

MATCH LINE STA. 73+00

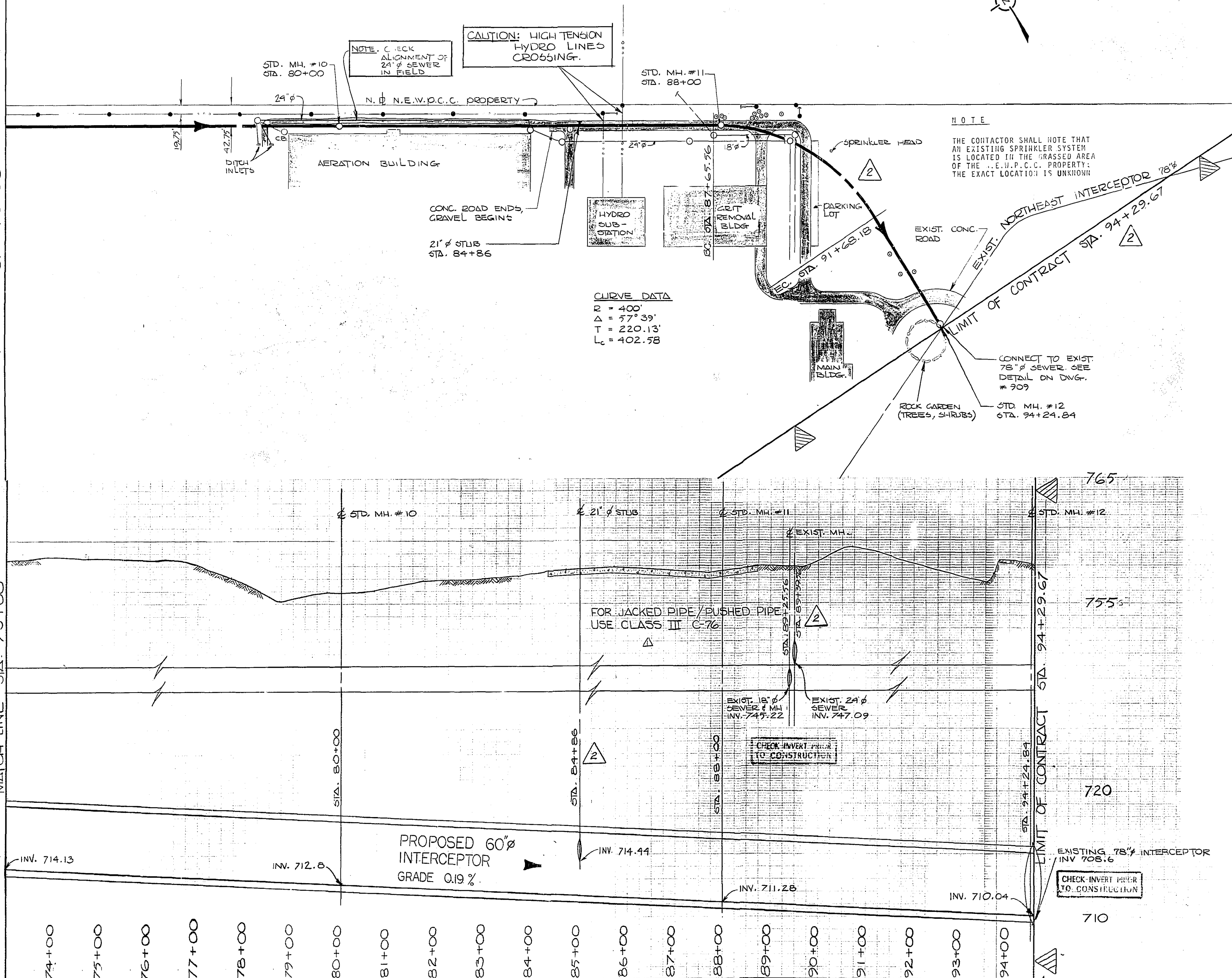
MATCH LINE STA. 73+00

765

755

720

710



LEGEND	
WATERWORKS, WASTE AND DISPOSAL: UNDERGROUND UTILITIES	
PROPOSED FORCEMAIN, INTERCEPTOR OR SECONDARY SEWER	— W.W.D. 74" SEWER —
EXISTING FORCEMAIN, INTERCEPTOR OR SECONDARY SEWER	— W.W.D. 24" W.M. —
PROPOSED FEEDERMAIN	— W.W.D. 24" W.M. —
EXISTING FEEDERMAIN	— W.W.D. 24" W.M. —
W.W.D. — WATERWORKS, WASTE AND DISPOSAL	
OTHER UNDERGROUND UTILITIES	
COMMUNITY SEWER	—
COMMUNITY WATERMAIN	—
GAS	—
HYDRO DUCT	—
M.T.S. DUCT OR CABLE	—
STREET LIGHTING, RAILWAY SIGNAL OR TRAFFIC SIGNAL CABLE	—
SURFACE UTILITIES	
COMMUNITY BOUNDARY LINE	—
FENCE LINE	—
POLE LINE	—
RAILWAY LINE	—
MISCELLANEOUS SYMBOLS	
CATCH BASIN	○
CULVERT	—
HYDRANT	—
MANHOLE	○
HYDRO OR M.T.S. POLE	—
LAMP STANDARD	—
RAILWAY OR TRAFFIC SIGNAL STANDARD	—
SURVEY BAR	—
TREE	—
VALVE	—
DIRECTION OF FLOW	
NOTES	

LOCATION OF UNDERGROUND STRUCTURES SHOWN ARE BASED ON BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN AND EXACT LOCATION OF ALL UNDERGROUND INCLUDING SERVICE CONNECTIONS MUST BE CHECKED WITH UTILITIES CONCERNED BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	DESCRIPTION	DATE	BY
1	REVISED CHAINAGE @ CURVE (21" STUB) 23-9-77	23-9-77	L.A.N.
2	REVISED CLASS OF JACKED/PUSHED PIPE 23-9-77	23-9-77	L.A.N.

