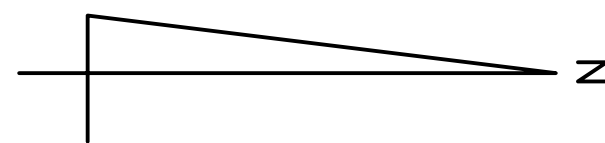
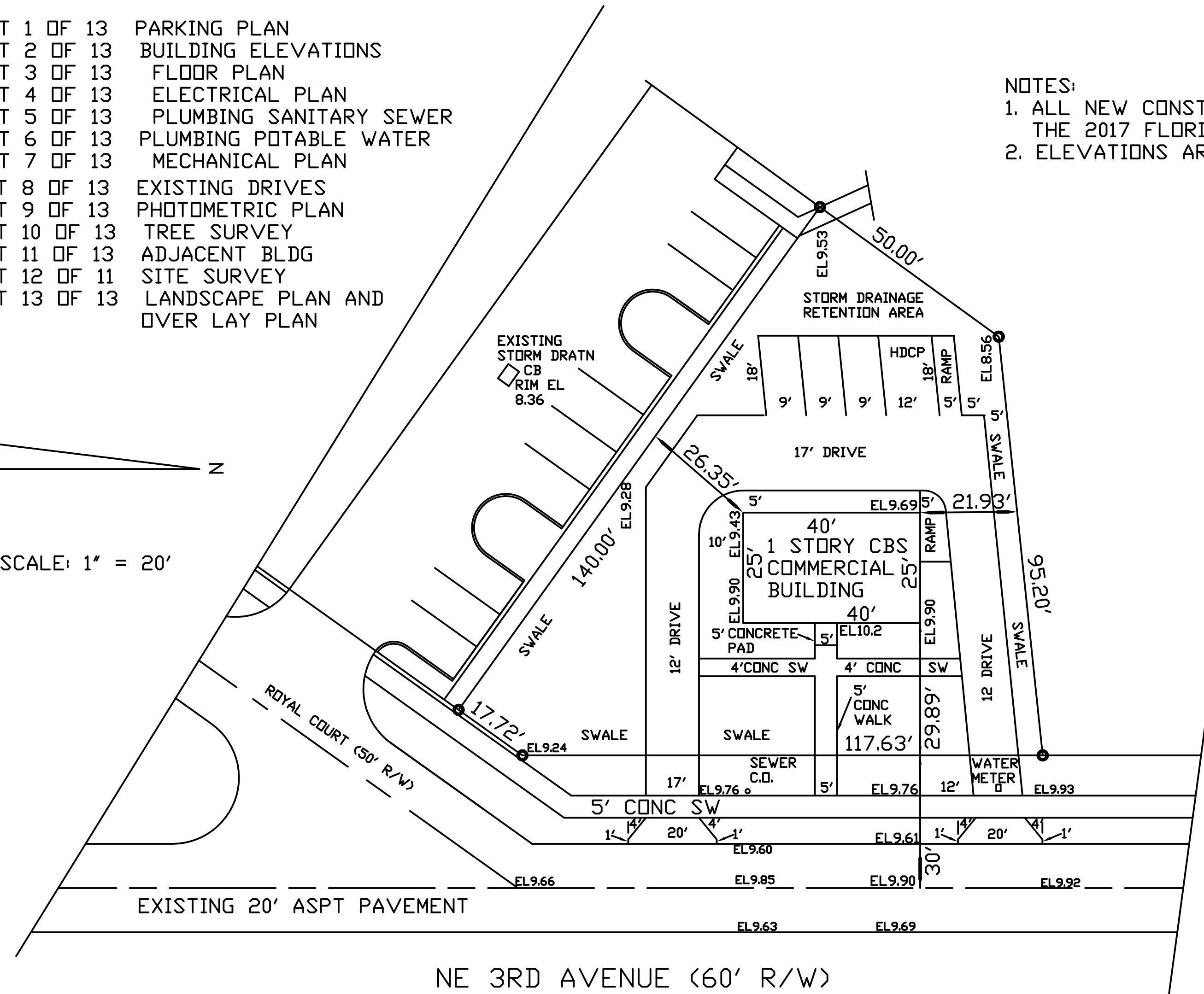


PLAN INDEX

SHEET 1 OF 13	PARKING PLAN
SHEET 2 OF 13	BUILDING ELEVATIONS
SHEET 3 OF 13	FLOOR PLAN
SHEET 4 OF 13	ELECTRICAL PLAN
SHEET 5 OF 13	PLUMBING SANITARY SEWER
SHEET 6 OF 13	PLUMBING POTABLE WATER
SHEET 7 OF 13	MECHANICAL PLAN
SHEET 8 OF 13	EXISTING DRIVES
SHEET 9 OF 13	PHOTOMETRIC PLAN
SHEET 10 OF 13	TREE SURVEY
SHEET 11 OF 13	ADJACENT BLDG
SHEET 12 OF 11	SITE SURVEY
SHEET 13 OF 13	LANDSCAPE PLAN AND OVER LAY PLAN

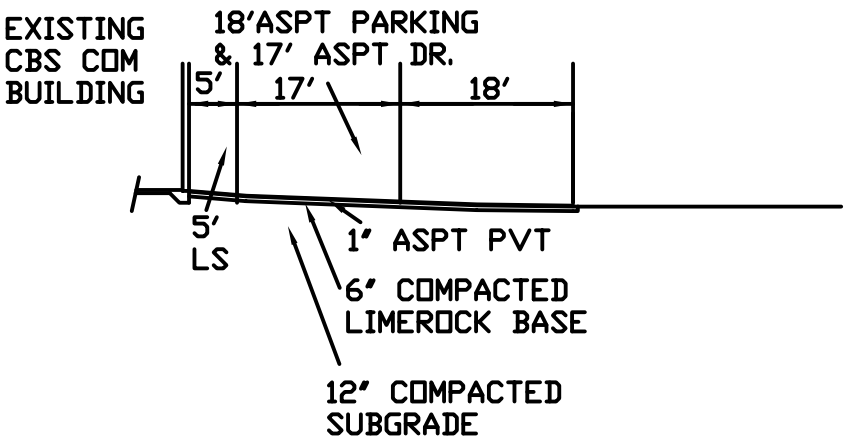


SCALE: 1" = 20'



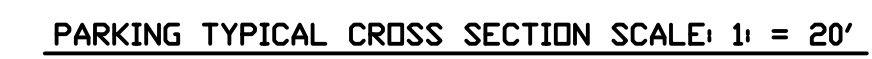
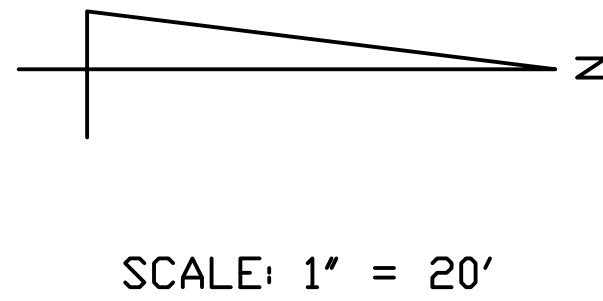
PARKING PLAN, SCALE: 1" = 20'

- NOTES:
1. ALL NEW CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2017 FLORIDA BUILDING CODE.
 2. ELEVATIONS ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM (NGVD)



PARKING TYPICAL CROSS SECTION SCALE: 1" = 20'

