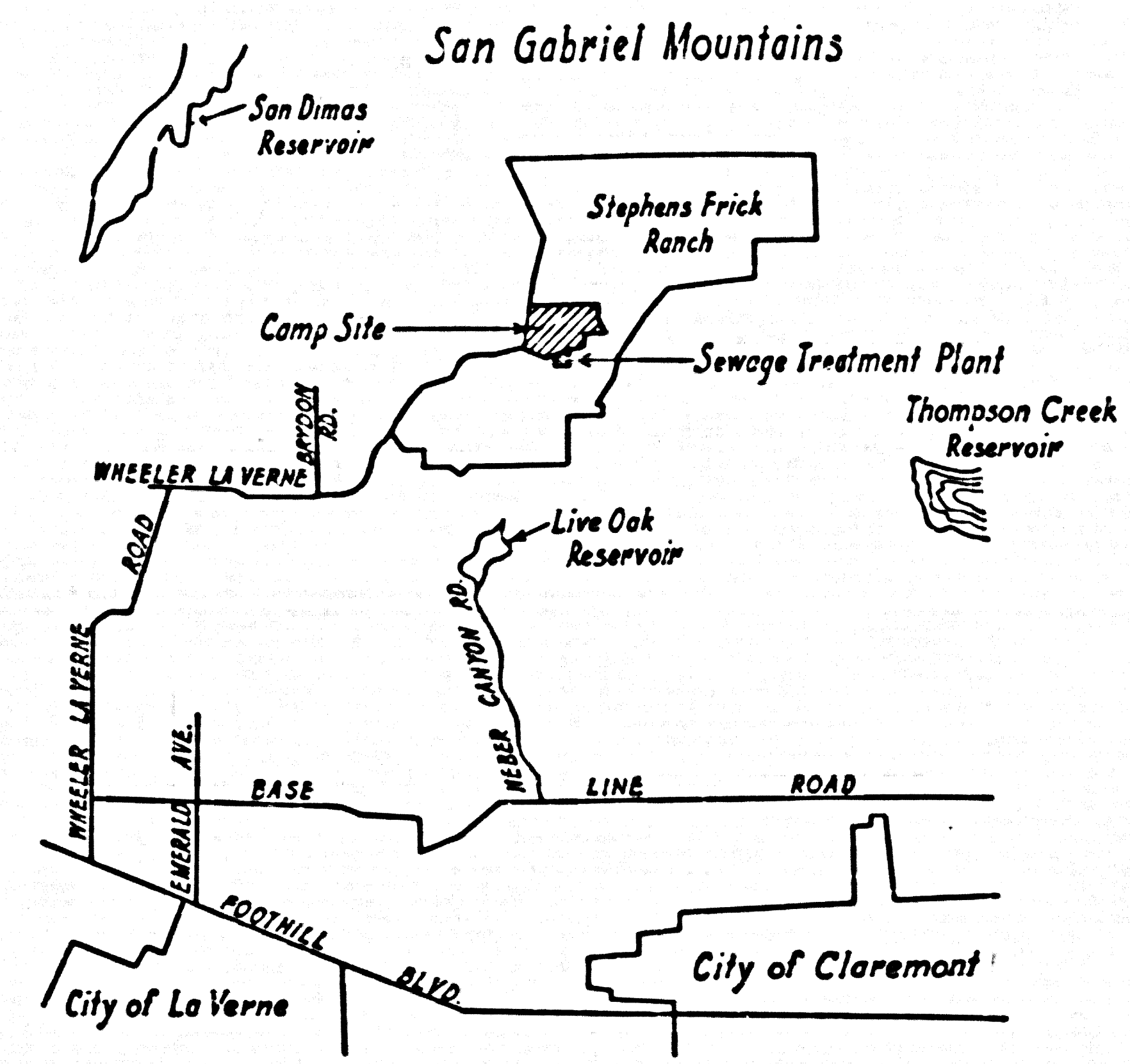
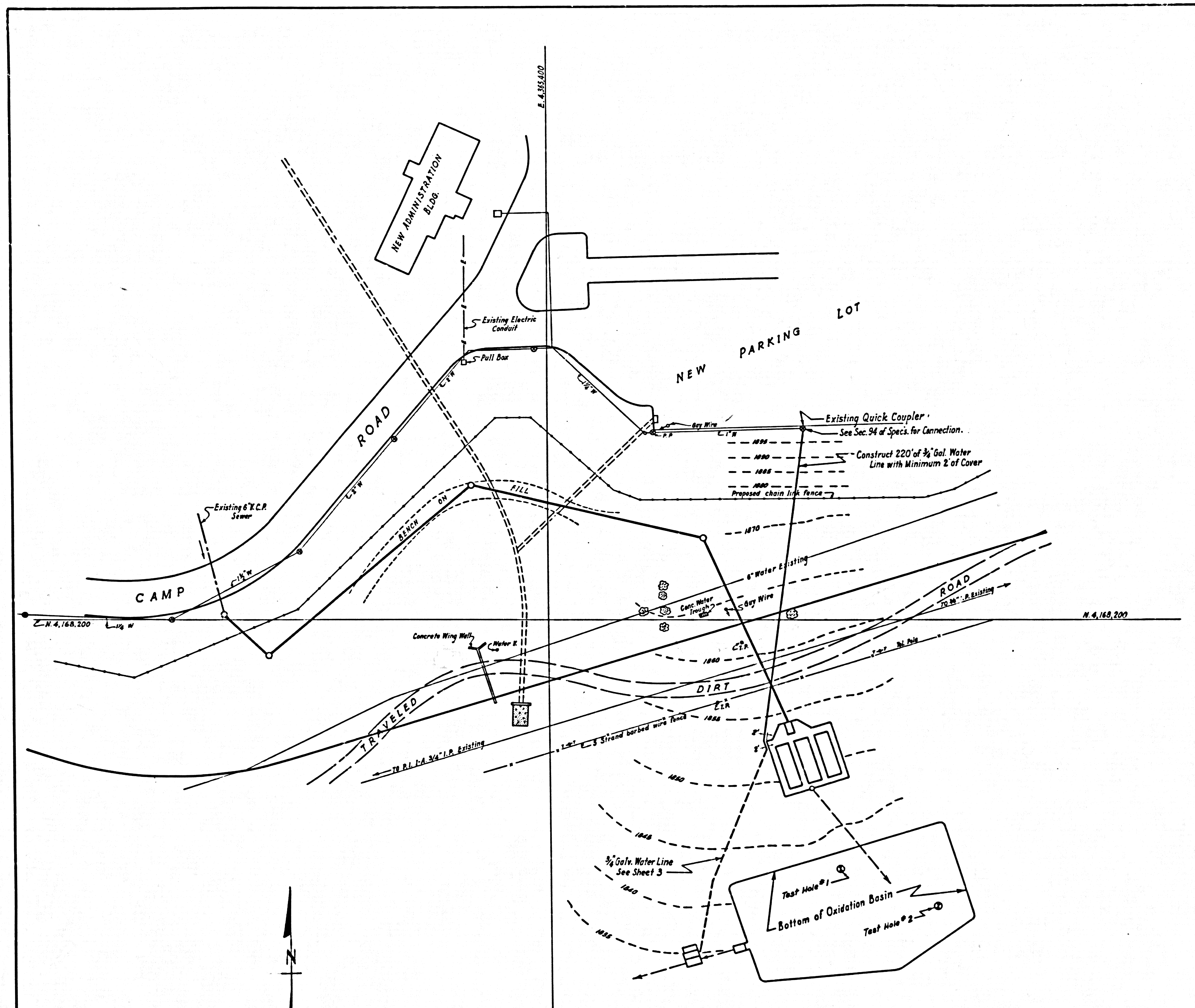


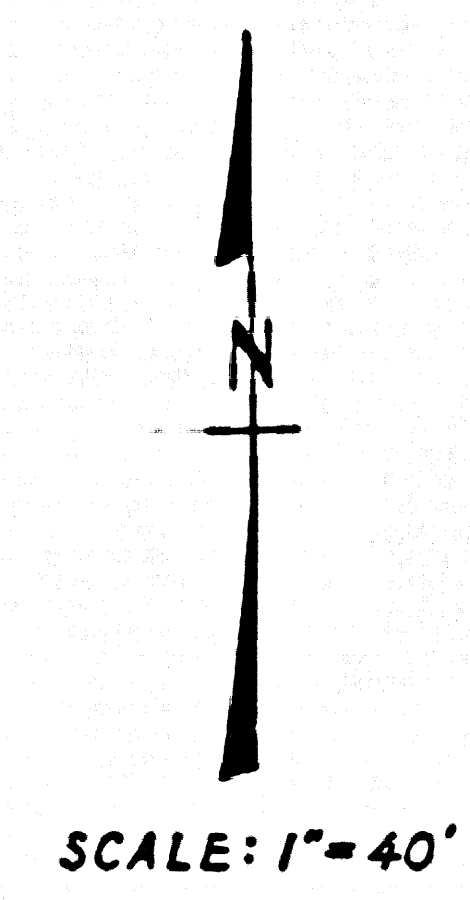
SHEET 1 - LOS ANGELES COUNTY
 P.C. 4539 CAP PROJ. NO. 8413.02 STEPHENS FRICK BOYS CAMP
 2/17/60



VICINITY MAP
No. Scale

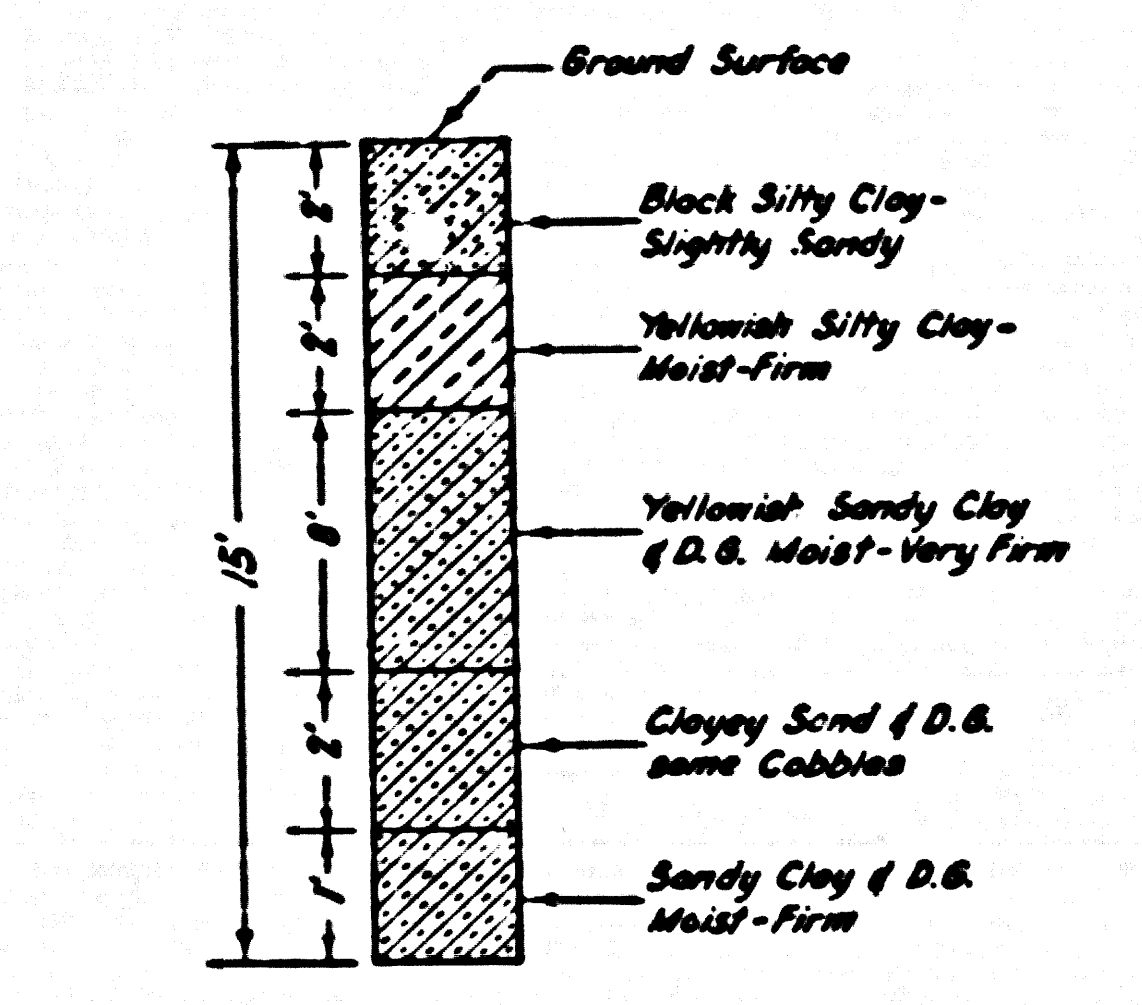
INDEX

Vicinity Map and Plot Plan	Sheet 1
Main Line Sewer	Sheet 2
Grading, Fencing, and Service Plan	Sheet 3
Flow Diagram, Plan and Profile	Sheet 4
Communiting Assembly and Flow Collection Chamber	Sheet 5
Concrete Slabs and Walks	Sheet 6
Outlet Structure and Electrical Panel Board	Sheet 7
Chlorinating Apparatus Shelter and Chlorine Contact Chamber	Sheet 8

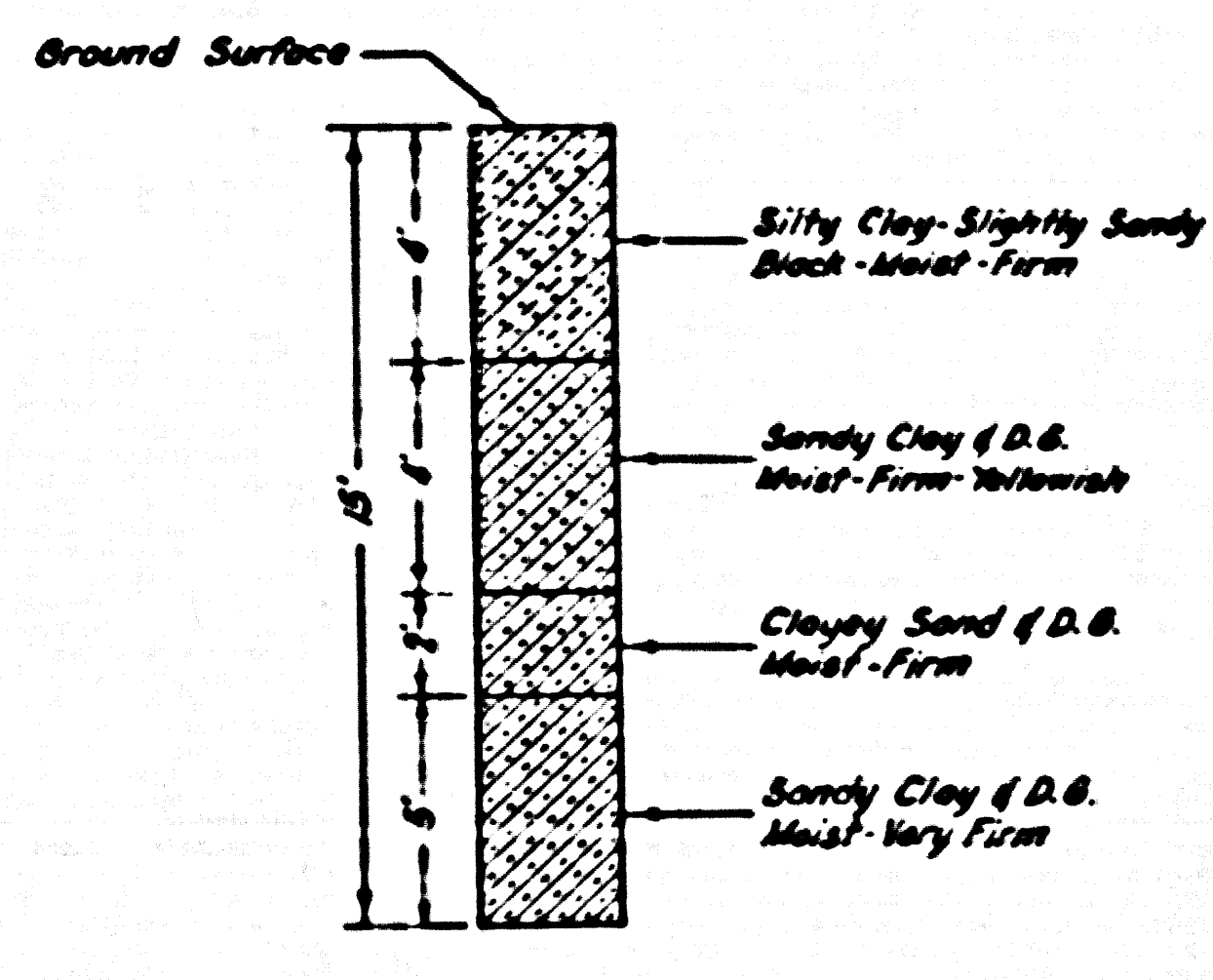


SCALE: 1" = 40'

PLOT PLAN



SOIL LOG FOR TEST HOLE NO. 1
- NO SCALE -



SOIL LOG FOR TEST HOLE NO. 2
- NO SCALE -

STEPHENS FRICK BOYS CAMP
SEWAGE TREATMENT PLANT
 P.C. 4539 CAP PROJ. NO. 8413.02

VICINITY MAP AND PLOT PLAN

COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBIE COUNTY ENGINEER

SUBMITTED: *[Signature]* APPROVED: *[Signature]*
ASSISTANT SANITATION ENGINEER SANITATION ENGINEER

APPROVED: *[Signature]* 2-2-60
FOR PROBATION DEPARTMENT

DESIGNED: SLAVIN & KRIEDEL	TRACED: STANGER	CHECKED: KRIEDEL & SLAVIN
SCALE: AS SHOWN	DATE: FEB. 1960	SHEET NO. 1 OF 8 SHEETS

