



SECTION H

LAKEVIEW LIFT STATION **AS-BUILTS**

LAKEVIEW LIFT STATION **RENOVATION PROJECT**

FOR

COMMUNITY SERVICES AREA 64
SPRING VALLEY LAKE, CA.

PROJECT NO.: 30.30.0023

IMPROVEMENT PLANS

FOR

SAN BERNARDINO COUNTY SPECIAL DISTRICTS

COUNTY SERVICE AREA 64

LAKE VIEW LIFT STATION

GENERAL NOTES:

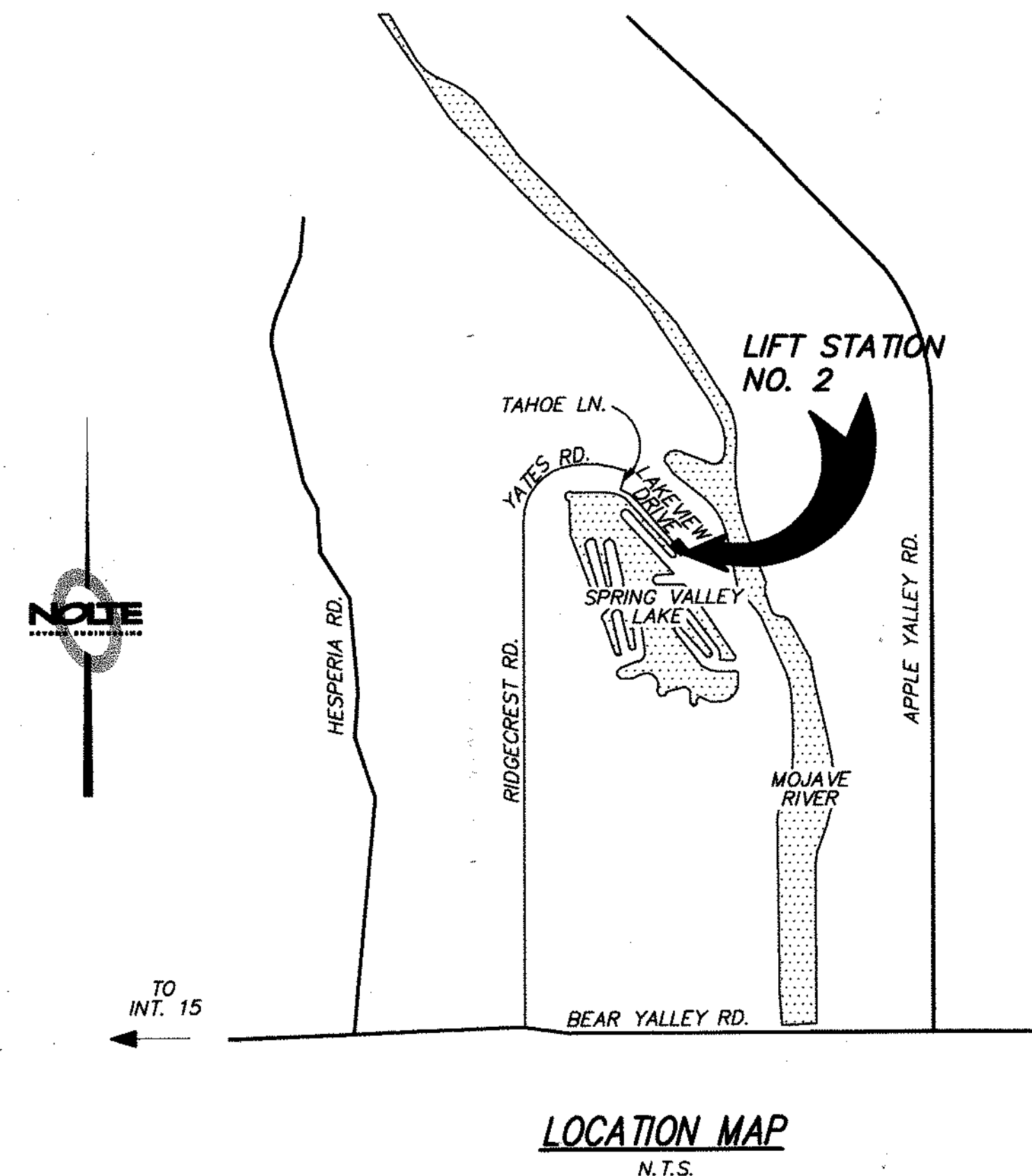
1. THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NONEXISTENCE OF ANY UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT DOES NOT CONSTITUTE RESPONSIBILITY BY THE ENGINEER.
2. ALL WORK SHALL CONFORM TO SPECIFICATIONS AND RULES & REGULATIONS OF SAN BERNARDINO COUNTY SERVICE AREA NO. 64, THESE PLANS AND SPECIFICATIONS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS OPERATIONS WITH OTHER CONTRACTORS AND UTILITY COMPANIES IN THE CONSTRUCTION AREA.
4. THE CONTRACTOR SHALL NOTIFY THE COUNTY SERVICE AREA ENGINEER, AND INSPECTOR ONE WEEK IN ADVANCE OF WHEN HE PLANS TO START CONSTRUCTION. AT THAT TIME OR ANY SUCH TIME PRIOR TO THAT AS MAY BE SPECIFIED BY THE ENGINEER, THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF HIS WORK SHOWING PRINCIPAL OPERATIONS AND THEIR ESTIMATED STARTING DATES. WHEN INSPECTIONS OR ENGINEERING JUDGEMENTS BECOME NECESSARY AS SET FORTH IN THE SPECIFICATIONS, THE CONTRACTOR SHALL GIVE AT LEAST TWENTY FOUR (24) HOURS NOTICE TO THE COUNTY SERVICE AREA ENGINEER.
5. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE ENGINEER.

PROJECT NOTES:

1. THE CONTRACTOR SHALL ENFORCE ALL SAFETY MEASURES. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS, AND REGULATIONS.
2. CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL OCCUR CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MONUMENTATION AND/OR BENCHMARKS WHICH MAY BE DISTURBED OR DESTROYED BY CONSTRUCTION. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE MONUMENTATION BY A LICENSED LAND SURVEYOR OR A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED BY THE LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER AS REQUIRED BY THE LAND SURVEYORS ACT.
4. CONTRACTOR SHALL PREVENT DEBRIS FROM ENTERING SPRING VALLEY LAKE DURING CONSTRUCTION.
5. CONTRACTOR SHALL REPLACE OR REPAIR IN KIND ALL HARDSCAPE, LANDSCAPE, IRRIGATION, PAVEMENT, STRIPING, HEADWALLS, ETC.
6. THE CONTRACTOR SHALL ENSURE THAT CONTINUOUS SEWER AND WATER SERVICES ARE PROVIDED DURING CONSTRUCTION OF THESE IMPROVEMENTS TO ALL FACILITIES SERVED BY THE WATER AND SEWER LINES.
7. ALL MATERIAL WHICH IS NOT SUITABLE FOR USE ON THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A MANNER, AND AT A LOCATION ACCEPTABLE TO ALL COGNIZANT AGENCIES, AT CONTRACTOR'S OWN COST.
8. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE AND SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES RESULTING DIRECTLY OR INDIRECTLY FROM HIS OPERATIONS, WHETHER OR NOT SUCH FACILITIES ARE SHOWN ON THESE PLANS.
9. SHOULD THE PROJECT REQUIRE ANY ROAD WORK/REPAIR DURING CONSTRUCTION FROM EQUIPMENT, THE CONTRACTOR SHALL REPAIR THE ROAD PER COUNTY TRANSPORTATION DEPARTMENT (SEE SPECIFICATIONS).

BOARD OF SUPERVISORS:

PAUL BIANE, CHAIRMAN
GARY OVITT, VICE CHAIRMAN
DENNIS HANSBERGER
BRAD MITZELFELT
JOSIE GONZALES

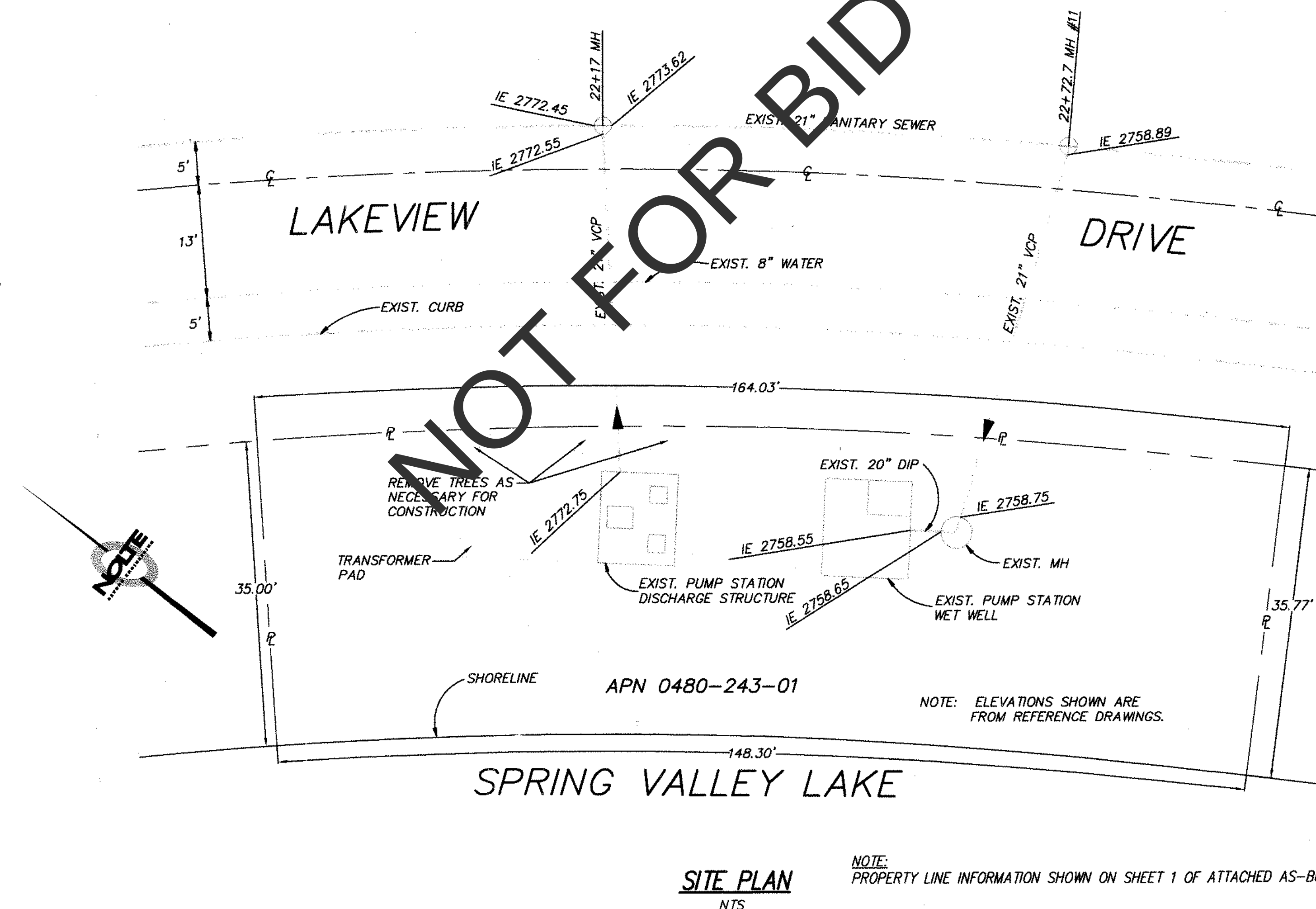


INDEX OF DRAWINGS:

TITLE	SHEET NUMBER
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ELECTRICAL PLANS & DIAGRAMS	3

REFERENCE DRAWINGS:

TITLE	SHEET NUMBER
LIFT STATION 2, SITE PLAN, VICINITY MAP & LOCATION MAP	1
LIFT STATION 2, PLAN SECTIONS AND DETAILS	2
LIFT STATION 2, STRUCTURAL DETAILS	3
LIFT STATION 2, ELECTRICAL DETAILS	4



CALL BEFORE YOU DIG - AT LEAST 2 DAYS IN ADVANCE 1-800-227-2600

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DESIGNER:	CLG	PROJ. MGR:	JFA

NO.	BY	DATE	REVISIONS:
1	CLG	6/15/07	DATE
2	CLG	6/14/07	DATE

APPROVED BY: *Gary Martin*
GARY MARTIN, DIVISION ENGINEER

NOLTE
BEYOND ENGINEERING

15070 AVENUE OF SCIENCE, SUITE 100
SAN DIEGO, CA 92128
858.385.0500 TEL. 858.385.0400 FAX

SAN DIEGO, CA 92128
WWW.NOLTE.COM

COUNTY OF SAN BERNARDINO
SPECIAL DISTRICTS DEPARTMENT

COUNTY SERVICE AREA 64

157 W. 5TH ST. 2ND FLOOR
SAN BERNARDINO, CA 92415

LAKE VIEW LIFT STATION
TITLE SHEET & NOTES

SHEET NUMBER	1
OF	3
SCALE	1" = N/A
VERTICAL	1" = N/A
HORIZONTAL	1" = N/A
JOB NUMBER	SDB025602

GENERAL NOTES:

1. NOTIFY THE OWNER OF ANY DISCREPANCIES FOUND BEFORE PROCEEDING WITH THE WORK
2. THE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY SITE CONDITIONS NOT REFLECTED ON THE DRAWINGS; OF DISCREPANCIES IN MIN. DIMENSIONS INDICATED, SUCH AS GREATER RETAINED EARTH HEIGHTS, CONFLICT IN GRADES, EXTENTS OF BAD SOIL, HEIGHT OF GROUND WATER, DEPTHS OF FOUNDATIONS, ETC., AND ESPECIALLY OF UNCOVERED AND UNEXPECTED UTILITY LINES
3. DIMENSIONS, LOCATIONS AND SIZES OF OPENINGS IN FLOORS AND WALLS SHALL BE COORDINATED BY THE CONTRACTOR WITH ALL APPLICABLE DRAWINGS. ALL PENETRATIONS MAY NOT BE INDICATED ON STRUCTURAL DRAWINGS
4. ALL WORK NOT DETAILED OR NOTED SHALL BE CONSTRUCTED IN ACCORDANCE WITH OTHER SIMILAR WORK SHOWN ON THE DRAWINGS AND ON TYPICAL DETAILS.
5. NO PIPES OR DUCTS SHALL BE PLACED IN SLABS OR WALLS UNLESS SPECIFICALLY DETAILED OR APPROVED BY THE OWNER
6. DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION INCLUDING DEWATERING, SHORING, FORMING, AND TEMPORARY BRACING. HE SHALL UNDERTAKE ALL NECESSARY MEASURES TO INSURE SAFETY OF ALL PERSONS AND STRUCTURES AT THE SITE. OBSERVATION VISITS TO THE SITE BY THE OWNER SHALL NOT INCLUDE REVIEW OF THESE MEASURES.
7. UNLESS OTHERWISE SHOWN, LOCATION OF ALL CONSTRUCTION JOINTS SHALL HAVE THE APPROVAL OF THE ENGINEER. IN FLUID RETAINING STRUCTURES, PVC WATERSTOPS SHALL BE PROVIDED IN ALL CONSTRUCTION JOINTS.