REVISIONS	
FIELD BOOK(S) NO. F-398, F-420, F-473	SURVEYED BY D.M.G.
LAND SURVEY PLAN(S) NO. 13147	DATE MAR. 29, 1977
B. M.	NOV. 8, 1974

The City of Winnipeg
 Waterworks, Waste and Disposal Division

ENGINEERING BRANCH
 WASTE DISPOSAL

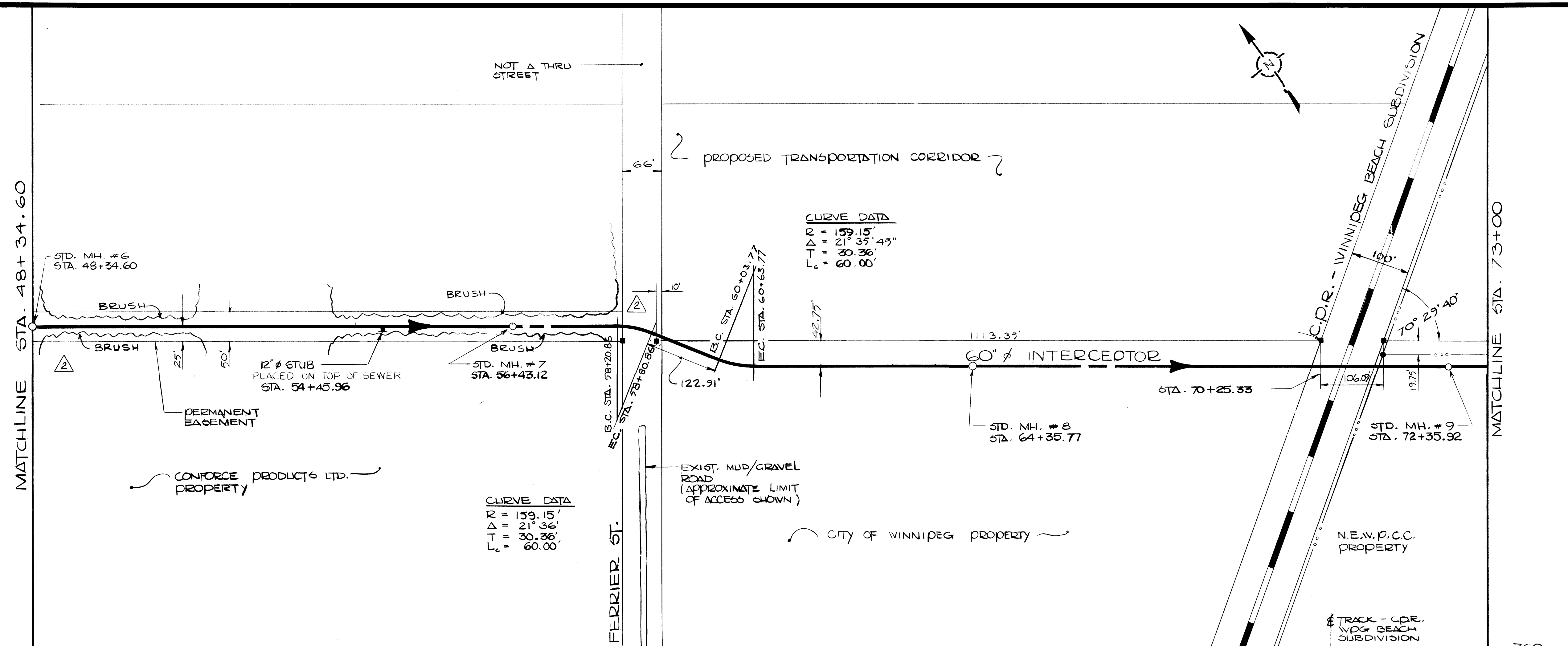
NORTHWEST INTERCEPTOR
LEILA TO N.E.V.P.C.C.
SECTION 'B' - BERGEN CUTOFF RD.
TO N.E.V.P.C.C.
STA. 73+00 TO STA. 94+45.71

DESIGNED BY *[Signature]* DRAWN BY L.A.N.
 CHECKED BY *[Signature]* DATE July 5, 1977
 APPROVED BY *[Signature]*

SCALE: HOR. 1" = 100' VERT. 1" = 4'-0"

