

NOTE: LIGHT LINE INDICATE
EXISTING PIPING TO BE
REMOVED.

REQD.
1-4" SWING CHECK VALVE
1-5" 1/2" 1-4" Y
1-4" BEND TO FIT EXIST.
LINE ALIGNMENT
1- TYPE "B" ANCHOR
1- 2" 3"
1- 2" 3"
1- 2" 3"

DETAIL OF REARRANGEMENT
OF 4" TO 6" CONNECTION

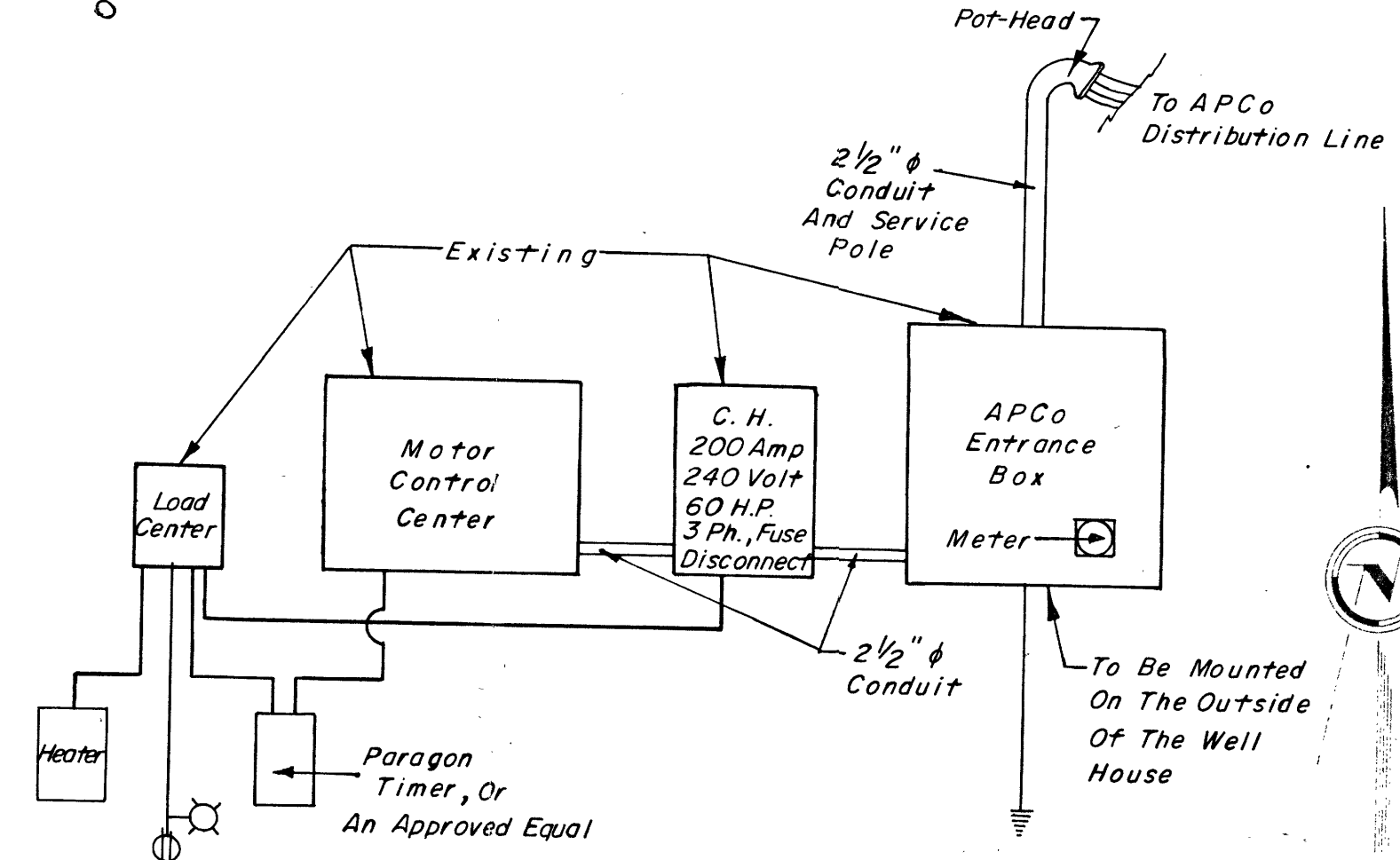
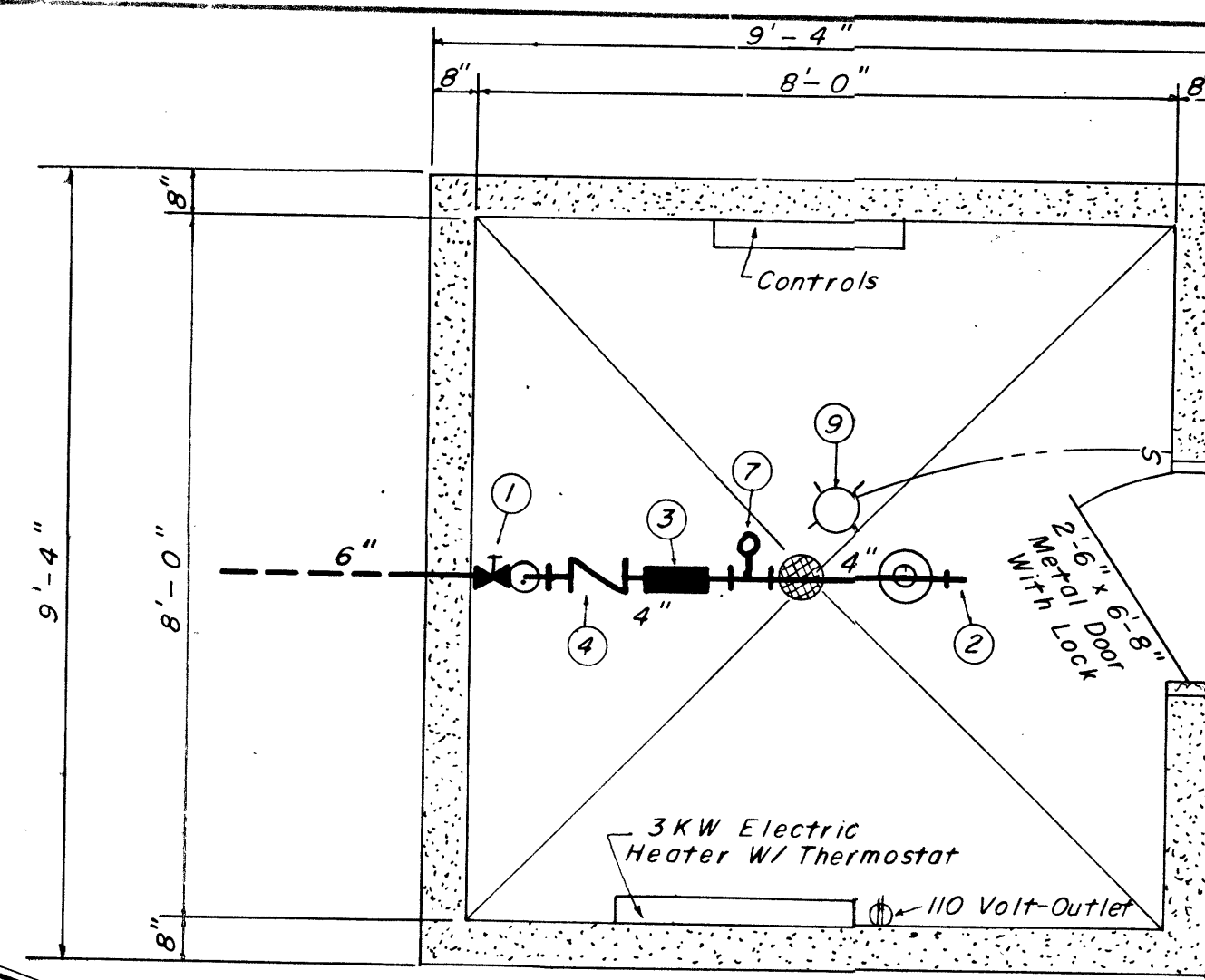
EXIST. STORAGE TANK NO. 1
CAP: 300,000 GALS
28" DIA.
ELEV. BASE: 1503.59
ELEV. TOP: 1527.52

