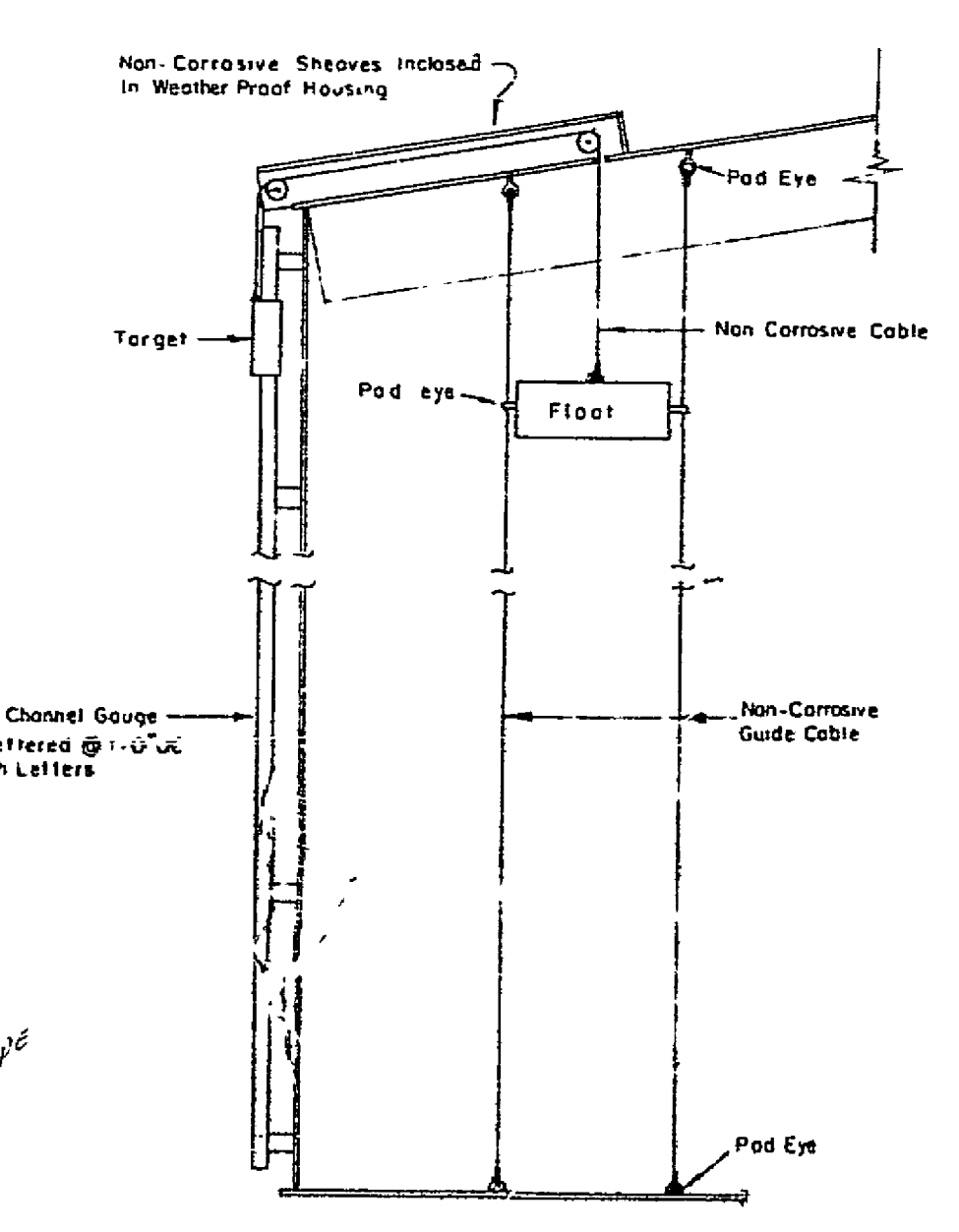
