



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 6, 1995

R.G. Lee, Jr.
Lee Engineering
2316 Calle de Rafael NE
Albuquerque, NM 87122

RE: REVISED DRAINAGE PLAN FOR PROPOSED BUILDING ON LOT 6-A,
MANUEL SANCHEZ SUBDIVISION 4420 SECOND STREET NW
(G14-D50) REVISION DATED 1/3/95.

Dear Mr. Lee:

Based on the information provided on your January 31, 1995 resubmittal, the above referenced site is approved for Building Permit.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

Also, prior to Certificate of Occupancy release, Engineer Certification per the D.P.M. checklist will be required.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya, CE
Engineering Associate

BJM/dl

c: Andrew Garcia
Xavier Sanchez
File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Proposed Building ZONE ATLAS/DRWNG. FILE #: G-14/D50

LEGAL DESCRIPTION: Lot 6-A, Manuel Sanchez Subdivision, Albuquerque, New Mexico

CITY ADDRESS: 4420 Second Street N.W.

ENGINEER FIRM: Lee Engineering CONTACT: R.G. Lee, Jr.

ADDRESS: 2316 Calle De Rafael N.E. PHONE: (505) 822-8999

Albuquerque NM 87122

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

OWNER: Xavier Sanchez CONTACT: _____

ADDRESS: 333 Aspen N.W. PHONE: (505) 242-2851

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

PRE-DESIGN MEETING:

 YES

 X NO

 COPY OF CONFERENCE RECAP

SHEET PROVIDED

DRB NO. _____

EPC NO. _____

PROJ.NO _____

TYPE OF SUBMITTAL:

 DRAINAGE REPORT

 X DRAINAGE PLAN

 CONCEPTUAL GRADING & DRAINAGE PLAN

 X GRADING PLAN

 EROSION CONTROL PLAN

 ENGINEER' CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

 SKETCH PLAT APPROVAL

 PRELIMINARY PLAT APPROVAL

 SITE DEVELOPMENT PLAN APPROVAL

 FINAL PLAT APPROVAL

 X BUILDING PERMIT APPROVAL

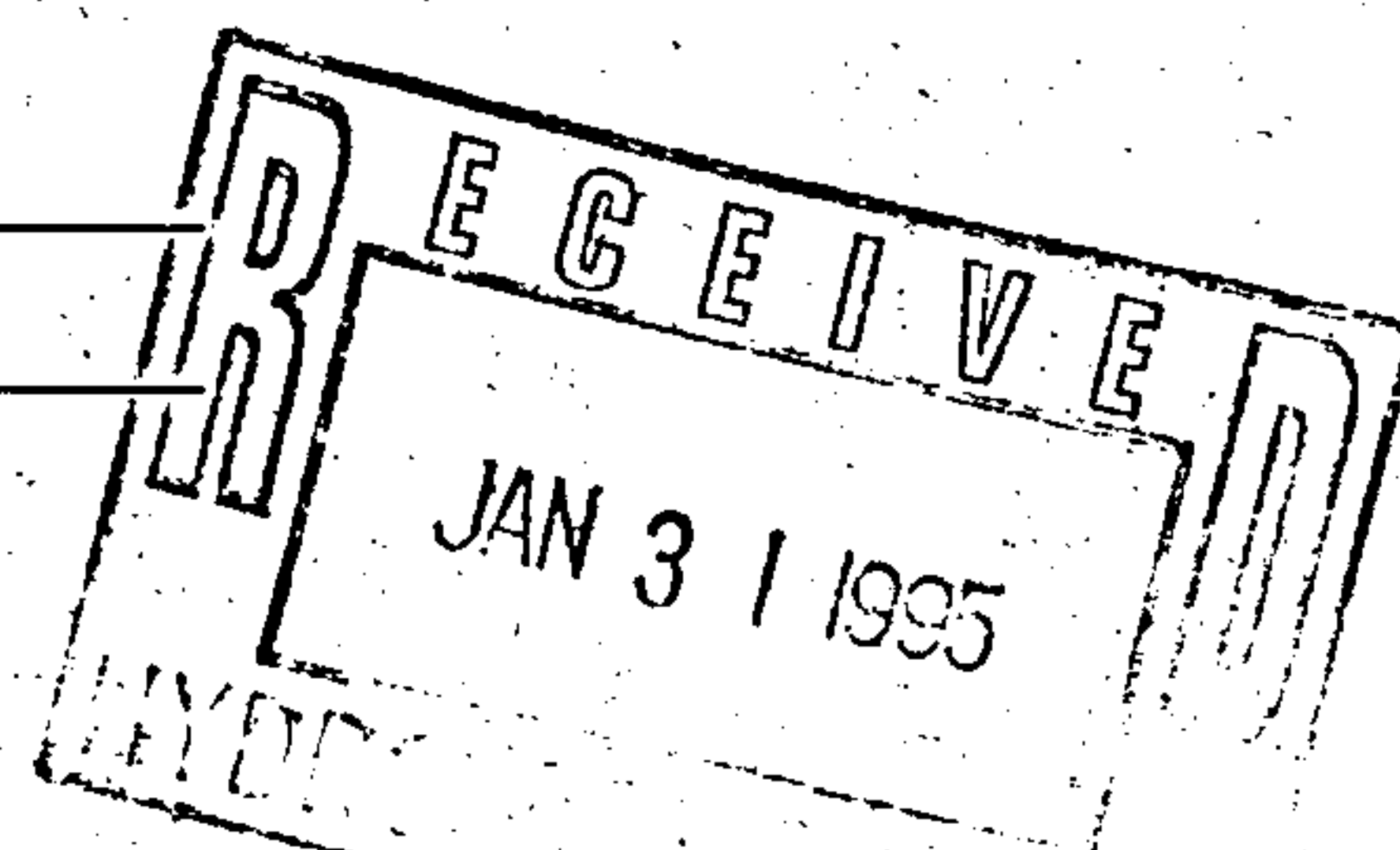
 ROUGH GRADING PERMIT APPROVAL

 GRADING/PAVING PERMIT APPROVAL

 OTHER _____ (SPECIFY)

DATE SUBMITTED January 26, 1995

BY: Herman Hood





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 14, 1994

R.G. Lee
Lee Engineering
2316 Calle de Rafael NE
Albuquerque, NM 87122

RE: REVISED DRAINAGE PLAN FOR PROPOSED BUILDING ON LOT 6-A
MANUEL SANCHEZ SUBDIVISION 4420 SECOND STREET NW (G14-D50)
REVISION DATED 10/13/94.

Dear Mr. Lee:

Based on the information provided on your November 7, 1994 resubmittal, the above referenced site is approved for Building Permit.

Please be advised that a separate permit is required for construction within City Right-of-Way.

A copy of this approval letter must be on hand when applying for the excavation permit.

Also, prior to Certificate of Occupancy release, Engineer Certification per the D.P.M. checklist will be required.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

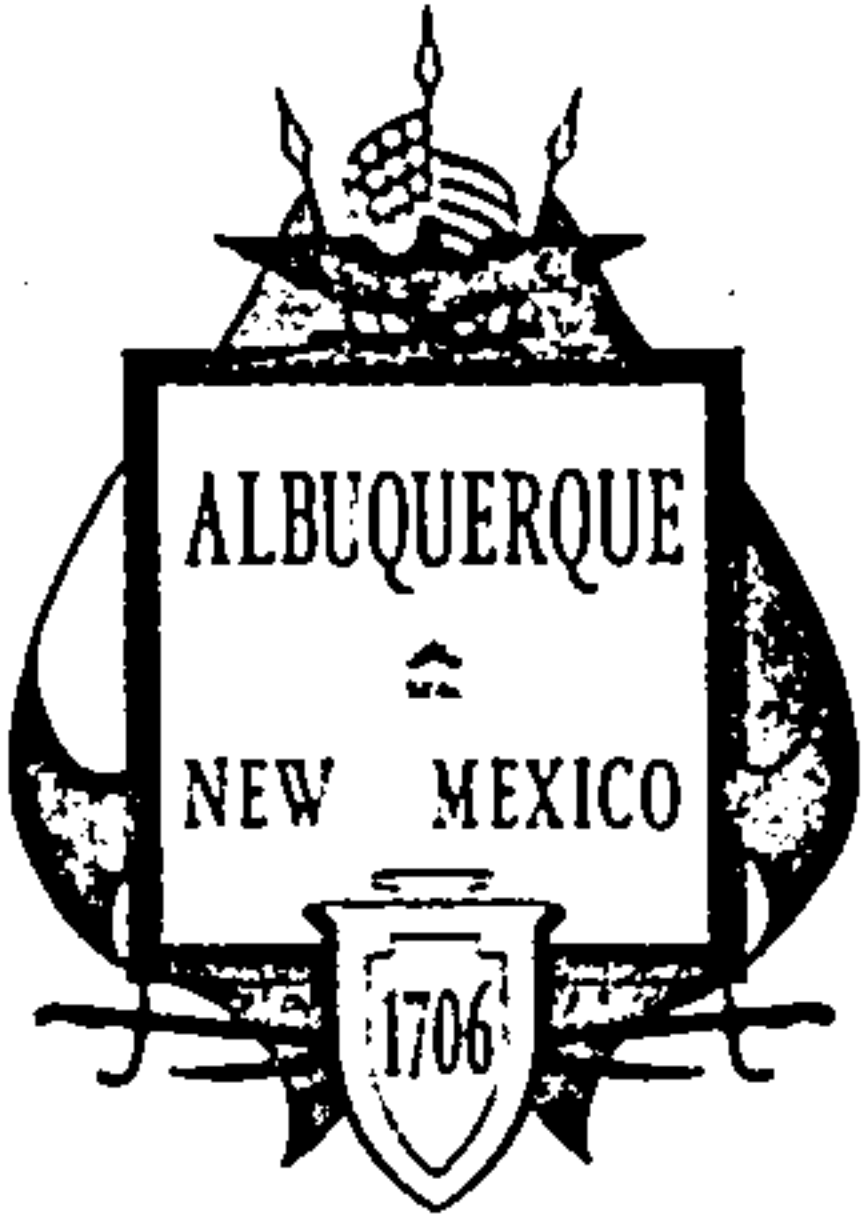
If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya, CE
Engineering Associate

