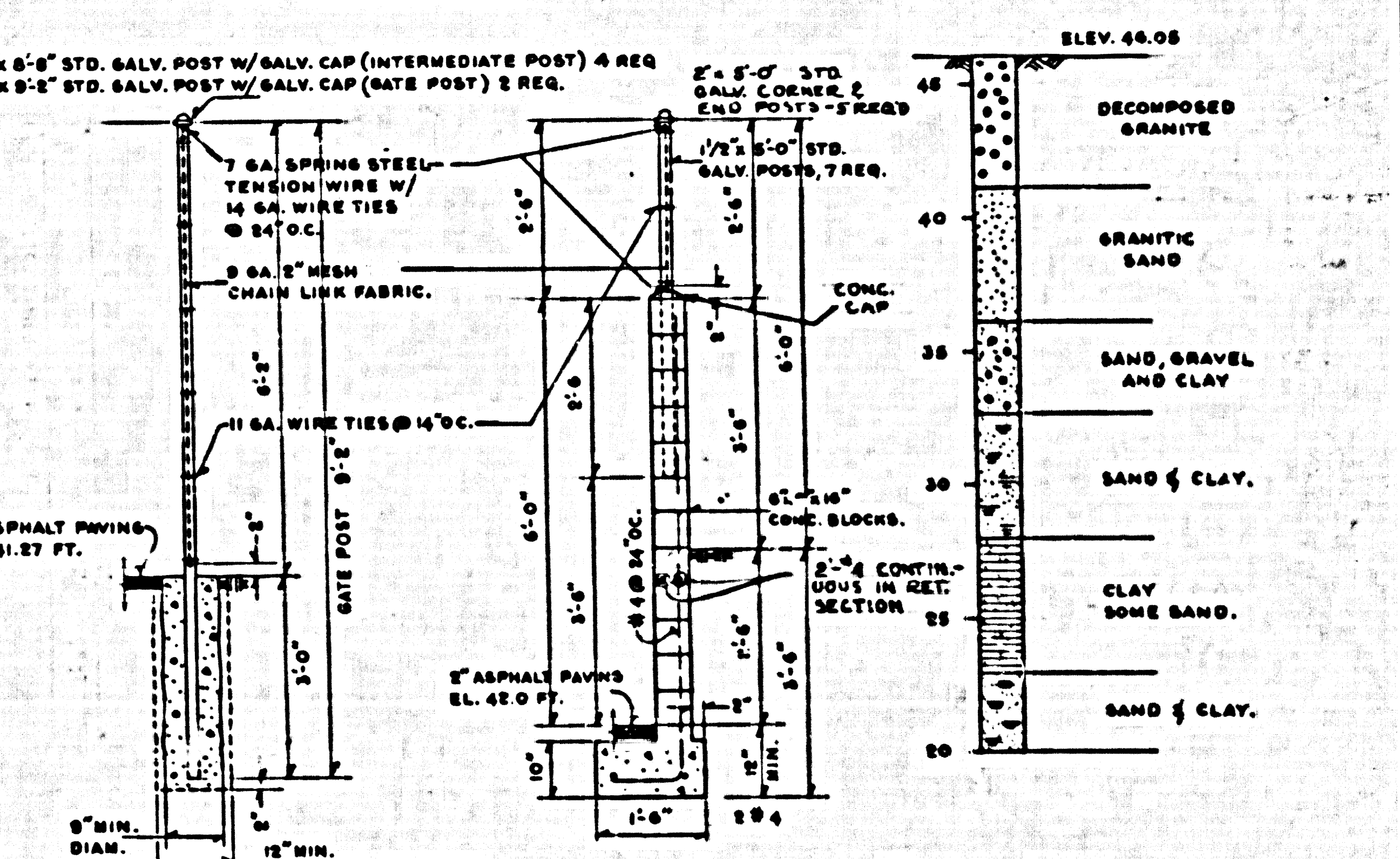
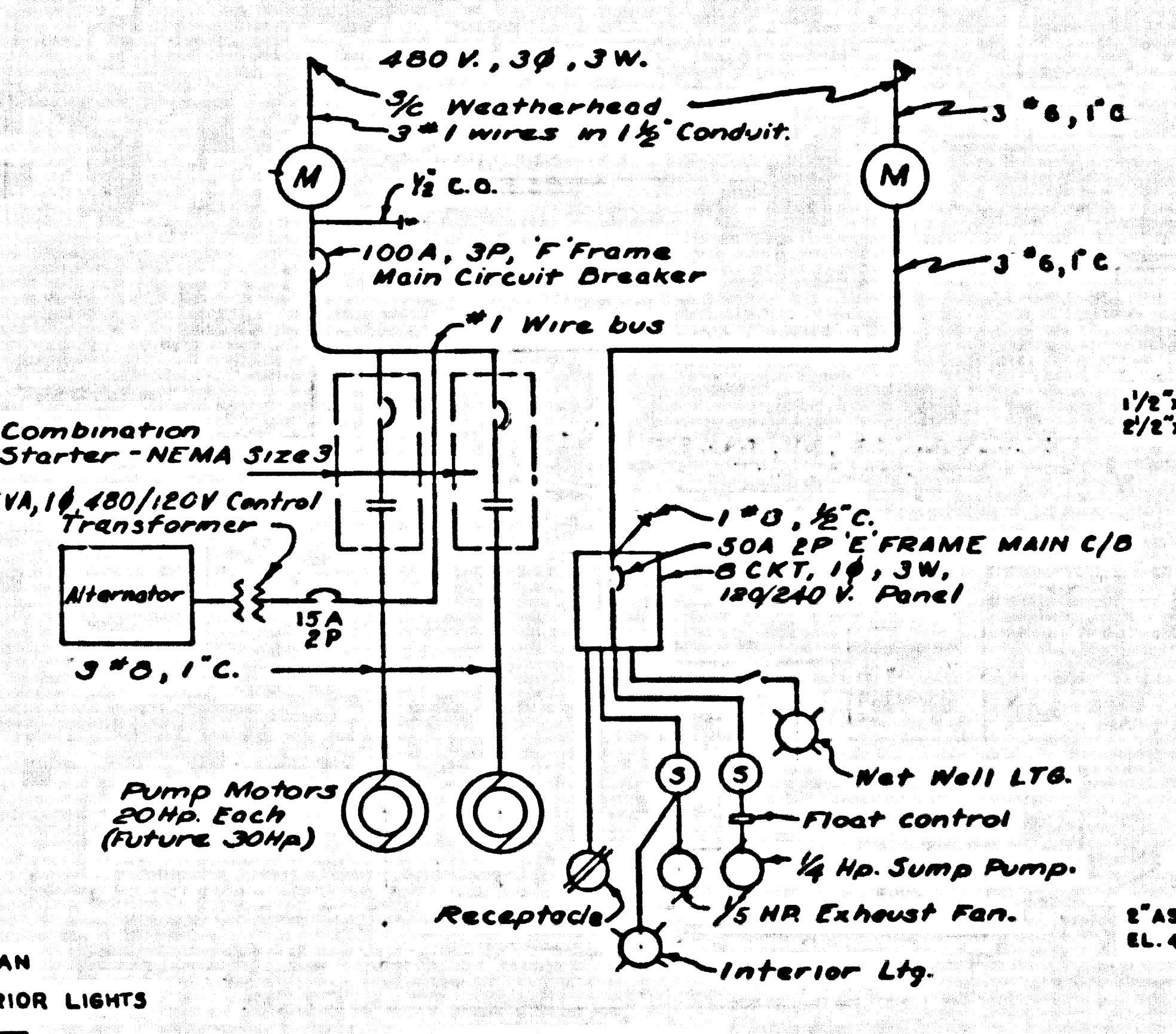


- ELECTRICAL PANEL LISTING**
- ① MAIN CIRCUIT BREAKER 100 A, 3P, 600 V, F-NEMA I ENCL. WESTINGHOUSE TYPE AB-1.
 - ② COMBINATION STARTER 3P, 600V, 50A BKR, NEMA SIZE 3, NEMA I ENCL. WESTINGHOUSE CLASS II-206 WITH NOA SWITCH, CONTROL TRANSFORMER, 120 V. COIL.
 - ③ ALTERNATOR-FURNISHED BY MECHANICAL CONTRACTOR.
 - ④ CIRCUIT BREAKER, 15 A, 2P, 600 V, F-NEMA I ENCL. WESTINGHOUSE TYPE AB-1 DRY-TYPE TRANSFORMER SINGLE PHASE, 480V-120V, 2.5 KVA, WESTINGHOUSE TYPE EP.
 - ⑤ LIGHTING PANEL, 120/240 V, 1P, 3W, 8 CIRCUIT, MAIN C/B, 15A-1P BRANCHES. WESTINGHOUSE TYPE NPLAB.
 - ⑥ 2P MANUAL STARTER WESTINGHOUSE CLASS 10-023 WITH LOCK-OFF PROVISION.
 - ⑦ 3/4"x10'-0" COPPERWELD GROUND ROD.
 - ⑧ RECEPTACLE-110 V, 1P, 20A, TWISTLOCK. HUBBELL # 7310-B6 IN 'FS' BOX WITH LIFT COVER.
 - ⑨ 4x4 GUTTER 5'-0" LONG
 - ⑩ METER SOCKETS AS REQUIRED BY SERVING UTILITY.

29,200

- ELECTRICAL LEGEND**
- ⊗ LIGHTING FIXTURE TYPE 'A'-200 W VAPOR PROOF SHALLOW DOME REFLECTOR PENDANT MOUNT, CH #MA 18296
 - ⊗ TYPE 'B'-100 W VAPOR PROOF SHALLOW DOME REFLECTOR PENDANT MOUNT, CH #VBY 101
 - CONDUIT IN SLAB.
 - CONDUIT EXPOSED.
 - FLEXIBLE CONDUIT.
 - ⊕ RECEPTACLE
 - W.P. WEATHER PROOF.

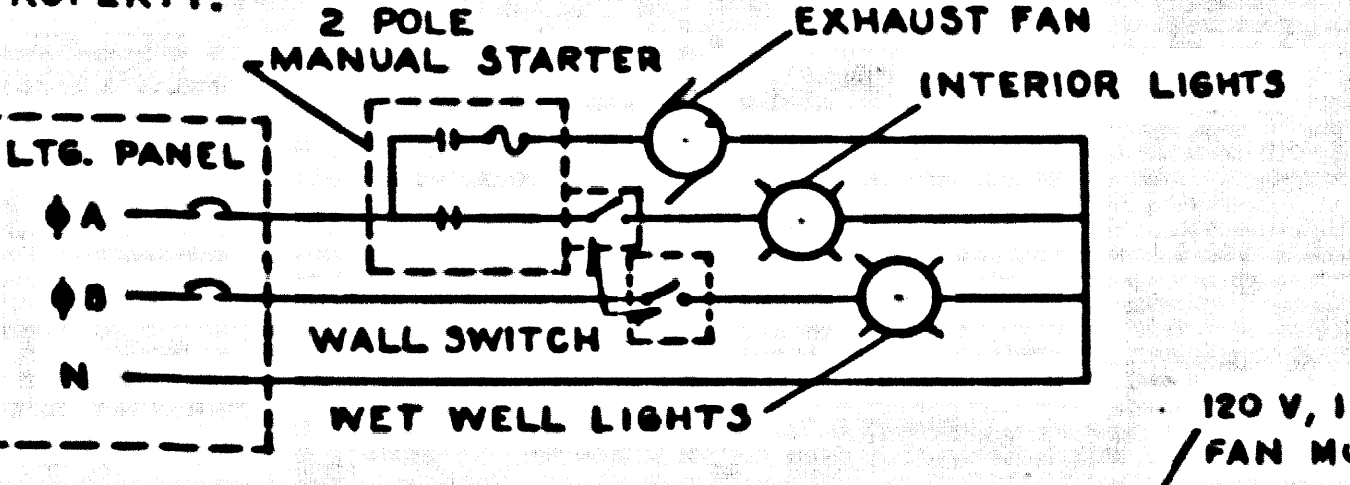


CENTINELA AVE.

