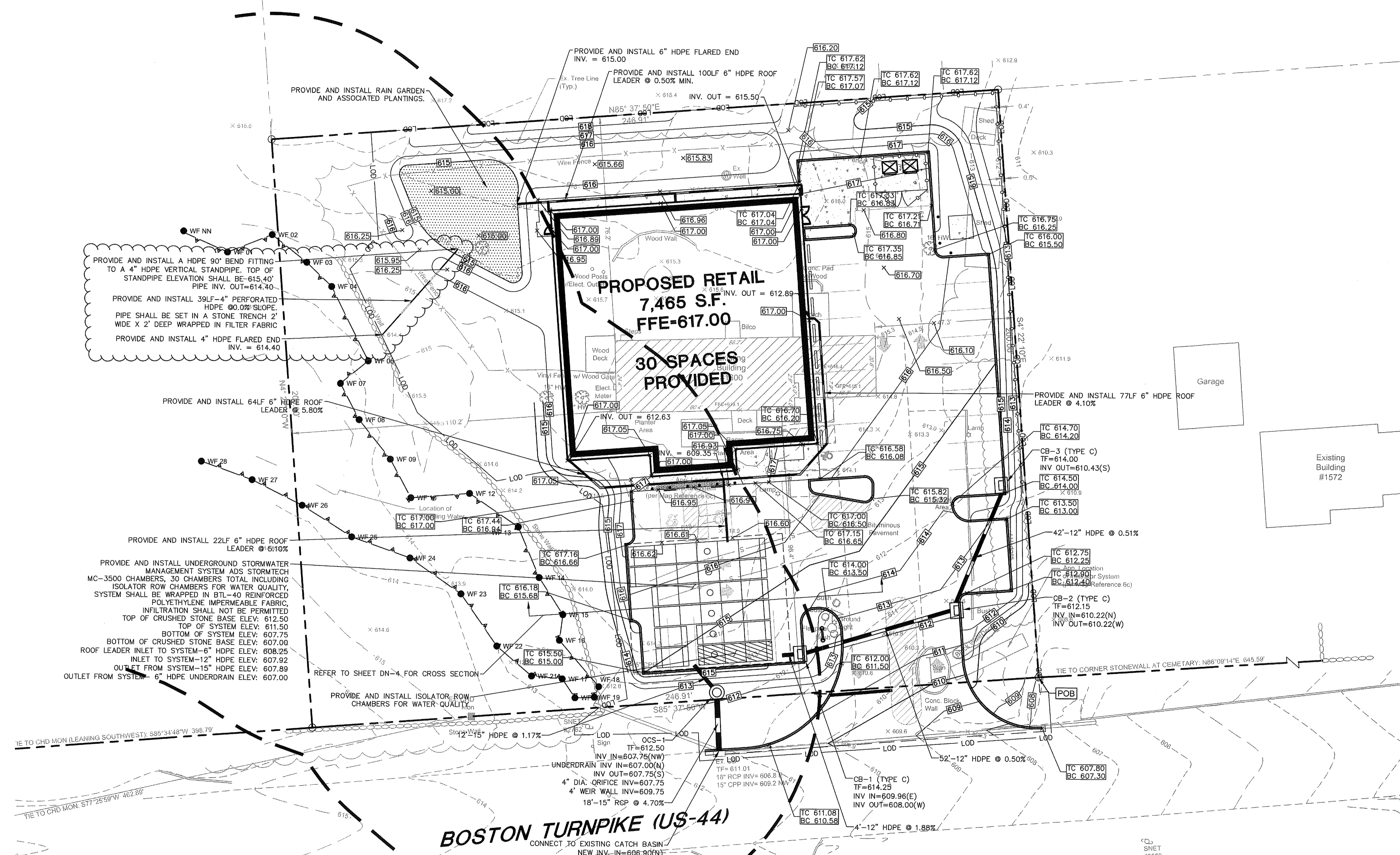
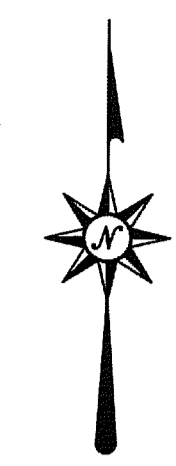


