

THE PARCELS THIS LOMA IS REFERRING TO HAVE BEEN SPLIT. THE STRUCTURES THE LOMA REMOVED FROM THE SFHA APPEAR TO BE ON CURRENT PARCEL NUMBERS: 406-13-002F AND POSSIBLY 402-13-002J. ATTACHED IS A MAP OF THE TRAILER PARK AND THE "SURVEYED ELEVATIONS FOR FEMA MAP CHANGE" DOCUMENT THE LOMA REFERS TO. THESE DOCUMENTS AND ADDITIONAL DOCUMENTS IN THE PHYSICAL FILE WILL HELP DETERMINE WHICH STRUCTURES THE LOMA REMOVED FROM THE SFHA.



# Federal Emergency Management Agency

Washington, D.C. 20472

APR 15 1996

Mr. James M. Holst  
County Administrator  
Yavapai County  
255 East Gurley Street  
Prescott, Arizona 86301

RECEIVED BY  
BOARD OF SUPERVISORS

APR 19 1996

YAVAPAI COUNTY

IN REPLY REFER TO:

Case No.: 96-09-204A

Community: Yavapai County, Arizona

Community No.: 040093

Map Panel Affected: 0865 B

T-218-65-RS

Dear Mr. Holst:

This is in response to a letter dated November 13, 1995, from Ms. Eileen Herald, Suburban Mobile Home Park, requesting that the Federal Emergency Management Agency (FEMA) determine whether the following property is located in a Special Flood Hazard Area (SFHA), an area that would be inundated by a flood having a 1-percent chance of being equaled or exceeded in any given year (base flood). This property has been elevated by the placement of fill.

Property Description: A portion of the northwest quarter of Section 12, Township 15 North, Range 3 East, Gila and Salt River Base and Meridian, shown as Parcels 1 and 2, Suburban Mobile Home Park, as described in the Joint Tenancy Deed recorded as Instrument No. 9208364 in Book 2455, Pages 545 and 546, in the Office of the Recorder, Yavapai County, Arizona

Street Address: 1335-1365 Bates Road

Community and State: Yavapai County, Arizona

All fees necessary to process this Letter of Map Revision (LOMR), a total of \$505, have been received.

On March 14, 1996, we received all information necessary to process this request. After comparing this information to the National Flood Insurance Program (NFIP) map for your community, we determined that although portions of the property described above would be inundated by the base flood, the existing 13 structures on the property (Lots 21 through 28, 30, 37, and 38 and Residences 1 and 2, as shown on the map entitled "Surveyed Elevations for FEMA Map Change," prepared by Mr. Adrian R. Pollock) would not be inundated. Therefore, this letter revises the NFIP map for Yavapai County, Arizona (NFIP Map Number 040093, Panel 0865 B, dated August 19, 1985), to remove the structures from the SFHA. The structures are now located in Zone B, an area of moderate flooding outside the SFHA. Because portions of the property are in the SFHA, any future construction or substantial improvement on the property remains subject to Federal, State, and local regulations for floodplain management.

You should note that this property could be inundated by a flood greater than the base flood or by local flooding conditions not shown on the NFIP map. Also, although we have based our determination on the flood data presently available, we are currently revising the NFIP map for Yavapai County, Arizona. New flood data could be generated that may affect this property. When the new NFIP map is issued, it will supersede this letter. The Federal requirement for purchasing flood insurance will then be based on the newly issued NFIP map.

Even though this property is not included in an SFHA, it could be inundated by a flooding event of greater magnitude than the base flood. In fact, more than 25 percent of all losses in the NFIP occur to structures

File: Suburban MHP  
406-13-2A  
FOR KEN SPEDDING  
IS THIS YOURS?  
Jim

located outside the SFHA in Zones B, C, or X. More than 25 percent of all policies purchased under the NFIP protect structures located in these zones. This clearly illustrates that there is a risk of flooding in non-SFHAs. That risk is just not as great as the flood risk to structures located in SFHAs. To offer flood insurance protection to owners of such structures, the NFIP offers two types of flood insurance. Property owners should discuss their individual flood risk situation and insurance needs with their insurance agent or company before making a final decision regarding flood insurance coverage.

To ensure continued eligibility to participate in the NFIP, your community must enforce its floodplain management regulations using, at a minimum, the flood elevations and zone designations shown on the NFIP map for your community, including the revision effected by this letter. This response is based on the minimum criteria established by the NFIP. State and community officials, based on knowledge of local conditions and in the interest of public safety, may set higher standards for construction in the floodplain. If the State of Arizona or your community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum Federal criteria.

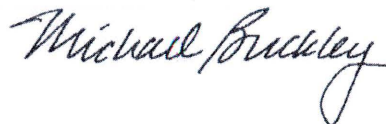
This revision has been made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and is in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, Public Law 90-488), 42 U.S.C. 4001-4128, and 44 CFR Part 65.

Because this LOMR will not be printed and distributed to primary map users, such as local insurance agents and mortgage lenders, your community will serve as a repository for these new data. We encourage you to disseminate the information reflected by this LOMR throughout your community so that interested persons, such as property owners, local insurance agents, and mortgage lenders, may benefit from the information. We also encourage you to prepare an article for publication in your community's local newspaper that would describe the changes that have been made and the assistance that officials of your community will give to interested persons by providing these data and interpreting the NFIP maps.

A copy of this LOMR is being sent to your community's official NFIP map repository where, in accordance with regulations adopted by your community when it made application to join the NFIP, it should be attached to the community's official record copy of the NFIP map, which is available for public inspection.

If you have any questions or if we can be of further assistance, please contact Ms. Agnes De Coca of our staff in Washington, DC, either by telephone at (202) 646-2746 or by facsimile at (202) 646-4596.

Sincerely,



Michael K. Buckley, P.E., Chief  
Hazard Identification Branch  
Mitigation Directorate

