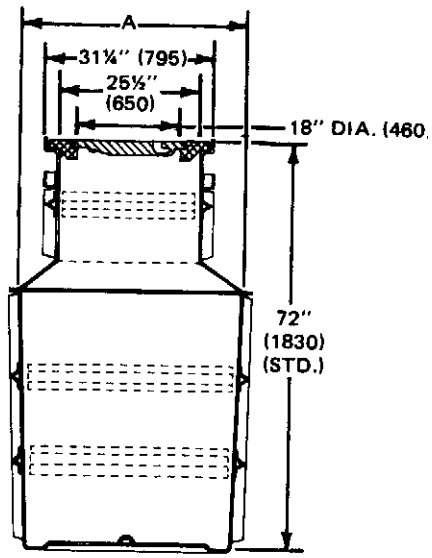
The standard Model 6000RV and 6000RVE pits each consist of a three piece cast aluminum cover assembly and a one piece molded fiberglass shell with an enlarged lower section, pipe collar, flexible fuel-resistant boot type seal, and stainless steel clamps. The shell entrance(s) can be located in bottom, sides or ends depending upon application.

APPLICATIONS:

FUEL HYDRANT	For all commercial and military aviation fuel hydrant valves, single or dual configuration.
ISOLATION	For pipeline isolation valves.
WATER SERVICE	For water hydrant outlets and/or water service.
COMBINATION VENT/ DRAIN	For piping system venting and draining connections used in conjunction with isolation pits (fuel, water, air).
ELECTRICAL	For 120 volt and 240 volt, 60 hertz and 400 hertz service and other various voltages and frequencies with or without transformers. Special application for communication service.
AIR START	For air start service complete with automatic valve, air start hose, coupler and coupler holder.
PRECONDITIONED AIR	For conditioned air systems.
SURGE SUPPRESSOR	For installation of surge suppressors.
MAINTENANCE AND ACCESS	For access manways into underground vaults.
SPECIAL APPLICATIONS	Consult factory for custom application.

GNY EQUIPMENT, LLC





DIMENSION "A"
6000 RV 38" (965 mm)
6000 RVE 48" (1220 mm)

SHELL:

The Model 6000RV and 6000RVE pit shells are a one piece molded unit. The inside dimensions of the upper shell section are 61 inches (1550mm) long by 25.5 inches (650mm) wide. The overall depth of the standard pit is 72 inches (1830mm). The expanded bottom section is available in two sizes. The enlarged sections have dimensions of 72 inches (1830mm) by 38 inches (965mm) and 72 inches (1830mm) by 48 inches (1220mm). The depth of the lower section of both models is 44.5 inches (1130mm). The shell wall is nominally three-eights (.375) inch (9.5mm) thick and has ten (10) integral brackets for concrete anchors equally spaced around the outside perimeter of the shell below the cover seat. The pit shell is a glass fiber reinforced plastic (GRP) structure composed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright, clean environment and appearance. Fluids collected in the pit may be drained through a 3 inch IPS rigid PVC pipe coupling installed in the shell's drain trough for connection to a suitable collection system.

COVER:

The pit cover is a three piece, non-skid, non-sparking assembly consisting of one stationary outer ring and two inner access covers. The inner covers can be opened a full 180 degrees with 25 Lb. (11.4 kg) single hand lifts on non-weight bearing hinges to expose two 18 inch (460mm) diameter clear openings. Each inner cover is available with cast in service identification (one inch (25mm) high by .062 inch (1.5mm) raised letters), a deep pocket handhole, and an edge fingergrip. The cover assembly is completely removable for maximum access to internal equipment. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

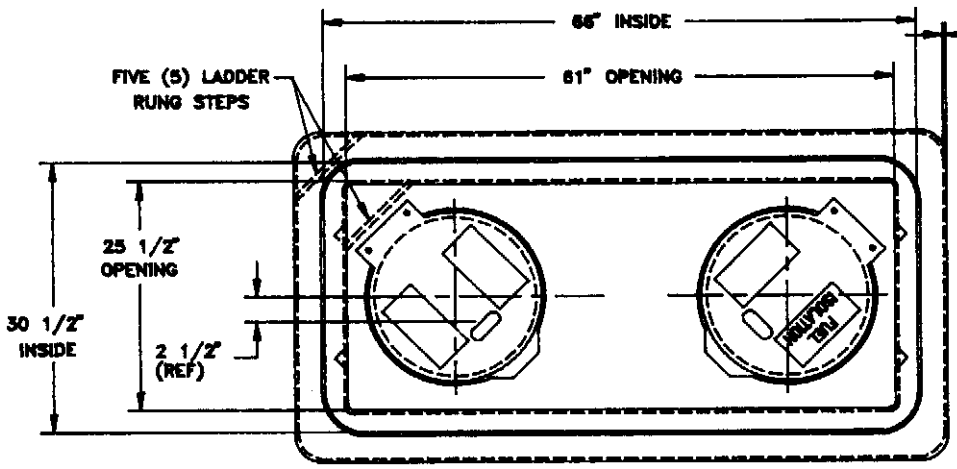
The cover assembly (part numbers 6533371 and 6533772(H) is guaranteed to withstand a dual 200,000 pound (90720 kg) load applied over two 200 square inch (1290cm2) tire footprint areas placed anywhere on it (1000 psi (70.3kg/cm2) rating). This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedure and Tables for Inspection Attributes".

OPTIONS:

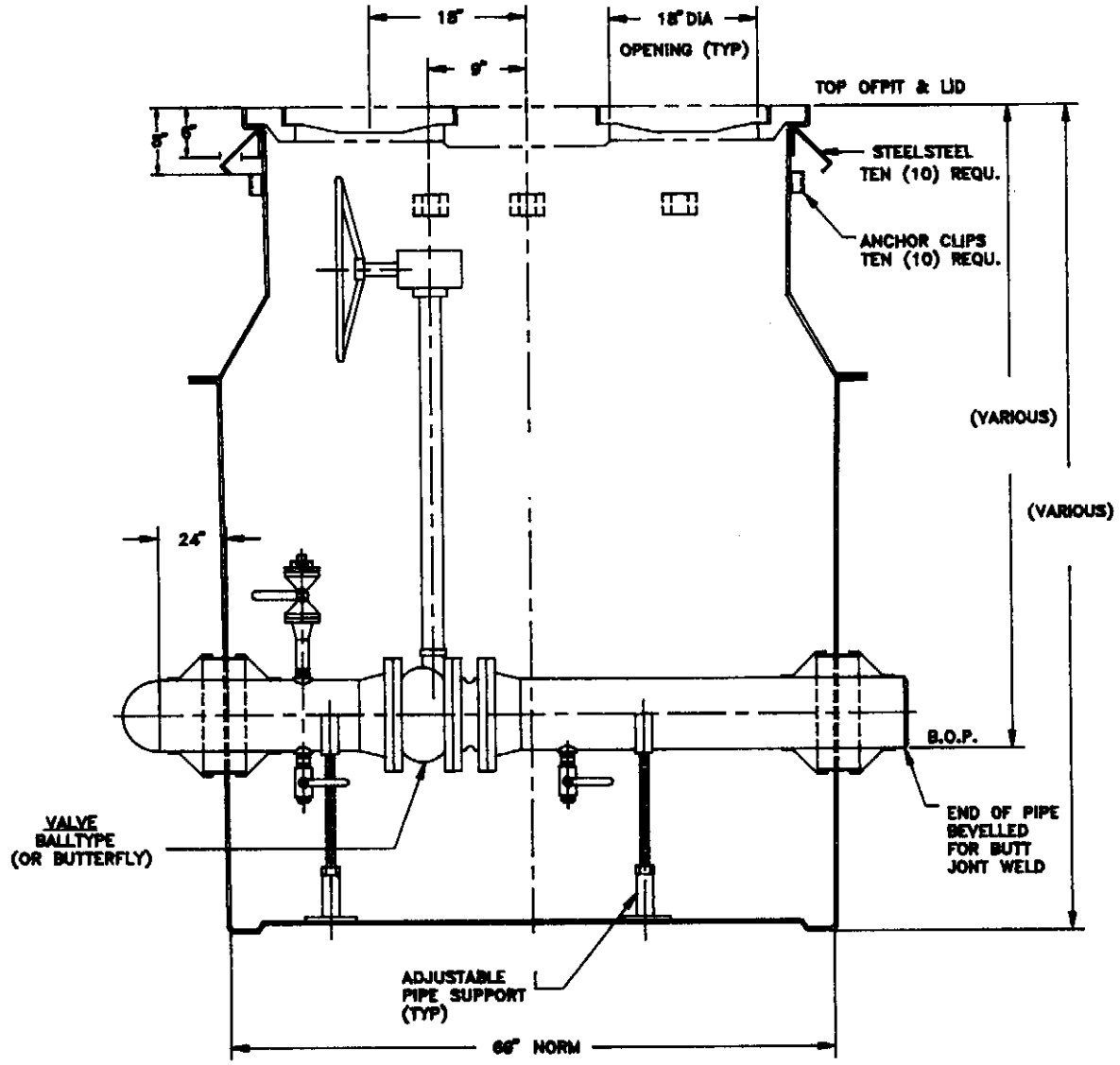
FLANGED STEEL SUPPORT FRAME FOR COVER	Integrally bonded to the fiberglass shell.
OVER-ALL-DEPTH	Presently available optional depths 78, 84, 96, 108, 120, 132, and 144 inches (1980, 2135, 2440, 2745, 3050, 3355, and 3660 mm). Other depths are available on special order.
CUSTOM SHELL CONFIGURATIONS	Side extensions available on special order.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SPLIT TOP SHELL	A special slip-fit, removable top section is available to enable a continuous concrete apron panel pour. The removable upper section is supplied with ten (10) additional integral brackets for concrete anchors. Glass fiber reinforced plastic "mud covers" are available to prevent concrete from entering the pit during the continuous concrete pours.
SHELL BOTTOM	A solid, liquid tight, flat bottom is available.
INNER COVER SEAL	Fuel resistant "O" ring seal installed in a machined groove.
COLLECTION SUMP	Provides a collection sump for use with the drain trough.



OPTION:

FIBERGLASS SKIRT SHALL BE INTEGRALLY BONDED TO THE STEEL SKIRT WITH STRUCTUAL ADHESIVE AND THE EXTERIOR SURFACE LAMINATED WITH GLASS FIBER REINFORCED PLASTIC (GRP) AND POLYESTER RESIN, PREMIUM GRADE, ALL OTHER SURFACES TO BE EPOXY COATED.

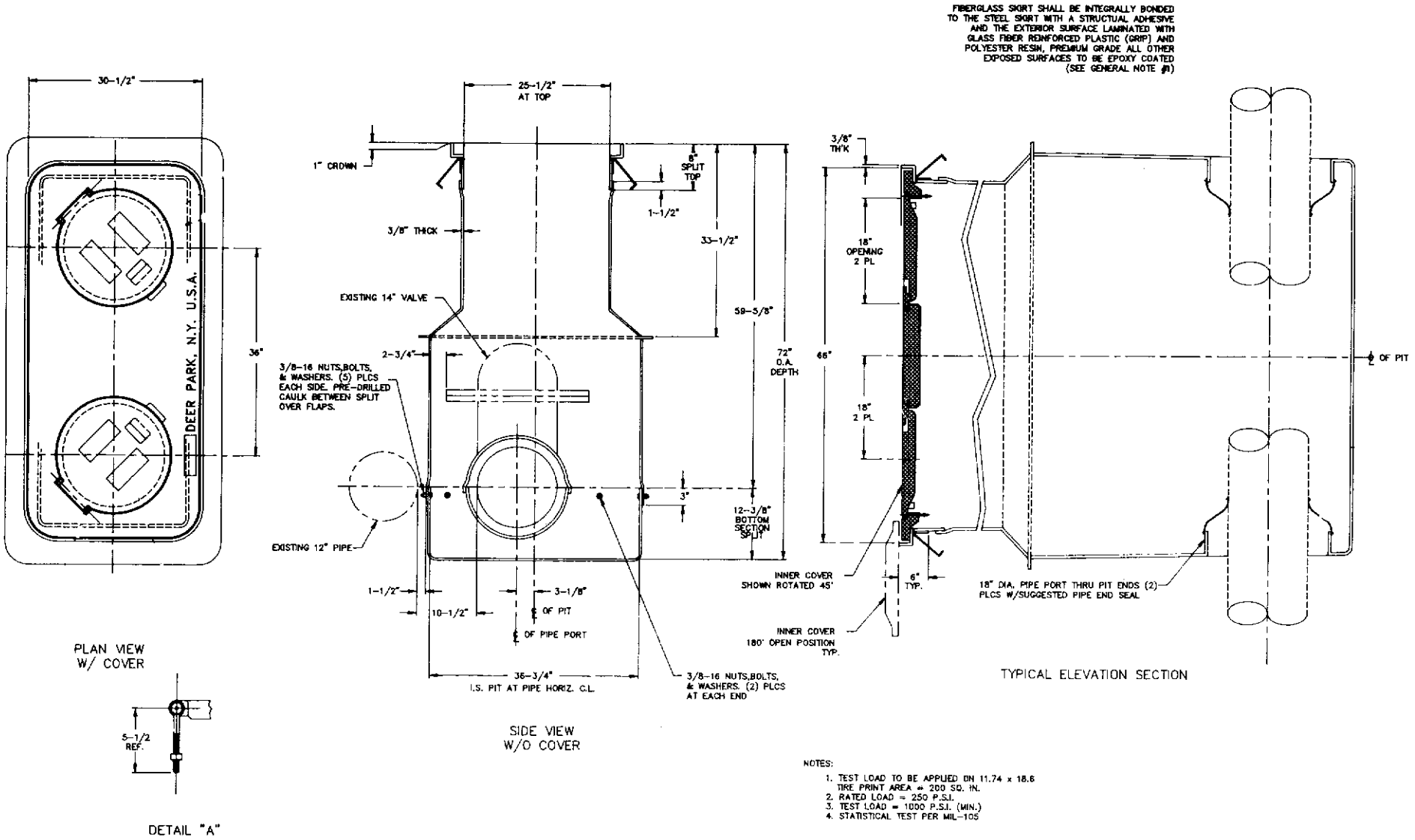
NOTES:
1. CERTIFIED TEST LOAD.
2. TEST LOAD TO BE APPLIED ON 11.74" x 18.6" TIRE PRINT AREA = 200 S.I..
3. RATED LOAD = 350 P.S.I.
4. STATISTICAL TEST PER MIL-STD-105



MODEL 6000 RV

Title: FIBERGLASS FUEL ISOLATION PIT

GNY EQUIPMENT, LLC D



NOTES:

1. TEST LOAD TO BE APPLIED ON 11.74 x 18.6 TIRE PRINT AREA = 200 SQ. IN.
2. RATED LOAD = 250 P.S.I.
3. TEST LOAD = 1000 P.S.I. (MIN.)
4. STATISTICAL TEST PER MIL-105

MODEL 6000RV

Title: ISOLATION HIGH POINT VENT PIT

GNY EQUIPMENT, LLC

NOTES:

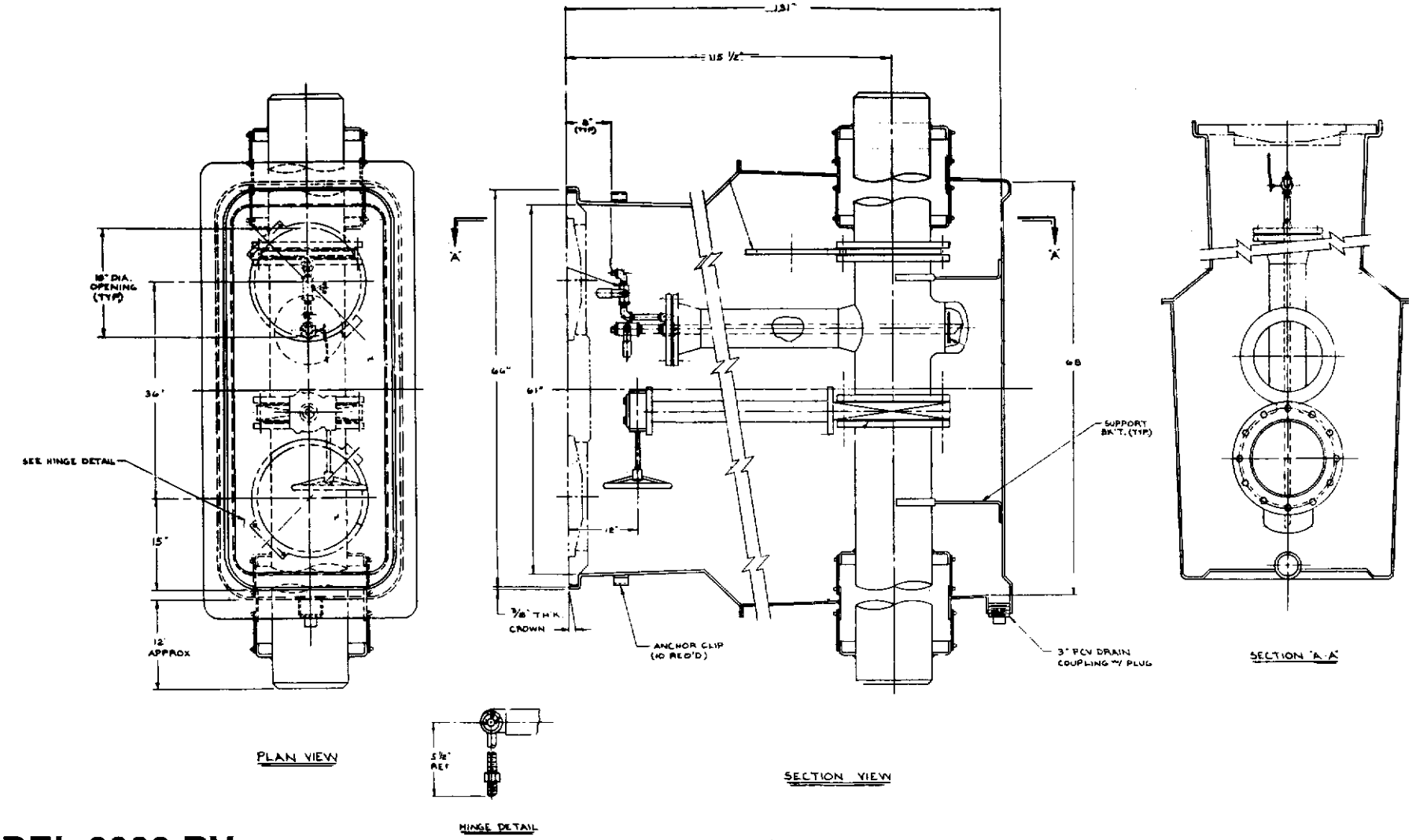
1. TOP OF OUTER AND HINGED COVER TO BE OF NON-SKID SURFACE CONSTRUCTION.
2. BOLT HOLES TO STRADDLE ℄ OF PIT.
3. ALL BUTT WELDS TO BE PER. ANSI B31.1
4. PIT PERIMETER AT INTO MANS COVERS

PIPING:

1. INTERNALLY EPOXY COATED AT FACTORY PER. SPEC.
2. EXTERNALLY COATED (BY OTHERS) PER. SPEC.

TEST NOTES:

1. CERTIFIED TEST LOAD REPORT ON FILE
2. TEST LOAD TO BE APPLIED ON (2) 11.74 x 18.8 TIRE PRINT AREA = (200 SQ. IN.)
3. RATED LOAD: 984 P.S.I. (MIN.)
4. STATISTICAL TEST PER. MIL-STD-105



MODEL 6000 RV

Title: FIBERGLASS ISOLATION LOW POINT DRAIN PIT

GNY EQUIPMENT, LLC

NOTES:

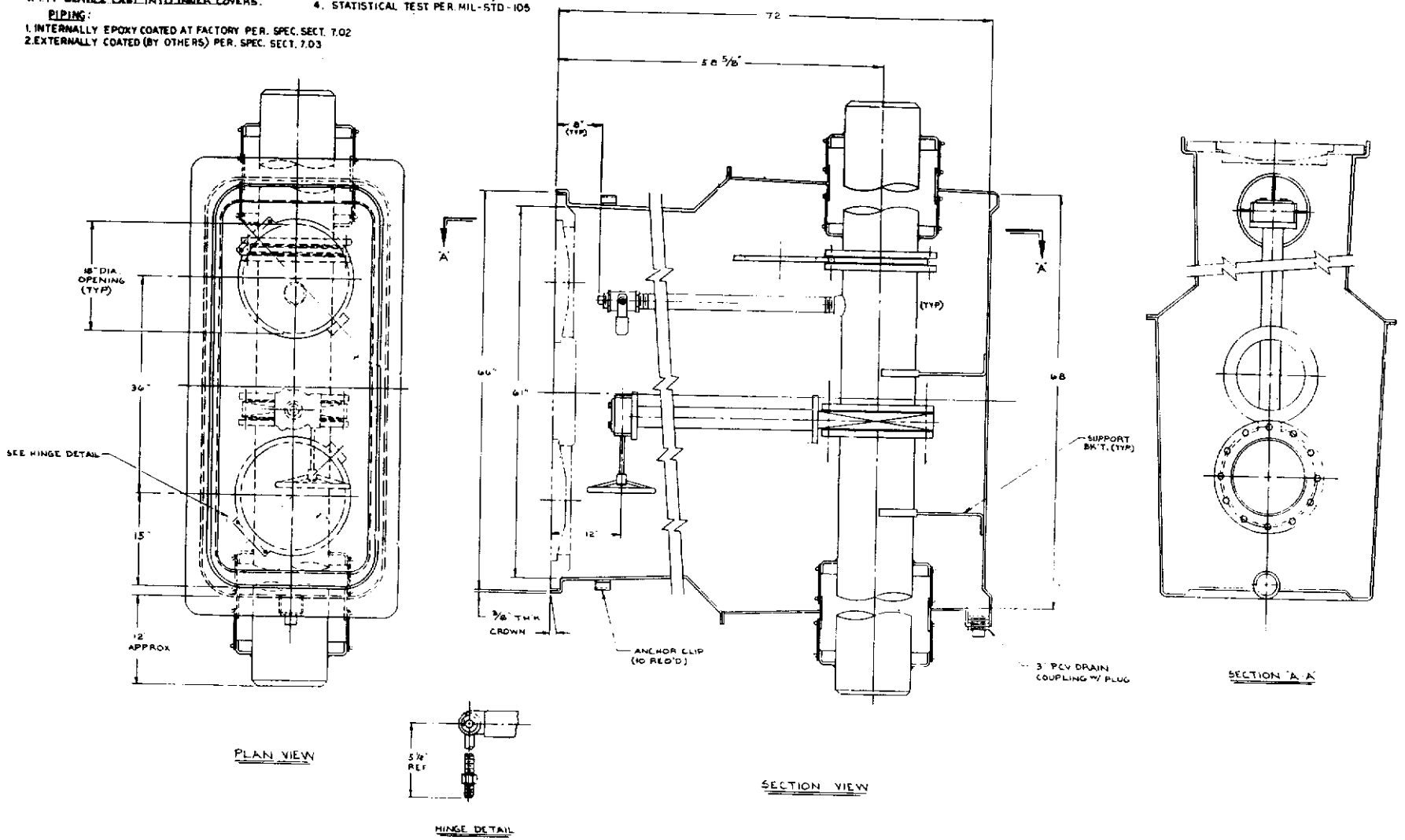
1. TOP OF OUTER AND HINGED COVER TO BE OF NON-SKID SURFACE CONSTRUCTION.
2. BOLT HOLES TO STRADDLE ℄ OF PIT.
3. ALL BUTT WELDS TO BE PER. ANSI B31.1
4. PIT SERVICE CAST INTO INNER COVERS.