BJM/d1/WPHYD/3542

c: Andrew Garcia
Arlene Portillo
Xavier Sanchez
File



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

August 21, 1992

R.G. Lee
Lee Engineering
8225 Connecticut NE
Albuquerque, NM 87110

RE: REVISED DRAINAGE PLAN FOR PROPOSED BUILDING ON LOT 6-A MANUEL
SANCHEZ SUBDIVISION - 4420 SECOND STREET NW (G-14/D50) REVISION DATED
7/31/92

Dear Mr. Lee:

Based on the information provided on your August 4, 1992 resubmittal, the
above reference site is approved for Building Permit.

Please attach a copy of this approved plan to the construction sets prior to
sign off by Hydrology..

Also, prior to Certificate of Occupancy release, Engineer Certification per
the D.P.M. Checklist will be required.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/ses/WPHYD3542

cc: Alan Martinez
File

PUBLIC WORKS DEPARTMENT

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Proposed Building ZONE ATLAS/DRWNG. FILE #: G-14/D50
LEGAL DESCRIPTION: Lot 6-A, Manuel Sanchez Subdivision, Albuquerque, New Mexico
CITY ADDRESS: 4420 Second Street N.W.
ENGINEER FIRM: Lee Engineering CONTACT: R.G. Lee, Jr.
ADDRESS: 2316 Calle De Rafael N.E. PHONE: (505) 822-8999
Albuquerque NM 87122
ARCHITECT: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
OWNER: Xavier Sanchez CONTACT: _____
ADDRESS: 333 Aspen N.W. PHONE: (505) 242-2851
SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____

PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY OF CONFERENCE RECAP
SHEET PROVIDED

DRB NO. _____
EPC NO. _____
PROJ.NO _____

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT
☒ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☒ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER' CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

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☐ PRELIMINARY PLAT APPROVAL
☐ SITE DEVELOPMENT PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☒ BUILDING PERMIT APPROVAL
☐ ROUGH GRADING PERMIT APPROVAL
☐ GRADING/PAVING PERMIT APPROVAL
☐ OTHER _____ (SPECIFY)

DATE SUBMITTED October 14, 1994

BY: Herman Hood

NOV 7 1994



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 16, 1992

R.G. Lee
Lee Engineering
8225 Connecticut, NE
Albuquerque, New Mexico 87110

RE: REVISED DRAINAGE PLAN FOR PROPOSED BUILDING ON LOT 6-A MANUEL
SANCHEZ SUBDIVISION - 4420 SECOND STREET, NW (G-14/D50)
REVISION DATED JUNE 18, 1992

Mr. Lee:

Based on the information provided on your submittal of June 19, 1992, listed you will find certain concerns that will need to be addressed prior to final approval:

1. By you placing 4" diameter river rock throughout the ponding area, you have lost 2/3 of your ponding capacity. You will need to increase the ponding area so that you may be able to contain the 1989.8 cu ft of volume required.
2. Do you propose to install an elbow on your proposed 1½" drain pipe so as to create a downflow condition instead of straight into the air?
3. You will probably need to design a concrete splash pad so that the water being pumped won't destroy the asphalt in the area of the release pipe.
4. Please include your calculations for the volume being provided compared to the volume required. Don't forget the 2/3 loss because of the gravel.

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

Bernie J. Montoya
Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bjf
(WP+3333)

PUBLIC WORKS DEPARTMENT

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Proposed Building ZONE ATLAS/DRWNG. FILE #: G-14/D50
LEGAL DESCRIPTION Lot 6-A, Manuel Sanchez Subdivision, Albuquerque, New Mexico
CITY ADDRESS: 4420 Second Street N.W.
ENGINEER FIRM: Lee Engineering CONTACT: R.G. Lee, Jr.
ADDRESS: 8225 Connecticut Ave. N.E. PHONE: (505) 299-2471
ARCHITECT: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
OWNER: Xavier Sanchez CONTACT: _____
ADDRESS: 333 Aspen N.W. PHONE: (505) 242-2851
SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____

PRE-DESIGN MEETING:

____ YES
X NO
____ COPY OF CONFERENCE RECAP
____ SHEET PROVIDED

DRB NO. _____
EPC NO. _____
PROJ.NO _____

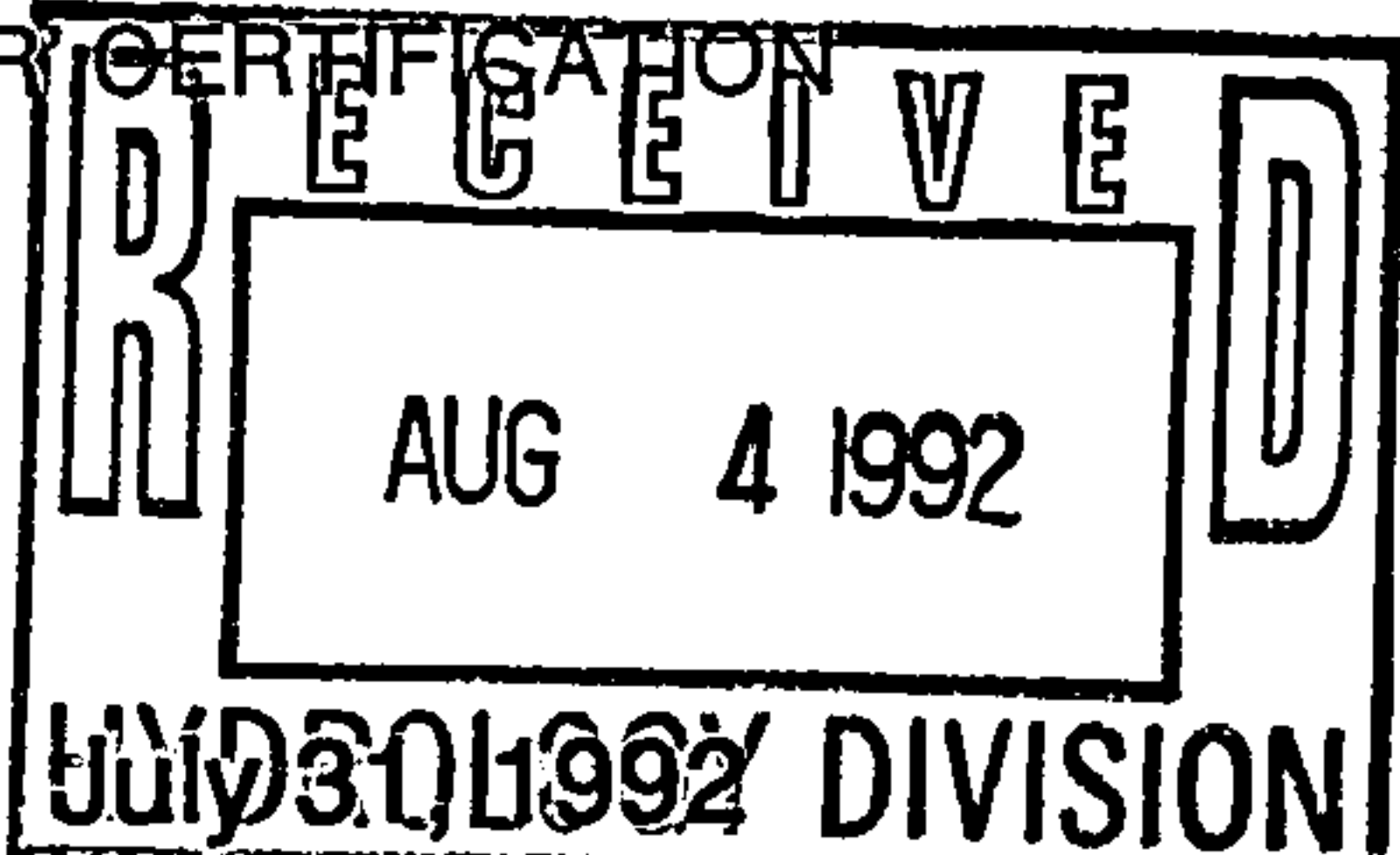
TYPE OF SUBMITTAL:

____ DRAINAGE REPORT
X DRAINAGE PLAN
____ CONCEPTUAL GRADING & DRAINAGE PLAN
X GRADING PLAN
____ EROSION CONTROL PLAN
____ ENGINEER CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT

____ SKETCH PLAT APPROVAL
____ PRELIMINARY PLAT APPROVAL
____ SITE DEVELOPMENT PLAN APPROVA
____ FINAL PLAT APPROVAL
X BUILDING PERMIT APPROVAL
____ ROUGH GRADING PERMIT APPROVAL
____ GRADING/PAVING PERMIT APPROVAL
____ OTHER _____ (SPECIFY)

DATE SUBMITTE



BY: Herman Hood

Weil

9660171 WEIL PUMP CO

application & construction

730 00055 0 E-35-19

1 1/4" Series 1400

Definition

The series 1400 submersible sump pump is a heavy duty unit suitable for both commercial and residential drainage applications. It is furnished with a suction strainer and 1 1/4" I.P.S. discharge connection.

