

Camp Palomar Pool Demolition Project

Scope of Work

1. Provide and Install Temporary Fencing around perimeter of pool/work area.
2. Disconnect and cap gas line at Propane Tank feeding pool house boiler (See photos #1 & #2).
3. Cap and disconnect all water lines feeding pool area. **NOTE:** Existing water lines are anticipated to be Transite pipe that contains asbestos. Contractor to dispose of any Transite piping encountered to the appropriate landfill and provide SDCOE with the manifesto.
4. Remove all gas lines, electrical wiring, conduits, electrical boxes and vaults from pool area (Power to pool area has already been disconnected)
5. Demo perimeter chain link fence surrounding pool area. Haul debris off site.
6. Demo existing light standards and associated concrete footings. Haul light standards off site.
7. Demo, haul off site all equipment, piping and conduit from the interior of Pump House.
8. Demo Pump House structure and associated concrete flatwork and steps.
9. Break open the entire bottom of pool so that the area will not collect water.
10. Demo top 3' of pool coping and concrete around perimeter of pool layout. Place debris within pool area.
11. Demo perimeter concrete flatwork, sidewalk and concrete staircase. Place debris within pool area.
12. All concrete debris can be placed within the pool footprint up to 3' from the finish surface.
13. Place a minimum of 3' of clean fill dirt within pool footprint and compact 90% minimum. Fill dirt to be same elevation as surrounding native land.
14. Grade the entire area for a level surface.
15. All debris that does not fit within the pool perimeter up to the 3' from the finish floor is to be hauled from site and disposed of at a proper landfill.
16. Original Drawing for Pool and utilities (See Attachment A)

Asphalt Work:

Front Entrance: Remove existing damaged guard rail. Install concrete footings and install new guard rail. Patch asphalt road. (See photo #3)

Remove existing broken asphalt curb, haul off site. Place approximately 30 LF of new asphalt curb at same location. (See photo #4 & #5)



Picture #1 – Gas Valve to be cut and capped.



