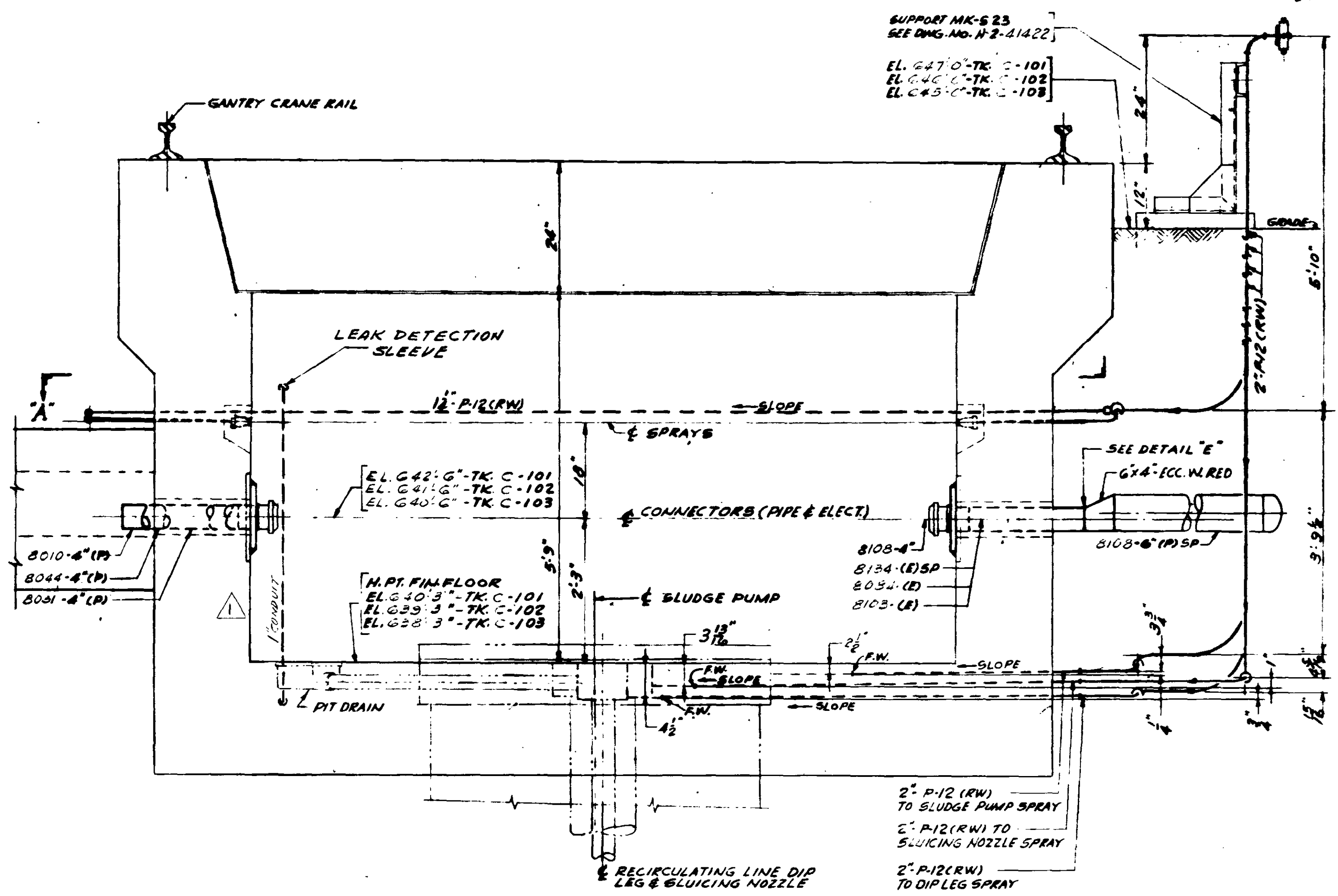
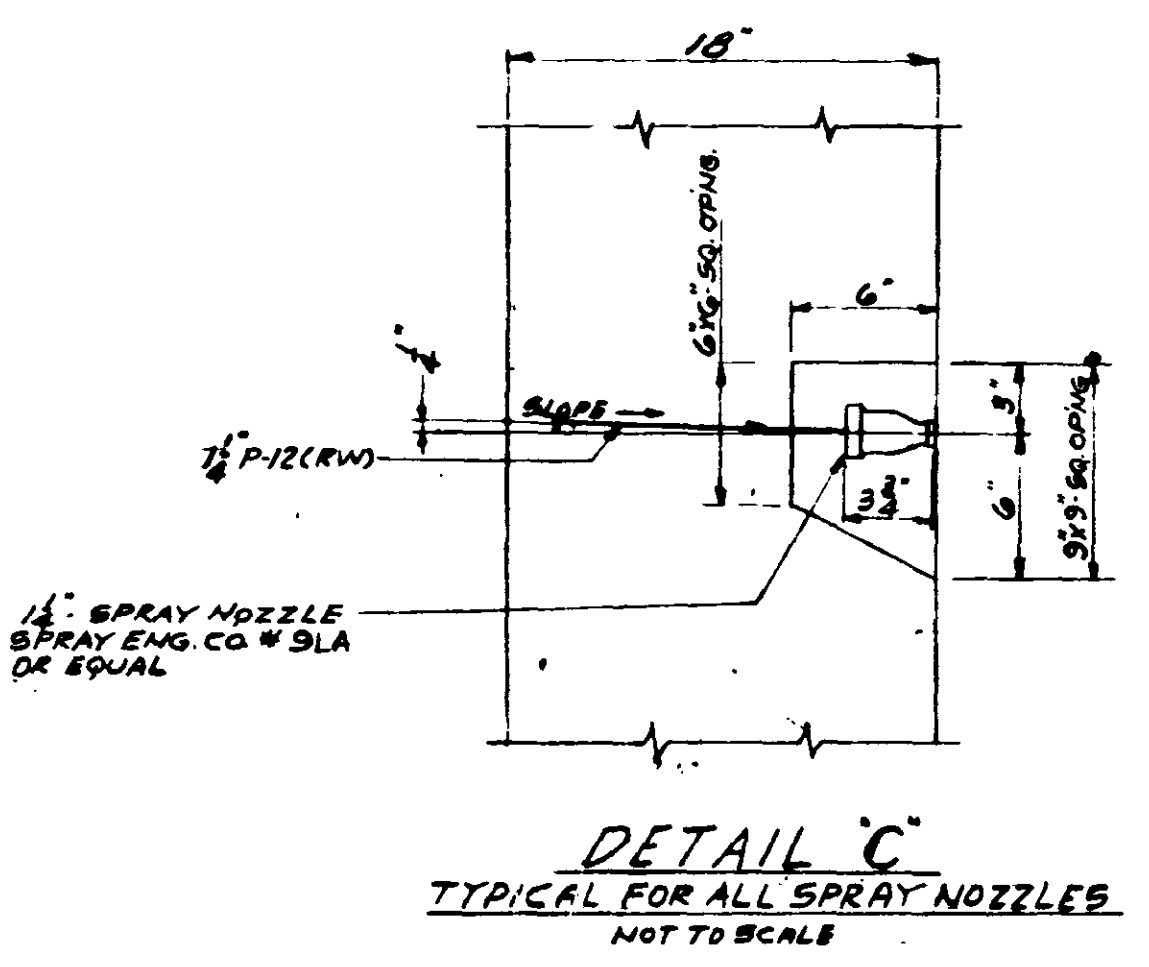


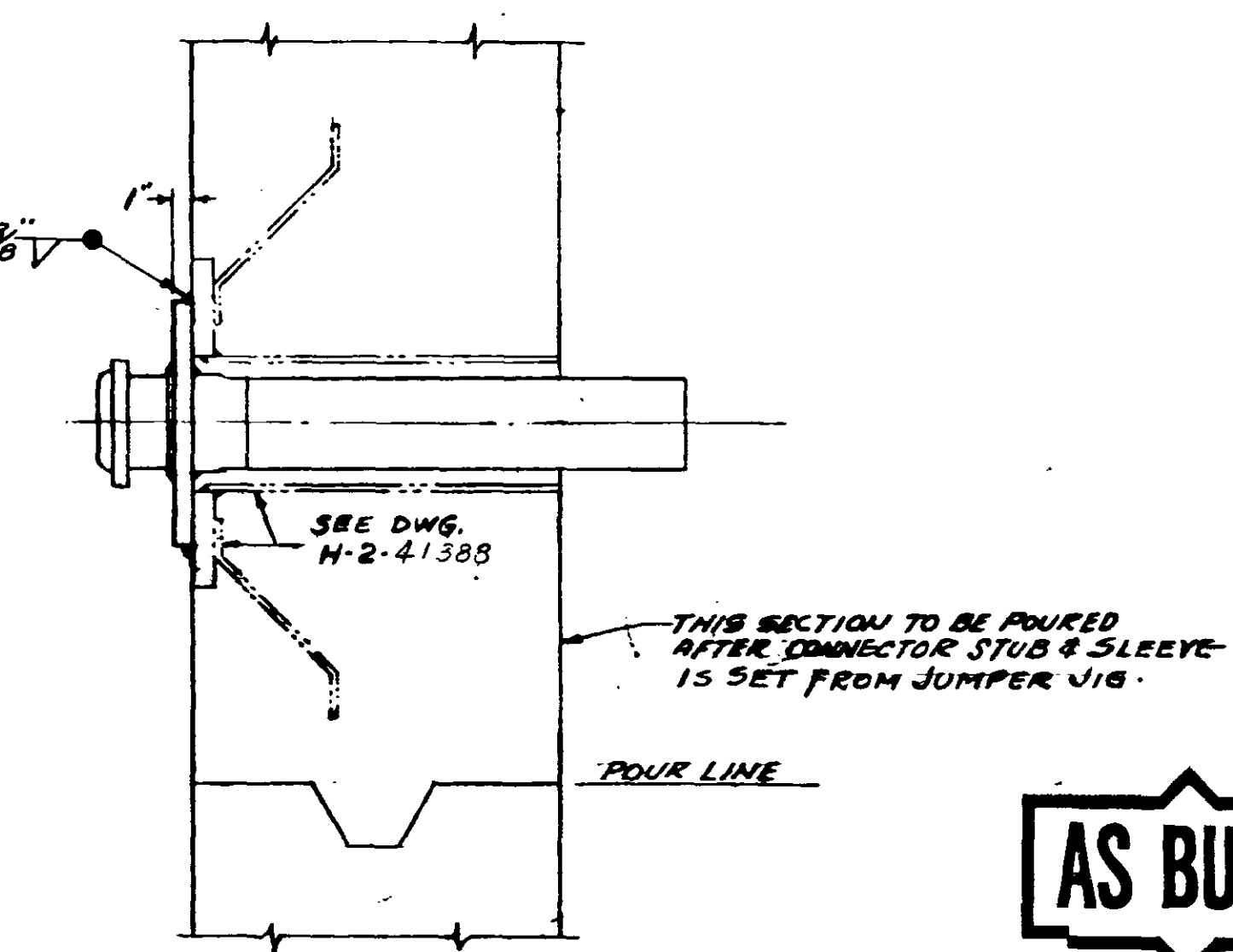
PLAN A-A
CASCADE PUMP PIT - 241-CR-01A
AT TK C-101
(FOR 241-CR-02A & 241-CR-03A
SEE LINE IDENTIFICATION TABLE)



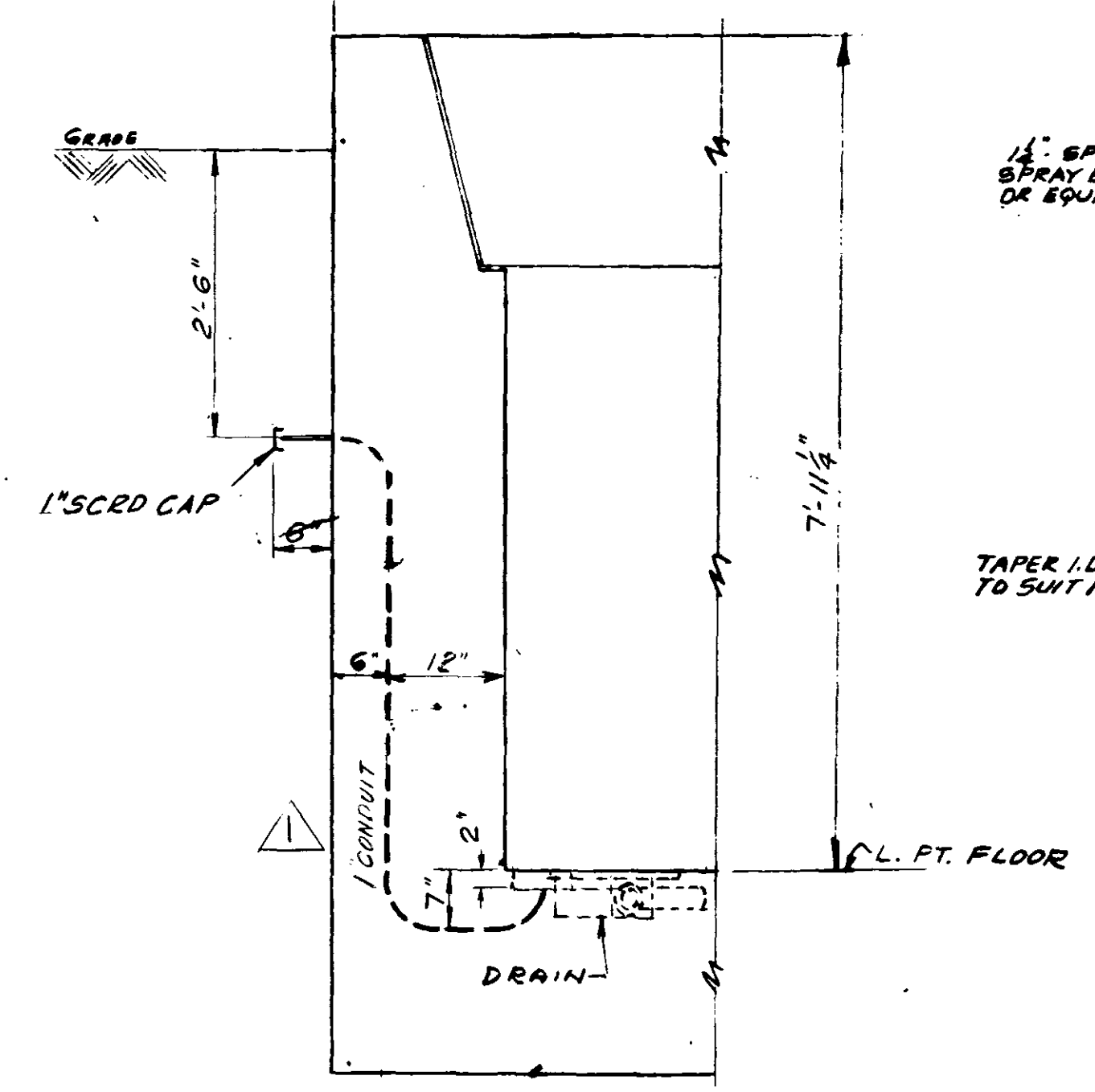
SECTION B-B



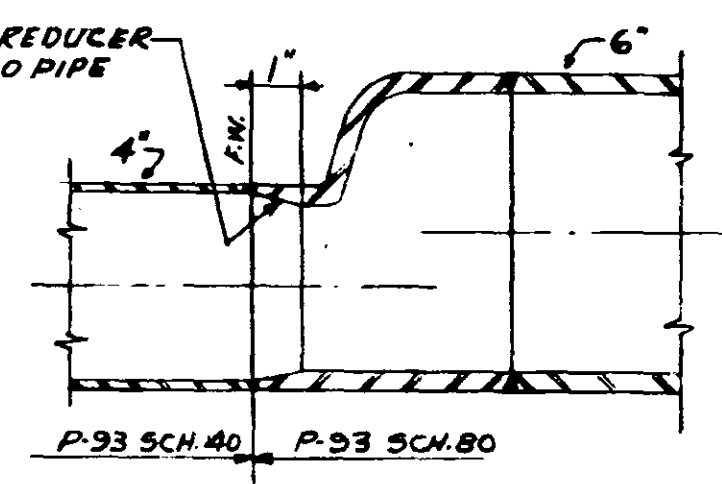
DETAIL C
TYPICAL FOR ALL SPRAY NOZZLES
NOT TO SCALE



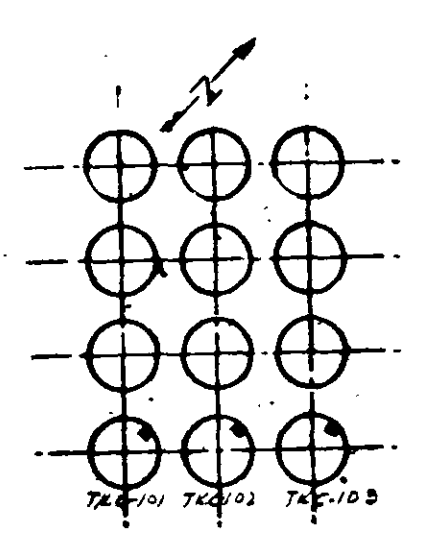
SECTION X-X
TYPICAL DETAIL FOR INSTALLATION
OF MALE CONNECTOR
NOT TO SCALE



SECTION Y-Y
SLEEVE FOR LEAK DETECTION



DETAIL E
NOT TO SCALE



KEY PLAN

LINE IDENTIFICATION TABLE		
TK C-101	TK C-102	TK C-103
CASCADE PUMP PIT 241-CR-01A	CASCADE PUMP PIT 241-CR-02A	CASCADE PUMP PIT 241-CR-03A
LINE NO.	LINE NO.	LINE NO.
8010-4" (P)	8008-4" (P)	8002-4" (P)
8031-4" (P)	8027-4" (P)	
8044-4" (P)	8025-4" (P)	8032-4" (P)
8108-4" (P) SA	8109-4" (P) SA	8104-4" (P) SA
8104-6" (P) SA	8105-6" (P) SA	8107-6" (P) SA
8142 (UD)	8145 (UD)	8143 (UD)
8004 (E)	8003 (E)	8002 (E)
8109 (E)	8102 (E)	8101 (E)
8154 (E) SA	8155 (E) SA	8152 (E) SA

GENERAL NOTES

- ALL LINE NUMBERS SHOWN ON THIS DRAWING APPLY ONLY TO TK C-101, FOR LINE NUMBERS AT TK C-102 & TK C-103, SEE LINE IDENTIFICATION TABLE.
- ALL PIPING MATERIAL SHOWN ON THIS Dwg. SHALL BE IN ACCORDANCE WITH SPEC. HW-431A, REV. 2 CODE P-33, EXCEPT AS NOTED.
- ALL PIPE BEND RADI SHALL BE 5X MINIMUM PIPE DIA.
- ALL 90° WELDING ELBOWS ARE TO BE L.R. TYPE.
- FABRICATION, ERECTION, CLEANING & TESTING SHALL BE IN ACCORDANCE WITH SPEC. HW-431A, REV. 2 EXCEPT THAT P-33 PIPING SHALL BE STAINLESS STEEL IN ACCORDANCE WITH THE SUPPLEMENT TO SPEC. HW-431A, REV. 2.
- SPECIAL SEQUENCE OF PIPING SHALL BE IN ACCORDANCE WITH SPEC. HW-431A, REV. 2.
- ALL WELDING, CAP SEPARATION AND EDGE PREPARATION SHALL BE IN ACCORDANCE WITH SPEC. HW-431A, REV. 2.
- CARBON STEEL PIPE BURIED UNDER GROUND SHALL RECEIVE TWO COATS OF BITUMASTIC CORROSION RESISTANT PAINT AND A DOUBLE WRAPPING OF THE PAINT.
- FINAL COATING OF ALL EXPOSED CARBON STEEL WITHIN PIT SHALL BE IN ACCORDANCE WITH SPECIFICATION HW-4309 REV. 1.
- ALL EXPOSED CARBON STEEL PIPE AND PIPE SUPPORTS ABOVE GRADE TO BE PAINTED ONE COAT OF RED LEAD IN OIL AND A FINAL COAT OF EXTERIOR GREY IN ACCORDANCE WITH SPEC. HW-4304 REV. 2.
- ALL PAINTING FOR IDENTIFICATION OF MALE CONNECTOR, SEE Dwg. H-2-4142B.