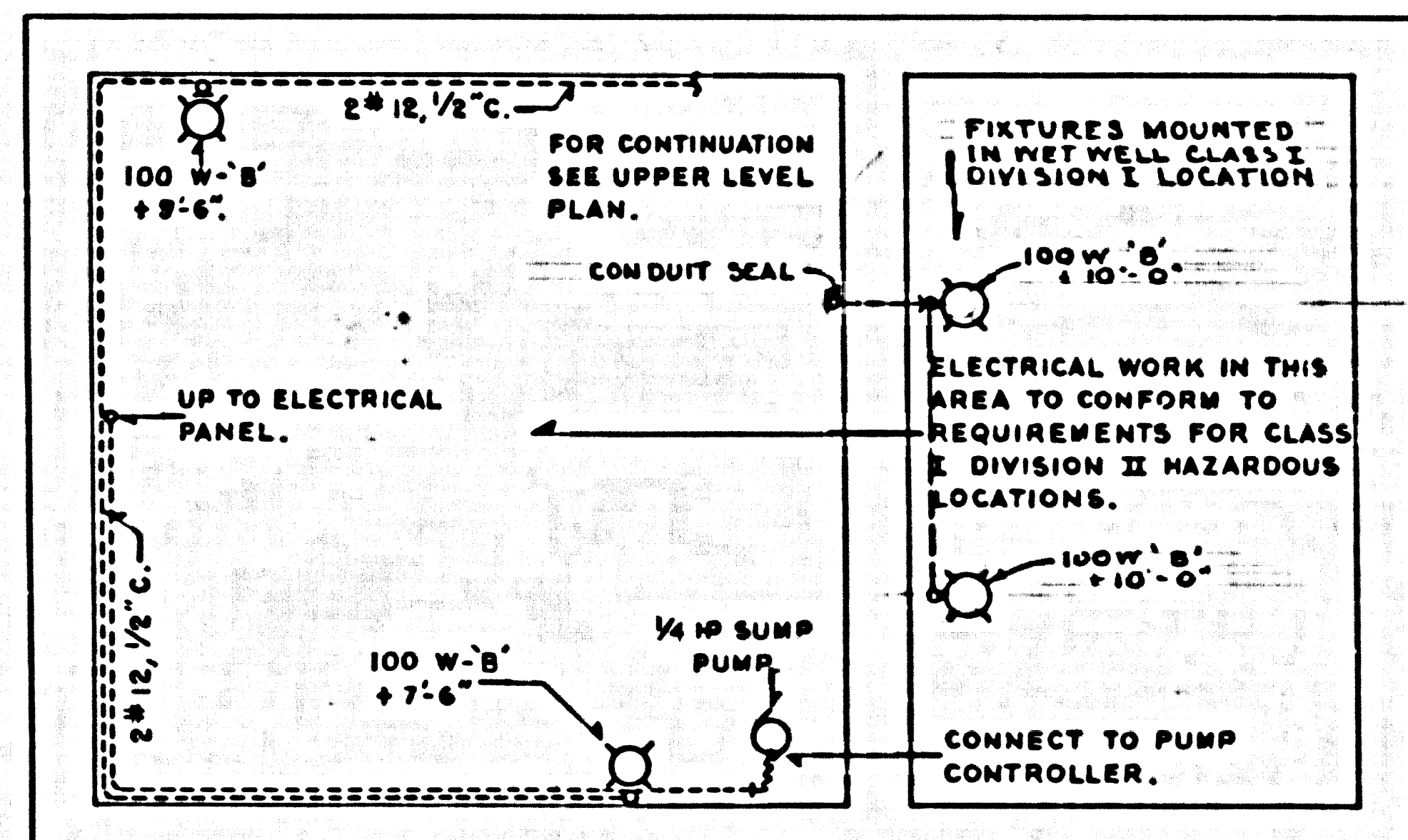
NOTE: ELEVATIONS BELOW SLANTED LINES INDICATE FINISHED GRADE OF PLANT SITE. ELEVATIONS ABOVE SLANTED LINES INDICATE EXISTING GRADE. ARROWS INDICATE PROPOSED DRAINAGE OF PROPERTY.

GENERAL LOCATION SHOWN ON SHEET 5 OF FORCE MAIN PLAN & PROFILE.

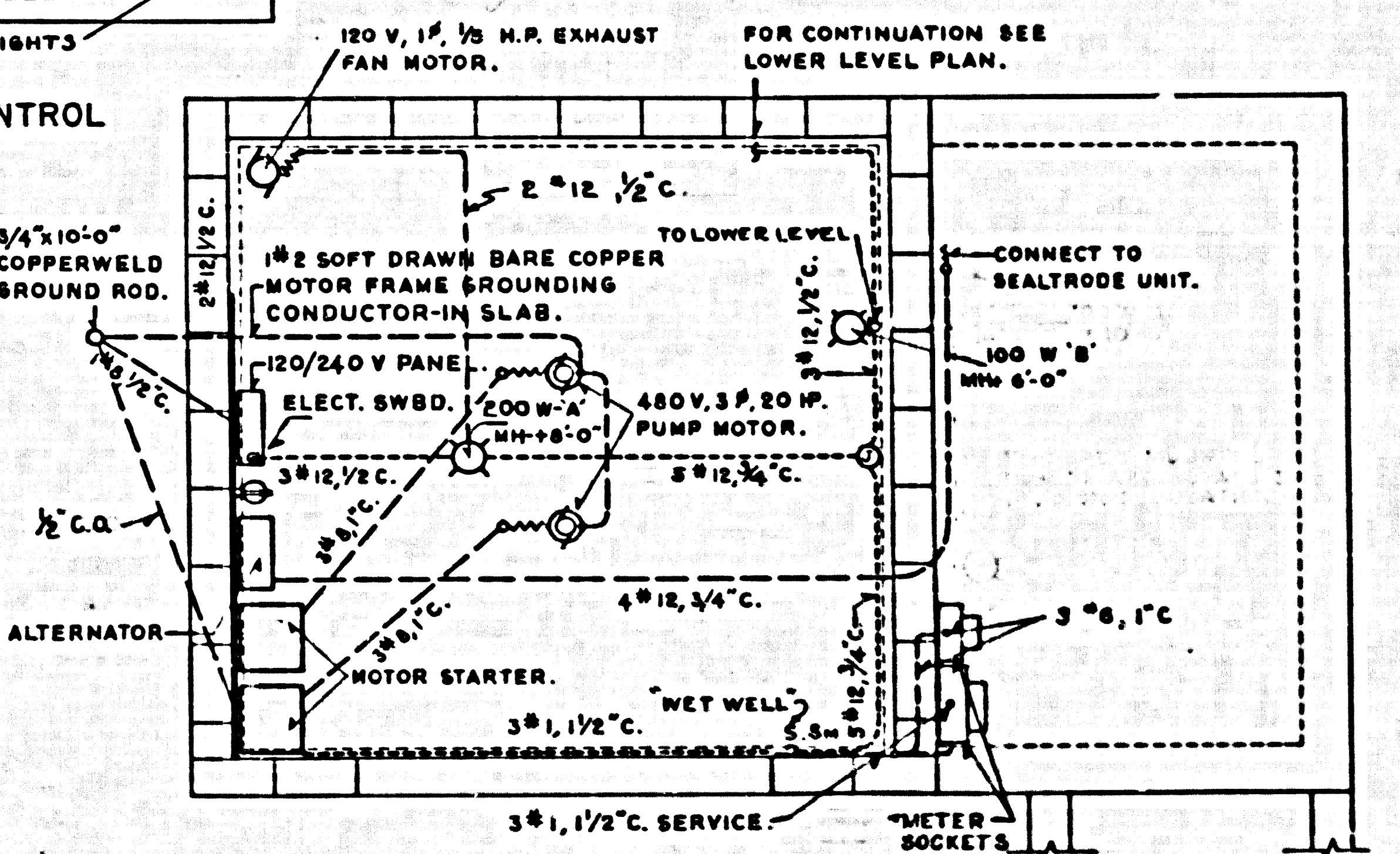
PLOT PLAN
SCALE 1"=5'-0"



LIGHT & FAN CONTROL



LOWER LEVEL ELECTRICAL LAYOUT.
SCALE 3/8"=1'-0"



UPPER LEVEL ELECTRICAL LAYOUT
SCALE 3/8"=1'-0"

