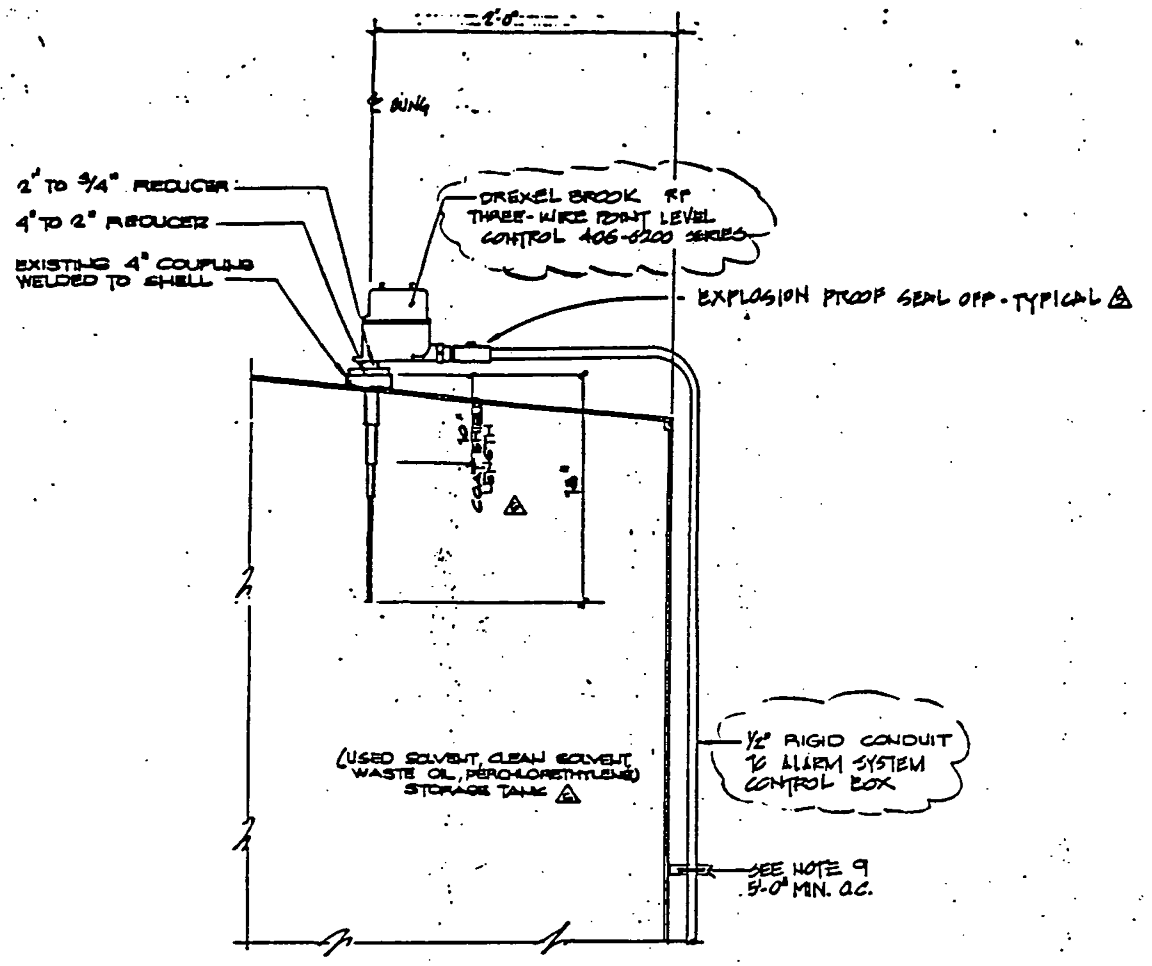
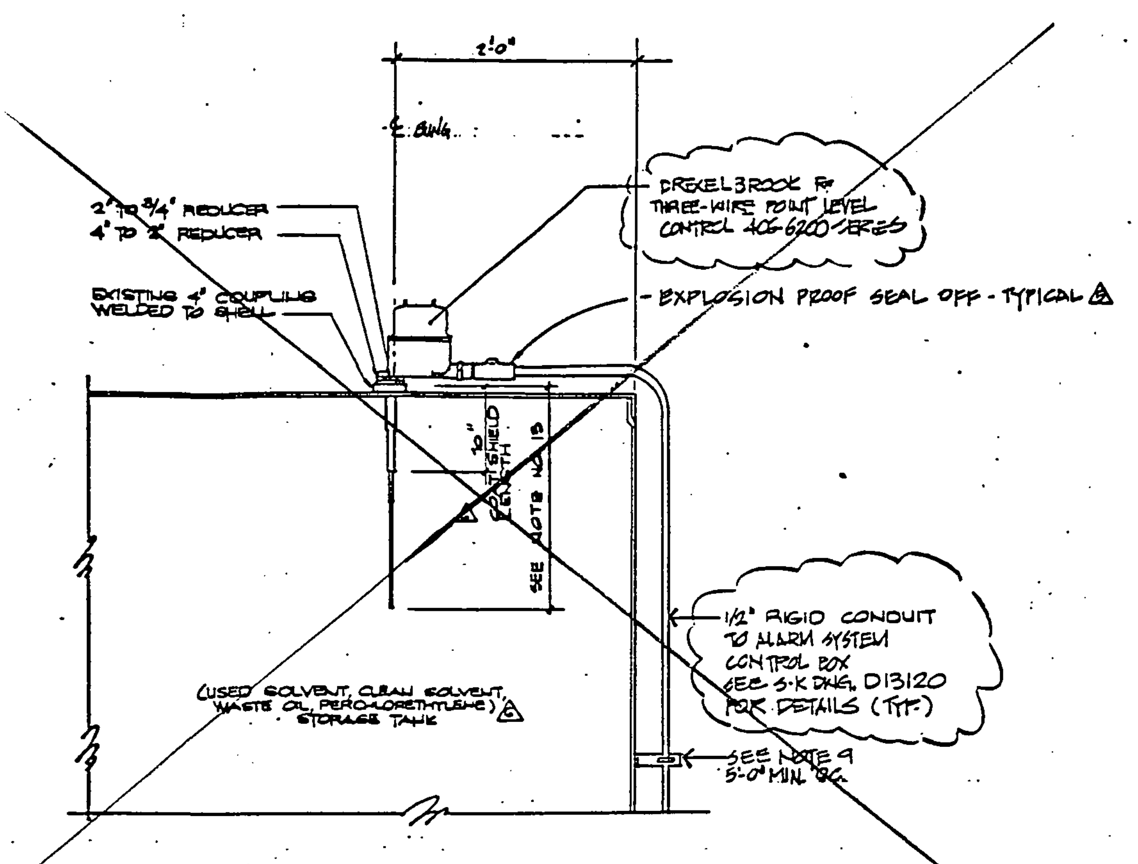
