



copyright:

The following documents are the sole property of davidson architecture & engineering, llc for the specific purpose of construction of said building. These documents are considered confidential and subject to davidson architecture & engineering llc's copyright protection. Neither receipt nor possession transfers any rights to reproduce these documents or any part thereof. Any re-use of these documents without the express written permission of davidson architecture & engineering, llc is strictly prohibited and shall confer no liability to davidson architecture & engineering, llc.

disclaimer:

These documents are accurate to the best of davidson architecture & engineering, llc's professional knowledge. In the event a discrepancy in the documents is encountered, it is the responsibility of that party to notify davidson architecture & engineering in a timely manner, for corrections and/or explanation of the documents.

project description:

A new office / warehouse building for LBP in Lee's Summit, Missouri

submittal dates:

FDP submittal: 03.08.2017
 FDP approval:
 permit submittal: 03.20.2017
 permit approval:

code review:

Governing Municipality: Lee's Summit, Missouri
 Governing Codes: 2012 IBC, 2012 IEBC, 2012 IFC, 2012 IPC, 2012 IEC, 2012 IMC, 2012 IFGC, 2011 NEC, ADA/ANSI A117.1
 Zoning: CS
 Site Area: Phase II: 143,835 sq. ft./approx. 3.30 acres
 Total: 334,770 sq. ft./approx. 7.68 acres
 Construction: II-B
 Stories: one
 Building Height: 41'-4"
 Fire Suppression: yes (NFPA13)
 Occupancy Group: B (business)
 S-1 (warehouse)
 Tabular Area (S-1): 17,500
 Sprinkler Increase (300%): 52,500
 Frontage Increase (75%): 13,125
 Allowable Area: 83,125
 Total Actual Building Area: 41,215 sq. ft.
 Floor Area Ratio: 41,215/143,835 = .28
 41,215/334,770 = .12
 Occupant Load: TBD
 Restroom Calcs: TBD
 Parking Required: office: 27614 sq. ft./250 = 110
 warehouse: 13601 sq. ft./1000 = 13
 Total Required Spaces: 124 spaces
 Total Parking Provided: 124 spaces
 Fire Extinguishers: Provide for 75' maximum travel distance to extinguisher throughout building.

sheet index:

- A0.0 cover sheet
- CIVIL**
- C1.1 site plan
- C2.1 grading and erosion control plan
- C2.2 spot elevation plan
- C2.3 spot elevation detail
- C2.4 ADA details
- C3.1 storm calculations
- C4.1 details
- C4.2 details
- C4.3 details
- C4.4 details
- LANDSCAPE**
- L1.1 landscape plan
- ARCHITECTURE**
- A1.1 site plan
- A2.1 floor plan
- A2.2 roof plan
- A3.1 elevations
- A4.1 building sections
- A4.2 wall sections
- A4.3 wall sections
- A4.4 wall sections
- A4.5 details
- A4.6 roof details
- A4.7 canopy enlarged plans
- A4.8 canopy details
- A5.1 door schedules, window elevations & details
- A6.1 stair plans / details & site details
- A6.2 trash enclosure plans / details

sheet index:

- STRUCTURAL**
- F0.1 general construction notes
- F1.1 foundation plan
- F1.2 canopy location plan
- F1.3 canopy framing plans
- F2.1 foundation details
- F2.2 foundation details
- F2.3 canopy details
- MECHANICAL / PLUMBING**
- MP0 mech/plumb specifications
- MP1 mech/plumb floor plan
- MP2 mech/plumb details and schedules
- ELECTRICAL**
- E0 electrical specifications
- E1 electrical plan
- E2 electrical schedules and riser
- E3 electrical site plan



owner:

LBP V, LLC
 3170 NE Carnegie Drive, suite 400
 Lee's Summit, MO 64064
 p: 816.795.8100 f: 816.875.0051

architect:

Justin Bridges, AIA, LEED AP
 davidson architecture & engineering
 4301 Indian Creek Parkway
 Overland Park, Kansas 66207
 p: 913.451.9390 f: 913.451.9391

civil engineer:

Paul A. Miller, PE
 davidson architecture & engineering
 4301 Indian Creek Parkway
 Overland Park, Kansas 66207
 p: 913.451.9390 f: 913.451.9391

structural engineer:

Earl Rollison, PE
 A.T. Renczarski & Co., Inc.
 1500 D NW Vivion Rd.
 Kansas City, Missouri 64118
 p: 816.587.0101 f: 816.587.5691

m / e / p engineer

Bob Curry, PE
 BC Engineers, Inc.
 5720 Reeder Street
 Shawnee, Kansas 66203
 p: 913.262.1772 f: 913.262.1773

general contractor

Capital Construction Services
 2642 NE Hagan Road
 Lee's Summit, Missouri 64064
 p: 816.875.0018 f: 816.875.1205

a new office / warehouse building

LBP V - A

NE Maguire Blvd. & NE Independence Avenue
 Lee's Summit, Missouri