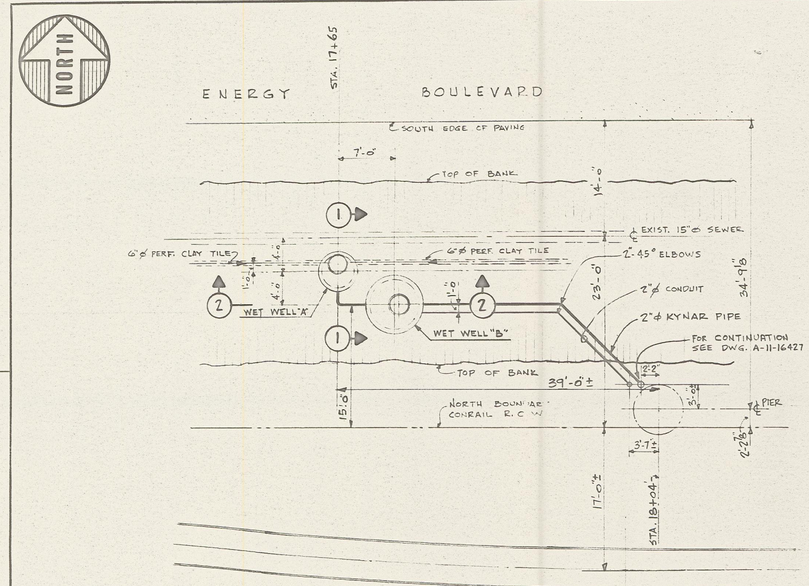
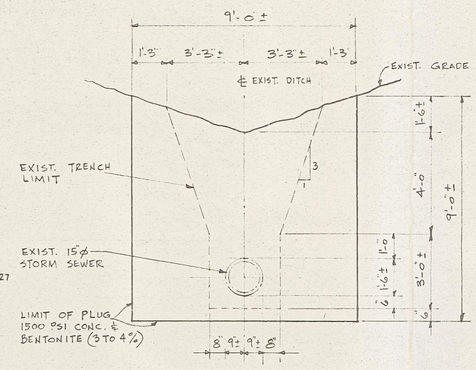
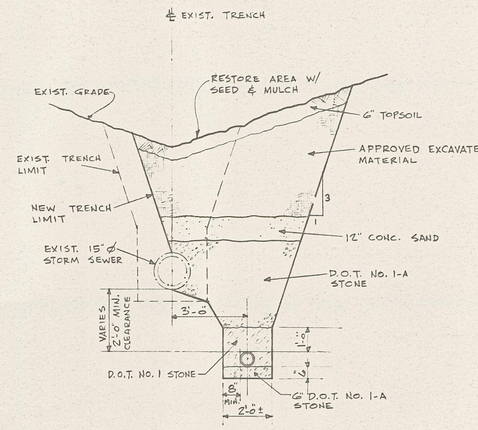


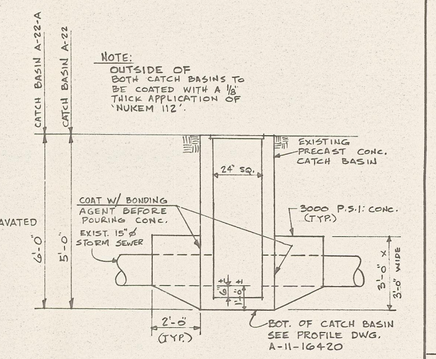
SITE PLAN AT WET WELLS
1/8" = 1'-0"