REINFORCING STEEL

1. DETAILING, FABRICATION AND PLACEMENT OF REINFORCING BARS (UNLESS OTHERWISE NOTED) MUST FOLLOW THE A.C.I. MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, A.C.I. 315 LATEST EDITION.
2. ALL REINFORCING BARS SHALL CONFORM TO THE STANDARD SPECIFICATION FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT, ASTM DESIGNATION A615-85: GRADE 60 EXCEPT #3 RE-BARS SHALL BE GRADE 40.
3. LAP ALL SPLICES IN CONCRETE AS "CLASS B" SPLICES MINIMUM, UNLESS OTHERWISE SHOWN.
4. REINFORCING STEEL SHALL HAVE A MINIMUM CONCRETE COVER AS TABULATED BELOW UNLESS OTHERWISE NOTED.
A. FOOTINGS AND SLABS CAST AGAINST EARTH 3-IN.
B. WALLS EXPOSED TO SOIL 2-IN.
5. WHERE CONTINUOUS BARS ARE CALLED OUT, PROVIDE CONTACT SPLICES (AS REQUIRED) IN ACCORDANCE WITH REINFORCING STEEL NOTE NO. 3.
6. WELDING OF MILD STEEL SHALL BE PROHIBITED.
7. BOTTOM STEEL OF SLABS, FOOTINGS AND GRADE BEAMS SHALL BE SUPPORTED OFF OF THE EARTH OR FORMS BY PRECAST CONCRETE BLOCKS WIRE TIED TO THE REINFORCEMENT.

CONCRETE

1. CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 19 OF THE UBC, 1997 EDITION.
2. ALL REINFORCING BARS, ANCHOR BOLTS AND INSERTS SHALL BE WELL SECURED PRIOR TO POURING CONCRETE.
3. STRUCTURAL CONCRETE COMPRESSIVE DESIGN STRENGTH AT 28 (f'c) DAYS SHALL BE AS FOLLOWS:
ALL - 2500 PSI (SPECIAL INSPECTION NOT REQUIRED)
4. ALL EXPOSED CONCRETE EDGES SHALL HAVE 3/4" CHAMFER.

SOIL & FOUNDATIONS

1. CHARACTER OF SOIL: COMPRESSIBLE ALLUVIAL SOILS
2. ALLOWABLE SOIL BEARING PRESSURE: N/A
3. NO CONCRETE OR REBAR SHALL BE PLACED IN ANY FOUNDATION UNTIL THE EXCAVATION HAS BEEN INSPECTED BY THE OWNER.

REFERENCE DRAWINGS:

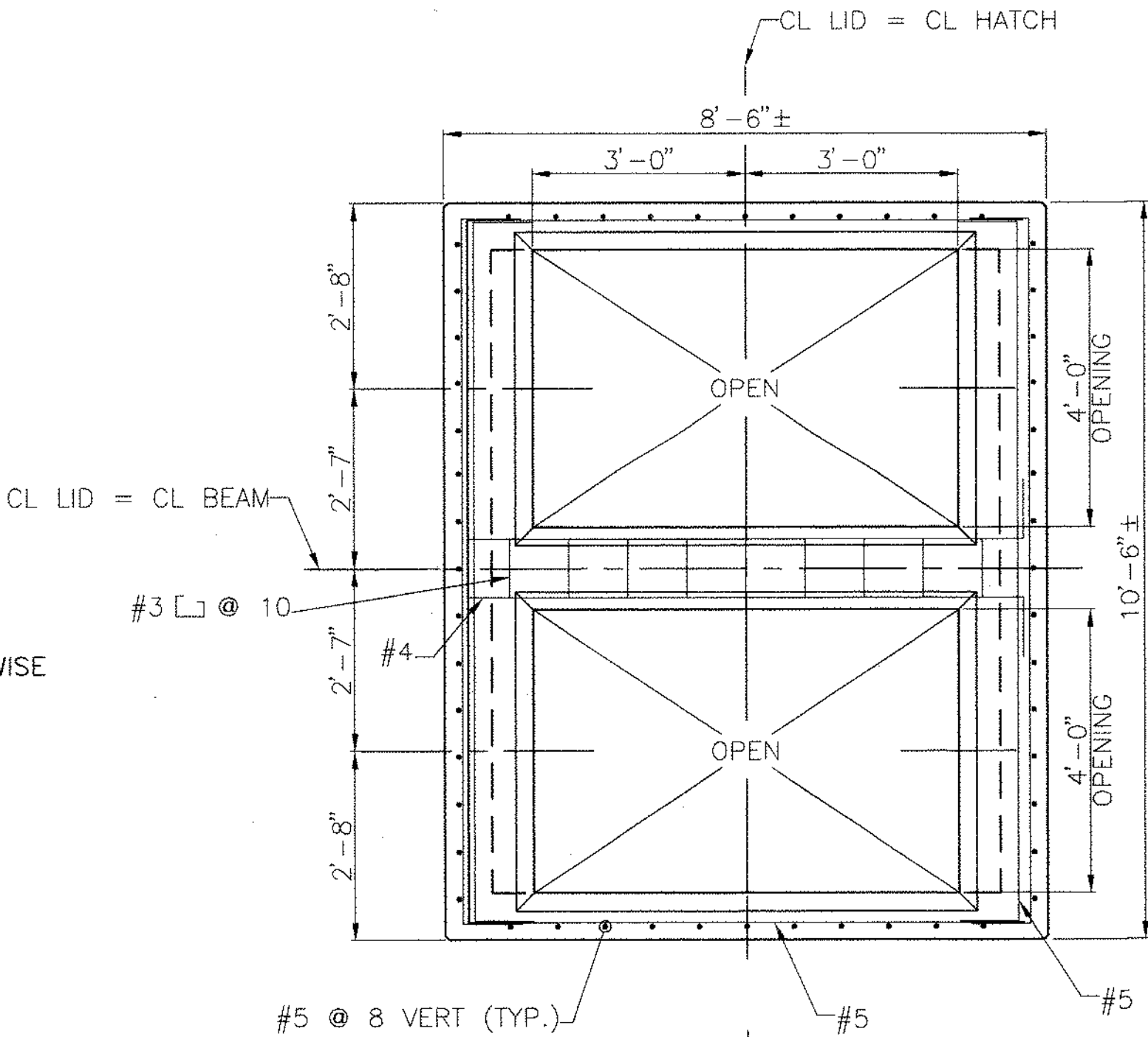
1. FOR REINFORCEMENT DETAILS OF EXISTING WETWELL SEE REFERENCE DRAWING SHEETS.

DEMOLITION:

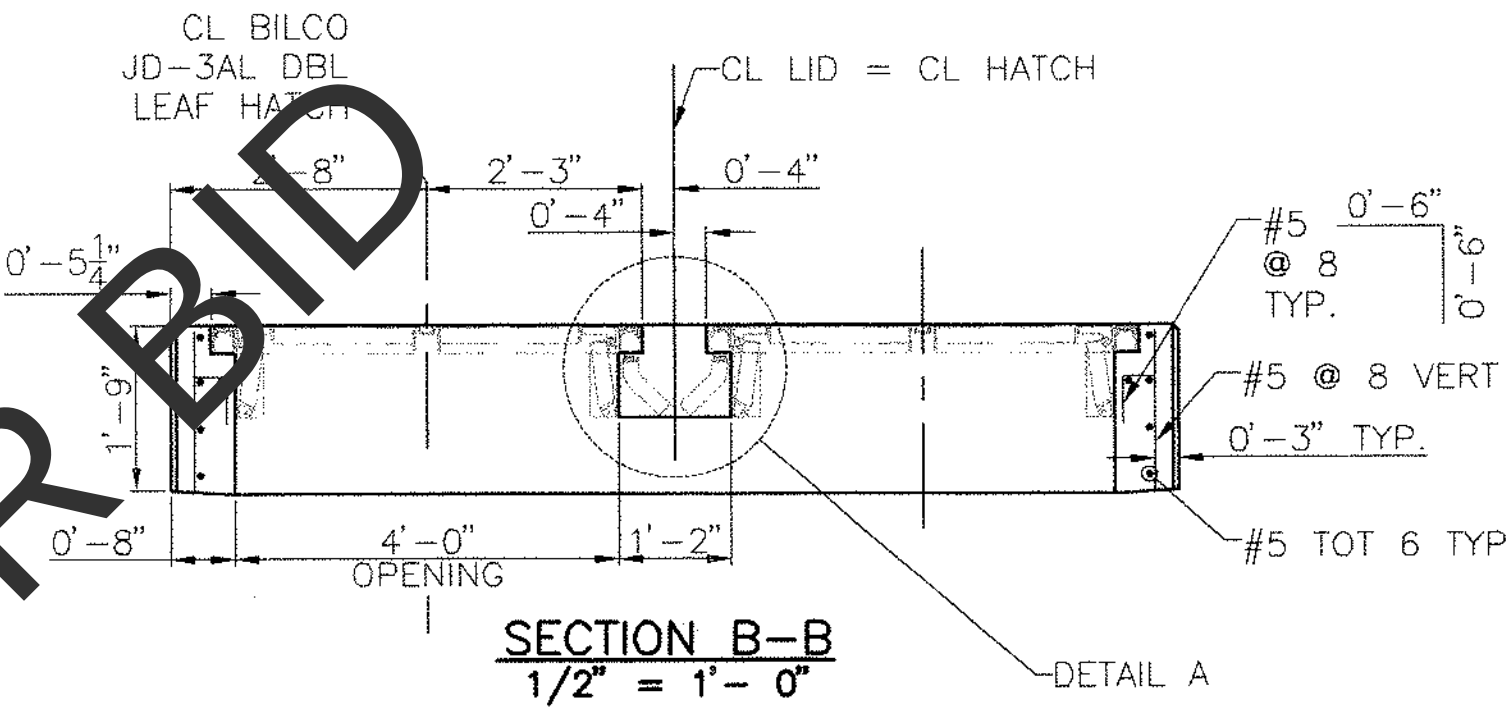
1. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING REMOVABLE CONCRETE TOP STRUCTURE AS IDENTIFIED ON REFERENCE DRAWING SHEET 3, VERTICAL SECTION-UPPER END.

ABBREVIATIONS

AB	ANCHOR BOLT
ALUM	ALUMINUM
C L	CENTERLINE
CLR	CLEAR
CONC	CONCRETE
CONT	CONTINUOUS
EF	EACH FACE
EMB	EMBEDMENT
EW	EACH WAY
EXIST	EXISTING
FS	FAR SIDE
GALV.	GALVANIZED
MTL	MATERIAL
MAX	MAXIMUM
MIN.	MINIMUM
N.T.S.	NOT TO SCALE
NS	NEAR SIDE
T & B	TOP AND BOTTOM
TOT	TOTAL
O.C.	ON CENTER
(TYP.)	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
WS	WATER STOP
W/	WITH
Ø	DIAMETER

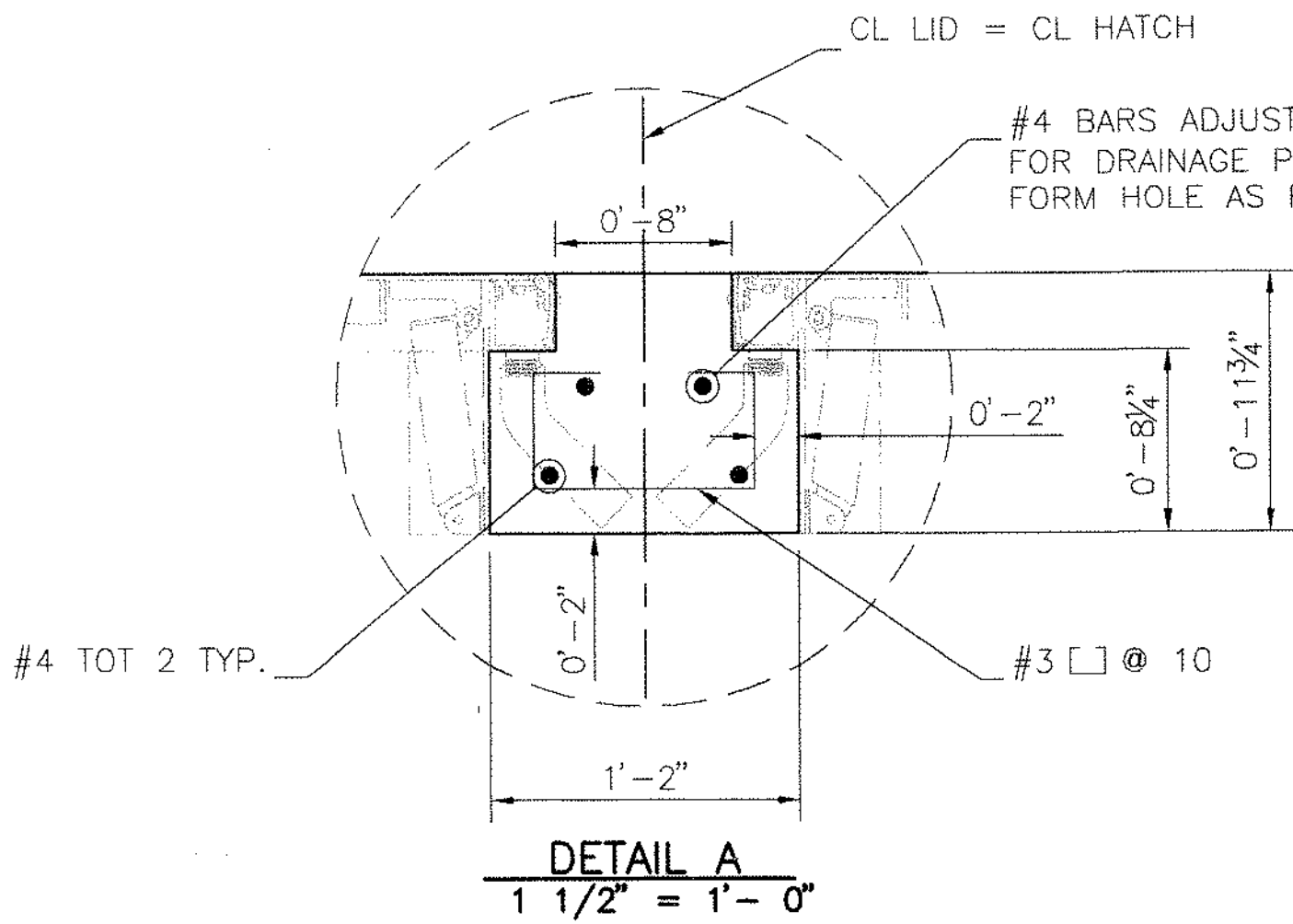


ROOF SLAB
1/2" = 1'-0"

