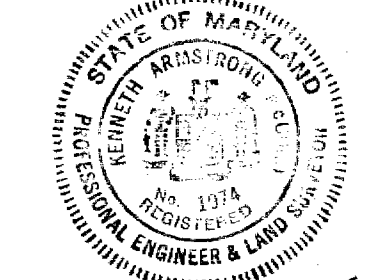


LOCATION MAP
Scale: 1 1/2 mile

NOT INCLUDED IN THIS CONTRACT

WR&A BM S2 200.17
RR spike in root of 12" Oak
20' left of Sta. 2+75 between
PI S-5 & PI S-6

Note:
Pumping Station, Force Main and
appurtenances included in the
Lump Sum Item N-3 B-1.
For continuation of
Sewer, F.M., see
Drawing No. 3.

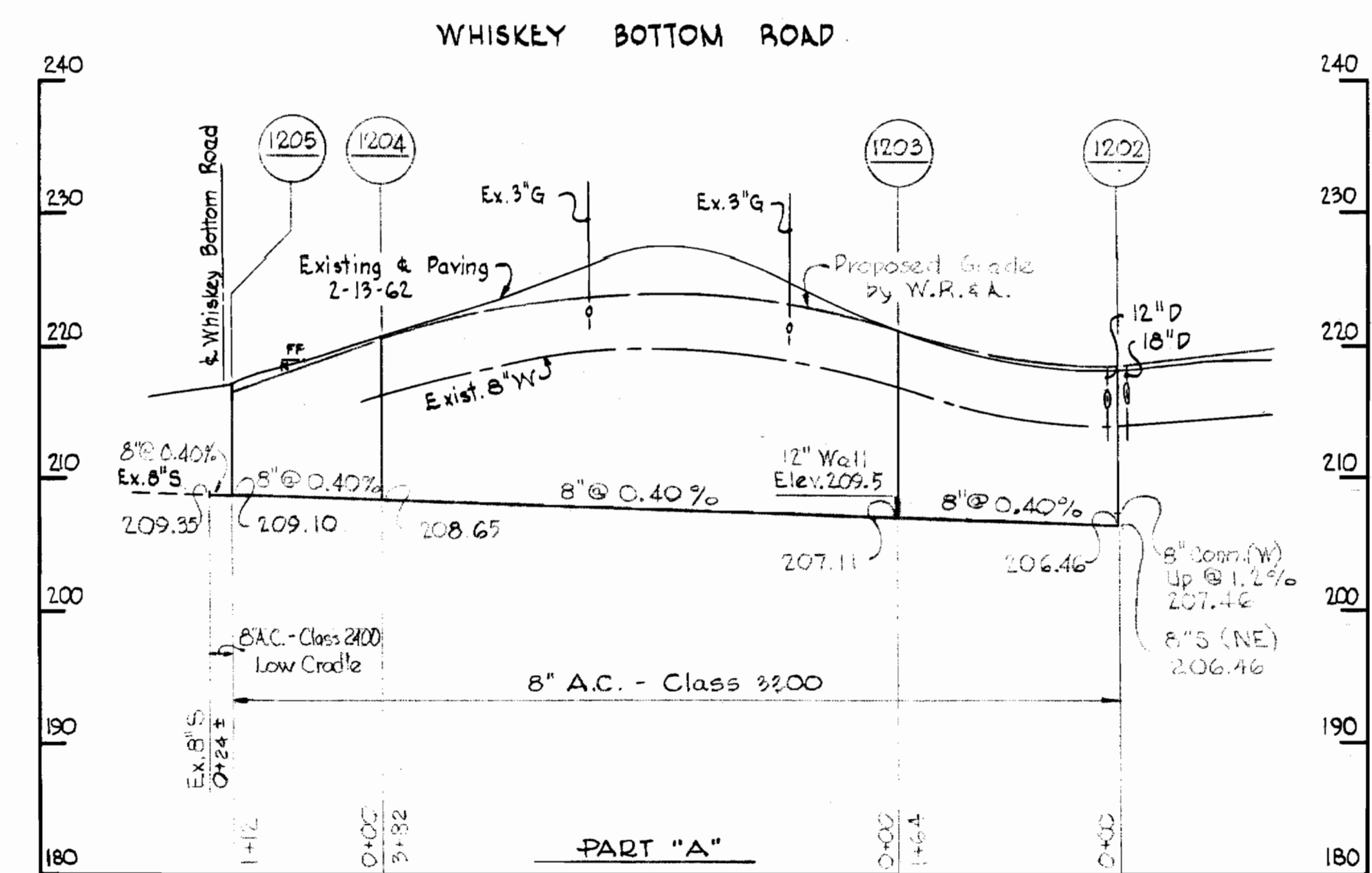
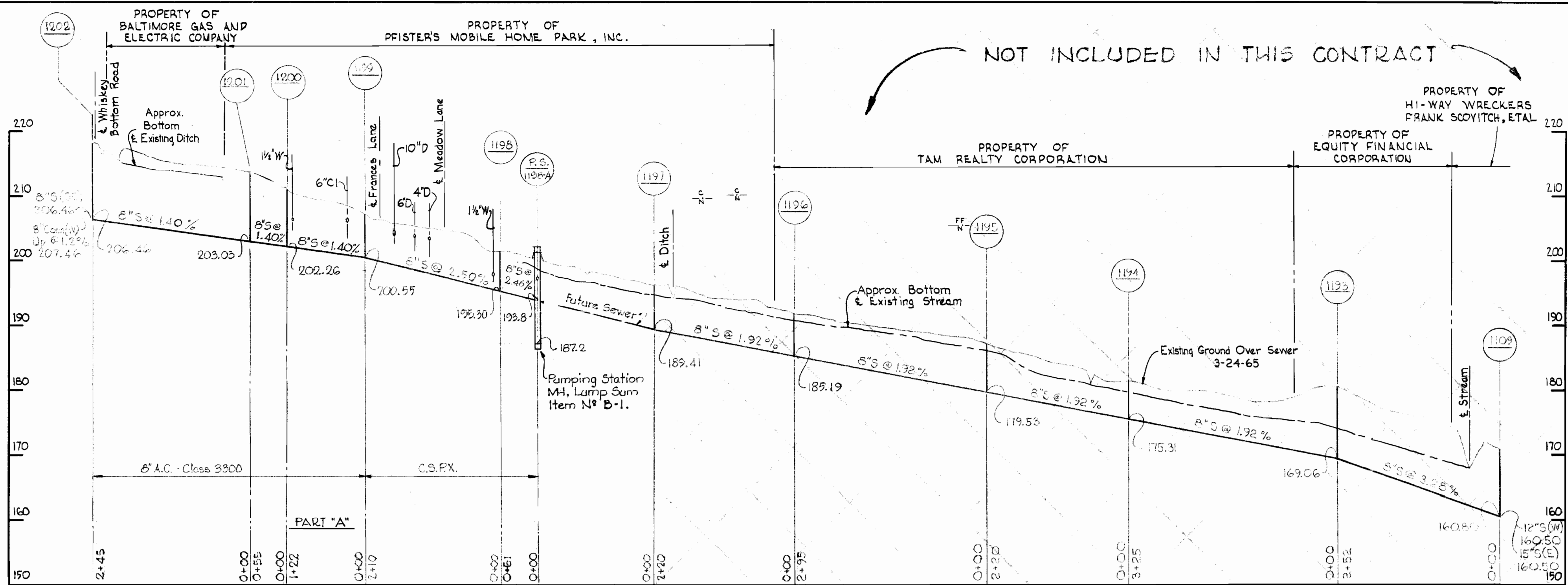