Picture #2 – Propane Tanks location and Pool Aerial Photo



Picture #3 - ASPHALT CURB REPLACEMENT

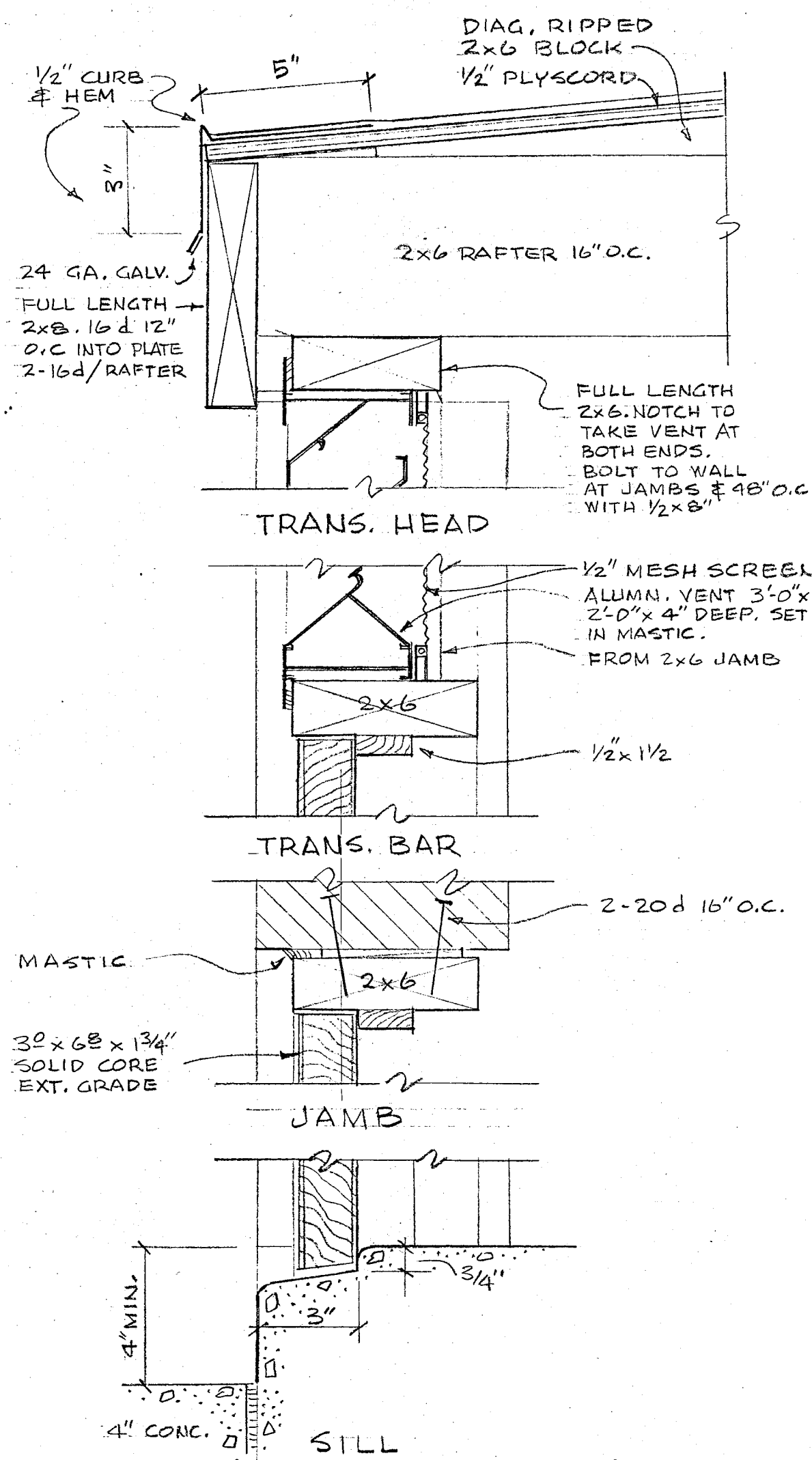


Picture #4 – GUARD RAIL REPLACEMENT AND ASPHALT REPAIRS

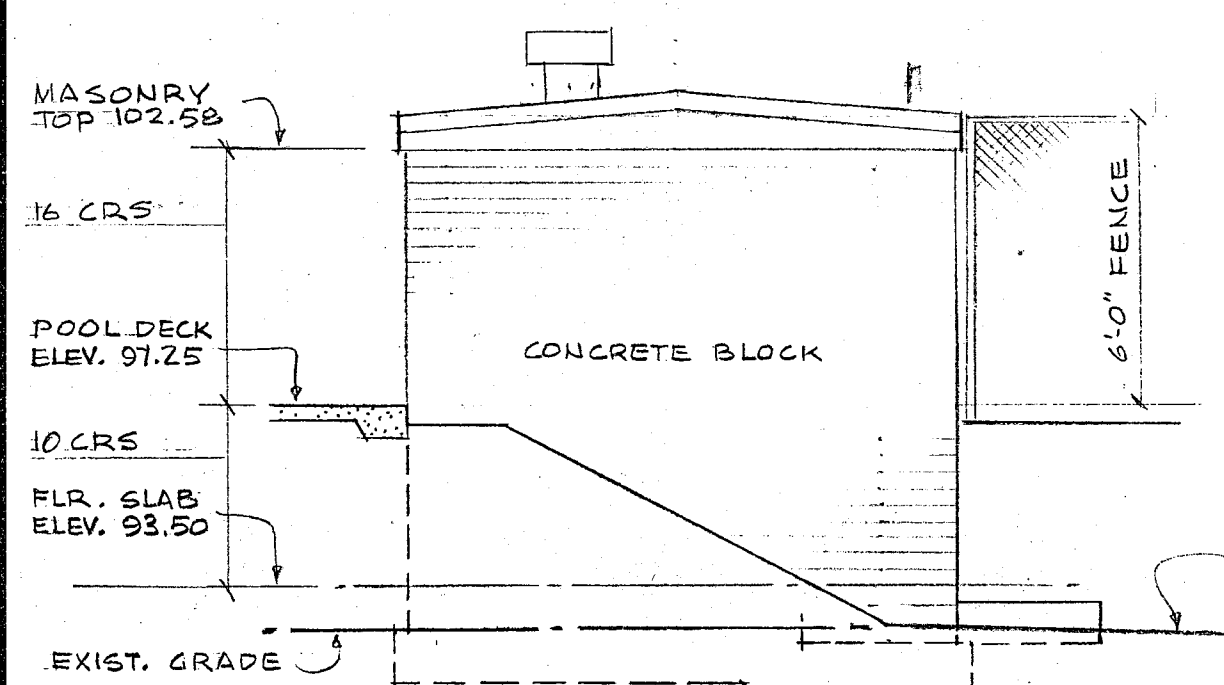


Picture # 5 - GUARD RAIL REPLACEMENT AND ASPHALT REPAIRS

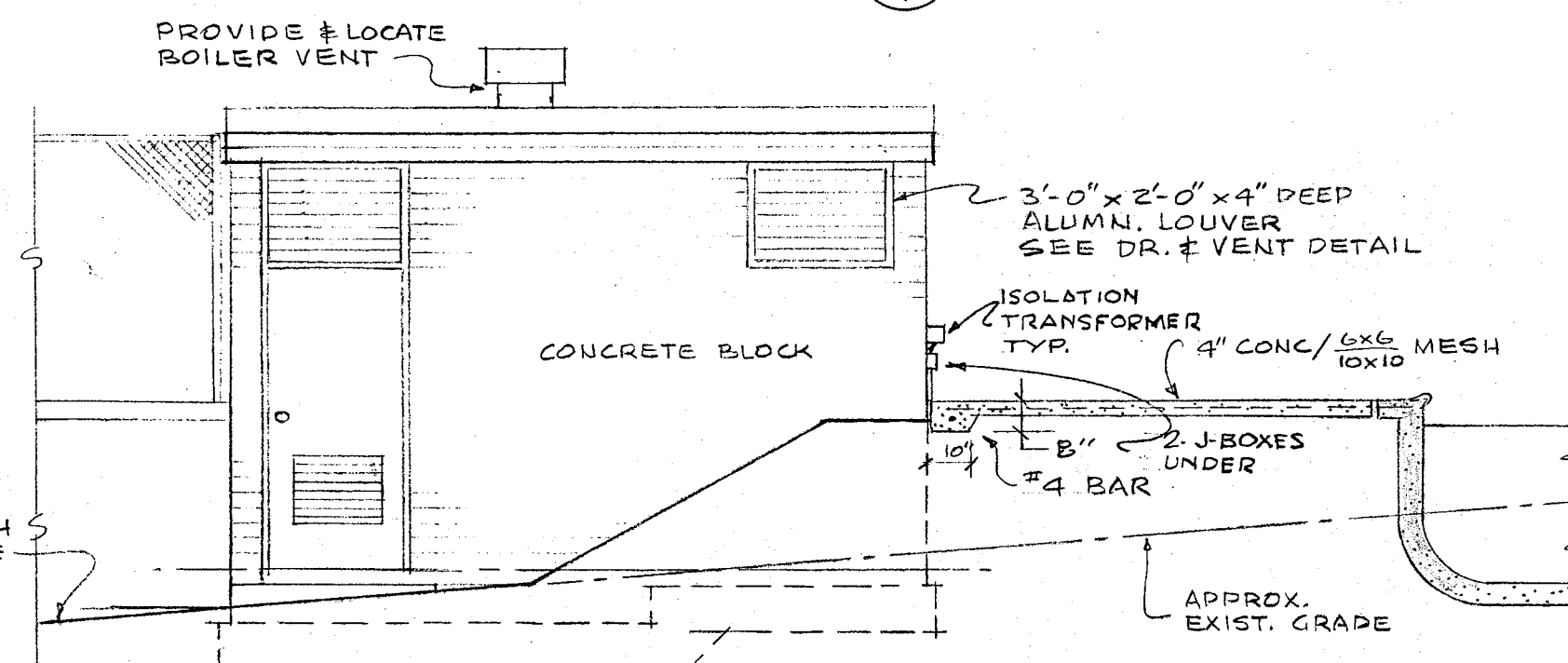
Attachment "A"



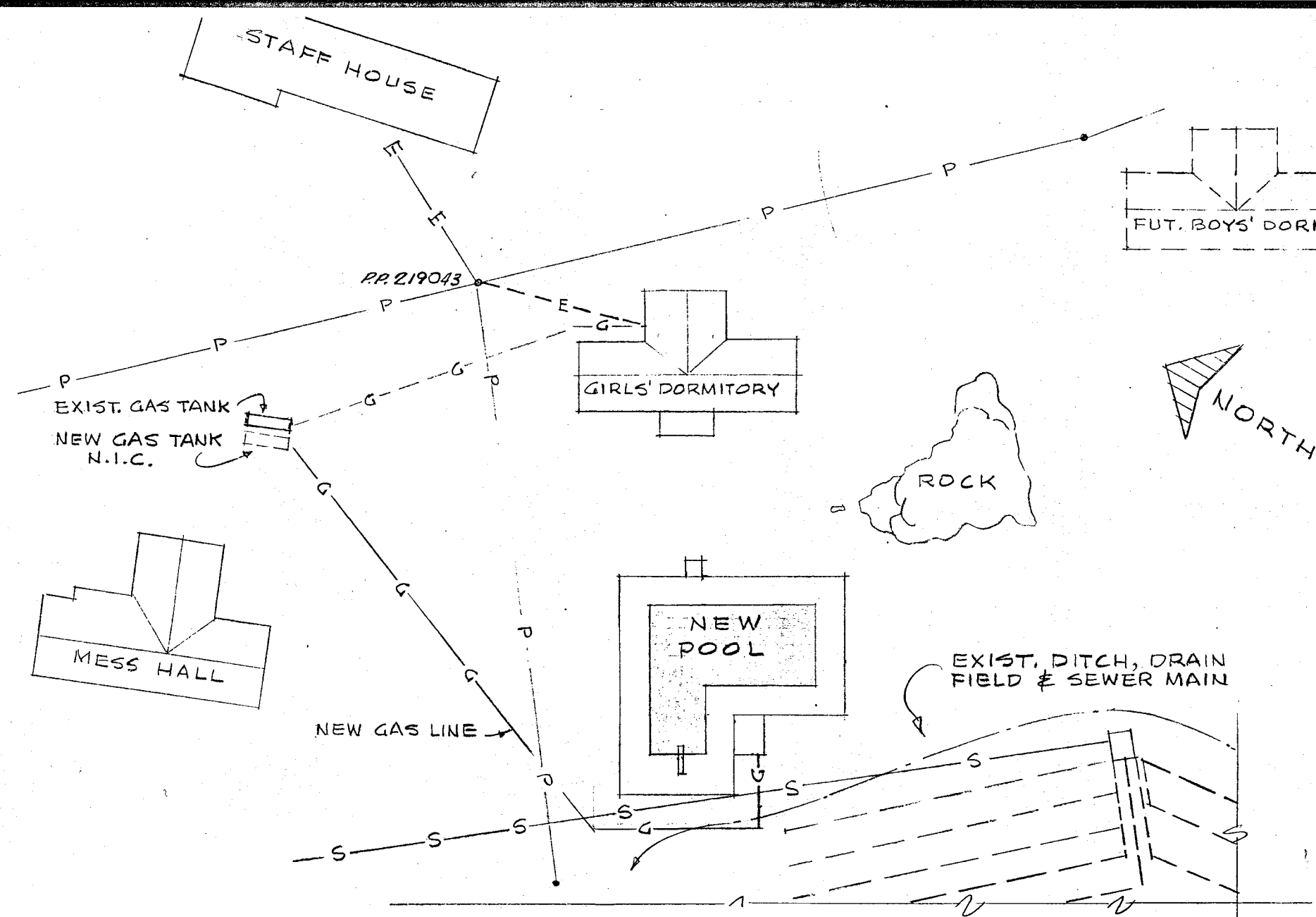
DOOR & VENT - 3" = 1'-0"



