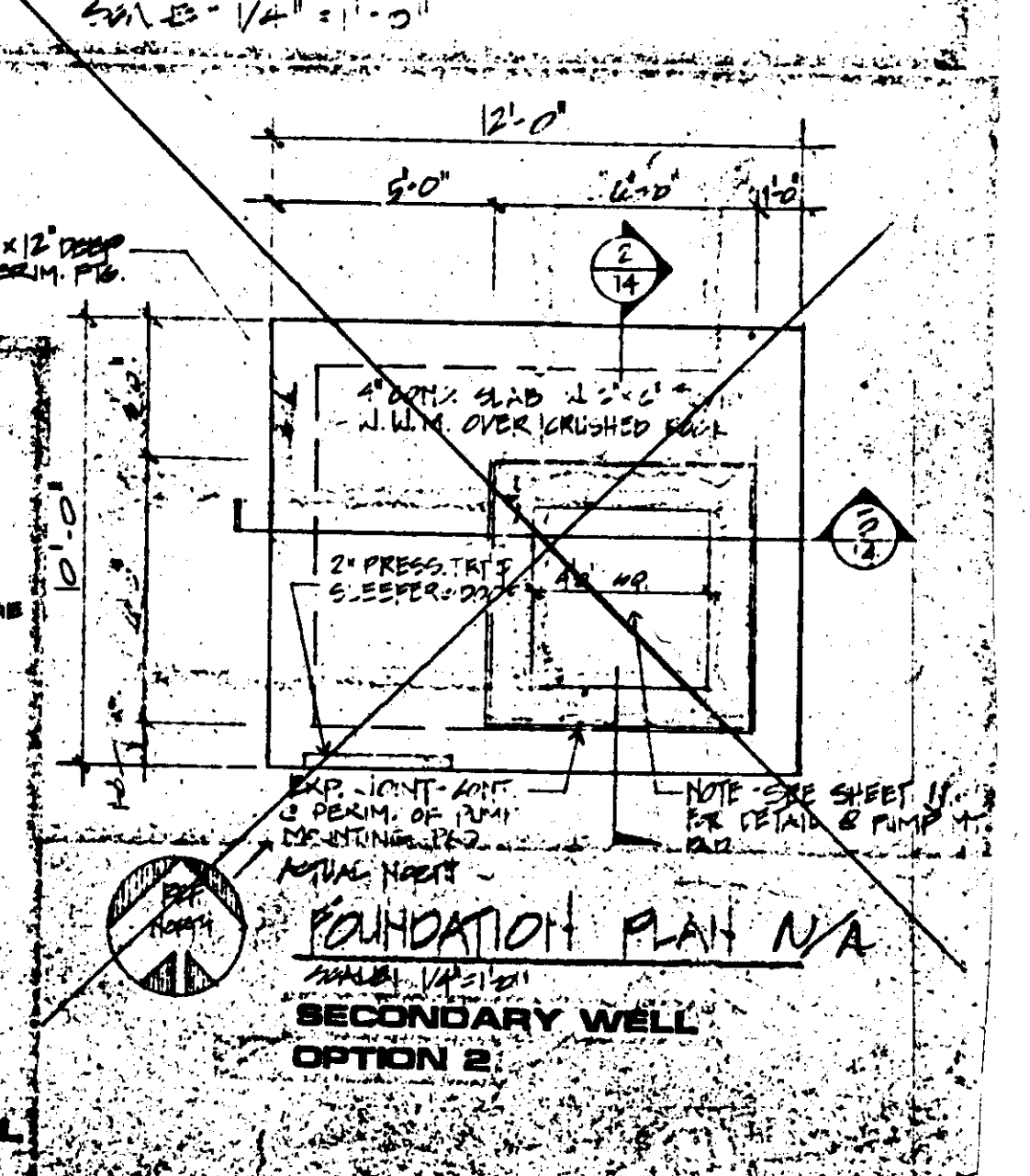
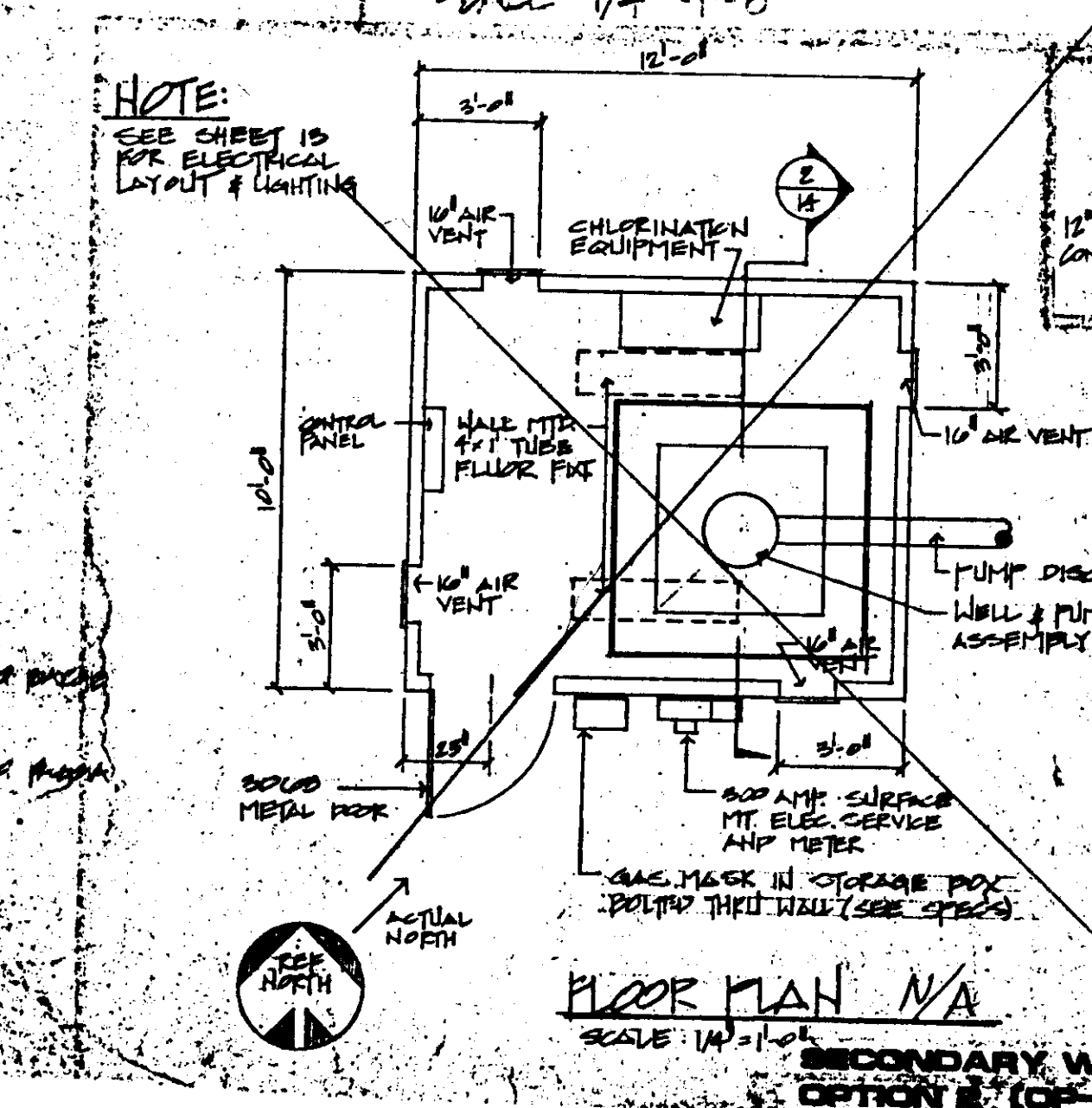
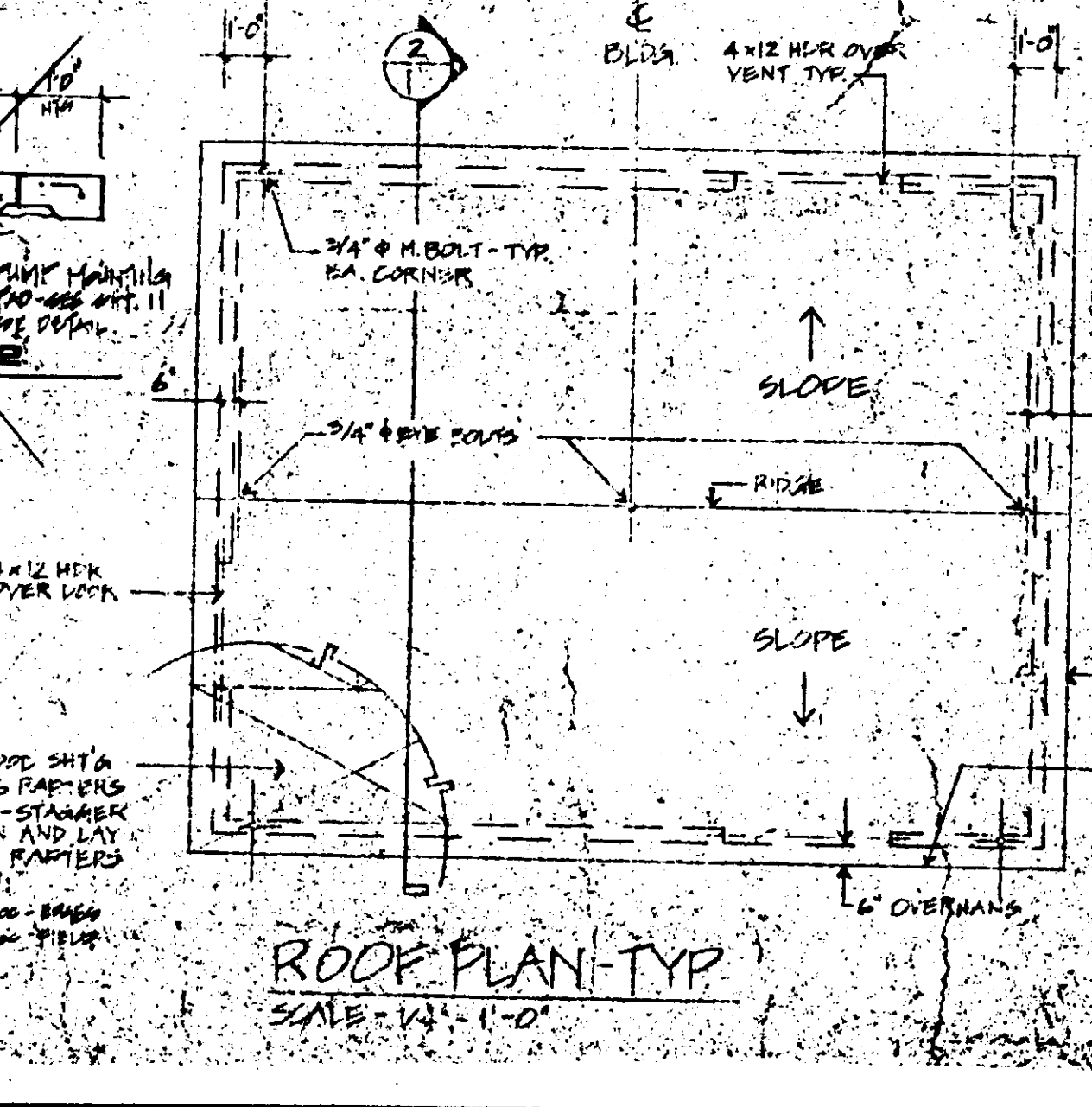
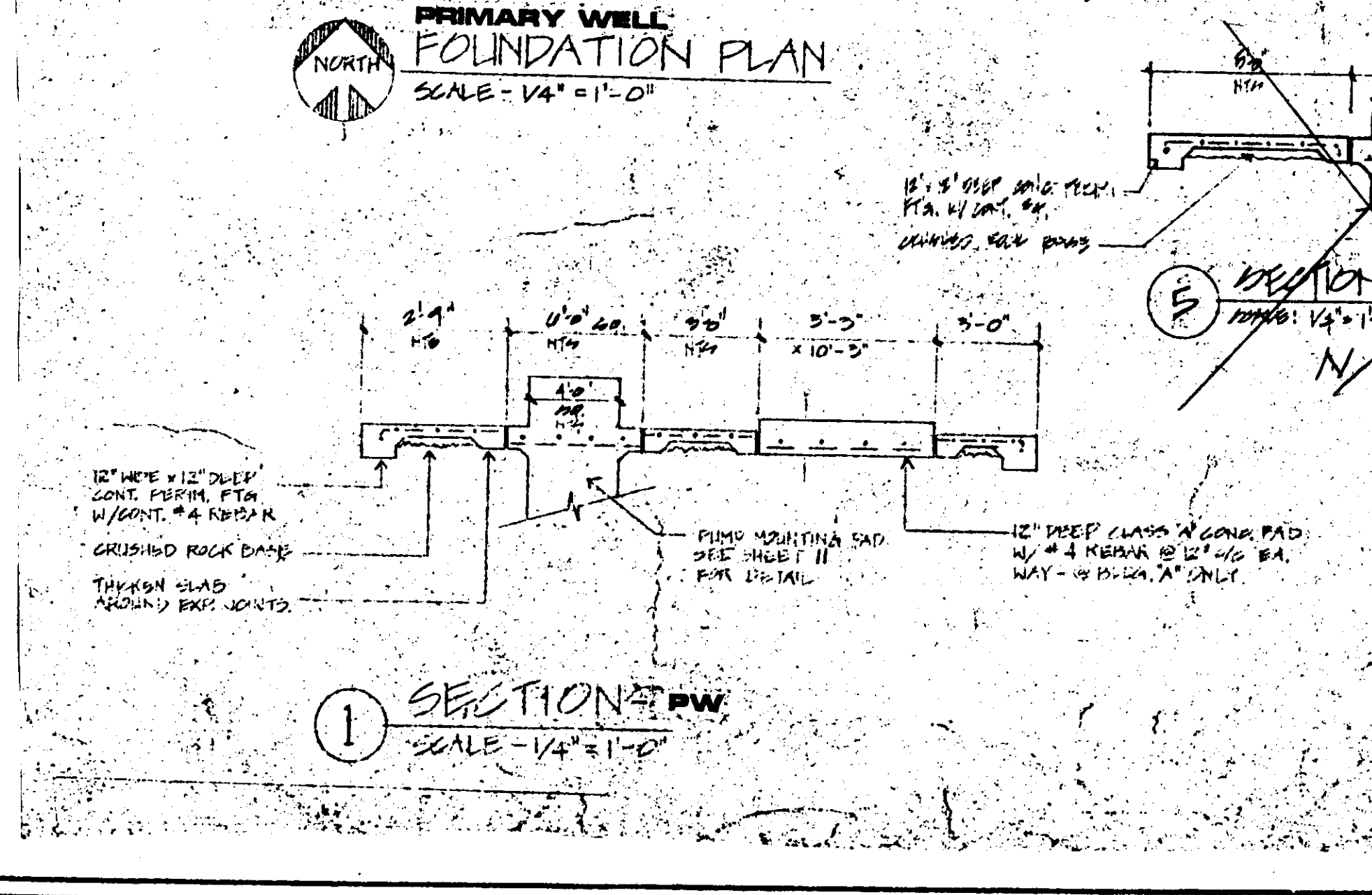
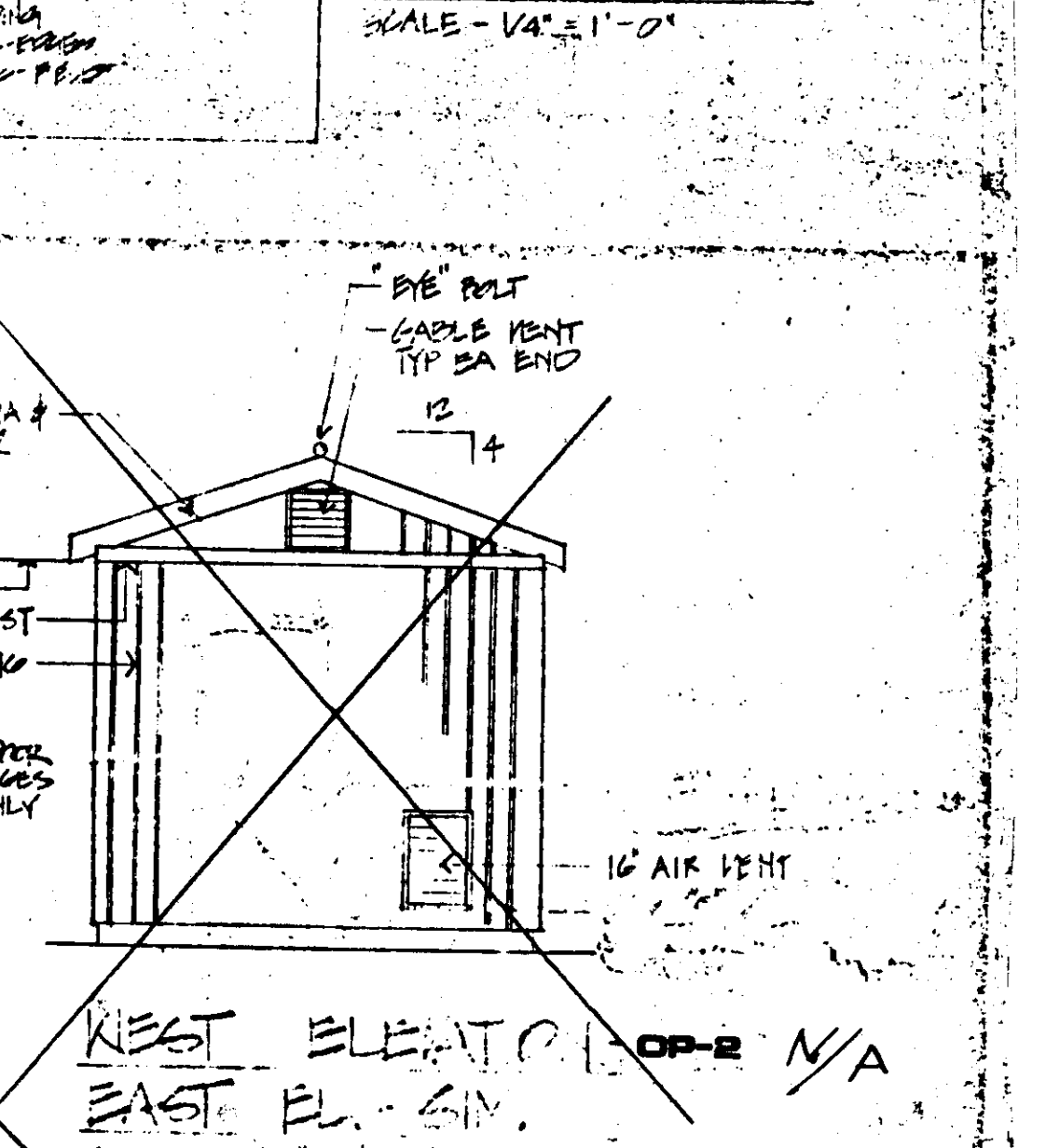