James A. Wood

PART "A"
Contract No. 112-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE 4-28-65 <i>W. O. Roberts</i> CHIEF ENGINEER	CONTRACT NO. 112-S	PLAN OF SEWER MAINS	PATUXENT SUB - DISTRICT	DRAWING NO. 1 OF 4 SCALE 1" = 50'
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1125/1



Howard W. Wood
PART "A"
Contract N° 112-S

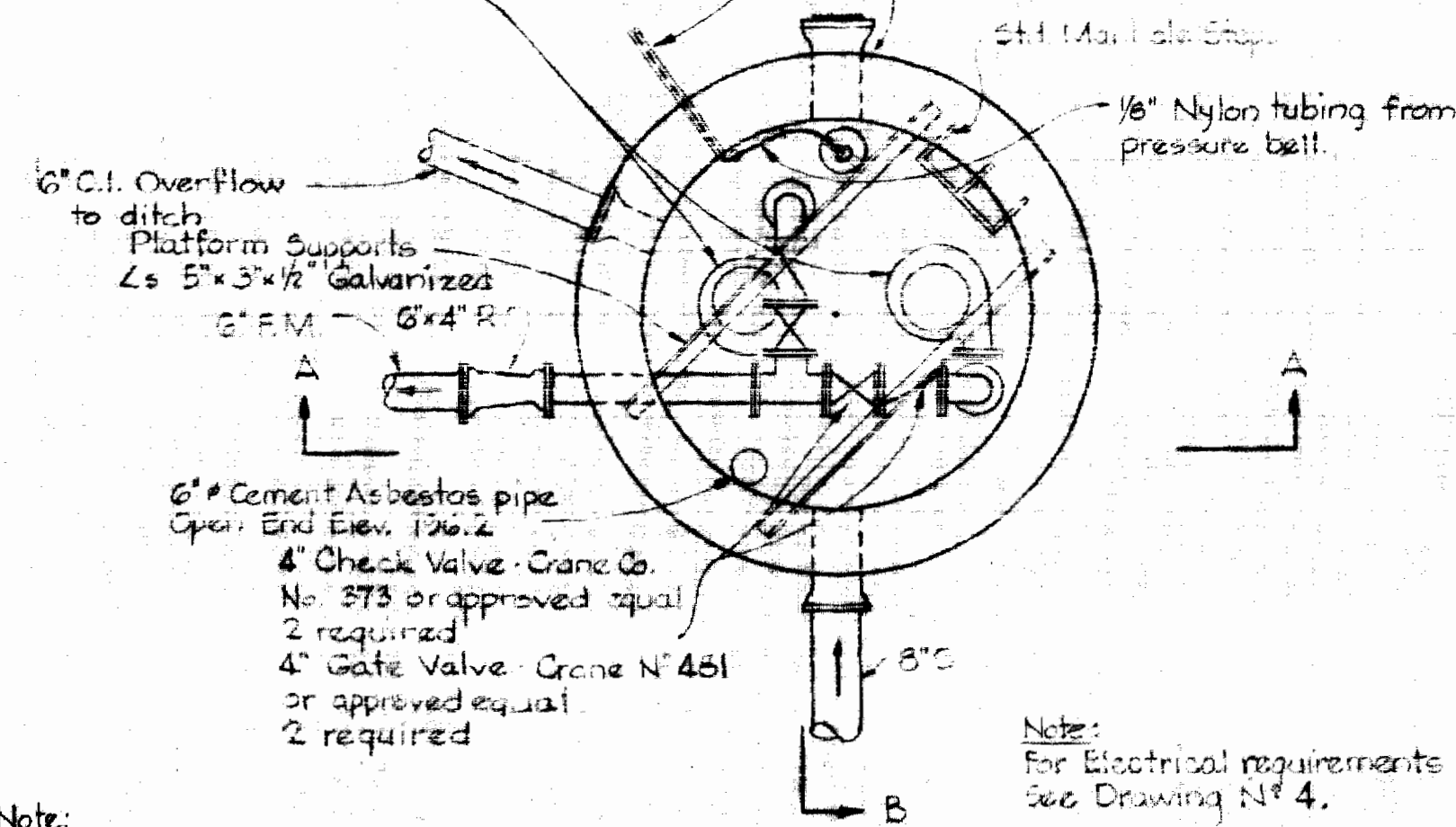
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE 4-28-65 <i>W. O. Libat</i> CHIEF ENGINEER	CONTRACT NO. 112-S	PROFILES OF SEWER MAINS	PATUXENT SUB - DISTRICT	DRAWING NO. 2 OF 4 SCALE H-1"=100' V-1"=10'
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W. O. 4955-2

