



FCE UCONN
159 DISCOVERY DRIVE
STORRS, CONNECTICUT 06269

CONSULTANTS
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CLA Project #: 7796

MAP REFERENCE
TOPOGRAPHIC SURVEY, UCONN INNOVATION PARTNERSHIP BUILDING (LOT C), 159 DISCOVERY DRIVE, MANSFIELD, CONNECTICUT, PREPARED BY LANGAN CT, INC. 555 LONG WHARF DRIVE, NEW HAVEN, CT 06511, PROJECT NO. 140288001, DRAWING NO. VT101, SHEET 1 OF 1, DATED APRIL 23, 2024

LEGEND TO DRAWING

ELECTRIC	PROPOSED	E
WATER		W
GAS		G
CONTOUR		000
SPOT ELEVATION		000.0 x
SILT FENCE/WATTLE		SF
CHAIN LINK FENCE		[Symbol]
BIT. PAVEMENT SECTION		[Symbol]



STORMWATER MANAGEMENT BASIN INFORMATION

1. THE STORMWATER MANAGEMENT BASIN HAS BEEN SIZED TO STORE AND RETAIN THE WATER QUALITY VOLUME FOR THE PROPOSED IMPERVIOUS AREA IN ACCORDANCE WITH THE 2024 CTDEEP CONNECTICUT STORMWATER QUALITY MANUAL.
2. FILL MATERIAL IN THE BASIN AREA SHOULD BE REMOVED. BACKFILL WITH FREE DRAINING MATERIAL AS NEEDED.
3. SEE THE CONSTRUCTION DETAILS FOR PERVIOUS TOPSOIL THICKNESS AND SPECIFICATION.
4. PROVIDE THE SPECIFIED NEW ENGLAND WETLAND PLANTS SEED MIX BELOW THE OUTLET ELEVATION.

Stormwater Management Basin	
Water Quality Volume (WQV)	
Sizing in Accordance with Chapter 4 of the DEEP 2024 Storm Water Quality Manual	
Water Quality Volume (WQV) = (P)(R)(A) / 12	
P = 1.3"	
R = 0.05 + 0.009(I)	
I = percent of impervious cover	
A = watershed area	
Total Watershed Area (Ac.):	0.22
Watershed Impervious Area (Ac.):	0.12
I =	54.5%
R =	0.541
Required WQV =	0.0129 Ac.-Ft
	561.6 CF
Volume Provided in the SWMB Below the Outlet:	596 CF

STAMP

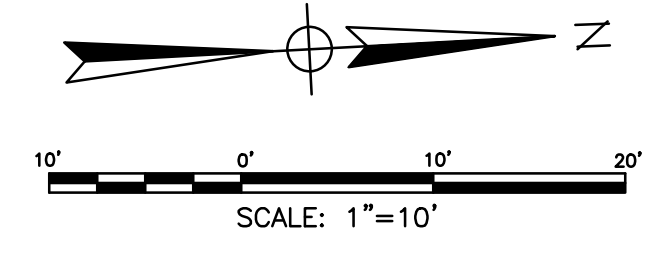
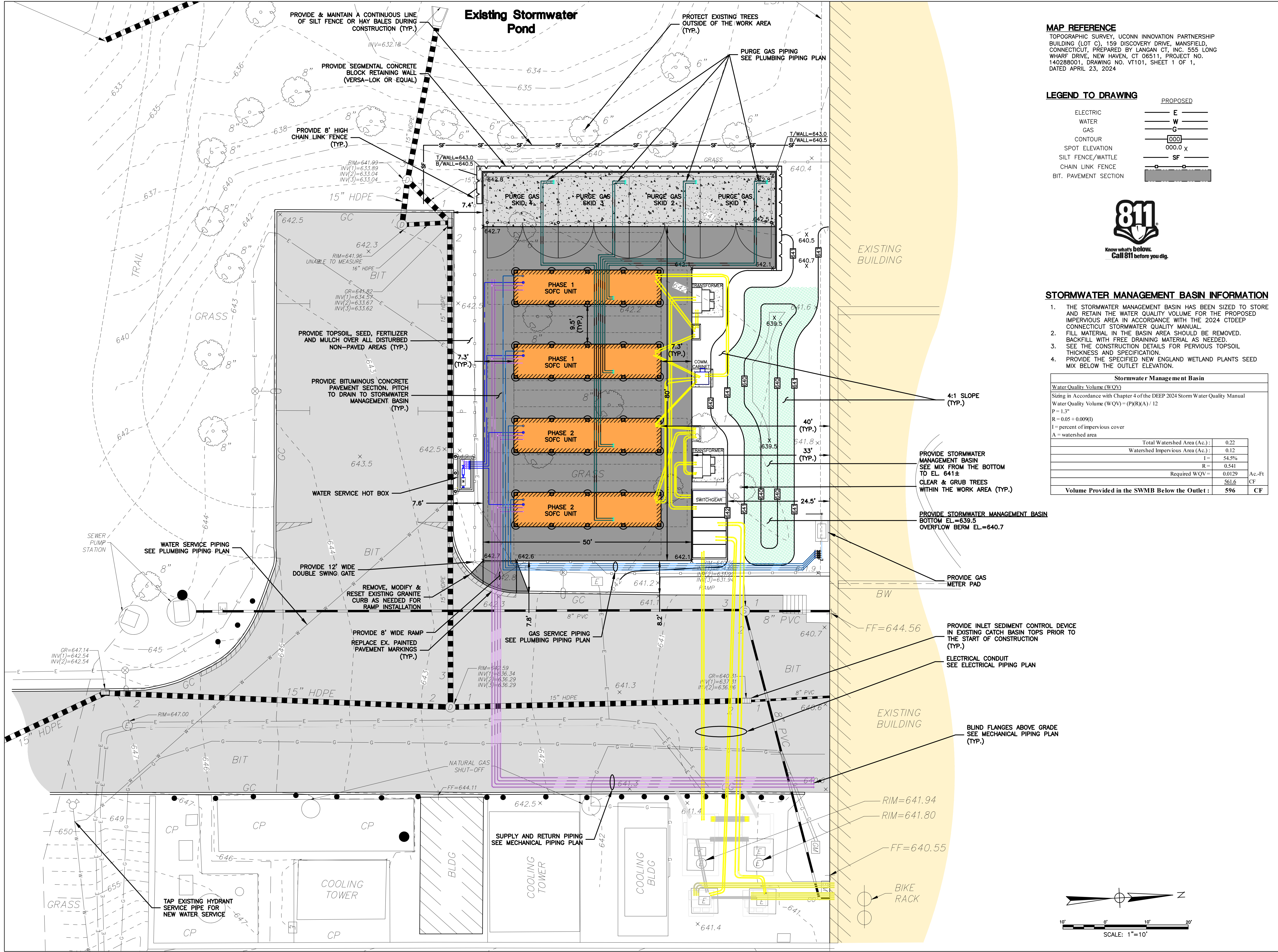
PROGRESS PRINT
NOT FOR
CONSTRUCTION

KEY PLAN

REV	DESCRIPTION	DATE

30% DESIGN
06/04/2024

SITE PLAN
DRAWN BY: KJH
CHECKED BY: KJH
SCALE: AS NOTED
PROJECT #: CLA-7796
C-101



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