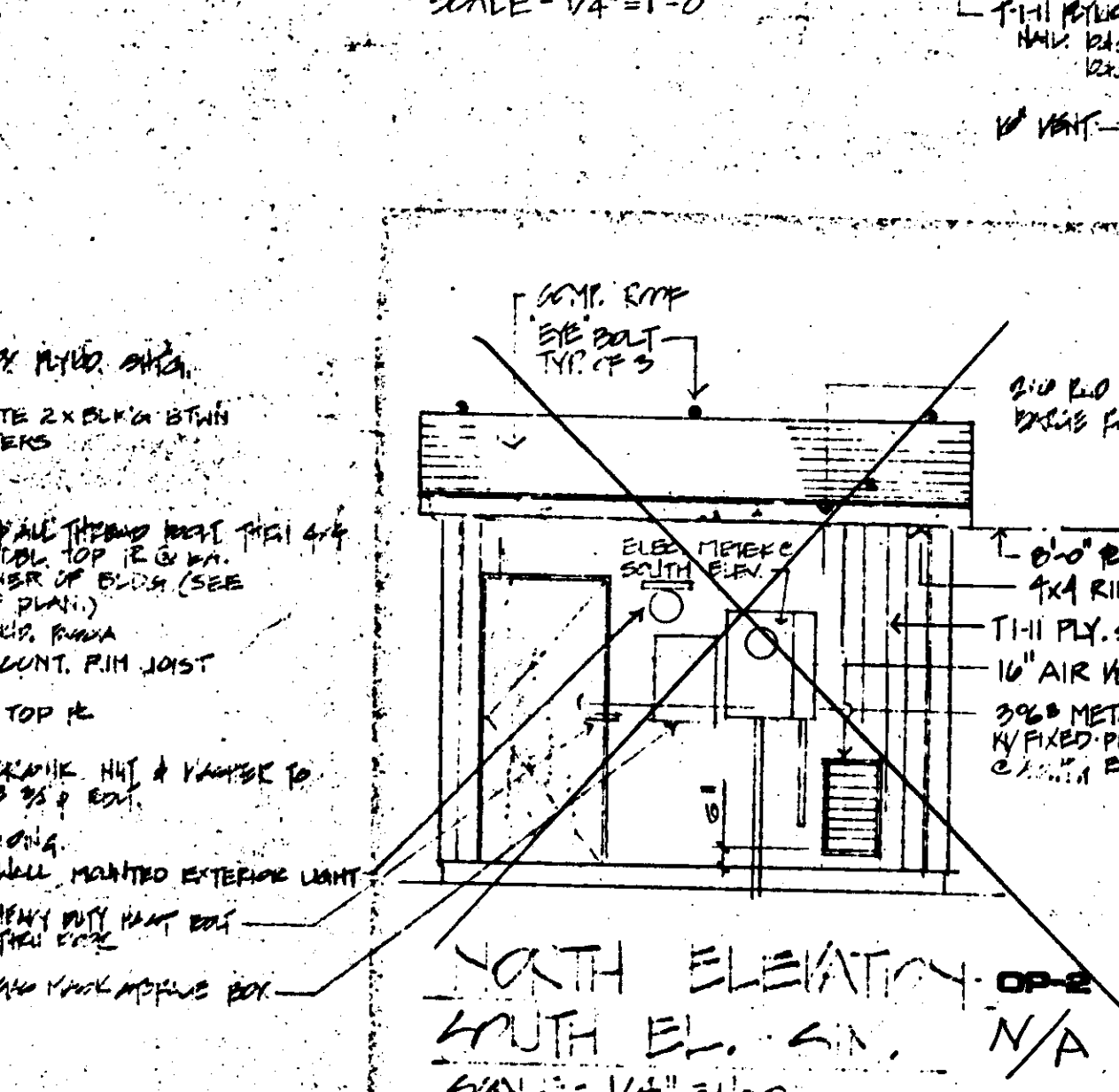
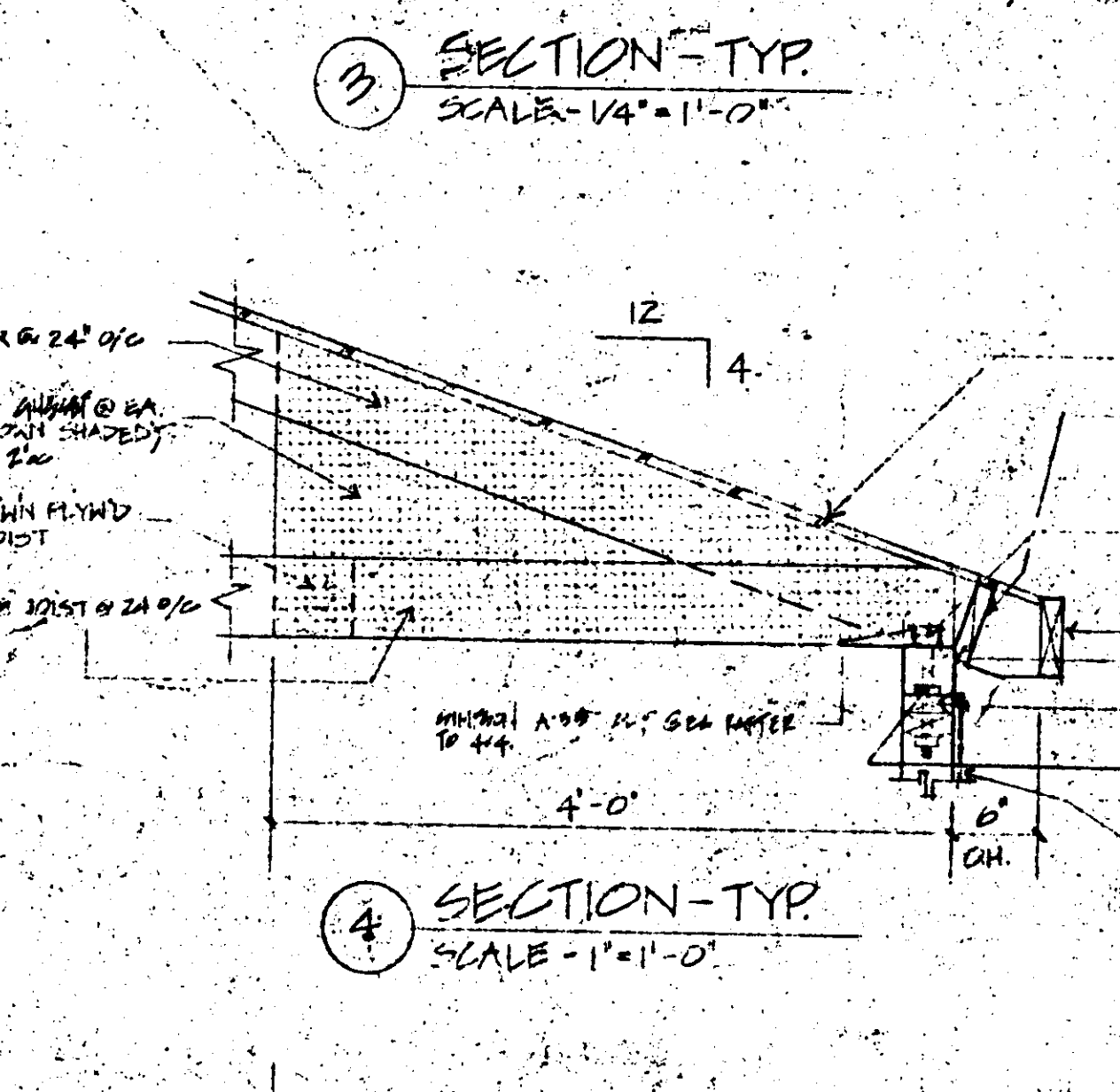
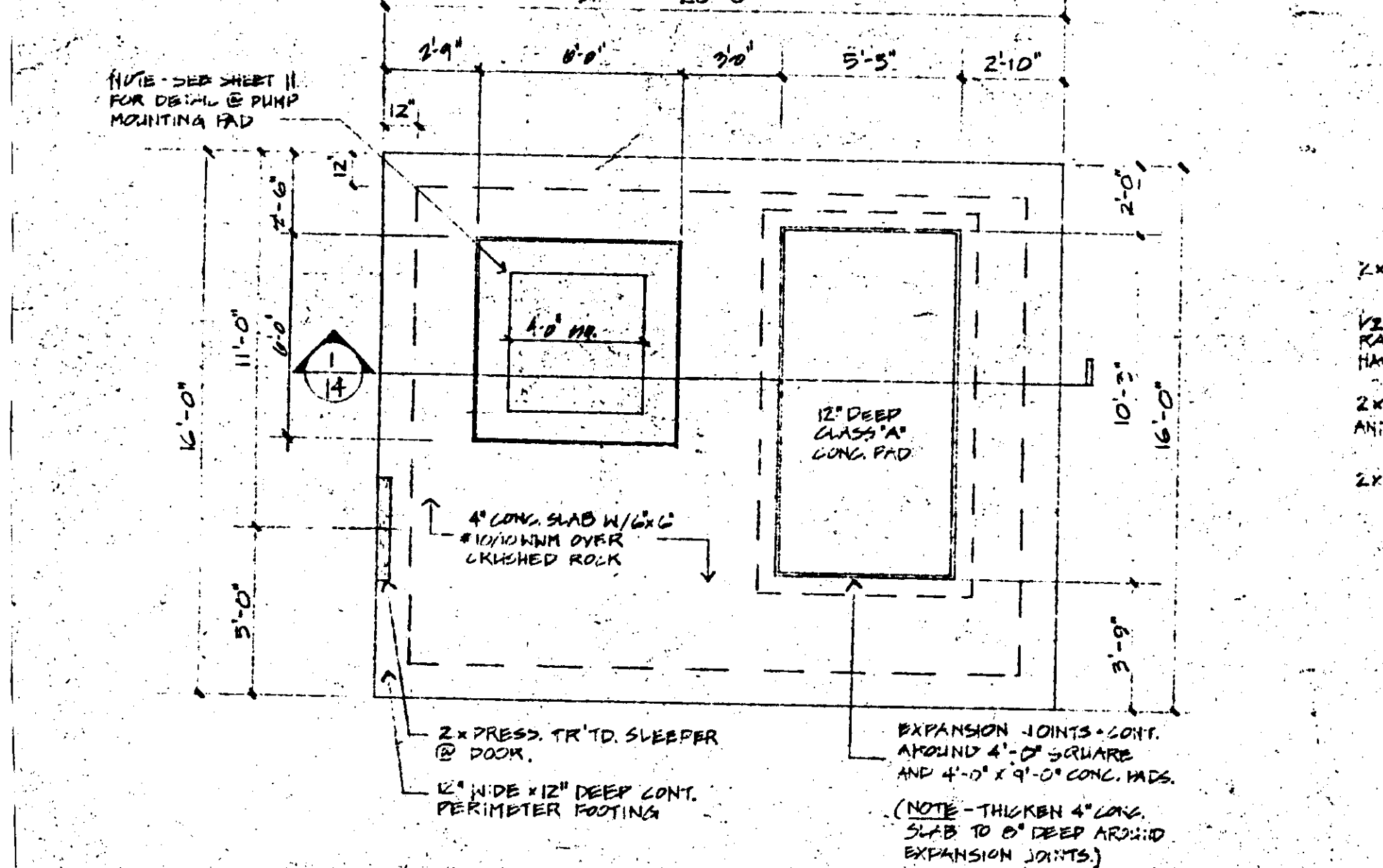
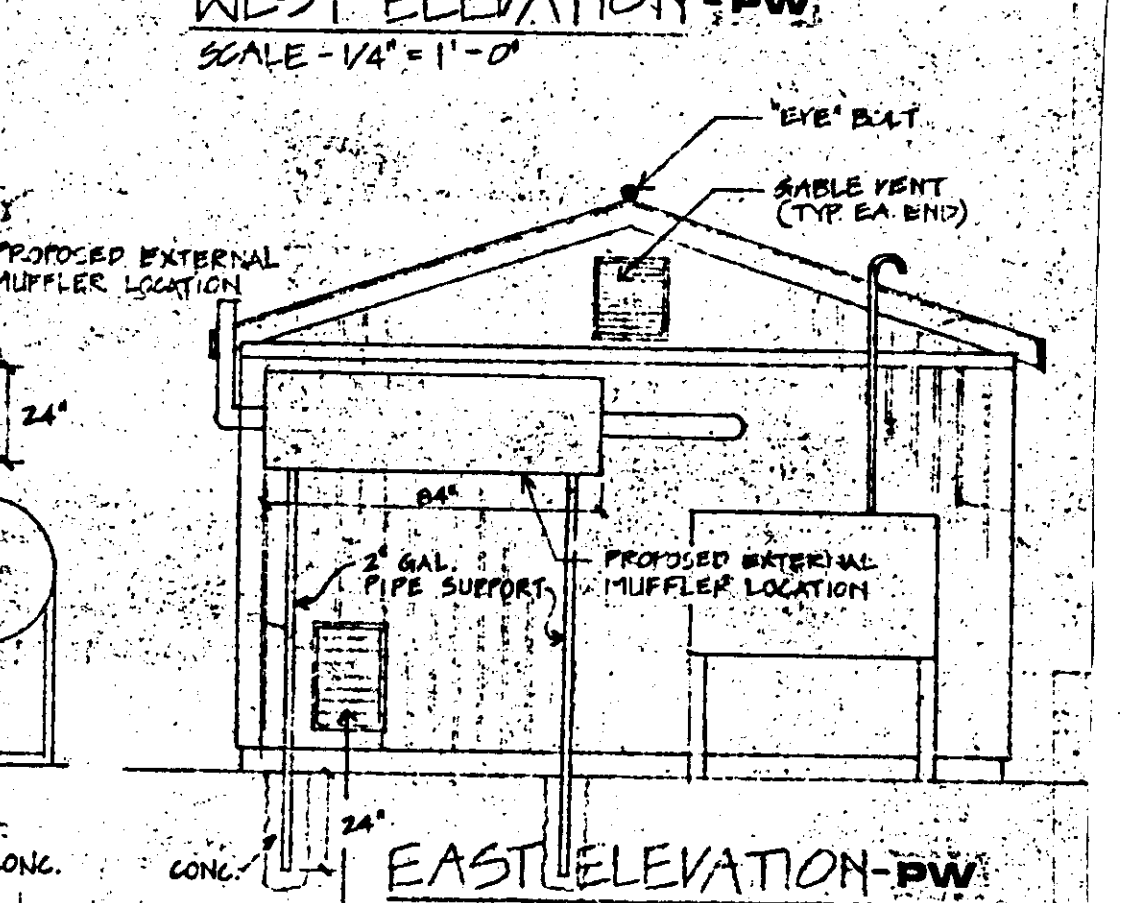
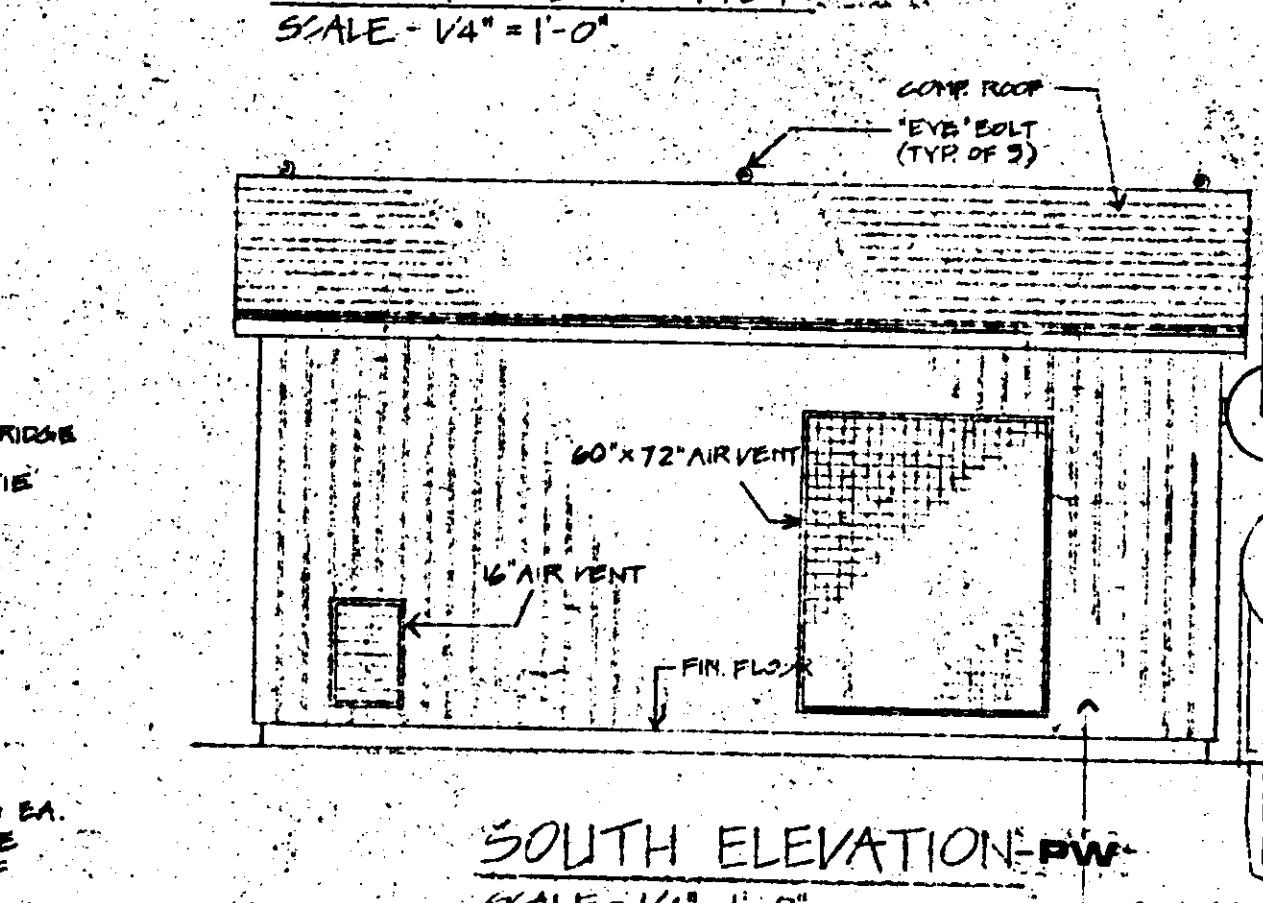
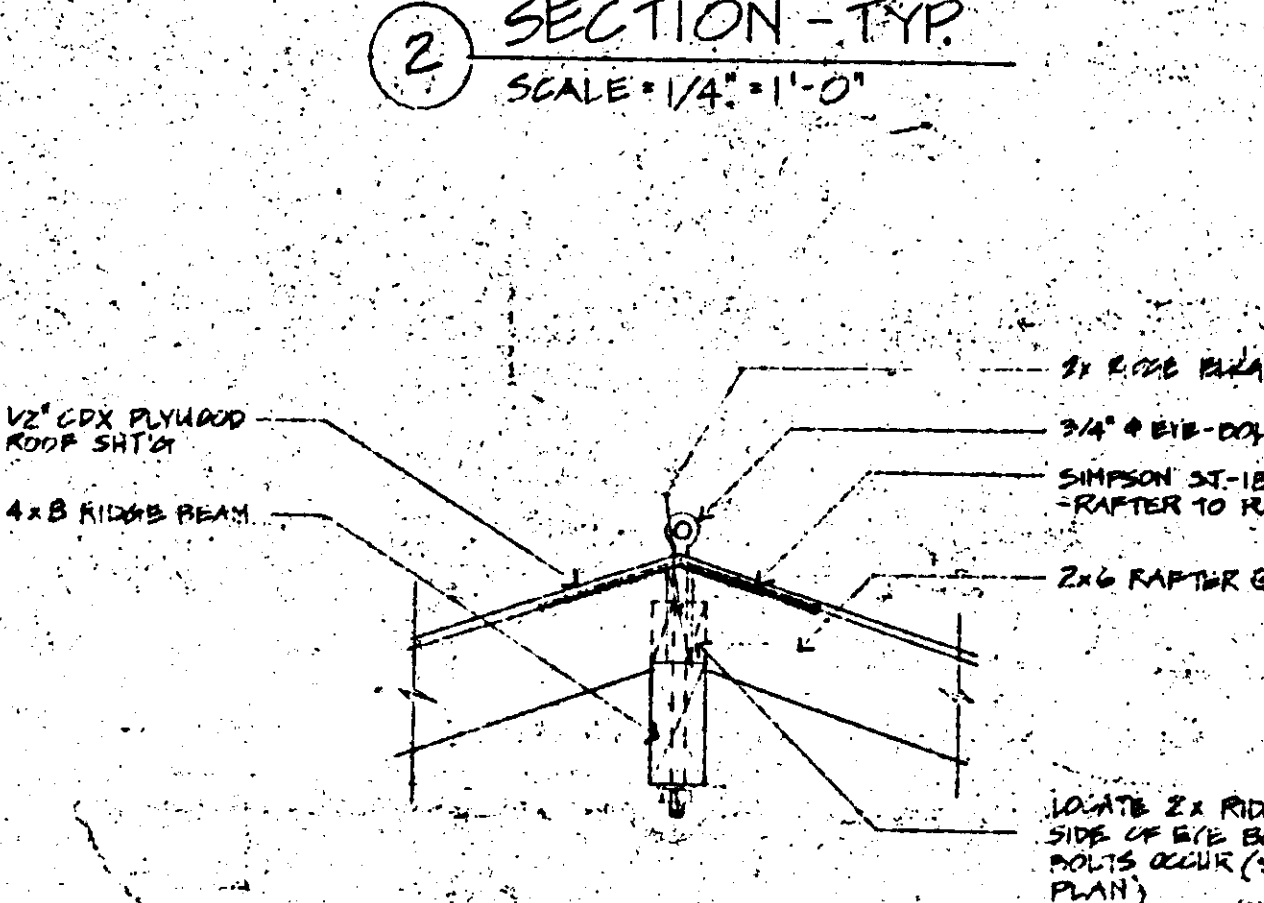