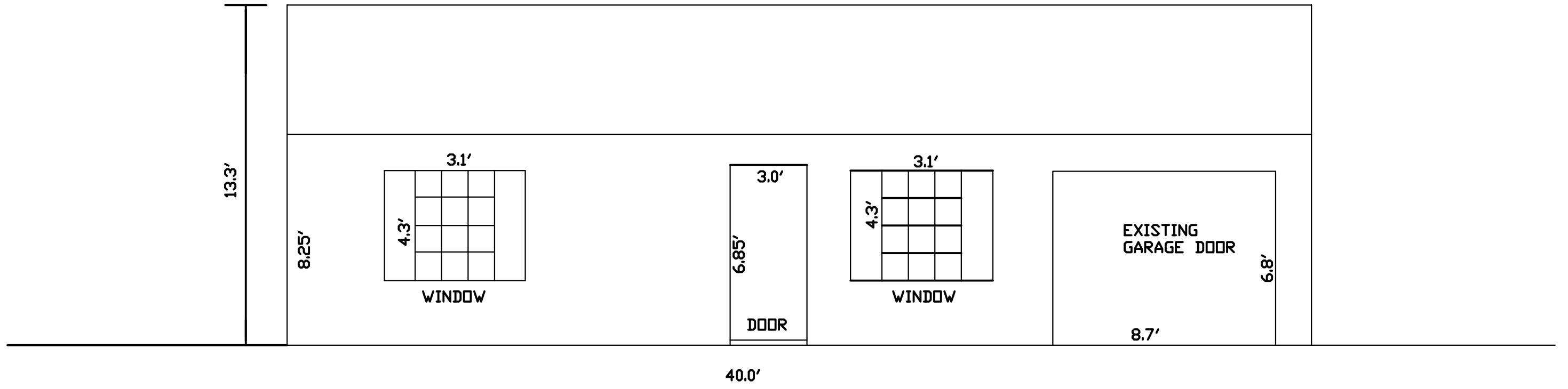
SHEET TITLE
PRELIMINARY ENGINEERING PLAN PROPOSED NEW ASPHALT DRIVE, PARKING AND SITE PLAN
PROJECT
QC EAST HOLDINGS LLC 702 NE 3RD AVENUE DELRAY BEACH, FLORIDA
GENTRY ENGINEERING & LAND SURVEYING, INC.
P.O. BOX 83-2101 DELRAY BEACH FLORIDA, PH 561 302 9983 SHT 1 OF 13



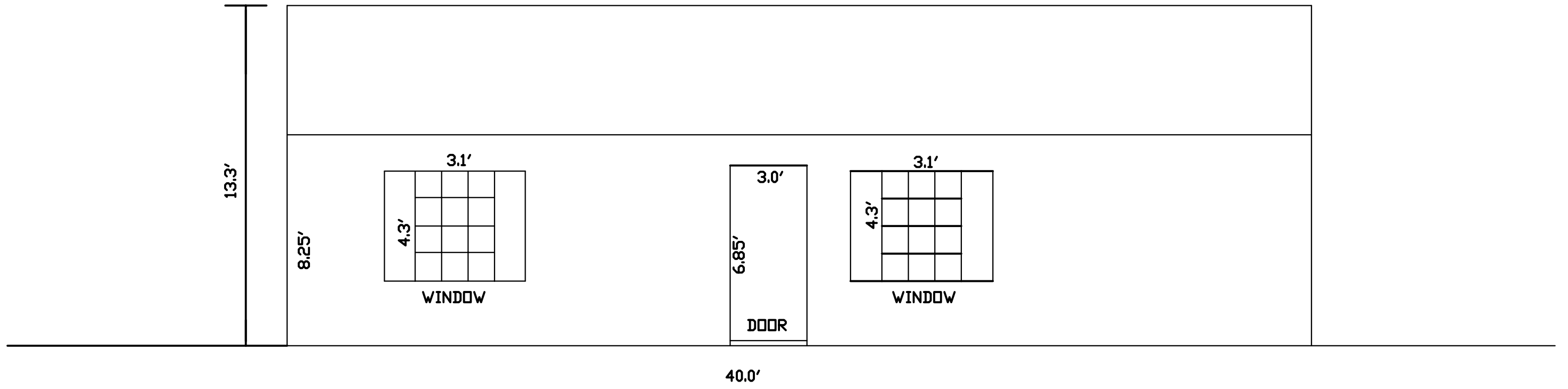
NOTE: LIGHTING PLAN SHALL PROVIDE MINIMUM 0.50 FC
AVE MAINT. F.C., 15'1 MAX/MIN F.C.

SHEET TITLE	PROPOSED NEW ASPHALT DRIVE, PARKING AND PHOTOMETRIC PLAN
PROJECT	QC EAST HOLDINGS LLC 702 NE 3RD AVENUE DELRAY BEACH, FLORIDA
GENTRY ENGINEERING & LAND SURVEYING, INC. P.O. BOX 83-201 DELRAY BEACH FLORIDA, PH 561 302 9983	

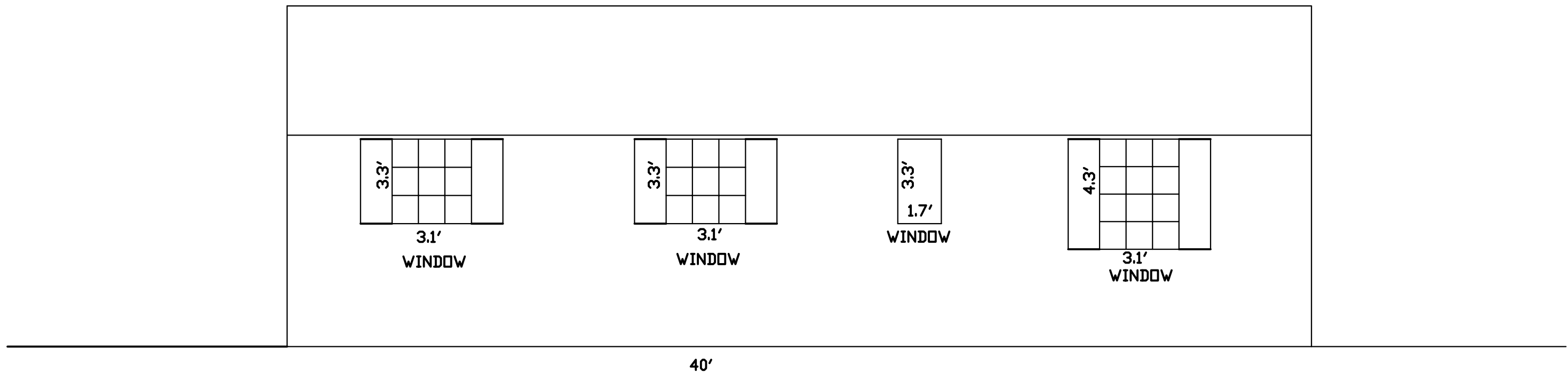
NOTE:
1. ALL NEW CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE



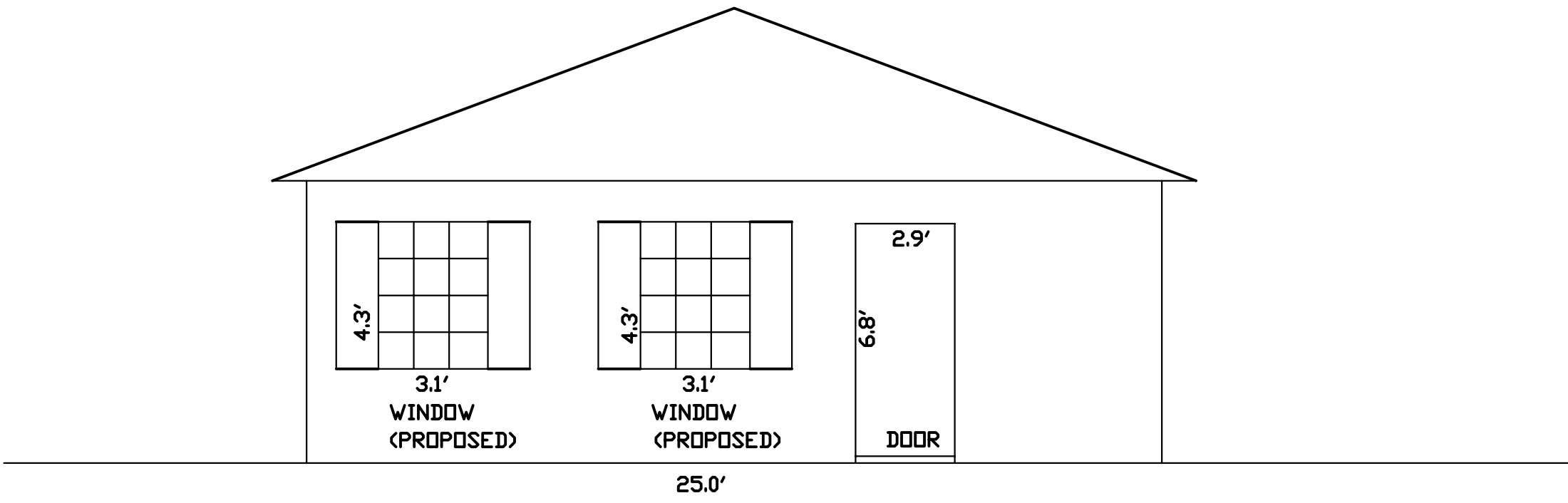
EXISTING EAST ELEVATION SCALE: 1" = 4'