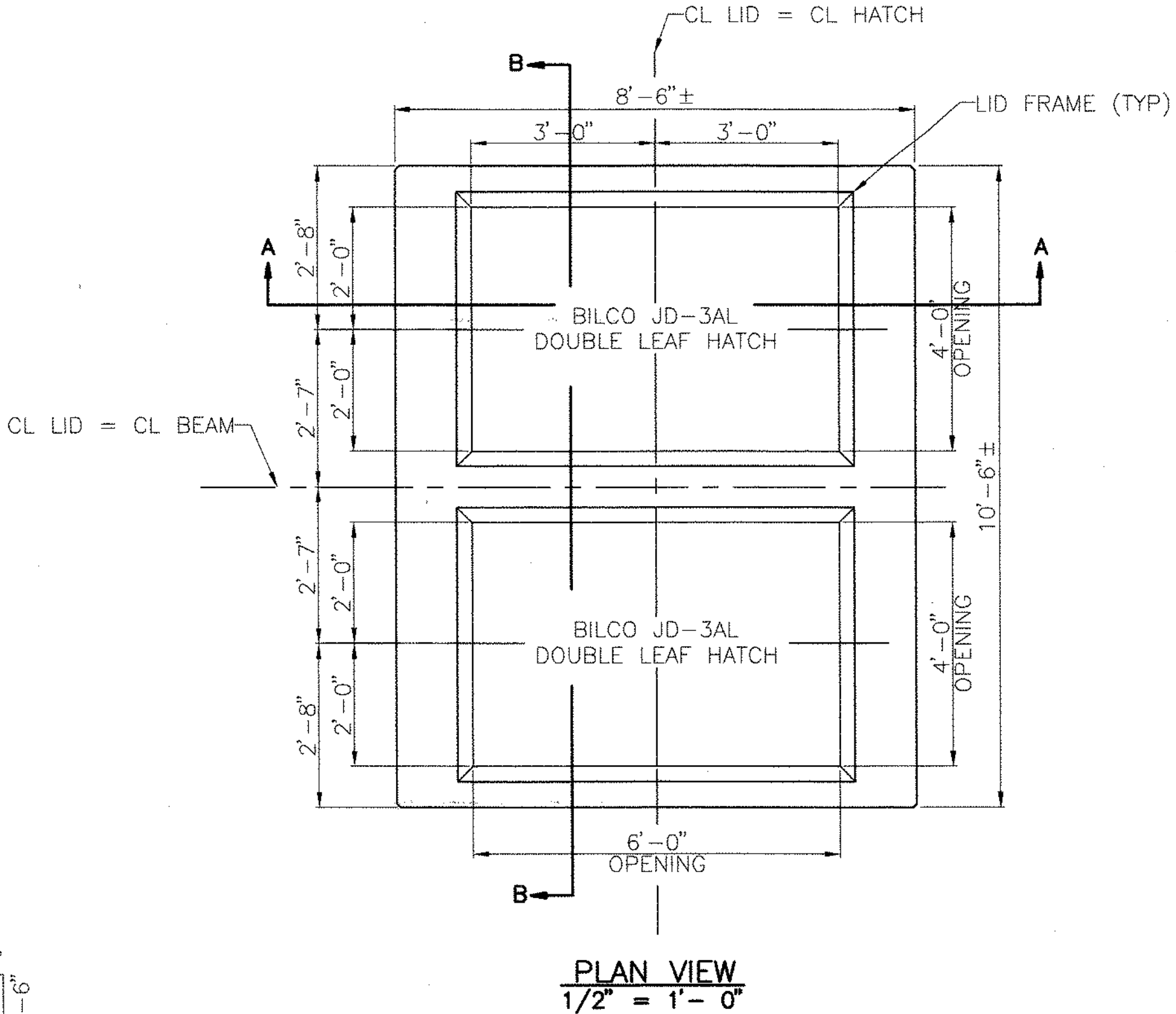


SECTION B-B
1/2" = 1'-0"

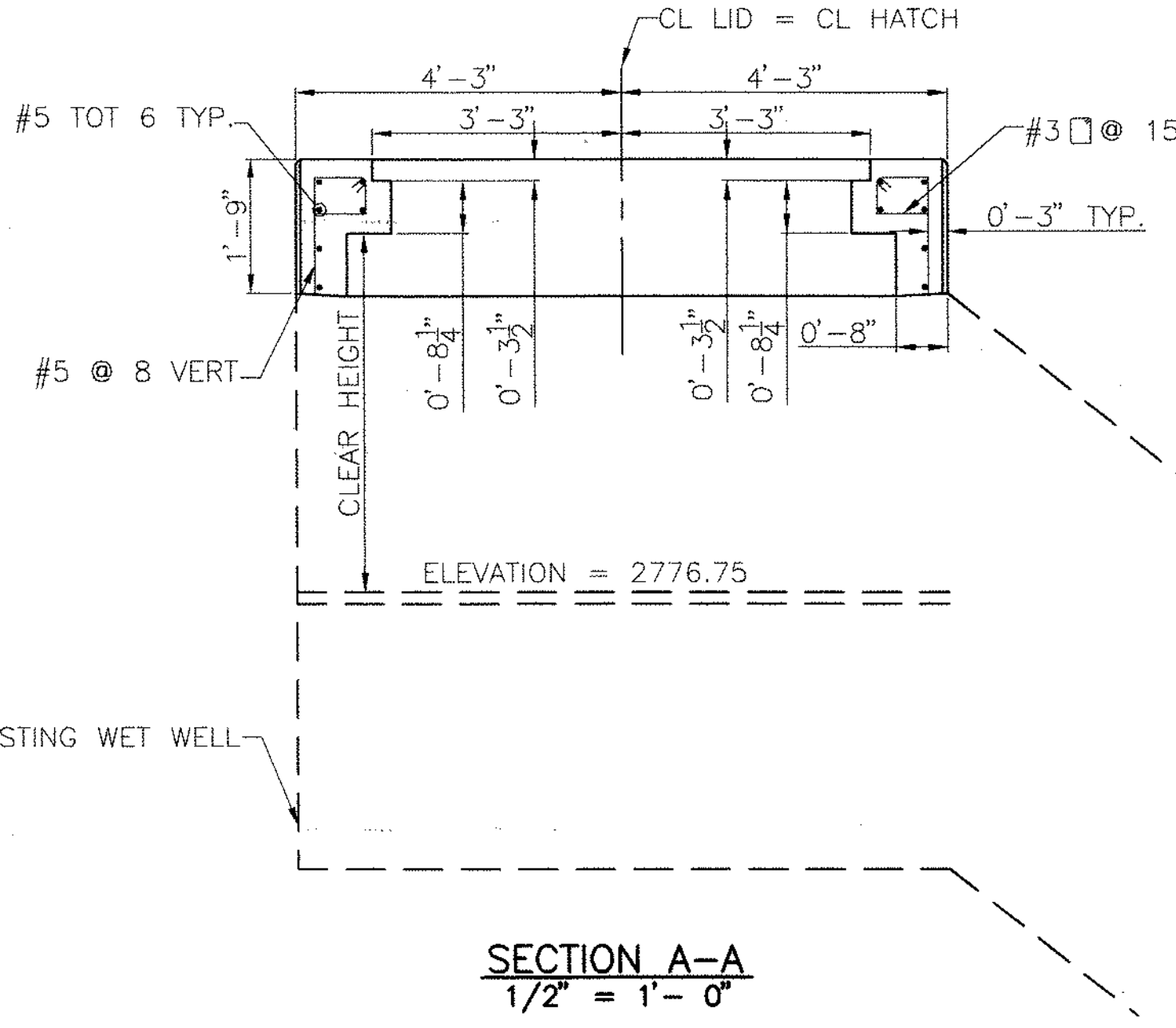
- NOTES:
1. REINFORCEMENT SYMMETRICAL ABOUT BEAM CL.
 2. SEE SPECIFICATION SECTION 08310 FOR HATCH AND LOCKING INFORMATION.



DETAIL A
1 1/2" = 1'-0"



PLAN VIEW
1/2" = 1'-0"



SECTION A-A
1/2" = 1'-0"



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1-800-227-2600

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COUNTY OF SAN BERNARDINO - SPECIAL DISTRICTS DEPARTMENT
COUNTY SERVICE AREA 64

APPROVED BY: *James P. Davis*
JIM DAVIS, ENGINEERING MANAGER
DATE: 6/15/07

Gary Martin
GARY MARTIN, LICENSED ENGINEER
DATE: 5/14/07

NOLTE
BEYOND ENGINEERING

15070 AVENUE OF SCIENCE, SUITE 100
SAN DIEGO, CA 92128
658.385.0500 TEL 658.385.0400 FAX
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COUNTY SERVICE AREA 64

COUNTY OF SAN BERNARDINO
SPECIAL DISTRICTS DEPARTMENT

157 W. 5TH ST. 2ND FLOOR
SAN BERNARDINO, CA 92415

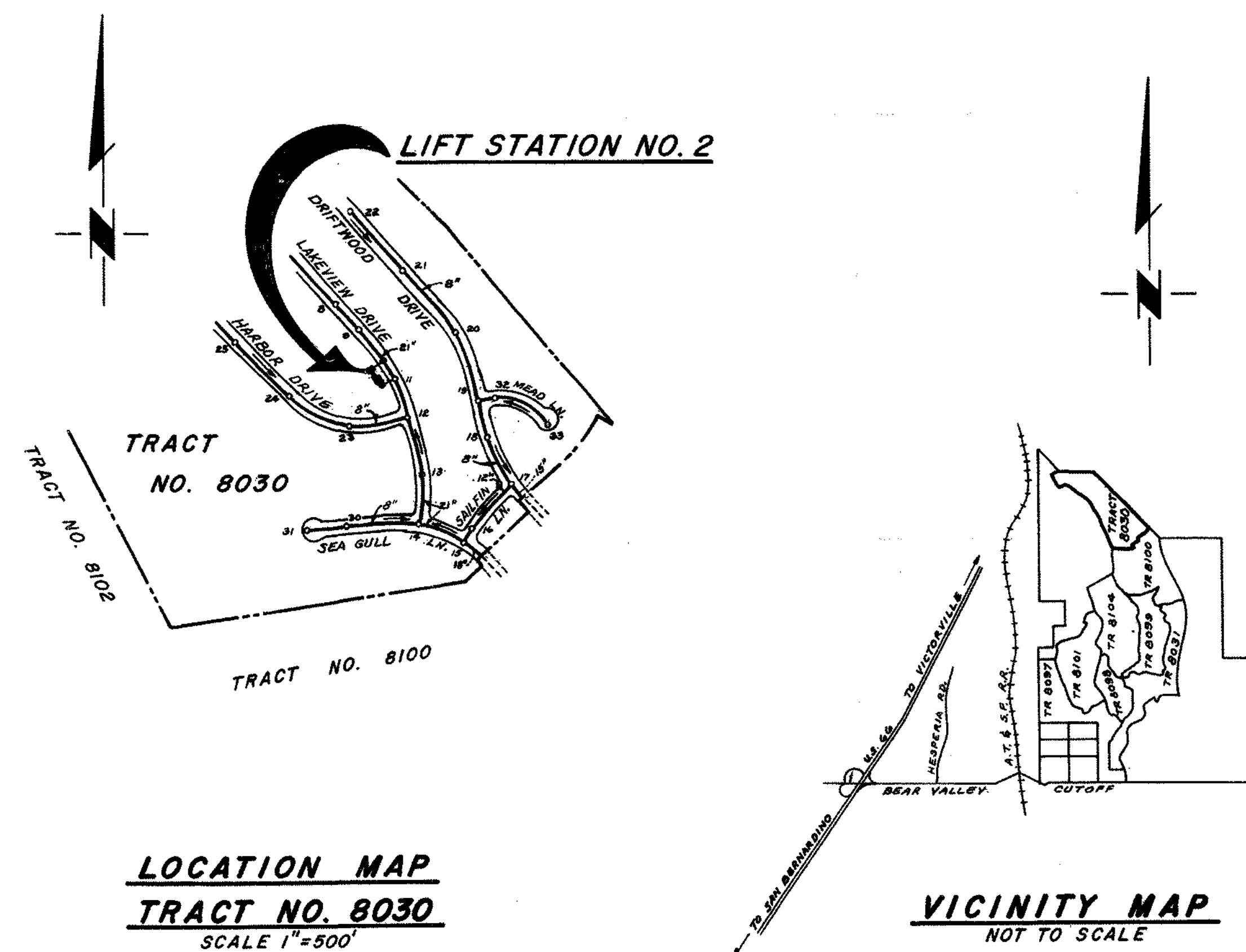
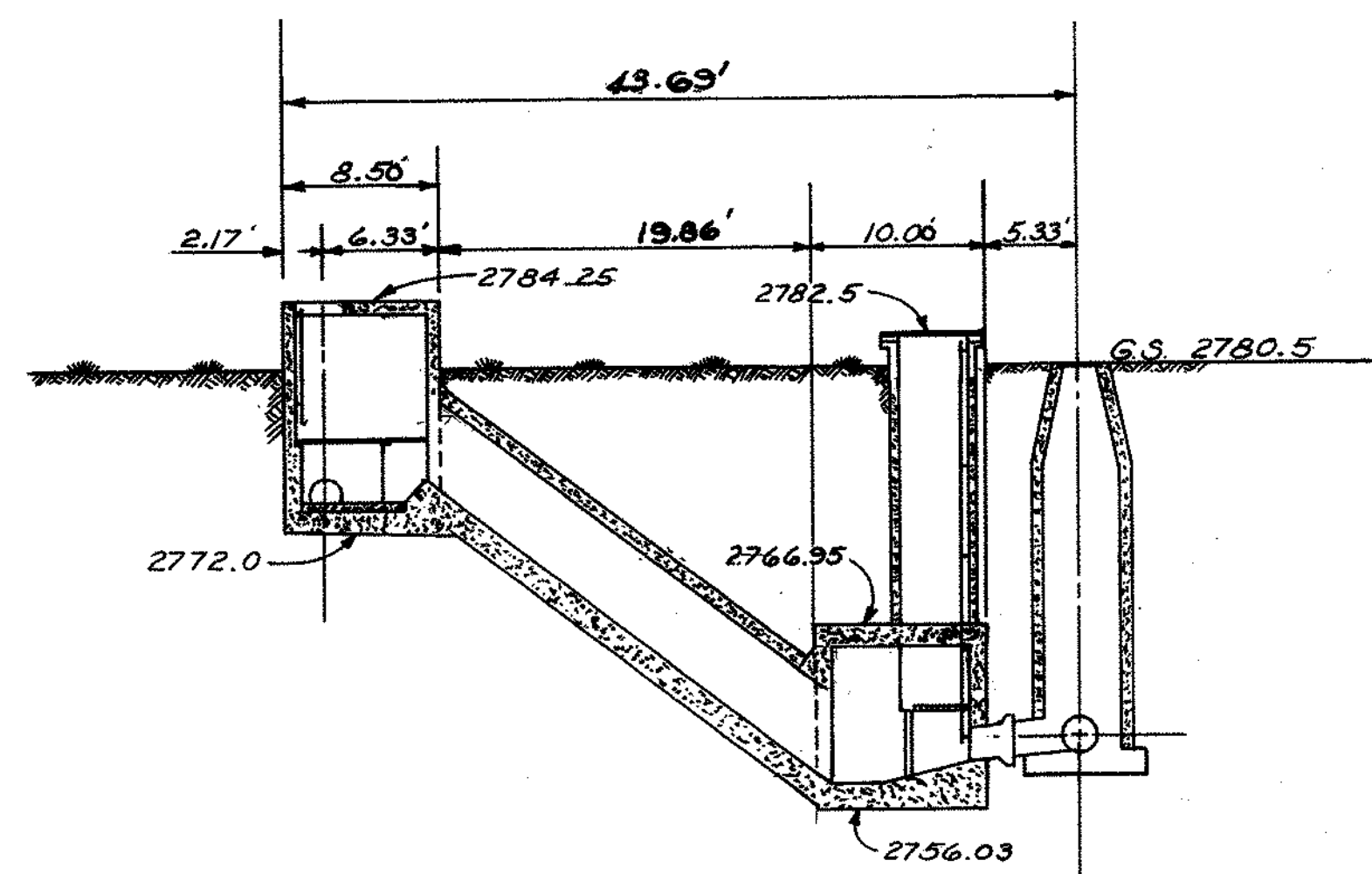
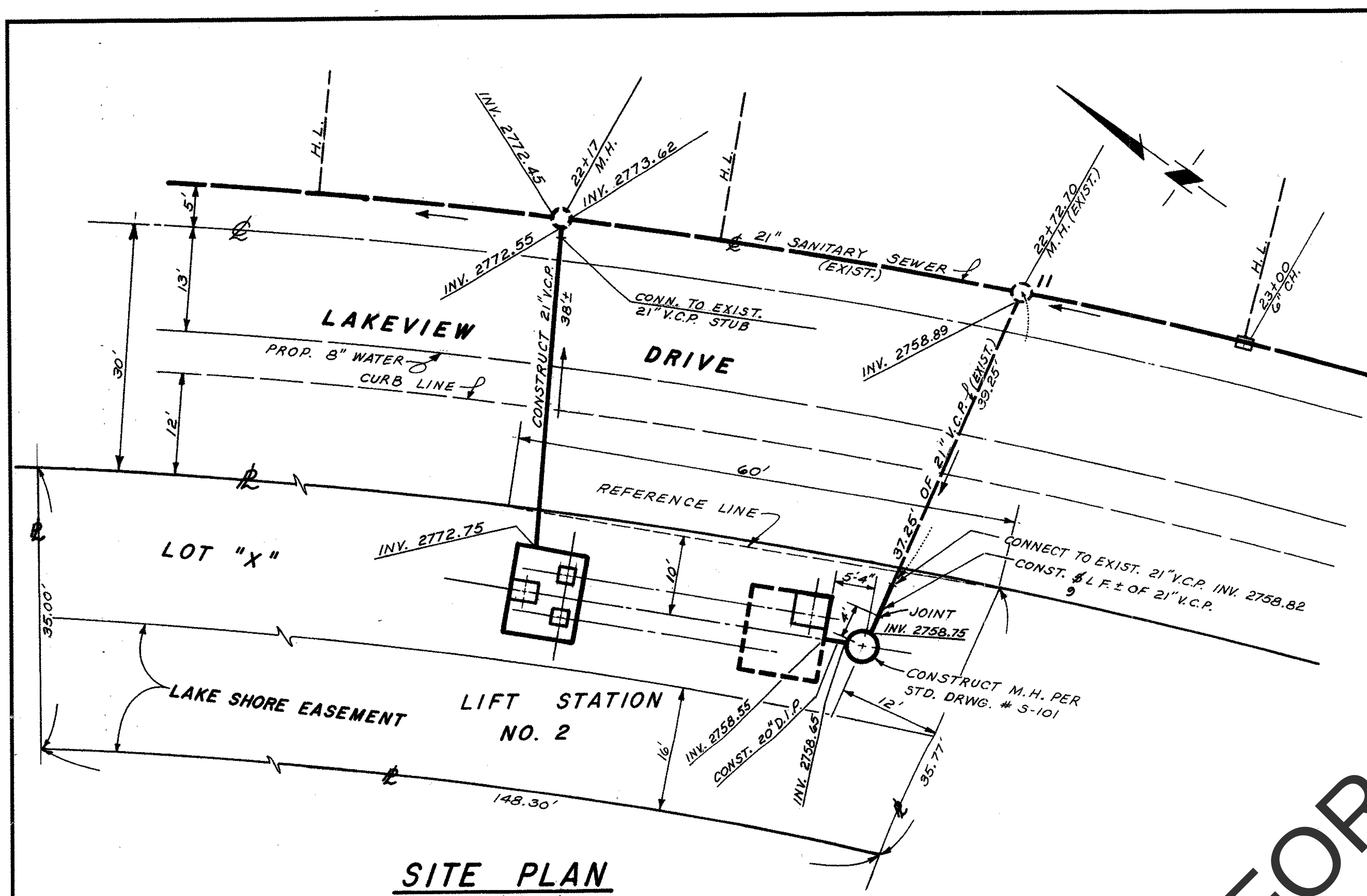
**LAKE VIEW LIFT STATION
STRUCTURAL DETAILS**