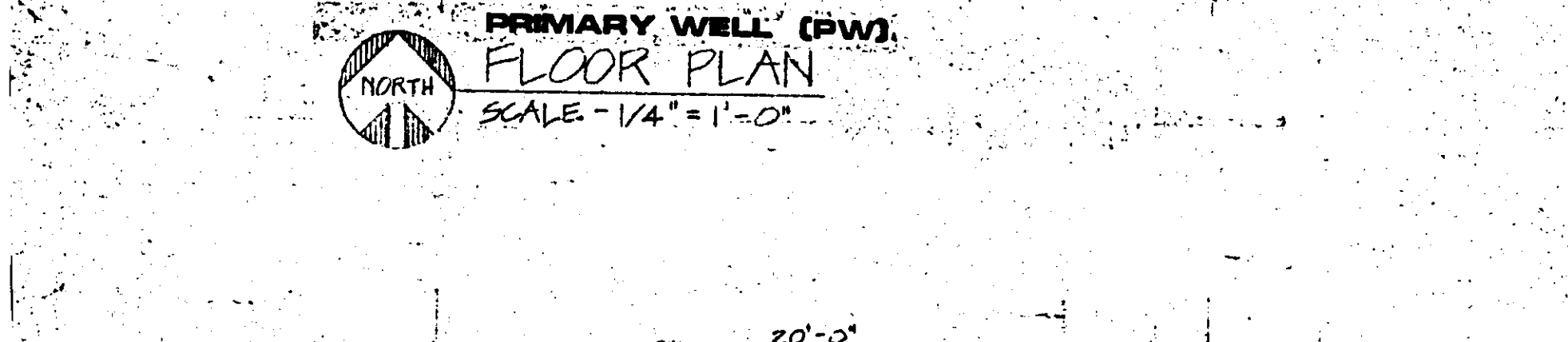
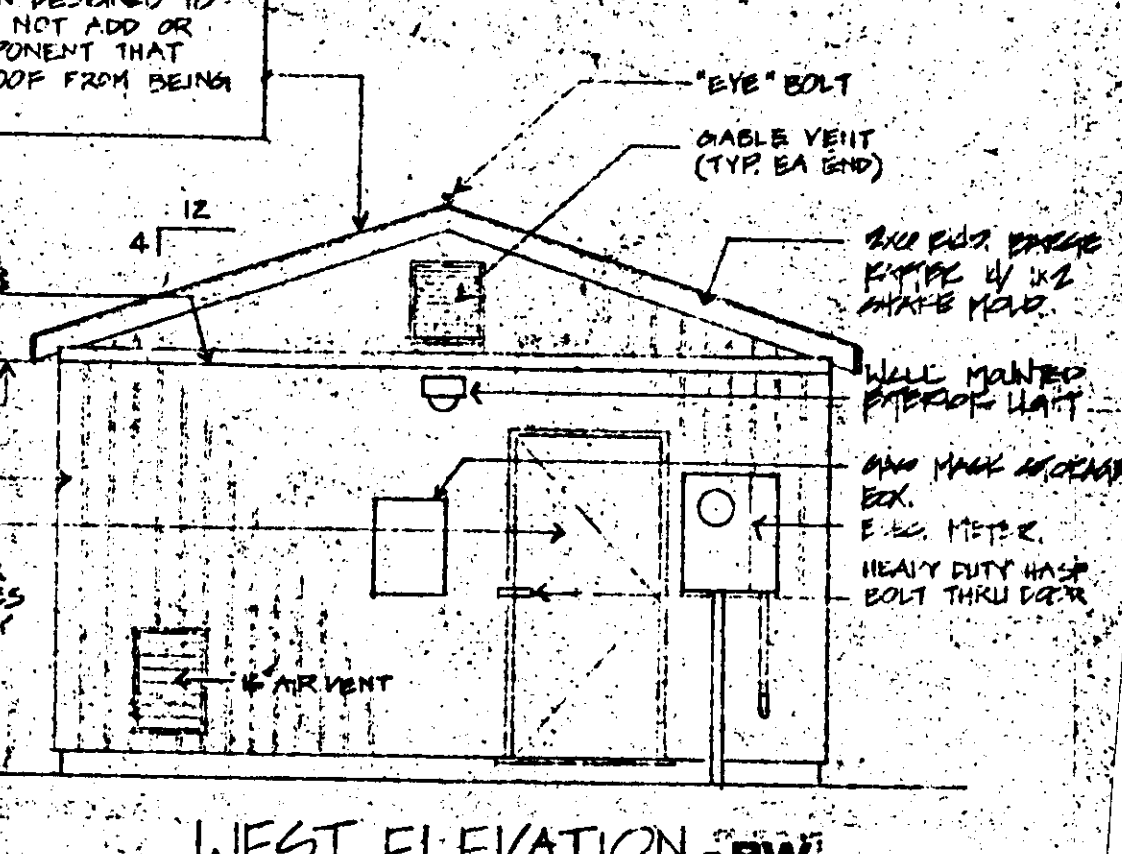
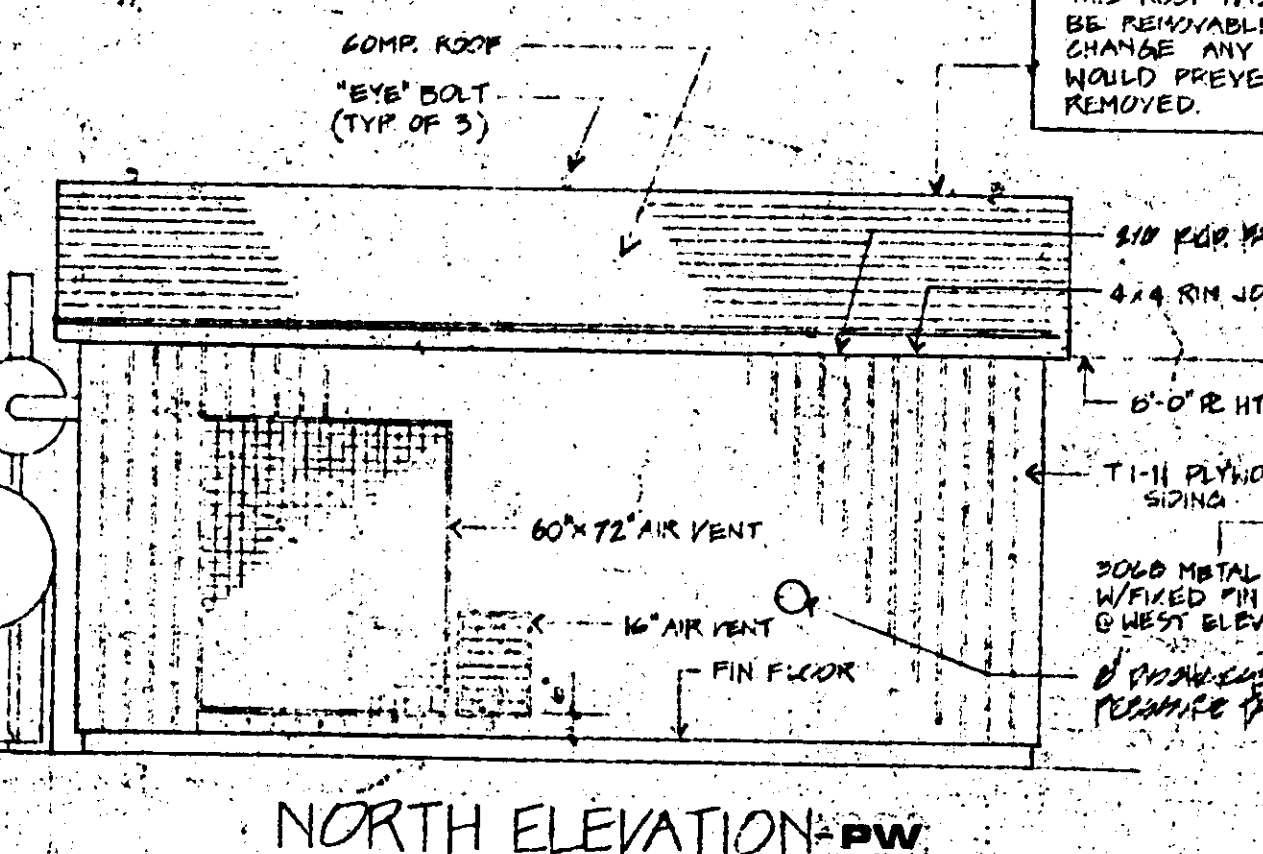
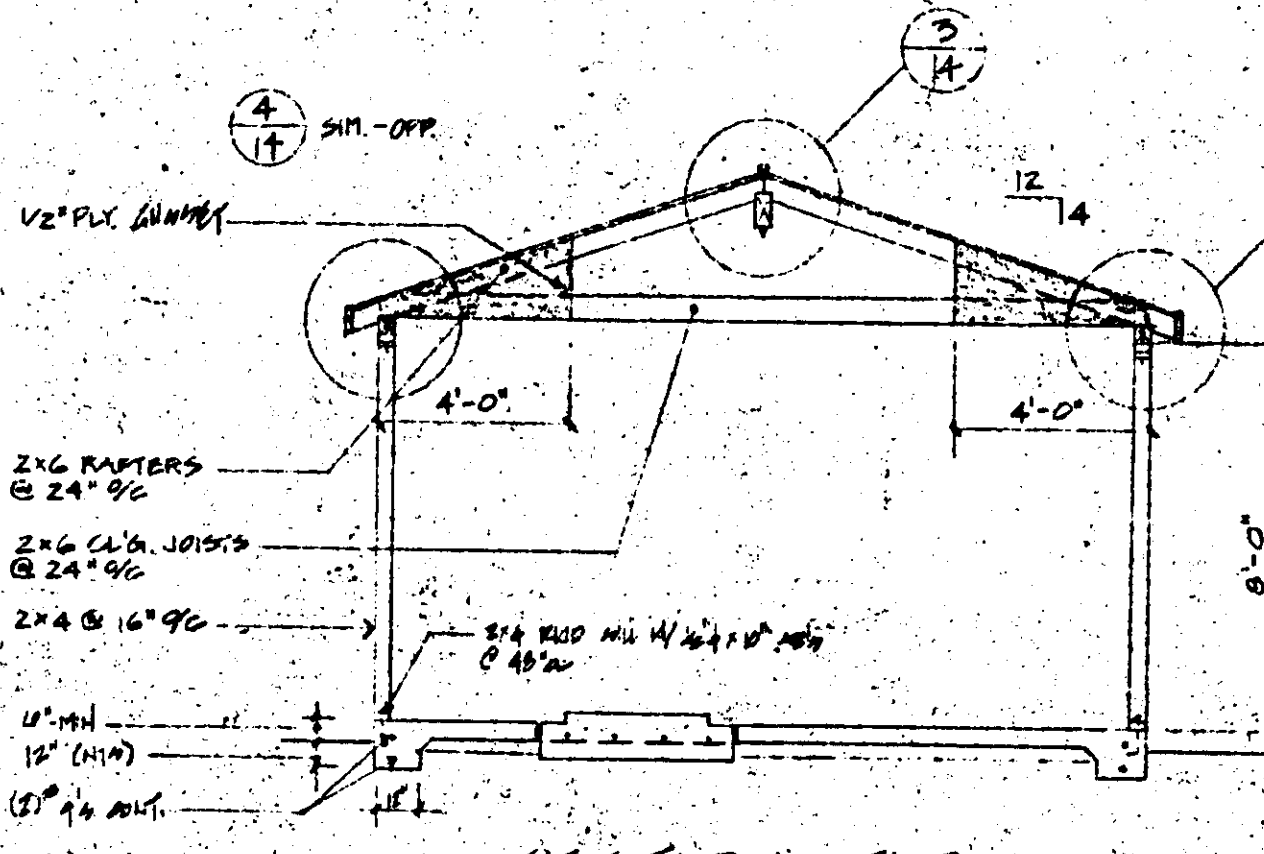
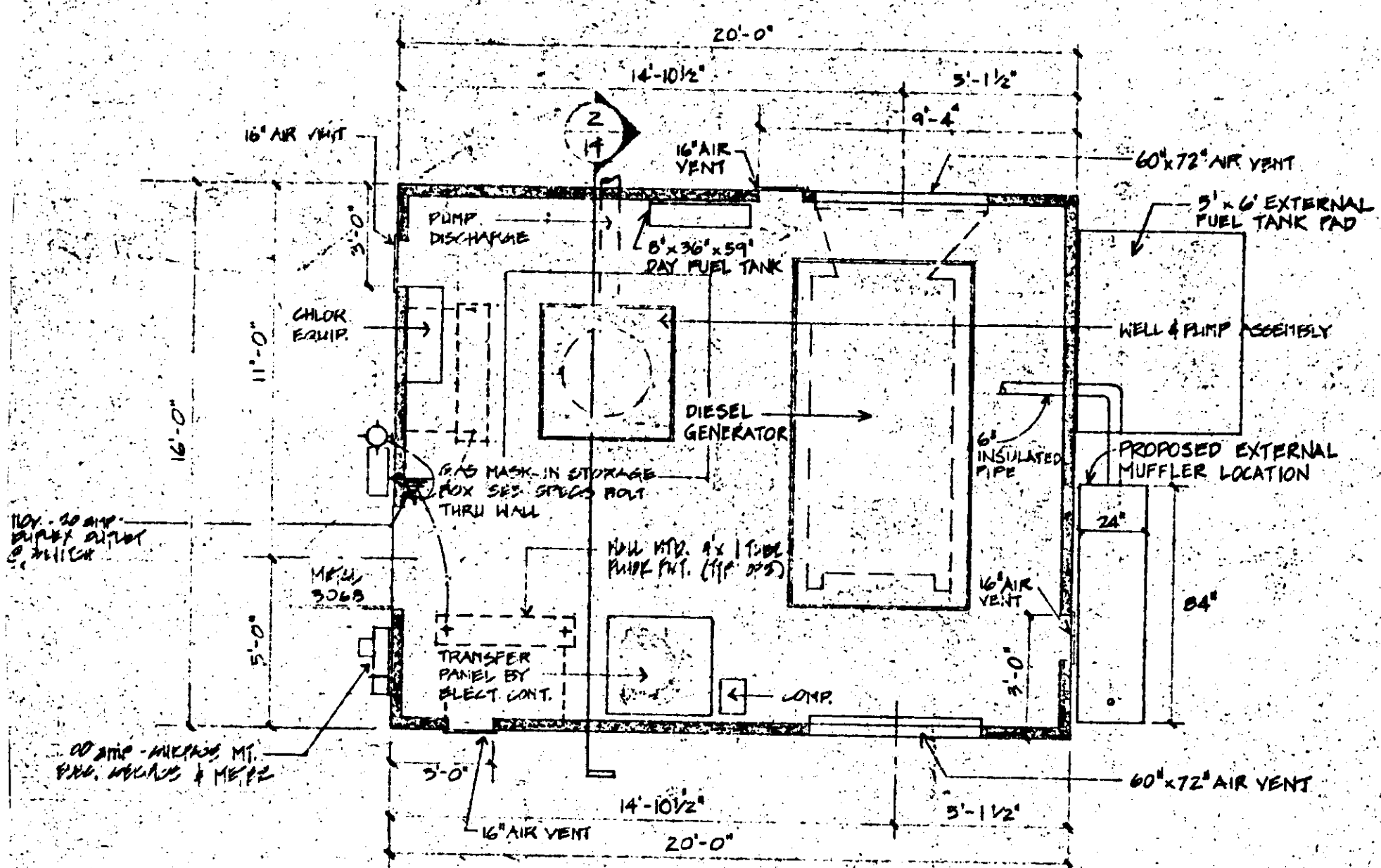


