

- NOTES:**
- EXISTING UTILITIES, STRUCTURES, TOPOGRAPHIC AND PROPERTY LINE INFORMATION SHOWN HEREON IS TAKEN FROM THE "PROPERTY AND TOPOGRAPHIC SURVEY DEPICTING 230 EAST AVENUE & 10 ROWAN STREET" PREPARED BY REDNISS & MEAD OF STAMFORD, CT, DATED SEPTEMBER 15, 2017.
 - LOCATIONS OF EXISTING UNDERGROUND STRUCTURES AND UTILITIES INDICATED HEREON ARE TAKEN FROM DESIGN DRAWINGS, FIELD OBSERVATIONS, AND OTHER SOURCES OF INFORMATION AND ARE NOT TO BE CONSIDERED AS AN ACCURATE "AS-BUILT" SURVEY. THE CONTRACTOR SHALL EXCAVATE TEST HOLES, CONTACT "CALL BEFORE YOU DIG", AND PERFORM WHATEVER ADDITIONAL VERIFICATION NECESSARY TO VERIFY THE EXISTING INFORMATION. THE PROJECT ENGINEER SHALL BE PROMPTLY NOTIFIED OF ANY APPARENT CONFLICTS BETWEEN EXISTING UTILITIES AND PROPOSED WORK.
 - THE PURPOSE OF THIS PLAN IS TO SHOW THE AVERAGE GRADE CALCULATIONS FOR BUILDINGS "A", "B" AND "C". BUILDING "D" WILL NOT BE AFFECTED BY THIS PROPOSED PROJECT.

AVERAGE GRADE CALCULATION - BUILDING A

SAMPLE POINT	ELEVATION	SAMPLE POINT	ELEVATION	SAMPLE POINT	ELEVATION
A	28.6	AA	26.0	AAA	29.5
B	28.6	BB	25.0	BBB	29.5
C	28.6	CC	24.7	CCC	29.0
D	28.6	DD	24.6	DDD	29.0
E	28.5	EE	24.5	EEE	29.0
F	28.3	FF	24.6	FFF	28.8
G	28.0	GG	24.5	GGG	28.6
H	28.0	HH	24.4		
I	28.0	II	24.2		
J	28.2	JJ	24.0		
K	28.4	KK	23.9		
L	28.6	LL	23.8		
M	28.8	MM	23.7		
N	28.8	NN	23.6		
O	29.0	OO	23.5		
P	28.5	PP	23.5		
Q	28.4	QQ	20.4		
R	28.4	RR	25.2		
S	28.4	SS	25.8		
T	28.2	TT	26.8		
U	27.6	UU	27.5		
V	27.2	VV	28.0		
W	27.0	WW	28.5		
X	27.1	XX	29.0		
Y	26.8	YY	29.5		
Z	26.3	ZZ	29.5		

AVERAGE GRADE CALCULATION - BUILDING B

SAMPLE POINT	ELEVATION	SAMPLE POINT	ELEVATION
A	27.0	AA	16.5
B	26.8	BB	16.0
C	26.6	CC	15.5
D	25.9	DD	23.5
E	25.2	EE	24.4
F	24.5	FF	24.6
G	22.8	GG	25.0
H	22.6	HH	25.4
I	22.4	II	25.4
J	22.2	JJ	25.0
K	22.0	KK	24.7
L	21.8	LL	25.2
M	21.6	MM	25.5
N	21.5	NN	25.8
O	21.4	OO	26.2
P	21.3	PP	26.4
Q	21.2	QQ	26.6
R	21.7	RR	27.0
S	22.2	SS	27.0
T	22.4		
U	22.5		
V	22.5		
W	23.1		
X	23.4		
Y	23.7		
Z	17.5		