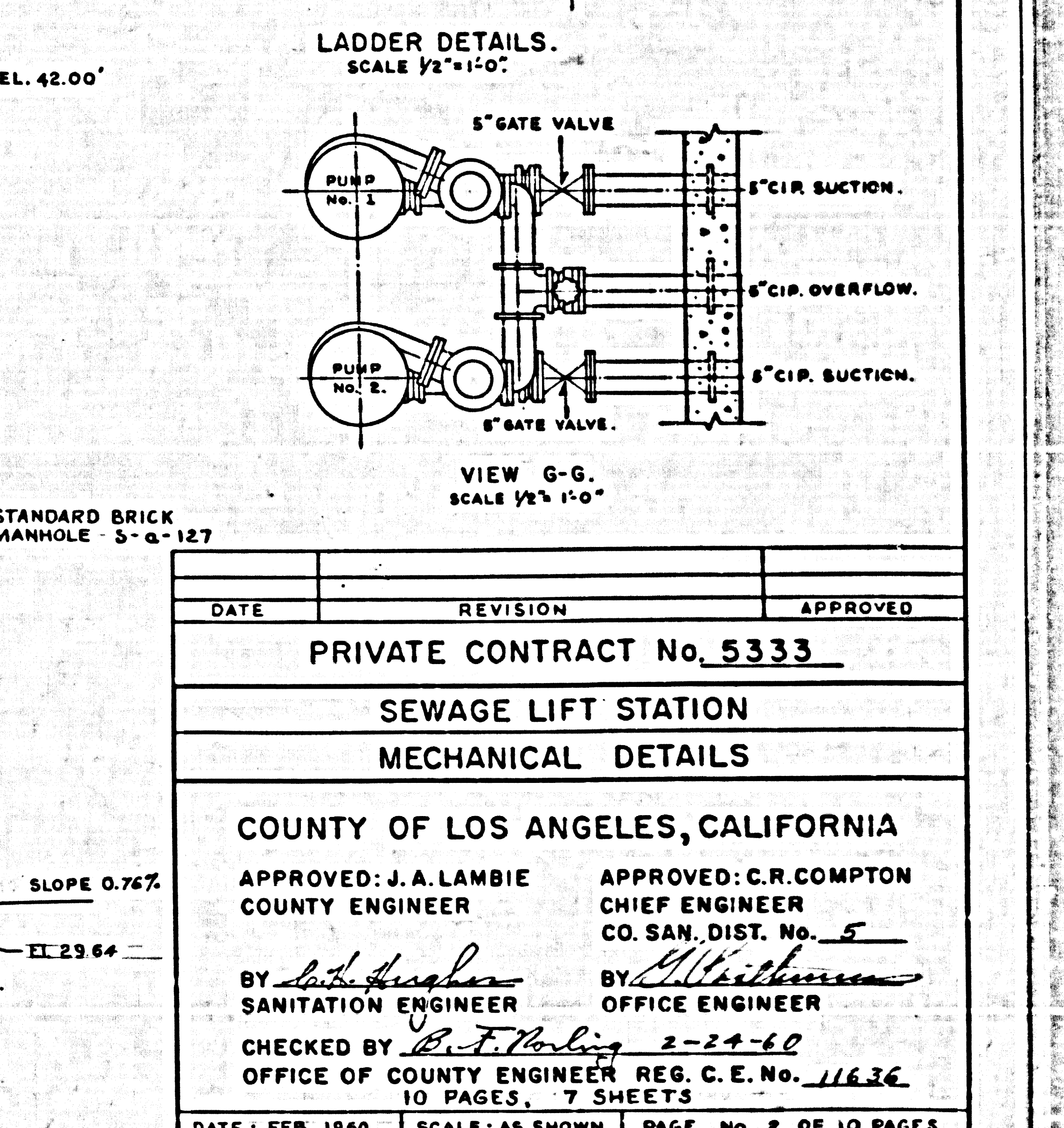
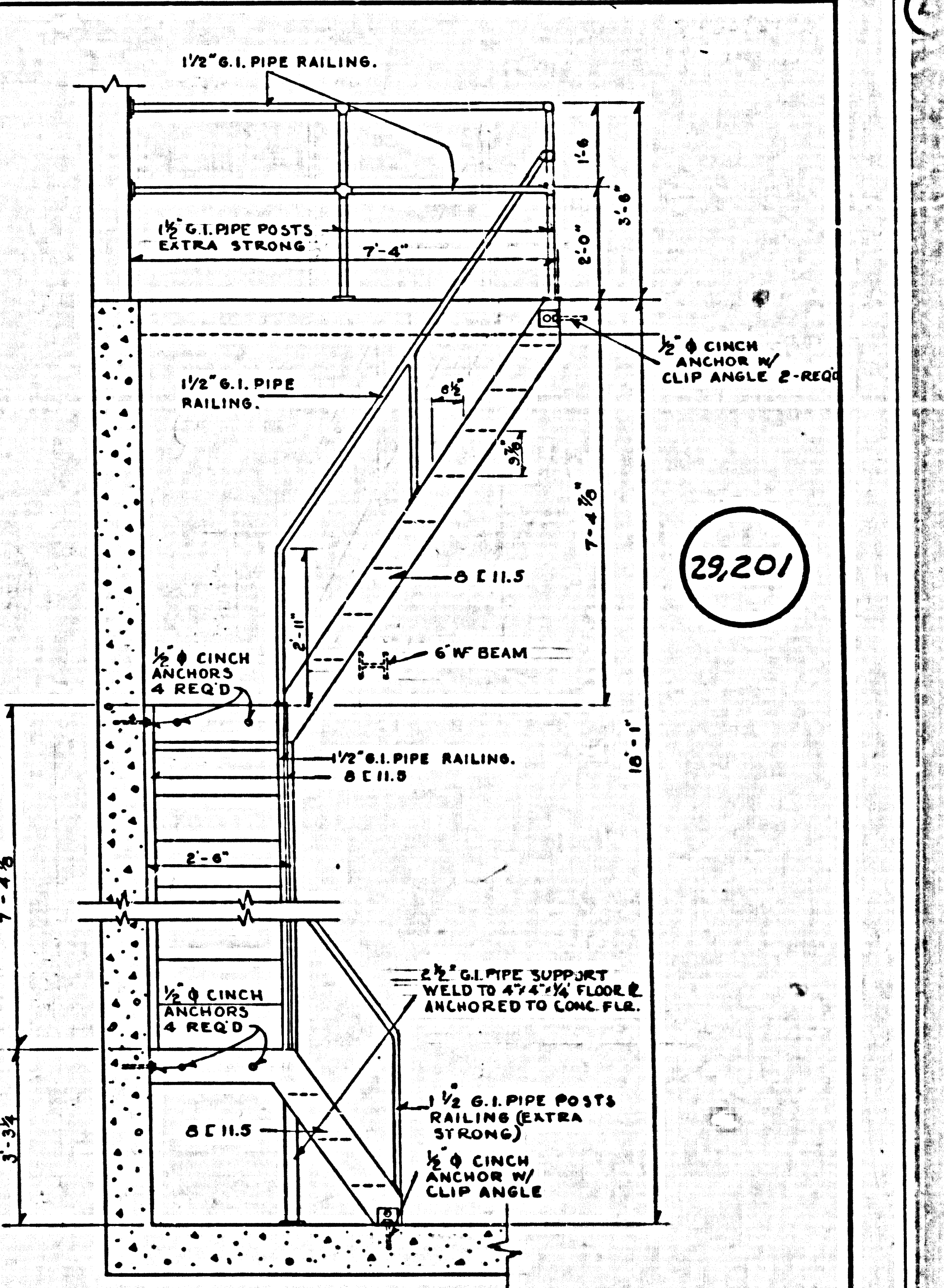
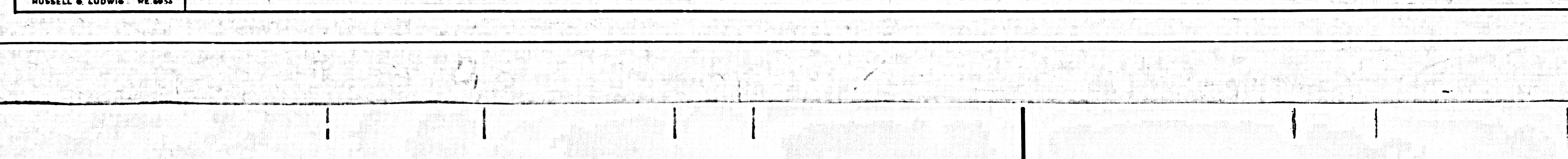
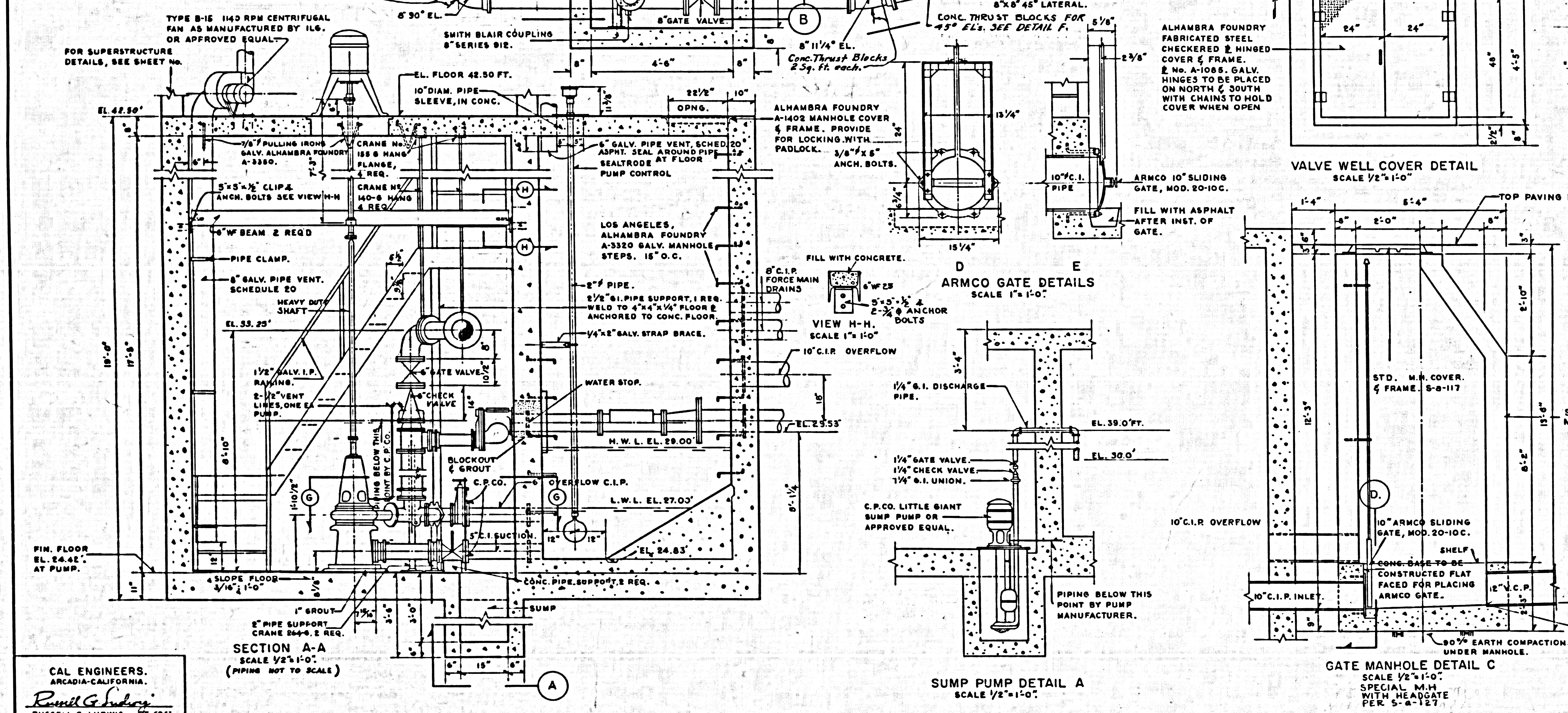
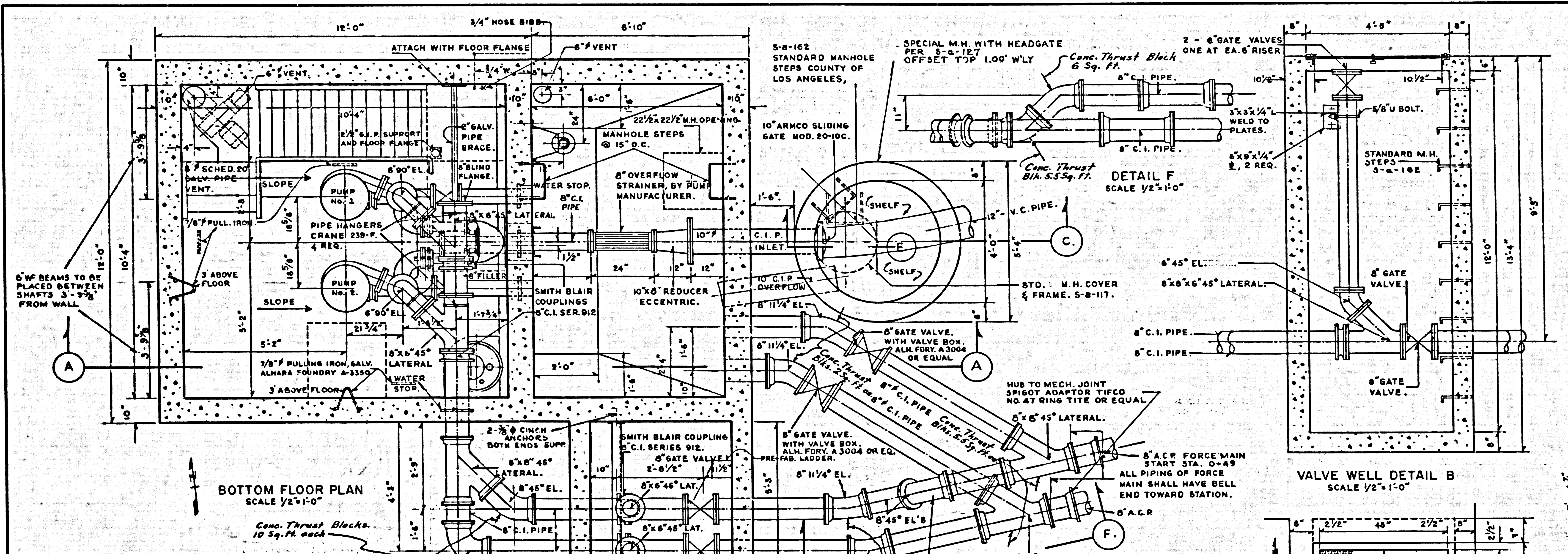
NOTE: THE GENERAL NOTES ON PAGE 1 OF RC 5333-B THE SPECIFICATION BOOK OF P.C. 5333, AND THE STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED JANUARY 1, 1980, ALL APPLY IN THE CONSTRUCTION OF THIS PROJECT. DIM'S ARE ALSO SHOWN ON PAGE 1 P.C. 5333-B FOR P.C. 5333.

REVISION: Eliminate concrete encasing on A.C. Pipe on Pages 8 thru 9. Submit for approval. Detail on Page 5. Approved: B.F. Moring 4-9-60

REVISION: Page 11 Pump shafts and gate M.M. moved 2 1/2" W. to clear the shaft. Page 8 & 9: Submitting revised to agree. Page 11: Revise Street Signs. Approved: B.F. Moring 4-9-60

DATE	REVISION	APPROVED
PRIVATE CONTRACT No. 5333		
SEWAGE LIFT STATION		
PLOT PLAN AND ELECTRICAL DETAILS		
COUNTY OF LOS ANGELES, CALIFORNIA		
APPROVED: J. A. LAMBIE COUNTY ENGINEER	APPROVED: C. R. COMPTON CHIEF ENGINEER CO. SAN. DIST. No. 5	
BY: <i>B. F. Moring</i> SANITATION ENGINEER	BY: <i>[Signature]</i> OFFICE ENGINEER	
CHECKED BY: <i>B. F. Moring</i> 2-29-60		
OFFICE OF COUNTY ENGINEER REG. C. E. No. 11636		
10 PAGES, 7 SHEETS		
DATE: FEB, 1960	SCALE: AS SHOWN	PAGE No. 1 OF 10 PAGES

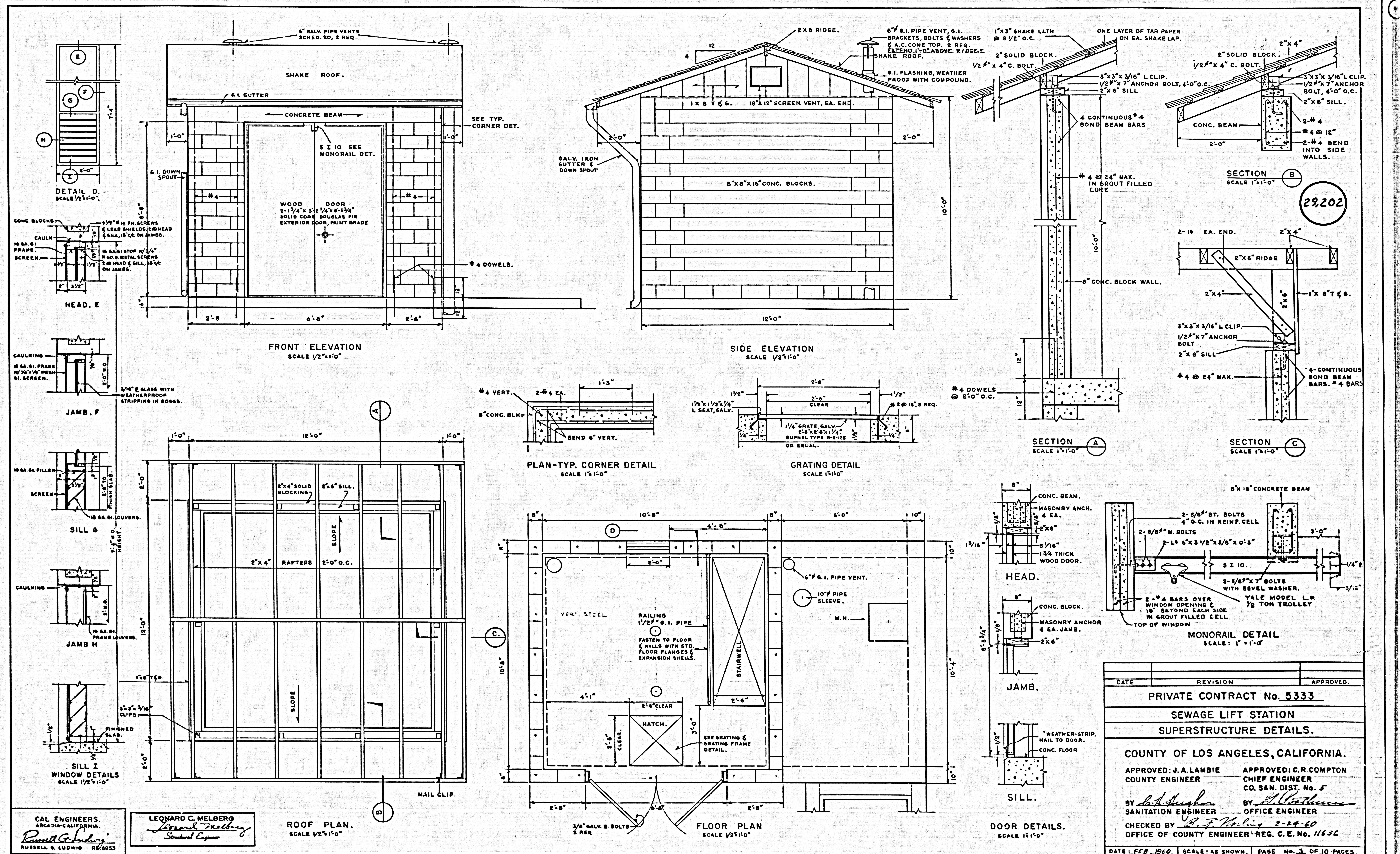
CAL ENGINEERS,
ARCADIA, CALIFORNIA.
Russell & Ludwig
RUSSELL & LUDWIG RE. 6953



DATE	REVISION	APPROVED
PRIVATE CONTRACT No. 5333		
SEWAGE LIFT STATION		
MECHANICAL DETAILS		
COUNTY OF LOS ANGELES, CALIFORNIA		
APPROVED: J. A. LAMBIE COUNTY ENGINEER	APPROVED: C. R. COMPTON CHIEF ENGINEER CO. SAN. DIST. No. 5	
BY <i>John Hughes</i> SANITATION ENGINEER	<i>W. H. Williams</i> OFFICE ENGINEER	
CHECKED BY <i>B. F. Poling</i> 2-24-60		
OFFICE OF COUNTY ENGINEER REG. C. E. No. 11636		
10 PAGES, 7 SHEETS		
DATE: FEB, 1960	SCALE: AS SHOWN.	PAGE No. 2 OF 10 PAGES