Applications

Consider this pump for a wide range of uses:

- Basement drainage
- Elevator pits
- Display fountains
- Transformer vaults
- Septic tank effluent
- Swimming pool draining
- Drain tile

Standard Construction Pump, End Bell & Motor Shell Cast Iron.

Motor—1/2 HP, 1750 RPM, Single phase, 115V or 230V, hermetically sealed capacitor start with built-in overload protection and Class "B" insulation.

Three phase not available.

Impeller—Wellite phenolic (Bronze is available as standard option).

Shaft—The common pump and motor shaft is of 303 stainless steel.

Bearings—Factory sealed, grease lubricated ball type.

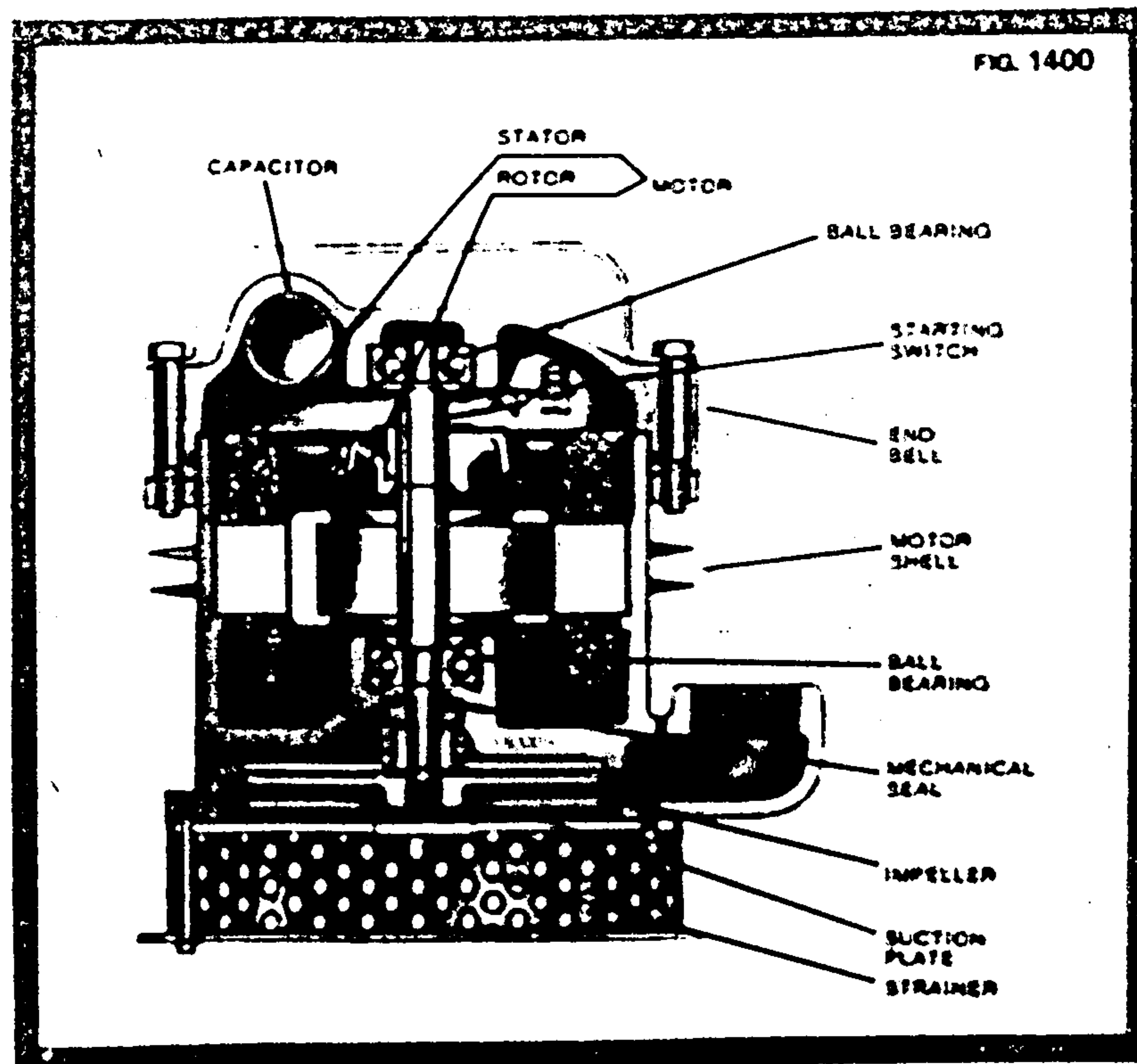
Mechanical Seal—Components of stainless steel, ceramic, graphite plastic, brass and Buna-N.

Strainer—Perforated steel plated.

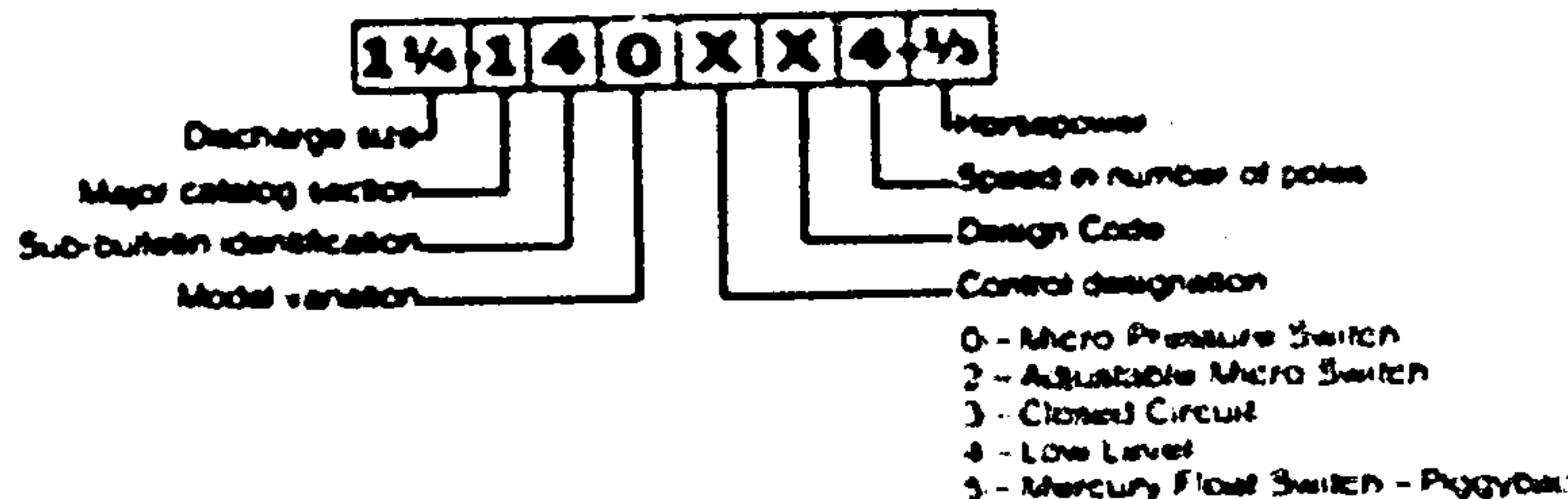
Controls—Eight arrangements are available. See page 4 for details.

