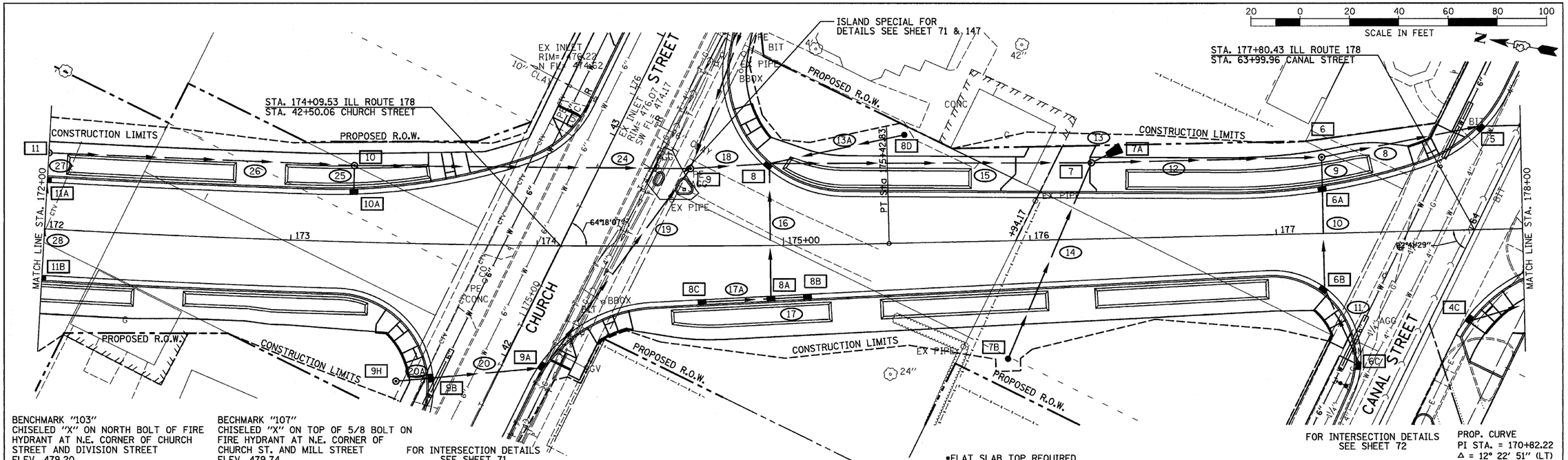


BENCHMARK "103"
CHISELED "X" ON NORTH BOLT OF FIRE HYDRANT AT N.E. CORNER OF CHURCH STREET AND DIVISION STREET
ELEV. 479.20

BECHMARK "107"
CHISELED "X" ON TOP OF 5/8 BOLT ON FIRE HYDRANT AT N.E. CORNER OF CHURCH ST. AND MILL STREET
ELEV. 479.74

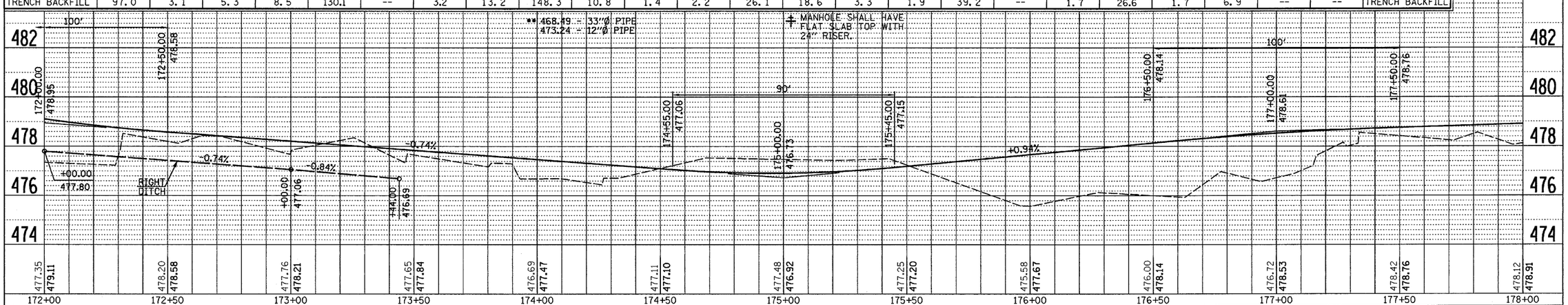
*FLAT SLAB TOP REQUIRED

PROP. CURVE
PI STA. = 170+82.22
Δ = 12° 22′ 51″ (LT)
D = 1° 20′ 19″
R = 4,280.00′
T = 464.23′
L = 924.84′
E = 25.10′
e = NORMAL CROWN
P.C. STA = 166+17.99
P.T. STA = 175+42.83

