

Ground Floor: Dimensional Control Plan

Scale: 1/8" = 1'-0"

CONSULTANT

STATE OF FLORIDA  
REGISTERED ARCHITECT

Gregory B. Babin  
FL REG. # AB 6384  
DATE: 11-06-18

GBM  
ARCHITECTURE PA

ARCHITECTURE  
PLANNING  
INTERIORS

8301 S. BAY AVENUE, SUITE 118  
FORT LAUDERDALE, FLORIDA 33309  
TEL: 954.718.6101  
FAX: 954.812.6600  
WWW.GREGORYBABBINARCHITECTURE.COM

GRIECO DELRAY CHEVROLET  
2605 SOUTH FEDERAL HIGHWAY  
DELRAY BEACH, FL 33483  
CITY OF DELRAY BEACH  
PALM BEACH COUNTY

DRAWING ISSUE DATES:  
11-04-18: 5963B (ISSUE)  
11-30-18: 5963B REV

GROUND FLOOR:  
DIMENSIONAL  
CONTROL PLAN

SHEET  
A-2.1  
PROJECT: 17101D  
DATE: 11-06-18  
PERMITS NO.

REFER TO SHEET A-2.01  
LIFE SAFETY PLAN FOR CONSTRUCTION  
TYPE AND LIFE SAFETY LEGEND

GROUND FLOOR  
FOOTPRINT  
26,630 sf

23 SERVICE BAYS  
12,277 sf

GROUP S-1: OCCUPANCY  
14,264 gsf area  
Ground Floor Finished Slab Elevation  
(9'-0" = 14.5 NGVD 29)

GROUP B: OCCUPANCY  
12,696 gsf area  
Ground Floor Finished Slab Elevation  
(9'-0" = 14.5 NGVD 29)

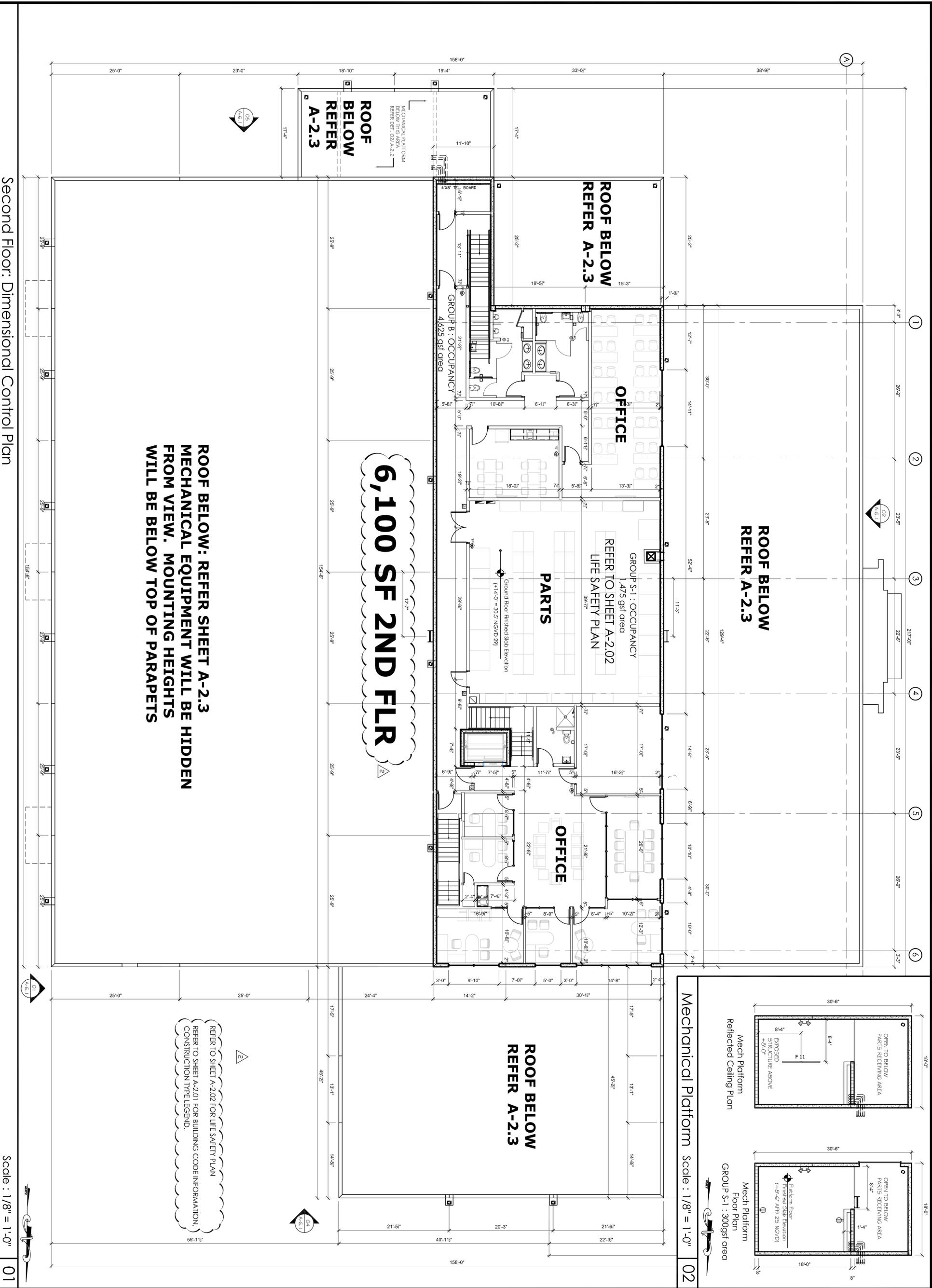
OUTDOOR  
DISPLAY  
NEW CAR  
DELIVERY  
1,286 sf

