

SCOPE OF WORK WATER WELL PUMP REPLACEMENT

The Contractor will provide all equipment, labor, material, and transportation to replace the well pump, well pump motor, and riser pipe in the water well at the FAA Housing Facility in King Salmon, Alaska. The FAA's Public Well System (PWS) is identified as 263014.

The Contractor will do the following:

1. Furnish and install a new pump and motor that is equal to the existing. The electric motor is 3-phase and rated at 2 hp.
2. Replace 210 feet of 1-1/4" riser pipe with new galvanized steel pipe (T&C).
3. Replace existing submersible pump wiring (flat 12/4 neoprene) with manufacturer's recommended wiring. Secure wiring to the riser pipe at 10-foot intervals.
4. Re-install the roof access hatch to original condition and remove construction waste materials (to include all removed riser piping and wiring) from site.
5. The existing well pump and motor assembly shall remain on site in the well house, at the completion of the project.

FAA's as-built drawings, site photographs, and Well Log will be provided to the Contractor for information.

Mr. Thomas (Derrick) Wilkerson will be the Contracting Officer's Representative (COR) and will be responsible to oversee the on-site performance.



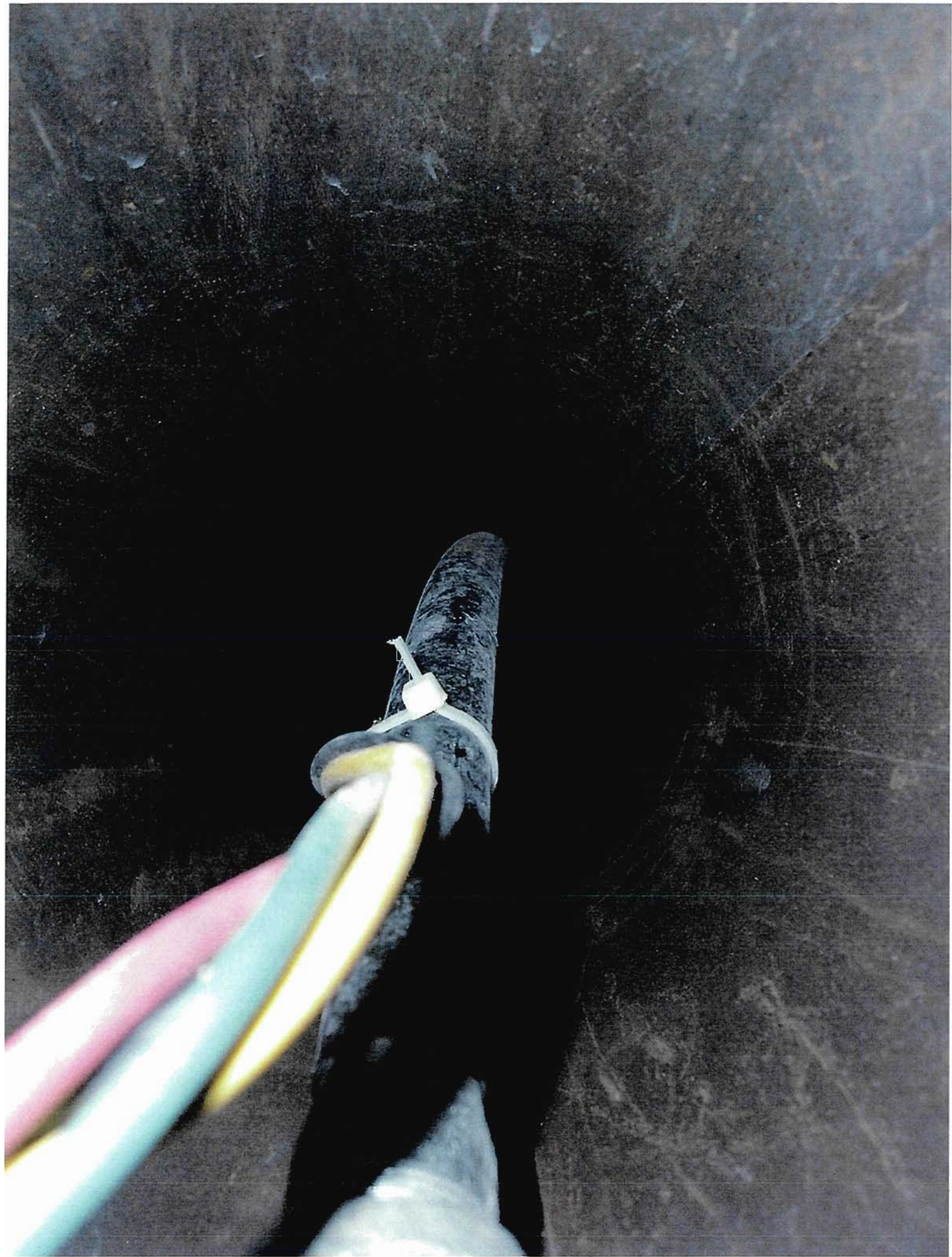
FAA Water Storage Tank, King Salmon, AK

King Salmon, AK

King Salmon Airport, AK

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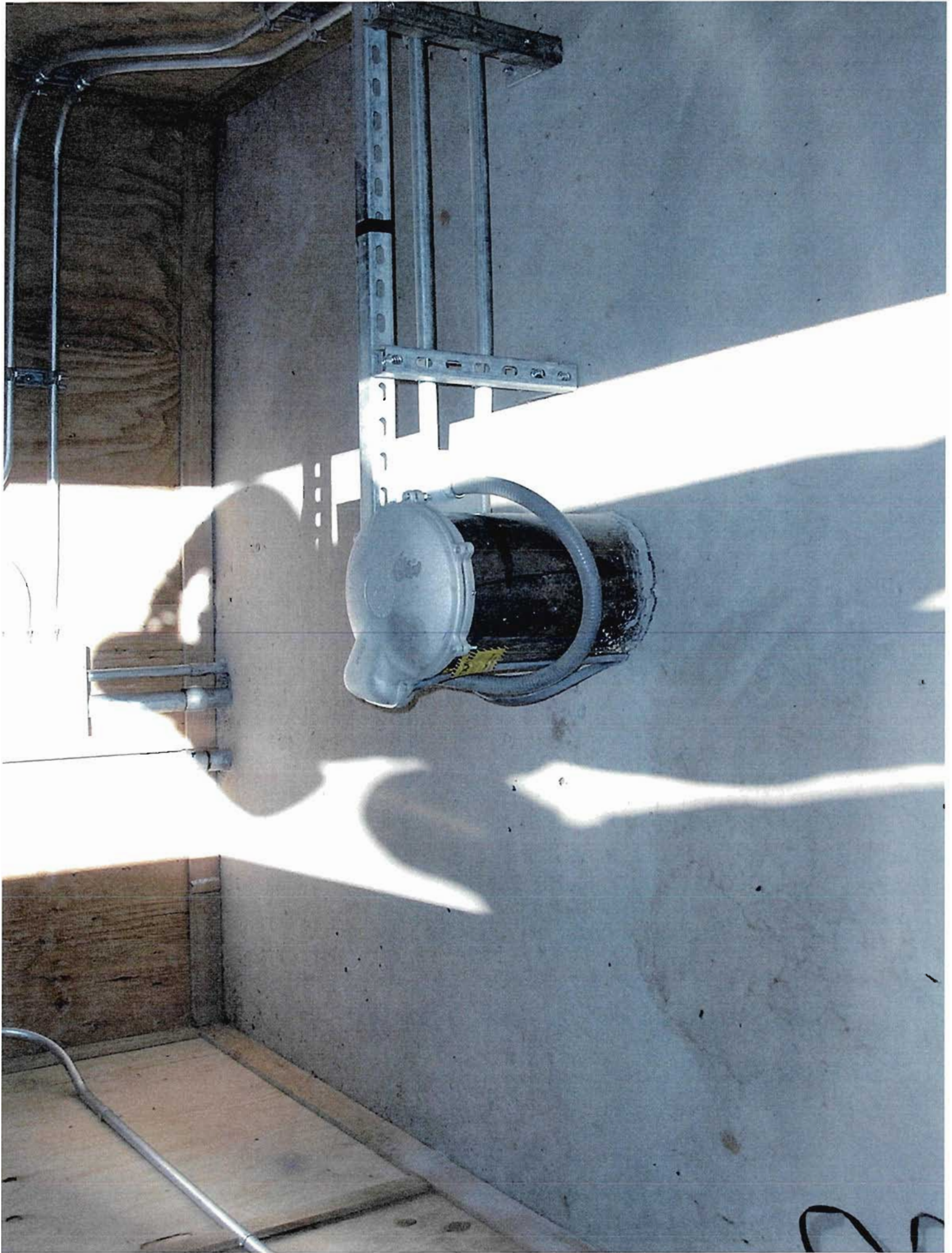




12-11-66
4011227
ELECTRO-TECH INC.