STRUCTURE NO.	4C	5	6	6A	6B	6C	7	7A	7B	8	8A	8B	8C	8D	‡ 9	9A	9B	9H	10	10A	11	11A	11B	-	STRUCTURE NO.
STA	63+66.6	64+38.0	177+19.1	177+19.4	177+19.1	63+30.0	176+25.6	176+37.5	175+90.0	174+93.4	174+94.6	175+09.5	174+66.7	175+50	174+62.4	42+02.59	41+79.0	173+44.0	173+25.0	173+25.1	172+00.0	172+00.0	172+00.0	--	STA
OFFSET	13.2 RT	14.9 LT	31.0 LT	17.1 LT	22.0. RT	17.3 LT	31.0 LT	36.7 LT	48.0 RT	31.8 LT	20.7 RT	20.1 RT	21.9 RT	44.0 LT	31.5 LT	13.7 RT	22.8 LT	56.1 RT	31.1 LT	19.5 LT	31.0 LT	19.0 LT	19.0 RT	--	OFFSET
STRUCTURE TYPE	I-A	MH-TA 5	MH-TA 5	I-B*	I-B*	I-A	MH-TA 5	PRCFES	1-A	MH-TA 5	I-B*	I-A	I-A	I-A	MH-TA 7	I-B*	I-B	I-A	MH-TA 4	I-A	MH-TA 4	I-B*	I-B*	--	STRUCTURE TYPE
F&G TYPE	3	3	1(C)	3	3	3	1(C)	--	8	3	3	3	3	8	1(C)	3	3	8	1(C)	3	1(C)	3	3	--	F&G TYPE
RIM ELEVATION	478.06	477.97	478.72	478.14	478.16	478.44	478.02	--	475.30	476.13	476.35	476.39	476.40	476.80	476.39	476.49	476.42	476.69	478.03	477.48	479.13	478.58	478.58	--	RIM ELEVATION
EAST INVERT	--	--	--	474.16	474.56	474.81	475.00	--	473.80	--	472.87	--	--	--	468.76	473.07	--	--	--	473.00	--	474.25	474.65	--	EAST INVERT
WEST INVERT	--	--	472.15	474.16	474.56	--	471.30	477.00	--	470.41	--	--	--	--	470.99	--	--	--	473.15	--	474.15	474.25	--	--	WEST INVERT
NORTH INVERT	--	467.39	467.68	--	--	--	468.07	--	--	468.49	472.87	473.02	--	473.80	470.56	473.07	473.43	--	472.90	--	474.15	--	474.65	--	NORTH INVERT
SOUTH INVERT	475.56	467.39	467.68	--	--	--	468.07	--	--	**	472.87	--	473.12	--	468.60	--	473.43	473.55	472.90	--	474.15	--	--	--	SOUTH INVERT
PIPE NUMBER	8	9	10	11	12	13	13A	14	15	16	17	17A	18	19	20	20A	24	-	25	26	27	28	-	-	PIPE NUMBER
SIZE	33″	12″	12″	12″	33″	12″	12″	12″	33″	12″	12″	12″	30″	12″	12″	12″	15″	--	12″	15″	12″	12″	--	--	SIZE
LENGTH	65′	13′	40′	33′	90′	5′	56′	86′	130′	50′	15′	25′	28′	96′	47′	12′	134′	--	10′	125′	10′	40′	--	--	LENGTH
CLASS	A(RG)	A	A	A(RG)	A	A	A	A	A	A	A	A	A	A	A(RG)	A	A(RG)	--	A	A	A	A	--	--	CLASS
TYPE	2	1	1	1	2	1	1	1	2	1	1	1	2	1	1	1	2	--	2	2	2	1	--	--	TYPE
% SLOPE	0.45	15.46	1.00	0.76	0.43	19.05	1.00	2.91	0.32	4.92	1.00	1.00	0.40	2.17	0.77	1.00	1.75	--	1.00	1.00	1.00	1.00	--	--	% SLOPE
TRENCH BACKFILL	97.0	3.1	5.3	8.5	130.1	--	3.2	13.2	148.3	10.8	1.4	2.2	26.1	18.6	3.3	1.9	39.2	--	1.7	26.6	1.7	6.9	--	--	TRENCH BACKFILL

** 468.49 - 33″Ø PIPE
473.24 - 12″Ø PIPE

‡ MANHOLE SHALL HAVE FLAT SLAB TOP WITH 24″ RISER.



FILE NAME = D366547-SHT-PLNPRF172-178.DGN	USER NAME = ---	DESIGNED - JKC	REVISED - ---
		DRAWN - LAG	REVISED - ---
	PLOT SCALE = 1″=20′	CHECKED - JKC	REVISED - ---
	PLOT DATE = 08/10	DATE - 08/10	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE - IL RTE 178 (RELOCATED)

SCALE: 1″=20′ | SHEET NO. __ OF ___ SHEETS | STA. 172+00 TO STA. 178+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	6R,B	LASALLE	190	23
		CONTRACT NO. 66547		

FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT

PLAN — BY: CHAM-IN — DATE: 08/04 — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED — NOTE BOOK NO. — CADD FILE NAME: D366547-SHT-PLNPRF172-178.DGN

PROF — BY: CHAM-IN — DATE: 08/04 — SURVEYED / PLOTTED / GRADES CHECKED / R.O.W. CHECKED — NOTE BOOK NO. — STRUCTURE NOTAT'NS CHKD