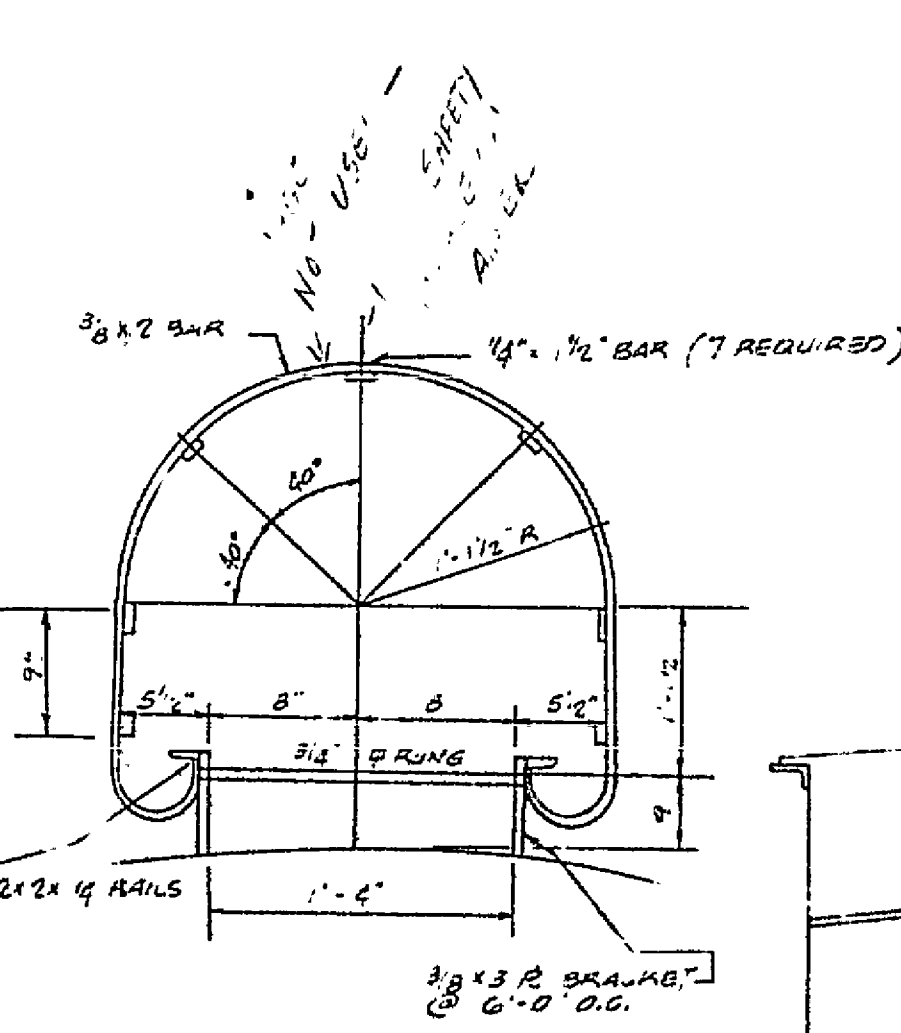




