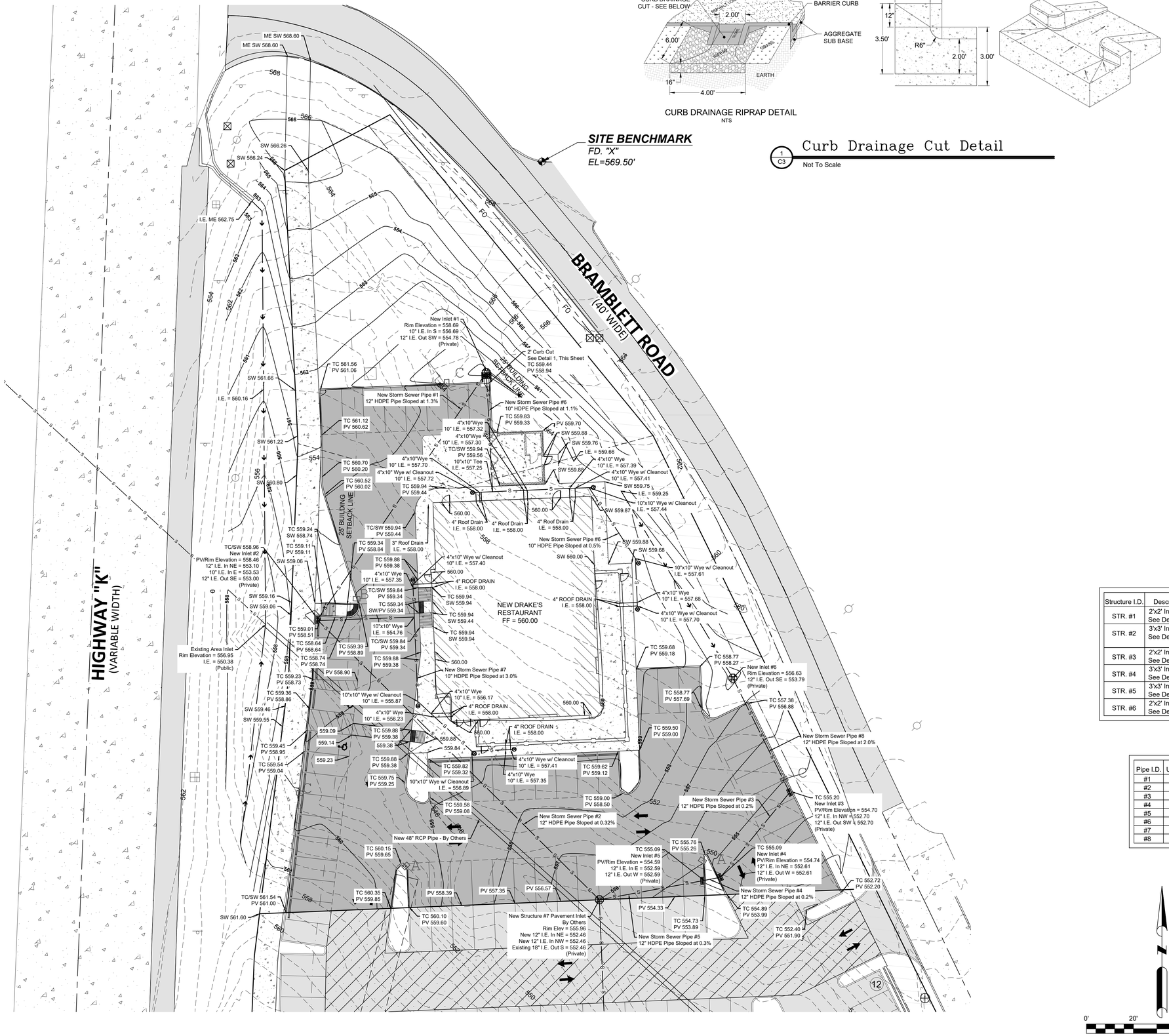

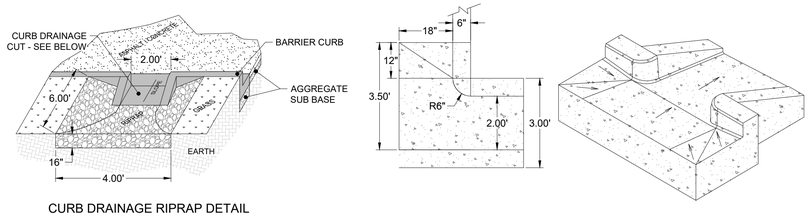

CURB DRAINAGE RIPRAP DETAIL
NTS

1 / C3 Curb Drainage Cut Detail

Not To Scale

Legend

These standard symbols may be found in the drawing.