PIPING:

1. INTERNALLY EPOXY COATED AT FACTORY PER. SPEC. SECT. 7.02
2. EXTERNALLY COATED (BY OTHERS) PER. SPEC. SECT. 7.03

TEST NOTES:

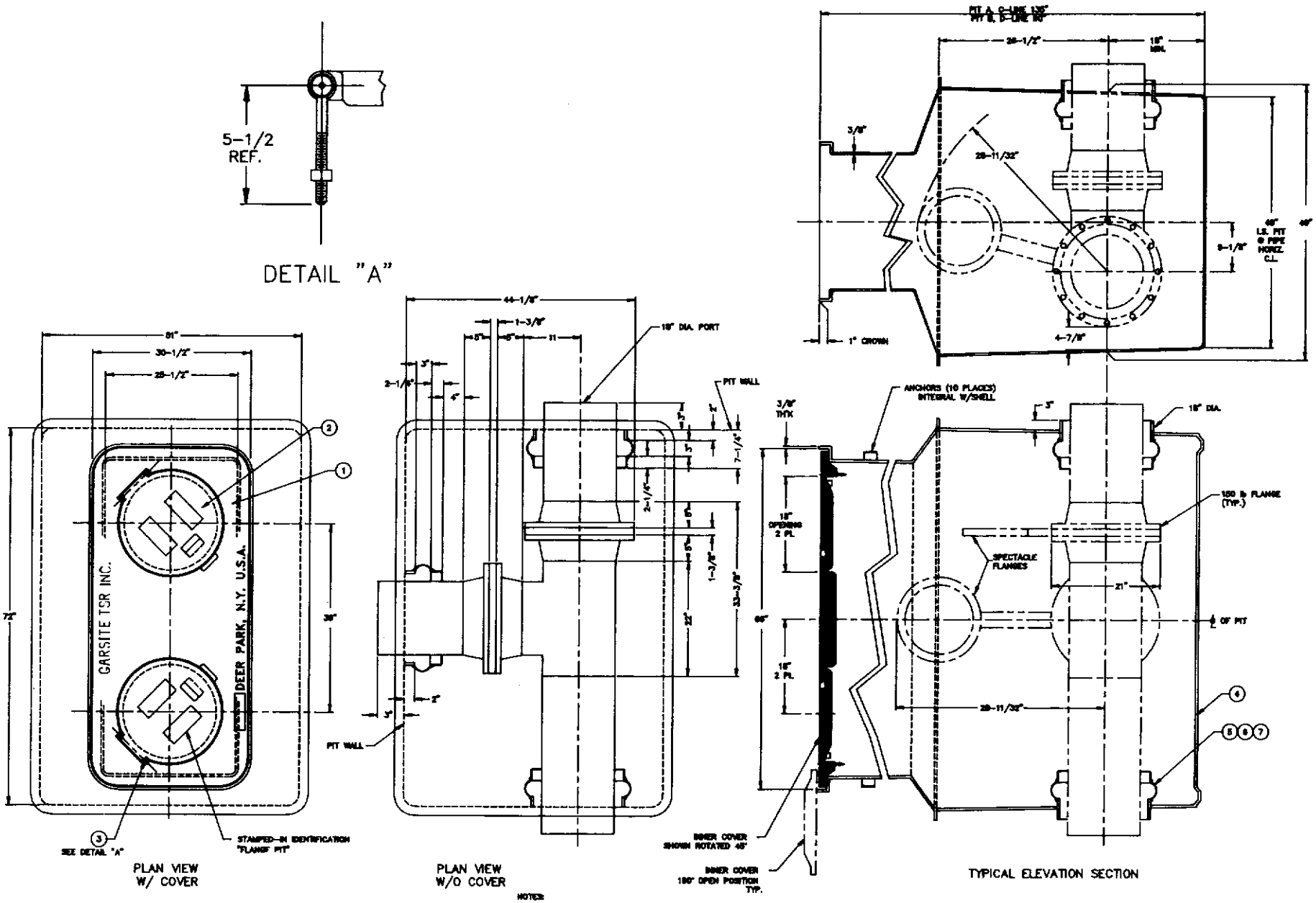
1. CERTIFIED TEST LOAD REPORT ON FILE.
2. TEST LOAD TO BE APPLIED ON (2) 11.74 x 10.6 TIRE PRINT AREA = (200 SQ. IN.)
3. RATED LOAD: 984 P.S.I. (MIN.)
4. STATISTICAL TEST PER. MIL-STD-105



MODEL 6000RV

Title: FIBERGLASS ISOLATION HIGH POINT VENT PIT

GNY EQUIPMENT, LLC



NOTES:
1. TEST LOAD TO BE APPLIED ON 11.74 x 18.8 TIRE PRINT AREA – 200 SQ. IN. (SINGLE & DUAL)
2. RATED LOAD = 250 P.S.I.
3. TEST LOAD = 1000 P.S.I. (MIN.)
4. STATISTICAL TEST PER MIL-105

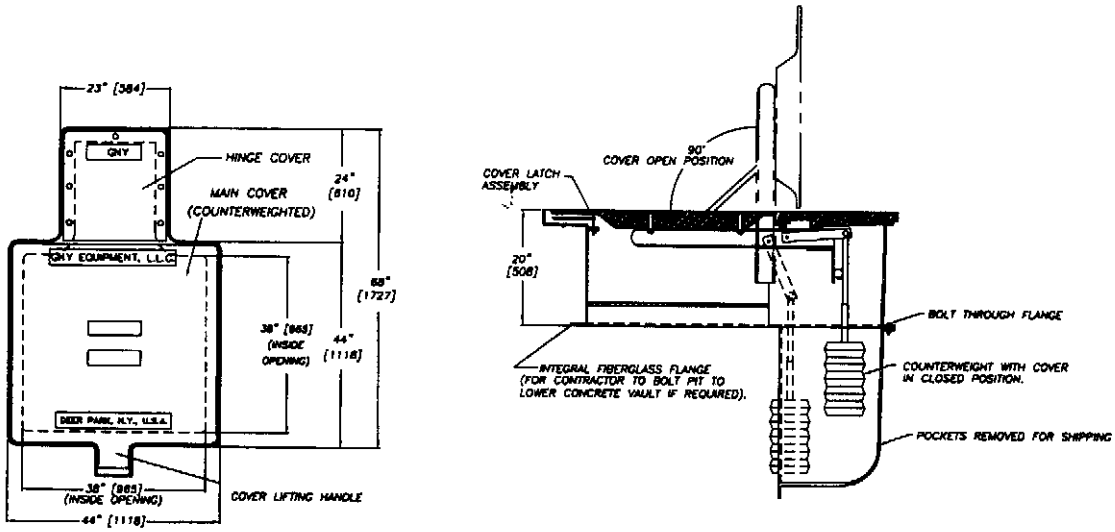
MODEL 6000 RVE

Title: FLANGE PIT FOR 14" PIPE

GNY EQUIPMENT, LLC

AIRCRAFT GROUND SERVICE PIT
MODEL 7038

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES



The Model 7038 pit consists of a two-piece cast aluminum cover assembly and a one-piece molded fiberglass shell. The standard pit is supplied with open-bottom shell for access manway into underground vaults. The main cover is hinged and counterweighted for ease of opening to expose a large square 38 inch opening.

SHELL:

The Model 7038 pit shell is a one-piece molded unit. The inside square dimension of the main body is 38 inches (965mm) by depth dictated by concrete vault design (typically the depth is equal to the concrete vault's ceiling thickness). The shell wall is nominally ½ inch (13mm) thick and has eight (8) integral brackets for concrete anchors equally spaced around the outside of the shell below the cover seat. The pit shell is a glass fiber reinforced plastic (GRP) structure composed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel cat having a white pigment to provide a bright clean environment and appearance.

COVER:

The pit cover is a two-piece, non-skid, non-sparking assembly consisting of a small stationary "hinge" cover and a large counterweighted main cover which can open to 90 degrees on weight bearing hinges. The main cover can be unlatched and opened with a single hand lift to expose a square 38 inch (965mm) clear opening. The unique operating mechanism, which is contained in the back extension, leaves the main body clear for service equipment located near the underside of the main cover. Each main cover is available with cast service identification in recessed lettering 2 inches (51mm) high by 1/16 inch (2mm) deep. The cover assembly is completely removable for maximum access to internal equipment. Each cover is manufactured from aluminum alloy provides high strength, excellent machinability, and ductlity, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

The covers are guaranteed to withstand a 200,000 (90,720kg) load applied over a 200 square inch (1290cm²) tire footprint area placed anywhere on them [1000 psi (70.3kg/cm²) ultimate load rating]. This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

All covers are proof load tested and evaluated in accordance with the United states Military standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

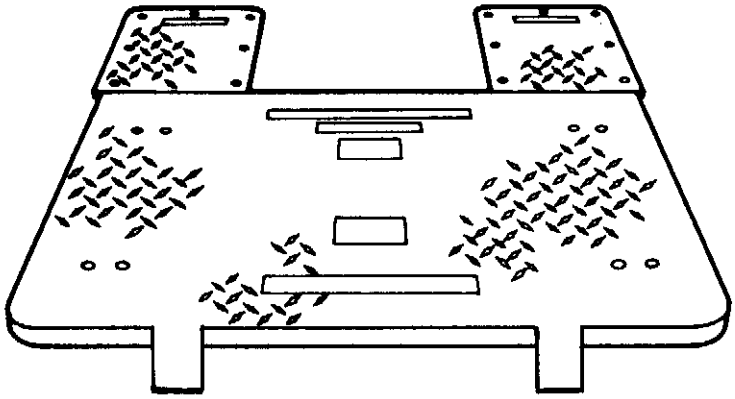
OPTIONS:

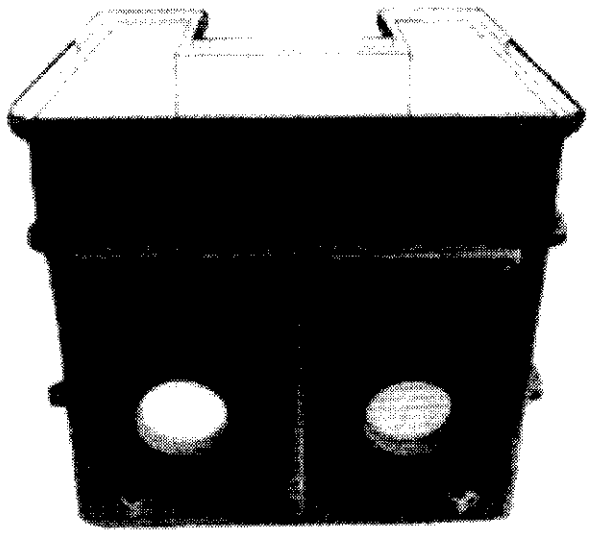
For special configurations, consult factory.

GNY EQUIPMENT, LLC

AIRCRAFT GROUND SERVICE PIT
MODEL 8000

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES

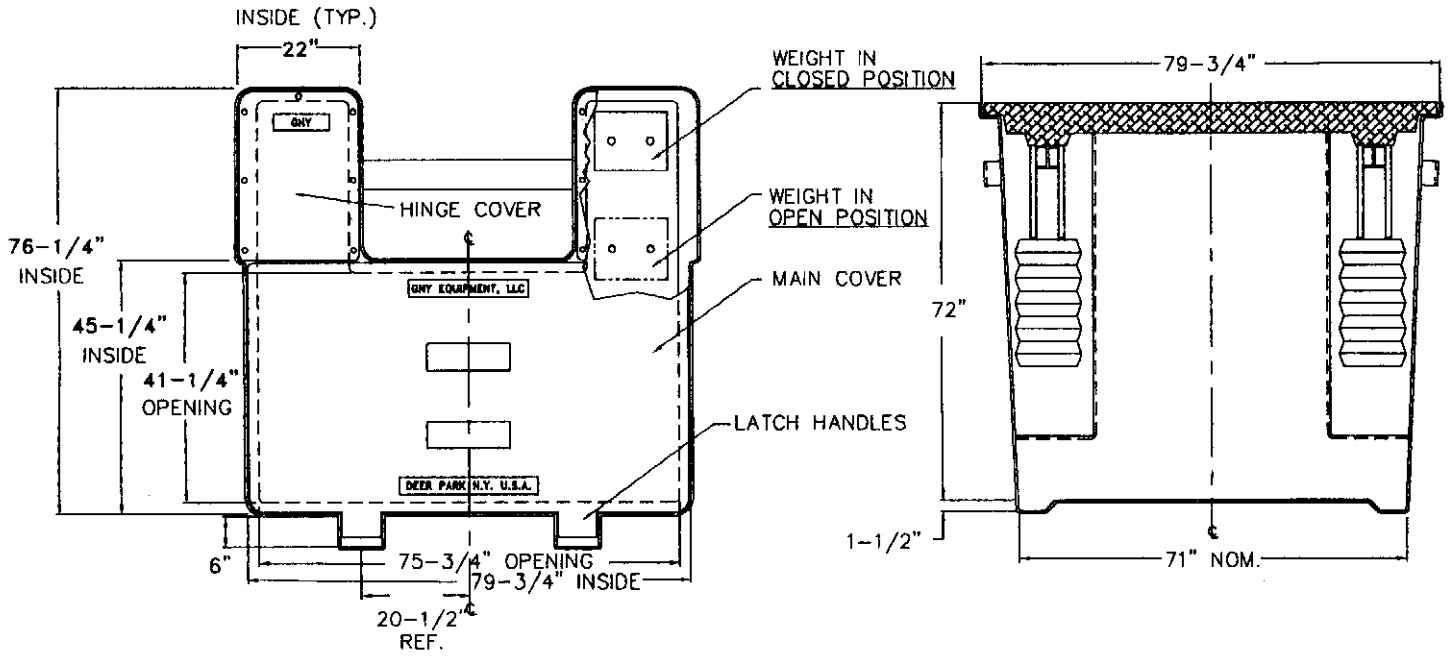




The standard Model 8000 pit consists of a three piece cast aluminum cover assembly and a one piece molded fiberglass shell. The shell entrance(s) can be located in bottom, sides or ends, depending upon application. The main cover is hinged and counterweighted for ease of opening to expose a large rectangular opening.

APPLICATIONS:

FUEL HYDRANT	For all commercial and military aviation fuel hydrant valves, single or dual configuration.
ISOLATION	For pipeline isolation valves.
WATER SERVICE	For water hydrant outlets and/or water service.
ELECTRICAL	For 120 volt and 240 volt, 60 hertz and 400 hertz service and other various voltages and frequencies with or without transformers. Special application for communication service.
SURGE SUPPRESSOR	For installation of surge suppressors.
MAINTENANCE AND ACCESS	For access manways into underground vaults.
SPECIAL APPLICATIONS	Consult factory for custom application.



SHELL:

The Model 8000 pit shell is a one piece molded unit. The inside dimensions of the shell are 75.75 inches (1925mm) long by 41.25 inches (1050mm) wide and 72 inches (1830mm) deep. The shell wall is nominally one-half (.50) inch (12.7mm) thick and has ten (10) integral brackets for concrete anchors equally spaced around the outside perimeter of the shell below the cover seat. The pit shell is a glass fiber reinforced plastic (GRP) structure composed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright, clean environment and appearance.

COVER:

The pit cover is a three piece, non-skid, non-sparking, assembly consisting of two small stationary "hinge" covers and a large main cover which can open to 85 degrees on weight bearing hinges. The main cover can be opened with a 25 pound (11.4 kg) single hand lift to expose a 75.75 inch by 41.25 inch (1925mm by 1050mm) clear opening. A U.S. patent is pending for the unique operating mechanism. Each main cover is available with cast in service identification (one inch (25mm) high by .062 inch (1.5mm) raised letters). The cover assembly is completely removable for maximum access to internal equipment. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

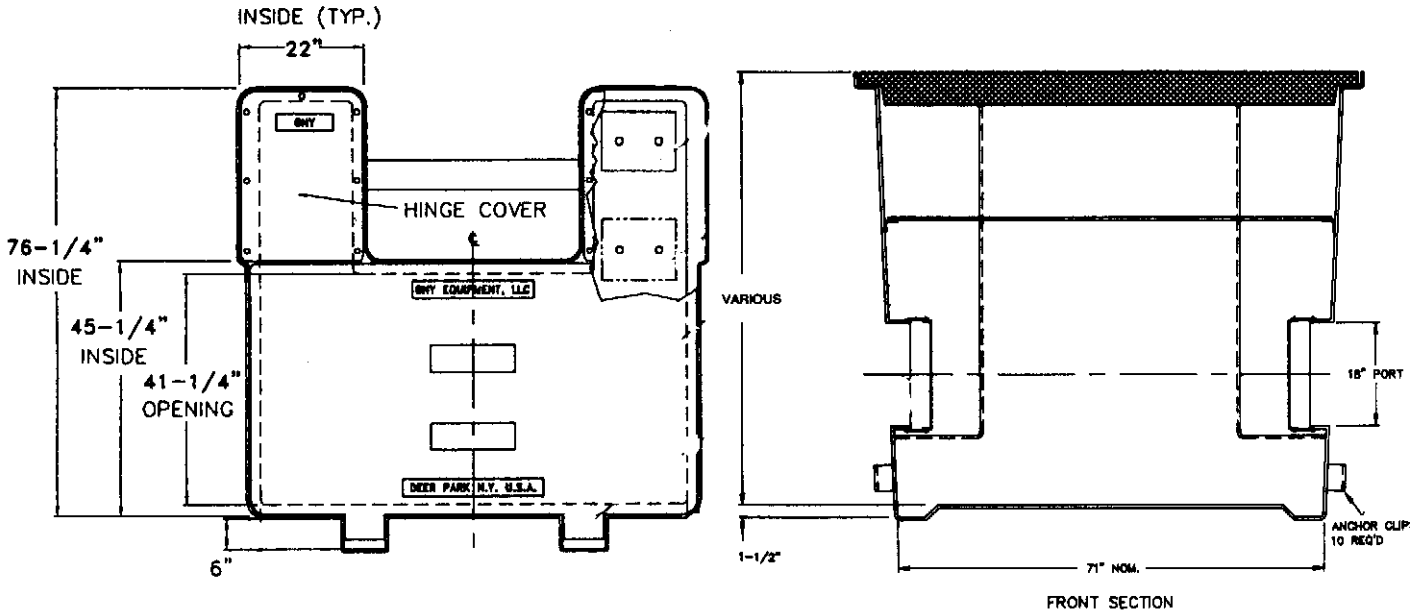
The covers are guaranteed to withstand single or dual 200,000 pound (90720 kg) loads each applied over a 200 square inch (1290cm2) tire footprint area placed anywhere on them (1000 psi (70.3kg/cm2) rating). This represents a 4 to 1 safety factor.

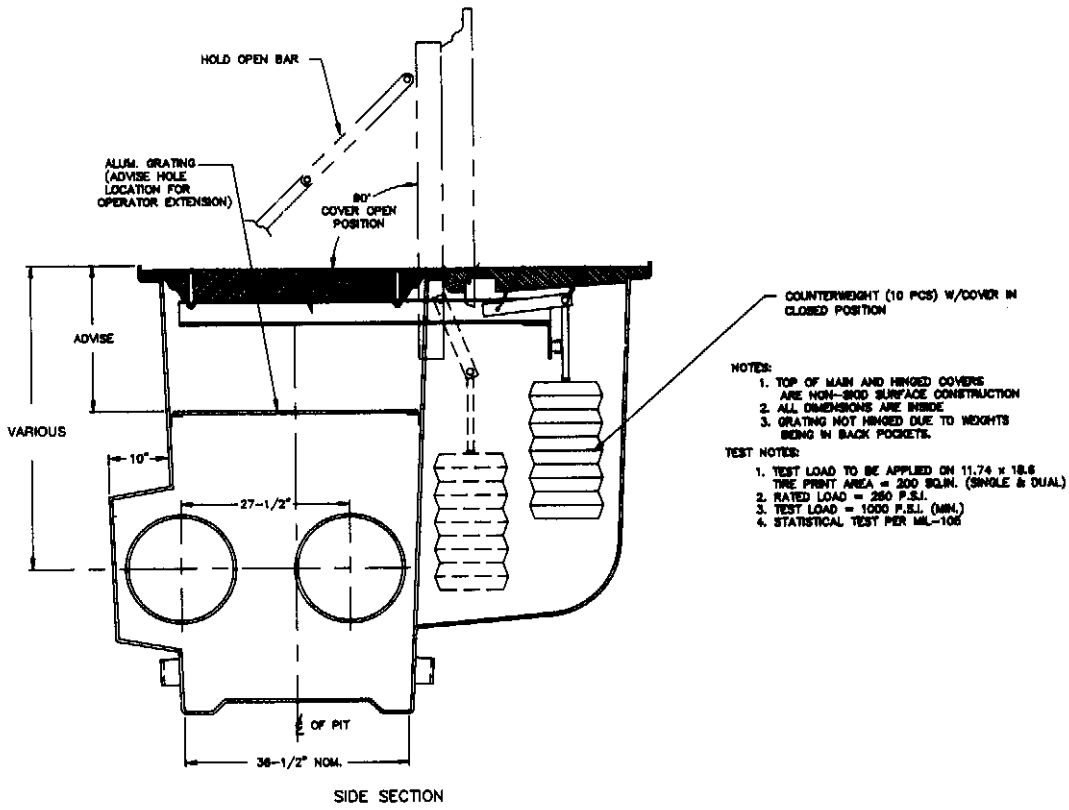
QUALITY ASSURANCE:

All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

OPTIONS:

OVER-ALL-DEPTH	Presently available optional depths 96, 108 and 120 inches (2440, 2745, and 3050mm). Other depths are available on special order.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SPECIAL CONFIGURATIONS	Consult factory.





