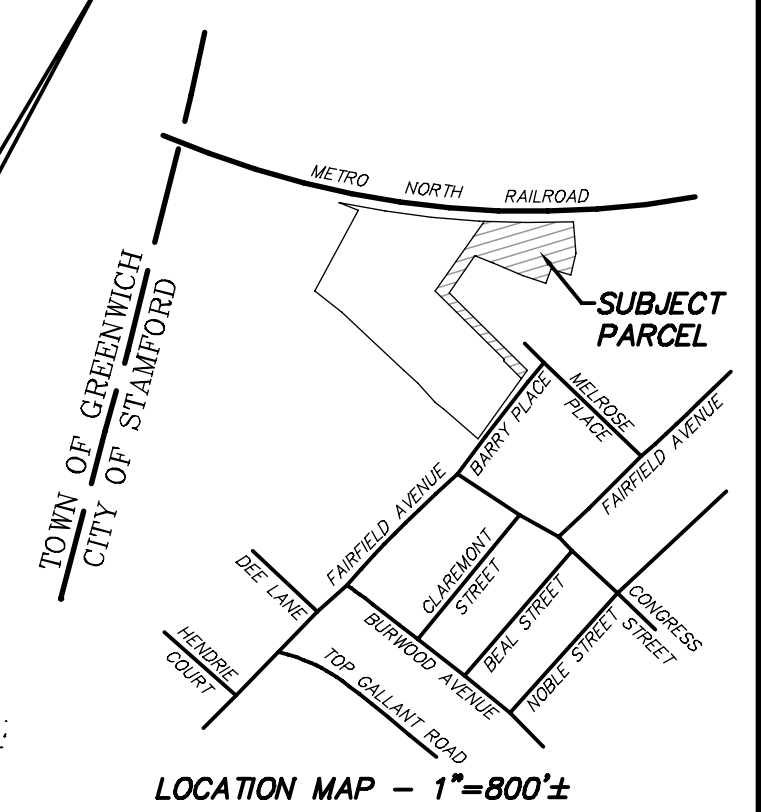
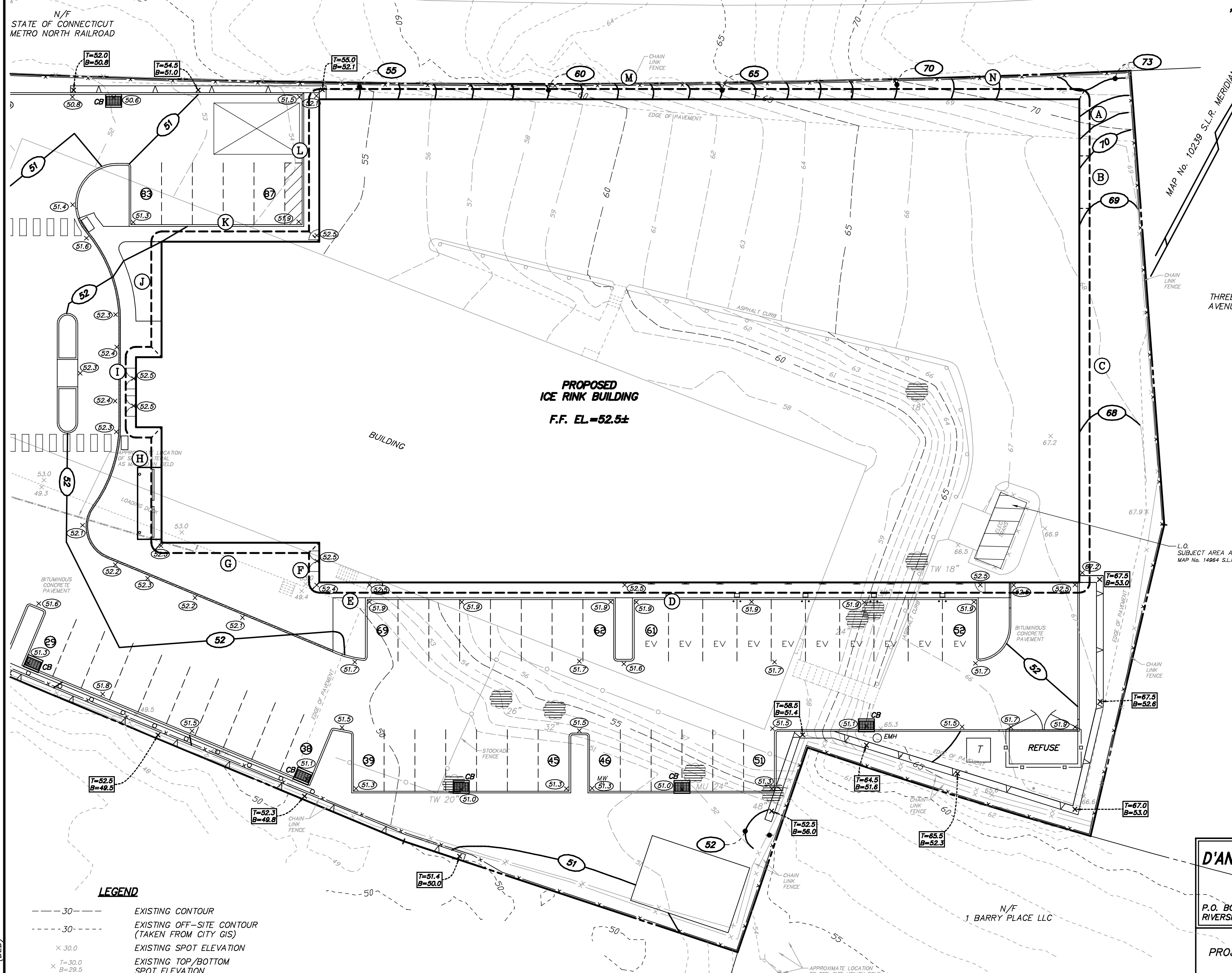