CAL ENGINEERS,
ARCADIA-CALIFORNIA
Russell G. Ludwig
RUSSELL G. LUDWIG INC. 6015

29,201



29202

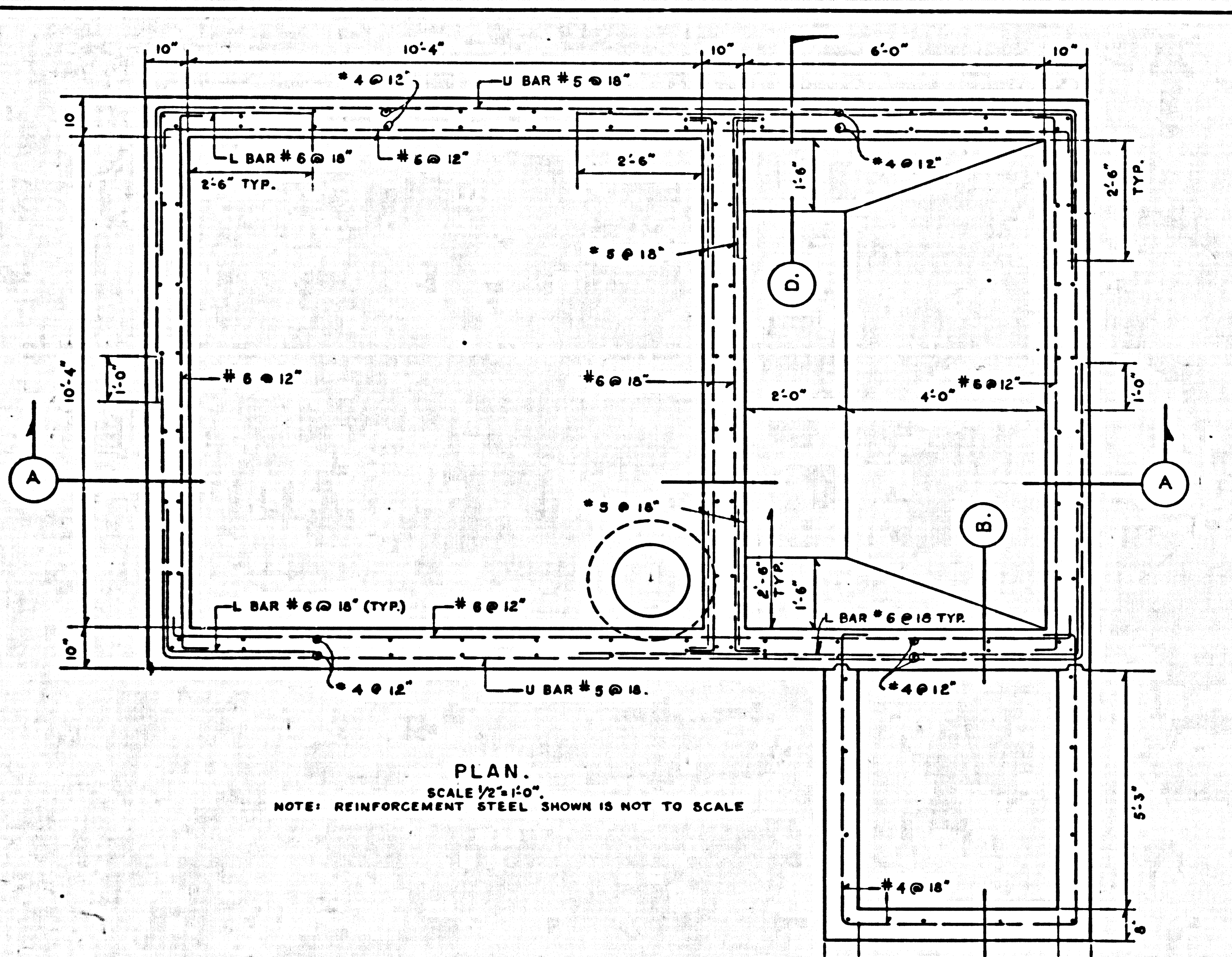
CAL ENGINEERS
ARCADIA-CALIFORNIA
Russell & Ludwig
RUSSELL & LUDWIG R-0053

LEONARD C. MELBERG
Leonard Melberg
Structural Engineer

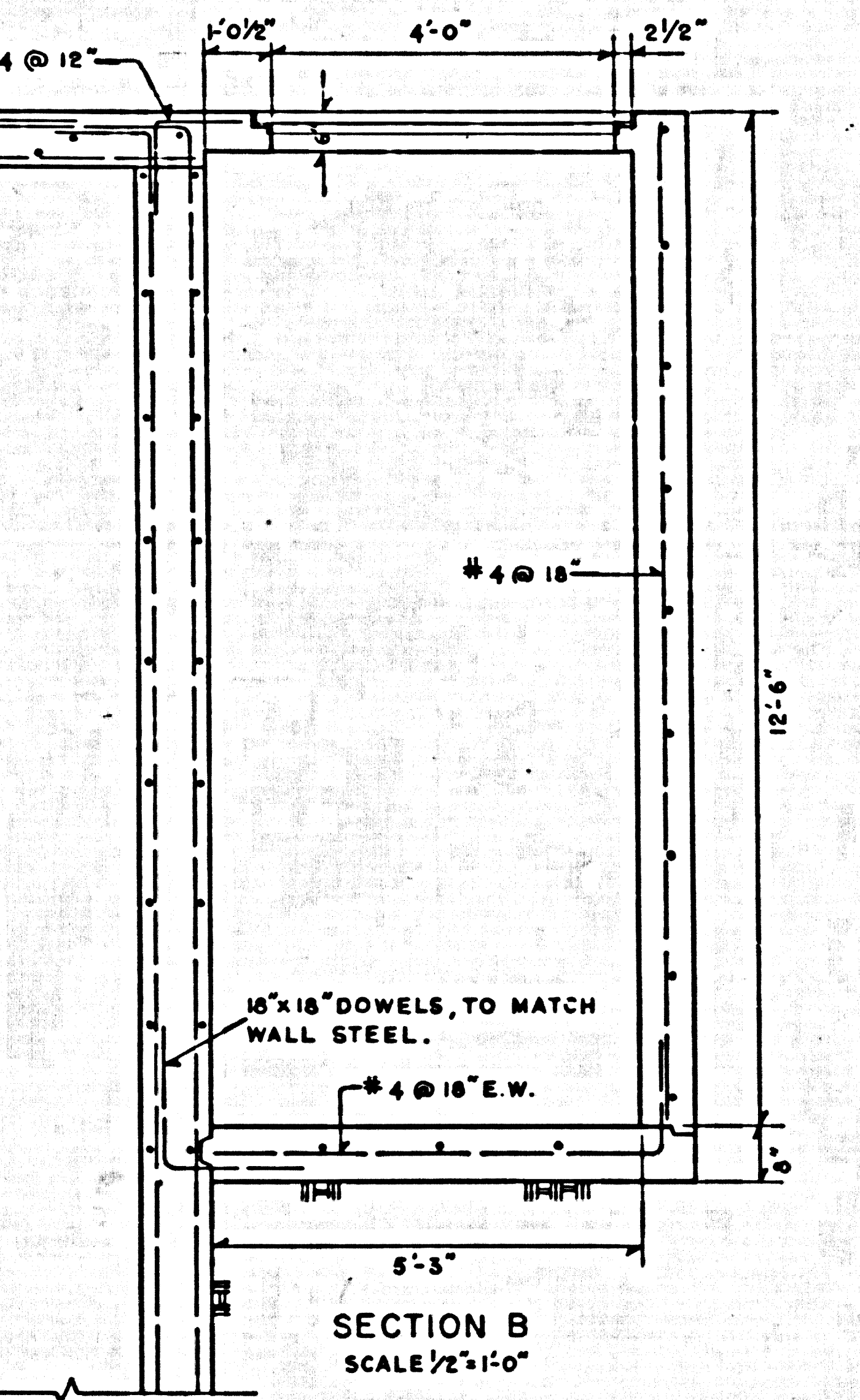
ROOF PLAN.
SCALE 1/2"=1'-0"

FLOOR PLAN
SCALE 1/2"=1'-0"

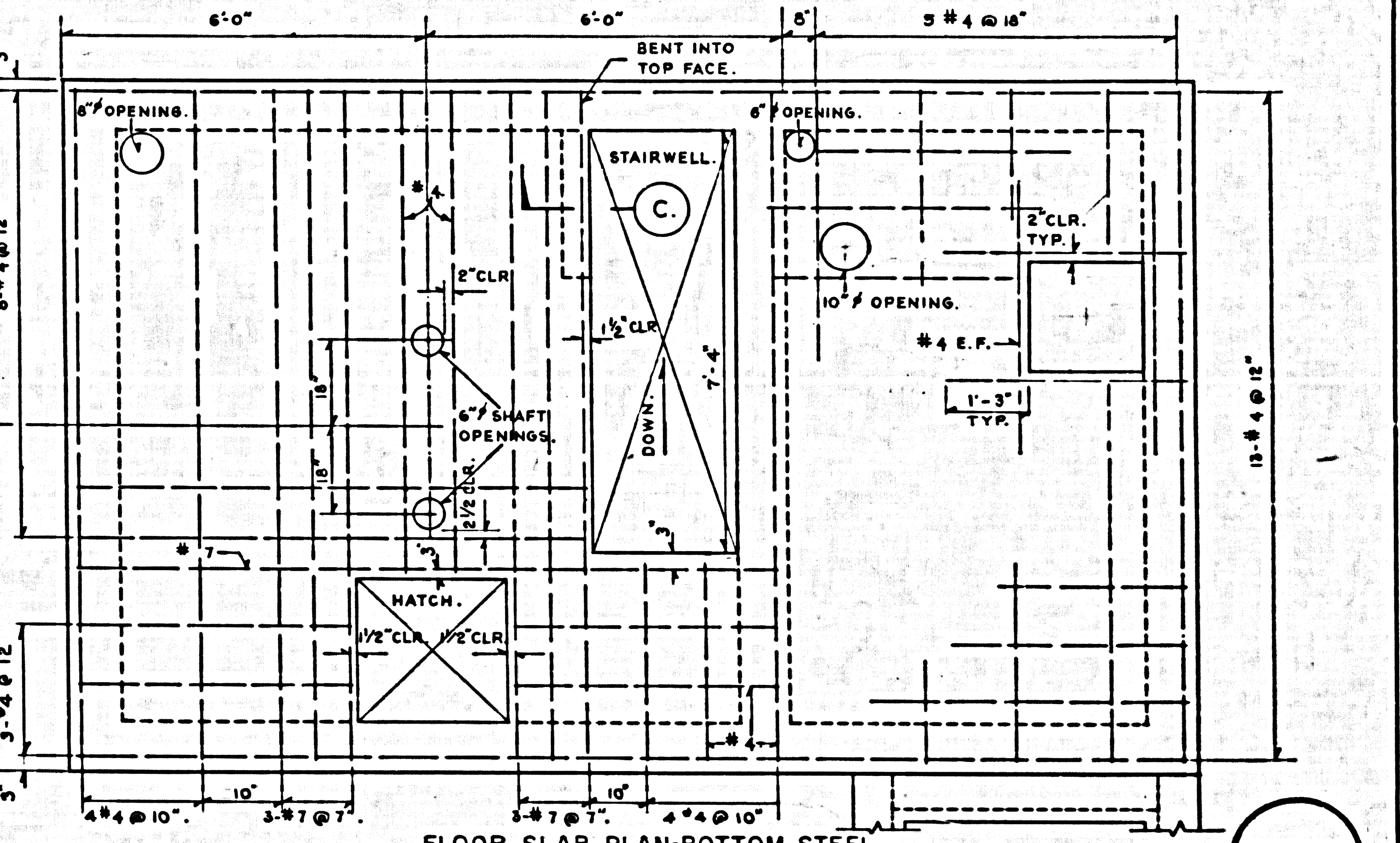
DATE	REVISION	APPROVED
PRIVATE CONTRACT No. 5333		
SEWAGE LIFT STATION SUPERSTRUCTURE DETAILS.		
COUNTY OF LOS ANGELES, CALIFORNIA.		
APPROVED: J. A. LAMBIE COUNTY ENGINEER	APPROVED: C. R. COMPTON CHIEF ENGINEER CO. SAN. DIST. No. 5	
BY <i>[Signature]</i> SANITATION ENGINEER	BY <i>[Signature]</i> OFFICE ENGINEER	
CHECKED BY <i>[Signature]</i> 2-24-60		
OFFICE OF COUNTY ENGINEER - REG. C. E. No. 11636		
DATE: FEB. 1960	SCALE: AS SHOWN.	PAGE No. 1 OF 10 PAGES