NOTE: COPY OF PLANS TO EXISTING FACILITIES

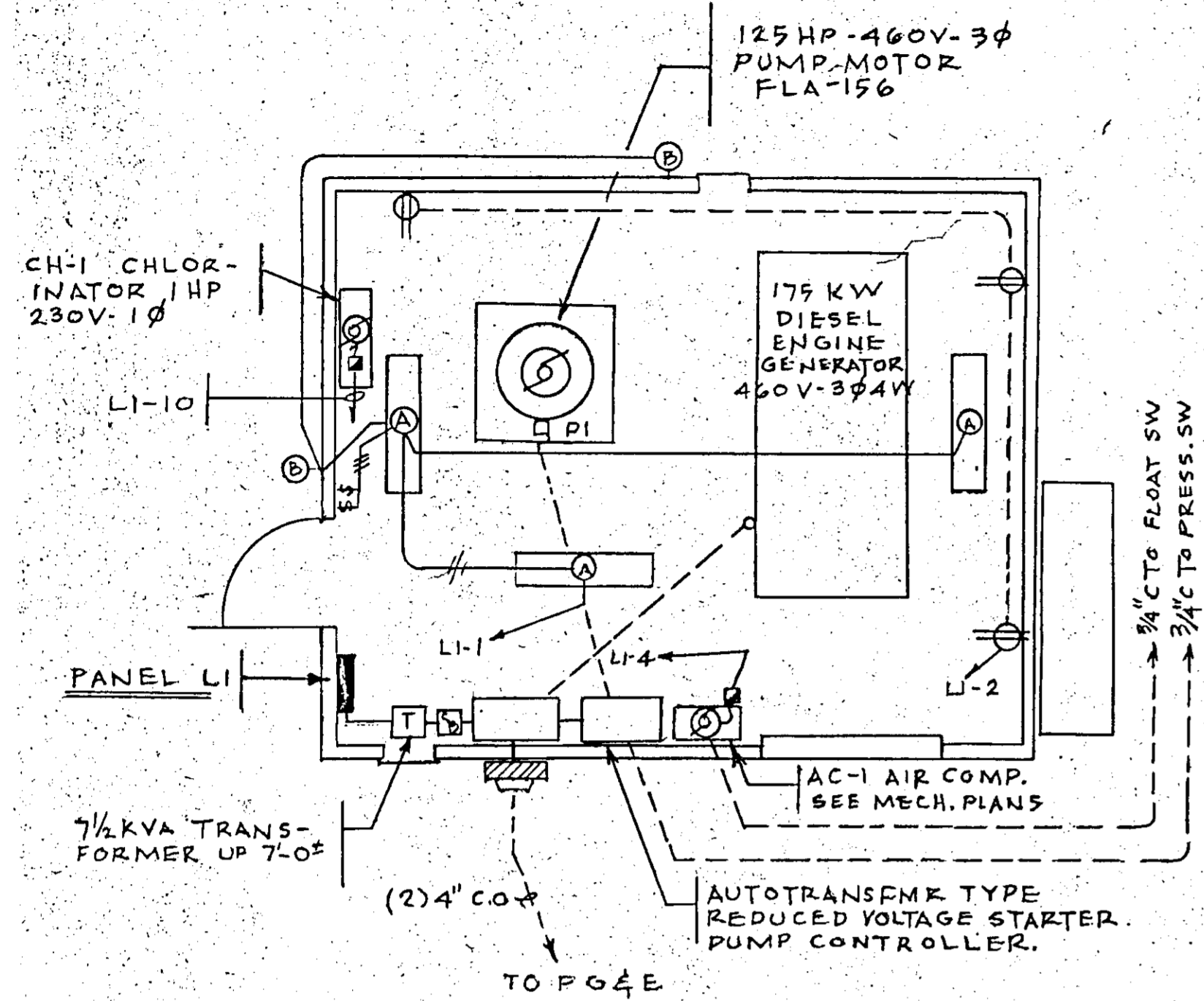
NOTE: THIS ROOF HAS BEEN DESIGNED TO BE REMOVABLE. DO NOT ADD OR CHANGE ANY COMPONENT THAT WOULD PREVENT ROOF FROM BEING REMOVED.