W	Water Line
SS	Sanitary Sewer Main
X	Fence
470	Existing Contours
UGT	Underground Telephone
S S	Storm Sewer
460	Proposed Contours
OHE	Overhead Utility Lines
G	Gas Lines
	Swale
Iron Pin	Sanitary Sewer Manhole
Parking Bumper	Sign
Bollard	Water Meter
Soil Boring Location	Water Valve
Sanitary Sewer Cleanout	Utility Pole
Gas Meter	TBR To Be Removed
Storm Sewer Curb Inlet	TC Top of Curb
Storm Sewer MH/Open Lid	PV Pavement
Light Pole or Traffic Light	ME Match Existing
Storm Sewer Manhole	470.0 Grade point
Tree	30 Number of Parking Spaces
Mag Nail	
Existing Concrete	New Concrete Walk/Pavement
Existing Pavement	New Asphalt
	Parking Maintenance Area

Storm Sewer Notes

HDPE pipe is to be N-12WT or equal and to meet ASTM F1417 water tight field test.

All Storm Sewer Inlets to be marked with ACP International 3 7/8" lettering reading "No Dumping Drains to Waterways (SD-W-CC)" in crystal cap.

Rock backfill all storm sewers within 10 ft. of the edge of pavement and that lie within the 1:1 shear plane of the pavement.

Structure Table

Structure I.D.	Description	Casting	Rim Elev	Invert Elev
STR. #1	2'x2' Inlet See Detail 1, Sheet C3	Neenah R-4350 Type D	558.69'	10" In-S = 556.69' 12" Out SW = 554.78'
STR. #2	3'x3' Inlet See Detail 1, Sheet C3	Neenah R-3070 Type A	558.46'	12" In-NE = 553.55' 10" In-E = 553.53' 12" Out-SE = 553.00'
STR. #3	2'x2' Inlet See Detail 1, Sheet C3	Neenah R-3070 Type A	554.70'	12" Out-SW = 552.70'
STR. #4	3'x3' Inlet See Detail 1, Sheet C3	Neenah R-3070 Type A	554.74'	12" In-NE = 552.61' 12" Out-SW = 552.61'
STR. #5	3'x3' Inlet See Detail 1, Sheet C3	Neenah R-3070 Type A	554.59'	12" In-E = 552.59' 12" Out-SW = 552.59'
STR. #6	2'x2' Inlet See Detail 1, Sheet C3	Neenah R-4350 Type D	556.63'	12" Out-SE = 553.79'

Pipe Table

Pipe I.D.	Upstream Str.	Downstream Str.	Length	Type	Slope
#1	STR. #1	STR #2	128'	12" HDPE	1.3%
#2	STR #2	STR #7-BY OTHERS	169'	12" HDPE	0.32%
#3	STR #3	STR #4	47'	12" HDPE	0.2%
#4	STR. #4	STR #5	7'	12" HDPE	0.2%
#5	STR. #5	STR #7-BY OTHERS	45'	12" HDPE	0.3%
#6	BLDG	STR #1	155'	10" HDPE	0.5%/1.1%
#7	BLDG	STR #2	110'	10" HDPE	3.0%
#8	STR #6	STR #3	54'	12" HDPE	2.0%

0' 20' 40' 60'

Missouri One Call System, Inc. is open 7 days a week, 24 hours a day to process locate requests or address questions regarding a locate request. The toll free number is 1-800-344-7483 or 811 (the National three digit call before you dig phone number).

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REVISIONS

NO.	DESCRIPTION	DATE
	CONSTRUCTION DOCUMENTS	11/29/22

MICHAEL E. NEIKIRK PE
Civil Engineer
306 North Market Street, Ste 101
Mt. Carmel, IL 62863
Phone: (618) 263-4100

SCALE:	1"=20'
DRAWN BY:	RM
DESIGNER:	TJL,RM
CHECKED BY:	TJL
ENGINEER:	Michael E. Neikirk
ARCHITECT:	IDesign
OWNER:	Bluegrass Hospitality Group

STATE OF MISSOURI
MICHAEL E. NEIKIRK
NUMBER PE-2005010806
PROFESSIONAL ENGINEER

CERTIFIED BY _____

JOB TITLE
DRAKE'S RESTAURANT
900 HIGHWAY K
O'FALLON, MO

DRAWING TITLE
GRADING AND DRAINAGE PLAN

FILE LOCATION

DRAWING NUMBER
C4.0

REV #