



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.

LENGTH OF PIPE TO BE RESTRAINED IN EACH DIRECTION FROM CENTERLINE OF BEND, EXCEPT AS NOTED BELOW

DESCRIPTION	8"
90° BEND	59'
45° BEND	24'
22 1/2° BEND	12'
11 1/4° BEND	6'
8" x 6" TEE	41' BRANCH

**HORIZONTAL
PIPE RESTRAINTS
SCHEDULE FOR JOINTS**

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

LENGTH OF PIPE TO BE RESTRAINED IN EACH DIRECTION FROM CENTERLINE OF BEND, EXCEPT AS NOTED BELOW

DESCRIPTION	8"
11 1/4° UP BEND	6'
11 1/4° DOWN BEND	11'
22 1/2° UP BEND	12'
22 1/2° DOWN BEND	22'
45° UP BEND	24'
45° DOWN BEND	24'
DEAD END	54'

VERTICAL

SCALE IN FEET

0 25 50 100 150

UNDERGROUND UTILITIES

2 WORKING DAYS
BEFORE YOU DIG

CALL...800-362-2764 (Toll Free)
OHIO UTILITIES PROTECTION SERVICE (OUPS)

CALL...800-925-0988 (Toll Free)
OHIO OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OOGUPS)

NON-MEMBERS MUST BE CALLED DIRECTLY

MSP

McGill Smith Punshon, Inc.
3700 Park 42 Drive • Suite 190B
Cincinnati, Ohio 45241-2097
Tel 513.759.0004 • Fax 513.563.7099
www.mcgillsmithpunshon.com
Engineers • Architects • Surveyors
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Drawn By NAK Project Mgr. RA
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Date 07/10/17

No.	Revision/Issue	By	Date
1	BCWS COMMENTS	RA	07/21/17
2	STORM SEWER & GRADING	RA	08/31/17

**WINDING CREEK
SECTION SEVENTEEN
AKA CARRIAGE HILL
SECTION SEVENTEEN**

SECTION 2, TOWN 2, RANGE 3
LIBERTY TOWNSHIP
BUTLER COUNTY, OHIO

Sheet Title IMPROVEMENT PLAN

Project No. 04476.06
Scale 1"=50'
Sheet No. 2/10
File No. 04-476

NOTE: CONSTRUCTION TRAFFIC FROM TROITERS WAY IS PROHIBITED.