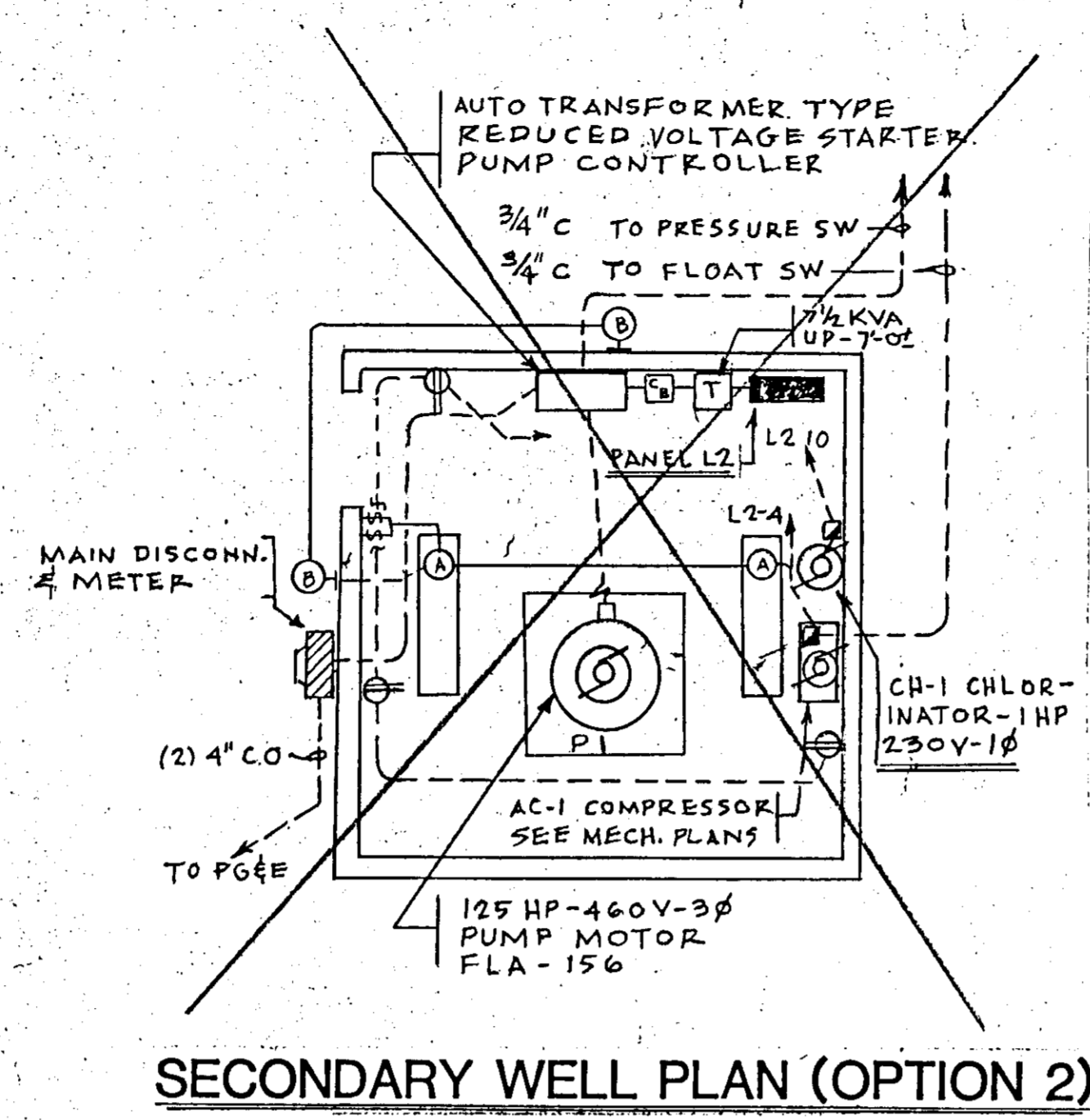
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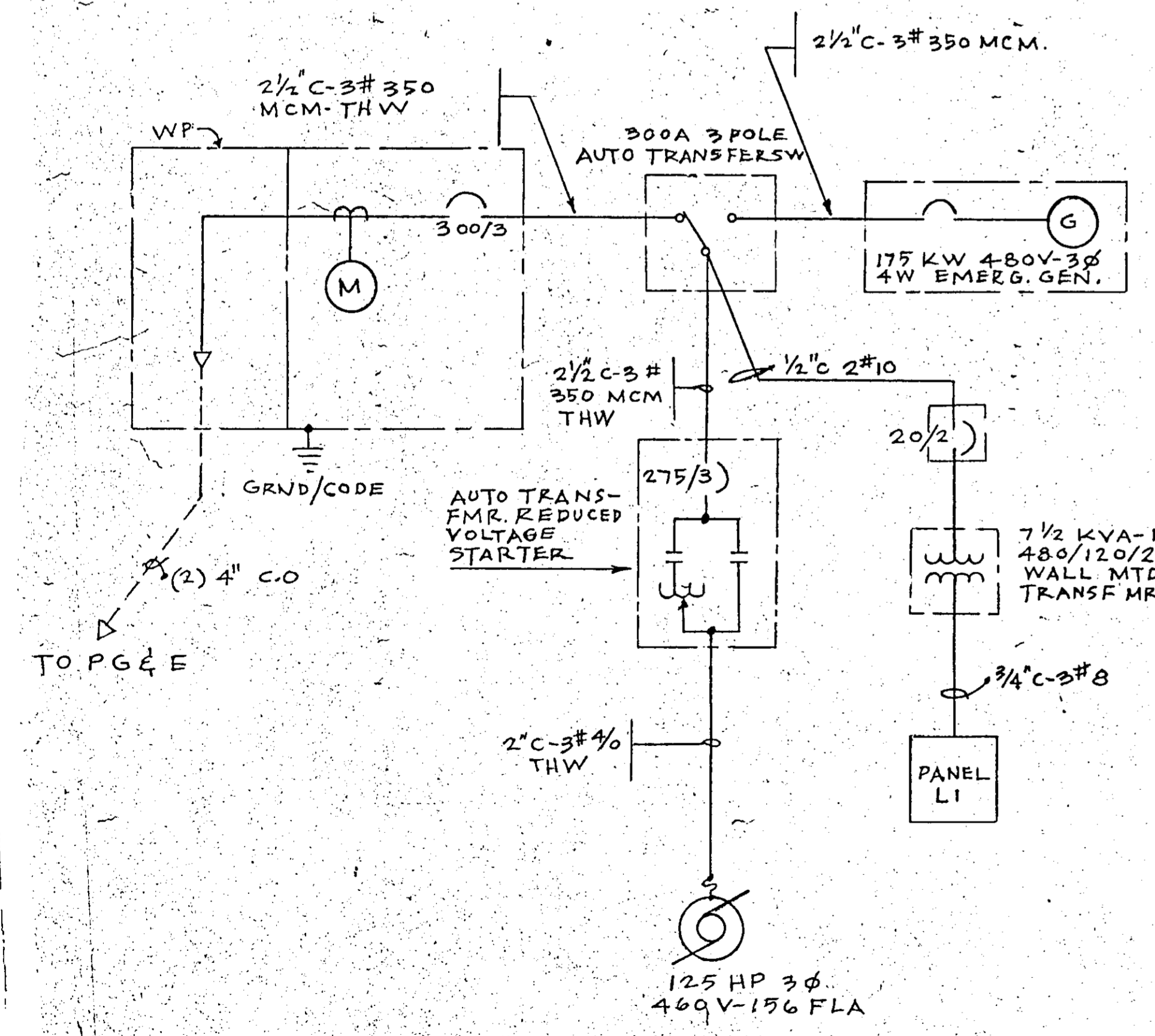
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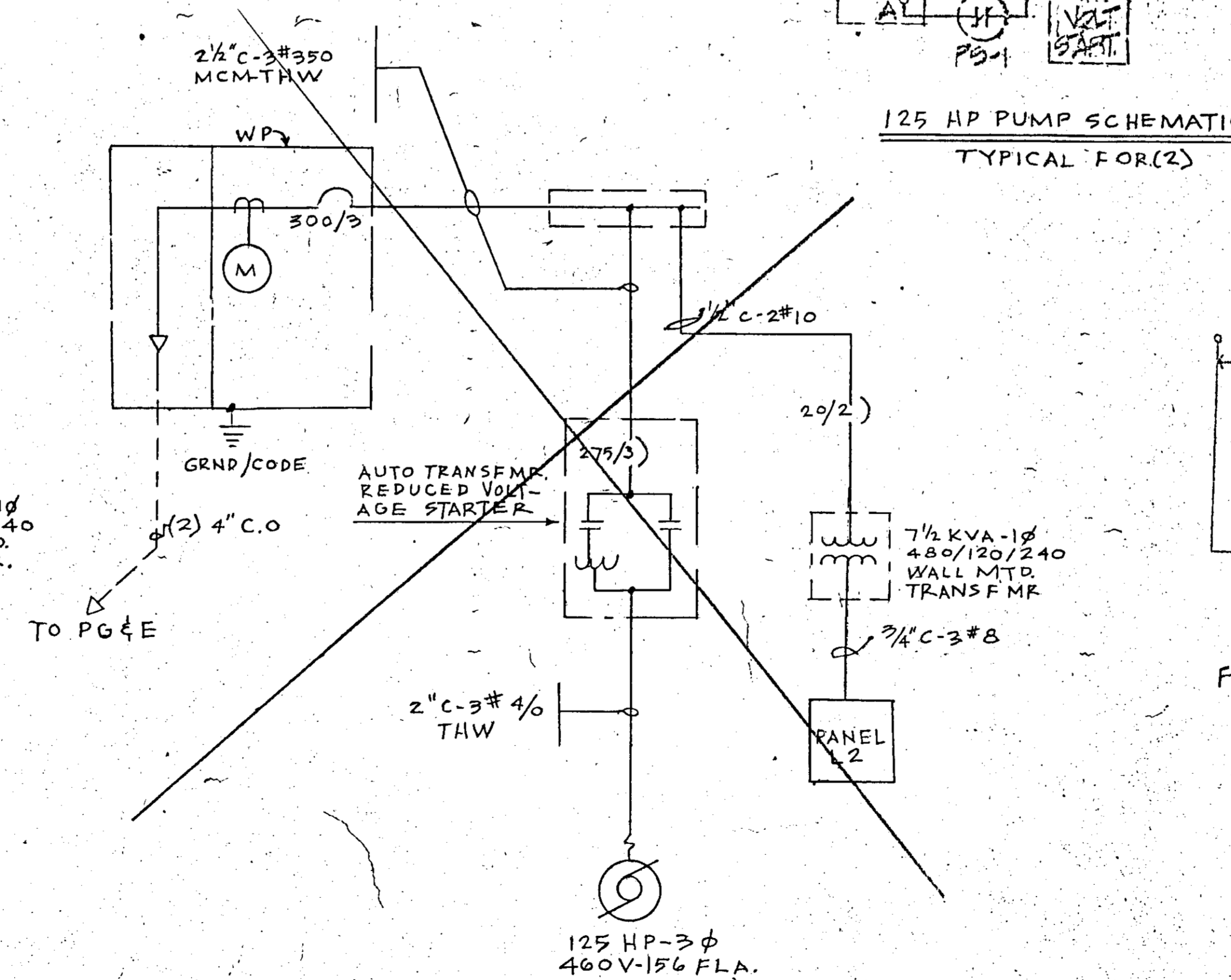
PRIMARY WELL PLAN  
SCALE: 1/4" = 1'-0"



SECONDARY WELL PLAN (OPTION 2)  
SCALE: 1/4" = 1'-0"  
N/A



ONE LINE DIAGRAM PRIMARY WELL



ONE LINE DIAGRAM SECONDARY WELL (OPTION 2)  
N/A

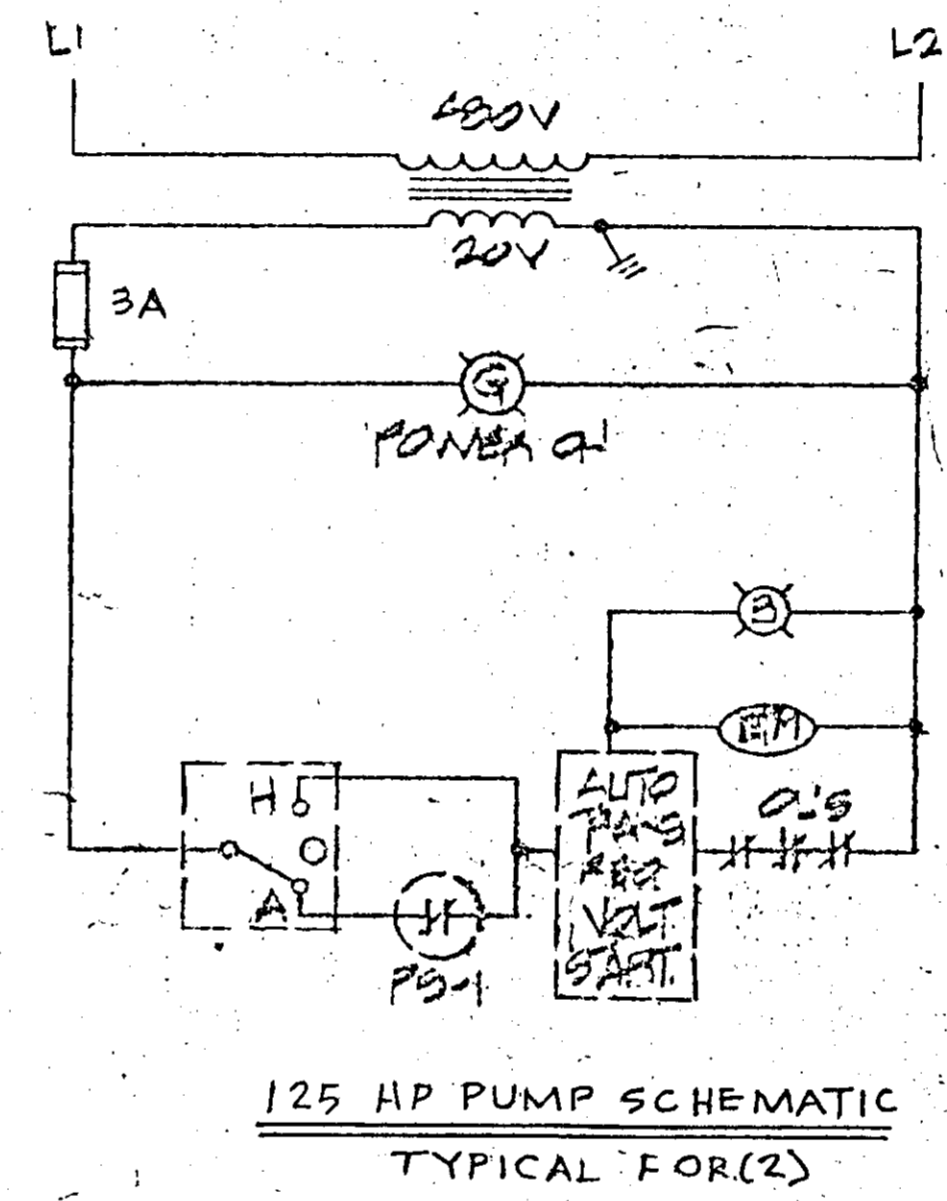
- GENERAL NOTES (ELECTRICAL)
- ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH MOST RECENT EDITION OF N.E.C., STATE OF CALIFORNIA TITLE 24, PART 3, AND ALL APPLICABLE CODES.
  - ELECTRICAL CONTRACTOR SHALL VERIFY POWER AND PHONE SERVICE AT SITE PRIOR TO BIDDING. SERVICES TO CONFORM TO UTILITY REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL ARRANGE FOR SERVICE INSTALLATION PER UTILITY COMPANY REQUIREMENTS AND PAY ALL CUSTOMER CHARGED SERVICE COSTS.
  - ELECTRICAL CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, LICENSES, ETC. REQUIRED TO CARRY ON AND COMPLETE THE WORK.
  - PROVIDE ALL LABOR, MATERIALS, TOOLS, PLANT EQUIPMENT, TRANSPORTATION AND PERFORM ALL OPERATIONS NECESSARY FOR ANY REASONABLE INCIDENTAL TO PROPER EXECUTION AND COMPLETION OF ALL "ELECTRICAL WORK" WHETHER SPECIFICALLY MENTIONED OR NOT; ALL AS INDICATED, SPECIFIED HEREIN, AND/OR IMPLIED THEREBY TO CARRY OUT THE APPARENT INTENT THEREOF.
  - ALL ELECTRICAL MATERIALS SHALL BE NEW AND LISTED WITH THE UNDERWRITERS' LABORATORIES, INC., SHALL MEET THEIR REQUIREMENTS AND SHALL BEAR THEIR LABEL WHEREVER STANDARDS HAVE BEEN ESTABLISHED AND LABEL SERVICE IS REGULARLY FURNISHED BY THAT AGENCY.
  - CONDUCTORS SHALL BE COPPER CONDUCTORS TYPE TW FOR #8 OR SMALLER AND COPPER CONDUCTORS TYPE THW FOR #6 OR LARGER, UNLESS OTHERWISE NOTED OR REQUIRED BY CODE.
  - ALL EXTERIOR AND INCANDESCENT LAMPS SHALL BE LONG LIFE, G.E. SERIES 99 OR EQUAL. ALL FLUORESCENT FIXTURES TO BE LAMPED WITH LITE WHITE LAMPS AND HAVE AN "A" SOUND RATED, ENERGY SAVING BALLAST UNLESS OTHERWISE SHOWN.