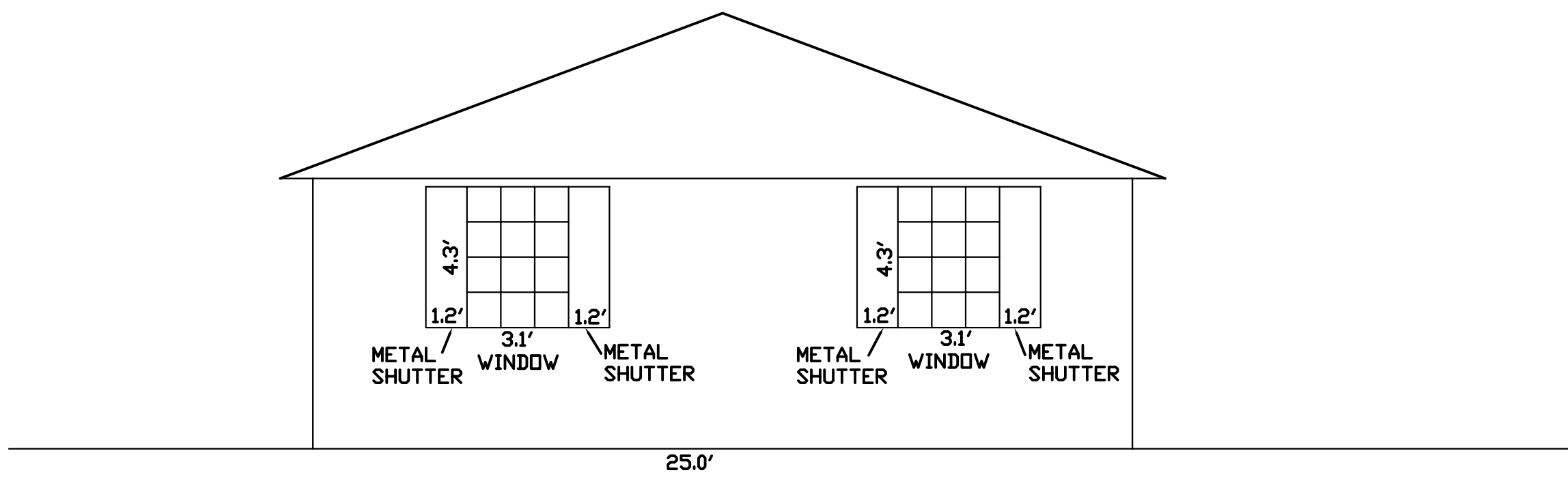
PROPOSED EAST ELEVATION SCALE: 1" = 4'



WEST ELEVATION SCALE: 1" = 4'

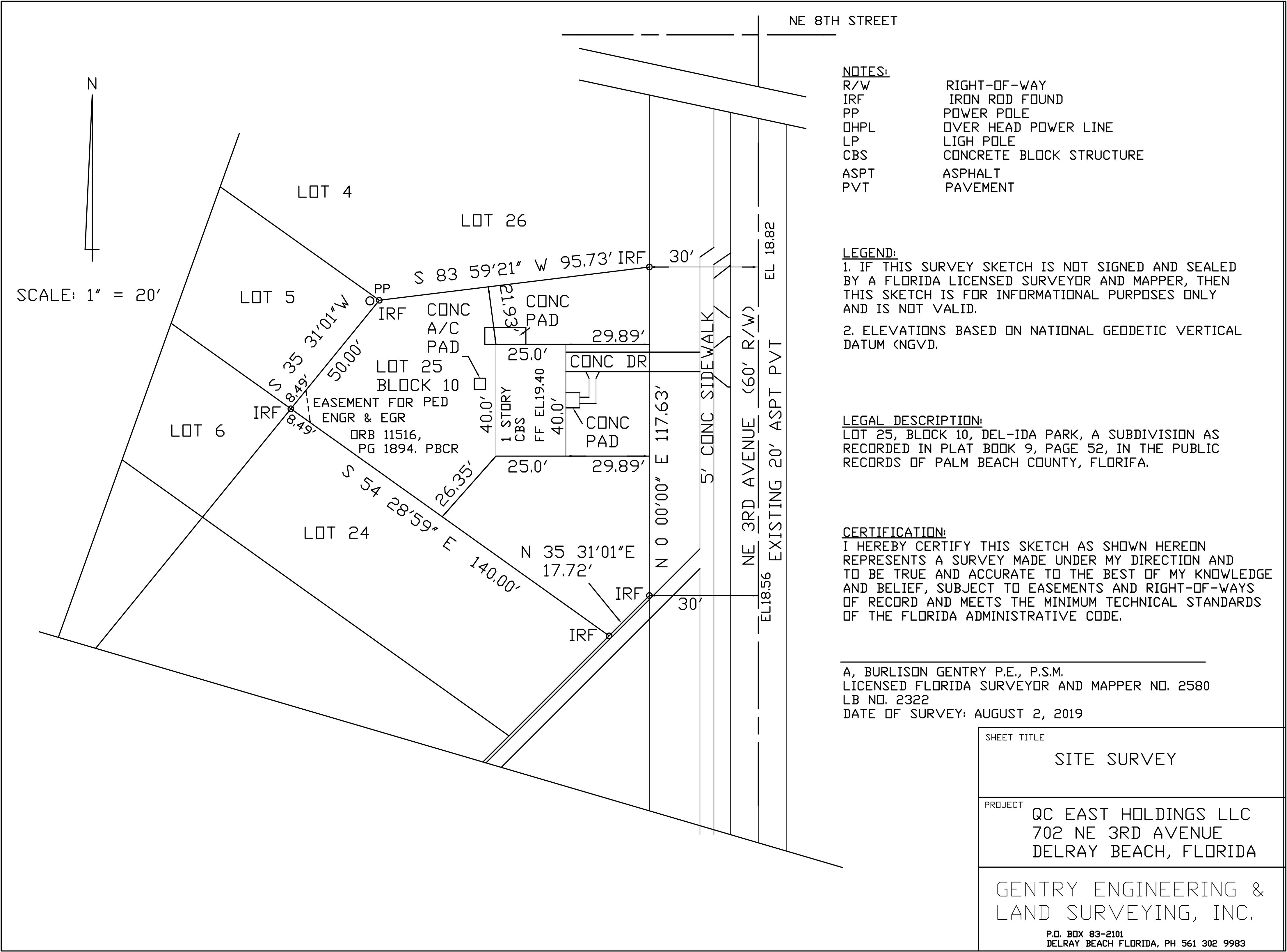


NORTH ELEVATION SCALE: 1" = 4'