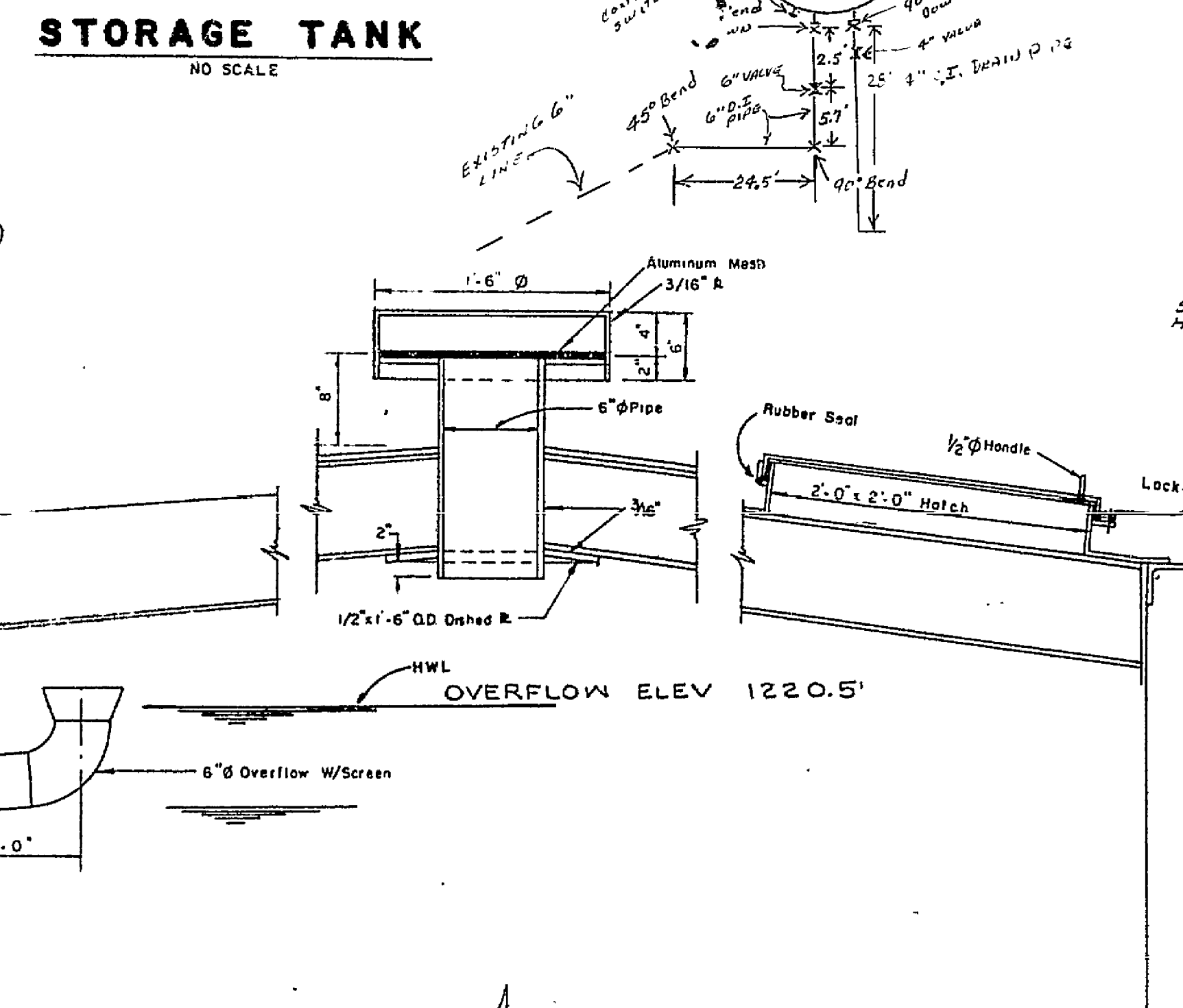
INDICATOR GAUGE DETAIL

NO SCALE

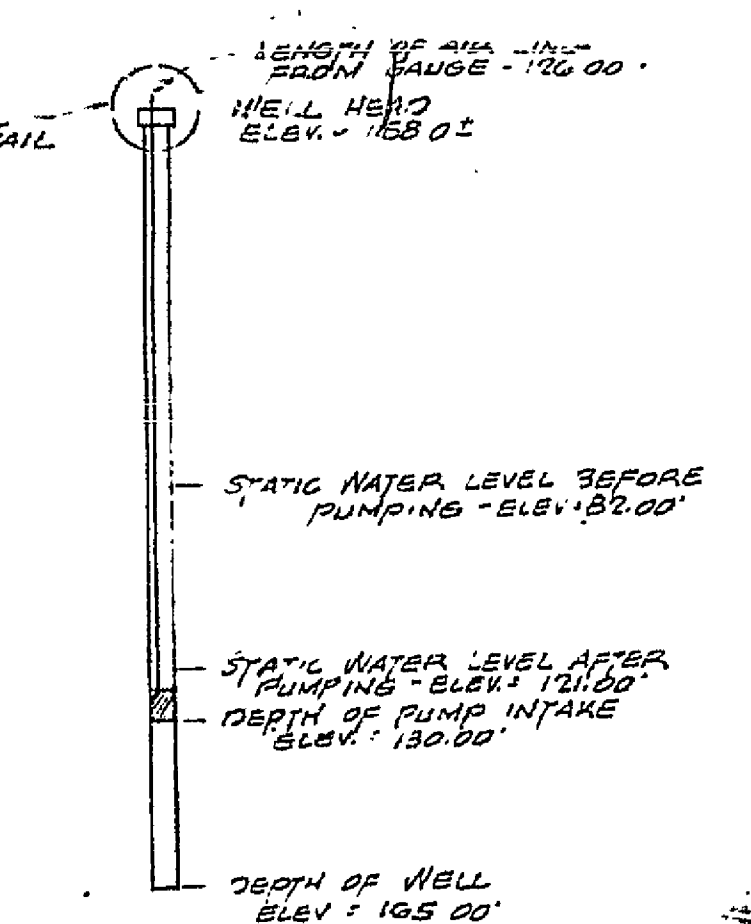


**OUTSIDE LADDER
DETAIL**

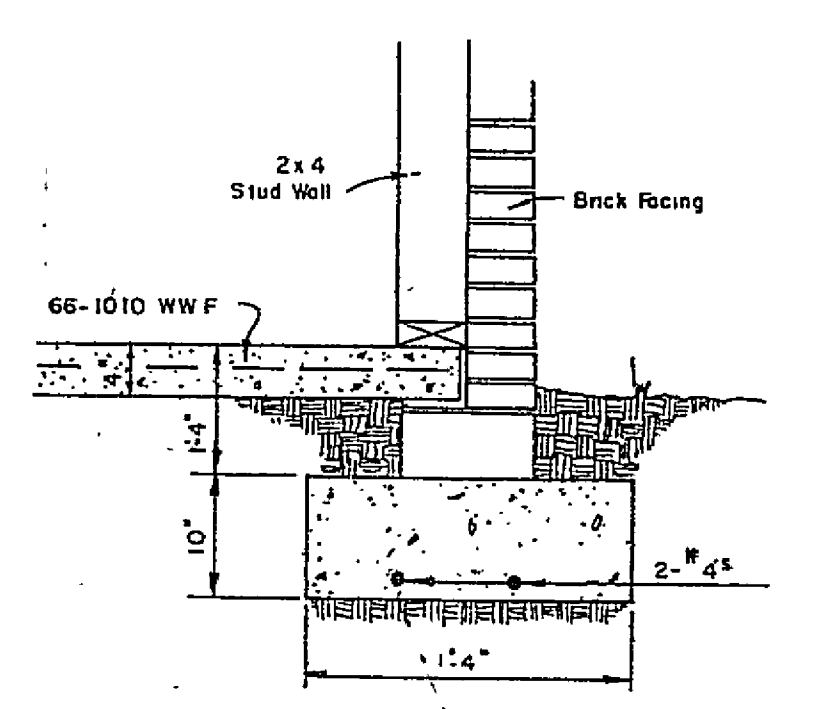
No Scale



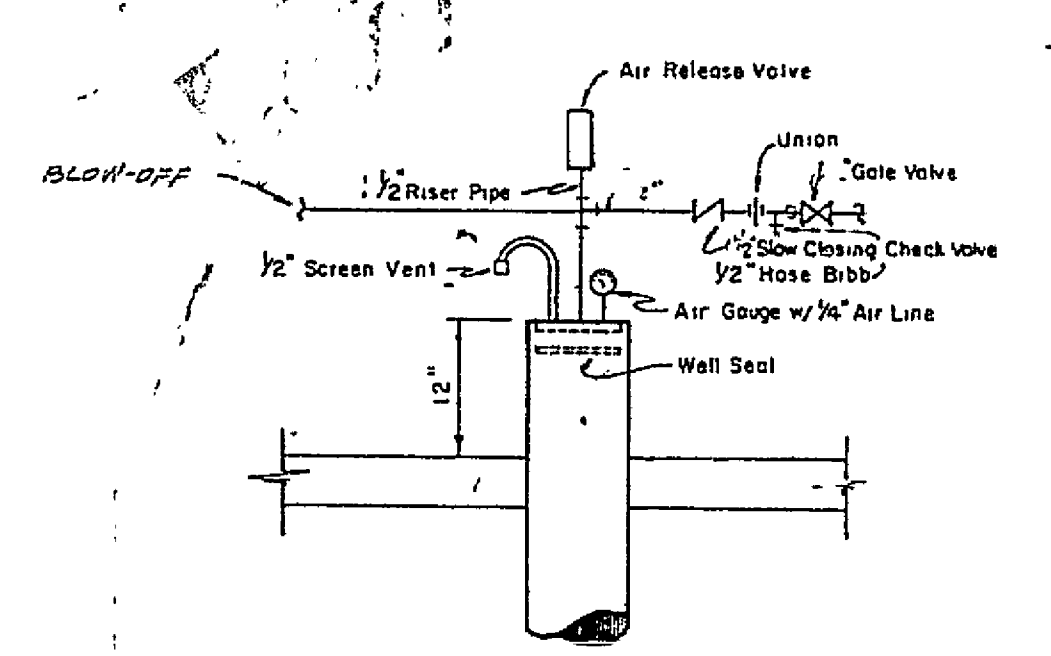
INDICATOR GAUGE DETAIL



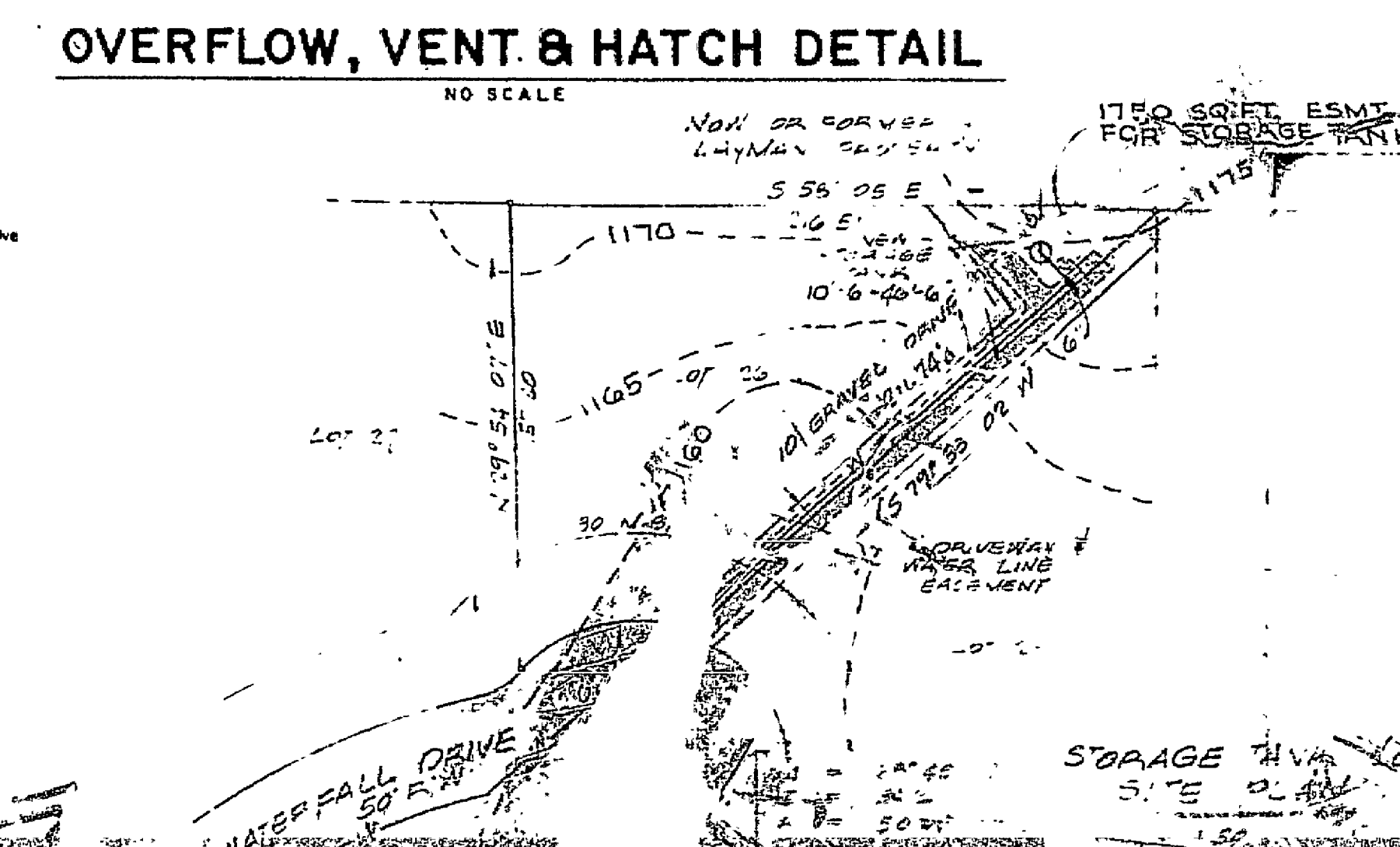
WELL SECTION
SCALE: NONE



WALL DETAIL
NO SCALE



TYPICAL WELL HEAD
NO SCALE



OVERFLOW, VENT. & HATCH DETAIL

1. DESIGN DATA:
WELL YIELD — 40 GPM (45 HR TEST)
