

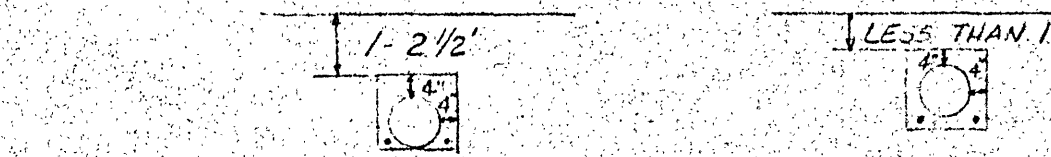
CONV#17483

GENERAL NOTES: RE SANITARY SEWER SYSTEM

1. ALL MATERIALS AND CONSTRUCTION TO CONFORM TO SPECIFICATIONS AND REQUIREMENTS OF THE ENGINEERING DEPARTMENT OF THE CITY OF ROANOKE, VIRGINIA.
2. AT STREAM CROSSING WHERE THE PIPE IS LESS THAN 2 1/2 FEET, BUT GREATER THAN 1 FOOT BELOW THE STREAM BED, THE PIPE SHALL BE CAPPED ON 3 SIDES BY 4" OF CONCRETE INCLUDING 2 #5 STEEL REINFORCING BARS WHERE THE PIPE IS LESS THAN 1 FOOT BELOW THE STREAM BED, THE PIPE SHALL BE CAPPED ON ALL SIDES WITH AT LEAST 4" OF CONCRETE INCLUDING 2 #5 STEEL REINFORCING BARS. IN BOTH INSTANCES THE CONCRETE IS TO EXTEND TO THE BOTTOM OF THE EXCAVATION OR TO STABLE MATERIAL. NO BACKFILL UNDER THE CASE OR CAP WILL BE PERMITTED. CASE AND CAP TO BE EXTENDED 5 FEET PAST THE POINT WHERE 2 1/2 FEET OF COVER IS OBTAINED.
3. INVERT OF EXISTING SANITARY SEWER CUTOFF TO BE VERIFIED BEFORE CONSTRUCTION IS BEGUN.

4. SURVEY DATUMS
TO CONVERT CITY DATUM TO OUR DATUM ADD 5.40'
TO CONVERT HWY DATUM TO OUR DATUM ADD 5.69'
TO CONVERT HWY DATUM TO CITY DATUM SUB 0.29'
5. MANHOLES ALONG CREEK PARALLELING INT 581 SHALL BE EXTENDED VERTICALLY 4 FEET MINIMUM TO 5 FEET ABOVE THE INVERT OF THE CREEK. EARTH SHALL BE SLOPED AROUND THE EXTENDED MANHOLE AND SHALL BE SLOPED A MAXIMUM 3 HORIZONTAL TO 1 VERTICAL FROM THE TOP. IN AREAS NOT ADJACENT TO THE GOLF COURSE, EXTENDED MANHOLES IN AND ADJACENT TO THE GOLF COURSE SHALL BE MOUNDING WITH EARTH SLOPED ON A 4:1 TO 1:1 10% GRADE FROM THE TOP OF MANHOLE. EXTRA STRENGTH PIPE REQUIRED WHERE COVER EXCEEDS 12 FEET.

