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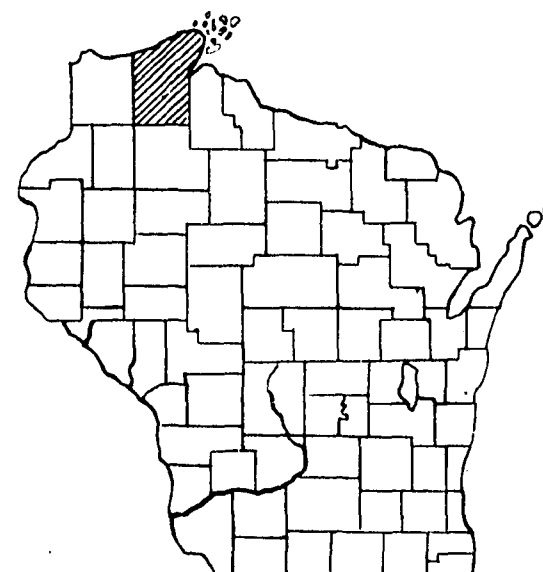
STATE OF WISCONSIN WISCONSIN HIGHWAY COMMISSION

PLAN AND PROFILE OF PROPOSED DRUMMOND — GRANDVIEW ROAD BAYFIELD COUNTY PROJECT T011-2(8)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.			

DIVISION JOB NO.

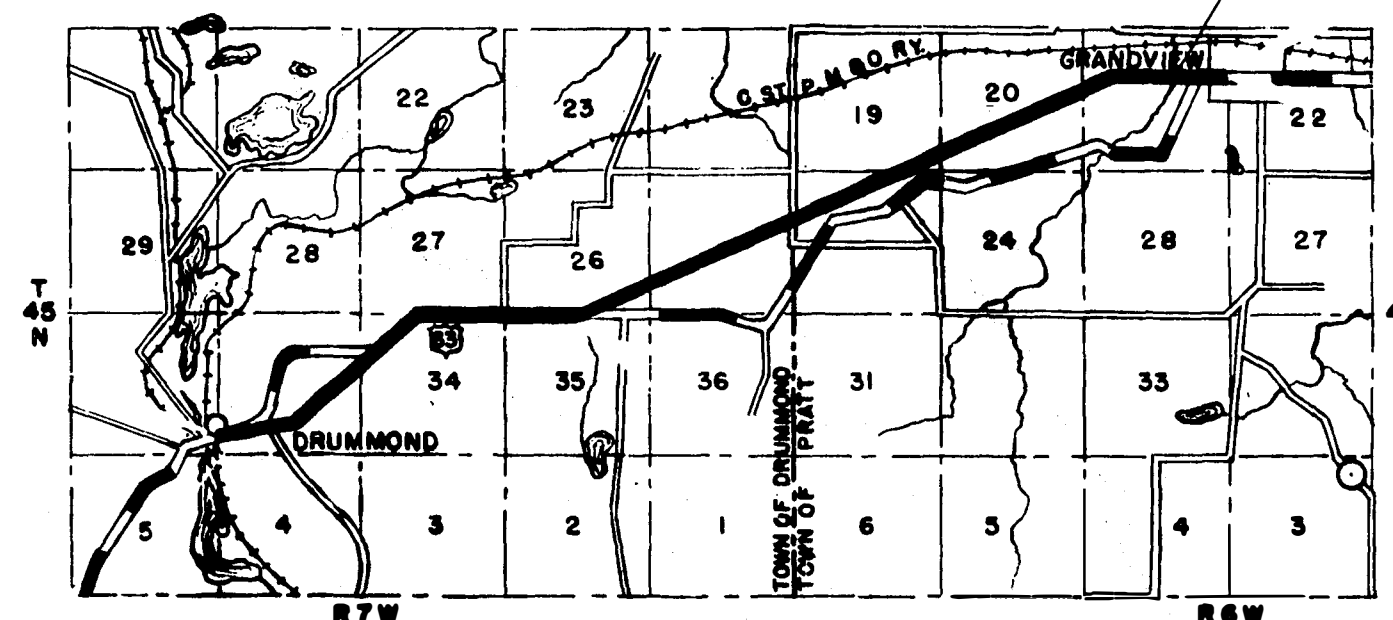
COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT	FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
4.1	11.2	21.2		1	9



USH 063

SCALES { PLAN 1 IN. = 100 FT.
PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.
CROSS SECTIONS HOR. 1 IN. = 10 FT. VERT. 1 IN. = 10 FT.

BEGINNING 390 + 68.5
END 393 + 54 PROJ. T 011-2 (8)



THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN EDITION OF 1951 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSAL.

ESTIMATE OF QUANTITIES

2106-5 UNCLASSIFIED EXCAVATION 39,100 CU. YDS.

APPLICABLE STANDARD DETAILS

CONSTRUCTION BARRICADE 7-4.1.1.

CONVENTIONAL SIGNS

STATE LINE	---	CULVERTS IN PLACE	---
COUNTY LINE	---	CULVERTS REQUIRED	---
TOWNSHIP OR RANGE LINE	---	DROP INLET	---
SECTION LINE	---	POWER POLE	---
NEW RIGHT OF WAY LINE	---	TELEPHONE OR TELEGRAPH POLE	---
PRESENT RIGHT OF WAY LINE	---	RIGHT OF WAY MARKERS	---
WIRE FENCE { WOVEN	---	REFERENCE STAKE FOR HUBS ONLY	---
{ BARBED	---	MARSH	---
LOT LINE	---	HEDGE	---
CORPORATE OR CITY LIMITS	---	TREES	---
PROPERTY LINE	---		
TRAVELED WAY OR P.E.	---		
RAILROADS	---		
BASE OR SURVEY LINE	---		

LAYOUT

SCALE 1 MILE

TOTAL NET LENGTH OF CENTERLINE .054 MI.

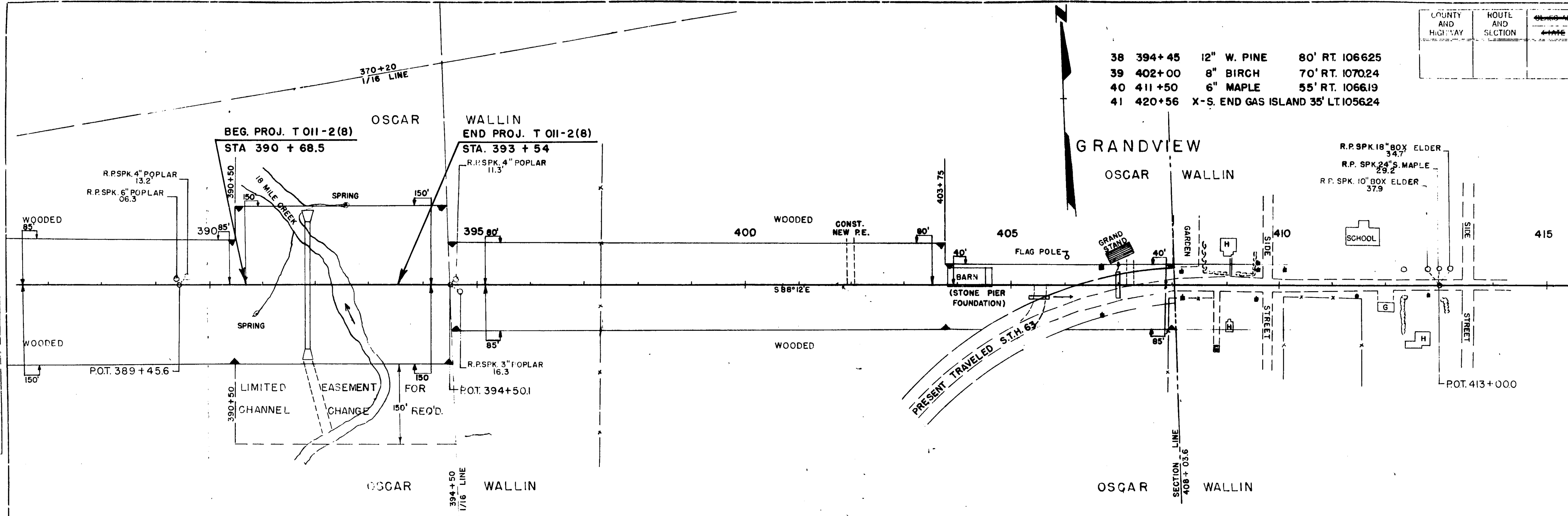
WISCONSIN HIGHWAY COMMISSION MADISON, WIS.		U.S. DEPARTMENT OF AGRICULTURE BUREAU OF PUBLIC ROADS	
Surveyor: K.O.M. Dir. Computer: D.F.B. Dir. Checker: R.D.W.	Note Book: L.H. M. O. Checker: Correct:	RECOMMENDED FOR APPROVAL: _____ DISTRICT ENGINEER _____ CHIEF ENGINEER	
CORRECT: 9/17/49 <i>[Signature]</i> DIVISION ENGINEER		APPROVED: _____ DATE: 10/1 1952 STATE HIGHWAY ENGINEER	
RECOMMENDED FOR APPROVAL:		APPROVED: _____ DATE: _____ DIRECTOR	

T011-2(8)