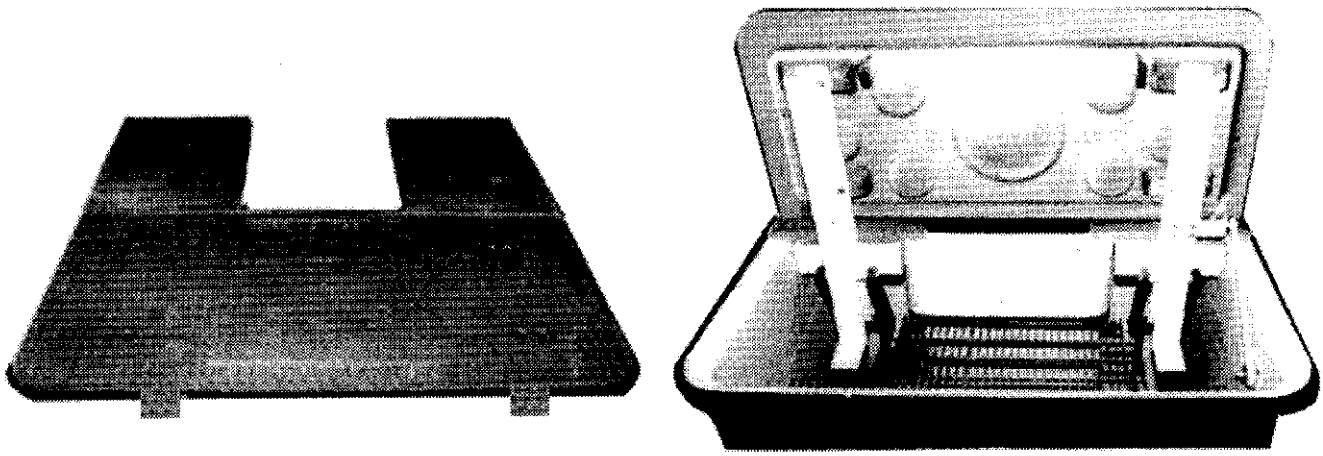
MODEL 8000

Title: FUEL ISOLATION VALVE PIT

GNY EQUIPMENT, LLC

AIRCRAFT GROUND SERVICE PIT
MODEL 9000

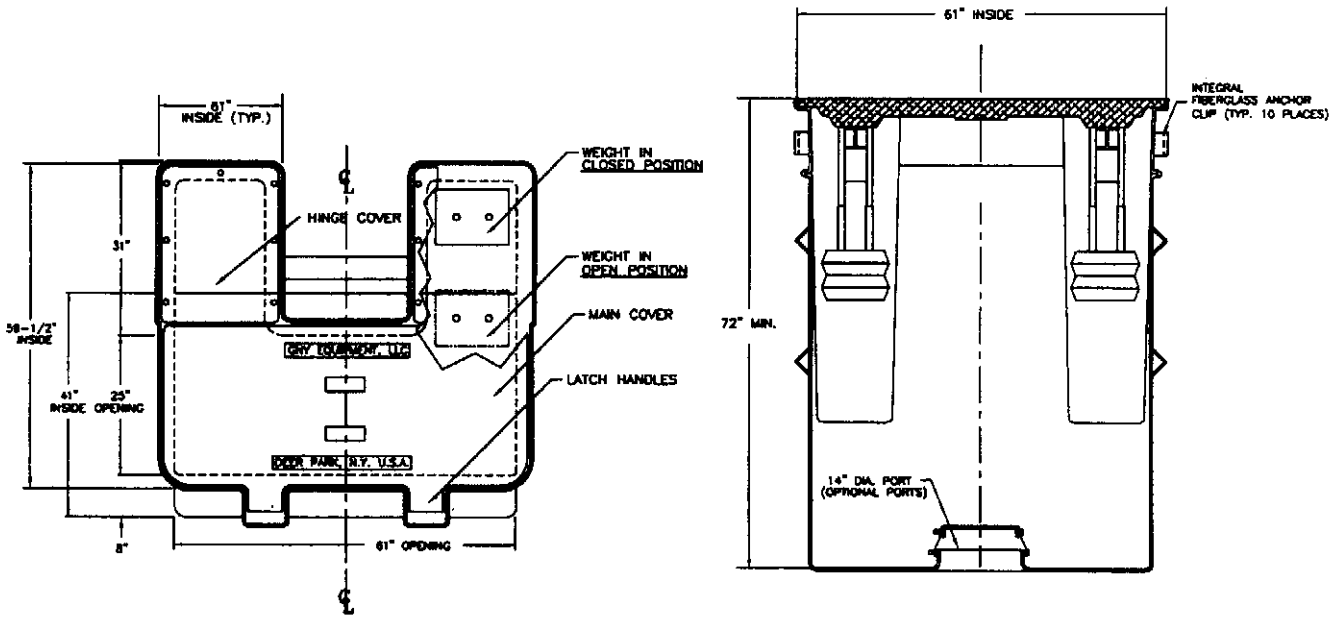
FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES



The standard Model 9000 pit consists of a three piece cast aluminum cover assembly and a one piece molded fiberglass shell. The shell entrance(s) can be located in bottom, sides or ends, depending upon application. The main cover is hinged and counterweighted for ease of opening to expose a large rectangular opening.

APPLICATIONS:

FUEL HYDRANT	For all commercial and military aviation fuel hydrant valves, single or dual configuration.
ISOLATION	For pipeline isolation valves.
WATER SERVICE	For water hydrant outlets and/or water service.
ELECTRICAL	For 120 volt and 240 volt, 60 hertz and 400 hertz service and other various voltages and frequencies with or without transformers. Special application for communication service.
SURGE SUPPRESSOR	For installation of surge suppressors.
MAINTENANCE AND ACCESS	For access manways into underground vaults.
SPECIAL APPLICATIONS	Consult factory for custom application.



SHELL

The Model 9000 pit shell is a one piece molded unit. The inside dimensions of the expanded main body are 61 inches (1549mm) long by 41 inches (1041mm) wide and 72 inches (1830mm) deep. The shell wall is nominally one-half (.50) inch (12.7mm) thick and has ten (10) integral brackets for concrete anchors equally spaced around the outside perimeter of the shell below the cover seat. The pit shell is a glass fiber reinforced plastic (GRP) structure comosed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright, clean environment and appearance.

COVER:

The pit cover is a three piece, non-skid, non-sparking assembly consisting of two small stationary "hinge" covers and a large main cover which can open to 85 degrees on weight bearing hinges. The main cover can be opened with a single hand lift to expose 61 inch by 25.5 inch (1550mm by 648mm) clear opening. The unique operating mechanism which is contained in the back extensions leave the main body clear so that piping can be run through the pit from end to end as well as from front to back at shallow depths without any interference from the weighted arms. Each main cover is available with cast in service identification (one inch (25mm) high by .062 inch (1.5mm) raised letters). The cover assembly is completely removable for maximum access to internal equipment. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specifications (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance and uniform material properties throughout the casting.

LOAD RATING:

The covers are guaranteed to withstand single or dual 200,000 pound (90720 kg) loads each applied over a 200 square inch (1290cm2) tire footprint area placed anywhere on them (1000 psi (70.3kg/cm2) rating). This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

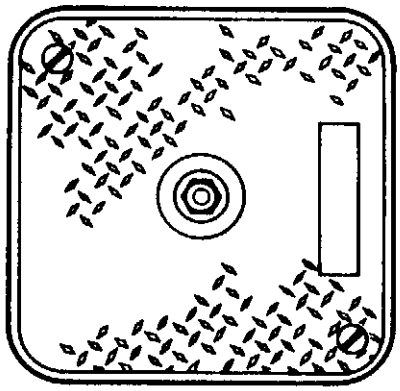
All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

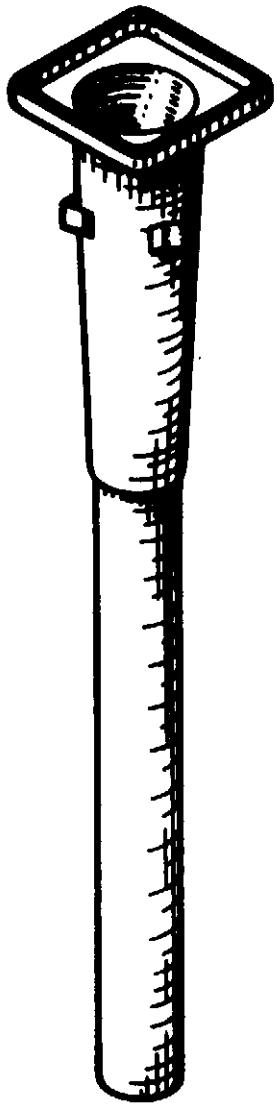
OPTIONS:

OVER-ALL-DEPTH	Presently available optional depths 96, 108 and 120 inches (2440, 2745, and 3050mm). Other depths are available on special order.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SPECIAL CONFIGURATIONS	Consult factory.

AIRCRAFT GROUND SERVICE PIT
MODEL GD–360–CB

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES





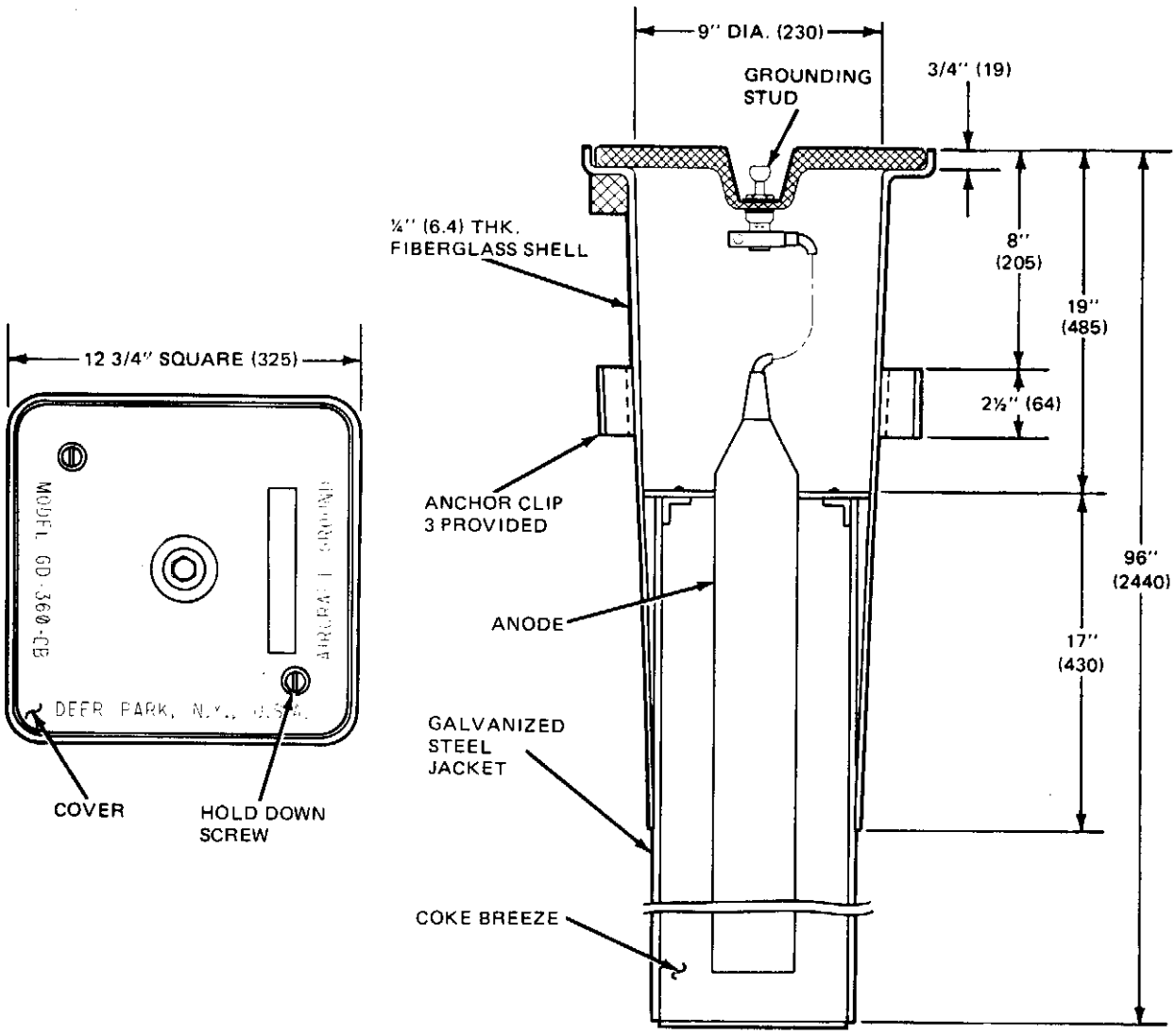
The standard Model GD-360-CB pit consists of a one piece cast aluminum cover assembly and a two piece shell consisting of molded fiberglass and a lower galvanized steel tube.

APPLICATIONS:

GROUNDING For static grounding.

SHELL:

The Model GD-360-CB pit shell is a two piece design. The inside dimensions of the upper fiberglass shell are 9 inches (230 mm) in diameter by 36 inches (915 mm) deep. The upper shell wall is nominally one-quarter (.25) inch (6.4 mm) thick and has three (3) integral brackets for concrete anchors equally spaced around the outside circumference of the shell below the cover seat. The pit shell is a glass fiber reinforced plastic (GRP) structure composed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright, clean environment and appearance. The lower shell is a galvanized steel tube which is sealed on the bottom and fastened to the fiberglass upper section.



COVER:

The pit cover is a one piece, bolt-down, completely removable, non-sparking assembly with an integral grounding ball. The brass ball is insulated from the aluminum cover. The cover is available with a service identification area and manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

INTERNAL COMPONENTS:

A three (3) inch (75mm) diameter by 60" long linseed oil impregnated carbon rod embedded in coke breeze housed in a galvanized tube. The carbon rod is attached to the brass ball in the cover by an internal ground cable.

LOAD RATING:

The cover assembly (part number 6533610) is guaranteed to withstand a single 150,000 pound (68040 kg) load applied over a 200 square inch (1290 cm2) tire footprint area placed anywhere on it (750 psi (52.7kg/cm2) rating). This represents a 3 to 1 safety factor.

QUALITY ASSURANCE:

All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

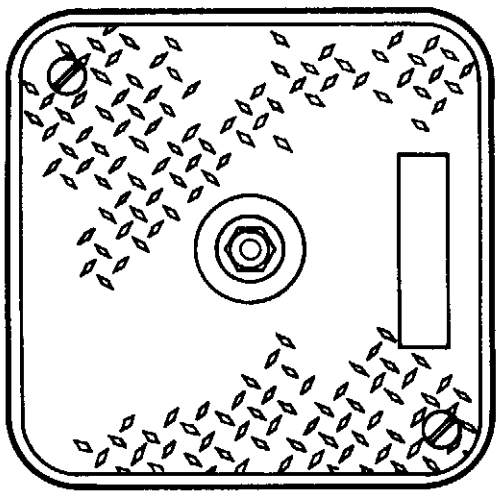
OPTION:

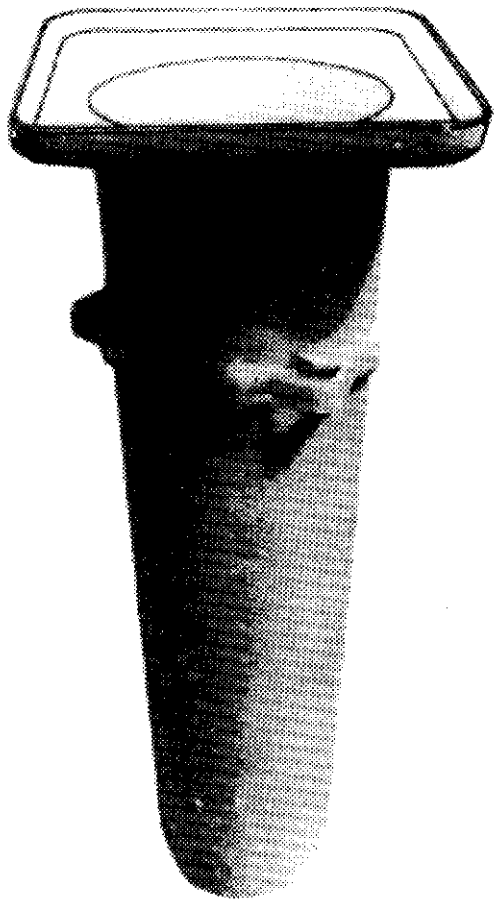
FLANGED STEEL SUPPORT FRAME FOR COVER — Integrally bonded to the fiberglass shell.

GNY EQUIPMENT, LLC

AIRCRAFT GROUND SERVICE PIT
MODEL GD-360-10

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES





The standard Model GD-360-10 pit consists of a one piece cast aluminum cover assembly and a one piece molded fiberglass shell having a 9 inch (230 mm) nominal inside diameter, with a 10' ground rod and cable.

APPLICATIONS:

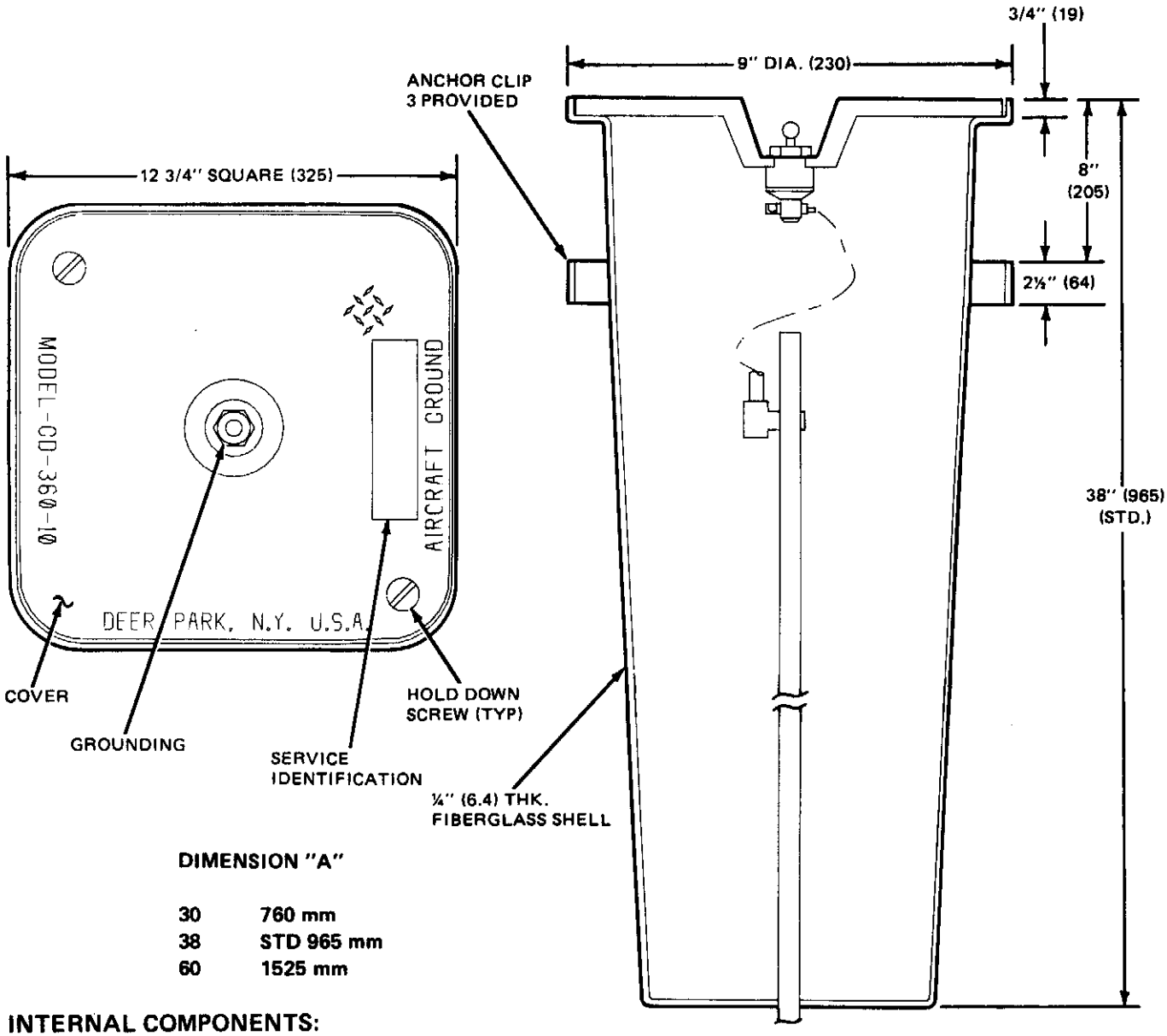
GROUNDING	For grounding rod installation.
SPECIAL APPLICATIONS	Consult factory for custom application.

SHELL:

The Model GD-360-10 pit shell is a one piece molded design. The inside dimensions of the shell are 9 inches (230 mm) in diameter by 38 inches (965 mm) deep. The shell wall is nominally one-quarter (.25) inch (6.4 mm) thick and has three (3) integral brackets for concrete anchors equally spaced around the outside circumference of the shell below the cover seat. The pit shell is a glass fiber reinforced plastic (GRP) structure composed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright, clean environment and appearance.

COVER:

The pit cover is a one piece, bolt-down, completely removable, non-sparking assembly with an integral grounding ball. The brass ball is insulated from the aluminum cover. The cover is available with a service identification area and is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.



DIMENSION "A"

30	**760 mm**
38	**STD 965 mm**
60	**1525 mm**

INTERNAL COMPONENTS:

The standard pit includes a 3/4 inch (19.0 mm) diameter 10 foot (3050 mm) long copper clad grounding rod.

LOAD RATING:

The cover assembly (part number 6533610) is guaranteed to withstand a single 150,000 pound (68040 kg) load applied over a 200 square inch (1290 cm2) tire footprint area placed anywhere on it (750 psi (52.7kg/cm2) rating). This represents a 3 to 1 safety factor.

QUALITY ASSURANCE:

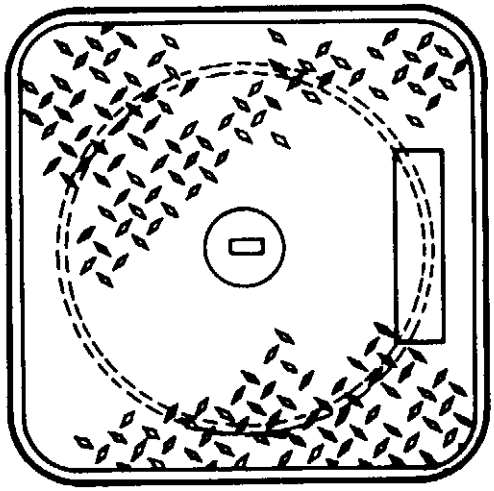
All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

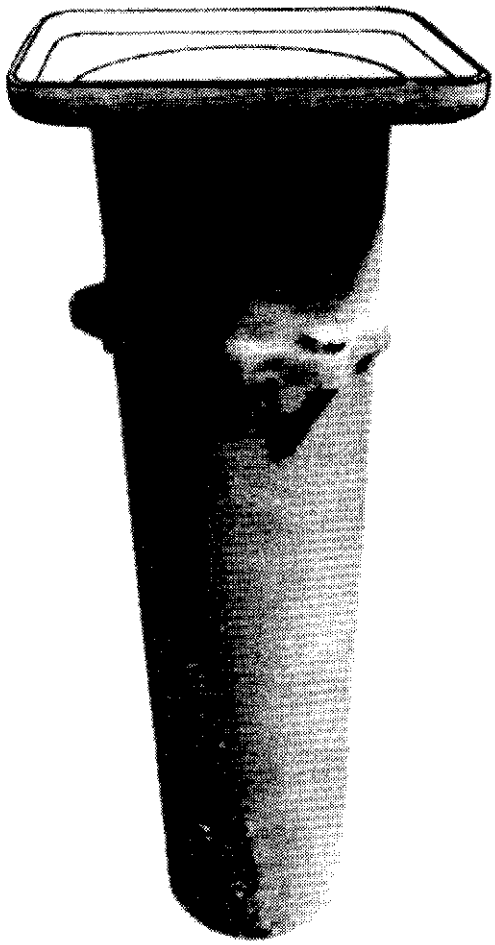
OPTIONS:

OVER-ALL DEPTH	Presently available optional depths are 30 and 60 inches (760 and 1525 mm). Other depths are available on special order.
SPLIT TOP SHELL	A special slip-fit, removable top section is available to enable a continuous concrete apron panel pour. Glass fiber reinforced plastic "mud covers" are available to prevent concrete from entering the pit during the continuous concrete pours.
ROD LENGTH	Other lengths can be supplied – consult factory.
FLANGED STEEL SUPPORT FRAME FOR COVER	Integrally bonded to the fiberglass shell.