DRAWING NO. 908

907



LEGEND

WATERWORKS, WASTE AND DISPOSAL: UNDERGROUND UTILITIES

PROPOSED FORCEMAIN, INTERCEPTOR OR SECONDARY SEWER _____

EXISTING FORCEMAIN, INTERCEPTOR OR SECONDARY SEWER _____ W.W.D. 24\"/>

PROPOSED FEEDERMAIN _____

EXISTING FEEDERMAIN _____ W.W.D. 24\"/>

W.W.D. _____ WATERWORKS, WASTE AND DISPOSAL

OTHER UNDERGROUND UTILITIES

COMMUNITY SEWER _____

COMMUNITY WATERMAIN _____

GAS _____

HYDRO DUCT _____

M.T.S. DUCT OR CABLE _____

STREET LIGHTING, RAILWAY SIGNAL OR TRAFFIC SIGNAL CABLE _____

SURFACE UTILITIES

COMMUNITY BOUNDARY LINE _____

FENCE LINE _____ X _____ X _____

POLE LINE _____

RAILWAY LINE _____

MISCELLANEOUS SYMBOLS

CATCH BASIN _____

CULVERT _____

HYDRANT _____

MANHOLE _____

HYDRO OR M.T.S. POLE _____

LAMP STANDARD _____

RAILWAY OR TRAFFIC SIGNAL STANDARD _____

SURVEY BAR _____

TREE _____

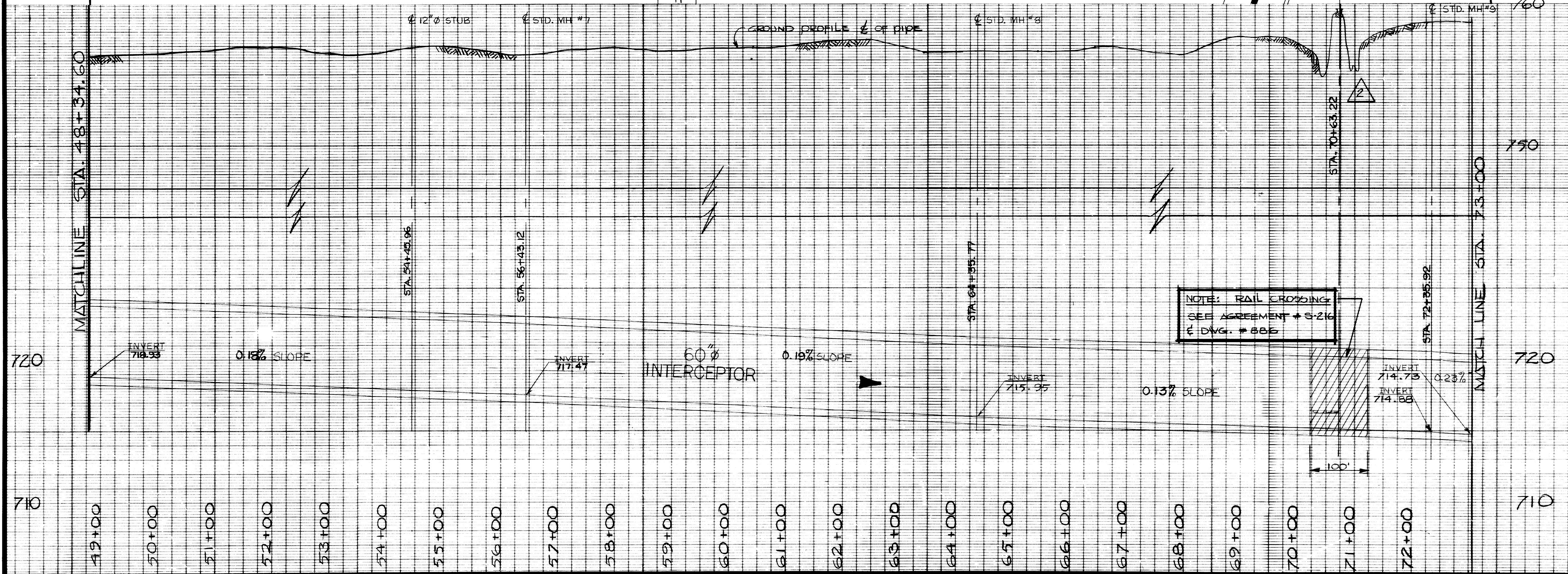
VALVE _____

DIRECTION OF FLOW _____

NOTES

AS BUILT

SURVEY ENGINEERING DATE



REVISIONS		NO.	DESCRIPTION	DATE	BY
REVISED TO AS BUILT		790731	AMK.		
REVISED CHAINAGE & DELETED		23977	LDN.		
2 - 12\"/>					
REVISED CLASS OF JACKED/PUSHED PIPE		82077	MS		
REVISIONS					
FIELD BOOK(S) NO. F-398, F-420, F-473				SURVEYED BY	
LAND SURVEY PLAN(S) NO. 13147				D.M.G.	
B.M.				DATE	
				MAR. 29, 1977	
				NOV. 8, 1974	