LEGEND

(A)	FLUORESCENT LIGHT FIXTURE	(CAP)	LETTER-TYPE
(B)	INCANDESCENT CEILING LIGHT FIXTURE	(SM)	LETTER-SWITCHING
(C)	RECESSED INCANDESCENT LIGHT FIXTURE	(N/C)	NUMBER-CIRCUIT
(D)	WALL BRACKET LIGHT FIXTURE		
(E)	EXIT LIGHT		
(F)	LIGHT SWITCH - SPST	UP	UON
(G)	LIGHT SWITCH - 3-WAY	UP	UON
(H)	120 VOLT DUPLEX WALL OUTLET	UP	UON
(I)	THERMOSTAT (SEE MECH.)		
(J)	ALTERNATE DESIGNATION OF LIGHT FIXTURE SHOWING TYPE & LAMPS		
(K)	NON-FUSED DISCONNECT SWITCH		
(L)	CONDUIT CONCEALED IN WALL OR CEILING		MIN. SIZE 1/2" C
(M)	CONDUIT CONCEALED IN FLOOR OR UNDERGROUND		TICS-NO OF #12 WIRES
(N)	FLEXIBLE CONDUIT		NO TICS-2" #12 UON
(O)	JUNCTION BOX	NL	NIGHT LIGHT
(P)	EXHAUST FAN	UON	UNLESS OTHERWISE NOTED
(Q)	TIME CLOCK	CO	CONDUIT ONLY
(R)	MOTOR OUTLET	WP	WEATHERPROOF
(S)	MAGNETIC STARTER		
(T)	DISTRIBUTION PANEL		
(U)	LIGHTING PANEL		
(V)	SIGNAL CABINET AS DESIGNATED		

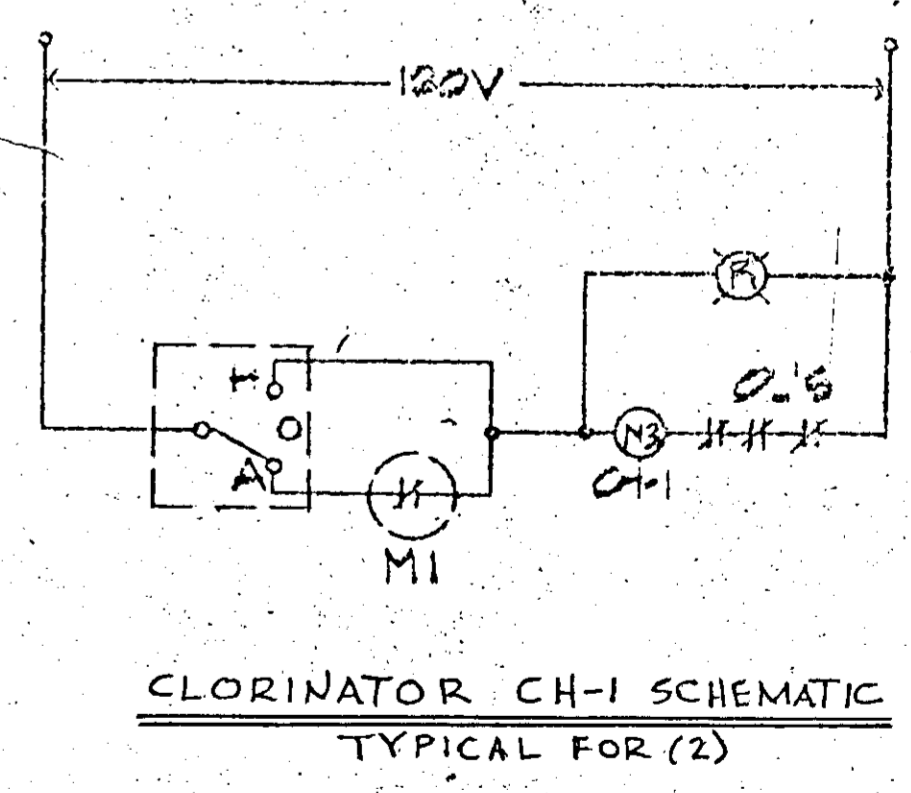
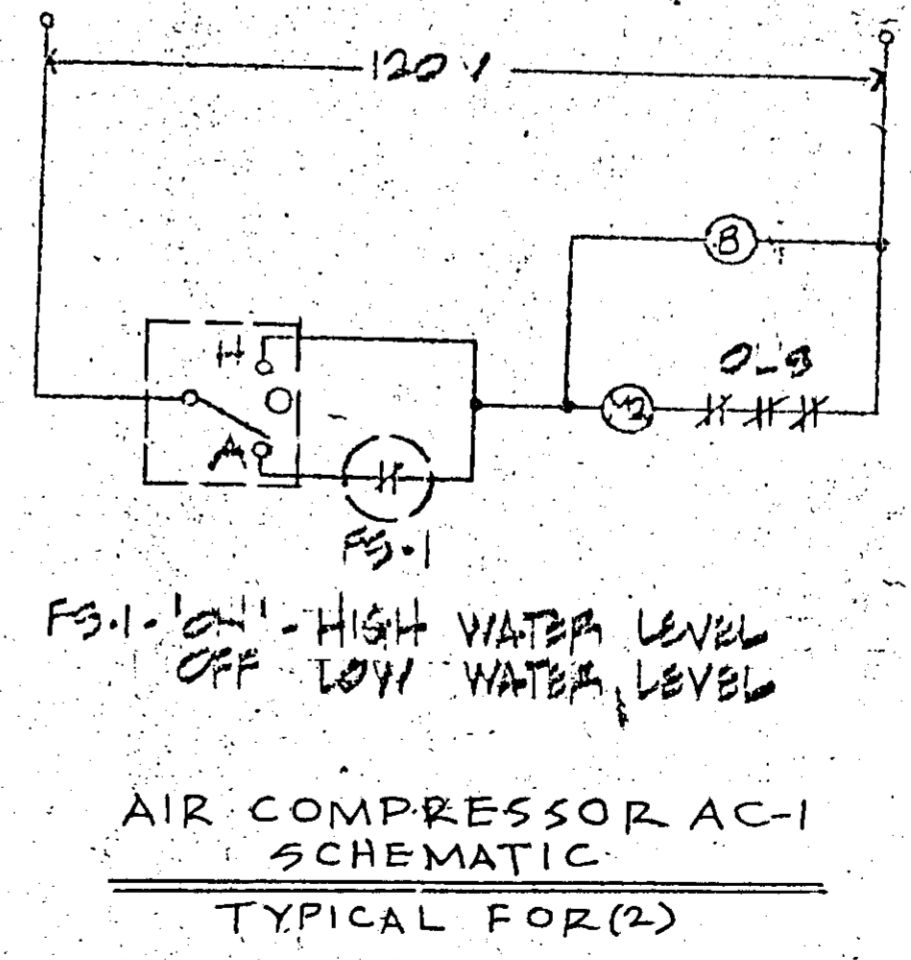
FIXTURE SCHEDULE

SPEC	TYPE	LAMP	DESCRIPTION	MANUFACTURER'S NO.
A	2-FADPS	FLUORESCENT	4-2 LAMP FLUORESCENT FIXT. WEATHER PROOF ELAMEL REFLECTOR SURFACE UPD	WELLMADE #A07-D-2L0FS
B	1-150W	INCANDE	WALL BRACKET FIXT. WEATHERPROOF HOUSING ASYMMETRIC REFLECTOR	HOLOPHANE #A01-120V



PANEL L2 IS IDENTICAL TO PANEL L1

PANEL L1 - NLAB-12-3L 120/240V-1φ SURFACE				
#	TYPE	CB	S/N	CB
1	LIGHTING	20		OUTLETS
3	SPACE			AC-2
5				SPARE
7				
9	SPACE			CH-2
11				1HP



HCS ENGINEERING  
CONSULTING ELECTRICAL ENGINEERS  
2522 GRAND CANAL BLVD., SUITE 14  
STOCKTON, CALIF. (209) 478-3270

NOTE: COPY OF PLANS TO EXISTING FACILITIES

PROJECT NO. 092-012-269  
JACO

DESIGN BY DATE REVISIONS BY DATE

DRAWN BY DATE

CHECKED BY DATE

APPROVED BY DATE

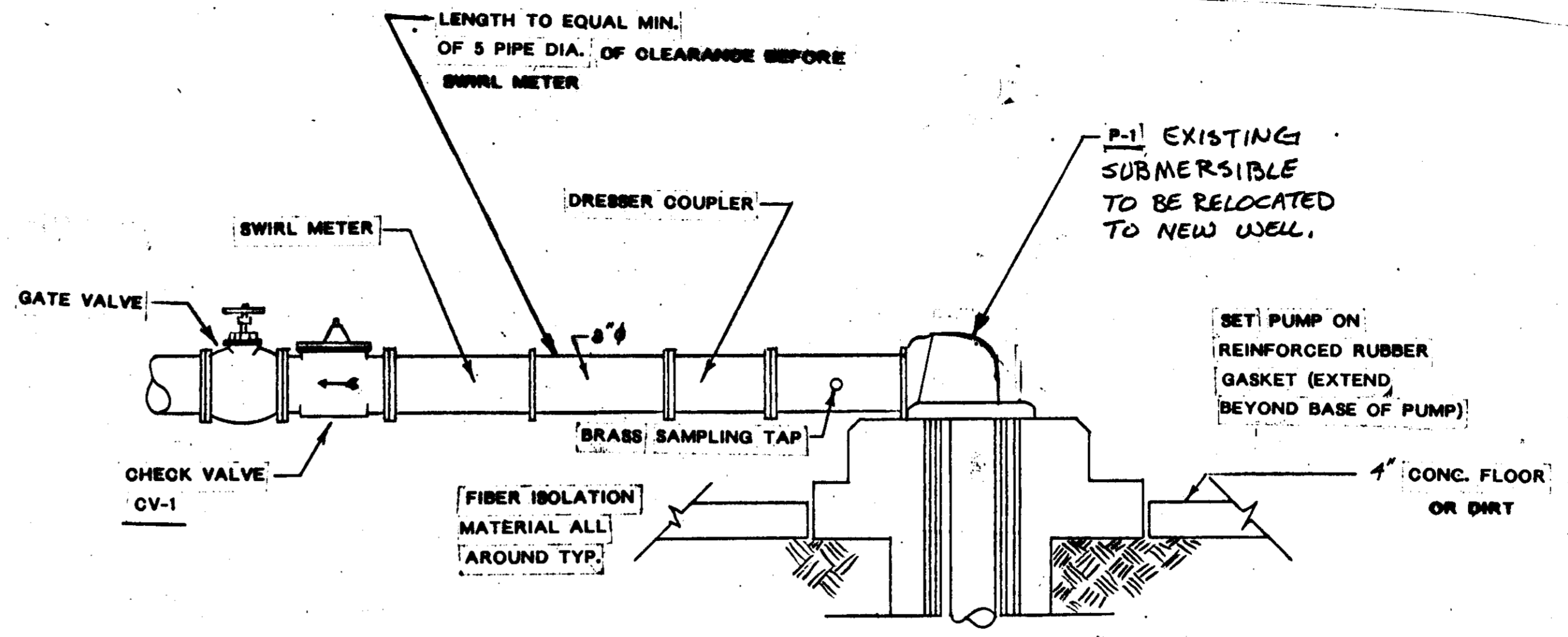
JOHN H. HANSEN RCE 26544

WELL ELECTRICAL PLAN  
HILLSIDE GREENS UNIT NO. 1  
TRACT NO. 1967  
SAN JOAQUIN COUNTY, CALIFORNIA

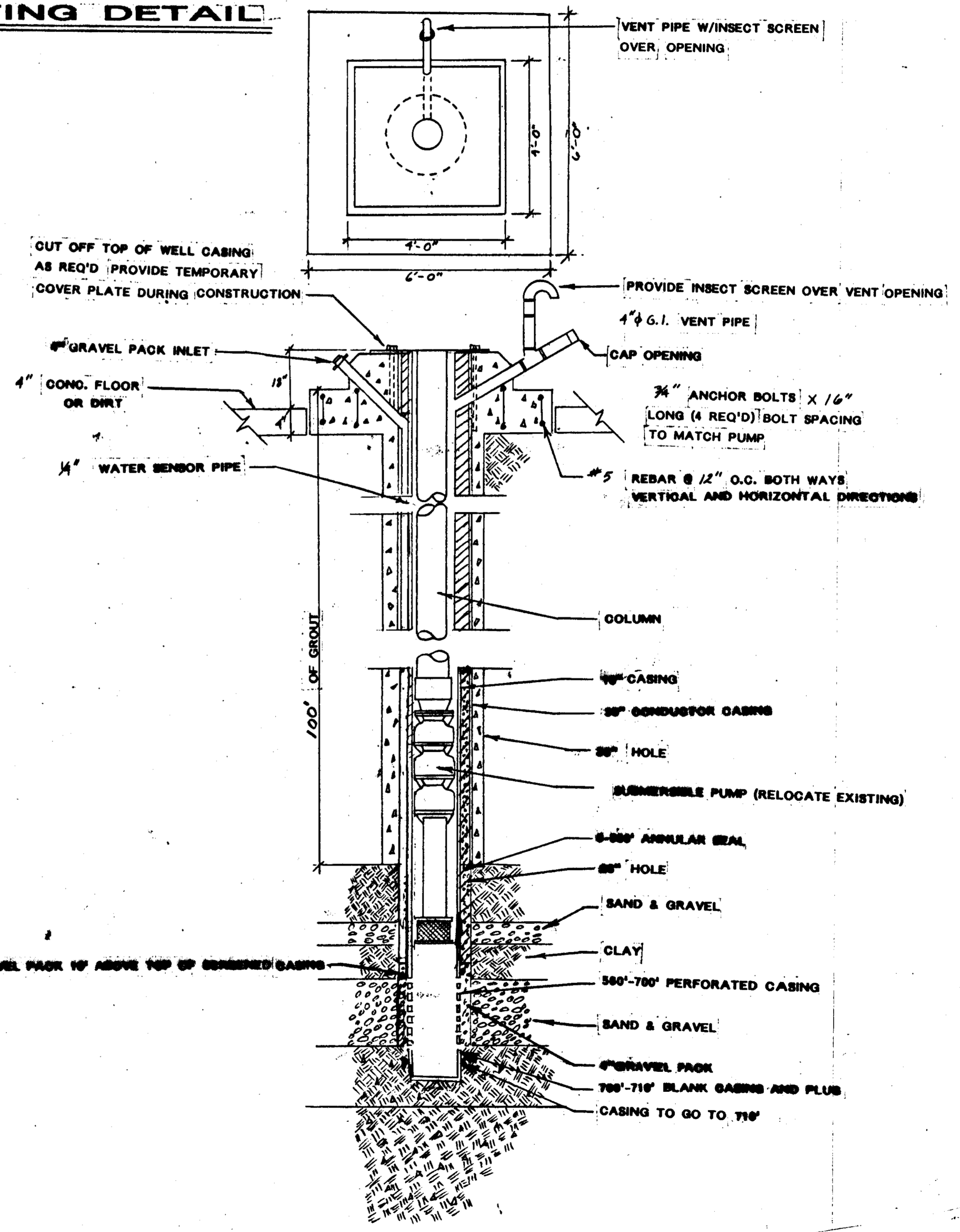
HANSEN ENGINEERING  
3012 Antonio St., Bakersfield, CA 93308  
JOHN H. HANSEN (805) 325-5252