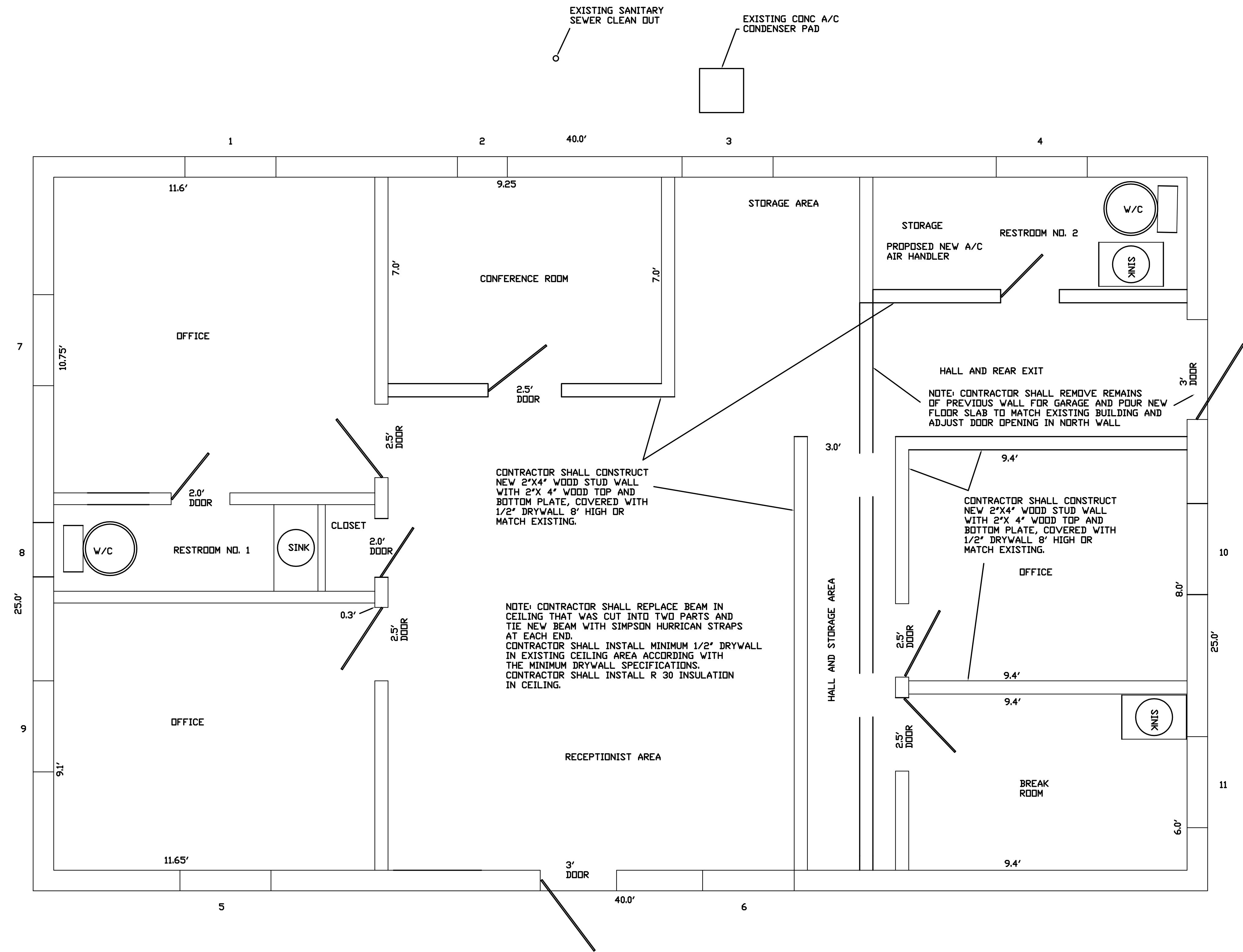
SOUTH ELEVATION SCALE: 1" = 4'

NO	DATE	REVISION
SHEET TITLE		
BUILDING ELEVATIONS		
PROJECT		
QC EAST HOLDINGS LLC 702 NW 3RD AVENUE DELRAY BEACH, FLORIDA		
GENTRY ENGINEERING & LAND SURVEYING, INC.		
PO BOX 83-2101 DELRAY BEACH, FLORIDA 33483 (561) 302 9983		
DATE:	PE 53844 EB 2322	SHT 2 OF 7



WINDOW SCHEDULE			
NO	WIDTH	HEIGHT	TYPE
1	3.1'	3.1'	IMPACT SINGLE HUNG (EXISTING)
2	3.1'	3.3'	IMPACT SINGLE HUNG (EXISTING)
3	3.1'	3.3'	IMPACT SINGLE HUNG (NEW)
4	3.7'	2.6'	IMPACT SINGLE HUNG (NEW)
5	3.1'	4.3'	IMPACT SINGLE HUNG (EXISTING)
6	3.1'	4.3'	IMPACT SINGLE HUNG (EXISTING)
7	3.1'	4.3'	IMPACT SINGLE HUNG (EXISTING)
8	3.7'	2.6'	IMPACT SINGLE HUNG (NEW)
9	3.1'	4.3'	IMPACT SINGLE HUNG (EXISTING)
10	3.1'	4.3'	IMPACT SINGLE HUNG (NEW)
11	3.1	4.3'	IMPACT SINGLE HUNG (NEW)

NOTES:
1. ALL NEW CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2017 FLORIDA BUILDING CODE.



NOTE: POTABLE WATER METER IS LOCATED IN ROAD R/W NORTH OF BUILDING AND EAST OR SIDEWALK.

PROPOSED NEW FLOOR PLAN FOR EXISTING BUILDING
SCALE: 1" = 2'

NO	DATE	REVISION
SHEET TITLE		
PROPOSED NEW FLOOR PLAN FOR EXISTING BUILDING		
PROJECT		
QC EAST HOLDINGS LLC 702 NW 3RD AVE. DELRAY BEACH, FLA.TEXT		
GENTRY ENGINEERING & LAND SURVEYING, INC.		
PO BOX 83-2101 DELRAY BEACH, FLORIDA 33483 (561) 302 9983		
DATE:	,PE 53844 EB 2322	

- NOTES:
1. ALL NEW CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2017 FLORIDA BUILDING CODE.
2. ALL NEW ELECTRICAL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC).
3. 

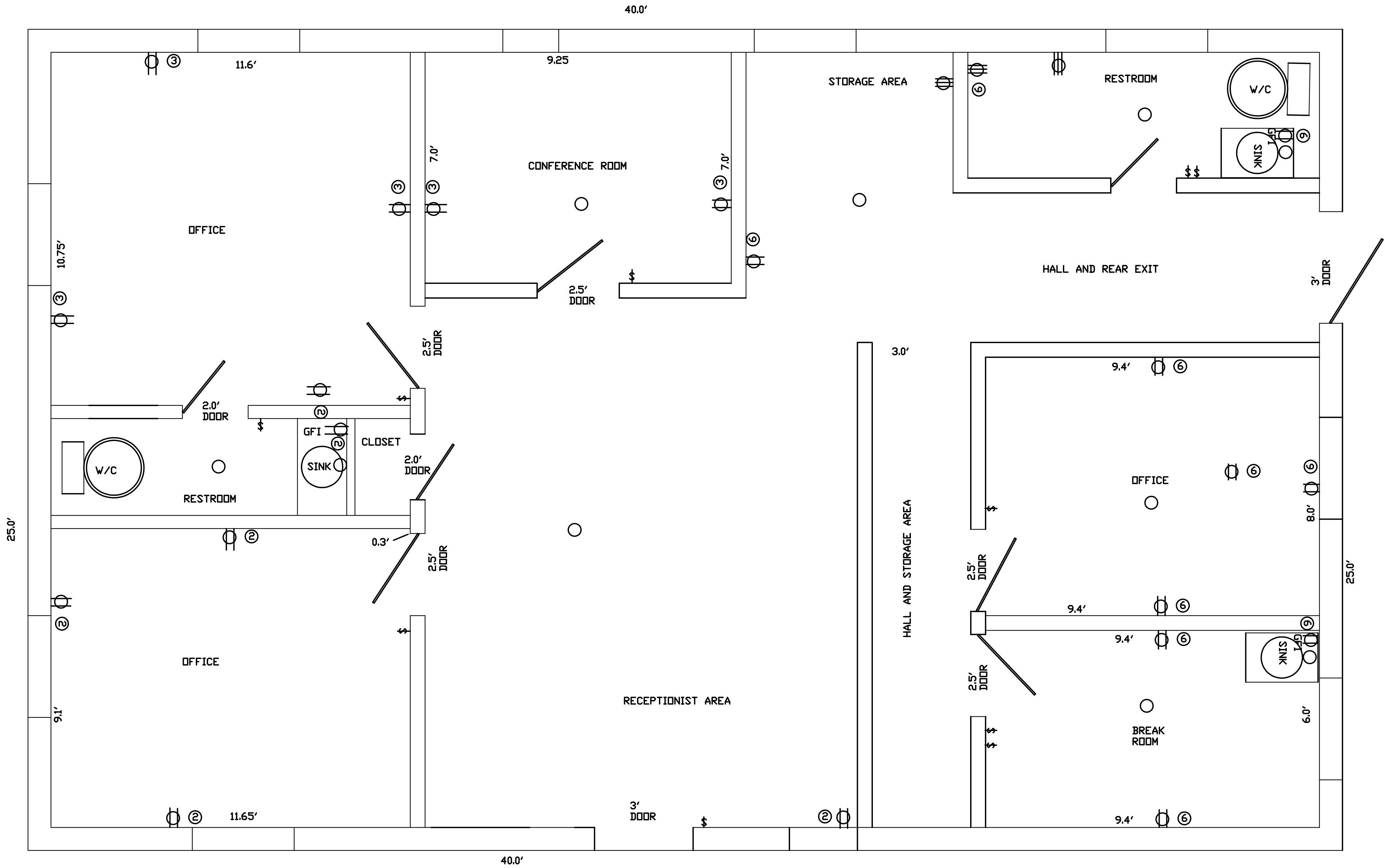
INDICATES 120V ELECTRICAL OUTLET WITH PANEL BREAKER NUMBER.
4. 