PERFORMANCE CHART

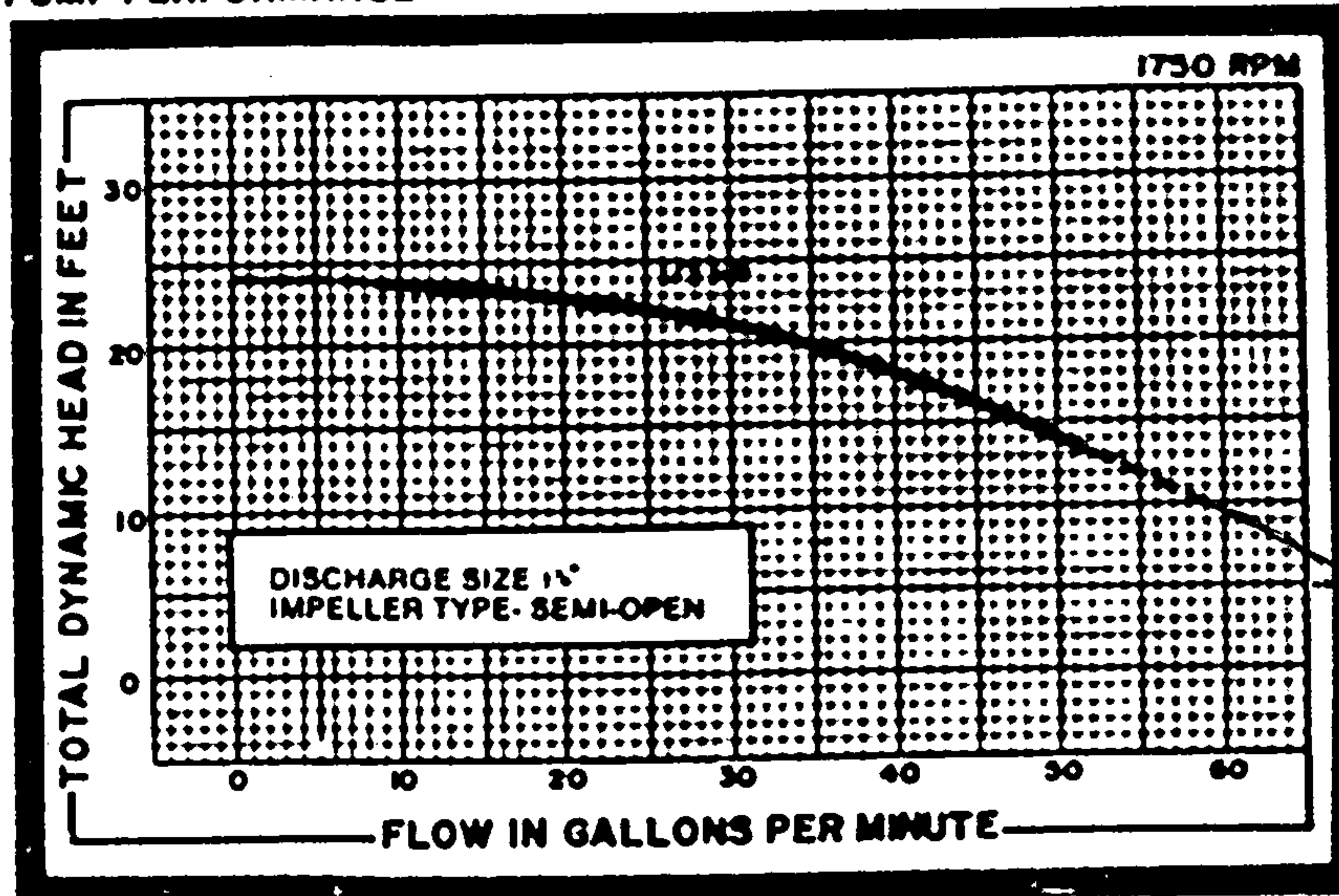
Discharge Head (feet)	24	22	20	18	13
Capacity (GPM)	10	25	35	45	52



Model Identification



PUMP PERFORMANCE



Weil controls

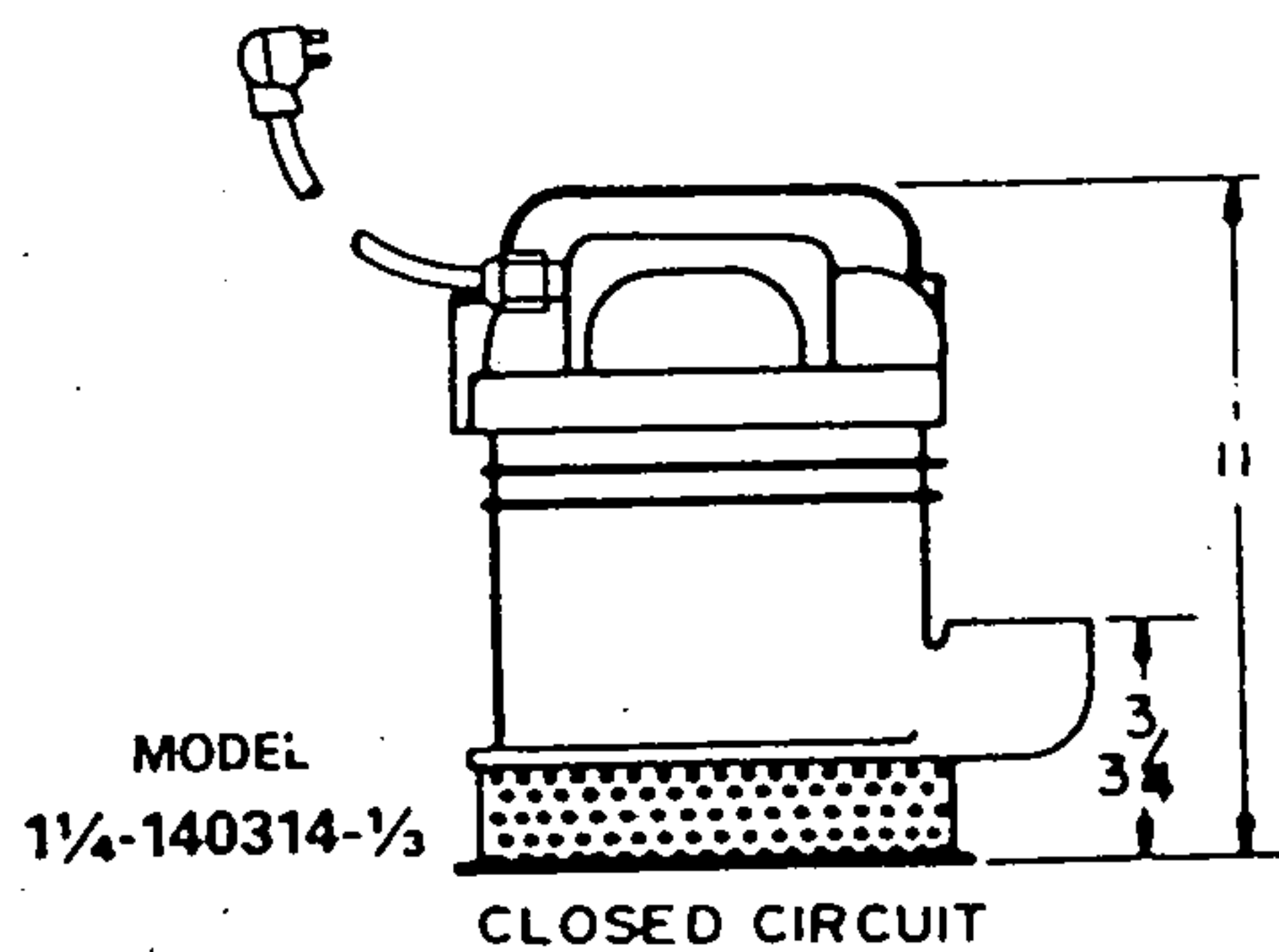


FIG. 14

The closed circuit model of each series is equipped with 10' of power cord and a ground plug. This model is used with all control arrangement except the micro-pressure switch.