PROPOSED STORAGE TANK
CAP: 300,000 GALS
48" DIA.
ELEV. BASE: 1503.60
ELEV. TOP: 1527.60

EXIST. STORAGE TANK NO. 2
CAP: 100,000 GALS
28" DIA.
ELEV. BASE: 1503.62
ELEV. TOP: 1527.62

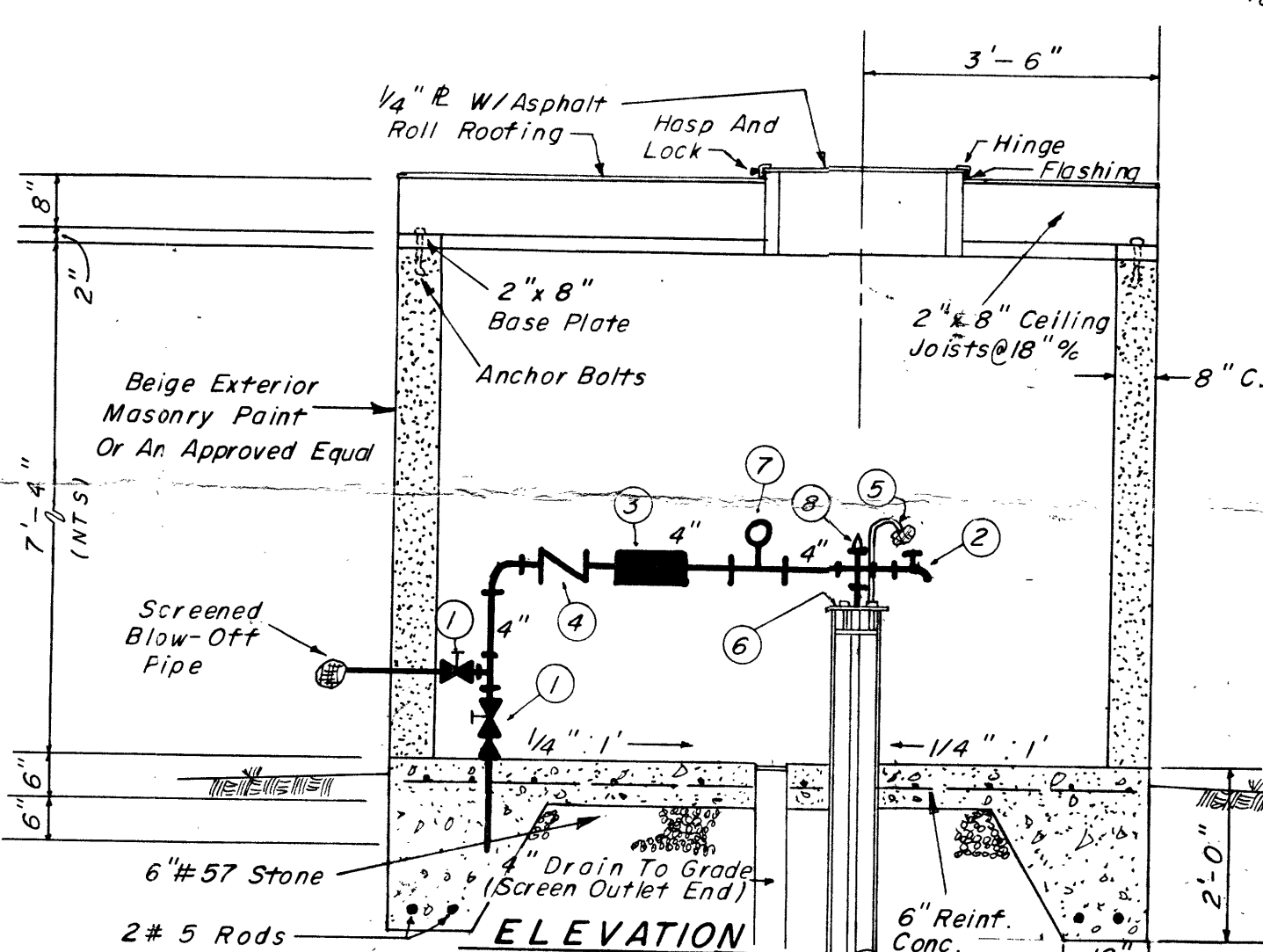
THIS PROJECT
8" Tapping
Sleeve And
Valve