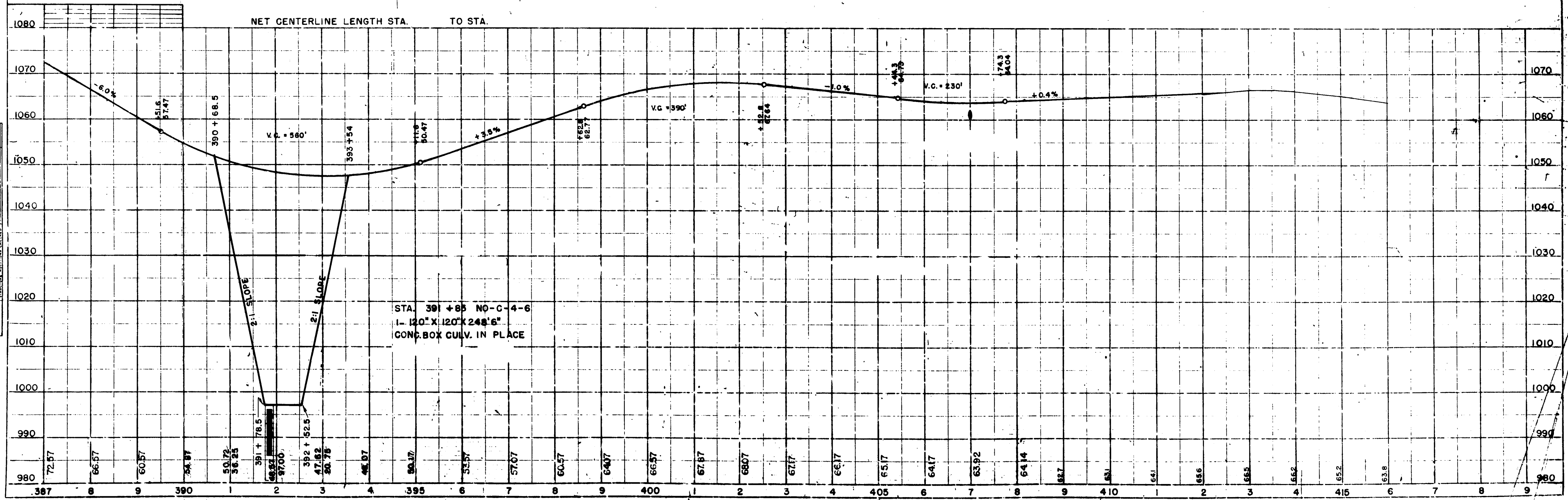
COUNTY AND HIGHWAY	ROUTE AND SECTION	DESIGN AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
			TOH-2(8)	WIS. 5N	2	9

38	394+45	12" W. PINE	80' RT. 106625
39	402+00	8" BIRCH	70' RT. 107024
40	411+50	6" MAPLE	55' RT. 106619
41	420+56	X-S. END GAS ISLAND 35' LT. 105624	

PLAN
 DRAWN BY
 CHECKED BY
 NO. 1
 NO. 2

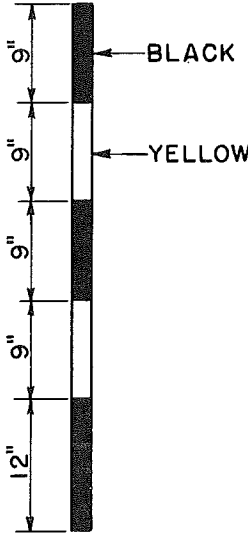
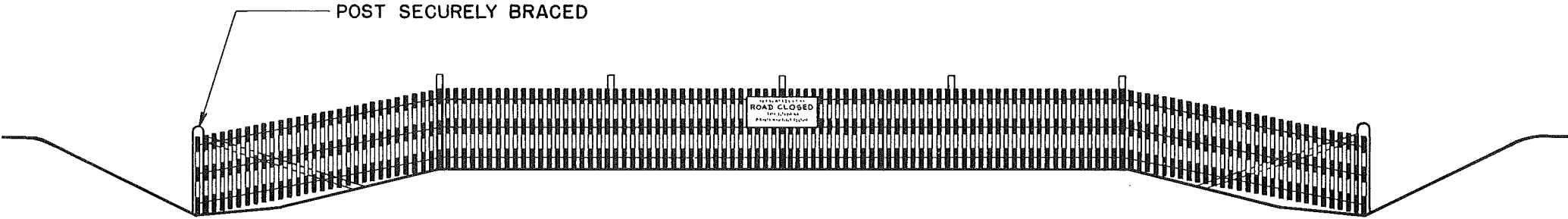


PROFILE
 DRAWN BY
 CHECKED BY
 NO. 1
 NO. 2



SECTION OF SNOW FENCE TO BE PAINTED ALTERNATELY BLACK AND YELLOW AS SHOWN BELOW.
LENGTH TO BE SUFFICIENT TO REACH FROM TOE OF THE BACKSLOPE TO TOE OF THE BACKSLOPE.
PROVIDE SUFFICIENT NUMBER OF INTERMEDIATE POSTS TO ADEQUATELY SUPPORT THE FENCE.

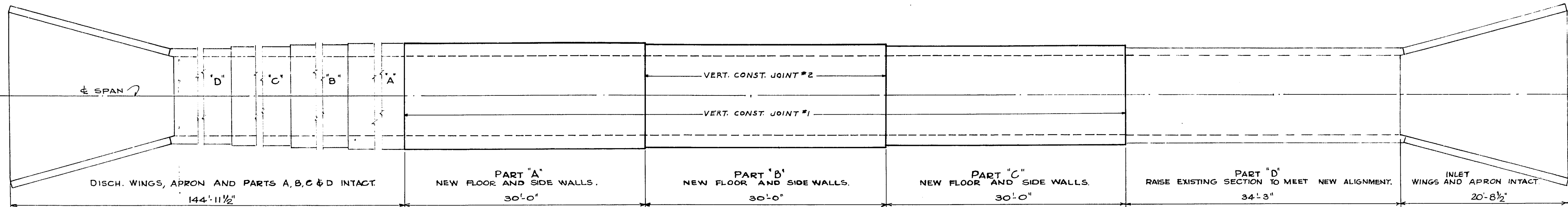
STANDARD "ROAD CLOSED" SIGN (W.H.C.- NO. R-15) TO BE ERECTED ON FENCE AT THE TOP ON
THE CENTERLINE OF ROAD. SIGN WILL BE FURNISHED BY COMMISSION.



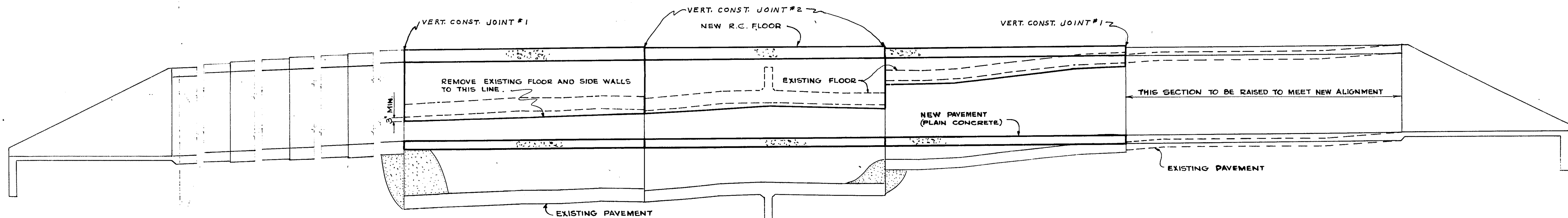
DETAIL SHOWING METHOD OF STRIPING
FOR 4' SNOW FENCE.

STANDARD
DETAIL

STATE HIGHWAY COMMISS	
CONSTRU BARRIC	
RECOMMENDED FOR APPR	
Frank DESIGN E	
M CONSTRU	
APPROVED:-	
DRAWN HM	OCT. 1, 1945
CHECKED WHG	DATE



PLAN
FOR SECTIONS THRU BARREL SEE X13533



SECTION ON ϕ OF SPAN

WORK THIS SHEET WITH X13533 AND THE ORIGINAL DRAWINGS X11962 & X11963

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
NEW REINFORCEMENT SHALL BE BONDED TO EXISTING REINFORCEMENT BY A MINIMUM LAP OF 18 DIA. OR A LAP OF 4' WITH TWO 1/4" CONT. FILLET WELDS.
NEW REINFORCEMENT SHALL BE IMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
BAR STEEL DIMENSIONS ON BENDING DETAILS APPLY ALONG ϕ OF BAR.

