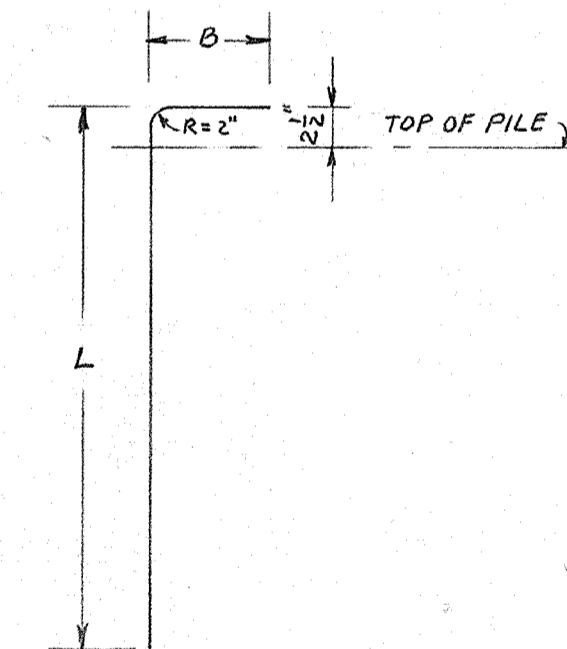


PILE SCHEDULE						
NO.	DIAMETER	LENGTH	ELEVATION (TOP OF PILE)	REINFR. STL.		
				NO.	SIZE	
1	12"	4'-0"	139.00	3	#4	4'-0" 1'-0"
2	12"	5'-0"	138.95	3	#4	5'-0" 1'-0"
3	12"	6'-0"	138.66	3	#4	6'-0" 1'-0"
4	12"	6'-0"	138.66	3	#4	6'-0" 1'-0"
5	12"	6'-0"	138.66	3	#4	6'-0" 1'-0"
6	12"	8'-0"	138.66	3	#4	8'-0" 1'-0"
7	12"	8'-0"	138.66	3	#4	8'-0" 1'-0"
8	12"	5'-0"	138.95	3	#4	5'-0" 1'-0"
9	12"	4'-0"	139.00	3	#4	4'-0" 1'-0"
10	12"	4'-0"	139.00	3	#4	4'-0" 1'-0"
11	12"	4'-0"	139.00	3	#4	4'-0" 1'-0"
12	12"	4'-0"	139.00	3	#4	4'-0" 1'-0"
13	18"	8'-0"	138.71	4	#4	8'-0" 1'-6"
14	18"	8'-0"	138.71	4	#4	8'-0" 1'-6"
15	18"	8'-0"	138.71	4	#4	8'-0" 1'-6"
16	18"	8'-0"	138.71	4	#4	8'-0" 1'-6"

CIR. TIES, 36 #3 14" DIA.  
" " 28 #3 8" DIA.