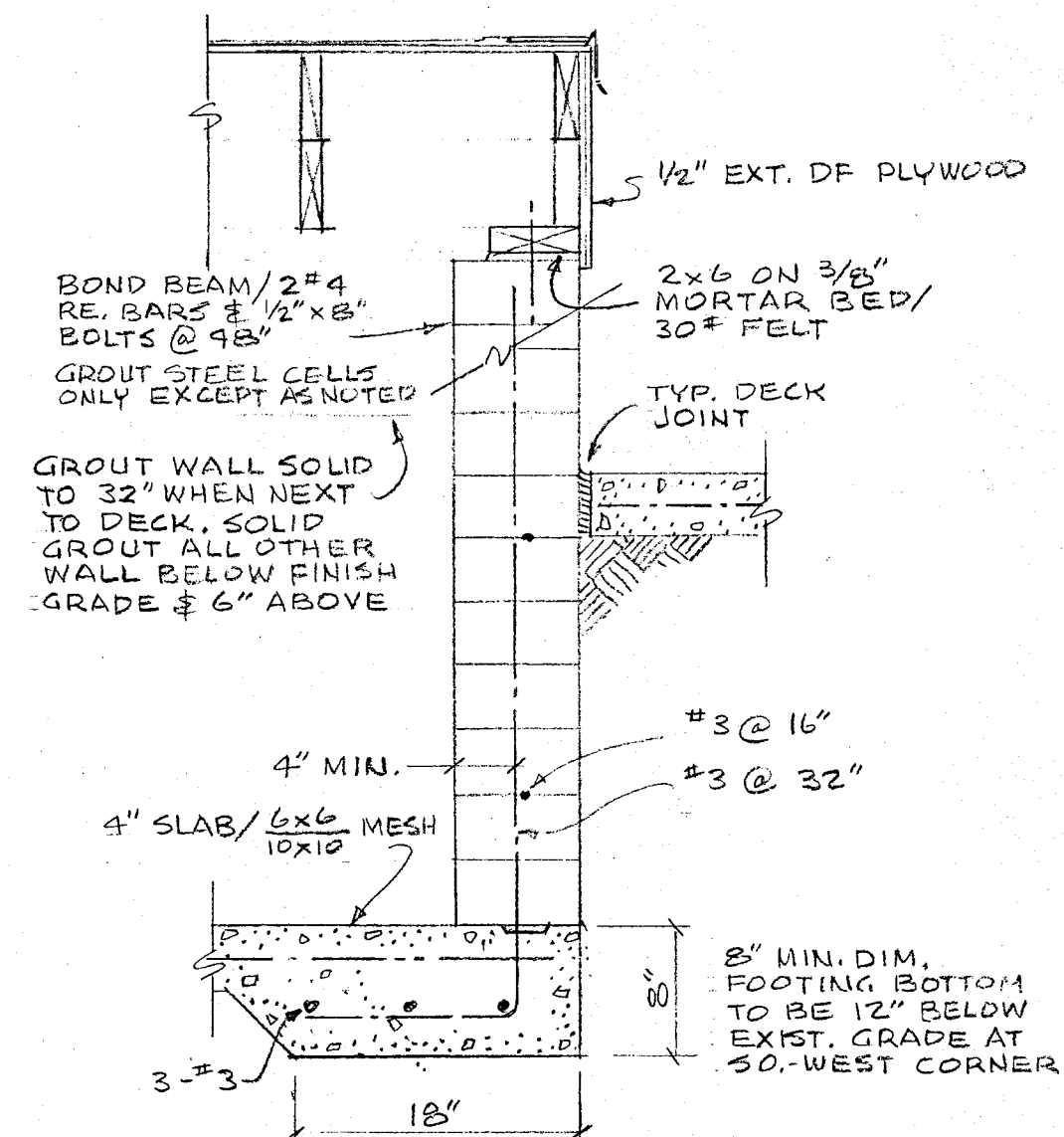
WEST ELEVATION



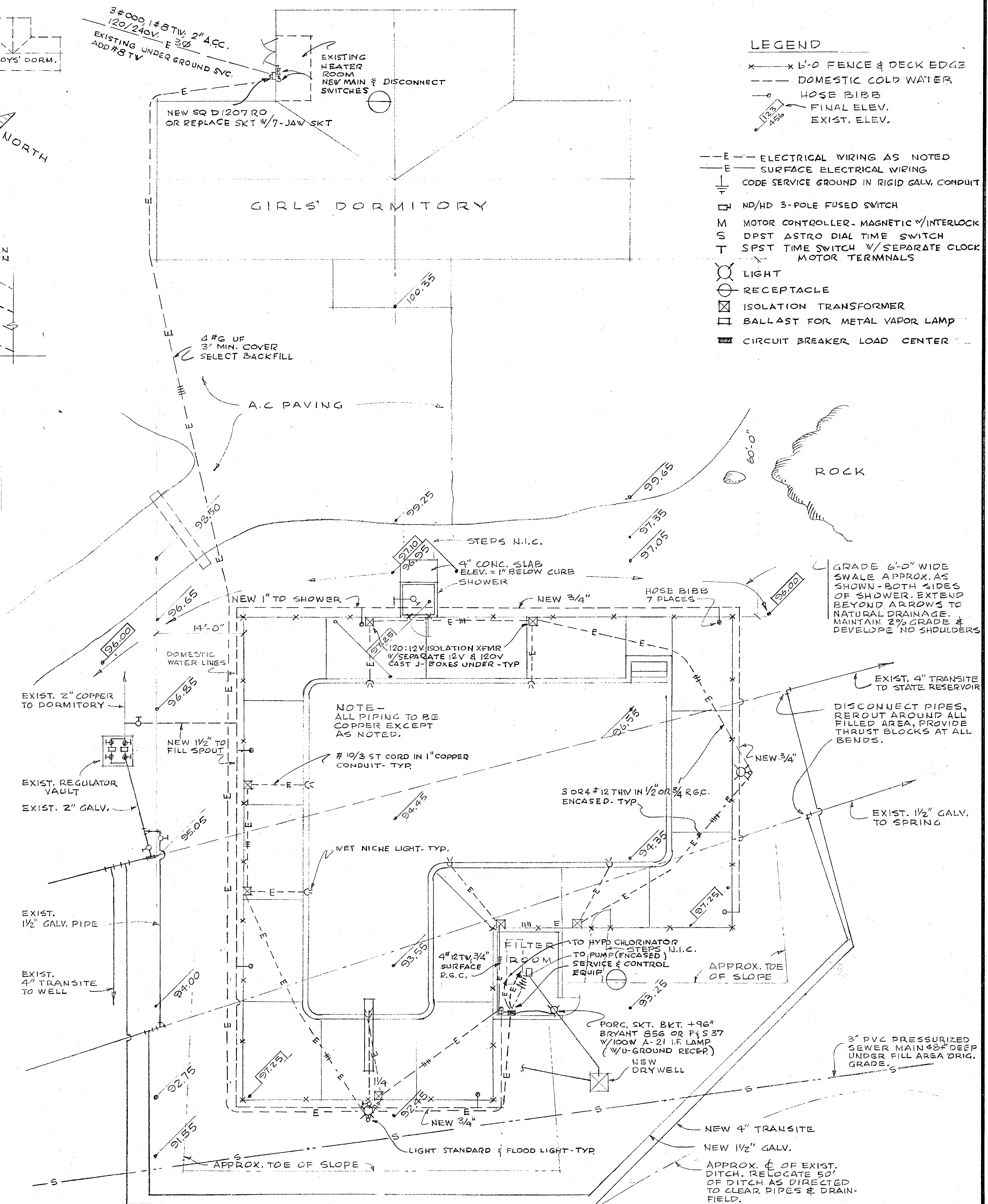
SOUTH ELEVATION
1/4" = 1'-0"



PLOT PLAN 1"=50'-0"



Ⓐ TYP. WALL 1"=1'-0"



NEW & EXISTING PIPING PLAN - 1"=10'-0"

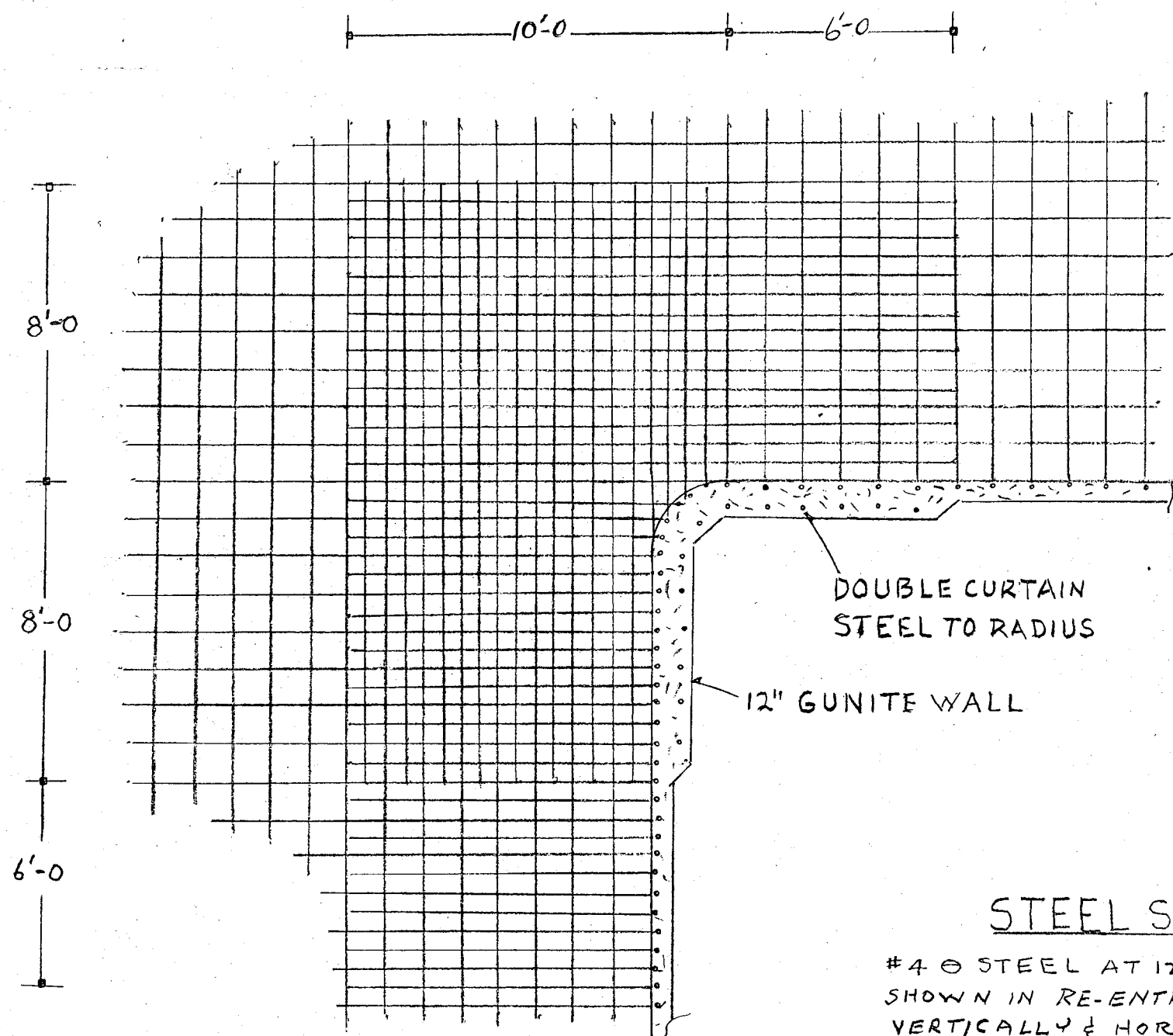
FOR DECK DRAINS SEE POOL PLAN

10



POOL SYMBOLS

Attachment "A"



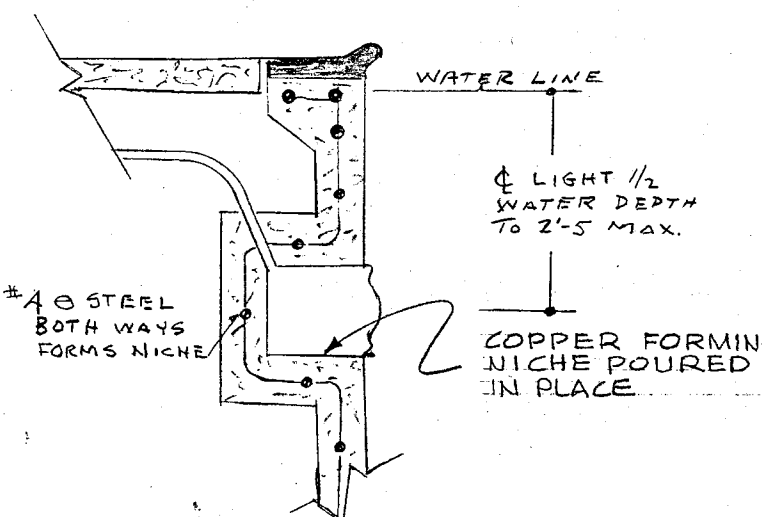
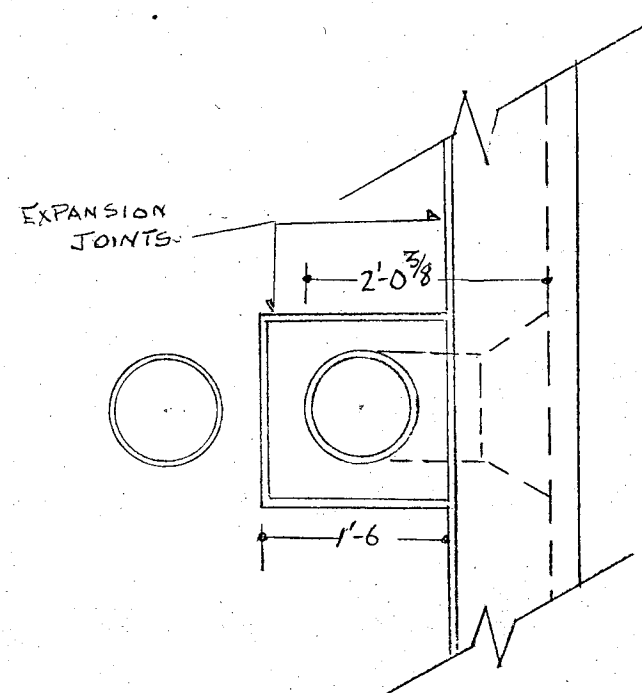
PLAN RE-ENTRY CORNER
SCALE 1/4" = 1'-0"

STEEL SCHELUDE

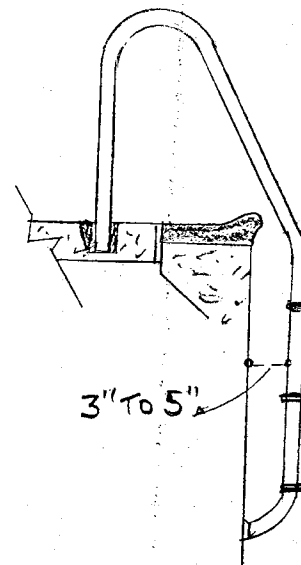
#4 @ STEEL AT 12" O.C. (EXCEPT AS SHOWN IN RE-ENTRY CORNER) BOTH VERTICALLY & HORIZONTALLY.