ESTIMATED QUANTITIES

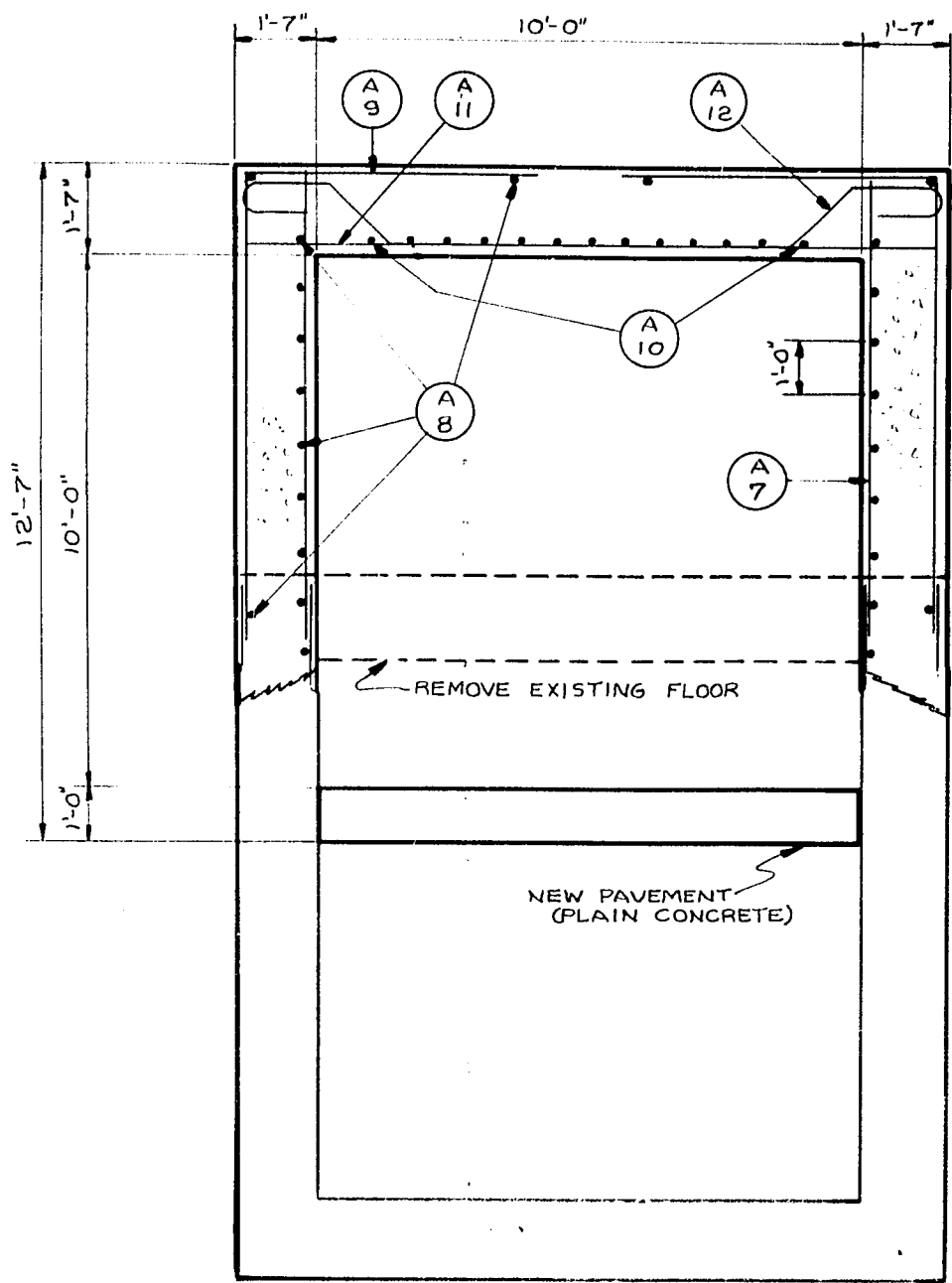
BID ITEMS

CONCRETE MASONRY — 115.5 C.Y.
PLAIN CONCRETE — 33.3 C.Y.
BAR STEEL REINFORCEMENT — 18,390 LBS.

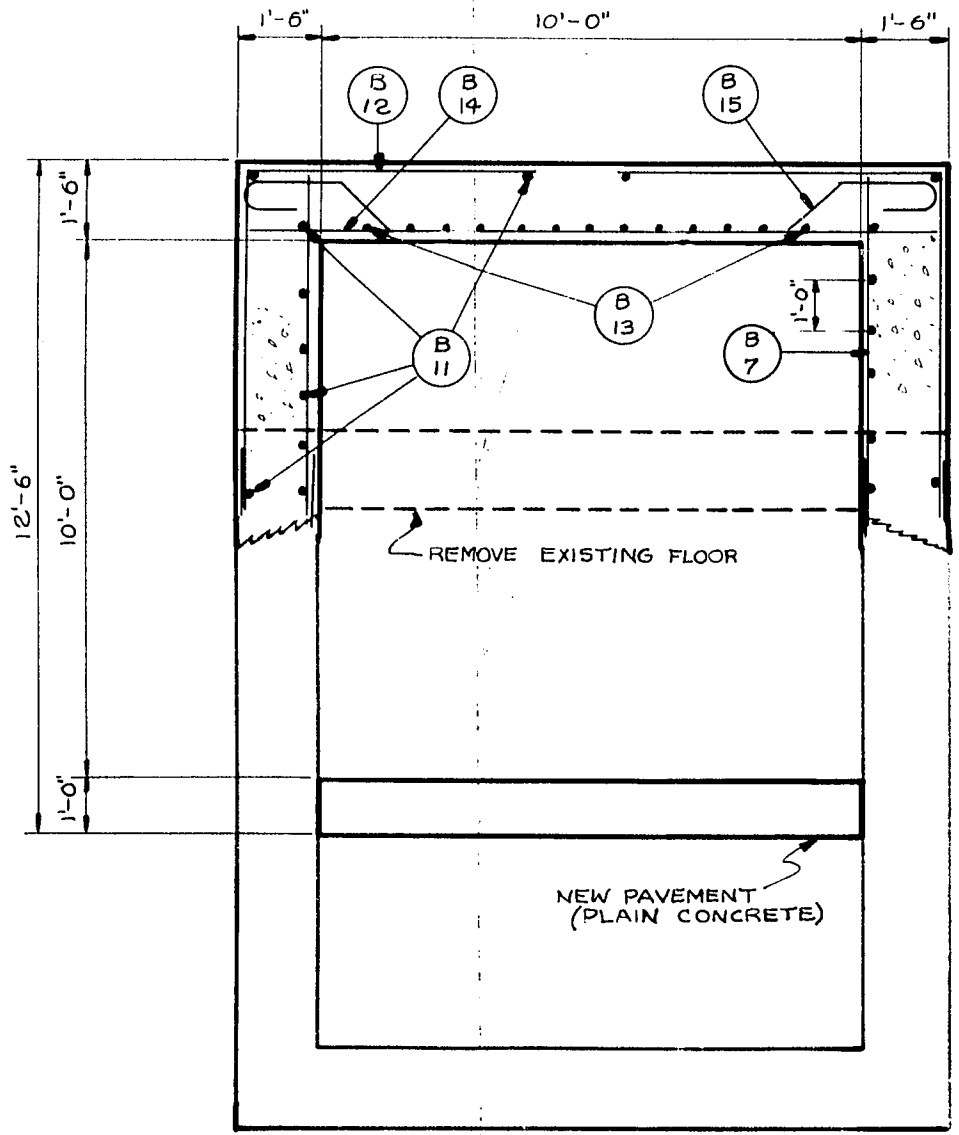
LIST OF DRAWINGS

1 - LAYOUT — X 13532
2 - DETAILS — X 13533

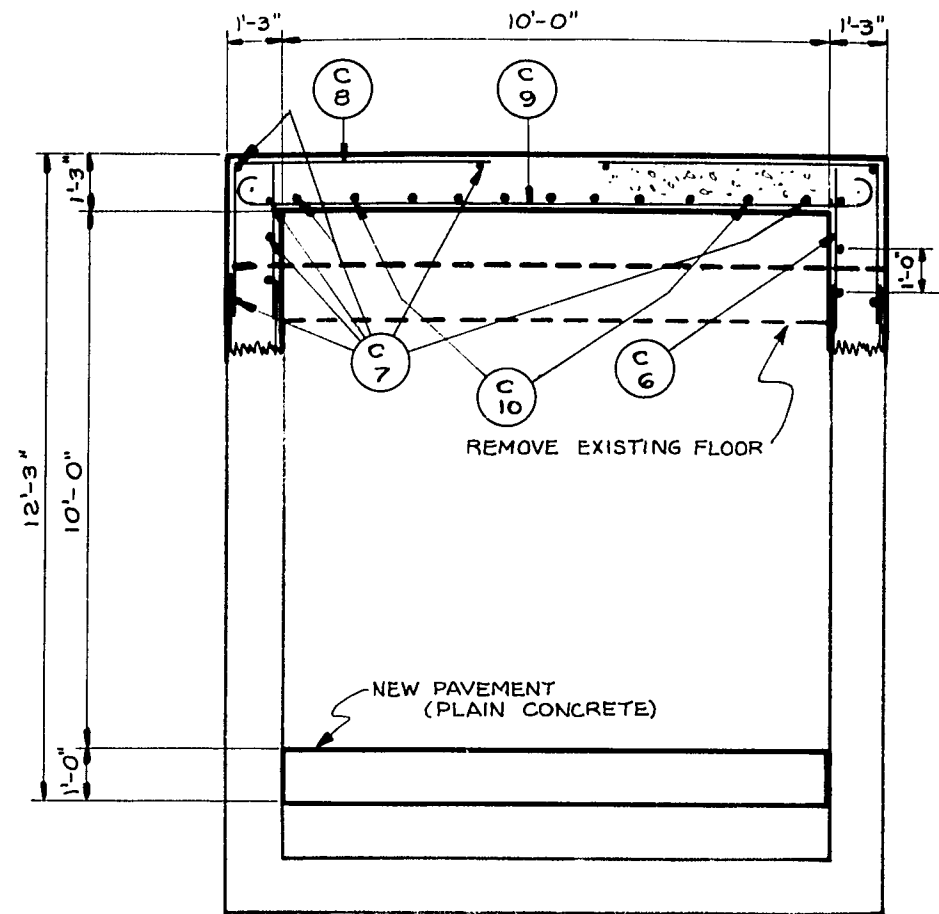
STATE HIGHWAY COMMISSION OF WISCONSIN			
LAYOUT			
CO. BAYFIELD	TOWN 45 N	RANGE 6 W	STA. +85.00
SECTION 21	DATE 12/31/50	DRWN 444	CED. L.W.F. SPEC. 1951
CORRECT: <i>E. J. R. R.</i>		BRIDGE ENGINEER	
APPROVED: <i>E. J. R. R.</i>		STATE HIGHWAY ENGINEER	
STRUCTURE C-4-6		SHEET 1 OF 2	