LEGEND

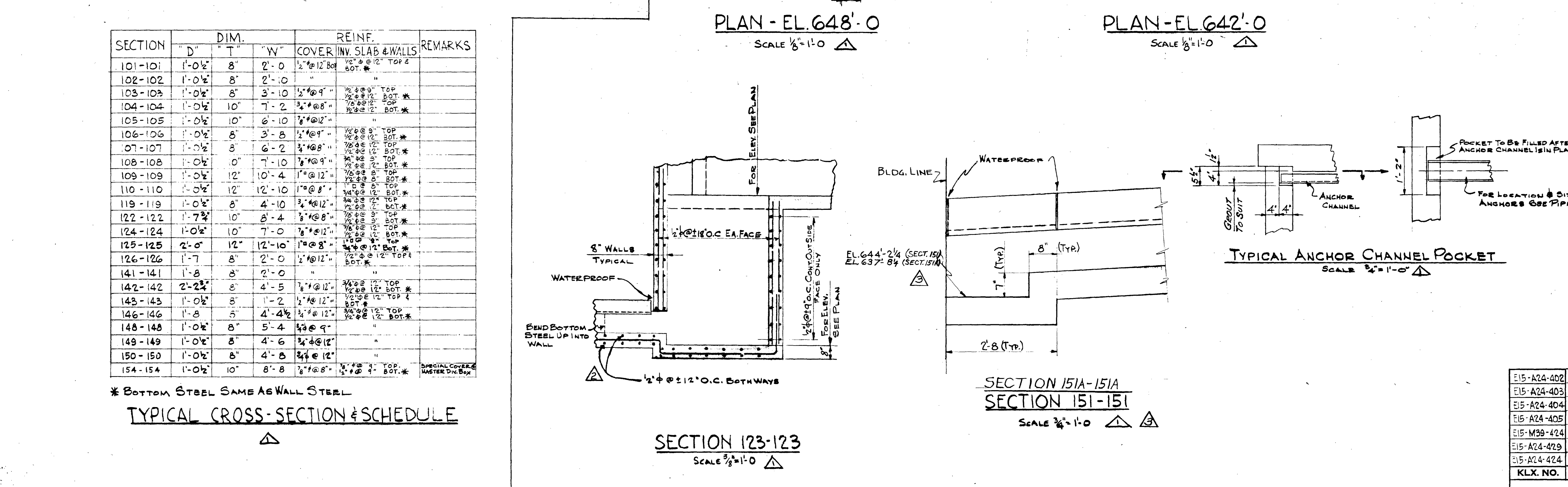
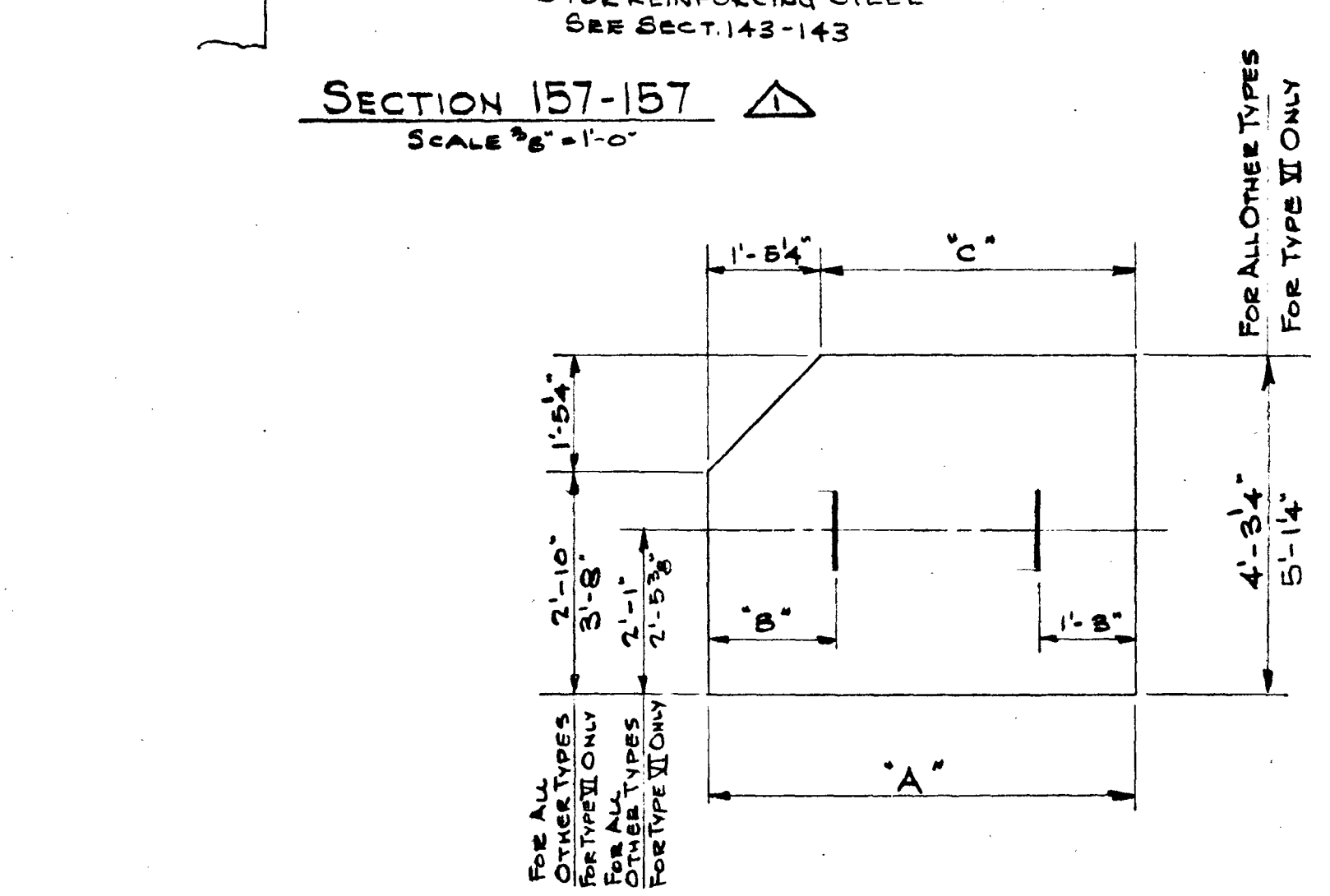
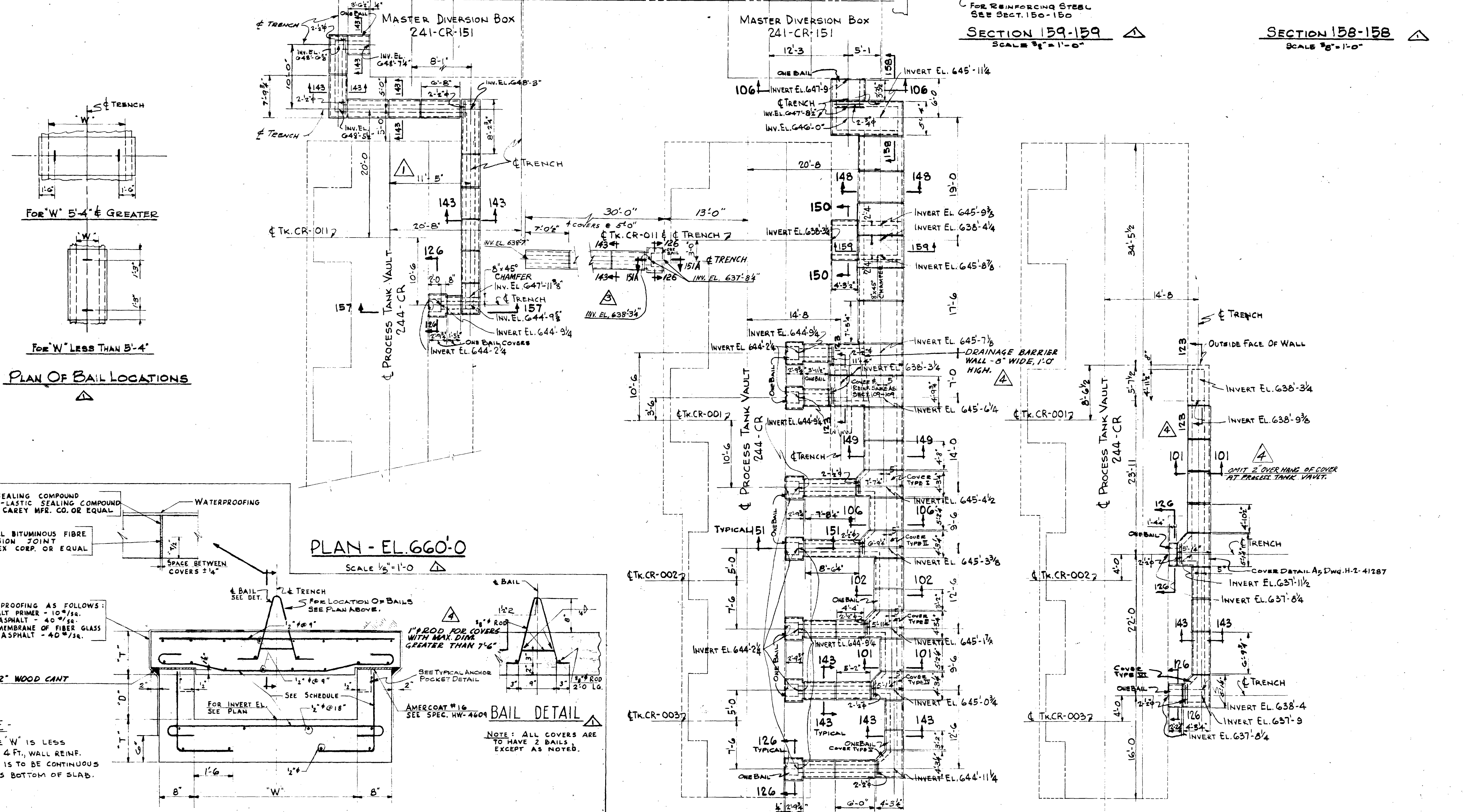
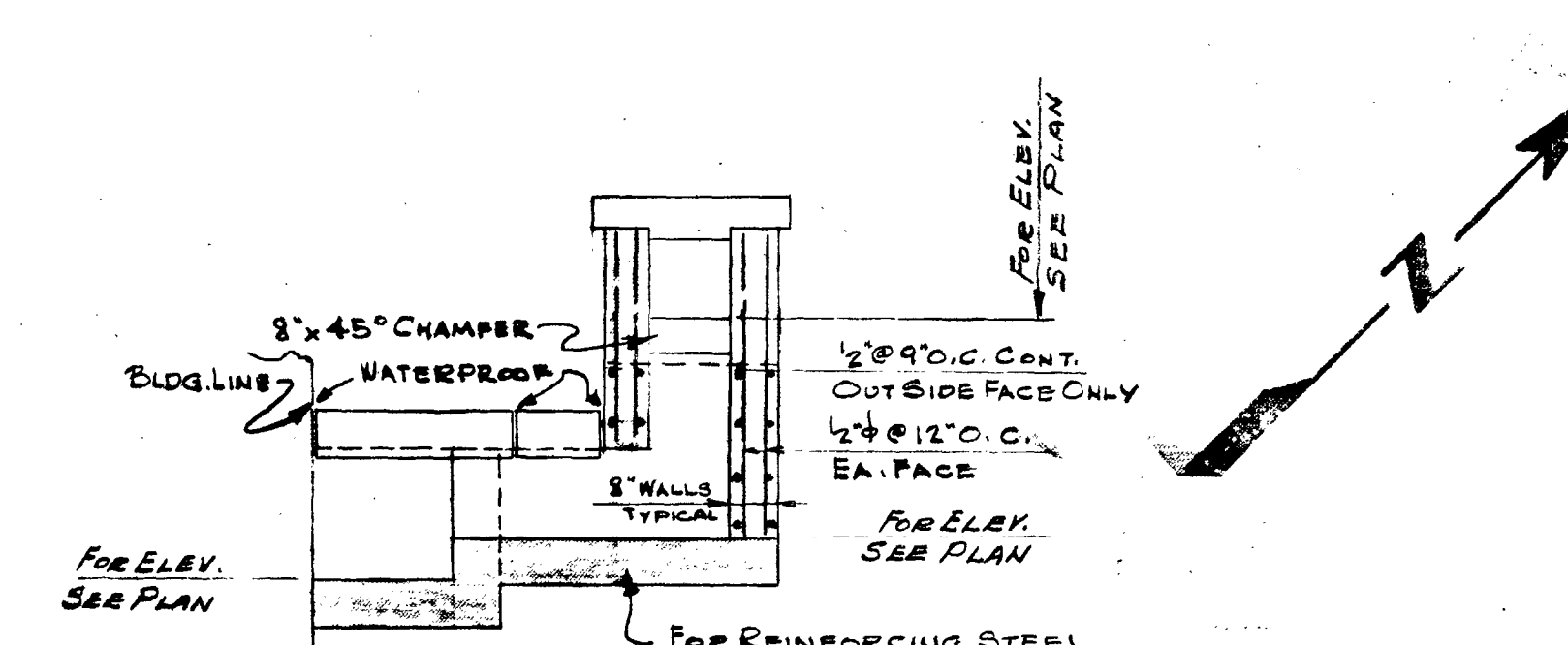
810, 812, ETC. ARE CASCADE PUMP PIT CONNECTOR NUMBERS

THIS DRAWING IS IDENTICAL TO Dwg. H-2-40185, REV. 1, EXCEPT FOR LOCATION ELEVATIONS, ORIENTATION, LINE, TANK & PIT NOS AND APPLICABLE REFERENCE DRAWINGS

AS BUILT

NONE

APPROVED	DATE	BY	DEPT.	DATE
DRN	11-15-89	KLX	KLX	11-15-89
CHEK	11-15-89	KLX	KLX	11-15-89
APPR	11-15-89	KLX	KLX	11-15-89
ENG. REP. NO.				
PROJECT NO.	C-362			
GENERAL ELECTRIC CO. HANFORD WORKS				
THE KELLEX CORPORATION				
COPY	15	15	15	15
TITLE	PIPE - CASCADE PUMP			
PLN & SECTION	241-CR-01A CASCADE			
PLN NO.	241-CR			
PLN NO.	H-2-41189			



TYPE	A	B	C	FOR COVER
I	7'-7 1/2"	1'-5 1/2"	6'-2"	SECT. 148
II	6'-9 1/4"	1'-5 1/2"	5'-4"	SECT. 148
III	5'-11 1/4"	1'-5 1/2"	4'-6"	SECT. 148
IV	5'-1 1/4"	1'-5 1/2"	3'-8"	SECT. 119
V	4'-8 1/4"	1'-5 1/2"	2'-11"	SECT. 142
VI	4'-8 1/4"	1'-4 1/2"	2'-10"	SECT. 143

- NOTES**
- FOR GENERAL NOTES AND SPECIFICATIONS SEE DWG. NO. H-2-4188B. CONCRETE SHALL BE FURNISHED IN ACCORDANCE WITH SPECIFICATION HW-4555 WITH $f'_c = 3000 \text{ PSI}$.
 - TRENCH ELEVATIONS AT TOP OF BASE SLABS ARE GIVEN ALONG WITH ALL INTERSECTIONS. CROSS SECTIONS OF SLABS SHALL BE LEVEL EXCEPT AT CORNERS (SEE DWG. NO. H-2-4185B, TYPICAL CORNER PLAN) OR AS DIRECTED BY THE ENGINEER.
 - ALL DIMENSIONS SHOWN ARE THEORETICAL. ACTUAL DIMENSIONS INVOLVING EXISTING STRUCTURES ARE TO BE VERIFIED IN THE FIELD.
 - ALL BACKFILL UNDER TRENCH FOUNDATIONS TO BE COMPACTED.
 - ALL TRENCH COVERS NOT OTHERWISE DIMENSIONED OR DETAILED ARE 5'-0" LONG. OTHER DIMENSIONS ARE GIVEN IN CROSS-SECTION, SCHEDULE. LAYOUTS SHOWN ARE BASED ON A SPACE OF 1/2" BETWEEN COVERS (ALLOWED AS A TOLERANCE IN POURING AND PLACING). COVER LENGTHS GIVEN ON PLANS ARE TO BE VERIFIED IN FIELD BEFORE THESE COVERS ARE POURED.
 - JOINTS BETWEEN COVERS AND BETWEEN COVERS AND TRENCH WALLS ARE TO BE WATERPROOFED IN ACCORDANCE WITH SPEC. HW-4508. AFTER PIPING IS INSTALLED AND TESTED, COVERS SHALL BE CONTINUOUS BETWEEN WALLS WHERE SPECIAL COVER REINFORCEMENT IS REQUIRED.
 - FOR SUBSTITUTION IN REINFORCING STEEL SIZE & SPACING, SEE CONSTRUCTION CONTRACTORS PLACING DWGS.

AS OF SEPT. 1, 1951 THE NAME OF THE KELLEX CORPORATION IS CHANGED TO VITRO CORPORATION OF AMERICA

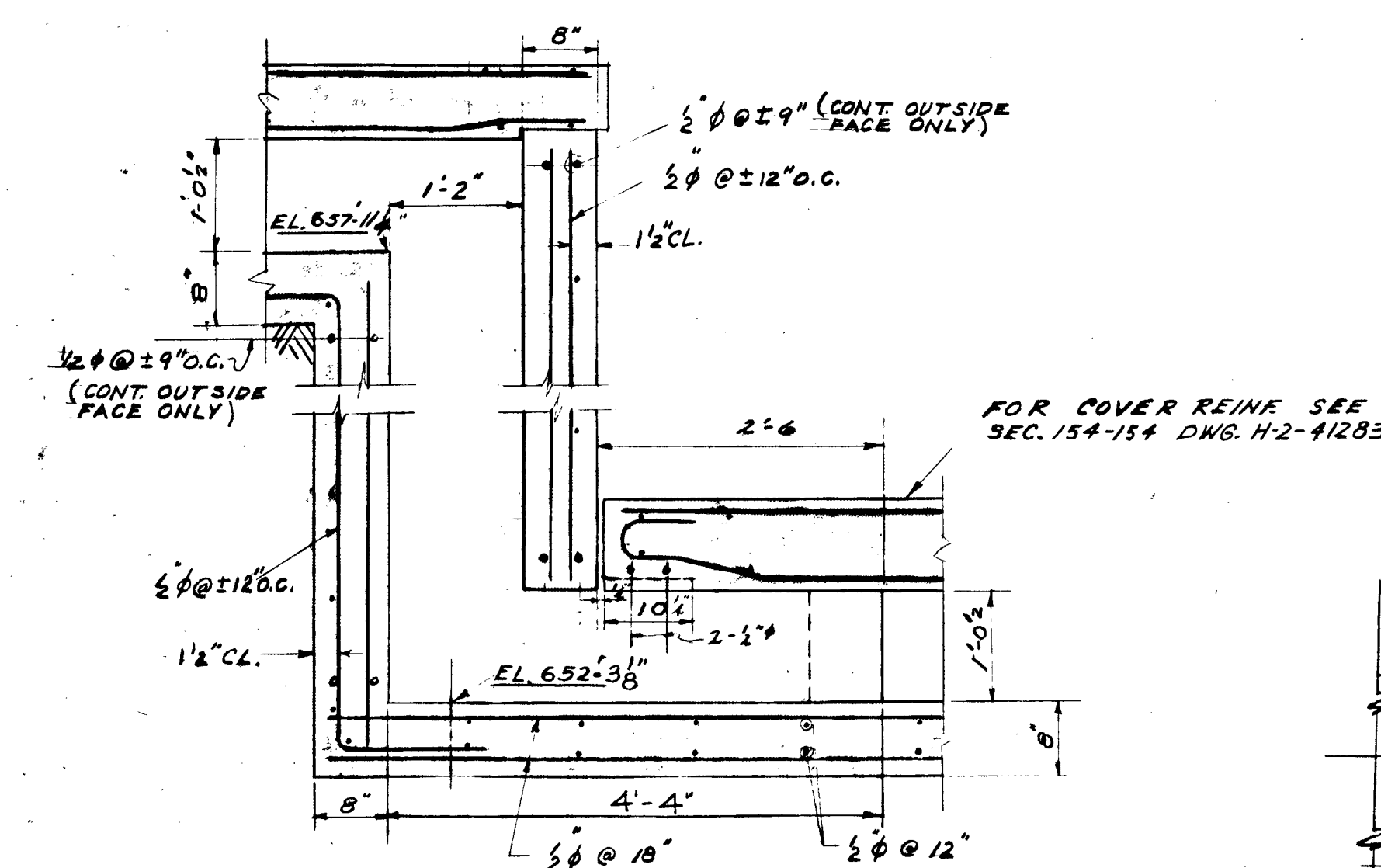
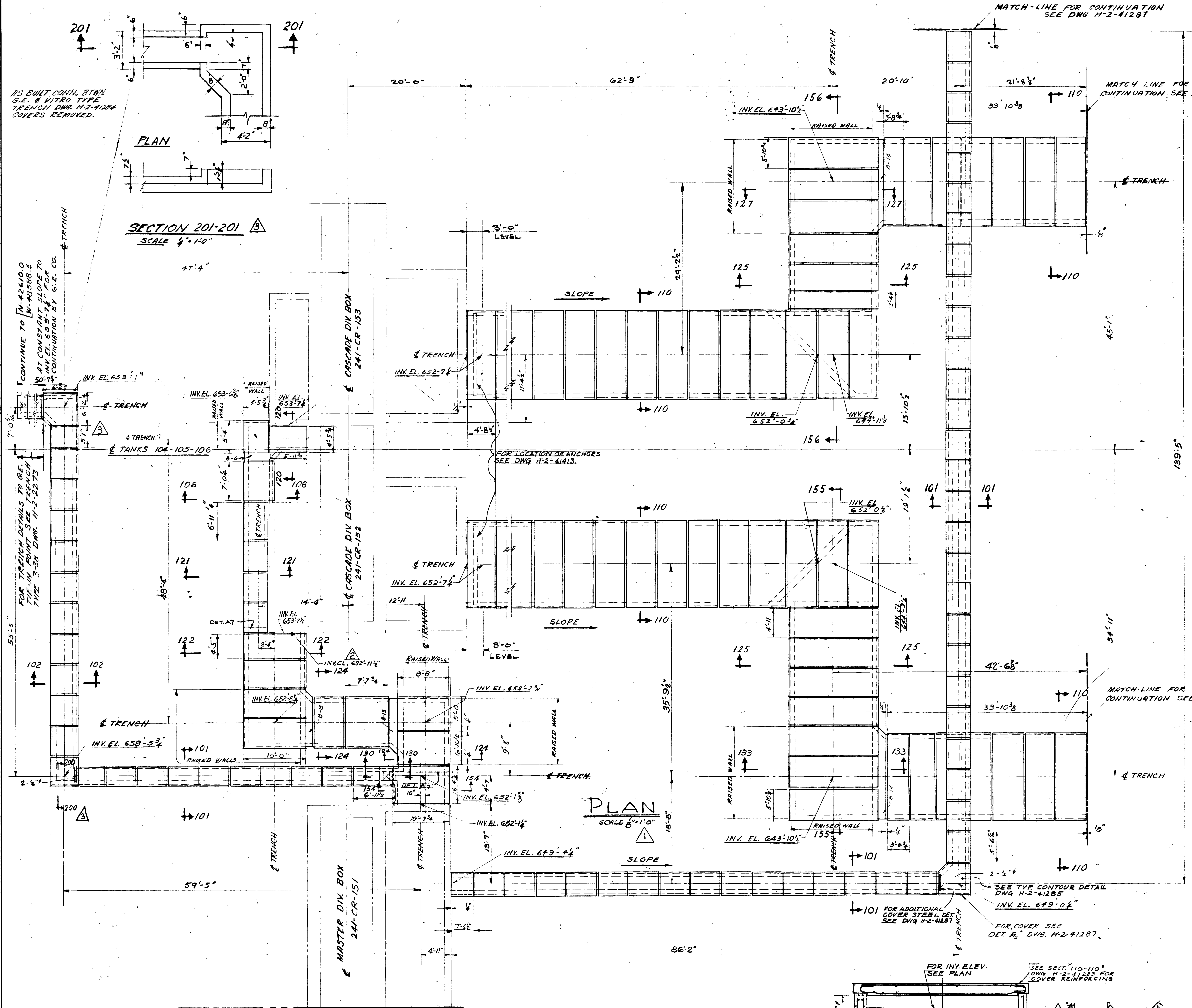
APPROV. CKD	NO.	DESCRIPTION	BY	APPROV. CKD	NO.	DESCRIPTION
	1	CHECKED FOR 'AS BUILT'			1	CHECKED FOR 'AS BUILT'
	2	ADDED NOTE, ADDED DRAINAGE WALL, SEE PLAN			2	ADDED NOTE, ADDED DRAINAGE WALL, SEE PLAN
	3	ADDED NOTE, ADDED DRAINAGE WALL, SEE PLAN			3	ADDED NOTE, ADDED DRAINAGE WALL, SEE PLAN
	4	ADDED NOTE, ADDED DRAINAGE WALL, SEE PLAN			4	ADDED NOTE, ADDED DRAINAGE WALL, SEE PLAN

REVISIONS			
SCALE: AS SHOWN	BY	DEPT.	DATE
DRAWN BY W.J. KARP	DATE: 1-15-50	ELK	3-2-51
CHECKED BY W.J. KARP	DATE: 1-15-51	ELK	3-2-51
APPROVED BY W.J. KARP	DATE: 1-15-51	ELK	3-2-51

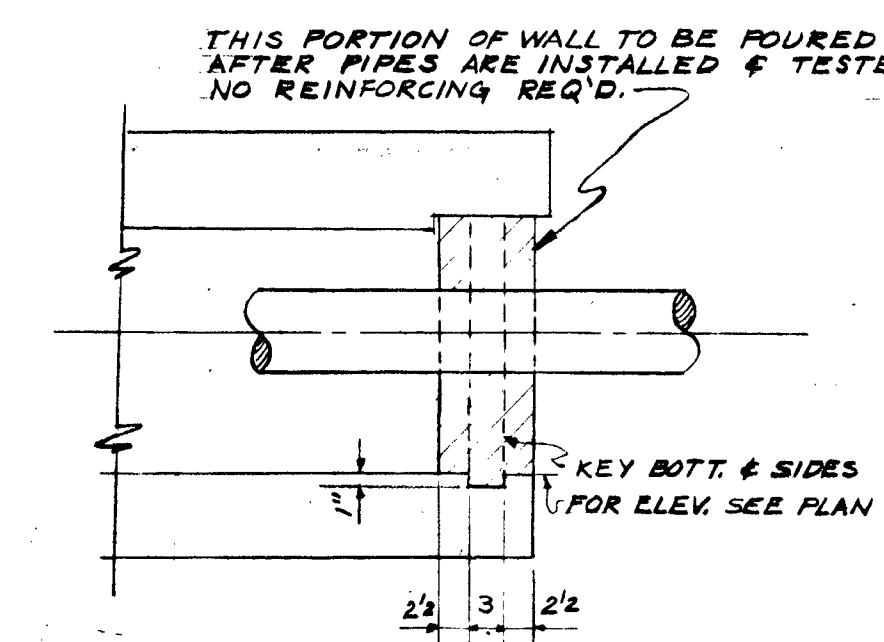
GENERAL ELECTRIC CO.			
0900 HANFORD WORKS			
THE KELLEX CORPORATION			
COPY	JOB	NO.	DATE
15	15	KX-E15-A24-401	A
TITLE: STRUCTURAL - CONCRETE - PLAN AND SECTIONS - PIPE TRENCHES - 241-CR - SHEET 1			
BLDG. NOS	241-CR	DWG. NO.	H-2-41283

SECTION	DIM.	REIN.	COVER INV. SLAB & WALLS	REMARKS
101-101	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
102-102	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
103-103	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
104-104	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
105-105	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
106-106	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
107-107	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
108-108	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
109-109	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
110-110	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
111-111	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
112-112	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
113-113	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
114-114	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
115-115	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
116-116	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
117-117	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
118-118	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
119-119	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
120-120	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
121-121	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
122-122	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
123-123	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
124-124	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
125-125	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
126-126	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
127-127	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
128-128	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
129-129	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
130-130	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
131-131	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
132-132	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
133-133	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
134-134	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
135-135	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
136-136	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
137-137	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
138-138	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
139-139	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
140-140	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
141-141	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
142-142	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
143-143	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
144-144	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
145-145	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
146-146	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
147-147	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
148-148	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
149-149	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
150-150	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
151-151	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
152-152	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
153-153	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
154-154	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
155-155	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
156-156	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
157-157	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
158-158	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT
159-159	1'-0"	8"	2'-0"	1/2" @ 12" TOP & BOT

TYPICAL CROSS-SECTION & SCHEDULE			
SECTION	DIM.	REIN.	COVER INV. SLAB & WALLS
123-123	1'-0"	8"	2'-0"
124-124	1'-0"	8"	2'-0"
125-125	1'-0"	8"	2'-0"
126-126	1'-0"	8"	2'-0"
127-127	1'-0"	8"	2'-0"
128-128	1'-0"	8"	2'-0"
129-129	1'-0"	8"	2'-0"
130-130	1'-0"	8"	2'-0"
131-131	1'-0"	8"	2'-0"
132-132	1'-0"	8"	2'-0"
133-133	1'-0"	8"	2'-0"
134-134	1'-0"	8"	2'-0"
135-135	1'-0"	8"	2'-0"
136-136	1'-0"	8"	2'-0"
137-137	1'-0"	8"	2'-0"
138-138	1'-0"	8"	2'-0"
139-139	1'-0"	8"	2'-0"
140-140	1'-0"	8"	2'-0"
141-141	1'-0"	8"	2'-0"
142-142	1'-0"	8"	2'-0"
143-143	1'-0"	8"	2'-0"
144-144	1'-0"	8"	2'-0"
145-145	1'-0"	8"	2'-0"
146-146	1'-0"	8"	2'-0"
147-147	1'-0"	8"	2'-0"
148-148	1'-0"	8"	2'-0"
149-149	1'-0"	8"	2'-0"
150-150	1'-0"	8"	2'-0"
151-151	1'-0"	8"	2'-0"
152-152	1'-0"	8"	2'-0"
153-153	1'-0"	8"	2'-0"
154-154	1'-0"	8"	2'-0"
155-155	1'-0"	8"	2'-0"
156-156	1'-0"	8"	2'-0"
157-157	1'-0"	8"	2'-0"
158-158	1'-0"	8"	2'-0"
159-159	1'-0"	8"	2'-0"



SECTION: 130-130
SCALE: $\frac{3}{4}'' = 1'-0''$



SECTION 200-200

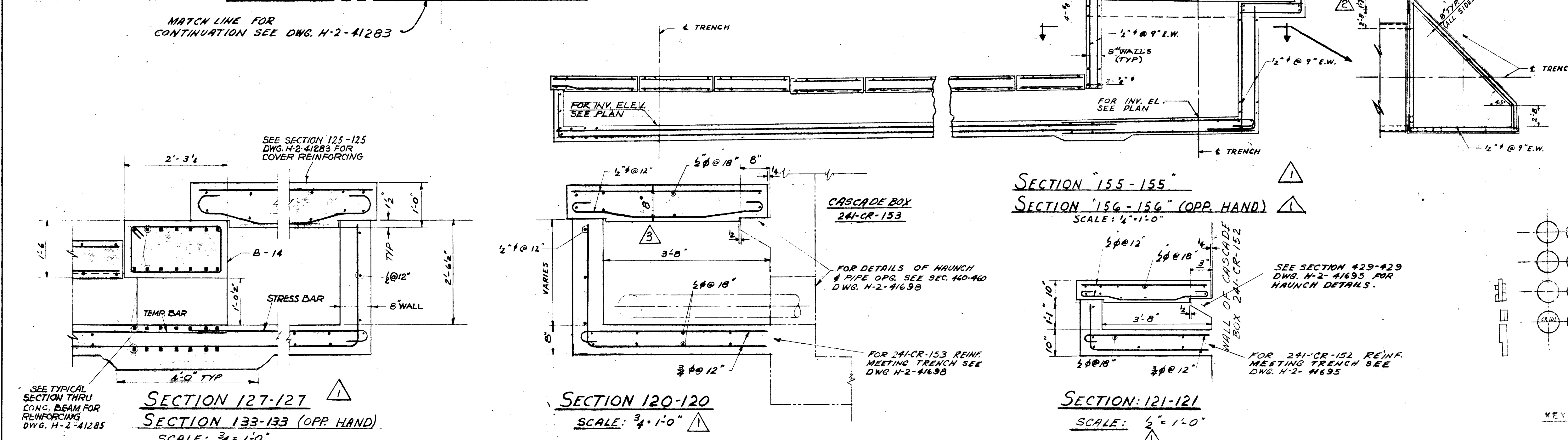
NOTES

1. FOR GENERAL NOTES & SPECS. SEE DWG. H-2-4128.
2. FOR TYPICAL DETS. OF BEAMS SEE DWG. H-2-4125.
3. FOR LOCATION AND DETAILS OF BAILS SEE DWG. H-2-4128.
4. FOR DET. OF ADDITIONAL COVER REINF. SEE DWG. H-2-4127.

