

GENERAL NOTES:

1. ALL DIMENSIONS TO, OF, AND IN EXISTING STRUCTURES SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER. DO NOT CHANGE THE SIZE NOR SPACING OF STRUCTURAL ELEMENTS WITHOUT THE APPROVAL OF THE ENGINEER.
2. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
3. THE DESIGN IS BASED ON THE INTERNATIONAL BUILDING CODE, 2012 EDITION.
4. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE UNDERGROUND UTILITIES.
5. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE OWNER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH ACTION SHALL REQUIRE ENGINEER'S APPROVAL.

CANOPY NOTES:

1. CANOPIES ARE TO REMAIN LEVEL WITH BUILDING.
2. ALL WELDING ON CANOPIES IS TO BE PERFORMED BY THE CANOPY MANUFACTURER WITHIN THEIR FABRICATION FACILITY.
3. DO NOT SLOPE CANOPIES WITH GRADE.
4. SEE CIVIL OR SITE PLANS FOR LOCATION DIMENSIONS.
5. SEE ARCHITECTURAL DRAWINGS FOR CANOPY ATTACHMENT DETAILS.

FOUNDATION AND SOIL PREPARATION NOTES:

1. THE FOUNDATION DESIGN IS BASED ON ALLOWABLE BEARING CAPACITY OF 1500 PSF, AND ALLOWABLE LATERAL BEARING CAPACITY OF 133 PSF AS PROVIDED IN THE 2012 INTERNATIONAL BUILDING CODE. SHOULD THE BUILDING OFFICIAL DETERMINE THAT IN PLACE SOILS HAVE AN ALLOWABLE CAPACITY LESS THAN 1500 PSF, A GEOTECHNICAL REPORT WILL BE REQUIRED TO DETERMINE ALLOWABLE CAPACITIES.
2. ALL PIERS SHALL BE EXCAVATED AND CONCRETE SHALL BE PLACED THE SAME DAY OR THE PIER IS TO BE RE-EXCAVATED PER THE INSTRUCTIONS OF THIS OFFICE.
3. BEAR ALL PIERS ON NATIVE UNDISTURBED SOIL. SOIL BEARING SURFACES WHICH ARE ALLOWED TO BECOME SATURATED, FROZEN OR DISTURBED SHALL BE REWORKED TO THE SATISFACTION OF OWNER'S REPRESENTATIVE.

DRILLED SHAFT (PIER) NOTES:

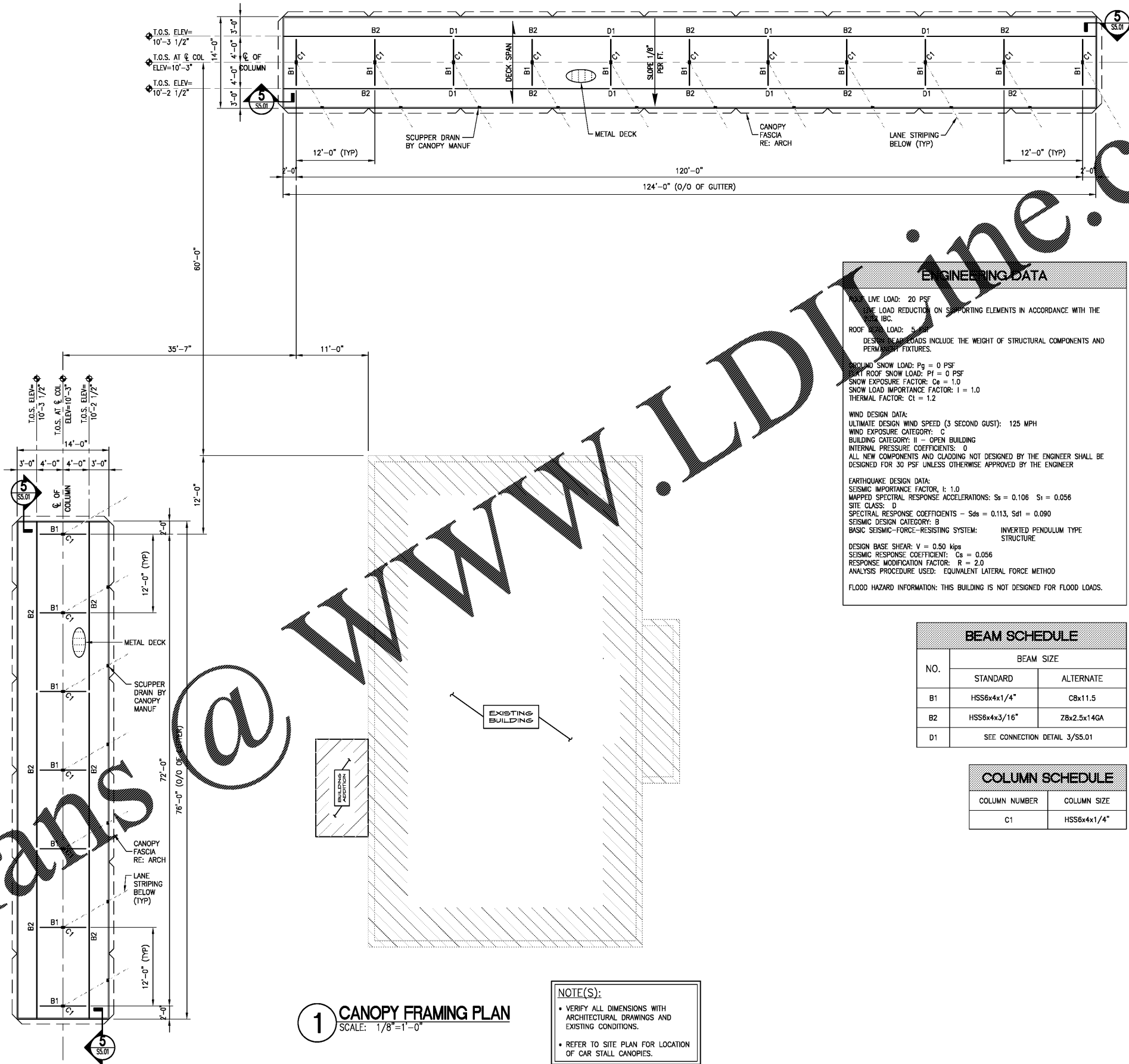
1. CONCRETE FOR DRILLED SHAFTS SHALL HAVE A 28 DAY DESIGN COMPRESSIVE STRENGTH OF 3,000 PSI, A MINIMUM OF 470 POUNDS OF PORTLAND CEMENT PER CUBIC YARD, MINIMUM 1% TOTAL AIR CONTENT (ENTRAPPED), MID OR HIGH RANGE WATER REDUCING AGENT AND A 6-7" INCH SLUMP.
2. THE BOTTOM OF THE SHAFT SHALL BE CLEAN AND FREE OF LOOSE SOIL PRIOR TO PLACING CONCRETE.
3. CONCRETE FOR DRILLED SHAFTS SHALL HAVE A 28 DAY DESIGN COMPRESSIVE STRENGTH OF 3,000 PSI, A MINIMUM OF 470 POUNDS OF PORTLAND CEMENT PER CUBIC YARD, MINIMUM 4-6% TOTAL AIR CONTENT (ENTRAINED), MID OR HIGH RANGE WATER REDUCING AGENT AND A 6-7" INCH SLUMP. AIR ENTRAINING AGENT OR FLYASH SHALL NOT BE USED WITHOUT THE APPROVAL OF THE ENGINEER PRIOR TO BIDDING.
4. NO SPLICING OF THE DRILLED SHAFT STEEL IS BE ALLOWED.

CONCRETE NOTES:

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE STANDARDS "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318-11) AND "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301-10).
2. REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO A.S.T.M. A-615 GRADE 60.
3. REINFORCING BAR, BAR SUPPORTS, AND SPACERS SHALL BE DETAILED AND PROVIDED IN ACCORDANCE WITH A.C.I. DETAILING MANUAL. CHAIRS SHALL NOT BE PLACED FURTHER THAN 4 FEET APART.
4. EPOXY ANCHORS, REBAR, OR THREADED RODS SHALL BE EITHER HILTI HIT HY-200 MAX ANCHORS OR SIMPSON EPOXY-TIE (ET) ANCHORS. INSTALL ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. THIS INCLUDES CLEANING THE HOLE WITH AIR.