P.C. 4539 CAP PROJ. NO. 8413.02 STEPHENS FRICK BOYS CAMP
 2/17/60

TRIM LINE

BY: WHITE BLYE V
CHRYSTER BUILDING COMPANY

BY: WHITE BLYE V
CHRYSTER BUILDING COMPANY

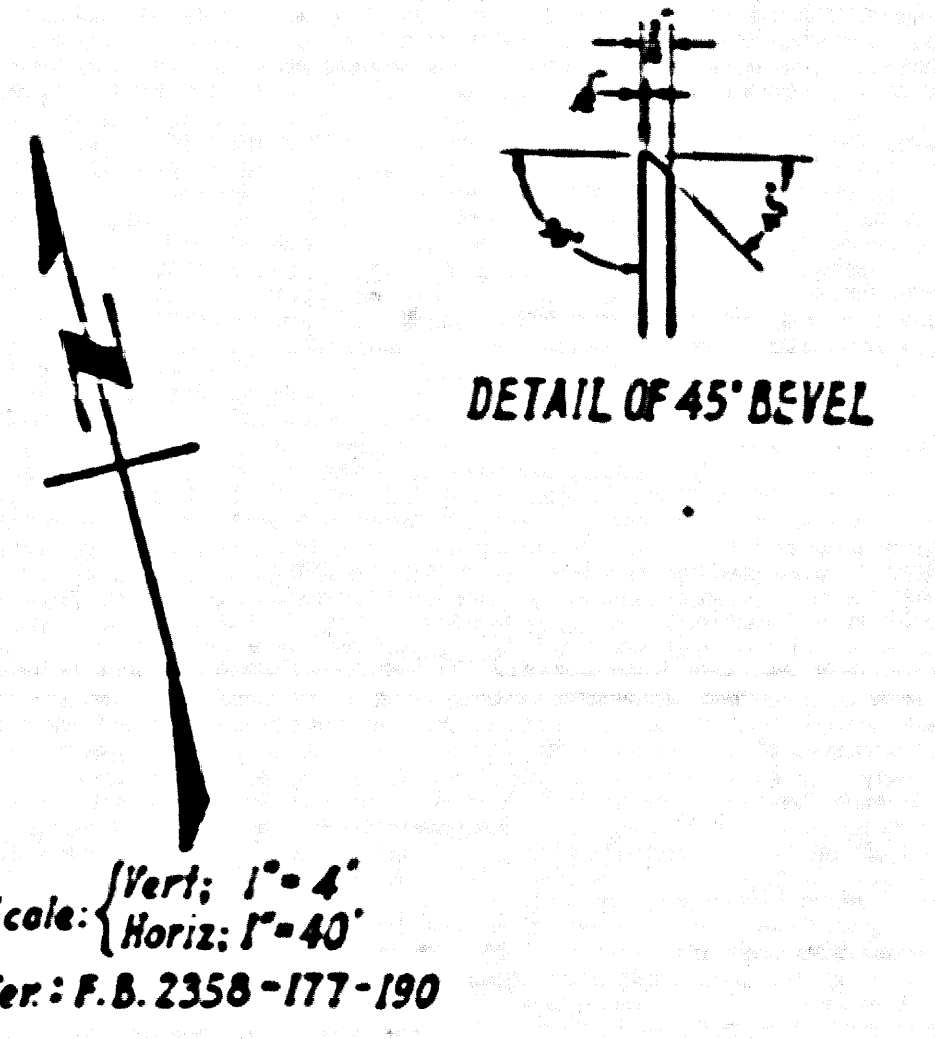
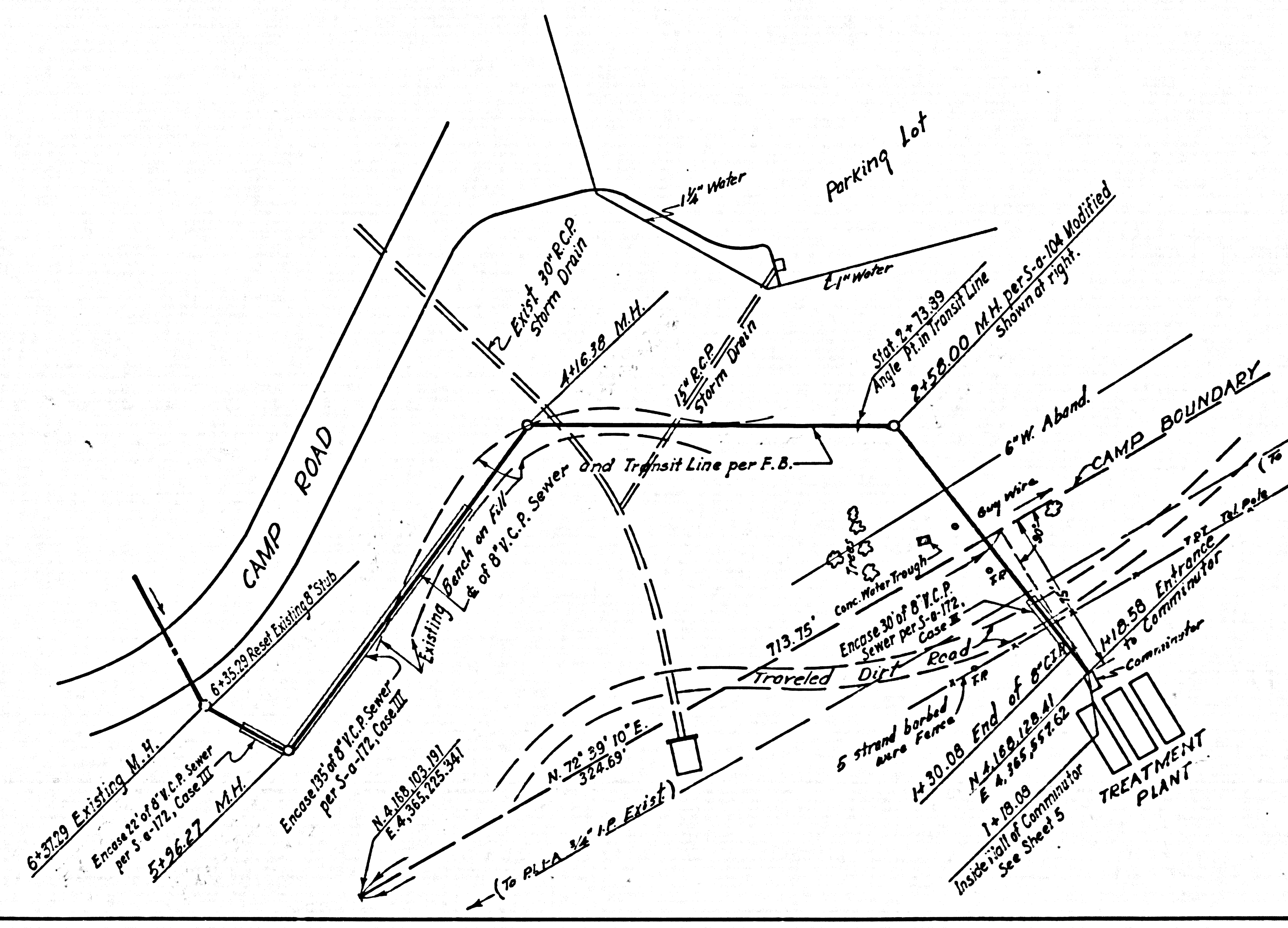
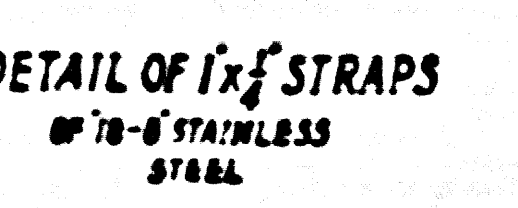
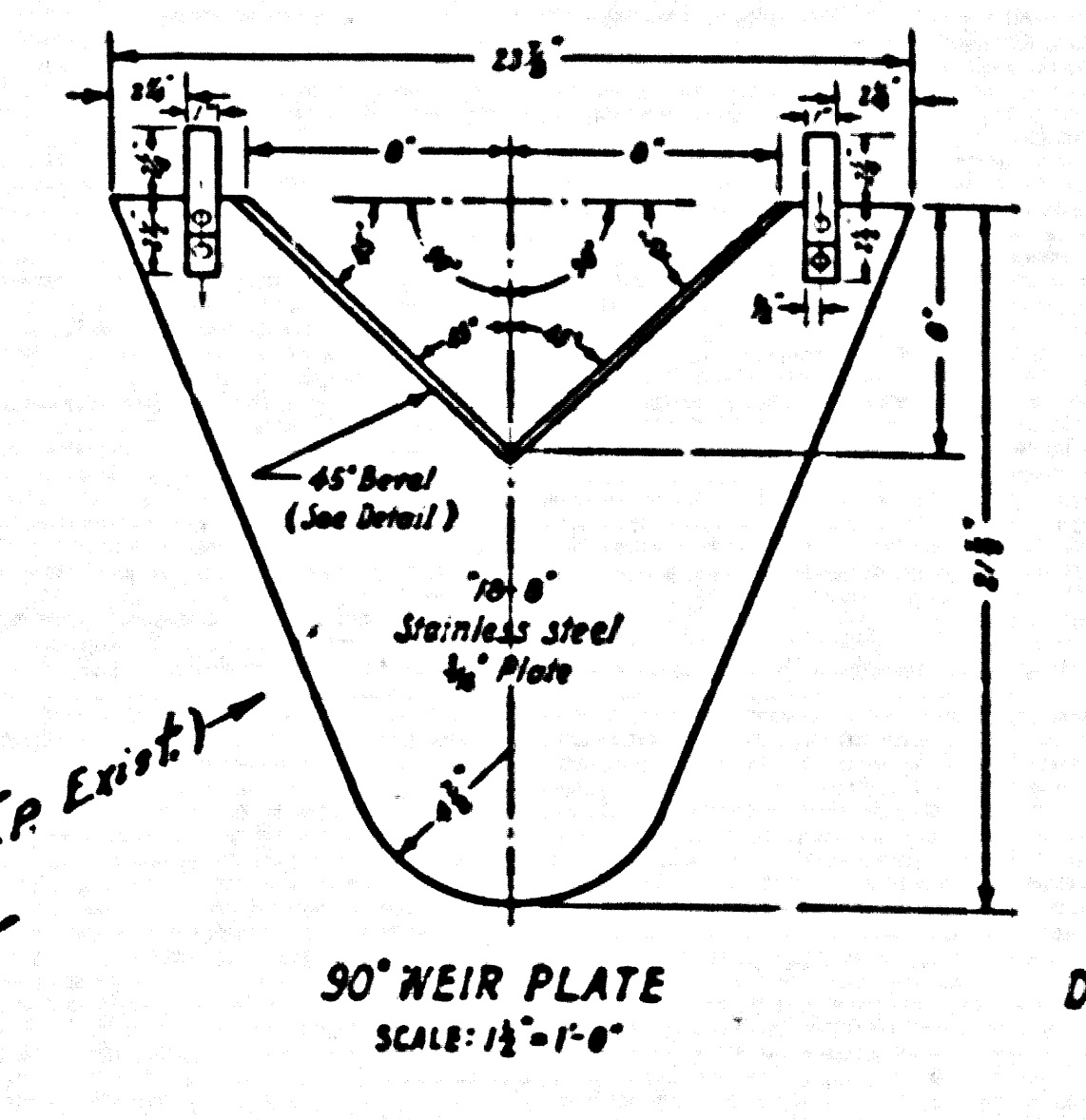
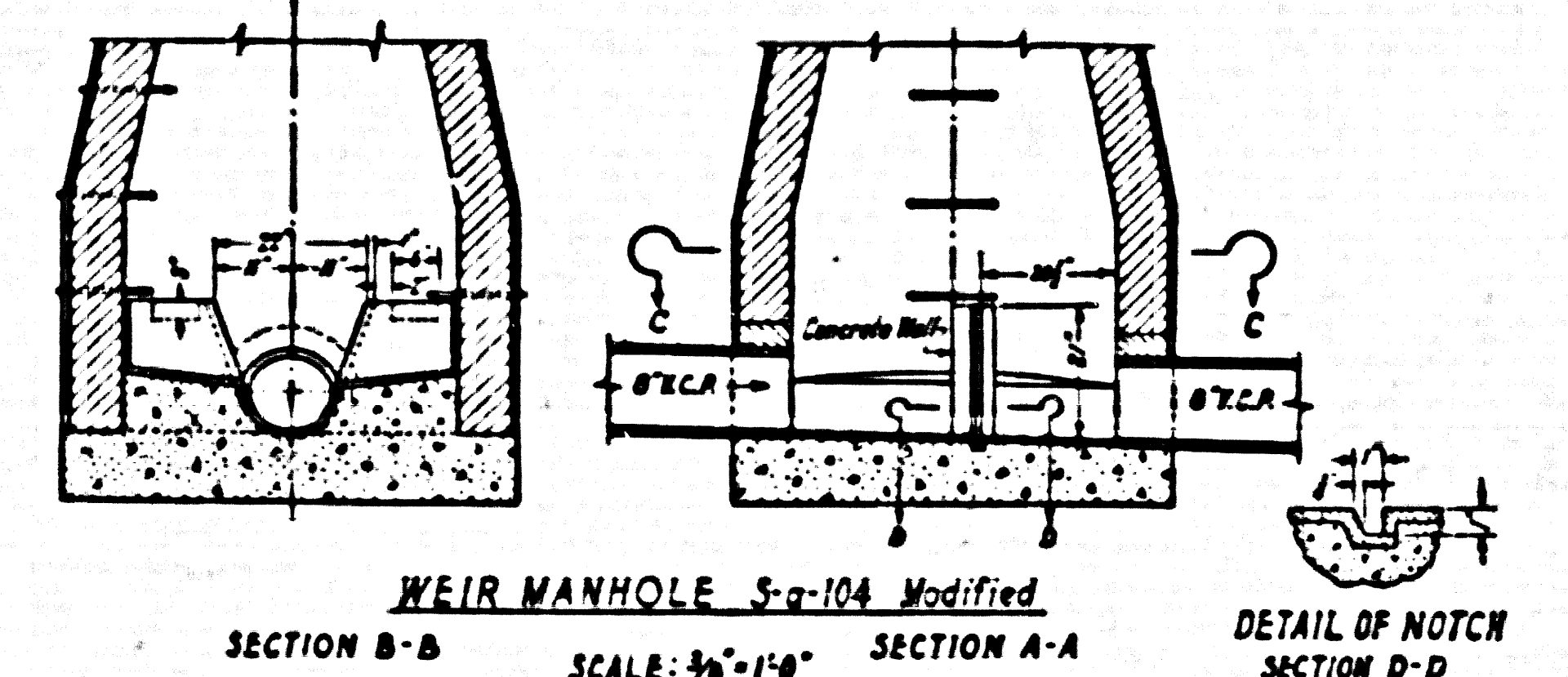
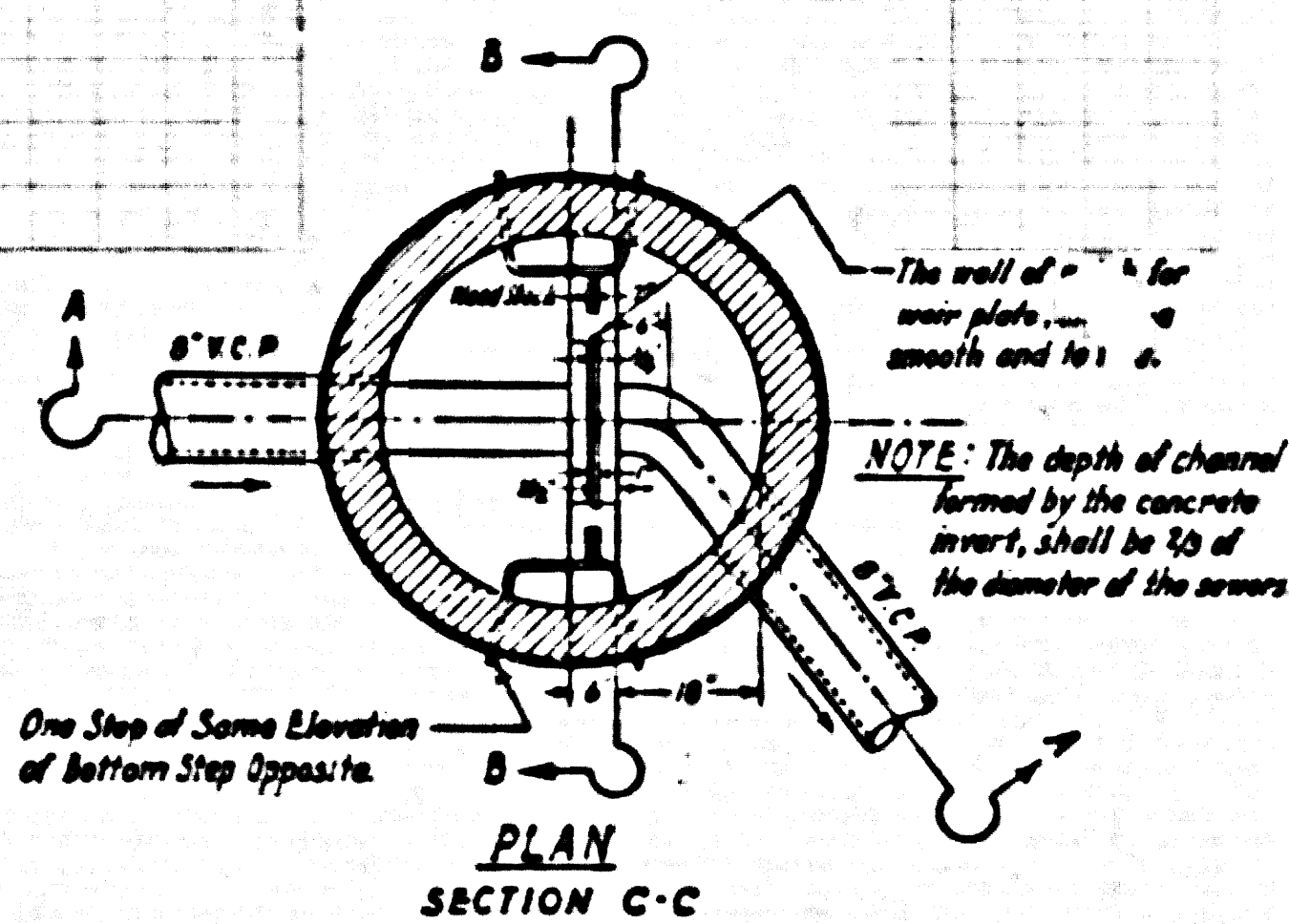
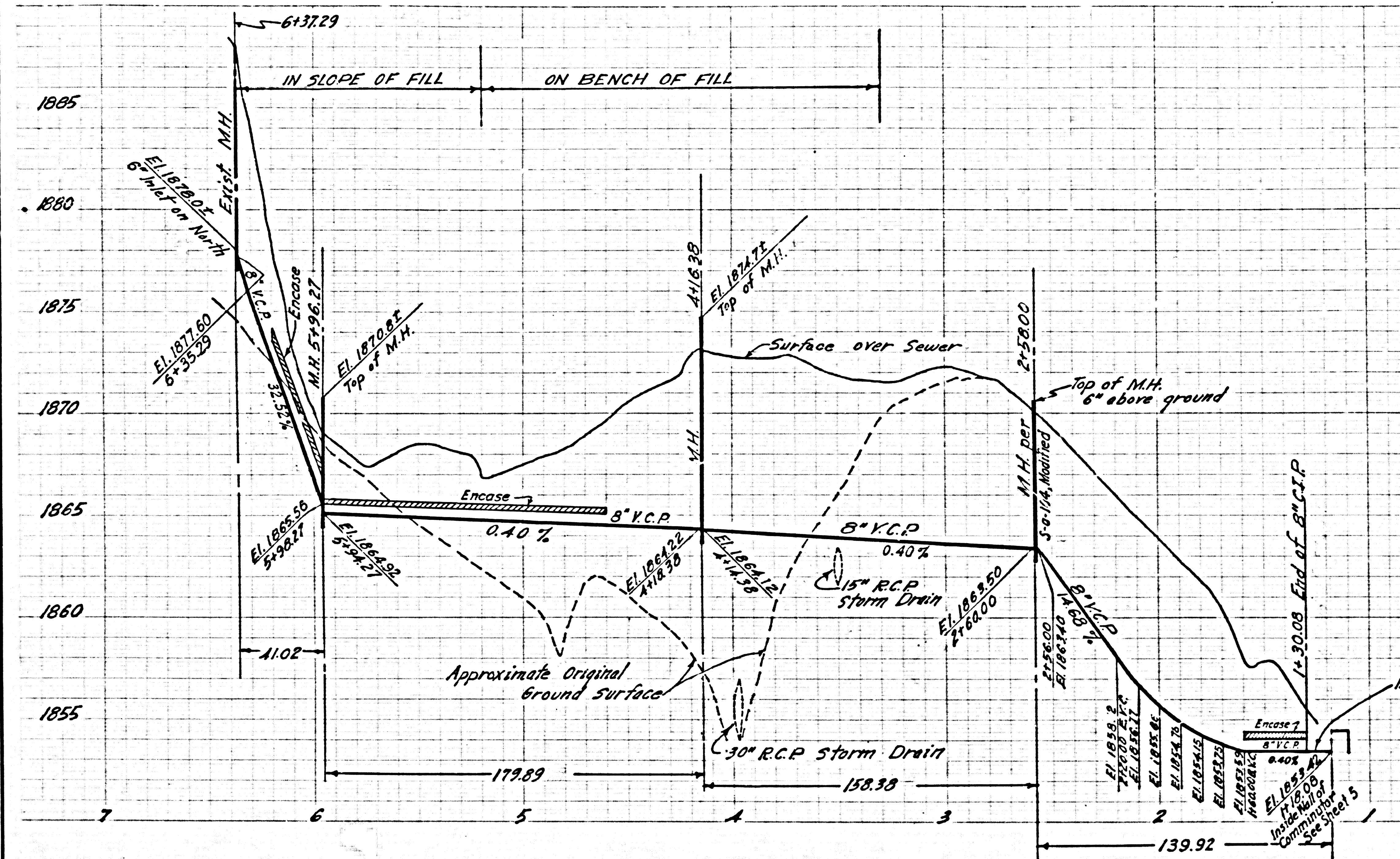
SAN DIMAS BUILDING DISTRICT No. 10

B.M. No. 2, Elev. 1899.72' F.B. 2358 Pg. 112
Bolt spike in Concrete Catch S.E. Corner
Lateral No. 2 Line 1 30' S.Wy. of P.I. No. 4

USE STANDARD STRENGTH PIPE EXCEPT AS NOTED
 USE PLASTISOL FOR ALL VITRIFIED CLAY PIPE JOINTS.
 WHERE CAST IRON IS SPECIFIED USE 6" WATER, CAST IRON (BELL AND SPIGOT) NO. W-9-421a.
 USE LEAD FOR ALL CAST IRON PIPE JOINTS.
 USE FORMULA NO. 1, SEC. 54 OF SPECIFICATIONS TO COMPUTE ALLOWABLE LEAKAGE.
 CONTRACTOR TO VERIFY ELEVATION OF 15" R.C.P. STORM DRAIN AT STATION S+50 BEFORE CONSTRUCTING SEWER PIPE.
 ALL STRUCTURES SHALL BE BRICK SEWER STRUCTURES AS PER PLAN NO. S-0-104, EXCEPT AS NOTED.
 USE STANDARD MANHOLE FRAMES AND COVERS AS PER PLAN NO. S-0-117 THE CONTRACTOR SHALL NOTIFY THE DESIGN DIVISION BY TELEPHONE NUMBER S-4747, EXT. 362 AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.

LEGEND

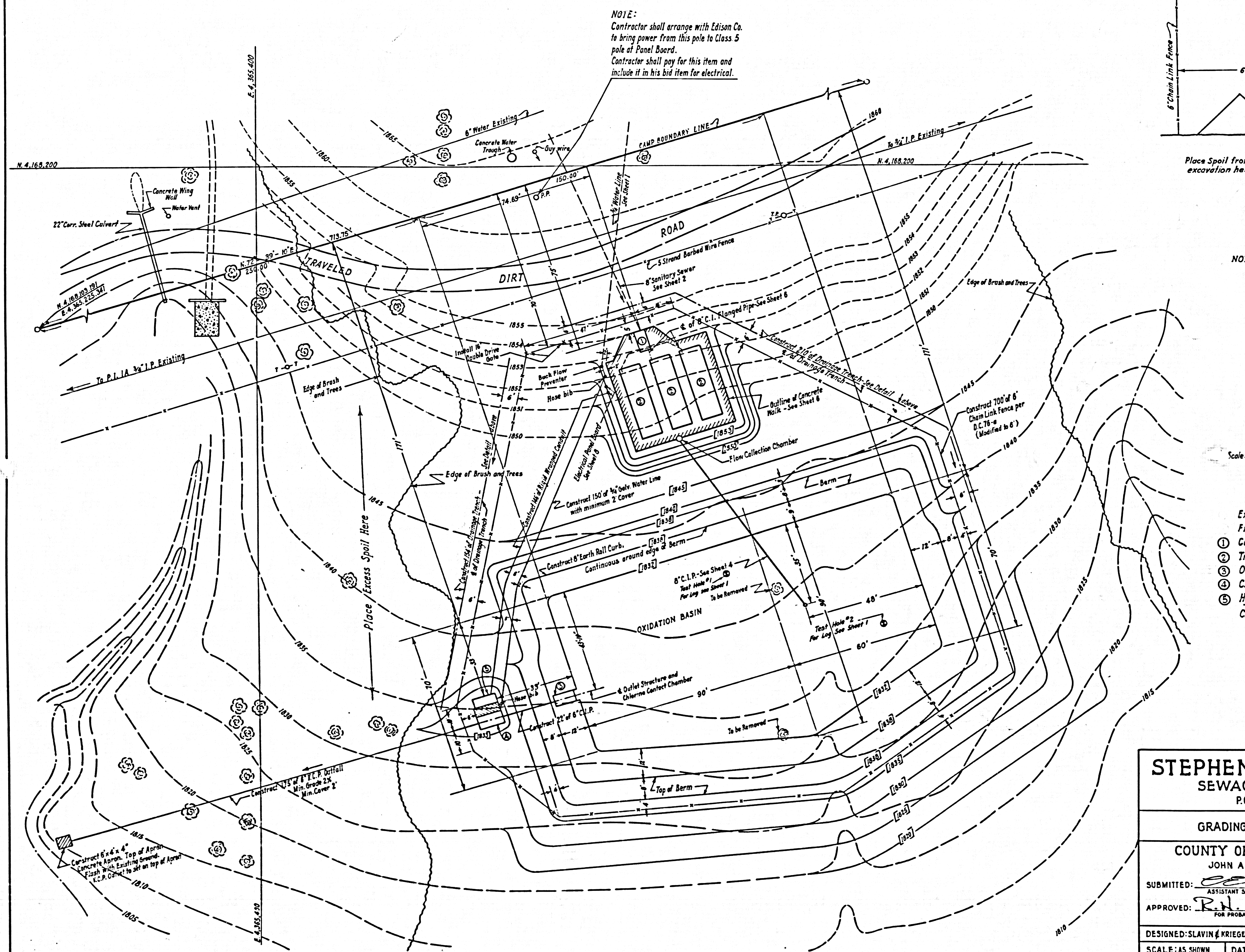
SEE PLAN NO. S-0-64
 NOTE: Grades to which this sewer is to be constructed are shown on this Plan and Profile.
 Elevations are in feet above U.S.C. and G.S. Sea Level Datum as of 1929.
 This drawing and the data hereon are hereby made a part of the specifications.