INDICATES 220V ELECTRICAL OUTLET.
5. 

INDICATES LIGHT SWITCH.
6. 

INDICATES LIGHT LOCATION.
7. 

INDICATES GROUND FAULT CIRCUIT INTERCEPTOR.



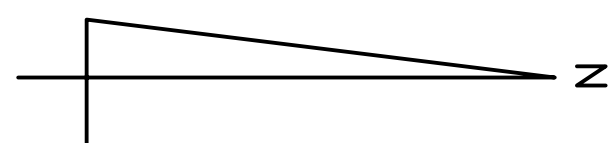
PANEL "A"							
NO.	POLE/TRIP	DESCRIPTION	WIRE	NO.	POLE/TRIP	DESCRIPTION	WIRE
1	1/20		12	2	1/20	OFFICE	12
3	1/20	OFFICE	12	4	1/20		12
5	1/20	SPARE	12	6	1/20	OFFICE	12
7	1/20	SPARE	12	8	1/20	SPARE	12
9	1/20		12	10	1/20		12
11	1/20		12	12	1/15	LIGHTS	12
13	2/60	A/C	6	14	2/50	A/C	8
15				16			
17	2/25	WATERHEATER	10	18			
19				20			

NEW AND PROPOSED ELECTRICAL PLAN
FOR EXISTING BUILDING
SCALE: 1" = 2'

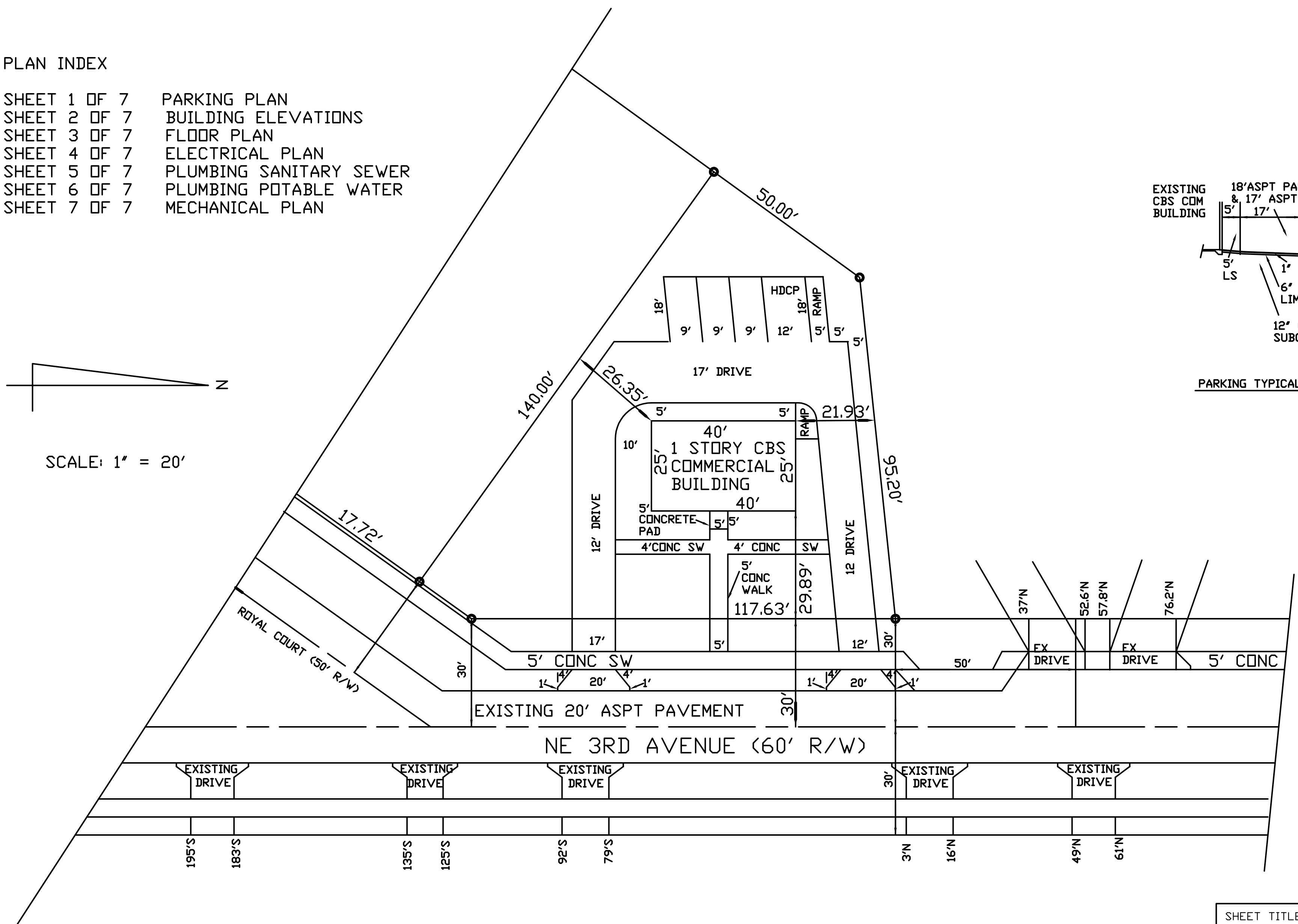
NO	DATE	REVISION
SHEET TITLE		
PROPOSED ELECTRICAL PLAN FOR EXISTING BUILDING		
PROJECT		
GC EAST HOLDINGS LLC 702 NW 3RD AVE. DELRAY BEACH, FLA.TEXT		
GENTRY ENGINEERING & LAND SURVEYING, INC.		
PO BOX 83-2101 DELRAY BEACH, FLORIDA 33483 (561) 302 9983		
DATE:	.PE 53844 EB 2322	SHT 4 OF 13