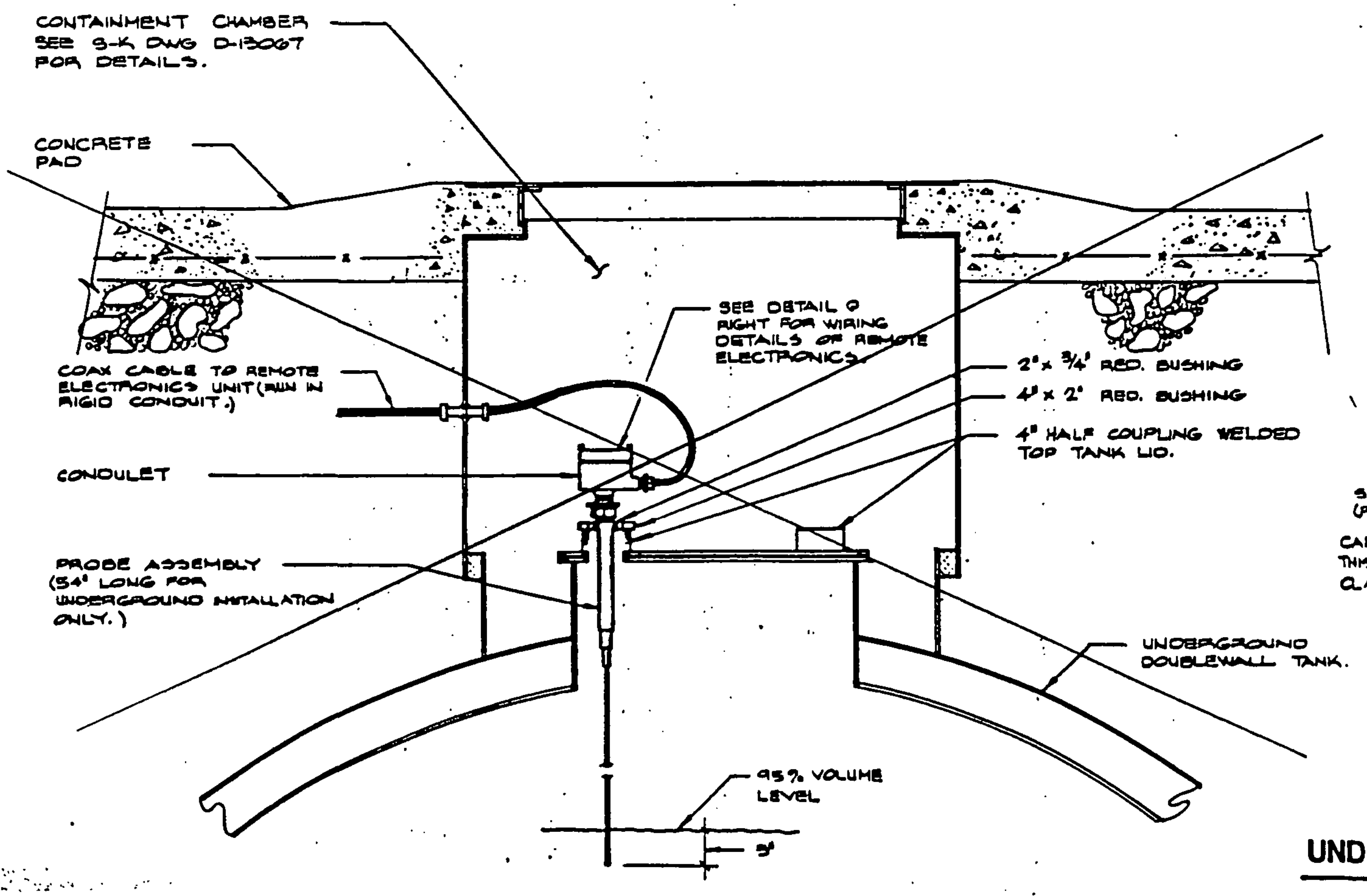
91-208-3
A-7