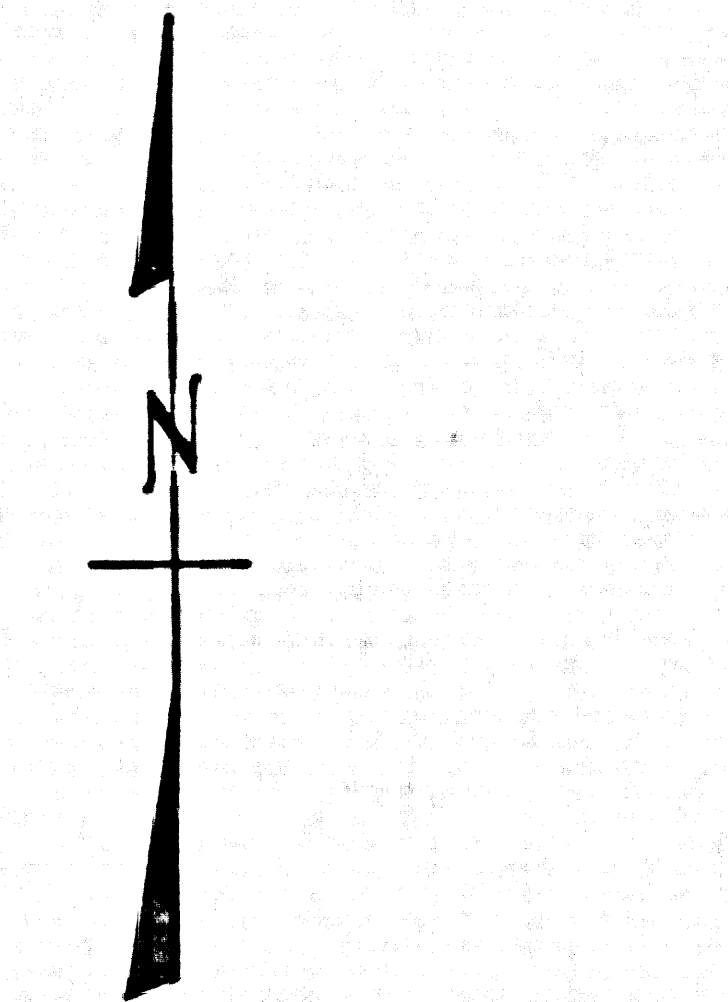
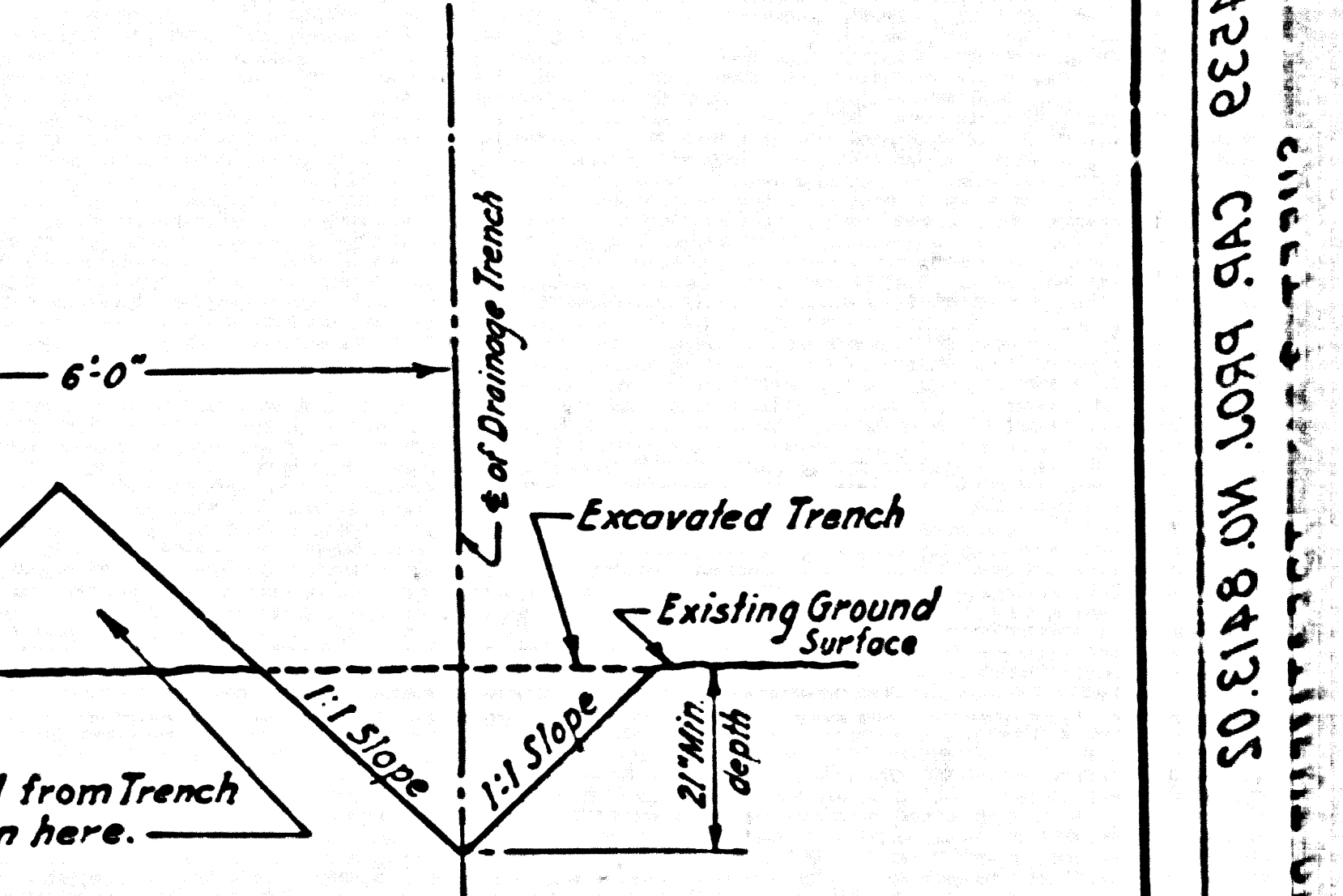
STEPHENS FRICK BOYS CAMP SEWAGE TREATMENT PLANT		
P.C. 4539 CAP. PROJ. NO. 8413.02		
MAIN LINE SEWER		
COUNTY OF LOS ANGELES, CALIFORNIA		
JOHN A. LAMBIE		COUNTY ENGINEER
SUBMITTED: <i>[Signature]</i>	APPROVED: <i>[Signature]</i>	
APPROVED: <i>[Signature]</i>		FOR PROBATION DEPARTMENT
DESIGNED: KRIEDEL & SLAVIN	TRACED: TEN & STANGER	CHECKED: KRIEDEL & SLAVIN
SCALE: AS SHOWN	DATE: FEB. 1960	SHEET NO. 2 OF 8 SHEETS

D.C. NO. 4539 CAP. PROJ. NO. 8413.02 STEPHENS FRICK BOYS CAMP SHEET NO. 2

B.C. 4238 CAP PROJ. NO. 8413.02 STEPHENS FRICK BOYS CAMP TRIM LINE



NOTE:
 Contractor shall arrange with Edison Co. to bring power from this pole to Class 5 pole of Panel Board.
 Contractor shall pay for this item and include it in his bid item for electrical.



- LEGEND**
- Existing Contours..... [1855]
 - Finish Contours..... [1853]
 - ① Communiting Assembly..... See Sheet 5
 - ② Treatment Tanks..... See Sheet 6
 - ③ Outlet Structure..... See Sheet 7
 - ④ Chlorine Contact Chamber..... See Sheet 8
 - ⑤ Hypochlorinator Shelter..... See Sheet 8
 - Chain Link Fence..... [1853]

STEPHENS FRICK BOYS CAMP
SEWAGE TREATMENT PLANT
 P.C. 4539 CAP. PROJ. NO. 8413.02

GRADING, FENCING AND SERVICE PLAN

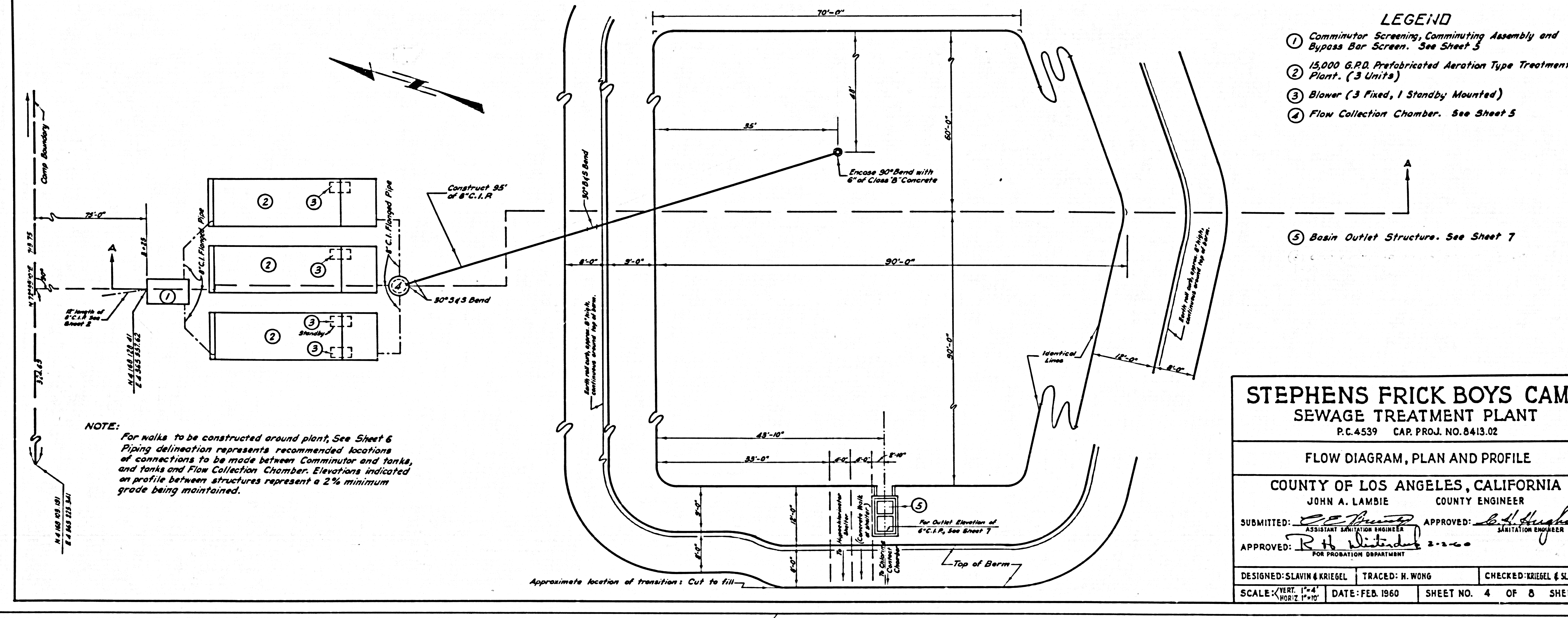
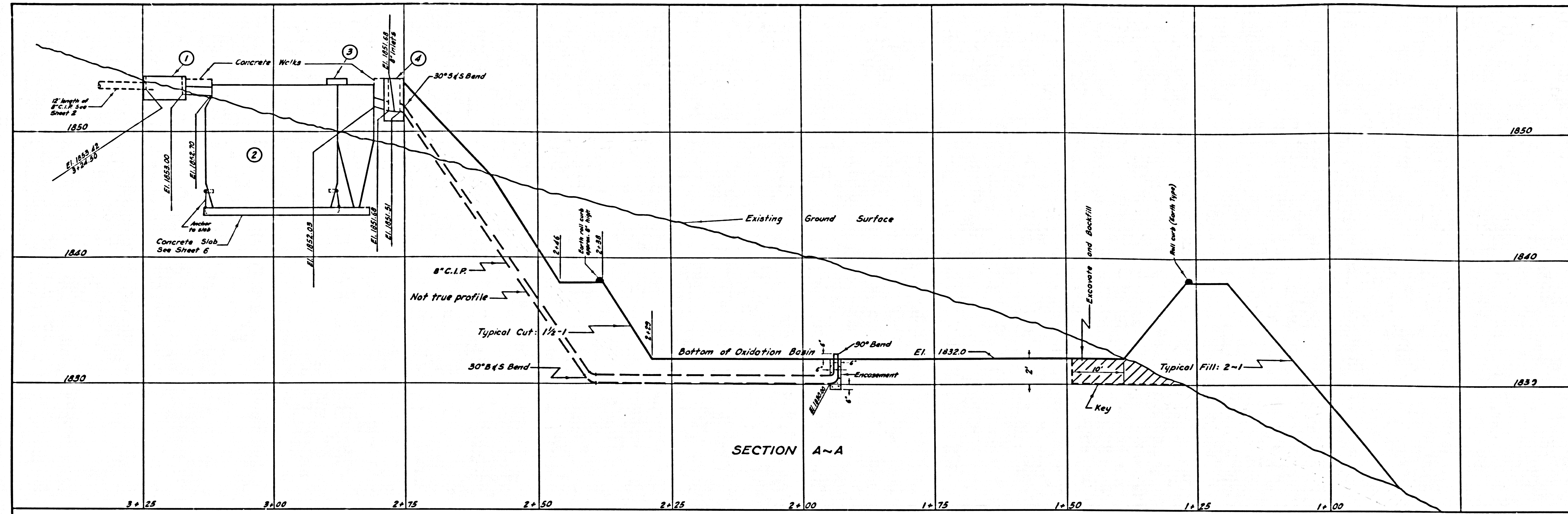
COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBIE COUNTY ENGINEER

SUBMITTED: *John A. Lambie* ASSISTANT SANITATION ENGINEER APPROVED: *Robert W. Diederich* SANITATION ENGINEER
 APPROVED: *Robert W. Diederich* FOR PROBATION DEPARTMENT 2-2-60

DESIGNED: SLAVIN & KRIEGL	TRACED: STANGER	CHECKED: KRUEGEL & SLAVIN
SCALE: AS SHOWN	DATE: FEB. 1960	SHEET NO. 3 OF 8 SHEETS

SHEET NO. 3 CAP PROJ. NO. 8413.02 STEPHENS FRICK BOYS CAMP TRIM LINE

TRIM LINE



**STEPHENS FRICK BOYS CAMP
SEWAGE TREATMENT PLANT**
P.C. 4539 CAP. PROJ. NO. 8413.02

FLOW DIAGRAM, PLAN AND PROFILE

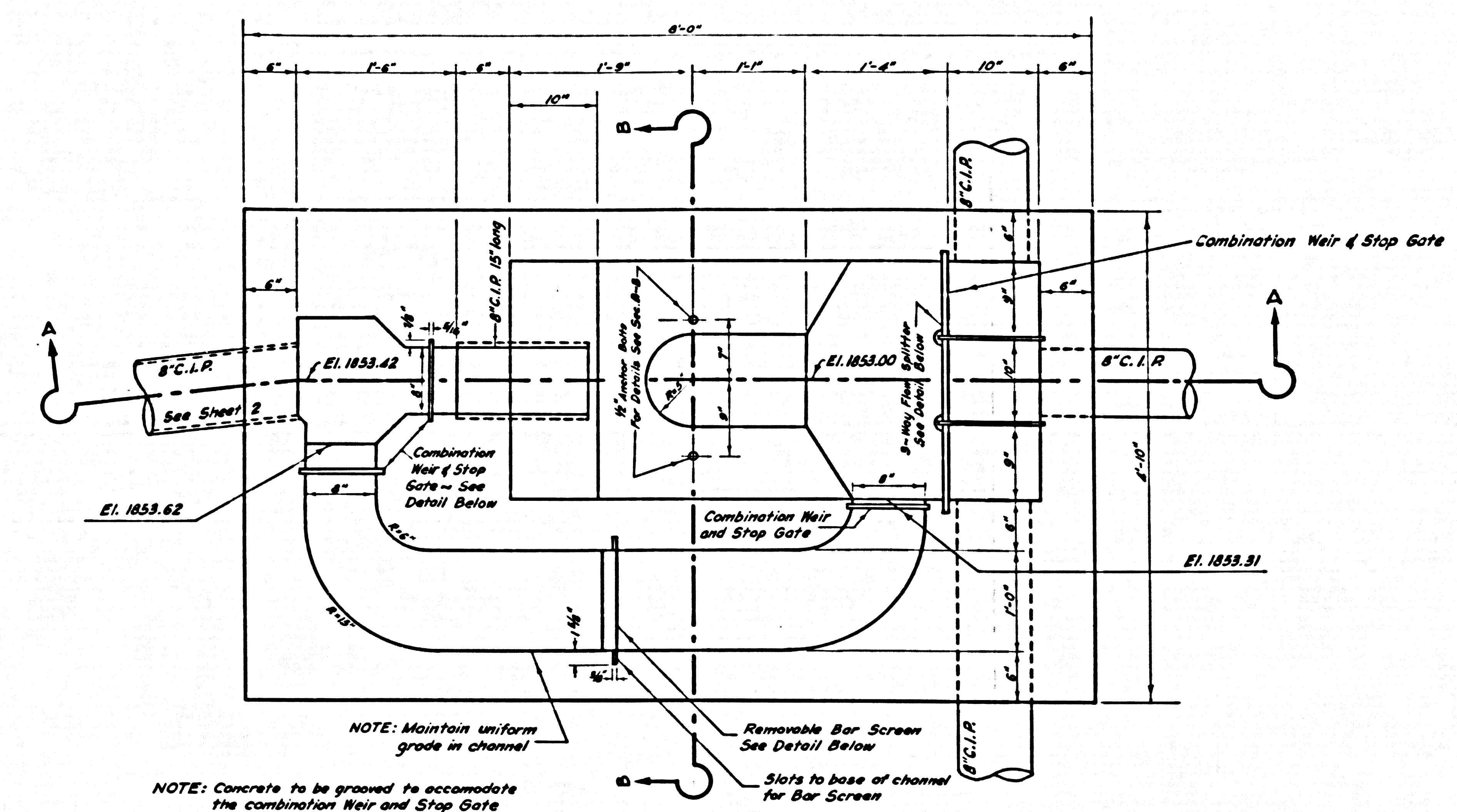
COUNTY OF LOS ANGELES, CALIFORNIA
JOHN A. LAMBIE COUNTY ENGINEER

SUBMITTED: *[Signature]* ASSISTANT SANITATION ENGINEER
APPROVED: *[Signature]* SANITATION ENGINEER

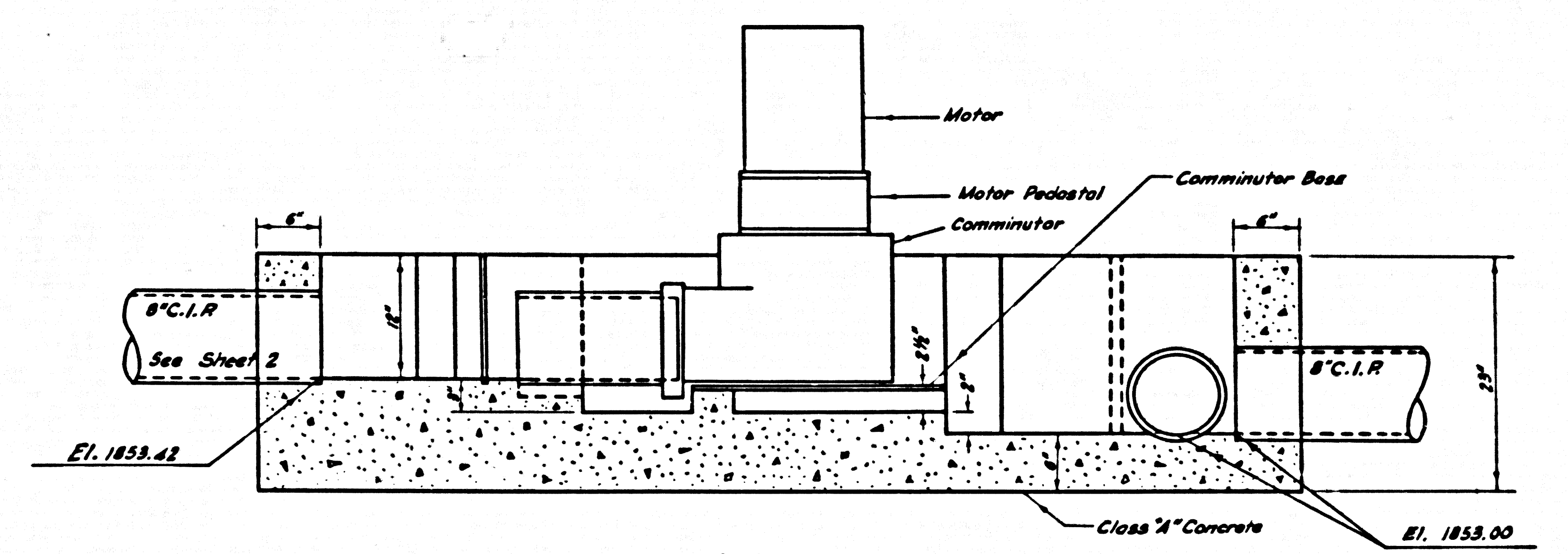
APPROVED: *[Signature]* FOR PROBATION DEPARTMENT

DESIGNED: SLAVIN & KRIEGLER TRACED: H. WONG CHECKED: KRIEGLER & SLAVIN
SCALE: VERT. 1"=4' DATE: FEB. 1960 SHEET NO. 4 OF 8 SHEETS