**TOTAL QUANT. MAT'L:**  
CONC. 4 CUBIC YARDS  
STEEL 350 POUNDS



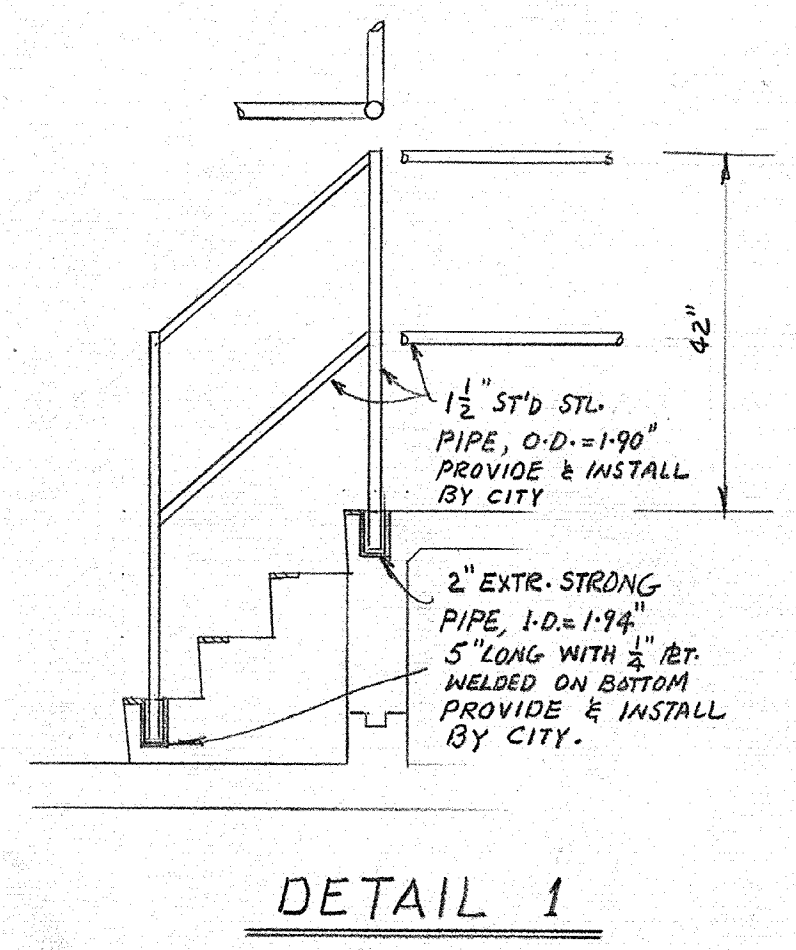
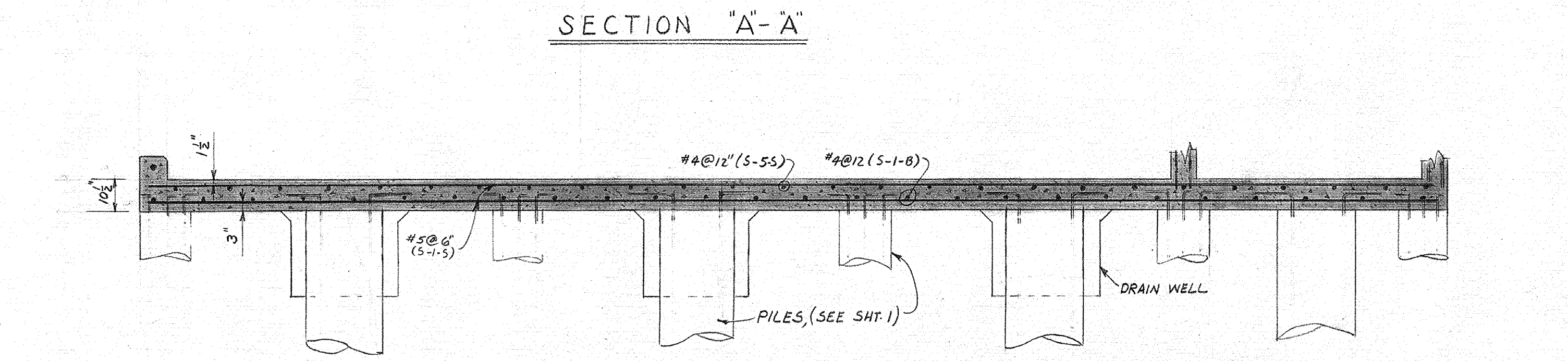
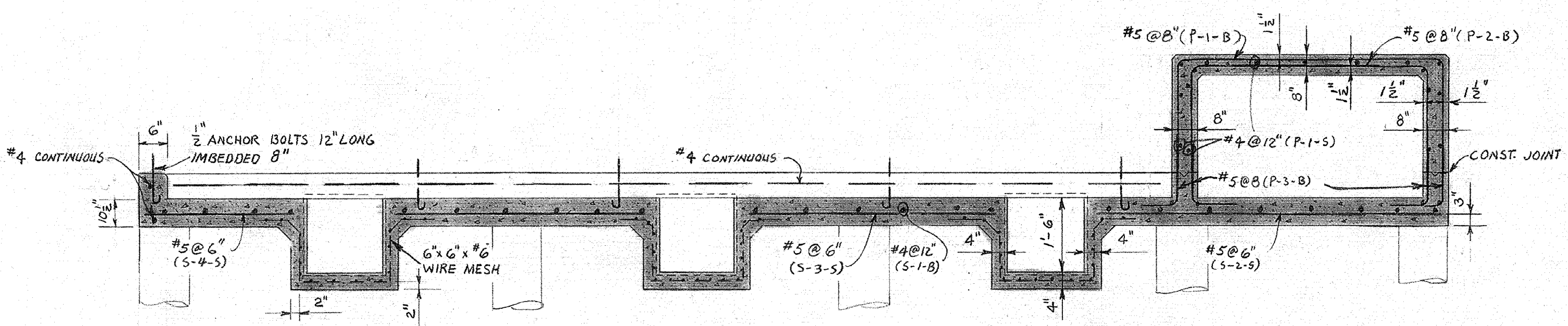
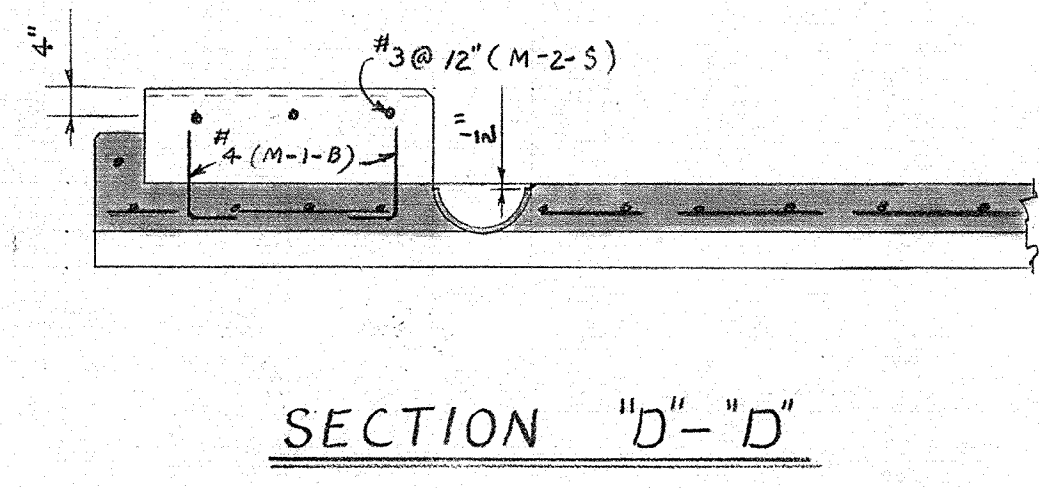
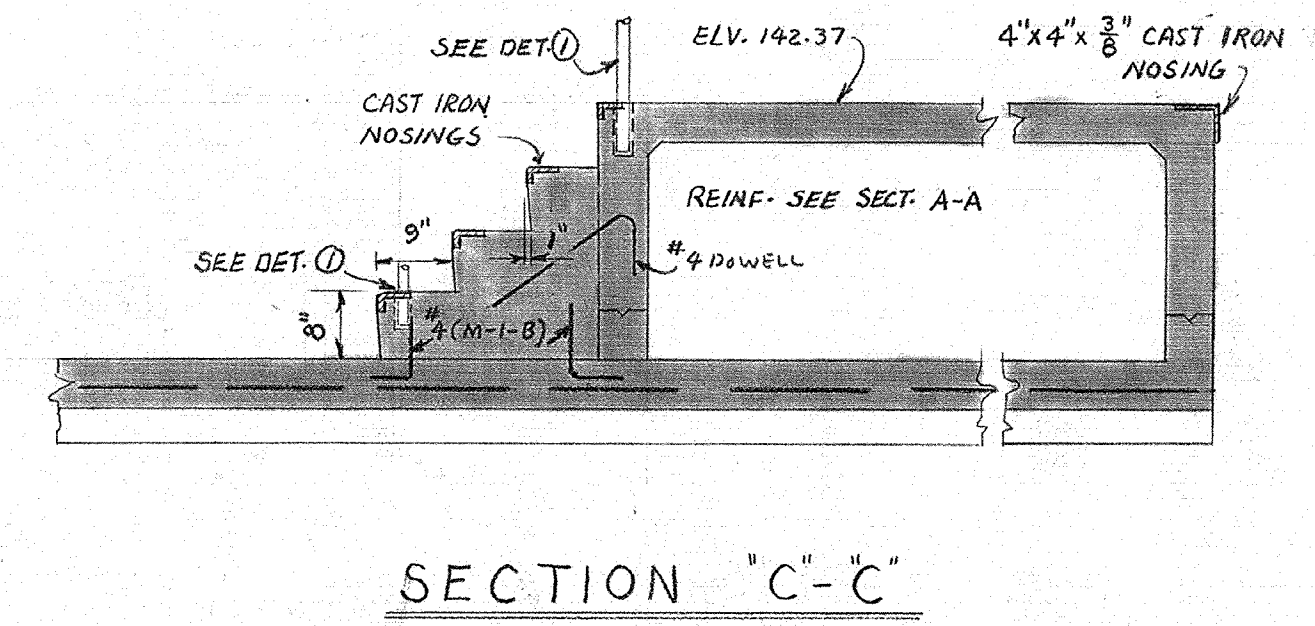
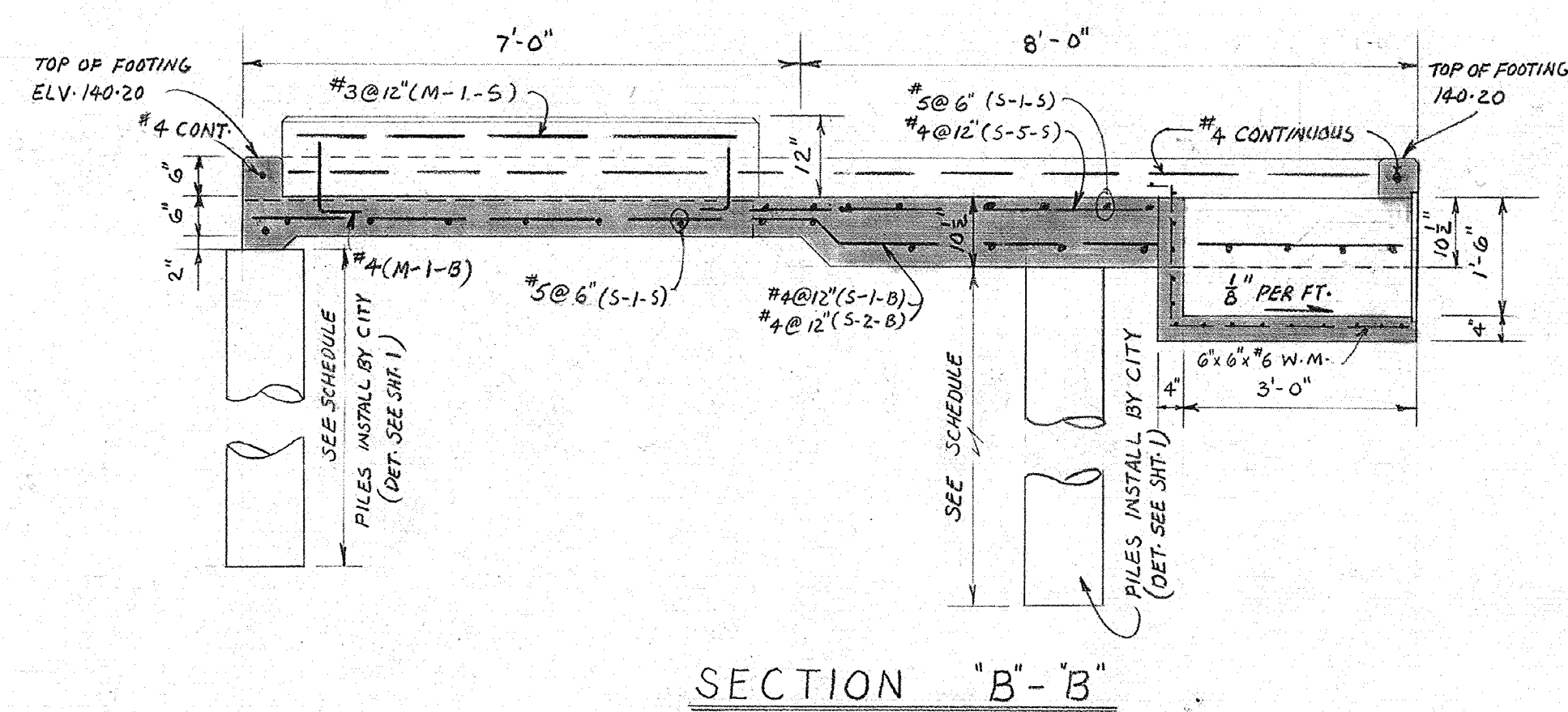
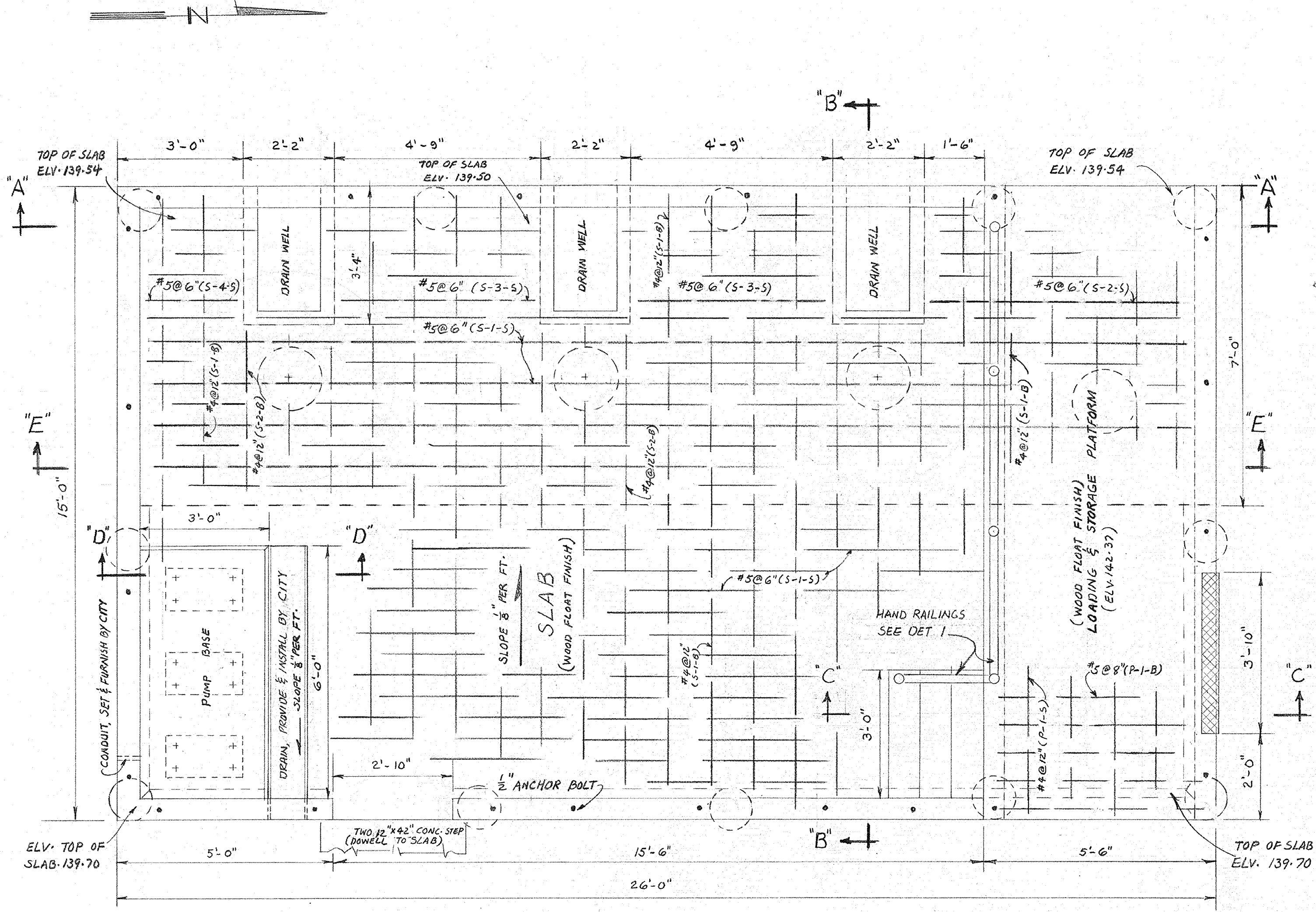
- NOTES:**
1. TOP OF S.E. CORNER OF TRANSFORMER PAD SHALL BE ASSUME ELV. 140.50.
  2. ALL CONC. SHALL BE CLASS "A" (6 SACKS) MAXIMUM AGGREGATE SIZE 1".
  3. REINF. STL. SHALL BE INTERMEDIATE GRADE, ASTM A 15-39, DEFORMATION ASTM A-305.
  4. ALL STL. SHALL HAVE 2" PROTECTIVE COVERAGE OF CONC. EXCEPT OTHERWISE SPECIFIED.
  5. ALL GRADING, INSTALLATION OF PILES, AND BASE PREPARATION FOR SLAB SHALL BE DONE BY CITY. CONC. SLAB AND OTHER STRUCTURES SHALL BE DONE BY PRIVATE CONTRACTOR.