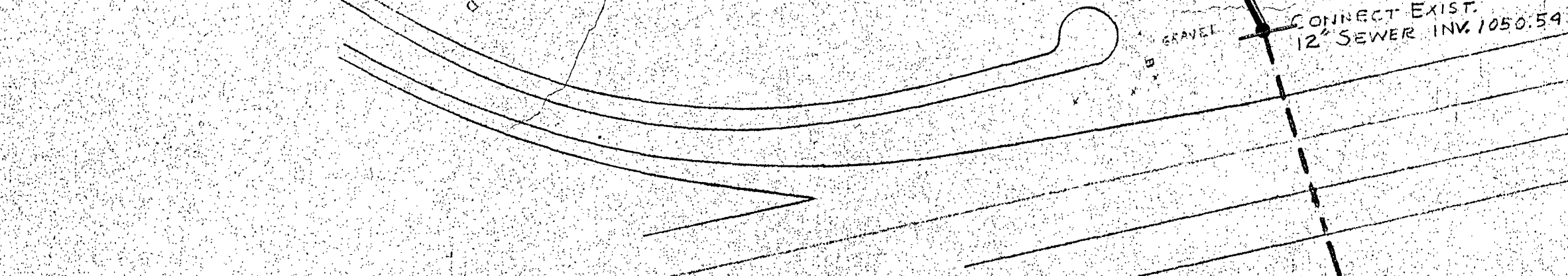
DATE	BY	REVISION
NOV 1966	W. J. L. / J. L. L.	1. AS BUILT



3. INVERT OF EXISTING SANITARY SEWER CUTOFF TO BE VERIFIED BEFORE CONSTRUCTION IS BEGUN.

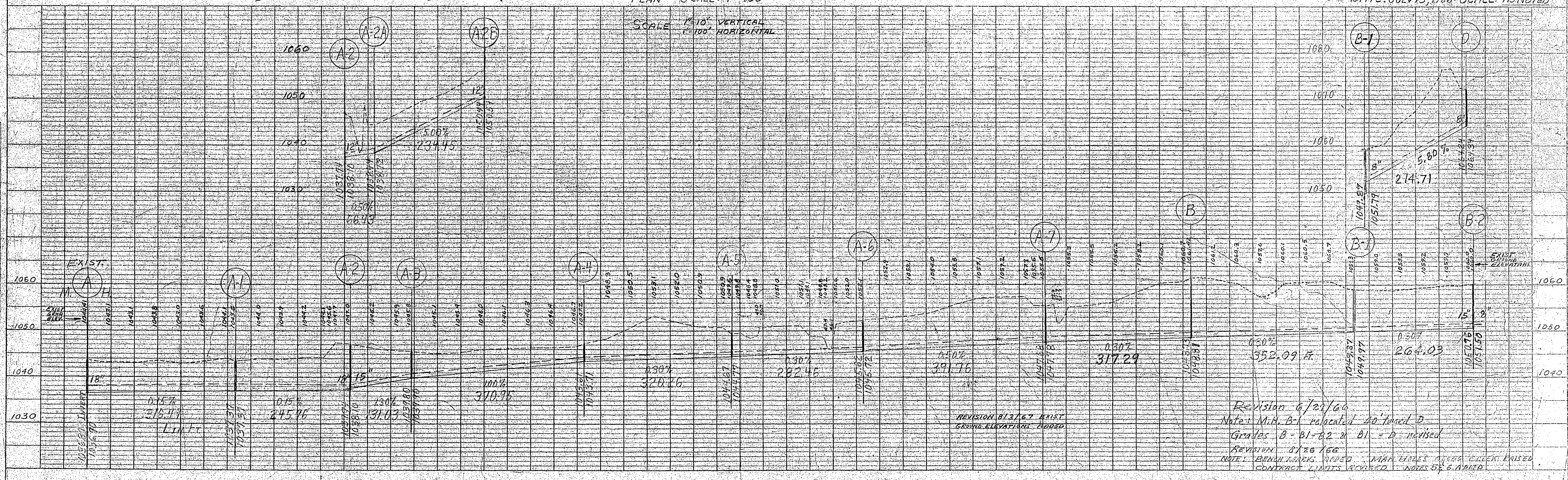
B.M. TOP HWY MON.
ELEV. = 1047.60 (A. H. C. H. A.)
= 1044.20 (CITY)
B.M. HWY MON.
ELEV. = 1047.60 (A. H. C. H. A.)
= 1044.20 (CITY)

EXIST. 18" INV 1036.87



PLAN SCALE: 1"=100'

SCALE 1"=10' VERTICAL
1"=100' HORIZONTAL



AS BUILT

SHEET SS-1
PLAN AND PROFILE
OF
PROPOSED SANITARY SEWER
IN PROPERTY OF
ARROW WOOD COUNTRY CLUB, INC.
BY: C. B. MALCOLM & SON
STATE CERT. ENGRS.
ROANOKE COUNTY, VIRGINIA
DATE: JULY 15, 1966 SCALE: AS NOTED

Revision 6/21/66
Note: M.H. B-1 relocated 40' toward D
Grades B-1-B2 & B1-D revised
Revision 8/26/66
NOTE: BENJAMIN'S NOTES MANHOLE MARKS ELEVATIONS RAISED
CONTRACT LIMITS RECORDED NOTES SEE 6 ADDED

PLATE 1 - PLAN PROFILE
B. K. ELLIOTT COMPANY
No. 481 ELLIOTT TRACING PAPER

#5153