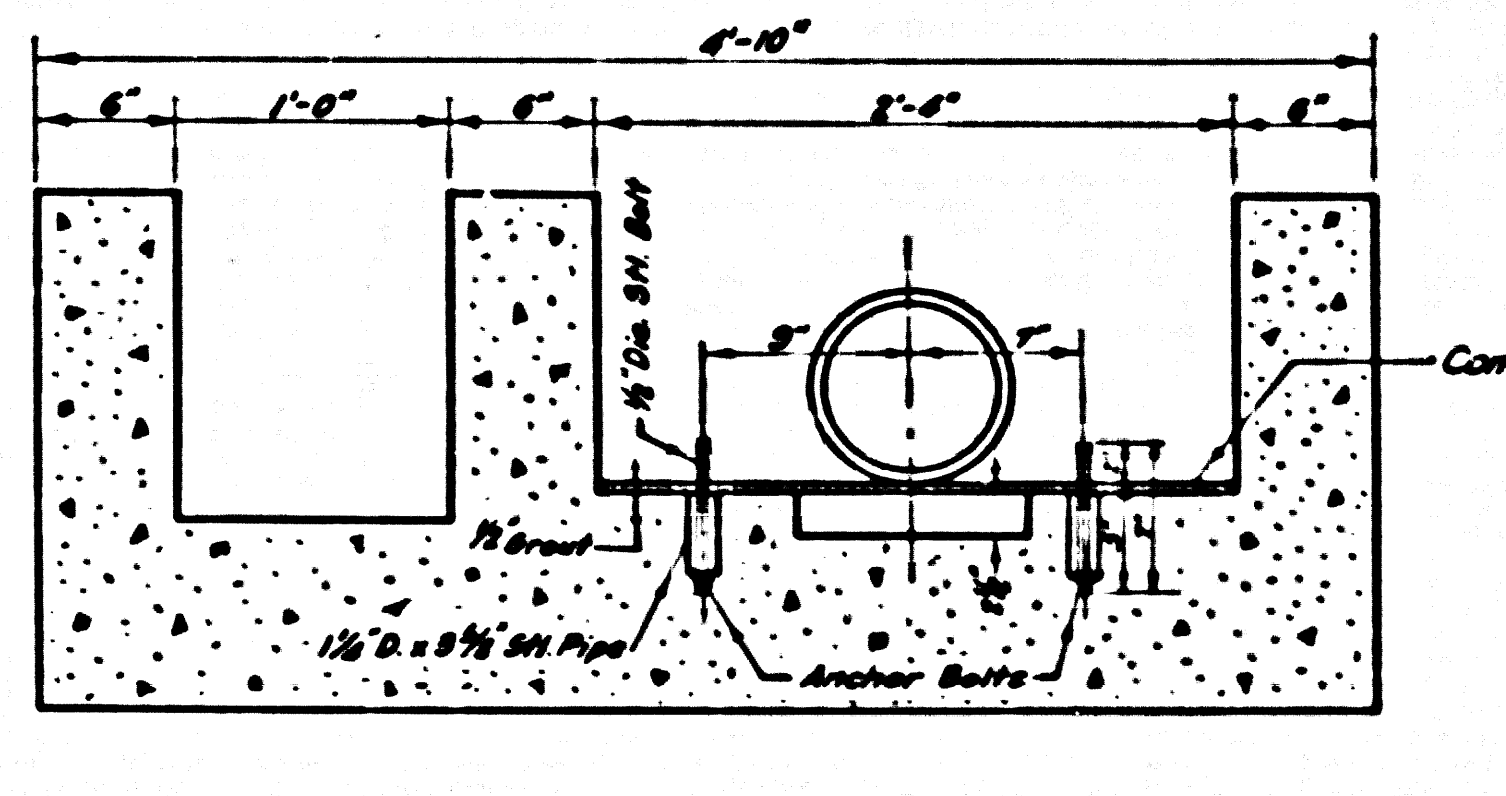
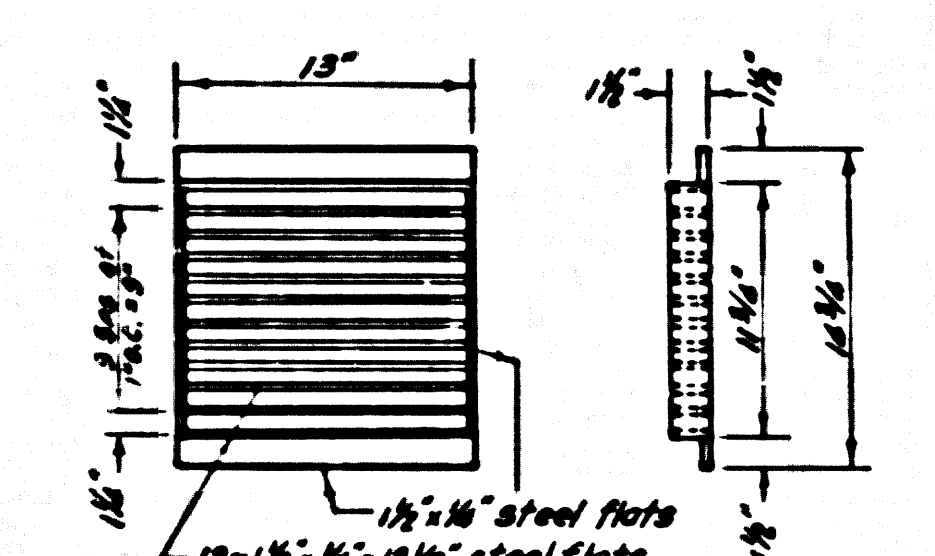
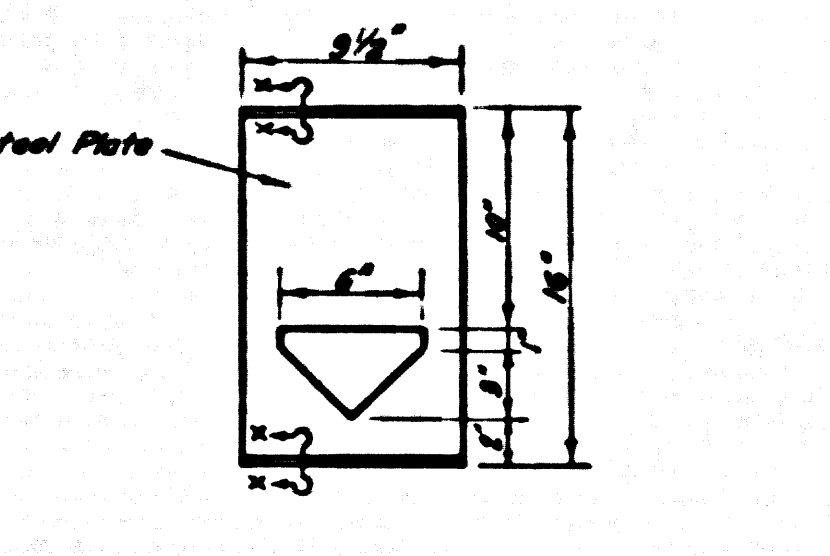
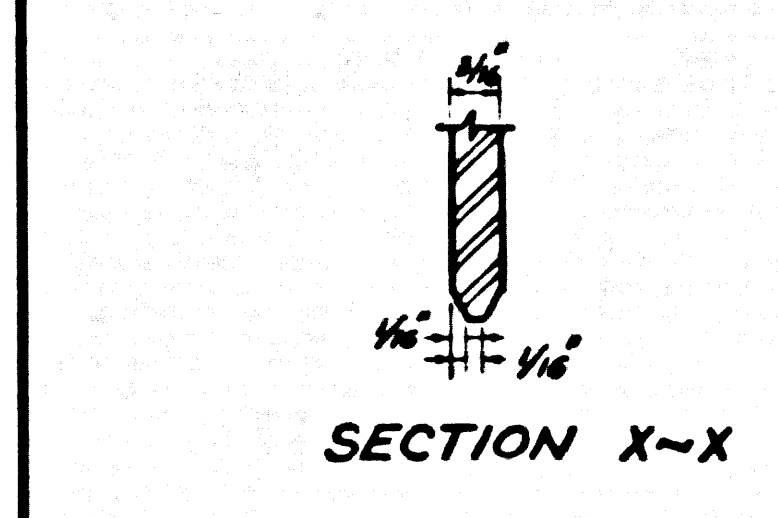
SHEET 2 TREATMENT PLANT
 P.C. 4539 CAP PROJ. NO. 8413.02 STEPHENS FRICK BOYS CAMP
 TRIM LINE



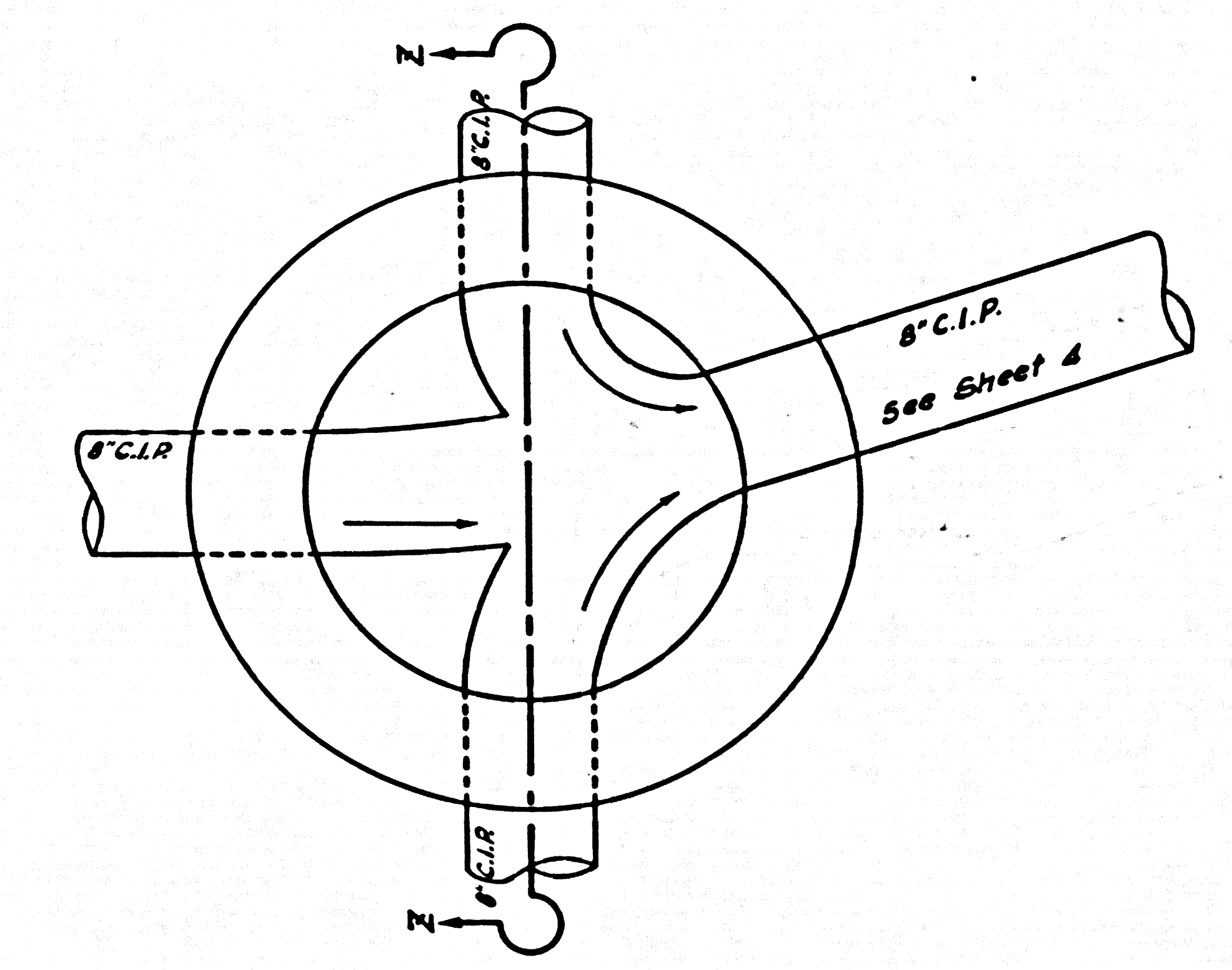
PLAN VIEW
 ASSEMBLY NOT SHOWN
COMMUNOTOR BASE, SCREENING AND BYPASS CHANNEL



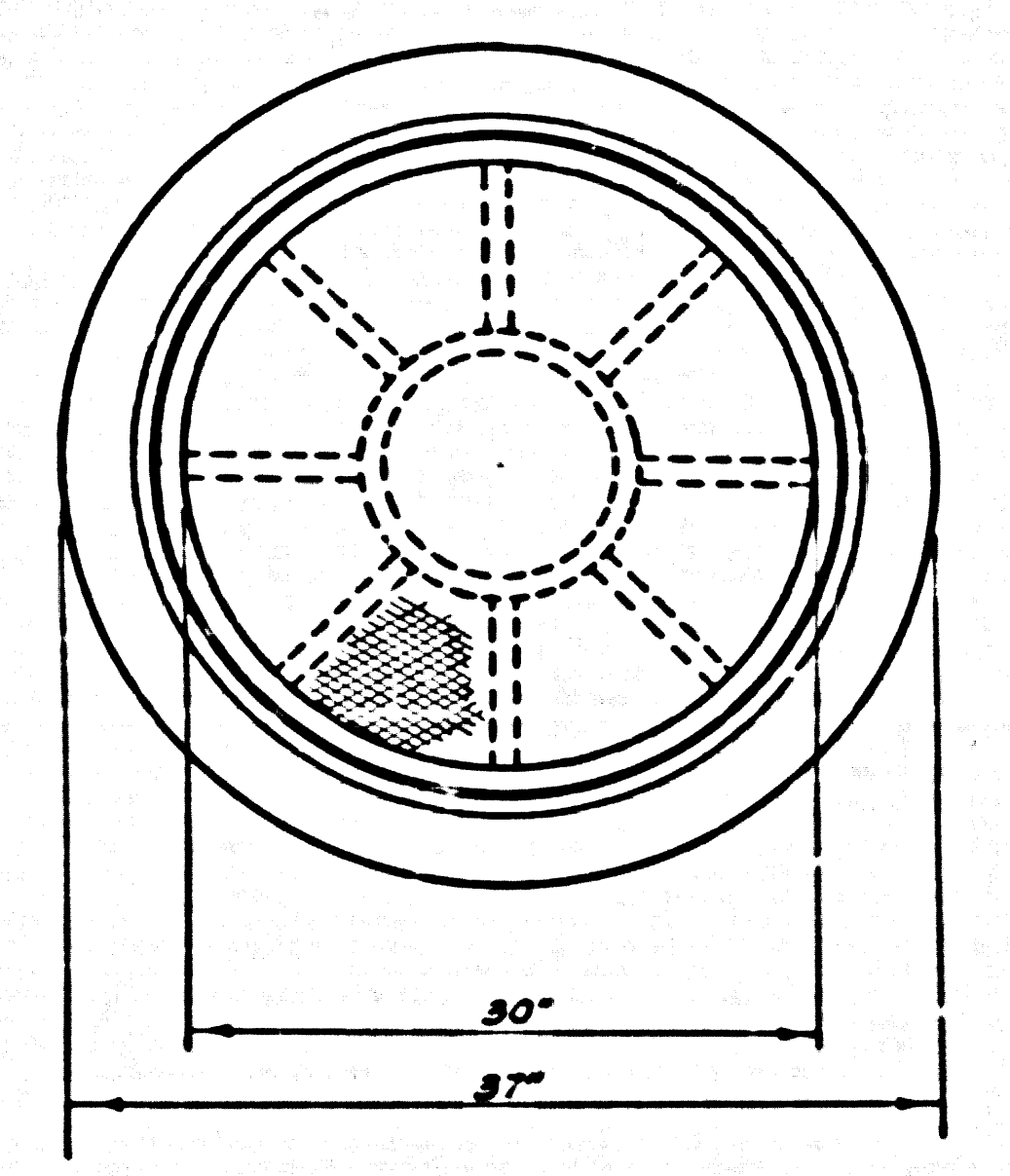
SECTION A-A
 ASSEMBLY ADDED



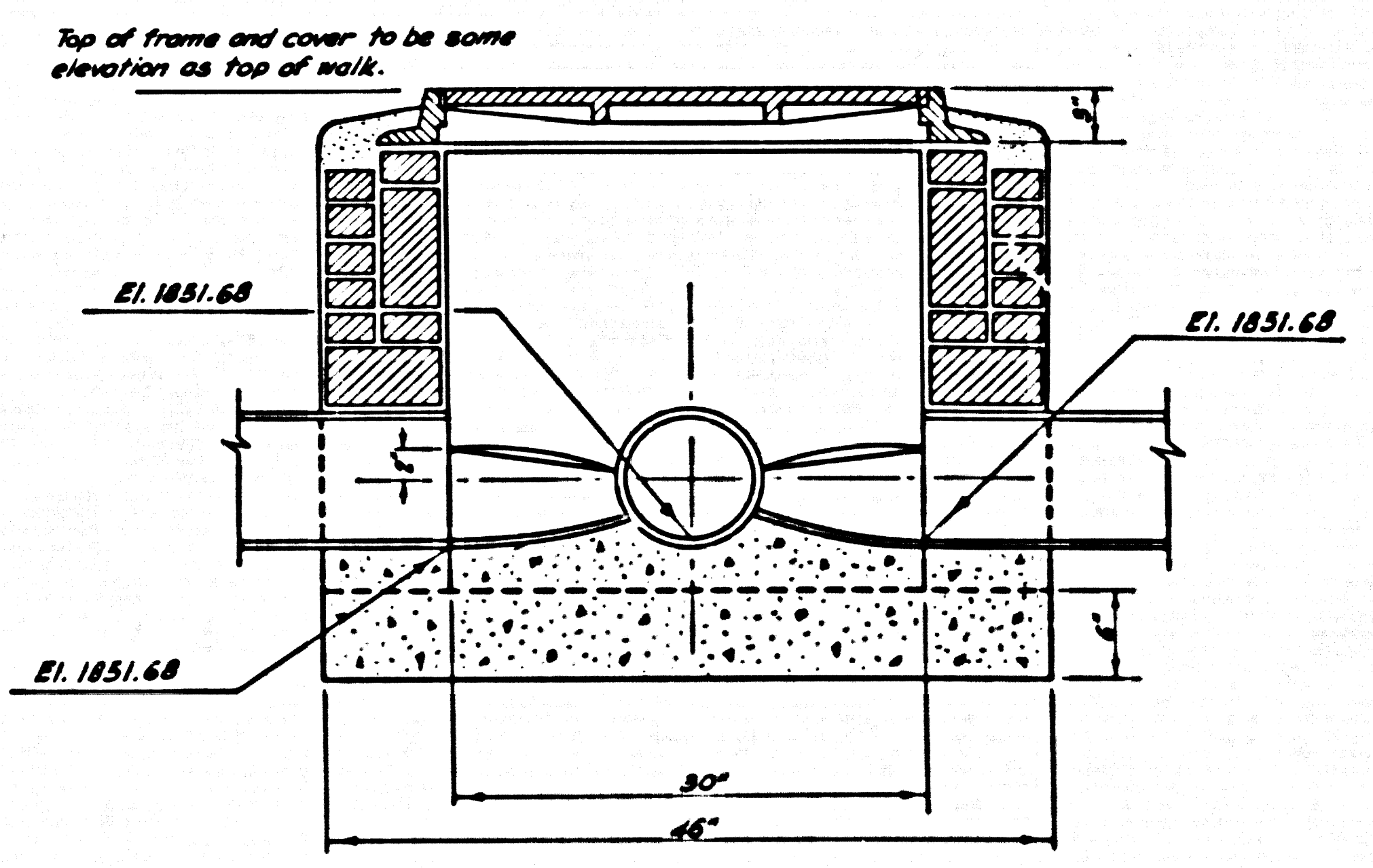
SECTION B-B



FLOW COLLECTION CHAMBER
 CONCRETE AND BRICKWORK PER S-A-104

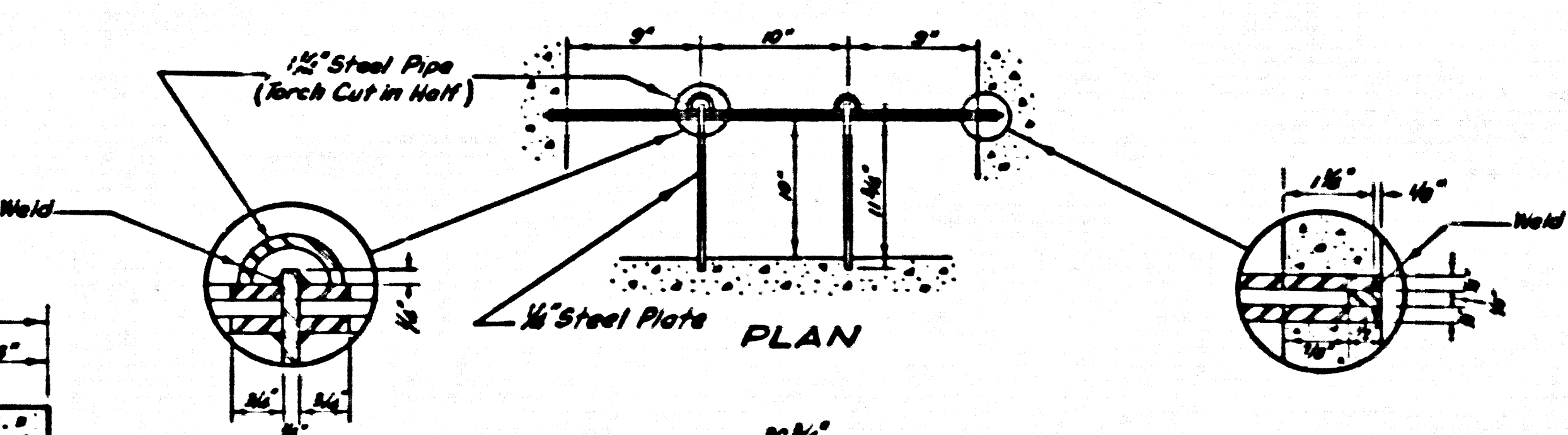


COLLECTION CHAMBER FRAME AND COVER
 PER ALHAMBRA FOUNDRY CAT. NS-A-102 OR APPROVED EQUAL

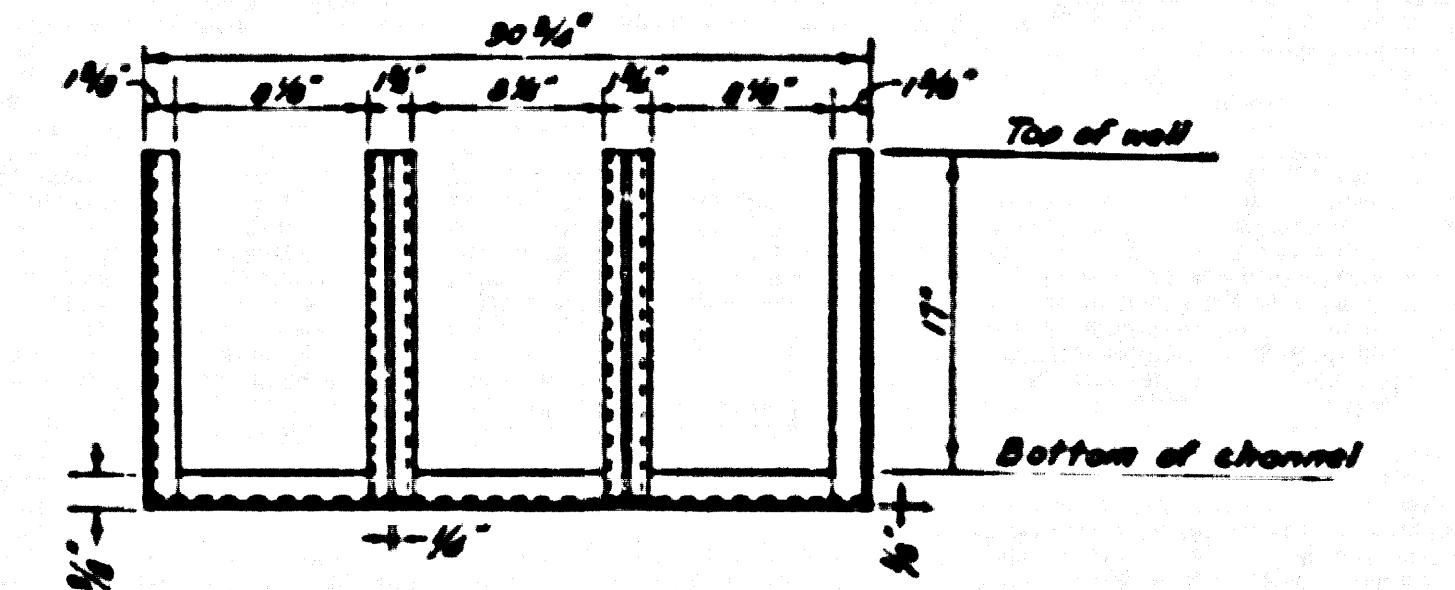


SECTION I-I

NOTE: All metal surfaces on Flow Splitter, except slots for Combination Weir and Stop Gate, shall be coated with asphaltum.