PLAN.
SCALE 1/2"=1'-0"
NOTE: REINFORCEMENT STEEL SHOWN IS NOT TO SCALE

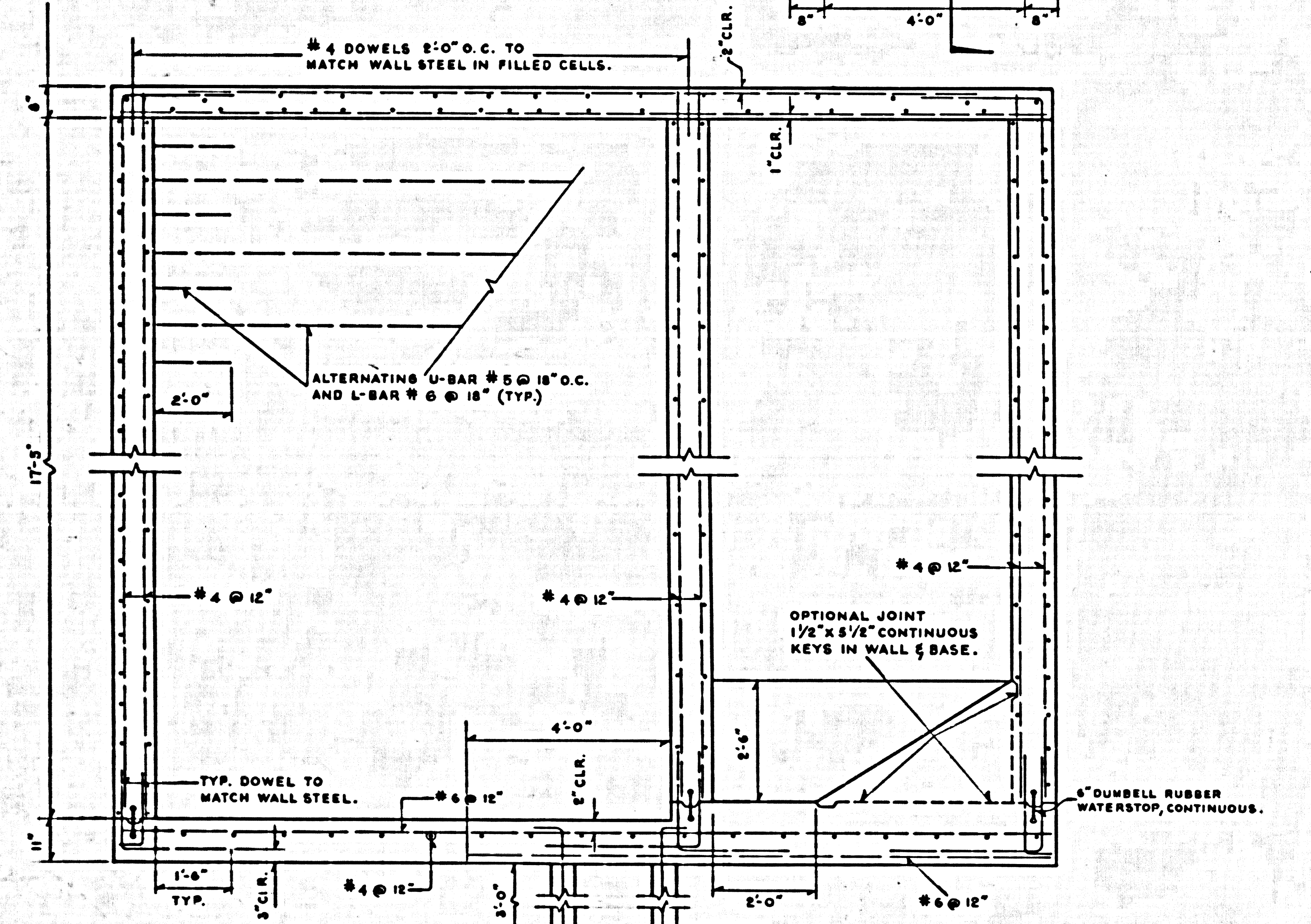


SECTION B
SCALE 1/2"=1'-0"

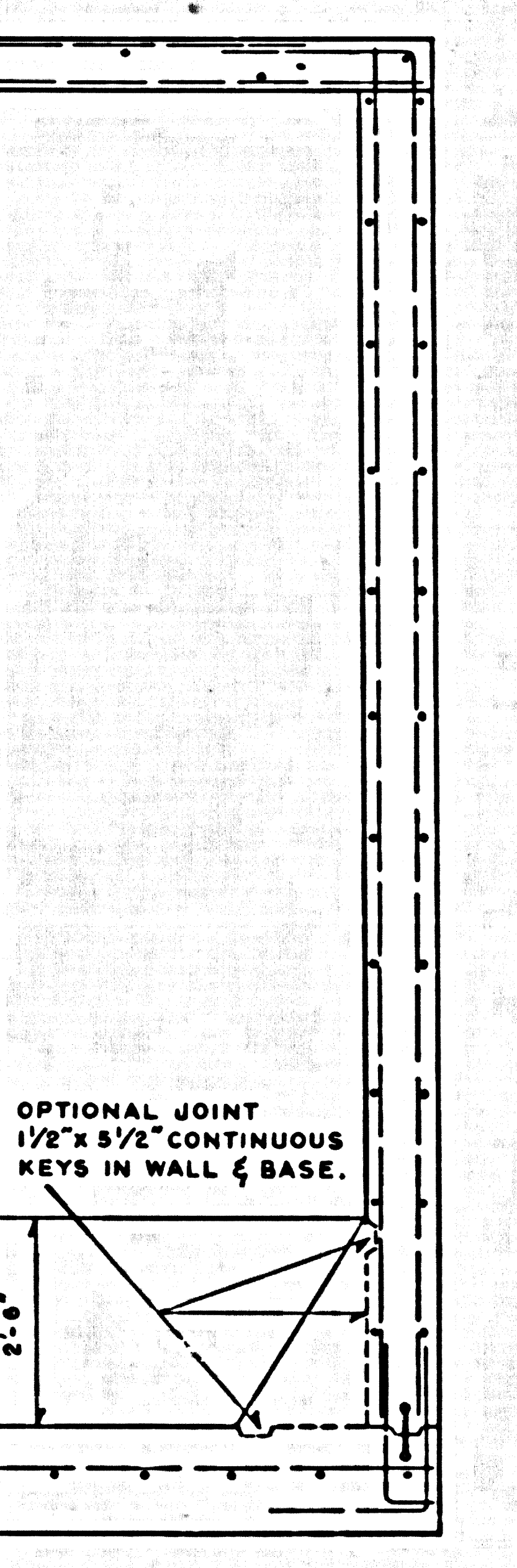


FLOOR SLAB PLAN-BOTTOM STEEL.
SCALE 1/2"=1'-0"

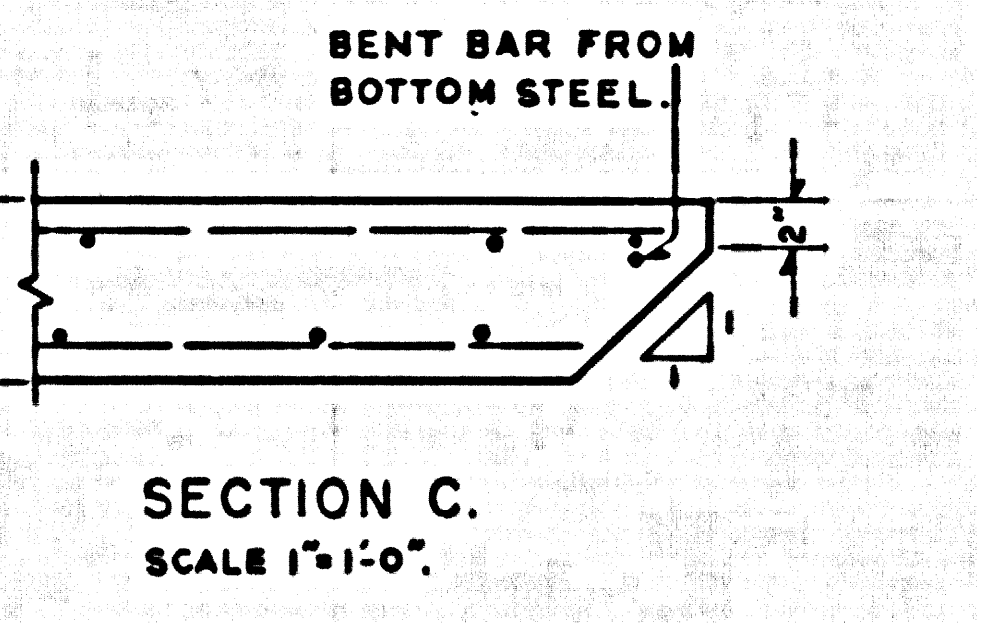
29,203



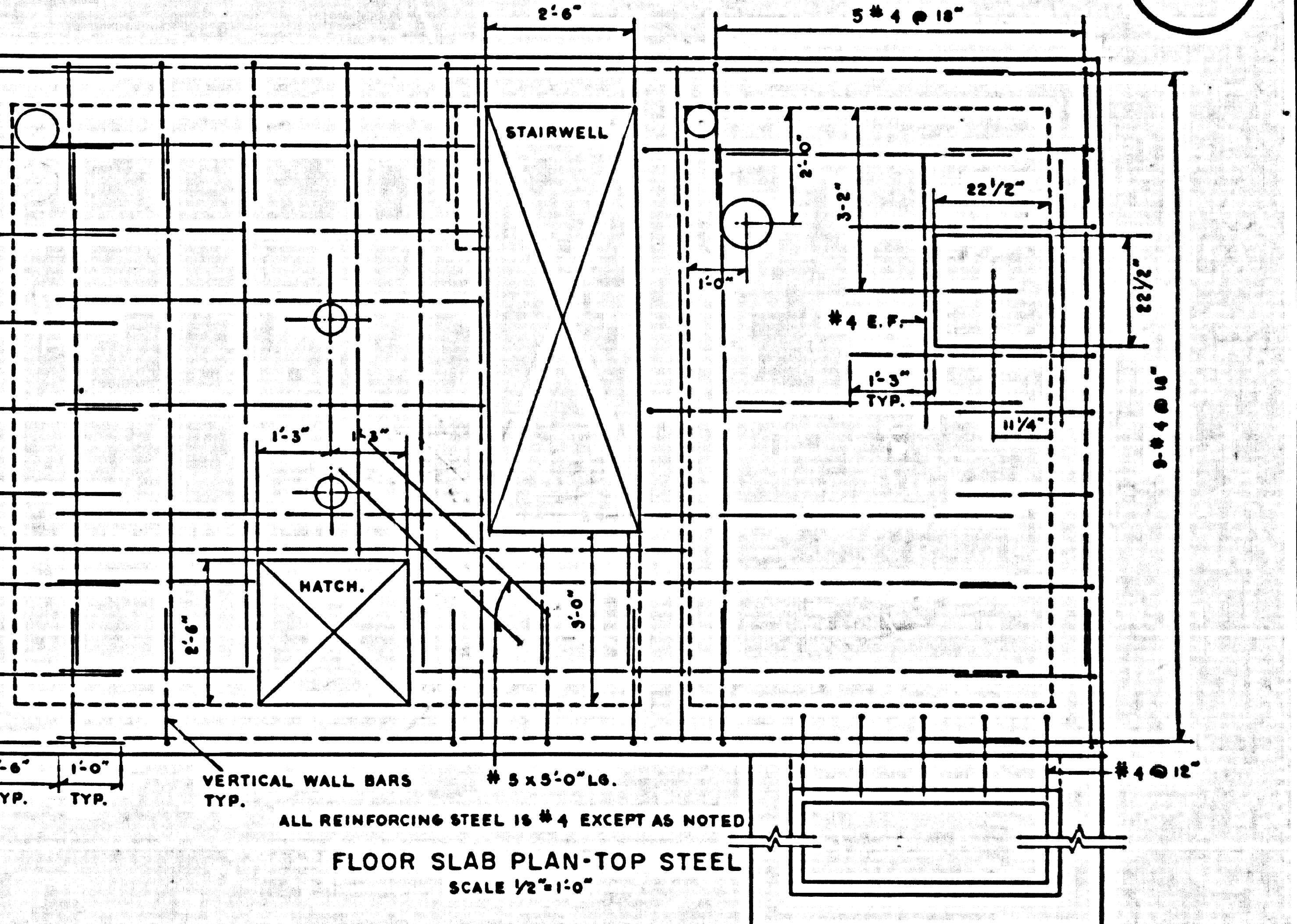
SECTION A-A.
SCALE 1/2"=1'-0"
NOTE: REINFORCEMENT STEEL SHOWN IS NOT TO SCALE



SECTION D.
SCALE 1/2"=1'-0"



SECTION C.
SCALE 1"=1'-0"



FLOOR SLAB PLAN-TOP STEEL.
SCALE 1/2"=1'-0"

NOTE:
1. STEEL CLEARANCE ON WALLS IS 2" UNLESS OTHERWISE NOTED.
2. SPLICES ARE 24 BAR DIAMETERS UNLESS OTHERWISE NOTED.

CAL ENGINEERS.
ARCADIA-CALIFORNIA.
Russell & Ludwig
RUSSELL & LUDWIG R9/6953

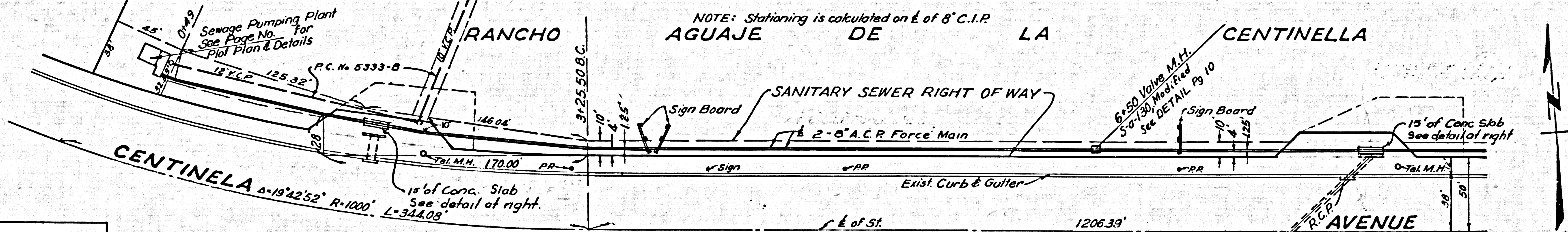
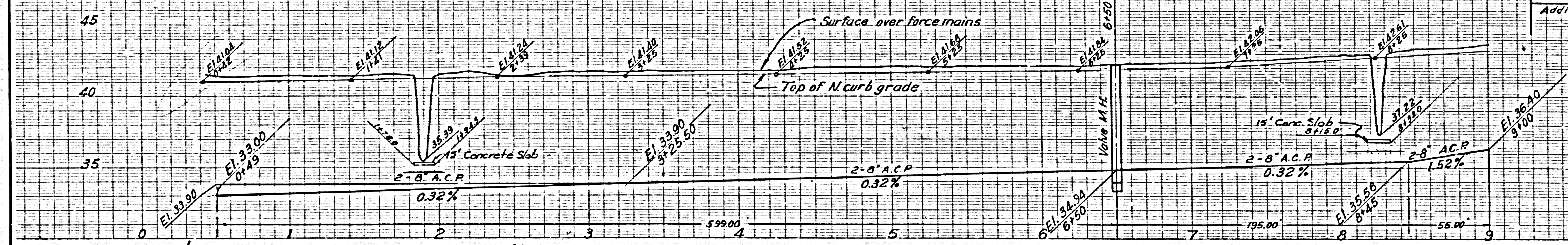
LEONARD C. MELBERG
Structural Engineer