PLAN INDEX

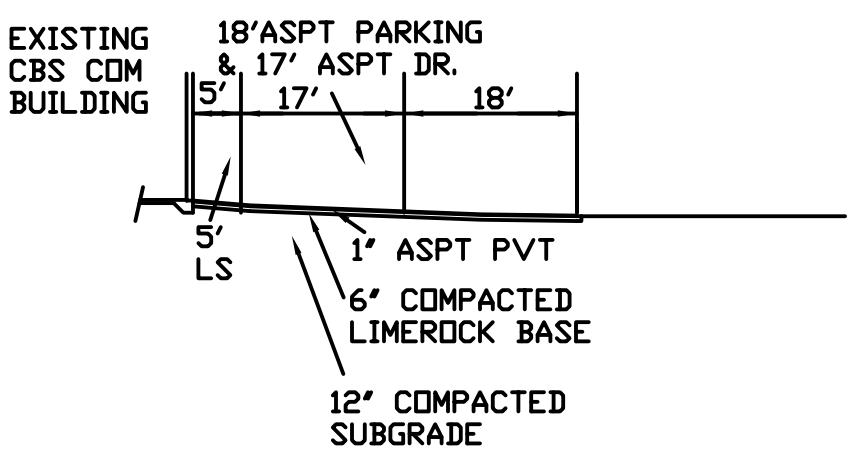
- SHEET 1 OF 7 PARKING PLAN
SHEET 2 OF 7 BUILDING ELEVATIONS
SHEET 3 OF 7 FLOOR PLAN
SHEET 4 OF 7 ELECTRICAL PLAN
SHEET 5 OF 7 PLUMBING SANITARY SEWER
SHEET 6 OF 7 PLUMBING POTABLE WATER
SHEET 7 OF 7 MECHANICAL PLAN



SCALE: 1" = 20'



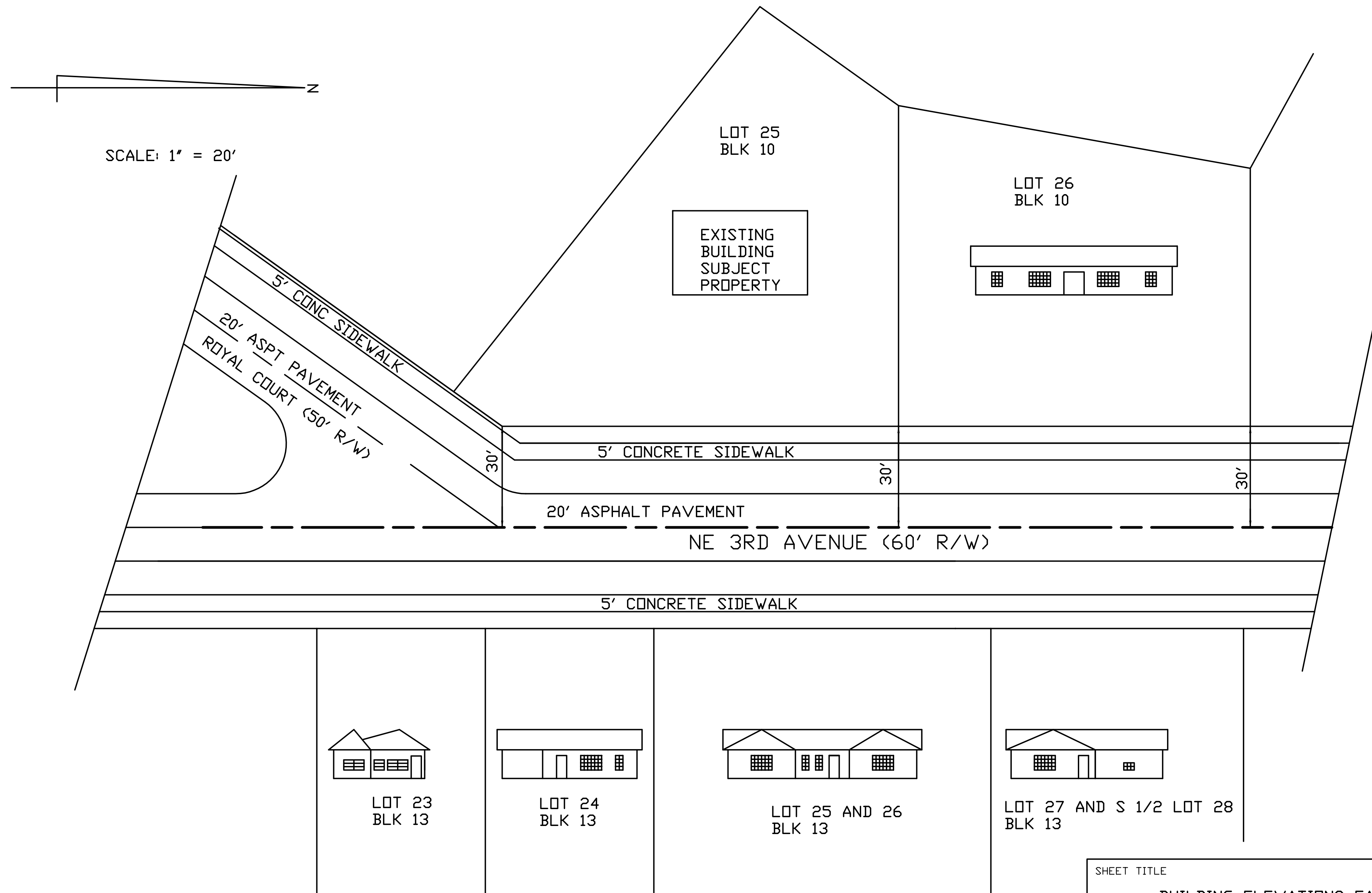
PARKING PLAN, SCALE: 1" = 20'



PARKING TYPICAL CROSS SECTION SCALE: 1" = 20'

NOTE: STATIONS FOR EXISTING DRIVES ARE TIED TO THE

SHEET TITLE	PROPOSED NEW ASPHALT DRIVE, PARKING AND SITE PLAN WITH EXISTING DRIVES
	PROJECT
GENTRY ENGINEERING & LAND SURVEYING, INC.	QC EAST HOLDINGS LLC 702 NE 3RD AVENUE DELRAY BEACH, FLORIDA
	P.O. BOX 93-2101 DELRAY BEACH FLORIDA, PH 561 302 9983 SHT 8 OF 13

