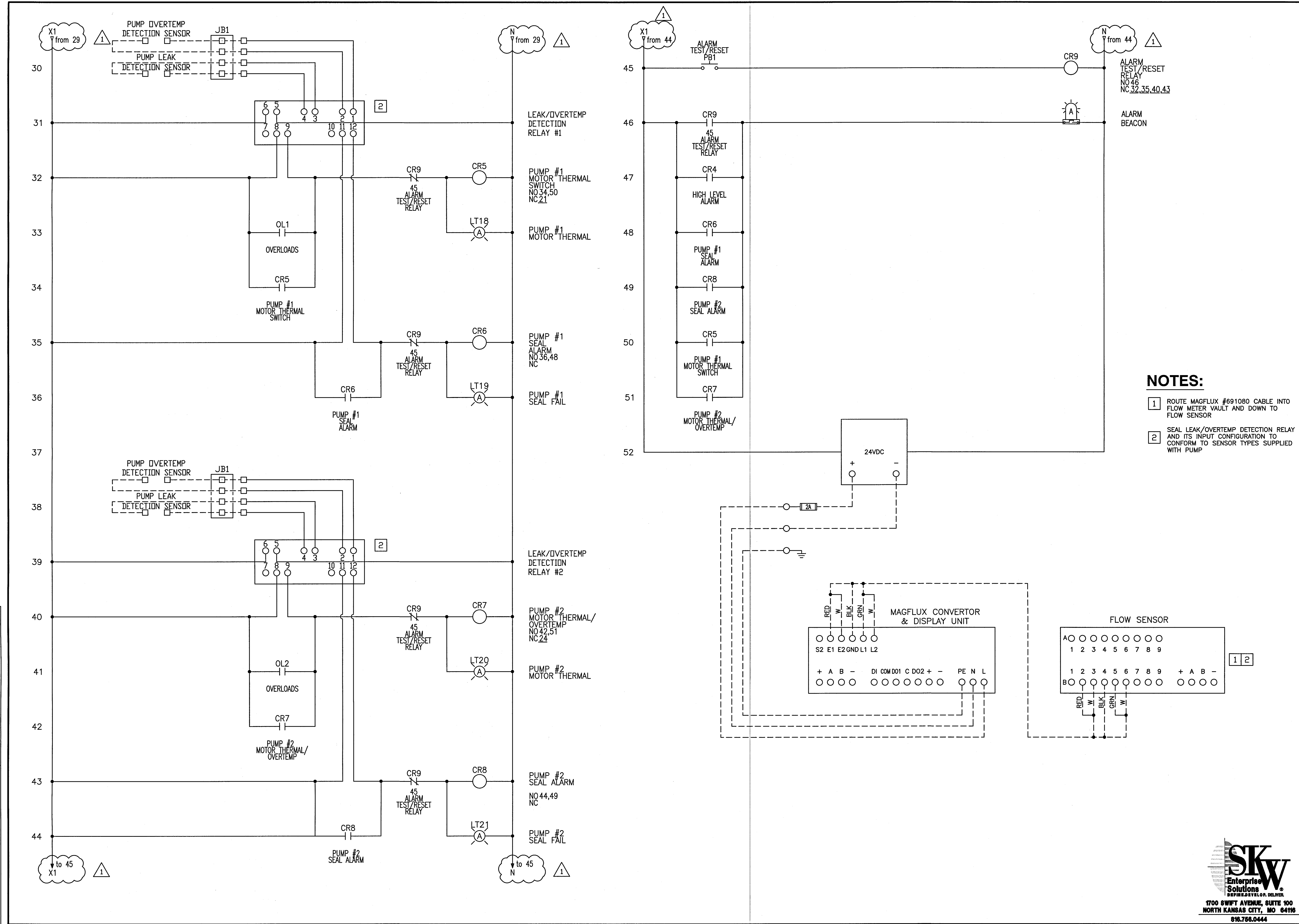


NOTES:

- 1 MAIN BREAKER INTERLOCKED WITHIN HINGED INTERIOR PANEL TO PREVENT INTERIOR OPENING UNLESS MAIN BREAKER IS IN THE OFF POSITION.
- 2 CIRCUITRY SHOWN IS FOR REPRESENTATION OF FUNCTION ONLY

MODOT SEWER IMPROVEMENTS KING CITY, MO	SHAHER, KLINE & WARREN, INC. 107 Butler Street, Macon, MO 63552-1628 660/385-6441 FAX: 660/385-6614 OFFICE LOCATIONS: Macon, MO Columbia, MO Houston, TX Lenexa, KS CIVIL ENGINEERS ELECTRICAL ENGINEERS MECHANICAL ENGINEERS STRUCTURAL ENGINEERS LANDSCAPE ARCHITECTS LAND SURVEYORS LAND PLANNERS		DESIGNED BY: JLM DRAWN BY: CJP CHECKED BY: JLM ISSUE DATE: 10/22/14	5 4 3 2 1 NO.	DATE 3/18/15 REVISED AMPLIFIQUES REVISIONS	BY JLM APPD	COPYRIGHT © - 2014 - SHAHER, KLINE & WARREN INC. MISSOURI CERTIFICATE OF AUTHORITY: F00139850

