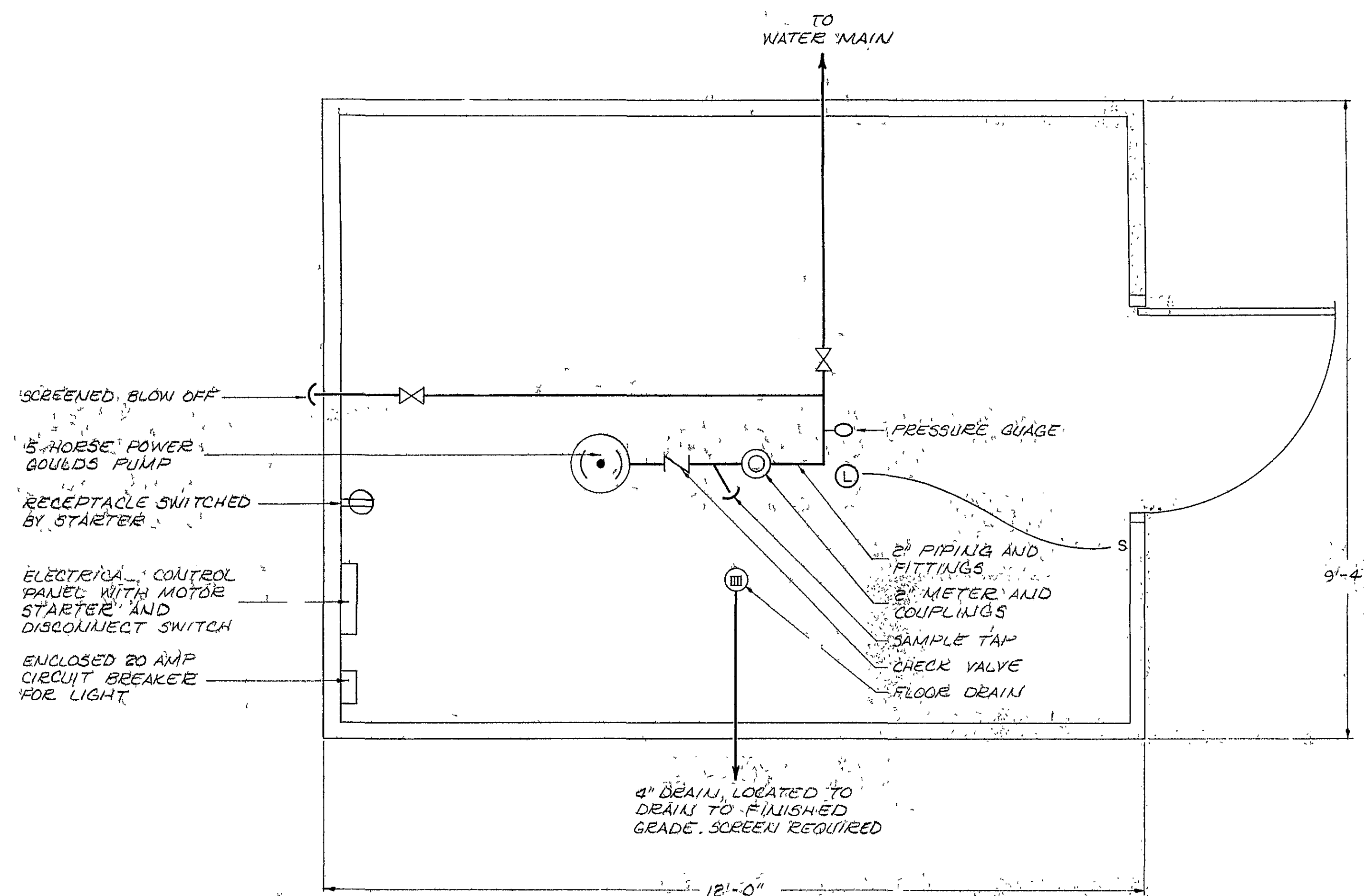