THREE #5 @ STEEL CONTINUOUS IN BOND BEAM.

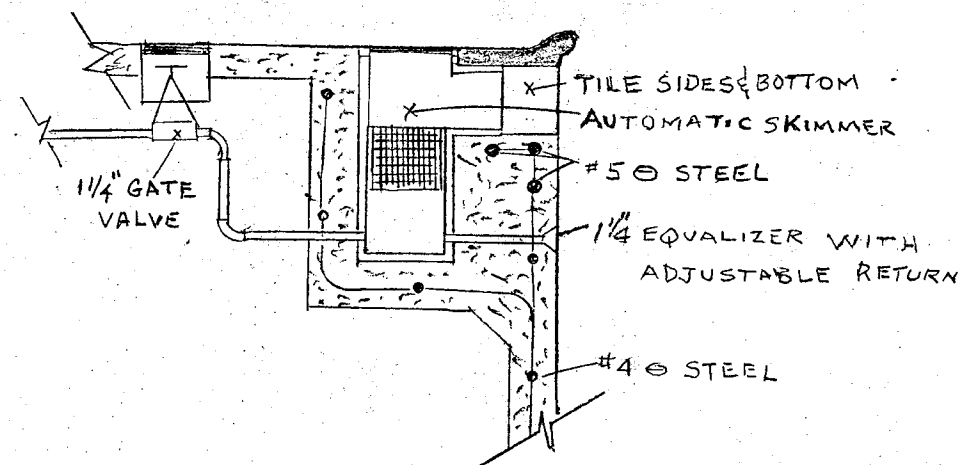
ALL STEEL LAPPED 40 DIAMETERS MINIMUM.



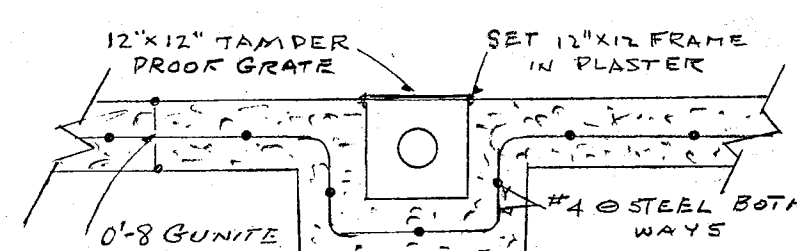
LIGHT NICHE
SCALE 1/2" = 1'-0"



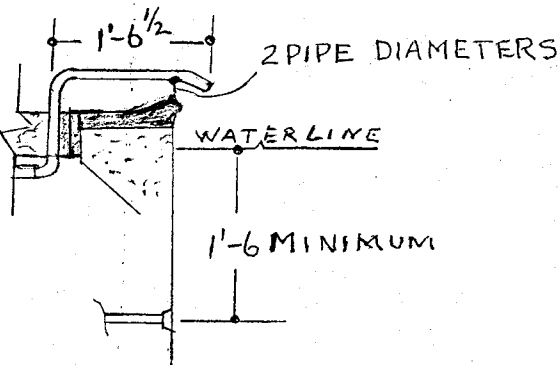
3 TREAD LADDER
SCALE 1/2" = 1'-0"



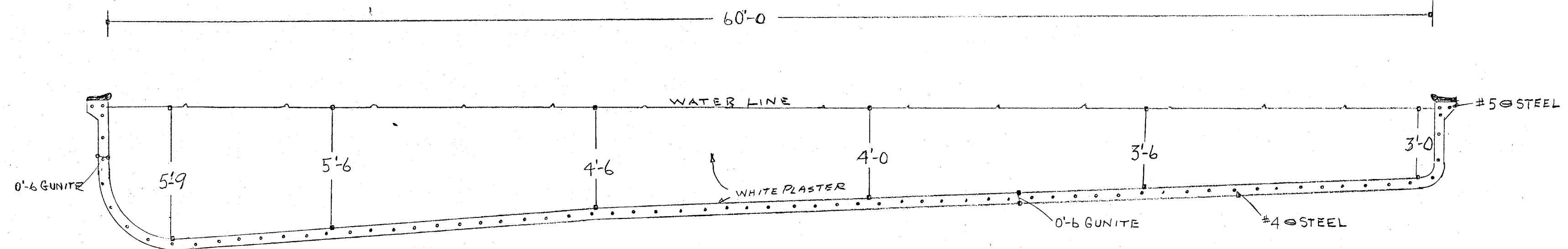
SKIMMER DETAILS
SCALE 1/2" = 1'-0"



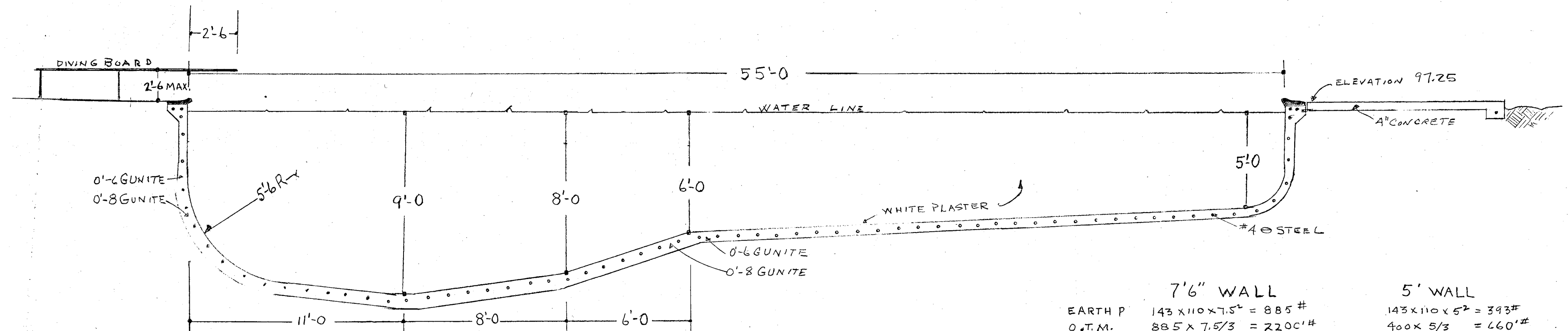
MAIN DRAIN
SCALE $1/2" = 1'$



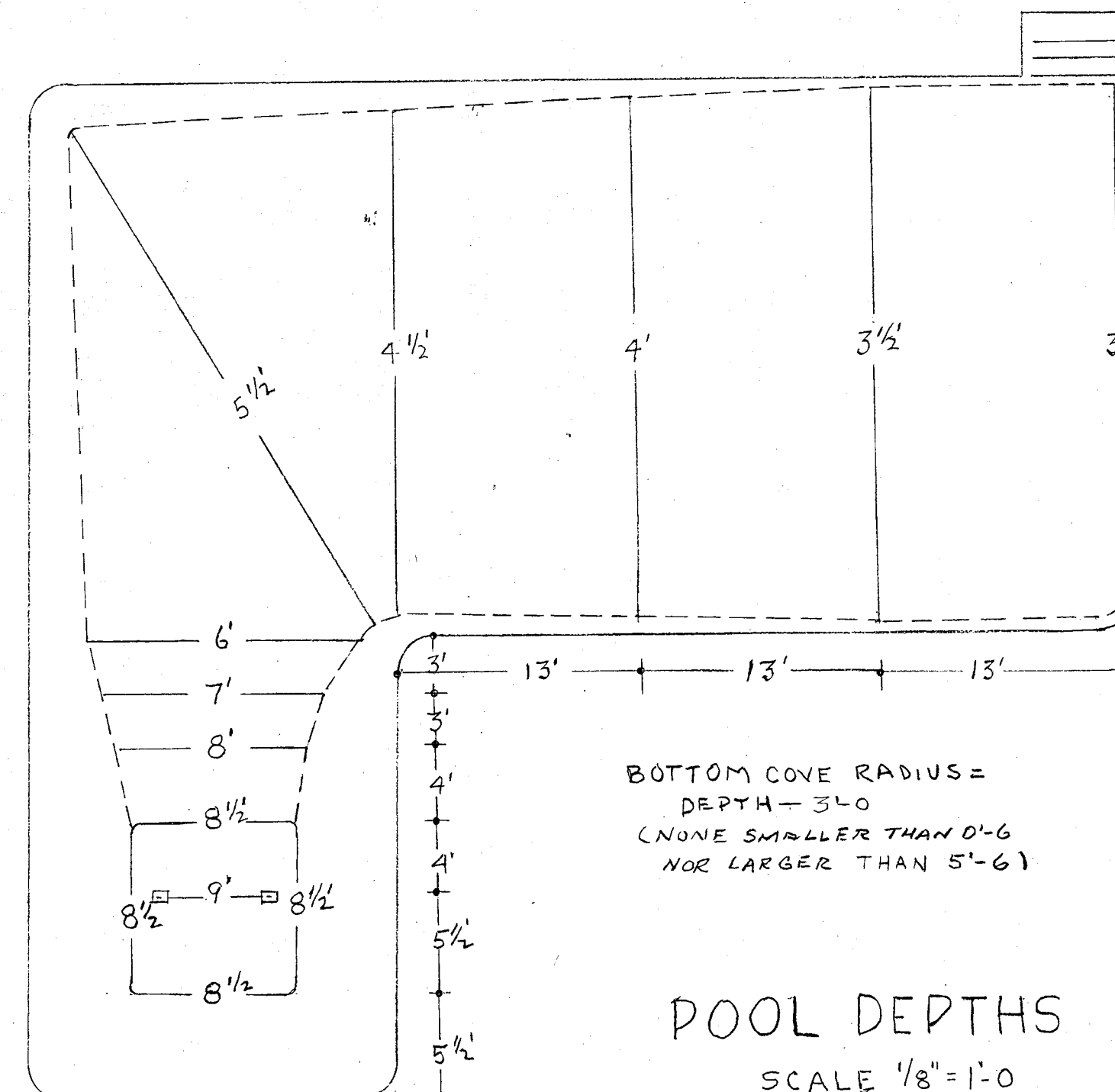
FILL SPOUT &
RETURN FITTING
SCALE 1/2" = 1'-0"



