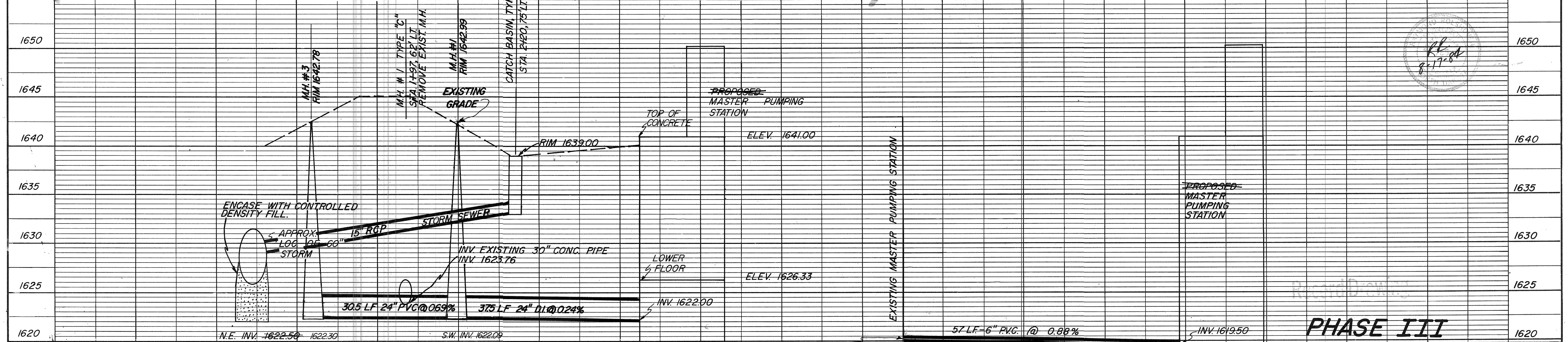


CONSTRUCTION NOTES

1. CONTRACTOR TO SHORE THE EXCAVATION ADJACENT TO THE NEW 6" P.V.C. SEWER TO PROTECT EXISTING 16" A.C. FORCEMAINS & GENERATOR BUILDING.
2. EXISTING 8" SANITARY SEWER ENE OF M.H. # 2 TO BE PLUGGED WITH CONCRETE. (INCIDENTAL TO PROJECT)
3. REMOVE & SALVAGE EXISTING 96" MANHOLE, BASE, & TOP SLAB AT STA. 1+97.62' LT. INSTALL M.H. # 1, TYPE "C".
4. EXISTING 24" SANITARY SEWER NW OF M.H. # 3 TO BE PLUGGED WITH CONCRETE. (INCIDENTAL TO PROJECT)

SUMMARY OF QUANTITIES	
MASTER PUMPING STATION	1 LS
SANITARY SEWER 24" DI	375 LF
24" PVC	305 LF
6" PVC	52 LF
SANITARY MANHOLE TYPE "C"	1 EA
STORM SEWER 15" PVC	52 LF
CATCH BASIN TYPE A	1 EA
TYPE B	2 EA
12" DI FORCEMAIN	4183 LF
12" PLUG VALVES	3 EA
DI FITTINGS	3720 LF
1" COPPER WATER SERVICE	55 LF
REMOVE 6" SIDEWALK	961 SF
REPLACE 6" SIDEWALK	961 SF
CONTROLLED DENSITY FILL	5.5 CY
6" CONCRETE SIDEWALK	106 SF
16" DI FORCEMAIN CL 50	1033 LF
16" STEEL COUPLING - 7" LONG	4 EA
8" TAPPING SADDLE & CORP.	1 EA
CURB STOP & BOX	1 EA

- Ties to 16" x 12" Tee on north forcemain**
1. 38'-10" from centerline tee to east corner of new station.
 2. 64'-7" from centerline tee to north corner of existing generator building.
- Ties to 16" x 12" tee on south forcemain**
1. 44'-10" from centerline tee to east corner of new station.
 2. 70'-6" from centerline tee to north corner of existing general building.
- 12" PE x 12" MJ bend inserted directly into tee. Tee on north forcemain is 7' west of tee on south forcemain. 16" A.C. forcemains are 3' apart.
- Ties to 1" curb stop and box**
1. 56'-2" from box to north corner of new station.
 2. 49'-5" from box to east corner of new station.



PHASE III

REV.	DATE	DESCRIPTION	BY

MANDAN INTERCEPTOR 1984
MANDAN, NORTH DAKOTA
MASTER PUMPING STATION
SITE PLAN

ULTEIG ENGINEERS, INC. FARGO-BISMARCK-MINNEAPOLIS

DRAWN BY: DJT SCALE: AS SHOWN PROJECT NO. 4241.00
 CHECKED BY: [Signature] DATE: MAY 1984 SHEET C-1 of [Total]