DATE	REVISION	APPROVED
PRIVATE CONTRACT No. 5333		
SEWAGE LIFT STATION STRUCTURAL DETAILS		
COUNTY OF LOS ANGELES, CALIFORNIA		
APPROVED: J. A. LAMBIE COUNTY ENGINEER	APPROVED: C. R. COMPTON CHIEF ENGINEER CO. SAN. DIST. No. 5	
BY: [Signature] SANITATION ENGINEER	BY: [Signature] OFFICE ENGINEER	
CHECKED BY: R. F. [Signature] 2-29-60		
OFFICE OF COUNTY ENGINEER REG. C. E. No. 11636		
DATE: FEB, 1960	SCALE: AS SHOWN.	PAGE No. 4 OF 10 PAGES

B.M. Spk. in lead Top of N. Curb of Centinella Ave. @ E. R. Dow Chemical El. 41.03

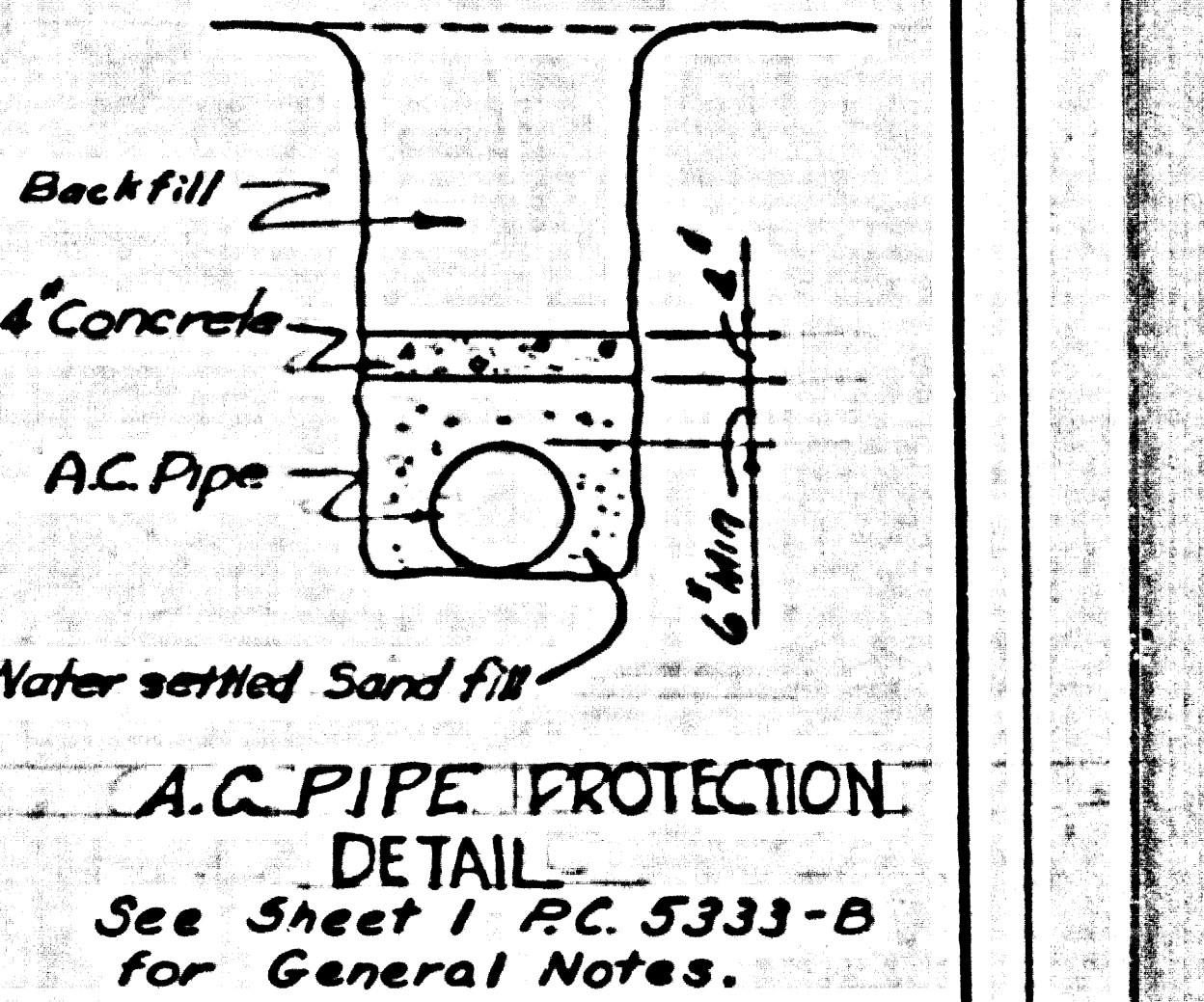
Additional B.M.'s Page 1 P.C. 5333 B 45

ISSUE NO PERMITS



NOTE: Stationing is calculated on E of 8' C.I.P.

CAL ENGINEERS
ARCADIA-CALIFORNIA
Russell G. Ludwig
RUSSELL G. LUDWIG R.E. 6553

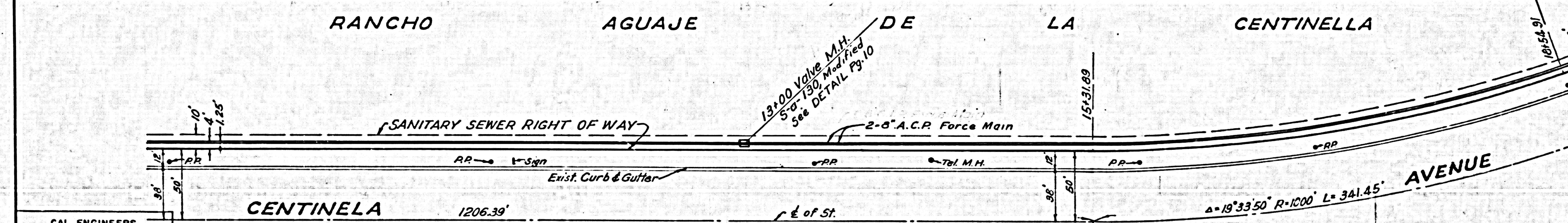
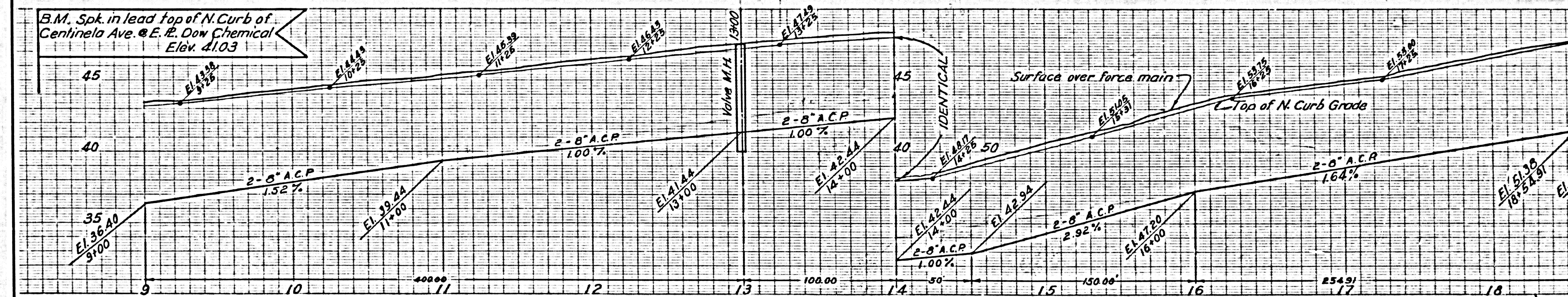


A.C. PIPE PROTECTION DETAIL
See Sheet 1 P.C. 5333-B for General Notes.

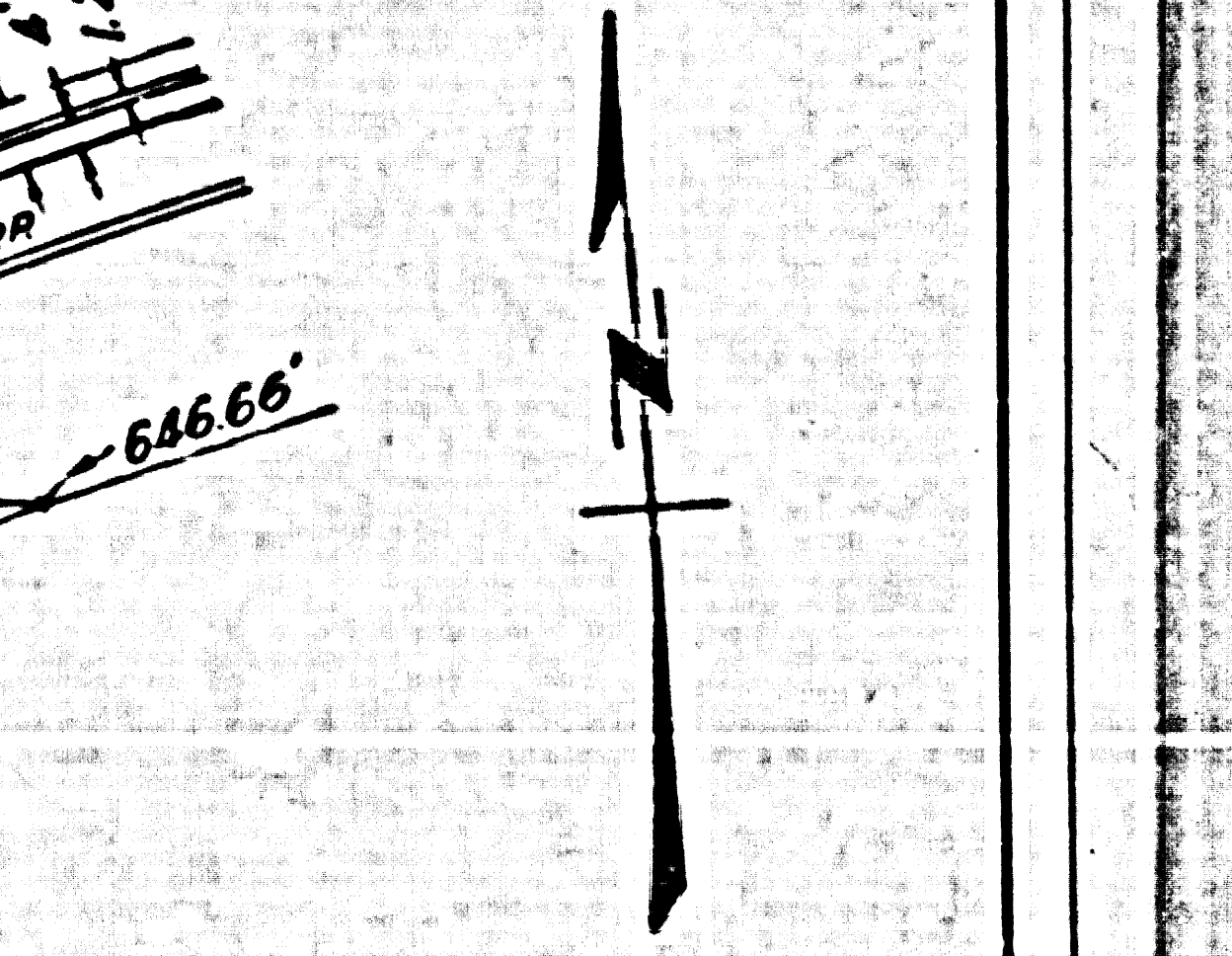
29,204

B.M. Spk. in lead top of N. Curb of Centinella Ave. @ E. R. Dow Chemical El. 41.03