SECTION NO. SCHEDULE

SEC. NO.	DWG. NO.
102-102	H-2-4/2
106-106	
122-122	
124-124	
101-101	
110-110	
154-154	

AS BUILT

[illegible]

AS OF SEPT. 1, 1951 THE NAME OF
THE KELLEX CORPORATION
IS CHANGED TO
VITRO CORPORATION
OF AMERICA

RECLASSIFIED
BY *A. L. Conley* DATE 12-27-85

6	STRUCTURAL - CONCRETE - PLAN & SECTION PIPE TRENCHES - 24" S/C - SHEET PILING PIPING PLAN, UNDERGROUND PROFILES
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	PIPING- UNDERGROUND PROCESS- PLANS E. 101 E.104 CASCADES - SH.1
1998	STRUCTURAL- CONCRETE - SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

95	CASCADE DIV. BOX 241-CR-153
95	STRUCTURAL-CONCRETE-SECTION CASCADE DIV. BOX 241-CR-152 SHW
83	STRUCTURAL-CONCRETE-PLAN & PIPE TRENCHES - 241-CR -

87	STRUCTURAL - CONCRETE - PLAN 8 PIPE TRENCHES - 241/CR SHA
85	STRUCTURAL - CONCRETE - PLAN 8 PIPE TRENCHES - 241/CR - 3
10	TITLE

REFERENCE DRAWINGS

Downloaded from <http://ajphaphysocpharmacology.physocpharmacology.aipr.org/> on June 11, 2015

REVISIONS	
SCALE: AS NOTED.	APPROVALS

	BY	DEPT.	DATE
DRAWN BY E. T. REPETTI	DATE 12-21-51	K L X	2-21-51
CHECKED BY	DATE 2-21-51	K L X	2-21-51

APPROVED BY WJR 2-21-51	DATE	P. Murphy	D & C	3/1/51
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	ENG. REP. NO.			
	PROJECT NO. C-362			

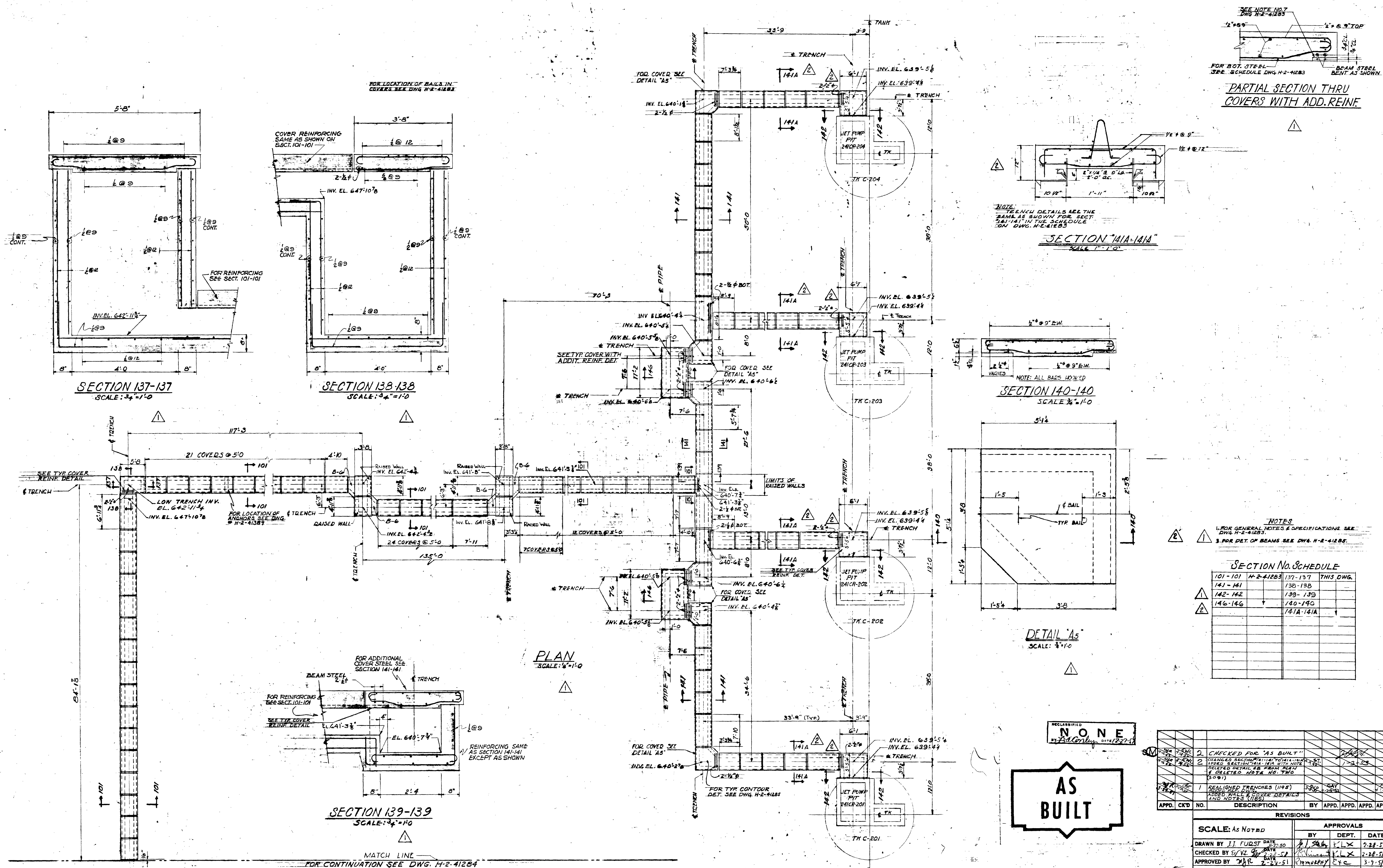
GENERAL ELECTRIC CO.
HARTFORD WORKS

SECTION 5	0900	HANFORD WORKS
DETAILS	THE KELLEY CORPORATION	

SAT. NO. 2. S & DETAILS NO. 1 SECTION 415 SHEET NO. 1	COPY	JOB 15	KLX. NO. E15-A24-402	A
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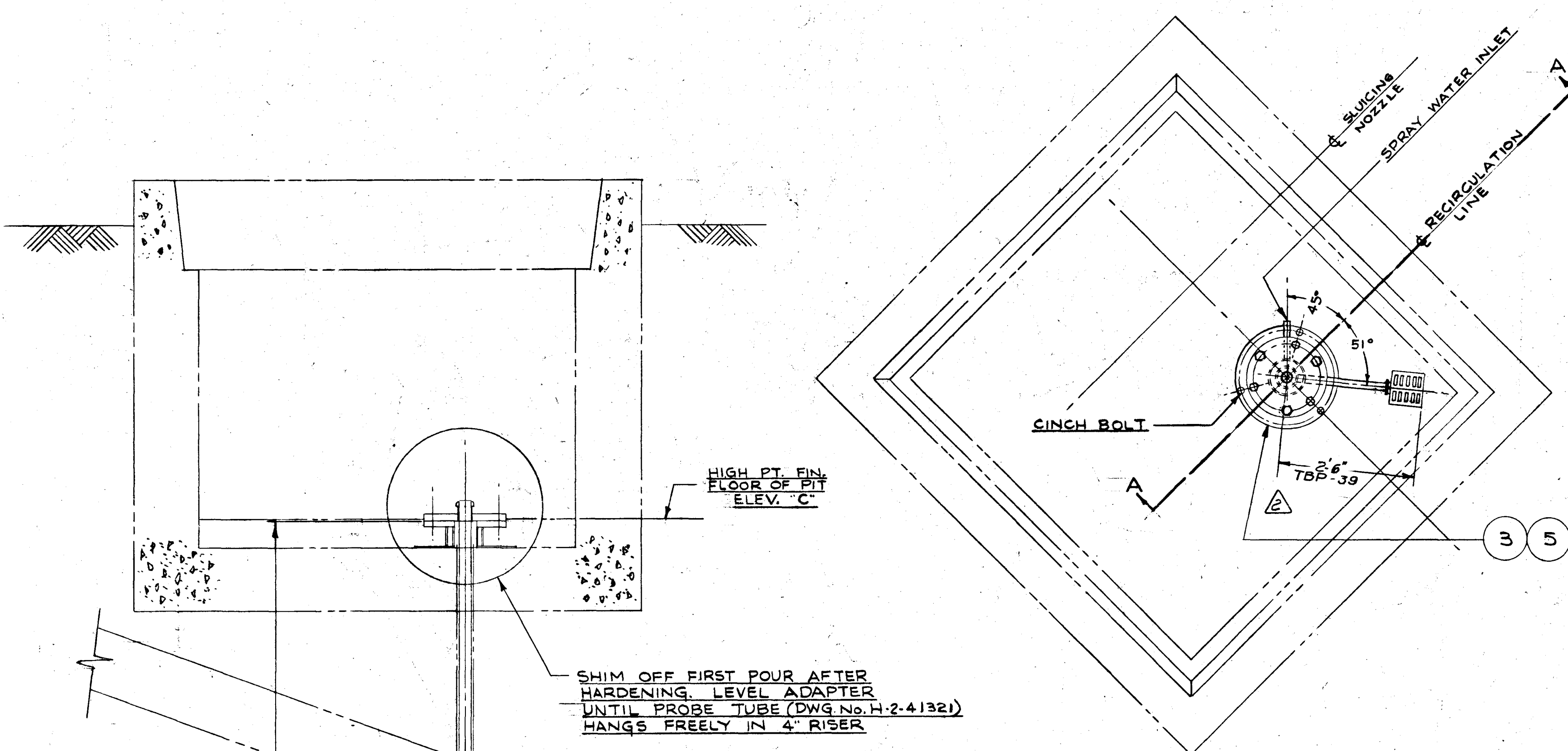
SECTIONS SHEET NO 3	TITLE <u>STRUCTURAL-CONCRETE-PLAN & SECTION.</u>	
SECTIONS SHEET NO 3	PIPE TRENCHES - 24" GCR - SHEET NO 2	
	PLD	DWG

BLDG. NO'S	241-CR	DWG. NO.	H-2-41284
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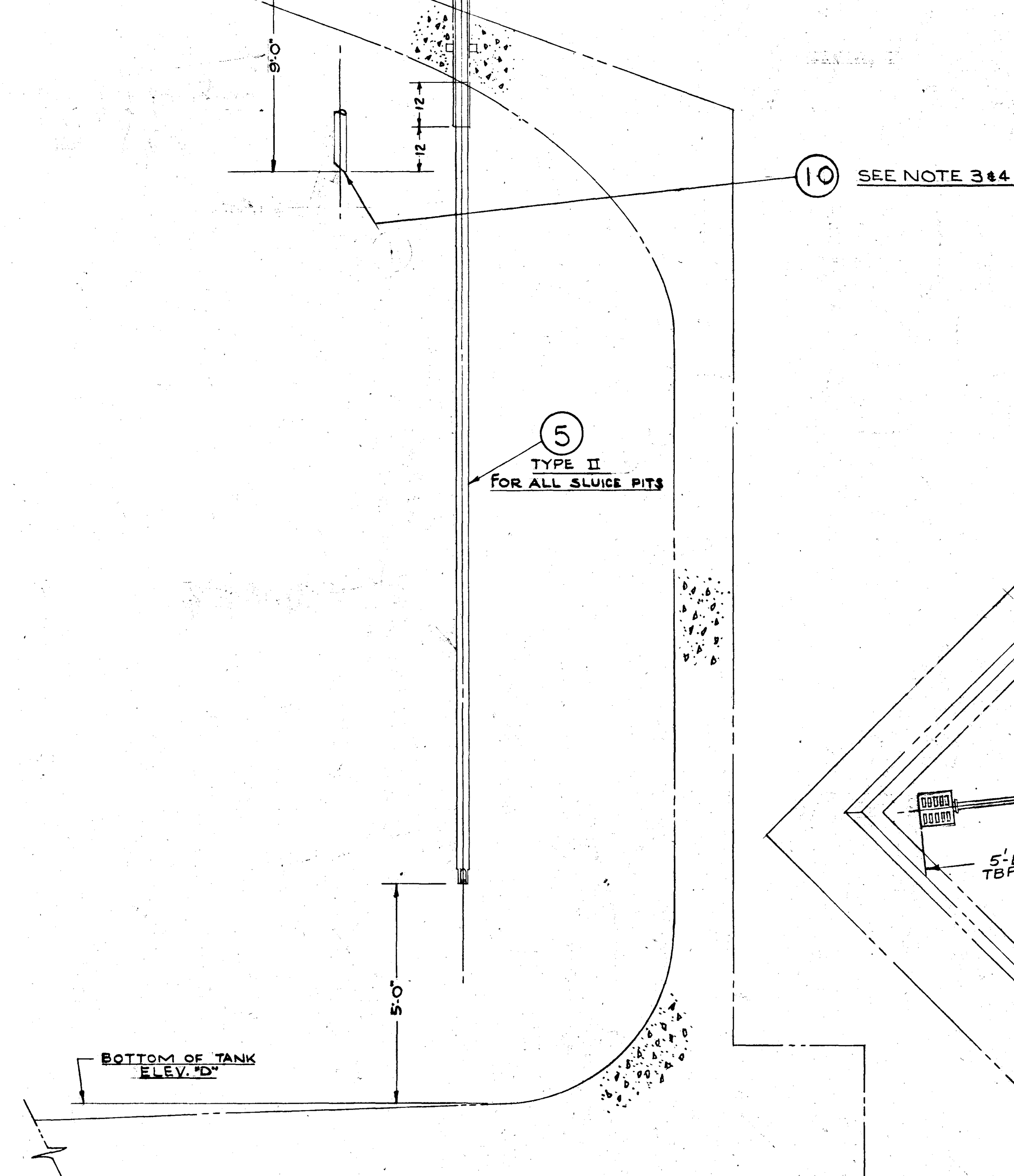
AS OF SEPT. 1, 1951 THE NAME OF
THE KELLEX CORPORATION
IS CHANGED TO
VITRO CORPORATION
OF AMERICA

[illegible]



KEY PLAN
ARRANGEMENT OF RECIRCULATION
LINE IN SLUICING PIT
SCALE: 1/2"=1'-0"

NOTE: SEE STRUCTURAL
DWG. NO. H-2-41344,
H-2-41347, H-2-41350,
H-2-41353

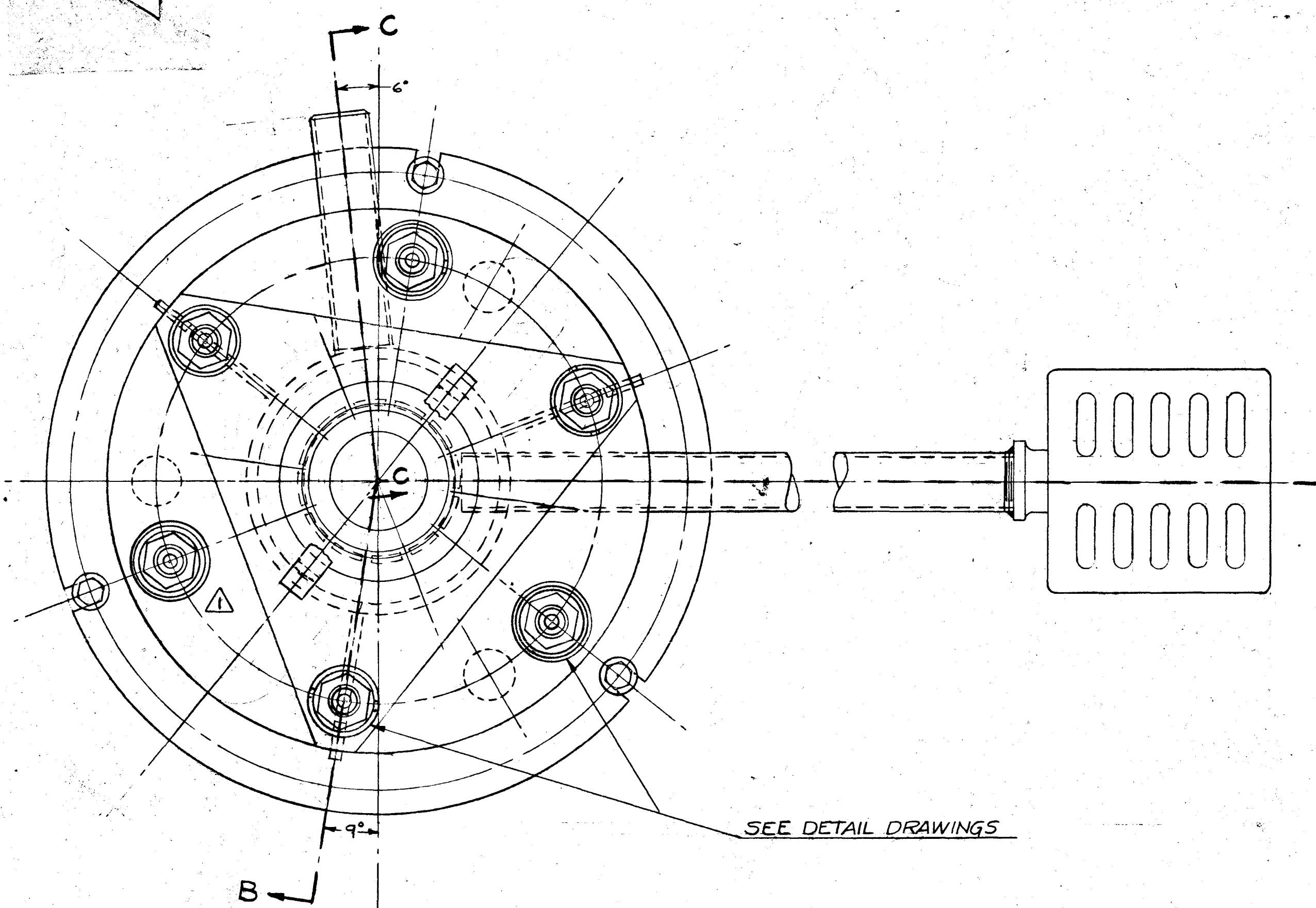


SECTION A-A
SCALE: 1/2"=1'-0"

TK#	ELEVATIONS		
	B	C	D
B-101, BX-101, BX-104	646'-2"	646'-3"	616'-0"
B-102, BX-102, BX-105	645'-2"	645'-3"	615'-0"
B-103, BX-103, BX-106	644'-2"	644'-3"	614'-0"
C-101, C-104	640'-2"	640'-3"	610'-0"
C-102, C-105	639'-2"	639'-3"	609'-0"
C-103, C-106	638'-2"	638'-3"	608'-0"
T-101	666'-2"	666'-3"	636'-0"
T-102	665'-2"	665'-3"	635'-0"
T-103	664'-2"	664'-3"	634'-0"

KEY PLAN
ARRANGEMENT OF RECIRCULATION
LINE IN PUMP PIT
SCALE: 1/2"=1'-0"

NOTE: SEE STRUCTURAL
DWG. NO. H-2-41343,
H-2-41346, H-2-41349,
H-2-41353



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

TYPE II RECIRCULATION LINE
INSTALLATION

ITEM NO.	DESCRIPTION	QTY.	UNIT	MATERIAL
SLUICING PIT DIPLEG ASSEMBLY				
1	3/8"-11 CINCH BOLT 5" LONG			COMMERCIAL
2	WASHER 7/16", 2" O.D. X 3/16"			ASTM-A308 GR. B115
3	ADAPTER RING-SLUICING PIT	H-2-41319		
4	DETACHABLE LIFTING BAIL	H-2-41322		
5	DIPLEG-TYPE II	H-2-41323		
6	STANDARD 1/4" DIA. STUD	H-2-41365		
7	STANDARD 1/4" DIA. FREE NUT	H-2-41365		
8	FLOOR DRAIN TURN CAT 471-2-605-913 E2	SEE NOTE #1		CAST STEEL
9	3/8"-11 HEX NUT			COMMERCIAL
PUMP PIT DIPLEG ASSEMBLY				
10	DIPLEG-TYPE I	H-2-41323		
11	ADAPTER RING-PUMP PIT	H-2-41319		
ALL PARTS SAME AS ITEMS 1, 2, 4, 6, 7, 8, 9.				
4" RISER INSTALLATION (SEE NOTE #3)				
12	DUMMY COVER	H-2-41320		
ALL PARTS SAME AS ITEMS 1, 2, 4, 6, 7, 8, 9, 11.				

GENERAL NOTES:

- TO BE SUPPLIED WITH 2" I.P.T. SCREWED OUTLET & WITHOUT INTERNAL BASKET.
- ALL STUDS & FREE NUTS TO BE SUPPLIED BY CUSTOMER.
- DIPLEG IS OMITTED FROM THE FOLLOWING PITS:
241-BR-03A 241-CR-03A
241-BXR-03A 241-CR-03A
241-BXR-06A 241-TR-03A
THE FOLLOWING DUMMY COVERS ARE SUBSTITUTED:
241-BR-330 241-CR-330
241-BXR-330 241-TR-330
- IN THE EVENTUALITY THAT EITHER THE PROBE TUBE (DWG. H-2-41321) OR A DIPLEG PROPER IS BLOCKED UPON PASSAGE THROUGH THE 4" I.P.S. RISER, BURN OFF DIPLEG AT PIPE JOINTS AND SUBSTITUTE A LEG OF 2" I.D. SEAMLESS CARBON STEEL FLEXIBLE TUBING WITH ONE WELDING END OF THE SAME LENGTH AS NOTED FOR TYPE I ON DWG. H-2-41323.