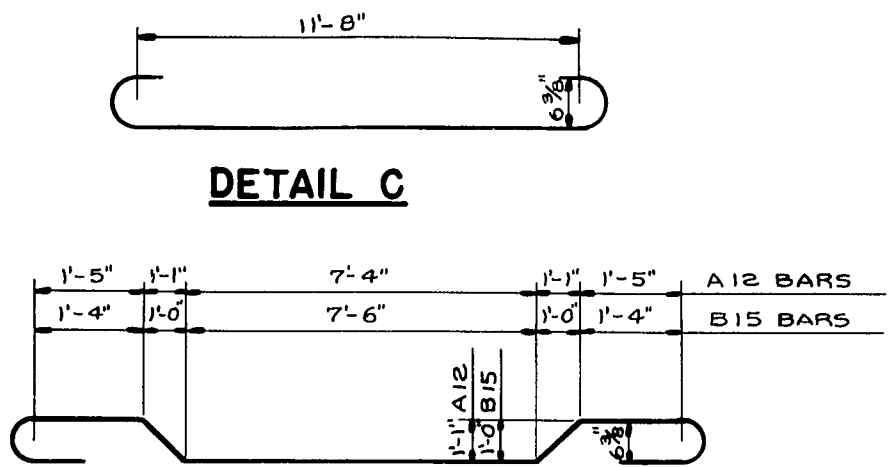
SECTION THRU BARREL, PART A



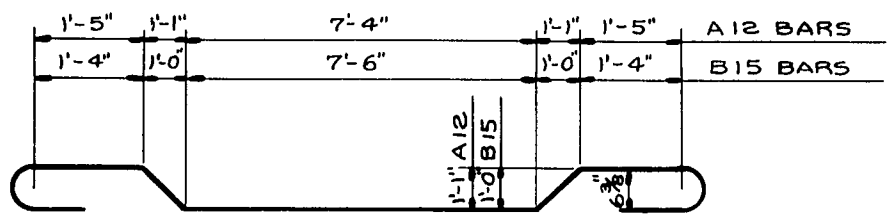
SECTION THRU BARREL, PART B



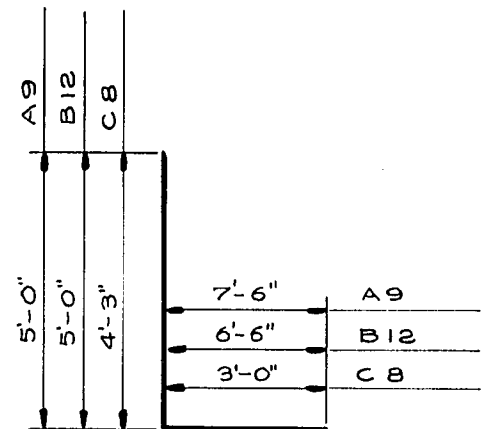
SECTION THRU BARREL, PART C



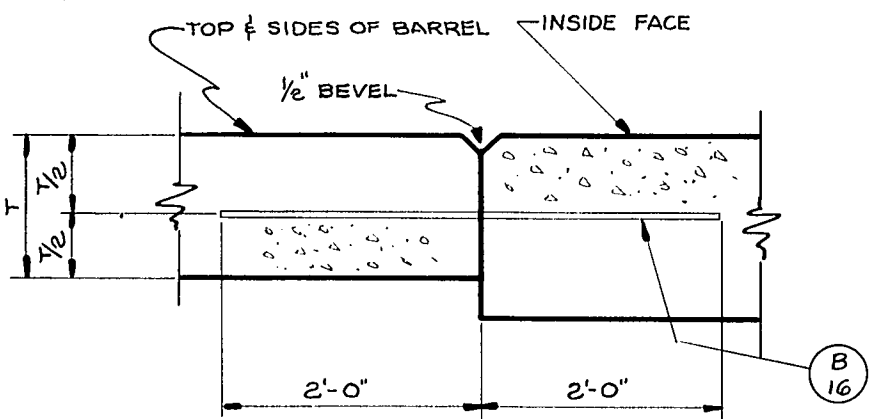
DETAIL C



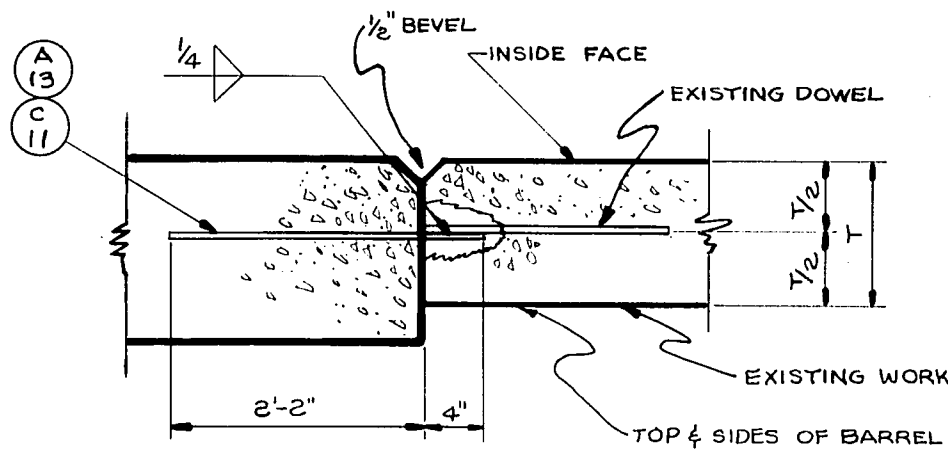
DETAIL A



DETAIL B



VERTICAL CONST. JOINT NO. 2



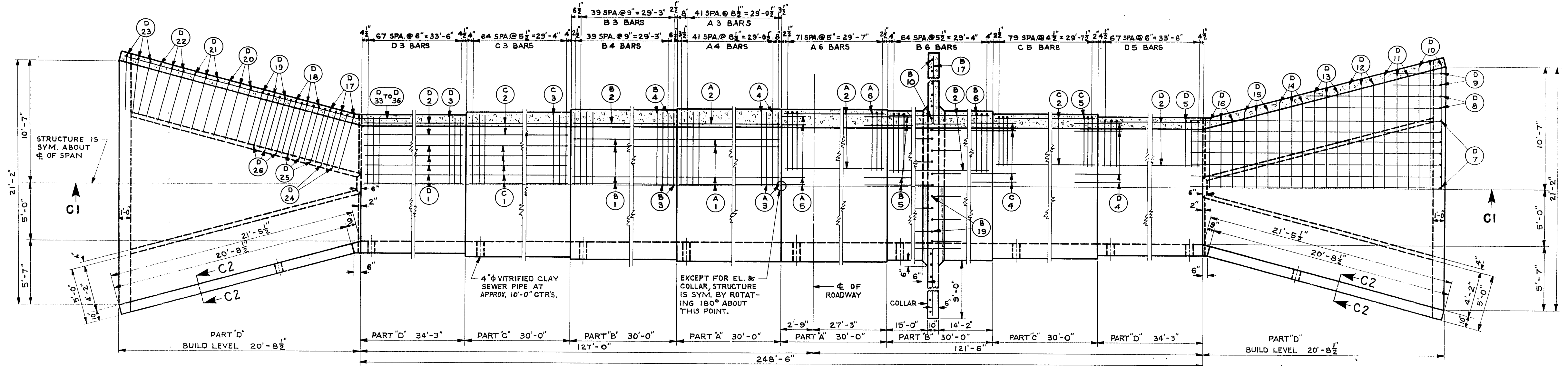
VERTICAL CONST. JOINT NO. 1

BILL OF BARS

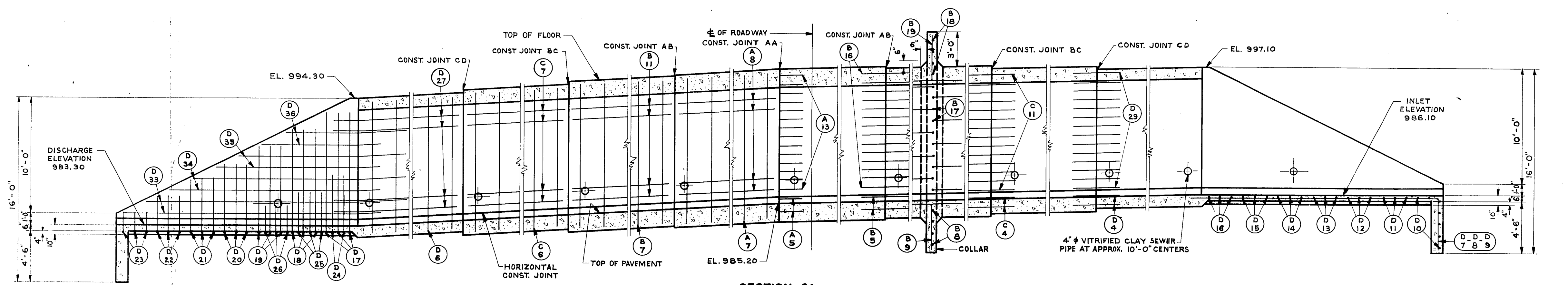
18390 #

BAR STEEL DIMENSIONS APPLY ALONG C OF BAR							DET.
PART	NO.	MARK	SIZE	LENGTH	SPACING	LOCATION	
PART A	30	A 7	4	8-0	2-0	VERT. SIDES	
	24	A 8	4	29-9	SHOWN	SIDES & FLOOR	
	144	A 9	7	12-6	5	CORNERS	B
	13	A 10	6	29-9	8	FLOOR	
	42	A 11	7	12-9	8 1/2	"	
	41	A 12	7	15-6	8 1/2	"	A
PART B	35	A 13	5	2-6	9	CONST. JOINT	
PART C	30	B 7	4	7-0	2-0	VERT. SIDES	
	18	B 11	4	29-9	SHOWN	SIDES & FLOOR	
	130	B 12	7	11-6	5 1/2	CORNERS	B
	13	B 13	6	29-9	8	FLOOR	
	40	B 14	7	12-9	9	"	
	39	B 15	7	15-3	9	"	A
PART C	50	B 16	5	4-0	9	CONST. JOINT	
PART C	30	C 6	4	3-3	2-0	VERT. SIDES	
	14	C 7	4	29-9	SHOWN	SIDES & FLOOR	
	160	C 8	6	7-3	4 1/2	CORNERS	B
	65	C 9	7	14-0	5 1/2	FLOOR	C
	9	C 10	6	29-9	10	"	
	21	C 11	5	2-6	9	CONST. JOINT	

NOTE: A10, B13, C10, D31, A11, A12, A9, B14, B15, B12, C9, C8, D32, D2B BARS IN FLOOR ARE SPACED THE SAME RESPECTIVLY
A5 A1, B1, C1, D1, A3, A4, A6, B3, B4, B6, C3, C5, D3, D5 BARS IN PAVEMENT (SPACING SHOWN)



HALF SECTION OF PLAN



SECTION C1
LOOKING EAST

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
CONCRETE MASONRY SHALL BE GRADE "AA".
BEVEL EXPOSED EDGES OF CONCRETE 1"
UNLESS OTHERWISE SPECIFIED.