OFFICE / SALES  
2,949sf

PARTS  
DEPT.  
1,557 sf

SERVICE  
DRIVE  
THRU  
3,498 sf

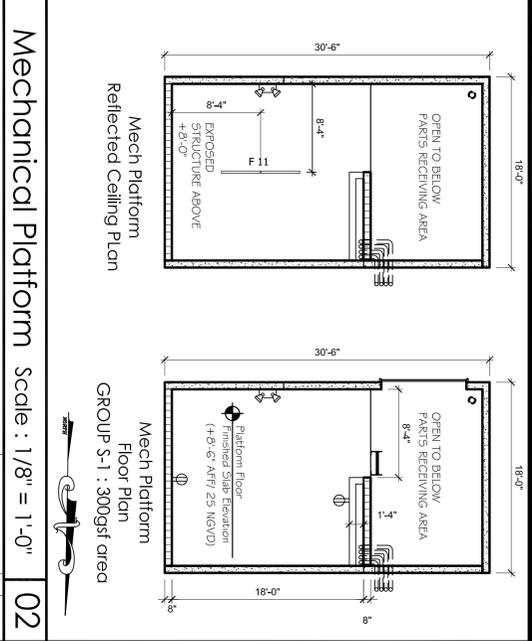
elect  
105 sf  
compr  
183 sf  
Tire sto  
125 sf



**ROOF BELOW: REFER SHEET A-2.3  
MECHANICAL EQUIPMENT WILL BE HIDDEN  
FROM VIEW. MOUNTING HEIGHTS  
WILL BE BELOW TOP OF PARAPETS**

**6,100 SF 2ND FLR**

REFER TO SHEET A-2.02 FOR LIFE SAFETY PLAN  
REFER TO SHEET A-2.01 FOR BUILDING CODE INFORMATION,  
CONSTRUCTION TYPE LEGEND.



**Mechanical Platform scale : 1/8" = 1'-0"**

SHEET  
**A-2.2**  
PROJECT 171010  
DATE 11-06-18  
PERMIT NO.