SHEET NUMBER
2
OF
3 SHEETS

SCALE
VERTICAL: 1"=N/A
HORIZONTAL: 1"=N/A

JOB NUMBER
SDB035300

NO SCALE



NOT FOR BID

NOTES

1. THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NONEXISTENCE OF ANY UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT DOES NOT CONSTITUTE RESPONSIBILITY BY THE ENGINEER.
2. ALL WORK SHALL CONFORM TO SPECIFICATIONS AND RULES & REGULATIONS OF SAN BERNARDINO COUNTY SERVICE AREA NO. 64.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS OPERATIONS WITH OTHER CONTRACTORS AND UTILITY COMPANIES IN THE CONSTRUCTION AREA.
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5. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF COUNTY SERVICE AREA NO. 64.
6. PIPE SHALL BE VITRIFIED CLAY OR DUCTILE IRON, CLASS G.
7. MANHOLES SHALL BE PRECAST CONCRETE.

BENCH MARK

USCGS M41 ELEV. 2983.144
0.3 MILE SOUTH OF INT. BEAR
VALLEY RD. AND AT&SFRR
442' WEST OF WEST RAIL OF
WEST TRACK, 11' SOUTH OF TEL.
POLE 41GE41.

NOTE

EASEMENTS AND FACILITIES CONVEYED TO COUNTY
SERVICE AREA NO. 64 BY DOCUMENTS RECORDED
IN BOOK _____ PAGE _____, O.R.

AS BUILT

DATE 5/19/73
BY [Signature]

COUNTY SERVICE AREA NO. 64
SAN BERNARDINO COUNTY, CALIFORNIA

LIFT STATION NO. 2, TRACT NO. 8030
SITE PLAN, VICINITY MAP & LOCATION MAP

COUNTY APPROVAL:
February 28, 1972 DATE
[Signature]
Acty Director, Dept. of Public Services

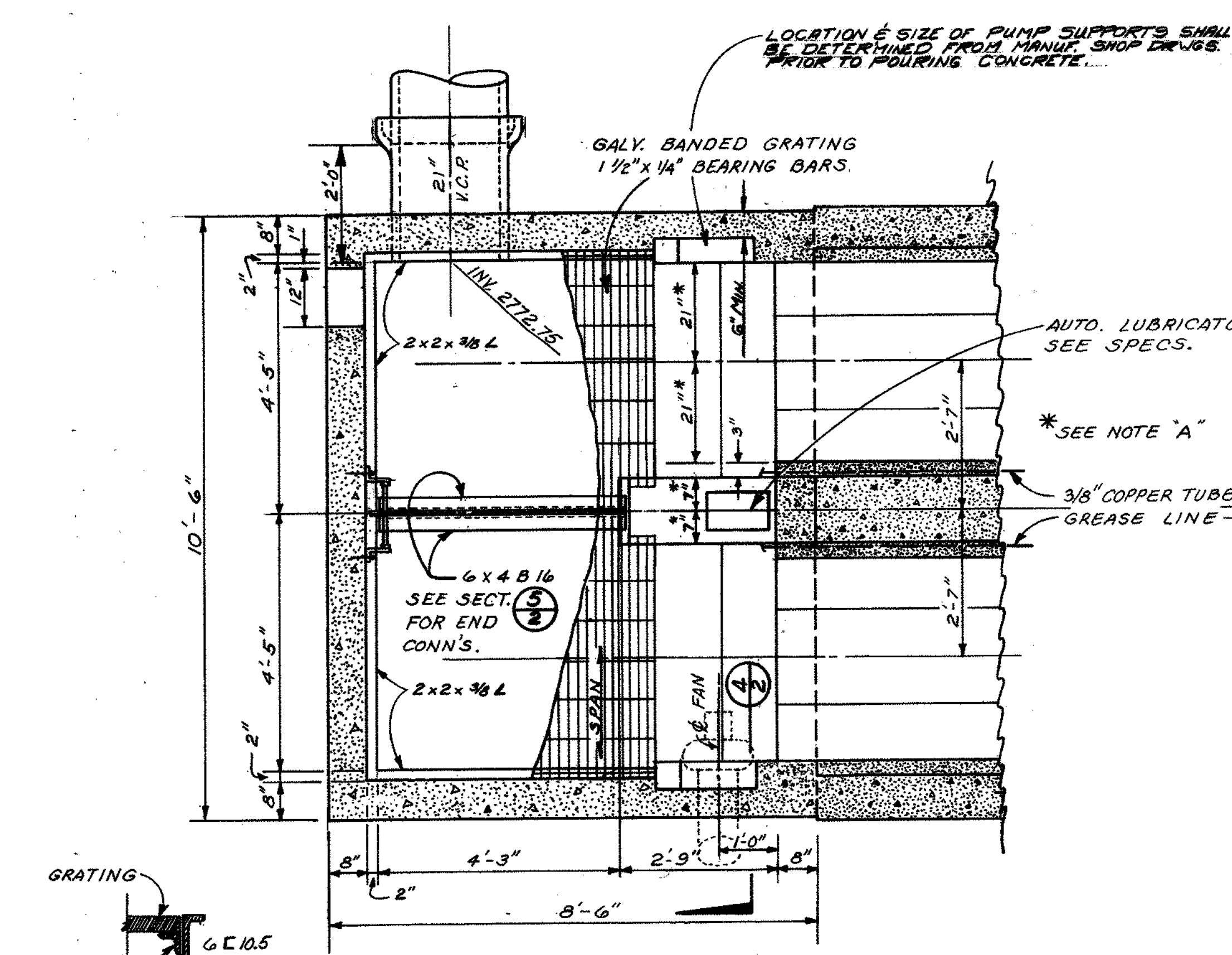
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[Signature]
NORMAN A. NESTE
DISTRICT ENGINEER

REV.	DATE	DESCRIPTION

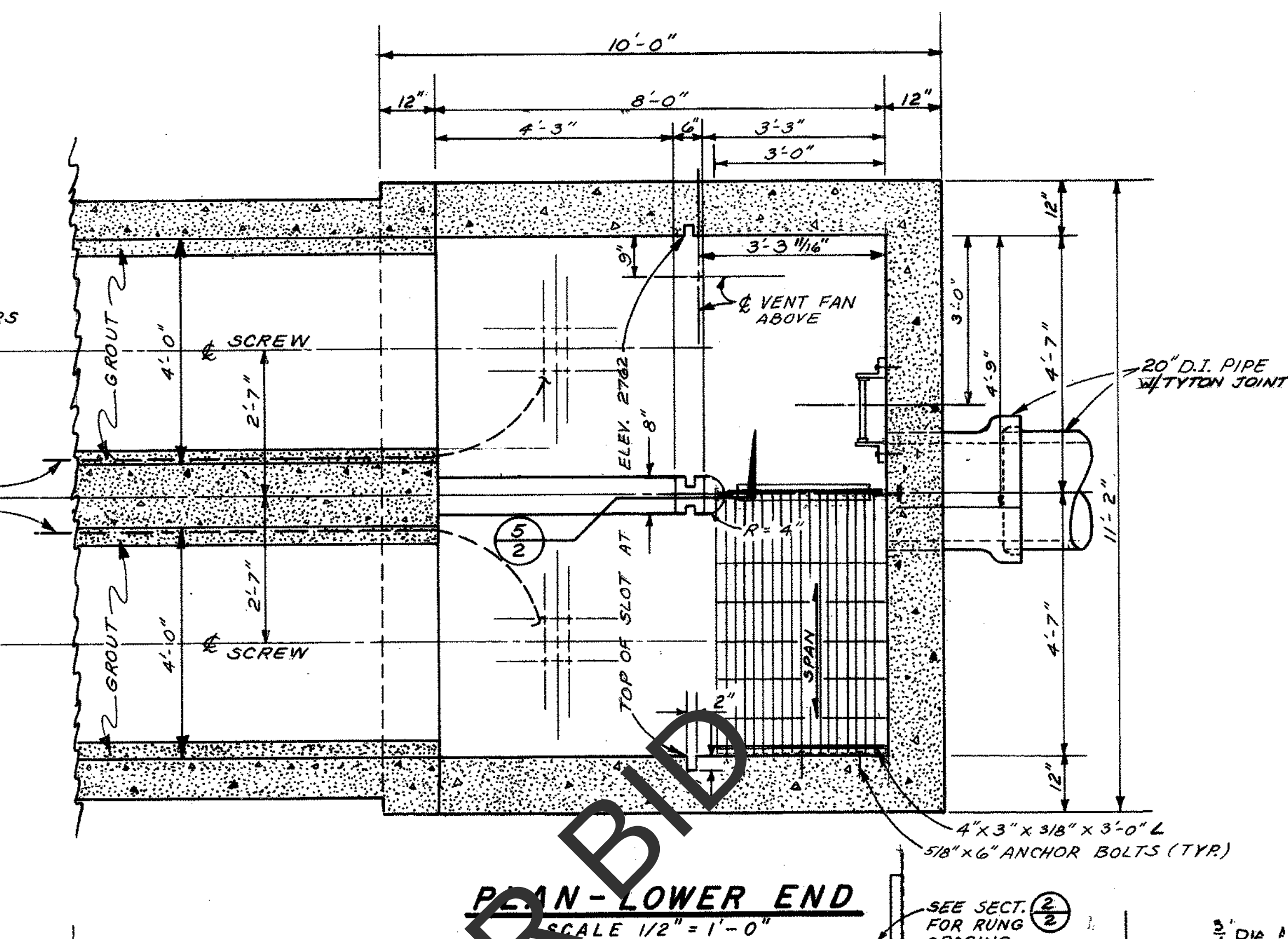
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DESIGNED KIM
DRAWN JMC
CHECKED KIM

[Signature] 9692 2/25/72
R.C.E. No. DATE
KIM
KENNETH I. MULLEN
CONSULTING ENGINEER
ARCADIA • VENTURA, CALIFORNIA

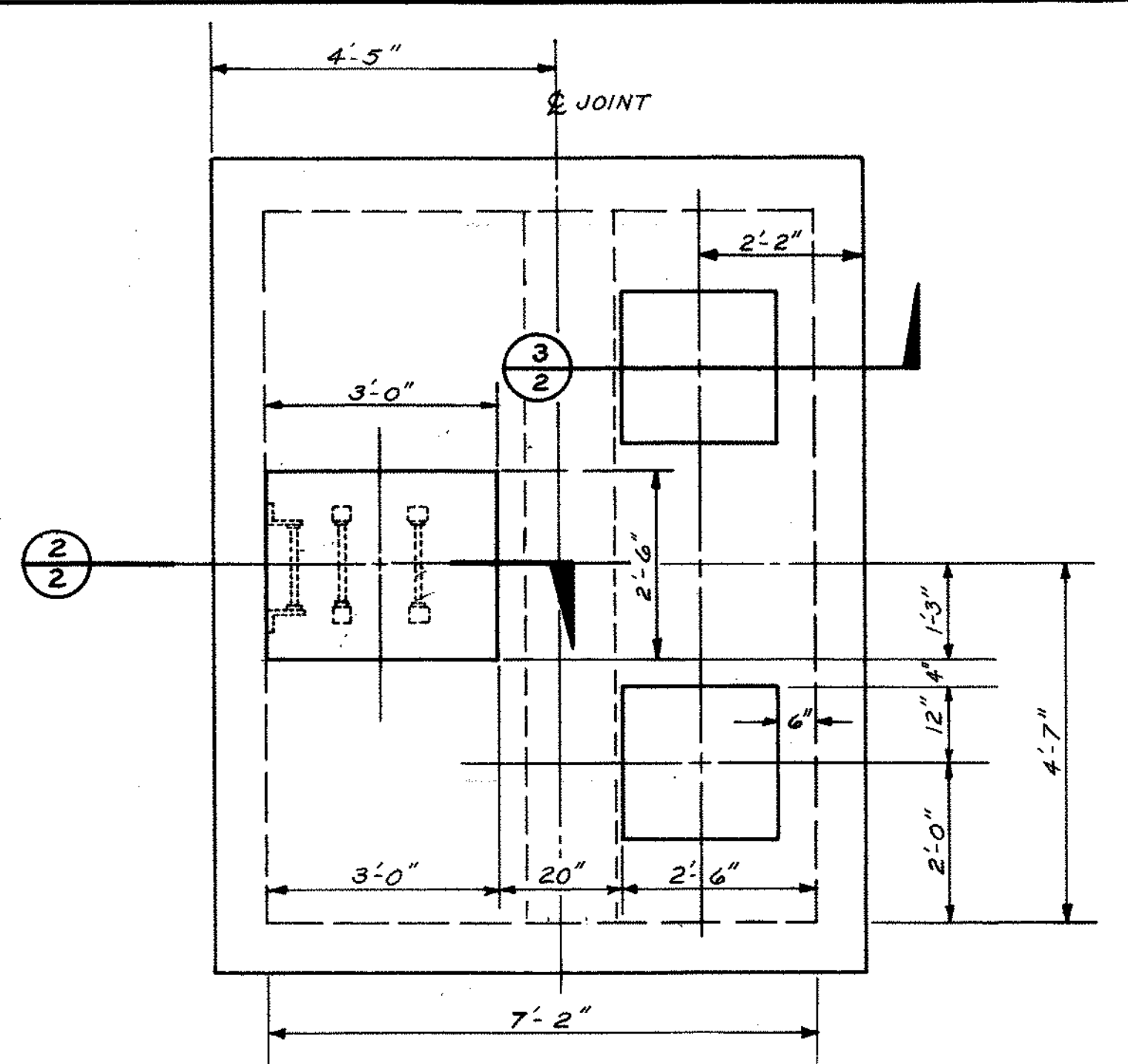
SHEET
1
OF
4 SHEETS



PLAN-UPPER END
SCALE 1/2" = 1'-0"