<b>CITY OF PITTSBURG</b> PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION CITY ENGINEER'S OFFICE-CITY HALL PITTSBURG, CALIFORNIA			
SCALE: AS SHOWN	APPROVED BY: <i>R. H. C.</i>	DRAWN BY R.H.C.	
DATE: 10/1/64	REVISIONS:		
WATER TREATMENT PLANT FLUORINATION BUILDING			
BUILDING SITE PILE, SCHEDULE & DETAIL			DRAWING NUMBER W-6-1 SHT. 1 OF 3

BILL OF MATERIAL

ITEM	QTY	STRAIGHT BARS			BENT BARS			BENDING DIAGRAM
		NO.	SIZE	LGTH	NO.	SIZE	LGTH	
SLAB	10 CU YD.	44	#5	35'-6"	78	#4	14'-8"	
PLATFORM	3 CU YD.	7	#5	6'-6"	9	#4	11'-6"	
MISC.	3 CU YD.	14	#5	4'-4"	23	#5	9'-2"	
		7	#5	2'-6"	92	#5	2'-5"	
		27	#4	6'-0"				
		21	#4	14'-6"	23	#5	9'-2"	
		3	#3	5'-6"	8	#4	1'-6"	
		3	#4	4'-6"				
		4	#4	15'-0"				
		21	#4	12"				

TOTAL STEEL 2,660 LBS.  
CONC. 16 CU YDS.



