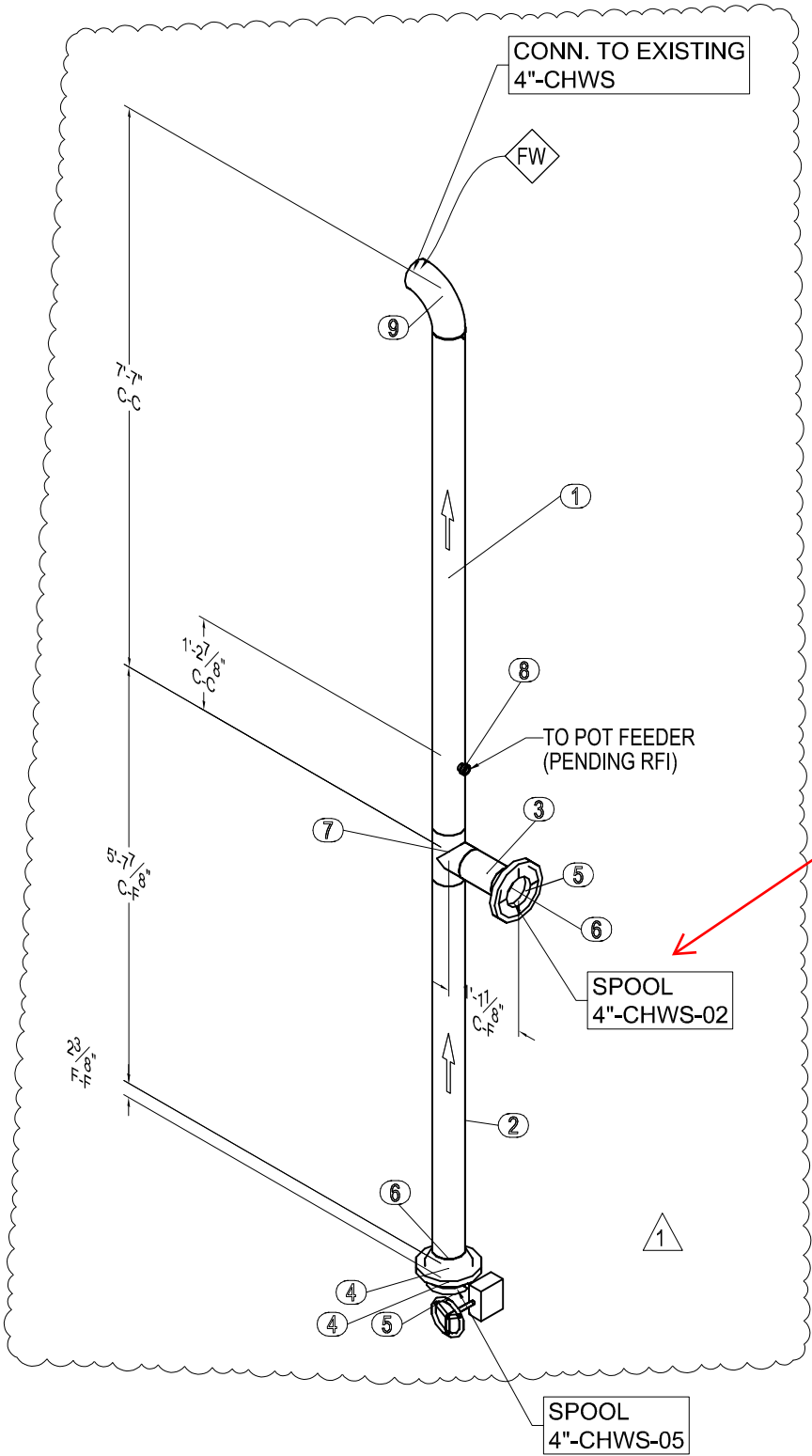
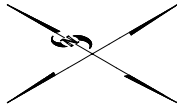


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MP Bill of Material

No.	Qty	Size	Length	Item	Service
1	1	4	6'-8 13/16"	Sch 40 A-53 Blk Pipe	CHWS
2	1	4	5'-0 11/16"	Sch 40 A-53 Blk Pipe	CHWS
3	1	4	5 15/16"	Sch 40 A-53 Blk Pipe	CHWS
4	2	4		150 # Full Face Gasket	CHWS
5	2	4		Milwaukee BFV ML33 2-12in	CHWS
6	2	4		150# Raised Face Weld Neck Flange	CHWS
7	1	4		Straight Tee	CHWS
8	1	3/4x4		Figure Full Anvilet (Thread O Let)	CHWS
9	1	4		Long Radius 90	CHWS

LINEAR FEET OF PIPE = 12'-3 1/2"

FIELD SUPERVISOR APPROVAL STAMP

SYMBOL LEGEND

SIZE
SYSTEM
LINE NUMBER
SPEC
SHEET NUMBER
X-XXX-XXX-XX-X



FLOW ARROW



INSTRUMENT TAG NO.



MAT'L LIST
& CUT LIST



WELD BOX (FIELD)



WELD BOX (SHOP)



SLOPE DIR.



Murray Company

MECHANICAL CONTRACTORS
CONTRACTORS LICENSE NO. 162382

CORPORATE
18414 SOUTH SANTA FE AVE.
RANCHO DOMINGUEZ, CA 90221

NCA BRANCH
2090 FARALLON DR.
SAN LEANDRO, CA 94577

NEWBURY PARK
3541 OLD CONEJO ROAD #119
NEWBURY PARK, CA 91320

SAN DIEGO
8520 PRODUCTION AVE.
SAN DIEGO, CA 92121

REF.PLAN: MP-411 SPOOL MAP

P&ID:

DRAWING NUMBER: 4-CHWS-01