AVERAGE GRADE CALCULATION - BUILDING C

SAMPLE POINT	ELEVATION
A	28.1
B	27.6
C	27.1
D	24.5
E	24.5
F	25.4
G	26.3
H	27.3
I	28.1

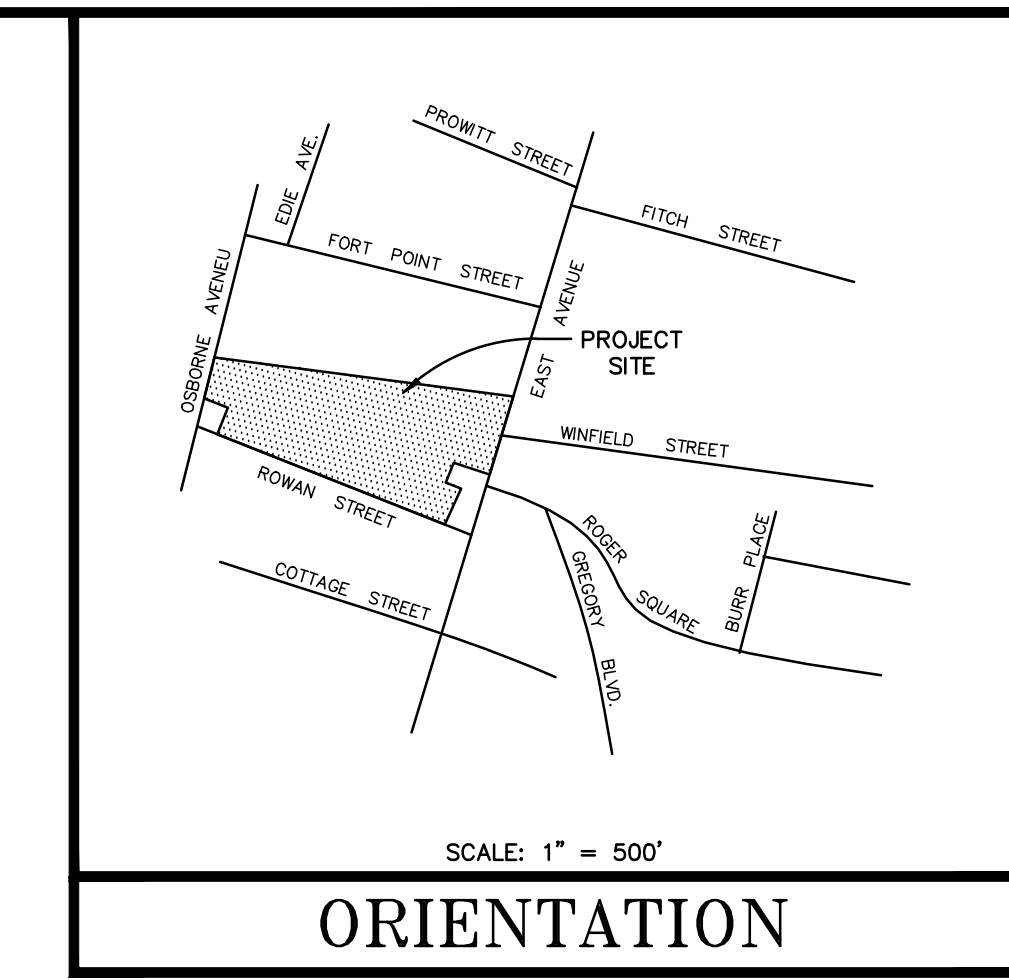
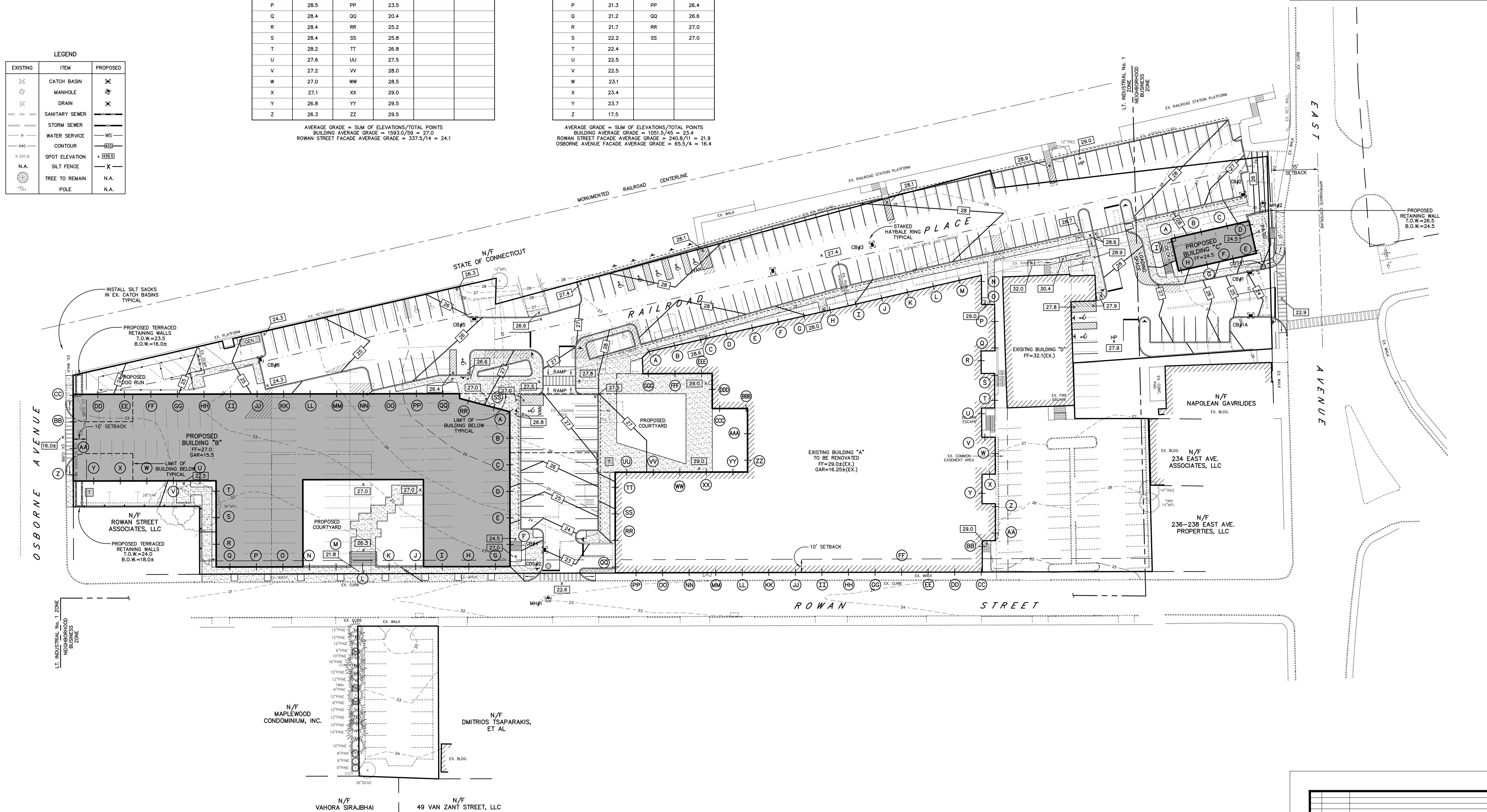
AVERAGE GRADE = SUM OF ELEVATIONS/TOTAL POINTS
 BUILDING AVERAGE GRADE = 238.9/9 = 26.5
 EAST AVENUE FACADE AVERAGE GRADE = 49/2 = 24.5