GRADING AND DRAINAGE LEGEND

- PROPERTY LINE
- LOD PROPOSED LIMIT OF DISTURBANCE AND CONTRACT LIMIT LINE
- EXISTING ELEVATION CONTOUR (1' INTERVAL)
- PROPOSED ELEVATION CONTOUR (1' INTERVAL)
- PROPOSED SPOT ELEVATION
- STORMWATER DRAINAGE PIPE
- TYPE C CATCH BASIN STRUCTURE WITH HOODED OUTLET
- STORMWATER DRAINAGE MANHOLE OR OUTLET CONTROL STRUCTURE



PROVIDE AND INSTALL A HDPE 90° BEND FITTING TO A 4" HDPE VERTICAL STANDPIPE. TOP OF STANDPIPE ELEVATION SHALL BE -615.40'. PIPE INV. OUT=614.40'.
 PROVIDE AND INSTALL 39LF-4" PERFORATED HDPE @ 0.0% SLOPE. PIPE SHALL BE SET IN A STONE TRENCH 2' WIDE X 2' DEEP WRAPPED IN FILTER FABRIC.
 PROVIDE AND INSTALL 4" HDPE FLARED END INV. = 614.40'

PROVIDE AND INSTALL 22LF 6" HDPE ROOF LEADER @ 5.80%
 PROVIDE AND INSTALL UNDERGROUND STORMWATER MANAGEMENT SYSTEM ADS STORMTECH MC-3500 CHAMBERS, 30 CHAMBERS TOTAL INCLUDING ISOLATOR ROW CHAMBERS FOR WATER QUALITY. SYSTEM SHALL BE WRAPPED IN BTL-40 REINFORCED POLYETHYLENE IMPERMEABLE FABRIC. INFILTRATION SHALL NOT BE PERMITTED. TOP OF CRUSHED STONE BASE ELEV: 612.50. TOP OF SYSTEM ELEV: 611.50. BOTTOM OF SYSTEM ELEV: 607.75. BOTTOM OF CRUSHED STONE BASE ELEV: 607.00. ROOF LEADER INLET TO SYSTEM-6" HDPE ELEV: 608.25. INLET TO SYSTEM-12" HDPE ELEV: 607.92. OUTLET FROM SYSTEM-15" HDPE ELEV: 607.89. OUTLET FROM SYSTEM-6" HDPE UNDERDRAIN ELEV: 607.00

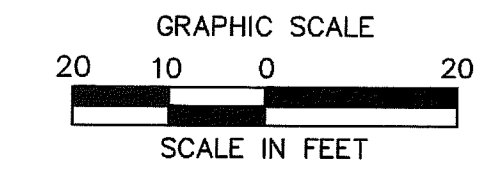
BOSTON TURNPIKE (US-44)
 CONNECT TO EXISTING CATCH BASIN NEW INV. IN=606.90(N)

PLANNING AND ZONING COMMISSION
 TOWN OF COVENTRY

APPROVED: _____ DATE _____

BILL JOBBAGY
 CHAIRMAN OF THE PLANNING & ZONING COMMISSION

REFER TO SHEET GN-1 FOR
 SITE WORK GENERAL NOTES



100 Constitution Plaza, 10th Floor
 Hartford, CT 06103
 (860) 249-2200
 (860) 249-2400 Fax

PROPOSED RETAIL DEVELOPMENT
 1600 BOSTON TURNPIKE
 COVENTRY, CONNECTICUT

REVISIONS

No.	Date	Desc.
1	04/16/2020	REVISED PER TOWN COMMENTS
2	05/22/2020	REVISED PER TOWN COMMENTS
3	07/14/2020	REVISED PER TOWN COMMENTS
4	07/20/2020	REVISED PER TOWN COMMENTS
5	07/20/2020	REVISED PER TOWN COMMENTS
6	11/03/2020	ISSUED FOR CONSTRUCTION

Designed S.E.L.
 Drawn S.E.L.
 Reviewed
 Scale 1"=20'
 Project No. 1901321
 Date 03/24/20
 CAD File: GD190132101

GRADING AND DRAINAGE PLAN

Sheet No.

GD-1

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