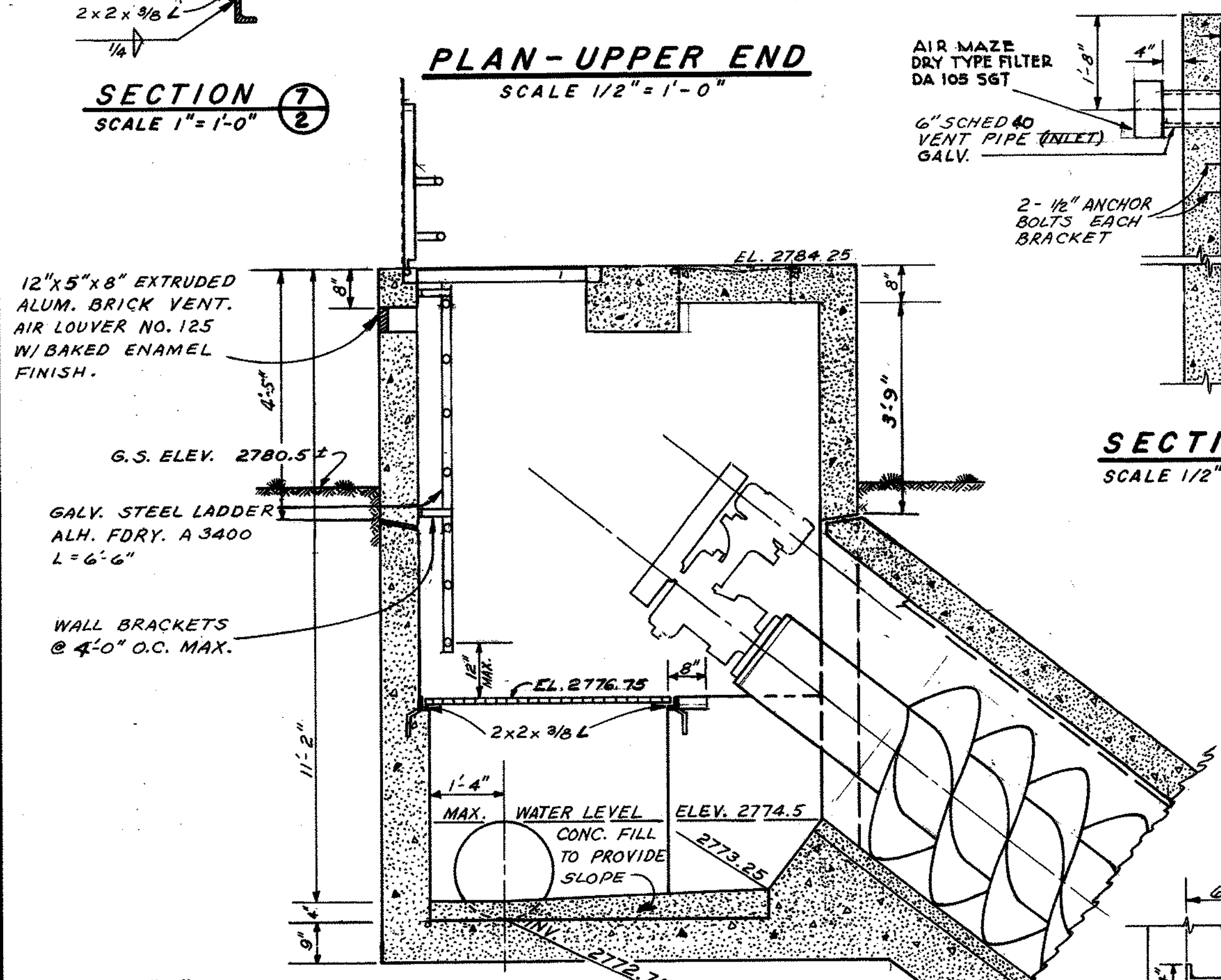


PLAN-LOWER END
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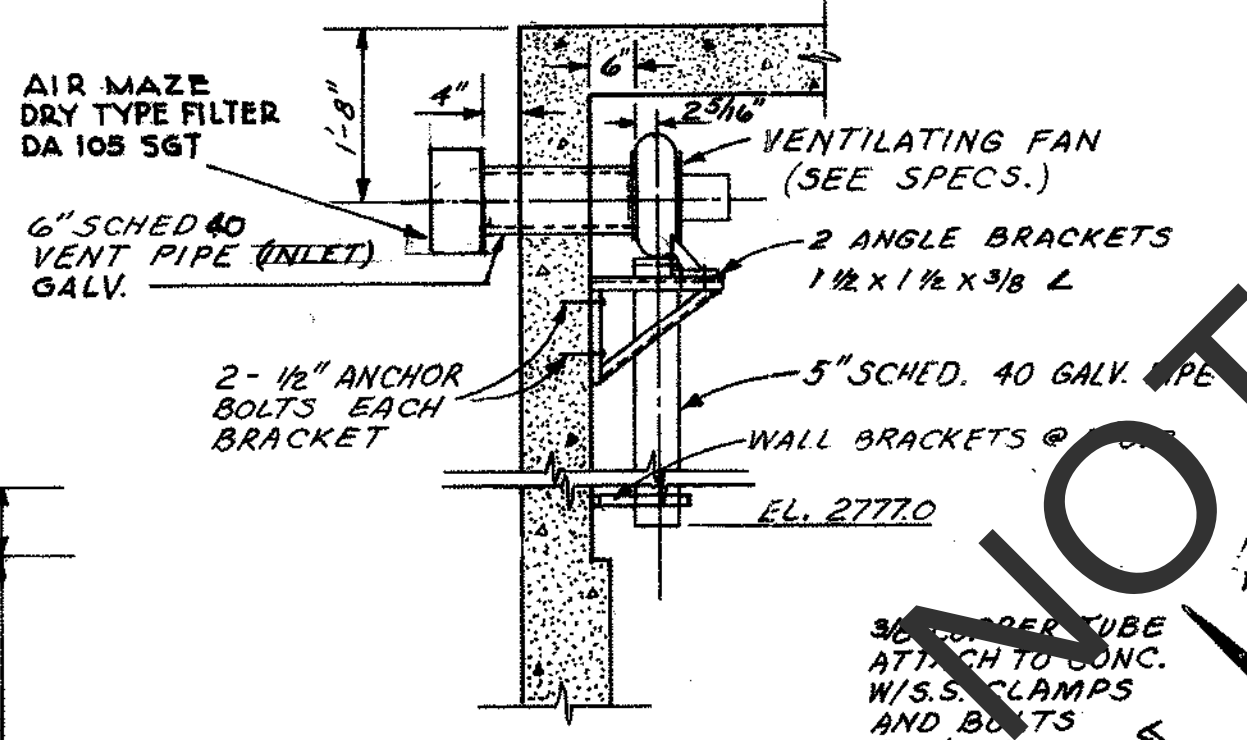
ROOF PLAN-UPPER END
SCALE 1/2" = 1'-0"

SECTION 1
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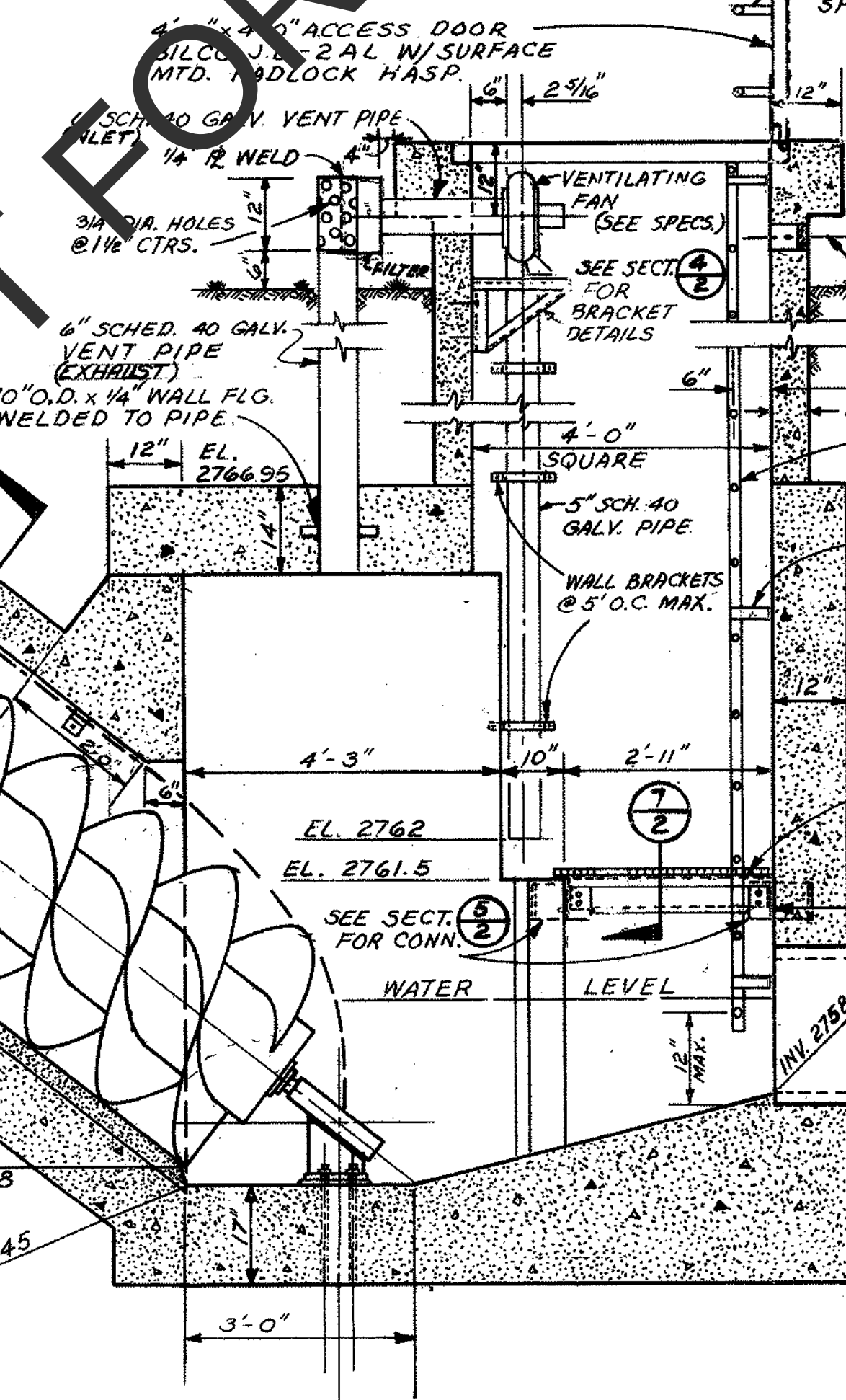


ELEVATION-UPPER END
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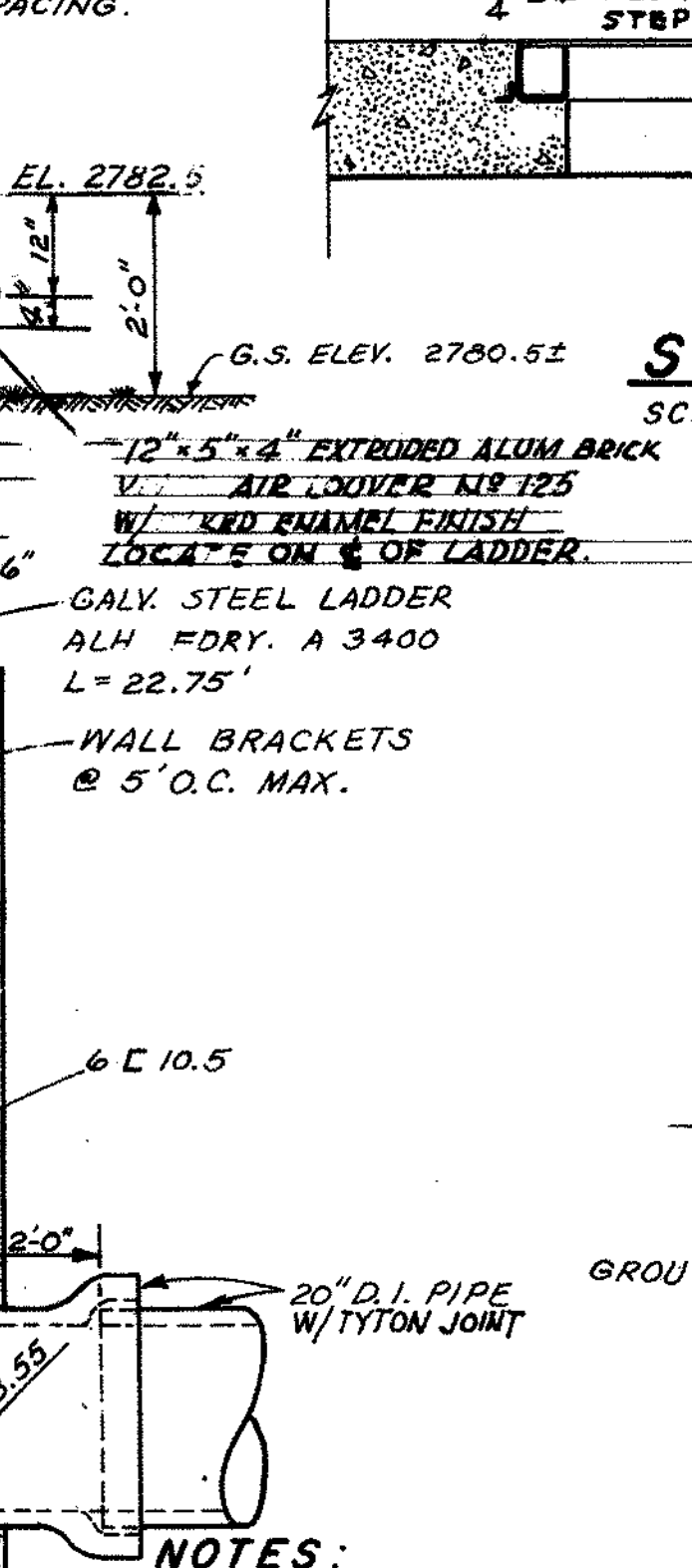
NOTE "A"
SUPPORT ANCHORAGE FOR SCREW PUMPS AND VENT FANS SHALL BE DETERMINED FROM MANUFACTURERS CERTIFIED SHOP DWGS. DO NOT POUR CONCRETE UNTIL ANCHORAGE DETAILS ARE VERIFIED.