SHALLOW LONGITUDINAL MIDSECTION
SCALE 1/4" = 1'-0"



DEEP LONGITUDINAL MIDSECTION
SCALE 1/4" = 1'-0"



POOL DEPTHS
SCALE 1/8" = 1'-0"

$7' \text{ WALL}$

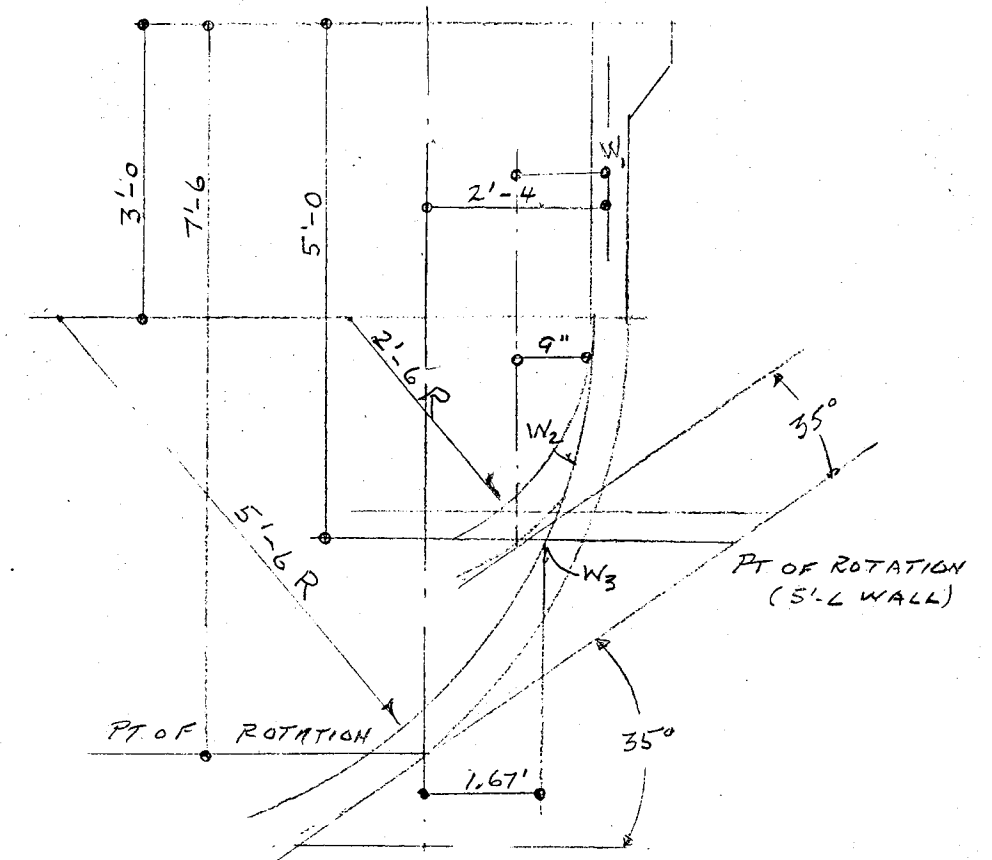
EARTH P $143 \times 110 \times 7.5'' = 885'$
 0.7 M. $885 \times 7/3 = 2200'$

STABIL'G MOMENT
 W_1 $3 \times 63'' = 189'$
 W_2
 W_3 $5.5 \times 63'' = 346'$
 M_1 $189 \times 2.3 = 435'$
 M_2
 M_3 $346 \times 1.67 = \frac{580}{10/5''} \text{ #}$

RESULT. MOM. $2200'' - 1015'' = 1185''$
 $1185'' \times 12'' = 14,200''$
 F_c $45 \times 300 = 13500 \text{ #/D'}$
 (FOR GUNTS THIS IS CONSERVATIVE)
 USE K $150 (F_c = 10000 \text{ #/D'})$

d $\sqrt{\frac{14,200}{180 \times 12}} = 2.5'' \text{ USE } 4''$

A_s $\frac{14,200}{17,500 \times 4} = .20 \text{ #}''$
 $\frac{4540}{17,500 \times 2.5} = .10 \text{ #}''$



STEEL ENGINEERING

Attachment "A"

LE TEND

Pool Data

Area	2300 Sq. Ft.
Gallage	88,000 Gallons
Water Weight	130,400 Lbs.
Filter Area	100 Sq. Ft.
Flow Rate	200 G.P.M.
Turn over	7 hrs. 20 minutes

Filter Plant
Model C-SSP-50 Diatomaceous Earth Pressure Filters.
2-50 square foot Filters. Total 100 square foot filter area.
Manufactured by Starbright Engineering Co.

Pump
Model C-5 Eastside Manufacturing Co. 5HP motor
Single Phase 220 Volt - 60 Cycle 3450 R.P.M. Pump to be
all bronze with integral Hair & Lint interceptor. Delivery
200 GPM @ 60' of Head, with a T.D.H. of 73.

Heater
Laars AFJ Mark II - 1190 LPG Fired Pool Heater. Built
to ASME Code. Safety Controls with built-in Aquastat.

Hypo-Chlorinator
Precision Model S with Model 475 Solution Tank. Single
head solution pump feeding 5 GPH, total pressure 125 P.S.I.
Fractional Horse Power Motor. adjustable rate of flow.
Solution Container 53 Gallon Polyethylene Tank.

Precoat Assembly
1 Stainless Steel Funnel type pre-coat Rain-Beau F 100.

Time Switch
Intermatic Model T-101B (125 Volt Motor) or G.E. TSA-40:680XB1 w/ separate
motor terminals & Reliance W22A (Astro Dial) or G.E. TSA-47:699XB3.

Pressure Gauges
Influent and Effluent altitude Pressure Gauges on each
Filter to read pressure drop across filter.

Rate of Flow Indicator
Swimquip Piro-Flow 200 GPM - 0 to 250 Calibration.

Skimmers
1 American Concrete Precast, with self-adjusting weirs.
plastic strainer baskets.

Pool Lights
17-300 Watt wet niche complying with N.E.C. Art. 680, 1965 Edition.

Main Drains
2-12" x 12" Tamper Proof Brass Chrome plated Frames &
Grates.

Wall Vacuum Fittings
4-1 1/2" Brass Chrome plated Wall Vacuum Fittings.

Return Fittings
8-1 1/2" adjustable Brass Chrome return fittings located from
18" below water line to 33" below water level. 1-1" non-
adjustable at step area.