- NOTE:
1. TOP OF S.E. CORNER OF TRANSFORMER PAD ELEV. 140.50.
  2. ALL CONC. SHALL BE CLASS "A", MAXIMUM AGGREGATE SIZE  $\frac{3}{4}$ ".
  3. ALL REINF. STL. SHALL BE INTERMEDIATE GRADE MEETING LATEST ASTM SPEC. A 15-39; DEFORMATION ASTM A-305.
  4. NO CONSTR. JOINT OTHER THAN SHOWN ON PLAN WILL BE PERMITTED.
  5. CONC. MAY BE POUR IN TWO SEPARATED OPERATION PROVIDED THAT THE FIRST OPERATION MUST CONSIST OF THE ENTIRE SLAB, FOOTINGS, DRAIN WELLS, AND PORTION OF PLATFORM AT CONSTR. JOINTS; ALL REMAINING STRUCTURES SHALL BE POUR IN ONE SUBSEQUENT OPERATION.
  6. ALL EXPOSED CORNERS, EDGES SHALL BE CHAMFERED  $\frac{1}{2}$ ".
  7. BOTTOM REINF. STL. IN SLAB SHALL HAVE 3" PROTECTIVE COVER, ALL OTHERS 2", UNLESS OTHERWISE SPECIFIED.
  8. MATERIAL & WORKMANSHIP SHALL CONFORM TO CALIF. STD. SPEC.
  9. ALL PILES, NECESSARY GRADING, AND BASE PREPARATION FOR SLAB SHALL BE DONE BY CITY.
  10. CONTRACTOR SHALL PROVIDE BAR SUPPORTS & SPACERS IN ACCORDANCE WITH ACI PRACTICE.
  11. THE ABOV. ESTIMATE OF MAT'L. IS APPROX. ONLY; THE CITY RESERVE THE RIGHT TO INCREASE OR DECREASE THE AMOUNT OF ANY CLASS OR PORTION OF THE WORK OR TO OMIT PORTION OF THE WORK THAT MAY BE DEEM NECESSARY OR EXPEDIENT BY THE CITY ENGR.