ESTIMATED QUANTITIES

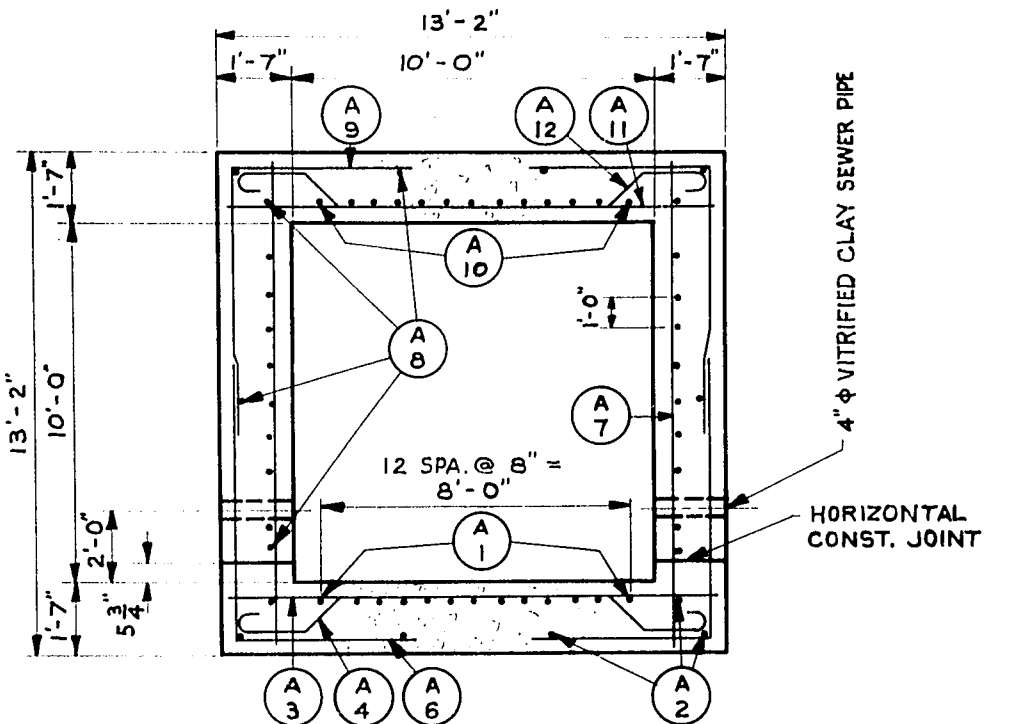
BID ITEMS	
EXCAVATION FOR STRUCTURE	1580 C.Y.
CONCRETE MASONRY	608.7 C.Y.
BAR STEEL REINFORCEMENT	98,670 LB.
NON-BID ITEMS	
4" VITRIFIED CLAY SEWER PIPE	68 L.F.

LIST OF DRAWINGS

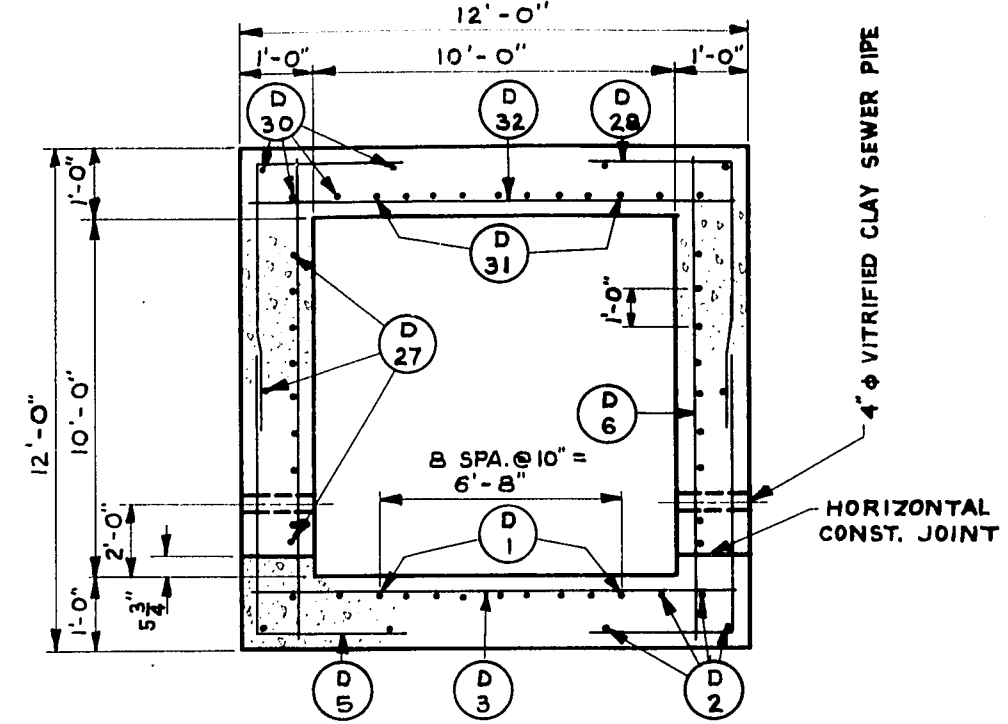
1. DETAILS	X 11962
2. DETAILS	X 11963

STATE HIGHWAY COMMISSION OF WISCONSIN		
DETAILS		
CO. BAYFIELD	PRATT	STA. 391 + 85.00
SECTION 21	TOWN 45N.	RANGE 6W
DATE 6/9/49	DRWN. MCK	CHKD. 7/7/50
SPEC. 1941		
L'VAD H-20		
CORRECT:	G. W. R. S. BRIDGE ENGINEER	
APPROVED:	E. H. R. STATE HIGHWAY ENGINEER	
STRUCTURE C-4-6		SHEET 1 OF 2

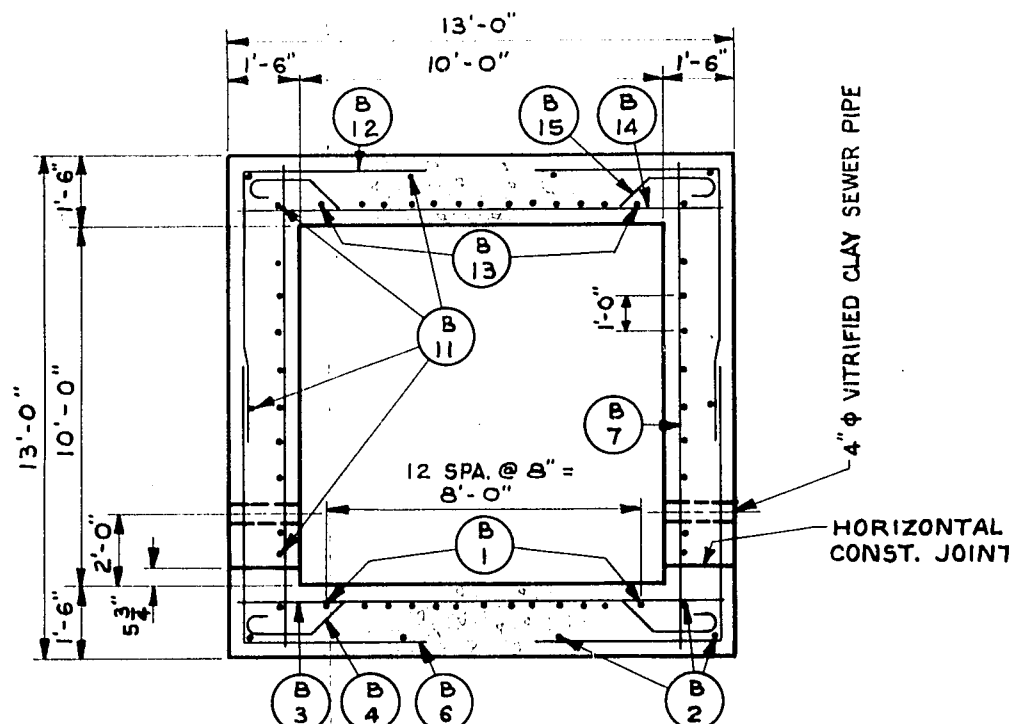
* PART "A" DESIGNED FOR 52.0 FT. OF FILL * PART "C" DESIGNED FOR 31.0 FT. OF FILL
* PART "B" DESIGNED FOR 45.0 FT. OF FILL * PART "D" DESIGNED FOR 16.5 FT. OF FILL
* EARTH PRESSURE IN ACCORDANCE WITH 1949 A.A.S.H.O. ART. 3.2.2.(a.)