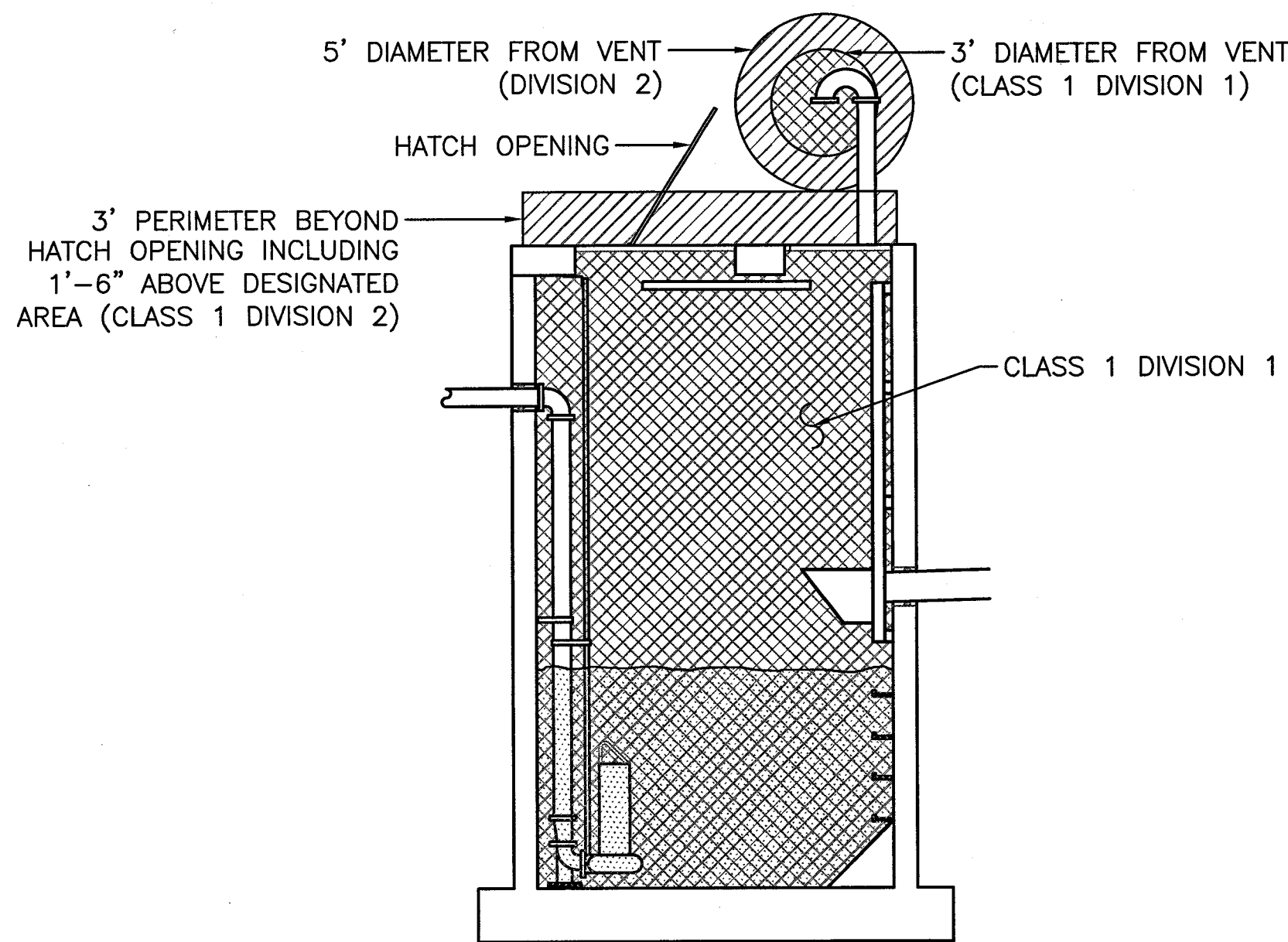
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LAYOUT: LAYOUT
BY: CPORTER
DATE: 3/18/2015
XREF DWG2: NONE
XREF DWG3: NONE
XREF DWG4: NONE