PIT	EQUIP. PC. NO.	PIT	EQUIP. PC. NO.
241-BR-01A	L-BR-01-4	241-CR-01A	L-CR-101-4
241-BR-01C	L-BR-101-3	241-CR-01C	L-CR-101-3
241-BR-02A	L-BR-102-4	241-CR-02A	L-CR-102-4
241-BR-02C	L-BR-102-3	241-CR-02C	L-CR-102-3
241-BR-03C	L-BR-103-3	241-CR-03C	L-CR-103-3
241-BXR-01A	L-BXR-101-4	241-CR-04A	L-CR-104-4
241-BXR-01C	L-BXR-101-3	241-CR-04C	L-CR-104-3
241-BXR-02A	L-BXR-102-4	241-CR-05A	L-CR-105-4
241-BXR-02C	L-BXR-102-3	241-CR-05C	L-CR-105-3
241-BXR-03C	L-BXR-103-3	241-CR-06C	L-CR-106-3
241-BXR-04A	L-BXR-104-4	241-TR-01A	L-TR-101-4
241-BXR-04C	L-BXR-104-3	241-TR-01C	L-TR-101-3
241-BXR-06A	L-BXR-105-4	241-TR-02A	L-TR-102-4
241-BXR-06C	L-BXR-105-3	241-TR-02C	L-TR-102-3
241-BXR-06C	L-BXR-106-3	241-TR-03C	L-TR-103-3

THIS DWG. IS IDENTICAL WITH DWG. #H-2-40073
REV. #1 WITH FOLLOWING EXCEPTION:
EQUIP. PART NOS., BLDG. NOS., & R.F.P.
DWG. NOS. ARE CHANGED AND PIT NOS. REVISED.

AS BUILT

APPROVED	DATE	DESCRIPTION	BY	APPROVED	DATE
3	CHECKED FOR "AS BUILT"				
2	DIM 2" WAS 9" DIM 2" WAS 9" (2041)				
1	ADDED NUT RETENTION SURVEY (245)				
APPROVED	NO.	DESCRIPTION	BY	APPROVED	DATE
SCALE: AS NOTED					
DRAWN BY REFFER DATE 11-22-50					
CHECKED BY J. FINE DATE 11-23-50					
APPROVED BY M.J. DATE 11-30-50					
ENG. REP. NO.					
PROJECT NO. C-362					
GENERAL ELECTRIC CO.					
4407 HANFORD WORKS					
THE KELLEX CORPORATION					
COPY JOB 15 KLEX NO. E15-J13-457 A					
TITLE MECH. EQUIP. ASSEMBLY-RECIRC. DIPLEG'S					
WASTE METAL REMOVAL					
BLDG. NOS. 241-BR, 241-CR, 241-TR, 241-BXR					
DWG. NO. H-2-41318					

KLX. NO.	DWG. NO.	TITLE
E15-A26-402	H-2-41353	STRUCTURAL CONCRETE-PLAN & SECTIONS- PUMP PIT (SEE AREA)
E15-A27-401	H-2-41349	STRUCTURAL CONCRETE-PLAN & SECTIONS- PUMP PIT (SEE AREA)
E15-A25-401	H-2-41346	STRUCTURAL CONCRETE-PLAN & SECTIONS- PUMP PIT (SEE AREA)
E15-A24-406	H-2-41343	STRUCTURAL CONCRETE-PLAN & SECTIONS- PUMP PIT (SEE AREA)
E15-A28-403	H-2-41354	STRUCTURAL CONCRETE-PLAN & SECTIONS- SLUICING PIT (SEE AREA)
E15-A27-402	H-2-41350	STRUCTURAL CONCRETE-PLAN & SECTIONS- SLUICING PIT (SEE AREA)
E15-A25-402	H-2-41347	STRUCTURAL CONCRETE-PLAN & SECTIONS- SLUICING PIT (SEE AREA)
E15-A24-407	H-2-41344	STRUCTURAL CONCRETE-PLAN & SECTIONS- SLUICING PIT (SEE AREA)
E15-J2-499	H-2-40365	MECH. EQUIP.-STANDARD 1/4" DIA. STUD & MECH. EQUIP.-DETAIL-DIPLEG ADAPTER RING
E15-J13-458	H-2-41319	MECH. EQUIP.-DETAIL-DIPLEG ADAPTER RING
E15-J13-459	H-2-41320	MECH. EQUIP.-DETAIL-DIPLEG ADAPTER RING
E15-J13-460	H-2-41321	MECH. EQUIP.-DETAIL-DIPLEG ADAPTER RING
E15-J13-461	H-2-41322	MECH. EQUIP.-DETAIL-DIPLEG ADAPTER RING
E15-J13-462	H-2-41323	MECH. EQUIP.-DETAIL-DIPLEG ADAPTER RING
KLX. NO.	DWG. NO.	TITLE
REFERENCE DRAWINGS		

NON
BY J. FINE
DATE 11/27/57

THIS SHEET FOR PUMP AT 241-242-101
AND 241-242-102 101-2-102

NOTE
FOR DETAILS OF CONCRETE ELEMENT
SEE DWG. H-2-41343

NOTE
ALL DIMENSIONS UNLESS OTHERWISE
SPECIFIED ARE TO FACE OF
LOCATED IN THE FIELD BY DIMENSION
ALL DIMENSIONS UNLESS OTHERWISE
SPECIFIED ARE TO FACE OF

NOTE

PLAN
SCALE 3/4"=1'-0"

DETAIL A2
SCALE 1/2"=1'-0"

COILER KEY PLAN
SCALE 1/4"=1'-0"

SECTION 249-242
SCALE 3/4"=1'-0"

SECTION 236-236
SCALE 1/2"=1'-0"

SECTION 239-239 SECTION 240-240
SCALE 1/2"=1'-0"

NOTES

FOR GENERAL NOTES AND SPECIFICATIONS
SEE DRAWING H-2-41343
FOR DETAILS OF CONCRETE ELEMENT
SEE DWG. H-2-41343
FOR INFORMATION NOT SHOWN OR CALLED FOR SEE DWG. H-2-41343
AND H-2-41343

AS OF SEPT. 1, 1991 THE NAME OF
THE KELLEY CORPORATION
IS CHANGED TO
VITRO CORPORATION
OF AMERICA

AS BUILT

SECTION 250-250
SCALE 1/2"=1'-0"

SECTION 245-245

SECTION 246-246

KEY PLAN

SECTION 241-241

SECTION 242-242

SECTION 243-243

SECTION 244-244

SECTION 234-234

SECTION 235-235

SECTION 236-236

SECTION 237-237

SECTION 238-238

SECTION 239-239

SECTION 240-240

SECTION 241-241

SECTION 242-242

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SECTION 494-494

SECTION 495-495

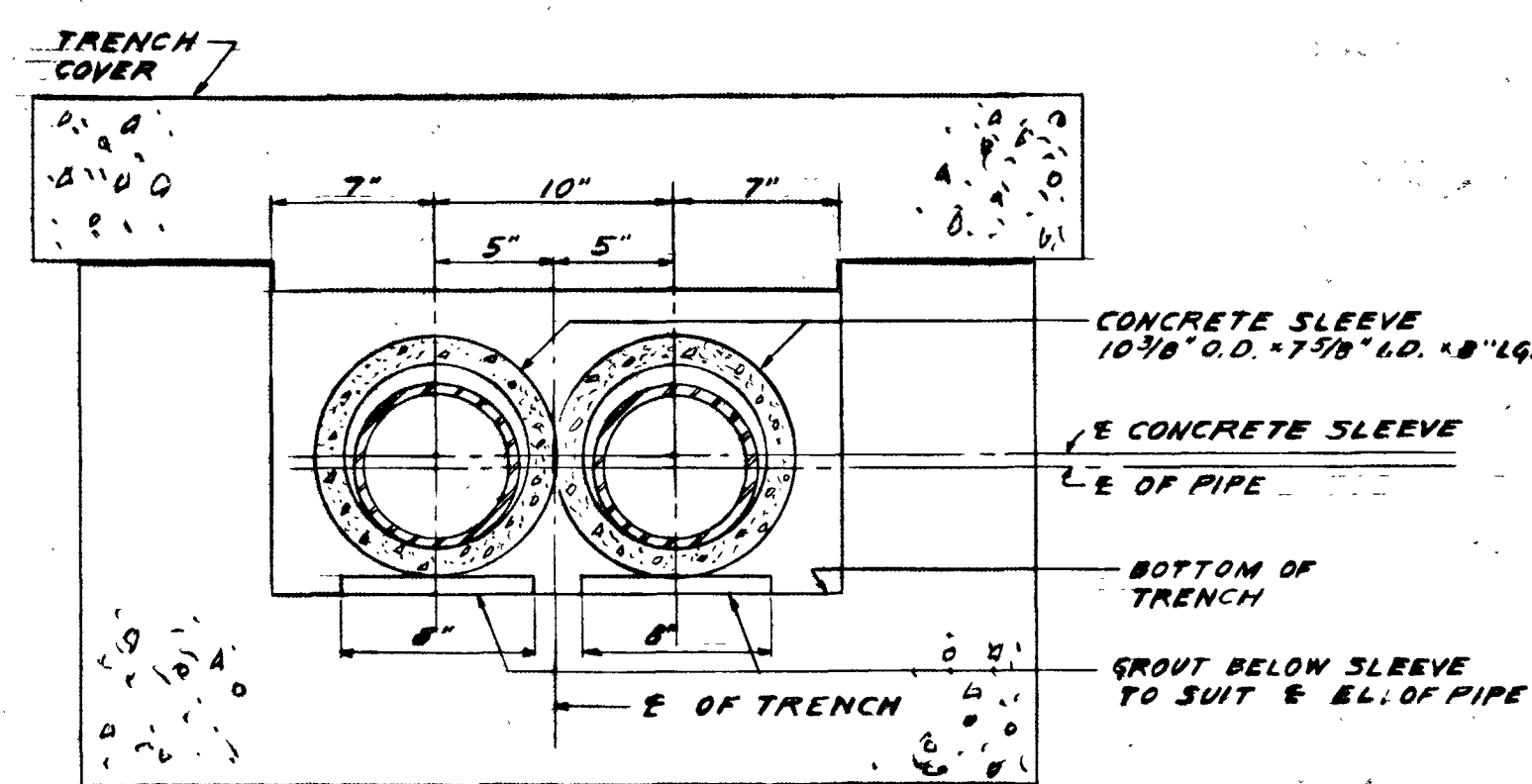
SECTION 496-496

SECTION 497-497

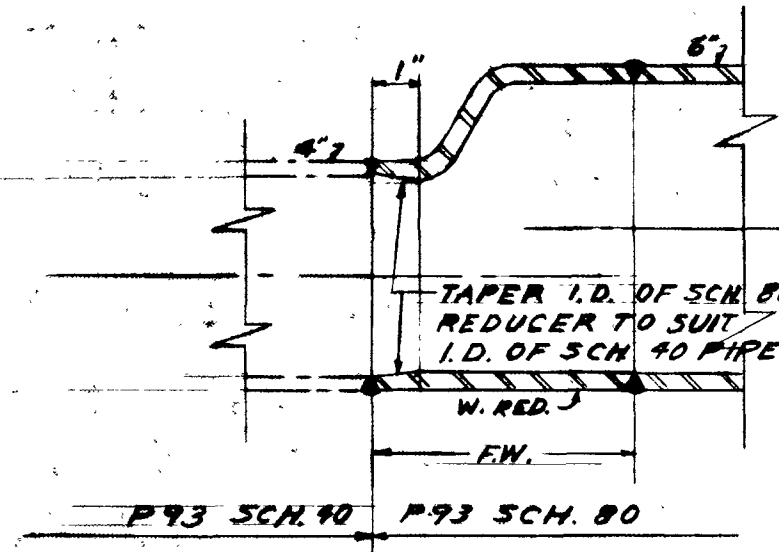
SECTION 498-498

SECTION 499-499

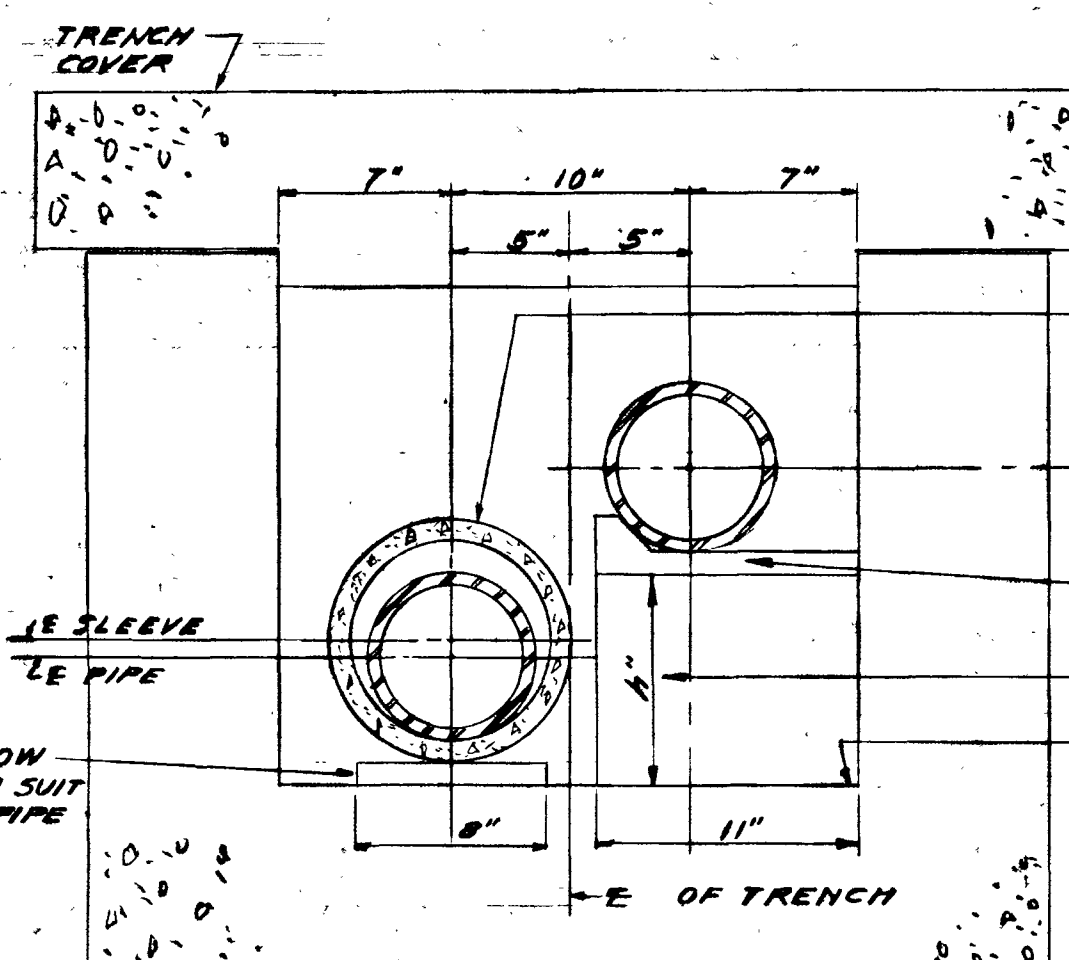
SECTION 500-500



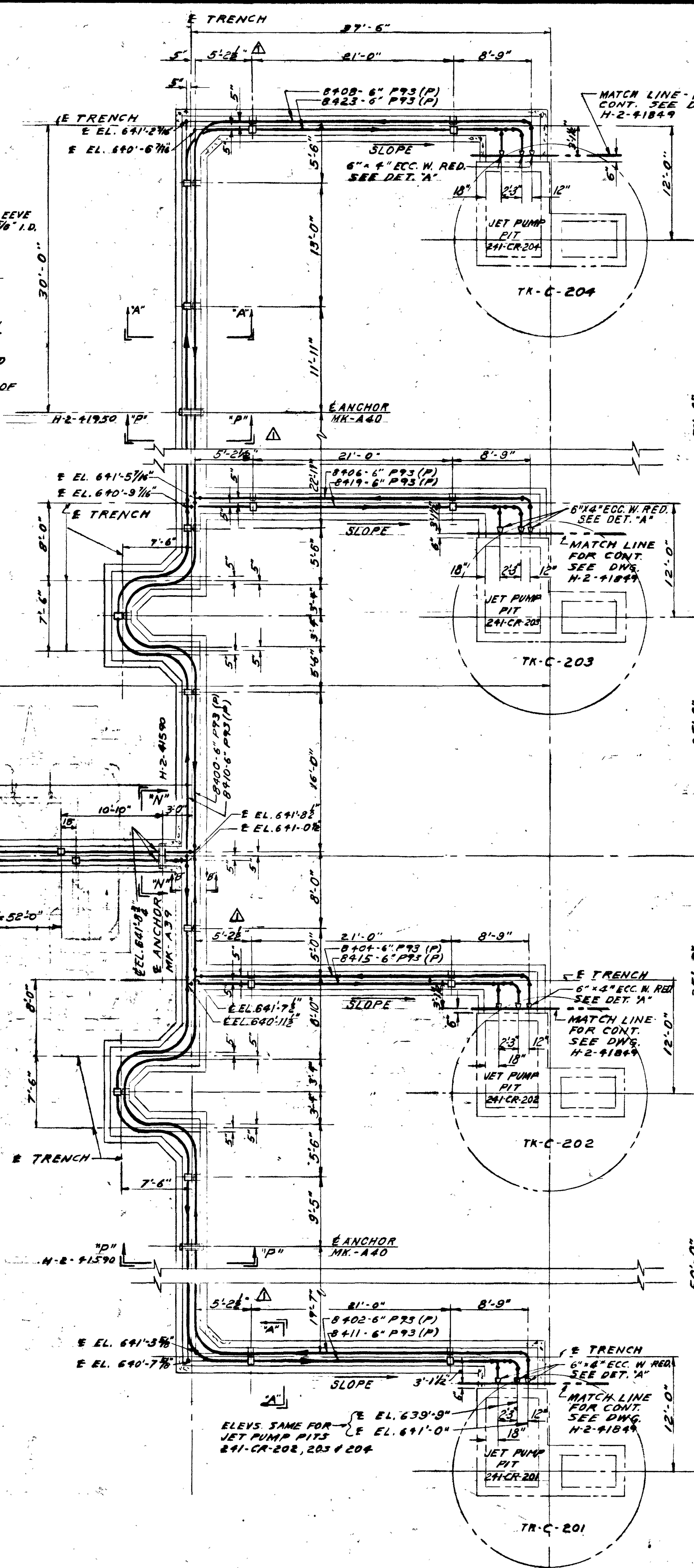
DETAIL "B"
TYPICAL CONCRETE SLEEVES



DETAIL "A"
NOT TO SCALE

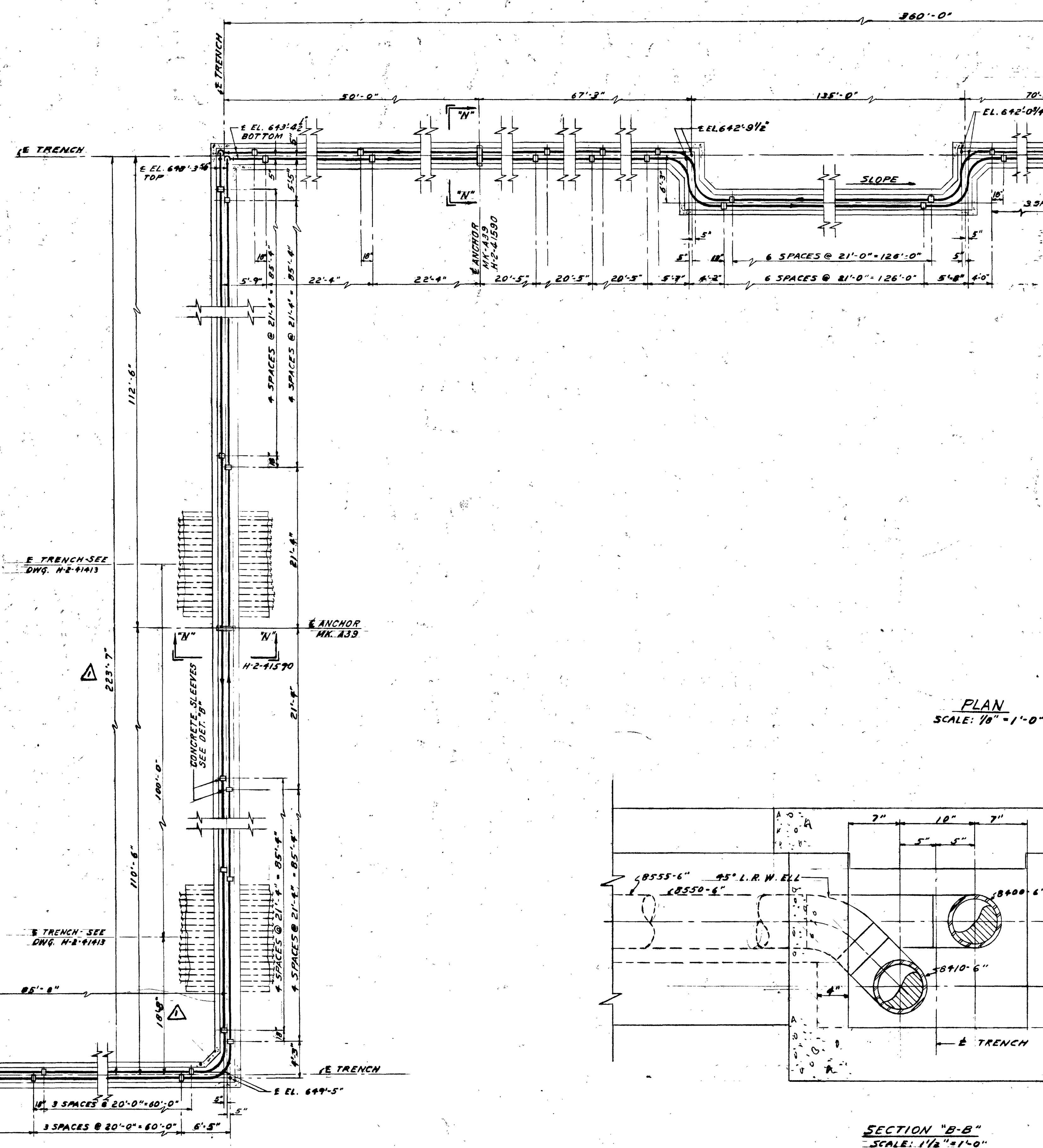


SECTION "A-A"
TYPICAL WHERE PIPE ELEVATIONS VARY
SCALE: 1 1/2" = 1'-0"

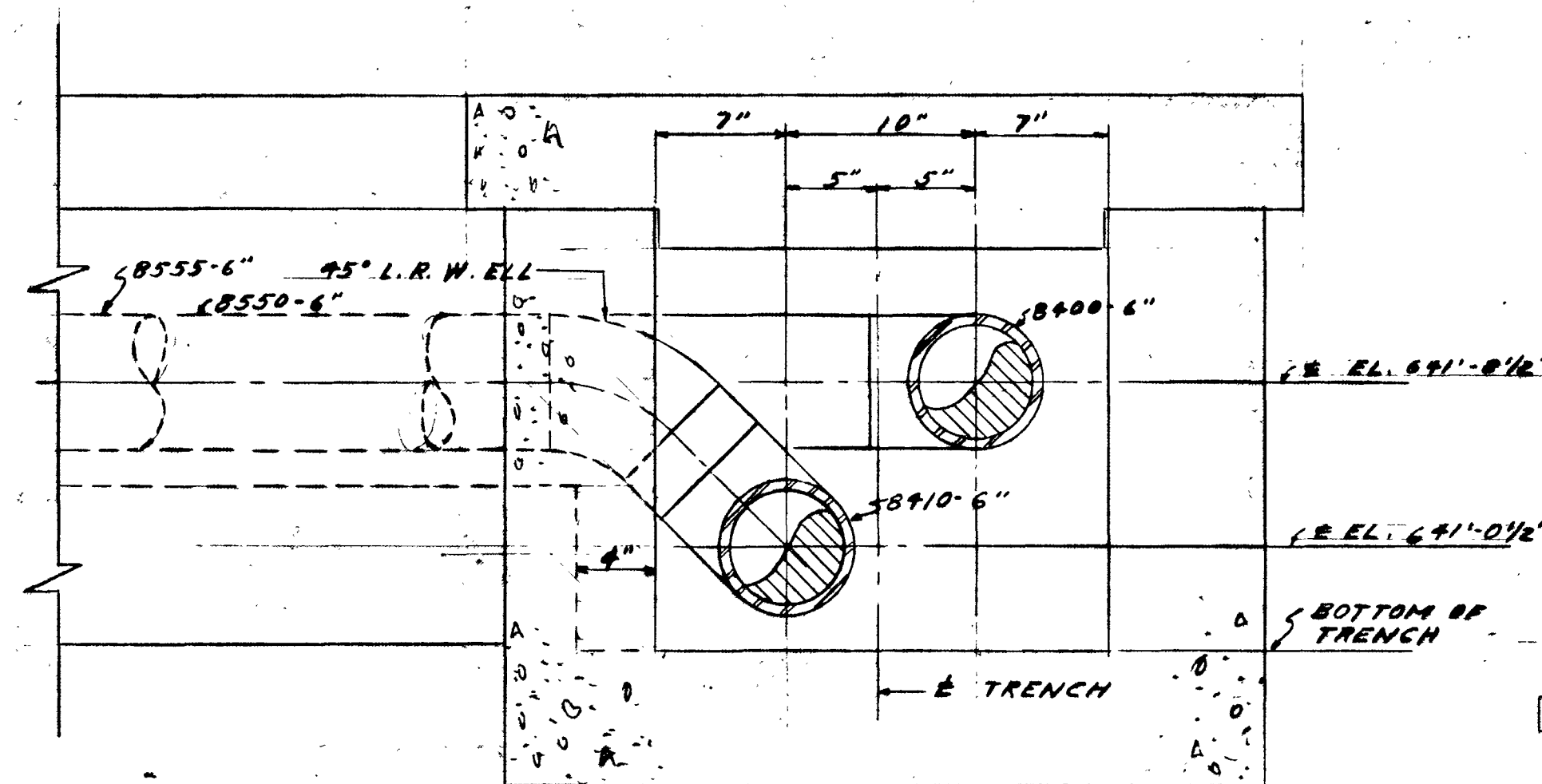


GENERAL NOTES:

- GENERAL NOTES**
1. ALL MATERIAL SHOWN ON THIS DRAWING SHALL BE IN ACCORDANCE WITH SPEC. NW 4314 REV. 2 CODE P-3
 2. ALL PIPE BEND RADIUS SHALL BE 6 NOMINAL PIPE DIAMETERS, EXCEPT AS NOTED.
 3. ALL WELDING ELBOWS ARE TO BE LONG RADIUS TYPE.
 4. FABRICATION, ERECTION AND TESTING OF P-3 PIPING SHALL BE IN ACCORDANCE WITH SPEC. NW 4314 REV. 2. CLEANING OF P-3 PIPING SHALL BE IN ACCORDANCE WITH SPEC. NW 4314 REV. 2. SUPPLEMENT TO SPEC. NW 4314 REV. 2.
 5. SALL WELDING GAP SEPARATION & EDGE PREPARATION SHALL BE IN ACCORDANCE SPEC. NW 4312 REV. 1.
 6. ALL CARBON STEEL PIPE BURIED UNDERGROUND SHALL RECEIVE ONE COAT OF RED LEAD IN OIL IN ACCORDANCE WITH SPEC. NW 4314 REV. 2. ALL COATS OF BITUMEN COATS OF BITUMEN CORROSION RESISTANT PAINT & DOUBLE WRAPPING OF BURIED PIPE.
 7. COATING OF ALL ONE-STEP-UP-IN TRENCHES SHALL BE IN ACCORDANCE WITH SPEC. NW 4409.
 8. ALL RESULTS OF FABRICATION, ERECTION, TESTING AND CLEANING OF P-3 PIPING SHALL BE IN ACCORDANCE WITH SPEC. NW 4602.
 9. LOCATION OF FIELD VALVES NOT SHOWN TO BE DETERMINED FIELD.