cc: Community Map Repository

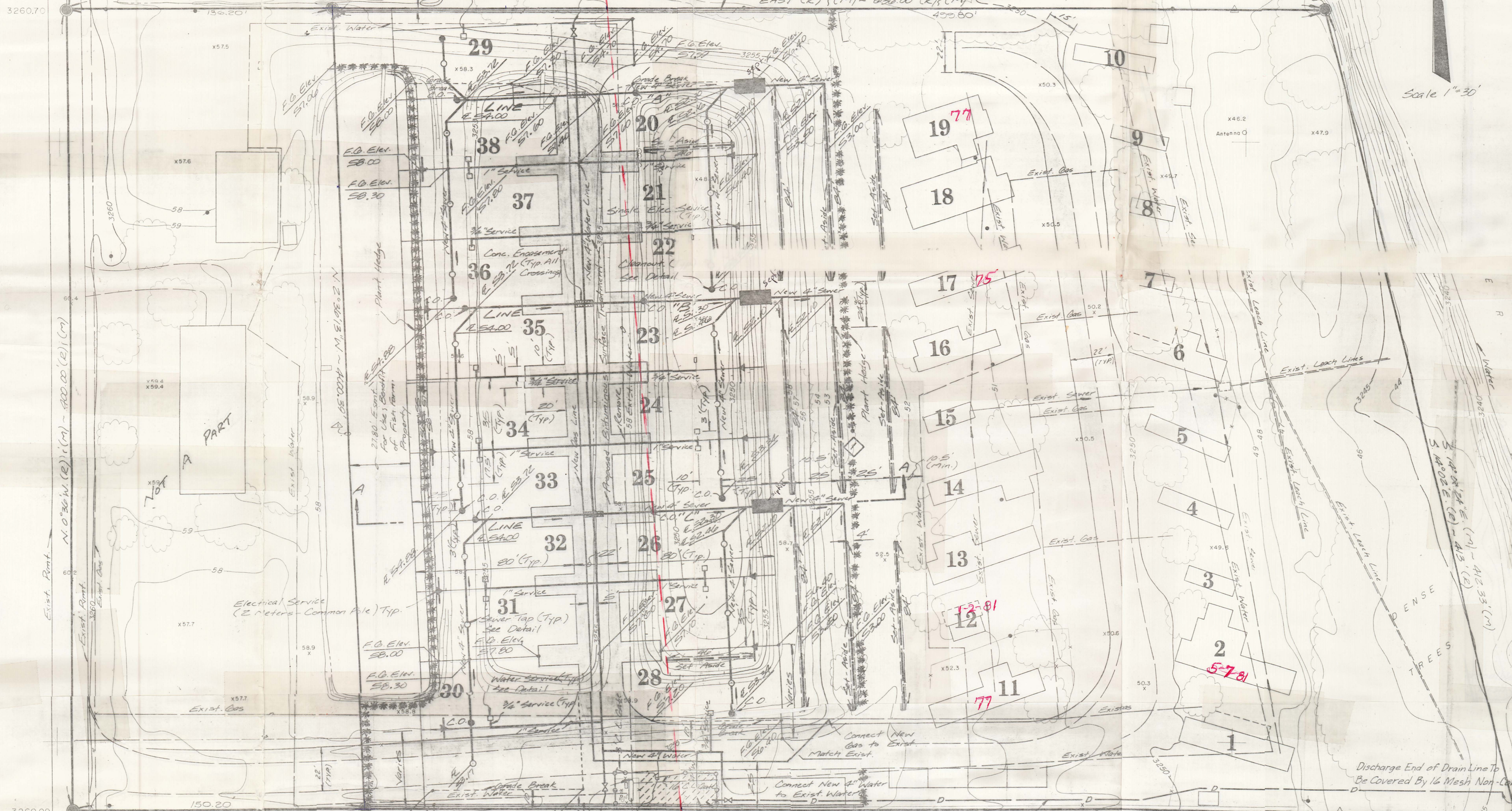
Ms. Eileen Herald  
Suburban Mobile Home Park

# NEW ADDITION TO SUBURBAN TRAILER PARK

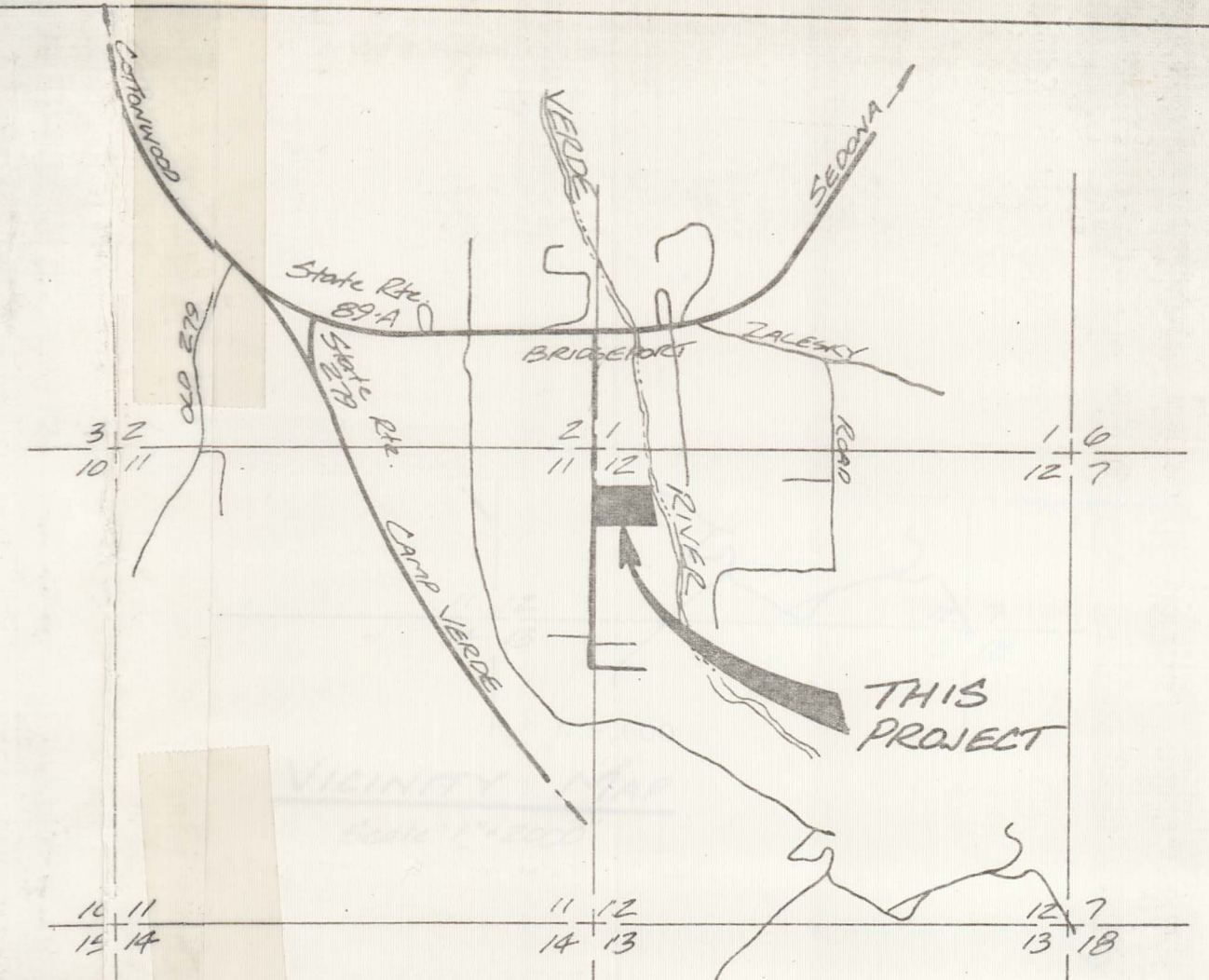
LOCATED IN THE N.W. 1/4, SEC. 12  
T. 15 N., R. 3 E., Q. 1 S. R. B. & M.  
YAVAPAI COUNTY, ARIZONA

Constr. 8' Tall Masonry Wall

Connect New 4" Water  
to Exist. Water Line



Scale 1"=30'



VICINITY MAP  
Scale 1"=2000'

