1. OWNER / GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FOOTING AND ANCHOR BOLT INSTALLATION.

2. ALL FOOTINGS SHALL BE CAST ON LEVEL UNDISTURBED SOIL, ROCK OR PROPERLY COMPACTED SUBGRADE. FOOTING SIZE BASED ON AN ASSUMED 1'-6" BURY OF THE COLUMNS FROM THE BOTTOM OF BASEPLATE TO FINISHED GRADE. ANY AMOUNT OF BURY LESS THAN 1'-0" WILL RESULT IN A LARGER FOOTING SIZE.

3. FOOTING CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.

4. FOOTING DESIGN BASED ON AN ASSUMED 1'-6" BURY OF THE COLUMNS FROM THE BOTTOM OF BASEPLATE TO FINISHED GRADE. IT SHOULD HAVE #4 HORIZONTAL FOUNDATION DEPTH OF 6'-0" IN PLACE OF THE ROUND FOUNDATION DETAIL A.

5. TOPS OF ALL FOOTINGS ARE ASSUMED TO BE AT SAME ELEVATION. OWNER / GENERAL CONTRACTOR SHALL PROVIDE PRIOR TO CANOPY FABRICATION. VARIATIONS FROM DESIGN ELEVATIONS MAY RESULT IN INADEQUATE CLEARANCE AND BURIAL DEPTH FROM HIGH GRADE UNDER CANOPY. WHERE TOPS OF FOOTINGS ARE AT DIFFERENT ELEVATIONS, THE FOOTING NOTES MAY BE REQUIRED.

6. OWNER / GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING NON-SHRINK GROUT UNDER ALL COLUMN BASES AFTER CANOPY IS LEVEL & SECURED.

7. FOOTING REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 DEFORMED BILLET STEEL BARS WITH SPACING AS SHOWN AS SHOWN. FOR ANCHOR BOLT ATTACHMENTS, BARS AT 3" OC FOR THE TOP 12" AND AT 12" OC THEREAFTER EACH WAY WITH #4 VERT. BARS AT CORNERS AND AT CENTER OF EACH FACE

8. FOOTINGS ARE ASSUMED TO BE CONSTRAINED BY DRIVE MAT CONCRETE. WHERE THIS CONDITION DOES NOT EXIST, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL SOIL PARAMETERS AND FOLLOWING APPLICABLE SOIL PREPARATION RECOMMENDATIONS.

9. TOP OF FOOTING TO BE AT SAME ELEVATION. OWNER / GENERAL CONTRACTOR SHALL PROVIDE ELECTRICAL BASE PLATE 1"x18"x18".

10. ANY DISCREPANCIES BETWEEN THE ABOVE NOTES AND LOCAL BUILDING CODE REQUIREMENTS SHALL BE REPORTED TO THE CANOPY MANUFACTURER IMMEDIATELY. COMMENCEMENT OF FOOTING INSTALLATION SHALL INDICATE THAT THE CANOPY DESIGNER, ARCHITECT AND STRUCTURAL ENGINEER OF RECORD WILL BE AT SAME ELEVATION. OWNER / GENERAL CONTRACTOR SHALL PROVIDE ELECTRICAL BASE PLATE 1"x18"x18"

11. OWNER / GENERAL CONTRACTOR SHALL PROVIDE FOUNDATION PLAN AS SHOWN AND THE EXISTING EXISTING BUILDING FOOTINGS PRIOR TO PLACEMENT OF CONCRETE TO ALLOW FOR MODIFICATION OF DESIGN ELEVATIONS AND FOUNDATION CLEARANCES.

12. OWNER / GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FOOTING AND ANCHOR BOLT INSTALLATION.

13. OWNER / GENERAL CONTRACTOR SHALL PROVIDE FOUNDATION PLAN AS SHOWN AND THE EXISTING EXISTING BUILDING FOOTINGS PRIOR TO PLACEMENT OF CONCRETE TO ALLOW FOR MODIFICATION OF DESIGN ELEVATIONS AND FOUNDATION CLEARANCES.

14. OWNER / GENERAL CONTRACTOR SHALL PROVIDE FOUNDATION PLAN AS SHOWN AND THE EXISTING EXISTING BUILDING FOOTINGS PRIOR TO PLACEMENT OF CONCRETE TO ALLOW FOR MODIFICATION OF DESIGN ELEVATIONS AND FOUNDATION CLEARANCES.
1. DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST AISC SPECIFICATIONS.

