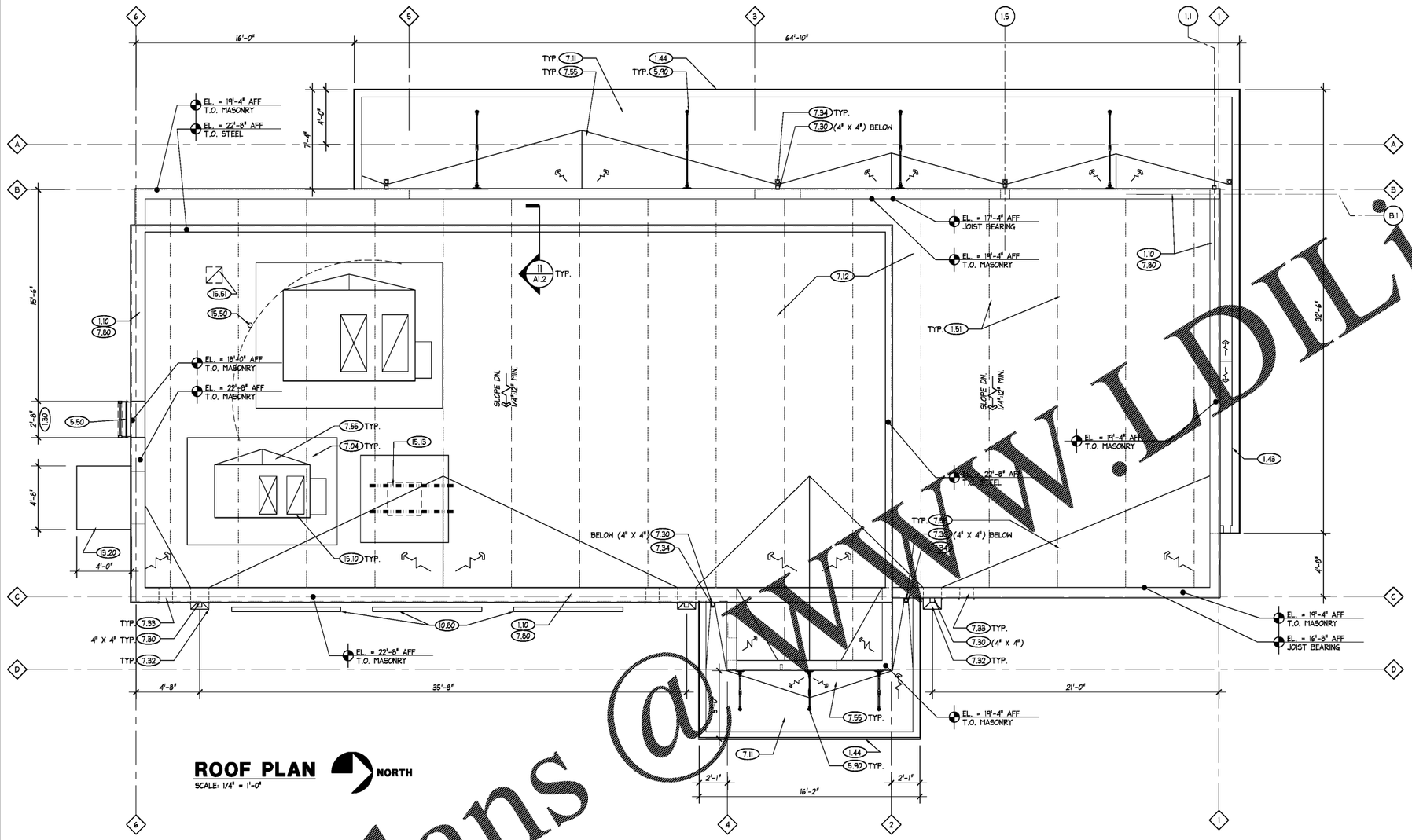
REFER TO SHEET A0.3 FOR KEYNOTE SCHEDULE




## ROOF PLAN

SCALE: 1/4" = 1'-0"

NORTH

## PRIMARY AND EMERGENCY ROOF DRAIN CALCULATIONS

**FPC- PLUMBING**
**APPENDIX B - RATES OF RAINFALL - CITY OF ORLANDO, FL: 8 INCHES**

**MAIN ROOF:** FPC - PLUMBING TABLE 1106.2(2) - SIZE OF RECTANGULAR VERTICAL CONDUCTORS AND LEADERS: 3" DIAMETER DOWNSPOUT WILL PERMIT DRAINAGE OF 3,180 SQ. FT. OF ROOF AREA COVERAGE

(3) 4" X 4" DOWNSPOUTS WITH EMERGENCY OVERFLOW SCUPPER SERVING (3) ZONE AREAS AS DESCRIBED BELOW:

ZONE 1: 622 SQ. FT.
ZONE 2: 791 SQ. FT.
ZONE 3: 863 SQ. FT.