**TYPICAL LEACH TRENCH**  
Percolation Rate - 4 min. per inch @ 5' Depth  
Rate of Application - 1.0 gal. per sq. ft. per day  
Area Required -  $9,500 \div 1.0 = 9,500$  sq. ft.  
 $9,500 \times 2 = 19,000$  sq. ft. (Includes Set-Aside)

Line "A" = 3 - 84' Trenches @ 12' avg. Depth + 1 - 46' Trench @ 12' Depth = 7152 sq. ft. (Including Set-Aside)  
Septic Tank to be 4800 gal. Min. Capacity

Line "B" = 3 - 84' Trenches @ 12' avg. Depth = 6048 sq. ft.  
Septic Tank to be 4800 gal. Minimum Capacity

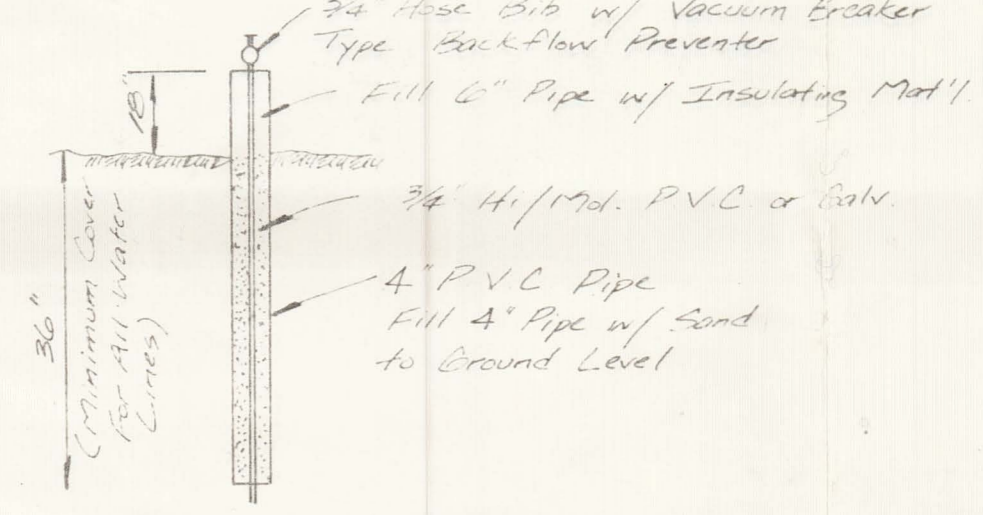
Line "C" = 3 - 84' Trenches @ 12' avg. Depth + 1 - 46' Trench @ 12' Depth = 7152 sq. ft.  
Septic Tank to be 5600 gal. Minimum Capacity

20,532 sq. ft. > 19,000 sq. ft.

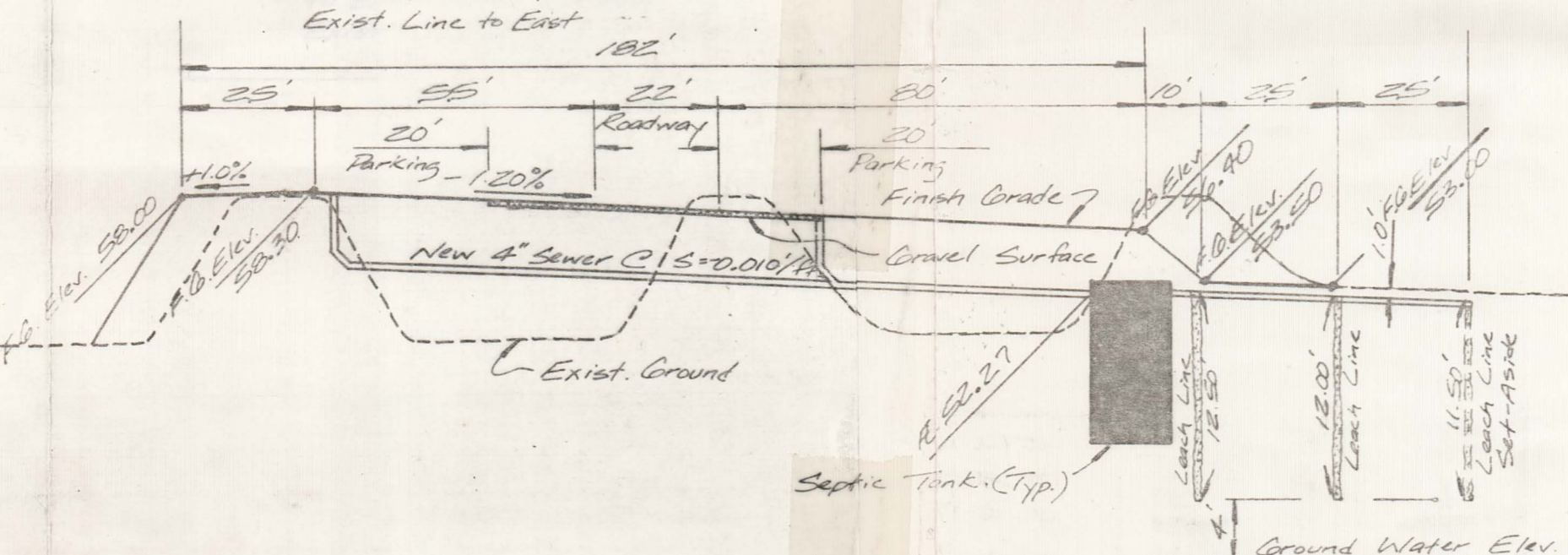
LOG OF BORING  
1 0'-10' Silty Sand

*Adrian R. Pollock*  
5-2-80

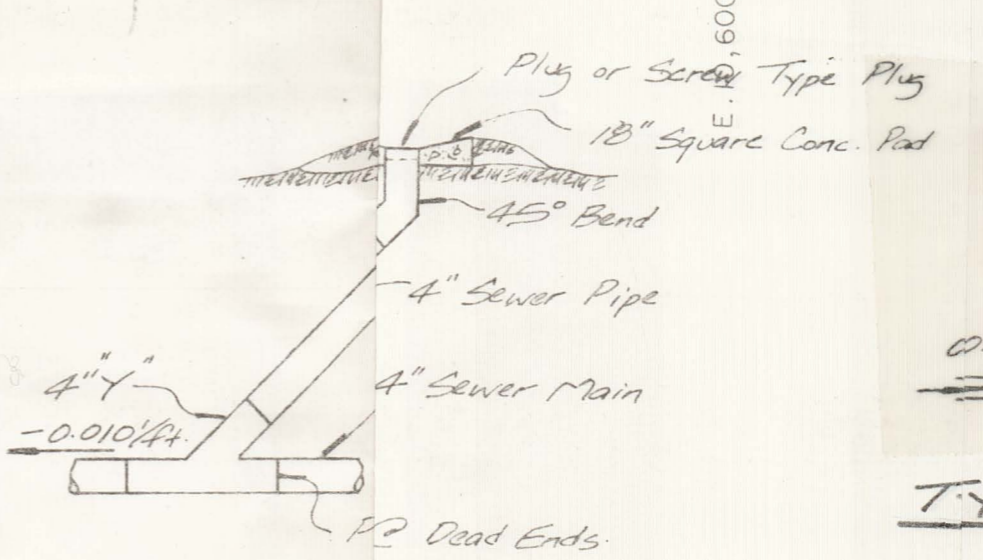
- NOTE: 1.) All Sewer Pipe to be A.B.S. Plastic Pipe and Fittings or Equal.  
2.) All Water Pipe to be P.V.C. or A.C.  
3.) Septic Tanks to be Pre-Cast Units.  
4.) Only Properly Vented Trailers Will Be Allowed to Connect to Sewer Lines.  
(Cont. at left below)