WYOS-8

3/96





JOHNSON DRILLING CO
AS-BUILT DRAWING FOR:

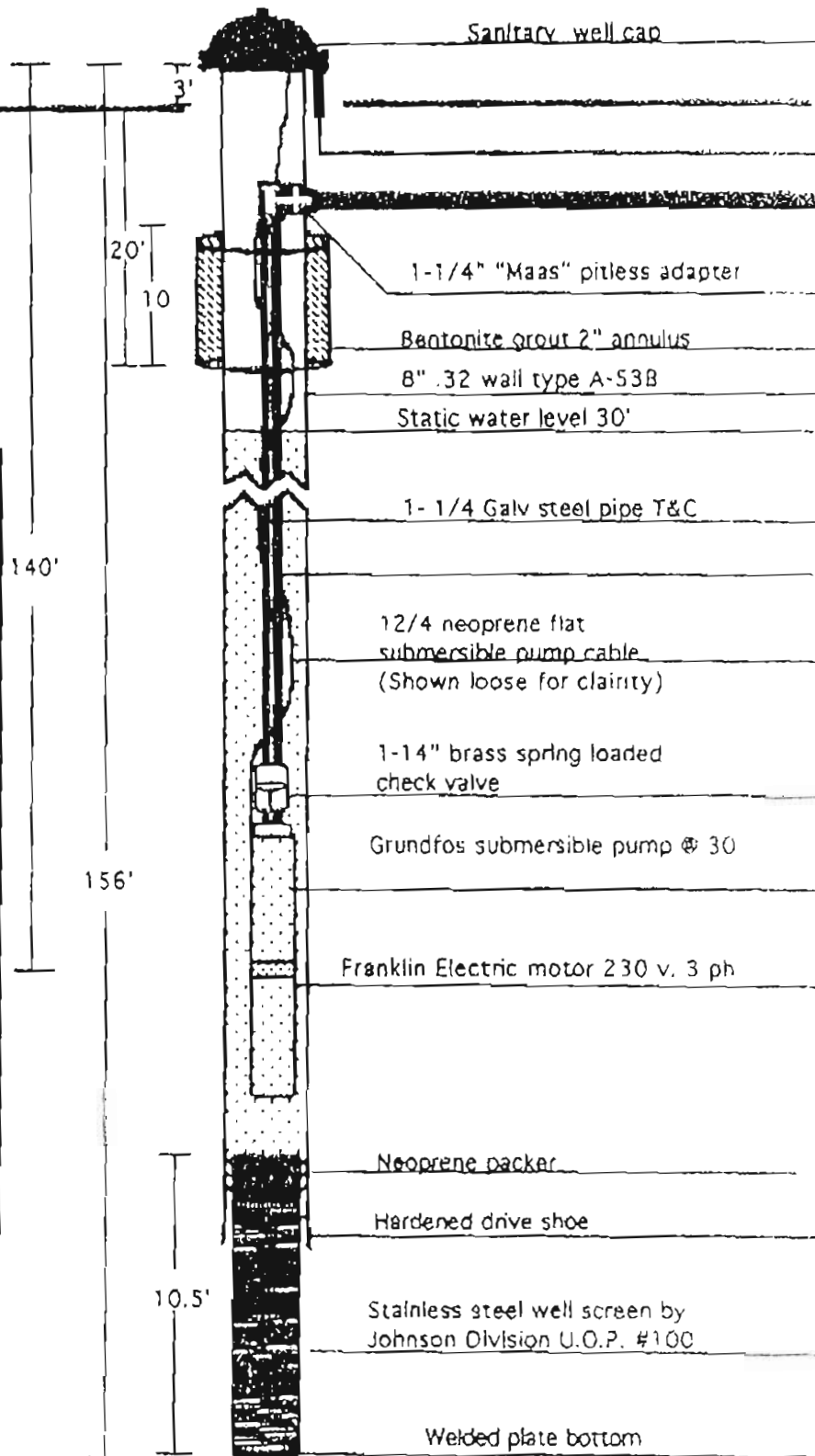
KING SALMON
HOUSING
OCC/SAC

Completed: 8/96

- 0-10 Silty Sand
- 10-20 Clay
- 20-40 Clay w/rock
- 40-60 Clay w/rock
- 60-80 Clay w/rock
- 80-100 Clay w/rock
- 100-120 Clay w/rock
- 120-135 Clayey sand
- 135-140 Clayey sand w/some water
- 140-145 Clayey sand w/water
- 145-156 Sand and gravel w/water



Wire cross sectional



Sanitary well cap

Grade

3'

20'

10'

1-1/4" "Maas" pitless adapter

Bentonite grout 2" annulus

8" .32 wall type A-53B

Static water level 30'

1- 1/4 Galv steel pipe T&C

12/4 neoprene flat
submersible pump cable
(Shown loose for clarity)

1-1/4" brass spring loaded
check valve

Grundfos submersible pump @ 30'

Franklin Electric motor 230 v. 3 ph

Neoprene packer

Hardened drive shoe

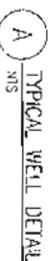
Stainless steel well screen by
Johnson Division U.O.P. #100

Welded plate bottom

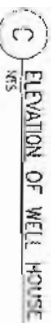
10.5'

140'

156'



B PLAN VIEW OF WELL HOUSE

[illegible]

INV. NO. DACW85-95-B-0015