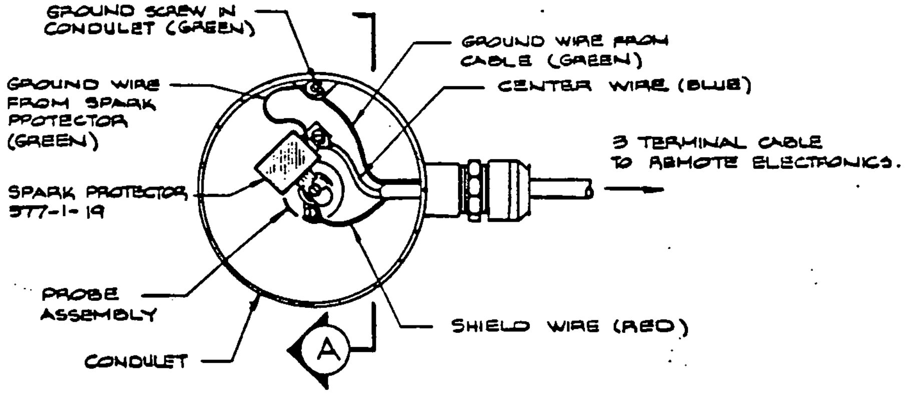

2'-0"
℄ BUNG
2" TO 3/4" REDUCER
4" TO 2" REDUCER
EXISTING 4" COUPLING WELDED TO SHELL
DREXEL BROOK RF THREE-WIRE POINT LEVEL CONTROL 406-6200 SERIES
EXPLOSION PROOF SEAL OFF - TYPICAL 5
10" COAT SHIELD LENGTH
18"
2
(USED SOLVENT, CLEAN SOLVENT, WASTE OIL, PERCHLORETHYLENE) STORAGE TANK 4
1/2" RIGID CONDUIT TO ALARM SYSTEM CONTROL BOX
SEE NOTE 9 5'-0" MIN. O.C.