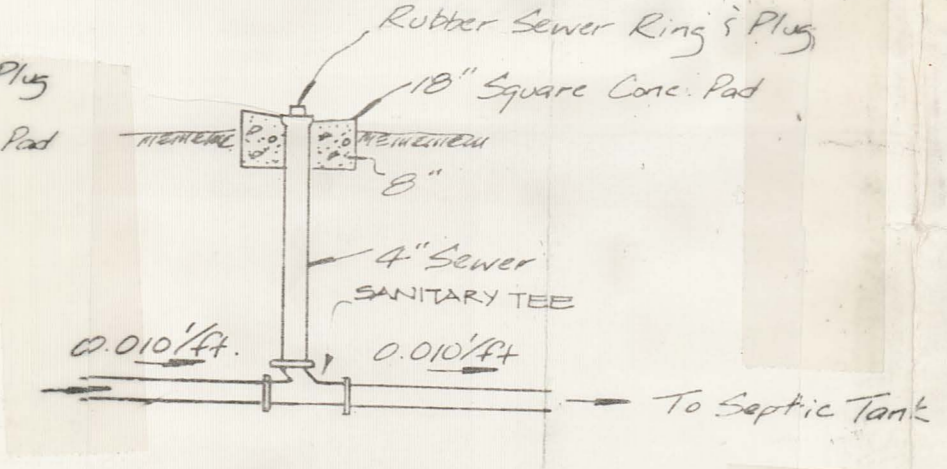
TYPICAL WATER SERVICE  
No Scale



SECTION A-A  
Scale Horiz. 1"=30'  
Vert. 1"=10'



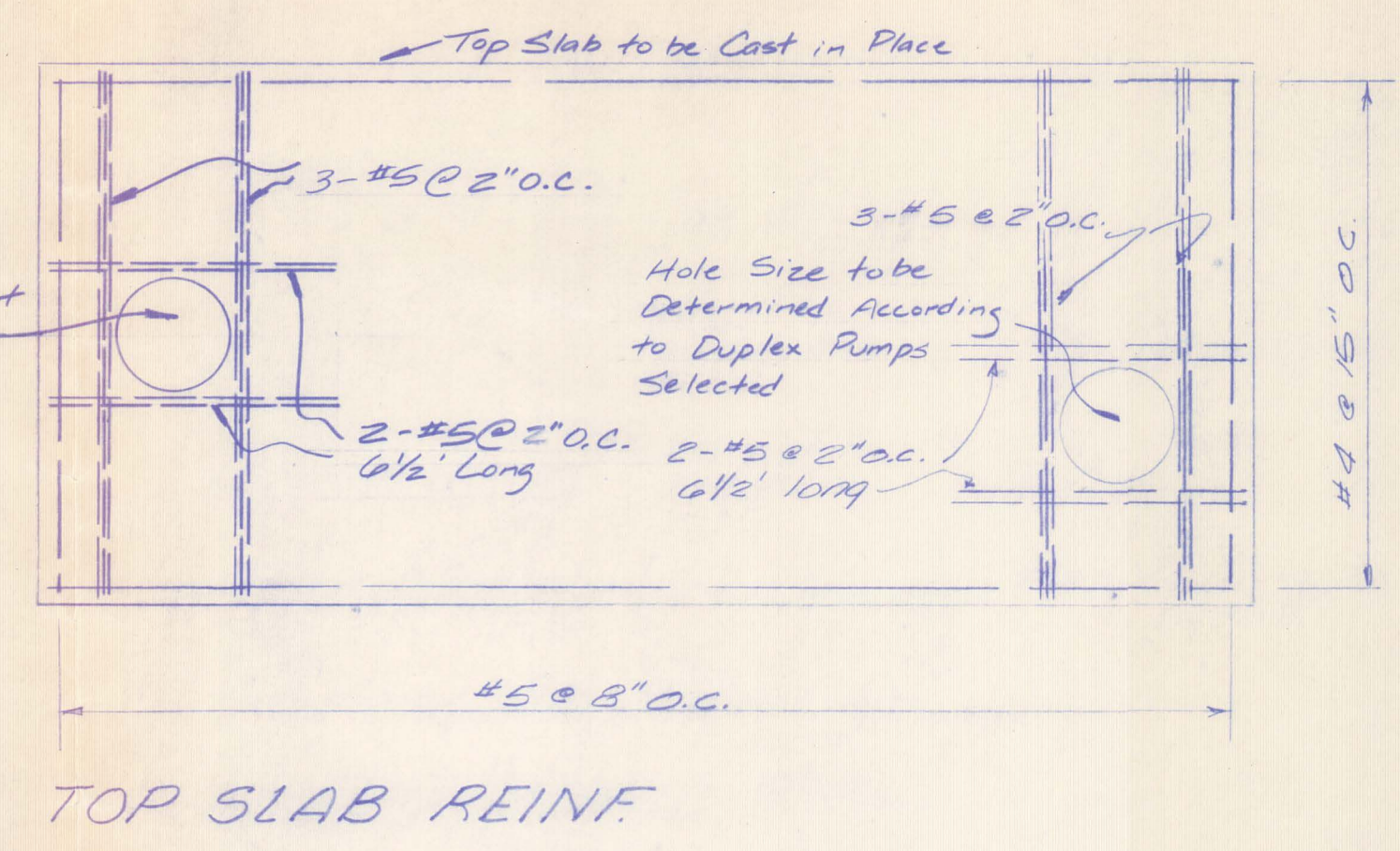
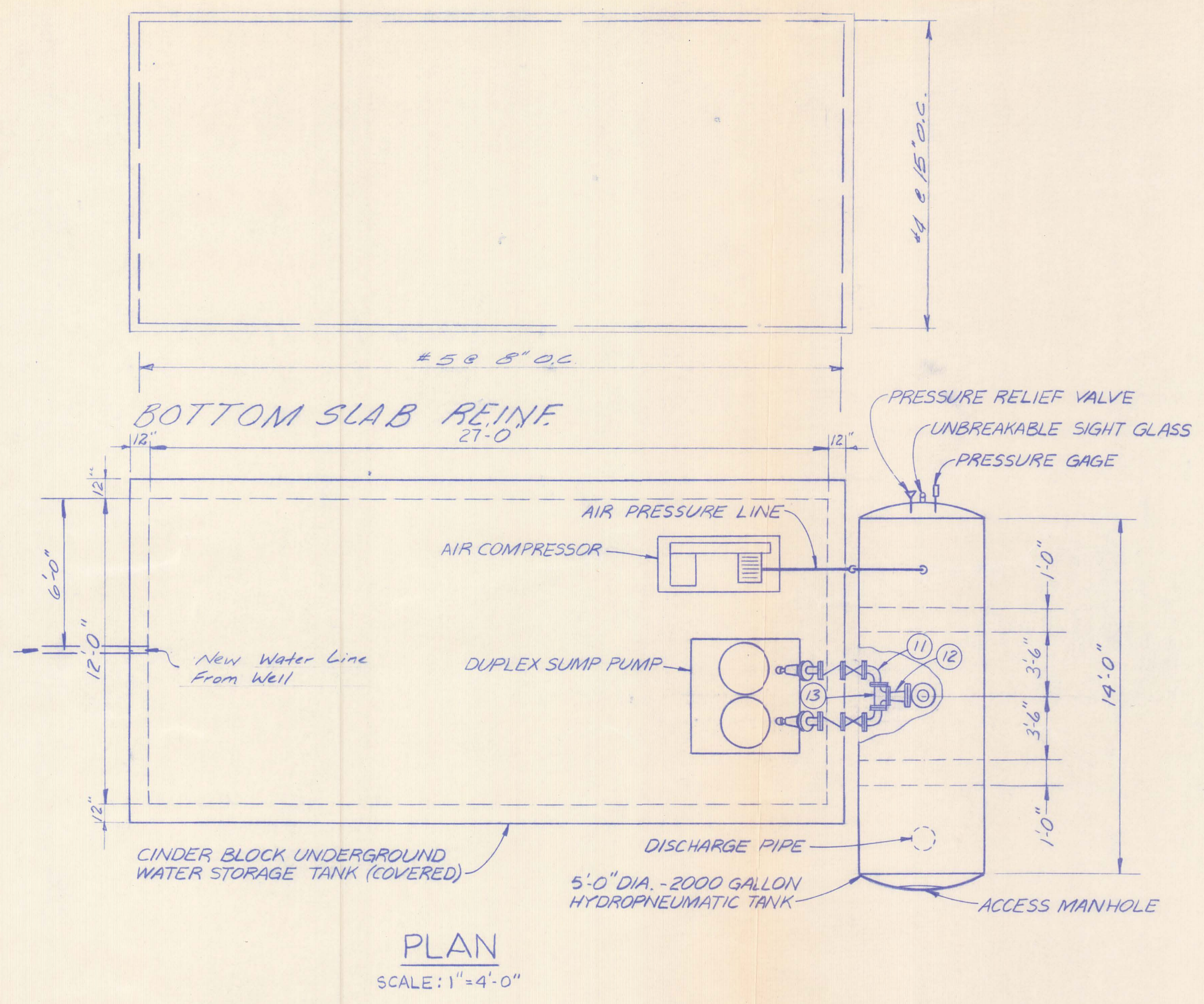
TYPICAL SANDOUT  
No Scale