EXIST. 4" T
EXIST. 4" GV
EXIST. 4" T



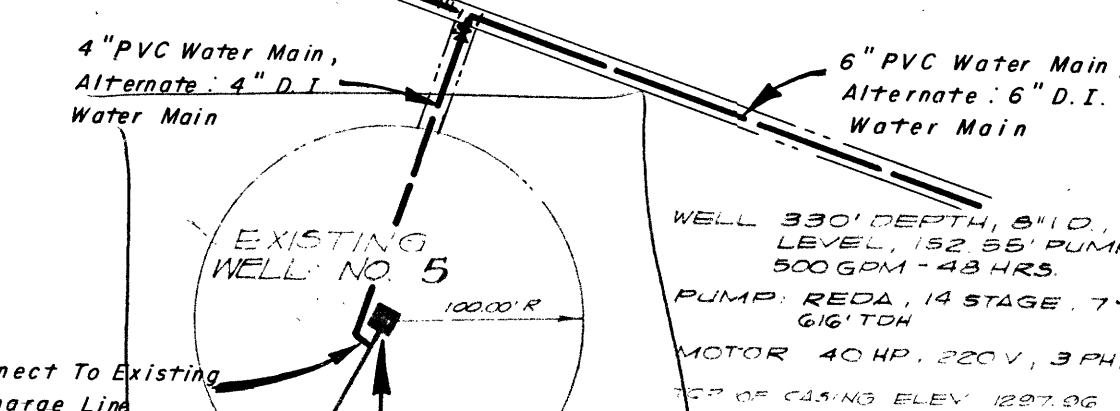
PANEL LAY-OUT FOR ELECTRICAL CONTROLS

Not To Scale



NO. 6 WELL HOUSE DETAILS

Scale: 1/2" = 1'-0"



