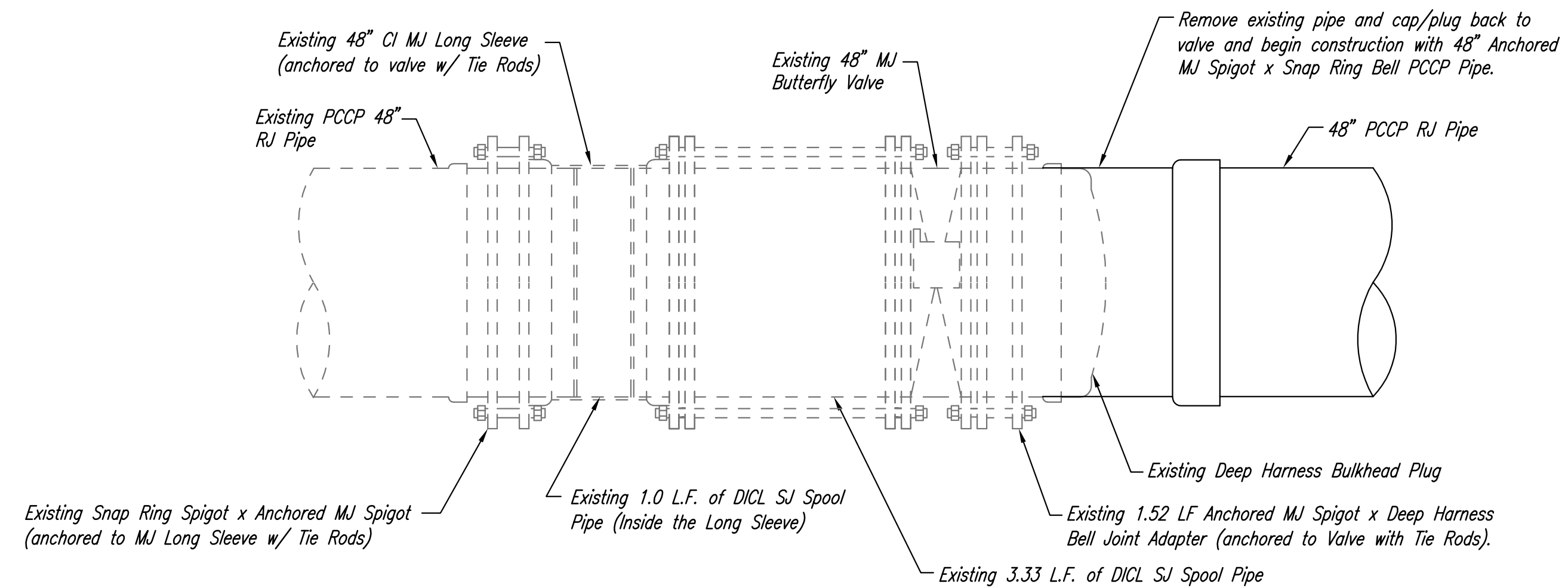


**48" CONNECTION DETAIL (WL NO. 1, STATION 10+00.00) \*\***

DI CL OPTION

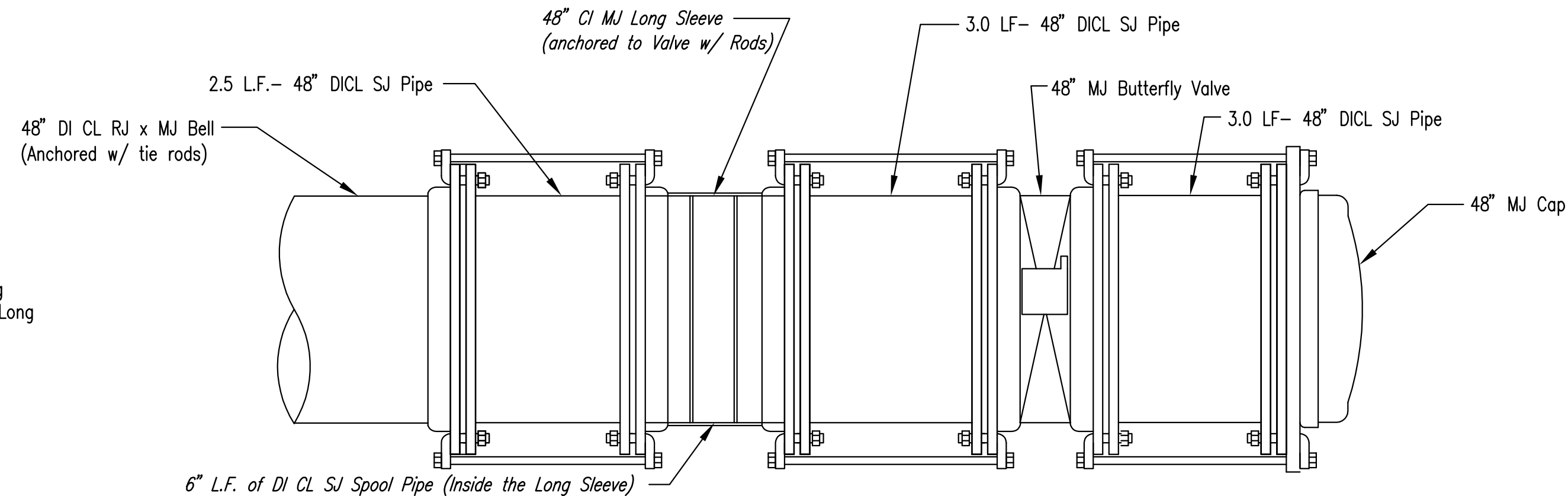
\*\* THE CONTRACTOR SHALL UTILIZE RESTRAINED JOINT PIPE AND/OR TIE RODS TO RESTRAIN ALL PIPING AT THE VALVE LOCATIONS.



**48" CONNECTION DETAIL (WL NO. 1, STATION 10+00.00) \*\***

PCCP OPTION

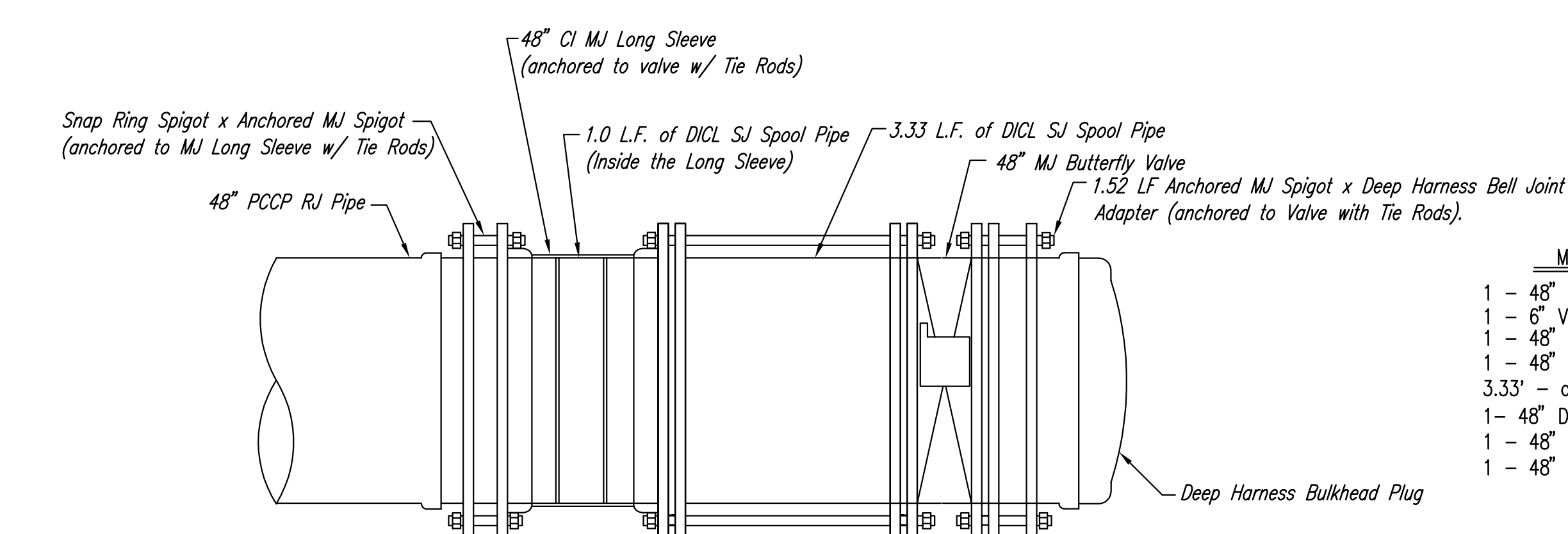
\*\* THE CONTRACTOR SHALL UTILIZE RESTRAINED JOINT PIPE AND/OR TIE RODS TO RESTRAIN ALL PIPING AT THE VALVE LOCATIONS.



**48" END OF LINE DETAIL (WL 1, Sta. 70+50.00) \*\***

DI CL OPTION

\*\* THE CONTRACTOR SHALL UTILIZE RESTRAINED JOINT PIPE AND TIE RODS TO RESTRAIN ALL PIPING AT THE VALVE LOCATIONS.



**48" LINE VALVE DETAIL (WL 1, Sta. 70+50.00) \*\***

PCCP OPTION

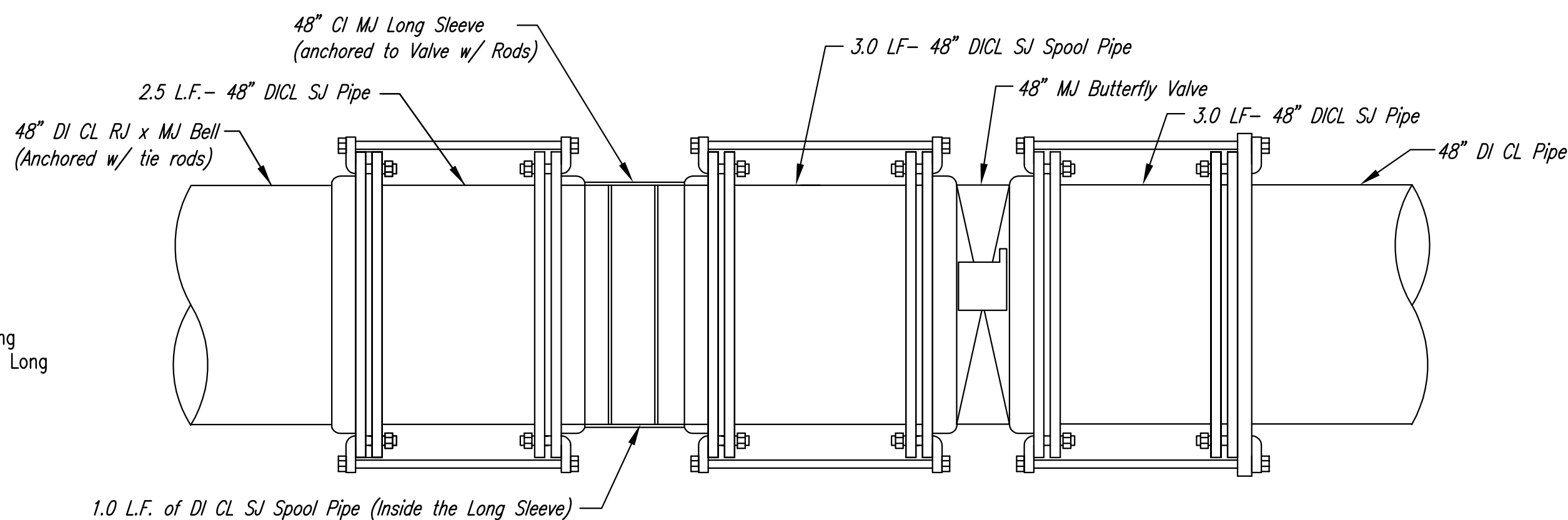
\*\* THE CONTRACTOR SHALL UTILIZE RESTRAINED JOINT PIPE AND/OR TIE RODS TO RESTRAIN ALL PIPING AT THE VALVE LOCATIONS.

**MATERIALS LIST**

- 1 - 48" MJ Butterfly Valve
- 1 - 6" Valve Box
- 1 - 48" CI MJ Sleeve - Long
- 1 - 48" DI CL Spacer - 12" Long
- 3.33' - of DI CL SJ Pipe
- 1 - 48" DI CL MJ Spigot x PCCP Bell Adapter
- 1 - 48" PCCP Spigot x DI CL MJ Spigot Adapter
- 1 - 48" Cap or Plug