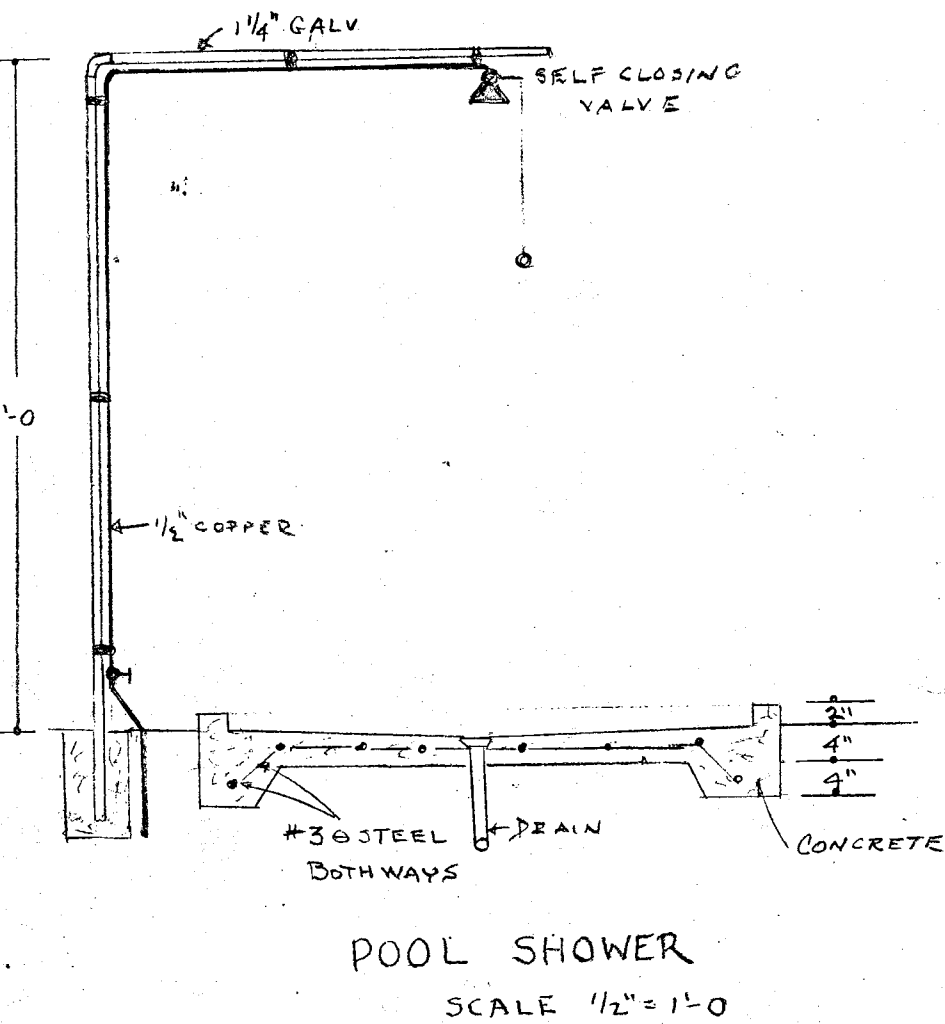
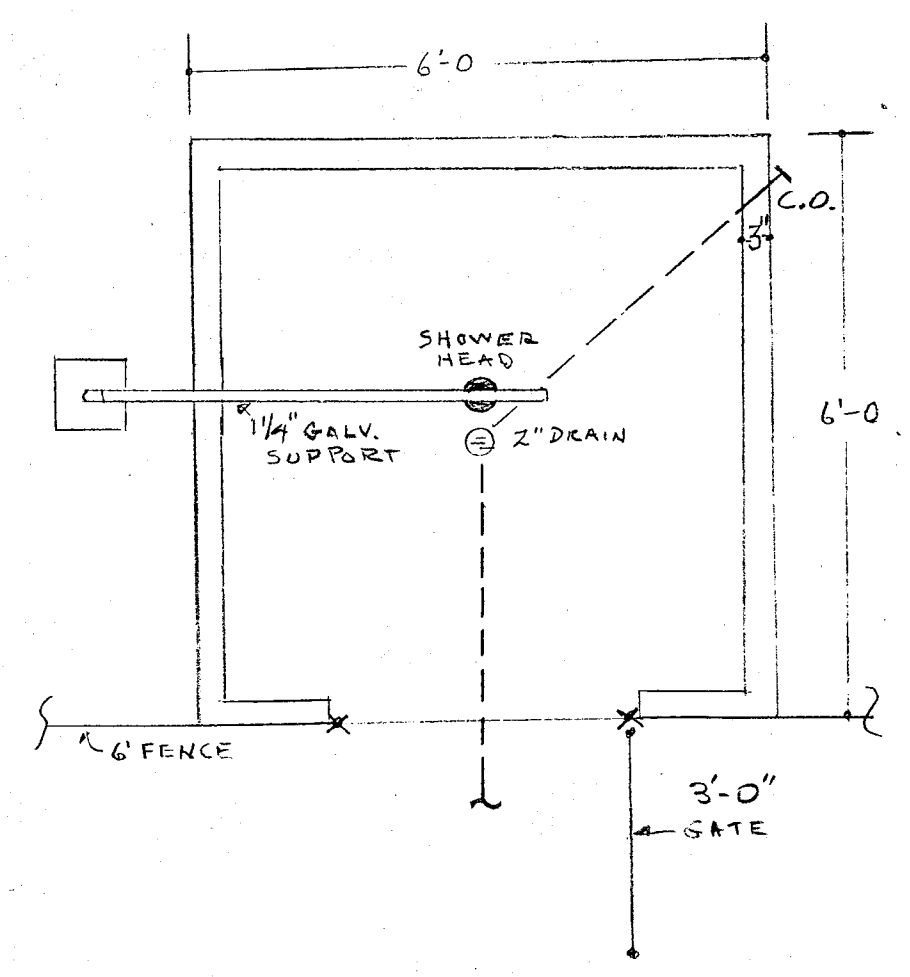
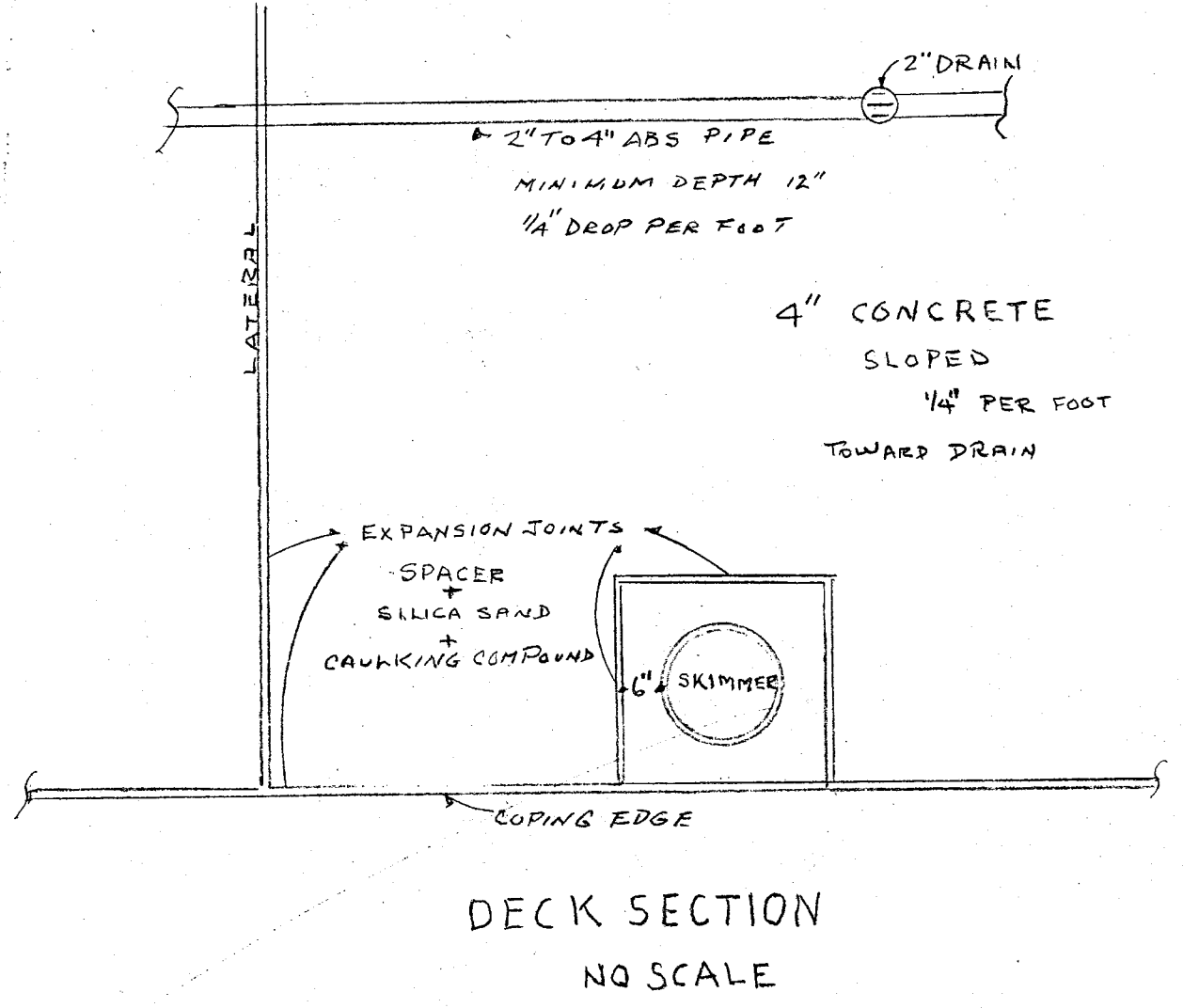
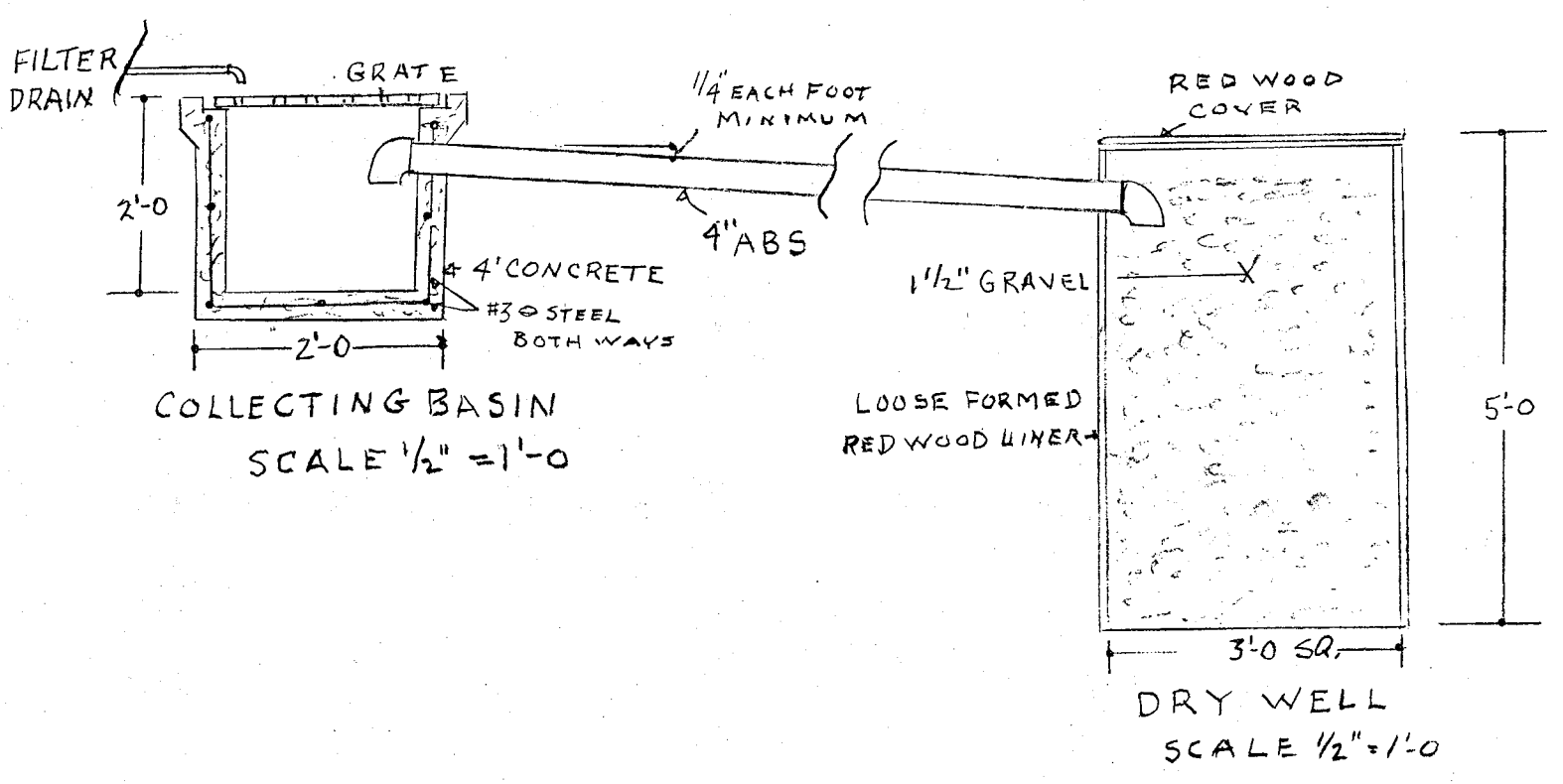
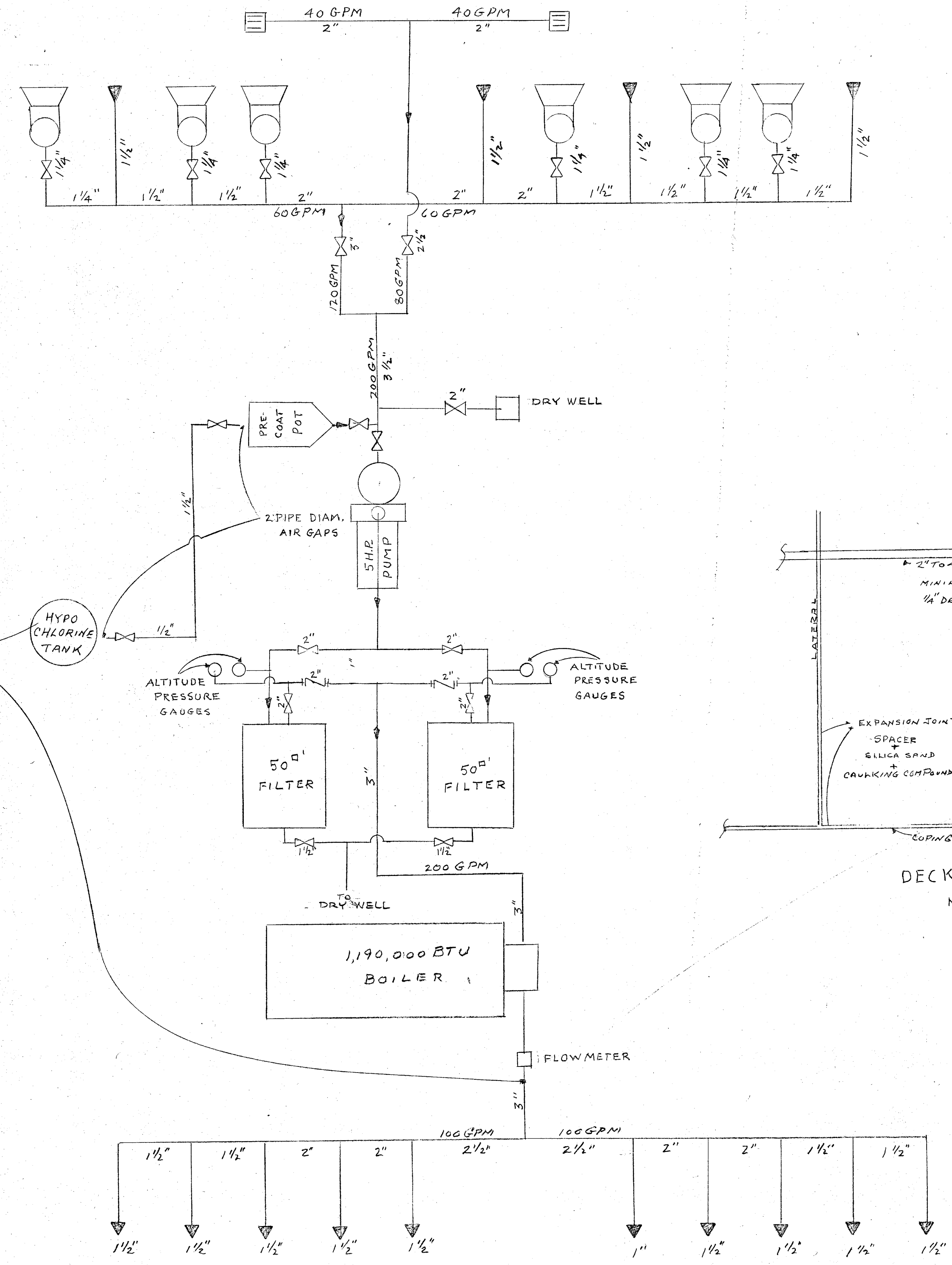
Fafety Line as indicated on drawings.
Hand Rail as indicated on drawings.
Depth Markers as indicated on drawings.
Ladders as indicated on drawings.
Fill Spout as indicated on drawings.
Hose B as indicated on drawings.