SHEET 4 OF 5

512712



**PUMP MOUNTING DETAIL**



**NOTES**

1. WELL AND PUMP INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL HEALTH DEPARTMENT REQUIREMENTS.
2. THE INITIAL WATER SAMPLE OF THE WELL SHOULD BE TESTED FOR BOTH PHYSICAL AND CHEMICAL CHARACTERISTICS AND SHOULD BE IN CONFORMANCE WITH CALIFORNIA ADMINISTRATIVE CODE TITLE 22 AND AS INDICATED IN THIS PROJECTS SPECIFICATIONS. WATER QUALITY SHALL MEET PRIMARY AND SECONDARY STANDARDS OF TITLE 22.
3. WELL DRILLER SHALL KEEP A COMPLETE SET OF DRILLING AND DEVELOPMENT RECORDS AND OBTAIN ALL PERMITS REQUIRED FOR THE WELL. THE WELL DRILLER SHALL PROVIDE THE SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS A COMPLETE SET OF RECORDS.
4. WELL CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION WITH P.G.&E.

**AREAS OF PERFORATION**

- 0-560' BLANK CASING
- 560'-700' PERFORATED CASING
- 700'-710' BLANK CASING AND PLUG

**NOTE:**

WELL DEVELOPMENT LOGS TO BE FURNISHED TO SAN JOAQUIN PUBLIC WORKS DEPARTMENT

**WELL SECTION**

PROJECT NO.	02-012-288
JACO	
DESIGN BY	DATE
DRAWN BY	3-3-96
CHECKED BY	3-3-96
DESIGNER	JOHN H. HANSEN RCE 26544

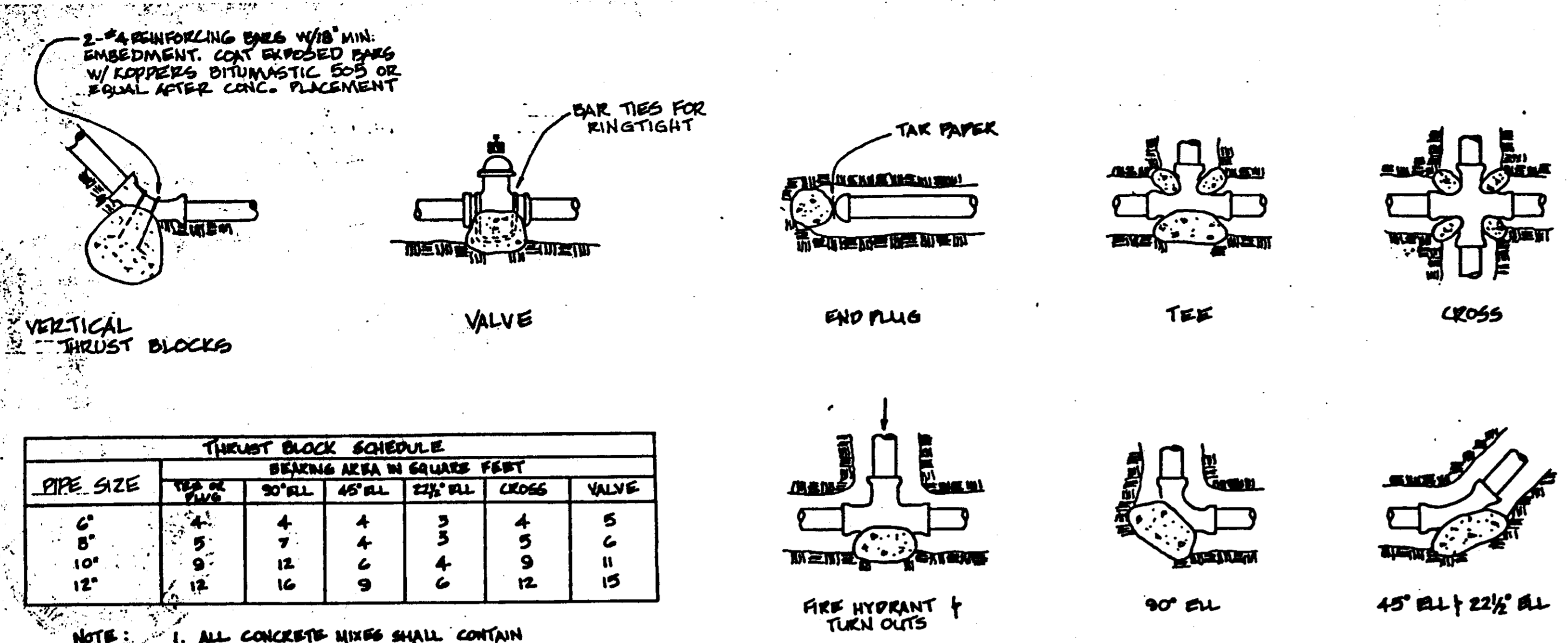
**WELL DETAILS**  
 HILLSIDE GREENS UNIT NO. 1  
 TRACT NO. 1967  
 SAN JOAQUIN COUNTY, CALIFORNIA

**JH HANSEN ENGINEERING**  
 8012 Antonino St., Bakersfield, CA 93308  
 JOHN H. HANSEN (805) 326-5262

SHEET 3 OF 5



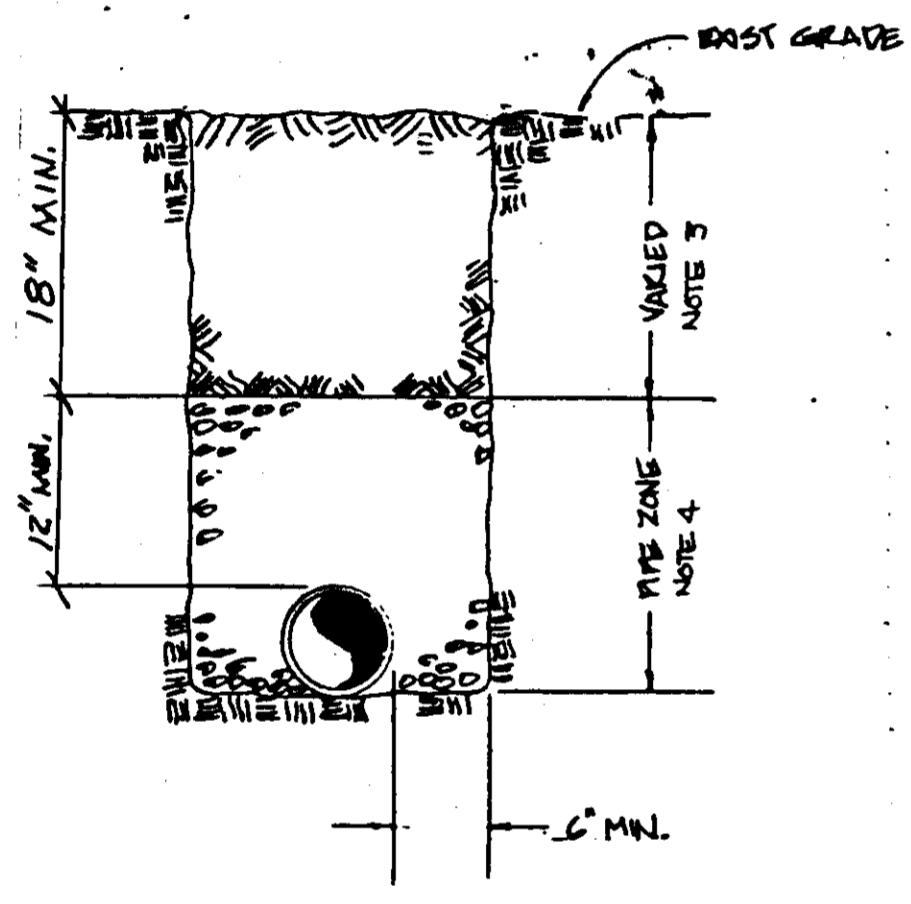
PROJECT NO. 082-012-289  
 JACO  
 DATE 2-27-73  
 REVISIONS BY JAH  
 DESIGN BY DATE  
 DRAWN BY  
 CHECKED BY JOHN H. HANSEN  
 PROJECT NO. 26544



PIPE SIZE	THRUST BLOCK SCHEDULE					
	VALVE	90° ELL	45° ELL	22 1/2° ELL	CROSS	VALVE
6"	4	4	4	3	4	5
8"	5	5	5	4	5	6
10"	6	6	6	5	6	7
12"	7	7	7	6	7	8

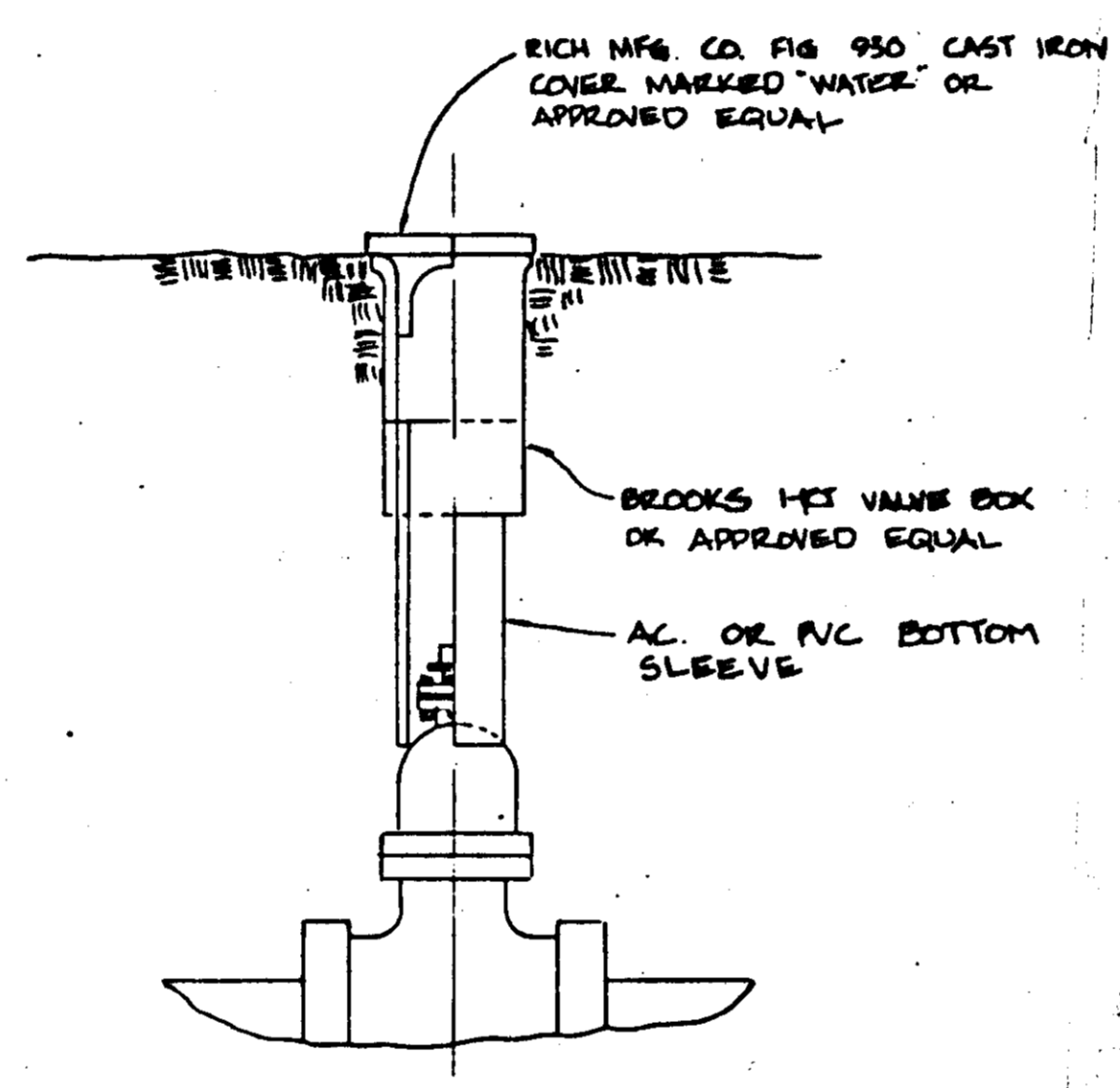
NOTE:  
 1. ALL CONCRETE MIXES SHALL CONTAIN 6 BAGS OF CEMENT  
 2. THRUST BLOCKS TO BE POURED AGAINST UNDISTURBED SOIL.

