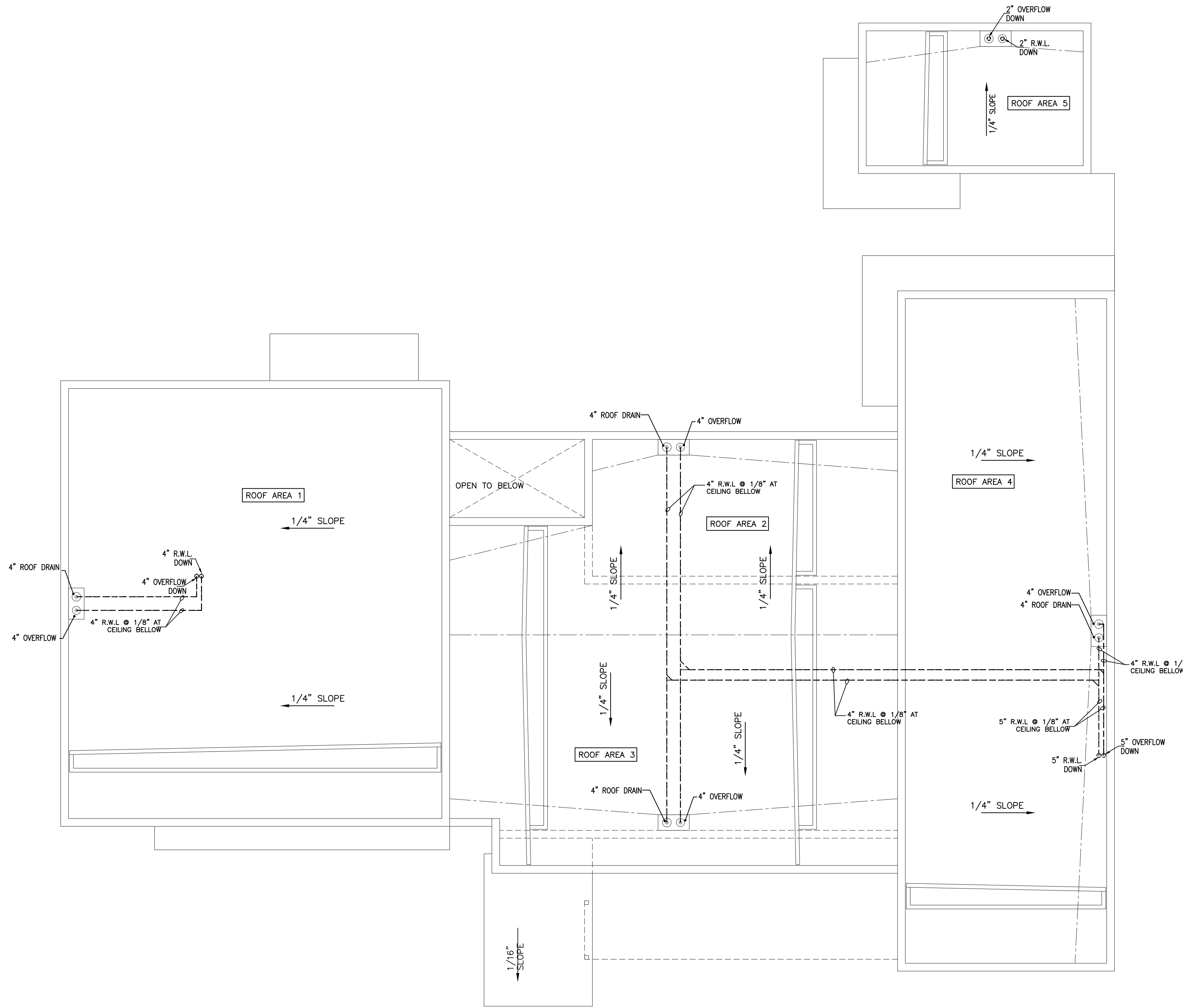
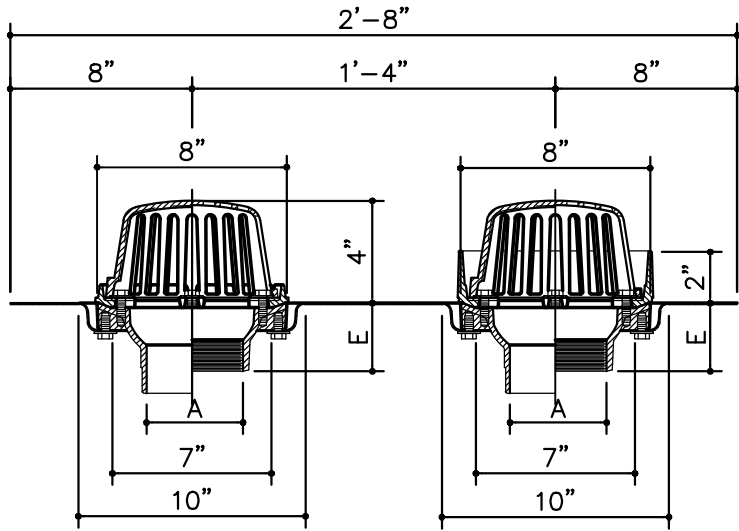