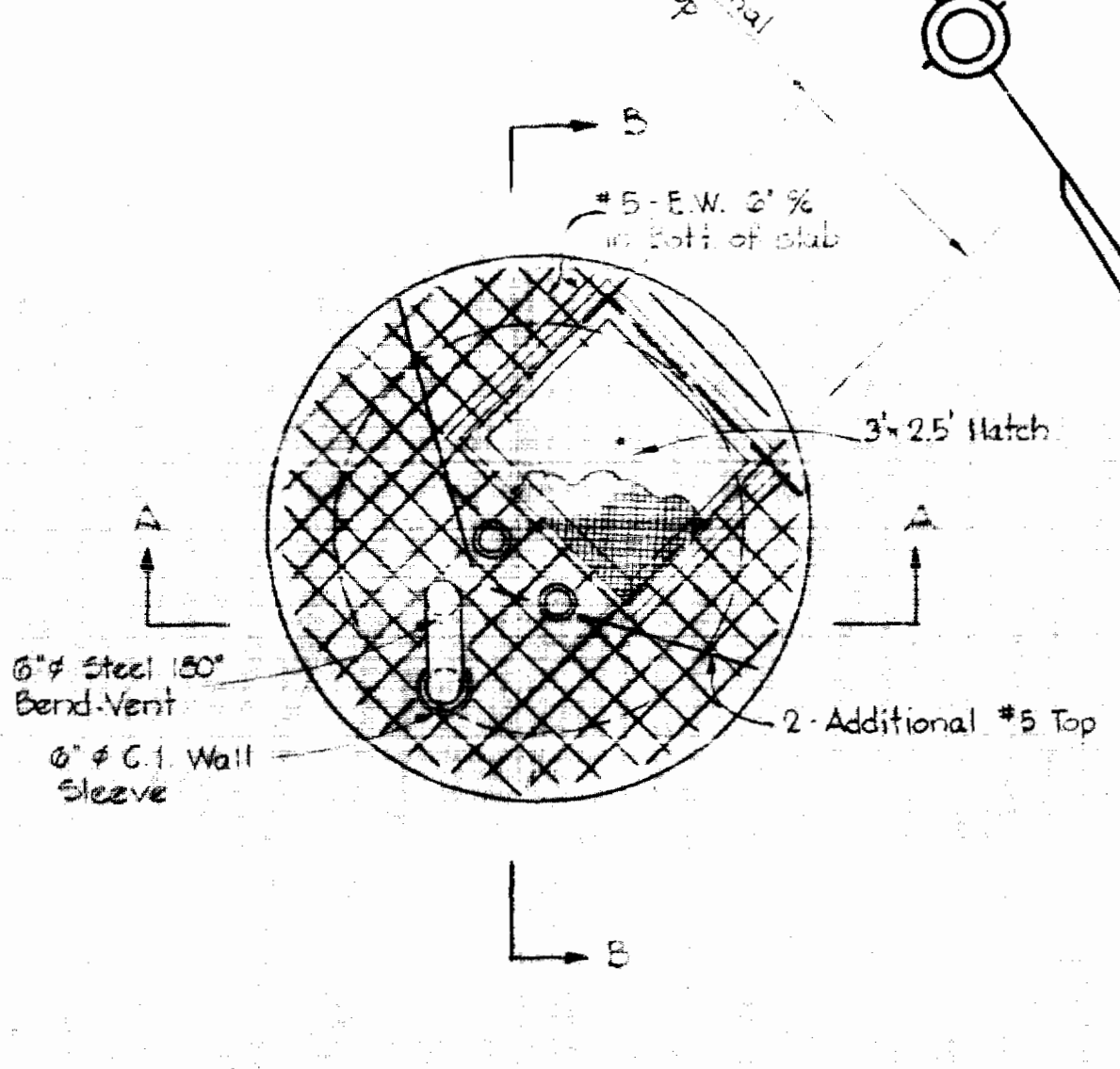
AS BUILT 14 SEPT. 1966

W. O. 112-S/2

2- Rainville Morse, 4" Fig. 5435 AW
 Submersible Sewage Pumps. Each pump
 has a capacity of 200 gpm @ 25.0
 TDH, 1150 rpm., and B.H.P., 3 phase,
 60 cycle, 220 volt motor.