THRUST BLOCK DETAILS

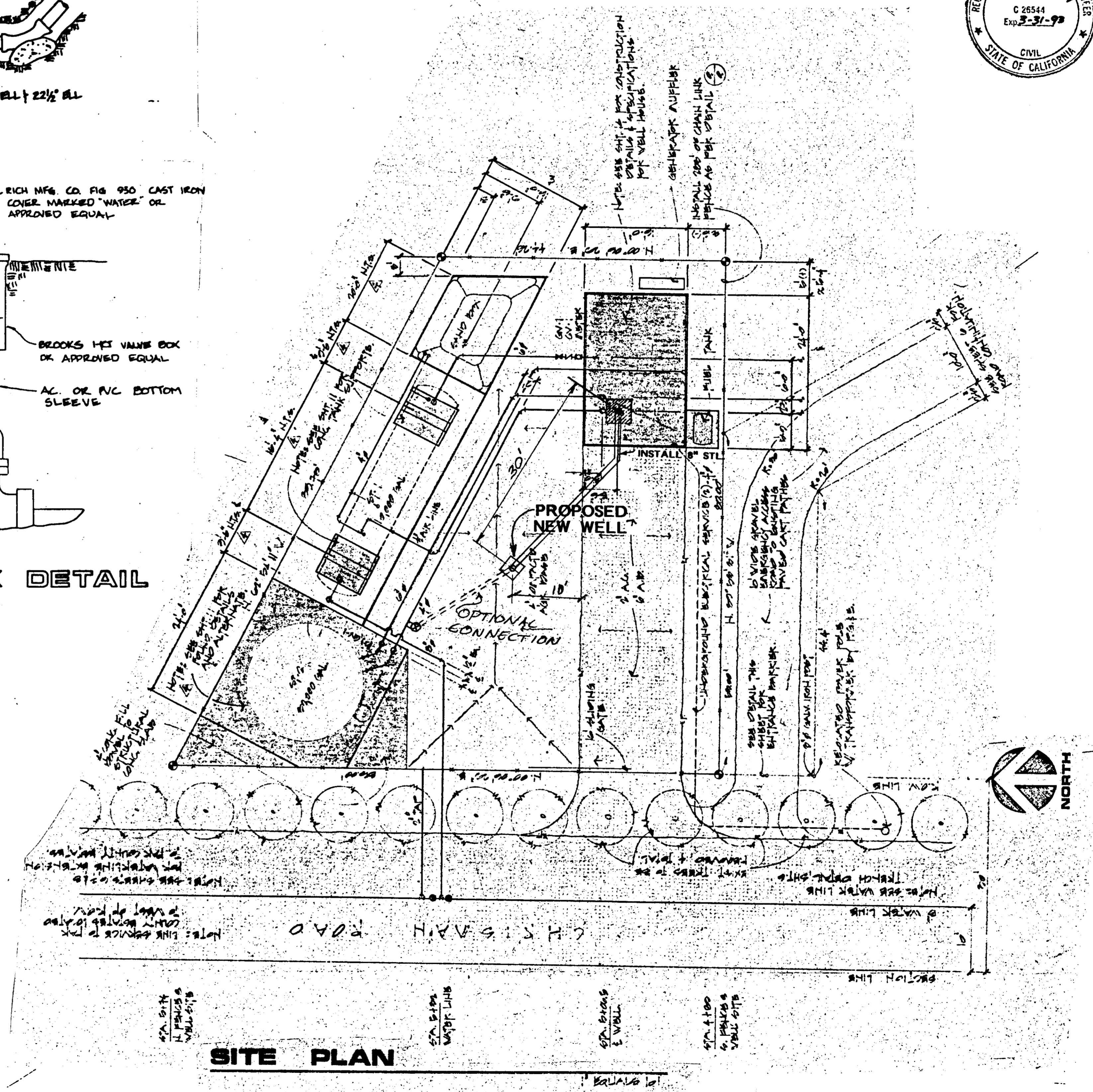


TRENCH DETAILS  
 NO SCALE

- 1- ALL BACKFILL SHALL BE PLACED & COMPACTED IN 6" MAXIMUM LIFTS
- 2- ALL BACKFILL SHALL BE FREE OF VEGETABLE MATTER & OTHER DELETERIOUS MATERIALS.
- 3- BACKFILL COMPACTED TO 95% RELATIVE COMPACTION WITH 3" MAX. GRADATION IN IMPROVED AREAS
- 4- BACKFILL COMPACTED TO 85% RELATIVE COMPACTION WITH 3/4" MAX. GRADATION. LIFTS SHALL BE PLACED SIMULTANEOUSLY ON EACH SIDE OF PIPE SO AS NOT TO DAMAGE OR DISTURB THE PIPE OR ITS GRADE OR ALIGNMENT WHERE 12" INCH MIN. OVER PIPE ZONE EXTENDS INTO NEXT ZONE NOTE 3 APPLIES



VALVE BOX DETAIL



SITE PLAN

Su2713

WELL SITE PLANS AND MECHANICAL DETAIL  
 HILLSIDE GREENS UNIT NO. 1  
 TRACT 1967  
 SAN JOAQUIN COUNTY, CALIFORNIA

**JH HANSEN ENGINEERING**  
 3072 Antonino St., Bakersfield, CA 93308  
**JOHN H. HANSEN** (805) 325-5252

**GENERAL NOTES**

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL PERMITS.
2. SEE FINAL MAP AND ORIGINAL IMPROVEMENT PLANS OF THIS SUBDIVISION FOR ADDITIONAL INFORMATION.
3. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY IN ACCORDANCE WITH THE CURRENT ISSUE OF "MANUAL OF TRAFFIC CONTROLS, WARNING SIGNS, LIGHTS AND DEVICES FOR USE IN PERFORMANCE OF WORK UPON HIGHWAYS" PUBLISHED BY THE STATE OF CALIFORNIA BUSINESS AND TRANSPORTATION AGENCY.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE.
5. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.
6. THE EXISTING UNDERGROUND UTILITIES ARE PLOTTED FROM AVAILABLE RECORDS. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THESE UTILITIES. THE CONTRACTOR SHALL DO NO EXCAVATION UNTIL ALL UTILITIES AGENCIES HAVE BEEN NOTIFIED AND HAVE BEEN GIVEN THE OPPORTUNITY TO MARK THEIR FACILITIES IN THE FIELD. \*IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES.
7. THE SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 48 HOURS IN ADVANCE OF ANY CONSTRUCTION.
8. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT THE WRITTEN AUTHORIZATION FROM J.H. HANSEN ENGINEERING.
9. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM WITH THE STANDARDS, SPECIFICATIONS, AND ORDINANCES OF SAN JOAQUIN COUNTY. STANDARD SPECIFICATIONS AND DETAILS ARE AVAILABLE AT THE SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS.
10. WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.
11. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUALLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, ENGINEER, AND COUNTY HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER, ENGINEER, OR COUNTY.

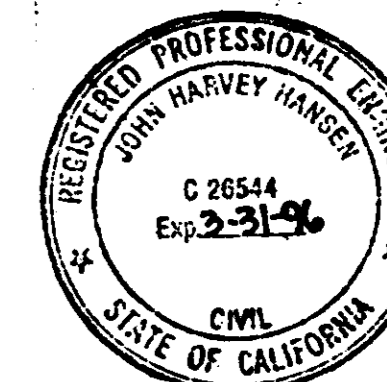
# IMPROVEMENT PLANS

FOR  
TRACT NO. 1967

SUBDIVISIONS OF SAN JOAQUIN COUNTY

# HILLSIDE GREENS UNIT NO. 1

A PORTION OF SECTION 35, T.35., R.5E., MDB & M

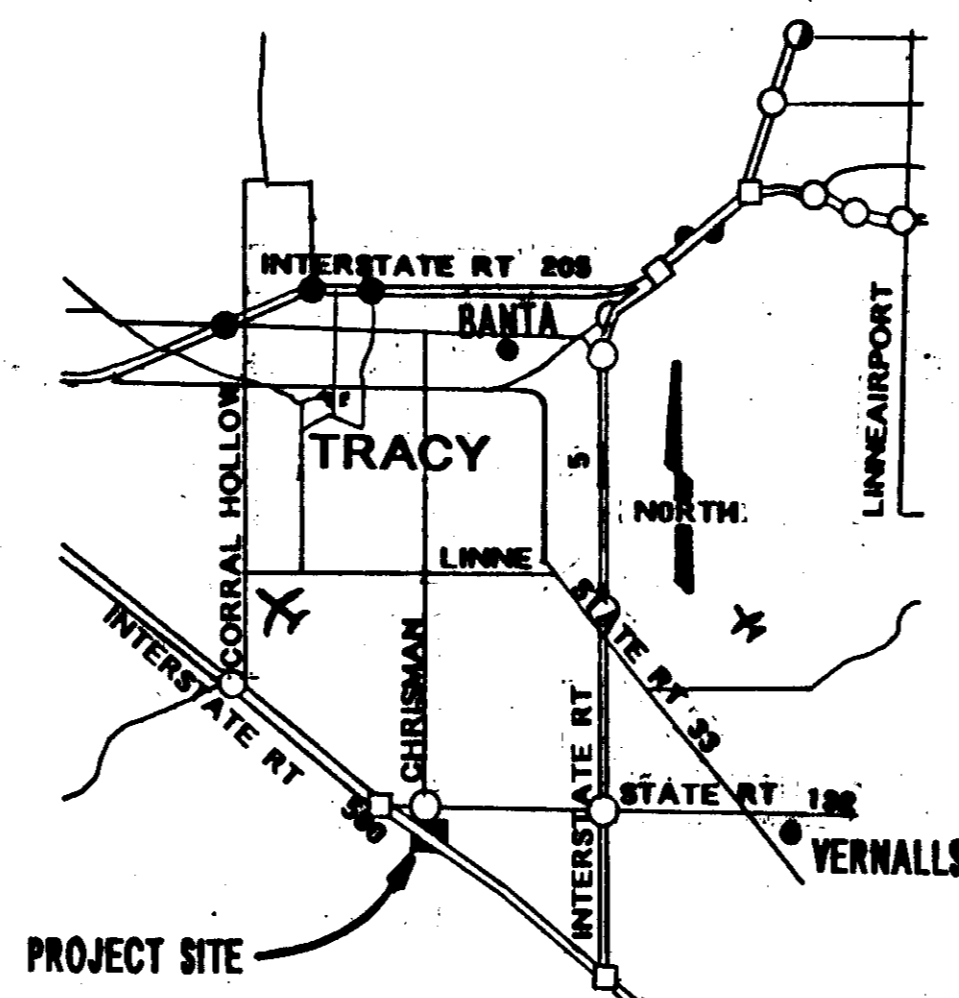
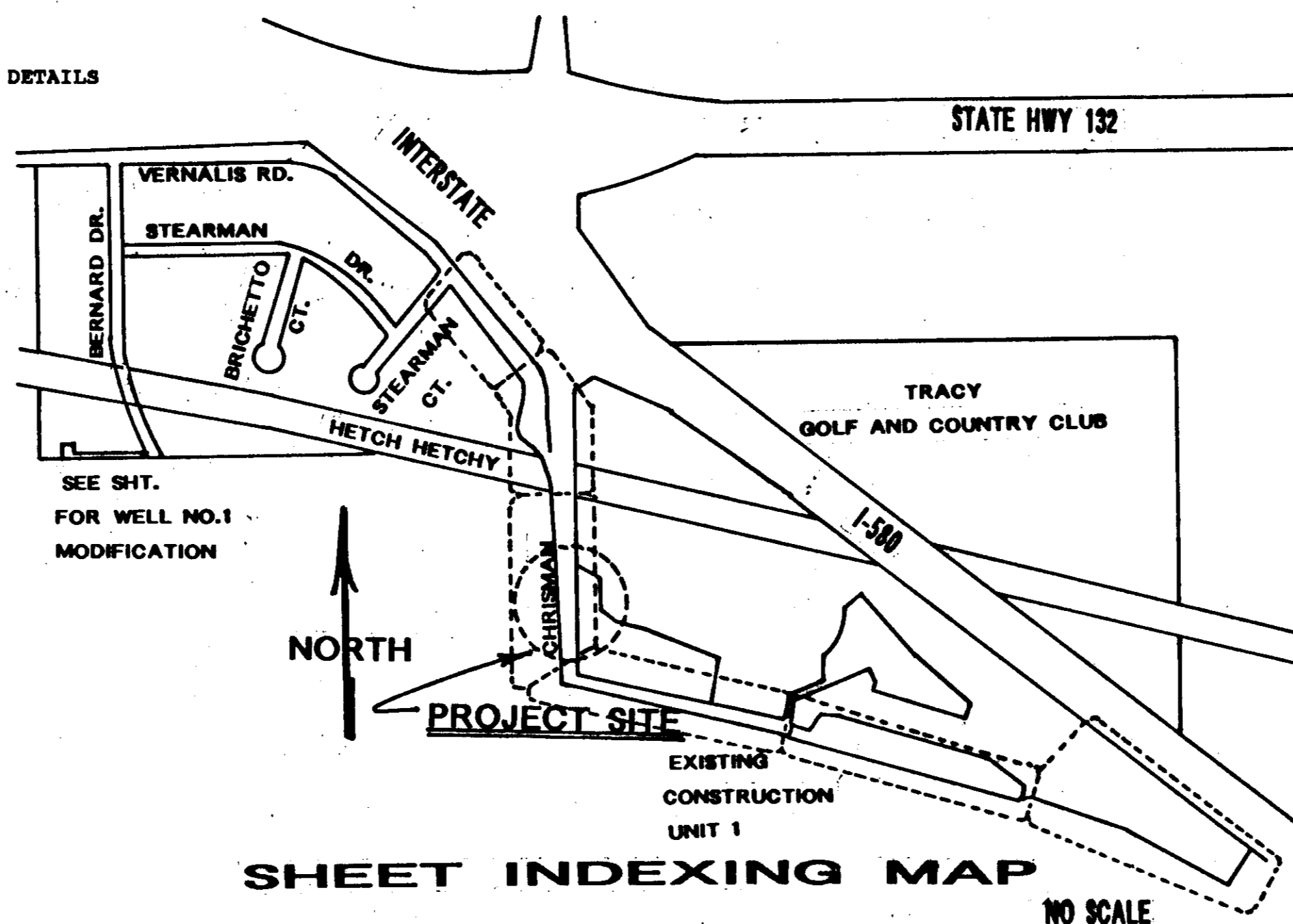


**OWNER / DEVELOPER**

JACO OIL CO.  
3101 STATE RD.  
BAKERSFIELD, CA. 93308

**SHEET INDEX**

1. TITLE SHEET
2. WELL SITE PLANS AND MECHANICAL DETAILS
3. WELL DETAILS
4. WELL ELECTRICAL PLAN
5. WELL HOUSE FLOOR PLAN AND DETAILS



**UTILITY DISTRICTS**

TELEPHONE: PACIFIC BELL TELEPHONE CO.  
ELECTRICITY: PACIFIC GAS & ELECTRIC CO.  
NATURAL GAS: PACIFIC GAS & ELECTRIC CO.  
DOMESTIC WATER: SAN JOAQUIN COUNTY SERVICE AREA 16 (ZONE A)

APPROVED: SAN JOAQUIN COUNTY, PUBLIC HEALTH SERVICES  
ENVIRONMENT HEALTH DIVISION  
*[Signature]* DATE: May 10, 1993

COUNTY OF SAN JOAQUIN	
DEPARTMENT OF PUBLIC WORKS	
APPROVED: <i>[Signature]</i>	DATE: <u>5/10/93</u>
DIRECTOR OF PUBLIC WORKS R.C.E. NO. <u>21258</u>	
APPROVED REVISION	
DATE	

PROJECT NO. CB2-012-283 JACO

DESIGN BY: JHH DATE: 3-1-93  
DRAWN BY: DJH DATE: 2-4-93  
CHECKED BY: JHH DATE: 2-4-93  
JOHN H. HANSEN RCE 26544

TITLE SHEET  
HILLSIDE GREENS UNIT NO. 1  
TRACT NO. 1967

SAN JOAQUIN COUNTY, CALIFORNIA

SHEET 1 OF 5

SHTS