**MATERIALS LIST**

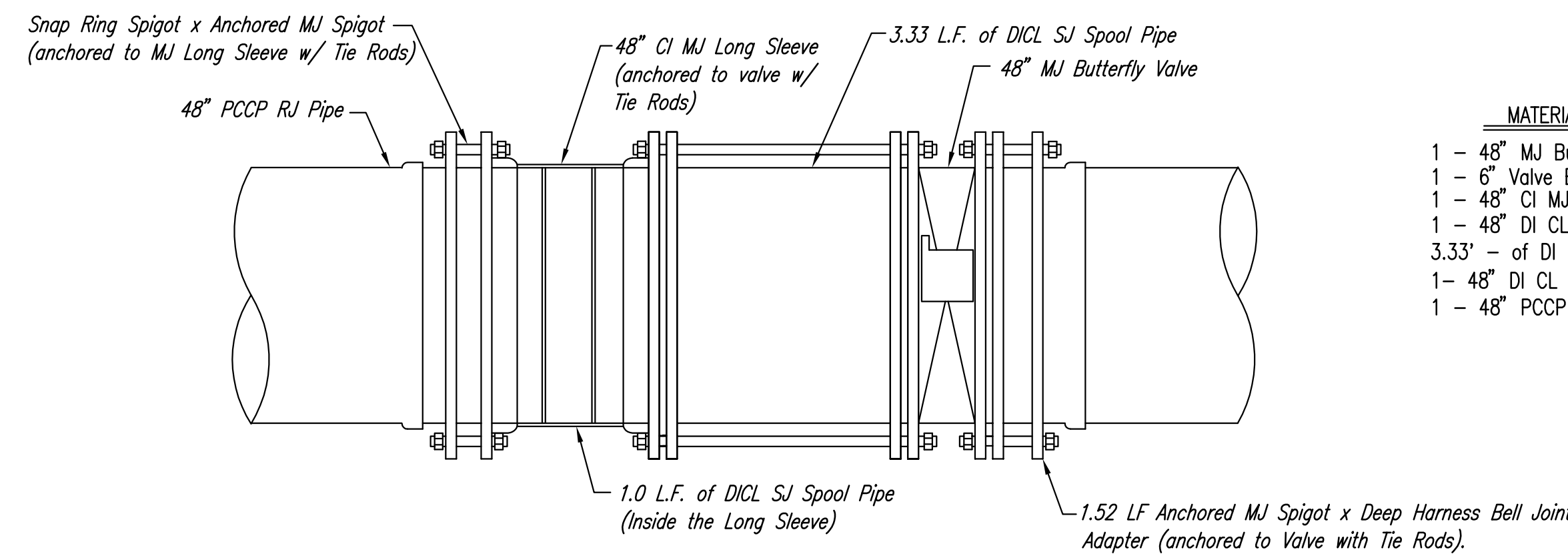
- 1 - 48" MJ Butterfly Valve
- 1 - 6" Valve Box
- 1 - 48" CI MJ Sleeve - Long
- 1 - 48" DI CL Spacer - 6" Long
- 8.5' - of DI CL SJ Pipe
- 1 - 48" MJ Cap



**48" LINE VALVE DETAIL (WL 1, Sta. 34+25.00)\*\***

DI CL OPTION

\*\* THE CONTRACTOR SHALL UTILIZE RESTRAINED JOINT PIPE AND TIE RODS TO RESTRAIN ALL PIPING AT THE VALVE LOCATIONS.



**48" LINE VALVE DETAIL (WL 1, Sta. 34+25.00) \*\***

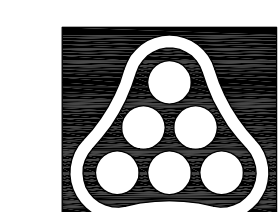
PCCP OPTION

\*\* THE CONTRACTOR SHALL UTILIZE RESTRAINED JOINT PIPE AND/OR TIE RODS TO RESTRAIN ALL PIPING AT THE VALVE LOCATIONS.

**MATERIALS LIST**

- 1 - 48" MJ Butterfly Valve
- 1 - 6" Valve Box
- 1 - 48" CI MJ Sleeve - Long
- 1 - 48" DI CL Spacer - 12" Long
- 3.33' - of DI CL SJ Pipe
- 1 - 48" DI CL MJ Spigot x PCCP Bell Adapter
- 1 - 48" PCCP Spigot x DI CL MJ Spigot Adapter

Saved: 01-29-2009 3:26:40 PM by: JAN  
 Plot Scale: 1:1 02-03-2009 2:06:26 PM  
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No.	Revision	By	Date
SOUTHEAST 48" WATERLINE - PHASE 2A LEWIS/IDA TO LEWIS/GREEN <b>WATERLINE DETAILS</b> JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 448-90417 <b>Professional Engineering Consultants, P.A.</b> 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	MDK, EJB	Job No.	35-07704-000
Drawn by	CSL, JAN	Date	March 2008