PLAN

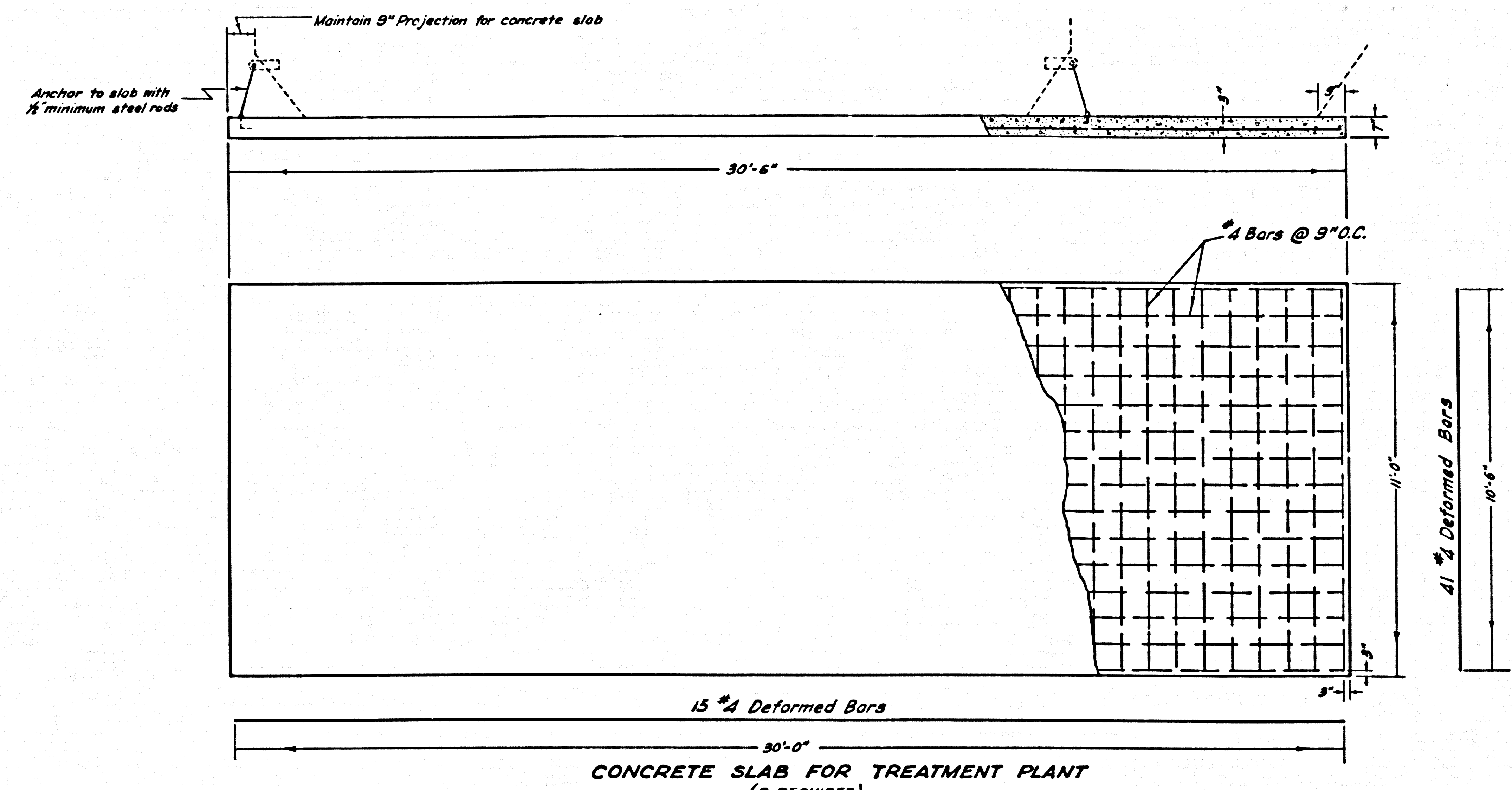


ELEVATION
 3-WAY FLOW SPLITTER

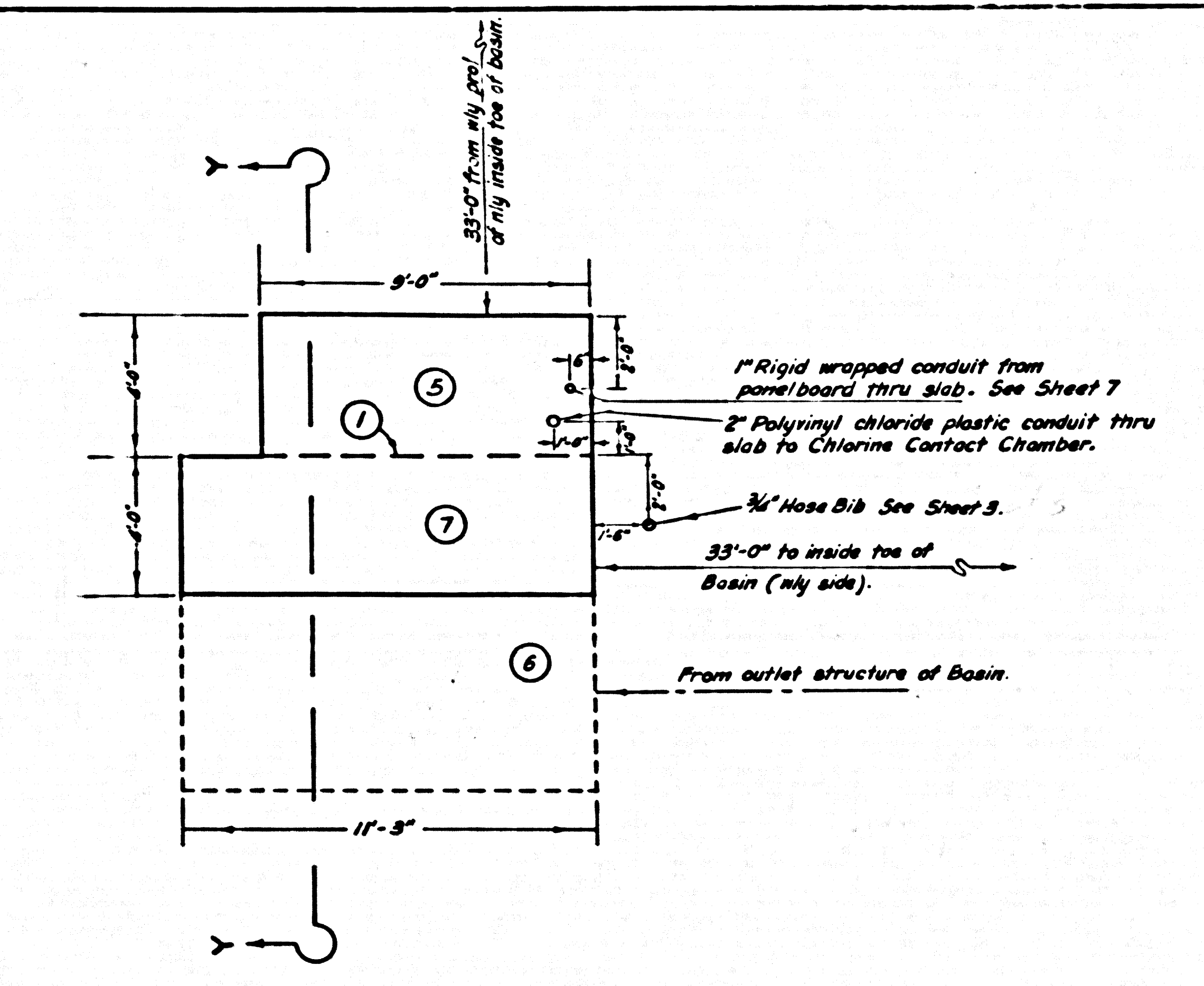
STEPHENS FRICK BOYS CAMP SEWAGE TREATMENT PLANT P.C. 4539 CAP PROJ. NO. 8413.02		
COMMUNUTING ASSEMBLY AND FLOW COLLECTION CHAMBER		
COUNTY OF LOS ANGELES, CALIFORNIA JOHN A. LAMBIE COUNTY ENGINEER		
SUBMITTED: <i>R. H. Slavin</i>	APPROVED: <i>C. H. Hughes</i>	
APPROVED: <i>R. H. Slavin</i>	FOR PROBABIL DEPARTMENT	
DESIGNED: SLAVIN & KRIEGL	TRACED: H. WONG	CHECKED: KRIEGL & SLAVIN
SCALE: 1"=1'	DATE: FEB. 1960	SHEET NO. 5 OF 8 SHEETS

SHEET 2 TREATMENT PLANT
 P.C. 4539 CAP PROJ. NO. 8413.02 STEPHENS FRICK BOYS CAMP
 TRIM LINE

TRIM LINE

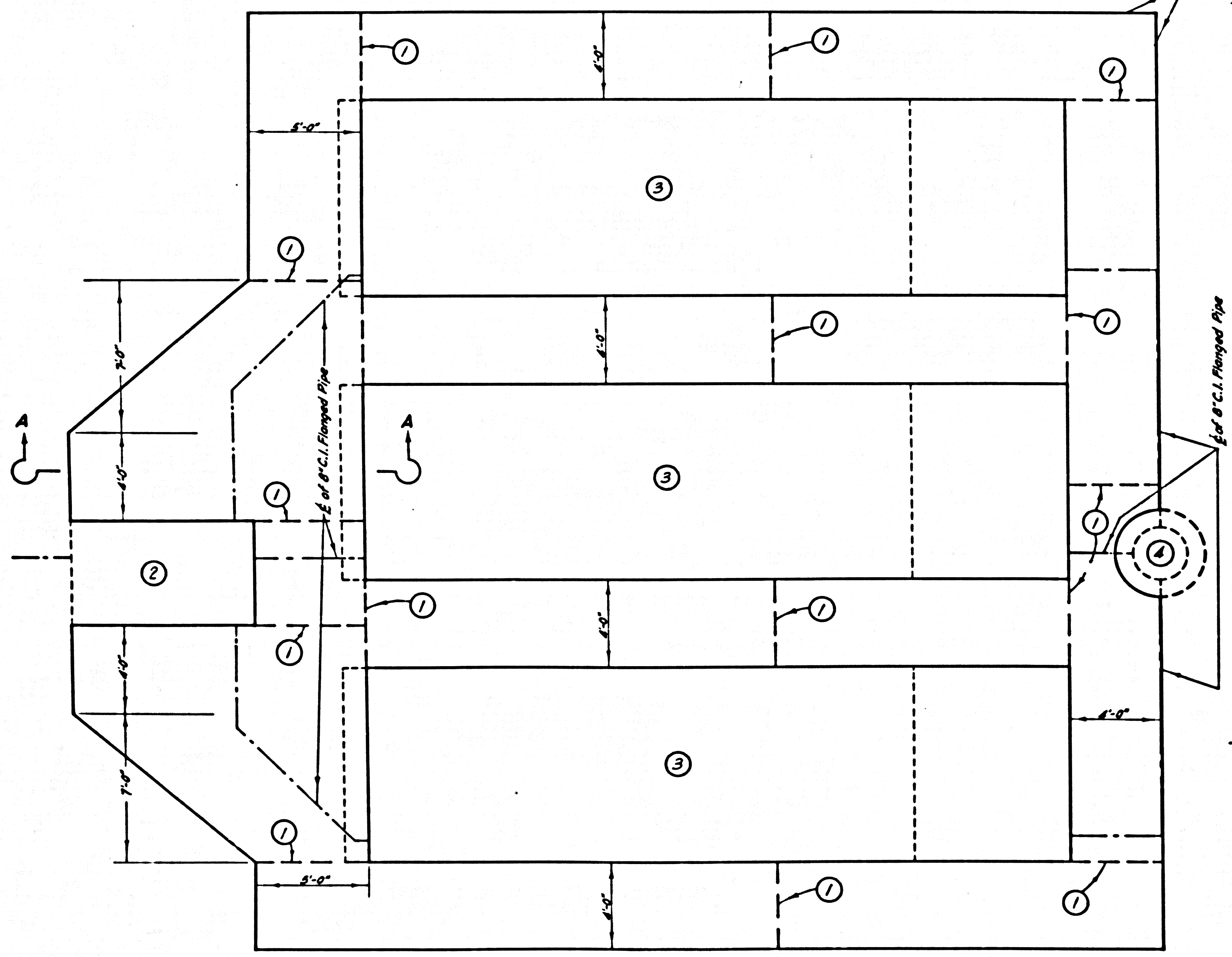


CONCRETE SLAB FOR TREATMENT PLANT
(3 REQUIRED)
SCALE - 3/8" = 1'-0"

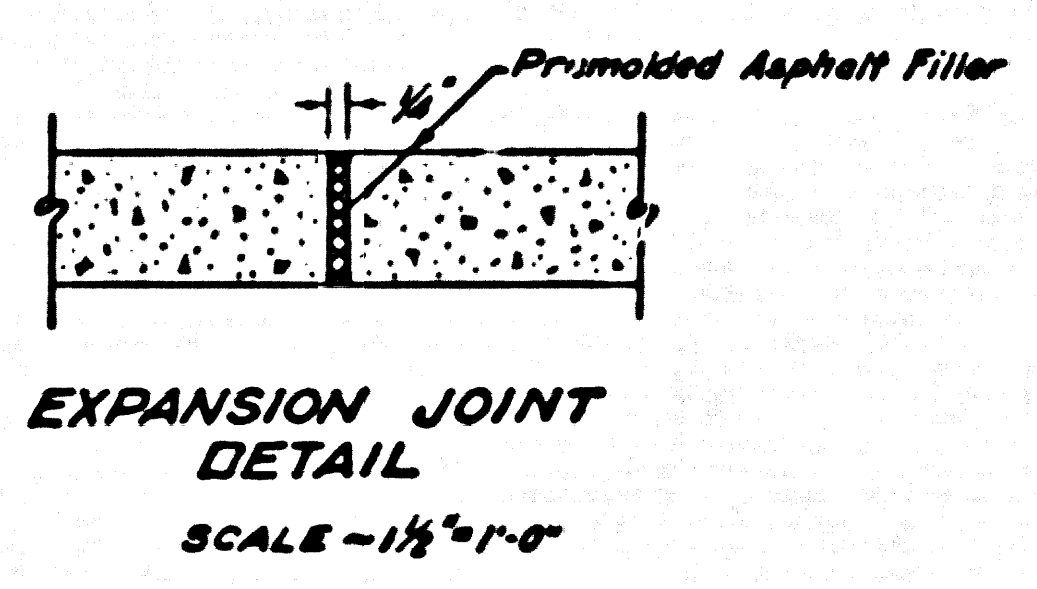


SECTION Y-Y
CONCRETE SLAB AND WALK
FOR HYPOCHLORINATOR SHELTER
SCALE - 1" = 4'

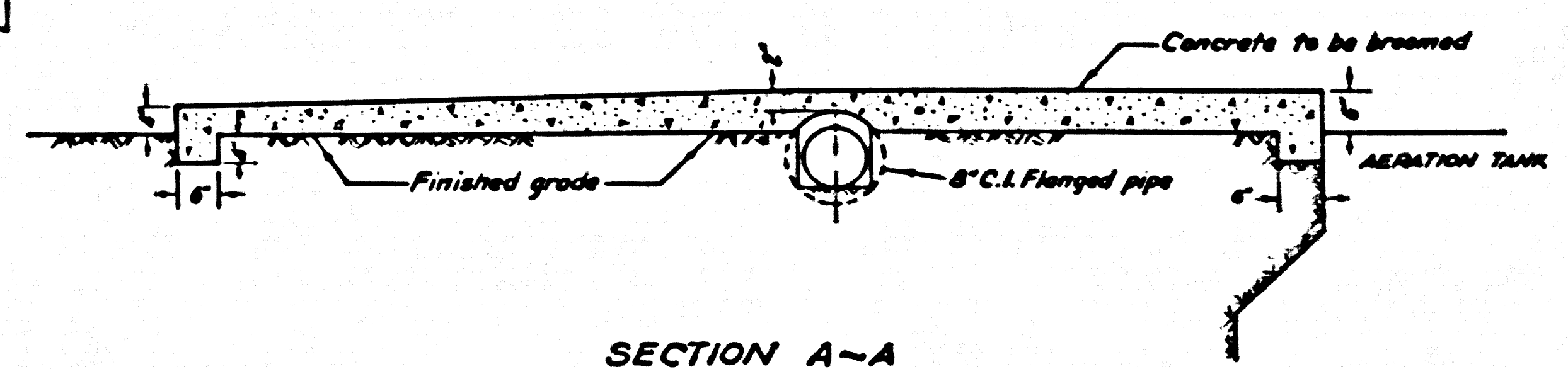
NOTE: Top of concrete slab for shelter 1" above concrete walk.



CONCRETE WALKWAYS AROUND PLANT
SCALE - 1" = 4'-0"



EXPANSION JOINT
DETAIL
SCALE - 1/2" = 1'-0"



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

LEGEND

- ① Expansion Joint (See Detail)
- ② Comminutor See Sheet 5
- ③ Treatment Plant
- ④ Collection Chamber See Sheet 5
- ⑤ Slab for Hypochlorinator Shelter See Sheet 8
- ⑥ Chlorine Contact Chamber See Sheet 8
- ⑦ Concrete Walk at Shelter

STEPHENS FRICK BOYS CAMP
SEWAGE TREATMENT PLANT
P.C. 4539 CAP. PROJ. NO. 8413.02

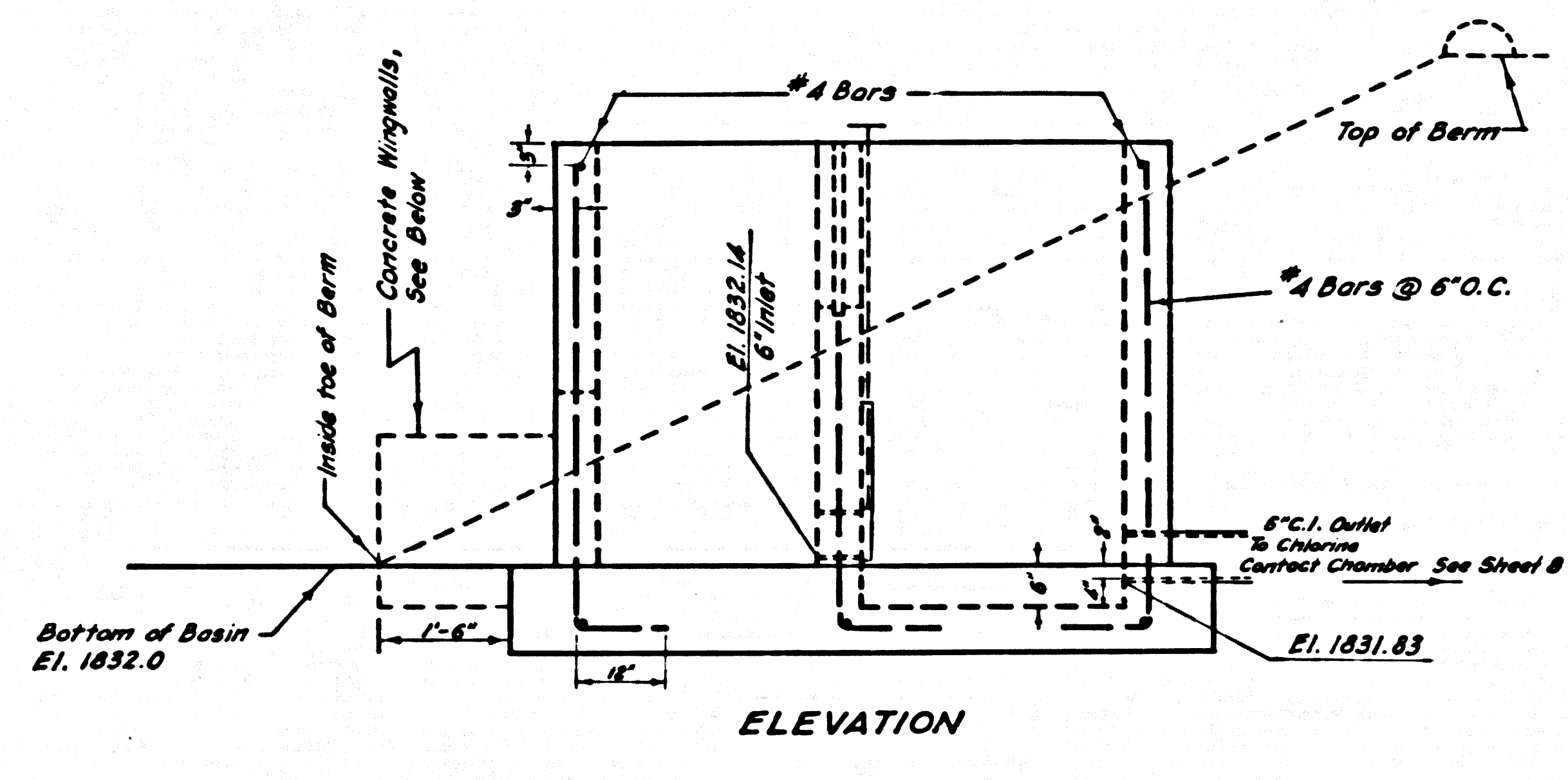
CONCRETE SLABS AND WALKS

COUNTY OF LOS ANGELES, CALIFORNIA
JOHN A. LAMBIE COUNTY ENGINEER

SUBMITTED: *[Signature]* APPROVED: *[Signature]*
ASSISTANT SANITATION ENGINEER SANITATION ENGINEER