AVERAGE GRADE = SUM OF ELEVATIONS/TOTAL POINTS
 BUILDING AVERAGE GRADE = 1993.0/79 = 27.0
 ROWAN STREET FACADE AVERAGE GRADE = 337.5/14 = 24.1

AVERAGE GRADE = SUM OF ELEVATIONS/TOTAL POINTS
 BUILDING AVERAGE GRADE = 1051.5/45 = 23.4
 ROWAN STREET FACADE AVERAGE GRADE = 240.8/11 = 21.9
 OSBORNE AVENUE FACADE AVERAGE GRADE = 65.5/4 = 16.4

LEGEND

EXISTING	ITEM	PROPOSED
	CATCH BASIN	
	MANHOLE	
	DRAIN	
	SANITARY SEWER	
	STORM SEWER	
	WATER SERVICE	
	CONTOUR	
	SPOT ELEVATION	
	SILT FENCE	
	TREE TO REMAIN	N.A.
	POLE	N.A.



1	2-14-18	ISSUED TO PAZ
NO.	DATE	REVISIONS AND SUBMISSIONS
SIGNATURE:		DRAWING NO:
		DT3
JOB NO:	2028A-1	DATE: DECEMBER 14, 2017
DRAWN BY:	DRS	CHECKED BY: HWM, TSN
SCALE:	1" = 30'	