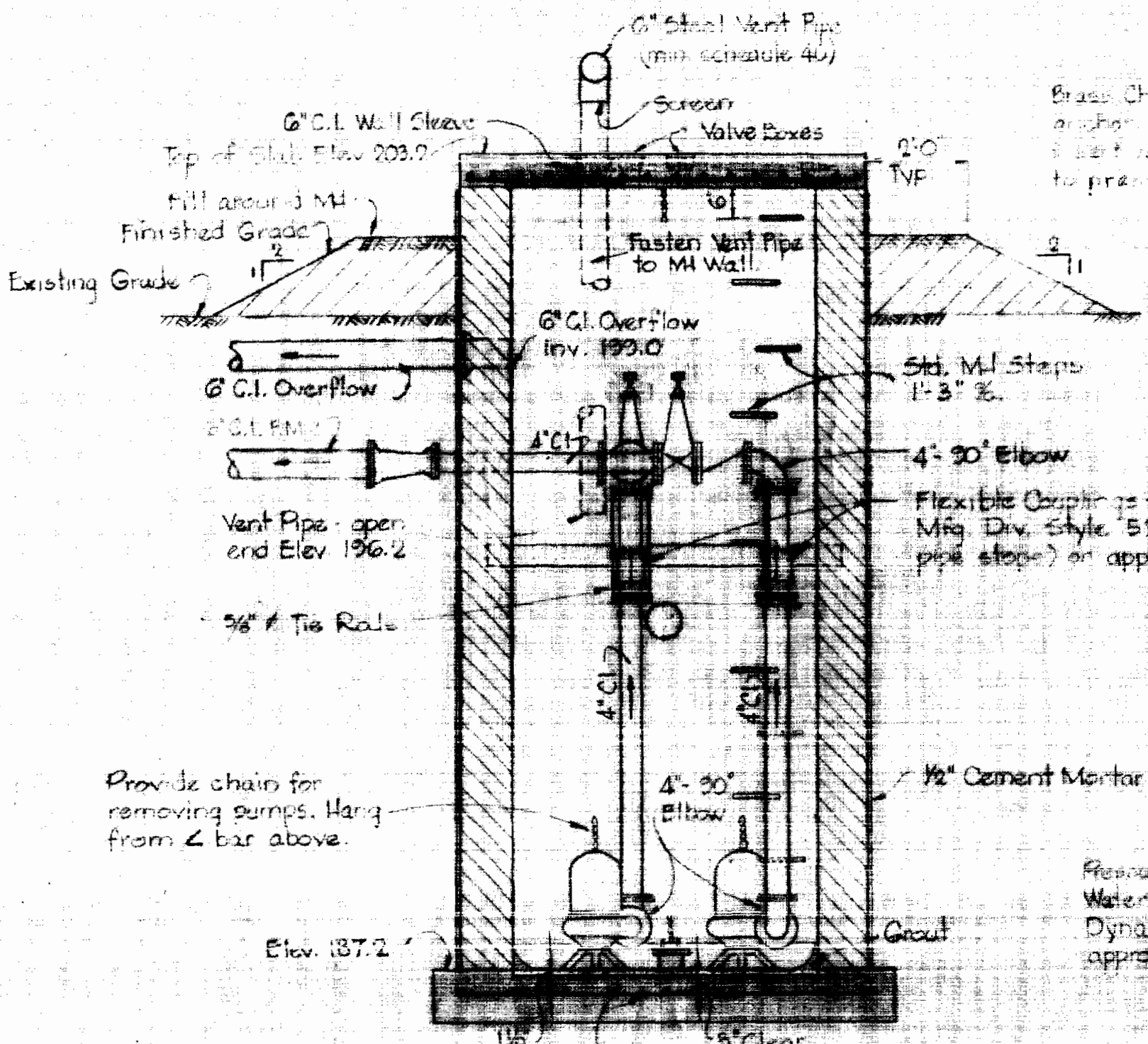
PLAN - BELOW SLAB



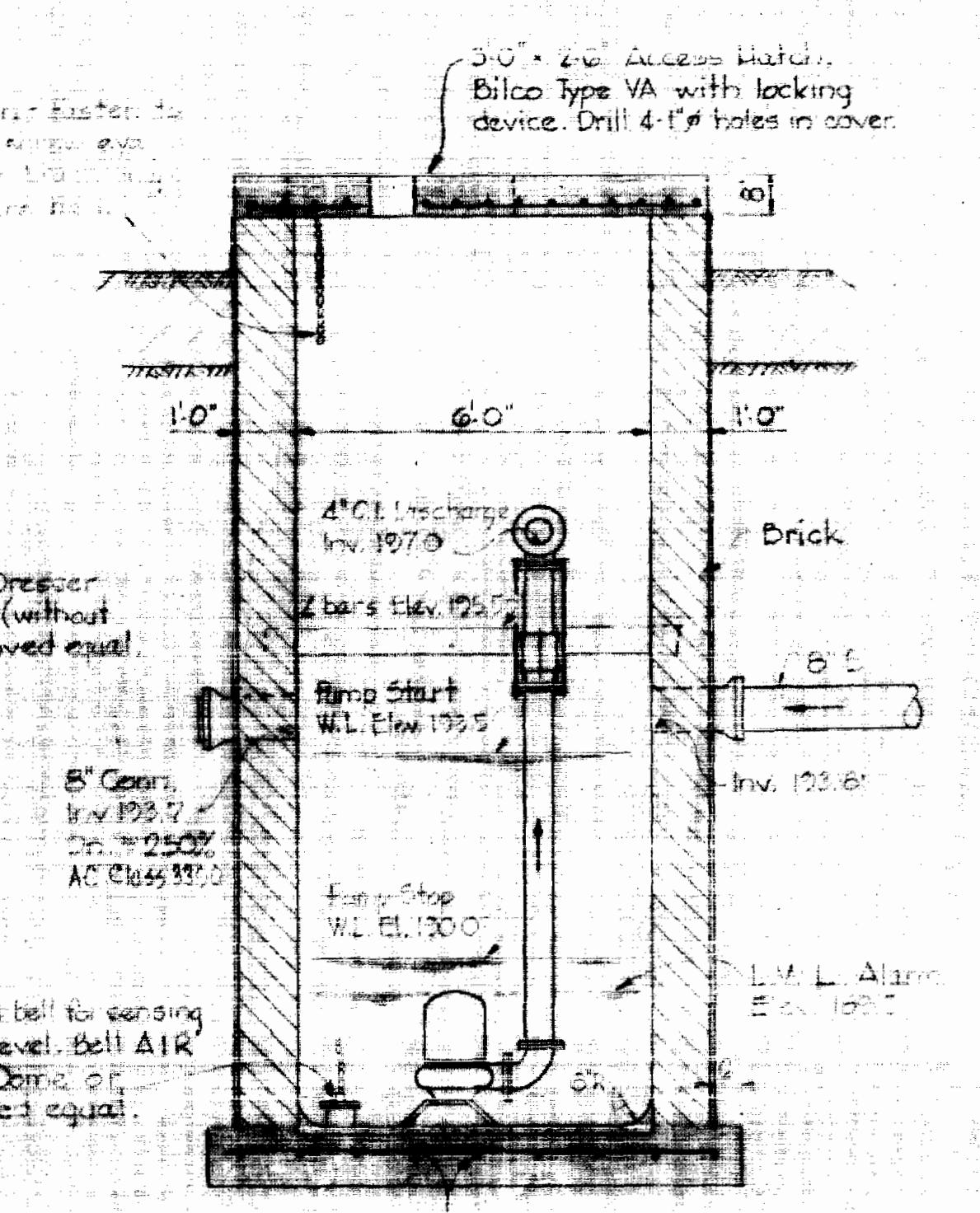
PLAN - TOP SLAB

Note:
 All pipe and fittings inside
 M4 shall be flanged ends.

Note:
 For Electrical requirements
 see Drawing N° 4.

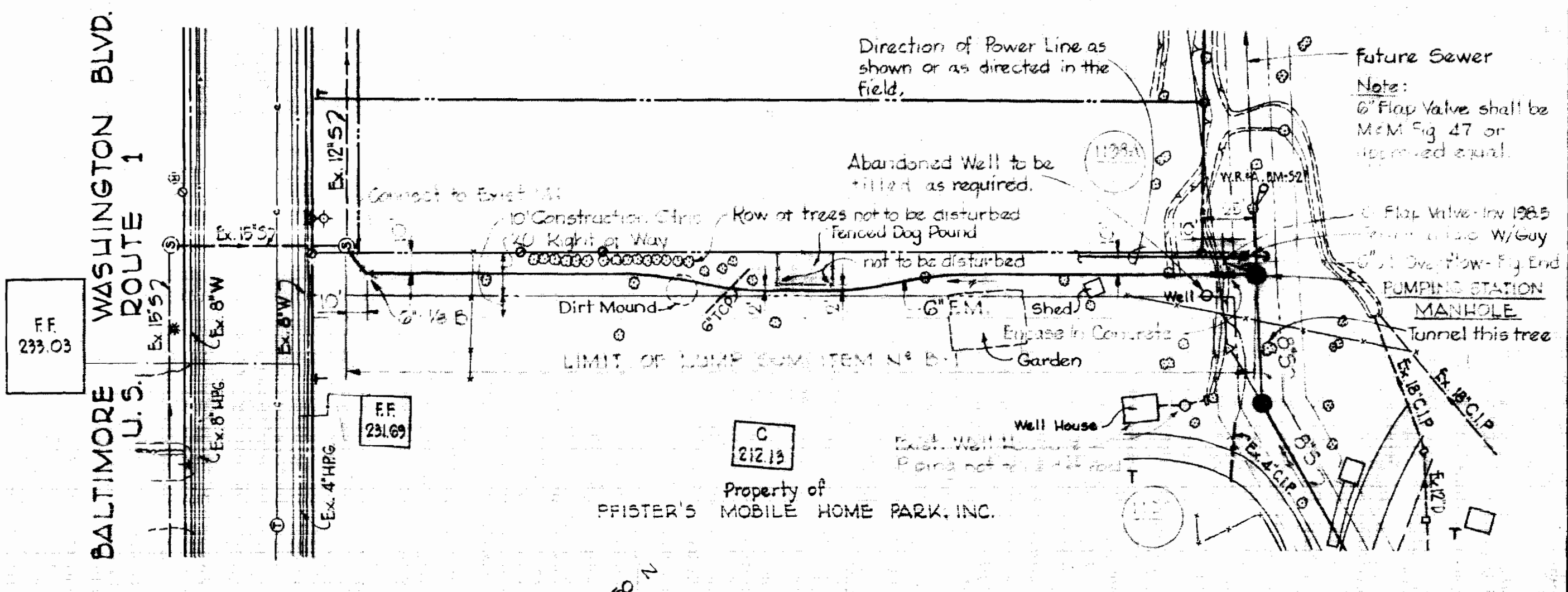


SECTION 'A-A'