**ENTRANCE CANOPY:** FPC - PLUMBING TABLE 1106.2.1 - SIZE OF CIRCULAR VERTICAL CONDUCTORS AND LEADERS: 2" DIAMETER ROOF DRAIN WILL PERMIT DRAINAGE OF 575 SQ. FT. OF ROOF AREA.

(4) 2" DIAMETER ROOF DRAINS THAT DISCHARGE INTO (4) 4" X 4" DOWNSPOUTS AND SERVE THE ZONE AREAS DESCRIBED BELOW:

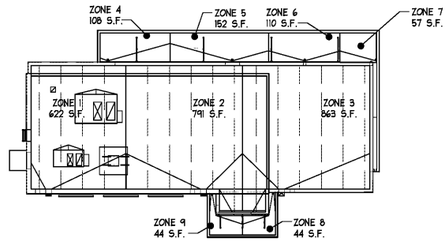
ZONE 4: 108 SQ. FT.
ZONE 5: 152 SQ. FT.
ZONE 6: 110 SQ. FT.
ZONE 7: 57 SQ. FT.

**DRIVE-THRU CANOPY:** FPC - PLUMBING TABLE 1106.2.1 - SIZE OF CIRCULAR VERTICAL CONDUCTORS AND LEADERS: 2" DIAMETER ROOF DRAIN WILL PERMIT DRAINAGE OF 575 SQ. FT. OF ROOF AREA.

(2) 2" DIAMETER ROOF DRAINS THAT DISCHARGE INTO (2) 4" X 4" DOWNSPOUTS AND SERVE THE ZONE AREAS DESCRIBED BELOW:

ZONE 8: 44 SQ. FT.
ZONE 9: 44 SQ. FT.

**THE STATED VERTICAL CONDUCTORS AND ROOF DRAINS ARE ALL WITHIN ALLOWABLE LIMITS FOR AREA SERVED BASED ON RAINFALL RATES FOR THIS REGION**




## ROOF DRAINAGE PLAN

N.T.S.

**ALL DOWNSPOUTS EXTENDING TO GRADE SHALL BE CONNECTED TO THE UNDERGROUND STORM SEWER UNLESS OTHERWISE NOTED. REFER TO CIVIL DRAWINGS. A CAST ALUMINUM TRANSITION BOOT WITH CLEAN OUT SHALL BE PROVIDED FOR THIS CONNECTION. REFER TO DETAIL ON SHEET A5.1**

**THE GENERAL CONTRACTOR SHALL CLOSELY COORDINATE LOCATIONS OF UNDERGROUND PIPING TO PRECISELY ALIGN WITH ROOF SCUPPERS AND DOWNSPOUTS**

**REFER TO WALL SECTIONS FOR DESCRIPTION OF CANOPIES AND AWNINGS AND REFERENCES TO DETAILS**

**REFER WALL SECTIONS FOR REFERENCES TO PARAPET AND ROOF DETAILS. SEE STRUCTURAL DRAWINGS FOR JOIST REQUIREMENTS**

Order Plans @ WWW.LDILine.com

FWH Architects
Lic.# AA 0003300
333 Grand Blvd. Suite 201
Holiday, Florida 34690
Ph. 727. 815. 3336
Fax 727. 815. 3337

brightwork real estate
3708 WEST SWANN AVE, SUITE 200
TAMPA, FL 33609
PHONE: 813.874.1700

TO THE BEST OF THE KNOWLEDGE OF THE ARCHITECTS AND ENGINEERS, PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE MINIMUM FIRE SAFETY STANDARDS

GUY F. FABER
FL License No. AR0015323

| no. | date | revision descriptions |
|---|---|---|

**STARBUCKS**
**SHELL CONSTRUCTION**
2500 MONUMENT ROAD
JACKSONVILLE, FL

12.13.17
date
17047
comm. no.
ROOF PLAN

A1.1