APPROVED: *[Signature]* 2-2-60
FOR PROSATION DEPARTMENT

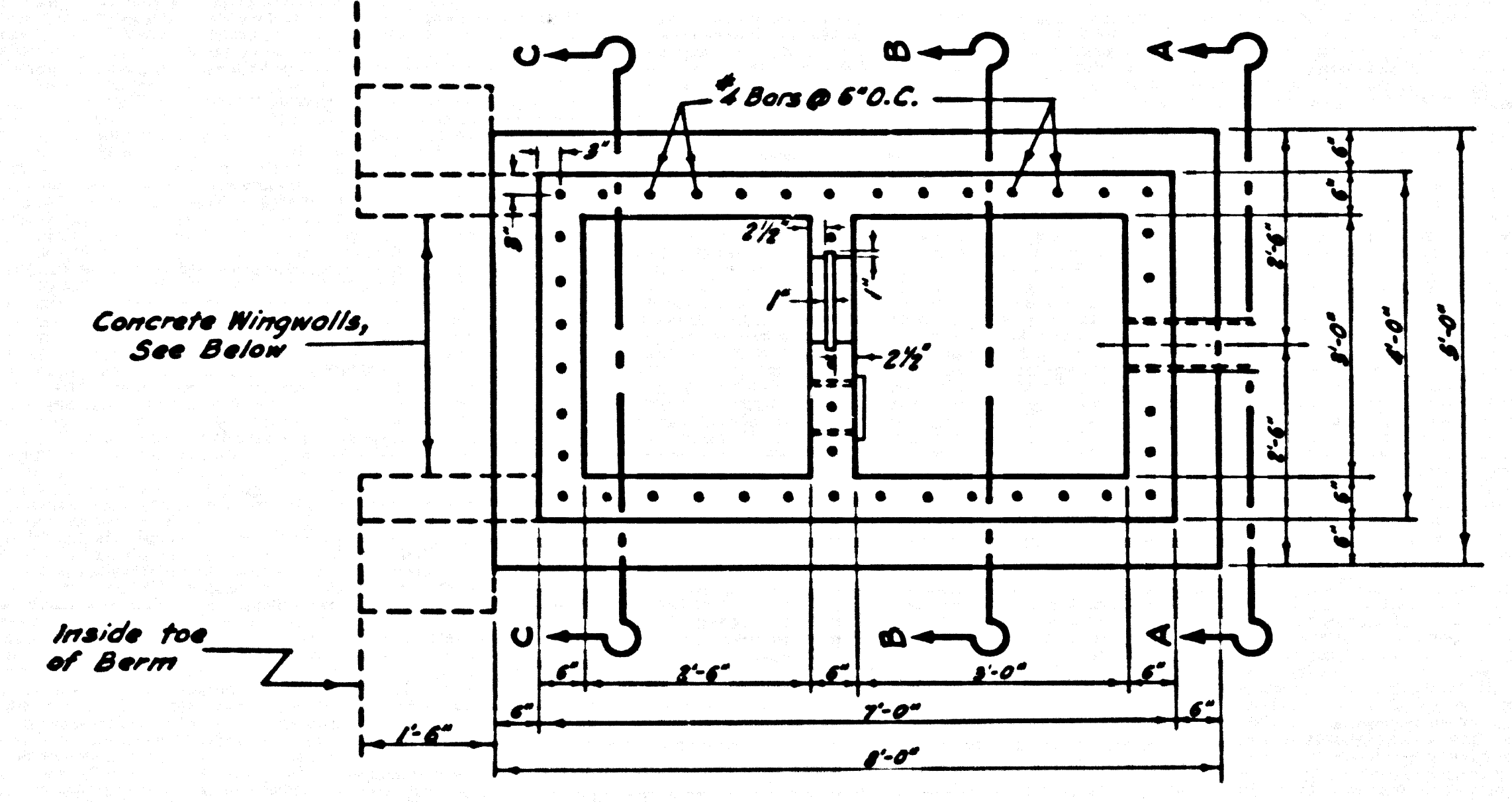
DESIGNED: SLAVIN & KRIEGL TRACED: H. WONG CHECKED: KRIEGL & SLAVIN
SCALE: AS SHOWN DATE: FEB. 1960 SHEET NO. 6 OF 8 SHEETS



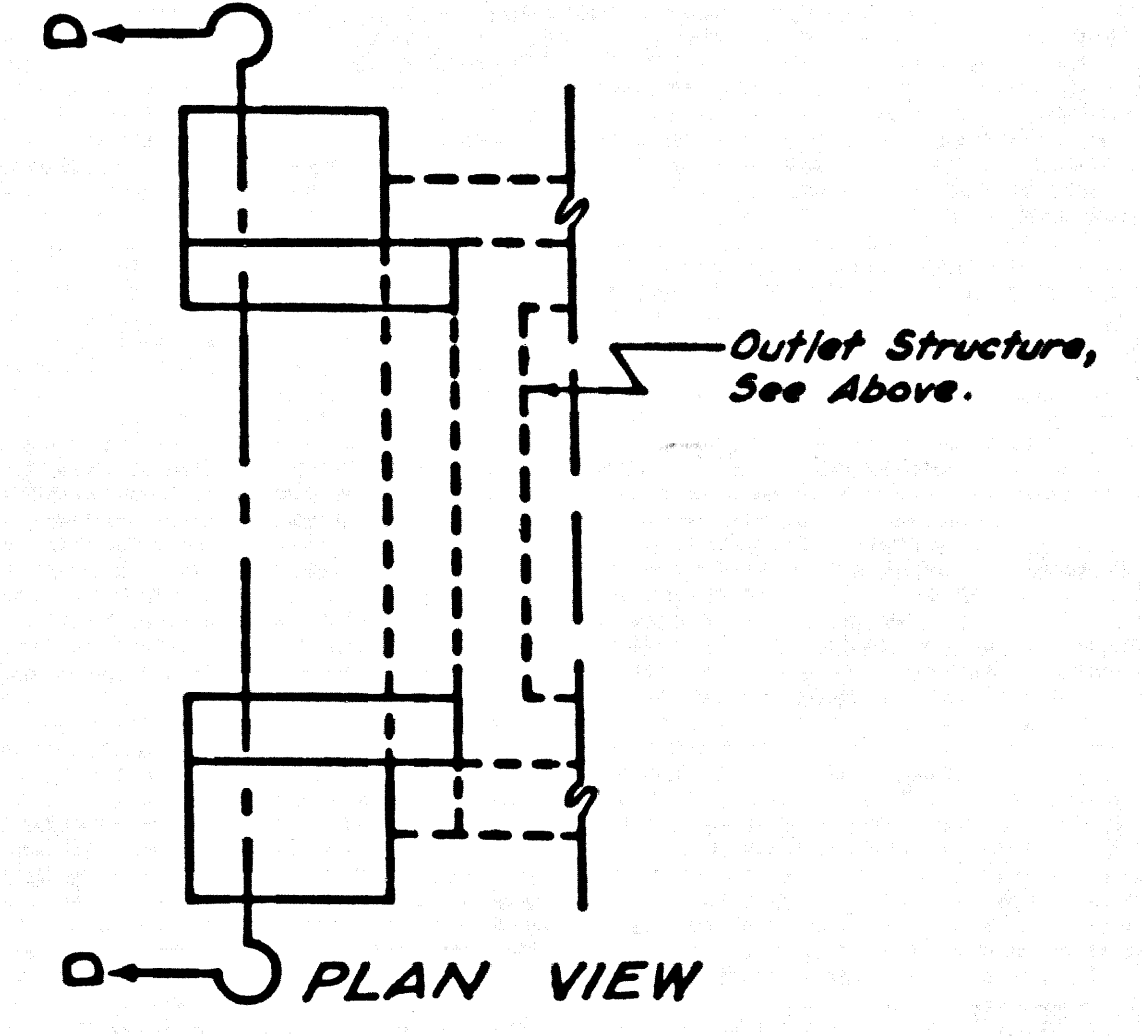
ELEVATION

OUTLET STRUCTURE
SCALE=1"=2'

NOTE: To be constructed of Class "A" Concrete

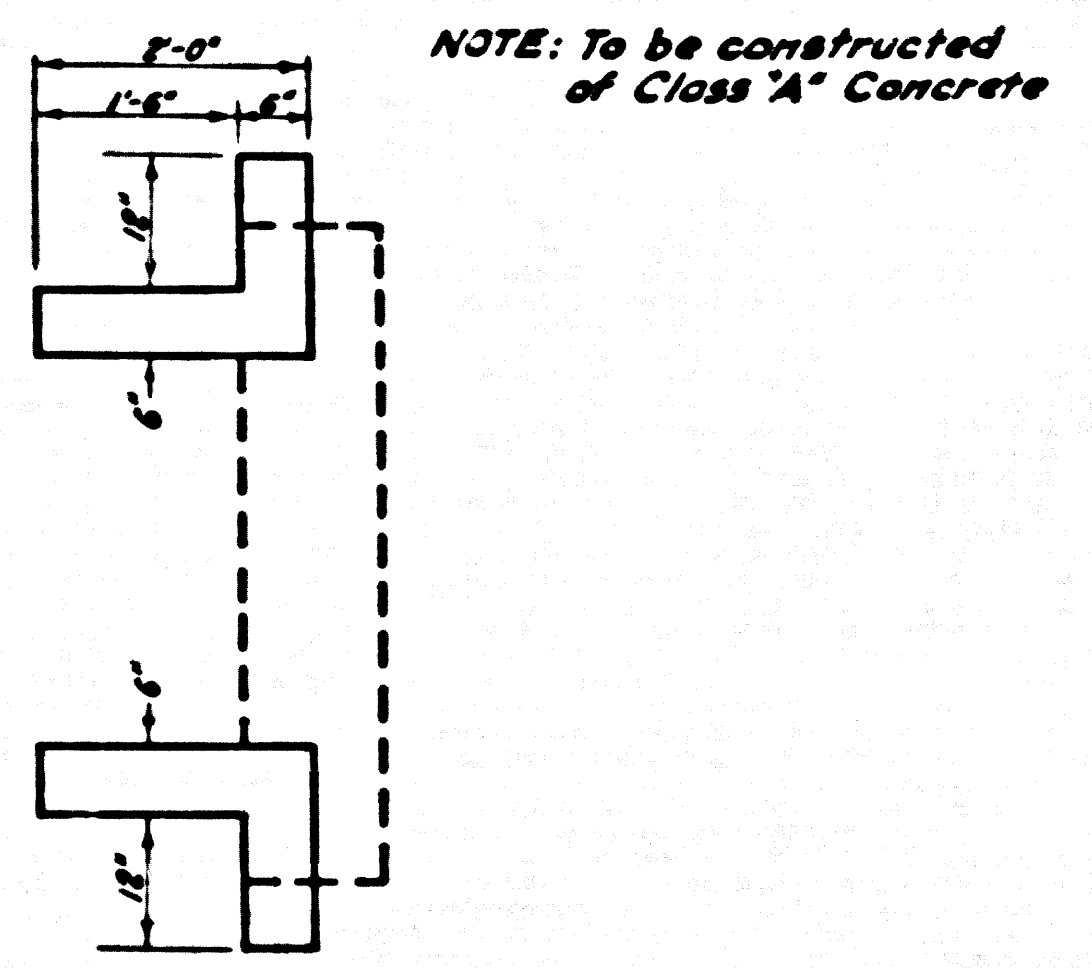


PLAN VIEW

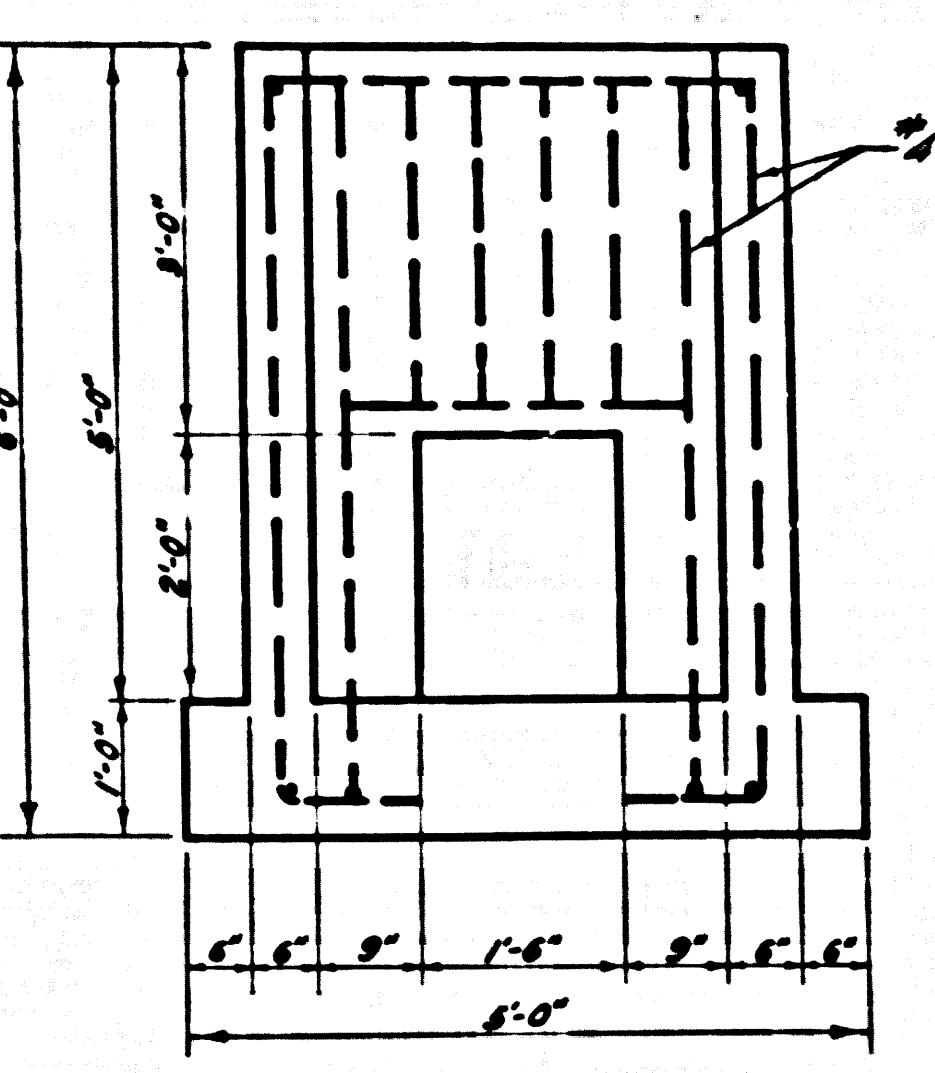


PLAN VIEW

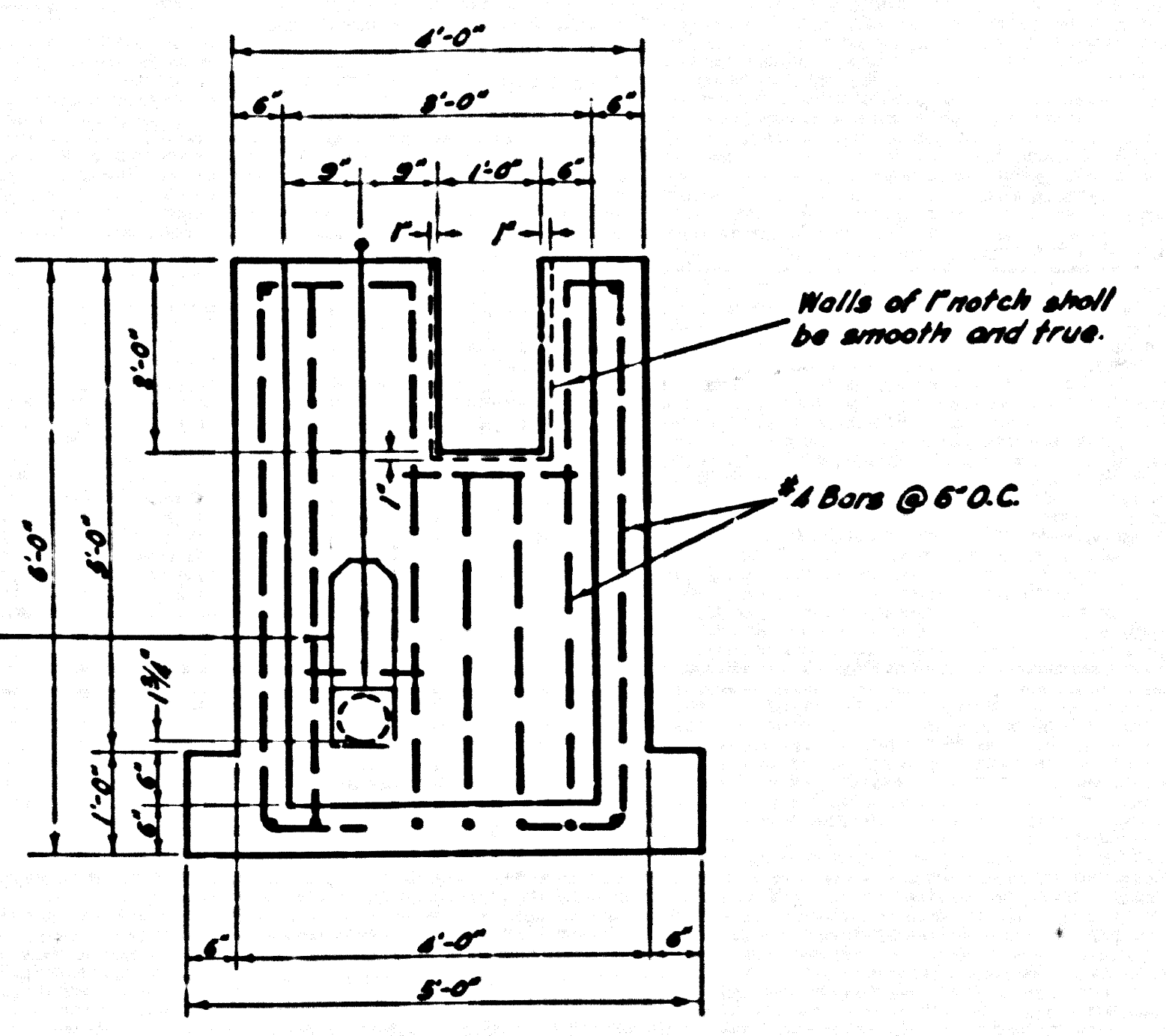
CONCRETE WINGWALLS
SCALE=1"=2'