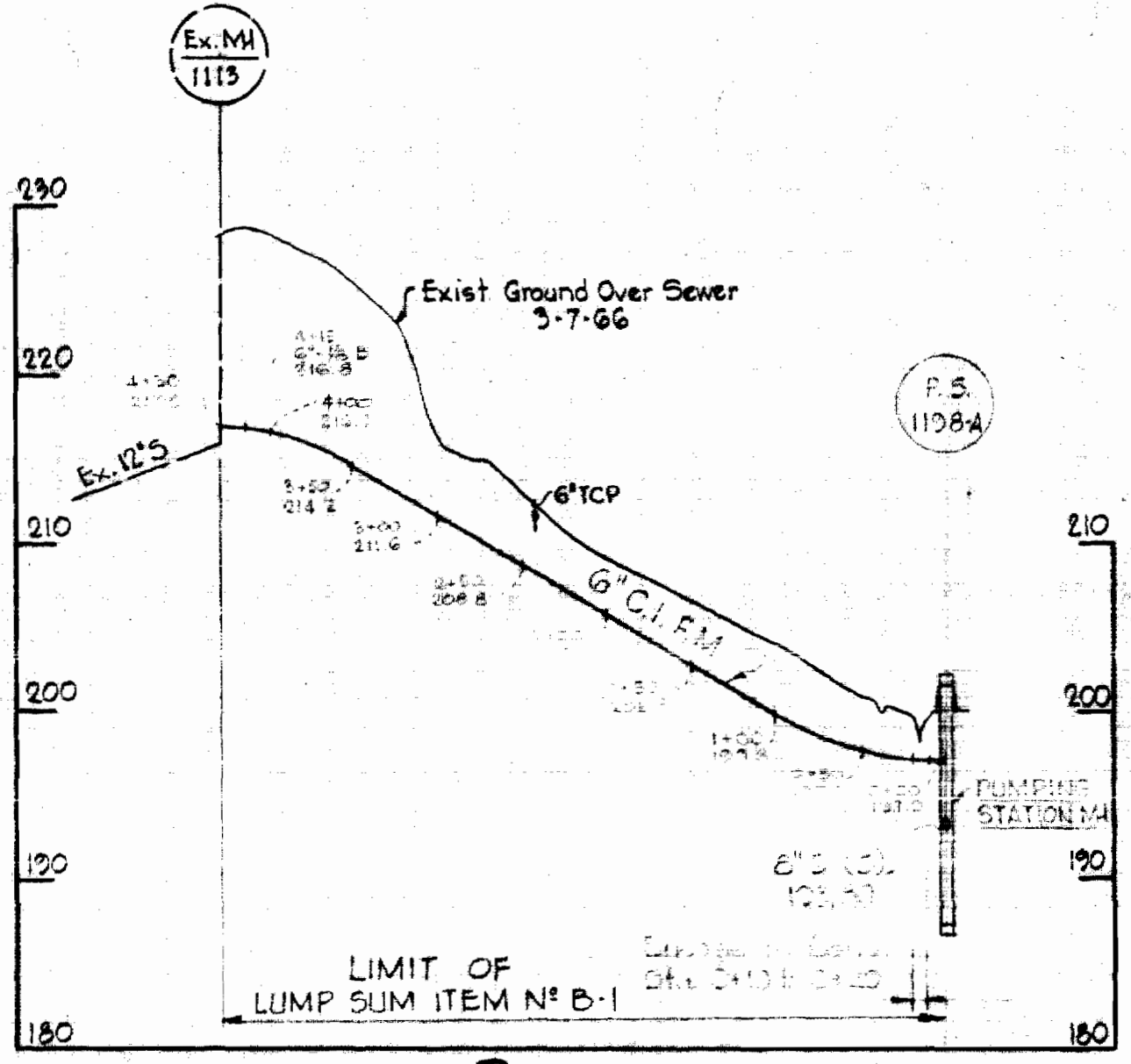


SECTION 'B-B'

TEMPORARY PUMPING STATION MANHOLE 1198-A
 Scale: 3/8" = 1'-0"



PLAN
 Scale: 1" = 50'



PROFILE
 Scale: H: 1" = 100'
 V: 1" = 10'

GENERAL NOTES

1. Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately.
2. All pipe elevation shown are invert @ elevations.
3. The Contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities.
4. For all standard details see Standards bound in Specifications.
5. 6" F.M. to be C.I.P. Class 22 and have a minimum of 3' cover.
6. Block all fittings with concrete, see Standards bound in Specifications.
7. Clear all poles by 2'-0" minimum or tunnel as required. Clear all existing utilities by 6" minimum.

Note:
 Not built under this contract,
 See Contract 149-S

Signature

WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 1304 ST. PAUL ST.
 BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION
 3-16-66
 DATE
 W. O. Libby
 CHIEF ENGINEER