The City of Winnipeg

Waterworks, Waste and Disposal Division

ENGINEERING BRANCH
WASTE DISPOSAL

NORTHWEST INTERCEPTOR
LEILA TO N.E.W.D.C.C.
SECTION B - BERGEN CUTOFF RD.
TO N.E.W.D.C.C.
STA. 48+00 TO STA. 73+00

DESIGNED BY _____

CHECKED BY _____

APPROVED BY _____

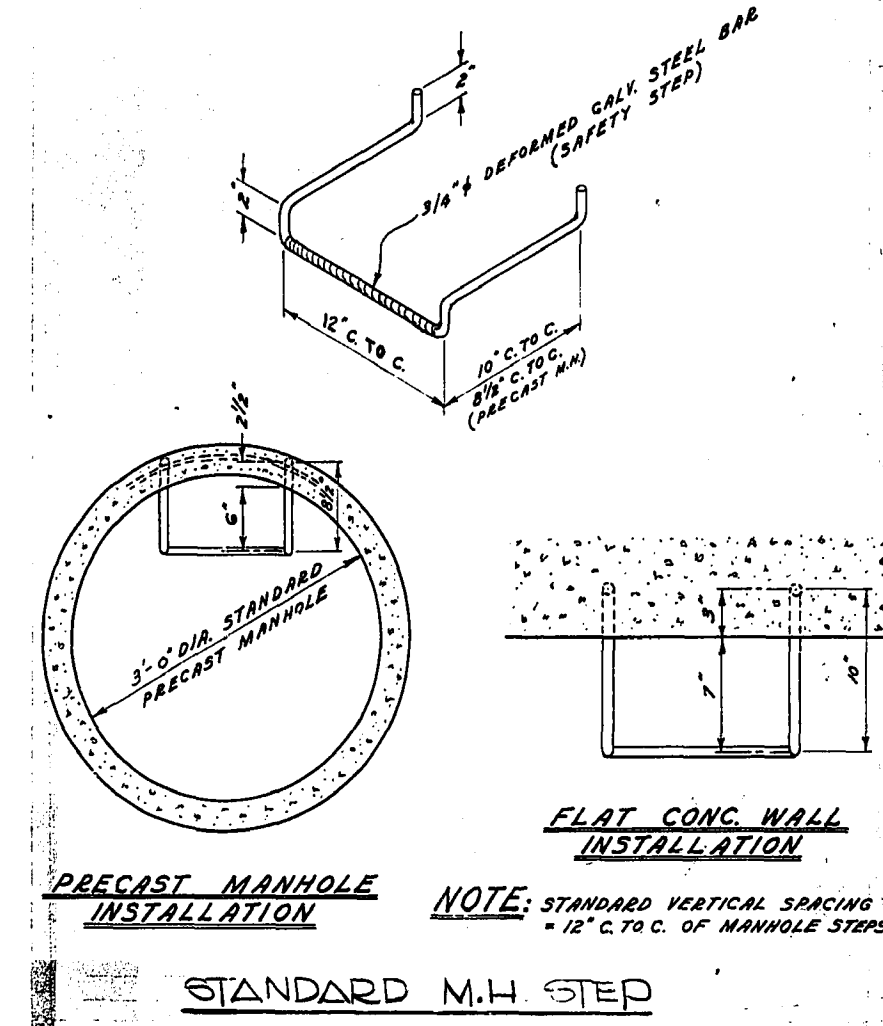
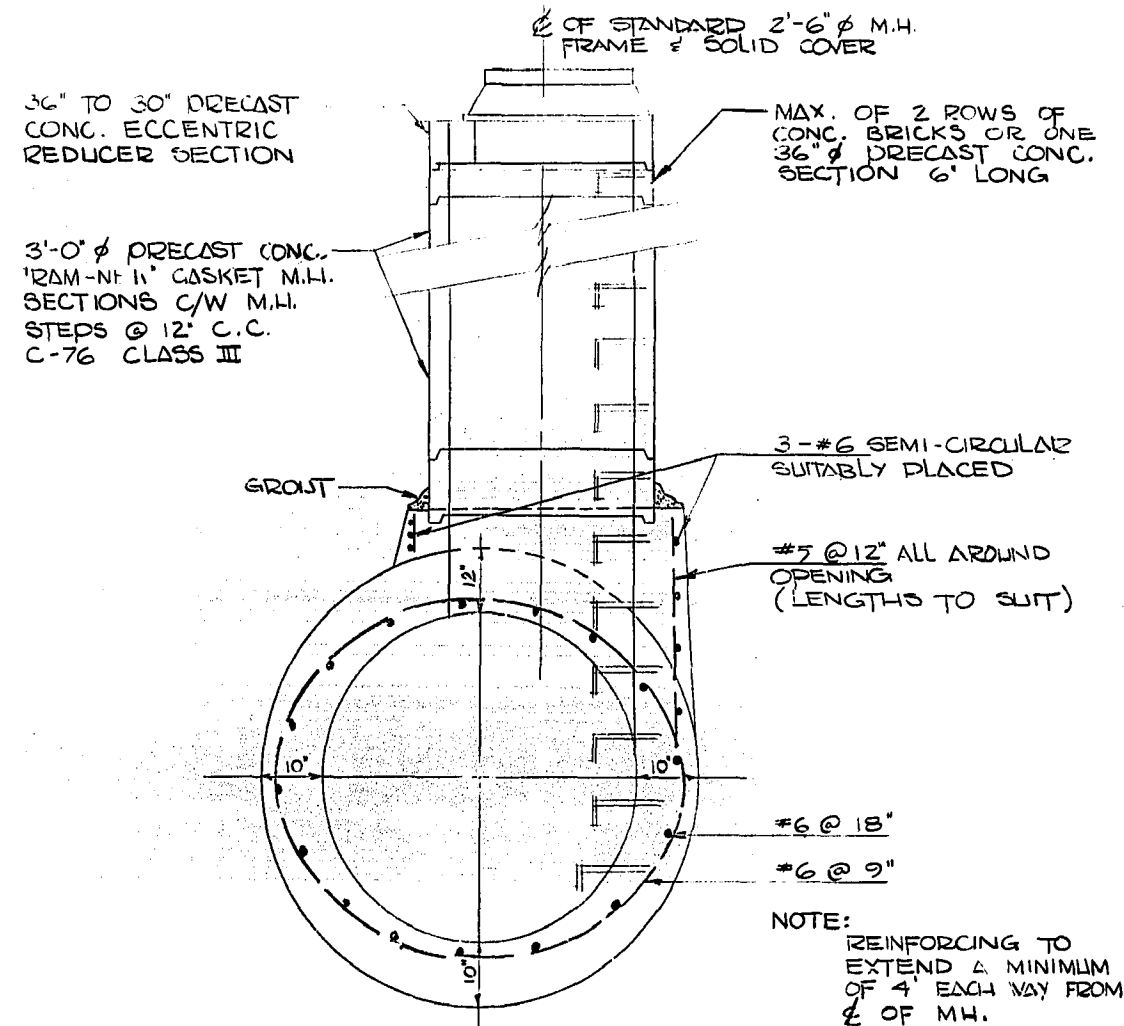
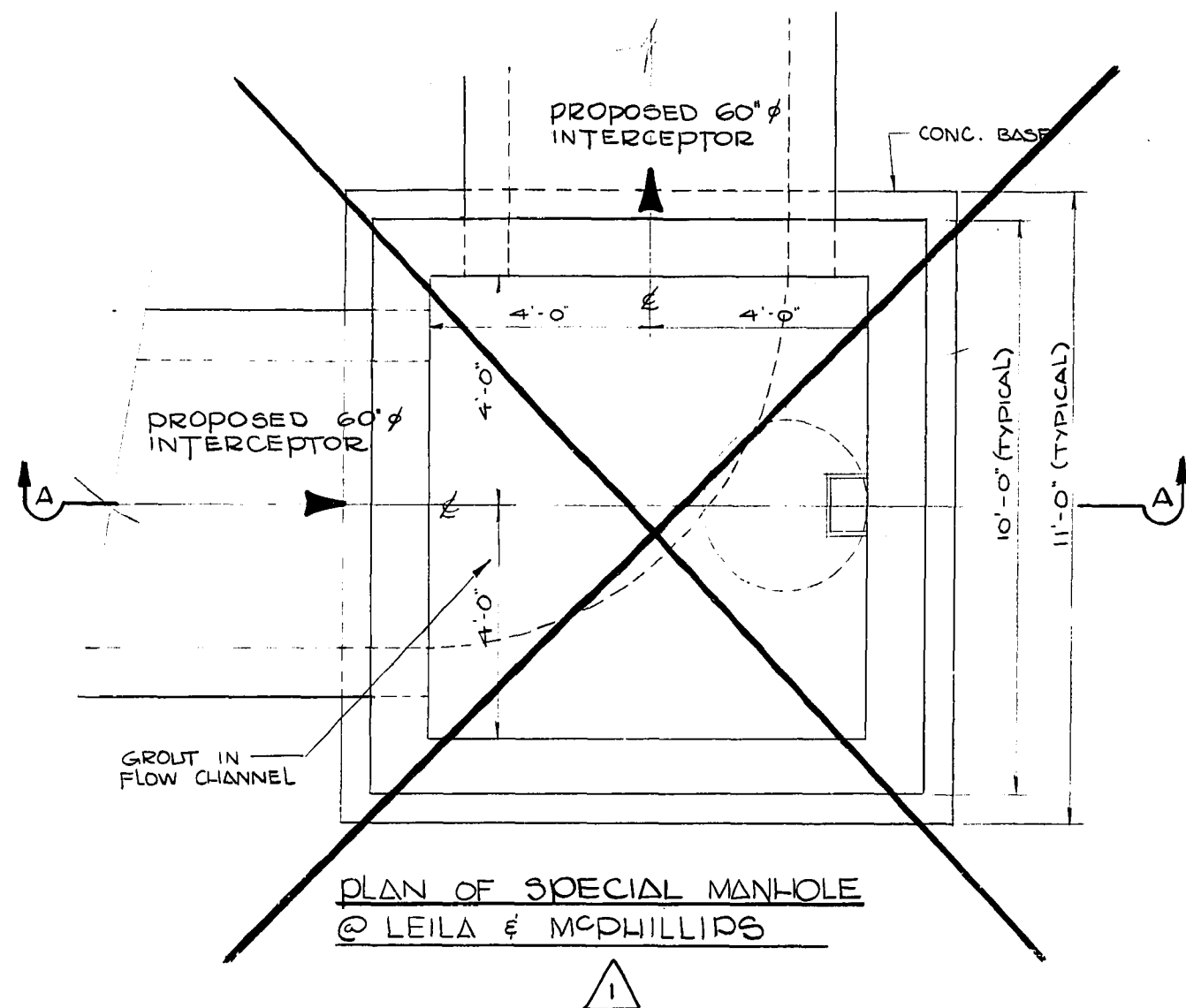
SCALE: HOR. 1" = 100'
VERT. 1" = 4'-0"