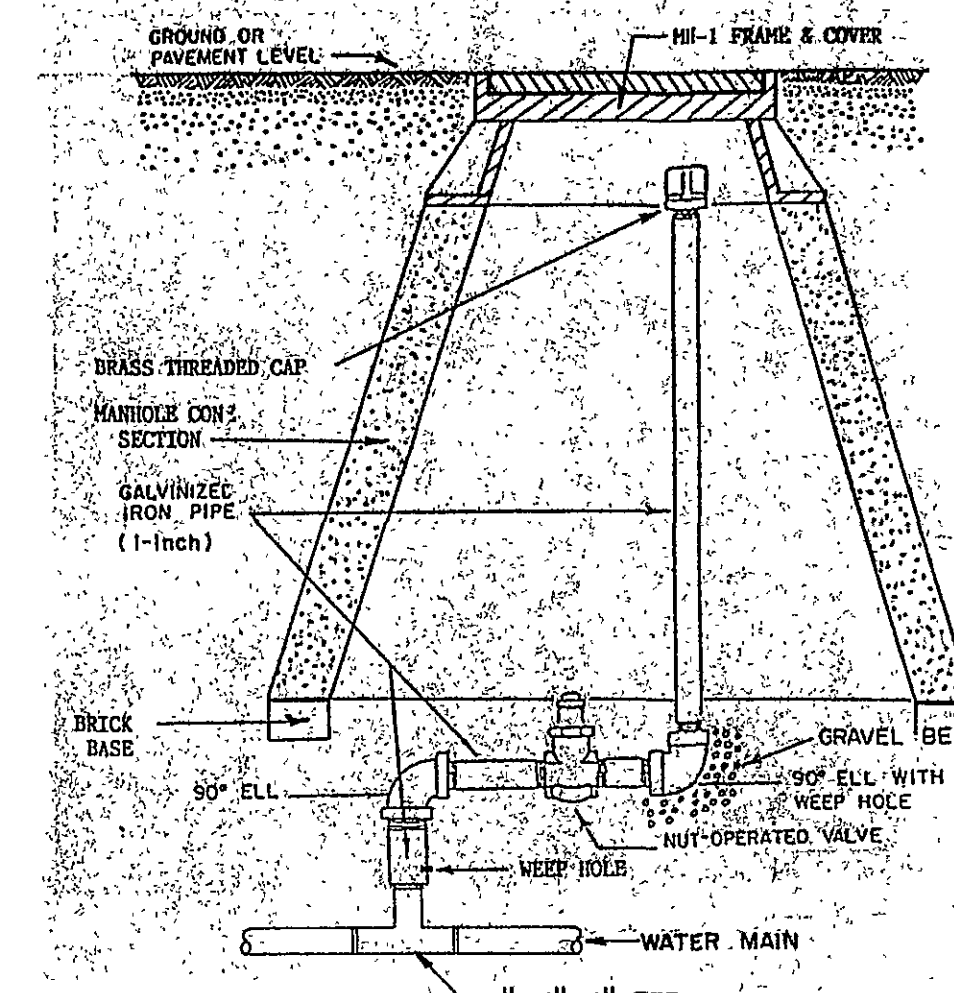




