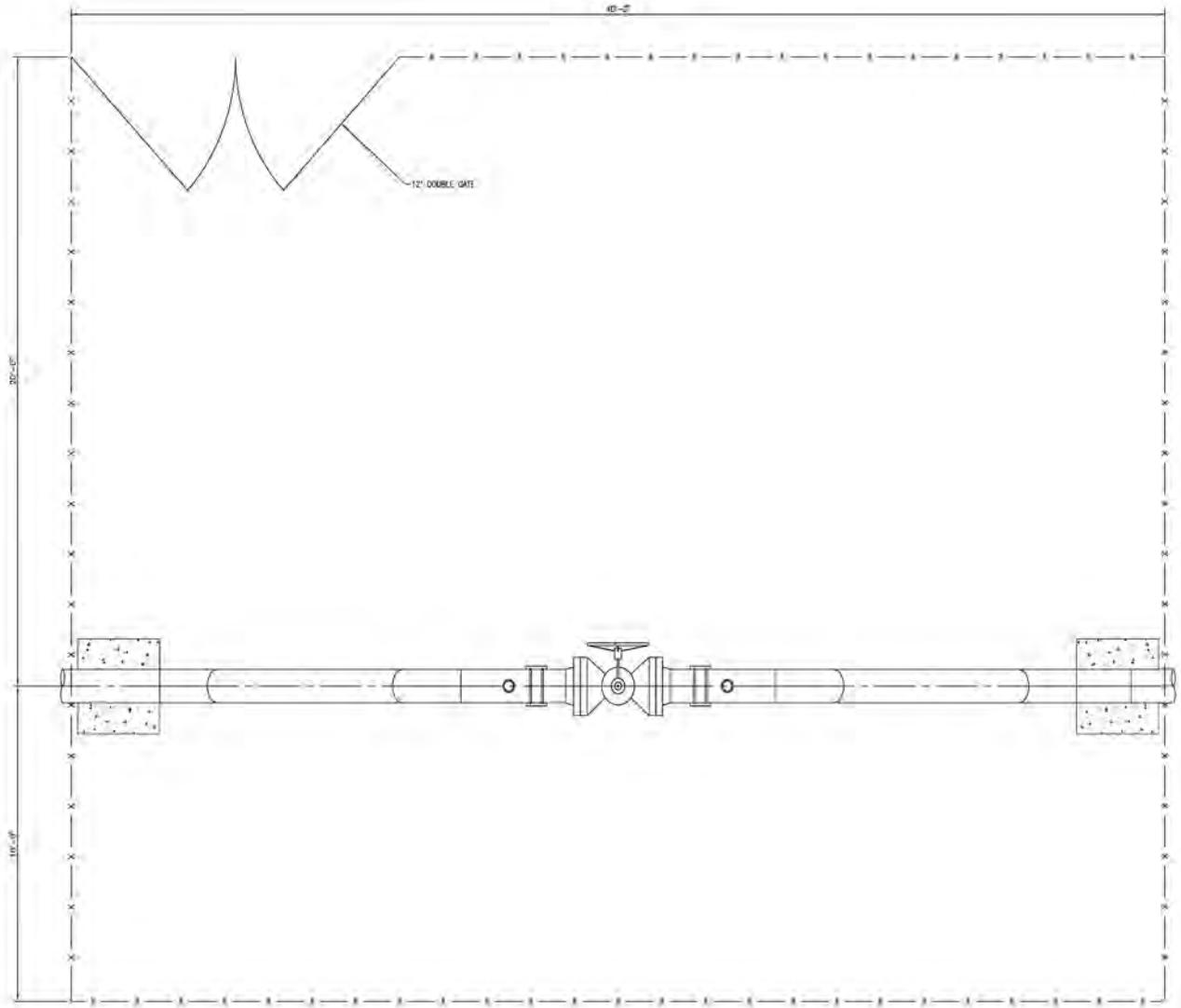

PLAN
SCALE: 1/2" =1'-0"

