

SCALE: 1" = 20'

GRADING LEGEND

- DRAINAGE STRUCTURE
- ←→ DRAINAGE SUMMIT
- ← DIRECTION OF FLOW
- +641.10 EXISTING SPOT ELEVATION
- +641.10 PROPOSED SPOT ELEVATION
- - 641 - - EXISTING CONTOUR
- - 641 - - PROPOSED CONTOUR
- OVERFLOW ROUTE

DEMOLITION LEGEND

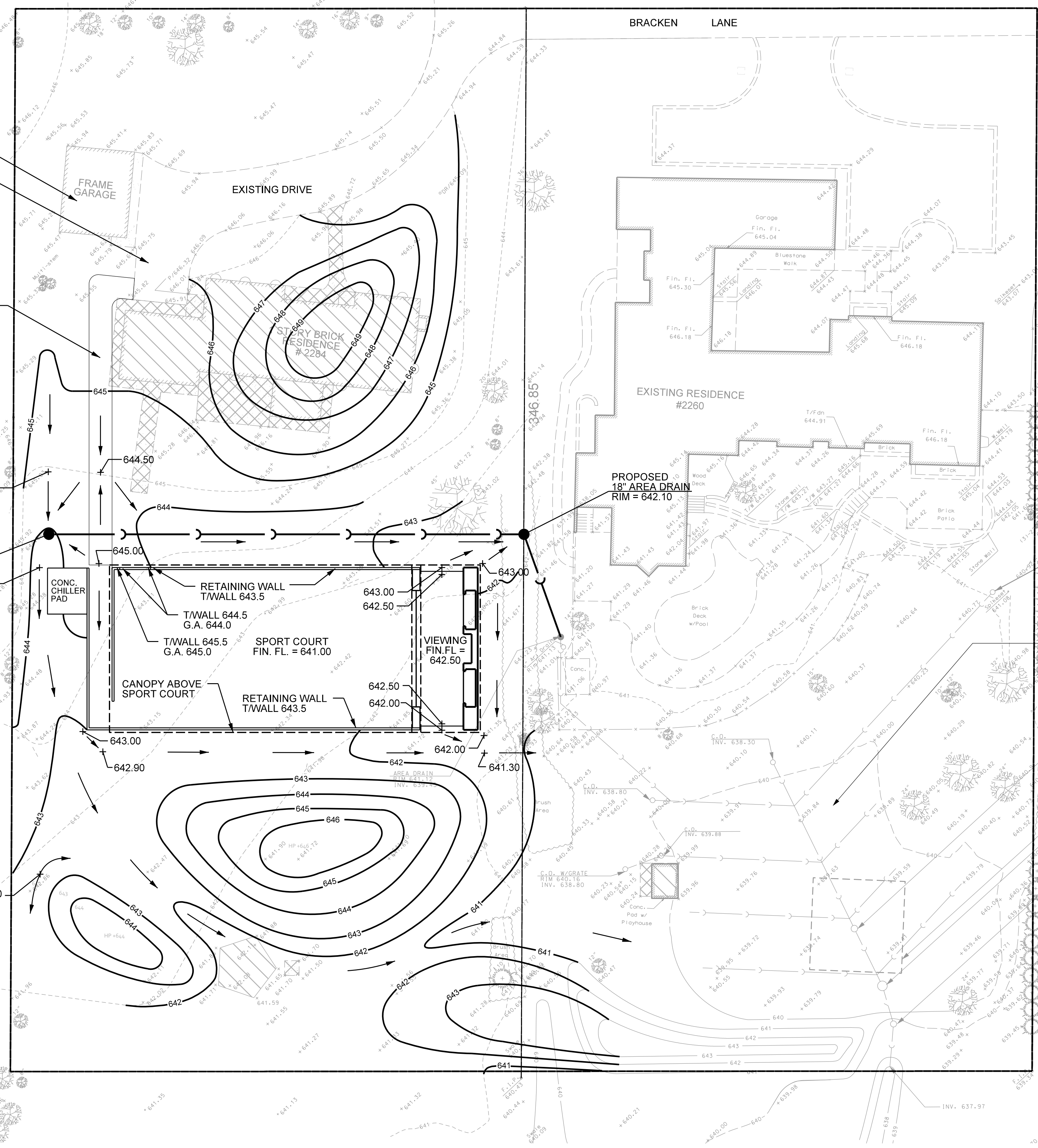
- EXISTING HOUSE, GAZEBO, AND PLAYHOUSE TO BE REMOVED
- EXISTING CONCRETE WALK AND PATIO TO BE REMOVED

VILLAGE BENCHMARK
 BM# 24C-2: Ne Flange Bolt on the Fire Hydrant approx. 225' West of Thornwood Lane on the N. side of Old Willow Rd.
 Elev. = 640.649 (NAVD 88 Datum)

PROJECT BENCHMARK
 South Flange Bolt on the Fire Hydrant located in front of 2260 Bracken Lane.
 Elev. = 645.35 (NAVD 88 Datum)

- EX. GARAGE TO REMAIN
- EX. DRIVE TO REMAIN
- PROPOSED GRAVEL DRIVE (SEE LANDSCAPE PLAN)

PROPOSED 18" AREA DRAIN RIM = 644.00



EXISTING STORMWATER DETENTION BASIN
 DETENTION REQ: 568 C.F. (2260 BRACKEN)
 DETENTION PROVIDED: 2828 C.F.
 HWL: 639.80
 RESTRICTOR 2.5" DIA.

15' X 15' UNDERDRAIN SYSTEM
 CATCHBASIN IN W/PUMP
 RIM 639.91
 INV 637.05 6" NW
 INV 635.52 3" SE
 CATCHBASIN
 RIM 639.91
 INV 637.05 4" S
 INV 635.11 3" NW
 2.5" DIA. RESTRICTOR

FOR REVIEW PURPOSES ONLY

<p>DANIEL CREANEY COMPANY CONSULTING CIVIL ENGINEERS 450 SKOKIE BLVD. SUITE 105 NORTHBROOK, ILLINOIS (847) 480-5757</p>	<p>2260 BRACKEN LANE NORTHFIELD, ILLINOIS</p>		<p>SHEET 1 OF 1</p>	
	<p>DESIGNED BY: <u>M.T.</u> CHECKED BY: <u>D.A.C.</u> SCALE: <u>1"=20'</u> DRAWN BY: <u>TCK</u> JOB NO.: <u>7943</u> BOOK: _____</p>		<p>PRELIMINARY ENGINEERING</p>	
<p>DATE: <u>8-26-2020</u> BY: <u>MT</u> CLIENT REVISION</p>		<p>DATE: <u>8-10-2020</u></p>		

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