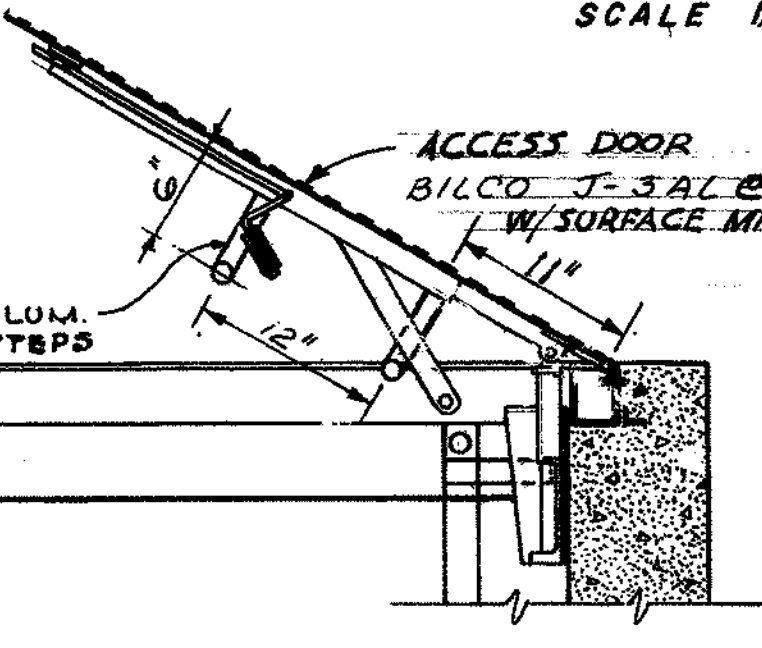
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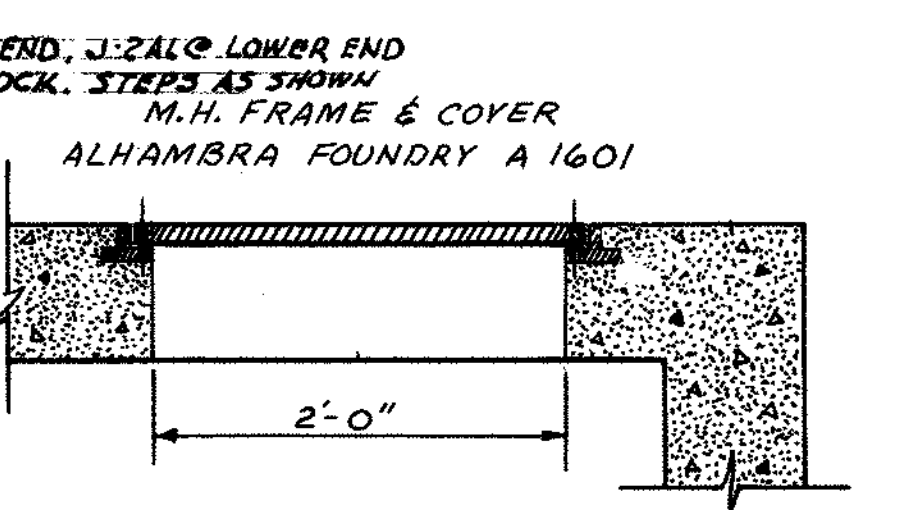
ELEVATION-LOWER END
SCALE 1/2" = 1'-0"



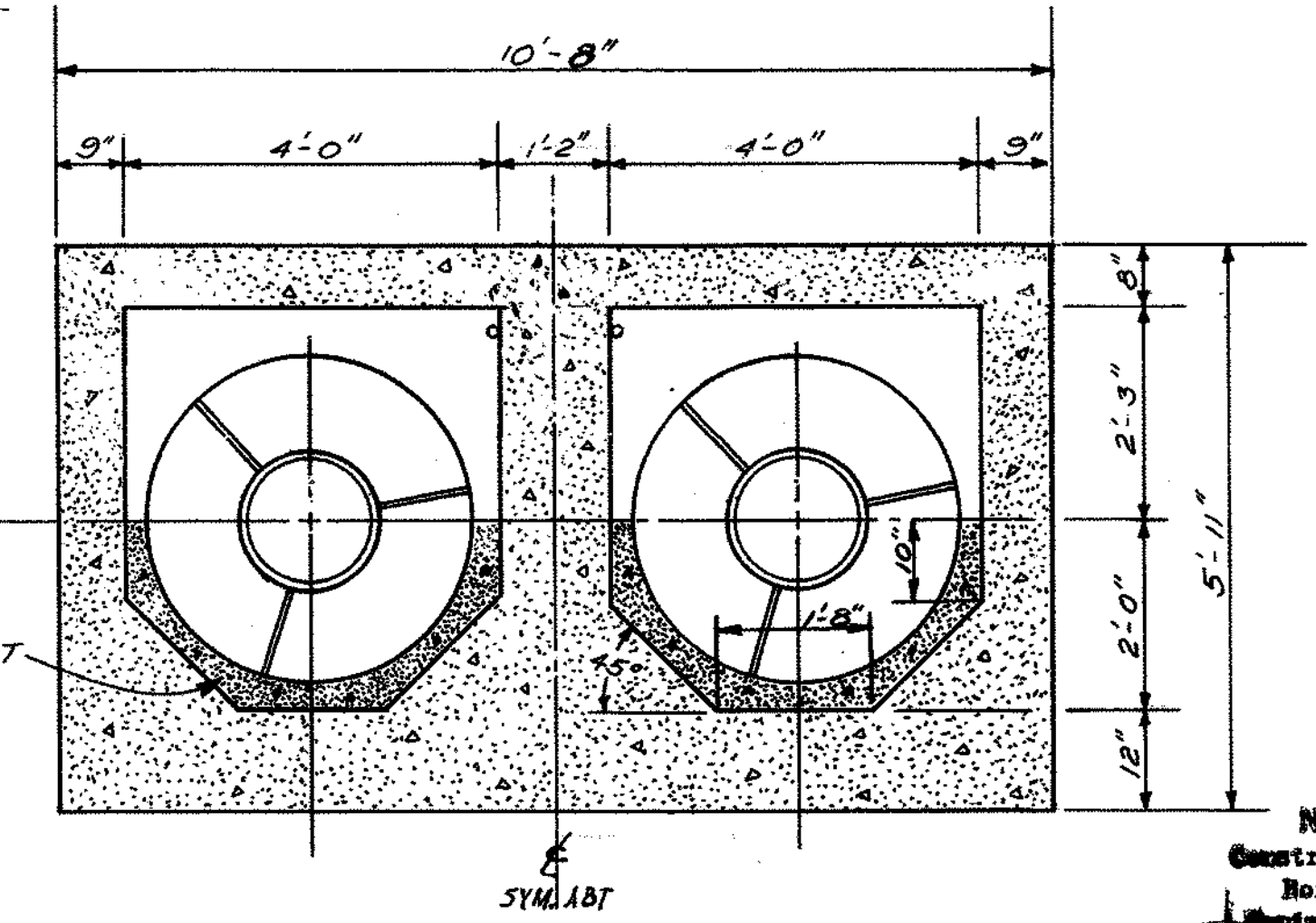
- NOTES:**
1. CHANNEL CONFIGURATION SHALL BE ADJUSTED TO FIT EQUIPMENT FURNISHED.
 2. ALL ALUMINUM EMBEDDED IN CONCRETE SHALL BE COATED WITH AMERCOAT #66 JUST PRIOR TO PLACING CONCRETE.
 3. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS.
 4. #5 AND LARGER REINF. BARS SHALL HAVE A MIN. YIELD STRENGTH OF 60,000 PSI. #4 AND SMALLER SHALL HAVE A MIN. YIELD STRENGTH OF 40,000 PSI.



SECTION 5
SCALE 1" = 1'-0"



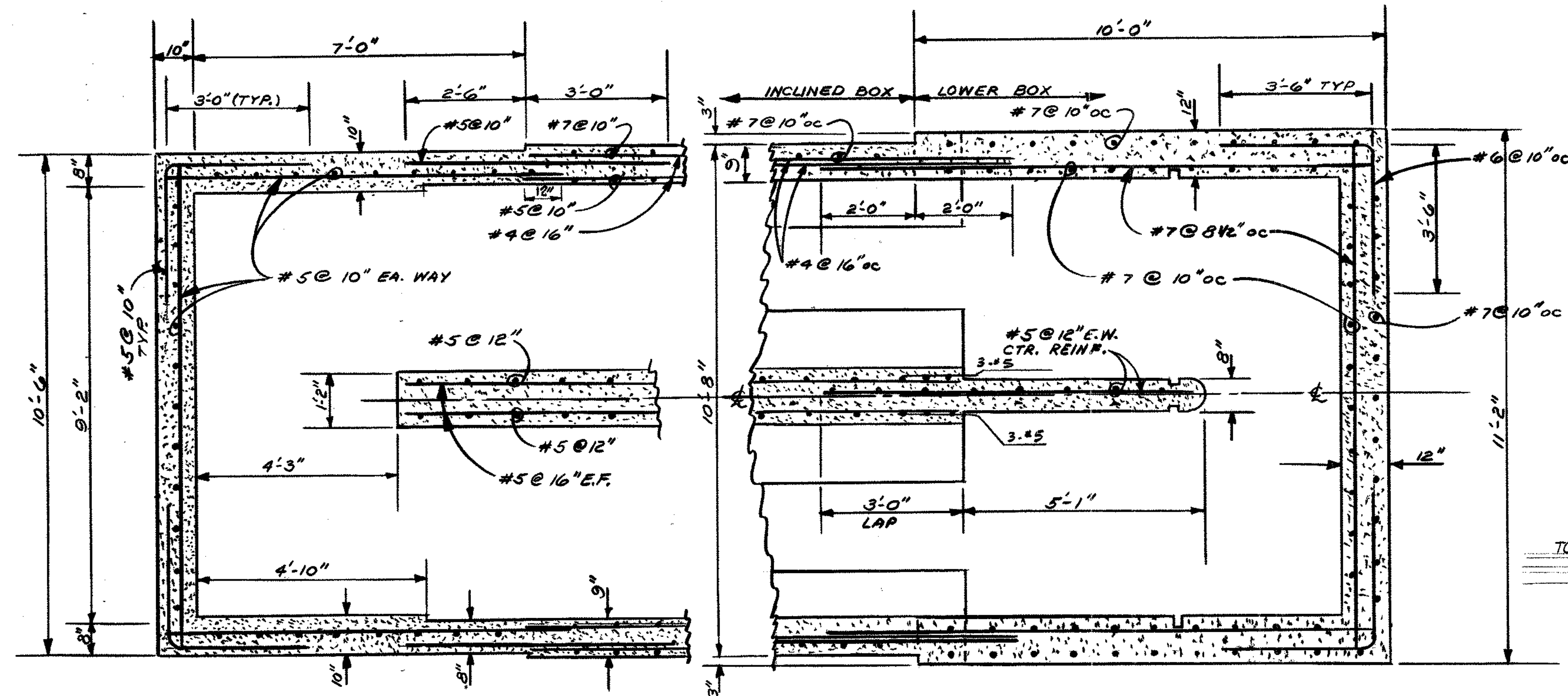
SECTION 6
SCALE 1" = 1'-0"



SECTION 7
SCALE 1/2" = 1'-0"