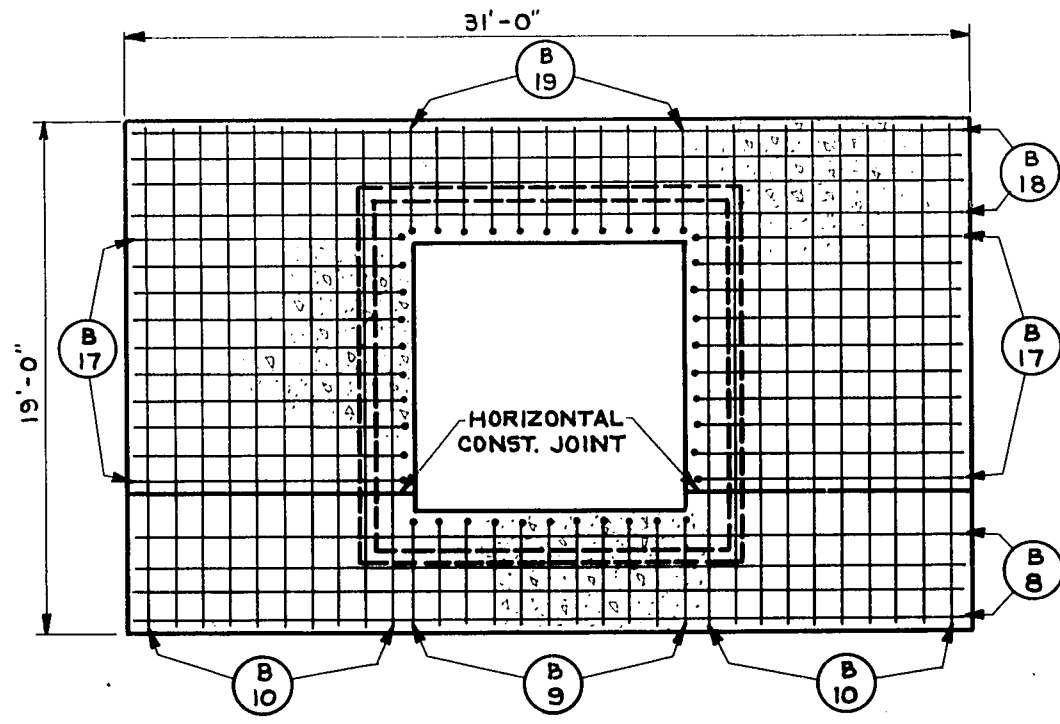
SECTION THROUGH
BARREL, PART A



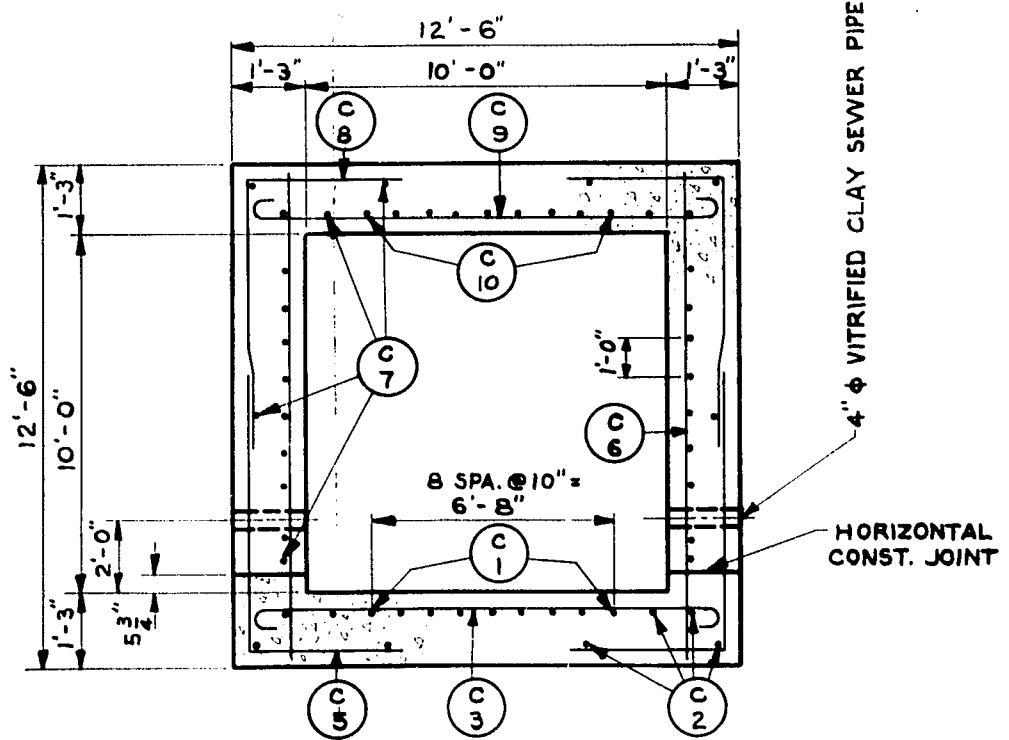
SECTION THROUGH
BARREL, PART D



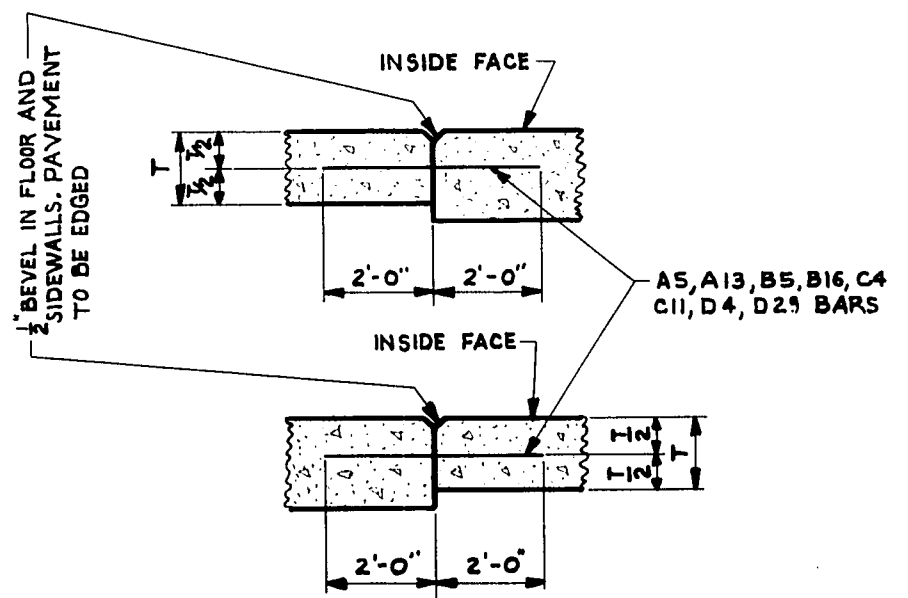
SECTION THROUGH
BARREL, PART B



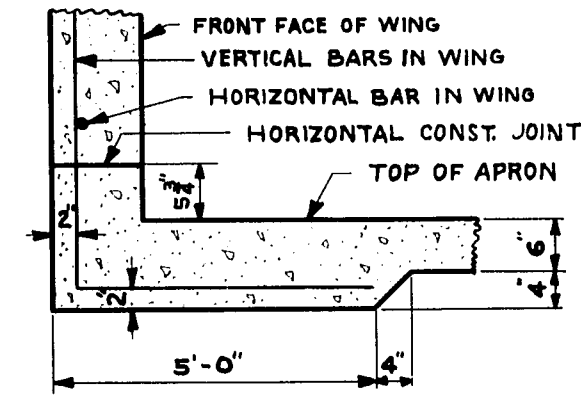
NOTE: PLACE THE BENT ENDS OF ALTERNATE B9, B17 & B19 BARS
IN OPPOSITE DIRECTIONS ALONG BARREL AS SHOWN.