DRAWING NO. **907**

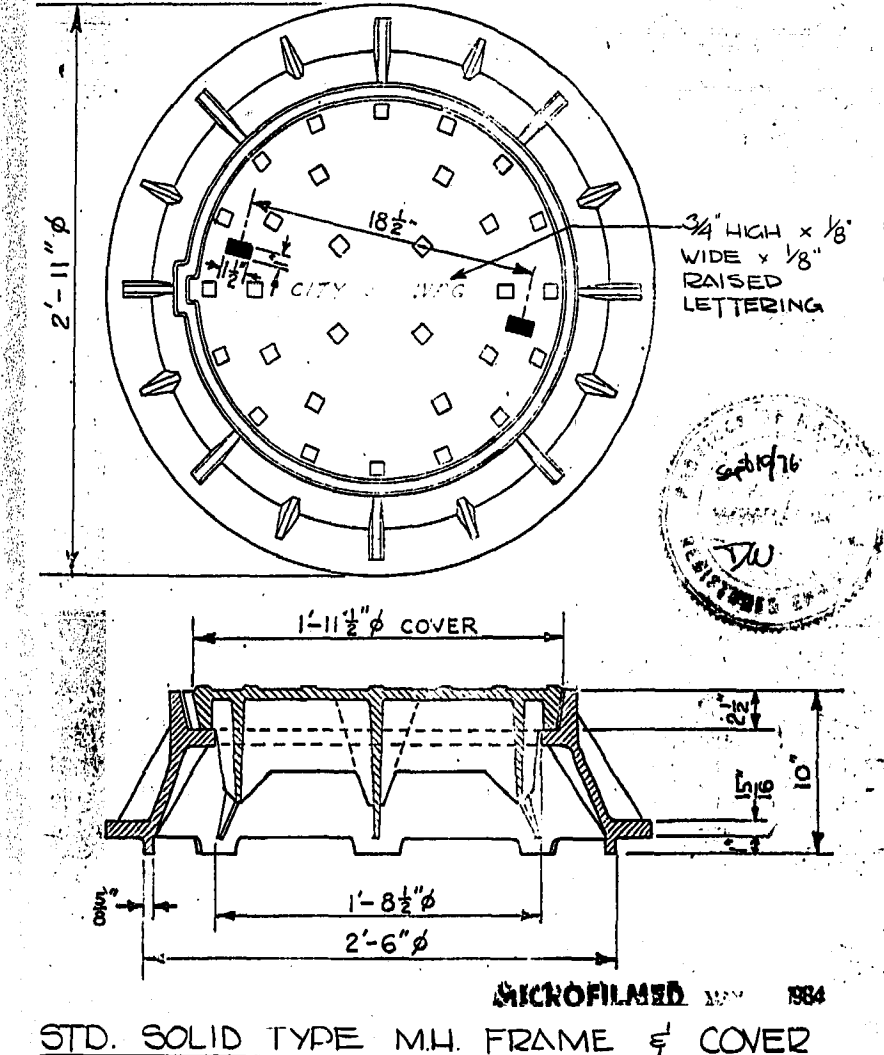
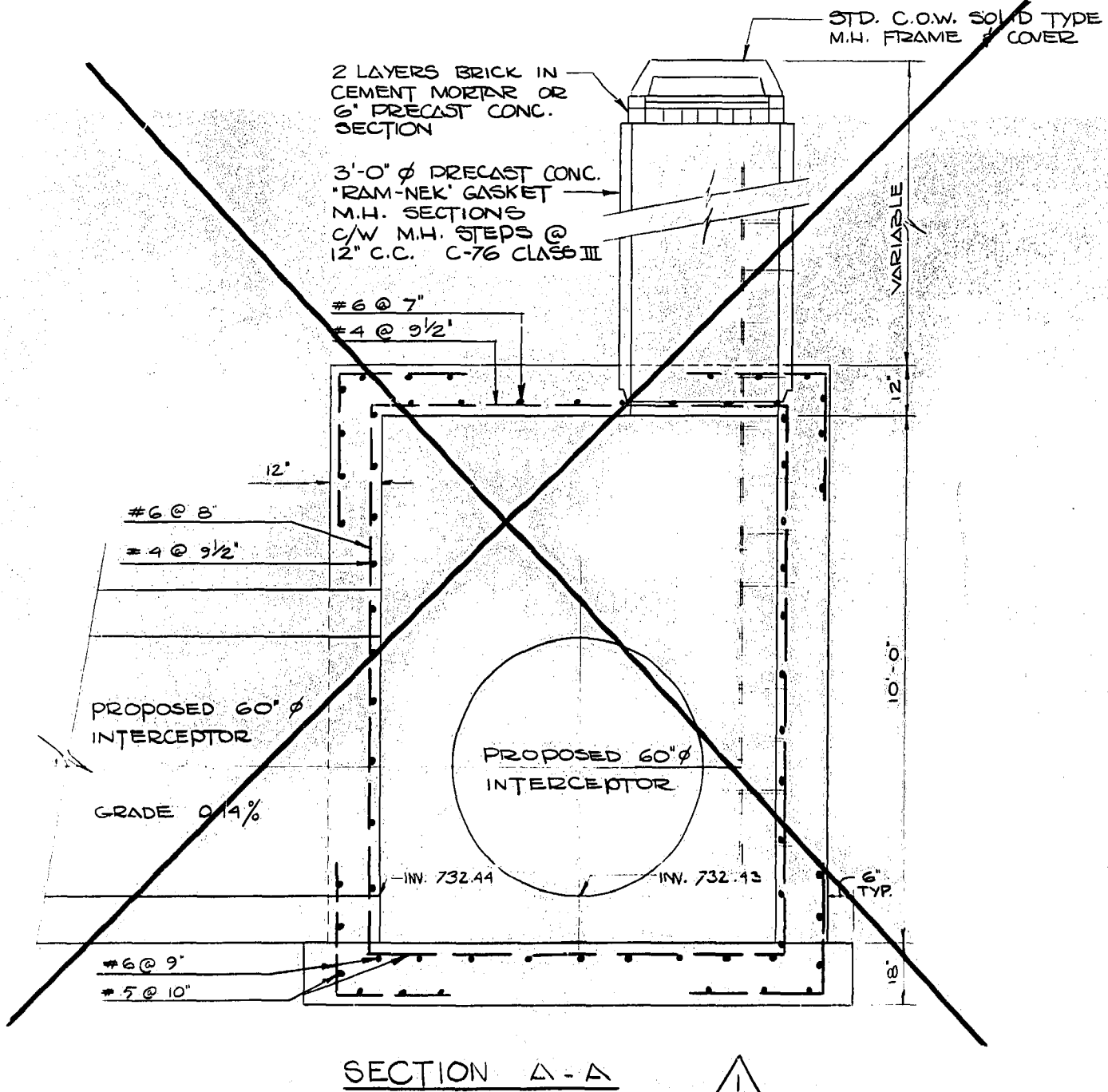
DATE: JULY 5, 1977

DRAWN BY: L.A.N.