SECOND FLOOR:  
DIMENSIONAL  
CONTROL PLAN

DRAWING ISSUE DATES:

1	07-24-18	DRG COMMENTS
2	11-30-18	5/19/18 REV

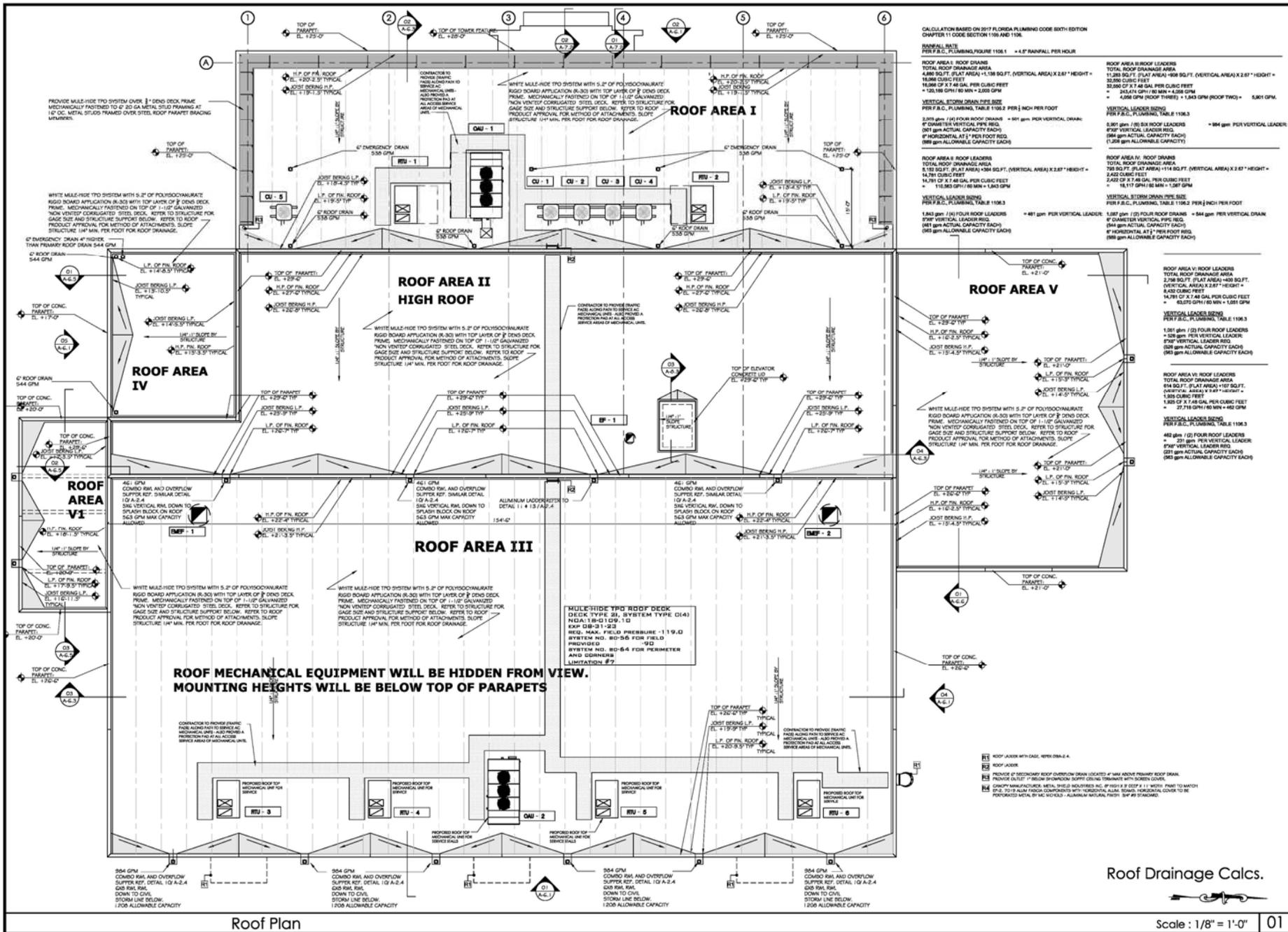
**GRIECO DELRAY CHEVROLET**  
 2605 SOUTH FEDERAL HIGHWAY  
 DELRAY BEACH, FL 33483  
 CITY OF DELRAY BEACH      PALM BEACH COUNTY

2 B D O 1, 301 3RD AVENUE, SUITE F 5  
 FORT LAUDERDALE, FLORIDA 33315  
 T : 954.713.6101  
 C : 954.812.6680  
 E: info@delraychevrolet.com  
 www.delraychevrolet.com

**CBM**  
 ARCHITECTURE PA  
 ARCHITECTURE  
 1100 N. W. 10TH AVENUE  
 SUITE 200  
 MIAMI, FL 33136

CONSULTANT  
 STATE OF FLORIDA  
 REGISTERED ARCHITECT  
 Gregory B. Mann  
 FL REG # AR 93354  
 DATE 11-06-18

I AM A REGISTERED ARCHITECT. THIS DOCUMENT  
 REPRESENTS MY PROFESSIONAL OPINION AND  
 IS NOT TO BE REPRODUCED OR TRANSMITTED IN  
 ANY FORM OR BY ANY MEANS, WITHOUT THE  
 WRITTEN PERMISSION OF THE ARCHITECT.