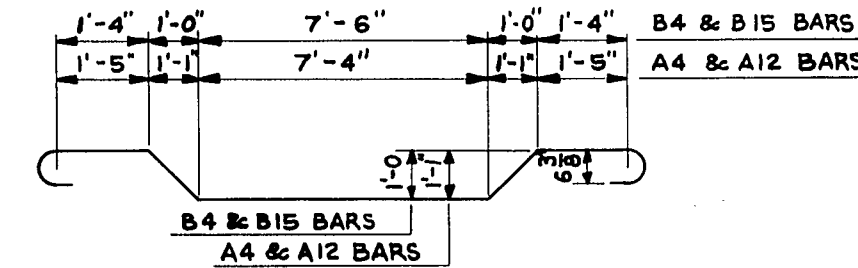
SECTION THROUGH
BARREL, PART C



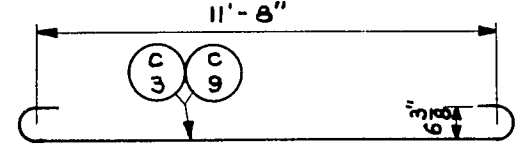
VERTICAL CONST. JOINT



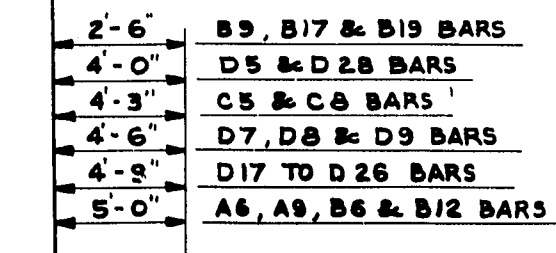
SECTION C2



DETAIL A



DETAIL C



DETAIL B

PART "A"								PART "C"								
POUR	NO.	MARK	SIZE	LENGTH	SPACING	LOCATION	DET.	POUR	NO.	MARK	SIZE	LENGTH	SPACING	LOCATION	DET.	
PAVEMENT	26	A1	3/4	29-9	SHOWN	PAVEMENT		SIDES & FLOOR	56	C7	1/2	29-9	SHOWN	SIDES & FLOOR		
	12	A2	1/2	29-9	SHOWN	"			320	C8	3/4	11-6	SHOWN	" " "	B	
	84	A3	1/2	12-9	SHOWN	"			130	C9	1/2	14-0	SHOWN	FLOOR	C	
	84	A4	1/2	15-6	SHOWN	"			18	C10	3/4	29-9	SHOWN	"		
	18	A5	1/2	4-0	9	"			84	C11	1/2	4-0	9	SIDES & FLOOR		
	288	A6	1/2	12-6	SHOWN	PAVEMENT & SIDES	B									
	60	A7	1/2	12-9	2-0	SIDES										
	SIDES & FLOOR	52	A8	1/2	29-9	SHOWN	SIDES & FLOOR		PAVEMENT, APRONS & CUT OFF WALLS	18	D1	5/8	34-0	SHOWN	PAVEMENT	
		288	A9	1/2	12-6	SHOWN	" " "	B		16	D2	1/2	34-0	SHOWN	"	
		26	A10	3/4	29-9	SHOWN	FLOOR			136	D3	3/4	11-9	SHOWN	"	
		84	A11	1/2	12-9	SHOWN	"			36	D4	1/2	4-0	9	"	
		84	A12	1/2	15-6	SHOWN	"	A		272	D5	3/4	11-0	SHOWN	PAVEMENT & SIDES	B
		42	A13	1/2	4-0	9	SIDES & FLOOR			68	D6	1/2	11-9	2-0	SIDES	
							26	D7		1/2	26-0	1-0	APRONS & CUT OFF WALLS	B		
							8	D8		1/2	16-6	1-0	" " " "	B		
							8	D9		1/2	9-0	1-0	" " " "	B		
							14	D10		1/2	21-3	1-0	" " " "			
							6	D11		1/2	19-9	1-0	APRON			
							6	D12		1/2	18-0	1-0	"			
							6	D13		1/2	16-6	1-0	"			
							6	D14		1/2	14-9	1-0	"			
							6	D15		1/2	13-3	1-0	"			
							6	D16		1/2	11-6	1-0	"			
							12	D17		1/2	15-0	1-0	WINGS	B		
							12	D18		1/2	13-6	1-0	"	B		
							12	D19	1/2	12-0	1-0	"	B			
							12	D20	1/2	10-6	1-0	"	B			
							12	D21	1/2	9-3	1-0	"	B			
							12	D22	1/2	7-9	1-0	"	B			
							12	D23	1/2	6-6	1-0	"	B			
							8	D24	1/2	9-9	1-0	"	B			
							12	D25	5/8	8-6	1-0	"	B			
							12	D26	1/2	8-0	1-0	"	B			
													</			

REVISED

STATE HIGHWAY COMMISSION OF WISCONSIN

DETAILS

CO. BAYFIELD

PRATT

SECTION 21

TOWN 45 N.

STA. 391 + 85.00

DATE 6/9/49

DRWN Mch

CHKD J. J. ZW

SPLC. 1941

LOAD H. 20

RANGE 6 W.

CORRECT: G. J. J. J.

BRIDGE ENGINEER

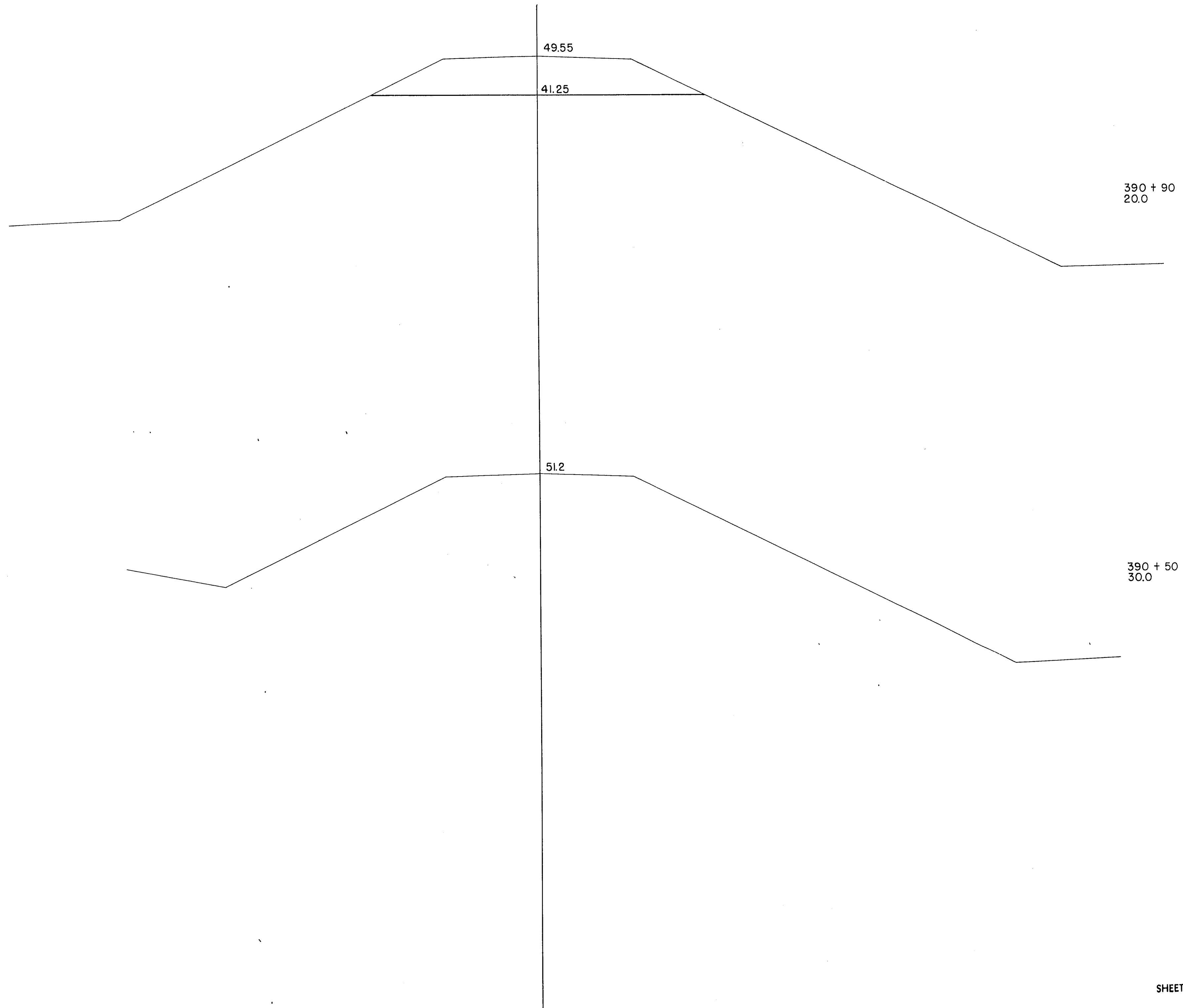
APPROVED: E. J. J. J.

