

ROOF PLAN NOTES

- TO ROOF ELEVATION = TO INSULATION = 18'-0" ±
- ROOF DRAIN SCUPPER W/ CONDUCTOR HEAD AND DOWNSPOUT TO PROVIDE PRIMARY ROOF DRAINAGE. OVERFLOW SCUPPERS PROVIDED AS SECONDARY DRAINAGE SYSTEM.

ROOF DRAINAGE CALCS

HORIZONTAL ROOF SURFACE:	5,910 SF
VERTICAL ROOF SURFACE:	NOT INCLUDED (MINIMAL)
TOTAL PROJECT ROOF AREA:	5,910 SF
100 YEAR 1-HOUR RAINFALL RATE:	4.5" PER HOUR
REQD GPM BASED UPON ROOF AREA:	0.0104 X 4.5" X 5,910 SF = 277 GPM REQD
VERTICAL LEADER SIZE:	5" X 8"
LEADER CAPACITY:	563 GPM X 2 LEADERS = 1,126 GPM PROVIDED
ROOF SCUPPER SIZE:	8" HIGH X 14" WIDE MIN (4" MIN HEAD WATER)
REQD OVERFLOW SCUPPER SIZE:	EQUAL TO PRIMARY

KEYED NOTES

- THERMOPLASTIC (TPO) ROOFING MEMBRANE OVER POLY-ISO INSULATION ON MTL ROOF DECK. (R-20± MIN)
- VENT PIPE THROUGH ROOF (VTR) STRUCTURE AND MEMBRANE. SEE MECH. COORDINATE ACTUAL LOCATION IN FIELD.
- EXHAUST THROUGH ROOF STRUCTURE AND MEMBRANE. SEE MECH. COORDINATE ACTUAL LOCATION IN FIELD.
- NOT USED.
- TAPERED INSULATION, (SHOWN HATCHED)
- AIR INTAKE VENT. SEE MECH. COORD ACTUAL LOCATION IN FIELD
- INSULATION CRICKET TO PROVIDE POSITIVE DRAINAGE AROUND ROOF-TOP EQUIPMENT. (SHOWN HATCHED)
- 30" X 36" ROOF ACCESS HATCH.
- ROOF TRAFFIC WALKWAY PATH AROUND ACCESS HATCH.
- AWNING OR CANOPY ROOF BELOW.
- PREFIN MTL FASCIA, COPING AND/OR WALL CAP. SEE EXTERIOR ELEVATIONS FOR FINISH REQUIREMENTS.
- 8" H X 14" W MIN PRIMARY ROOF SCUPPER WITH 4" Ø MIN LEADER DOWNSPOUT.
- OVERFLOW ROOF SCUPPER. SIZE SHALL MATCH PRIMARY ROOF SCUPPER.
- ROOF TOP UNIT (RTU). SEE MECH.
- SATELLITE DISH BY TENANT VENDOR. MOUNTED TO BACK OF PARAPET. GC TO COORDINATE LOCATION IN FIELD. PROVIDE 1 1/2" GOOSENECK CONDUIT THROUGH ROOF FOR SERVICE VENDOR INSTALLATION.
- SKYLIGHT W/ HEAT AND SMOKE VENT. SEE MECH.
- EXTEND ROOF MEMBRANE TO WALL CAP.

PROTOTYPE TEMPLATE:

NORTHLAKE
v.2020.1.08.TKD

PROJECT INFORMATION:

TIRE KINGDOM.
STORE # 945
10520 COLONIAL BLVD
FT MEYERS, LEE COUNTY, FLORIDA

95% REVIEW SET
18 AUGUST 2020

PROJECT NO.: 2020-095
DRAWN BY: BMT
CHECKED BY: EKB

ISSUE DATE
PERMIT PLAN REVIEW 11-AUG-2020

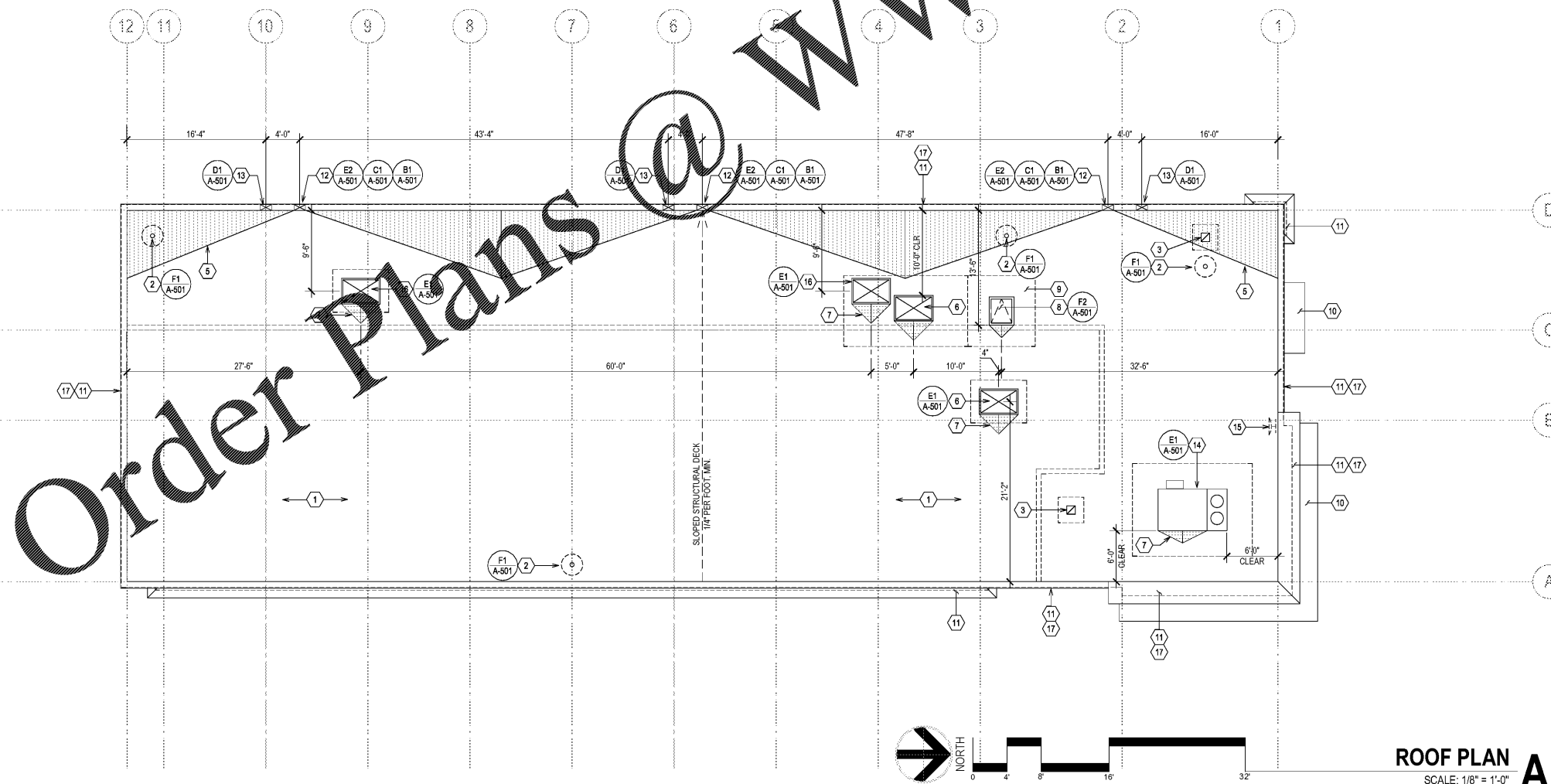
REVISION DATE

SHEET TITLE:

ROOF PLAN

SHEET NUMBER:

A-103



ROOF PLAN A1
SCALE: 1/8" = 1'-0"