CALCULATION BASED ON 2017 FLORIDA PLUMBING CODE SIXTH EDITION CHAPTER 11 CODE SECTION 1105 AND 1106.

MANIFOLD RATE PER I.P.C. PLUMBING TABLE 1106.1 = 4.87 GPM PER HOUR

**ROOF AREA I: ROOF DRAINS**  
 TOTAL ROOF DRAINAGE AREA = 11,380 SQ.FT. (FLAT AREA) + 108 SQ.FT. (VERTICAL AREA) X 2.87' HEIGHT = 32,580 CUBIC FEET  
 16.98 CUBIC FEET PER CUBIC FOOT = 12,180 GPM @ 60 MIN + 2,000 GPM

**ROOF AREA II: ROOF LEADERS**  
 TOTAL ROOF DRAINAGE AREA = 11,380 SQ.FT. (FLAT AREA) + 108 SQ.FT. (VERTICAL AREA) X 2.87' HEIGHT = 32,580 CUBIC FEET  
 16.98 CUBIC FEET PER CUBIC FOOT = 12,180 GPM @ 60 MIN + 2,000 GPM

**ROOF AREA III: ROOF LEADERS**  
 TOTAL ROOF DRAINAGE AREA = 11,380 SQ.FT. (FLAT AREA) + 108 SQ.FT. (VERTICAL AREA) X 2.87' HEIGHT = 32,580 CUBIC FEET  
 16.98 CUBIC FEET PER CUBIC FOOT = 12,180 GPM @ 60 MIN + 2,000 GPM

**ROOF AREA IV: ROOF LEADERS**  
 TOTAL ROOF DRAINAGE AREA = 11,380 SQ.FT. (FLAT AREA) + 108 SQ.FT. (VERTICAL AREA) X 2.87' HEIGHT = 32,580 CUBIC FEET  
 16.98 CUBIC FEET PER CUBIC FOOT = 12,180 GPM @ 60 MIN + 2,000 GPM

**ROOF AREA V: ROOF LEADERS**  
 TOTAL ROOF DRAINAGE AREA = 11,380 SQ.FT. (FLAT AREA) + 108 SQ.FT. (VERTICAL AREA) X 2.87' HEIGHT = 32,580 CUBIC FEET  
 16.98 CUBIC FEET PER CUBIC FOOT = 12,180 GPM @ 60 MIN + 2,000 GPM

**ROOF AREA VI: ROOF LEADERS**  
 TOTAL ROOF DRAINAGE AREA = 11,380 SQ.FT. (FLAT AREA) + 108 SQ.FT. (VERTICAL AREA) X 2.87' HEIGHT = 32,580 CUBIC FEET  
 16.98 CUBIC FEET PER CUBIC FOOT = 12,180 GPM @ 60 MIN + 2,000 GPM



Shirley S. Babin  
 P.E. No. 8493354  
 DATE: \_\_\_\_\_



ARCHITECTURE  
 2605 SOUTH FEDERAL HIGHWAY  
 DELRAY BEACH, FL 33483

CONSULTANT  
 STATE OF FLORIDA  
 REGISTERED PROFESSIONAL ENGINEER  
 Shirley S. Babin  
 P.E. No. 8493354  
 DATE: \_\_\_\_\_

GBM  
 ARCHITECTURE  
 2605 SOUTH FEDERAL HIGHWAY  
 DELRAY BEACH, FL 33483

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 PALM BEACH COUNTY

DRAWING ISSUE DATES:

ROOF PLAN

SHEET  
 A-2.3  
 PROJECT NO. 17101D  
 DATE 11-06-18  
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