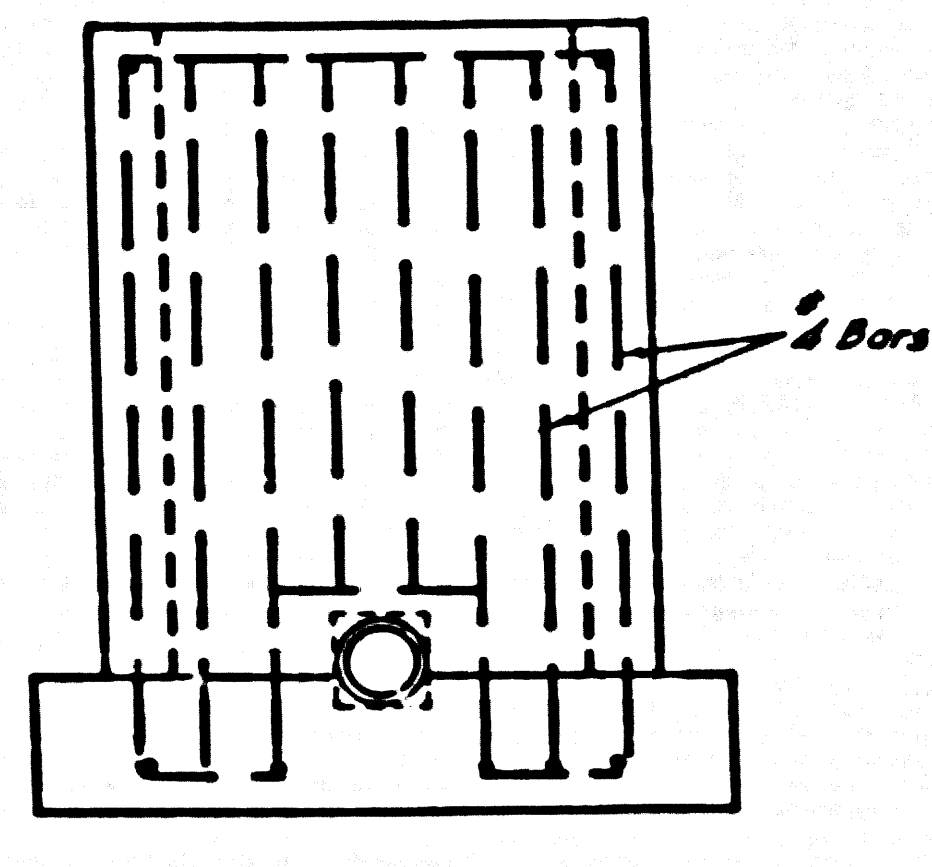
SECTION D-D



SECTION C-C

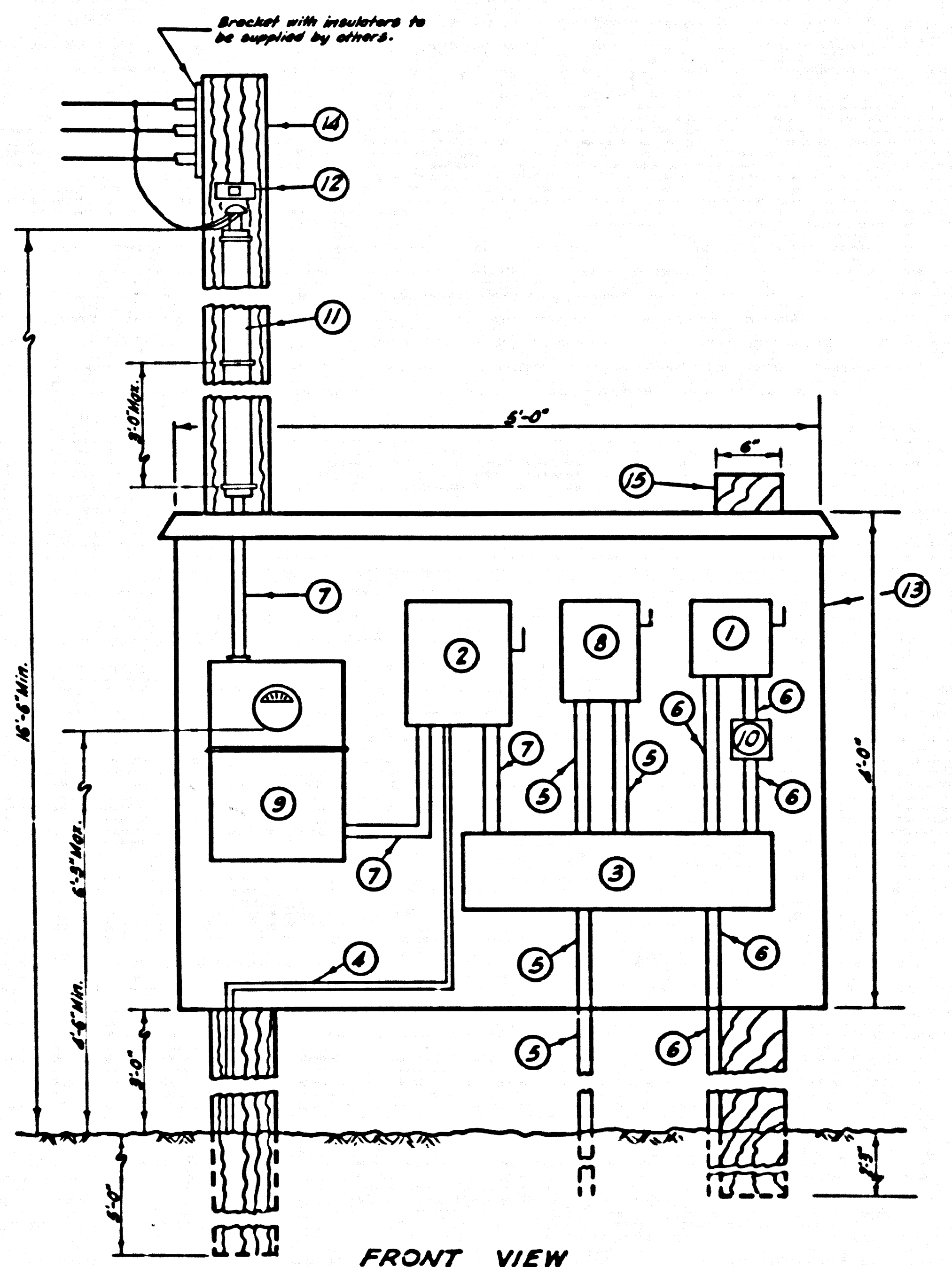


SECTION B-B



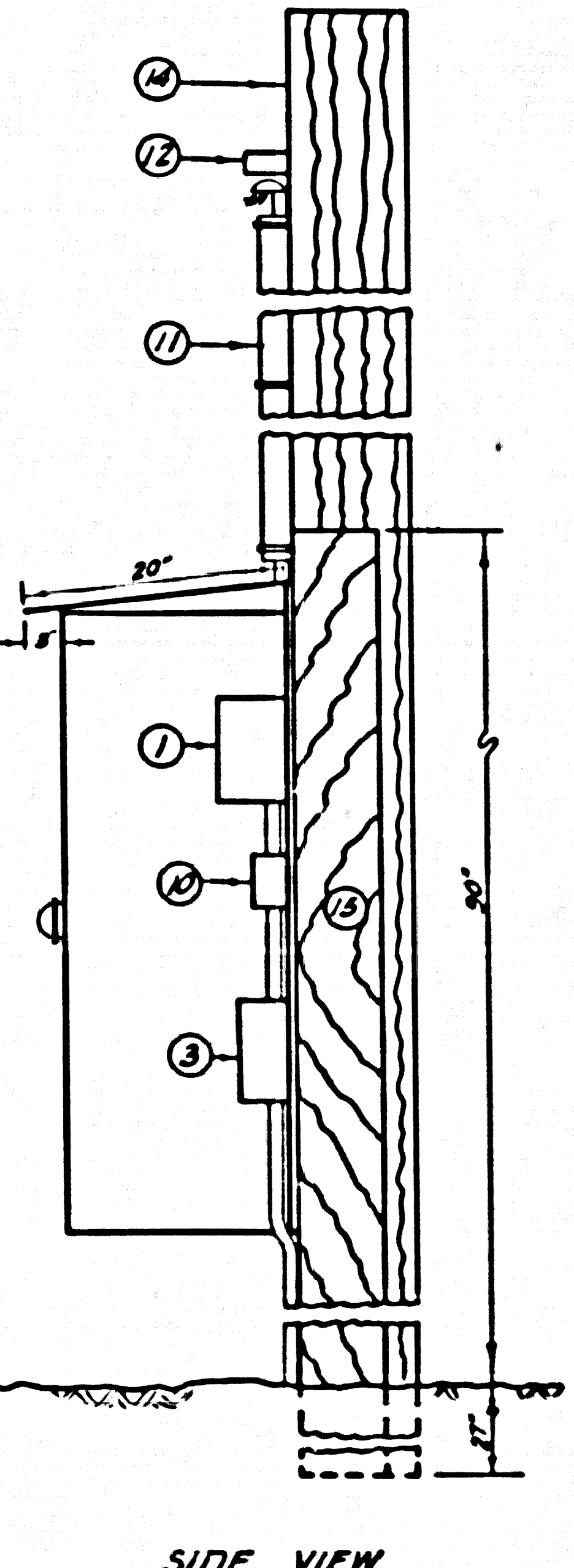
SECTION A-A

Snow Shasta Gate, Model 5M, Size N#6, or Approved Equal.



FRONT VIEW

ELECTRICAL PANELBOARD
~ NO SCALE ~



SIDE VIEW

ELECTRICAL PANELBOARD
LEGEND

- ① 20 Amp, 2 Pole, 240 Volt A.C. Industrial Circuit Breaker as per Square "D" Cat. No. 16220 or Approved Equal. (To Hypochlorinator.)
- ② 100 Amp, 3 Wire 240 Volt A.C. Industrial Circuit Breaker as per Square "D" Cat. No. 73316 or Approved Equal. (Main Disconnect.)
- ③ 6" x 6" x .86" Wire Gutter.
- ④ 1/2" Rigid Wrapped Conduit with 1-1/8" T.W. Stranded Wire. (Ground Wire, Connect to Water Line 3" x 1/2").
- ⑤ 1" Rigid Wrapped Conduit with 3/8" T.W. Stranded Wire. (To three Blowers and one Commutator.)
- ⑥ 3/4" Rigid Wrapped Conduit with 2-1/2 T.W. Stranded Wire. (To Hypochlorinator.)
- ⑦ 1/2" Rigid Conduit with 3/8" T.W. Stranded Wire.
- ⑧ 70 Amp, 3 Wire 3 Phase 240 Volt A.C. Circuit Breaker, Square "D" Cat. No. 75370, or Approved Equal. (To Blowers and Commutator.)
- ⑨ Heavy Duty Combination Meter Box for EKO installations 0-600 Watts, Alswelt, Cat. No. A 204 X 0, 14" x 8 1/2" x 6" Box complete with 1 1/2" Hub or Approved Equal. NOTE: Meter Bracket shall be for "S" base meter.
- ⑩ Shop-down 240-120 Volts. Transformer, Wallace Termco Cat. No. U11677, 100 VA, Transformer in NEMA Type I enclosure, or Approved Equal. (For Hypochlorinator.)
- ⑪ 2" Fiber Conduit. (For Service Conduit.)
- ⑫ 4" x 6" x 6" Crossed wood block bolted to pole in 1/8" gap.
- ⑬ 4" x 8" x 1" Water-tight plywood, backboard.
- ⑭ Class 5, 30' Crossed treated wooden pole.
- ⑮ 6" x 6" x 5'-8" Crossed treated wooden post.

NOTE: Install double heap for pedlocking, one for Power Co. and one for County pedlock. Furnish padlock and keys per Specs. Paint panelboard as follows: Prime coat - Fylling #1579 Heavy Duty Plastic Undercoat; 2 Finish Coats - Fylling #3836 Fulltint.

STEPHENS FRICK BOYS CAMP
SEWAGE TREATMENT PLANT
P.C. 4539 CAP. PROJ. NO. 8413.02

OUTLET STRUCTURE AND ELECTRICAL PANEL BOARD

COUNTY OF LOS ANGELES, CALIFORNIA
JOHN A. LAMBIE COUNTY ENGINEER

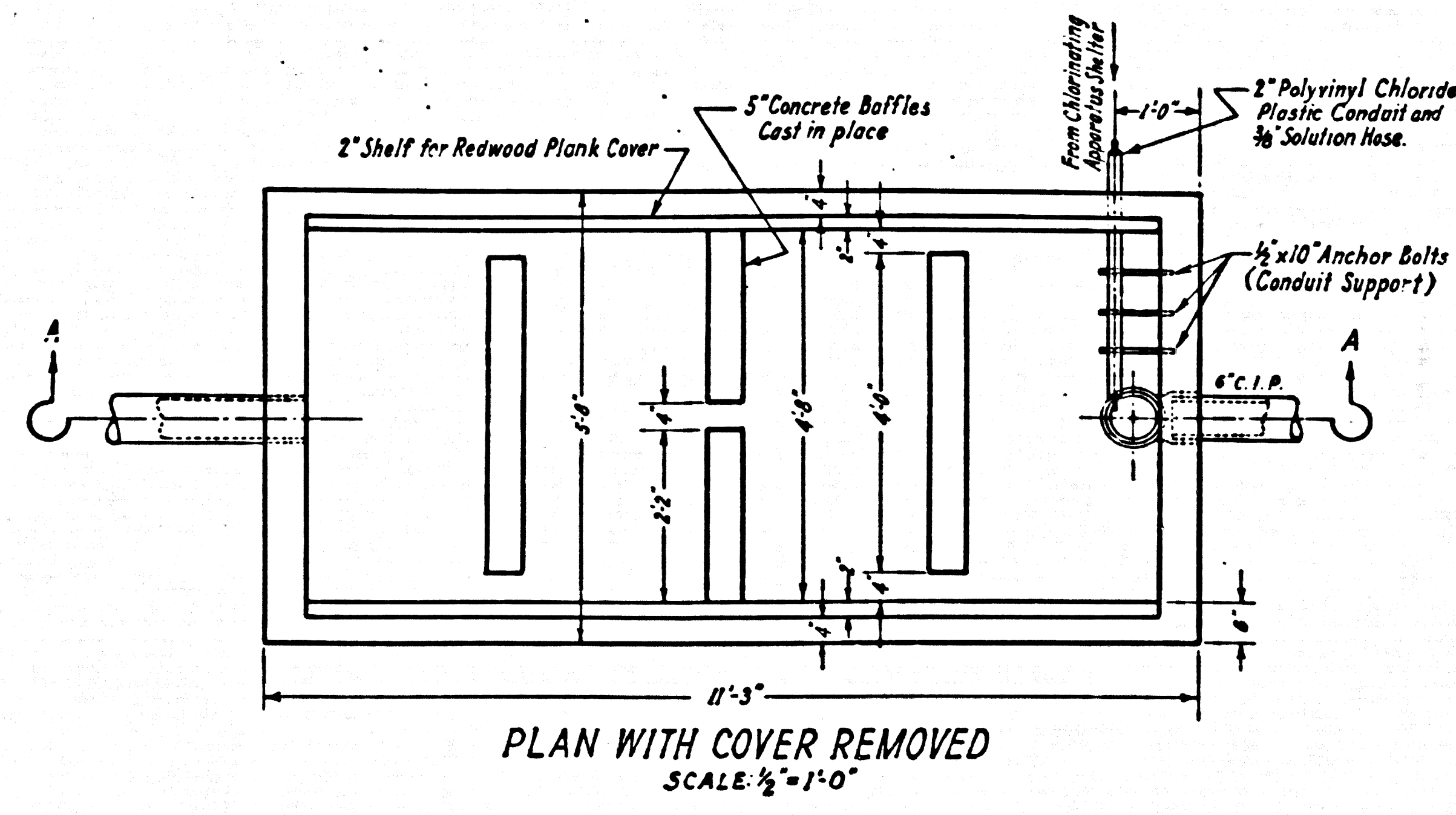
SUBMITTED: *[Signature]* APPROVED: *[Signature]*
ASSISTANT SANITATION ENGINEER SANITATION ENGINEER
APPROVED: *[Signature]* FOR PROBATION DEPARTMENT

DESIGNED: SLAVIN & KRIEGL TRACED: H. WONG CHECKED: KRIEGL & SLAVIN
SCALE: AS SHOWN DATE: FEB. 1960 SHEET NO. 7 OF 8 SHEETS

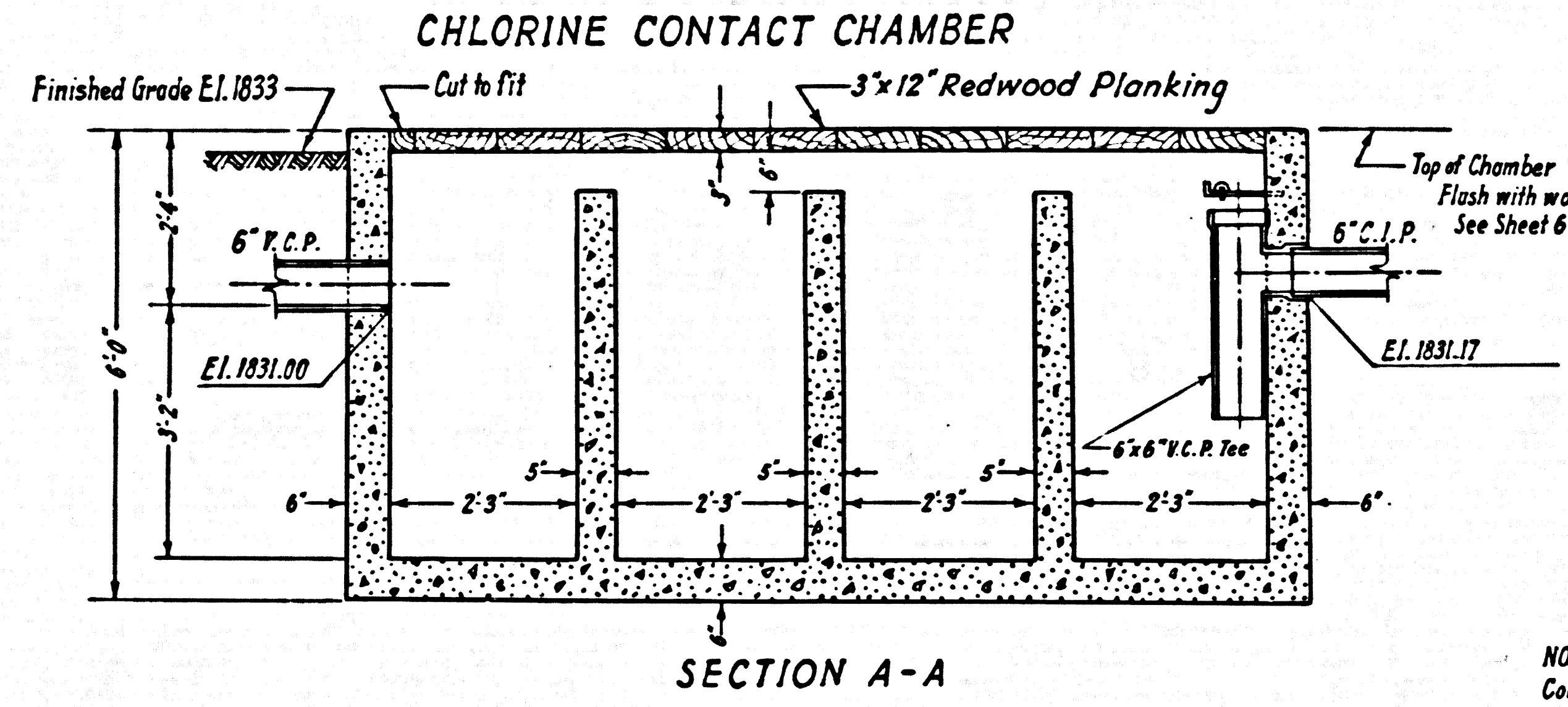
SHEET 7 TREATMENT PLANT STEPHENS FRICK BOYS CAMP
P.C. 4539 CAP PROJ. NO. 8413.05