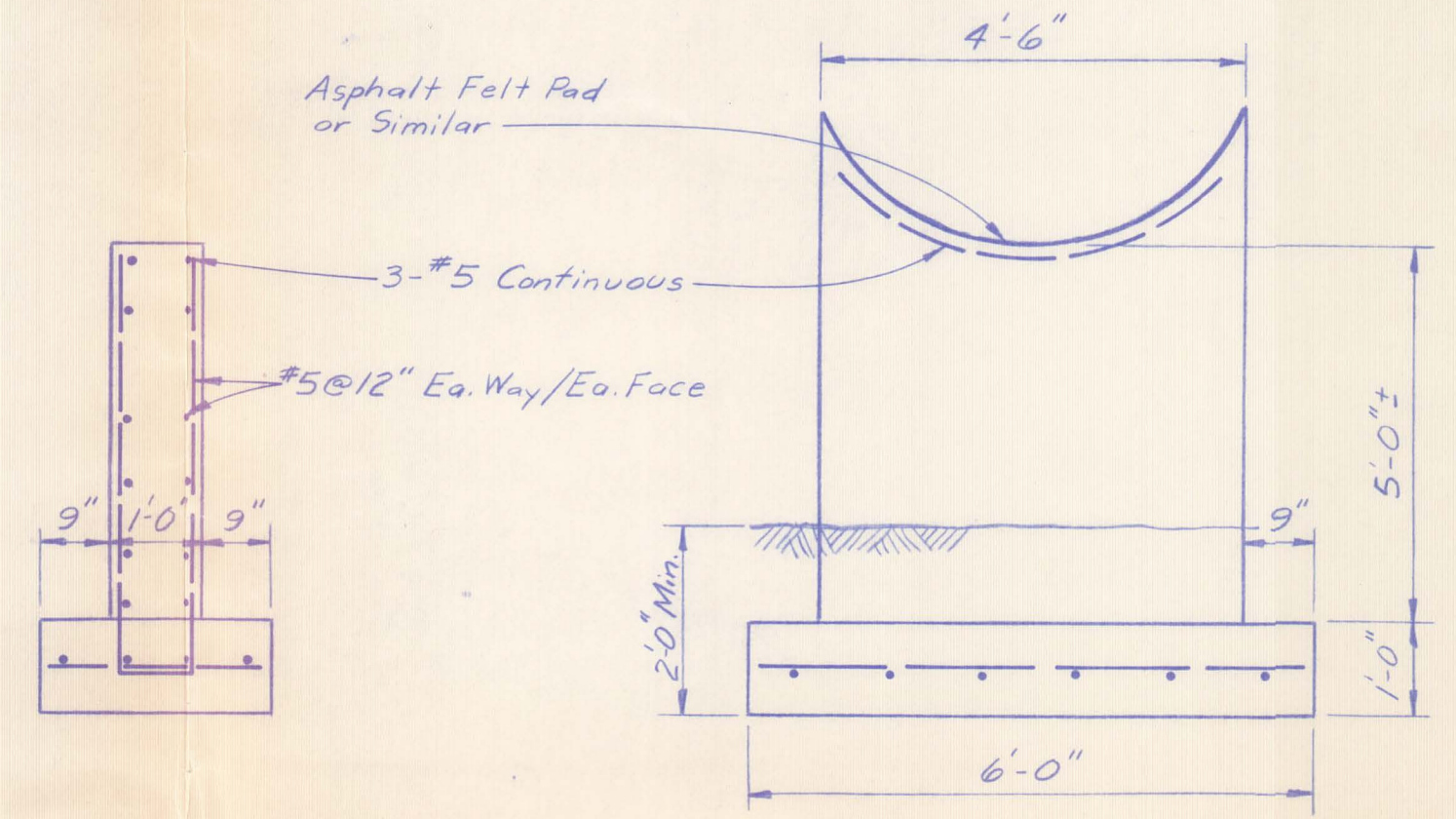
TYPICAL SEWER TAP  
No Scale

- 5.) At cross of water line with sewer line, the sewer line is to be encased with 6" min thickness concrete edging 6" min. eacde of water line.
- 6.) Waterline shall be disinfected as per A.D.H.S. Engineering Bulletin No. 8.
- 7.) All water lines to be A.C. or P.V.C. (All P.V.C pipe and fittings to bear the seal of the National Sanitation Foundation).