file # 1N10469

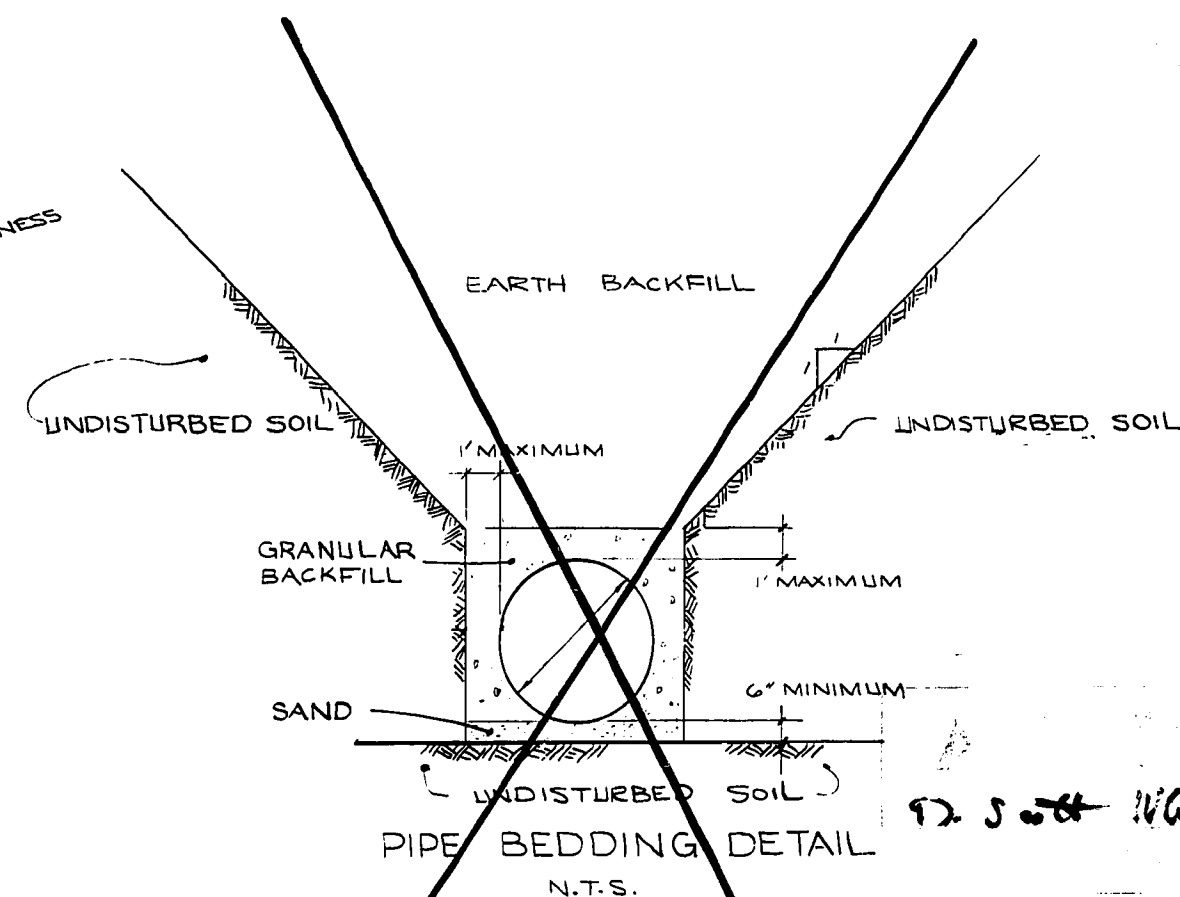
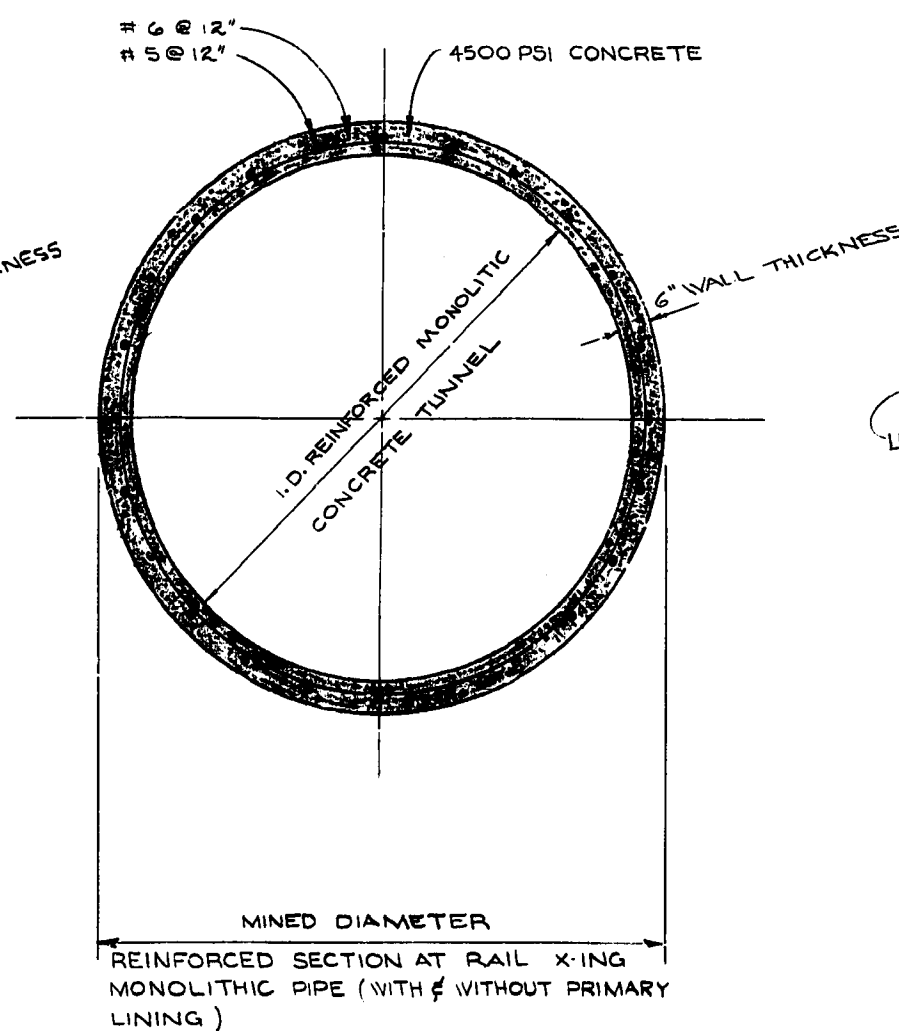
