GRADING & DRAINAGE PLAN LEGEND	
104	PROPOSED CONTOUR
341.25	SPOT ELEVATION
2.5%	SLOPE ARROW
	UNDERGROUND DRAIN LINE

IMPERVIOUS AREAS IN ORANGE FLOW DIRECTLY TO ROADSIDE DITCH

IMPERVIOUS AREAS IN PURPLE FLOW INTO BASIN 2

IMPERVIOUS AREAS IN GREEN FLOW INTO BASIN 4

IMPERVIOUS AREAS IN YELLOW FLOW INTO CATCH BASIN, BEFORE ENTERING PIPE TO ROADSIDE DITCH

IMPERVIOUS AREAS IN LIGHT BLUE FLOW INTO BASIN 3

BASIN A, OVEFLOWS INTO BASIN D

BASIN B (OVERFLOWS INTO BASIN C)

BASIN C (OVERFLOWS INTO BASIN D)

BASIN D (OVERFLOWS INTO ADJACENT STREAM CHANNEL)

CENTERLINE OF PAVEMENT

DISTURBANCE

PAVED PARKING

ROOF GUTTERS

CURB

CATCH BASIN 1
RIM: 104.00
INVERT IN: 102.07
INVERT OUT:102.07
BOTTOM: 100.00

PIPE

122" DIA. PVC CULVERT

LIMITS OF DISTURBANCE

EXISTING CULVERT
INVERT OUT +/- 101.00

DRAIN OUTLET
INVERT 101.25

GAS VALVE

PIN

FFE +/- 107.25

FFE +/- 107.25

AREA DRAIN
RIM: 106.50
INVERT OUT:105

FFE +/- 108.25

FFE +/- 108.25

OVERFLOW RIM:
105.25

DRAIN OUTLET
INVERT 104.00

BIORETENTION BASIN

DRAIN OUTLET
INVERT 105.00

FFE +/- 106.00

FFE +/- 106.00

FFE +/- 106.25

FFE +/- 106.25

LIMITS OF DISTURBANCE

ROOF GUTTERS DRAIN TO CENT

109 S. QUARRY ST
INSTR. NO. 590008-0
TAX MAP NO. 15-4-

QUARRY ST
INSTR. NO. 39705

S 61°28'18" E
190.24'

S 68°26'29"
108.42'

88.58'

S 2°00'44" W

APPROXIMATE LOCATION 6" WATER LINE (VIF)

NYSEG GAS LINE EASE. L.370/P.273

OVERHEAD ELECTRIC

6" WATER LINE

STORM SEWER

SANITARY SEWER

GAS LINE

5%

0' 12' 24' 36'

N

WHITHAM
PLANNING DESIGN LANDSCAPE ARCHITECTURE, PLLC
142 East State Street Suite B Ithaca NY 14850

PROGRESS PRINT
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SEAL

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BY

DATE

UPLAND ESTATES
Mark Mecenas
E. Upland Rd.
Cayuga Heights, NY 14850

DRAINAGE DIAGRAM

1"=12'
SCALE

202425	JvM, MM
PROJECT NO.	DRAWN BY
9/25/2026	JvM
DATE	CHECKED BY

L-004