CITY OF PITTSBURG  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

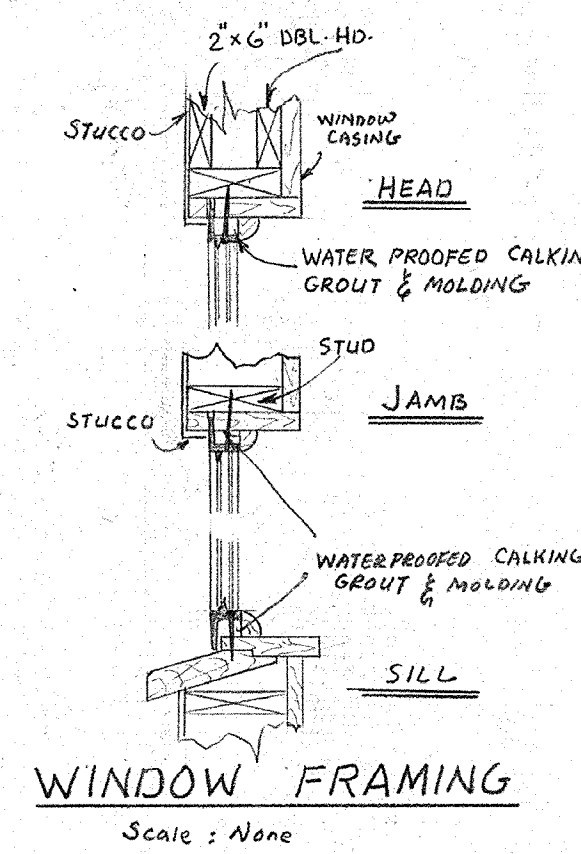
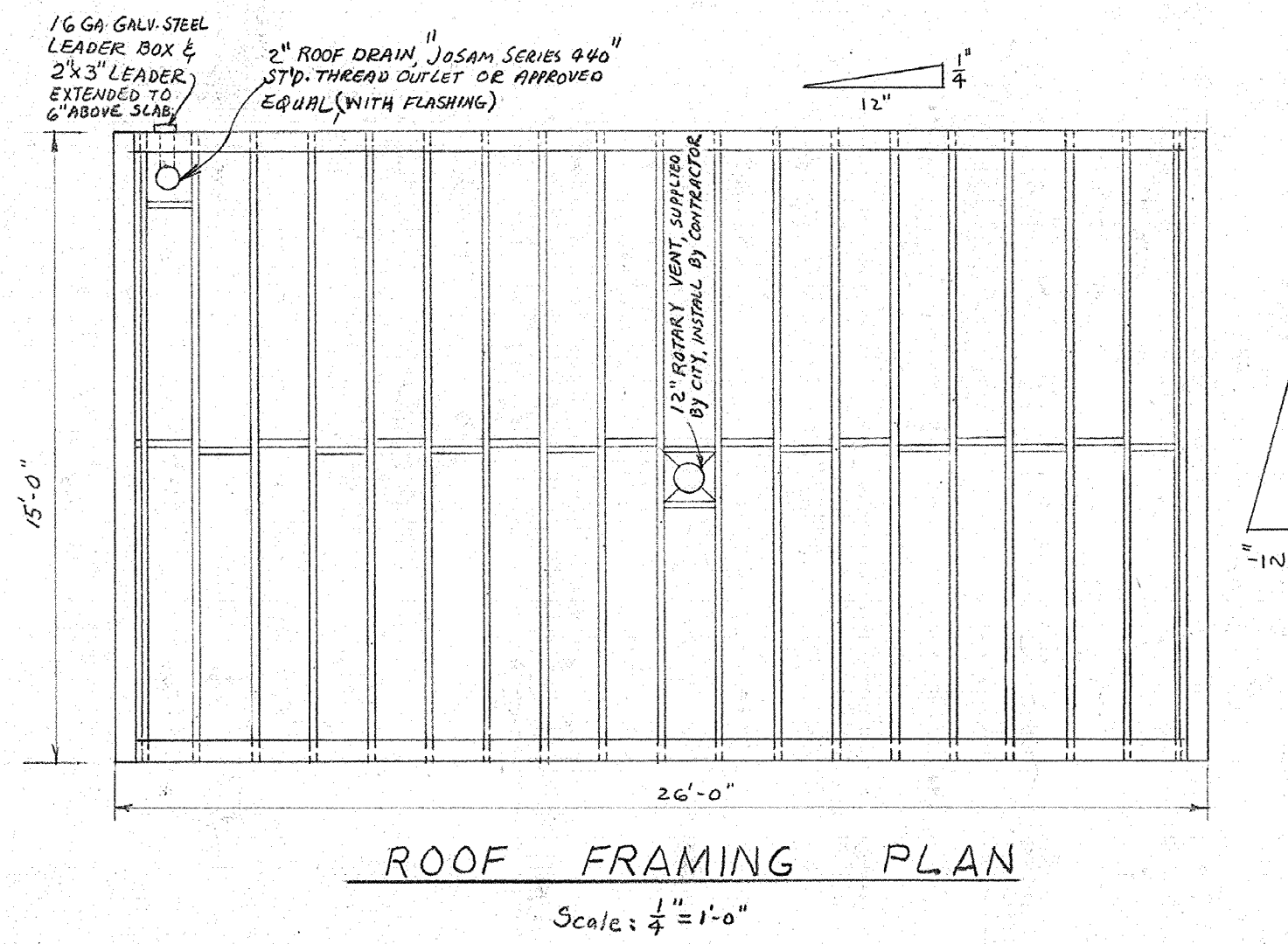
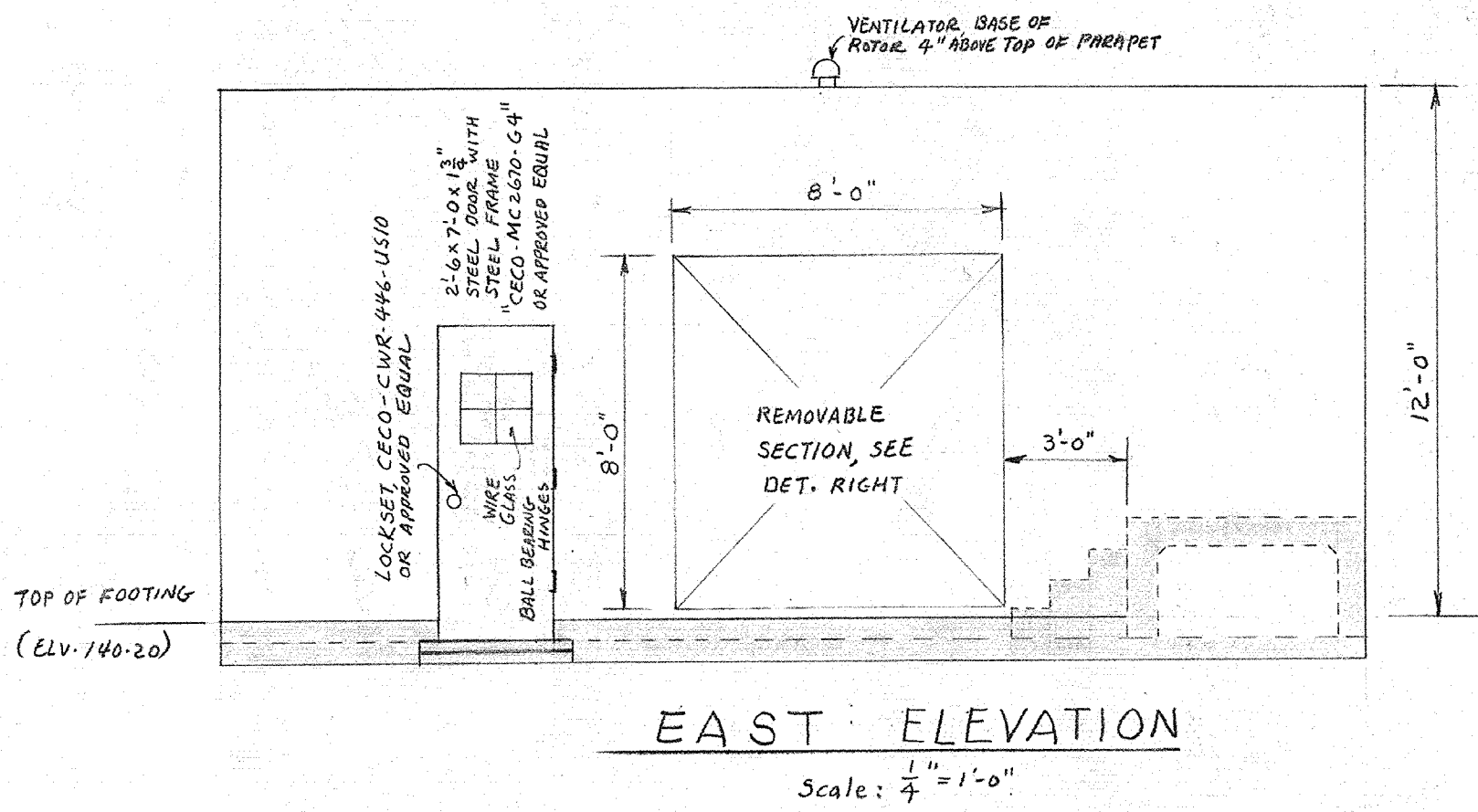
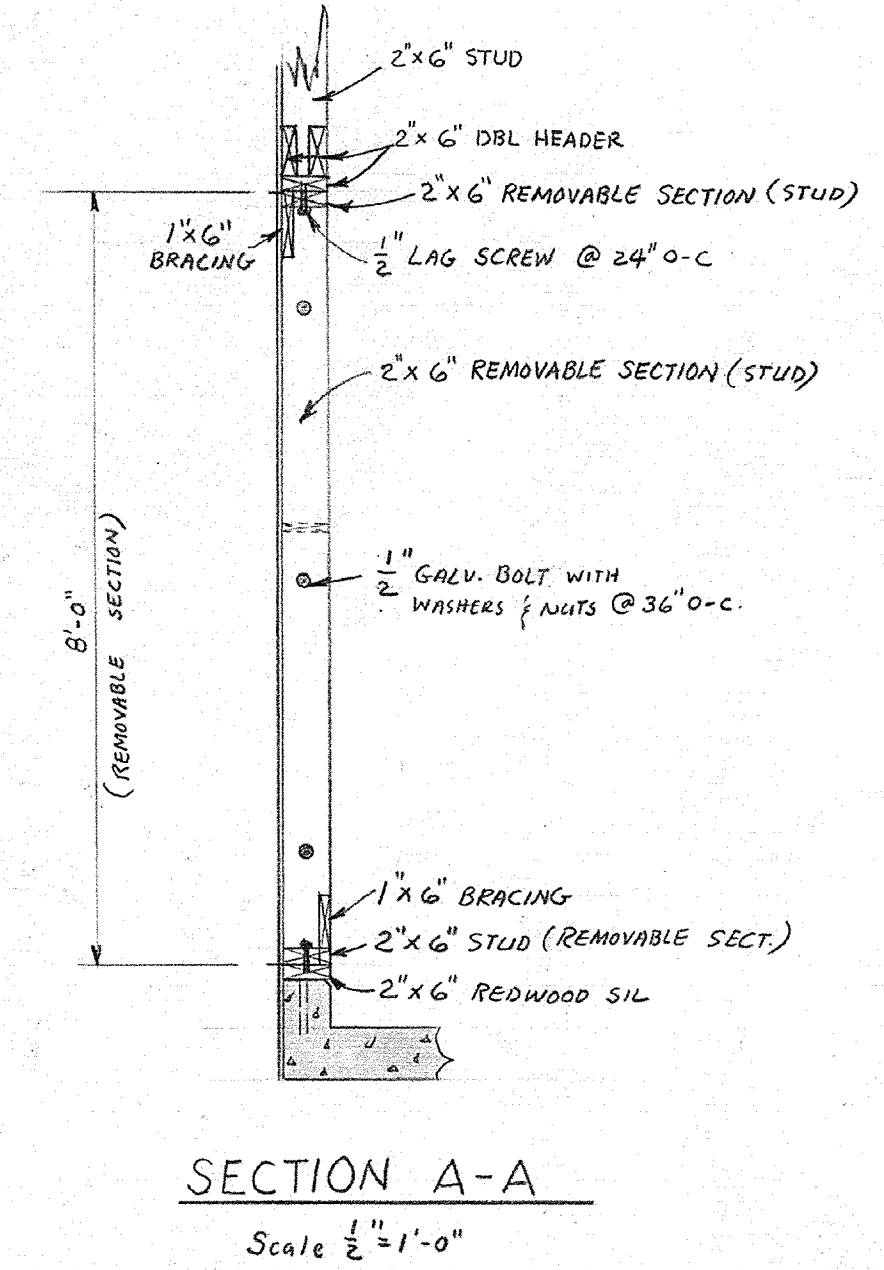