Diving Board
12' Laminated Douglas Fir Sand Tread. Domestic Standards.

Maintenance Equipment
1-18" Brass Chrome Vacuum Head w/hose complete.
1-18" Nylon Wall Brush
1-6" Tile Brush
1-Hand Leaf Skimmer
1-Commercial Duplex Water Test Kit
3-16' Aluminum Poles

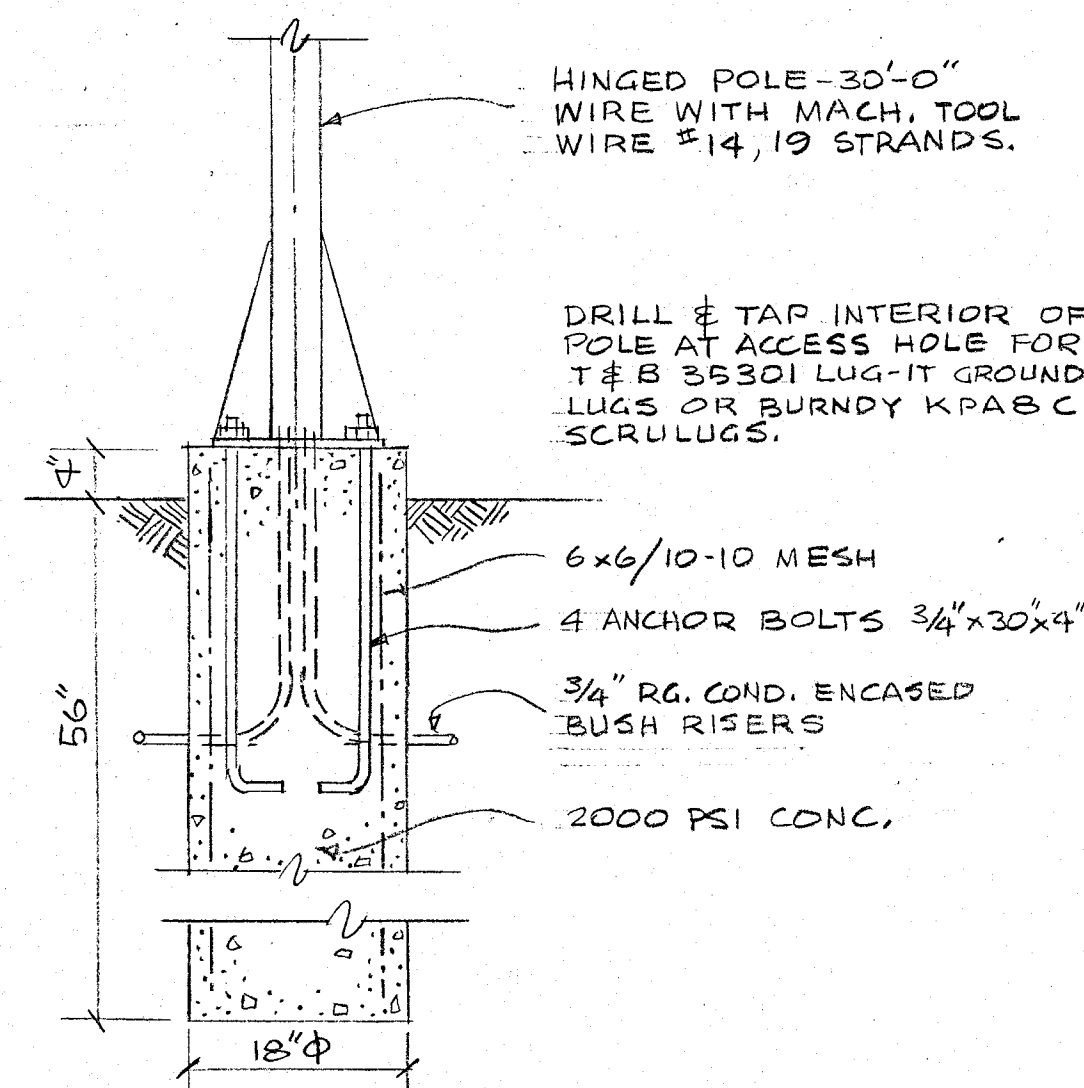
Pool Safety Equipment
1 U shaped Shepherds Life Hook & Pole
1-18" Life Ring with 45' - 3/16" Polyethylene rope
1-24 Unit First Aid Kit
1-Mouth to Mouth Resuscitator
1-No Life Guard Sign
1-Set Artificial Respiration Sign
Owner to provide list of emergency instructions.

Pool operating instructions to be posted on Filter Room wall with all
valves labeled or marked.