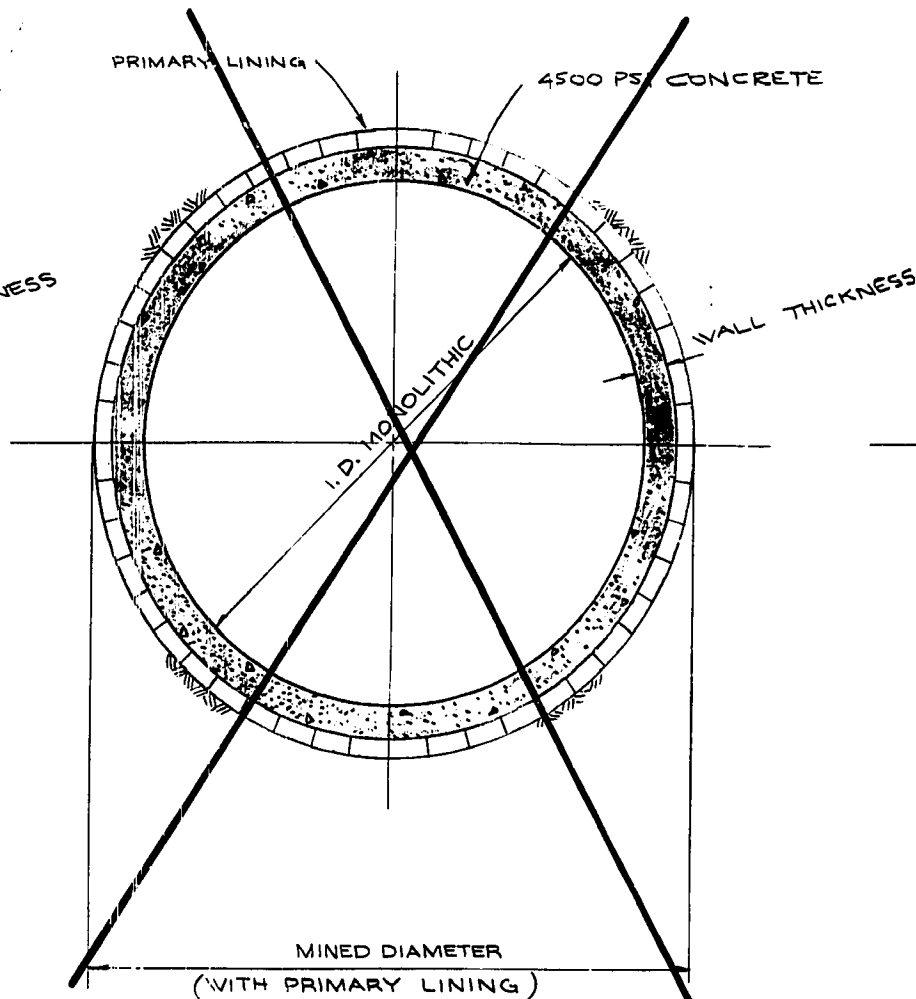
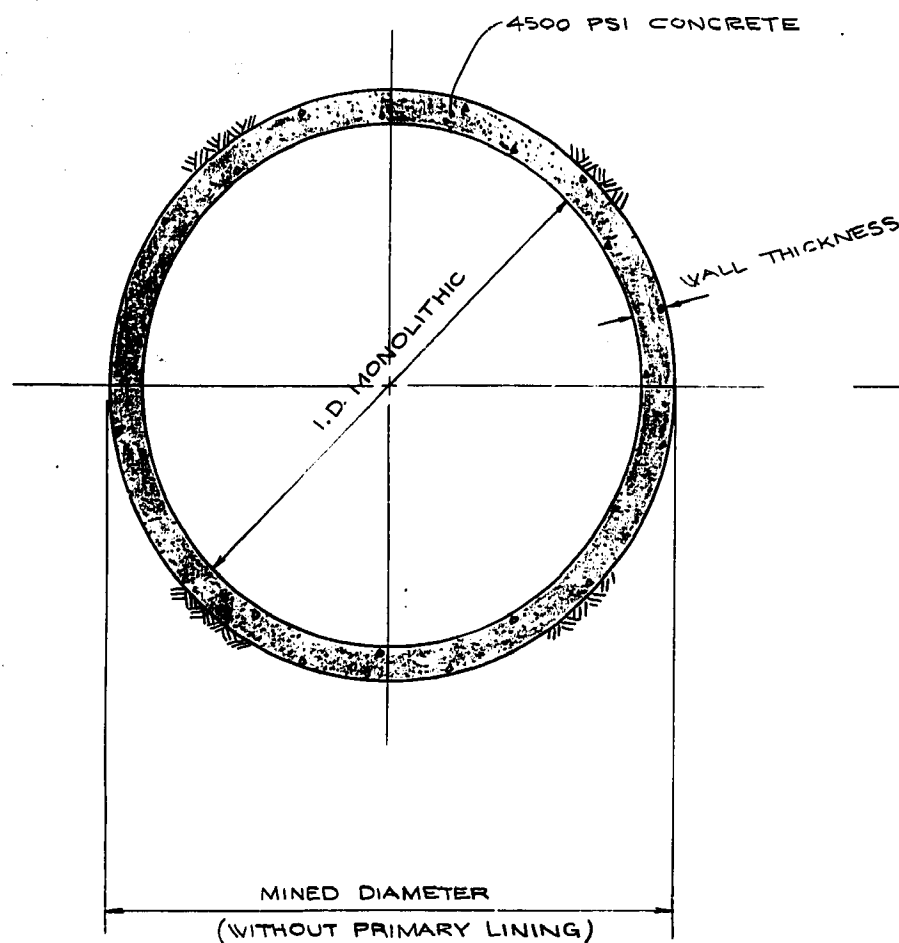