TO BE INCLUDED IN THIS PROJECT

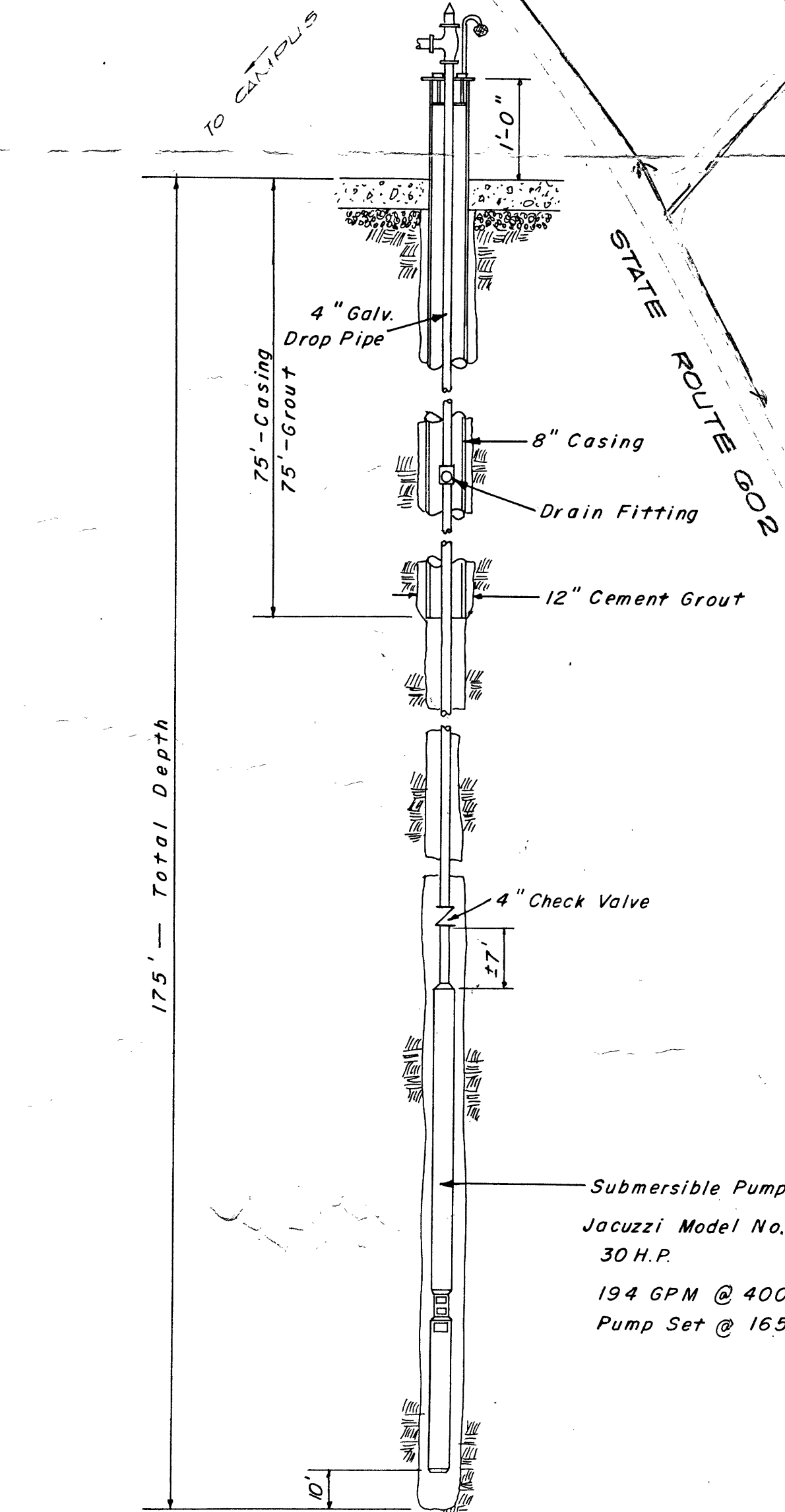
Contractor Shall Furnish And
Install A 4" Trident Meter,
Or An Approved Equal.

NEW WELL ADDITION

WELL: 175' DEPTH, 8" I.D., 60' STATIC
LEVEL, 165' PUMP LEVEL
250 GPM - 2 HRS.
PUMP: JACUZZI, MODEL NO. 3056M 12XP-T/A
SERIAL NO. 847165719
MOTOR: 30 H.P., 220 V., 3 PH., 60 CYCLE
TOP OF CASING ELEV. = 1293.03

WELL: 185' DEPTH, 8" I.D., 175' STATIC LEVEL,
87' 10" PUMP LEVEL, 150 GPM - 48 HRS.
PUMP: SUMO: 100 GPM 455 TON
125 GPM 345 TON
150 GPM 260 TON
MOTOR: 15 HP, 220 V., 3 PH., 60 CYCLE
TOP OF CASING ELEV. 1286.30

WELL: 305' DEPTH, 8" I.D., 0' - 250' - 305'
143' 24" STATIC LEVEL, 41' 24" PUMP LEVEL,
115 GPM - 60 HRS.
PUMP: FAIRBANKS MORSE: 100 GPM, 365 TON
MOTOR: 15 HP, 220 V., 60 CYCLE
TOP OF CASING ELEV. 1264.75



NO. 6 WELL DETAIL

Not To Scale

EXISTING WATER SUPPLY SYSTEM FERRUM WATER AND SEWERAGE AUTHORITY

SITUATED ON THE LANDS OF FERRUM JUNIOR COLLEGE, FERRUM, VIRGINIA

SCALE: 1" = 100'

Prepared By
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STATE ROUTE 864
J.A. Gustin