STATE HIGHWAY ENGINEER

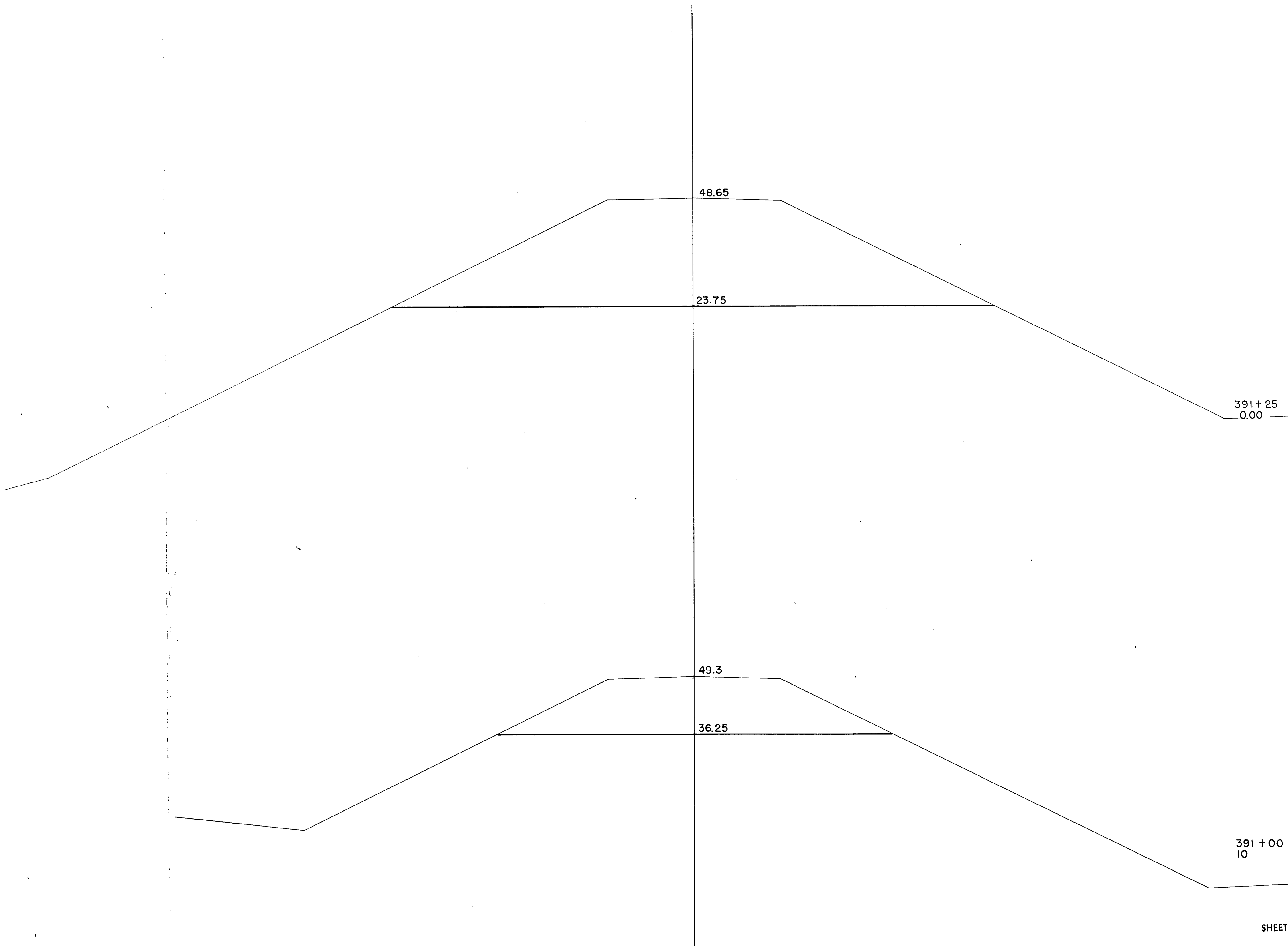
STRUCTURE C-4-6

SHEET 2 OF 2

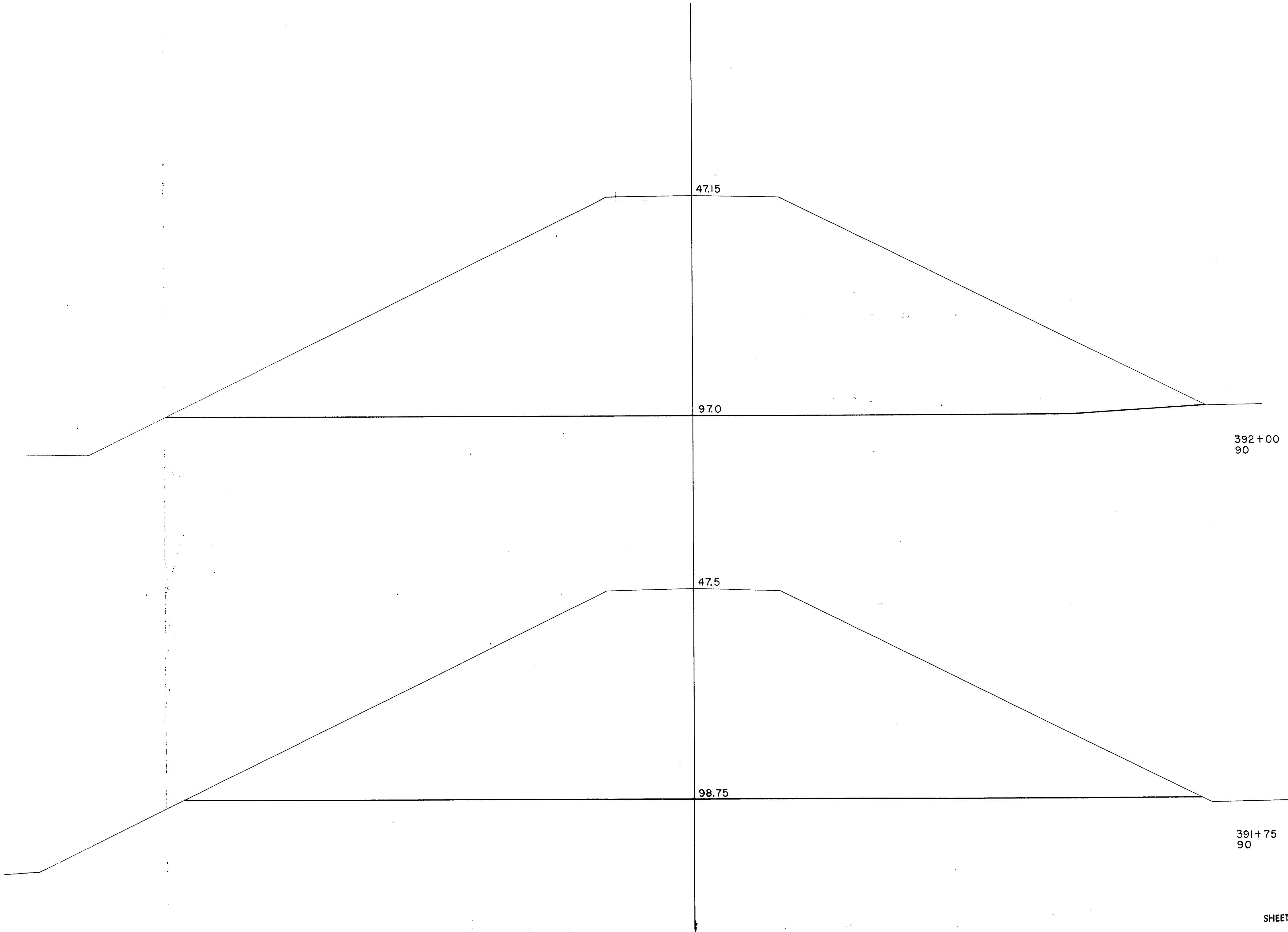
P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	TOII-2(8)	4	9



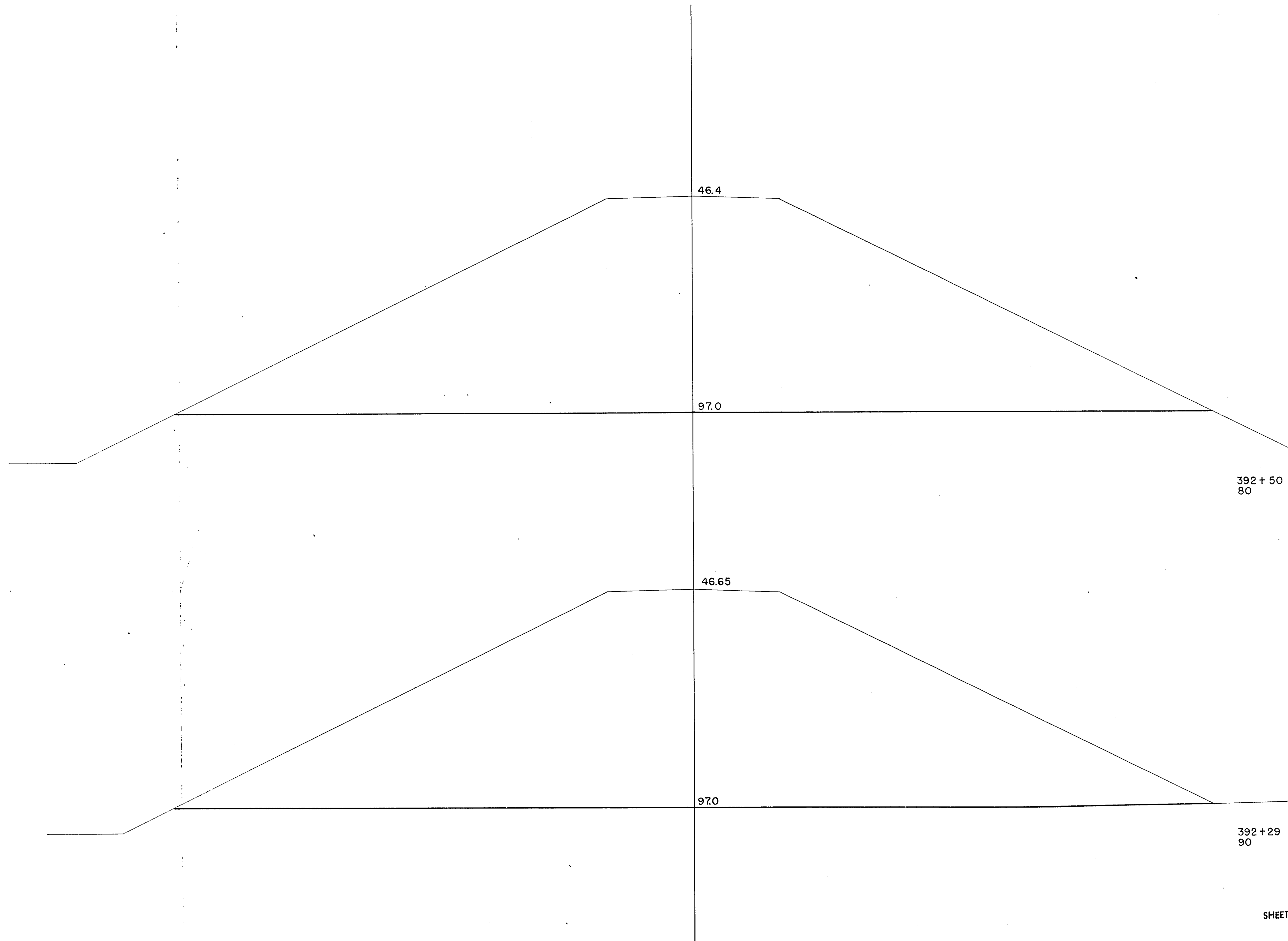
P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	TOII-2(8)	5	9



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	TOII-2 (8)	6	9



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	TOII-2 (8)	7	9



STATION	DISTANCE	YARDAGE				
		UNCL.	EXCAVATION			FILL

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	DATE
WIS. 5N	TO 11-2 (8)	8	5