CONTRACT NO. 112-S

PUMPING STATION
 PLAN, PROFILE AND
 MECHANICAL DETAILS

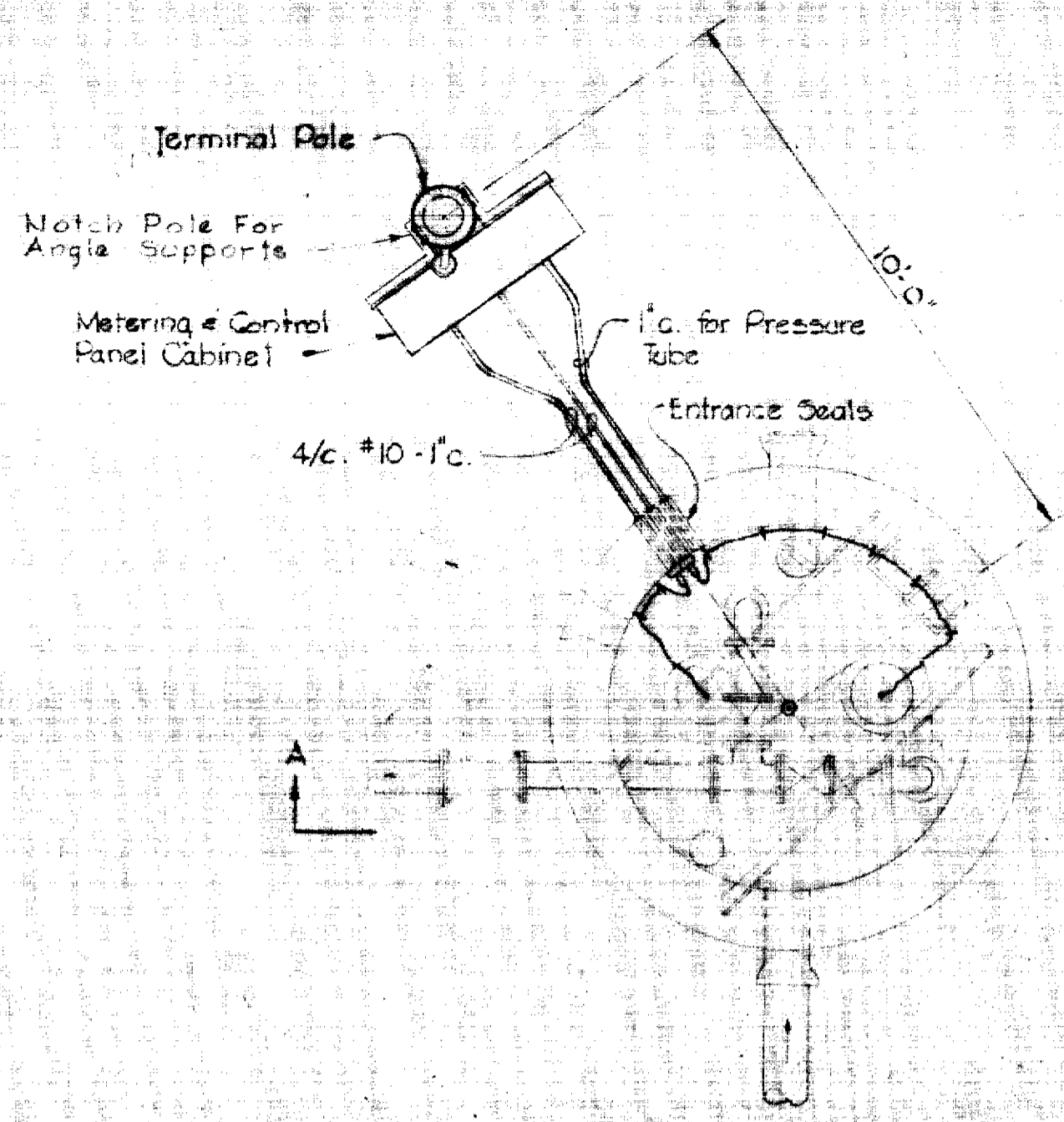
PATUXENT SUB-DISTRICT

PART 'B'
 Contract N° 112-S
 DRAWING NO. 3