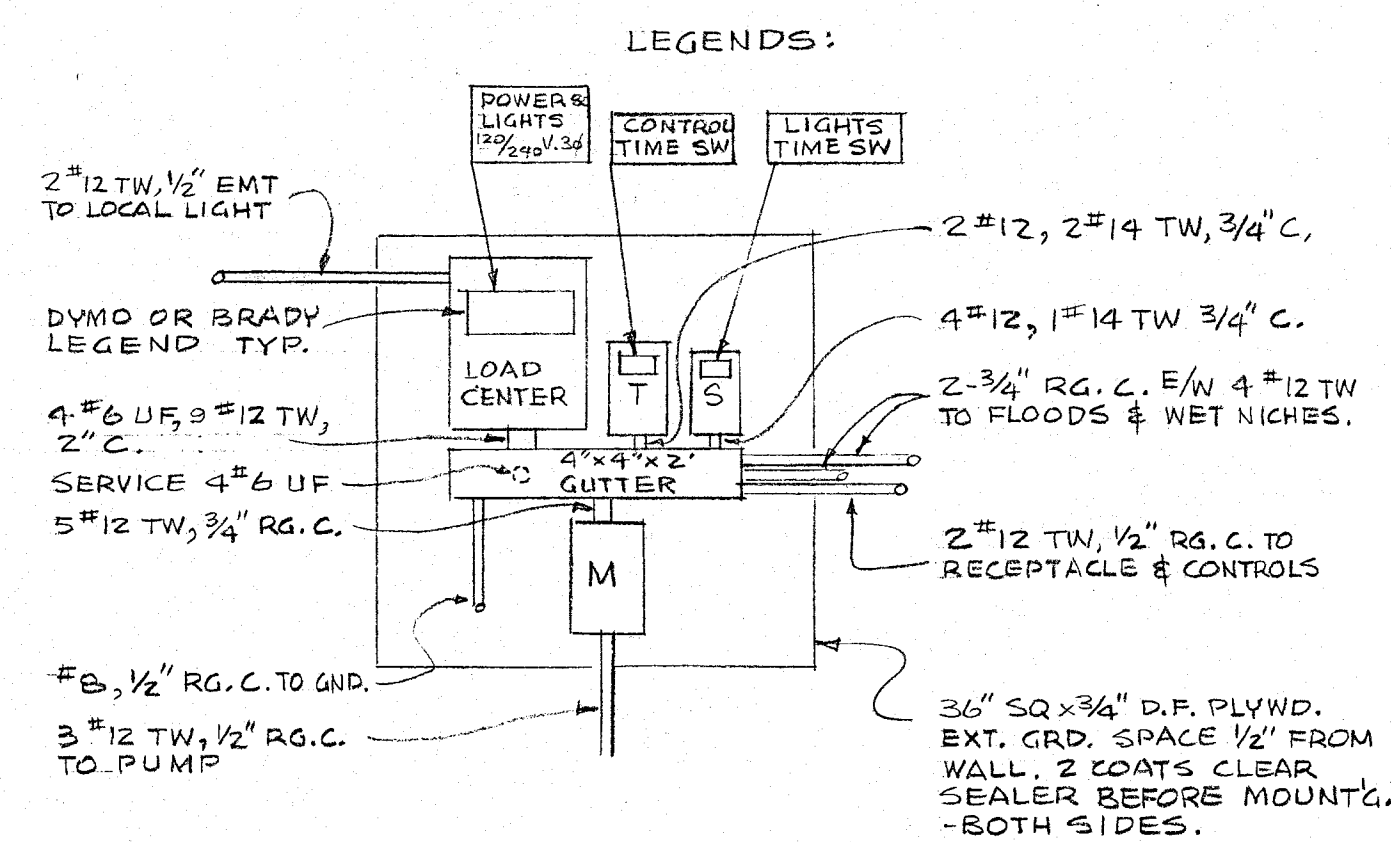


POOL CIRCULATION SCHEMATIC
NO SCALE

Attachment "A"

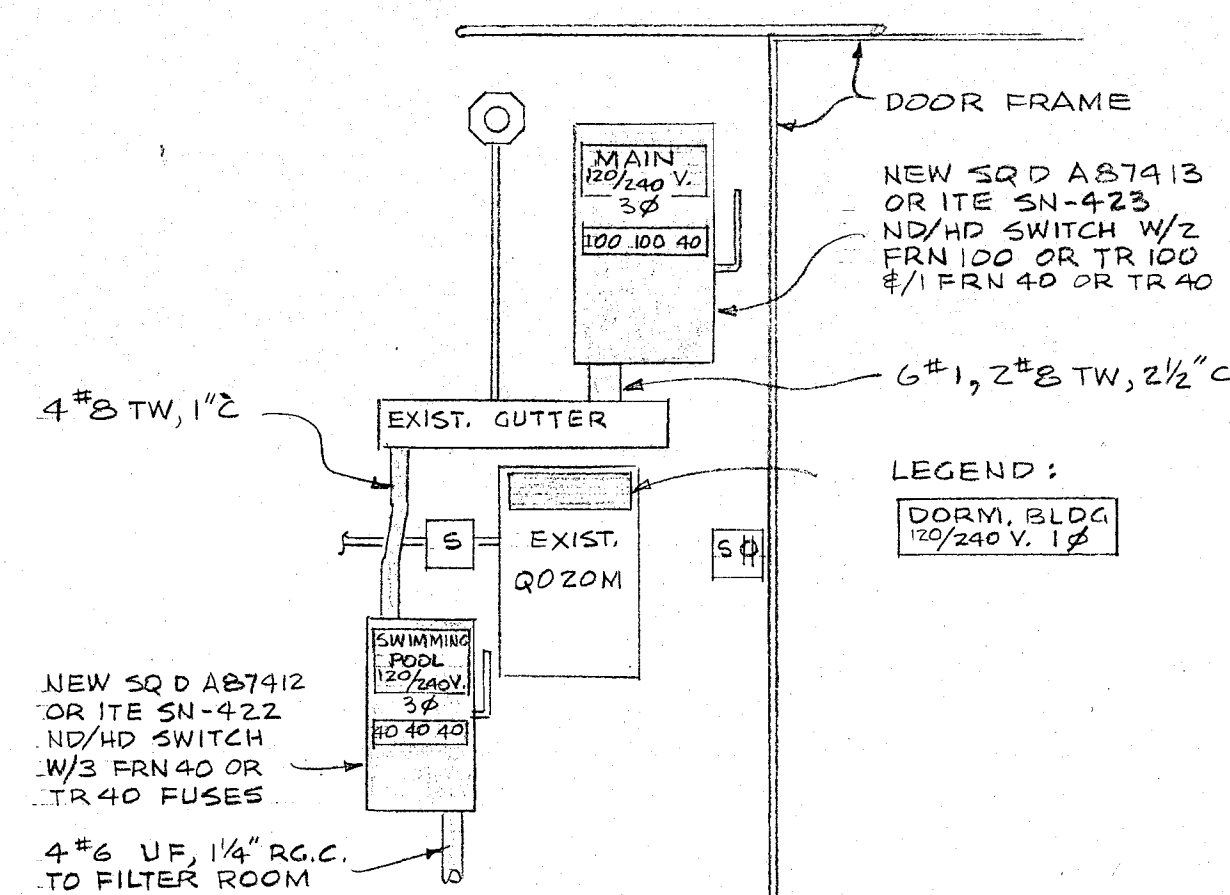


LIGHT STANDARD FOUNDATION
3/4" = 1'-0"



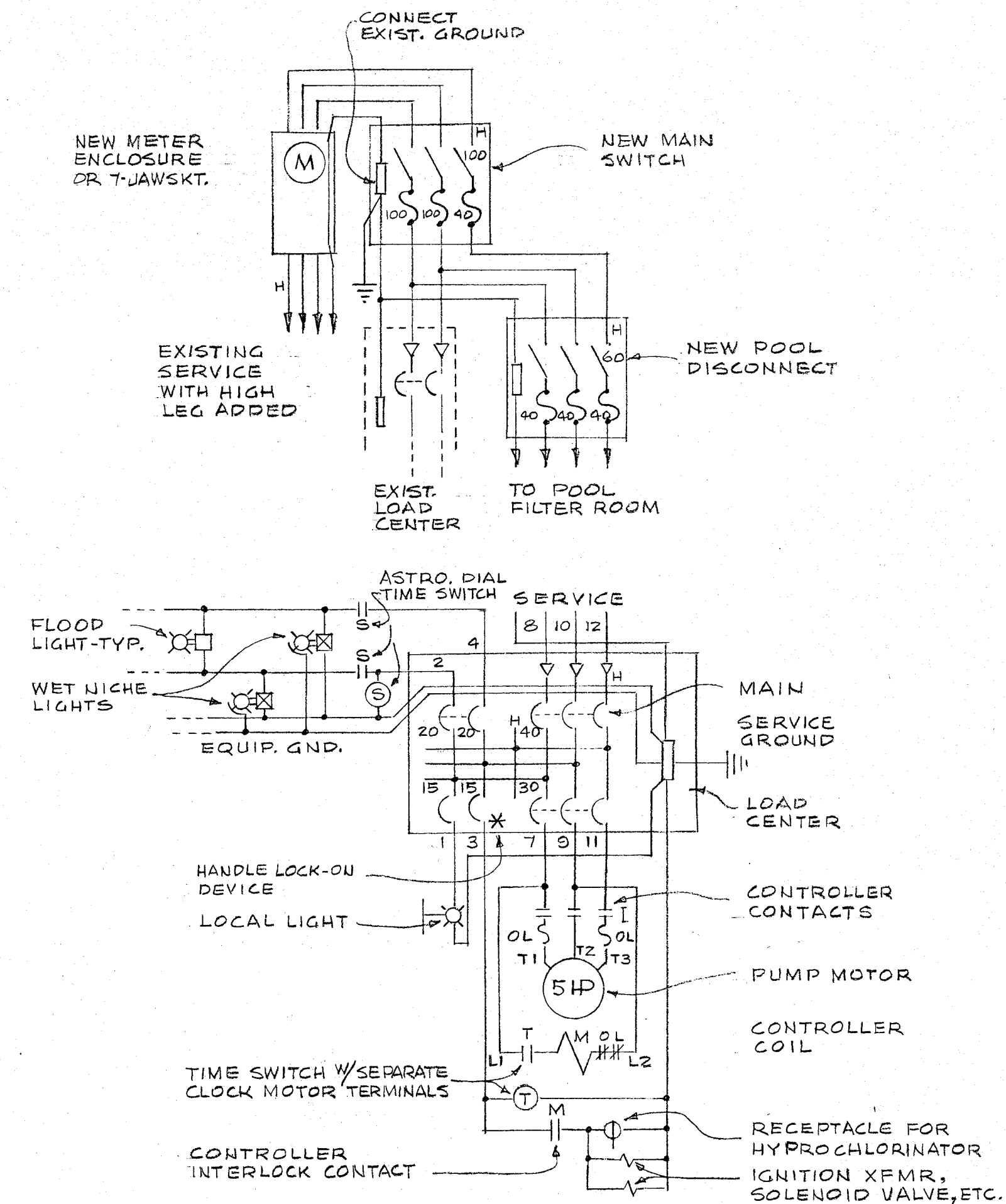
ELEVATION AT FILTER ROOM

SERVICE & CONTROL EQUIPT.



ELEVATION IN DORM. HEATER ROOM

SERVICE & DISTRIBUTION EQUIPT.



SYSTEM SCHEMATIC DIAGRAM