REFERENCE DRAWINGS

NO.	DATE	DESCRIPTION	DRAWN	CHK'D.	APPRV'D.
A	03/06/12	PRELIMINARY, ISSUED FOR BID	SRS	MRI	MRI

REVISIONS

PROJECT CONSULTING SERVICES, INC
3300 WEST ESPLANADE AVE. SOUTH, SUITE 500
METAIRIE, LA 70002
(504)835-5221 FAX (504)837-4640
www.projectconsulting.com

BAKKENLINK PIPELINE
TYPICAL MAINLINE VALVE
SITE PLAN

DRAWN BY:	ACJ	APPROVED BY:	MRI
SCALE:	1/2" = 1'	PROJ. ENGR.:	MRI
DATE:	03/06/12	PROJ. MGR.:	JO
CHECKED BY:	MRI	SHEET:	1 OF 1

DWG. NO. BL-CI-MAINLINE VALVE REV. A

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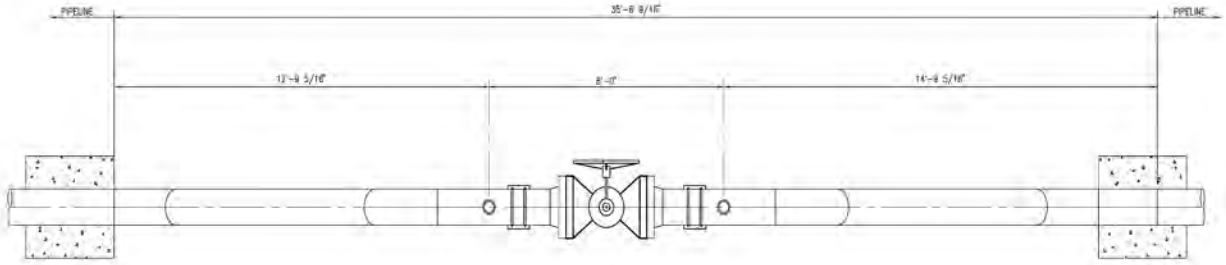
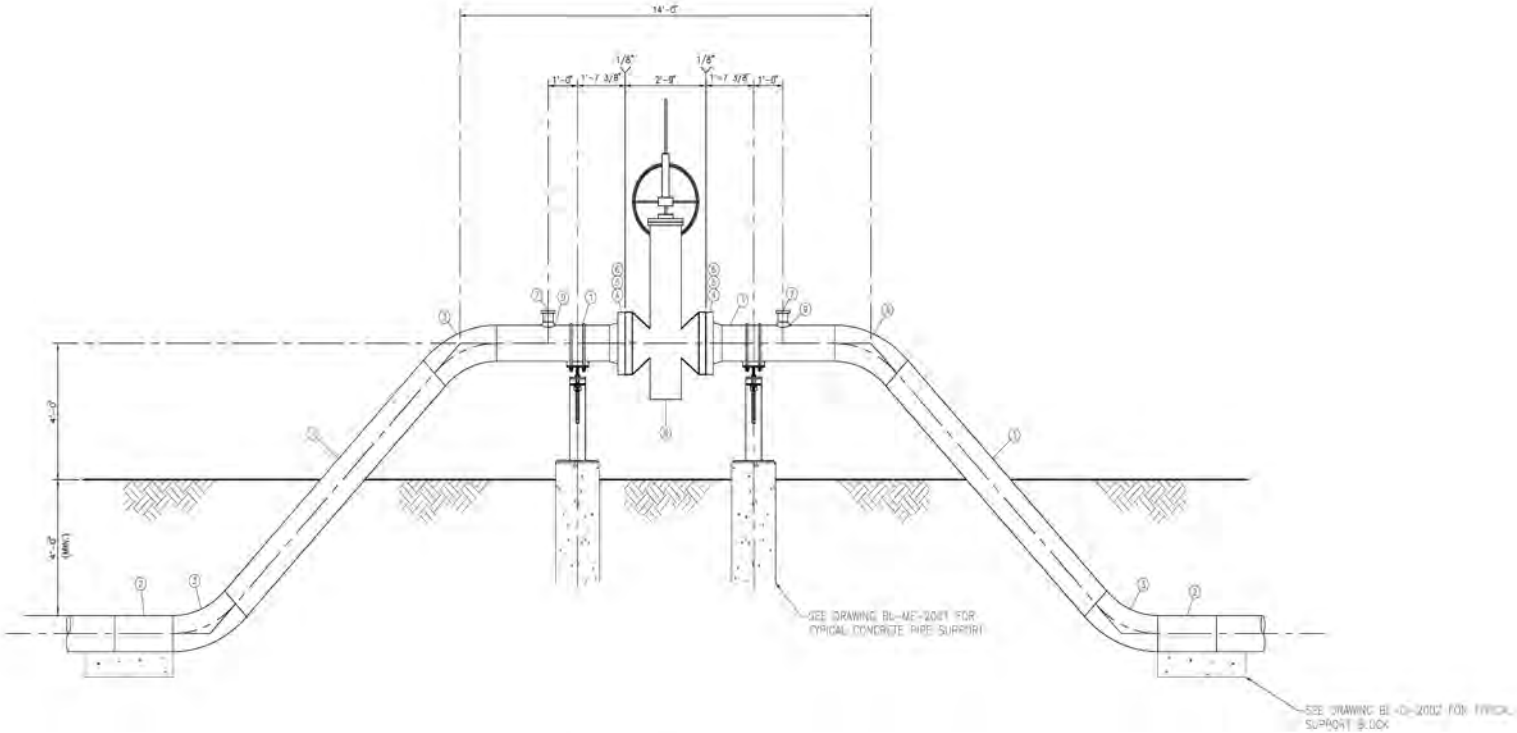