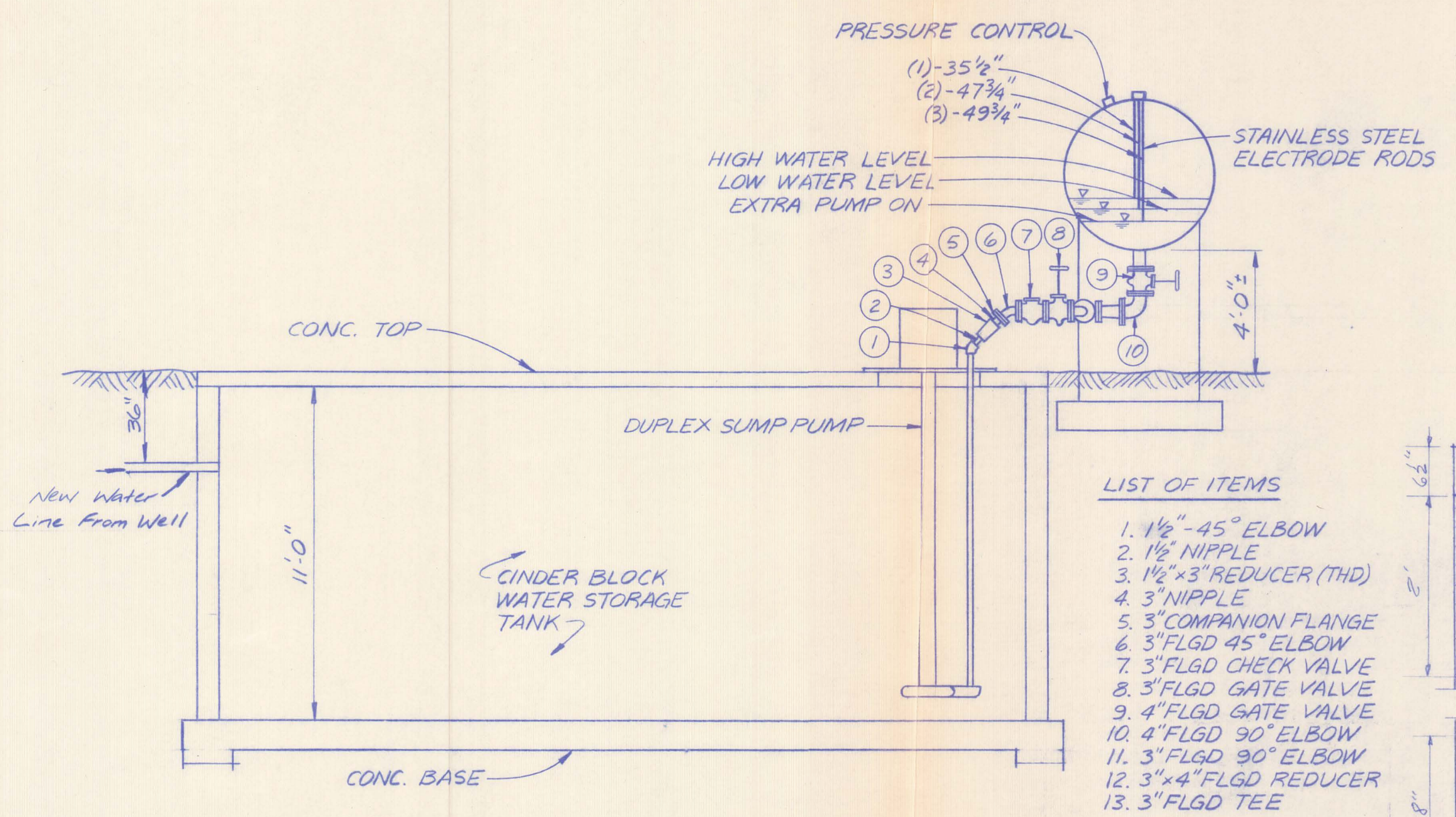
SECTION	COTTONWOOD OFFICE	DESIGNED BY	J.C.P.	DATE	2-20-80	JOHANNESSEN & GIRAND	
CHECKED BY	A.R.P.	DATE	2-20-80	CONSULTING ENGINEERS INC.	634-2212		
JOB TITLE	SUBURBAN TRAILER PARK		JOB NO.	V238			