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



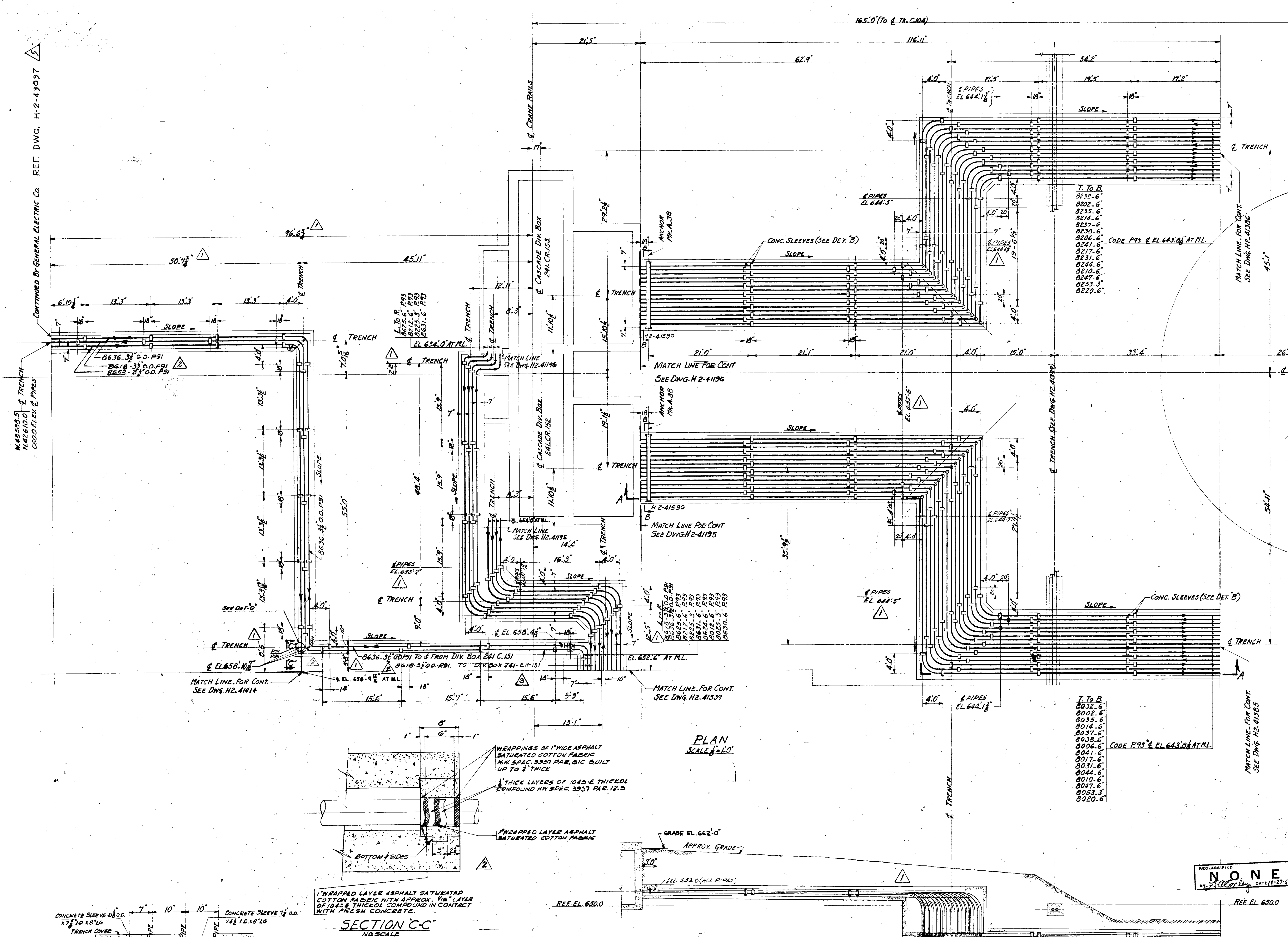
KEY PLAN

AS BUILT

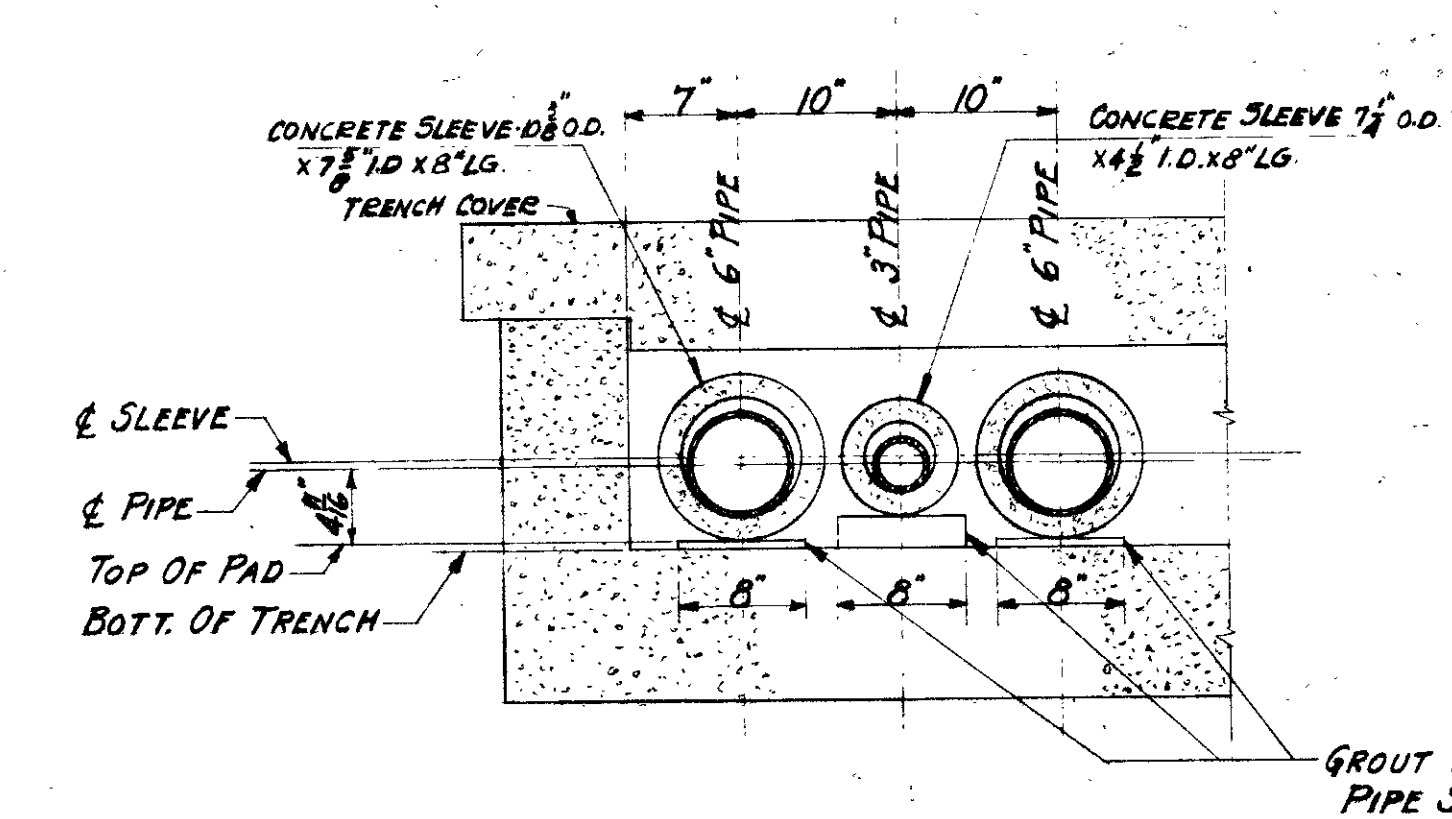
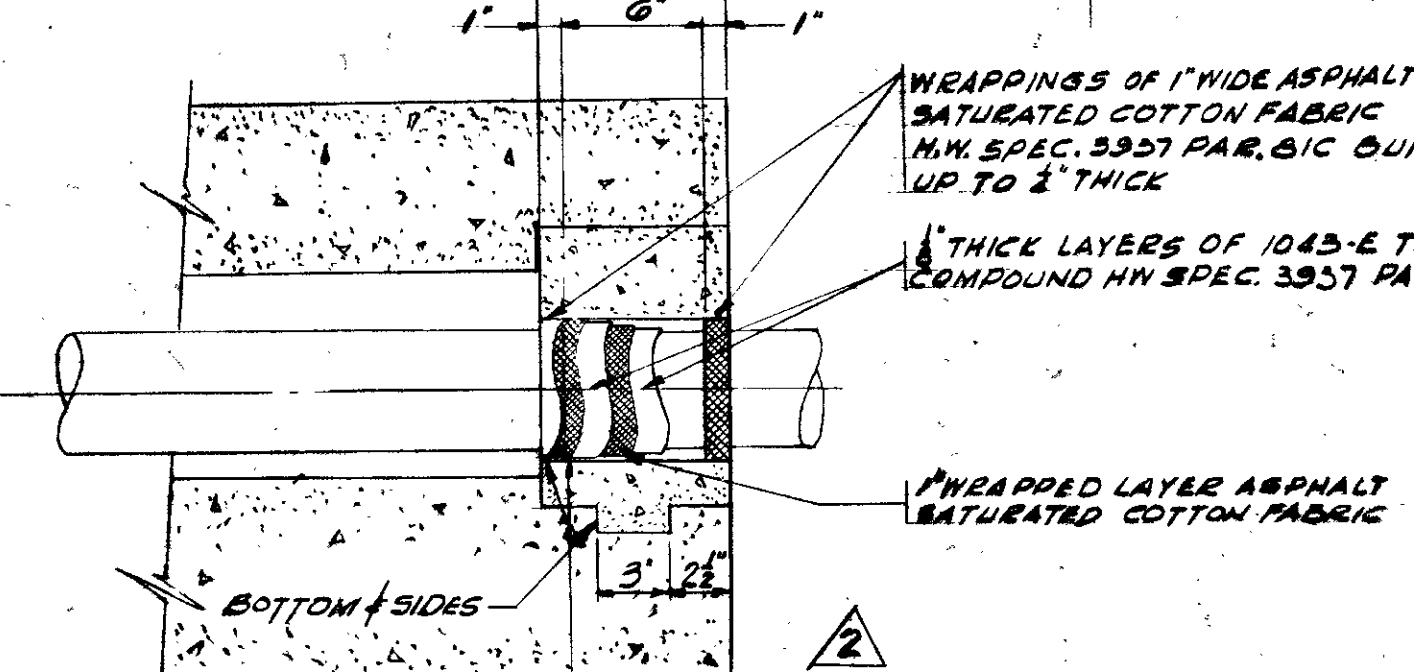
RECLASSIFIED
N O N E
By *L. J. Conner* DATE *1/1/11*

[illegible]

CONTINUED BY GENERAL ELECTRIC CO. REF. DWG. H-2-43037

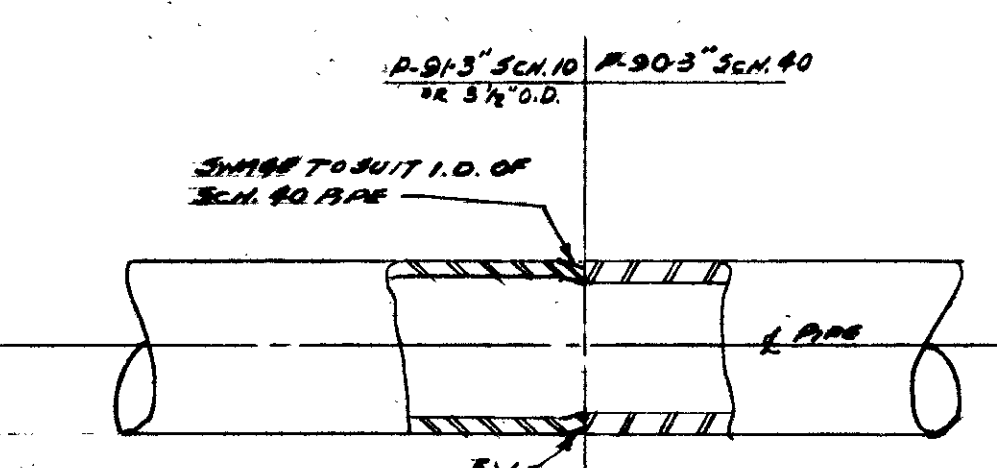


- GENERAL NOTES**
1. ALL PIPING SHOWN ON THIS DRAWING SHALL BE IN ACCORDANCE WITH SPEC. HW-4314, REV. #2 CODES P91 & P93 EXCEPT THAT PIPING DESIGNATED AS 3\"/>
 2. ALL PIPE BEND RADIUS SHALL BE (6) NOM. PIPE DIA. UNLESS OTHERWISE NOTED.
 3. ALL 90° WELDING ELBOWS TO BE LONG RADIUS TYPE.
 4. FABRICATION, ERECTION, AND TESTING SHALL BE IN ACCORDANCE WITH SPEC. HW-4314, REV. #2. PIPING SHALL BE CLEANED IN ACCORDANCE WITH THE SUPPLEMENT TO SPEC. HW-4314, REV. #2.
 5. ALL WELDING, GAP SEPARATION & EDGE PREPARATION SHALL BE IN ACCORDANCE WITH SPEC. HW-4312, REV. #1. INERT GAS SHIELDED ARC PROCESS SHALL BE USED FOR ALL STAINLESS STEEL PIPE.
 6. SPECIAL SEQUENCE OF ERECTION & TESTING OF PIPING TO BE IN ACCORDANCE WITH SPEC. HW-4602.
 7. LOCATION OF FIELD WELDS (F.W.) NOT SHOWN TO BE DETERMINED BY FIELD.
 8. COATING OF ALL CARBON STEEL SHALL BE IN ACCORDANCE WITH SPEC. HW-4609.
 9. ALL PIPING SPACED 10\"/>



SECTION C-C
NO SCALE
EXPANSION SEAL JOINT DETAIL
FOR LINES THROUGH CONCRETE PLUGS
(WALL REMOVED)

DETAIL B
TYPICAL CONCRETE SLEEVE DETAIL
SCALE 1\"/>



DETAIL D

KEY PLAN

SECTION A-A
NORTH TRENCH SIMILAR SLOPE AS SHOWN
SCALE 1\"/>

RECLASSIFIED
NONE
DATE 11-27-97

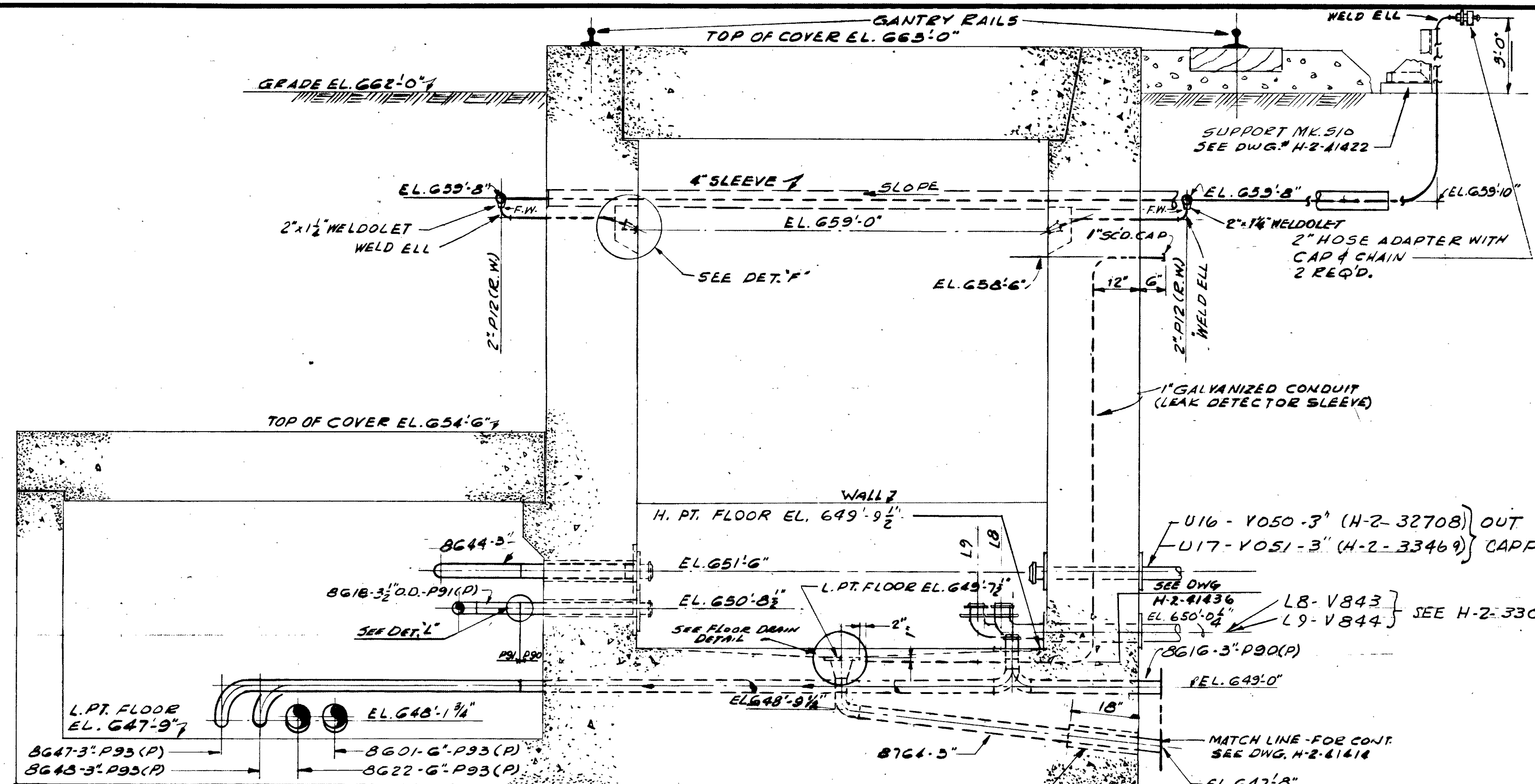
APPD.	CKD.	NO.	DESCRIPTION	BY	APPD.	APPD.	APPD.	APPD.

REVISIONS				APPROVALS			
NO.	DATE	DESCRIPTION	BY	NO.	DATE	DESCRIPTION	BY
1	1-23-51	ADDED REF.	KLX	1	1-23-51	ADDED REF.	KLX
2	1-23-51	CHECKED FOR H-2-43037	KLX	2	1-23-51	CHECKED FOR H-2-43037	KLX
3	1-23-51	LINE NOTES REVISED	KLX	3	1-23-51	LINE NOTES REVISED	KLX
4	1-23-51	LINE NOTES REVISED	KLX	4	1-23-51	LINE NOTES REVISED	KLX
5	1-23-51	LINE NOTES REVISED	KLX	5	1-23-51	LINE NOTES REVISED	KLX

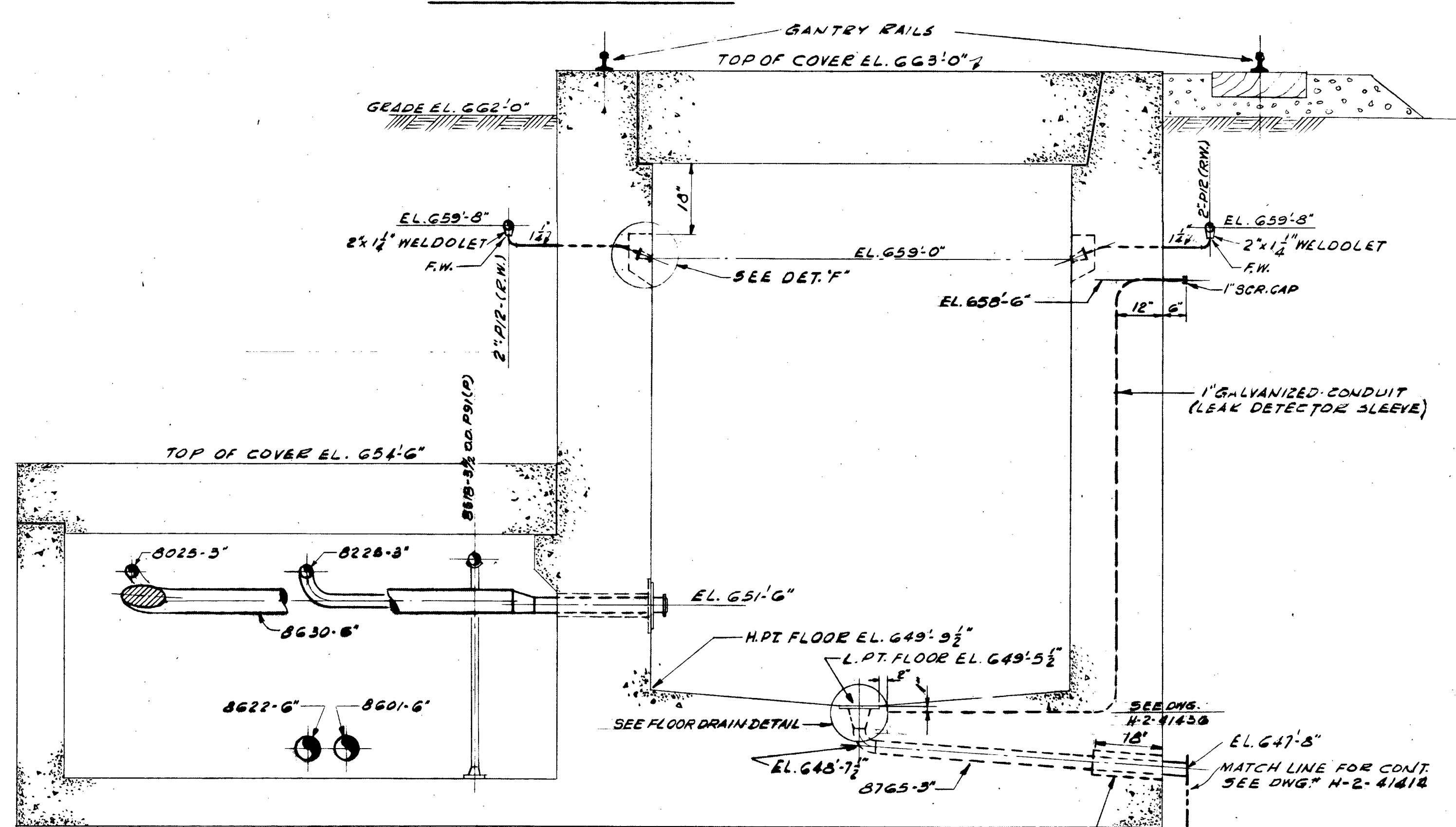
AS OF SEPT. 1, 1951 THE NAME OF THE KELLEX CORPORATION IS CHANGED TO VITRO CORPORATION OF AMERICA

GENERAL ELECTRIC CO.			
HANFORD WORKS			
THE KELLEX CORPORATION			
COPY	JOB 15	KX NO. E/15-M39423 A	
TITLE PIPING UNDERGROUND PROCESS PLANS & SECTIONS 101/104 CASCADES SH 1			
BLDG. NOS	241CR	DWG. NO.	H.2.41413

