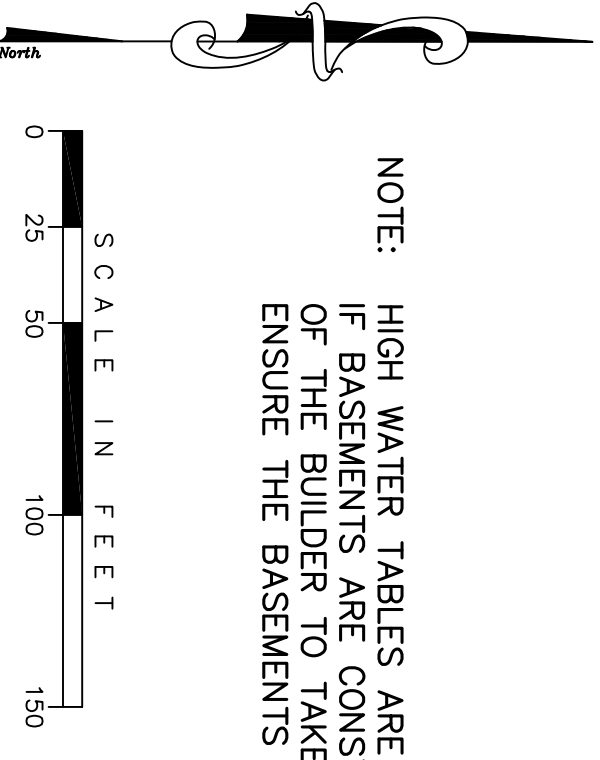
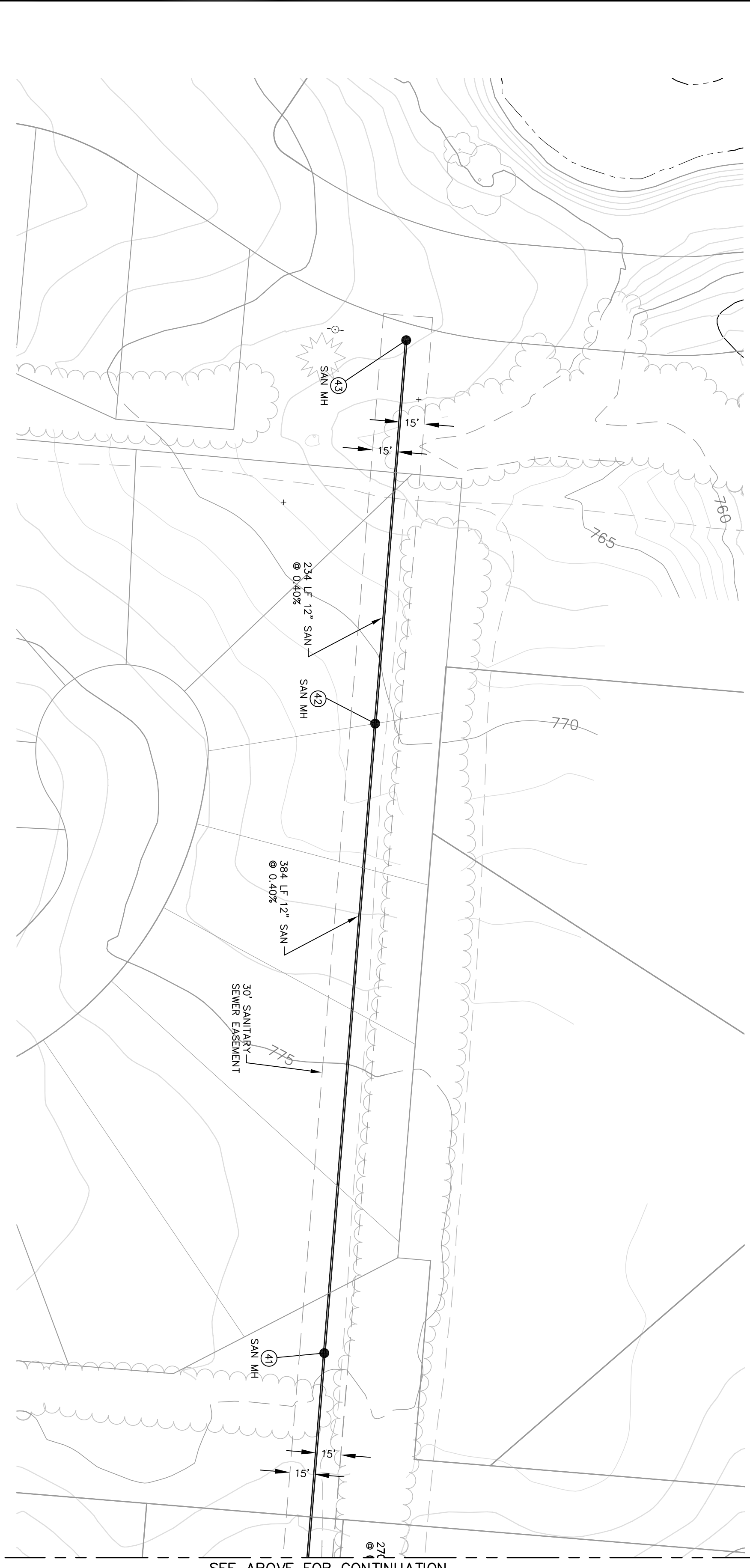