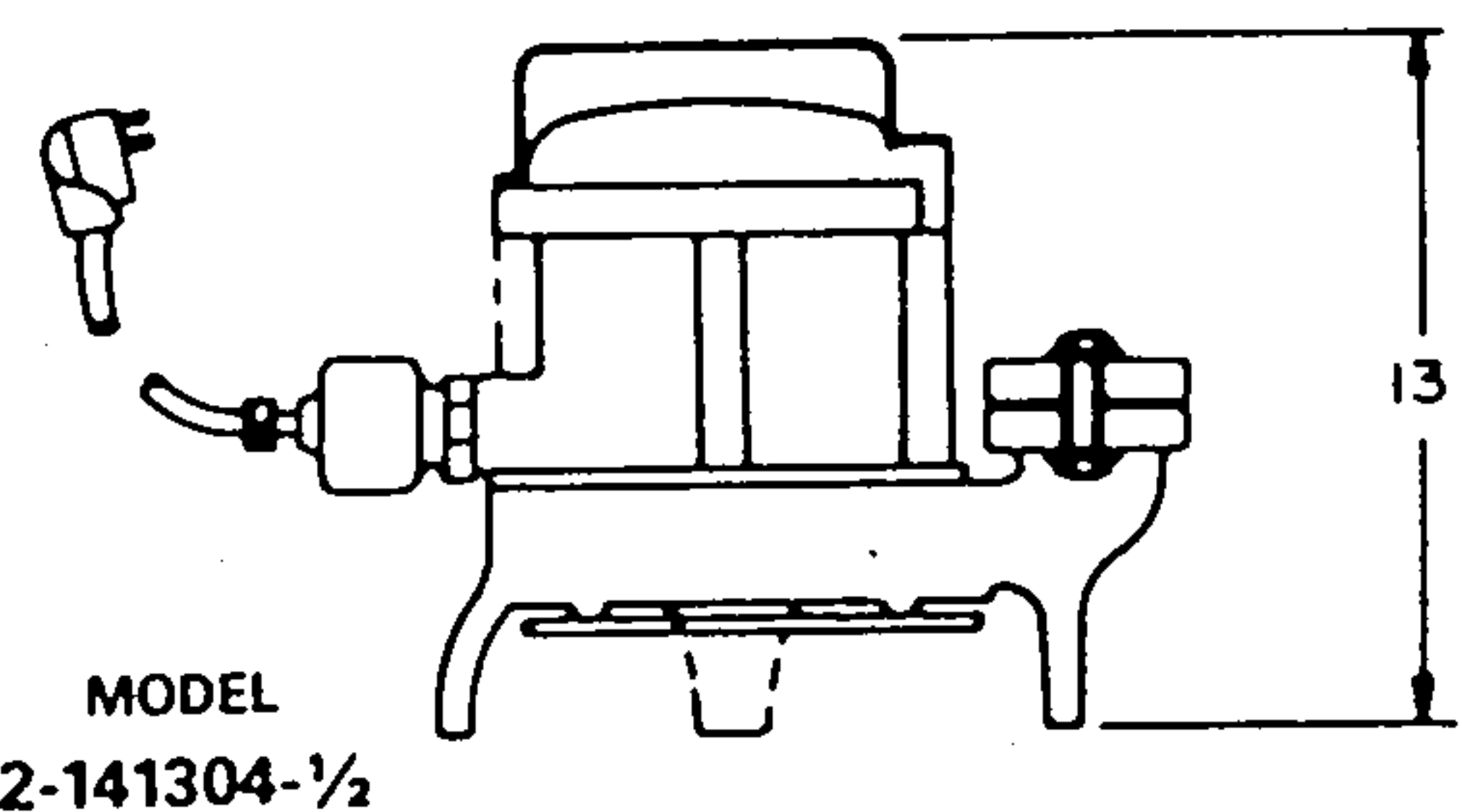
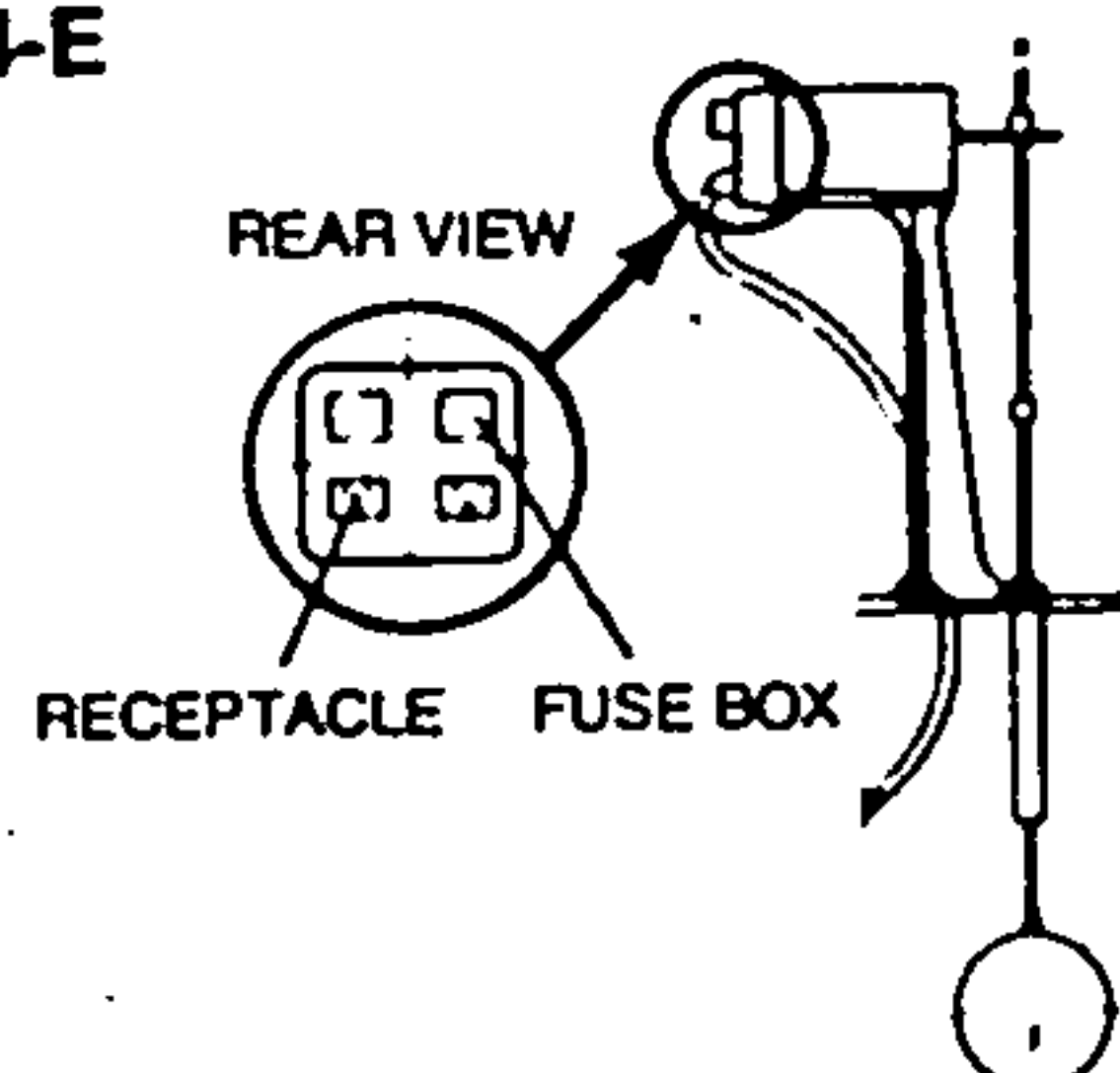
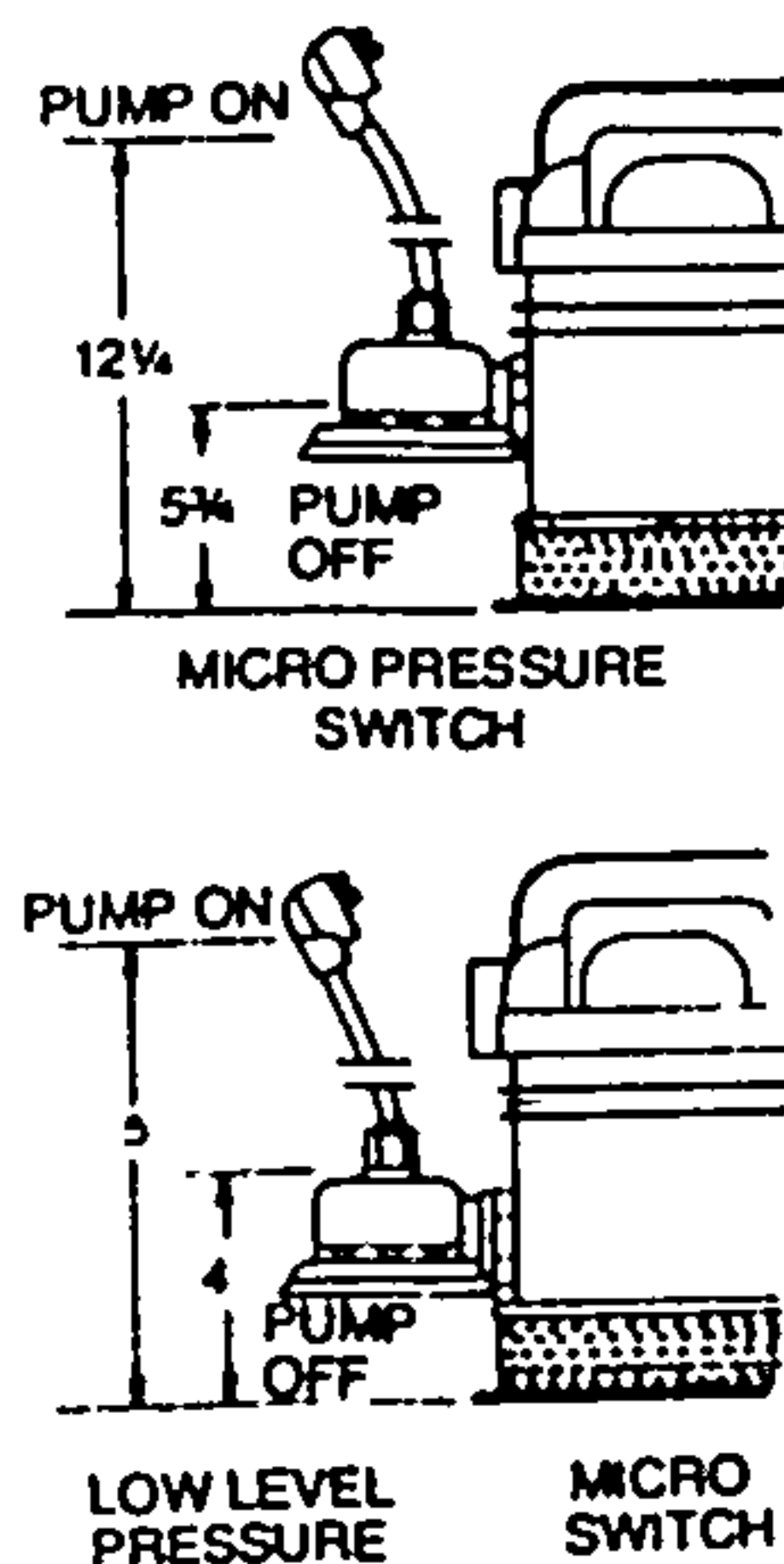