GNY EQUIPMENT, LLC

TEST WELL PIT
MODEL 938-TWP
FOR AIRPORT AND UNDERGROUND TRANSFER FACILITIES





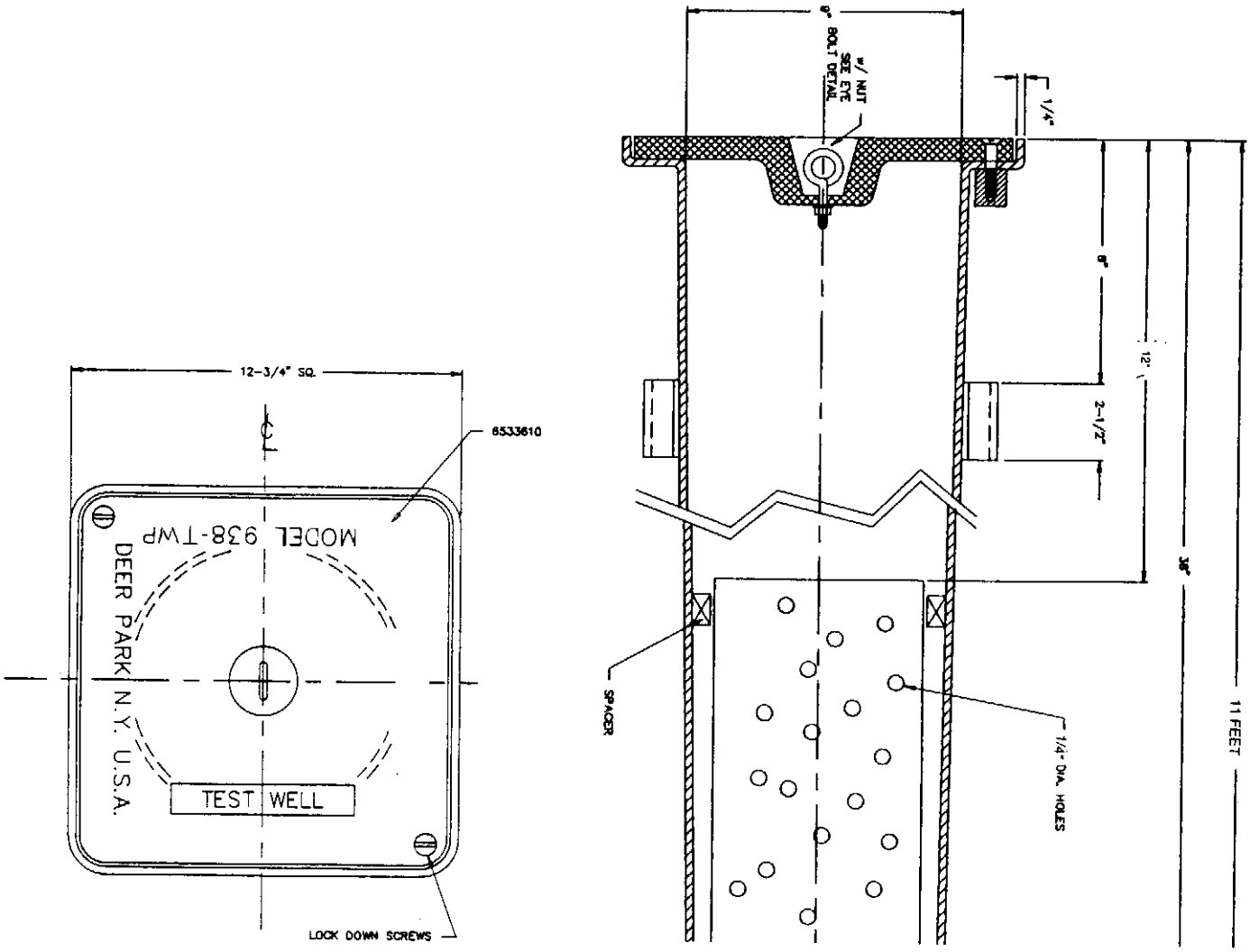
The standard Model 938-TWP pit consists of a one piece cast aluminum cover assembly and a one piece molded fiberglass shell having a 9 inch (230mm) nominal inside diameter and a 6 inch (159mm) PVC shedule 40 pipe.

APPLICATIONS:

VALVE BOX	For valve stem extension.
ACCESS	For access to cathodic protection test points and other utilities.
SPECIAL APPLICATIONS	Consult factory for custom application.

SHELL:

The Model 938 TWP pit shell is a one piece molded design. The inside dimensions of the shell are 9 inches (230mm) in diameter by 38 inches (965mm) deep. The shell wall is a nominally one-quarter (.25) inch (6.4mm) thick and has three (3) integral brackets for conrete anchors equally spaced around the outside circumference of the shell below the cover seat. The pit shell is a glass fiber reinforced plastic (GRP) structure composed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is a high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright, clean environment and appearance.



PLAN VIEW

SECTION VIEW

LOAD RATING:

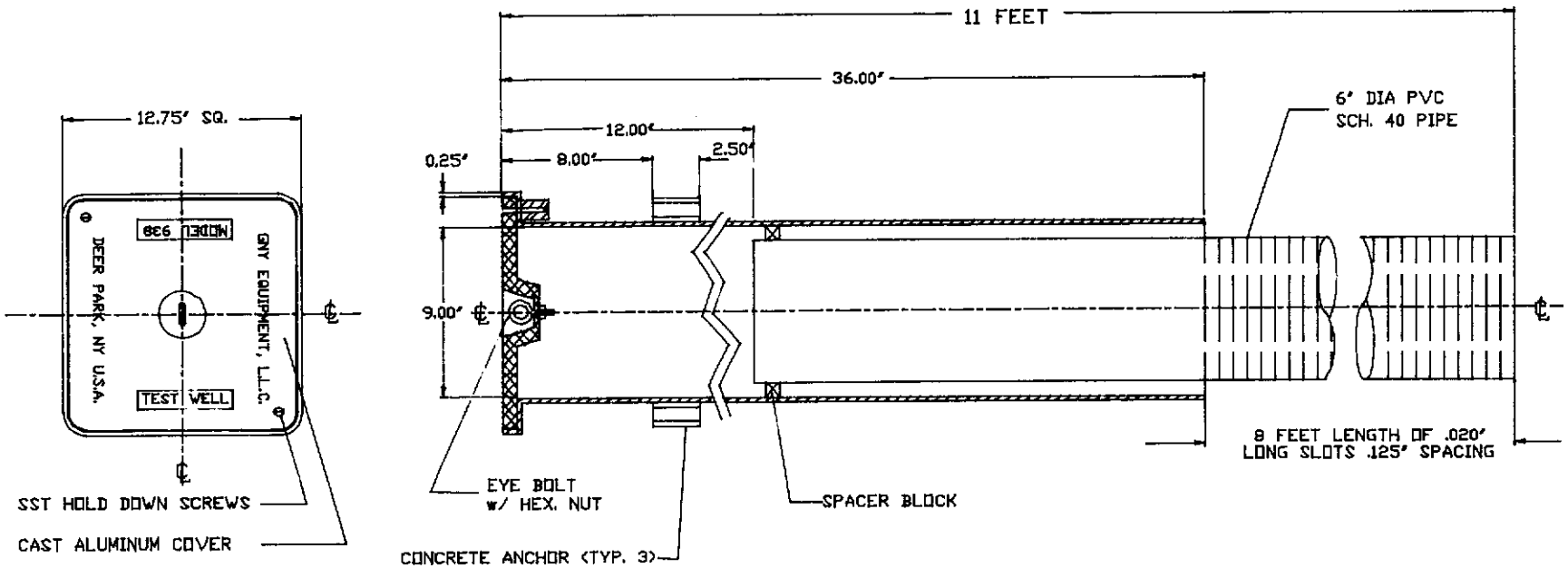
The cover assembly (part number 6533610) is guaranteed to withstand a single 150,000 pound (68040 kg) load applied over a 200 square inch (1290 cm2) tire footprint area placed anywhere on it (750 psi (52.7kg/cm2) rating). This represents a 3 to 1 safety factor.

QUALITY ASSURANCE:

All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

OPTIONS:

OVER-ALL-DEPTH	Other depths are available on special order.
SPILT TOP SHELL	A special slip-fit, removable top section is available to enable a continous concrete apron panel pour. Glass fiber reinforced plastic "mud covers" are available to prevent concrete from entering the pit during the continuous concrete pours.
FLANGED STEEL SUPPORT FRAME FOR COVER	Integrally bonded to the fiberglass shell.



PLAN VIEW

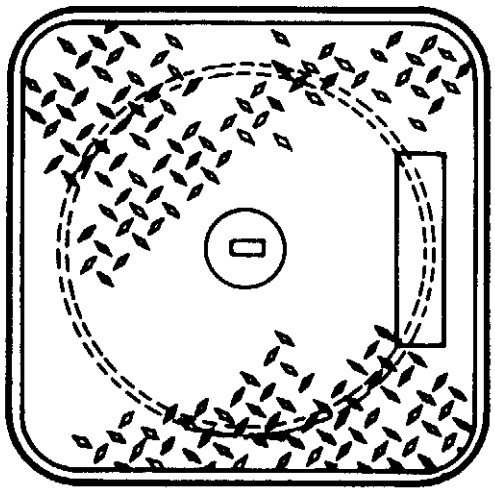
SECTION VIEW

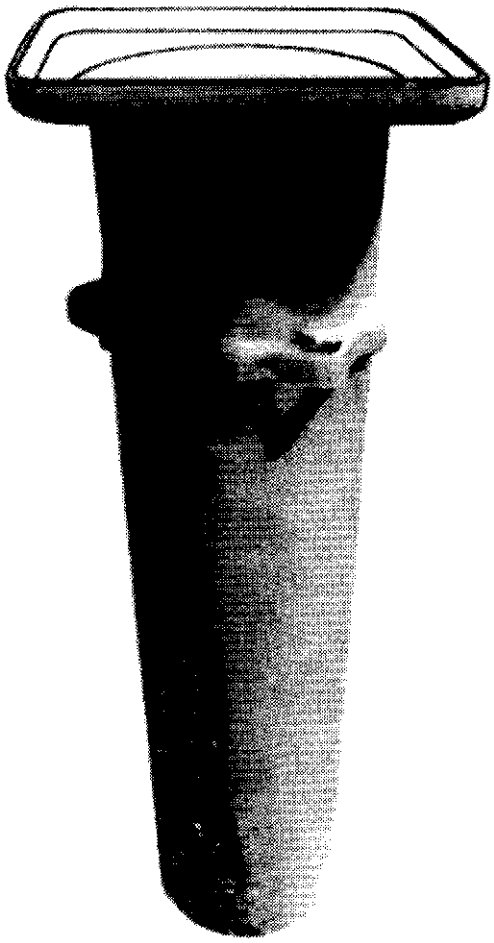
MODEL 938 TWP
Title: TEST WELL PIT

GNY EQUIPMENT, LLC

AIRCRAFT GROUND SERVICE PIT
MODEL 938-UP

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES





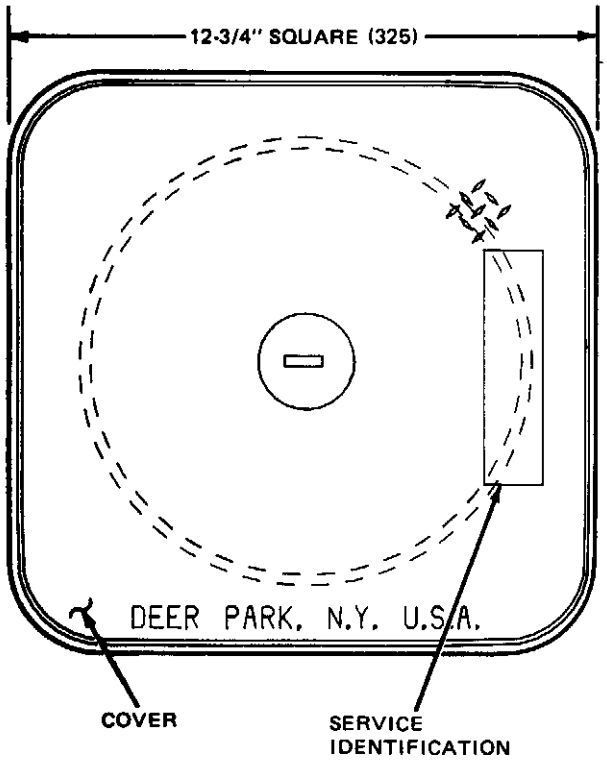
The standard Model 938-UP pit consists of a one piece cast aluminum cover assembly and a one piece molded fiberglass shell having a 9 inch (230 mm) nominal inside diameter.

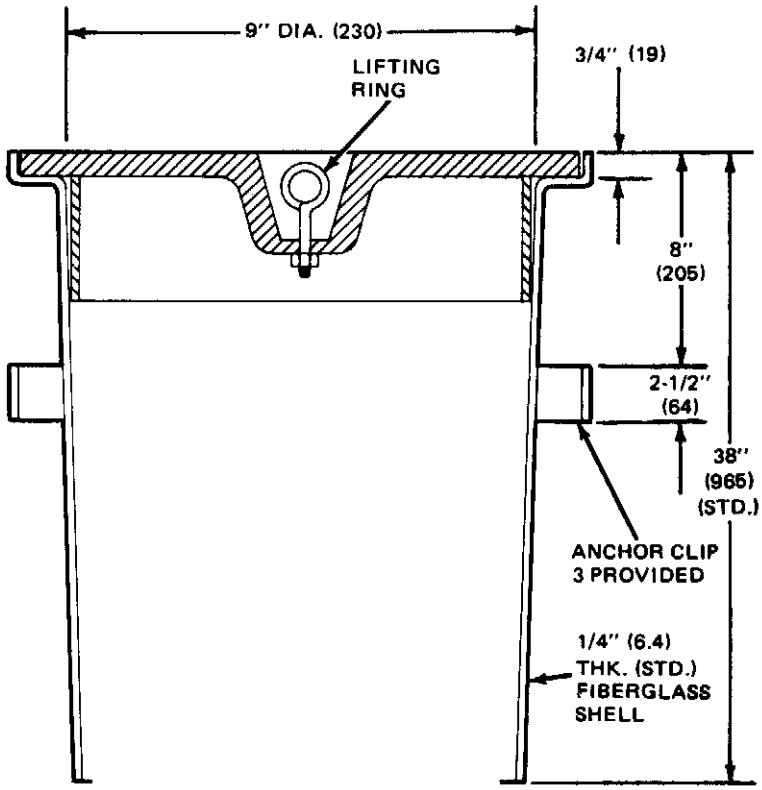
APPLICATIONS:

VALVE BOX	For valve stem extension.
ACCESS	For access to cathodic protection test points and other utilities.
SPECIAL APPLICATIONS	Consult factory for custom application.

SHELL:

The Model 938-UP pit shell is a one piece molded design. The inside dimensions of the shell are 9 inches (230 mm) in diameter by 38 inches (965 mm) deep. The shell wall is nominally one-quarter (.25) inch (6.4 mm) thick and has three (3) integral brackets for concrete anchors equally spaced around the outside circumference of the shell below the cover seat. The pit shell is a glass fiber reinforced plastic (GRP) structure composed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright, clean environment and appearance.





DIMENSION "A"

30" (760) mm
38" STD. 965 mm
60" 1525 mm

COVER:

The pit cover is a one piece, completely removable, non-sparking assembly. The cover is available with a service identification area and is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

The cover assembly (part number 6533610) is guaranteed to withstand a single 150,000 pound (68040 kg) load applied over a 200 square inch (1290 cm2) tire footprint area placed anywhere on it (750 psi (52.7kg/cm2) rating). This represents a 3 to 1 safety factor.

QUALITY ASSURANCE:

All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

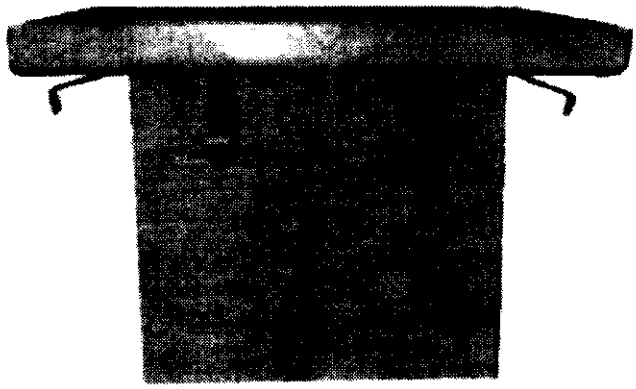
OPTIONS:

OVER-ALL-DEPTH	Presently available optional depths are 30 and 60 inches (760 and 1525 mm). Other depths are available on special order.
SPLIT TOP SHELL	A special slip-fit, removable top section is available to enable a continuous concrete apron panel pour. Glass fiber reinforced plastic "mud covers" are available to prevent concrete from entering the pit during the continuous concrete pours.
SHELL BOTTOM	A solid, liquid tight, flat bottom is available.
FLANGED STEEL SUPPORT FRAME FOR COVER	Integrally bonded to the fiberglass shell.

GNY EQUIPMENT, LLC

AIRCRAFT GROUND SERVICE PIT
MODEL R663PA

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES

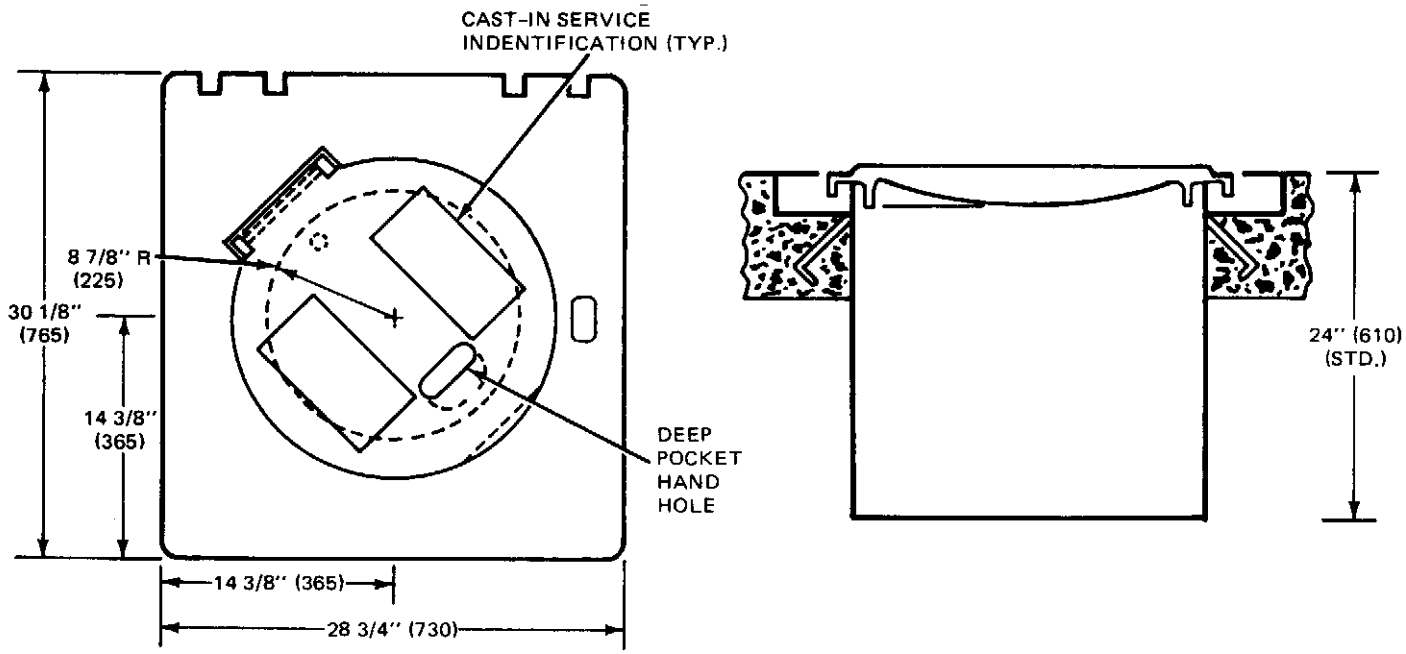


The Model R663PA pit was developed as a second generation Model 663PA pit utilizing a two piece rather than a single cover. The pit consists of a two piece cast aluminum cover assembly and a fabricated carbon steel frame and shell having a 24 inch (610mm) nominal square inside opening. The R663PA cover is designed to replace the one piece 663PA cover if a full access opening is not required.

APPLICATIONS:

FUEL HYDRANT	For all commercial aviation fuel hydrant valves.
WATER SERVICE	For water hydrant outlets and/or water service.
HIGH POINT VENT	For piping system venting connections (fuel, water, air).
LOW POINT DRAIN	For piping systems low point drain connections (fuel, water, air).
COMBINATION VENT/ DRAIN	For combination high point vent and low point drain connections.
ELECTRICAL	For 120 volt and 240 volt, 60 hertz and 400 hertz service and other various voltages and frequencies. Special application for communication service.
AIR START	For air start hose, coupler, and coupler holder.
PRECONDITIONED AIR OUTLET	For conditioned air hose and adapter storage.
SURGE SUPPRESSOR	For installation of 5 and 7-1/2 gallon surge suppressors.
MAINTENANCE AND ACCESS	For access manways into underground vaults.
SPECIAL APPLICATIONS	Consult factory for custom application.

GNY EQUIPMENT, LLC



FRAME AND SHELL:

The Model R663PA frame and shell are fabricated from carbon steel. The inside dimensions of the shell are 24 inches (610mm) square by approximately 24 inches (610mm) deep. The shell wall is three-sixteenths (.187) inch (4.7mm) thick and has eight (8) concrete anchors equally spaced around the outside perimeter of the shell just below the cover seat. The shell interior is coated with a gray enamel paint to provide a bright, clean environment and appearance, and to provide corrosion resistance. The exterior of the shell and frame is coated with an asphalt paint.

COVER:

The pit cover assembly is a two piece, non-skid, non-sparking, assembly consisting of one stationary outer ring and an inner access cover. The inner cover can be opened a full 180 degrees with a 25 lb. (11.4kg) single hand lift on a non-weight bearing hinge to expose an 18 inch (460 mm) diameter clear opening. Each inner cover is available with cast in service identification (one inch (25mm) high by .062 inch (1.5mm) raised letters), a deep pocket handhole, and an edge fingergrip. The cover assembly is completely removable for maximum access to internal equipment. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

Each cover assembly (part numbers 6533853 and 6533772 (H)) is guaranteed to withstand a single 200,000 pound (90720 kg) load applied over a 200 square inch (1290 cm2) tire footprint placed anywhere on it (1000 psi (70.3 kg/cm2) rating). This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

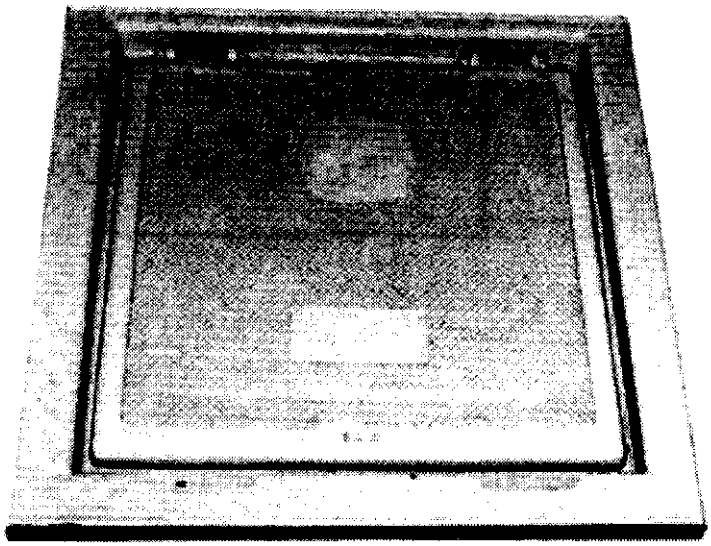
All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105 "Sampling Procedures and Tables for Inspection Attributes".

