NOTE: CHAINAGES SHOWN ARE ALONG HORIZONTAL ℄ OF PIPE

OPEN CUT INSTALLATION PIPE INSULATED WITH CLASS 5 BACKFILL IN EXCAVATIONS

PIPE CORED CLASS 2 BACKFILL IN EXCAVATIONS

PIPE CORED

CLASS 5 BACKFILL IN EXCAVATIONS

PIPE CORED CLASS 2 BACKFILL

PIPE CORED CLASS 5 BACK FILL IN EXCAVATIONS

ADMINISTRATION BUILDING

EXISTING GROUND

231.000
230.000
229.000
228.000
227.000
226.000

INV. EL. 230.848

FLANGE EL. 229.916

FLOOR EL. 229.573

INV.229.638

INV.229.359

INV.228.941

150 WM ABANDONED INV. 228.581

150 WM ABANDONED INV. 228.494

150 WATERMAIN

INV.228.523

150 WM ABANDONED INV. 228.387

INV. EL. 227.978

INV.228.035

INV. EL. 227.550

INV.227.649

150 WM ABANDONED INV. 227.650

INV. 227.657

INV.228.413

INV. EL. 227.108

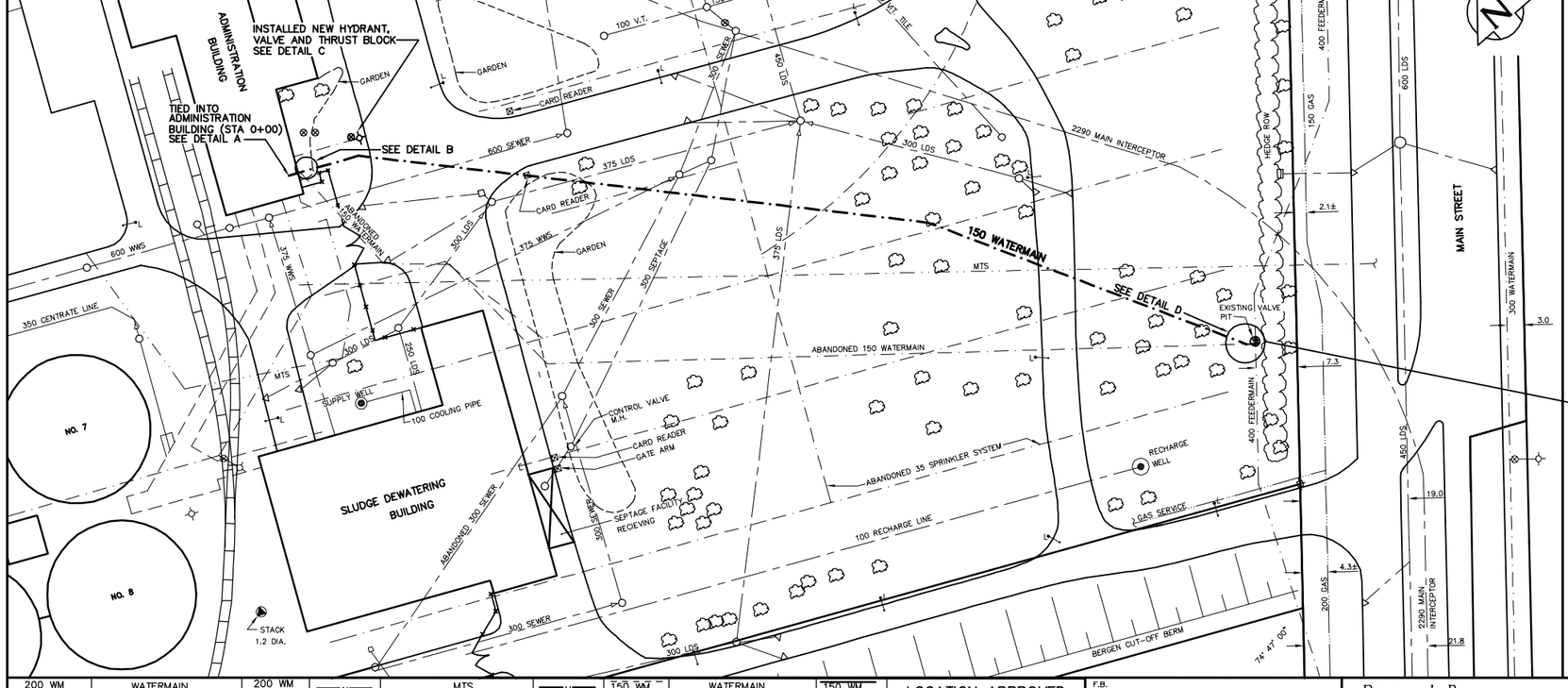
INV. EL. 226.667

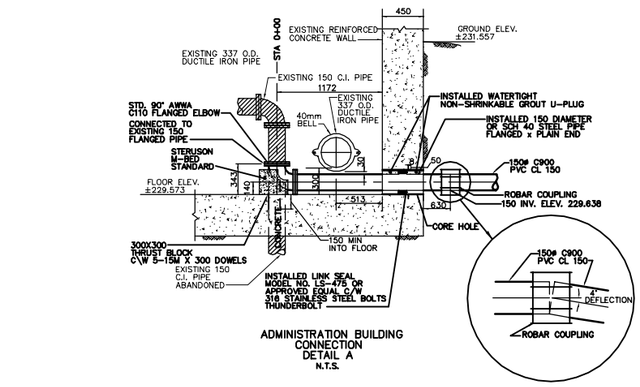
INV. EL. 226.527

INV. EL. 226.845

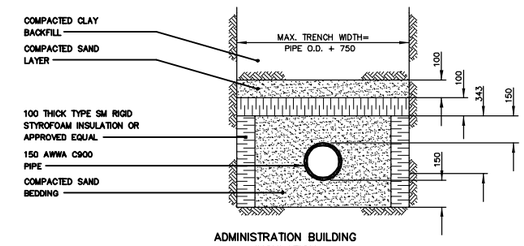
0+00 ℄ VERTICAL 150 WM PIPE
0+00.762 OUTSIDE WALL
0+1.922 ℄ COUPLING
0+4.722 STREET LIGHT CABLE
0+5.972 GRADE CHANGE
0+8.80 GRADE CHANGE
0+12.972 GRADE CHANGE 11-1/4° BEND
0+14.918 EDGE OF EXISTING CONCRETE PAV'T
0+28.885 600 SEWER
0+40.462 EDGE OF EXISTING CONCRETE PAV'T
0+50.666 375 LDS
0+64.326 375 WWS
0+68.164 300 SEWER
0+72.466 300 SEPTAGE
0+89.515 375 LDS
1+14.633 EDGE OF EXISTING CONCRETE PAV'T
1+37.518 MTS (DEPTH UNKNOWN)
1+41.80 EDGE OF EXISTING CONCRETE PAV'T
1+74.462 TIE-IN (SEE DWG. NO. D-1071)

0+50
1+00
1+14.272 11-1/4° BEND
1+50
2+00

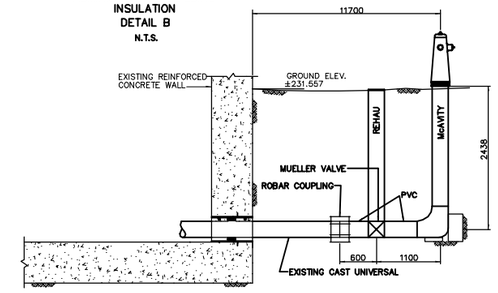




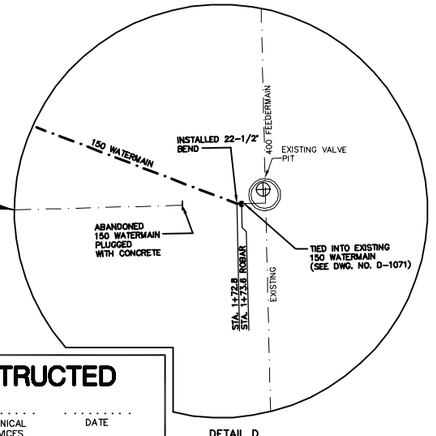
