WAGON WHEEL UTILITY IMPROVEMENTS QUANTITIES

ITEM	ESTIMATED QUANTITIES	UNIT USED
REMOVE EXISTING MANHOLES	1	EACH
1.5"ø FORCE MAIN	2432	LF.
FLUSH CONNECTION	1	EACH
CURB VALVE AND BOX	2	EACH
8"ø PVC SANITARY SEWER	352	LF.
4'ø PRECAST CONCRETE SANITARY MANHOLE	2	EACH
CONNECTION TO EXISTING MANHOLE	1	EACH
BORE AND JACK 20"ø CASING PIPE	60	LF.
6"ø SANITARY SERVICE LEAD	20	LF.
GRINDER PUMP STATION – COMPLETE WITH ELECTRICAL AND CONCRETE PAD	LS.	LS.
CONNECTION TO EXISTING 3" WATER MAIN	2	EACH
CONNECTION TO EXISTING 1" WATERMAIN	3	EACH
3"ø WATER MAIN	209	LF.
2"ø WATER MAIN	5	LF.
1"ø WATER MAIN	40	LF
REMOVE EXISTING DRINKING FOUNTAIN	4	EACH
INSTALL NEW DRINKING FOUNTAIN PER DETAIL	4	EACH
RESTORATION	LS.	LS.

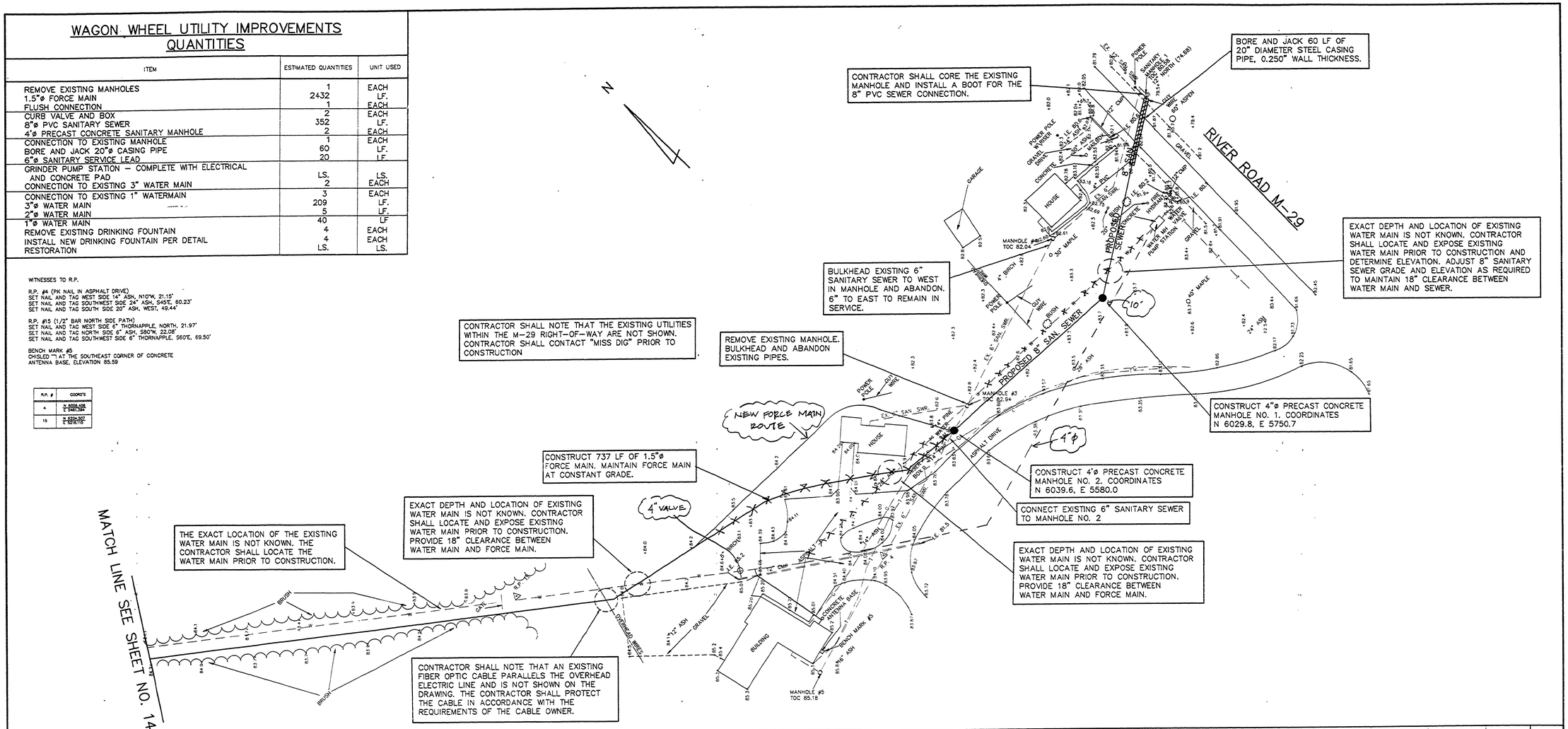
WITNESSES TO R.P.