STEEL NOTES:

1. STRUCTURAL STEEL FABRICATION AND ERECTION SHALL CONFORM TO THE A.I.S.C. MANUAL OF STEEL CONSTRUCTION.
2. WELDED CONNECTIONS SHALL CONFORM TO THE LATEST REVISED CODE OF THE AMERICAN WELDING SOCIETY.
3. ANY CONNECTIONS WITHOUT WELD SYMBOLS SHALL BE AT A MINIMUM WELDED ALL AROUND WITH THE MINIMUM FILLET OR BUTT WELD SIZE.
4. STRUCTURAL STEEL ANGLES, PLATES, ETC. SHALL CONFORM TO A.S.T.M. A36 REQUIREMENTS (36 KSI). STRUCTURAL TUBING AND PIPES SHALL CONFORM TO A.S.T.M. A500 GRADE B REQUIREMENTS (46 KSI). STRUCTURAL CHANNELS SHALL CONFORM TO THE A.S.T.M. A992 REQUIREMENTS (50 KSI).
5. DO NOT PLACE HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
6. ALL BOLTED CONNECTIONS ARE TO BE A325 TYPE N BOLTS IN STANDARD HOLES UNLESS NOTED OTHERWISE AND SHALL BE MADE USING THE TURN OF THE NUT METHOD.



ENGINEERING DATA

LIVE LOAD: 20 PSF
 DEAD LOAD REDUCTION ON SUPPORTING ELEMENTS IN ACCORDANCE WITH THE IBC.
 ROOF LIVE LOAD: 5 PSF
 DESIGN LOADS INCLUDE THE WEIGHT OF STRUCTURAL COMPONENTS AND PERMANENT FIXTURES.
 GROUND SNOW LOAD: Pg = 0 PSF
 FLAT ROOF SNOW LOAD: Pf = 0 PSF
 SNOW EXPOSURE FACTOR: Ce = 1.0
 SNOW LOAD IMPORTANCE FACTOR: I = 1.0
 THERMAL FACTOR: Ct = 1.2

WIND DESIGN DATA:
 ULTIMATE DESIGN WIND SPEED (3 SECOND GUST): 125 MPH
 WIND EXPOSURE CATEGORY: C
 BUILDING CATEGORY: II - OPEN BUILDING
 INTERNAL PRESSURE COEFFICIENTS: 0
 ALL NEW COMPONENTS AND CLADDING NOT DESIGNED BY THE ENGINEER SHALL BE DESIGNED FOR 30 PSF UNLESS OTHERWISE APPROVED BY THE ENGINEER

EARTHQUAKE DESIGN DATA:
 SEISMIC IMPORTANCE FACTOR: I = 1.0
 MAPPED SPECTRAL RESPONSE ACCELERATIONS: Ss = 0.106 S1 = 0.056
 SITE CLASS: D
 SPECTRAL RESPONSE COEFFICIENTS - Sds = 0.113, Sd1 = 0.090
 SEISMIC DESIGN CATEGORY: B
 BASIC SEISMIC-FORCE-RESISTING SYSTEM: INVERTED PENDULUM TYPE STRUCTURE

DESIGN BASE SHEAR: V = 0.50 kips
 SEISMIC RESPONSE COEFFICIENT: Cs = 0.056
 RESPONSE MODIFICATION FACTOR: R = 2.0
 ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE METHOD

FLOOD HAZARD INFORMATION: THIS BUILDING IS NOT DESIGNED FOR FLOOD LOADS.

BEAM SCHEDULE

NO.	BEAM SIZE	
	STANDARD	ALTERNATE
B1	HSS6x4x1/4"	C8x11.5
B2	HSS6x4x3/16"	78x2.5x14GA
D1	SEE CONNECTION DETAIL 3/SS.01	

COLUMN SCHEDULE

COLUMN NUMBER	COLUMN SIZE
C1	HSS6x4x1/4"

1 CANOPY FRAMING PLAN
 SCALE: 1/8"=1'-0"

NOTE(S):

- VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS.
- REFER TO SITE PLAN FOR LOCATION OF CAR STALL CANOPIES.

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 BATON ROUGE, LA 70809

PROJ. NO.: 1722
 DATE: 10/16/17

SHEET TITLE:

CANOPY FRAMING PLAN

SHEET NO.:

54.01