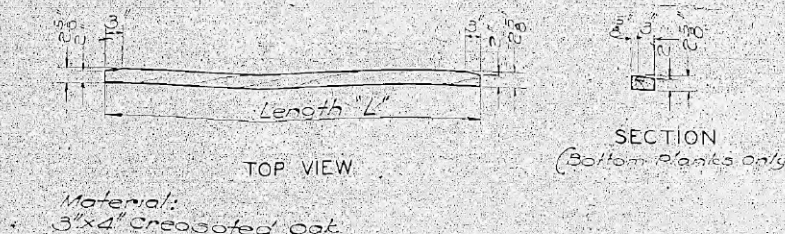
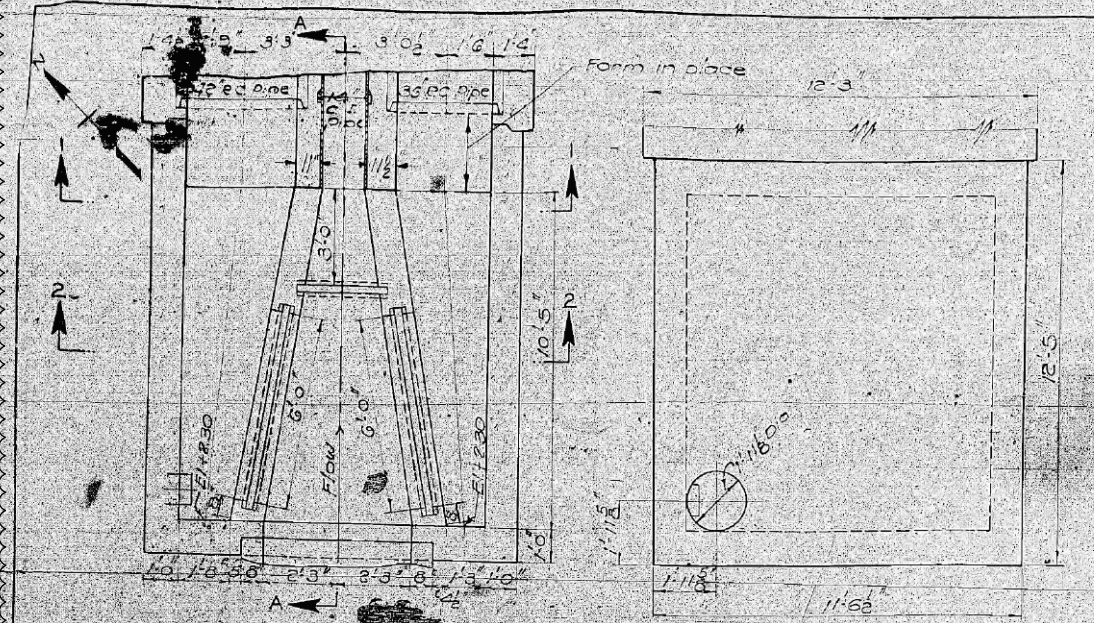
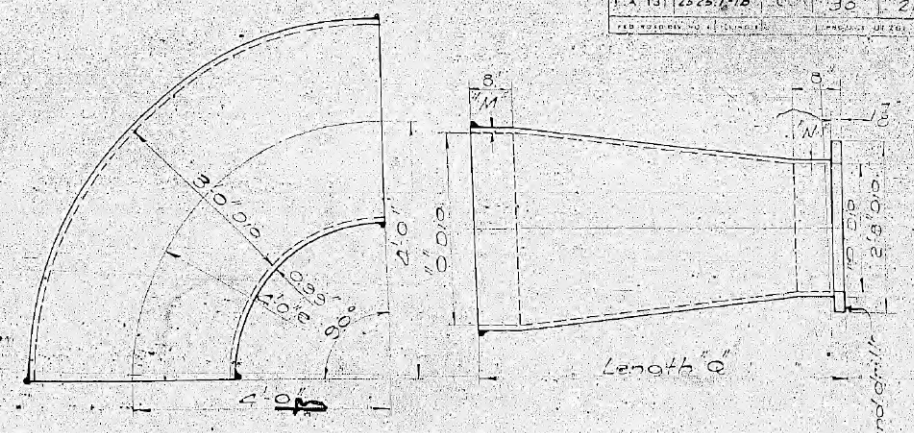


PROJECT NO.	SECTION	DATE	SHEET
F.A. 131 2525.1-1B	2013-011R	30	21



Material: 3"x4" creosoted oak

Required	Length	Junction Chamber	Bottom Planks
12	1'3"	Outlet	1'3"
12	2'9"	Inlet	2'9"
12	2'9"	Outlet	2'9"
12	3'3"	Outlet	3'3"
10	6'3"	Inlet Weirs	2'6'3"