PLAN

SCALE: 1/2" =1'-0"

BILL OF MATERIAL		
ITEM	QTY	DESCRIPTION
1	12 LF	PIPE, 12.750" O.D. X 0.500" W.T., API 5L GR. B, PSL-2
2	3	TRANSITION PIECE, 12.750" X 0.375 W.T. X 2'-0" LG. API 5L GRADE X60 END PREPARATION PER ASME B31.4 FOR WELDING BETWEEN DISSIMILAR AND 0.250" W.T. PIPE.
3	4	ELBOW WELD, 12.750" O.D. X 0.500" W.T., 45 DEGREE, 3R, ASME 16.9
4	2	FLANGE, 12", ANSI 600, RTNG. SERC TO MATCH 0.500" WLL PIPE ANSI 16.5 ASTM A105
5	40	STUD BOLT ASSEMBLY-1 1/4" DIA X 3 3/4" LG. ASTM A-193, GR B7 ALLOY STEEL STUD BOLT W/ 2 HEX NUTS EA. ASTM A194, GR 2 H CARBON STEEL. (TOUGRODARBON COATED (12" ANSI 600 FLANGE BOLTS - 20 BOLTS PER)
6	2	GASKET, SPIRAL WOUND TEFLON-12", ANSI 600 RF, FLEXITALLIC STYLE CG OR EQUAL, 304 SS WINDINGS WITH FLEXICARB FILLER CS RINGS & OUTER RINGS, 1/8" THICK, ASME B16.20
7	2	THREAD-O-RING, 2" TOW PART 2" -0002-0001-00
8	1	VALVE, GATE, 12" ANSI 600, FULL PORT, "R" X RT, PER API 6D, (GEAR OPERATED) THROUGH CONDUIT BOPEANG, STANDARD TRIM, ALL FITTINGS IN BODY, DRAIN & SEALANT PORTS TO BE PLUGGED.
9	2	PIPE SUPPORT, 12", EZ LIVE FIGURE F W/7-HOLE HEAD (1219-6 12" FS 3' X 31-5")



ELEVATION

SCALE: 1/2" =1'-0"

REFERENCE DRAWINGS

NO.	DATE	DESCRIPTION	DRAWN	CHKD.	APPRVD
A	1/23/12	PRELIMINARY, ISSUED FOR BID	SRS	MRI	MRI

REVISIONS

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BAKKENLINK PIPELINE
TYPICAL MAINLINE VALVE
PLAN AND ELEVATION

DRAWN BY:	SRS	APPROVED BY:	MRI
SCALE:	3/8"=1'-0"	PROJ. ENGR.:	MRI
DATE:	12/20/11	PROJ. MGR.:	JD
CHECKED BY:	MRI	SHEET:	1 OF 1

DWG. NO. BL-ME-MAINLINE VALVE REV. A