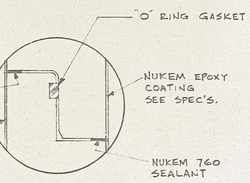
TRENCH WATERSTOP DETAIL



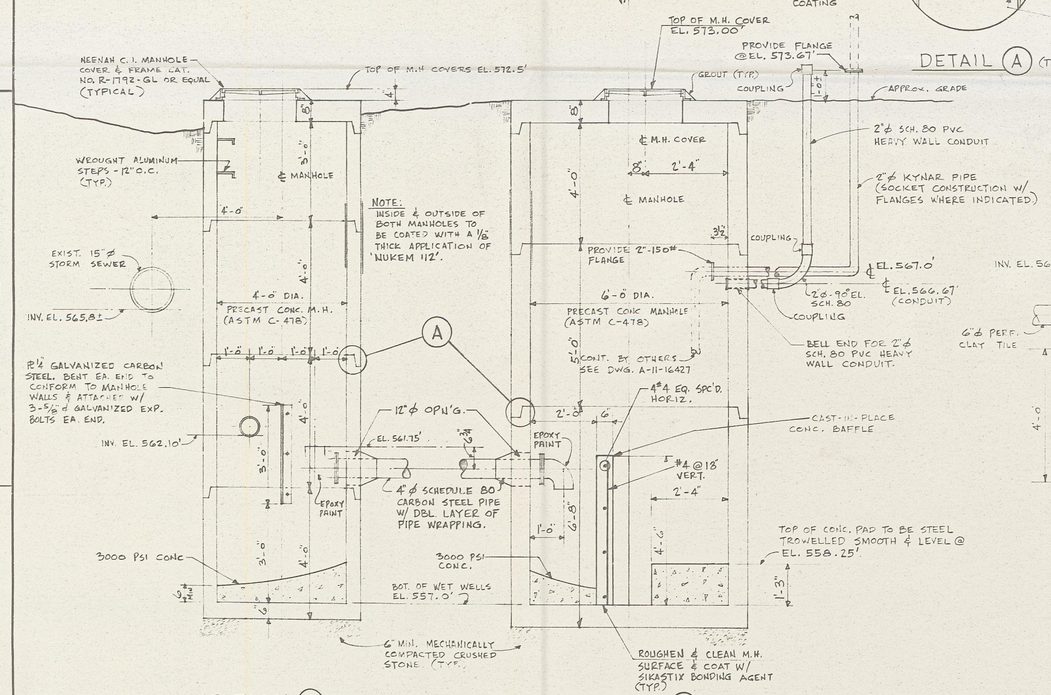
SECTION THROUGH TRENCH - TYPICAL



EXISTING CATCH BASINS (A-22 & A-22-A

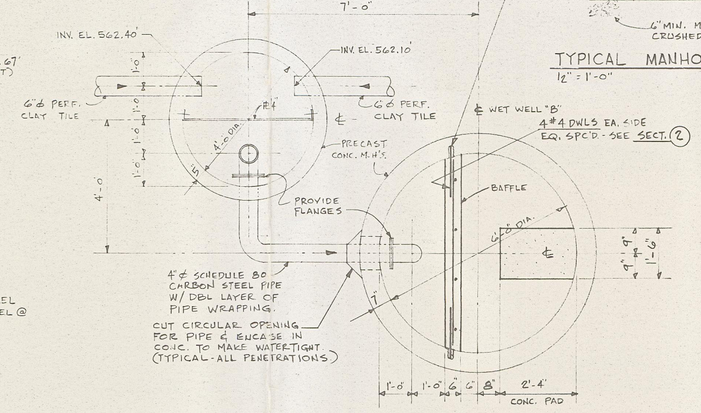


DETAIL (A) (TYPICAL)

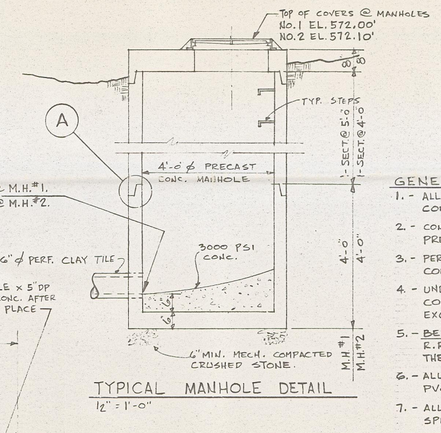


SECTION (1)
1/2" = 1'-0"

SECTION (2)
1/2" = 1'-0"



DETAILED PLAN AT WELLS
1/2" = 1'-0"



TYPICAL MANHOLE DETAIL
1/2" = 1'-0"

GENERAL NOTES:

1. - ALL PRECAST CONC. MANHOLES & CATCH BASINS TO BE KISTNER CONCRETE PRODUCTS OR APPROVED EQUAL.
2. - CONTRACTOR TO VERIFY ELEVATIONS PRIOR TO ORDERING PRECAST SECTIONS & ADJUST ACCORDINGLY.
3. - PERFORATED, EXTRA STRENGTH VITRIFIED CLAY PIPE SHALL CONFORM TO ASTM C700. (SEE SPEC'S.)
4. - UNDERGROUND PIPE SHALL BE KYNAR PIPE - SOCKET CONST. CONFORMING TO HOOKER PIPE SPECIFICATION G1724, EXCEPT WHERE INDICATED ON THE DRAWINGS.
5. - BENCHMARK ELEV. 573.53
   R.R. SPIKE IN NORTH SIDE OF THE FIRST UTILITY POLE ON THE EAST SIDE OF 47TH STREET SOUTH OF "A" STREET.
6. - ALL ELECTRICAL CONDUIT & FITTINGS SHALL BE SCHEDULE 80 PVC HEAVY WALL AS MANUF. BY CARLON OR APPROVED EQUAL.
7. - ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI SPECIFICATIONS 318-77.
8. - ALL CONCRETE SHALL DEVELOP A MIN. COMPRESSIVE STRENGTH OF 3,000 PSI @ 28 DAYS.
9. - ALL REINFORCING BARS SHOWN SHALL CONFORM TO THE REQUIREMENTS FOR ASTM A-615 GRADE 60.

AVAILABLE PLANT MAPS OF UNDERGROUND UTILITIES HAVE BEEN CHECKED FOR AREAS TO BE EXCAVATED.

		DATE
MECH. SQD. LDR.	[illegible]	5-4-81
CIVIL SQD. LDR.	[illegible]	5/1/81
ELECT. SQD. LDR.	[illegible]	5/6/81
UTILITIES SUPT.	[illegible]	5/6/81

ALL ELEVATIONS SHOWN ARE ACTUAL.

F.P.S.

NO.	REVISIONS	DRAWN	CHKD.	APP.	DATE
1	ISSUED CERTIFIED FOR CONSTRUCTION.	AJS	VOLK	[illegible]	5/4/81
0	ISSUED FOR BIDS	AJS		[illegible]	4/13/81

APPROVAL:	SQD. LDR.	ENGR.	DATE
STR. AND CIVIL	[illegible]	[illegible]	5/4/81
MECHANICAL	[illegible]		5-4-81
ELECT. AND INST.	[illegible]		5/6/81
PROCESS			
PROJECT		[illegible]	5/6/81

DRAWN BY A. J. SMITH DATE 4/21/81
DSGN. CAL. BY J. HAVAS DATE 5/6/81
CHECKED BY VOLK DATE 5/6/81

893-181-L1111

hooker NIAGARA FALLS, N.Y.

NIAGARA ENERGY BOULEVARD - GROUNDWATER DRAINAGE SYSTEM - PLANS, SECT'S. & DET'S.

SCALE AS NOTED | BLDG. NO. — | DWG. A-11-16421

C91-893 W.O.# 31201-183 GROUNDWATER DRAINAGE SYSTEM

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