FIG. 14-E



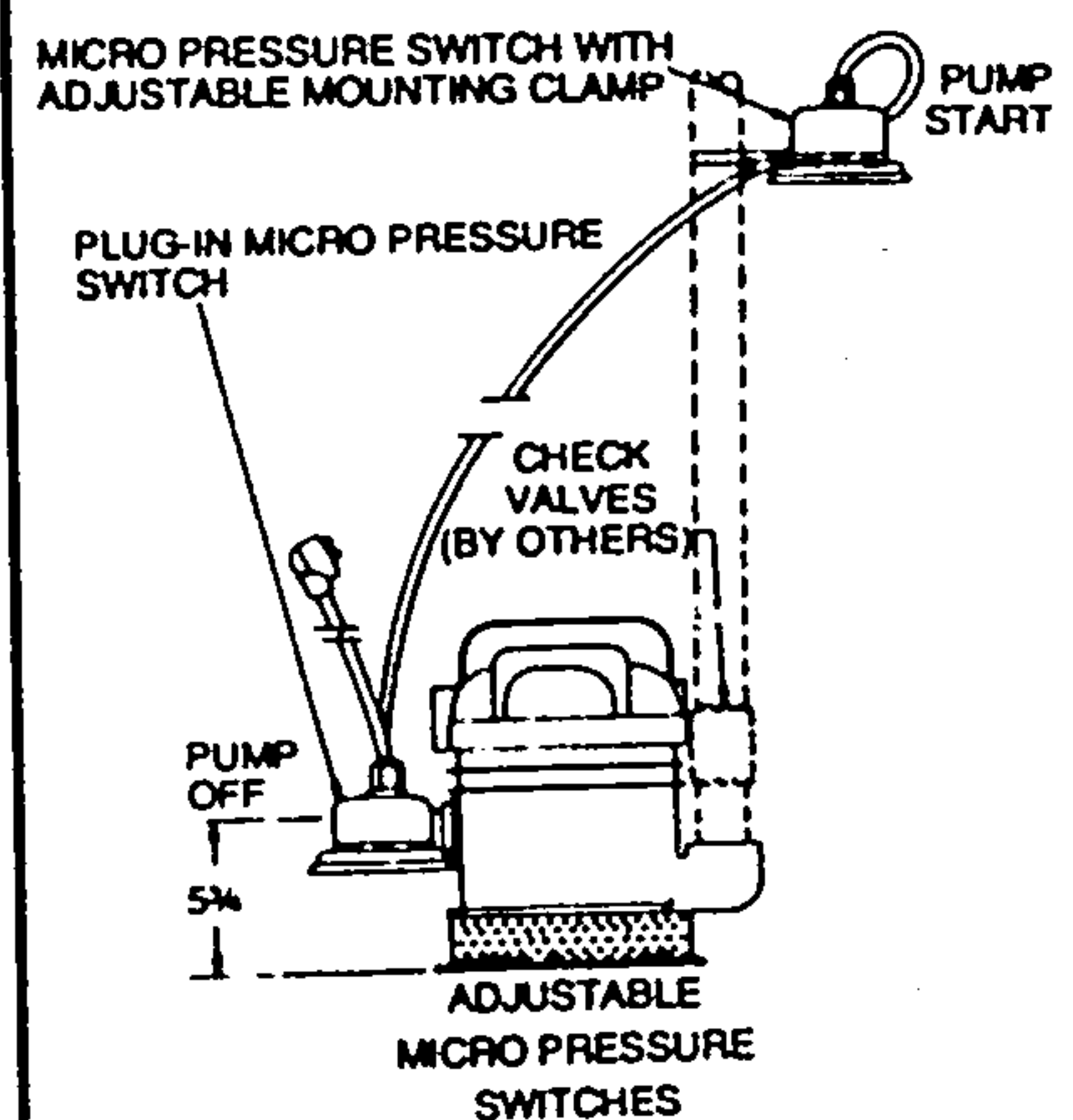
A pedestal mounted mechanical alternator used with two closed circuit pumps. The switch has built-in fuse protection and receptacles—ready to receive grounded plugs furnished with motor cords. Fig. 14-E. (For use with single phase 115 volt only.)

FIG. 14-A



A compression type micropressure switch, complete with 10' of PVC breather type cord having molded grounded plug and manual test button for 115 V. (Test button not furnished with 230 volt, single phase motors.) Fig. 14-A.

FIG. 14-C



One adjustable and one stationary compression type micro-pressure switch.

The pump start switch is mounted on discharge pipe. The two switches are connected with 36" of PVC breather cord. Fig. 14-C.