- NOTES**
1. WELL HOUSE FLOOR SHALL BE CONSTRUCTED OF 3000 PSI CONCRETE REINFORCED WITH #4 BARS 12" ON CENTER IN BOTH DIRECTIONS.
 2. WELL SHALL BE LOCATED A MINIMUM OF 3 FEET FROM EDGE OF FLOOR.
 3. SLOPE FLOOR 1/4" INCH PER FOOT TOWARDS FLOOR DRAIN.
 4. WELL SHALL BE PROVIDED WITH A SANITARY SEAL ON TOP OF WELL CASING.
 5. BLOWOFF SHALL BE SCREENED AND INSTALLED WITH DOWN-TURNED ELBOW.
 6. SAMPLING TAP SHALL DISCHARGE DOWNWARD AWAY FROM WELL CASING AND SHALL HAVE ITS THREADS REMOVED.
 7. WELL CASING SHALL EXTEND A MINIMUM OF 12 INCHES ABOVE FLOOR.
 8. ALL WELL DISCHARGE PIPING SHALL BE CLASS 125 GALVANIZED STEEL ACCORDING TO ASTM SPECIFICATIONS AND DISINFECTED IN ACCORDANCE WITH AWWA REQUIREMENTS.
 9. A SPOOL PIECE SHALL BE PROVIDED TO REPLACE WATER METER DURING MAINTENANCE OR SERVICE.
 10. WELL PUMP SHALL BE OPERATED BY A PRESSURE SWITCH.
 11. WELL HOUSE ROOF SHALL BE CONSTRUCTED SO AS TO BE EASILY REMOVED.
 12. WELL HOUSE SHALL BE EQUIPPED WITH INTERIOR LIGHT AND HEATER TO PREVENT FREEZING.
 13. WELL LOT SHALL BE GRADED TO DIVERT SURFACE RUNOFF AWAY FROM WELL HOUSE.
 14. WELL SHALL BE DISINFECTED BY POURING A LIQUID CHLORINE SOLUTION UNTIL THERE IS A RESIDUAL CHLORINE CONCENTRATION OF 50 mg/l AND LETTING THE MIXTURE REMAIN IN THE WELL FOR 24 HOURS. AFTER THE WELL HAS BEEN THOROUGHLY RUMPED AND ALL THE CHLORINE HAS BEEN REMOVED, THE WELL SHALL BE TESTED FOR BACTERIOLOGICAL CONTAMINATION. A SERIES OF NINE BACTERIOLOGICAL SAMPLES SHALL BE TAKEN FROM THE WELL. IF BACTERIA IS FOUND, AN ADDITIONAL 20 SAMPLES SHALL BE TAKEN TO DETERMINE THE MOST PROBABLE NUMBER (MPN).
 15. A SCREENED WELL CASING VENT, ELLED DOWN, SHALL BE PROVIDED.
 16. PUMP SHALL BE GOULDS MODEL 5510412.
 17. THE DIAMETER OF THE WELL RISER SHALL BE 11 INCH.