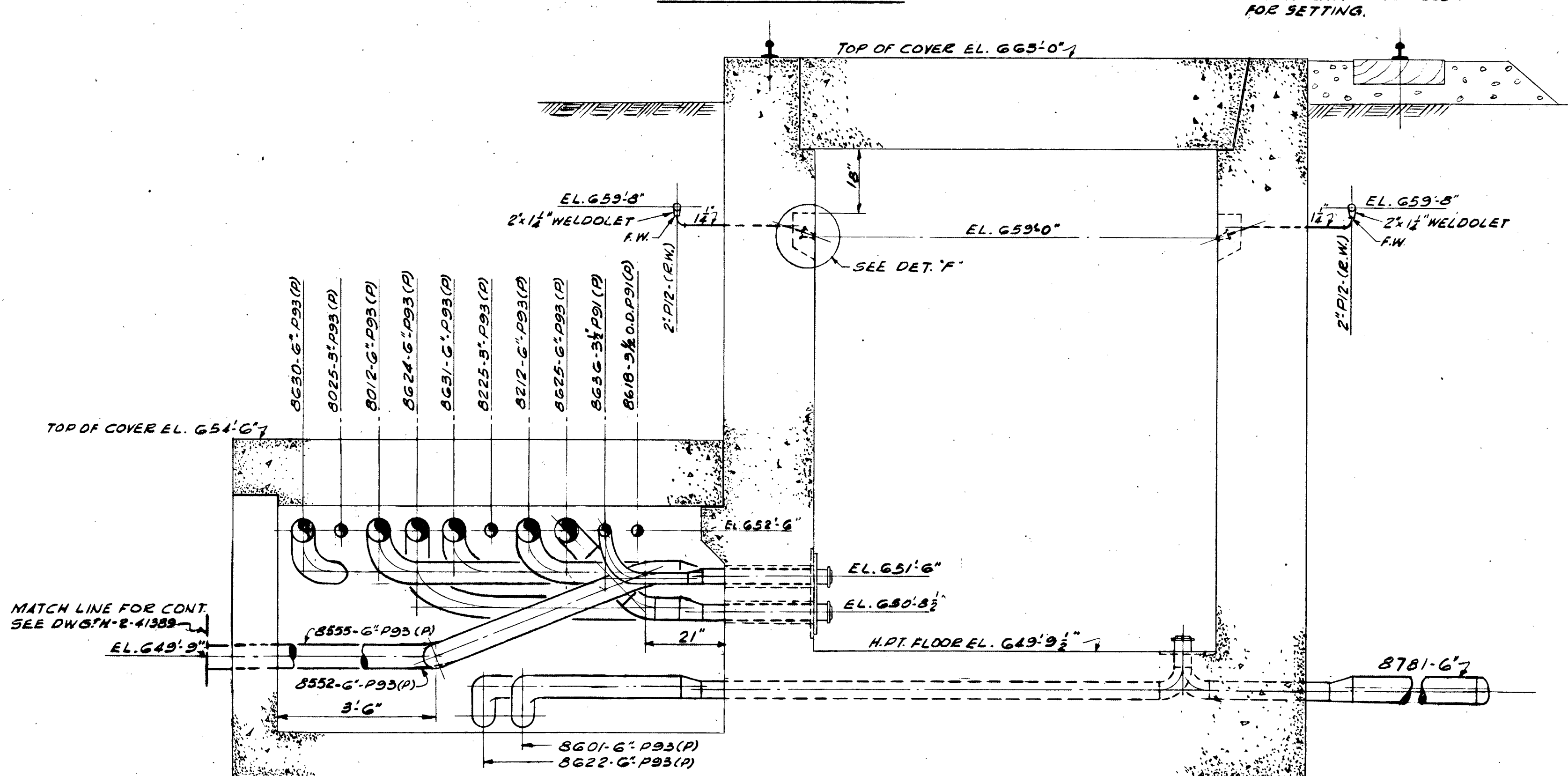
NO.	DATE	DESCRIPTION	BY	APPD.	APPD.	APPD.	APPD.
E15-A24-402	H-2-43037	TIE IN DET. @ C/C TANK FARM LAYOUT					
E15-M39-416	H-2-41284	STRUCTURAL CONCRETE PLAN & SECTIONS					
E15-M39-426	H-2-41196	PIPE TRENCHES - 241CR - WHEN NO. 1					
E15-M39-424	H-2-41539	ELEVATIONS, DET. & TRENCH DIV. BOX PLAN & SECTIONS					
E15-M39-415	H-2-41414	PIPE TRENCHES - 241CR - WHEN NO. 1					
E15-M39-420	H-2-41386	PIPE TRENCHES - 241CR - WHEN NO. 1					
E15-M39-437	H-2-41389	PIPE TRENCHES - 241CR - WHEN NO. 1					
E15-M39-421	H-2-41389	PIPE TRENCHES - 241CR - WHEN NO. 1					
KLX NO.	DWG. NO.	REFERENCE DRAWINGS					



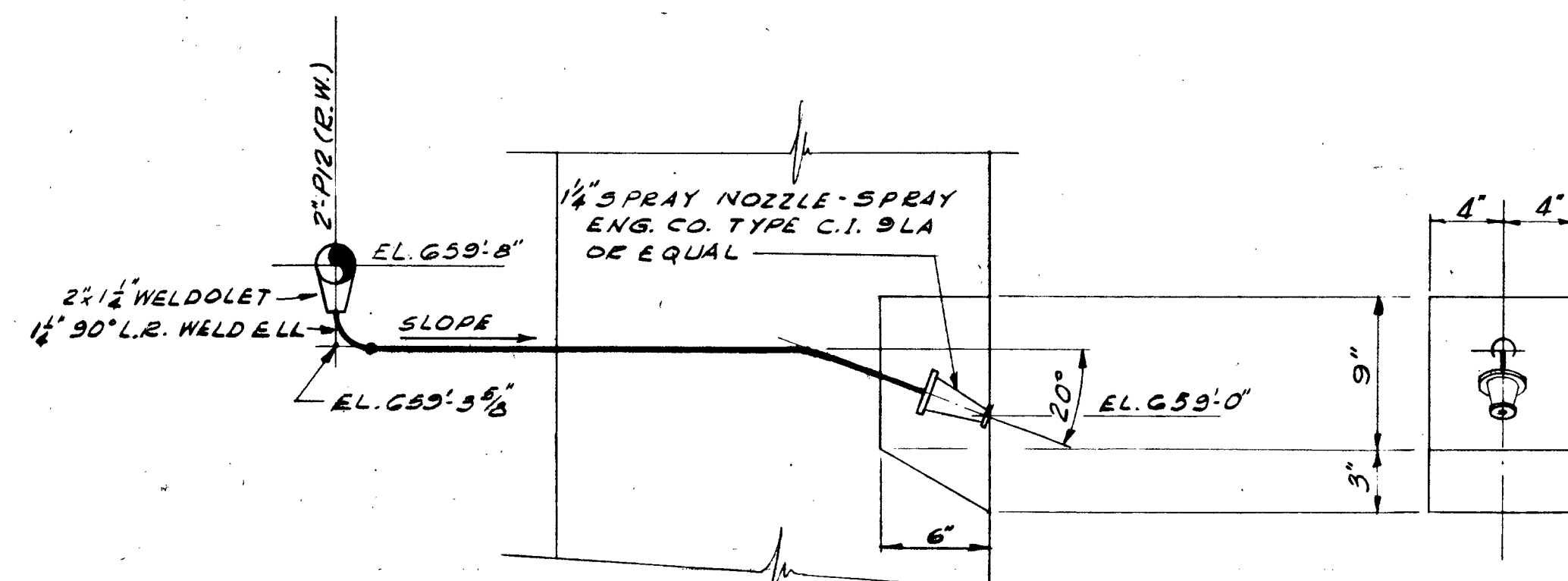
SECTION "C-C"



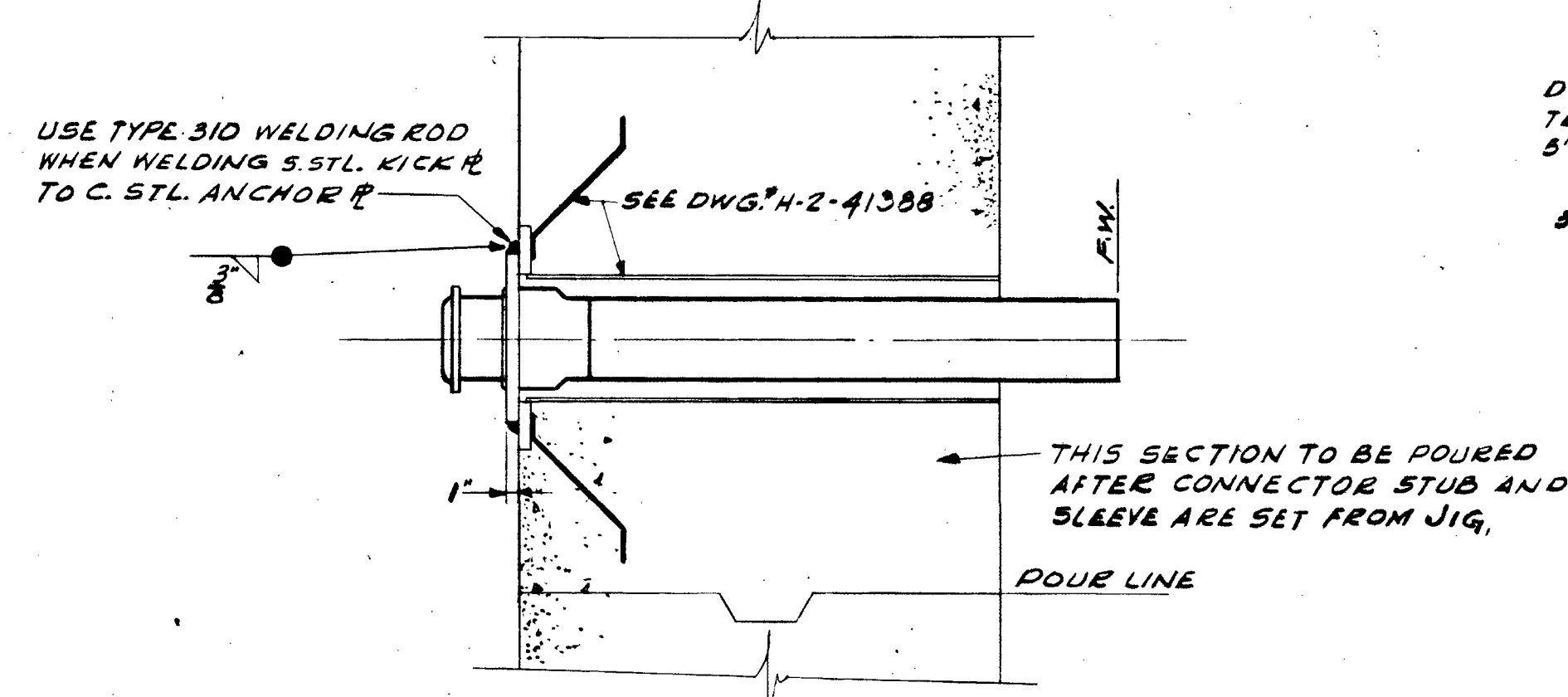
SECTION "D-D"



SECTION "E-E"

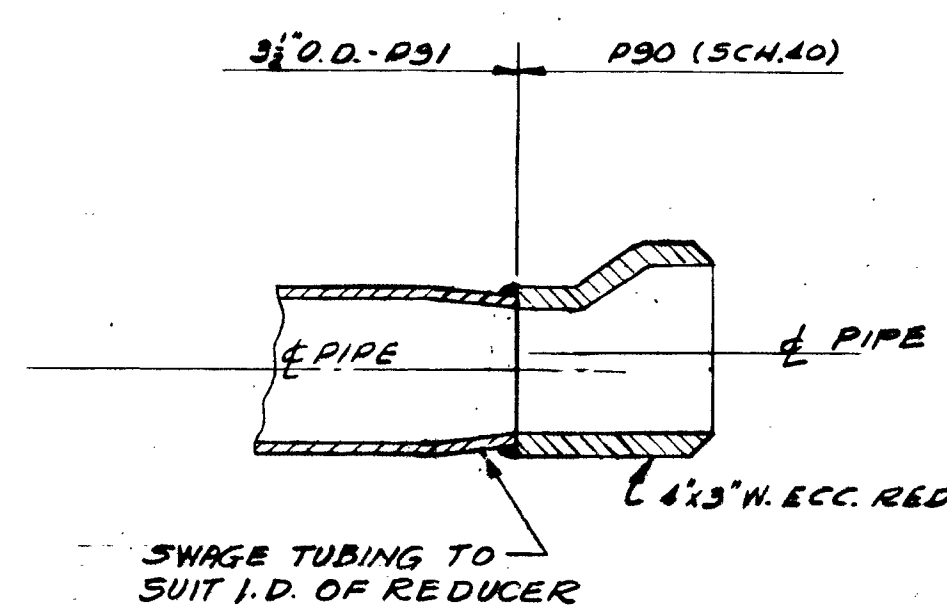


DETAIL "F"
SCALE: $1\frac{1}{2}" = 1'-0"$

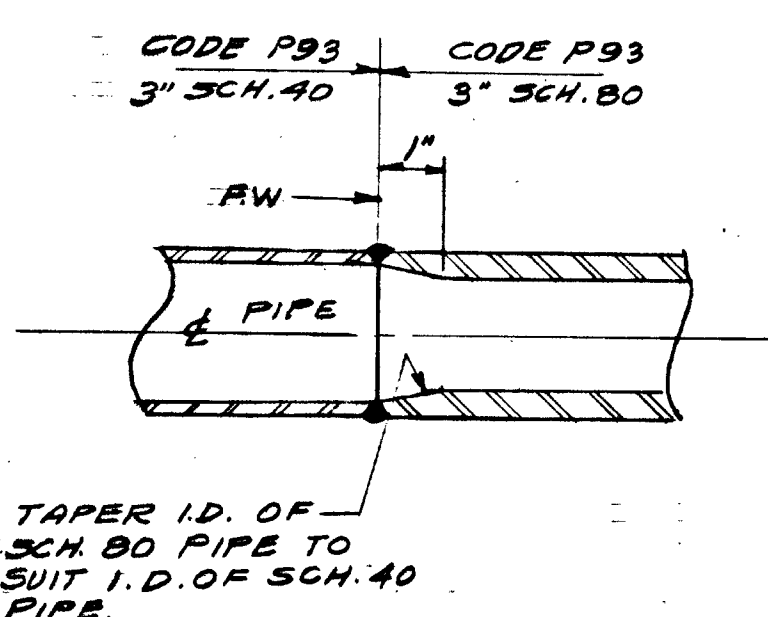


SECTION "X-X"
TYPICAL INSTALLATION
MALE CONNECTOR
NO. SCALE

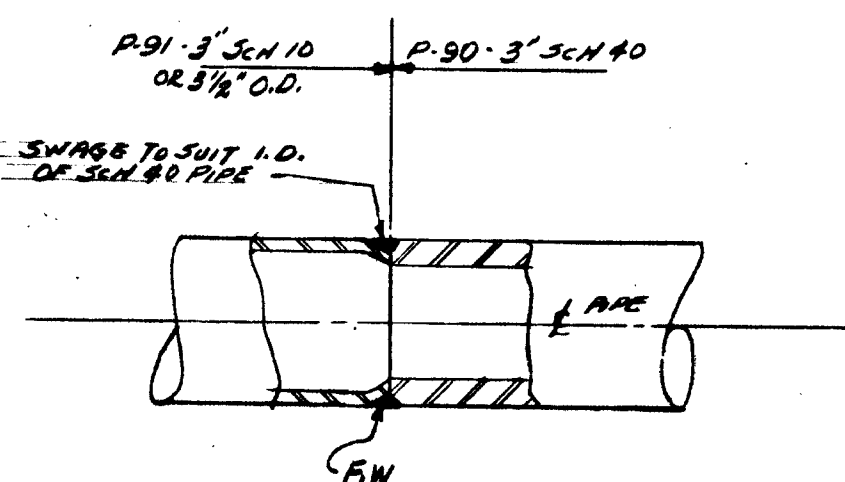
NO SCALE
FOR U16, SEE H-2-32708;
FOR U17, SEE H-2-33469



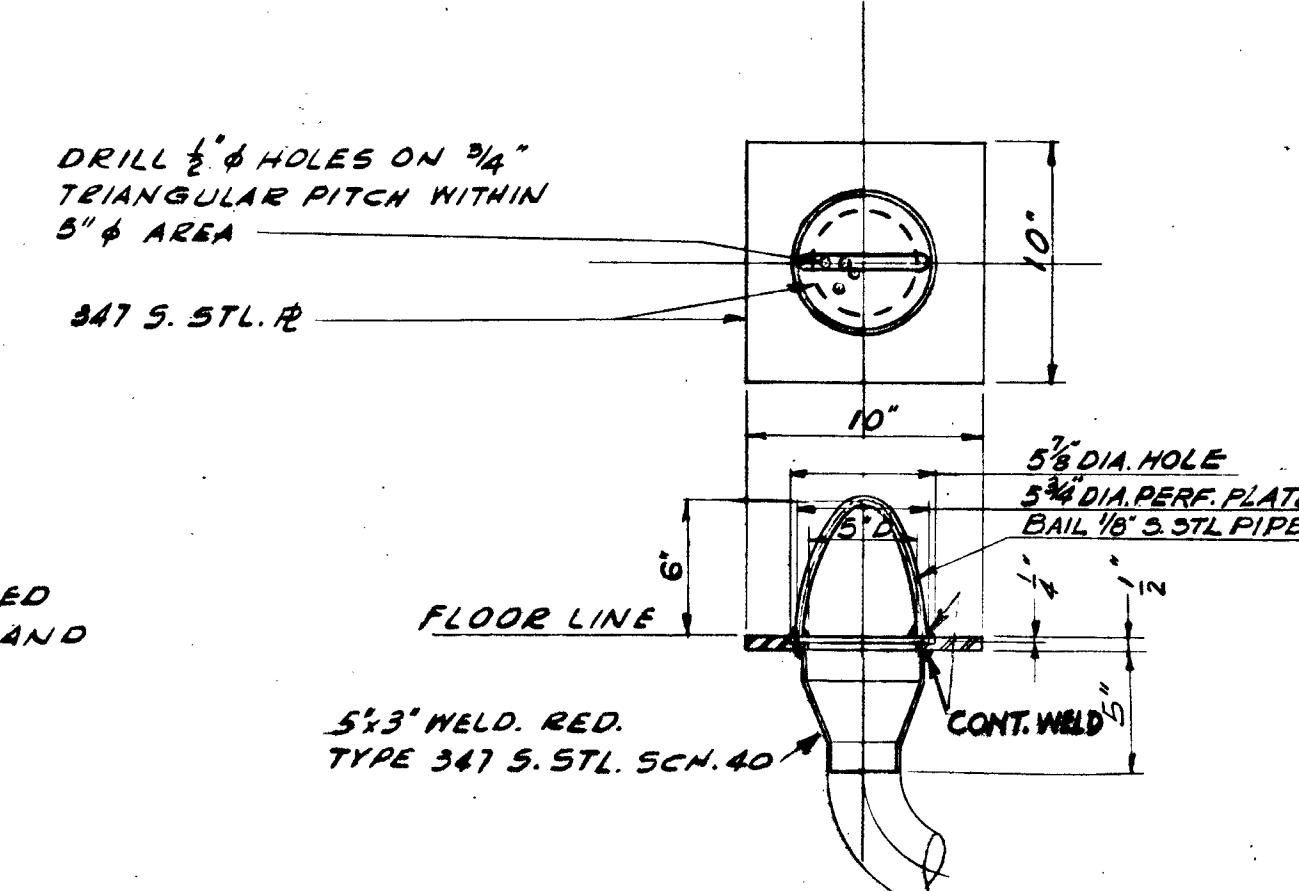
DETAIL "G"
NO SCALE



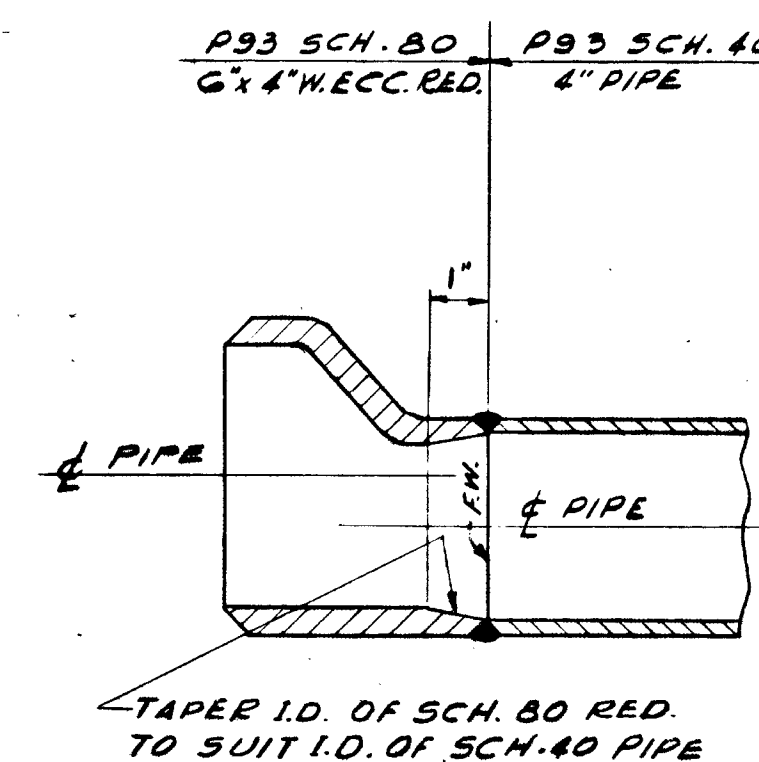
DETAIL "K"
TYPICAL
NO SCALE



DETAIL "L"



FLOOR DRAIN DETAIL
SCALE: 1/2" = 1'-0"



DETAIL "H"
TYPICAL
NO SCALE

NOTE:
FOR GENL. NOTES & REF. DRAWINGS SEE DWG.#H-2-41539

[illegible]

SCALE: $\frac{1}{2}'' = 1'-0''$ & AS NOTED		APPROVALS		
		BY	DEPT.	DATE
DRAWN BY	<i>A.L.P.</i>	<i>G.I. Stuber</i>	<i>Kx.</i>	<i>1-12-51</i>
DATE	<i>12/10/50</i>	<i>2447</i>		
CHECKED BY	<i>40 Jue</i>	<i>G.I. Hunsaker</i>	<i>CSX</i>	<i>1-12-51</i>
DATE	<i>1-12-51</i>	<i>7 M. Hunsley</i>	<i>Dac</i>	<i>1-12-51</i>
APPROVED BY	<i>Bo</i>			
ENG. PROJ. NO.				
RECORD NO. G-362				

GENERAL ELECTRIC CO.
8404 HANFORD WORKS 

THE KELLEX CORPORATION

COPY	JOB 15	KLX. NO. E15-M39-435	A
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TITLE	PIPING ARRANGEMENT 241-CR-15
	MASTER DIVERGION BOX- SECTIONS

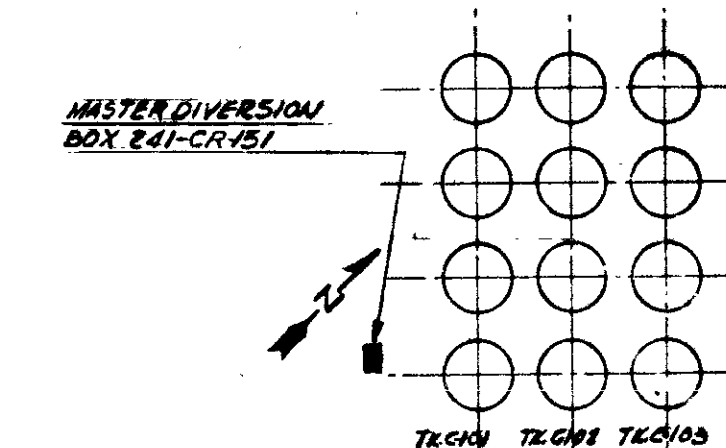
BLDG. NO'S	241-CR	DWG. NO.	H-2-41538
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[illegible]



- 1- ALL PIPING MATERIAL TO BE IN ACCORDANCE WITH SPEC. HW-4314 REV.2 (CODES AS NOTED) WITH THE FOLLOWING EXCEPTIONS:
- (a) PIPING DESIGNATED AS 3" 30D-PSI SHALL BE "RIGID TUBING, FITTINGS FOR SAME SHALL BE STD. SCH40S 45 CALLED FOR IN CODE PSI
- (b) SCH.40 PIPE SHALL BE SUBSTITUTED FOR SCH.40 PIPE WHERE CALLED FOR ON DWS. FOR CODE PSI
- 2- ALL CARBON STEEL/STAINLESS STEEL PIPE BURIED UNDERGROUND SHALL BE GROUND/RAPRAID TWO COATS OF EPI-POLYESTER CORROSION RESISTANT PAINT AND A DOUBLE WRAPPING OF THE PAPER
- 3- ALL CARBON STEEL BURIED UNDERGROUND & ABOVE GROUND SHALL RECEIVE ONE COAT OF RED LEAD IN OIL IN ACCORDANCE WITH SPEC. 490-49, REV. #2
- 4- ALL EXPOSED CARBON STEEL PIPE SUPPORTS FABRIC BOARD SHALL RECEIVE ONE COAT OF EXTERIOR GERRY PAINT, IN ACCORDANCE WITH SPEC. HW-4304, REV. #2
- 5- ALL WELDING, GAP SEPARATION, FUDGE REPREPARATION SHALL BE DONE IN ACCORDANCE WITH SPEC. HW-4314, REV. #1. INERT GAS SHIELDED ARC PROCESS SHALL BE USED FOR STAINLESS STEEL PIPE
- 6- COATING OF ALL EXPOSED CARBON STEEL IN FITS & PIPE ENCHANCEMENTS SHALL BE IN ACCORDANCE WITH SPEC. HW-4609
- 7- SPECIAL SEQUENCE OF FABRICATION, ERECTION, TESTING & CLEANING OF P90 & P93 PIPING SHALL BE IN ACCORDANCE WITH SPEC. HW-4602 & 4607
- 8- ALL BENDS SHALL BE G.NOM. PIPE DIA. RADIUS EXCEPT WHERE NOTED
- 9- ALL 30" WELDS ARE TO BE LONG RADIUS TYPE
- 10- FABRICATION, ERECTION, CLEANING & TESTING SHALL BE IN ACCORDANCE WITH THE FOLLOWING SCHEDULE SUPPLEMENT:
- | | P12 | P101&P93 | P90 |
|-------------|-----------------|----------------|----------------|
| FABRICATION | HW-4314 REV. #2 | HW-4602 & 4607 | HW-4602 & 4607 |
| ERECTION | " | " | " |
| CLEANING | " | SUPERTONING | " |
| TESTING | " | " | " |
- 11- FOR PAINTING OF SAE CONNECTOR NOZZLE IDENTIFICATION SHALL BE IN ACCORDANCE WITH SPEC. HW-4314 REV.2

LEGEND:
L-1, L-2, U-1, U-2, ETC. ARE DIVERSION BOX
CONNECTOR NUMBERS



NONE
John C. ...