2. DESIGN, FABRICATION AND ERECTION OF COLD FORMED STEEL SECTIONS SHALL CONFORM TO THE LATEST AISI SPECIFICATIONS.

3. WELDING OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH LATEST ANSI / AWS D1.1.

4. FIELD CONNECTIONS SHALL BE BOLTED CONNECTIONS UNLESS SPECIFIED ON DRAWING.

5. ALL STRUCTURAL BOLTED CONNECTIONS SHALL USE ASTM A325 BOLTS. BOLTED JOINTS SHALL BE TIGHTENED TO SNUG TIGHT PER.

6. STRUCTURAL STEEL SHALL BE SHOP COATED WITH A RED-OXIDE RUST INHIBITIVE PRIMER. FIELD TOUCH-UP, FINISH PAINTING, AND ANCHOR BOLTS - ASTM F1554 GR. 36

7. DESIGN LOADS:

   a. RISK CATEGORY II
   b. BASED ON 115 MPH 3 SECOND GUST WIND SPEED AND EXPOSURE 'C' PER ASCE 7-10.
   c. LATERAL = 61.20 PSF (ULTIMATE)
   d. RAIN SURCHARGE = 5 PSF
   e. FLAT ROOF SNOW LOAD = 8.4 PSF + DRIFT @ ADJACENT BUILDING
   f. ROOF LIVE LOAD = 20 PSF
   g. UPLIFT = 22.90 PSF (ULTIMATE)

8. CONCRETE - 150 PCF

9. STRUCTURAL STEEL - SELF WT

10. FASCIA - 4.5 PSF (PER DESIGN)

11. DECK / GUTTER / LIGHTS - 4.5 PSF

12. SEISMIC LOADS:

   a. Cs = 0.213
   b. Sd = 0.266g (Ss = 0.25g, Fa = 1.6), Sd1 = 0.167g (S1 = 0.105g, FV = 2.4)
   c. SEISMIC FORCE RESISTING SYSTEM IS INVERTED PENDULUM - CANTILEVERED COLUMN, R = 1.25

13. COMPATIBILITY:

   a. WELDING OF STEEL SHALL BE IN ACCORDANCE WITH LATEST ANSI / AWS D1.1.
   b. WELDING OF STEEL SHALL BE IN ACCORDANCE WITH LATEST (2) A567.
   c. ALL STRUCTURAL BOLTED CONNECTIONS SHALL BE TIGHTENED TO SNUG TIGHT PER.
   d. LATERAL BRACING - 1/4" WEB STEIFFENERS (NS/FS) TYP.
   e. DESIGN LOADS PER CONNECTION (4) A-325 3/4" BOLT

14. TYPICAL CONNECTIONS:

   a. TYP. COLUMN / CROSSBEAM CONNECTION
   b. TYP. CONTINUOUS PURLIN CONNECTION
   c. TYP. INNER PURLIN CONNECTION
   d. TYP. ANGLE LATERAL BRACING
   e. STUB PURLIN CONNECTION

15. SCALE: 1/4"=1'-0"
MATERIAL SAMPLES

CANOPY DECK - UNDERSIDE FACE

COMPANY: LANE SUPPLY, INC.
COLOR: LANE HIGH GLOSS WHITE

CANOPY ROOF

COMPANY: LANE SUPPLY, INC.
COLOR: JET MATTE BLACK

CANOPY APPLIANCES

CANOPY LIGHT

LED CANOPY LIGHT - LEGACY (CRUS)
MODEL: LIGHT OUTPUT - CRUS
COLOR: COOL WHITE

OVERHEAD PATIO HEATER

SUPREME SCHMANK
MODEL: 2352 N OUTDOOR

INDUSTRIAL MOUNTED WORKSTATION FAN

TPI CORPORATION
MODEL: U-18-TE
FAN SIZE: 18"

MEAL DELIVERY CANOPY
REFERENCE ONLY, NON SITE SPECIFIC
MATERIAL SAMPLES

CANOPY DECK - UNDERSIDE FACE

COMPANY: LANE SUPPLY, INC.
COLOR: LANE HIGH GLOSS WHITE

CANOPY LIGHT
LC - Standard Square
LC - Raytektic

LED CANOPY LIGHT - LEGACY (Cрус)
MODEL: LIGHT OUTPUT - Cрус
COLOR: COOL WHITE

SHEET TITLE: PROJECT: CANOPY PROGRAM
DATE: OCT 11, 2018
REFERENCE ONLY, NON SITE SPECIFIC
FACE TO FACE DOUBLE LANE CANOPY

OVERHEAD PATIO HEATER
SUPREME SCHNAK
MODEL: 2552 N OUTDOOR

TPI CORPORATION
MODEL: U-18-TE
FAN SIZE: 18"