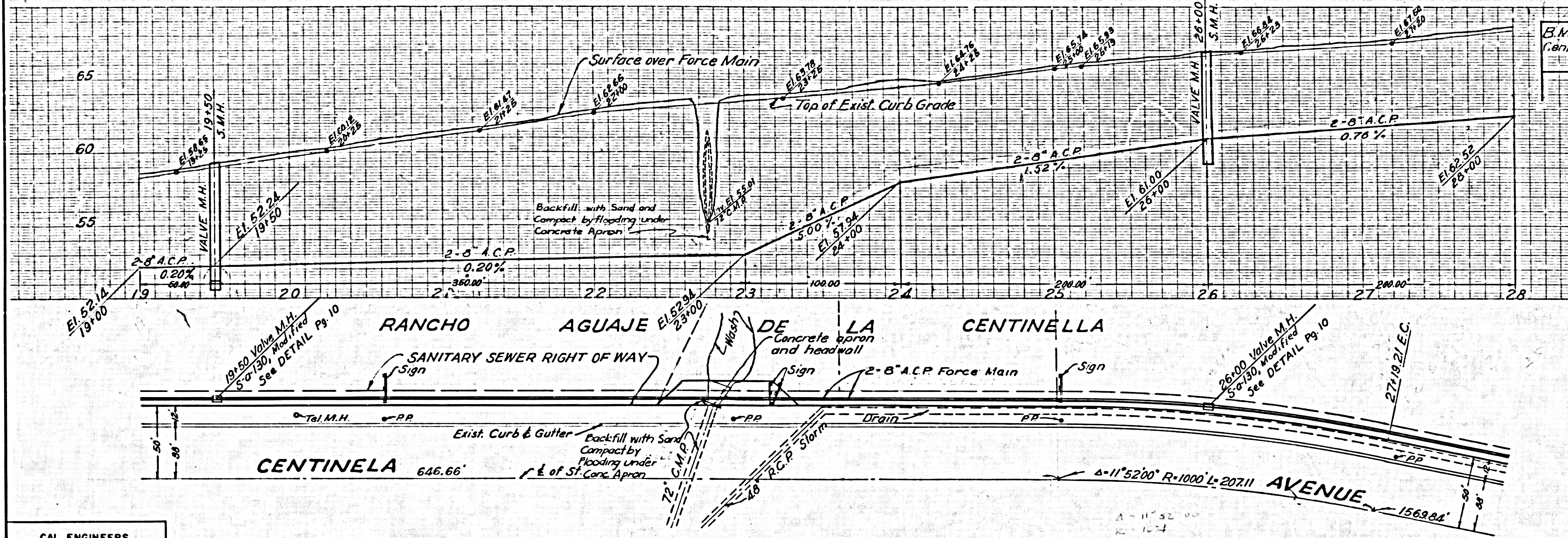
ISSUE NO PERMITS



CAL ENGINEERS
ARCADIA-CALIFORNIA
Russell G. Ludwig
RUSSELL G. LUDWIG R.E. 6553



29,205

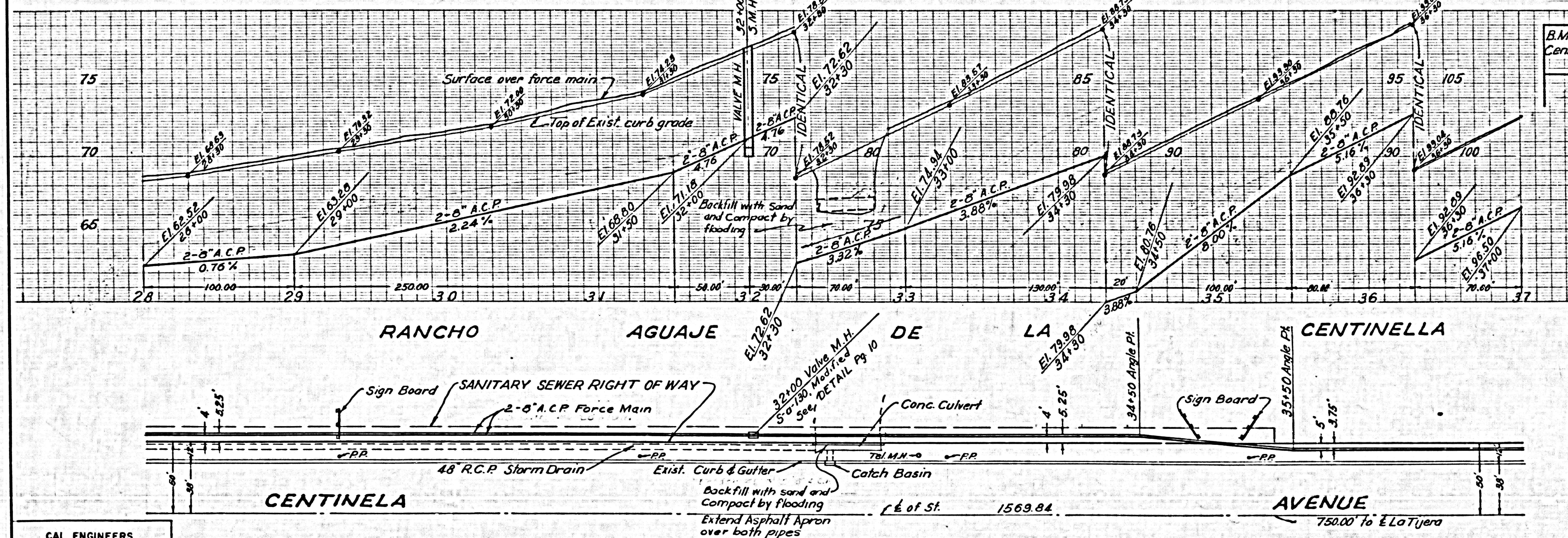


B.M. Spk & Washer top of S Curb of Centinela Ave. 230' W of E La Tijera Elev. 114.48

ISSUE NO PERMITS

29,206

CAL ENGINEERS
ARCADIA CALIFORNIA
Russell G. Ludwig
RUSSELL & LUDWIG R.E. 6483

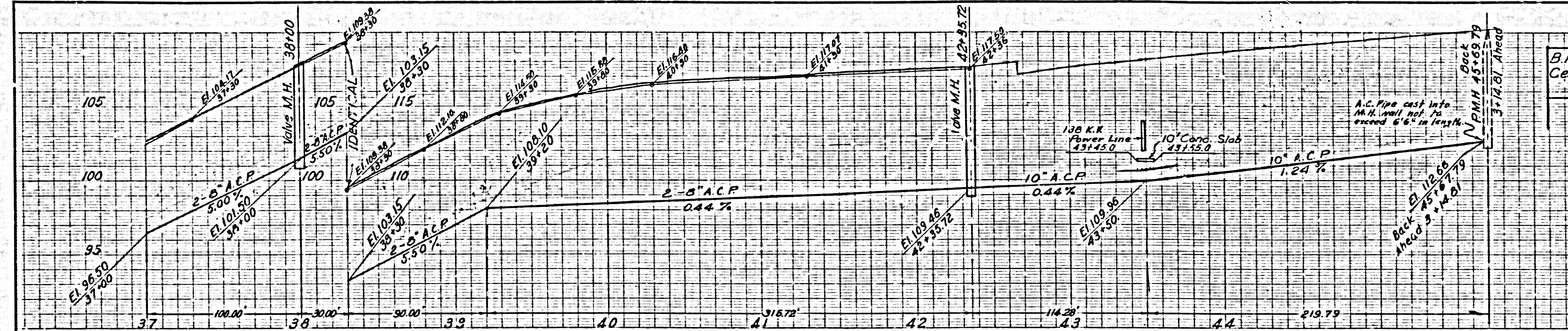


B.M. Spk & Washer top of S Curb of Centinela Ave. 230' W of E La Tijera Elev. 114.48

ISSUE NO PERMITS

29,207

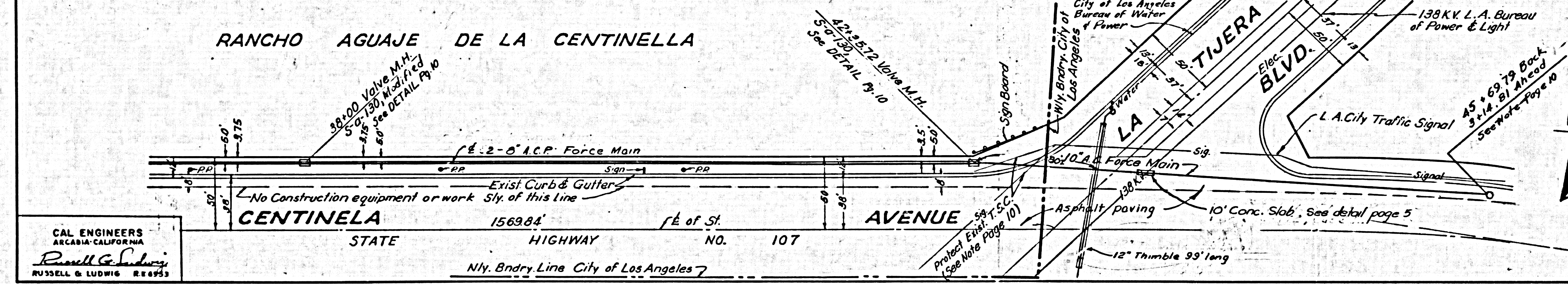
CAL ENGINEERS
ARCADIA CALIFORNIA
Russell G. Ludwig
RUSSELL & LUDWIG R.E. 6483



B.M. Spk. & Washer top of S.Curb of Centinela Ave. 230' W of E La Tijera Elev. 114.48

ISSUE NO PERMITS

29,208



APPROVED 3-17 1960

M.R. Pearce
CITY ENGINEER
CITY OF INGLEWOOD

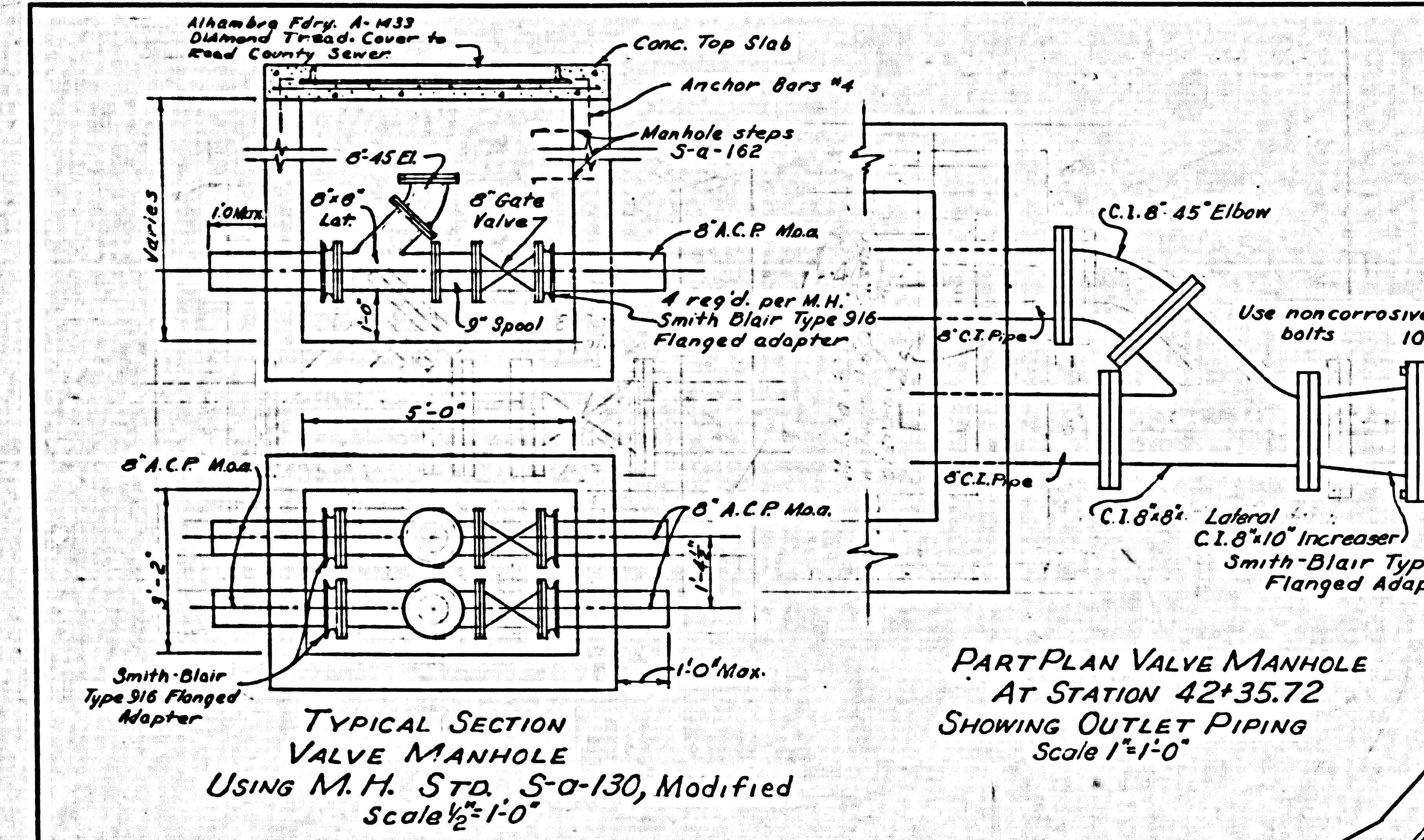
CITY OF LOS ANGELES
LYALL A. PARDEE - CITY ENGINEER

SUBMITTED Feb 17 1960

BY *M. H. ...*

APPROVED Feb 17 1960
Lyall A. Pardee
CITY ENGINEER

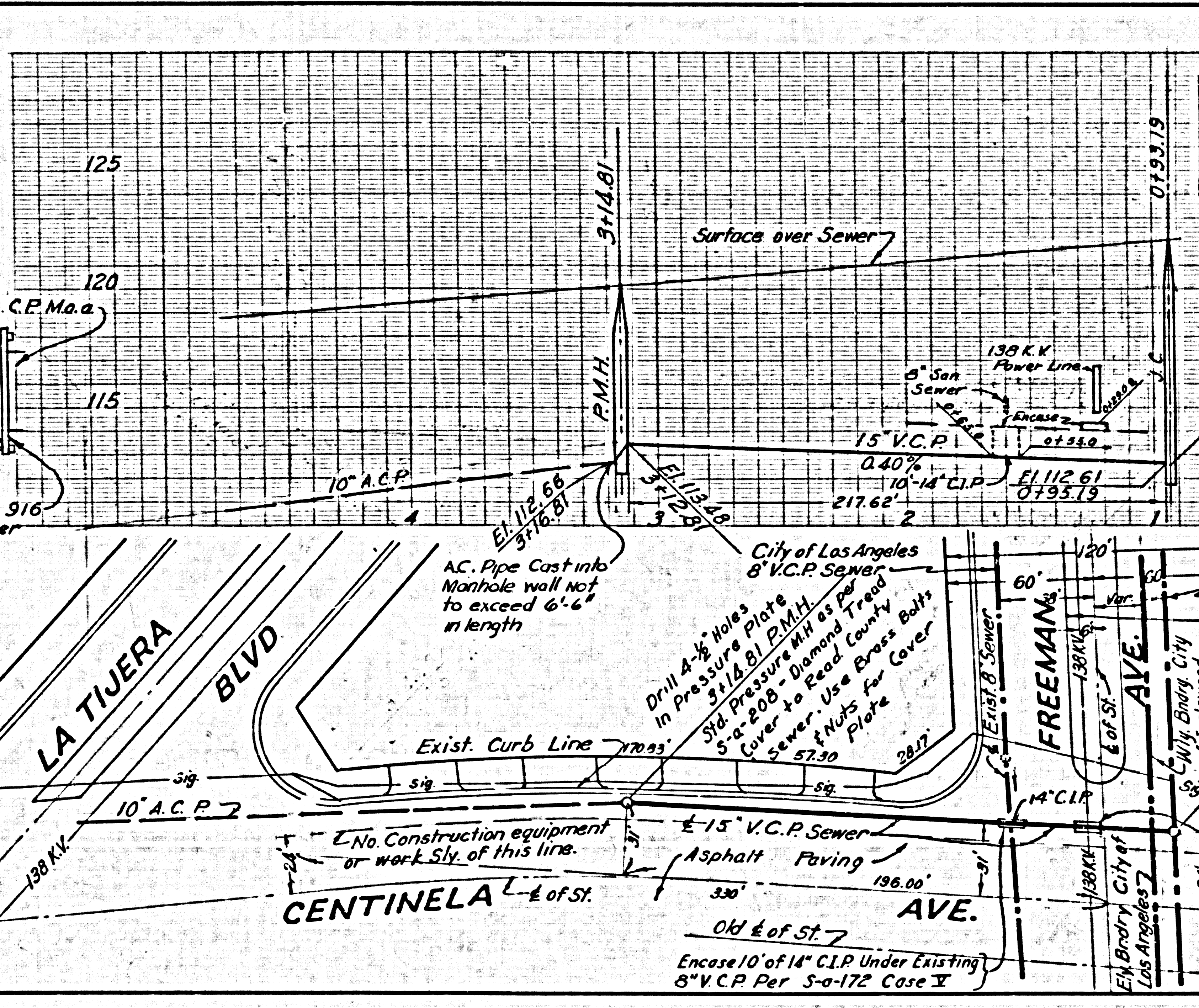
CAL ENGINEERS
ARCADIA-CALIFORNIA
Russell G. Ludwig
RUSSELL & LUDWIG R.E. 4953