ABOVEGROUND VERTICAL TANK INSTALLATION

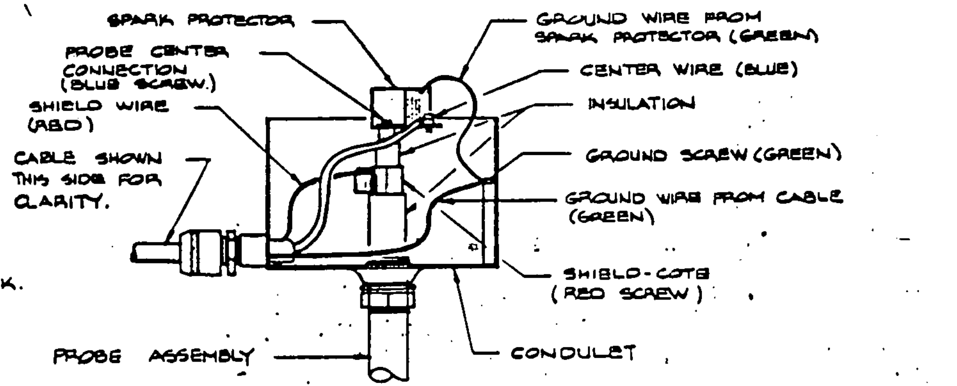

2'-0"
℄ BUNG
2" TO 3/4" REDUCER
4" TO 2" REDUCER
EXISTING 4" COUPLING WELDED TO SHELL
DREXELBROOK RF THREE-WIRE POINT LEVEL CONTROL 406-6200 SERIES
EXPLOSION PROOF SEAL OFF - TYPICAL 5
10" COAT SHIELD LENGTH
SEE NOTE 13
2
(USED SOLVENT, CLEAN SOLVENT, WASTE OIL, PERCHLORETHYLENE) STORAGE TANK 4
1/2" RIGID CONDUIT TO ALARM SYSTEM CONTROL BOX SEE S-K DWG. D13120 FOR DETAILS (TYP.)
SEE NOTE 9 5'-0" MIN. O.C.

ABOVEGROUND HORIZONTAL TANK INSTALLATION


CONTAINMENT CHAMBER SEE S-K DWG D-13067 FOR DETAILS.
CONCRETE PAD
SEE DETAIL @ RIGHT FOR WIRING DETAILS OF REMOTE ELECTRONICS.
COAX CABLE TO REMOTE ELECTRONICS UNIT (RUN IN RIGID CONDUIT.)
2" x 3/4" RED. BUSHING
4" x 2" RED. BUSHING
4" HALF COUPLING WELDED TOP TANK LID.
CONDULET
PROBE ASSEMBLY (54" LONG FOR UNDERGROUND INSTALLATION ONLY.)
UNDERGROUND DOUBLEWALL TANK.
95% VOLUME LEVEL
5"


GROUND SCREW IN CONDULET (GREEN)
GROUND WIRE FROM SPARK PROTECTOR (GREEN)
SPARK PROTECTOR 577-1-19
PROBE ASSEMBLY
CONDULET
GROUND WIRE FROM CABLE (GREEN)
CENTER WIRE (BLUE)
3 TERMINAL CABLE TO REMOTE ELECTRONICS.
SHIELD WIRE (RED)
A