WELL HOUSE
SCALE 3/4" = 1'-0"

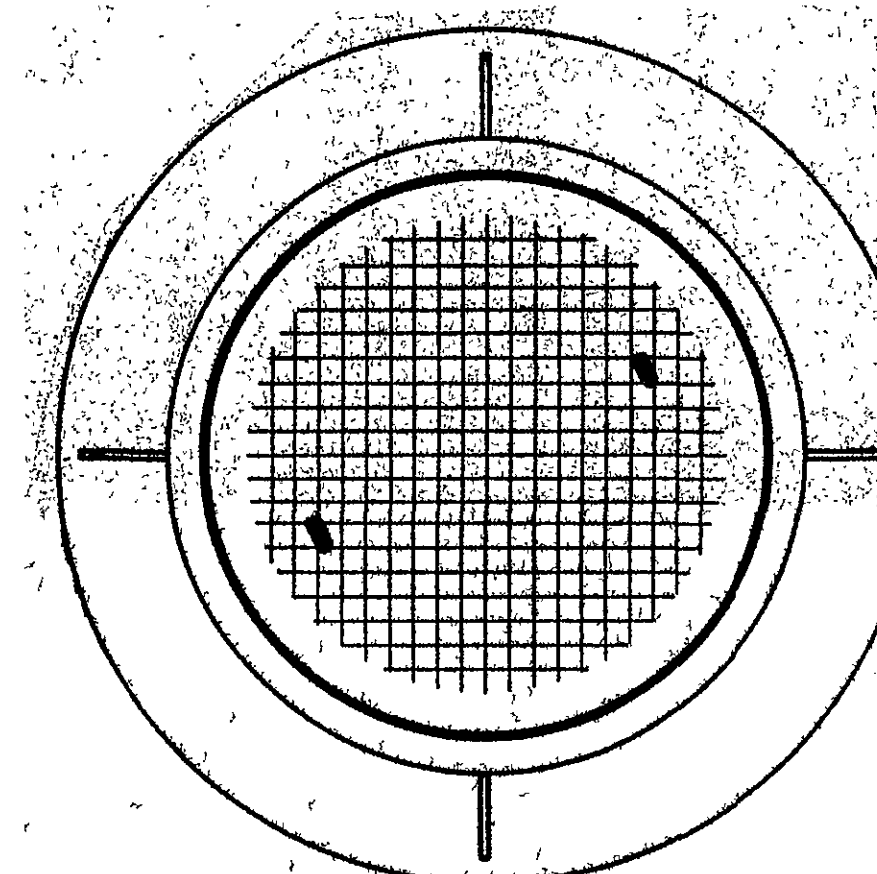
302.1
203



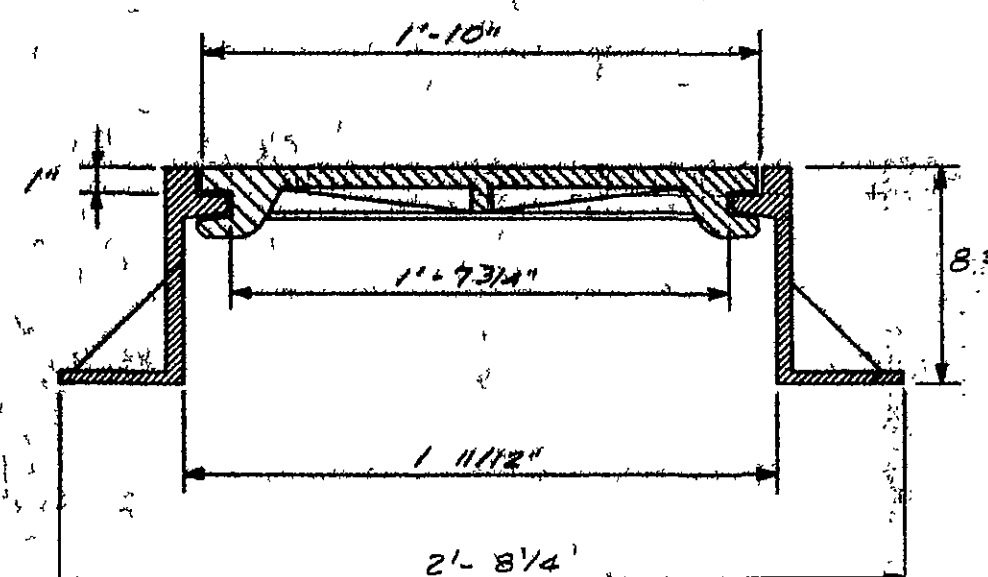
NOTE:
WEEP HOLE MUST BE DRAINED TO GRAVEL BED AND MAY NOT BE INSTALLED IN AREAS OF HIGH GROUNDWATER OR WHERE PIT IS SUBJECT TO FLOODING.

AIR RELEASE ASSEMBLY
NO SCALE

302.2
203

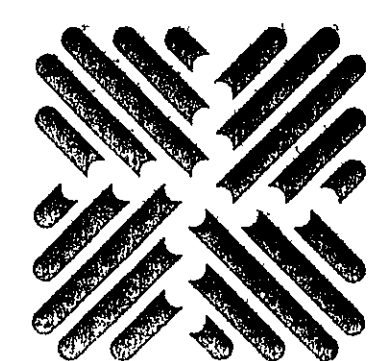


- NOTES**
1. FRAME AND COVER SHALL BE CAST FROM ASTM A 43, CLASS 30.
 2. BEARING SURFACES BETWEEN FRAME AND COVER SHALL BE MACHINED.
 3. FRAME AND COVER SHALL BE R 1920 WITH VENTED LOCKING LID AS MANUFACTURED BY NEENAH FOUNDRY CO OR APPROVED EQUAL.
 4. TOTAL WEIGHT = 300 LBS.



TYPICAL MANHOLE FRAME AND COVER DETAIL
NO SCALE

302.3
302



OLIVER INCORPORATED
Consulting Engineers • Environmental Laboratories

1531 NORTH MAIN STREET
BLACKSBURG VIRGINIA 24060 703 552 5548

Designed KEM

Drawn TBR

Checked PBH

Scale AS SHOWN

Job No 10977

Date NOV. 19, 1987

THE WATER'S EDGE

WELL HOUSE DETAIL

Rev	Description	Date	By
2	REVISED	5/6/88	KEM
1	DESIGN ISSUE	3/11/88	KEM
0	DESIGN ISSUE	11/19/87	KEM

Sheet No

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File No