NOTE: Concrete shall be 3000 psi @ 28 days  
4-4 1/2 in. max slump

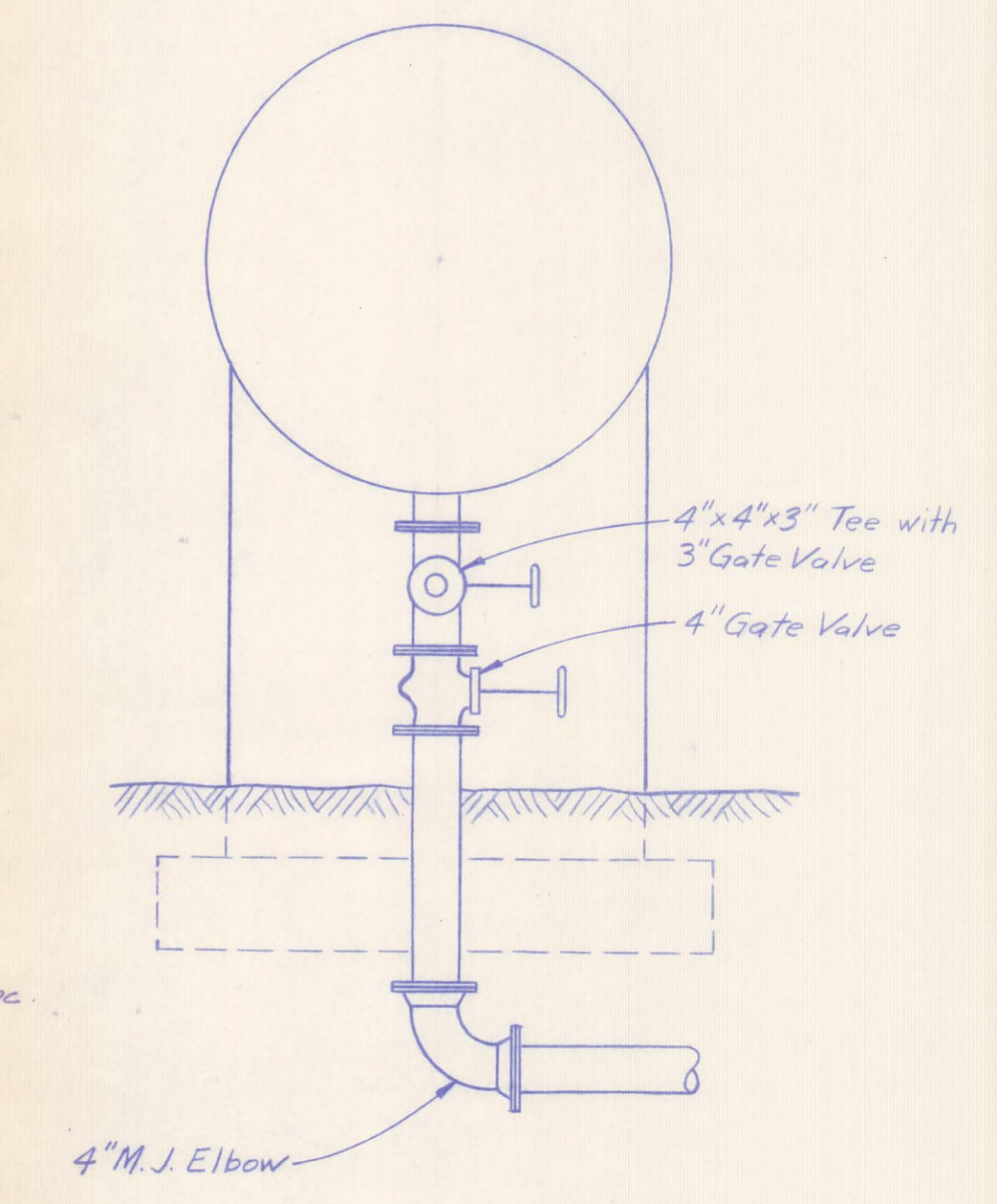
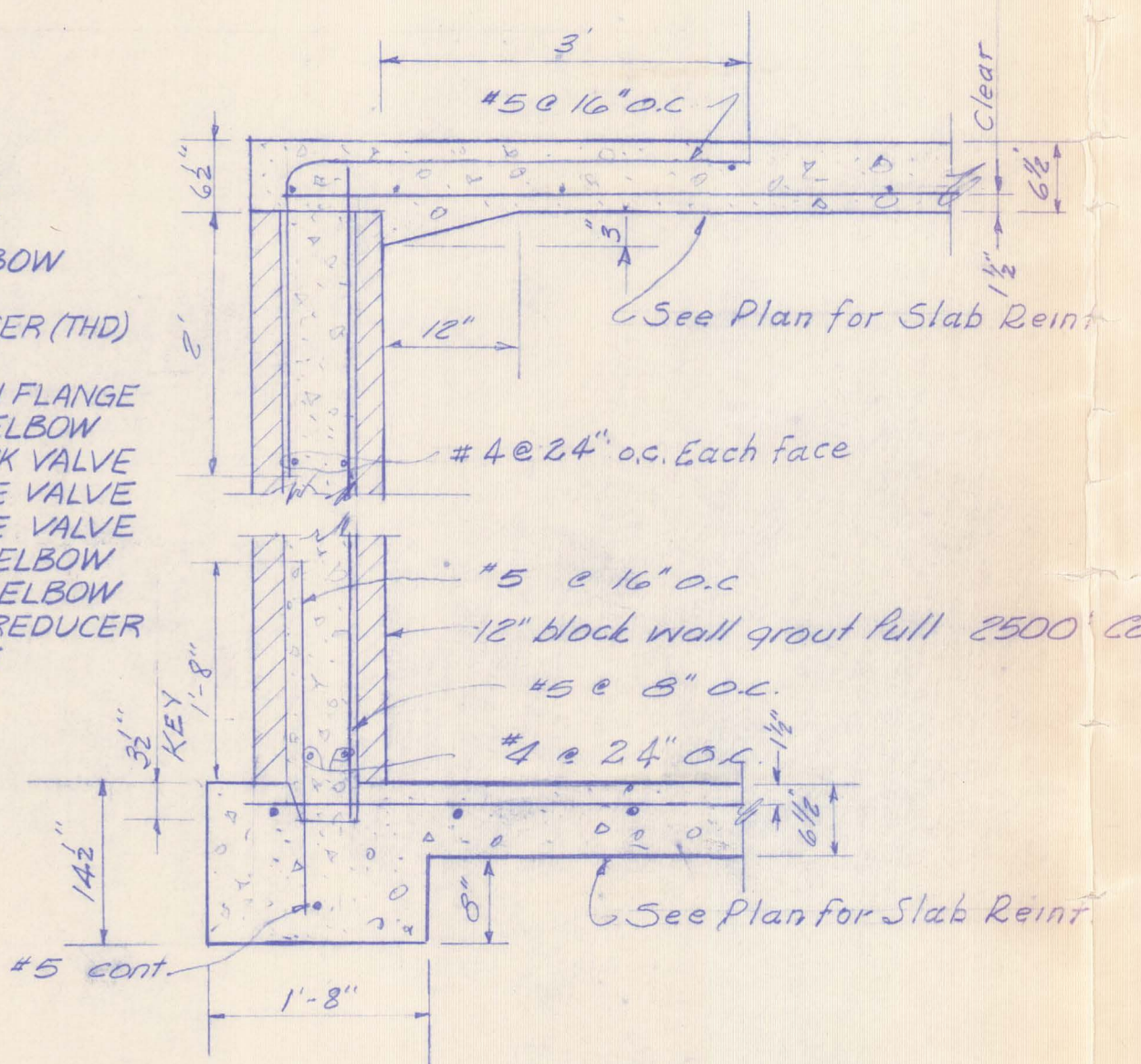


Chms has thrust blocking for center line



**LIST OF ITEMS**

1. 1 1/2" 45° ELBOW
2. 1 1/2" NIPPLE
3. 1 1/2" x 3" REDUCER (THD)
4. 3" NIPPLE
5. 3" COMPANION FLANGE
6. 3" FLGD 45° ELBOW
7. 3" FLGD CHECK VALVE
8. 3" FLGD GATE VALVE
9. 4" FLGD GATE VALVE
10. 4" FLGD 90° ELBOW
11. 3" FLGD 90° ELBOW
12. 3" x 4" FLGD REDUCER
13. 3" FLGD TEE



**SPECIFICATIONS**

**EQUIPMENT NOTES**

1. The contractor shall furnish Aurora Model 532 A Duplex, or equal, centrifugal sump pumps size 1 1/2" X 2" X 1 1/4". Each pump shall have a capacity of 100 gpm @ 125 TDH.  
The units shall be designed for a sump depth of 11 feet and shall be furnished with an above the floor discharge terminating at the base plate with a threaded connection.  
A steel base plate shall be provided to support both pumps.  
The pumps will be controlled by an electric liquid level control with electrodes located in the pressure tank as shown on the plans.  
An automatic alternator shall be furnished to allow the pumps to alternate on each successive cycle of operation.  
The pumps are to be driven by and flexible coupled to a standard "HP", 7 1/2 HP, 240 volt, 3 phase, 1750 RPM vertical electric motor.  
Pump curves and catalogue cut sheets shall be provided to the engineer for approval prior to installation.
2. Air compressor shall be a single-stage pressure lubricated unit, driven by a 1 HP, 240 Volt, 3 phase motor.

**CONTROLS - GENERAL**

1. Schematic diagrams of control wiring and apparatus shall be submitted by the contractor prior to the installation.
2. It is the intent of these plans to describe a complete and functioning system. Proposals are considered only on this basis and minor omissions will not be considered a basis for altering contractual arrangements.