 OF 4
 SCALE AS SHOWN

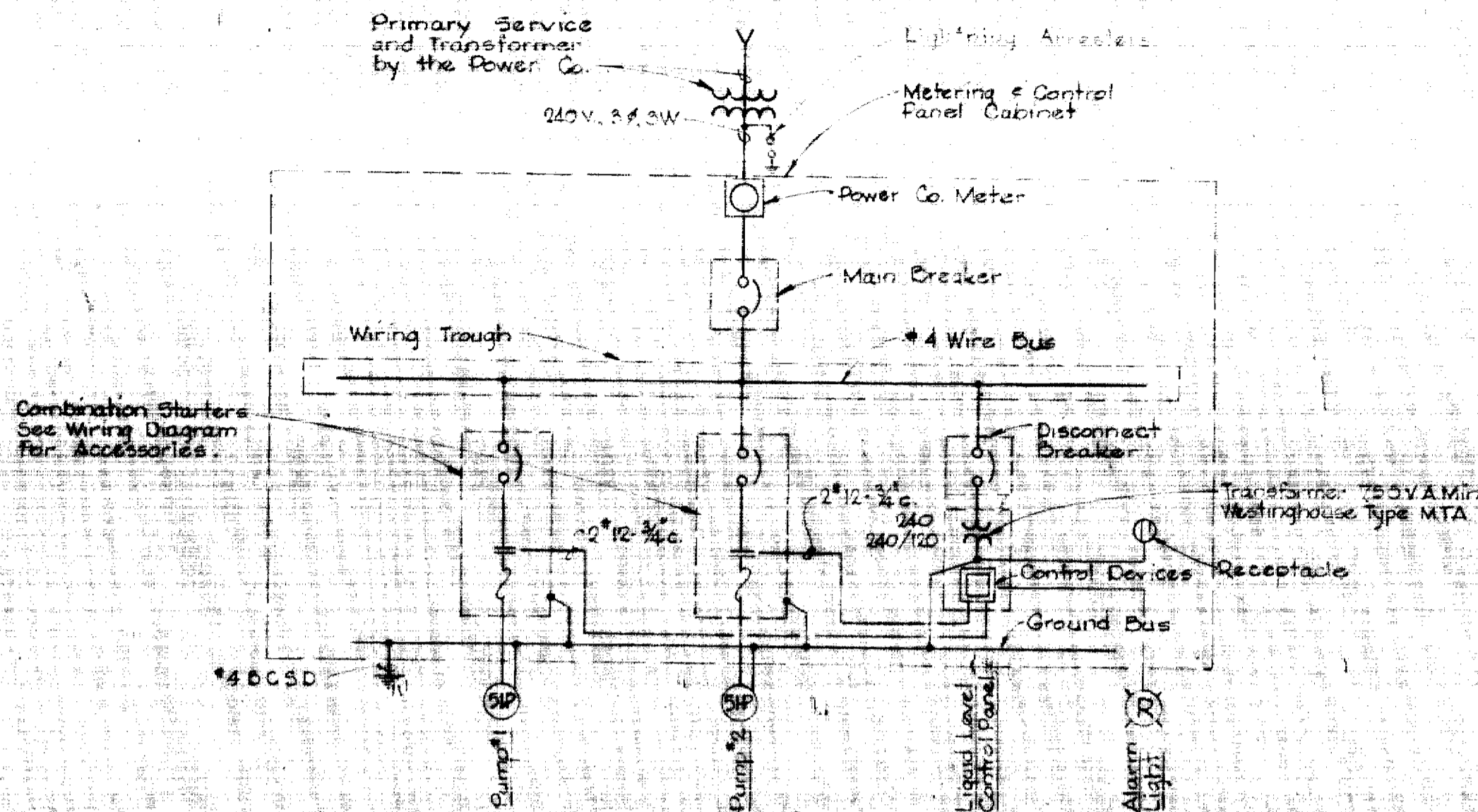
MAR. 15, 1966

F.D. 3355
 10-6

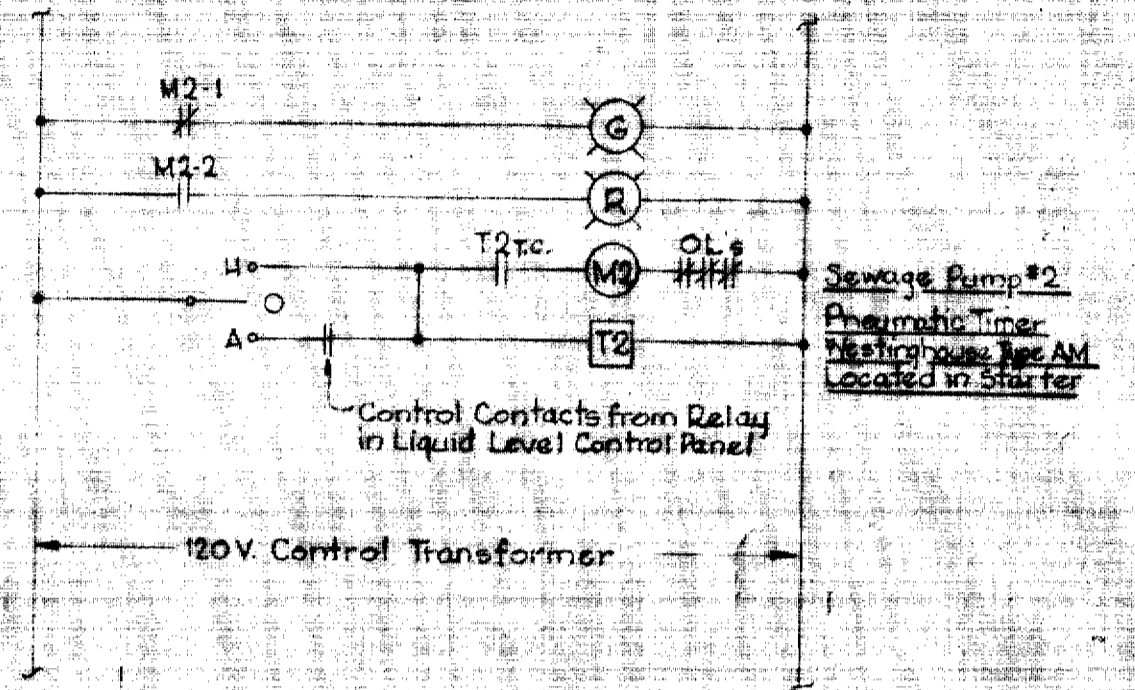
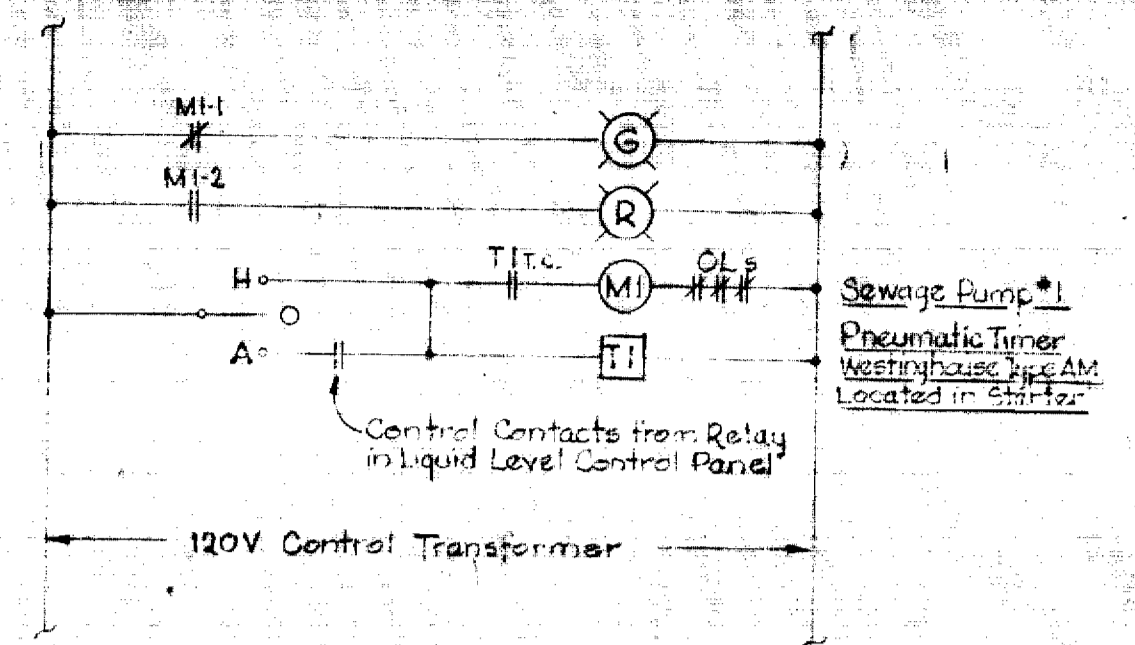
112-5/3