ADMINISTRATION BUILDING CONNECTION DETAIL A
N.T.S.



ADMINISTRATION BUILDING INSULATION DETAIL B
N.T.S.



ADMINISTRATION BUILDING HYDRANT CONNECTION DETAIL C
N.T.S.



DETAIL D

AS-CONSTRUCTED

INSPECTION / SURVEY ..... TECHNICAL SERVICES ..... DATE .....

WATERWORKS, WASTE & DISPOSAL DEPARTMENT

200 WM	WATERMAIN	200 WM	MTS	150 WM	WATERMAIN	150 WM
✧	HYDRANT	✦	CONCRETE	t	HYDRANT	t
⊗	VALVE	⊗	PROPERTY LINE	X	VALVE	X
525 LDS	LAND DRAINAGE SEWER	525 LDS	SURVEY BAR	300 LDS	LAND DRAINAGE SEWER	300 LDS
375 WWS	WASTEWATER SEWER	375 WWS	UNDERGROUND GALLERIES	250 WWS	WASTEWATER SEWER	250 WWS
○	MANHOLE	●	FENCE	℄	℄ PROFILE	
□	CATCH BASIN	■	POLE – HYDRO, MTS			
▽	CURB INLET	▼	RAILWAY			
	JUNCTIONS		SPRINKLER			
	CULVERT		LIGHT STANDARD			
50 GAS	GAS	50 GAS	TREE			
EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PROFILE	PROPOSED

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE ..... DATE .....

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

F.B.
B.M.
ELEV.

NO.	REVISIONS	DATE	BY
1.)	REVISED TO AS-BUILT	APR 96	WKT

Prepared By:
The Engineering Division of the Waterworks, Waste and Disposal Department

DESIGNED BY	DS	CHECKED BY	TW
DRAWN BY	WKT	APPROVED BY	
HOR. SCALE	1:500	RELEASED FOR CONSTRUCTION	
VERTICAL			
DATE	1995 11 08	DATE	

ENGINEER'S SEAL

PLOT DATE: 96-04-25
AUTOCADR12:T:\PLANTS\NORTH\NEP-2278.DWG

THE CITY OF WINNIPEG
WORKS AND OPERATIONS DIVISION
WATER AND WASTE DEPARTMENT

NORTH END WATER POLLUTION CONTROL CENTRE

WATERMAIN RENEWAL

MAIN STREET TO ADMINISTRATION BUILDING

CITY DRAWING NUMBER

SHEET OF

NEP-2278