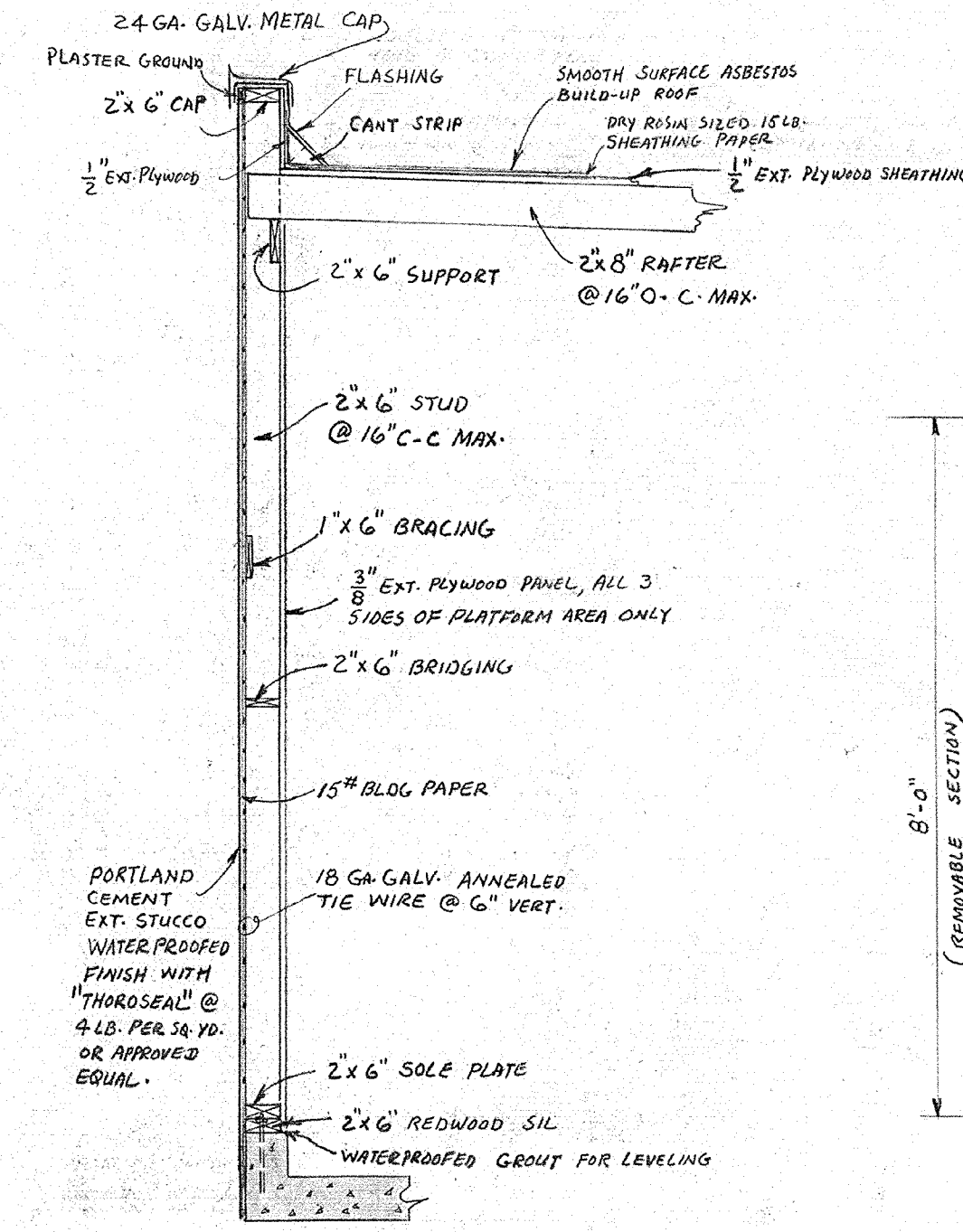
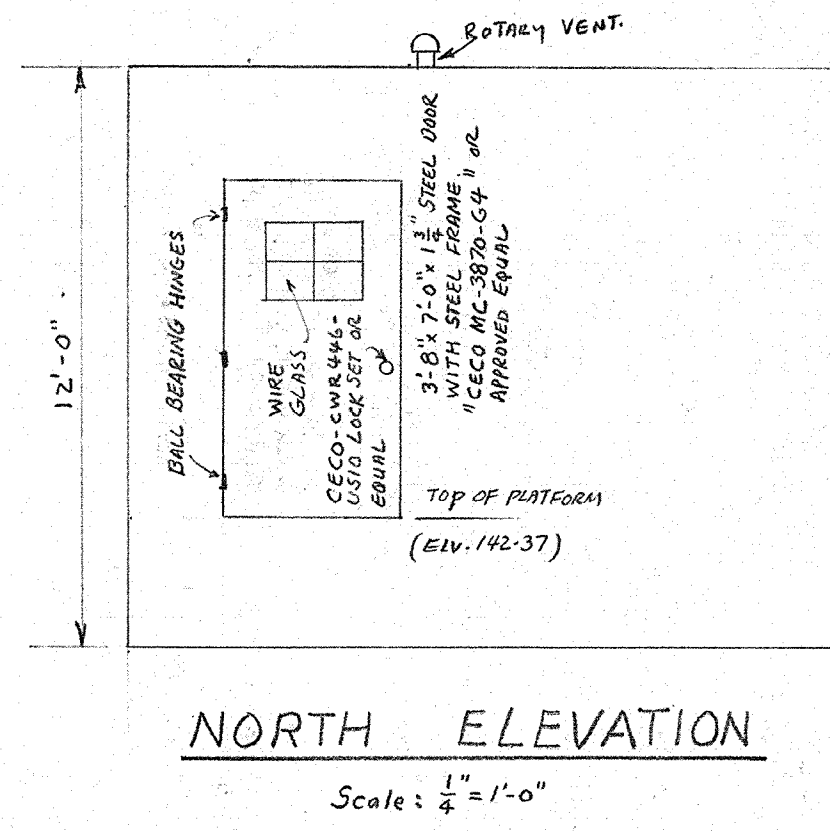
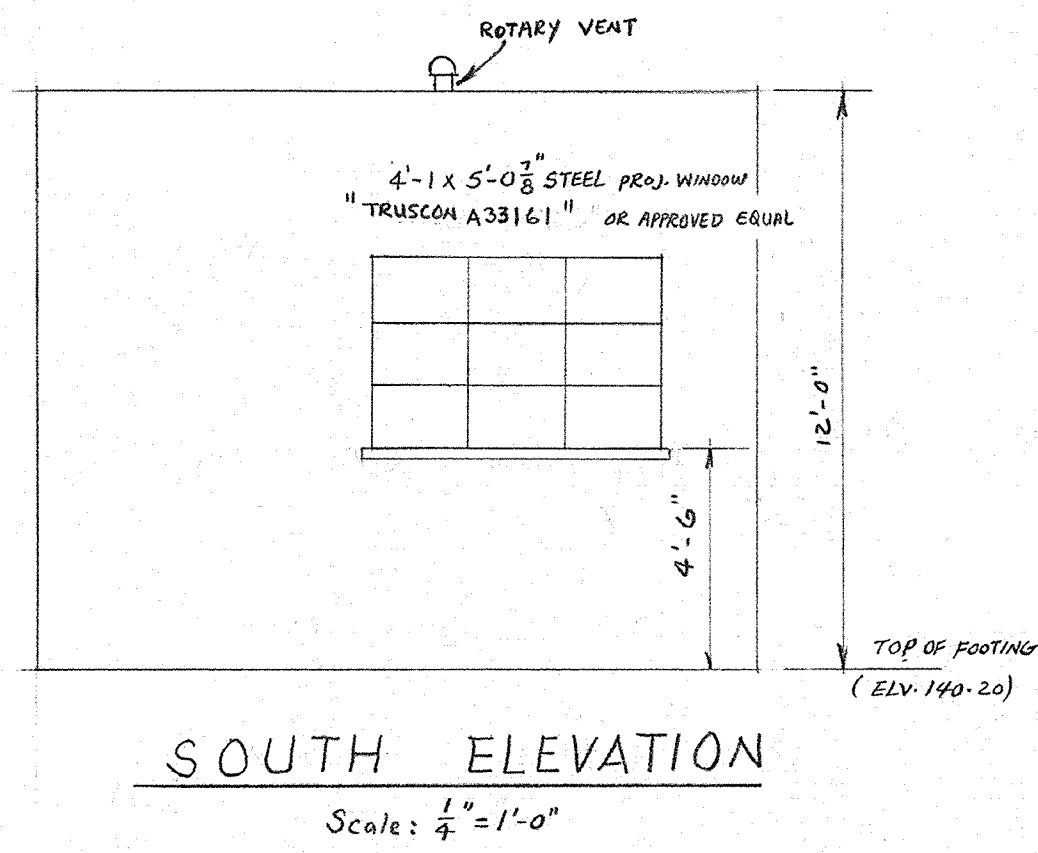
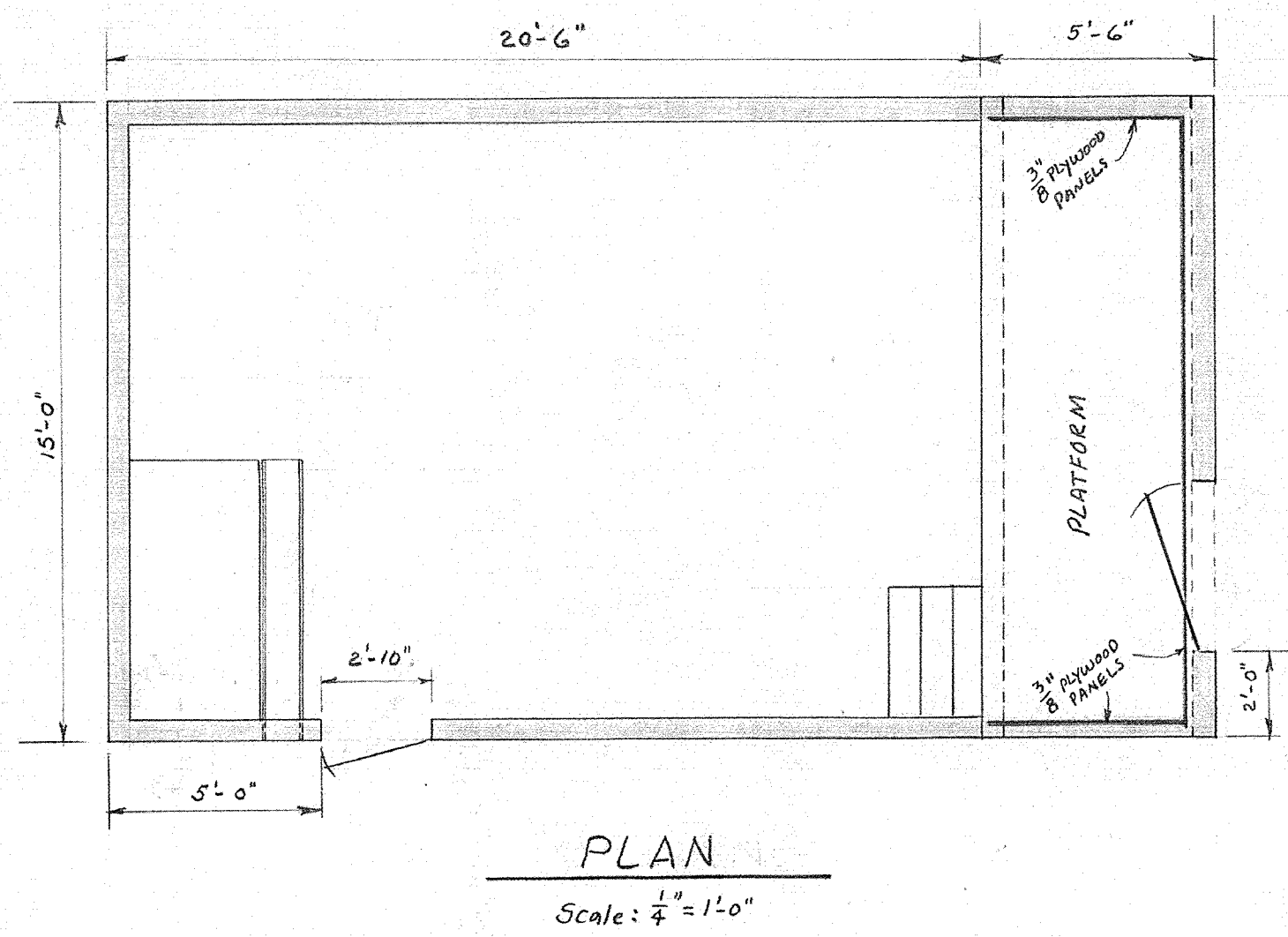
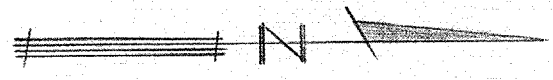
CITY ENGINEER'S OFFICE-CITY HALL PITTSBURG, CALIFORNIA