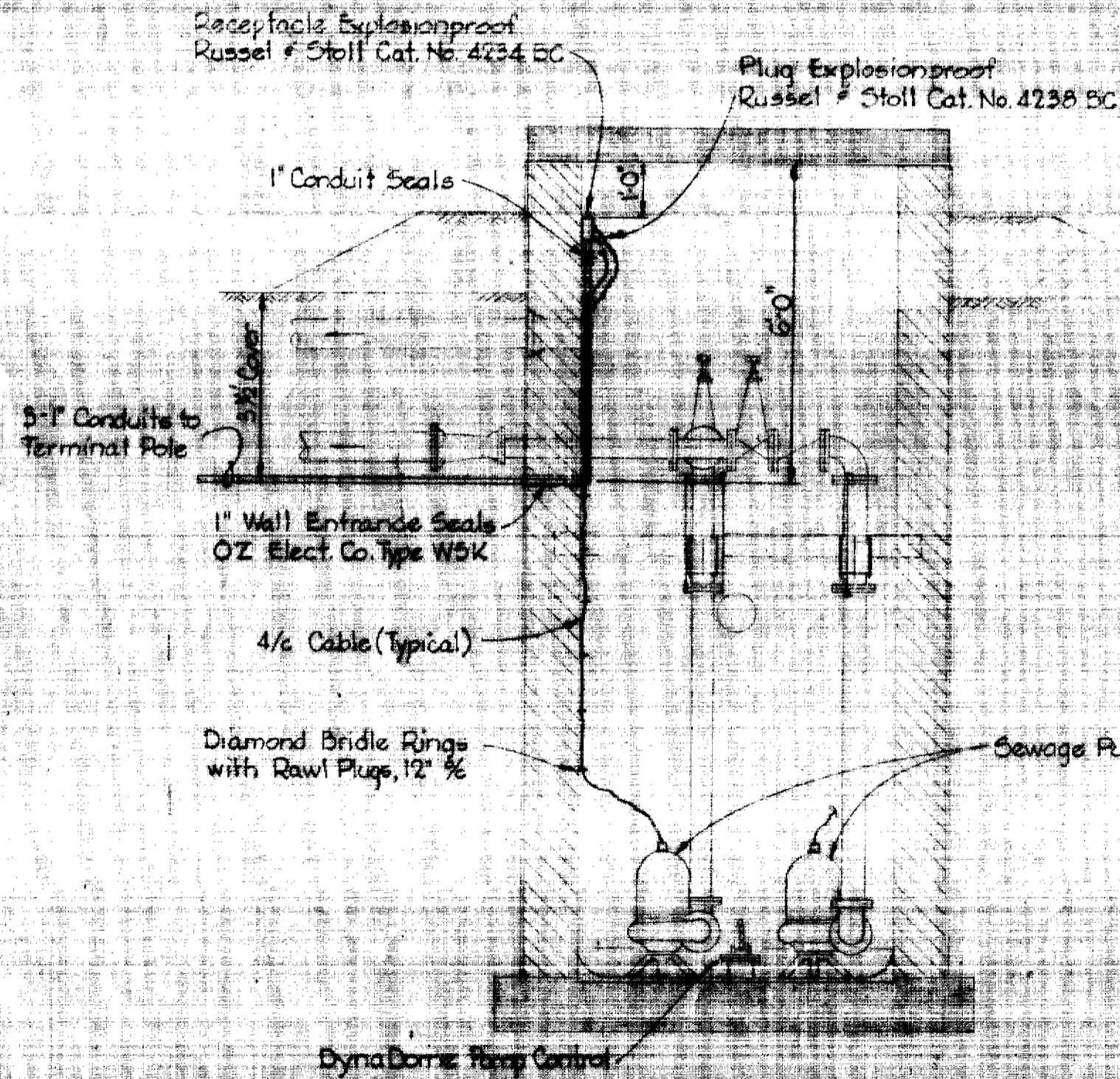
PLAN - BELOW SLAB



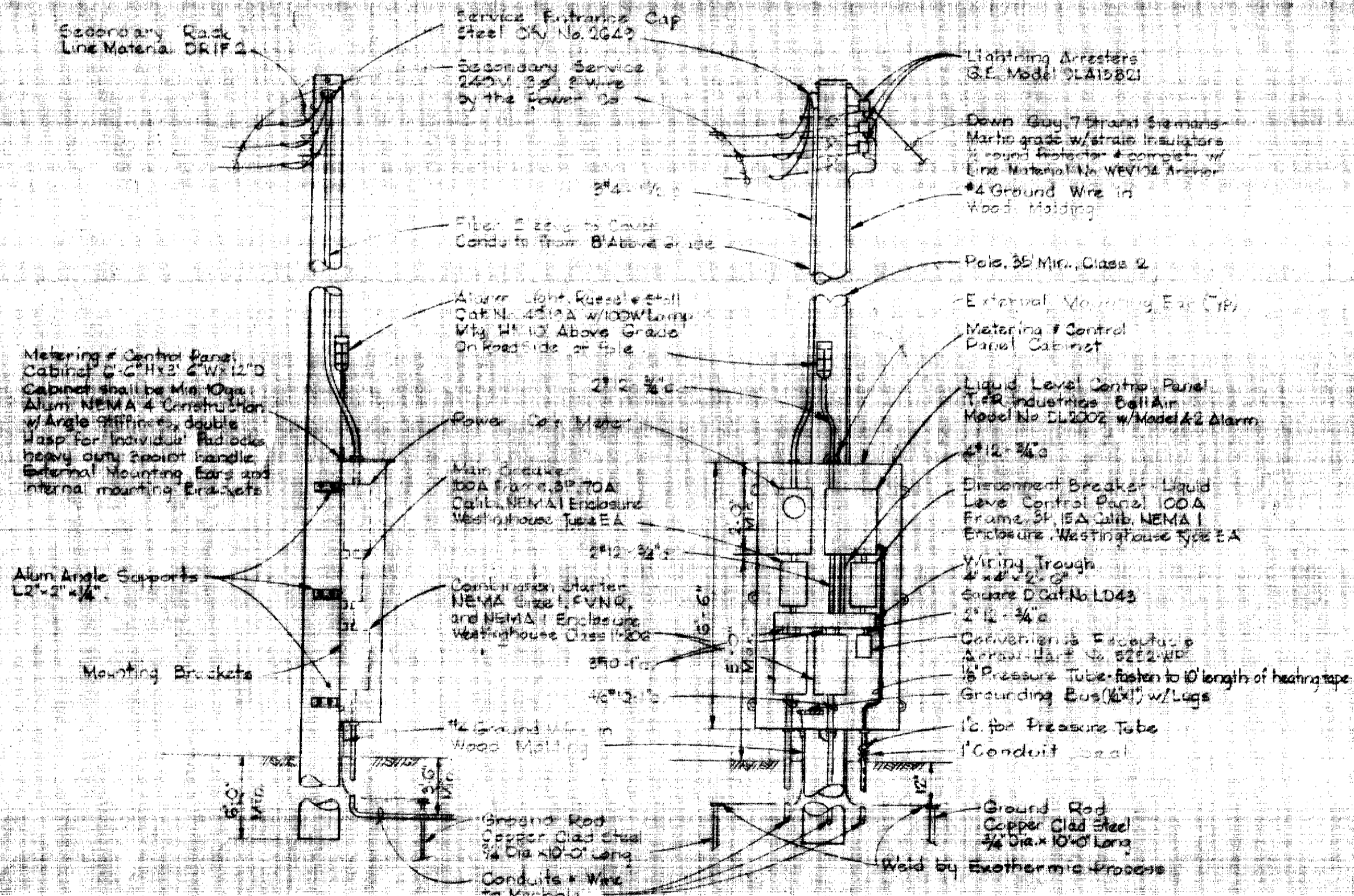
ONE LINE WIRING DIAGRAM



ELEMENTARY CONTROL WIRING DIAGRAMS



SECTION 'A-A'



SIDE ELEVATION

FRONT ELEVATION

TERMINAL POLE DETAIL

ELECTRICAL SPECIFICATIONS

- The entire Electrical System shall be installed in strict accordance with all local and state building codes and the latest edition of the National Electrical Code. The complete installation shall be tested, adjusted, and accepted by the Contractor to the satisfaction of the Owner and in the presence of the Engineer. The Contractor shall guarantee the electrical installation and equipment provided by him for a period of one (1) year following the date of acceptance by the Owner. The Contractor shall obtain all permits required without additional cost to the Owner.
- All conduits shall be rigid heavy wall, hot-dipped galvanized minimum 3/4" diameter.
- Multiconductor cables shall be General Electric Type 31 58145 or other approved equal.
- Wire sizes shall be as indicated on the drawings and no wire shall be smaller than No. 12 AWG.
- Underground conduits shall be made watertight and shall be painted with two coats of plasticized coal tar enamel or other approved equal.
- Building type wire shall be type THW and shall be installed in conduit.
- The Baltimore Gas and Electric Company will provide secondary electric service. The Contractor shall make all arrangements for and design Owner is required in applying for the service. The service installation shall be made in strict accordance with the rules and regulations of the Power Company.
- Items or materials as specified by trade name with or without the addition of such specifications, or approved equal it is to be understood that the name or material named or the equal thereof is intended, subject to the approval of the Engineer.
- Shop drawings for all electrical items shall be submitted to the Engineer for approval before fabrication and/or installation.



James M. White

PART 'B'
Contract No. 112-5

WHITMAN, BEGUARD & ASSOCIATES
ENGINEERS
1304 ST. PAUL ST.
BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION
DATE: 3-8-66
W.O. Little
CITY ENGINEER

CONTRACT NO. 112-5

PUMPING STATION
ELECTRICAL DETAILS

PATUXENT SUB-DISTRICT

DRAWING NO. 4 OF 4 SCALE AS SHOWN

MAR. 15, 1966

WS 112-5/4