TRIM LINE

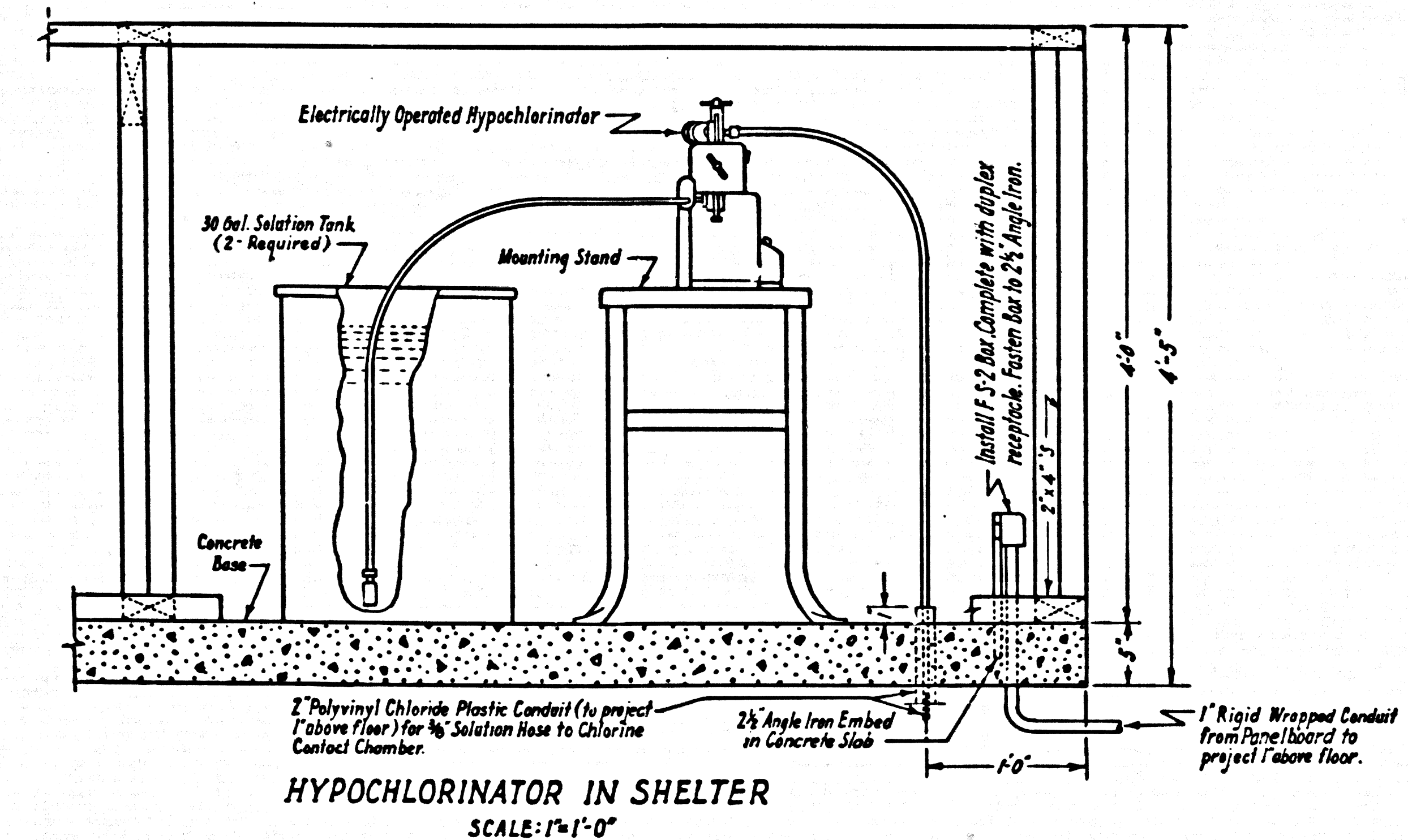
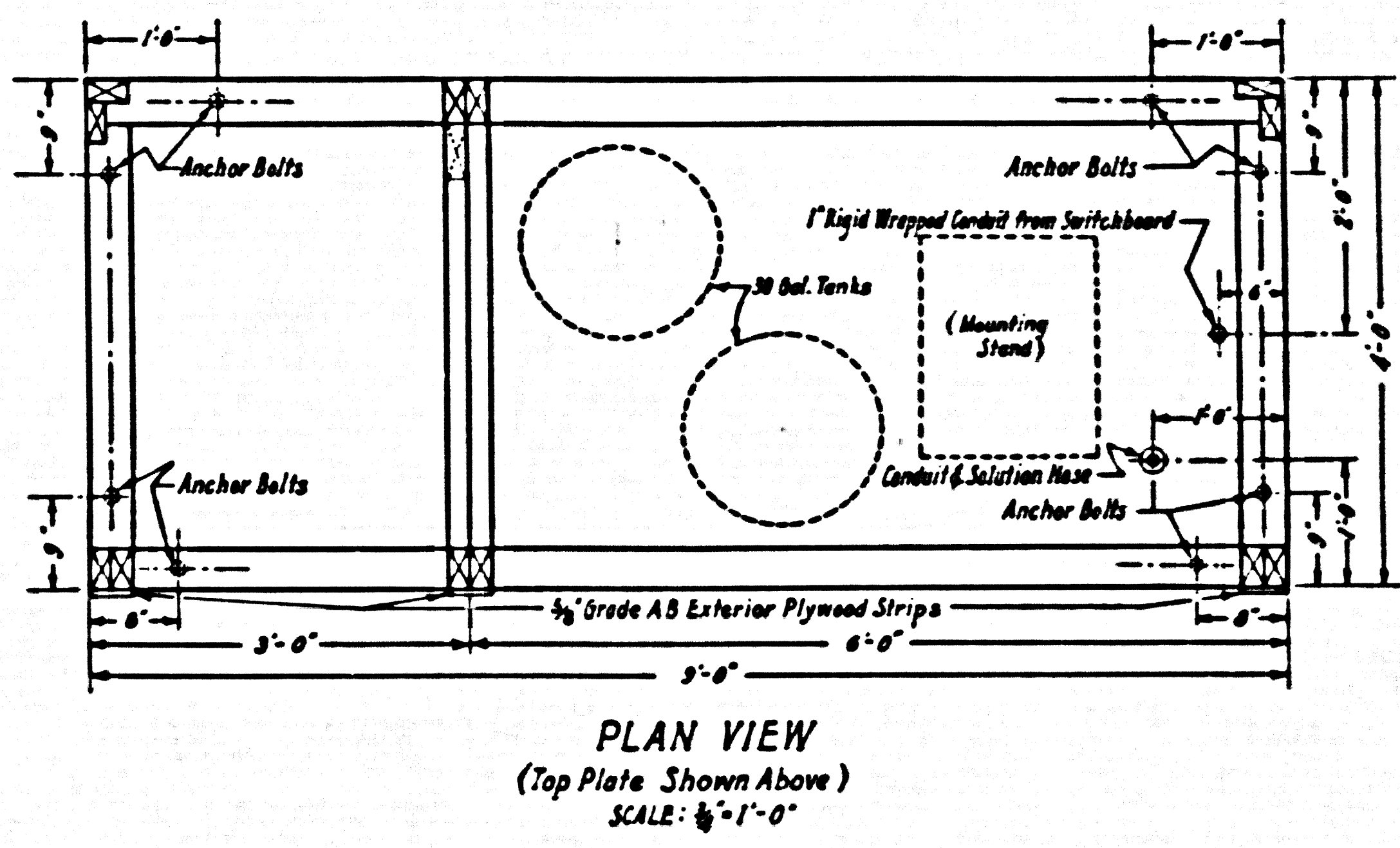
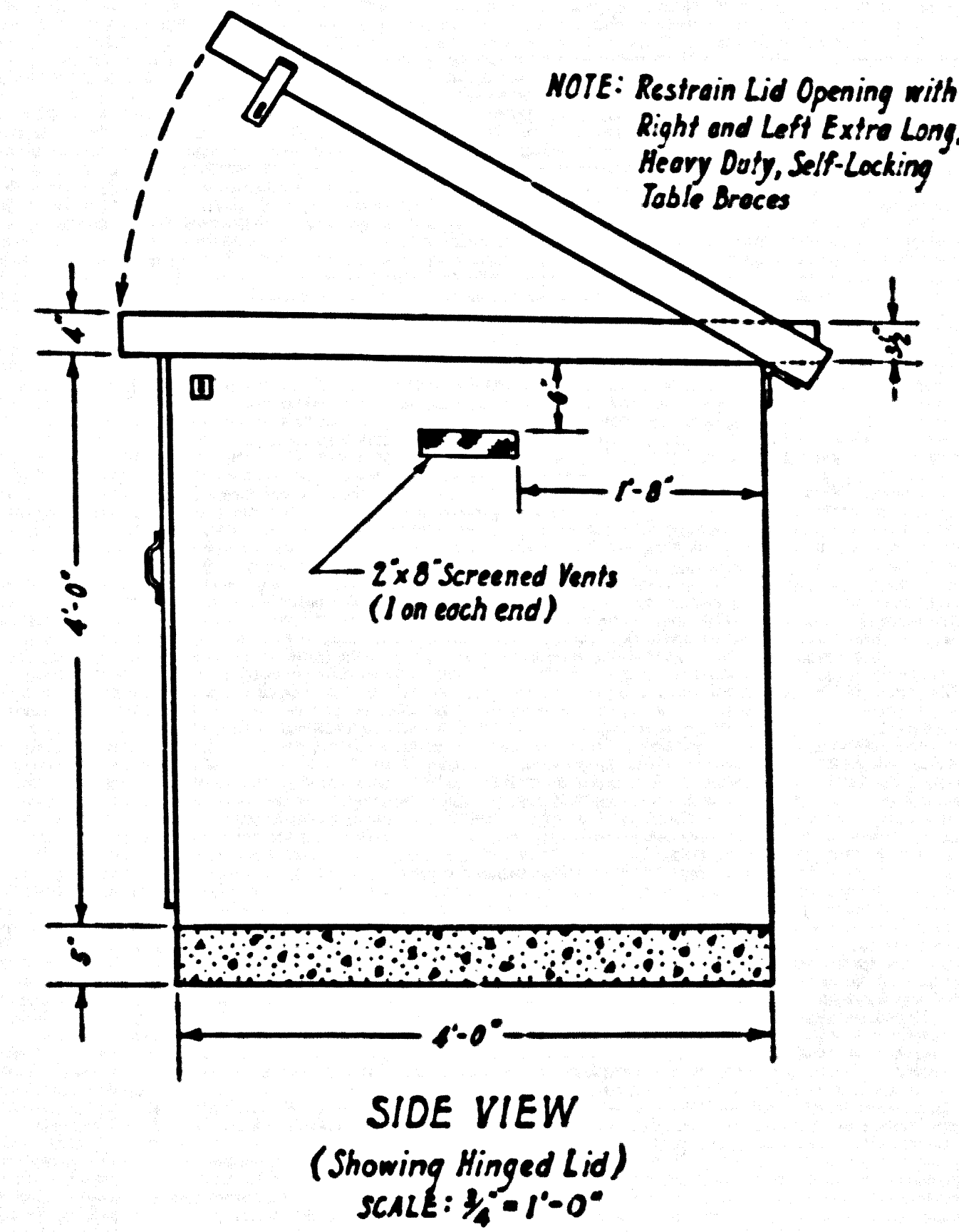
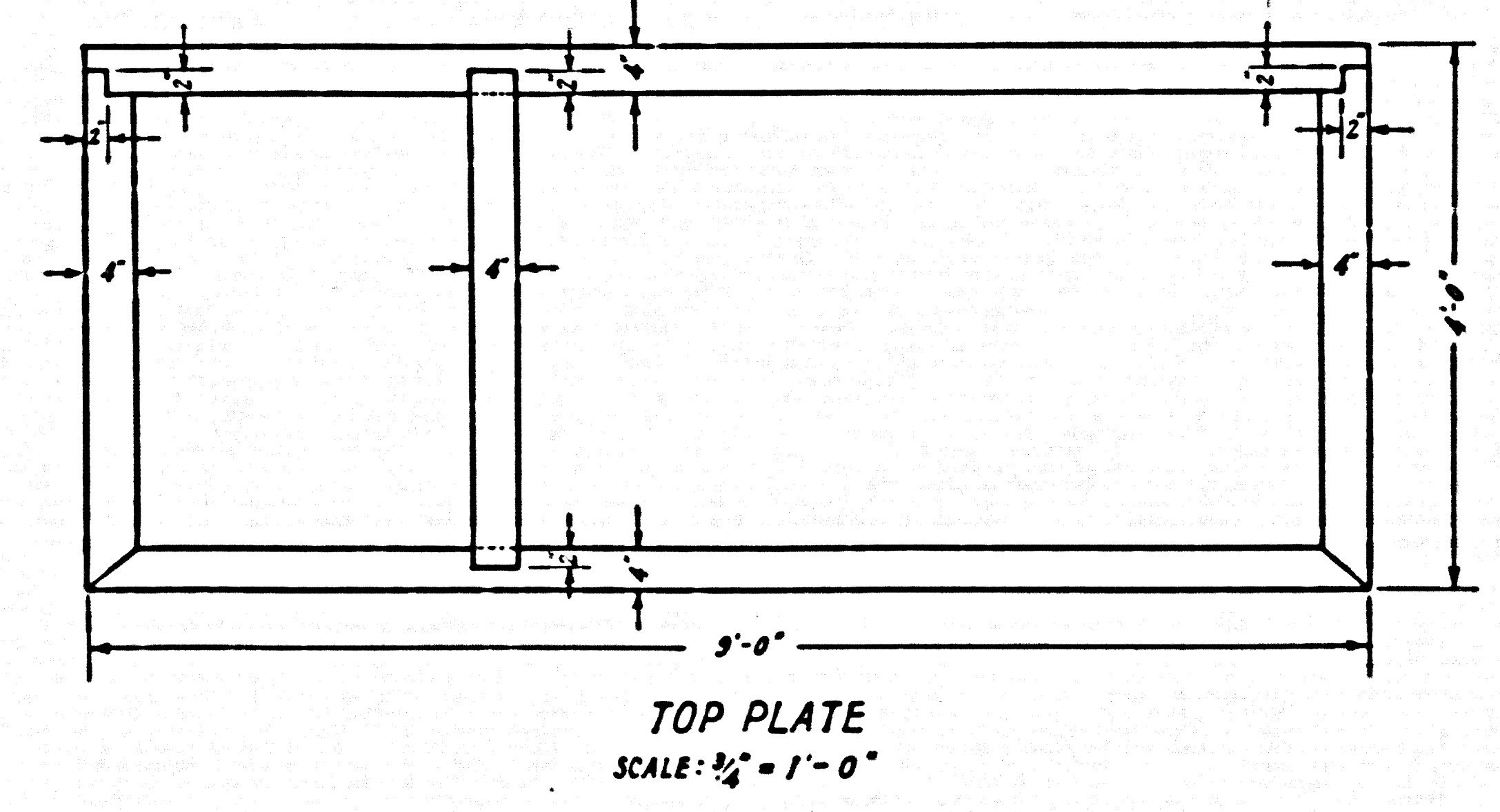
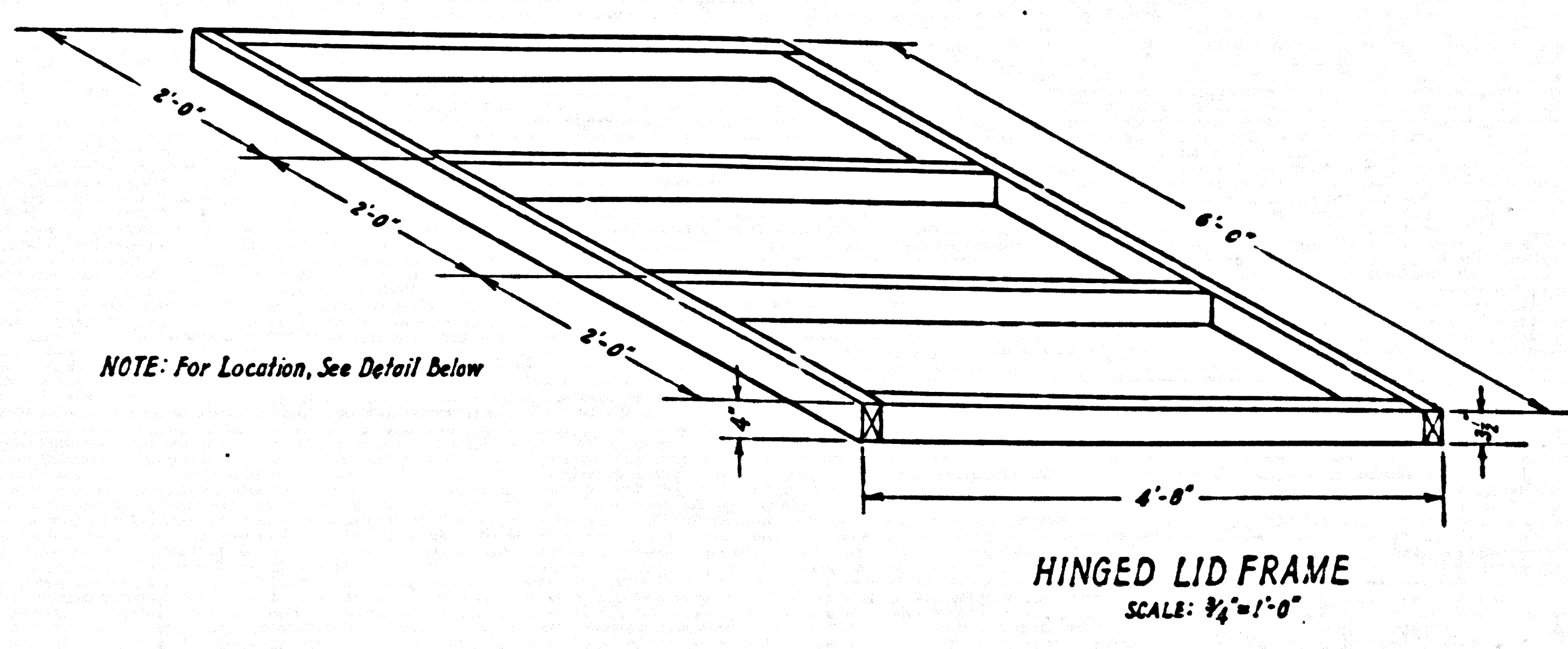
TRIM LINE



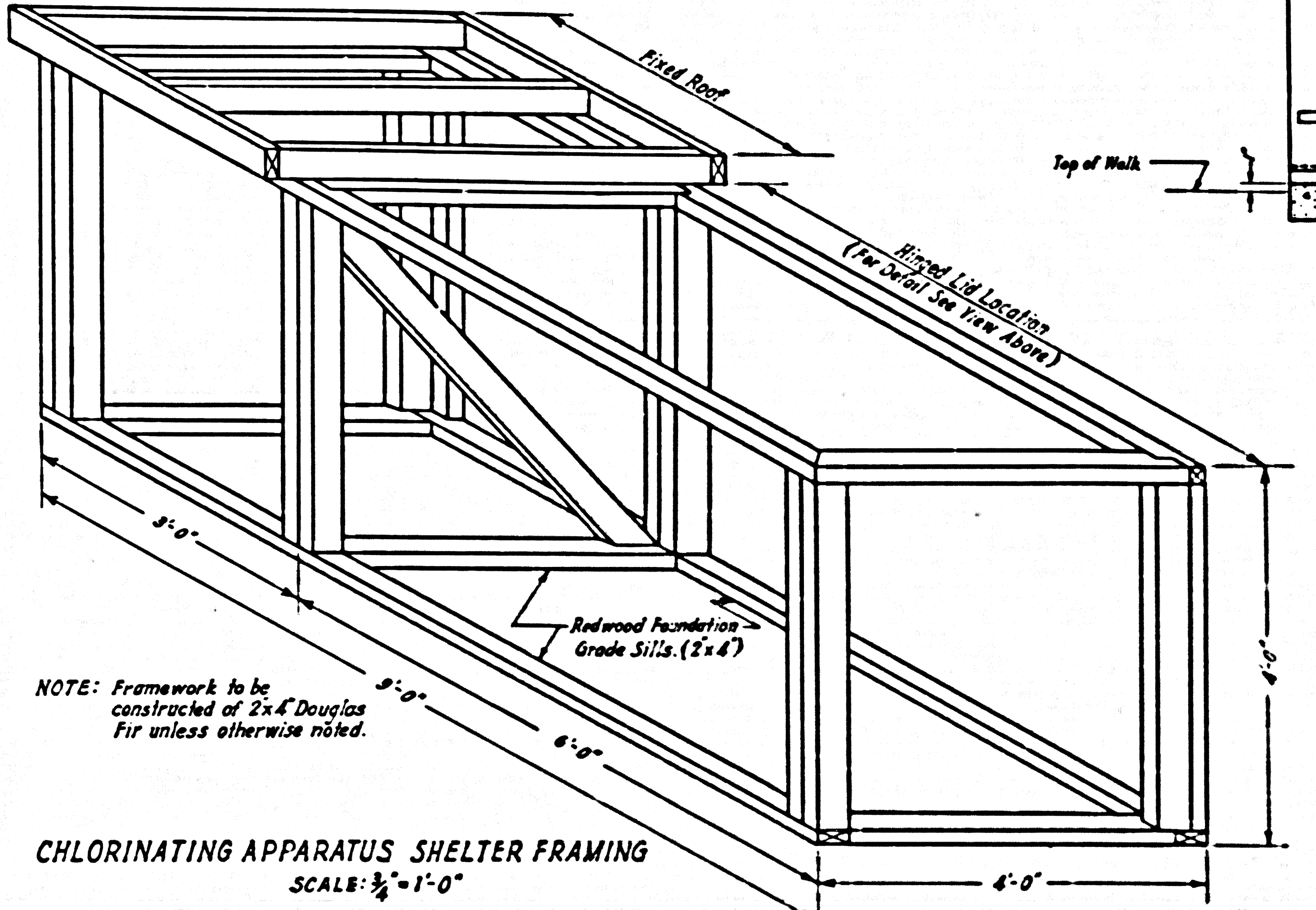
NOTE: To be constructed of Class 'A' Concrete



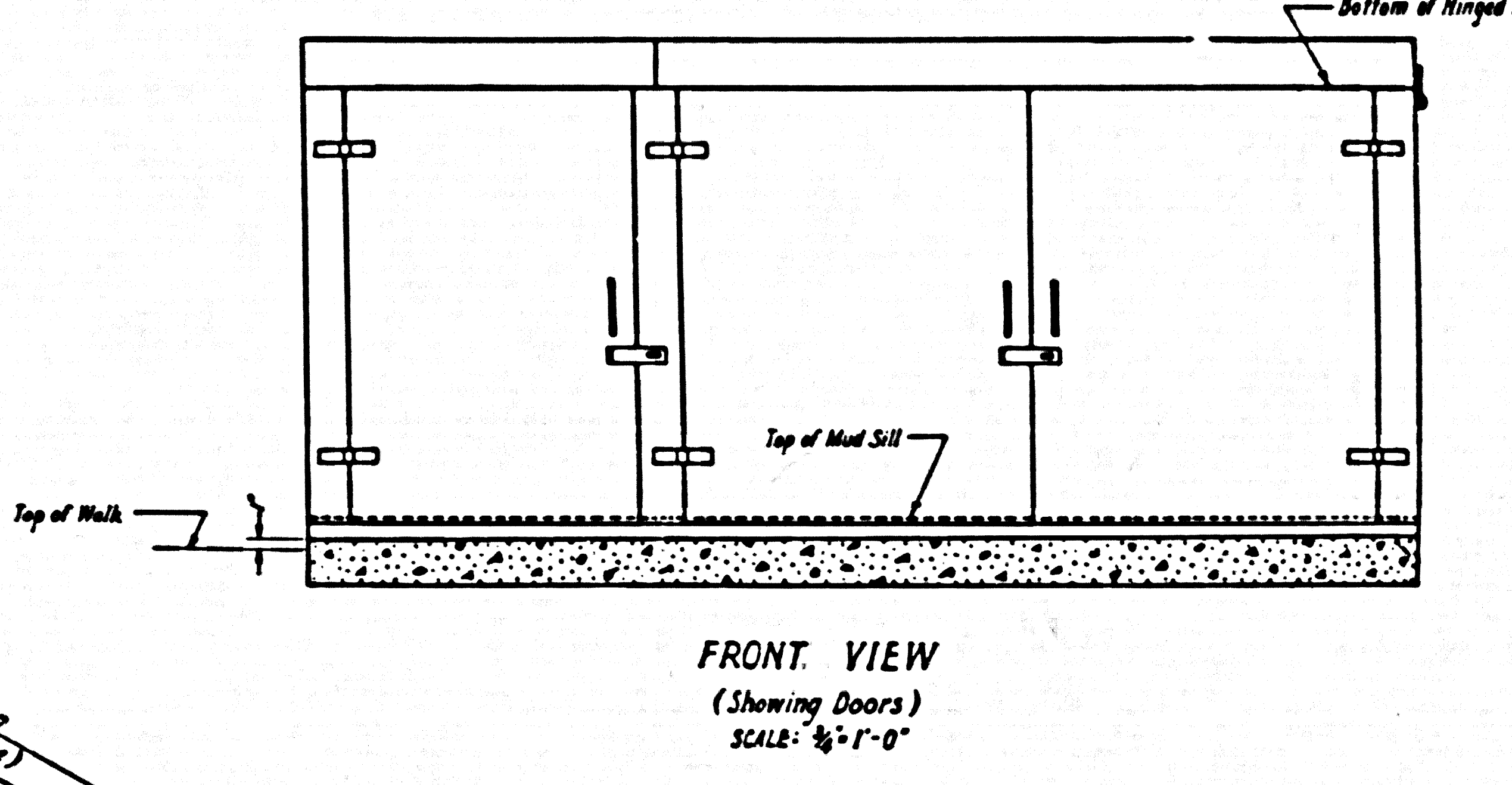
NOTE: Hinged Lid Frame to be Constructed of 2x4 Douglas Fir.



NOTE: Contractor to Furnish and Place in Shelter the following Tools:
 2-25 Plastic Hoses, 3/8\"/>



NOTE: Framework to be constructed of 2x4 Douglas Fir unless otherwise noted.



NOTES:
 Construct Chlorinating Apparatus Shelter Framework of Construction Grade Douglas Fir on Redwood Foundation Grade Sills.
 All Sizing Dimensions Shown for Materials are Nominal Dimensions; Actual Dressed Dimensioned Lumber According to the West Coast Lumbermen's Association to be used.
 Members Shall be Accurately Cut and Fitted, Securely Nailed, Bolted, or Anchored Together in such Manner as to Produce Rigid Substantial Construction.
 For Doors and to Cover Framing, Use 3/4\"/>

STEPHENS FRICK BOYS CAMP
SEWAGE TREATMENT PLANT
 P.C. 4539 CAP. PROJ. NO. 8413.02

CHLORINATING APPARATUS SHELTER AND CHLORINE CONTACT CHAMBER

COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBIE COUNTY ENGINEER

SUBMITTED: [Signature] APPROVED: [Signature]
 ASSISTANT SANITATION ENGINEER SANITATION ENGINEER

APPROVED: [Signature] 2-2-60
 FOR PROBATION DEPARTMENT

DESIGNED: SLAVIN & KRIEGLER TRACED: STANGER CHECKED: KRIEGLER & SLAVIN
 SCALE: AS SHOWN DATE: FEB. 1960 SHEET NO. 8 OF 8 SHEETS

B.C. 4539 CHB 8507 NO 8413.02 STEPHENS FRICK BOYS CAMP TRIM LINE

TRIM LINE