FIG. 14-B

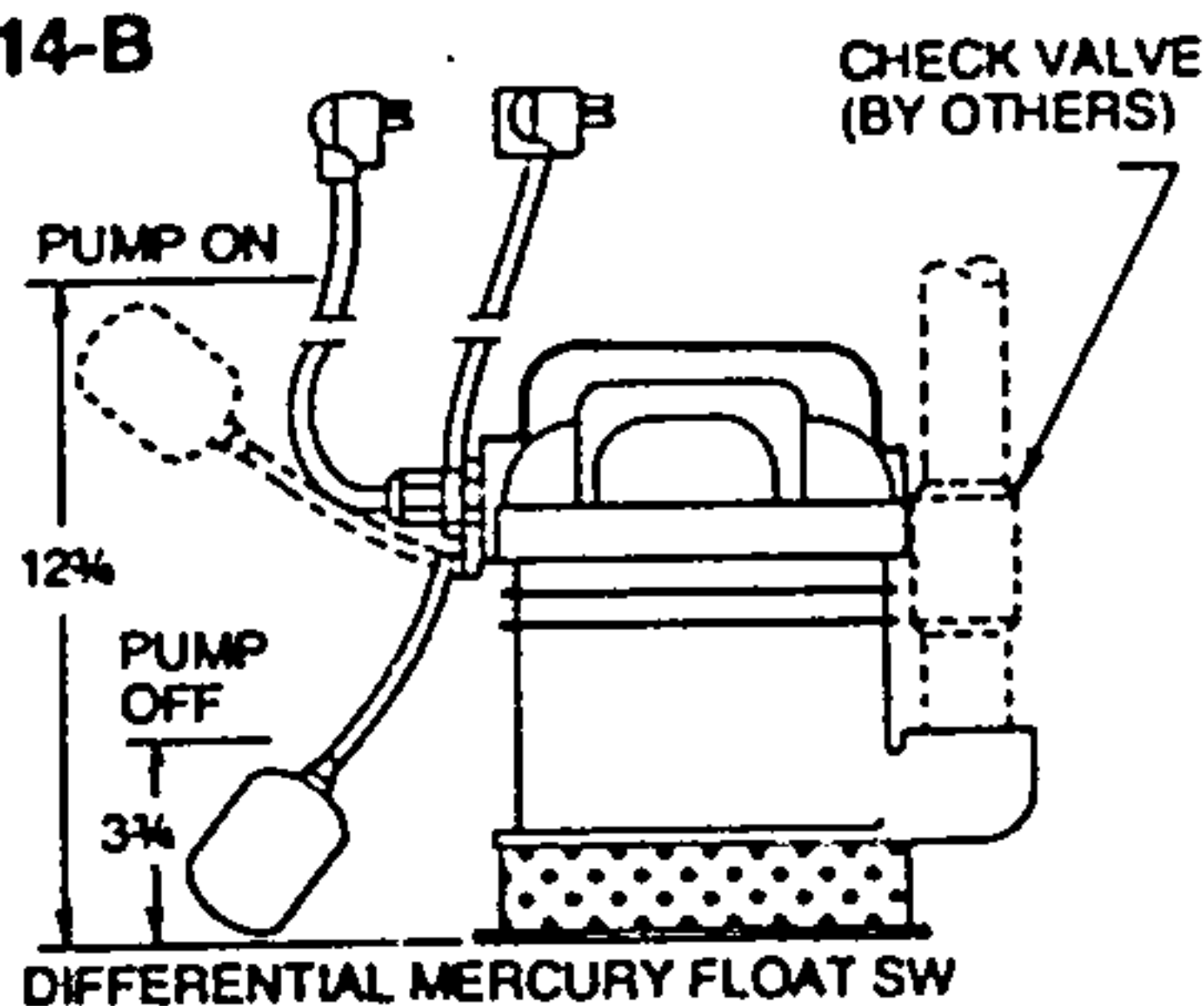
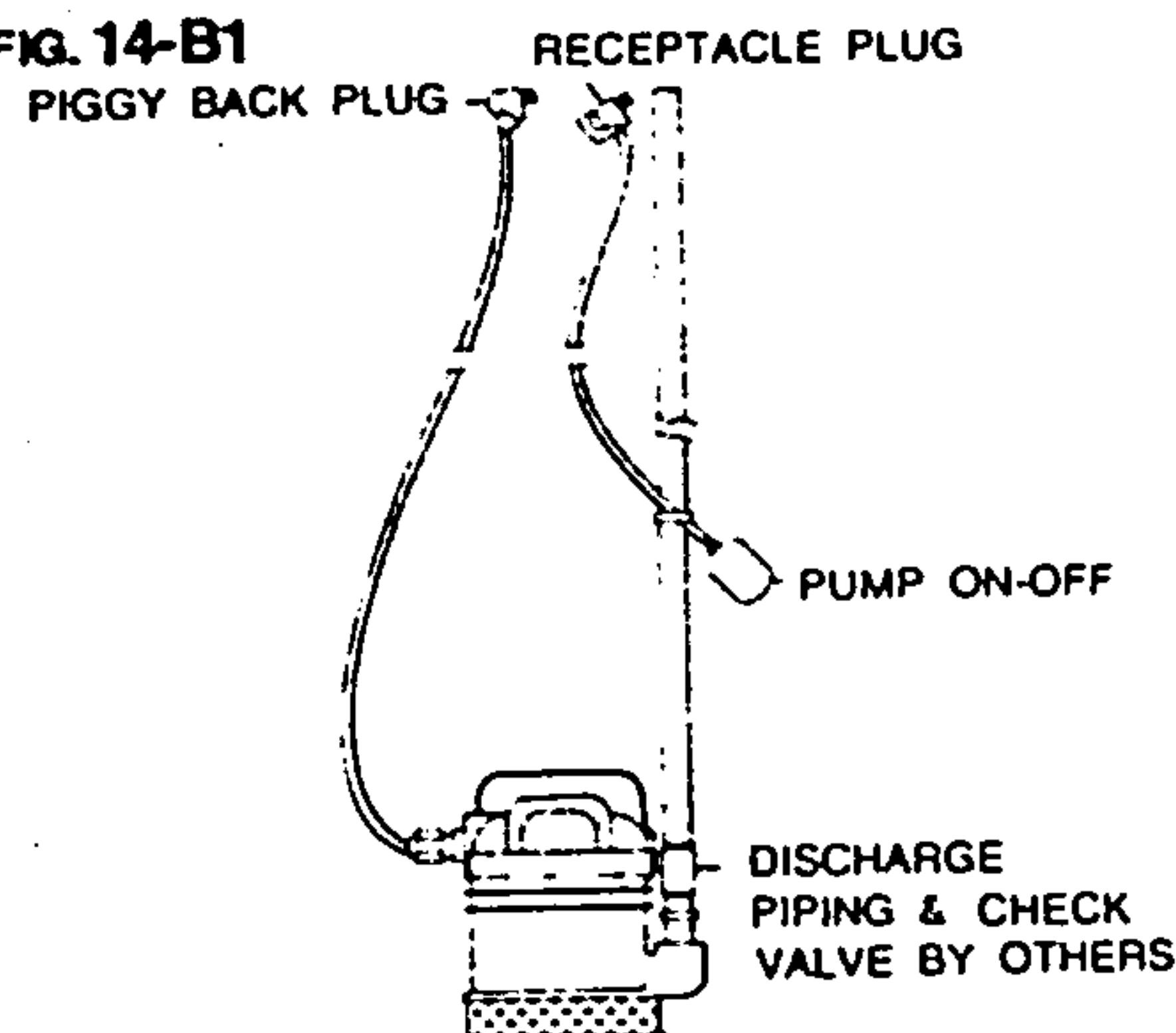
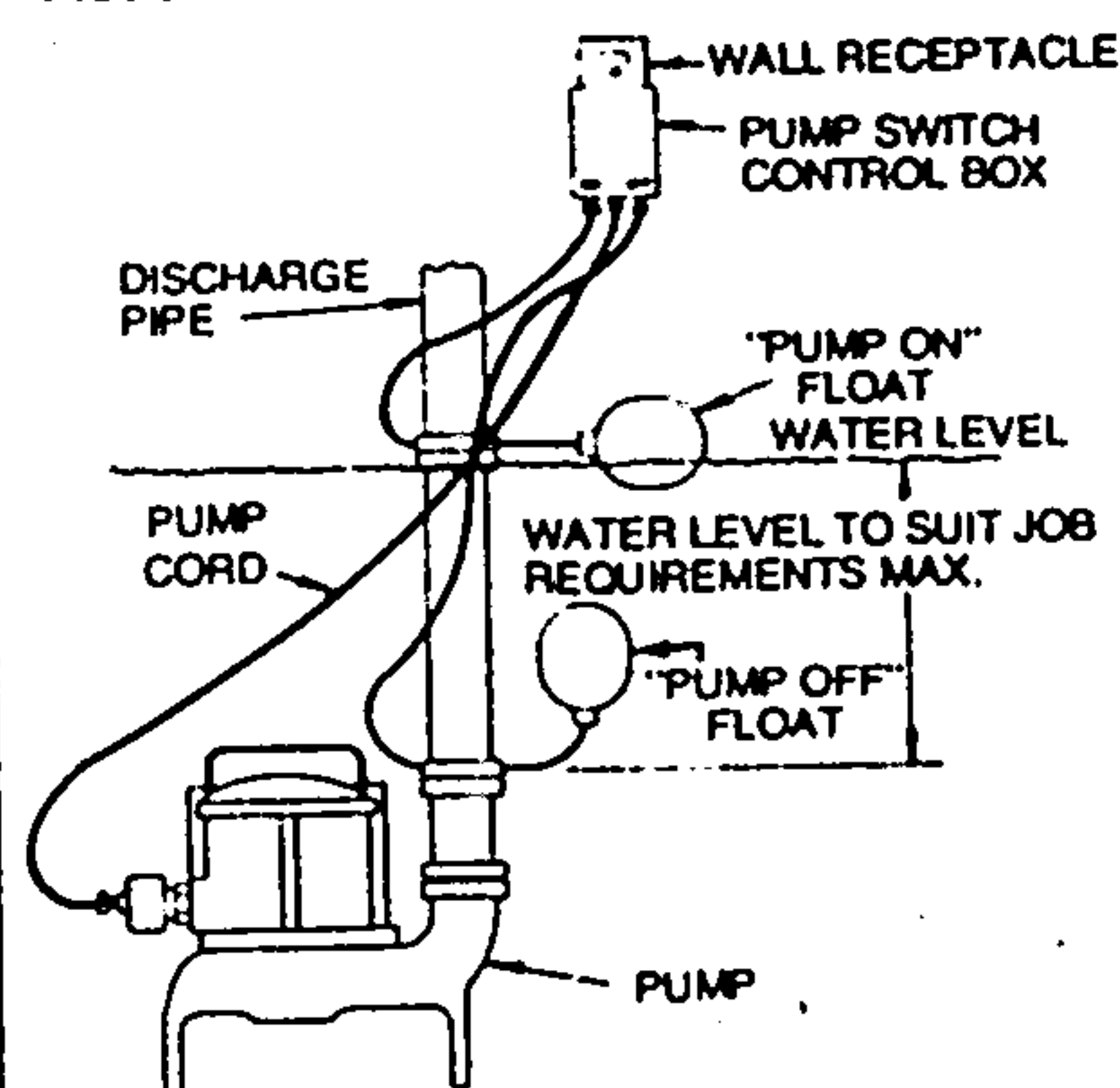


FIG. 14-B1



This single DIFFERENTIAL type mercury float switch can be bracket mounted on the pump or discharge pipe. The switch is suitable for either 115 V or 230 V single phase. It is furnished with 10' of PVC cord and a "piggy back" combination, grounded, plug and receptacle. Fig. 14-B and Fig. 14-B1.

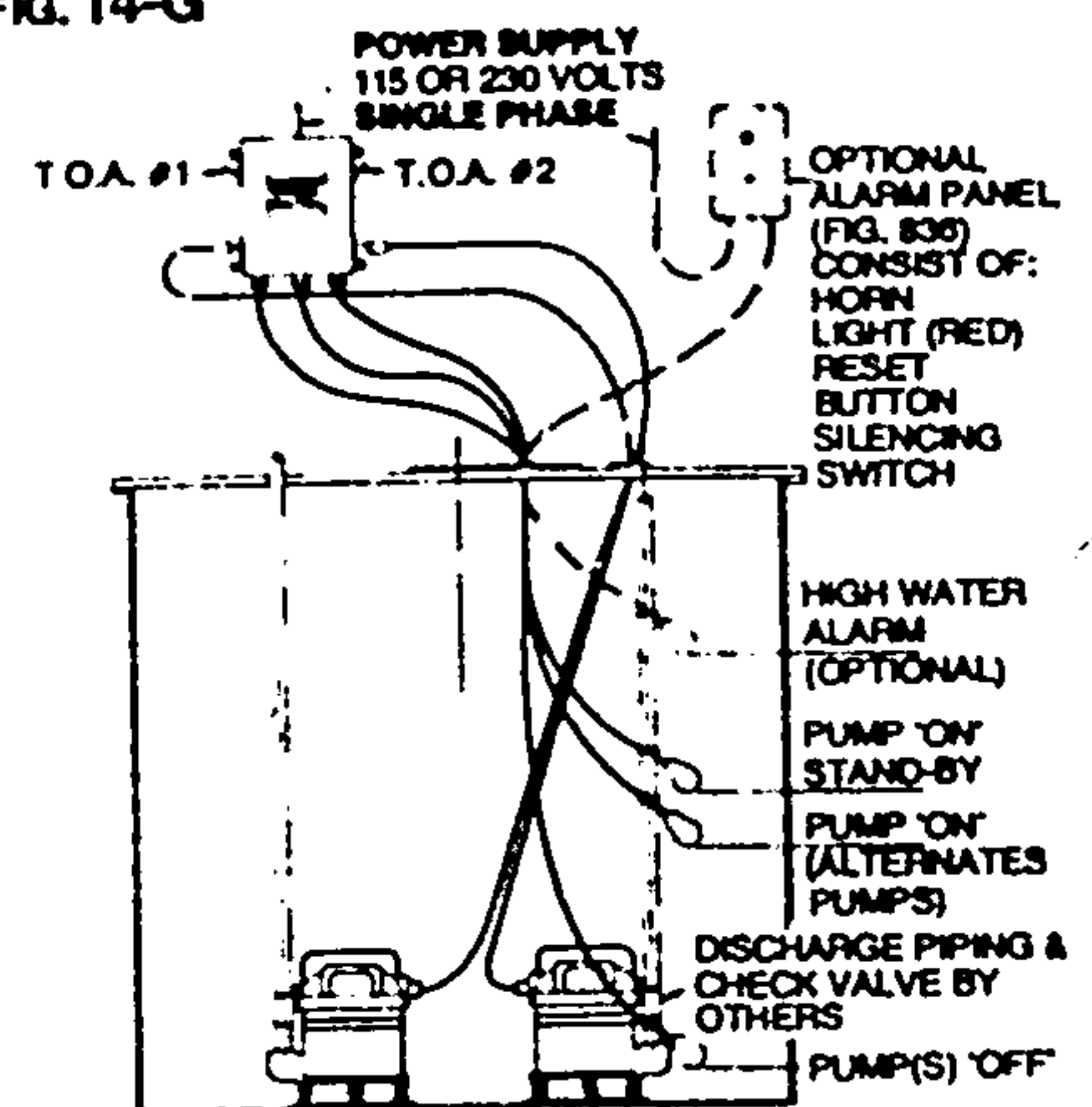
FIG. 14-D



The DUAL mercury float control consists of either a NEMA-1 or NEMA-4 enclosed heavy duty contactor to provide a holding circuit, two mercury float switches each with 10' of cable and mounting straps for attachment to the pump discharge pipes.