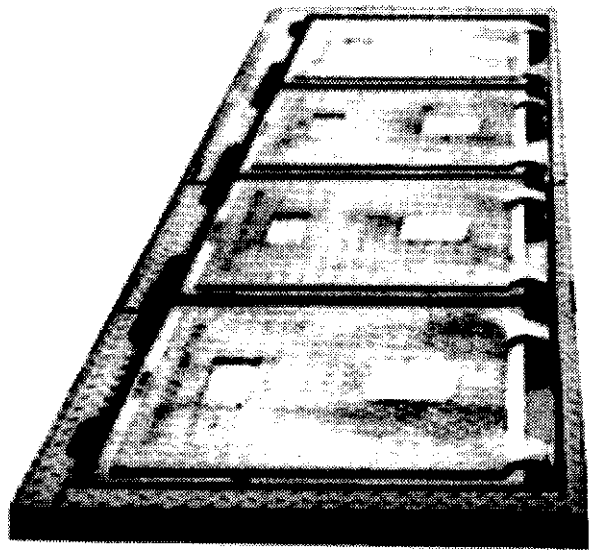
OPTIONS:

OVER-ALL-DEPTH	Presently available optional depths are any depth to 96 inches (2440mm). Other depths are available on special order.
CUSTOM SHELL AND MATERIAL CONFIGURATION	Stainless steel frame and shell. Multiple in-line or offset shells are available on special order.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SHELL FLOOR	A flexible fuel-resistant boot type seal, open bottom or a single pipe flange welded in floor for piping system connection.

AIRCRAFT GROUND SERVICE PIT MODEL 663PA

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES



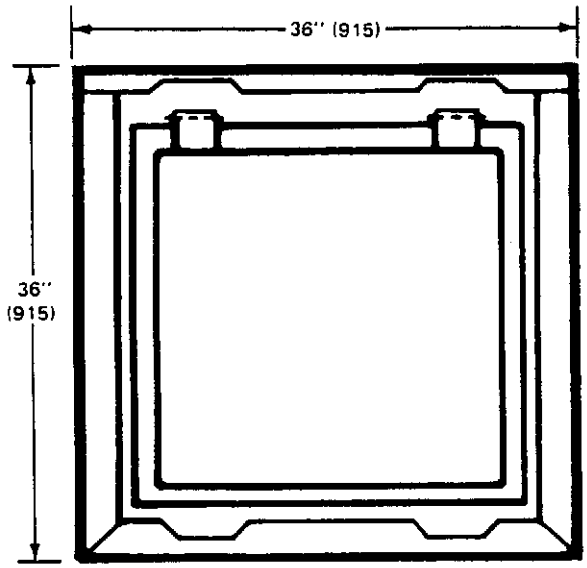


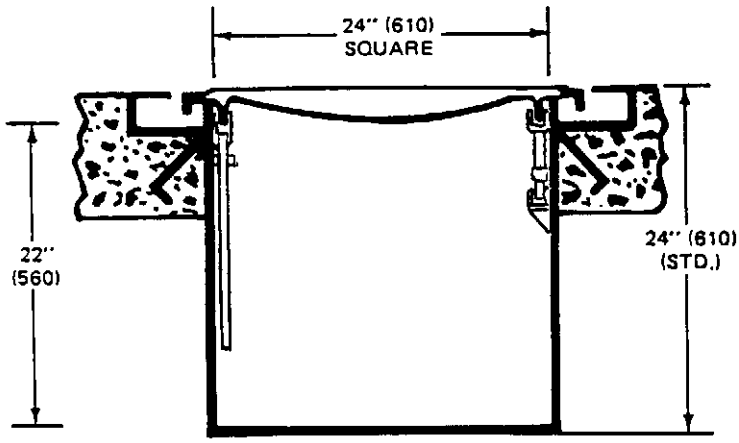
The Model 663PA pit originally was developed as a special hydrant service pit for the JFK International Airport in New York City. The pit consists of a one piece cast aluminum cover assembly and a fabricated carbon steel frame and shell having a 24 inch (610 mm) nominal square inside opening with an open bottom.

APPLICATIONS:

FUEL HYDRANT	For all commercial aviation fuel hydrant valves.
WATER SERVICE	For water hydrant outlets and/or water service.
HIGH POINT VENT	For piping system venting connections (fuel, water, air).
LOW POINT DRAIN	For piping systems low point drain connections (fuel, water, air).
COMBINATION VENT/ DRAIN	For combination high point vent and low point drain connections.
ELECTRICAL	For 120 volt and 240 volt, 60 hertz and 400 hertz service and other various voltages and frequencies. Special application for communication service.
AIR START	For air start hose, coupler, and coupler holder.
PRECONDITIONED AIR OUTLET	For conditioned air hose and adapter storage.
SURGE SUPPRESSOR	For installation of 5 and 7-1/2 gallon surge suppressors.
MAINTENANCE AND ACCESS	For access manways into underground vaults.
SPECIAL APPLICATIONS	Consult factory for custom application.

GNY EQUIPMENT, LLC D





FRAME AND SHELL:

The Model 663PA frame and shell are fabricated from carbon steel. The inside dimensions of the shell are 24 inches (610mm) square by approximately 22 inches (560mm) deep. The shell wall is three-sixteenths (.187) inch (4.7mm) thick and has eight (8) concrete anchors equally spaced around the outside perimeter of the shell just below the cover seat. The shell interior is coated with a gray enamel paint to provide a bright, clean environment and appearance. The exterior of the shell and frame is coated with an asphalt paint. The coatings provide corrosion resistance to the steel structure.

COVER:

The pit cover is a one piece non-skid, non-sparking hinged unit which can open to a full 105 degrees on weight bearing hinges. The cover can be opened with a single hand lift and has an oil filled snubber cylinder to provide a controlled rate of closure when the hold open mechanism is released. The cover is available with a removable identification plate. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

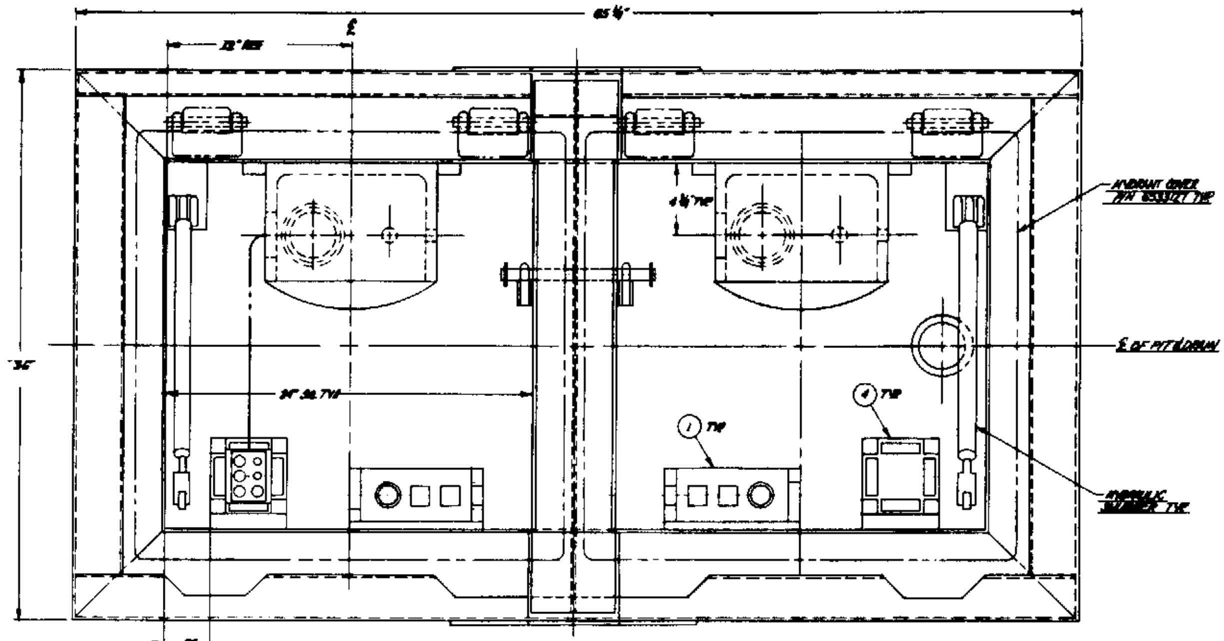
Each cover assembly is guaranteed to withstand a single 200,000 pound (90720 kg) load applied over a 200 square inch (1290 cm2) tire footprint placed anywhere on it (1,000 psi (70.3 kg/cm2) rating). This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

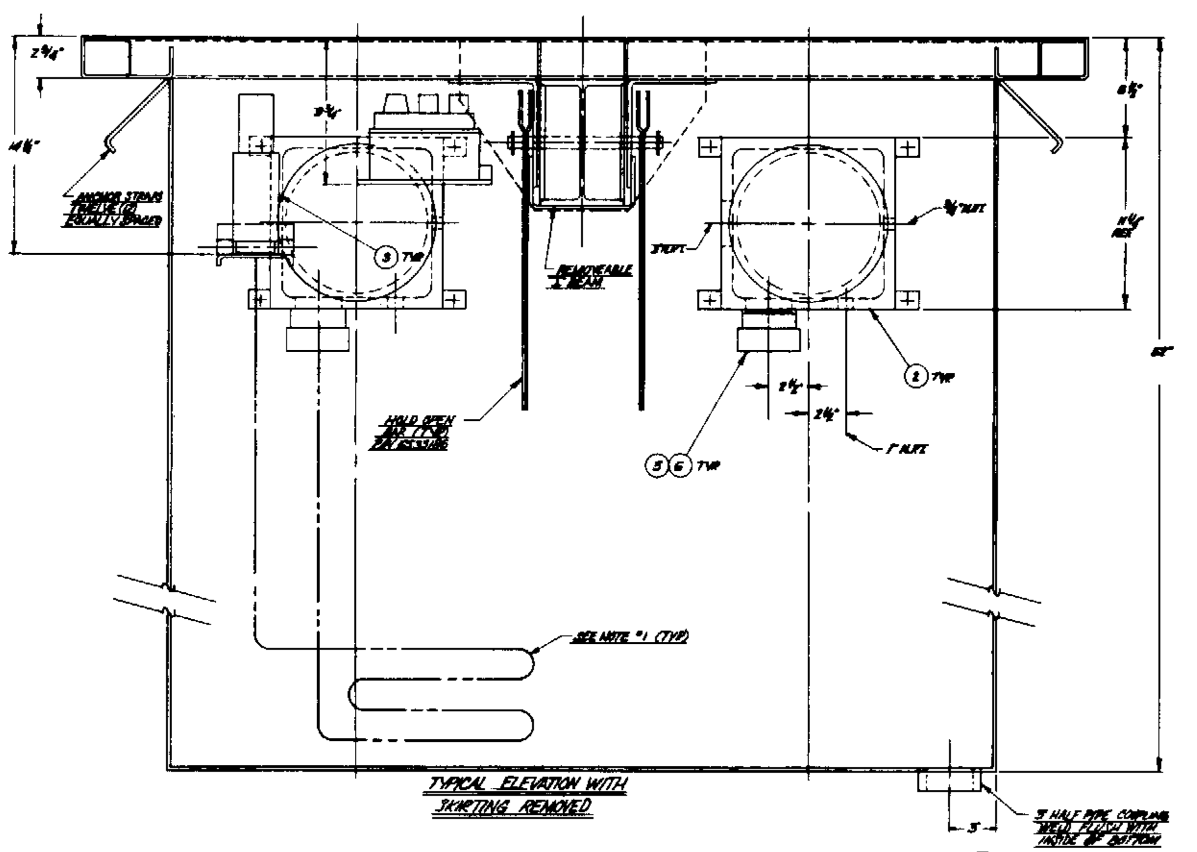
All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105 "Sampling Procedures and Tables for Inspection Attributes"

OPTIONS:

OVER-ALL-DEPTH	Presently available optional depths are any depth to 96 inches (2440mm). Other depths are available on special order.
CUSTOM SHELL AND MATERIAL CONFIGURATION	Stainless steel frame and shell. Multiple in-line or offset shells are available on special order.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SHELL FLOOR	1) A 14" diameter opening with pipe collar, flexible fuel-resistant boot type seal, and stainless steel clamps
	2) A single pipe flange welded in floor for pipe system connection.
AIR ASSIST OPENING	To assist in opening and providing slow closing of cover.



PLAN VIEW



TYPICAL ELEVATION WITH SKIRTING REMOVED

TEST NOTES

1. CERTIFIED TEST LOAD REPORT REQ'D.
2. TEST LOAD TO BE APPLIED ON 11.74 x 19.56 TIRE, PRINT AREA = (200 SQ. IN.)
3. RATED LOAD = 250 P.S.I.
4. PROOF LOAD = 500 P.S.I.
5. ULTIMATE LOAD = 1000 P.S.I. (MINIMUM)
6. STATISTICAL TEST PER MIL-STD-105.

NOTES:

1. 400 HZ CABLE TO BE SUPPLIED BY OTHERS AND INSTALLED BY GARSITE (CABLE SIZE - 4-#2/0 AND 2-#12)
2. ALL EQUIPMENT TO BE MOUNTED ON STEEL BRACKETS. WELD TO PIT WALL (#10 GA) W/1" RETURN FLANGES. ALL EQUIPMENT TO BE BOLTED TO BRACKETS WITH HEX NUTS ON UNDERSIDE. TACK WELD ON INTERIOR AND FULL WELD ON EXTERIOR.

6	2	3" N.P.T. x 3" LG PIPE NIPPLE	GALVANIZED	
5	2	CONDUIT SEALING BUSHING	———	62 CROUSE TYPE CSB 3300
4	2	CABLE ROLLER ASS'Y	———	GARSITE 79-13-4 SHT #1
3	2	CABLE ASS'Y 400 HZ	———	SEE NOTE #1
2	2	JUNCTION BOX	———	NELSON # TF-10106
1	8/2	PUSH BUTTON STATION W/LIGHT	———	CROUSE HINDS # EFD 8476-J1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

LIST OF MATERIAL

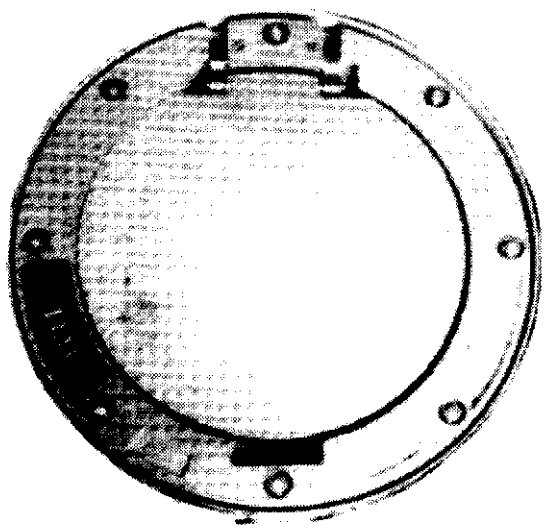
MODEL 663 PA

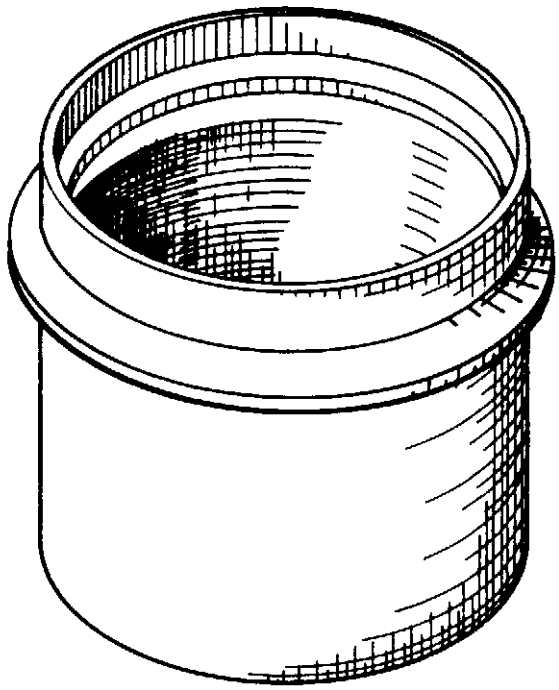
Title: DOUBLE ELECTRICAL SERVICE PIT, 400 Hz

GNY EQUIPMENT, LLC

AIRCRAFT GROUND SERVICE PIT
MODEL 1462-A

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES

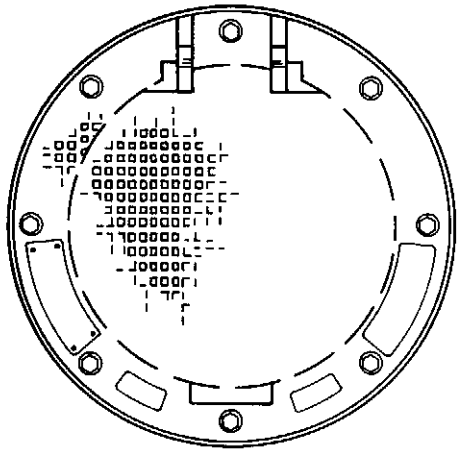


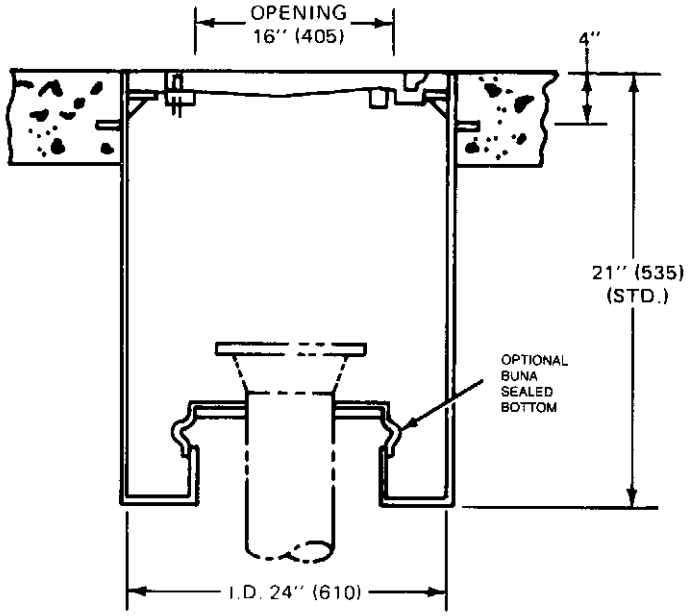


The standard Model 1462-A pit consists of a two piece cast aluminum cover assembly and a fabricated carbon steel frame and shell having an open bottom entrance.

APPLICATIONS:

FUEL HYDRANT	For all commercial aviation fuel hydrant valves.
WATER SERVICE	For water hydrant outlets and/or water service.
HIGH POINT VENT	For piping system venting connections (fuel, water, air).
LOW POINT DRAIN	For piping systems low point drain connections (fuel, water, air).
COMBINATION VENT/ DRAIN	For combination high point vent and low point drain connections.
ELECTRICAL	For 120 volt and 240 volt, 60 hertz and 400 hertz service and other various voltages and frequencies. Special application for communication service.
AIR START	For air start hose, coupler, and coupler holder.
SURGE SUPPRESSOR	For installation of 5 and 7-1/2 gallon surge suppressors.
SPECIAL APPLICATIONS	Consult factory for custom application.





FRAME AND SHELL:

The Model 1462-A frame and shell are fabricated from carbon steel. The inside dimensions of the shell are 24 inches (610mm) in diameter by 21 inches (535mm) deep. The shell wall is three-sixteenths (.187) inch (4.7mm) thick and has an anchor ring welded around the outside perimeter of the shell just below the cover seat. The shell interior is coated with a gray enamel paint to provide a bright, clean environment and appearance. The exterior of the shell and frame is coated with an asphalt paint. These coatings provide corrosion resistance to the steel structure.

COVER:

The pit cover is a two piece, non-skid, non-sparking, assembly consisting of one stationary outer ring and an inner access cover. The inner cover can be opened a full 180 degrees with a 15 lb. (6.8 kg) single hand lift on a non-weight bearing hinge to expose a 16 inch (405mm) diameter clear opening. Each cover assembly is available with a removable I.D. plate. The outer cover is bolted down to the shell frame and is completely removable for maximum access to internal equipment. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

Each cover assembly is guaranteed to withstand a single 200,000 pound (90720 kg) load applied over a 200 square inch (1290 cm2) tire footprint placed anywhere on it (1000 psi (70.3 kg/cm2) rating). This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

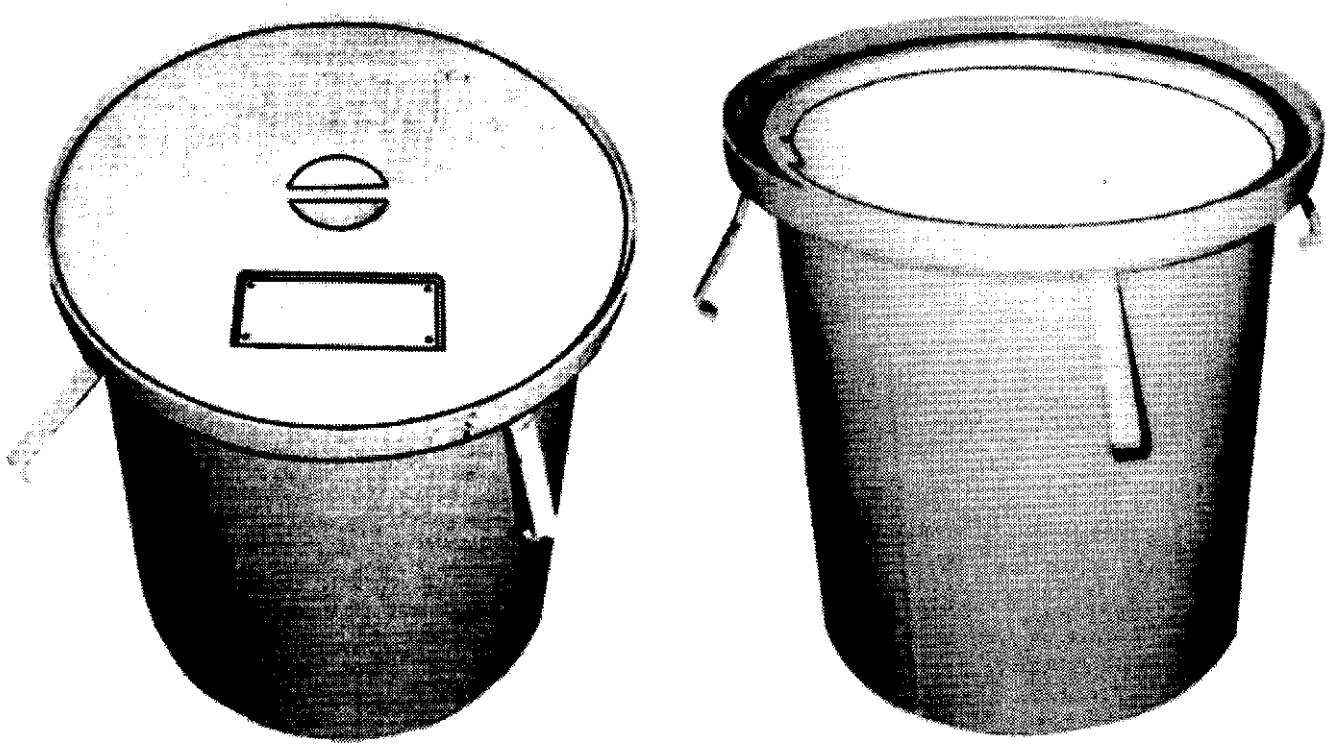
All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

OPTIONS:

OVER-ALL-DEPTH	Presently available optional depths are any depth to 60 inches (1525mm). Other depths are available on special order.
CUSTOM SHELL AND MATERIAL CONFIGURATION	Stainless steel frame and shell.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SHELL FLOOR	1) A 14" diameter opening with pipe collar, flexible fuel-resistant boot type seal and stainless steel clamps 2) A single pipe flange welded in floor for piping system connection. 3) Special 23-7/8" O.D. shell enables pit to be installed in existing 24" square concrete P.O.L. fuel pit (military).