NO. LOTS — 40 LOTS

2. STORAGE TANK:
33,000 GALS. (10' x DIA. X 46' 0" HIGH)
U.S.A. STANDARDS:
a. D 100-75 "LONSTON (ION)"
b. PAINTING - MANUFACTURER "RUST OLEUM": APPLICATION 2 COATS, PRIMER COAT "ZINCOSELE 9334", FINISH COAT "LIGHT GREEN 9331", THINNER #160.
c. 4" FILL CONNECTION ON FLOOR
d. WATER LEVEL PRESSURE CONTROL SWITCH
e. LLEN BRADLEY 836 C3J
f. 4 TO 4 P.S.I. DIFFERENTIAL
g. NMA TYPE 4 ENCLOSURE

3. WELL PUMP: JACUZZI-MODEL 254D - 2HP - 3450 RPM - 60 CYCLE
SINGLE PHASE 230V - 26 GPM @ 200' HEAD.

4. DISINFECTANT - WATER CONTAINING 50PPM CHLORINE SHALL BE PLACED IN THE TANK TO SUCH A DEPTH THAT FOR THE TANK FILLING THE RESULTANT CHLORINE CONCENTRATION SHALL BE NO LESS THAN 2 PPM. THE WATER CONTAINING 50PPM CHLORINE SHALL BE HELD IN THE TANK FOR 24 HOURS BEFORE THE TANK IS FILLED. THE FULL TANK SHALL BE ALLOWED TO STAND FOR 24 HOURS BEFORE THE TANK MAY BE PUT INTO SERVICE WITHOUT DRAINING THE WATER USED TO DISINFECT IT. TWO (2) SAMPLES SHALL BE TAKEN FOR BACTERIOLOGICAL TESTS BEFORE WATER IS PUT IN USE.

5. ANY JOB WITH INSUFFICIENT PRESSURE SHALL HAVE THEIR OWN PRESSURE SYSTEM DESIGNED AT THE TIME OF DEVELOPMENT.

6. HIGH WATER ELEVATION 1220 ±.

APPROVED
FOR CONSTRUCTION
BY *John R. P. [Signature]*
DIRECTOR OF ENGINEERING
R. C. P. S. A.
DATE 3-6-78

PUMP & STORAGE TANK DETAILS
FOR
WATERFALL LAKE
ROANOKE COUNTY, VIRGINIA
OWNER:

SCALE: AS NOTED

DATE: 6 JAN 1978

RC-2175