(CONT'D. AT LEFT)									
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REVISIONS				APPROVALS		
SCALE: $\frac{1}{2}'' = 1'-0''$						
		BY	DEPT.	DATE		
DRAWN BY	A.L.P.	DATE	11/18/51	G.I. Thompson	KX.	1-12-51
CHECKED BY	J.B. Zuc	DATE	11/18/51	J.B. Zuc	KX	1-12-51
APPROVED BY	MK	DATE	1-12-51	PH. M. ...	J.C.	1-12-51

ENG. REP. NO.			
PROJECT NO. C-362			

8404 GENERAL ELECTRIC CO.
HANFORD WORKS

THE KELLEX CORPORATION

COPY	JOB 15	KLX. NO. E15-M39-436	A
TITLE PIPING ARRANGEMENT-MASTER DIV.			

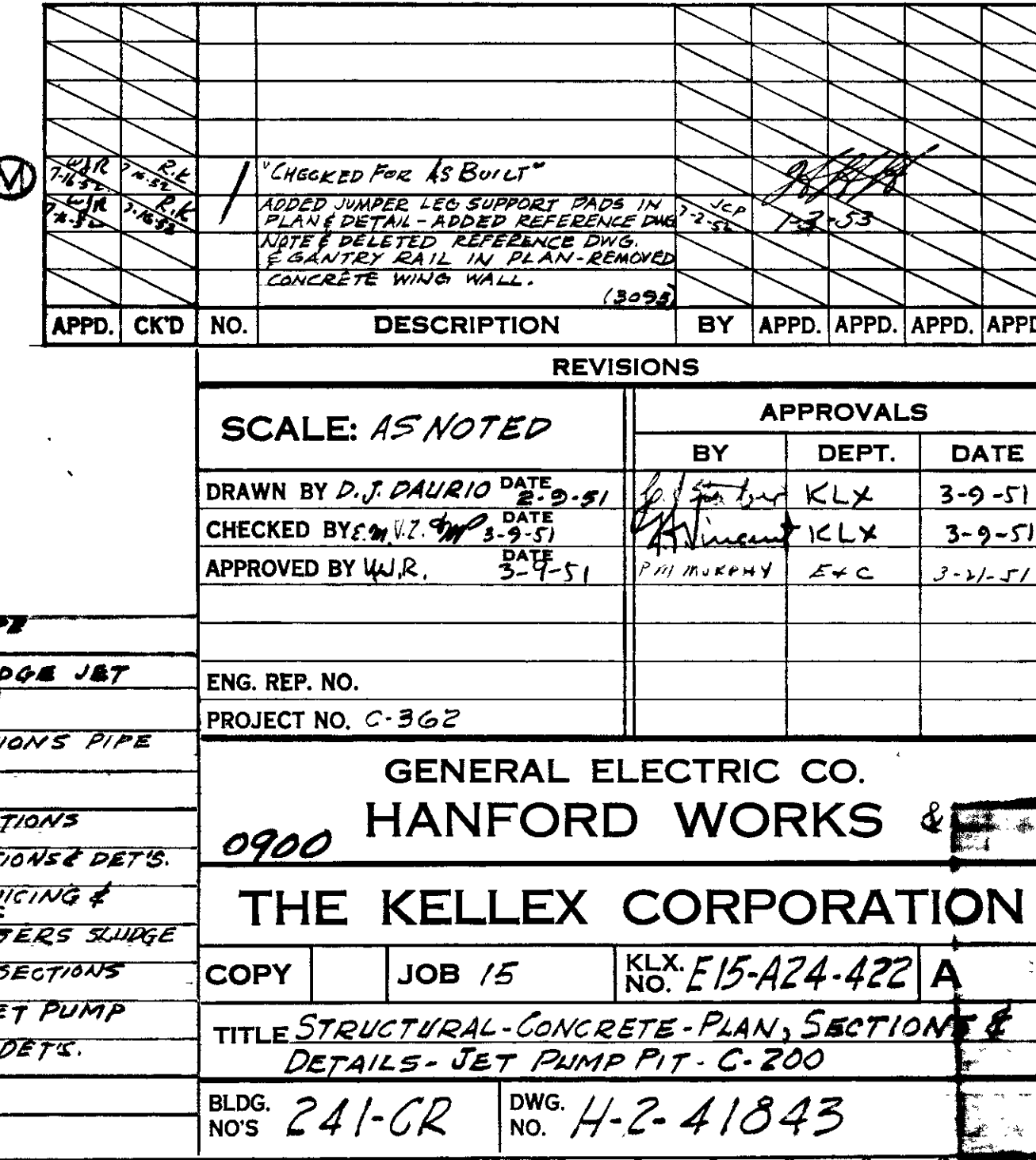
TITLE BOX 241-CR-151-PLAN & ELEVATIONS	
BLDG. NO'S 241-CR	DWG. NO. H-2-41539

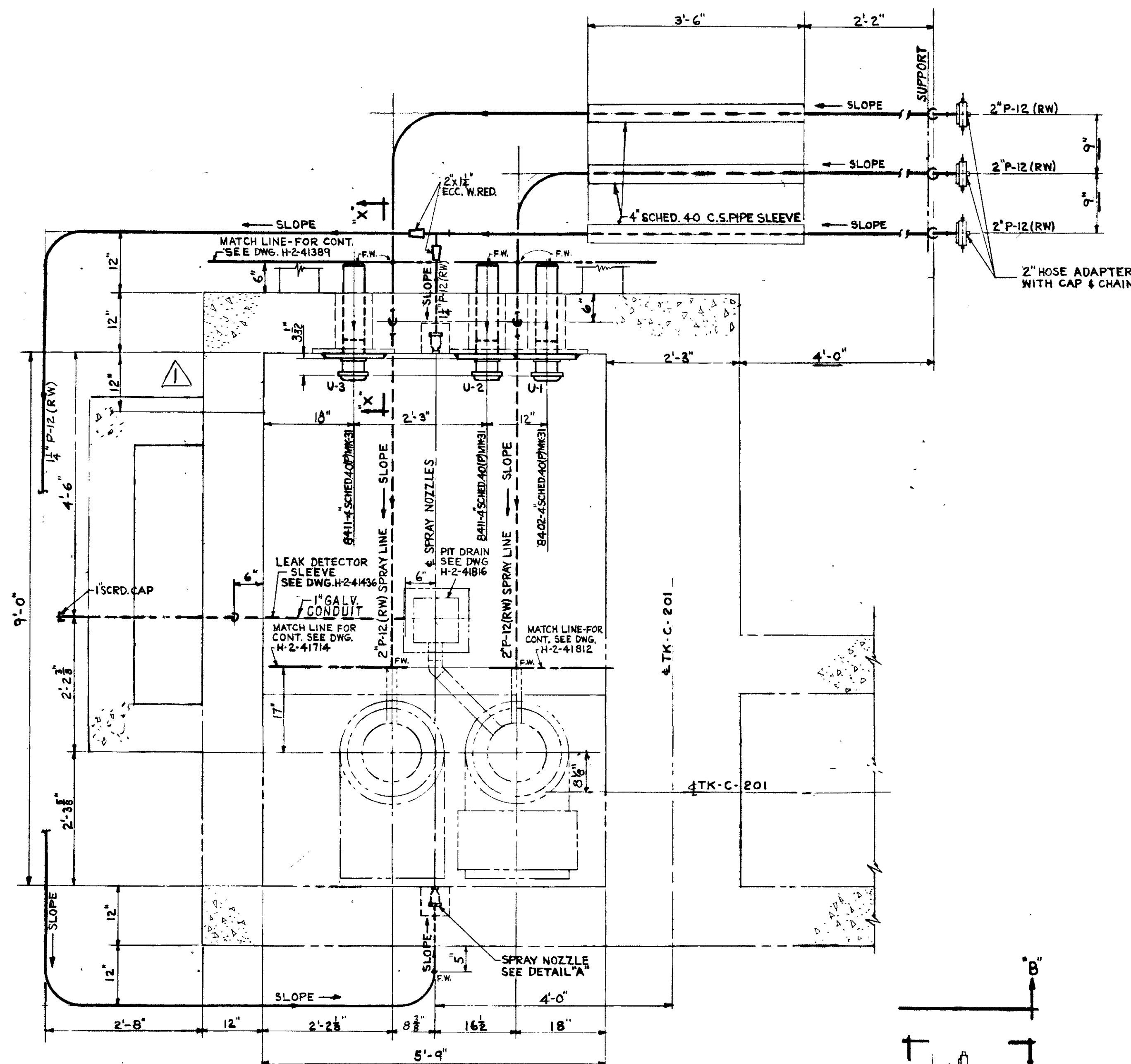
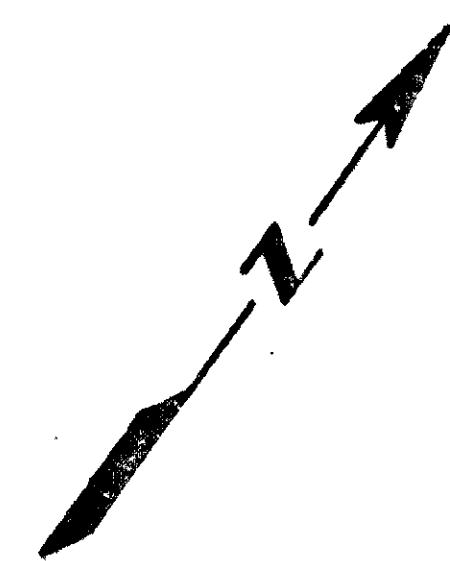
7	FCN 20867 ADDED U16, U17, L8, L9	#10-71	ccB 124
6	ADDED GEN. NOTE #12	J.E.W. 3-30-65	124 242-65
5	REPLACED BY H-2-32708 LINE TO L-4 CUT-OFF #	846 6-11-65	124 242-65
ND	DESCRIPTION	BY	APPD
REVISIONS			

KLX. NO.	DWG. NO.	TITLE
		REFERENCE DRAWINGS
H-231087	H-243-V544-2107	PCW. LINE
H-241414	BRW-MALE CONNECTION NOZZ IDENTIFICATION	
H-241304	STRUCTURAL CONCRETE	
H-241423	BRW-MALE CONNECTION NOZZ IDENTIFICATION	
H-241409	BRW-MALE CONNECTION NOZZ IDENTIFICATION	
H-241448	BRW-MALE CONNECTION NOZZ IDENTIFICATION	
H-241415	BRW-MALE CONNECTION NOZZ IDENTIFICATION	
H-241412	BRW-MALE CONNECTION NOZZ IDENTIFICATION	

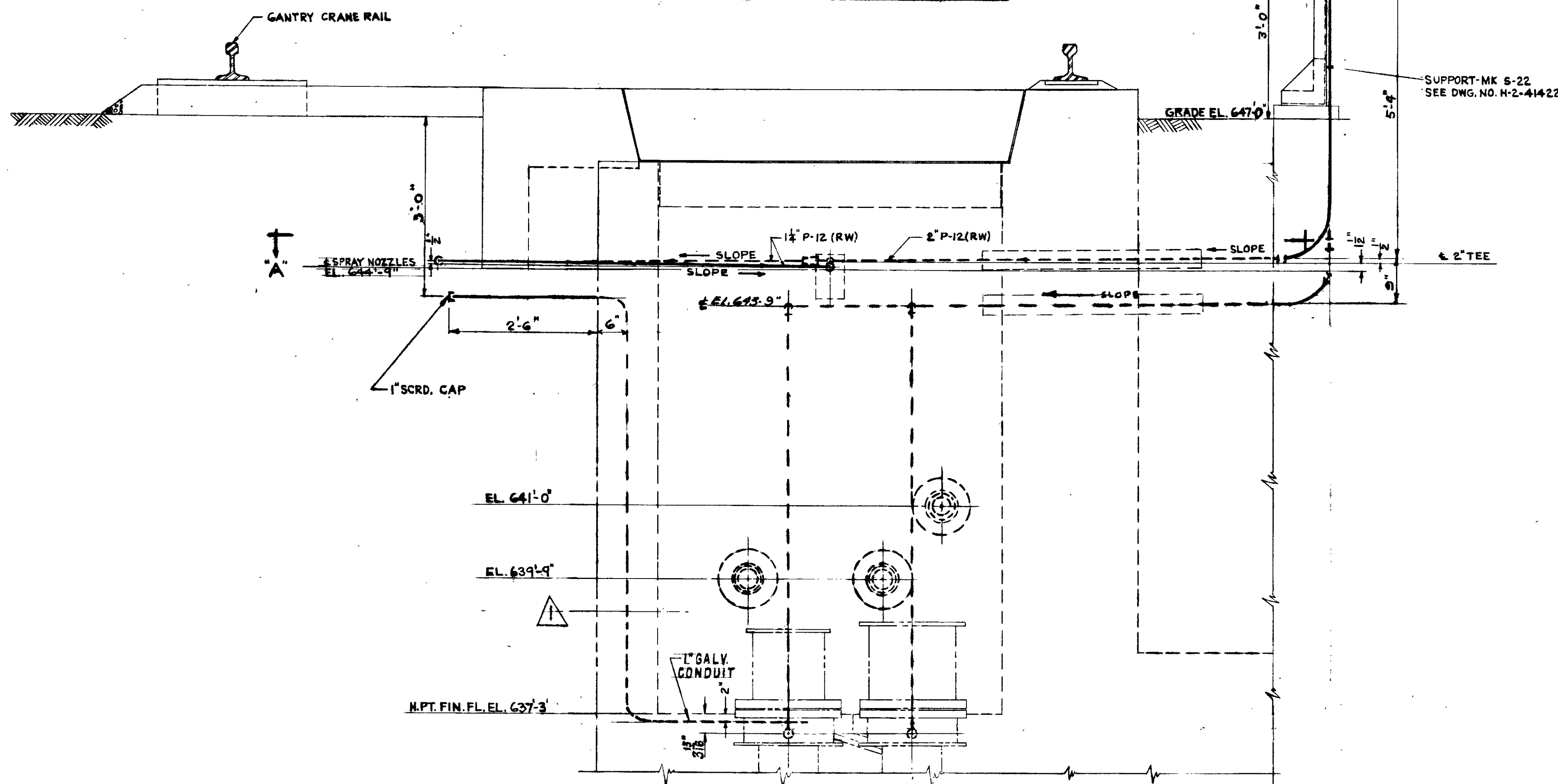
PROJECT NO. 0000	GENERAL ELECTRIC CO.		
8404	HANFORD WORKS		4
THE KELLEX CORPORATION			
COPY	JOB 15	KL# E/151139436	A
TITLE PIPING ARRANGEMENT-MASTER DIV.			
BOX 841-CAR-151-PLAN ELEVATIONS-			
BUILDING NO. 241-CR	DWG. NO. H2-41539		

E15-A24-915	H-2-61530	STRUCTURAL CONCRETE - SECTIONS & DETAILS CASCADE DIV. BOX - 241-C-155 3/4"
E15-A24-919	H-2-61506	STRUCT - CONCRETE - PLAN SECTIONS MASTER DIVISION
E15-A21-607	H-P-81387	STRUCT - PLAN & DET. GANTERY CRANE
E15-A24-917	H-2-61597	STRUCTURAL CONCRETE - PLANS AND SECTIONS - CASTER DIVISION BOX BOLTS
E15-A24-919	H-2-61530	STRUCTURAL CONCRETE - PLANS, SECTIONS & DETAILS TOPICAL
E15-A24-918	H-2-81388	STRUCTURAL CONCRETE - ANCHOR BOLT AND PIPE SLAVE SCHEDULES
KLX. NO.	DWG. NO.	TITLE

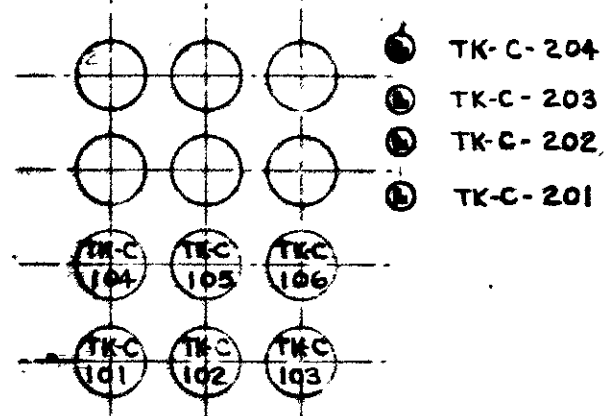




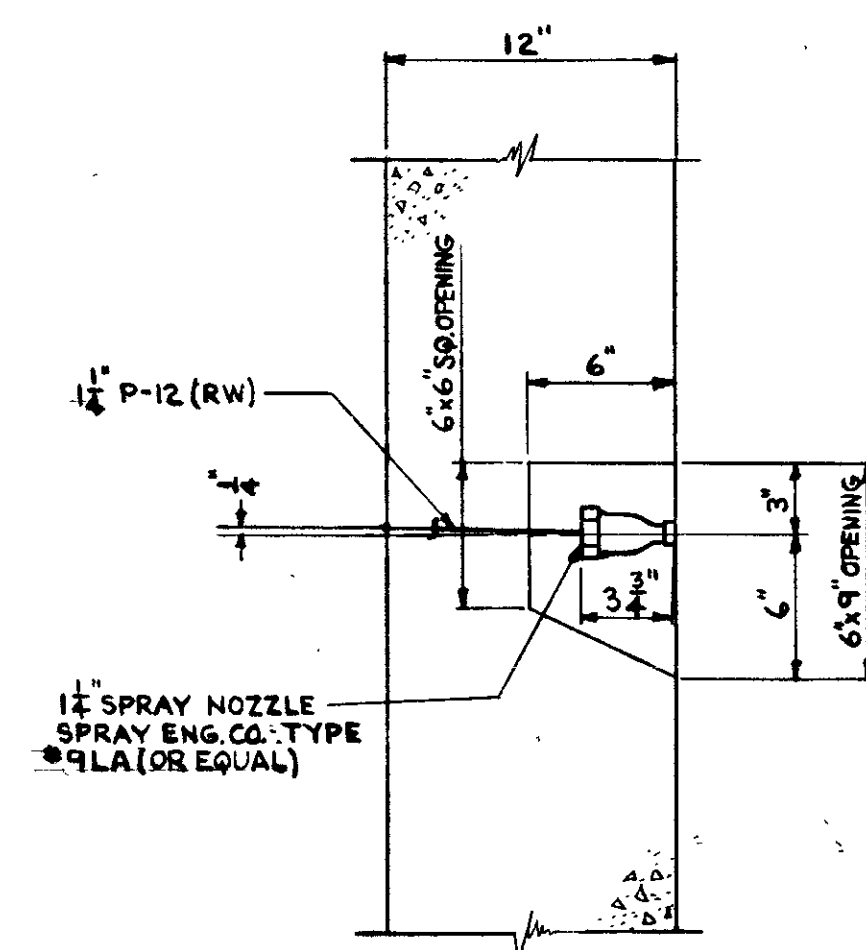
PLAN A-A
JET PUMP PIT 241-CR-201
(FOR 241-CR-202, 203 & 204 SEE LINE IDENTIFICATION TABLE)



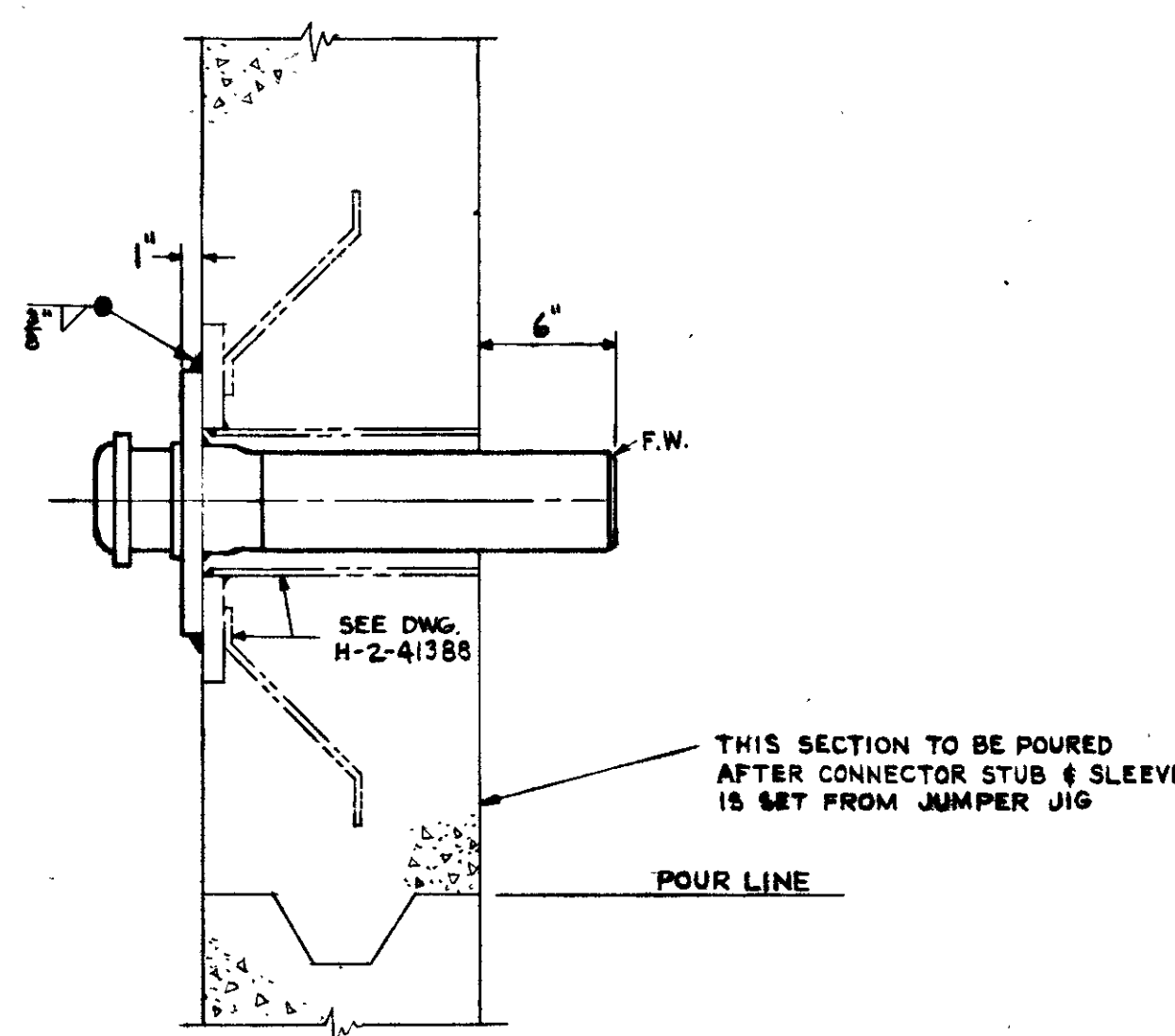
SECTION B-B



KEY PLAN



DETAIL A
TYPICAL FOR BOTH SIDES
SCALE: 1/2"=1'-0"



SECTION X-X
TYPICAL DETAIL FOR INSTALLATION
OF MALE CONNECTOR
NOT TO SCALE

LINE IDENTIFICATION TABLE			
TK-C-201	TK-C-202	TK-C-203	TK-C-204
JET PUMP PIT 241-CR-201	JET PUMP PIT 241-CR-202	JET PUMP PIT 241-CR-203	JET PUMP PIT 241-CR-204
LINE NO.	LINE NO.	LINE NO.	LINE NO.
B411-4"(P)	B415-4"(P)	B419-4"(P)	B423-4"(P)
B411-4"(P)	B415-4"(P)	B419-4"(P)	B423-4"(P)
B402-4"(P)	B404-4"(P)	B406-4"(P)	B408-4"(P)

GENERAL NOTES

- ALL LINE NOS. SHOWN ON THIS DRAWING APPLY ONLY TO TK-C-201. FOR LINE NOS. AT TK-C-202, TK-C-203 & TK-C-204, SEE LINE IDENTIFICATION TABLE.
- ALL PIPING MATERIAL SHOWN ON THIS DWG. SHALL BE IN ACCORDANCE WITH SPEC. HW-4314, REV. #2, CODE P-93, EXCEPT AS NOTED.
- ALL PIPE BEND RADII SHALL BE 5 NOMINAL PIPE DIA.
- ALL 90° WELDING ELBOWS ARE TO BE L.R. TYPE.
- FABRICATION, ERECTION, CLEANING & TESTING SHALL BE IN ACCORDANCE WITH SPEC. HW-4314, REV. #2 EXCEPT THAT P-93 PIPING SHALL BE CLEANED IN ACCORDANCE WITH THE SUPPLEMENT TO SPEC. HW-4314, REV. #2.
- SPECIAL SEQUENCE OF FABRICATION, ERECTION, TESTING AND CLEANING OF P-93 PIPING SHALL BE IN ACCORDANCE WITH SPECS. HW-4602 AND HW-4607.
- ALL WELDING, GAP SEPARATION AND EDGE PREPARATION SHALL BE IN ACCORDANCE WITH SPEC. HW-4312, REV. #1.
- COATING OF ALL EXPOSED CARBON STEEL PIPING IN PITS SHALL BE IN ACCORDANCE WITH SPEC. HW-4669.
- ALL CARBON STEEL PIPE BURIED UNDERGROUND SHALL RECEIVE ONE COAT OF RED LEAD IN OIL IN ACCORDANCE WITH SPEC. HW-4304, REV. #2, PLUS A FINAL 2 COATS OF BITUMASTIC CORROSION RESISTANT PAINT AND A DOUBLE WRAPPING OF TAR PAPER.
- FOR PAINTING OF MALE CONNECTOR IDENTIFICATION SEE DWG. H-2-41648.
- ALL EXPOSED CARBON STEEL PIPE & SUPPORT ABOVE GRADE TO BE PAINTED A FINAL COAT OF EXTERIOR GRAY IN ACCORDANCE WITH SPEC. HW-4304, REV. #2.