AIRCRAFT GROUND SERVICE PIT
MODEL 800

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES

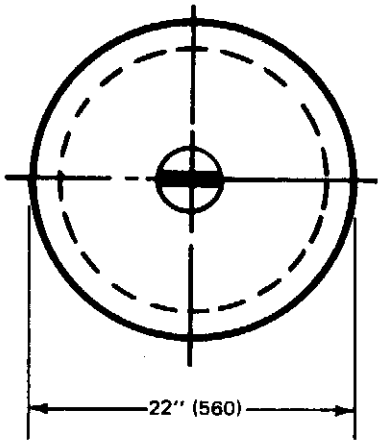


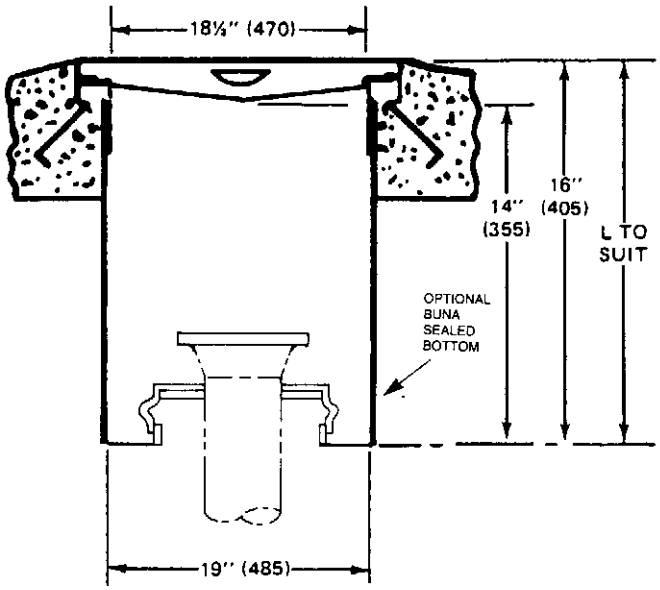
The standard Model 800 pit consists of a one piece, twist-lock, cast aluminum cover, cover gasket and a fabricated carbon steel frame and shell, having a 19 inch (485mm) inside diameter with an open bottom.

APPLICATIONS:

FUEL HYDRANT	For 4" by 2-1/2" bayonet type commercial aviation fuel hydrant valves.
HIGH POINT VENT	For piping system venting connections (fuel, water, air).
LOW POINT DRAIN	For piping systems low point drain connections (fuel, water, air).
SPECIAL APPLICATIONS	Consult factory for custom application.

GNY EQUIPMENT, LLC





FRAME AND SHELL:

The Model 800 frame and shell are fabricated from carbon steel. The inside dimensions of the shell are 19 inches (485mm) in diameter with a frame opening of 18.5 inches (470mm) by 16 inches (405mm) overall depth. The shell wall is three-sixteenths (.187) inch (4.7mm) thick and has four (4) concrete anchors equally spaced around the outside perimeter of the shell just below the cover seat. The shell interior is coated with a gray enamel paint to provide a bright, clean environment and appearance. The exterior of the shell and frame is coated with an asphalt paint. These coatings provide corrosion resistance to the steel structure.

COVER:

The pit cover is a one piece, non-sparking, completely removable assembly with three lock-down lugs. The cover is opened by twisting and lifting out. The cover is available with a removable I.D. plate. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

Each cover assembly is guaranteed to withstand a single 200,000 pound (90720 kg) load applied over a 200 square inch (1290 cm2) tire footprint placed anywhere on it (1000 psi (70.3 kg/cm2) rating). This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

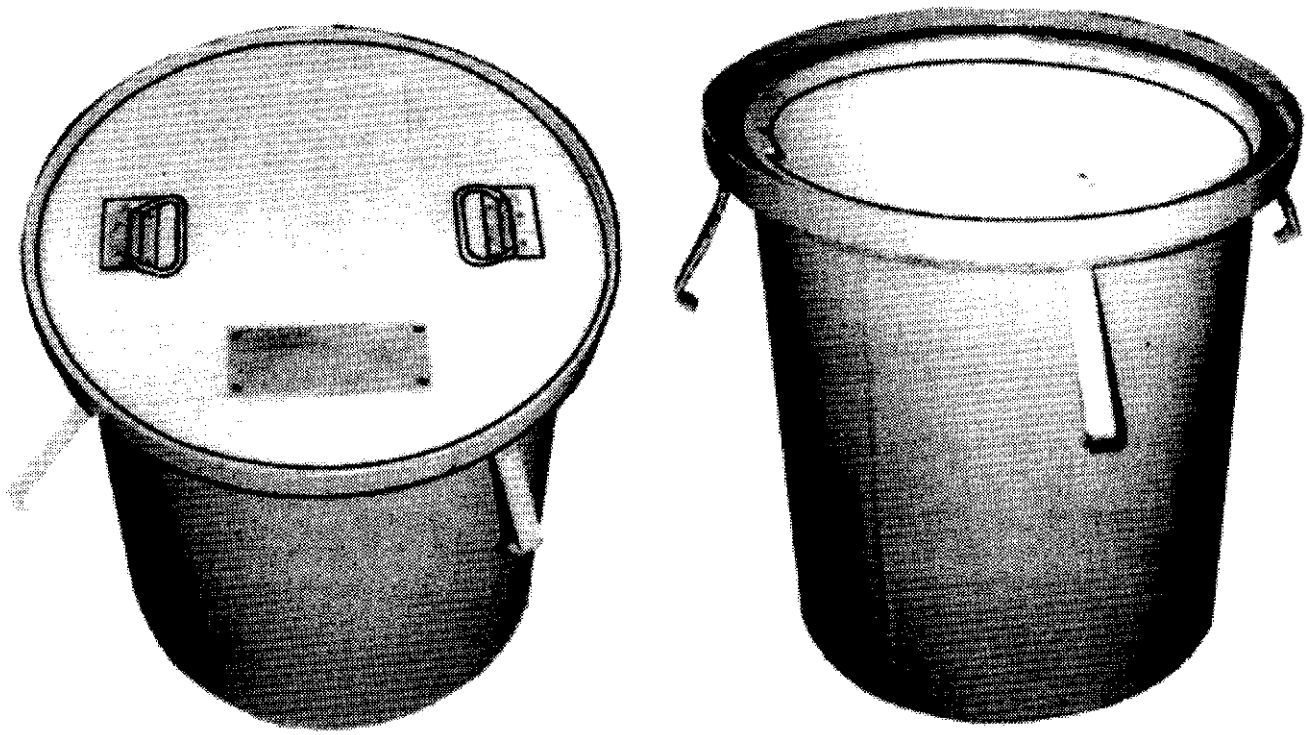
All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

OPTIONS:

OVER-ALL-DEPTH	Presently available optional depths are any depth to 60 inches (1525mm). Other depths are available on special order.
CUSTOM SHELL AND MATERIAL CONFIGURATION	Stainless steel frame and shell.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SHELL FLOOR	1) A 14" diameter opening with pipe collar, flexible fuel-resistant boot type seal, and stainless steel clamps.
	2) A single pipe flange welded in floor for piping system connection.

AIRCRAFT GROUND SERVICE PIT
MODEL 1723FT

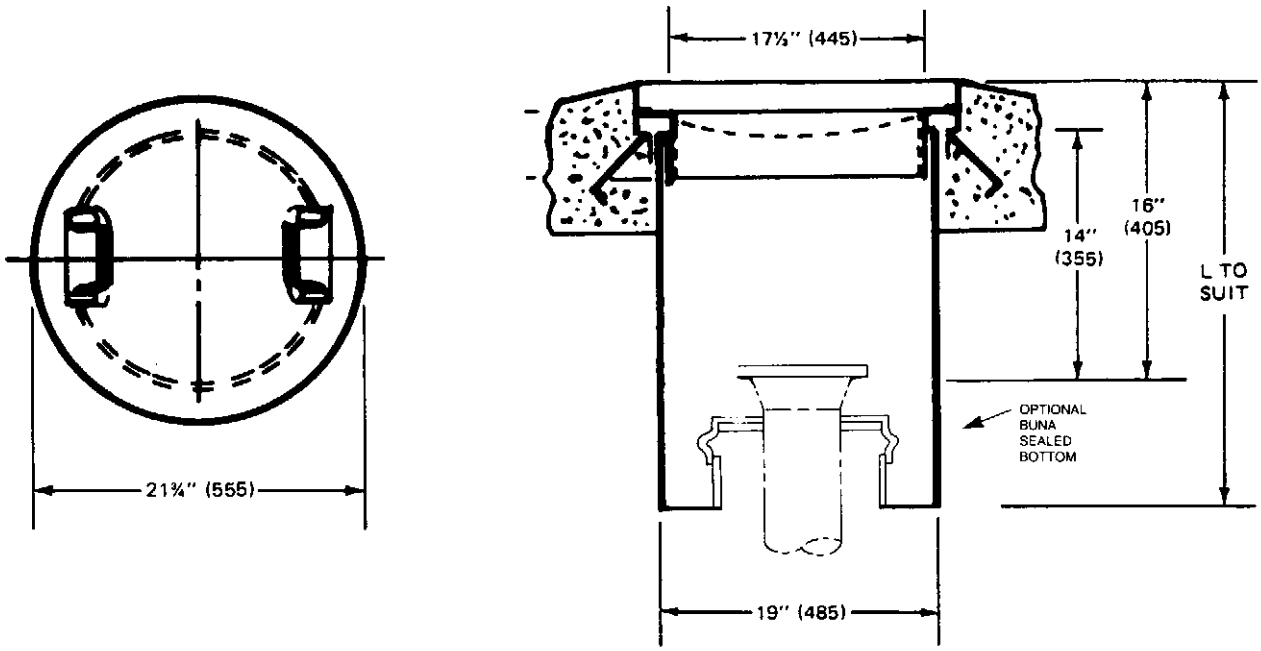
FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES



The standard Model 1723FT pit consists of a one piece, skirted, drop-in type, cast aluminum cover assembly, cover gasket and a fabricated carbon steel frame and shell, having a 19 inch (485mm) inside diameter with an open bottom.

APPLICATIONS:

FUEL HYDRANT	For 4" by 2-1/2" bayonet type commercial aviation fuel hydrant valves.
HIGH POINT VENT	For piping system venting connections (fuel, water, air).
LOW POINT DRAIN	For piping systems low point drain connections (fuel, water, air).
SPECIAL APPLICATIONS	Consult factory for custom application.



FRAME AND SHELL:

The Model 1723FT frame and shell are fabricated from carbon steel. The inside dimensions of the shell are 19 inches (485mm) in diameter by 16 inches (405mm) deep. The shell wall is three-sixteenths (.187) inch (4.7mm) thick and has four (4) concrete anchors equally spaced around the outside perimeter of the shell just below the cover seat. The shell interior is coated with a gray enamel paint to provide a bright, clean environment and appearance. The exterior of the shell and frame is coated with an asphalt paint. These coatings provide corrosion resistance to the steel structure.

COVER:

The pit cover is a one piece, non-sparking, completely removable assembly. The cover lifts out by use of two spring retractable handles to expose a 17.5 inch (445mm) diameter clear opening. The cover is available with a removable I.D. plate. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

Each cover assembly is guaranteed to withstand a single 200,000 pound (90720 kg) load applied over a 200 square inch (1290 cm2) tire footprint placed anywhere on it (1,000 psi (70.3 kg/cm2) rating). This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

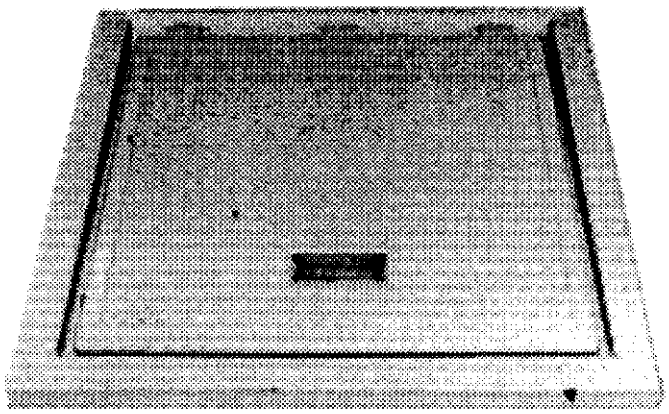
All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

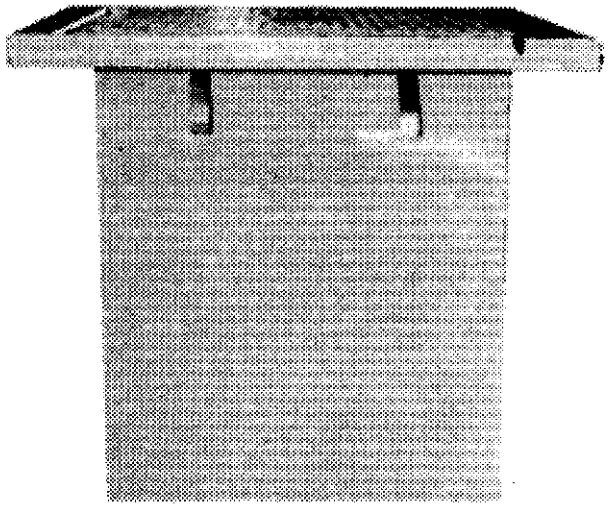
OPTIONS:

OVER-ALL-DEPTH	Presently available optional depths are any depth to 60 inches (1525mm). Other depths are available on special order.
CUSTOM SHELL AND MATERIAL CONFIGURATION	Stainless steel frame and shell.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SHELL FLOOR	1) A 14" diameter opening with pipe collar, flexible fuel-resistant boot type seal, and stainless steel clamps. 2) A single pipe flange welded in floor for piping system connection.

AIRCRAFT GROUND SERVICE PIT
MODEL 3021

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES



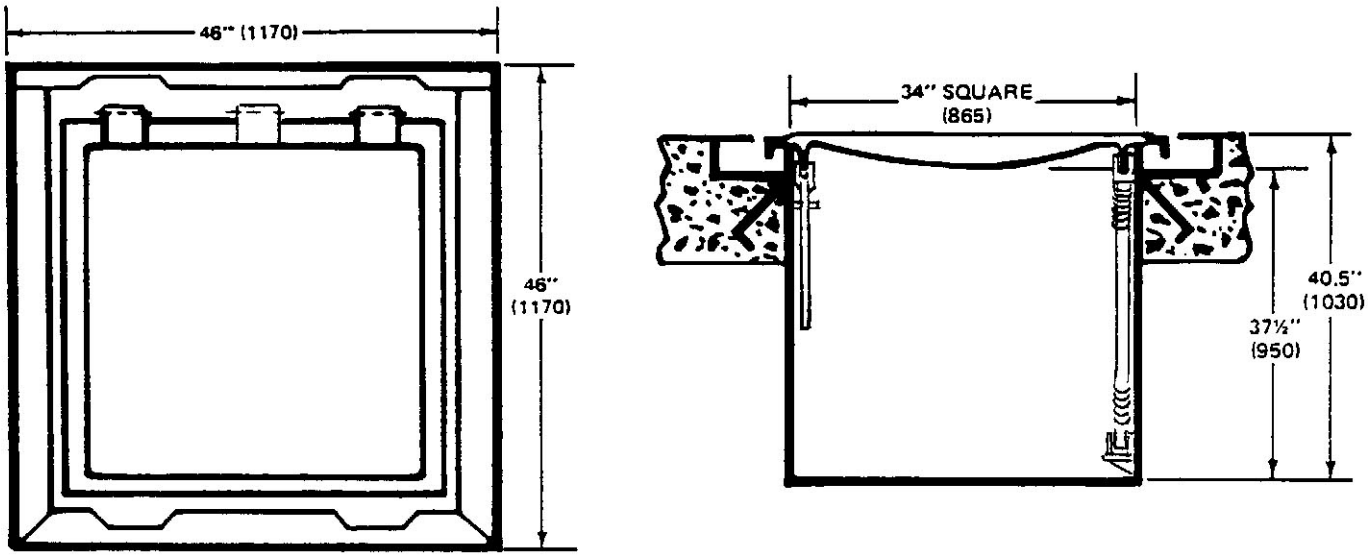


The standard Model 3021 pit consists of a one piece cast aluminum cover assembly and a fabricated carbon steel frame and shell having a 34 inch (865mm) nominal square inside opening with an open bottom.

APPLICATIONS:

FUEL HYDRANT	For all commercial aviation fuel hydrant valves.
WATER SERVICE	For water hydrant outlets and/or water service.
HIGH POINT VENT	For piping system venting connections (fuel, water, air).
LOW POINT DRAIN	For piping systems low point drain connections (fuel, water, air).
COMBINATION VENT/ DRAIN	For combination high point vent and low point drain connections.
ELECTRICAL	For 120 volt and 240 volt, 60 hertz and 400 hertz service and other various voltages and frequencies. Special application for communication service.
AIR START	For air start hose, coupler, and coupler holder.
PRECONDITIONED AIR OUTLET	For conditioned air hose and adapter storage.
SURGE SUPPRESSOR	For installation of 5 and 7-1/2 gallon surge suppressors.
MAINTENANCE AND ACCESS	For access manways into underground vaults.
SPECIAL APPLICATIONS	Consult factory for custom application.

GNY EQUIPMENT, LLC



FRAME AND SHELL:

The Model 3021 frame and shell are fabricated from carbon steel. The inside dimensions of the shell are 34 inches (865mm) square by approximately 37.5 inches (950mm) deep. The shell wall is three-sixteenths (.187) inch (4.7mm) thick and has eight (8) concrete anchors equally spaced around the outside perimeter of the shell just below the cover seat. The shell interior is coated with a gray enamel paint to provide a bright, clean environment and appearance. The exterior of the shell and frame is coated with an asphalt paint. These coatings provide corrosion resistance to the steel structure.

COVER:

The pit cover is a one piece non-skid, non-sparking hinged unit which can open to a full 105 degrees on weight bearing hinges. The cover, with spring assist, can be opened with a single hand lift and has a controlled rate of closure when the hold open mechanism is released. The cover is available with a removable identification plate. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

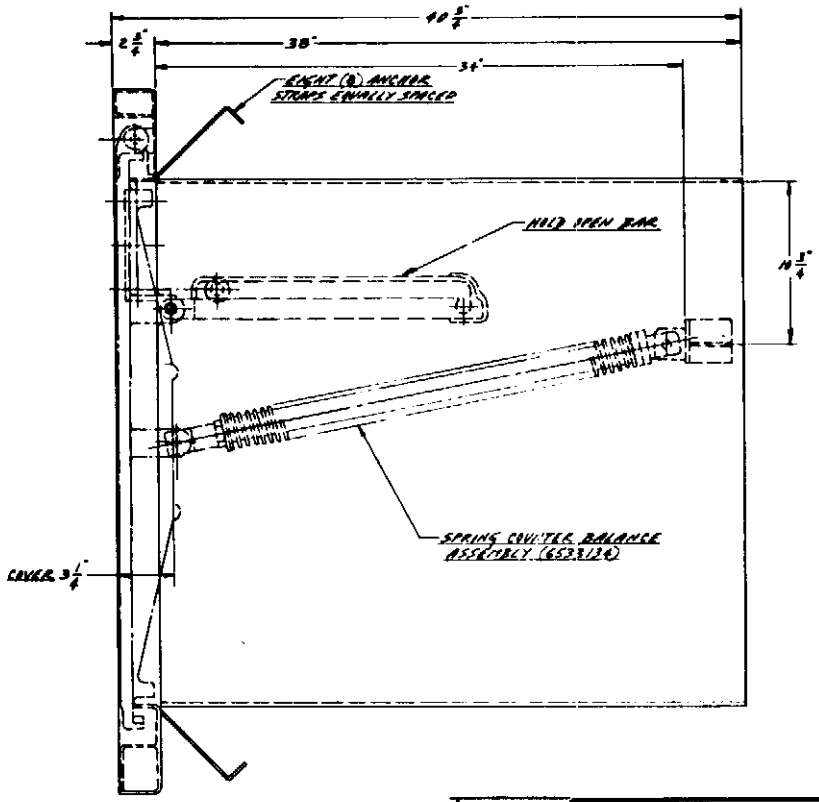
Each cover assembly is guaranteed to withstand a single 200,000 pound (90720 kg) load applied over a 200 square inch (1290 cm2) tire footprint placed anywhere on it (1,000 psi (70.3 kg/cm2) rating). This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105 "Sampling Procedures and Tables for Inspection Attributes".

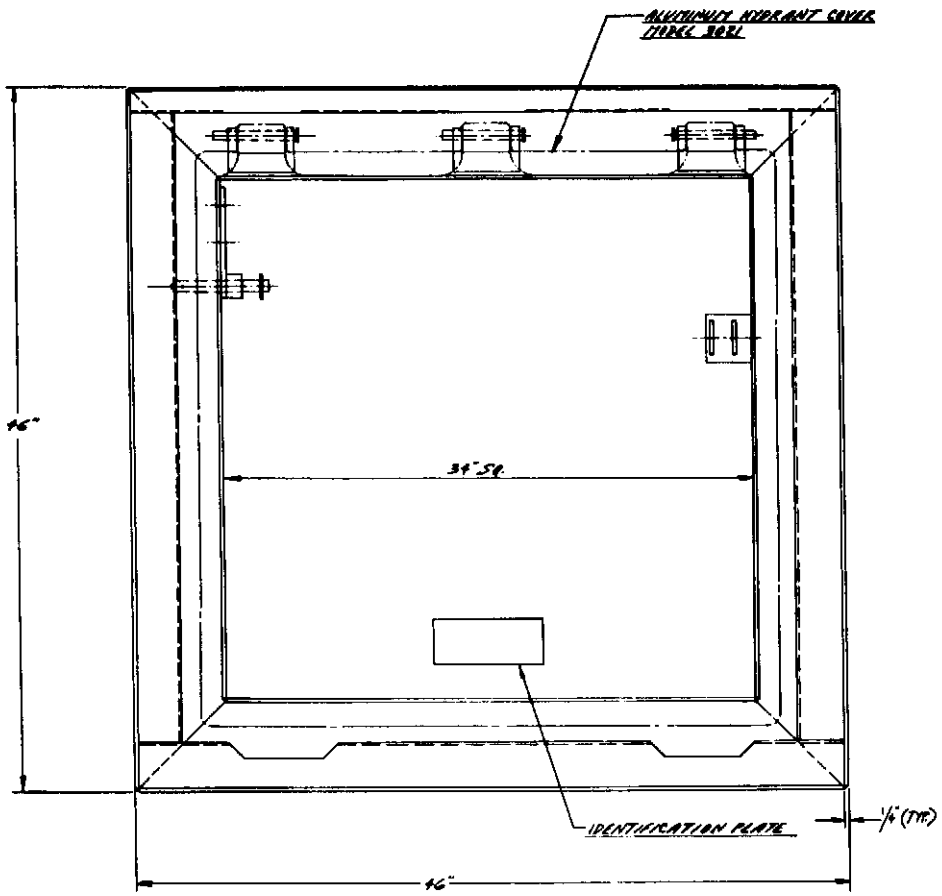
OPTIONS:

OVER-ALL-DEPTH	Presently available optional depths are any depth to 96 inches (2440mm). Other depths are available on special order.
CUSTOM SHELL AND MATERIAL CONFIGURATION	Stainless steel frame and shell. Multiple in-line or offset shells are available on special order.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SHELL FLOOR	1) A 14" diameter opening with pipe collar, flexible fuel-resistant boot type seal, and stainless steel clamps.
	2) A single pipe flange welded in floor for piping system connection.
AIR ASSIST OPENING	To assist in opening and providing slow closing of cover.



