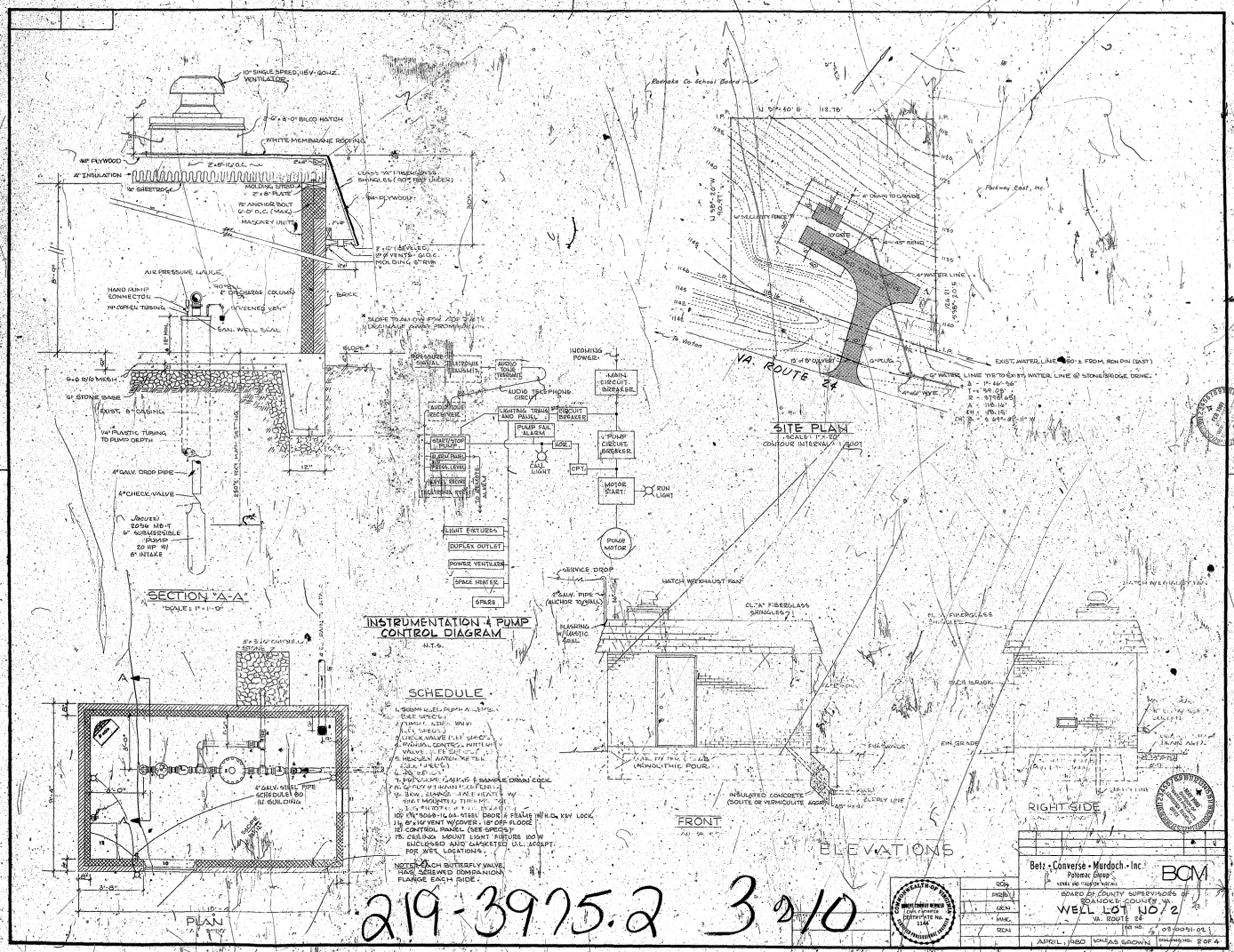
10" SINGLE SPEED, 115V-60HZ VENTILATOR
2'-0" x 2'-0" BILCO HATCH
WHITE MEMBRANE ROOFING
3/4" PLYWOOD
2"x8" @16" O.C.
2"x8"
2" INSULATION
16" SHEETROCK
MOLDING STRIPS
2"x6" PLATE
1/2" ANCHOR BOLT 6'-0" O.C. (MAX.)