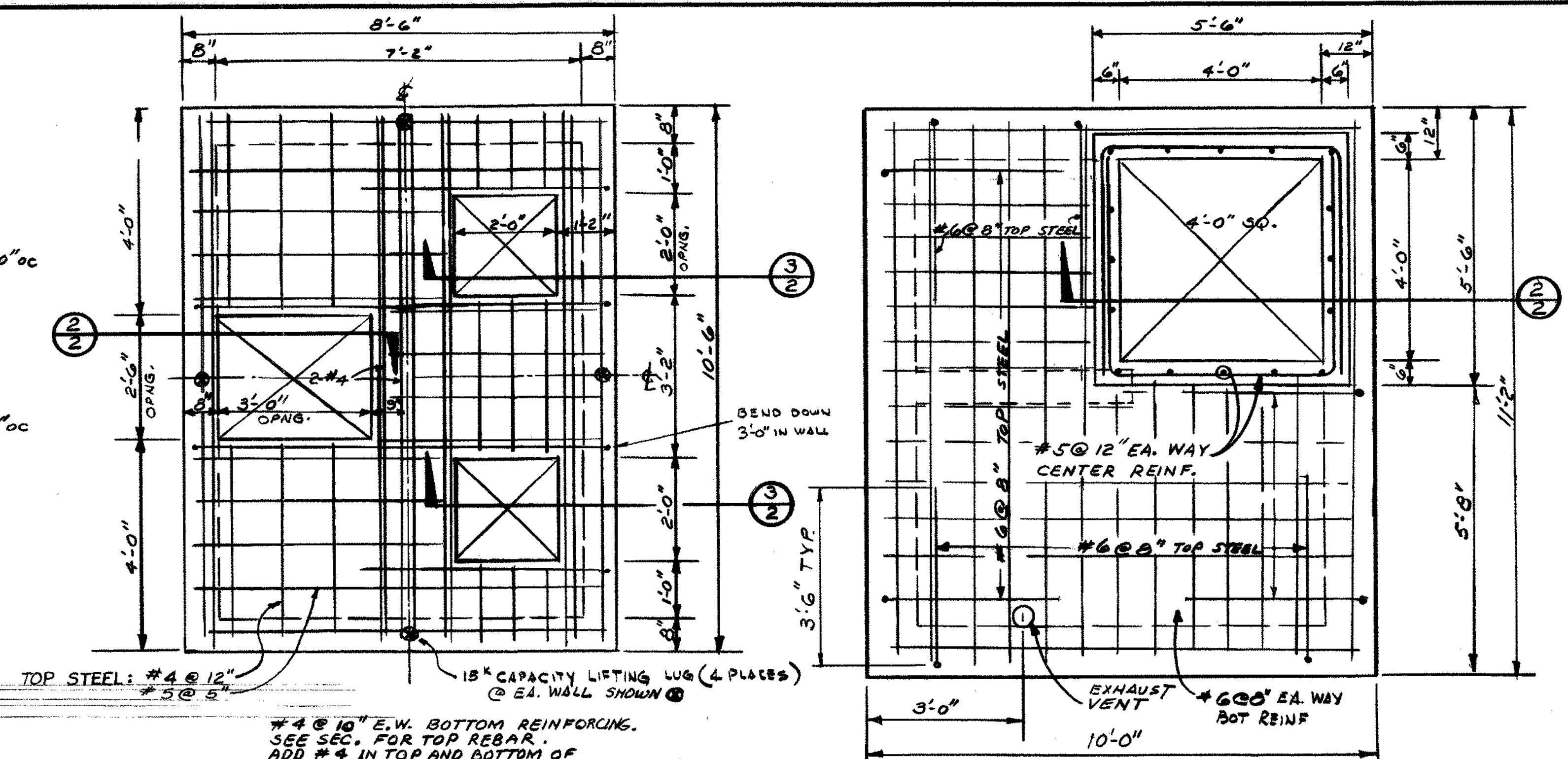
AS BUILT

COUNTY APPROVAL: 2/28/72 DATE		APPROVED: 2/25/72 DATE Norman A. Nette DISTRICT ENGINEER		SCALE AS NOTED DESIGNED KIM DRAWN JMC CHECKED KIM		COUNTY SERVICE AREA NO. 64 SAN BERNARDINO COUNTY, CALIFORNIA LIFT STATION NO. 2, TRACT NO. 8030 PLAN, SECTIONS AND DETAILS Kenneth I. Mullen CONSULTING ENGINEER ARCADIA - VENTURA, CALIFORNIA		SHEET 2 OF 4 SHEETS	
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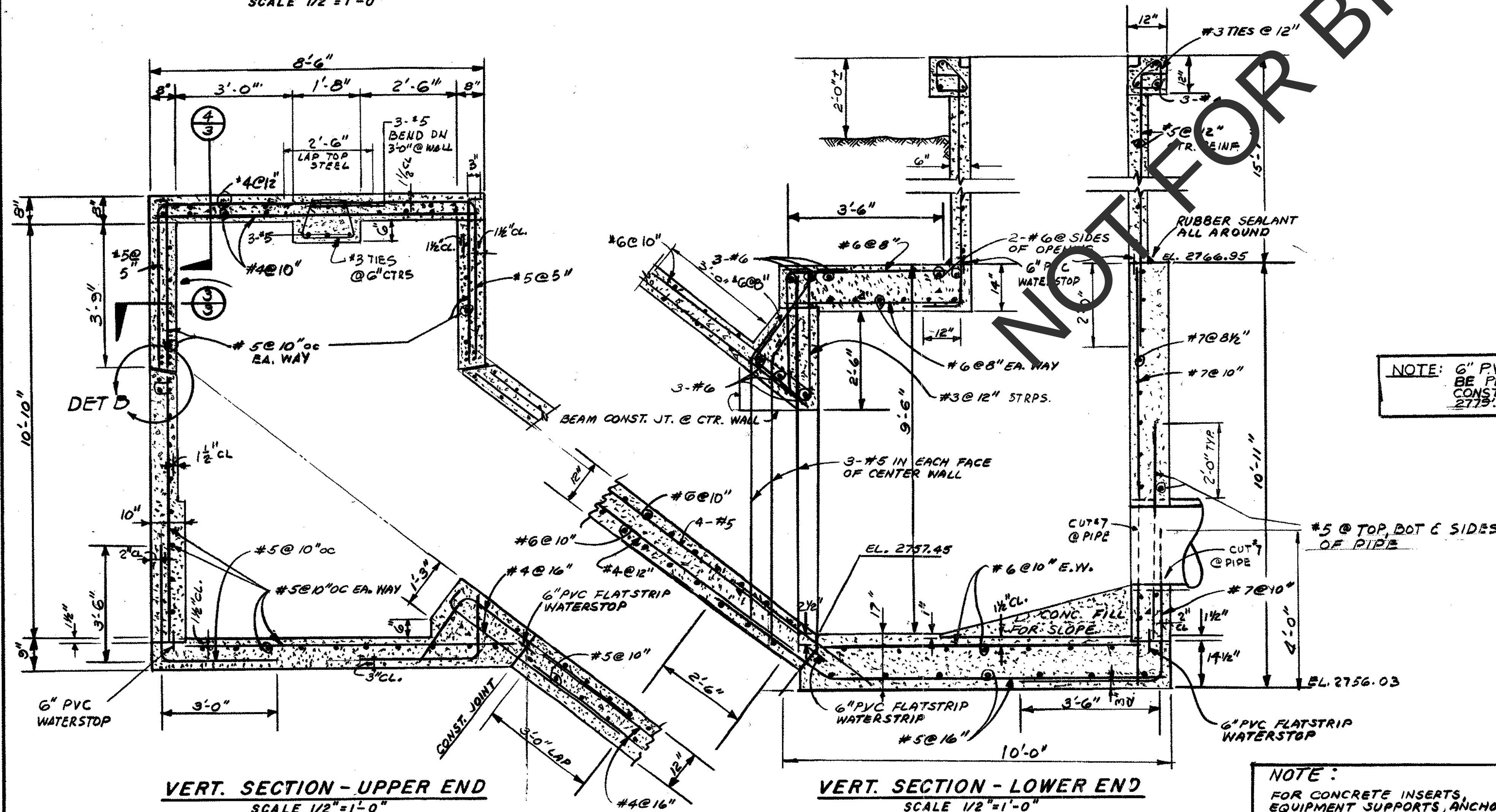
PLAN SECTION - UPPER END
SCALE 1/2"=1'-0"

PLAN SECTION - LOWER END
SCALE 1/2"=1'-0"



ROOF SLAB - UPPER END
SCALE 1/2"=1'-0"

ROOF SLAB - LOWER END
SCALE 1/2"=1'-0"

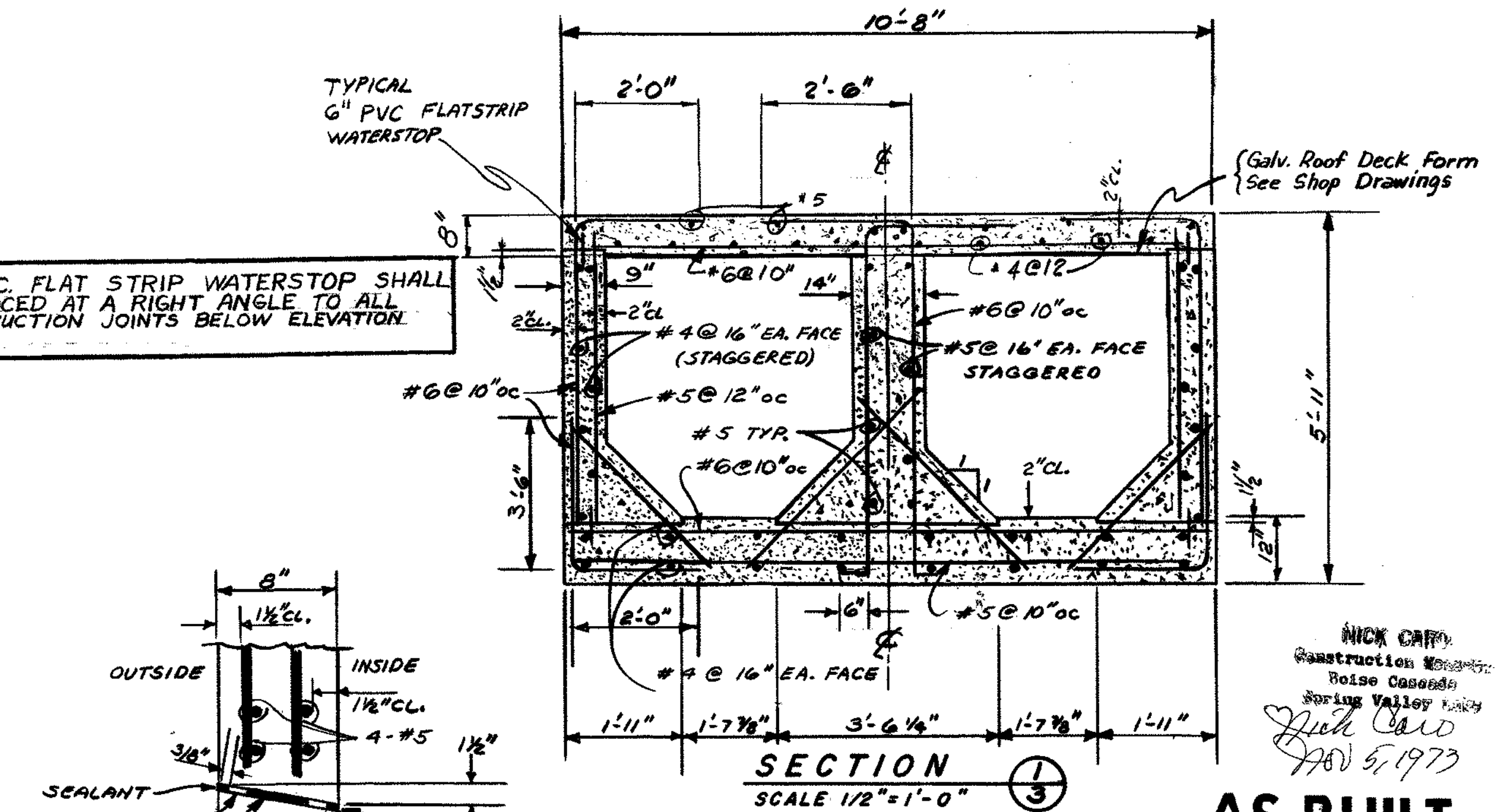


VERT. SECTION - UPPER END
SCALE 1/2"=1'-0"

VERT. SECTION - LOWER END
SCALE 1/2"=1'-0"

NOTE: 6" PVC. FLAT STRIP WATERSTOP SHALL BE PLACED AT A RIGHT ANGLE TO ALL CONSTRUCTION JOINTS BELOW ELEVATION 2779.

NOTE: FOR CONCRETE INSERTS, EQUIPMENT SUPPORTS, ANCHOR BOLTS, ETC. SEE SHEET 2.

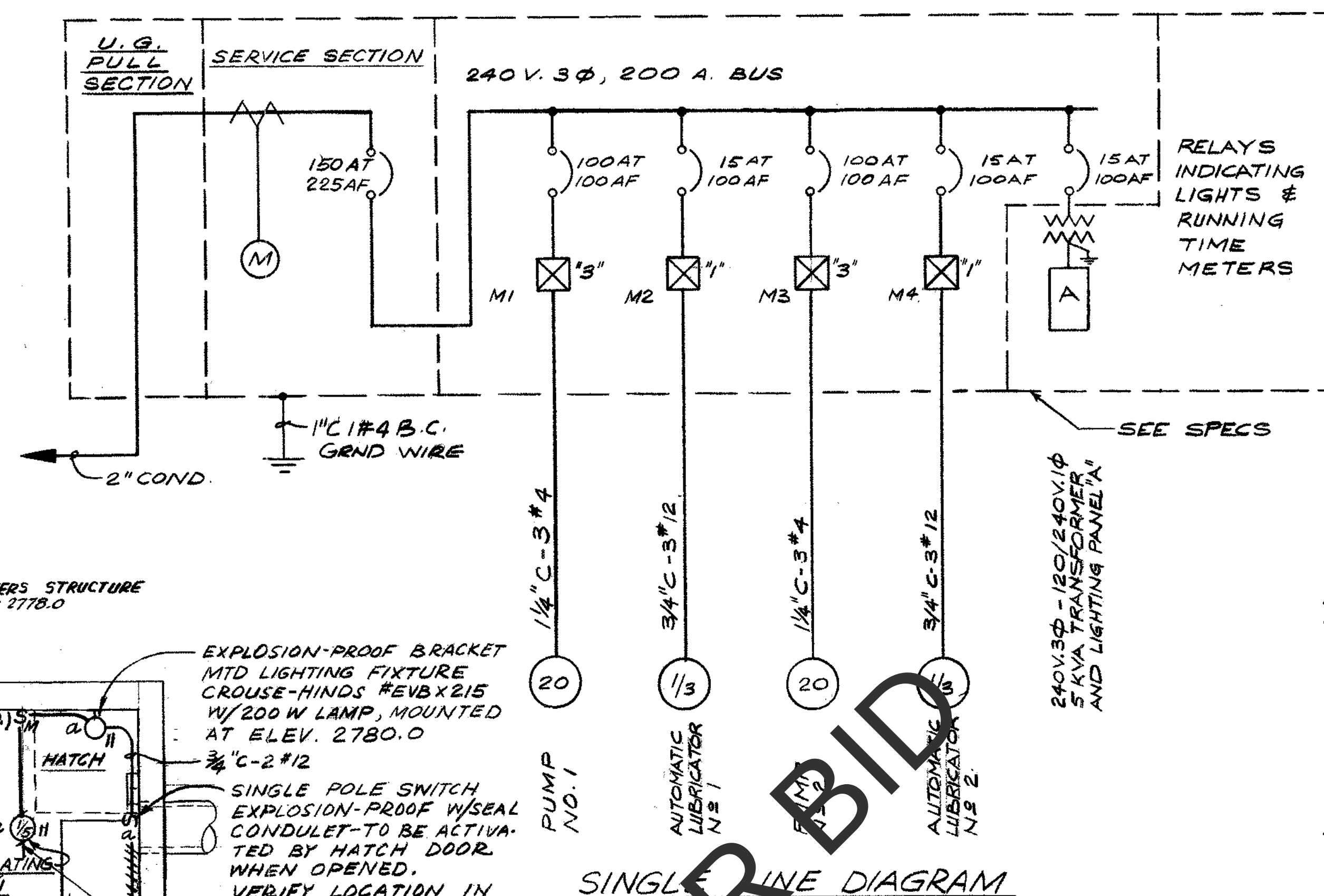
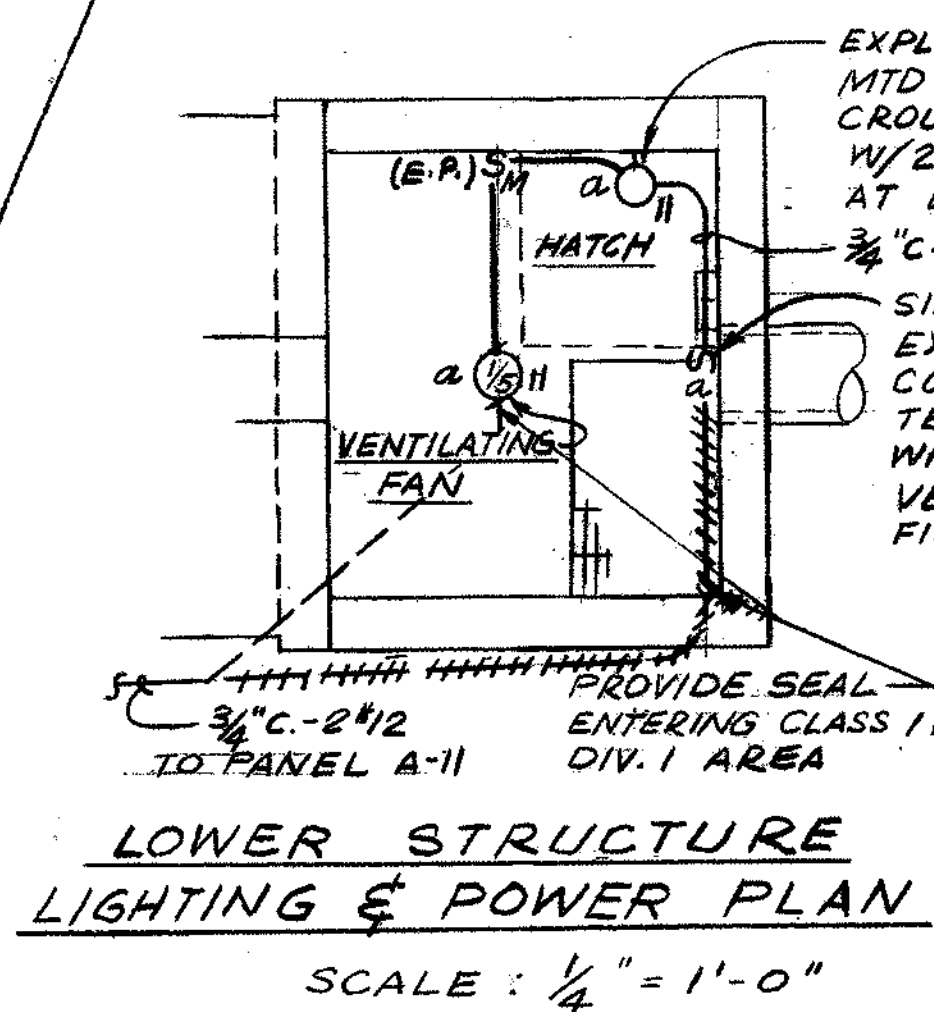
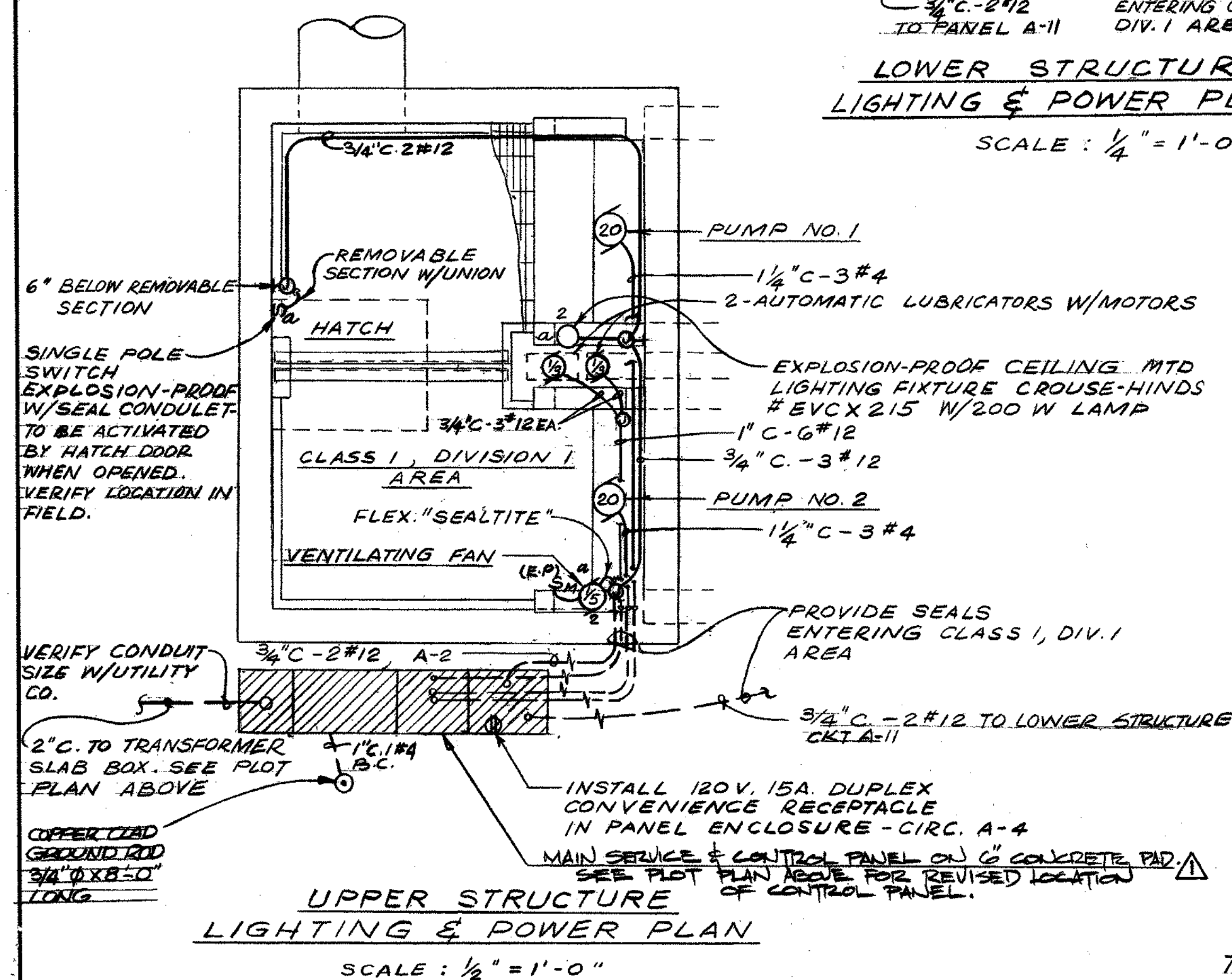
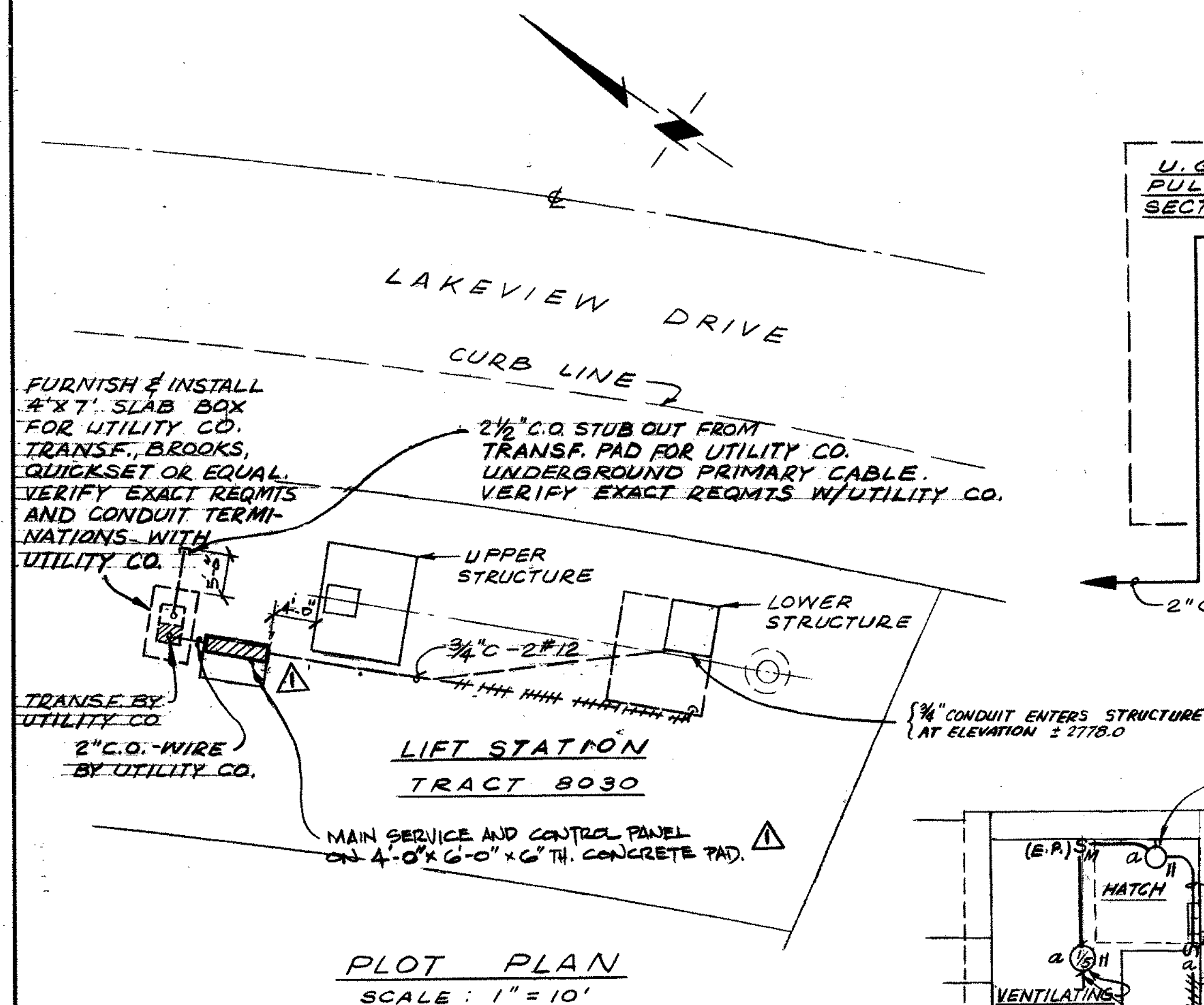