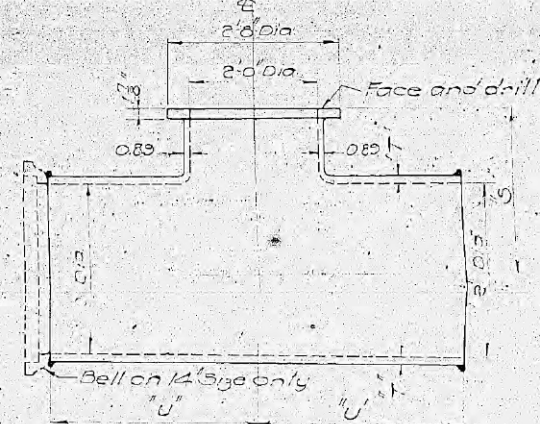
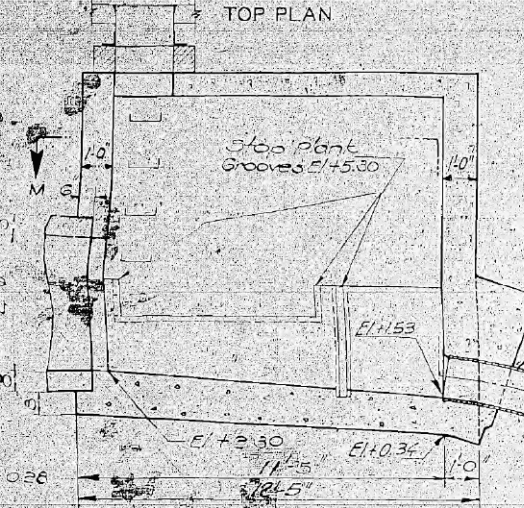
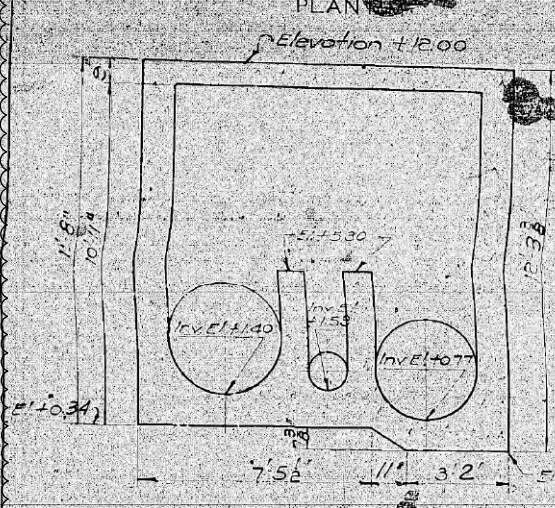


STOP PLANKS
Scale: 3/4" = 1'-0"
Item 21

36 S & S 1/4 BEND
1 Required
Scale: 3/4" = 1'-0"
Item 16
Cast Iron

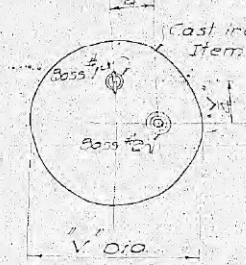
Required	M	N	O	P	Q
1	10	0.75	3.6	3.0	5.1
1	0.99	0.75	3.0	2.5	2.16

S & F REDUCER
Scale: 3/4" = 1'-0"
Item 16
Cast Iron



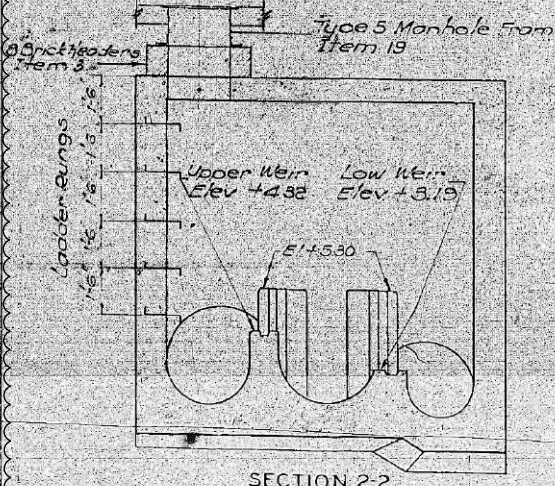
Required	R	S	T	U
1	14	2.1	0.88	2.3
1	36	3.0	0.99	3.2
1	22	3.3	1.0	3.2

TEE
Scale: 3/4" = 1'-0"
Item 16
Cast Iron



Required	V	W	Volume Dose 3/8"	Dia 5/16 Circle	40 30.75	0.12 1.1"	0.12 0.12	0.12 0.12
1	1.9	1.8	14	1.62	12	1"	46	46
2	2.0	1.8	24	3.52	20	1.5"	56	56
3*	2.0	1.8	24	2.52	20	1.2"	56	56

BLIND FLANGE
Brass bushings and plugs and steel pull-out rings included under Item 16



Reinforcement Steel
 Roof Slab Bottom face 1/4" bars both ways spacing in middle half strips 7" & spacing in outer quarter strips 14"
 Top Face For negative moments provide short bars bent down into outer faces of walls spacing same as bottom bars
 Walls 1/2" bars 18" both ways and both faces with continuity in outside faces at corners some extra vertical bars required in lower portion of outer faces
 Floor Slab Outside vertical wall bars 18" to be bent into floor slab bottom top of floor slab (invert) 1/2" bars 18" both ways
 Stop Plank Face 1/2" vertical bars anchored in floor 1/2"

For complete reinforcement details see Sheet 28
Class X Concrete Item 3

INLET JUNCTION CHAMBER
Scale: 3/4" = 1'-0"



Drawn By L.D. Weinberg
 Traced By M.C. 2003
 Checked By Geo. J. Tankersley
 Approved By [Signature]
 Subway Plan Engineer

CITY OF CHICAGO
 DEPARTMENT OF SUBWAYS AND SUPERHIGHWAYS
 WEST ROUTE SUPERHIGHWAY
 SECTION 2525.1-1B
 PEORIA STREET BRIDGE
 INLET JUNCTION CHAMBER
 SPECIAL PIPE FITTINGS

SCALE: AS NOTED
 SHEET NO. 21 OF 30 SHEETS



D:\60W29-sht-Ex-Siphon-05.dgn	DESIGNED -	REVISED -	12/18/2013
USER NAME = BAW1tor1	DRAWN - BAW	REVISED -	
PLOT SCALE = 100.0000 / 1 in.	CHECKED - JWC	REVISED -	
PLOT DATE = 12/19/2013	DATE - 10/30/2013	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

AS BUILT SIPHON PLANS		PEORIA STREET	
SCALE: NONE	SHEET 5	OF 14 SHEETS	STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	76F
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT				