

ORGANIZATION / PERSONNEL

- A. Who is the primary agent responsible for production? Submit in writing: name, title (owner, chief draftsman, etc.) and resume of experience.

James B. Long, Sr. Owner

NISD Individual Detailer Certification #385 - Senior Detailer Class 1

Age: 43

Position and Experience: Steel detailing experience of 27 years. Owner of J. B. Long since 1985. Experienced in light structural steel, mill buildings, stairs and miscellaneous iron. Strong points are misc. iron and job coordination. Responsible for all work coming into company.

Education: High school with vocational technical school. Started on the job training early 1980 at 16 years old.

Work Experience:

1980-1983 Reading Metal Craft Co., Inc. – printing, detailing, estimating

1983-1985 Kreitz Welding & Fabrication, Inc. – in charge of all detailing for this small fabricator, structural and miscellaneous.

- B. Is the drafting formally organized? (Submit in writing)
- 1) What procedures do you follow to process a contract from start to completion? (Flow chart, etc.)
 - 2) Areas of responsibility and/or job descriptions.
 - 3) Brief resume of experience of all other detailers.

#1 & #2 - SEE FOLLOWING "DRAFTING ORGANIZATION"

#3 – SEE ATTACHED COPY OF RESUMES FOR EACH DETAILER

DRAFTING ORGANIZATION

- 1) The owner, James Long, or a qualified detailer assigned by him, bids all new work. Input from other draftsman is often asked for.
- 2) James Long, or a qualified detailer assigned by him, discusses dollars and schedule with the client.
- 3) Once we receive the go-ahead on a new project, a job number is posted on the job list. A folder is prepared for correspondence. All documents (bid, specs., addendums, and etc.) are punched and secured in the job folder. A drawer is assigned and labeled with the job number and name.
 - a) Abacus PM: Used to acquire the new job number, log design drawings, specs and addendums, log and transmit shop drawings, log RFI's, Records of Communication, Notification of Changes, Billing Directives.
- 4) During our regular production meetings with the project managers the particulars of the project are discussed.
- 5) All plans are checked prior to commencement of detailing. The Project Manager or a qualified detailer assigned by him fields questions. He also writes and logs necessary RFI's.
- 6) Each Project Manager has a team of detailers and checkers. Detailers are assigned based on availability.
- 7) James Long monitors progress via regular production meetings.
- 8) The Project Manager or a responsible agent under his direction reviews design changes. Cost impact is determined and client is notified via the standard forms. All old design documents are clearly marked as such. Revisions are logged accordingly.
- 9) After detailing plots are transmitted according to the client's requirements, and may be stamped "For Approval Only" and dated per client direction.
- 10) Checking is then started and completed. All check prints are stamped "Check Print" and dated. After checking, all sheets are back-checked by the detailers before scrubbing. The checker rings off all scrubbing.
- 11) Approvals are reviewed for any cost and scheduling impact. Approval changes are made and back-checked. Prints are transmitted according to the client's requirements, stamped "Released for Shop Use" and dated.
- 12) Extra work is tracked on the appropriate forms for the benefit of J. B. Long and our customer.

■
(May 2007)

■ Hire date 12/05/85–21 years with J.B. Long

NISD Individual Detailer Certification #383 - Senior Detailer Class 1

▲39

■ 21 years experience. Checker, Structural & Miscellaneous Detailer Started with J.B. Long in Dec. 1985 at age 17. No prior drafting experience. Trained by J.B. Long. Strong points are excellent mechanical mind, good math, and scrupulous attention to detail.

■ High School

■ Worked with parents in upholstery shop.

J. B. Long

■ Hire date 6/15/88 – 19 years with J. B. Long

NISD Individual Detailer Certification #388 - Senior Detailer Class 1

▲34

■ 19 years experience. Tekla X-Steel Manager, Miscellaneous iron detailer, light structural, occasional checking. Started with J. B. Long in June 1988 at age 16. Trained by J. B. Long. Strong points are ability to visualize and interpret architectural details, and a take-charge personality with a willingness to make decisions.

■ High school with vocational technical school (drafting)

■ W. B. Long

■ Hire date 1/23/91 –16 years with J. B. Long

NISD Individual Detailer Certification #396 - Senior Detailer Class 1

▲35

■ 16 years experience. Estimator & Lead Detailer. Trained by J. B. Long. Strong points are a cooperative spirit and a willingness to do with zeal anything requested.

■ High school

■ Worked as a carpenter's helper and cleaning maintenance at a cookie factory prior to J. B. Long.

■ Hire date 11/02/92 – 14 years with J. B. Long

NISD Individual Detailer Certification #390 - Senior Detailer Class 1

▲41

■ 22 years experience. Structural Project Manager. Structural & Tekla X-Steel Detailer and Checker. Started with J. B. Long Nov. 1992. Strong points are excellent math skills, willingness to take responsibility and go beyond what is asked. Experience with a broad range of structural steel, industrial misc. iron, conveyors, bins, hoppers and CADD.

■ High school and 2-year Associates degree in Architecture.

■ 1985 - 1986 Azar Iron Works, Inc.

1986 – Concrete Deck Systems – detailed precast concrete stairs, beams, columns, joist layouts and deck layouts.

1986-1991 Reimer & Fischer Engineering – detailing dept

1991 Ludwig Engineering Co. – CADD operator, struc. & arch. Design, steel details, building surveys for rehab.

■ Hire date 1/14/93 – 14 years with J. B. Long

NISD Individual Detailer Certification #380 - Senior Detailer Class 1

▲50

■24 years experience. Misc.Steel Detailer Manager and Checker. Strong points are excellent math skills, hip & valley ability, computer literate, and fast, productive and accurate detailing. Experience with heavy structural steel, moment connections, trusses, and plate girders.

■High school

■Worked as a drywall hanger and finisher before 1983.

1983-1990 Harry I. Frick, Inc. – detailing job shop

1991-1992 Part owner of Straight Edge Detailing, Inc.

■Hire date 8/02/96 – 10 years with J. B. Long

NISD Individual Detailer Certification #546 - Detailer Class I

▲31

■10 years experience. Detailer/Checker. No prior drafting experience. Trained by J. B. Long.

■High school

■Fleetwood National Bank

■Hire date 6/16/97 – 10 years with J. B. Long

NISD Individual Detailer Certification #391 - Senior Detailer Class 1

▲38

■20 years experience. Detailer/Checker

■High school and vo-tech

■1987-88 – Weis Markets – meat dept

1988-92 – Harry Frick, Inc. – detailer

1992-94 – Tri-Penn Detailers, Inc. – detailer

1995-97 – Charles Poultry Co, Inc. – in charge of accts receivable

■Hire date 5/08/00 - 6 years with J. B. Long, Inc.

NISD Individual Detailer Certification #600 - Detailer Class 2

▲33

■6 years experience. Detailer/Checker - Trained by J. B. Long

■High School

■1993-1996 Meridian Bank

1996-2000 Commonwealth Bank

■Hire date 6/18/01 – 5 years with J. B. Long, Inc.

NISD Individual Detailer Certification #674 – Detailer Class II

▲23

■5 years experience. Misc. & Structural Detailer

■High School – Drafting Courses

■J.B. Long, Inc.

■Hire date 9/17/01 – 5 years with J. B. Long, Inc.

NISD Individual Detailer Certification #602 - Detailer Class 2

A29
 Assistant Project Manager - 9 years experience. Tekla-X-steel detailing with plan work & checking experience.

High School – Engineering & Drawing
 Lincoln Tech – Associate Degree, Architectural Design & Drafting Technology
 1998-2001 Tri-Penn Steel Detailers – Detailer/Checker
 1995-1999 Bell Atlantic Fleet Operations – Auto Mechanic

Hire date 10/29/01 – 4 yrs. with J. B. Long, Inc.
 NISD Individual Detailer Certification #601 - Detailer Class 2

A3
 Tekla-X-steel detailer & Junior Structural Engineer since 1996
 B.S. degree in Building & Construction Engineering 6/27/95
 X-steel advanced training version 6.0 Certificate
 Extensive experience with the specialized structural steel detailing Program X-steel -Tekla.

Hire date 8/11/03 – 3 yrs. with J. B. Long
 NISD Individual Detailer Certification #603 - Detailer Class 2

A6
 9 years experience. Mostly Plan work with some detailing.
 High school
 7/98 – 3/02 – J. R. Drafting, Inc. – detailer
 3/02 – 8/03 – Hiddemen Renninger – detailer/owner

Hire Date 8/11/03 – 3 yrs. with J. B. Long
 NISD Individual Detailer Certification #630 - Detailer Class 2

A27
 7 years experience. Mostly plan work with some detailing – Tekla
 X-Steel training 3/2007
 High school and vo-tech
 7/99 – 3/02 – J. R. Drafting, Inc. – detailer
 03/02 – 08/03 – Hiddemen Renninger – detailer/owner

Hire Date 3/01/04 – 3 yrs. with J. B. Long

A1
 3 years experience-Detailer-Scrubber - Checker
 High School
 Trained by J. B. Long

Hire Date 4/26/04 – 3 yrs. with J. B. Long

A3
 Detailer-Scrubber - Misc. Steel – Trained by J. B. Long
 High School
 Trained by J. B. Long.

Hire Date 6/01/04 – 2 yrs. with J. B. Long

NISD Individual Detailer Certification # 629 - Senior Detailer Class 1

▲ 55

■ 36 years experience in detailing – Specialty is Miscellaneous Steel including stairs, rails & ladders.

■ High School & 3 yrs. College

■ 1971 – 1972 – Charlotte Detailing Service, Charlotte, NC – Draftsman

1972 – 1977 – J. A. Free Jr. & Co., Murrells Inlet, SC – Draftsman

5/77 – 6/77 – Commercial Fabricators, Murrells Inlet, SC – Draftsman

6/77 – 1982 – James Graham Steel, Myrtle Beach, SC – Draftsman

1983 – 1987 – Culler Land Surveying, Surfside Beach, SC – Draftsman

9/87– 1989 – New England Steel Fabricating, Milford, NH – Draftsman

3/89 – 12/89 – Merrimack Sheet Metal, Concord, NH – Draftsman

1/2000– 9/2000 – Tru-Line Drafting Services, Surrey, BC, Canada – Detailer

1/2001- 5/2004 – Pacific Coast Detailing – Checker

■ Hire date 12/01/97 & 8/09/04 – 7 years with J. B. Long

NISD Individual Detailer Certification #675 – Detailer Class II

▲ 39

■ Detailer. Strong organizational skills.

■ High School

■ June 1985 – June 1991 – secretary at John Hill Machine Co, Inc.

1995 to Dec. 1997 – self employed house cleaner

Dec. 1997 to Nov. 2002 – J. B. Long

Aug. 2004 to present – J. B. Long

■ Hire Date 06/12/06 –

▲ 18

■ Detailer

■ High School

■ Drafting at vo-tech – being trained by J. B. Long, Inc.

■ Hire Date 10/02/06 –

▲ 18

■ Detailer

■ High School

■ Drafting at vo-tech – being trained by J. B. Long, Inc.

■ Hire Date 06/12/06 –

▲ 17

■ Detailer

■ High School

■ Drafting at vo-tech – being trained by J. B. Long, Inc.