DETAIL B
SCALE 1/2"=1'-0"

SECTION 3
SCALE 1/2"=1'-0"

AS BUILT

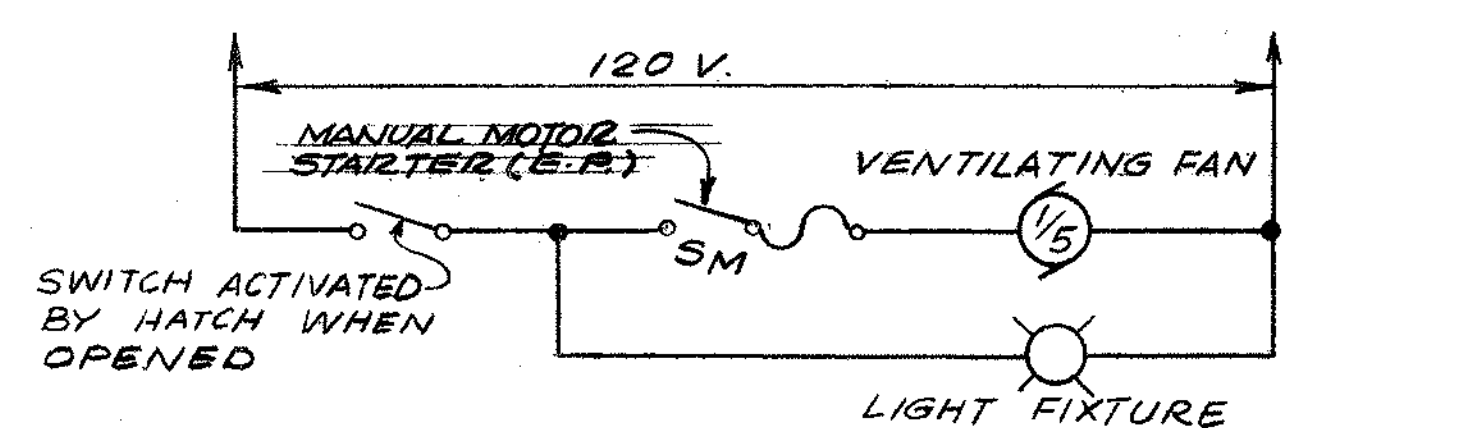
COUNTY APPROVAL: 2/28/72 DATE		APPROVED: 2/25/72 DATE		SCALE AS NOTED		DESIGNED: KIM		DRAWN: JMC		CHECKED: KIM		SHEET 3 OF 4 SHEETS	
See Sheet No. 1		NORMAN A. NESTE DISTRICT ENGINEER		KIM		KENNETH I. MULLEN CONSULTING ENGINEER ARCADIA • VENTURA, CALIFORNIA		COUNTY SERVICE AREA NO. 64 SAN BERNARDINO COUNTY, CALIFORNIA		LIFT STATION NO. 2, TRACT NO. 8030		STRUCTURAL DETAILS	



PAGE 1 A										
CIR. NO.	CIR. BRKR.	POLE	AMP.	LYS.	REC.	WIRING	REMARKS	WATTS		
								L1	L2	L3
1			20				MOTOR CONTROL CIR 200			
2							LIGHT SIXX-HAM-UPPER B20			
3							SPACE			
4							ONLY RECEPTACLE		180	
5							SPACE			
6							SPACE			
7							SPACE			
8							SPACE			
9							SPACE			
10							SPACE			
11						1	LIGHTS BLOWER-LOWER		820	
12							SPACE			
TOTAL WATTS 2020							* TOTAL C. W. 2.0	1020 1000		
5.3 AMPERES / 120/240							VOLTS / 1	PHASE - 60 CYCLES 3 W. S. N.		
* COND. W4 #10							CABLES * LOC.			
MAIN LUGS							MOUNT IN MOTOR CONTROL CENTER			

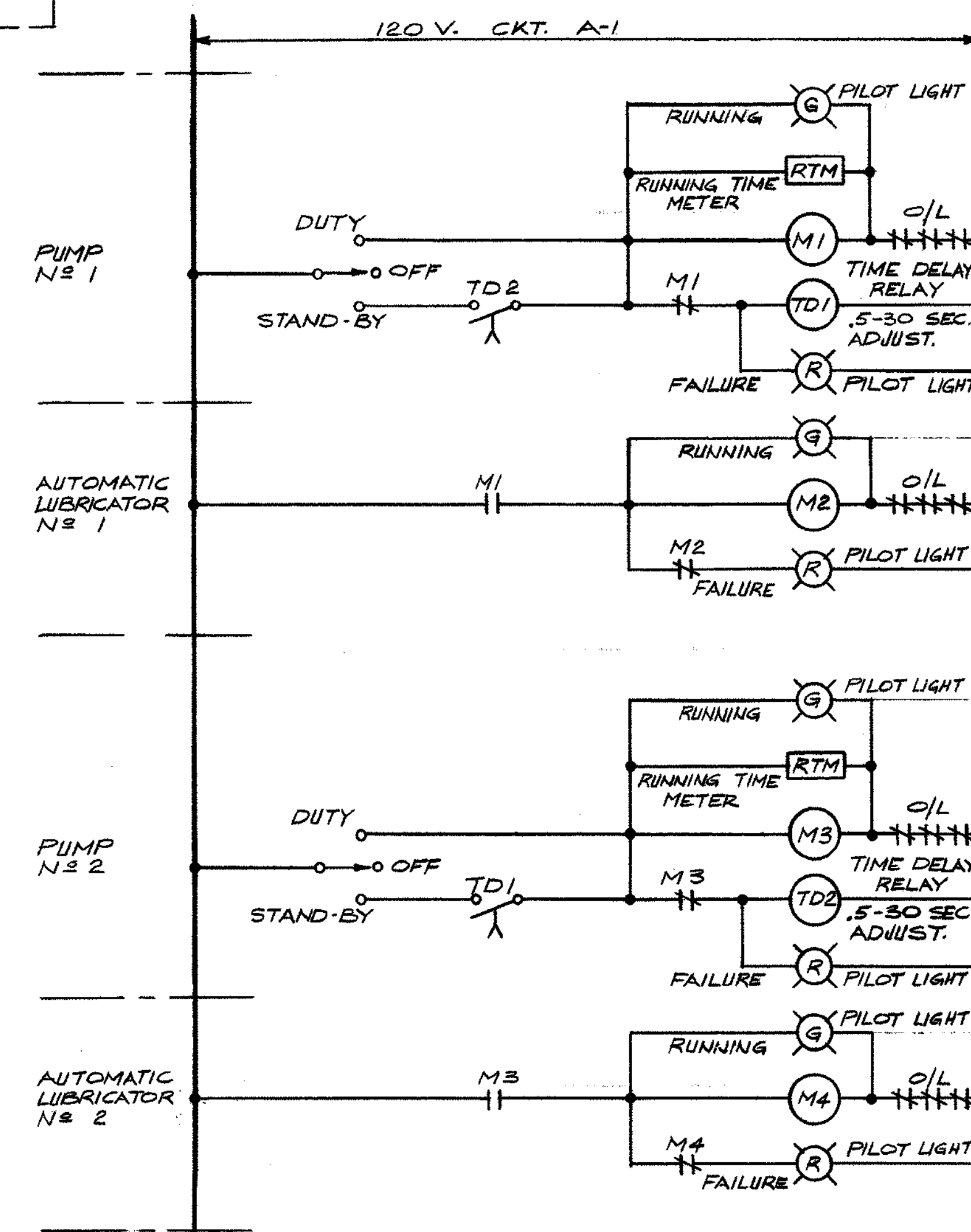
NOTES :

1. ALL ELECTRICAL EQUIPMENT INSIDE UPPER AND LOWER STRUCTURES SHALL BE EXPLOSION-PROOF.



PUMPING SEQUENCE:

1. PUMP NO.1 OR PUMP NO.2 SHALL BE THE DUTY PUMP. THE ~~2ND~~ PUMP NOT ON DUTY SHALL SERVE AS THE STAND-BY PUMP.
2. DUTY PUMP SHALL BE ON CONTINUOUSLY. SELECTION OF DUTY AND STAND-BY PUMP SHALL BE BY MANUAL SELECTION OF DUTY-OFF-STAND-BY SELECTOR SWITCH.
3. FAILURE OF THE DUTY PUMP SHALL AUTOMATICALLY BRING ON THE STAND-BY PUMP THROUGH EITHER RELAY TD-1 OR TD-2.
4. STARTING OF EITHER PUMP WILL AUTOMATICALLY START ASSOCIATED AUTOMATIC LUBRICATOR MOTOR.



CONTROL WIRING DIAGRAM

AS BUILT

LEGEND:

- AS
- CONDUIT RUN EXPOSED
 - CONDUIT RUN UNDERGROUND
 - O CONDUIT BENDING TOWARD OBSERVER
 - CONDUIT BENDING AWAY FROM OBSERVER
 - (M) POWER COMPANY METERING
 - MI  3" MAGNETIC MOTOR STARTER, FULL VOLTAGE, NONREVERSING, NEMA SIZE "1" OR "3" AS INDICATED. MI- REFERS TO COIL DESIGNATION SHOWN ON SCHEMATIC DIAGRAM.
 -  CURRENT TRANSFORMER
 - (20) SQUIRREL CAGE INDUCTION MOTOR, 20 H.P.
 - ~~SM~~ ~~MANUAL MOTOR STARTER~~
 - (G) PILOT "G" INDICATES GREEN "R" INDICATES RED

NICK CARD
Construction Manager
Boise Cascade
Spring Valley Lake
5/19/73

0044
77 100
30
7

REGISTERED PROFESSIONAL
GEORGE JOSEPH MATHIAS
1934
ELECTRICAL
STATE OF CALIFORNIA

Δ	12/6/72	Proc. 5/24/72	Revised Transformer & Control Panel Location.
No.	Date	Approved	Description
COUNTY SERVICE AREA NO. 64 SAN BERNARDINO COUNTY, CALIFORNIA			
LIFT STATION NO. 2, TRACT NO. 8030 ELECTRICAL DETAILS			
9692 RCE No.			DATE
			4
KENNETH I. MULLEN CONSULTING ENGINEER ARCADIA • VENTURA, CALIFORNIA			OF
			4 SHEET