TEST NOTES:
1. CERTIFIED TEST LOAD REPORT REQUIRED.
2. TEST LOAD TO BE APPLIED ON 6.75 X 19.56 TIRE PRINT AREA - (200 SQ. IN.)
3. RATED LOAD = 250 P.S.I.
4. PROOF LOAD = 500 P.S.I.
5. ULTIMATE LOAD = 1000 P.S.I. (MIN.)
6. STATISTICAL TEST PER IPHC-STD-105.

PAINT SPECIFICATION
1. PRIME COAT: RED OXIDE COMPLETE PIT.
2. FINISH PAINT: COVER, EXPOSED FRAME TOP & INSIDE OF SHELL WITH GRAY ENAMEL.
3. EXTERIOR OF SHELL & EXTERIOR OF FRAME WITH (2) TWO COATS OF ASPHALT PAINT.



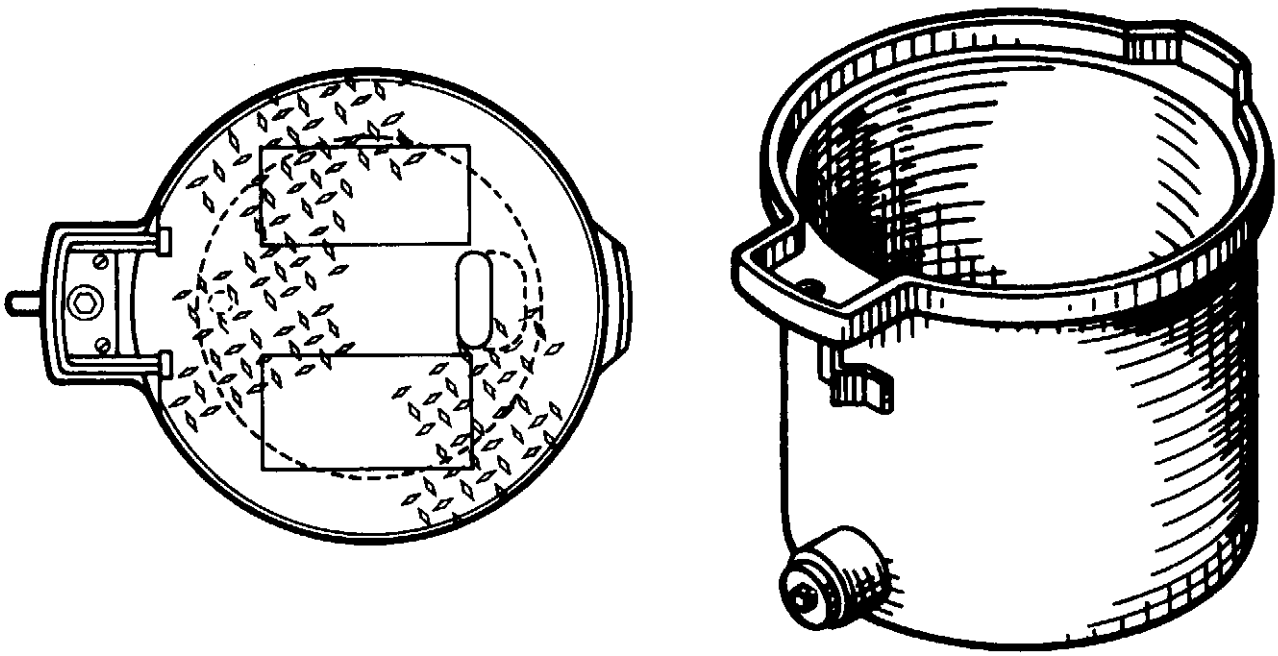
MODEL 3021

Title: SINGLE HYDRANT BOX w/SKIRT

GNY EQUIPMENT, LLC

AIRCRAFT GROUND SERVICE PIT
MODEL 1725

FOR AIRPORT APRON AND HANGAR MAINTENANCE FACILITIES



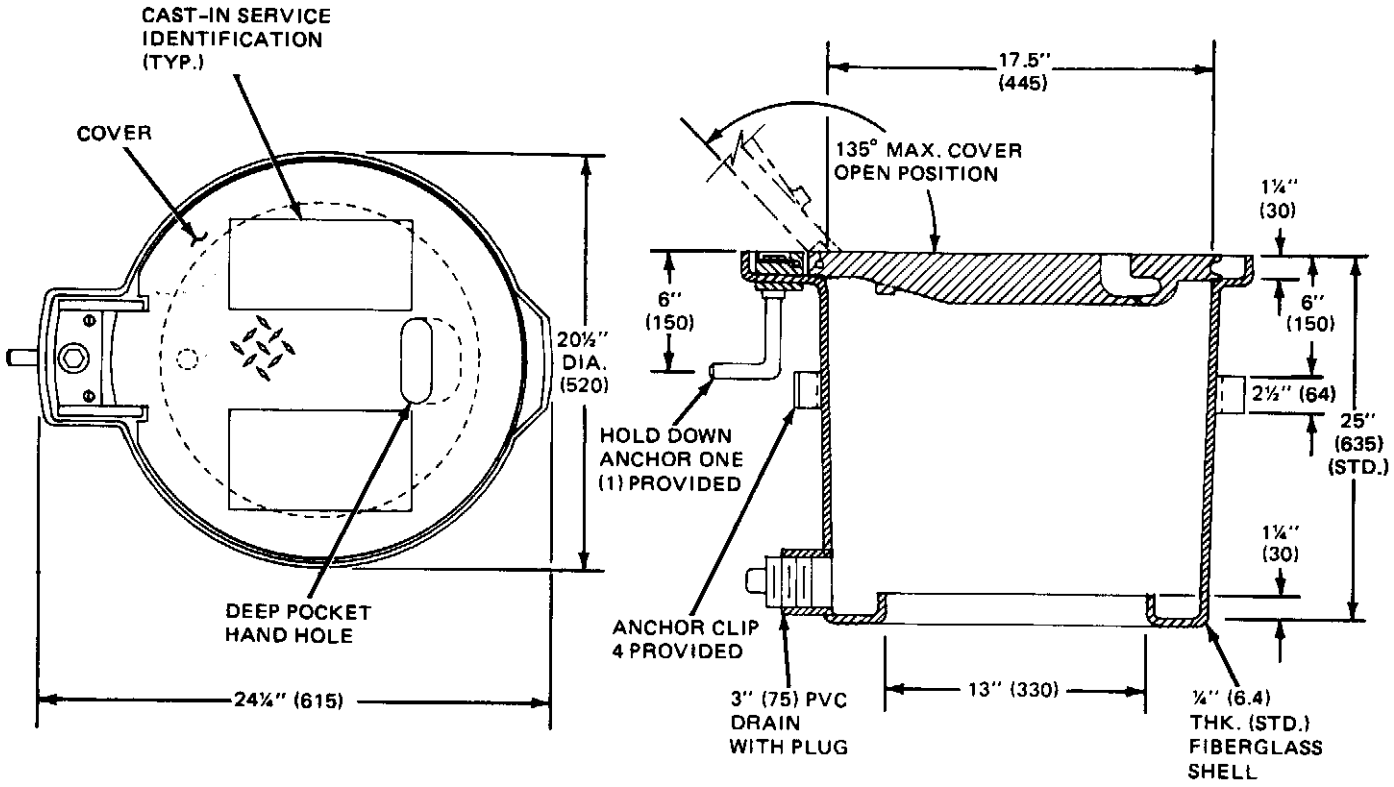
The standard Model 1725 pit consists of a one piece hinged cast aluminum cover assembly and a one piece molded fiberglass shell, having a bottom entrance.

APPLICATIONS:

FUEL HYDRANT	For 4" X 2-1/2" bayonet type aviation fuel hydrant valves.
HIGH POINT VENT	For piping system venting connections (fuel, water, air).
LOW POINT DRAIN	For piping systems low point drain connections (fuel, water, air).
GENERAL UTILITY	Compressed air service.
SPECIAL APPLICATIONS	Consult factory for custom application.

SHELL:

The Model 1725 pit shell is a one piece molded unit. The inside dimensions of the shell are 17.5 inches (445mm) in diameter by 25 inches (635mm) deep. The shell wall is nominally one-quarter (.25) inch (6.4mm) thick and has four (4) integral brackets for concrete anchors equally spaced around the outside circumference of the shell below the cover seat. The pit shell is a glass fiber reinforced plastic (GRP) structure composed of 30 percent glass fiber and 70 percent polyester resin. The glass fiber is high quality, commercial grade. The polyester resin is a premium grade, corrosion resistant isophthallic type resistant to soil borne chemicals as well as aircraft fuels, hydraulic oils, and deicing solutions. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright, clean environment and appearance. Fluids collected in the pit may be drained through a 3 inch (75 mm) IPS rigid PVC pipe coupling installed in the shell's sump for connection to a suitable collection system.



COVER:

The pit cover is a one piece, non-skid, non-sparking assembly. The cover can be opened a full 180 degrees with a 25 lb. (11.3 kg) single hand lift on a non-weight bearing hinge to expose an 17.5 inch (445 mm) diameter clear opening. The inner cover is available with cast in service identification (one inch (25mm) high by .062 inch (1.5mm) raised letters), and an edge fingergrip. The cover assembly is completely removable for maximum access to internal equipment. Each cover is manufactured from an aluminum-zinc alloy casting conforming to Federal Specification (USA) QQ-A-601F alloy 712.0 (formerly 40E). This alloy provides high strength, excellent machinability and ductility, very good shock and corrosion resistance, and uniform material properties throughout the casting.

LOAD RATING:

The cover assembly (part number 6533772H) is guaranteed to withstand a single 200,000 pound (90720 kg) load applied over a 200 square inch (1290cm2) tire footprint area placed anywhere on it (1000 psi (70.3kg/cm2) rating). This represents a 4 to 1 safety factor.

QUALITY ASSURANCE:

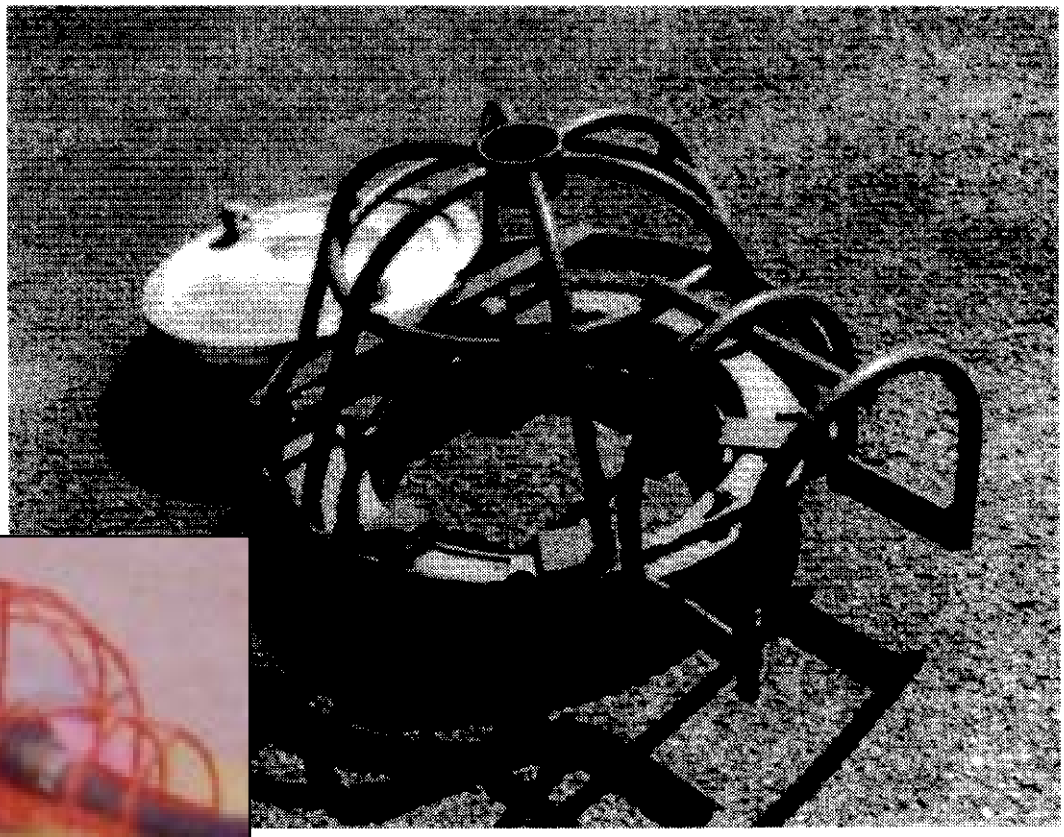
All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105, "Sampling Procedures and Tables for Inspection Attributes".

OPTIONS:

OVER-ALL-DEPTH	Other depths are available on special order.
CUSTOM SHELL CONFIGURATIONS	Side entrance or extensions available on special order.
SHELL PENETRATIONS	Liquid tight penetrations through shell walls or floor are available for piping, electrical conduit, etc.
SPLIT TOP SHELL	A special slip-fit, removable top section is available to enable a continuous concrete apron panel pour. The removable upper section is supplied with four (4) additional integral brackets for concrete anchors. Glass fiber reinforced plastic "mud covers" are available to prevent concrete from entering the pit during the continuous concrete pours.
SHELL BOTTOM	A solid, liquid tight, flat bottom is available.
INNER COVER SEAL	Fuel resistant "O" ring seal installed in a machined groove.

GROUND SERVICE PIT BARRIER
MODEL BAR-100

FOR AIRPORT AND HANGAR MAINTENANCE FACILITIES



The Model BAR-100 barrier has been designed to fit over the hydrant coupler and its hose connection. Its purpose is to help in the prevention of accidental damage to the fuel hydrant coupler caused by ground service vehicle activity.

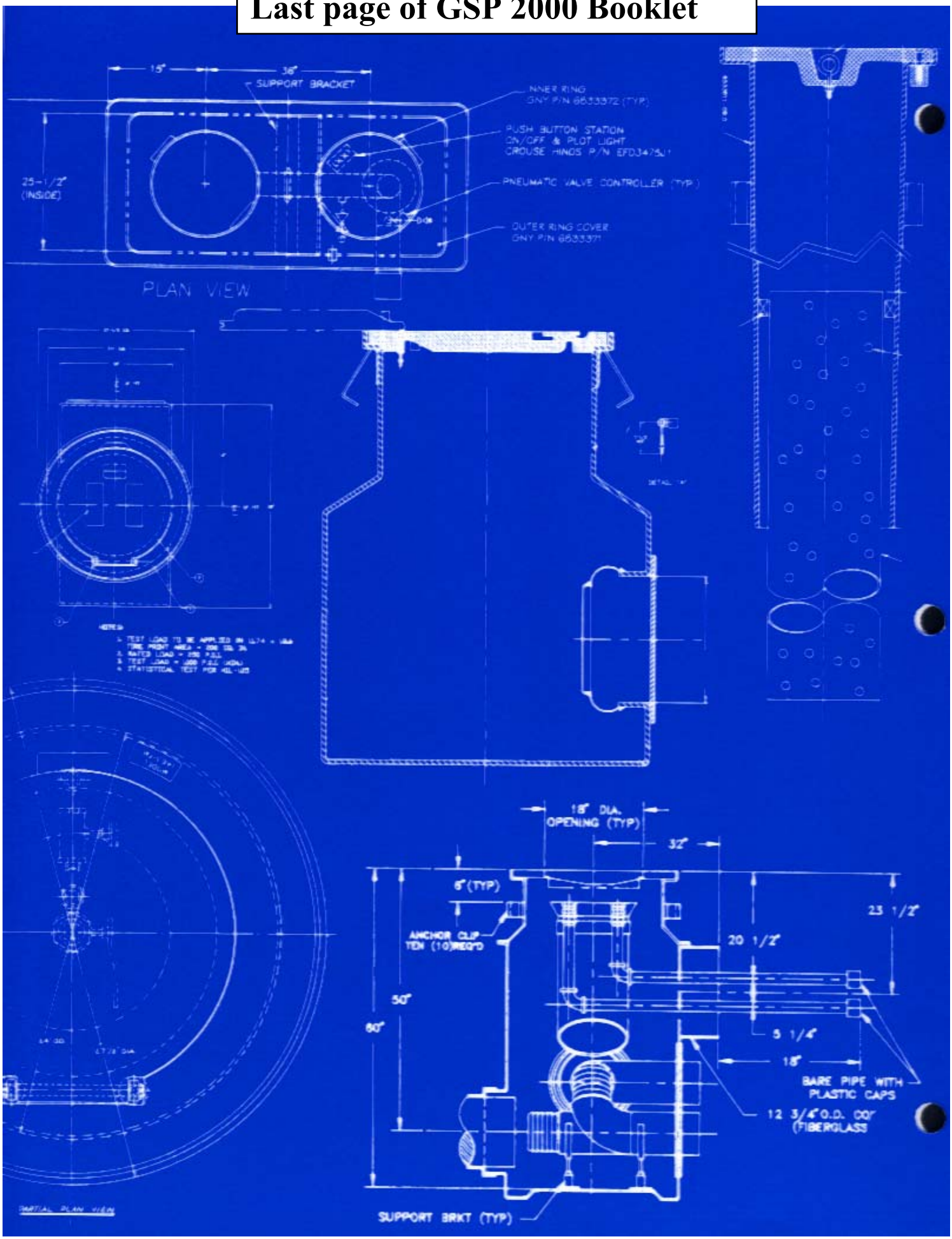
CONSTRUCTION:

MATERIAL - Lightweight aluminum. (14 lbs.)

COLOR - Safety orange.

INSTALLATION - Furnished with six lugs to fit pit inside diameter of a 16" I.D. or 18" I.D. pit.

Last page of GSP 2000 Booklet



GNY Aircraft Ground Service Pits

Pit Installation

Model 6000 (cover removed) Pit Shown during installation.

Pit Installation:

Pit shown with associated pipe work and interior equipment fittings. This Model 6000 pit will be backfilled in position and concrete will be pored over the the top 12". This pit form has a split top to allow for adjustment in the field.

GNY Aircraft Ground Service Pits

Pit Cover Testing

Dual footprint Pit Cover Testing on Model 6000 Cover.

Pit Cover Testing:

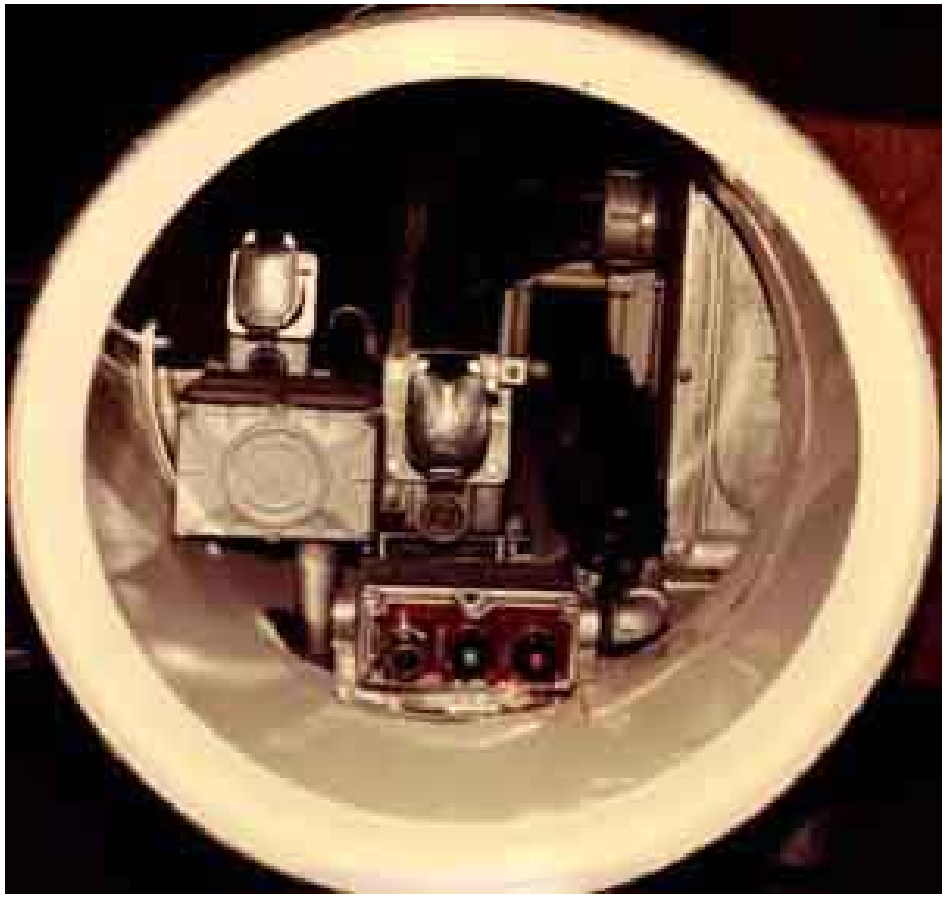
Each cover is guaranteed to withstand a dual 200,000 lb (90720 Kg) load applied over 200 square inches (1290 cm²) tire footprint areas placed anywhere on the cover (1000 psi (70.3 Kg/cm²) rating). This represents a 4:1 safety factor.

Quality Assurance:

All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105 "Sampling Procedures and Tables for Inspection Attributes".

GNY Aircraft Ground Service Pits

Model: 1463 400Hz Electrical Picture



Plan view of Model 1463FM Pit with 400 Hz electrical equip.

Designed To:

Provide aircraft with 400Hz electrical service used to power the aircraft on the ramp. Shown with receptacles. Other applications include fuel hydrant, fuel isolation, combination fuel high point vent/low point drain, water service, air start, preconditioned air, surge suppressor and sump. In addition the Model 1463FM pit can be used for maintenance and vault access.

Pit Shell:

The Model 1463FM pit shell is a one piece molded GRP unit composed of 30% high quality glass fiber and 70% polyester resin. The shell wall is nominally one-quarter (0.25) inches (6.4 mm) thick. The inside dimensions of the shell are 23.5 inches (600 mm) diameter by 38 inches (965 mm) deep. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright clean environment and appearance.

Pit Cover:

The Model 1463FM pit cover is a two piece, non-skid, non-sparking assembly consisting of one stationary outer ring and an inner access cover. The inner cover can be opened a full 180 degrees with a 25lb (11.4 Kg) single hand lift on a non-weight bearing hinge. When open an 18 inch (460 mm) diameter opening is exposed. Each cover is manufactured from a high strength aluminum-zinc alloy. Covers conform to Federal Specification QQ-A-601F alloy 712.0 (formerly 40E).