PART PLAN VALVE MANHOLE AT STATION 42+35.72 SHOWING OUTLET PIPING Scale 1\"/>

TRAFFIC SIGNAL NOTES
Existing Traffic Signal Equipment shall be protected by Contractor. Should they be damaged by the Contractor in performance of his work, he shall immediately contact Dept. of Traffic and they shall be replaced by him to the satisfaction of the Construction Superintendent, Dept. of Traffic. Plans for Traffic Signal installation may be seen in Room 1000, City Hall.

CAL ENGINEERS
ARCADIA-CALIFORNIA
Russell G. Ludwig
RUSSELL & LUDWIG R.E. 4953



B.M. Spk. & Washer top of S.Curb of Centinela Ave 230' W of E La Tijera Elev. 114.48

ISSUE NO PERMITS

29,209

City of Los Angeles
Dept. of Water and Power
138 K.V.
Enclose 10' of 14\"/>

CAL ENGINEERS
ARCADIA-CALIFORNIA
Russell G. Ludwig
RUSSELL & LUDWIG R.E. 4953

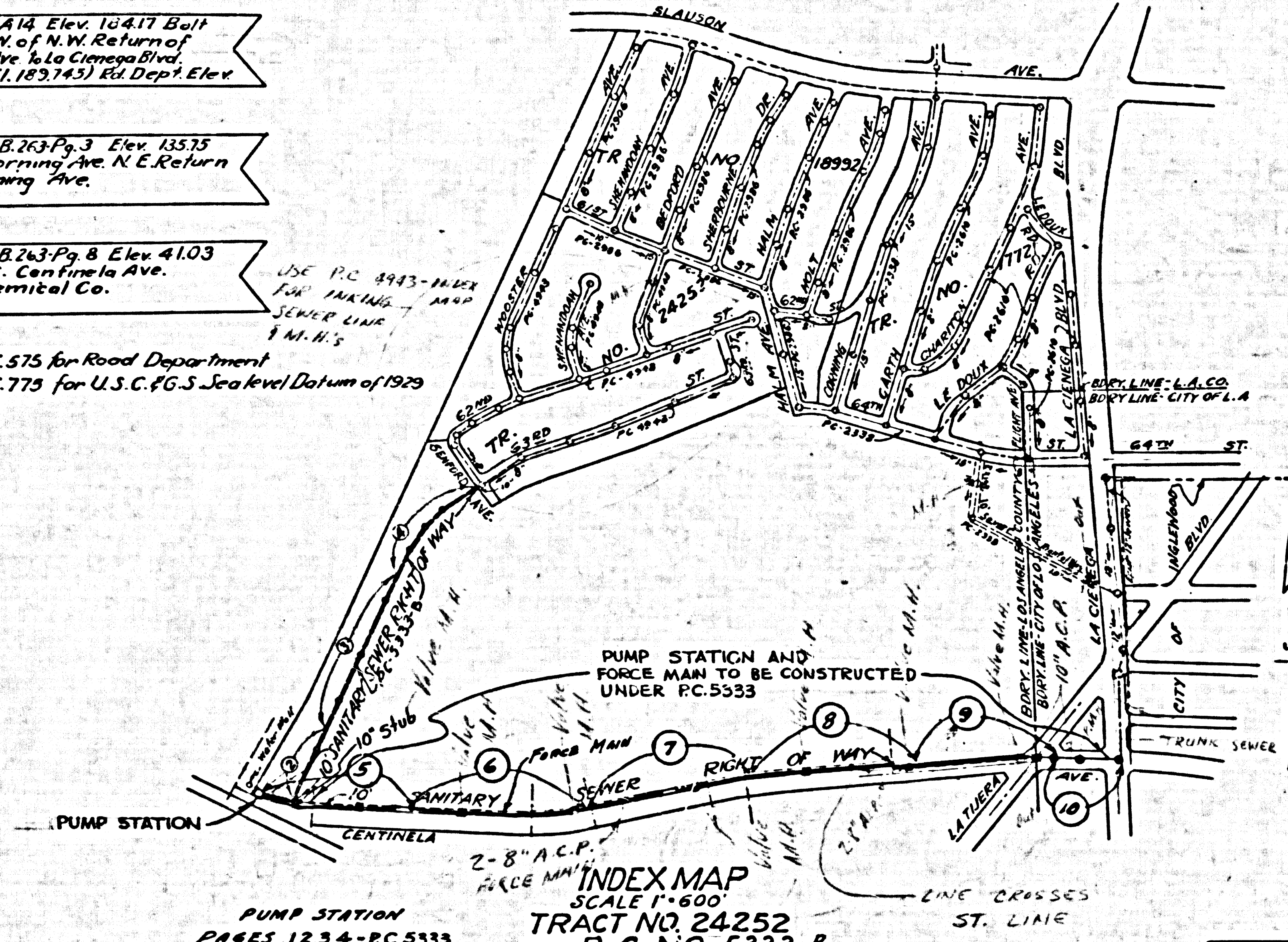
B.M. L.Q. 754-360 D.M. A-14 Elev. 104.17 Built Washer Jet in lead 2 W. of N.W. Return of N.E. Camp on 1/1 Javon Ave. to La Cienega Blvd. L.A.I.F.B. 200-H (E.I. 189743) Rd Dept Elev

B.M. L.A.I. Company F.B. 263-Pg. 3 Elev. 135.75 chiseled knob E curb Corning Ave. N.E. Return 64th Street and Corning Ave.

B.M. L.A.I. Company F.B. 263-Pg. 8 Elev. 41.03 Spk Set in lead No. T.C. Centinela Ave. East P.L. of Dow Chemical Co.

NOTE:
Old L.A. City Datum - Add 5.575 for Road Department
Old L.A. City Datum Add 5.775 for U.S.C.F.G.S. Sea Level Datum of 1929

USE P.C. 4943-14122 FOR MAINLINE AND SERVICE LINE 8 M.H.'S



INDEX MAP
SCALE 1"=600'
TRACT NO. 24252
P. C. NO. 5333-B

LENNOX BLDG. DIST. NO. 7

- NOTES:
1. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT 90° ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 2. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 3. THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND Y BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT LINE PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ANY CHANGE IN LOCATION SHALL BE REQUESTED IN WRITING BY THE OWNER OR HIS REPRESENTATIVE.
 4. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
 5. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 6. USE STANDARD MANHOLE FRAMES AND COVERS, S-117, EXCEPT AS NOTED.
 7. USE STANDARD STRENGTH PIPE EXCEPT AS NOTED.
 8. USE CEMENT MORTAR OR "WEDGE-LOCK" OR "SPEED-SEAL" FOR ALL V.C.P. JOINTS PER SPECS. SECS. 34 & 41.
 9. RESURFACE ALL TRENCH WITHIN PAVED AREA TO MEET L.A. COUNTY ROAD DEPT. OR CALIF. STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 10. INCASE FOUR FEET OF SEWER AT POINTS OF INTERFERENCE WITH POLES, CASE III, S-172.
 11. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6" FEET BELOW CURB GRADE EXCEPT AS NOTED.
 12. ALL STRUCTURES SHALL BE BRICK SEWER STRUCTURES, S-104, EXCEPT AS NOTED.
 13. FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 1, SPECS. SEC. 34.
 14. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE 6" INCHES ABOVE FINISHED GRADE.
 15. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION & STORM DRAIN DIVISION BY TELEPHONE, MADISON 9-27, EXT. 342, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 16. STANDARD SPECIFICATION'S DATED JANUARY 1960 APPLY IN THE CONSTRUCTION OF THIS PROJECT.

Before breaking into any existing structure and before final acceptance of this work, County Sanitation District (DU 4-1281) shall be notified in order that required inspection can be made.

NO CHARGE FOR CONNECTIONS
Celia B. Ready

REVISION:
6" H.L.'S added along proposed Wooster Ave.
Approved: *B.F. Worling* 4-21-60
Office of County Engineer R.E.N. 11636

PROFILE ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1
TO BE CONSTRUCTED IN J.N. 0352.12

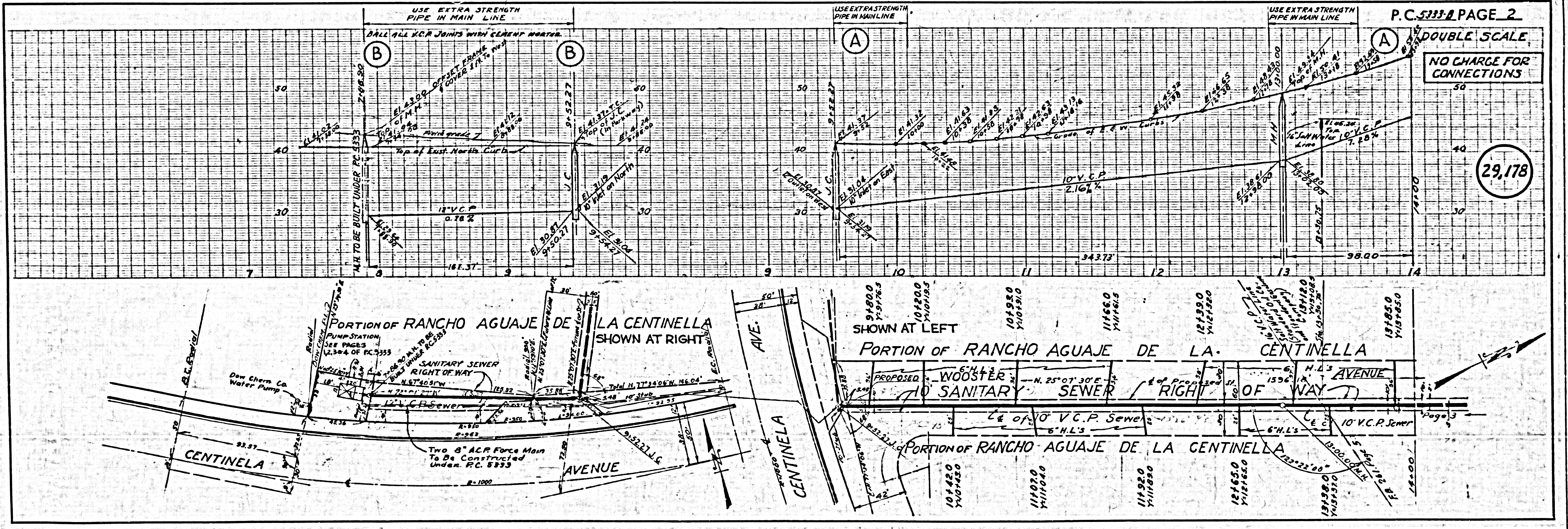
TRACT NO. 24252
PRIVATE CONTRACT NO. 5333-B

W.S. 24
2 SHEETS, 4 PAGES
SCALE: VERT. 1"=6' HORIZ. DEC. 1959
PREPARED IN THE OFFICES OF

LOS ANGELES INVESTMENT CO. 1450 Mount Vernon Drive
By: *B. F. Worling*
REG. C. E. NO. 1632
FOR LEGEND SEE PLAN NO. S-A-64

NOTE:
GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
ELEVATIONS ARE IN FEET ABOVE L.A. CITY DATUM UNLESS OTHERWISE SPECIFIED. ALL OVER DATUM OF 1929.
THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.
WORK SHALL BE CONSTRUCTED ACCORDING TO SPECIFICATIONS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN THE COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 2, AND PAY A F.E.E. TO THE COUNTY ENGINEER, ROOM 234 PARK ARCADE BUILDING, 234 SO. BROADWAY SUFFICIENT TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET.

COUNTY OF LOS ANGELES, CALIFORNIA
APPROVED, C.R. COMPTON, CHIEF ENGINEER
APPROVED, JOHN A. LAMBE, COUNTY ENGINEER
BY: *B. F. Worling* 4-21-60
3537, SANITATION ENGINEER
CHECKED BY: *B. F. Worling* 2-24-60
OFFICE OF COUNTY ENGINEER, REG. C. E. NO. 11636
SUBMITTED BY: *Jack C. Lansing*
PAID 3 VERDES-CENTINELA VALLEY, RESIDUAL ENGINEER



P.C. 5333-B PAGE 2

DOUBLE SCALE
NO CHARGE FOR CONNECTIONS

29,178