**PRIMARY & STANDBY PUMP**

- 1) Liquid level electrode controls shall be provided for Primary and Standby Pumps.
- 2) Primary pumps "on" when liquid level drops below electrode (2).
- 3) Primary pump "off" when liquid level rises to electrode (1).
- 4) Standby pump "on" when liquid level drops below electrode (3).
- 5) Standby pump "off" when liquid level rises to electrode (1).
- 6) Low water shut-down shall be incorporated in controls to protect against booster pump failure. A low pressure indicator shall be actuated if the pressure drops to 35 psi. A manual reset shall be provided to turn off the low pressure indicator. The booster pumps shall be cut-out and locked out of operation and a low suction alarm activated in the event the suction pressure drops to 5 psi for 6 seconds.
- 7) A device shall be provided to periodically alternate the two booster pumps between primary and standby operation.

**COMPRESSOR**

- 1) Compressor and controls shall be capable of maintaining a threshold pressure of 75 psi following each booster pump cycle.
- 2) Compressor "on" when both the following conditions are satisfied.
  - a) Liquid level rises to electrode (1) pumps off.
  - b) Pressure below 75 psi.
- 3) Compressor "off" when tank pressure rises to 75 psi.

**HYDRONEUMATIC TANK**

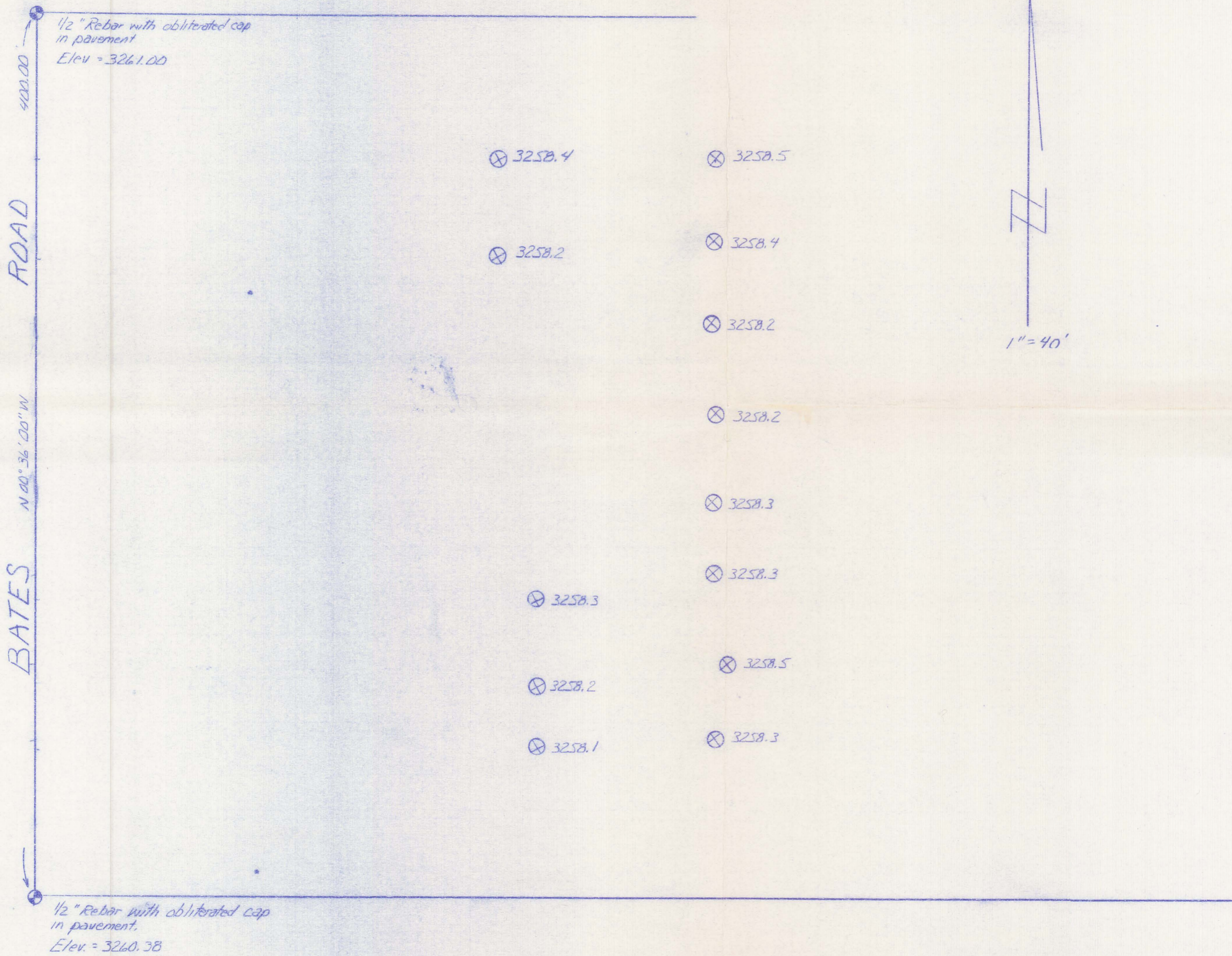
- a. Hydronematic tank shall be of welded steel construction in accordance with ASME Boiler and Pressure Vessel Code, Section VII, Division 1, Subsection B, Part UM and Subsection C, Part UCS and shall be rated for an operating pressure of 150 psi.
- b. Exterior tank painting shall be in accordance with ANWA D102-78, Section 24, Outside Paint System No. 3, 0-3-5. Finish coat shall be sandstone brown. Surface preparation shall be in accordance with SSPC-SPC "Commercial Blast Cleaning" for exterior paint.
- c. Inside tank painting shall be in accordance with ANWA D102-78, Section 2.7, Inside Paint System No. 6, a 3 coat cold-applied coal tar paint system. Surface preparation in accordance with ANWA D102-78, SSPC "Near White Blast Cleaning".

**STORAGE TANK**

1. Water level controls shall be provided in water storage tank so that well pump will come on when water level in tank drops six (6) inches below full level.
2. Water tank liner shall be thirty six (36) Mil Hypalon reinforced with 10X10 1000-D Polyester as manufactured by Water Saver Company Inc., 3560 Wynkoop St., Denver, Colorado 80216 or approved equal.

**WATER BOOSTER STATION STORAGE & HYDRONEUMATIC**

SECTION FLAGSTAR DRIVE TANK DESIGNED BY T.L.O. DATE 2-29-80 CHECKED BY A.R.P. DATE 2-29-80	<b>JOHANNESSEN &amp; GIRARD</b> CONSULTING ENGINEERS INC. 777-0385 JOB TITLE SUBURBAN TRAILER PARK JOB NO. V236
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- ⊗ Indicates set 5/8" rebar with plastic cap stamped "SEC RLS L30V5" flush with ground.
- ⊗ XXXX.XX Indicates elevation shot.

*Patrick W. Naville*  
 13016 PATRICK W. NAVILLE  
 1/26/95  
 ARIZONA, U.S.A.

**AS BUILT**  
 SUBURBAN TRAILER PARK  
 Pad Elevation Survey

634-9361



P.O. BOX 130  
 COTTONWOOD, AZ 86326

Received 1/27/95  
 by FCD