Load Testing and Quality Assurance:

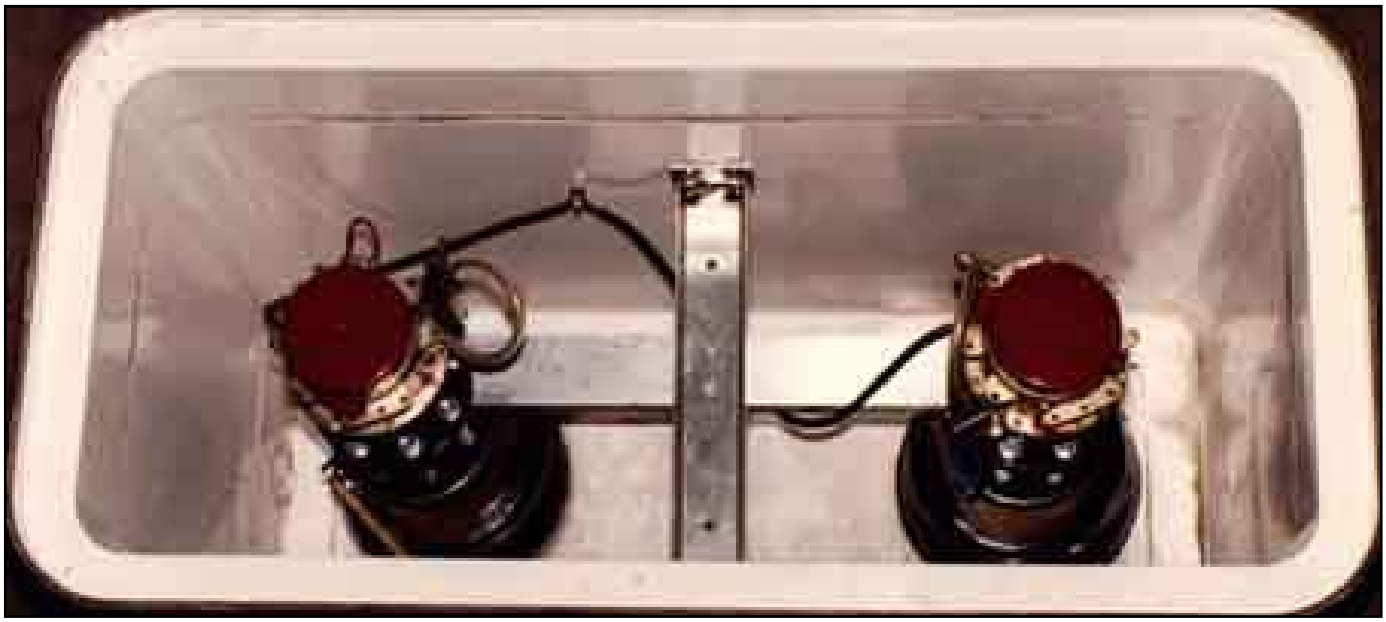
Each cover is guaranteed to withstand a dual 200,000 lb (90720 Kg) load applied over 200 square inches (1290 cm^2) tire footprint areas placed anywhere on the cover (1000 psi (70.3 Kg/cm^2) rating). This represents a 4:1 safety factor. All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105 "Sampling Procedures and Tables for Inspection Attributes".

Available Depths:

18, 30, 52, 60 and 72 inches (460, 760,1320, 1525 and 1830 mm). Other depths are available on special order.

GNY Aircraft Ground Service Pits

Model: 6000 Dual Fuel Hydrant



Plan view of Model 6000 shown with dual aircraft hydrants.

Pit Cover:

The Model 6000 pit cover is a three piece, non-skid, non-sparking assembly consisting of one stationary outer ring and two inner access covers. The inner covers can be opened a full 180 degrees with a 25lb (11.4 Kg) single hand lift on a non-weight bearing hinge. When open two 18 inch (460 mm) diameter openings are exposed. Each cover is manufactured from a high strength aluminum-zinc alloy. Covers conform to Federal Specification QQ-A-601F alloy 712.0 (formerly 40E).

Load Testing and Quality Assurance:

Each cover is guaranteed to withstand a dual 200,000 lb (90720 Kg) load applied over 200 square inches (1290 cm²) tire footprint areas placed anywhere on the cover (1000 psi (70.3 Kg/cm²) rating). This represents a 4:1 safety factor. All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105 "Sampling Procedures and Tables for Inspection Attributes".

Available Depths:

39, 48, 72, 78, 84, 96, 108, 120, 132 and 144 inches (990, 1220, 1830, 1980, 2135, 2440, 2745, 3050, 3355 and 3660 mm). Other depths are available on special order.

Options:

- Flanged steel support frame for cover integrally bonded to the fiberglass shell.
- Side extensions available on special order.
- Liquid tight penetrations (electrical conduit, piping, etc.) through shell walls and base are available.
- Split top shell to enable continuous concrete apron panel pour.
- A solid, liquid tight, flat base is available.
- Collection Sump for use with a drain trough.
- Water-resistant feature available.

GNY Aircraft Ground Service Pits

Double Hinge Cover for Model 1463/1480

GNY Model 1463-DH for Wash Water

Design to:

Allow for greater access to pit equipment. Inner cover gives 18 inch diameter when opened. However, inner and outer cover open allows for 23.5 inch diameter. The inner cover can be opened a full 180 degrees with a 25 Lb (11.4 Kg) single hand lift. The outer cover can be opened approximately 120 degrees with approximately the same amount of force required. GNY Model 1463FM Pit shown with special wash water valve assembly.

Color:

Safety Orange.

GNY Aircraft Ground Service Pits
Model: 6000-33 Air Start Picture

Pit contains hose, coupler (both visible) and coupler holder (partially visible)

Designed To:
Model 6000-33 Pit shown with air start hose and nozzle. This pit is used to start the aircraft engine turbine on the ramp. The pit design is more geared towards specialist applications where extra space is required for piping, electrical conduit and junction boxes etc.

Other applications include fuel hydrant, fuel isolation, combination fuel high point vent/low point drain, water service, air start, preconditioned air, electrical service and surge suppressor. In addition the Model 6000-33 pit can be used for maintenance and vault access.

Pit Shell:
The Model 6000-33 pit shell is a one piece molded GRP unit composed of 30% high quality glass fiber and 70% polyester resin. The shell wall is nominally three-eighths (0.375) inches (9.5mm) thick. The inside dimensions of the shell are 61 inches (1550 mm) long by 25.5 inches (650 mm) wide. This shell has a 33 inch (840 mm) bumpout with a 8 inch (205 mm) pipe entrance bumpouts. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright clean environment and appearance.

Pit Cover:
The Model 6000-33 pit cover is a three piece, non-skid, non-sparking assembly consisting of one stationary outer ring and two inner access covers. The inner covers can be opened a full 180 degrees with a 25lb (11.4 Kg) single hand lift on a non-weight bearing hinge. When open two 18 inch (460 mm) diameter openings are exposed. Each cover is manufactured from a high strength aluminum-zinc alloy. Covers conform to Federal Specification QQ-A-601F alloy 712.0 (formerly 40E).

Load Testing and Quality Assurance:
Each cover is guaranteed to withstand a dual 200,000 lb (90720 Kg) load applied over 200 square inches (1290 cm^2) tire footprint areas placed anywhere on the cover (1000 psi (70.3 Kg/cm^2) rating). This represents a 4:1 safety factor. All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105 "Sampling Procedures and Tables for Inspection Attributes".

Available Depths:
39, 48, 72, 78, 84, 96, 108, 120, 132 and 144 inches (990, 1220, 1830, 1980, 2135, 2440, 2745, 3050, 3355 and 3660 mm). Other depths are available on special order.

Options:

- Flanged steel support frame for cover integrally bonded to the fiberglass shell. Side extensions available on special order.
- Liquid tight penetrations (electrical conduit, piping, etc.) through walls and shell base are available.
- Split top shell to enable continuous concrete apron panel pour.
- A solid, liquid tight, flat base is available.
- Collection Sump for use with a drain trough other applications include Fuel Hydrant.
- Inner cover seal comprised of a fuel resistant "O" ring installed in a machined groove.

GNY Aircraft Ground Service Pits

Model: 6200 Fuel Hydrant Picture

Model 6200 Pit shell and cover for fuel hydrant.

Designed To:
Provide Fuel service directly to aircraft on the ramp. Other applications include fuel isolation, combination fuel high point vent/low point drain, water service, air start, preconditioned air, electrical service, surge suppressor and sump. In addition the Model 6200 pit can be used for maintenance and vault access.

A Specialty application of this pit may be used to provide extra light on the ramp using a 500 Watt telescopic floodlight.

Pit Shell:
The Model 6200 pit shell is a one piece molded GRP unit composed of 30% high quality glass fiber and 70% polyester resin. The shell wall is nominally three-eighths (0.375) inches (9.5mm) thick. The inside dimensions of the shell are 25.5 inches (650 mm) square by 40 inches (1015 mm) wide. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright clean environment and appearance.

Pit Cover:
The Model 6200 pit cover is a two piece, non-skid, non-sparking assembly consisting of one stationary outer ring and an inner access cover. The inner cover can be opened a full 180 degrees with a 25lb (11.4 Kg) single hand lift on a non-weight bearing hinge. When open an 18 inch (460 mm) diameter opening is exposed. Each cover is manufactured from a high strength aluminum-zinc alloy. Covers conform to Federal Specification QQ-A-601F alloy 712.0 (formerly 40E).

Load Testing and Quality Assurance:
Each cover is guaranteed to withstand a dual 200,000 lb (90720 Kg) load applied over 200 square inches (1290 cm²) tire footprint areas placed anywhere on the cover (1000 psi (70.3 Kg/cm²) rating). This represents a 4:1 safety factor. All covers are proof load tested and evaluated in accordance with the United States Military Standard MIL-STD-105 "Sampling Procedures and Tables for Inspection Attributes".

Available Depths: 52, 72 and 144 inches (1320, 1830 and 3658 mm). Other depths are available on special order.

Options:

- Side extensions available on special order.
- Liquid tight penetrations (electrical conduit, piping, etc.) through shell wall and base are available.
- Split top shell to enable continuous concrete apron panel pour.
- A solid, liquid tight, flat base is available.
- Collection Sump for use with a drain trough.
- Water-resistant feature available.

GNY Aircraft Ground Service Pits

Fiber Reinforced Cover Picture

Model 3030 GRP Composite Pit

Design to: To be an ultra-light alternative to conventional cast metal covers without compromising performance. The cover can be removed easily by one operator of either sex without any risk of injury. GRP composite manhole systems are the least expensive option when the total cost of ownership is reviewed.

Other applications include fuel isolation, combination fuel high point vent/low point drain, water service, air start, preconditioned air, electrical service and surge suppressor. In addition the Model 3030 pit can be used for maintenance and vault access.

Pit Shell:
The Model 3030 pit shell is a one piece molded GRP unit composed of 30% high quality glass fiber and 70% polyester resin. The shell wall is nominally three-eighths (0.375) inches (9.5mm) thick. The inside dimensions of the shell are 30 inches (760 mm) square by 48 inches (1220 mm) deep. The shell interior is coated with a resin-rich gel coat having a white pigment to provide a bright clean environment and appearance.

Pit Cover:
The Model 3030 pit cover is a one piece, non-skid, non-sparking, chemical resistant and fire resistant. Each cover is supplied complete with a high strength aluminum alloy fame. The frame is designed to accept a metal or GRP skirt. When open a 30 inch (760 mm) square opening is exposed. Each cover is manufactured from a high strength a GRP (not the same as the pit shell above). A formed stainless steel operating handle with a cast alloy key and plastic handle is supplied with this pit. The standard cover is black but a range of colors can be made to order. Identification plates are available for these covers.

Load Testing and Quality Assurance:
Each cover is guaranteed to withstand a 200,000 lb (90720 Kg) load applied over 200 square inches (1290 cm²) tire footprint areas placed anywhere on the cover (1000 psi (70.3 Kg/cm²) rating). This represents a 4:1 safety factor.

Testing by the United States Testing Company showed that the manholes exceed DOT H20 requirements.

Independent testing carried out by the British Standards Institute showed that the covers conformed to the structural requirements of BS EN 124: 1994 Clause 8, Class C250.

A 300 cycle wear test on Teledyne Taber Abrader was performed. The weight loss was measured in less than grams and virtually no wear was exhibited.

Available Depths: 18, 30, 60, 72, and 144 inches (460, 760, 1320, 1830 and 3660 mm). Other depths available on special order.

Options: Side extensions available on special order.

•Liquid tight penetrations (electrical conduit, piping, etc.) through shell base are available.

•Split top shell to enable continuous concrete apron panel pour. A solid, liquid tight, flat bottom is available.

•Collection Sump for use with a drain trough.

GNY GROUND SERVICE ELECTRIC PITS

GNY MODEL 6000-WR for Client: CESSNA AIRCRAFT, USA

ELECTRIC PITS: 60 AMP, 30 AMP, 2 DUAL 20 AMP AND AIR WITH PHONE

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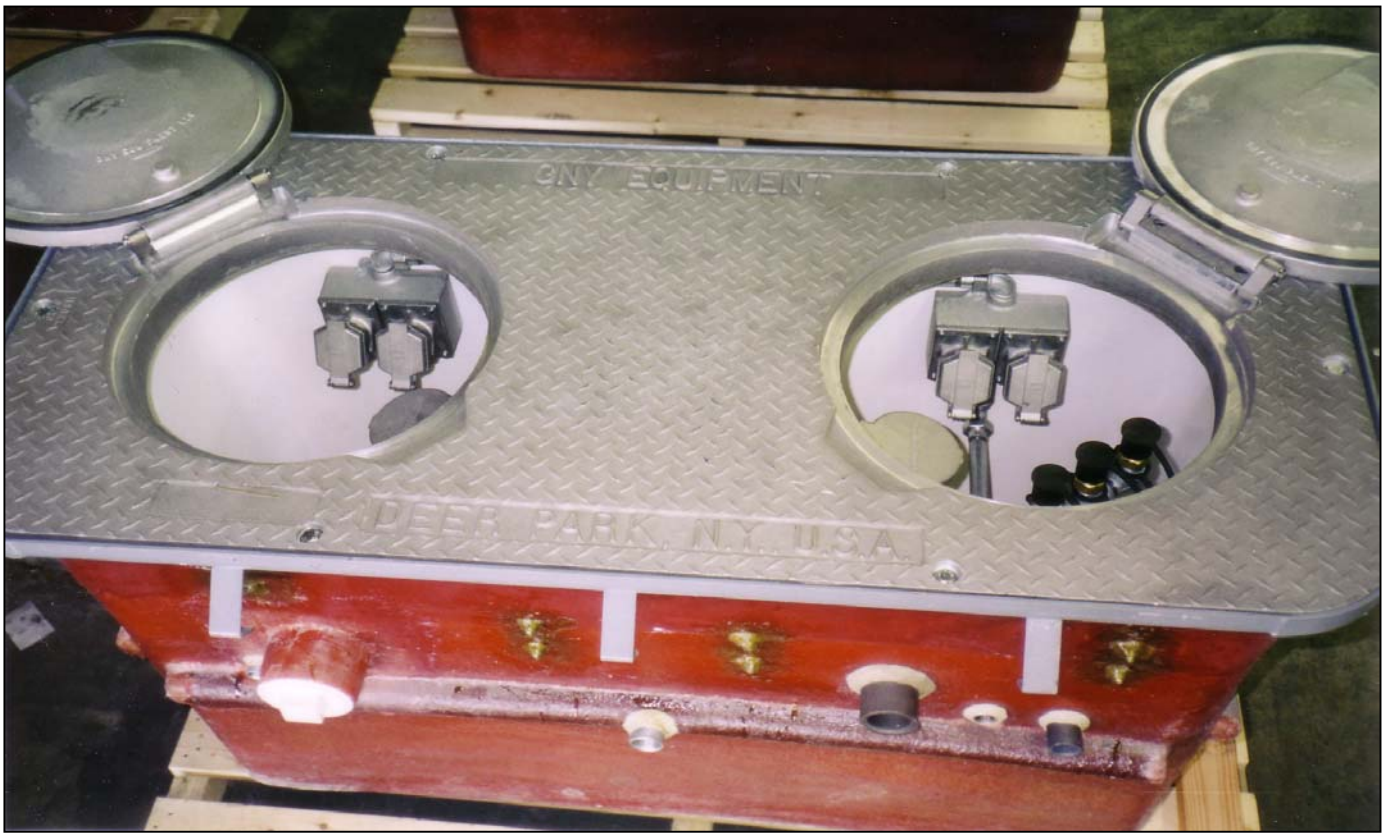
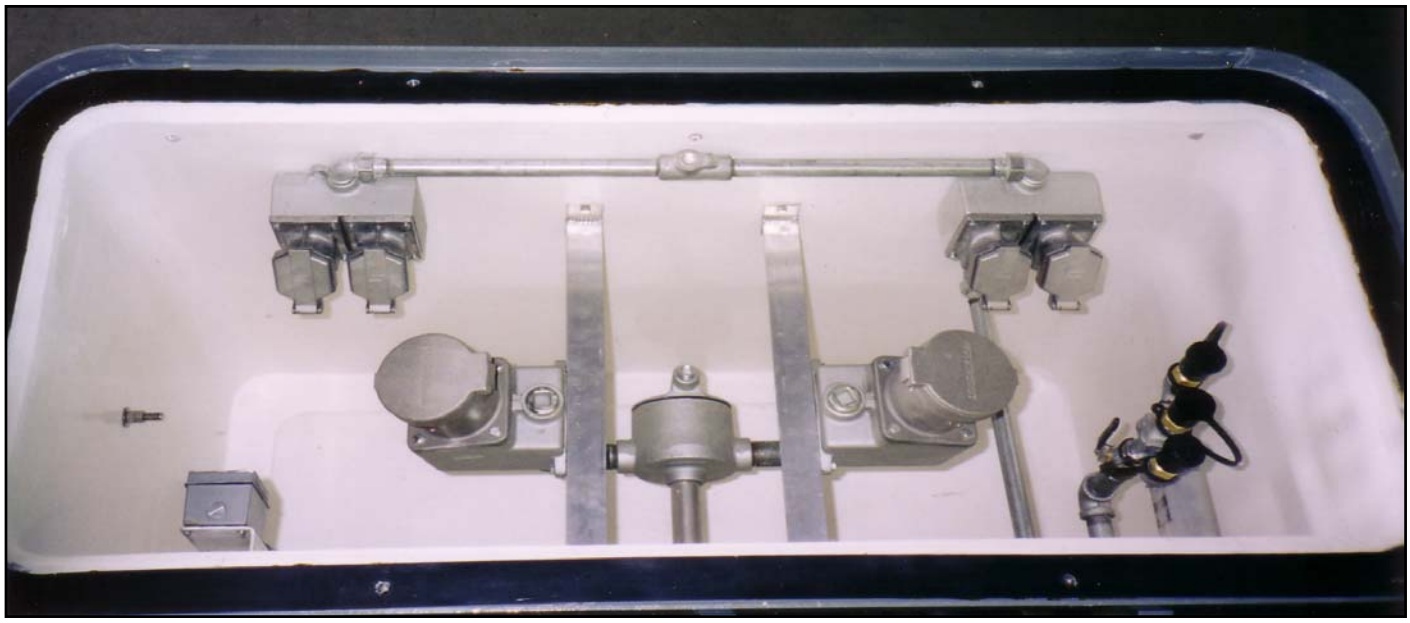
GNY MODEL 6000-WR for Client: CESSNA AIRCRAFT, USA

ELECTRIC PITS: 60 AMP, 30 AMP, 2 DUAL 20 AMP AND AIR WITH PHONE





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GNY GROUND SERVICE ELECTRIC PITS

GNY MODEL 6000-WR for Client: CESSNA AIRCRAFT, USA

ELECTRIC PITS: 60 AMP, 30 AMP, 2 DUAL 20 AMP AND AIR WITH PHONE

GNY GROUND SERVICE ELECTRIC PITS

GNY MODEL 6000-WR for Client: CESSNA AIRCRAFT, USA

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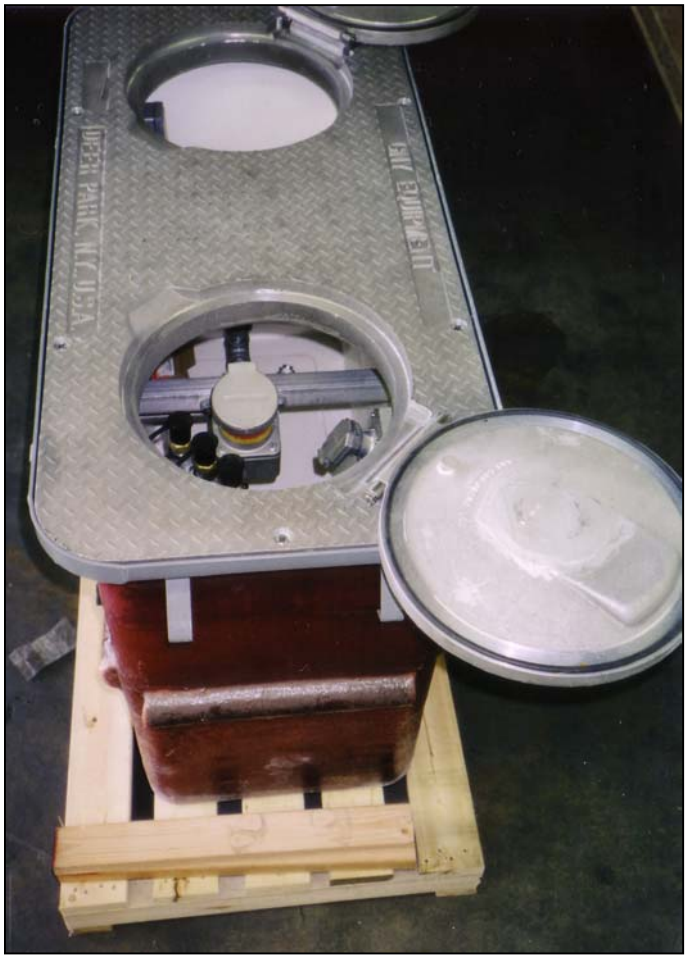
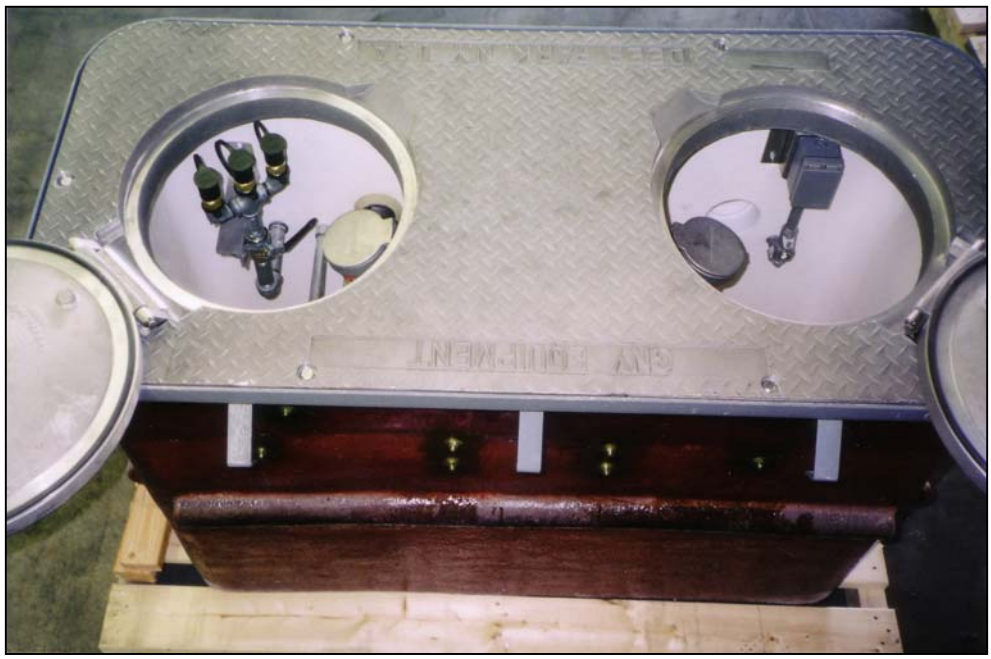
AND AIR WITH PHONE





GNY GROUND SERVICE PIT
(MODEL NO. 6200-WR)
ELECTRIC PIT: 400 Hz. and 60Hz.
(For Lufthansa Cargo)

GNY GROUND SERVICE PIT
(MODEL NO. 6200-WR)
ELECTRIC PIT: 400 Hz. and 60Hz.
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