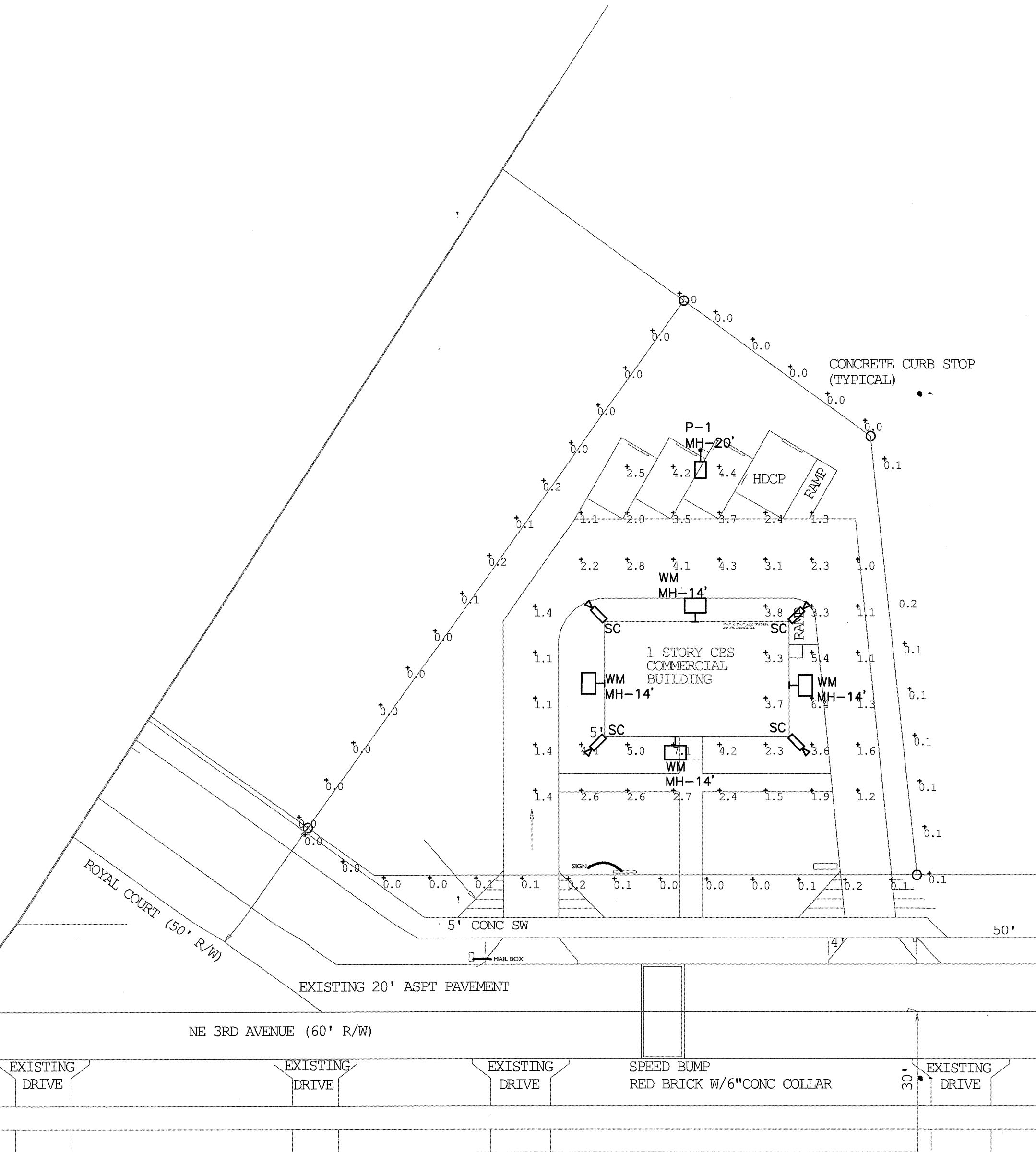


SHEET TITLE
BUILDING ELEVATIONS FACING NE 3RD AVENUE
PROJECT
QC EAST HOLDINGS LLC 702 NE 3RD AVENUE DELRAY BEACH, FLORIDALINE
GENTRY ENGINEERING & LAND SURVEYING, INC.
P.O. BOX 83-2101 DELRAY BEACH FLORIDA, PH 561 302 9983 SHT 11 OF 13

LIGHTING FIXTURE SCHEDULE											
DESIG	SYMBOL	DESCRIPTION	MOUNT	LAMP/LUMEN	MANUF.	CATALOG	VOLT	REMARKS	QUANTITY	WATTS	TOTAL WATTS
P-1		LED SINGLE POLE	SURFACE	7249.8	LUMINOSO	GLX-60W-50K-4M-HSS-20'MH	UNIV	1	1	60.0	60.0
WM		LED WALL MOUNT	SURFACE	3867.2	LUMINOSO	PAK-30W-50K-3M1-12'MH	UNIV	1,2	4	30.0	120.0
	TOTAL										180
GENERAL NOTES: NOTE 1: PROVIDE SUBMITTALS FOR ARCHITECTS/OWNER REVIEW PRIOR TO ORDERING POLES. NOTE 2: MOUNTING HEIGHT - 12' *** GENERAL CONTRACTOR TO VERIFY QUANTITY OF LIGHT FIXTURES PRIOR TO BIDDING.											

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Property	Illuminance	Fc	0.06	0.2	0.0	N.A.	N.A.
Site	Illuminance	Fc	2.81	7.1	1.0	2.81	7.10

Luminaire & Security Cameras Schedule						
Symbol	Label	Arrangement	Total Lamp Lumens	LLF	Description	
	P-1	SINGLE	7249.8	0.900	Luminoso # GLX-60W-50K-4M / 20' MH / 28' OAL Direct Burial Fiberglass	
	WM	SINGLE	3867.2	0.900	Luminoso # PAK-30W-50K-3M1 - 12' MH Wall Mounted / Full Cut-Off	
	SC	SINGLE	N/A	N/A	SECURITY CAMERA MODEL #ZOSI # 1AR-08CN10-US Digital Recorder	



PHOTOMETRIC SITE PLAN
1"=20'-0"



Project		Date	
Type			
Model			

Features

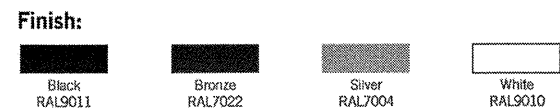
- Construction:**
 - Rugged one-piece, die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber.
 - Housing is completely sealed against moisture and environmental contaminants.
- Optics:**
 - Available in IES Type II, III, IV, V, and 90°x120° distributions.
 - Light engines are available in standard 4000K and 5000K (80 CRI) configurations.
 - Scalable Lumen Packages from 11,200 to 72,500 Lumens replaces up to 1000W Metal Halide.
 - Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing.

- Electrical:**
 - Universal 120-277 VAC or 347-480 VAC input voltage
 - Standard with 0-10V dimming drivers)
 - THD: ≤15%
 - Power Factor: 0.95
 - 20kVA Surge Protection Standard

- Controls:**
 - 0-10V, DMX, DALI Optional
 - Optional Photocell

- Ambient Temperature:**
 - Ambient operating temperature -40°F to 113°F

- Lifespan:**
 - Estimated 70,000-hour LED lifespan based
 - on IES LM-80 results and TM-21 calculations



ORDER INFORMATION

EXAMPLE: GLZ-150W-Y-40K-3M-SF-SV

Series	Wattage	Voltage	CCT	Optics	Mount	Photocell	Finish
GLZ	80W	Y = 120-277V HV = 347-480V	30K = 3000K	2M	SF = Slip Fitter	Blank=None PC=120-277V	BK=Black
	100W			3M	DA = Direct Arm		BZ=Bronze
	150W			3S	YK = Yoke		SV=Silver
	185W		50K = 5000K	4M	TR = Trunnion		WH=White
	240W			5M			
	300W			90°x120°			
	400W			TO (Finest Optics)			
	500W						

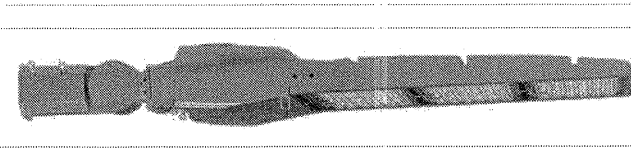
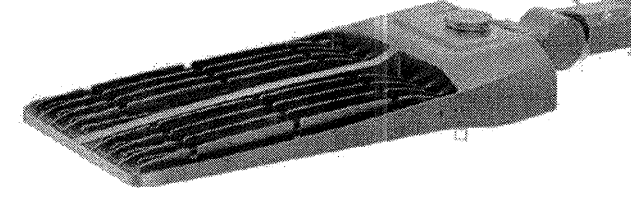
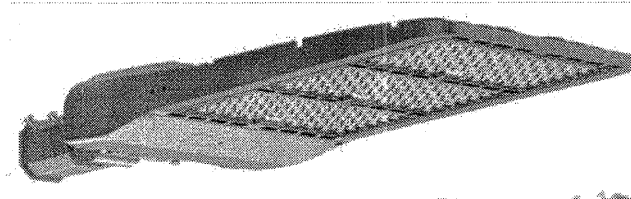
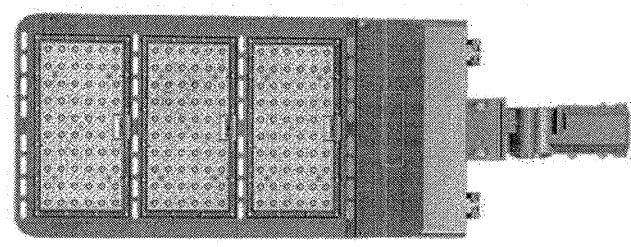
Enter configuration:

** Special Order

06.29.2019

Luminosoled.com

GLZ Series LED Area Light



Features & Benefits

01: HOUSING

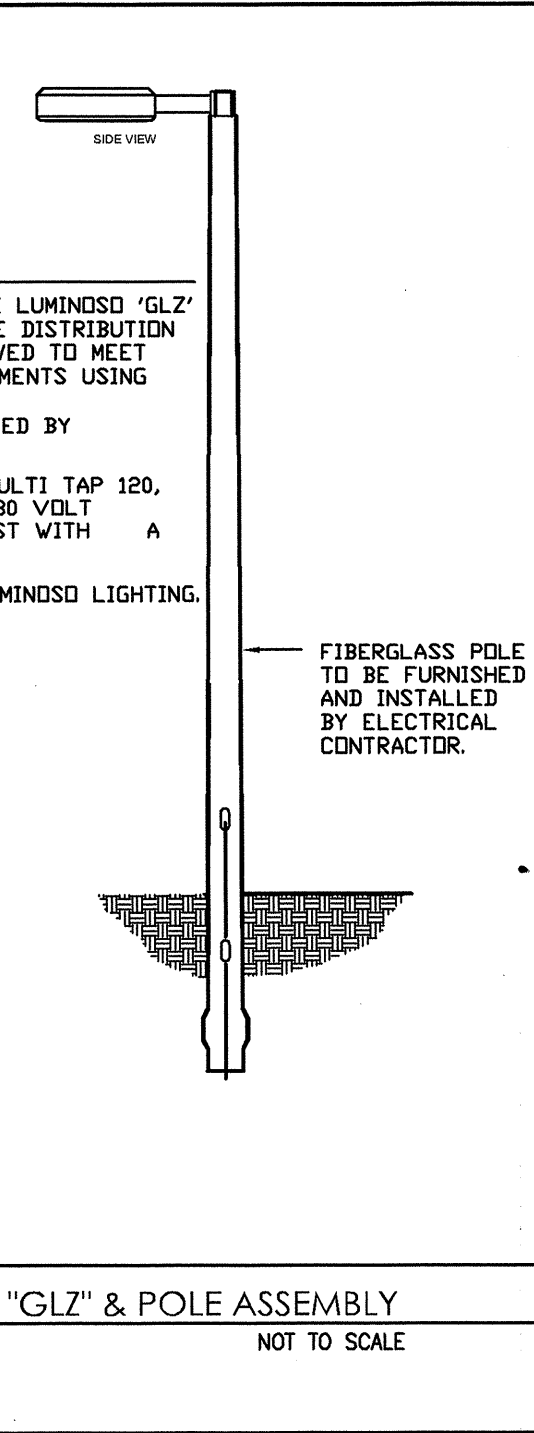
- Die cast aluminum housing
- Modular design allows for easy installation, replacement and maintenance
- IP68 rated

02: FINISH

- Corrosion resistant polyester powder painted 100um thickness
- Meets a 1000-hour salt spray certification per ASTM B117/ISO 9227:2012
- Standard colors: Silver, Black, Bronze and White
- Customized colors are available

03: LED / OPTICAL ASSEMBLY / FWC / IDA

- Each PCB are mounted with a TVS (Transient Voltage Suppressors) to protect the LEDs from voltage transients induced by lightning and other transient voltage events.
- High-uniformity LED optics are constructed of durable optical polycarbonate that is impact and UV resistant
- The metal plate provides double protection for the LED light engine and prolongs LED optics life
- Over 20 optical lenses are available for virtually any application.
- Each LED module are 100% tested prior to assembly which is IP67 rated.
- FWC Certification: AMBER light fixture available, 30W & 40W only.
- IDA Certification requires 30K CCT or lower and for future to be fixed mount at 90°.



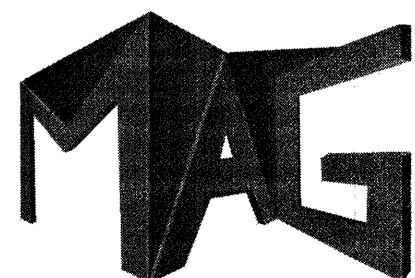
NOTES:

- SITE LIGHTING TO BE LUMINOSO "GLZ" SERIES LED. MULTIPLE DISTRIBUTION SHAPES WILL BE ALLOWED TO MEET FOOTCANDLE REQUIREMENTS USING SEGMENTED OPTICS.
- FINISH TO BE SELECTED BY ARCHITECT
- BALLAST SHALL BE MULTI TAP 120, 240, OR 277 VOLT. 480 VOLT AVAILABLE UPON REQUEST WITH A (2) YEAR WARRANTY.
- MANUFACTURED BY LUMINOSO LIGHTING.

FIBERGLASS POLE TO BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.

1 28' DIRECT BURIAL LIGHT POLE / "O" SERIES/SMOOTH WHITE/2-3/8" OD TENON
PH-1 NOT TO SCALE

2 LUMINOSO "GLZ" & POLE ASSEMBLY
PH-1 NOT TO SCALE



MAG ENGINEERING INC.
CONSULTING ENGINEERS

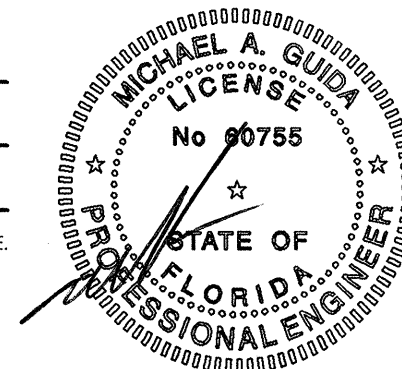
6401 Congress Ave, Suite 230
Boca Raton, Florida 33487
T: 561 771-1010
F: 561-740-1585
CA# 27754

DESIGNED MAG

DRAWN SP

CHECKED MAG

MICHAEL GUIDA, P.E.
PE 60755



DATE: 11/25/2019

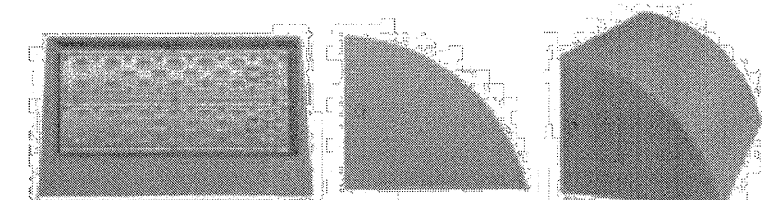
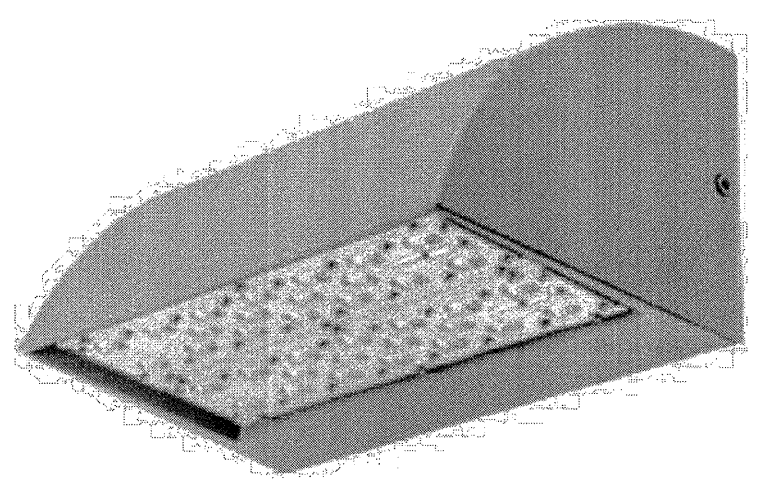
JOB#: 191177

QC EAST HOLDINGS LLC
PHOTOMETRIC

702 NE 3RD AVENUE,
DELRAY BEACH, FL 33444
PROJECT NO. 191177
DATE: 11-25-19

REVISIONS

PAK Series LED Wall Pack



PHOTOMETRIC SITE
PLAN, LIGHTING
SCHEDULE AND
DETAILS

CONSTRUCTION DOCUMENTS

PH-1