The STANDARD switch is "normally open", suitable for 115 V and also available for 230 V.

FIG. 14-G



ALTERNATOR PANEL & SWITCH ASSEMBLY

The alternator assembly consists of NEMA 1 enclosure with 2-TOA switches, receptacles for grounded plugs and three single pole mercury float switches, with 10' cords and connectors for discharge pipe mounting. Fig. 14-G.

RE submission

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Proposed Building ZONE ATLAS/DRWNG. FILE #: G-14/D50
LEGAL DESCRIPTION Lot 6-A, Manuel Sanchez Subdivision, Albuquerque, New Mexico
CITY ADDRESS: 4420 Second Street N.W.
ENGINEER FIRM: Lee Engineering CONTACT: R.G. Lee, Jr.
ADDRESS: 8225 Connecticut Ave. N.E. PHONE: (505) 299-2471
ARCHITECT: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
OWNER: Xavier Sanchez CONTACT: _____
ADDRESS: 333 Aspen N.W. PHONE: (505) 242-2851
SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____

PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY OF CONFERENCE RECAP
SHEET PROVIDED

DRB NO. _____
EPC NO. _____
PROJ.NO _____

TYPE OF SUBMITTAL:

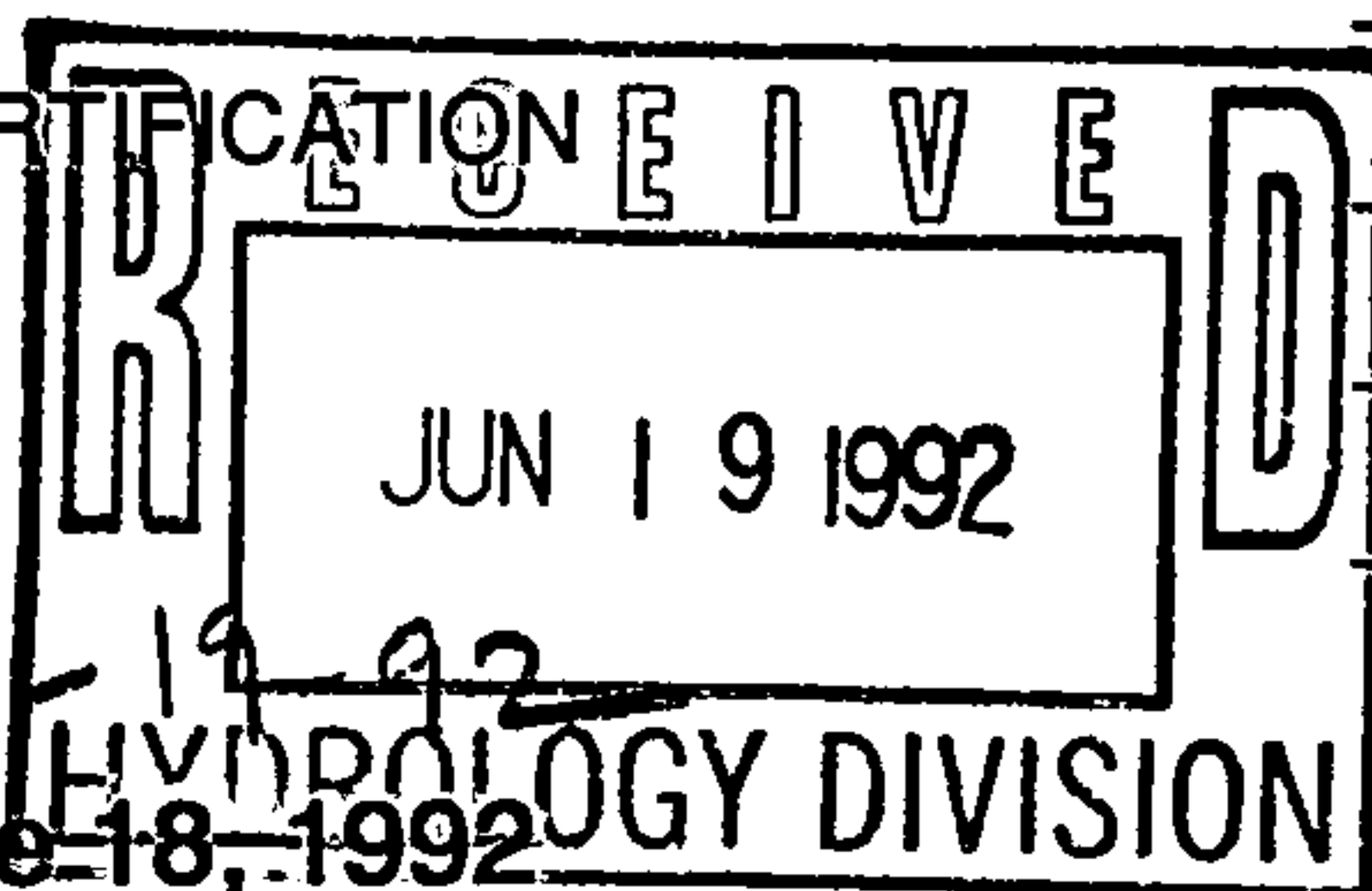
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☐ FINAL PLAT APPROVAL
☒ BUILDING PERMIT APPROVAL
☐ ROUGH GRADING PERMIT APPROVAL
☐ GRADING/PAVING PERMIT APPROVAL
OTHER _____ (SPECIFY)

DATE SUBMITTE June 18, 1992

BY: Herman Hood





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

May 6, 1992

R.G. Lee
Lee Engineering
8225 Connecticut, NE
Albuquerque, New Mexico 87110

RE: DRAINAGE PLAN FOR PROPOSED BUILDING ON LOT 6-A MANUEL
SANCHEZ SUBDIVISION - 4420 SECOND STREET, NW (G-14/D50)
ENGINEER'S STAMP DATED APRIL 7, 1992

Mr. Lee:

Based on the information provided on your submittal of April 10, 1992, listed you will find certain concerns that will need to be addressed prior to final approval:

1. You may not pond closer than 15 feet from the adjacent property line minus the required setback on adjacent property.
2. Why are you using the 24 hour 100-year frequency? You are using a detention pond concept which allows you to use the 6 hour 100-year frequency for your volume.
3. You must design your discharge to allow only .5 cfs discharge.
4. Please provide all the hydraulics for the 4" pvc pipe including the restrictor if needed.
5. The slope on your proposed line is too low. You may need to install a pump within the ponding area. You will need to include the pump specs with your resubmittal.
6. Your proposed finish floor elevation is 2000 feet higher than the surrounding area.
7. Please provide a cross section of the ponding area and include spot elevations.

PUBLIC WORKS DEPARTMENT

R.G. Lee
May 6, 1992
Page 2

8. You must include the City of Albuquerque specification number for the 4" pvc pipe through the curb. Also, you must include within the plan the sign-off block and six notes to contractor from the S.O. #19 format.

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,



for Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj
(WP+3333)

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Proposed Building ZONE ATLAS/DRWNG. FILE #: G-14-Z / D50

LEGAL DESCRIPTION Lot 6-A, Manuel Sanchez Subdivision, Albuquerque, New Mexico

CITY ADDRESS: 4420 Second Street N.W.

ENGINEER FIRM: Lee Engineering

CONTACT: R.G. Lee, Jr.

ADDRESS: 8225 Connecticut Ave. N.E.

PHONE: (505) 299-2471

ARCHITECT: _____

CONTACT: _____

ADDRESS: _____

PHONE: _____

OWNER: Consumer Product Dairy, Borden, Inc

CONTACT: Xavier Sanchez

ADDRESS: 333 Aspen N.W.

PHONE: (505) 242-2851

SURVEYOR: _____

CONTACT: _____

ADDRESS: _____

PHONE: _____

CONTRACTOR: _____

CONTACT: _____

ADDRESS: _____

PHONE: _____

PRE-DESIGN MEETING:

☐ YES

☒ NO

☐ COPY OF CONFERENCE RECAP

SHEET PROVIDED

DRB NO. _____

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☐ GRADING/PAVING PERMIT APPROVAL

☐ OTHER _____ (SPECIFY)

APR 10 1992

DATE SUBMITTE April 10, 1992

BY: Herman Hood