SEE BELOW FOR CONTINUATION

SEE ABOVE FOR CONTINUATION

SEE SHEET 2 FOR CONTINUATION



NOTE: HIGH WATER TABLES ARE APPARENT IN THIS AREA. IF BASEMENTS ARE CONSTRUCTED, IT IS THE RESPONSIBILITY OF THE BUILDER TO TAKE SPECIAL PRECAUTION TO ENSURE THE BASEMENTS STAY DRY.

R.J.P. = RESTRAINED JOINT PIPE

NO DRAINWAY MAY BE PLACED OVER WATER SERVICE. NO DRAINWAY MAY BE PLACED OVER SANITARY SEWER MANHOLE.

VERTICAL PIPE RESTRAINTS SCHEDULE FOR JOINTS	
DESCRIPTION	LENGTH OF PIPE TO BE RESTRAINED IN EACH DIRECTION FROM CENTERLINE OF BEND, EXCEPT AS NOTED BELOW
11 1/4" UP BEND	8'
11 1/4" DOWN BEND	12'
22 1/2" UP BEND	11'
22 1/2" DOWN BEND	24'
45° DOWN BEND	6'
DEAD END	6'

HORIZONTAL PIPE RESTRAINTS SCHEDULE FOR JOINTS	
DESCRIPTION	LENGTH OF PIPE TO BE RESTRAINED IN EACH DIRECTION FROM CENTERLINE OF BEND, EXCEPT AS NOTED BELOW
90° BEND	4'
45° BEND	18'
22 1/2" UP BEND	9'
11 1/4" BEND	4'

UNLESS OTHERWISE DESIGNATED ON THE ORIGINAL PLAN, PRIVATE DRAINAGE EASEMENT SHALL EXIST ALONG ALL COMMON LOT LINES. THE COMMON LOT LINE BEING THE CENTERLINE OF SAID EASEMENT.

UNDERGROUND UTILITIES
 2 WORKING DAYS
BEFORE YOU DIG
 OHIO UTILITIES PROTECTION SERVICE (OUPS)
 CALL: 800-362-2764 (Toll Free)
 CALL: 800-925-0988 (Toll Free)
 OHIO PROTECTION SERVICE (OPS)
 NON-MEMBERS MUST BE CALLED DIRECTLY



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Drawn By	NAK	Project Mgr.	JJC
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Date	05/23/13		
No. Revision/Issue	By	Date	
1	BCWS	06/11/13	
2	UPDATE	07/02/13	

CARRIAGE HILL AKA: WINDING CREEK SECTION 5

SECTION 32, TOWN 3, RANGE 3
 LIBERTY TOWNSHIP
 BUTLER COUNTY, OHIO

Sheet Title	IMPROVEMENT PLAN & PROFILE
Project No.	04476.01
Scale	1"=50'
Sheet No.	3/11
File No.	04-476