WIRING DETAIL
PLAN VIEW


SPARK PROTECTOR
PROBE CENTER CONNECTION (BLUE SCREW.)
SHIELD WIRE (RED)
CABLE SHOWN THIS SIDE FOR CLARITY.
PROBE ASSEMBLY
GROUND WIRE FROM SPARK PROTECTOR (GREEN)
CENTER WIRE (BLUE)
INSULATION
GROUND SCREW (GREEN)
GROUND WIRE FROM CABLE (GREEN)
SHIELD-COTE (RED SCREW)
CONDULET

SECTION A

NOTE:
WORK THIS DWG. WITH SK DWGS D-15929 AND D-14216

UNDERGROUND TANK INSTALLATION

GENERAL NOTES

1. POWER REQUIREMENT 13 TO 28 VDC
2. OUTPUT 4 - 10 mA (ALARM STATE)
   13 - 25 mA (NORMAL STATE)
3. OPERATING TEMP. -40°F TO +140°F
4. SHIELD-TO-GROUND LOADING: 25 ohm MIN. RESISTANCE
5. RFI EFFECT: LESS THAN 2 pF SHIFT IN OPERATING POINT FOR UNIT IN EXPLOSION-PROOF HOUSING FROM 5 W FIELD @ 27, 150, OR 450 mH, AT A DISTANCE OF 5 FT. FROM EXPOSED CABLE OR SIGNAL WIRE.
6. FAIL-SAFE: SWITCHABLE OR EITHER LOW-LEVEL FAIL-SAFE (LLFS) OR HIGH-LEVEL FAIL SAFE (HLFS).
7. HOUSING: NEMA 12-WATERPROOF EXPLOSION PROOF FOR CLASS I GROUPS A, B, C, D, AND CLASS II GROUPS E, F, G DW, 1 OR 2.
8. SEE INDIVIDUAL SERVICE CENTER SITE PLANS FOR RELATIVE LOCATIONS OF THESE DETAILS.
9. CONTRACTOR TO SUPPLY & INSTALL CONDUIT SUPPORTS & BRACKETS AS REQUIRED.
10. THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO SAFETY-KLEEN CORP. ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DRAWING IS EXPRESSLY PROHIBITED BY SAFETY-KLEEN
11. ALL ITEMS SHOWN WITH A SAFETY-KLEEN PART NUMBER WILL BE SUPPLIED BY SAFETY-KLEEN CORP. (e.g. SK- - - -)
12. IF INDIVIDUAL SERVICE CENTER CONDITIONS ARE NOT COVERED BY DETAILS SHOWN HERE, PLEASE CONTACT TECHNICAL SERVICES AT THE CORPORATE OFFICE FOR ASSISTANCE.
13. 4 CALCULATIONS FOR LENGTH OF PROBE INSIDE OF TANK ARE SET TO ACTIVATE THE ALARM AT THE 95% VOLUME LEVEL.
14. 6 ALL CALIBRATION OF UNIT SHALL BE DONE IN ACCORDANCE WITH DREXELBROOKS RECOMMENDATIONS. CALIBRATION SHALL BE DONE AFTER ALL COMPONENTS OF SYSTEM ARE IN PLACE.
15. ALL TANKS SHALL BE GROUNDED PRIOR TO INSTALLATION OF ALARM SYSTEM.

7	REDRAW UNDERGROUND INSTALLATION ADDED DETAILS & CHANGED CONDUIT TO RIGID	[illegible]	1-4-
6	ADD NOTES AND MODIFY THE DWG. ON VERT. & HOR. TANK INSTALLATION.	MA	7-2
5	ADD 'EXPLOSION PROOF SEAL OFF' NOTE	FLB	12-
4	CHANGED PROBE DEPTH, NOTE 13	FLB	11-

safety-kleen corp.
777 BIG TIMBER ROAD • ELGIN, ILLINOIS 60123 PHONE 312/697-4460

HIGH LEVEL ALARM SYSTEM TRANSMITTER
TO TANK INSTALLATION DETAILS

NONE			
6-22-88	1 ADDED CHART & MISC INFO.	RD	7/
RD	2 10" WAS 15"; 26" WAS 18"	RD	
	3 ADDED SEAL OFF	RD	

for: SERVICE CENTER BRANCH
D1310