| ROOF DRAIN CALCULATION       |                                      |                                        |             |       |             |                              |
|------------------------------|--------------------------------------|----------------------------------------|-------------|-------|-------------|------------------------------|
| AS PER TABLE 1106.3 F.B.C.P. |                                      |                                        |             |       |             |                              |
| ROOF AREA (ID)               | HORIZONTAL PROJECTED ROOF AREA SQ.FT | 1/2 VERTICAL PROJECTED ROOF AREA SQ.FT | TOTAL SQ.FT | FT²   | TOTAL G.P.M | PROPOSED DIMENSION OF LEADER |
| 1                            | 1,167 SF                             | 68.5 SF                                | 1,235.5 SF  | 514.0 | 64.0        | 4"ø Ø1/8" SLOPE              |
| 2                            | 546 SF                               | 23.5 SF                                | 569.5 SF    | 234.0 | 30.0        | 4"ø Ø1/8" SLOPE              |
| 3                            | 734 SF                               | 26.0 SF                                | 760.0 SF    | 316.0 | 40.0        | 4"ø Ø1/8" SLOPE              |
| 4                            | 973 SF                               | 80.0 SF                                | 1,053.0 SF  | 436.0 | 55.0        | 4"ø Ø1/8" SLOPE              |
| 5                            | 212 SF                               | 29.0 SF                                | 241.0 SF    | 100.0 | 14.0        | 2"ø Ø1/8" SLOPE              |



ROOF DRAIN DETAIL 1 (TYP)  
MAIN ROOF DRAIN W/ OVERFLOW DRAIN  
(MODEL NO. Z165 BY ZURN OR APPROVED EQ.)  
TYP. FOR ALL FLAT ROOFS  
CONSULT DRAIN & ROOFING MANUFACTURE FOR INSTALLATION.

NOTE:  
1. MINIMUM ROOF SLOPE TO BE 1/4" PER FOOT FOR ALL AREAS T.P.O.  
EVERGUARD PVC MEMBRANE SINGLE PLY ROOFING SYSTEM OVER CONC DECKS W/ DADE COUNTY. PRODUCT APPROVAL FL-16730-R8 BY "G.A.F." OR APPROVED EQUAL. MANUF. TO PROVIDE SHOP DWGS.  
INCLUDING UP-LIFT CALCULATIONS FOR A/E REVIEW AND APPROVAL ON SLOPED LIGHTWEIGHT CONCRETE BY ELASTIZELL NOA: 13-0617.20 W/ MIN R-30 INSULATION.  
2. PROVIDE SOUND INSULATION AROUND RAIN WATER LEADER  
3. SLOPE OF HORIZONTAL STORM DRAINAGE PIPING TO BE 1% (1/8":12"), EXCEPT INDICATED.

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NEW RESIDENCE  
FOR  
ELIGES INVESTORS CONSTRUCTION  
AT  
9841 SW 73rd COURT  
PINECREST, FLORIDA 33156

STRUCTURAL ENGINEER: EASTERN ENGINEERING 3401 NW 86th AVE. SUITE 370 MIAMI, FLORIDA 33122 305-599-8133  
SEAL:

MECHANICAL ENGINEER:

CIVIL ENGINEER:

LANDSCAPE ARCHITECT:

ARCHITECT:  
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KEY PLAN:



COMM. NO.: 17-117 NO: REVISION: DATE:

DATE: JANUARY, 2022

DRAWN BY:

CONTENT:

SHEET NUMBER:

PLUMBING ROOF PLAN  
SCALE: 3/16" = 1'-0"

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