STANDARD 60" Ø MONOLITHIC M.H.



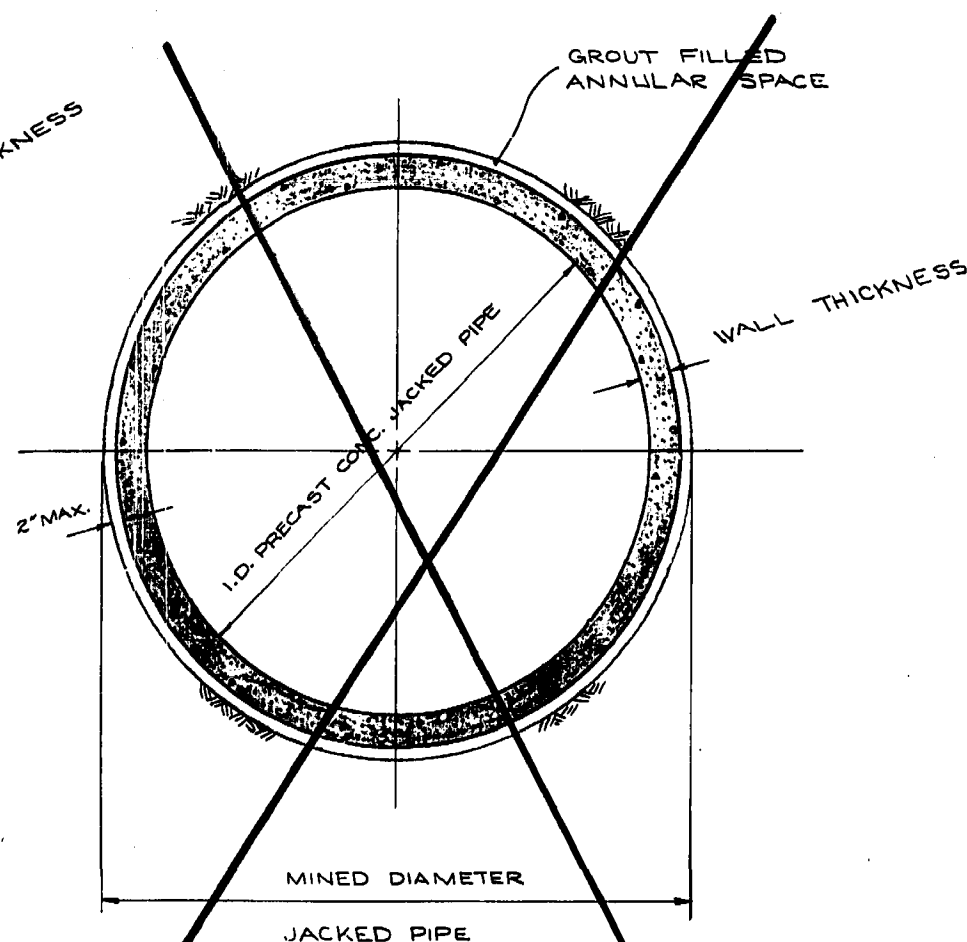
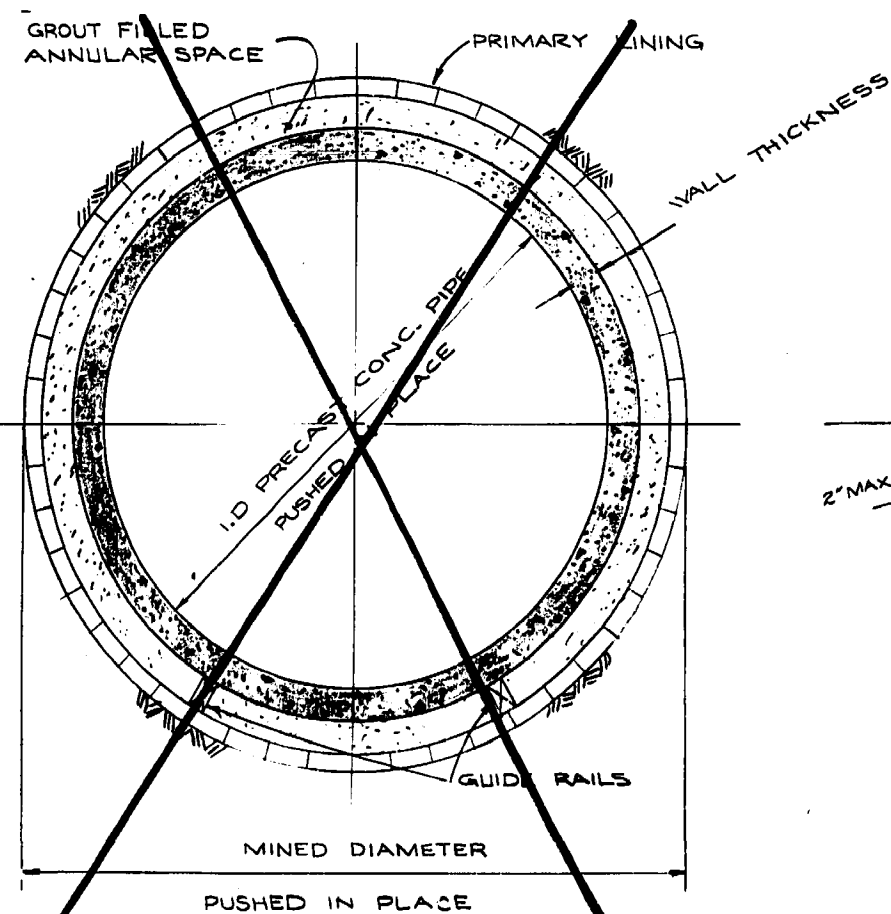
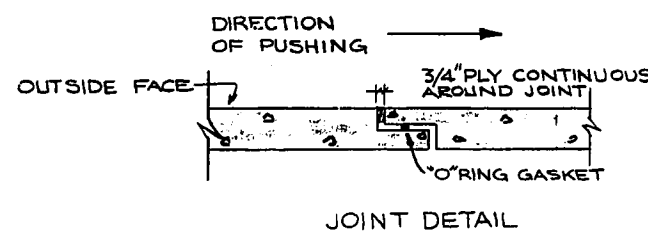
D. S. Walker 751120

DELETED SPECIAL M.H. DETAILS AS PER AS-BUILT		78-1010/LAN.
NO.	DESCRIPTION	DATE BY
REVISIONS		
FIELD BOOK(S) NO. LAND SURVEY PLAN(S) NO. B. M.		SURVEYED BY DATE
The City of Winnipeg Waterworks, Waste and Disposal Division		
ENGINEERING BRANCH WASTE DISPOSAL		
NORTH-WEST INTERCEPTOR LEILA TO N.E.W.P.C.C. SECTION 'A' LEILA TO BERGEN MANHOLE DETAILS		
DESIGNED BY C. H. H.	DRAWN BY L. A. N.	
CHECKED BY [Signature]	DATE	
APPROVED BY [Signature]		
SCALE 1/2" = 1'-0"	DRAWING NO. 881	



NOTE
SEE SECTION 20 PIPE
BEDDING & BACKFILL FOR
OPEN CUT CONSTRUCTION
FOR BEDDING MATERIALS

92.5 ~~5.5~~ Valley Cross 78 1170



ALTERNATIVE PIPE SECTIONS
N.T.S.

I. D.	WALL THICKNESS	CIRCULAR BARS	LONGITUDINAL BARS
54"	6"	#6 @ 12"	#5 @ 12"
60"	6"	#6 @ 12"	#5 @ 12"
66"			
72"			
78"			
84"			
90"			
96"			

X-SECTIONS NOT APPLICABLE TO THIS 78-10-10 LAN.
CONTRACT REMOVED

REVISIONS

FIELD BOOK(S) NO. SURVEYED BY
LAND SURVEY PLAN(S) NO. DATE
B. M.

The City of Winnipeg
Waterworks, Waste and Disposal Division

DEPARTMENT ENGINEERING BRANCH
WASTE DISPOSAL

NORTH-WEST INTERCEPTOR
LEILA TO N.E.V.D.C.C.
SECTION "A": LEILA TO BERGEN
PIPE X-SECTION DETAILS

DESIGNED BY *W. A. ...*
CHECKED BY *R. ...*
APPROVED BY *R. ...*
SCALE AS NOTED
DRAWING NO. 886-A

MICROFILMED MAY 1984