SCALE:  $\frac{1}{2} = 1'-0"$  APPROVED BY: *M. Amaya* DRAWN BY: R.H.C.  
DATE: 10/1/64 REVISED

WATER TREATMENT PLANT  
FLUORIDATION BUILDING

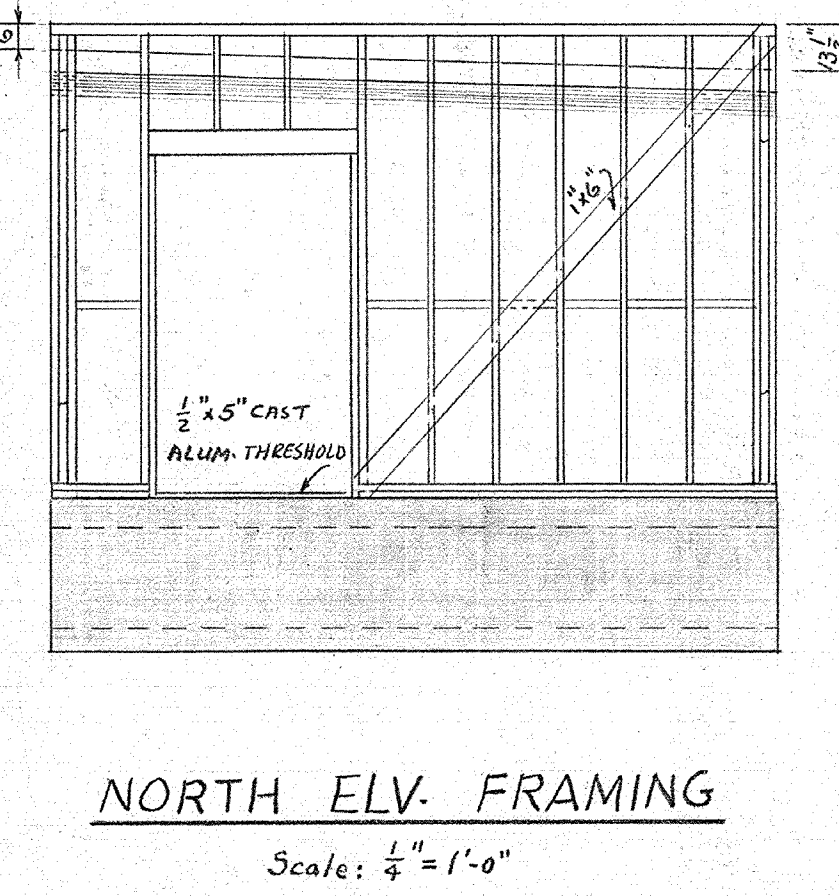
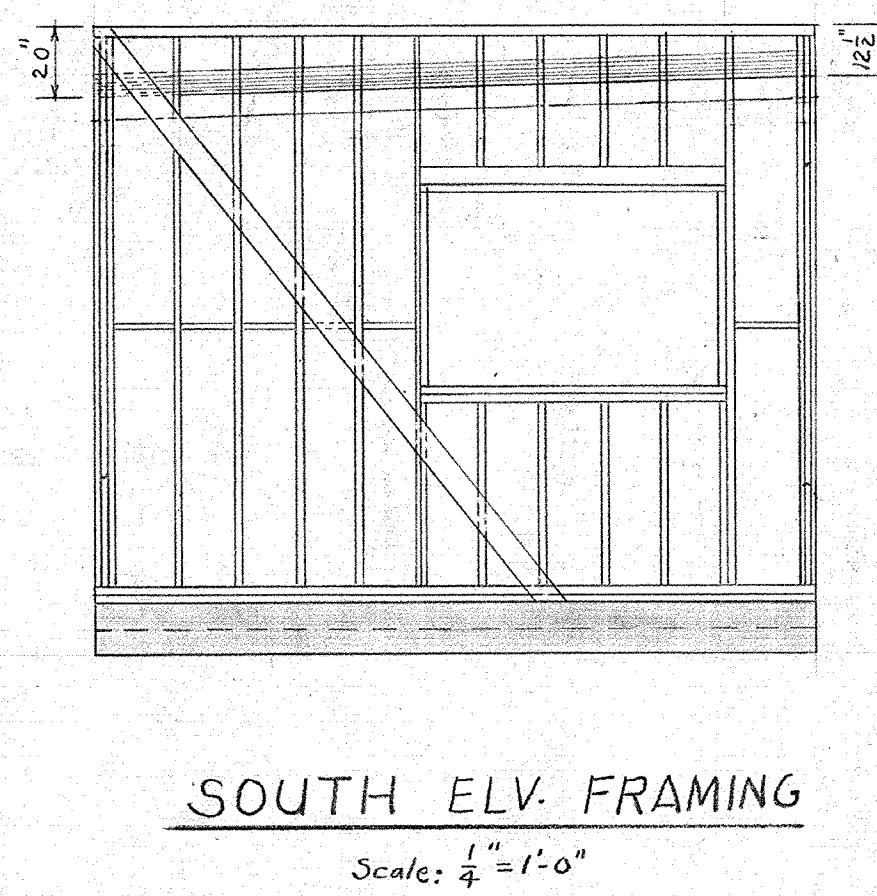
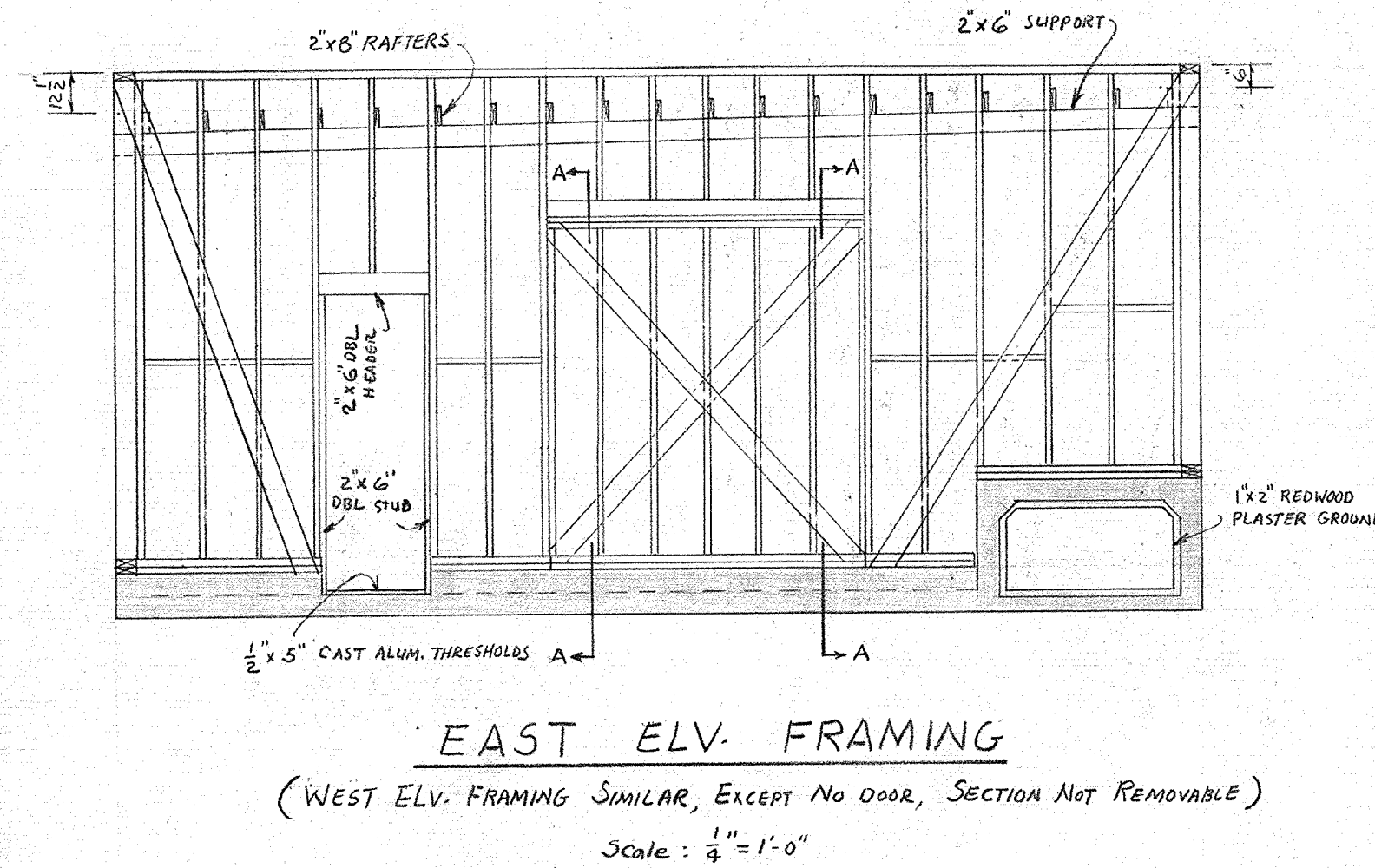
BUILDING SLAB  
PLATFORM & DETAILS

DRAWING NUMBER  
578  
SHT. 2 OF 3



**NOTES:**

- UNLESS OTHERWISE SPECIFIED, ALL LUMBER SHALL BE DOUGLASS FIR (CONST REGION) CONSTRUCTION GRADE, MEETING U.B.C. STD. NO. 25-3-61 OR BETTER.
- DOORS, WINDOWS, WATERPROOFING, & ALL OTHER HARDWARES SHALL BE INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED PRACTICE.
- NO PLASTER FOR STUCCO SHALL BE APPLIED UNTIL THE LATHING HAS BEEN INSPECTED & APPROVED BY THE ENGR. MAT'L. & WORKMANSHIP SHALL CONFORM TO STD SET FORTH AT SEC. 4702 TO SEC. 4714 U.B.C. 1961.
- SMOOTH SURFACE ASBESTOS BUILD-UP ROOF SHALL BE AS MANUFACTURED BY JOHNS-MANVILLE. MATERIALS & WORKMANSHIP SHALL CONFORM TO SPEC. NO. 152, AVAILABLE DECKS, JOHNS-MANVILLE SMOOTH-SURFACE ASBESTOS BUILT-UP ROOFS, FLASHING SHALL CONFORM TO SPEC. NO. FE-20, JOHNS-MANVILLE ASBESTIC FLASHING. FLASHINGS FOR ROOF FIXTURES SHALL CONFORM TO JOHNS-MANVILLE SPEC. NO. FB-40, OR APPROVED EQUAL.
- ALL NAILS & OTHER FASTENERS ARE TO BE CENTERED ON RAFTERS, NO ROOFING SHALL BE APPLIED UNTIL ROOF DECKS HAS BEEN INSPECTED & APPROVED BY THE ENGR.
- THE CONTRACTOR SHALL COOPERATE WITH THE CITY CONSTRUCTION CREW WHO WILL BE INSTALLING PLANT EQUIPMENTS DURING CONSTRUCTION OF THE BUILDING.
- CONC. SLAB FOOTING & ANCHOR BOLTS ARE IN PLACE, CONTRACTOR IS TO BID ON BUILDING, ROOF, & ITEMS SHOWN IN THIS DRAWING ABOVE THE FOOTING EXCEPT OTHERWISE INDICATED.



<b>CITY OF PITTSBURG</b> PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION CITY ENGINEER'S OFFICE-CITY HALL PITTSBURG, CALIFORNIA			
SCALE: AS SHOWN	APPROVED BY: <i>[Signature]</i>	DRAWN BY R.H.C.	
DATE: OCT. 21, 1964		REVISED	
WATER TREATMENT PLANT FLUORIDATION BUILDING			
EXTERIOR ELEVATION, ROOF & FRAMING DETAILS			DRAWING NUMBER 576 SHT 3 OF 3