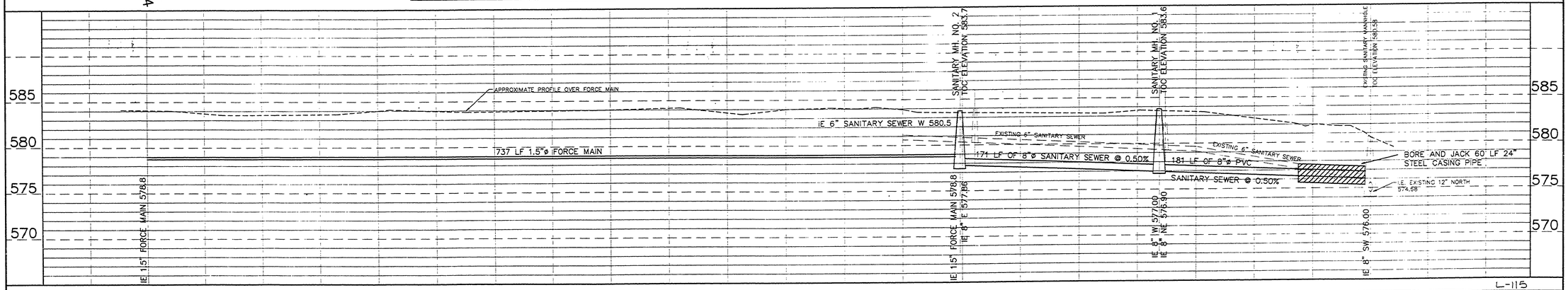
R.P. #4 (PK NAIL IN ASPHALT DRIVE)
SET NAIL AND TAG WEST SIDE 14" ASH, N10°W, 21.15'
SET NAIL AND TAG SOUTHWEST SIDE 24" ASH, S45°E, 60.23'
SET NAIL AND TAG SOUTH SIDE 20" ASH, WEST, 49.44'

R.P. #15 (1/2" BAR NORTH SIDE PATH)
SET NAIL AND TAG WEST SIDE 6" THORNAPPLE, NORTH, 21.97'
SET NAIL AND TAG NORTH SIDE 6" ASH, S80°W, 22.08'
SET NAIL AND TAG SOUTHWEST SIDE 6" THORNAPPLE, S60°E, 69.50'

BENCH MARK #5
CHISLED "T" AT THE SOUTHEAST CORNER OF CONCRETE ANTENNA BASE, ELEVATION 85.59

R.P. #	COORD'S
4	N 6009.406 E 5961.594
15	N 6004.907 E 5787.115





L-115

DRN. BY:	SAH
DES'D. BY:	GJF
CK'D BY:	GDA
APP'D BY:	

Capital Consultants, Inc. ENGINEERS

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

QUALITY OF LIFE RECREATION BOND
MICHIGAN DEPARTMENT OF NATURAL RESOURCES
PARKS DIVISION – STATE ACCT. NO. 607-75-2450-400

ALGONAC STATE PARK
SANITARY SEWER AND FORCE MAIN

SCALE: HORIZ. 1"=40'
VERT. 1"=5'
PROJ. NO.: 90103
SHEET 13 OF 17

5-21-90
0103SPPI