LEGEND

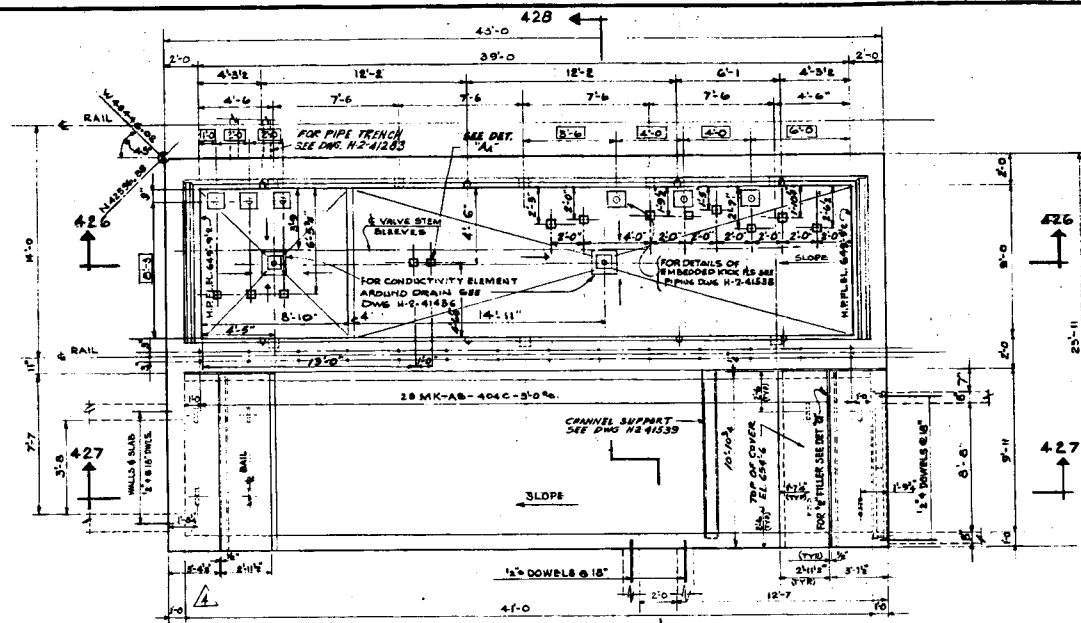
U-1, U-2 & U-3 ARE JET PUMP PIT CONNECTOR NUMBERS

AS OF SEPT. 1, 1951 THE NAME OF THE KELLEX CORPORATION IS CHANGED TO VITRO CORPORATION OF AMERICA

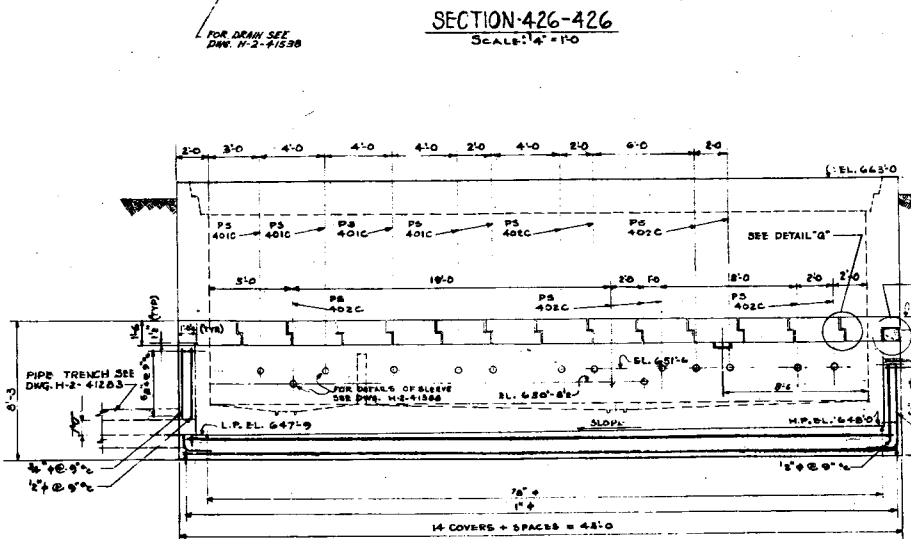
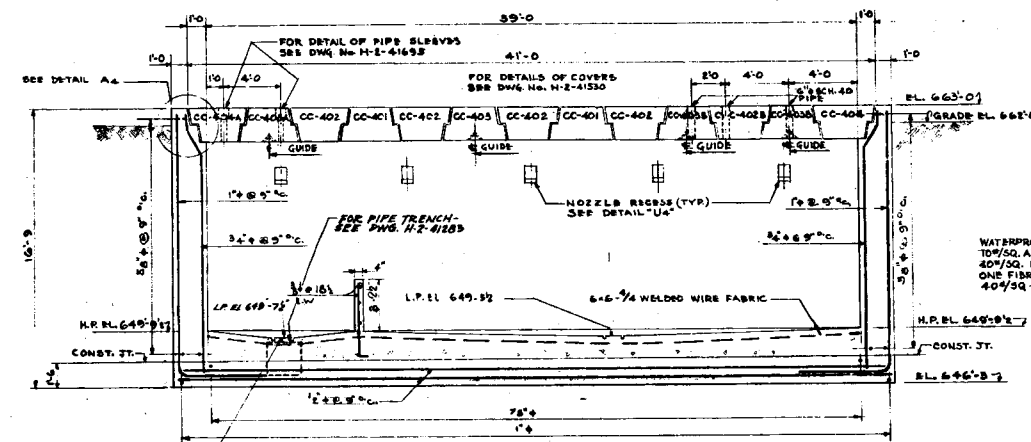
CHECKED FOR AS BUILT		REVISIONS	
APPD. CKD NO.	DESCRIPTION	BY	APPD. APPD. APPD. APPD.
SCALE: 3/4"=1'-0"		APPROVALS	
DRAWN BY DELEEUW		DATE	DEPT. DATE
CHECKED BY		DATE	DEPT. DATE
APPROVED BY		DATE	DEPT. DATE
ENG. REP. NO.		PROJECT NO. C-362	
GENERAL ELECTRIC CO. HANFORD WORKS & THE KELLEX CORPORATION			
COPY	JOB 15	No. E15-M39-465 A	
TITLE		PIPING-PLAN & SECTION	
JET PUMP PIT C-200 TANKS		DWG. NO. H-2-41849	
BUDG. NO. 241-CR		NO. H-2-41849	

RECLASSIFIED BY NONE

NO.	DESCRIPTION	TITLE
E15-A24-422	H-2-41843	STRUCTURAL-CONCRETE-PLAN, SECTIONS & DETAILS
E15-O51-403	H-2-41436	JET JUMPER PIT C-200
E15-A24-413	H-2-41388	PIPE FABRICATION & INSTALLATION DETAILS
E15-M39-427	H-2-41422	PIPE SLEEVE CONCRETE - ANCHOR BOLTS & SLIDING NOZZLE
E15-M39-428	H-2-41423	PIPING-DETAILS-SUPPORTS & ANCHORS - CASCADE PITS, DIVERSION BOXES - PROC. TK VAULT-SH-ET
E15-M38-404	H-2-41648	PIPING-DETAILS-STUB ENDS
E15-M39-421	H-2-41389	PIPING-PLAN-UNDERGROUND PROCESS-200TK SERIES
E15-J3-491	H-2-41714	MECH. EQUIP. ASSY. & PLAN - SECTION
E15-J6-419	H-2-41812	MECH. EQUIP. ASSY. SLUDGE JET
E15-J6-423	H-2-41816	MECH. EQUIP. DETAILS - JET RISERS - SLUDGE JET & SLIDING NOZZLES
KLX. NO.	DWG. NO.	TITLE
		REFERENCE DRAWINGS



NOTE: FOR PIPE ARMOR, 1 SETTING OF RICK PLATES, ETC. SEE MECH SECTION SPEC. HW-4607



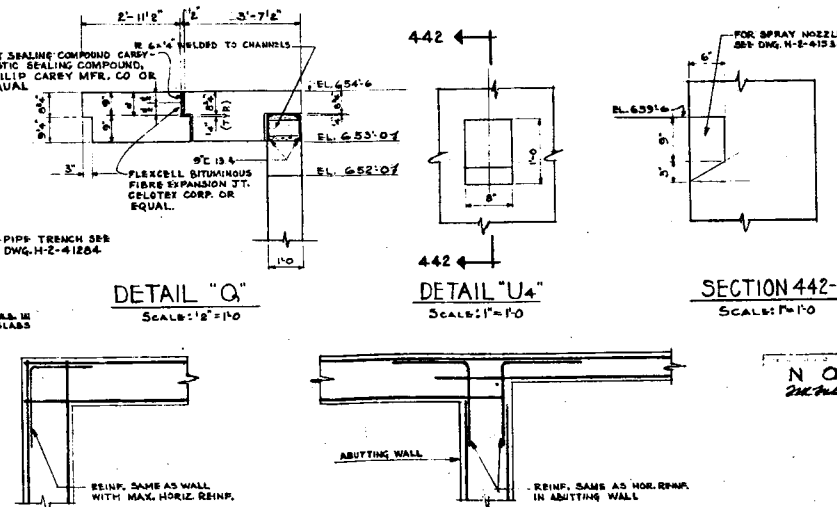
SECTION 427-427
Scale: 1" = 1'-0"

DETAIL-A4
Scale: 1" = 1'-0"

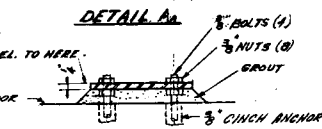
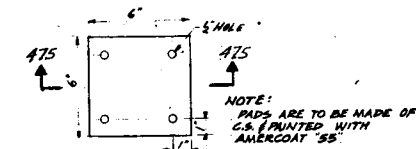
DETAIL-B4
Scale: 1" = 1'-0"

DETAIL-C4
Scale: 1" = 1'-0"

SECTION 428-428
Scale: 1" = 1'-0"



TYPICAL CORNER DETAIL
NOT TO SCALE



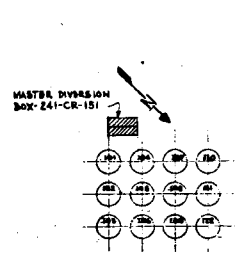
NOTE: USE 3" ST. PADS UNDER ST. JTS. JUMPERS & CORNER ST. UNDER ALL OTHERS. AMERCOAT (SS) ALL PADE AFTER SETTING OF PAD. WELD BOTTOM NUT TO BOTTOM SIDE OF PAD & CUT OFF NUTS & BOLTS FLUSH WITH TOP OF PAD

GENERAL NOTES

1. ALL DIMENSIONS & ELEVATIONS MARKED THUS [] ARE APPROXIMATE AND ARE TO BE LOCATED IN THE FIELD BY THE FIELD FOR MOCK UP PURPOSES. FOR AS BUILT LOCATION OF CONNECTOR NOZZLES SEE AS-BUILT MECH DWGS.
2. FOR DETAILS OF ANCHOR BOLTS & PIPE SLEEVES, SEE DWG. H-2-41385
3. BAR SPACING MAY BE VARIED IN THE FIELD AS APPROVED BY THE ENGINEER TO AVOID INTERFERENCE. FIELD DRAPING OF BARS PERMITTED ONLY WITH APPROVAL OF THE ENGINEER.
4. CONCRETE SHALL BE FURNISHED IN ACCORDANCE WITH SPEC. HW-4585 WITH $f_c = 3000 \text{ psi}$
5. FOR REINFORCING STEEL SUBSTITUTIONS SEE CONSTRUCTION CONTRACTORS PLACING DWGS.
6. SEE H-2-33708 & H-2-33469 FOR ADD'L NOZZLES U16, U17, L8 & L9.

SPECIFICATIONS

1. SITE PREPARATION, EXCAVATION & BACKFILL FOR STRUCTURES - HW 4800, REV. 1
2. REINFORCING STEEL FOR CONCRETE - HW 4801, REV. 1
3. PLAIN & REINFORCED CONCRETE - HW 4802, REV. 1
4. MECHANICAL ERECTION SPECIFICATIONS HW-4607
5. CELL LININGS & SPECIAL PROTECTIVE COATING HW-4609, REF. 1.



NO.	DESCRIPTION	DATE	BY	APP'D.
1	ADD NOTE 6	2/25/51	KLX	
2	CHECKED FOR 'AS BUILT'	2/25/51	KLX	
3	FOR DETAILS OF ANCHOR BOLTS & PIPE SLEEVES, SEE DWG. H-2-41385	2/25/51	KLX	
4	FOR DETAILS OF ANCHOR BOLTS & PIPE SLEEVES, SEE DWG. H-2-41385	2/25/51	KLX	
5	FOR DETAILS OF ANCHOR BOLTS & PIPE SLEEVES, SEE DWG. H-2-41385	2/25/51	KLX	

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4	FOR DETAILS OF ANCHOR BOLTS & PIPE SLEEVES, SEE DWG. H-2-41385	2/25/51	KLX	
5	FOR DETAILS OF ANCHOR BOLTS & PIPE SLEEVES, SEE DWG. H-2-41385	2/25/51	KLX	

APPROVALS

BY	DEPT.	DATE
KLX		2-25-51
KLX		2-25-51

GENERAL ELECTRIC CO.

0403 HANFORD WORKS

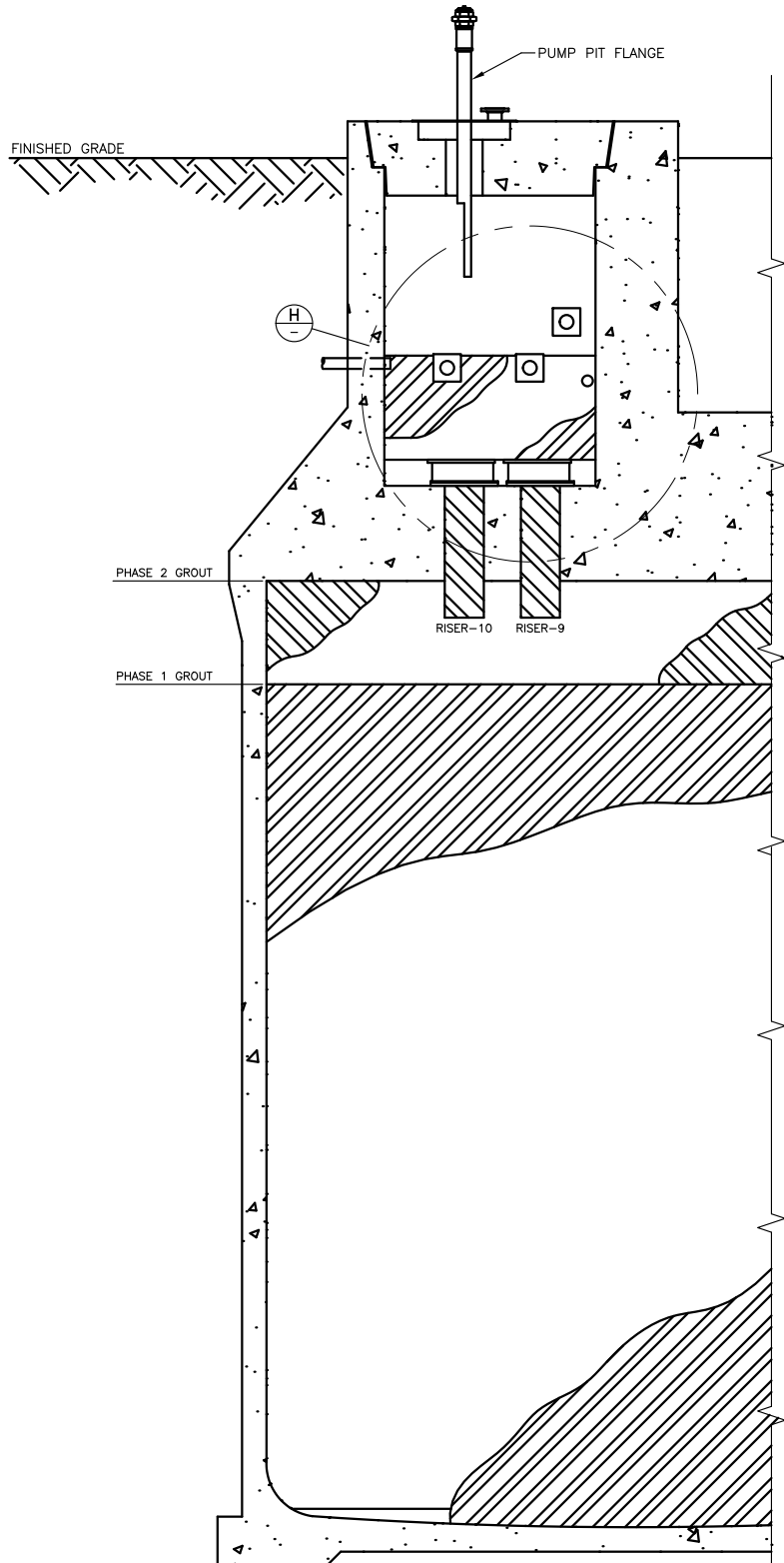
THE KELLEX CORPORATION

COPY JOB 15 NO. E15-A24-429 A

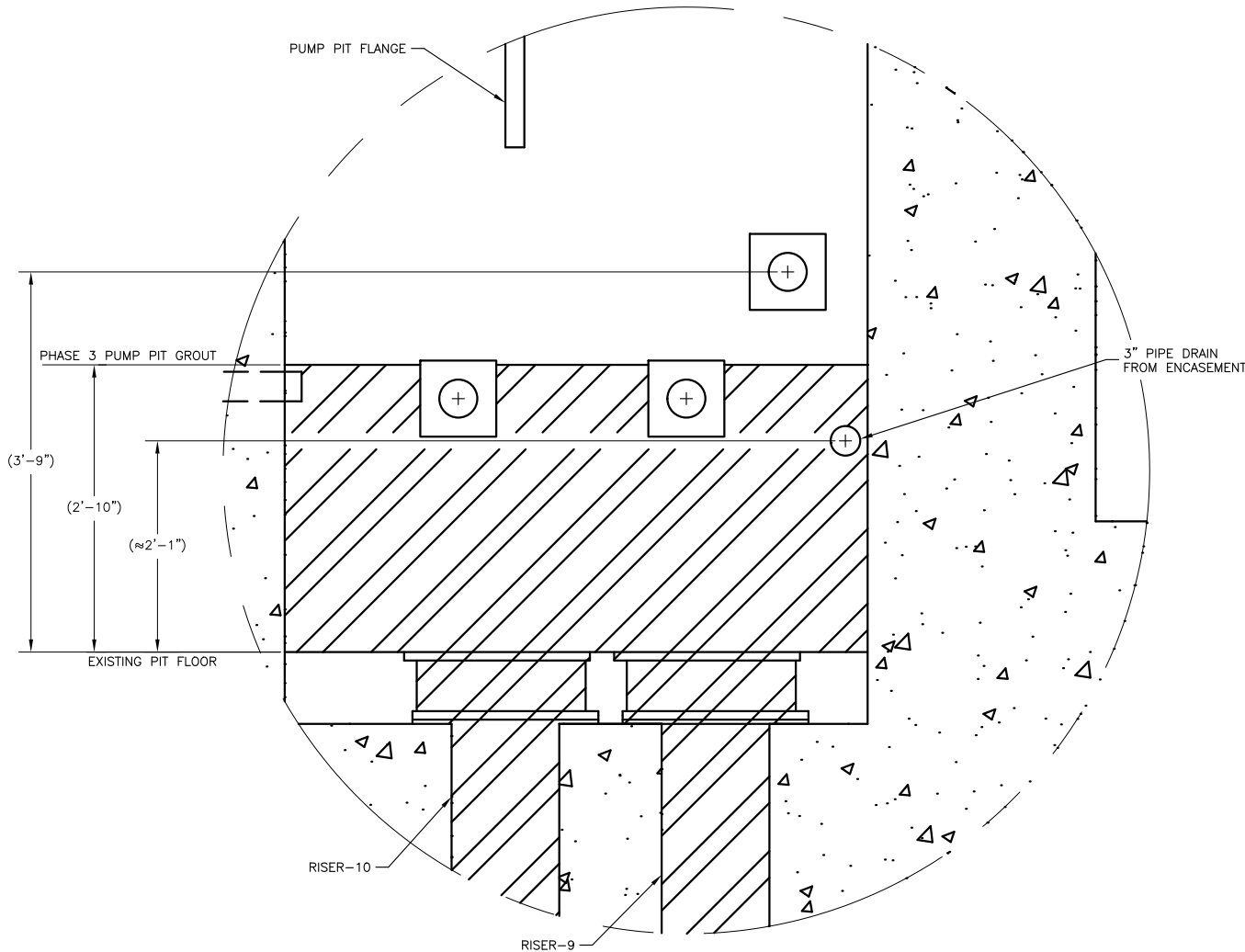
TITLE STRUCTURAL CONCRETE-PLANS-SECTIONS

MASTER DIVERSION BOX 241-CR-151

BLDG. NO. 241-CR Dwg. NO. H-2-41904



F SECTION
1 SCALE: 1/24



H SECTION
SCALE: 1/8

DATE:
Oct 29, 2018

**HANFORD
RELEASE**

DWG NUMBER		TITLE		REF NUMBER	TITLE	REV NO.	DESCRIPTION	INDEX NO.	0402	BLDG. NO. 241-C-201		CAUTION NOT COMPLETE WITHOUT CURRENT CHANGE DOCUMENTS FROM DATABASE		ATTENTION DESTROY THIS DOCUMENT BY SHREDDING MAY CONTAIN SENSITIVE INFORMATION	
DRAWING TRACEABILITY LIST		REFERENCES		NEXT USED ON H-14-111203		EDT-851845		DRAWN BY J. T. FOSS P. M. MCELROY		U.S. DEPARTMENT OF ENERGY Office of River Protection		C-201 TANK CLOSURE GROUT PLACEMENT PHASE 3		SHEET 2	
DRAWING TRACEABILITY LIST		REFERENCES		NEXT USED ON H-14-111203		EDT-851845		DESIGN AUTHORITY J. R. BUCHANAN		SCALE AS SHOWN		F H-14-111219		REV 00	
DRAWING TRACEABILITY LIST		REFERENCES		NEXT USED ON H-14-111203		EDT-851845		SCALE AS SHOWN		12759		DOE-TL-FZWS (NOV 2015)			