MASONRY UNIT
CLASS "A" FIBERGLASS SHINGLES (SOLID FELT UNDER)
3/4" PLYWOOD
2'-0" SOFFITS 8" VENTS - 16" O.C. MOLDING & RIB
BRICK
AIR PRESSURE GAUGE
HAND PUMP CONNECTOR
1/4" COPPER TUBING
4" DISCHARGE COLUMN
"VEENEED VEE"
SAN. WELL SEAL
SLOPE TO ALLOW FOR ADEQUATE DRAINAGE AWAY FROM BUILDING
SLOPE
6"x6" 10/0 MESH
12" STONE BASE
EXIST. 8" CASING
1/4" PLASTIC TUBING TO PUMP DEPTH
4" GALV. DROP PIPE
4" CHECK VALVE
(JACUZZI) 20/56 MB-T 4" SUBMERSIBLE PUMP 20 HP W/ 8" INTAKE
SECTION "A-A"
SCALE: 1" = 1'-0"
PRESSURE SWITCH
TELETRONIX TRANSMITTER
AUDIO TONE TRANSMITTER
AUDIO TELEPHONE CIRCUIT
AUDIO TONE DECODER
CONTROL TRANS. AND PANEL
PUMP FAIL ALARM
CIRCUIT BREAKER
START/STOP PUMP
RUN TRANS.
PRESS. LEVEL
LEVEL DECODE
LOCATION RELAY
LIGHT FIXTURES
DUPLEX OUTLET
POWER VENTILATOR
SPACE HEATER
SPARE
INCOMING POWER
MAIN CIRCUIT BREAKER
PUMP CIRCUIT BREAKER
MOTOR START
RUN LIGHT
CALL LIGHT
ACK.
OPT.
PUMP MOTOR
SERVICE DROP
2" GALV. PIPE (ANCHOR TO WALL)
FLASHING W/ MASTIC SEAL
INSTRUMENTATION & PUMP CONTROL DIAGRAM
N.T.S.
SCHEDULE
1. SUBMERSIBLE PUMP & MOTOR (SEE SPECS.)
2. TIMER, SIZE: 1 W.V. (SEE SPECS.)
3. CHECK VALVE (SEE SPECS.)
4. MANUAL CONTROL MITTIGATE VALVE (SEE SPECS.)
5. HEAVY DUTY SERVICE (SEE SPECS.)
6. 20 SEC.
7. PRESSURE GAUGE & SAMPLE DRAIN COCK
8. GROUND MOUNTED CONTROL
9. 3 KW. STANDARD HEIGHT W/ THERMOSTATIC FAN
10. 1/4" 20/56-16 GA. STEEL DOOR & FRAME W/ H.D. KEY LOCK
11. 6"x 16" VENT W/COVER, 18" OFF FLOOR
12. CONTROL PANEL (SEE SPECS.)
13. CEILING MOUNT LIGHT FIXTURE 100 W ENCLOSED AND GASKETED (UL. ACCEPT. FOR WET LOCATIONS)
NOTE: EACH BUTTERFLY VALVE HAS SCREWED COMPANION FLANGE EACH SIDE.
4" GALV. STEEL PIPE SCHEDULE 80 TO BUILDING
PLAN
Roanoke Co. School Board
N 51°-40' E 112.78'
Parkway East, Inc.
6" DRAIN TO GRADE
6' SECURITY FENCE
HOUSE
4" 45° BEND
4" WATER LINE
To Vinton
6'-0" CULVERT
6" PLUG
EXIST. WATER LINE 150' ± FROM IRON PIN (EAST)
6" WATER LINE TIE TO EXIST. WATER LINE @ STONEBRIDGE DRIVE.
VA. ROUTE 24
SITE PLAN
SCALE: 1" = 20'
CONTOUR INTERVAL 1.00'
HATCH WITH EXHAUST FAN
CL. "A" FIBERGLASS SHINGLES
FIN. GRADE
(MONOLITHIC POUR)
INSULATED CONCRETE (SOLITE OR VERMICULITE AGGR.)
FRONT
RIGHT SIDE
ELEVATIONS
Betz • Converse • Murdoch • Inc.
Potomac Group
LEWIS AND CLARK DRIVE
BOARD OF COUNTY SUPERVISORS OF ROANOKE COUNTY, VA.
WELL LOT NO. 2
VA. ROUTE 24
JOB NO. 08-00051-01
APRIL, 1980
SCALE: AS SHOWN
DRAWING NO. 2 OF 4
BCM
DCN
PROJ.
MGR.
RCN
219-3975.2 3 of 10