BLOCK No. 35
TOTAL AREA = 2.6018 ACRES
"M-G" ZONING DISTRICT (EXISTING)

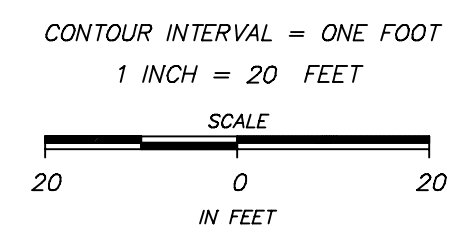


GRADE PLANE ANALYSIS			
6 Ft Envelope O/S Line			
Segment	Length (ft) (L)	Average Grade (ft) (Z)	Length x Grade (L) x (Z)
A	19.7	71.0	1398.7
B	15.3	69.5	1063.4
C	109.2	68.1	7436.5
D	208.2	52.4	10909.7
E	20.9	52.5	1097.3
F	10.9	52.5	572.3
G	45.2	52.5	2373.0
H	33.2	52.5	1743.0
I	38.9	52.3	2034.5
J	30.7	52.2	1602.5
K	47.7	52.2	2489.9
L	43.3	52.3	2264.6
M	155.4	61.7	9588.2
N	68.1	71.0	4835.1
Total	846.7		49408.6

Average Grade: $\frac{\sum(L \cdot Z)}{\sum L}$	58.4
First Floor Elevation: $\frac{\sum Z}{\sum L} \cdot L$	52.5
Differential: $\frac{\sum Z}{\sum L} - \text{FF EL}$	-5.9

- LEGEND**
- 30 --- EXISTING CONTOUR
 - - - 30 - - - EXISTING OFF-SITE CONTOUR (TAKEN FROM CITY GIS)
 - × 30.0 EXISTING SPOT ELEVATION
 - × T=30.0 B=29.5 EXISTING TOP/BOTTOM SPOT ELEVATION
 - 30 ○ PROPOSED CONTOUR
 - × (30.0) PROPOSED SPOT ELEVATION

- NOTES:**
- The purpose of this plan is only for the calculation of the average grade for the proposed building. It shall not be used for any other aspect of construction.
 - Proposed grades were taken from the Site Grading Plan, Sheet C-3.1 of the Civil plan set.
 - Elevations shown are based on the North American Vertical Datum of 1988 (NAVD 88).



D'ANDREA SURVEYING & ENGINEERING, P.C.
 • LAND PLANNERS
 • ENGINEERS
 • SURVEYORS

P.O. BOX 549
 RIVERSIDE, CT 06878

6 NEIL LANE
 TEL. 637-1779

REV.	DATE	DESCRIPTION
0	12-15-22	ZONING SUBMISSION
DEREK E. DAUNAIS CT. PE No. 22861		
		12-15-22
ENGINEER		

ONLY COPIES OF THIS MAP, BEARING AN ORIGINAL IMPRINT OF THE ENGINEER'S EMBOSSED SEAL SHALL BE CONSIDERED TO BE TRUE, VALID COPIES.

PROJECT	WINGS ARENA
PREPARED FOR	WINGS REAL ESTATE HOLDINGS, LLC
LOCATION	50 BARRY PLACE STAMFORD, CONNECTICUT
1 OF 1	PROPOSED GRADE PLANE PLAN

BARFIELD_22HQ_AG_01_Rev0.DWG (DED)

22HQ