SHAHER, KLINE & WARREN, INC. 107 Butler Street, Macon, MO 63552-1628 660/385-6441 FAX: 660/385-6614 OFFICE LOCATIONS: Columbia, MO Houston, TX Lenexa, KS Macon, MO North Kansas City, MO Tulsa, OK		DESIGNED BY: JLM DRAWN BY: CJP CHECKED BY: JLM ISSUE DATE: 10/22/14	NO. DATE 1 10/22/14 2 3 4 5	REVISIONS BY: JLM DATE: 10/22/14	COPYRIGHT © - 2014 - SHAHER, KLINE & WARREN INC. MISSOURI CERTIFICATE OF AUTHORITY: F00139850
MODOT SEWER IMPROVEMENTS KING CITY, MO		SCHEMATICS		140396-010 SHEET NO. E-3	

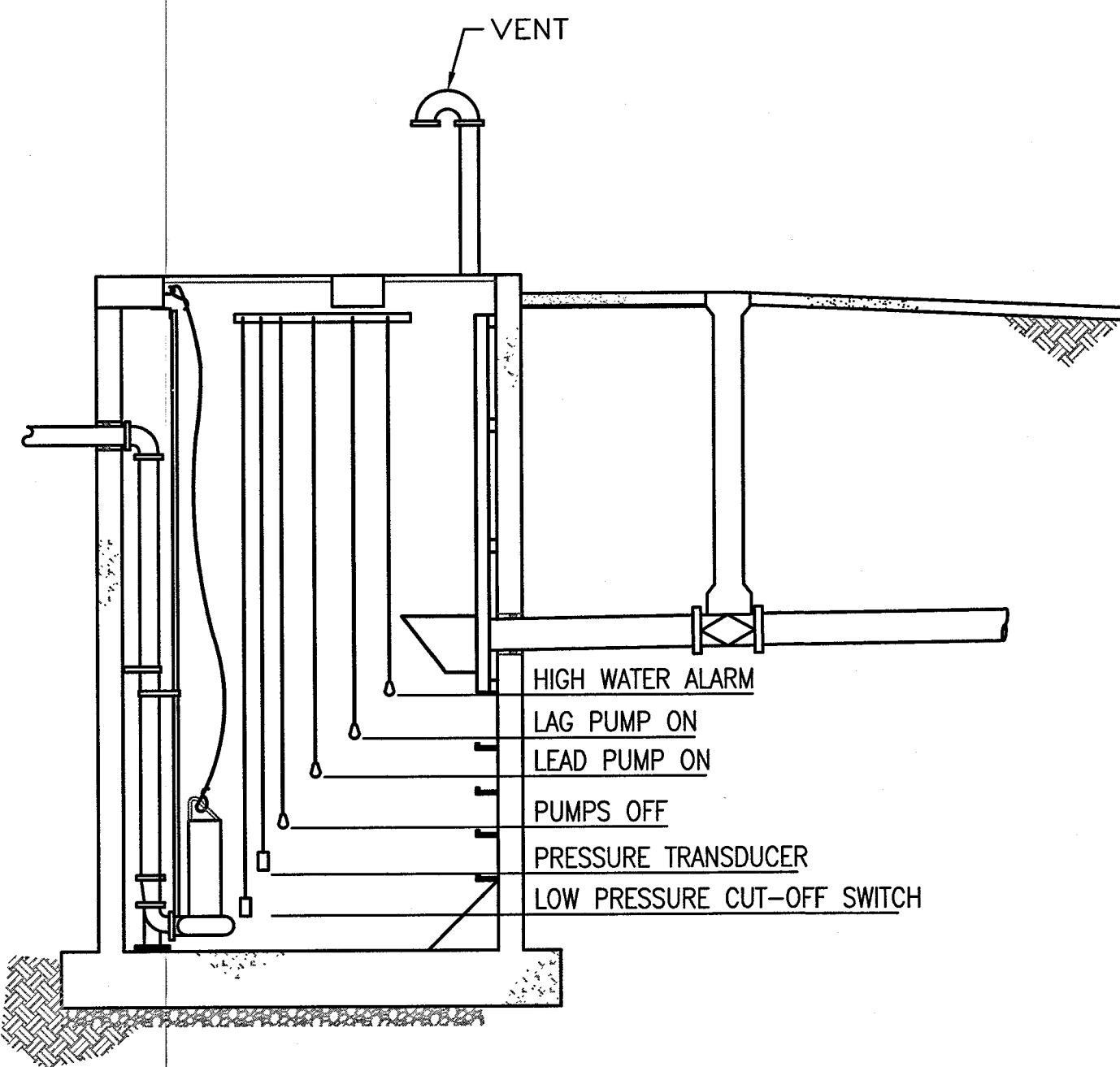
SKW
Enterprise Solutions
 1700 SWIFT AVENUE, SUITE 100
 NORTH KANSAS CITY, MO 64116
 816.756.0444

L: \\140396-010_CAD\ELECTRICAL\140396-010 E-4.DWG	DATE: 3/18/2015
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XREF DWG1: NONE	XREF DWG2: NONE
XREF DWG3: NONE	XREF DWG4: NONE



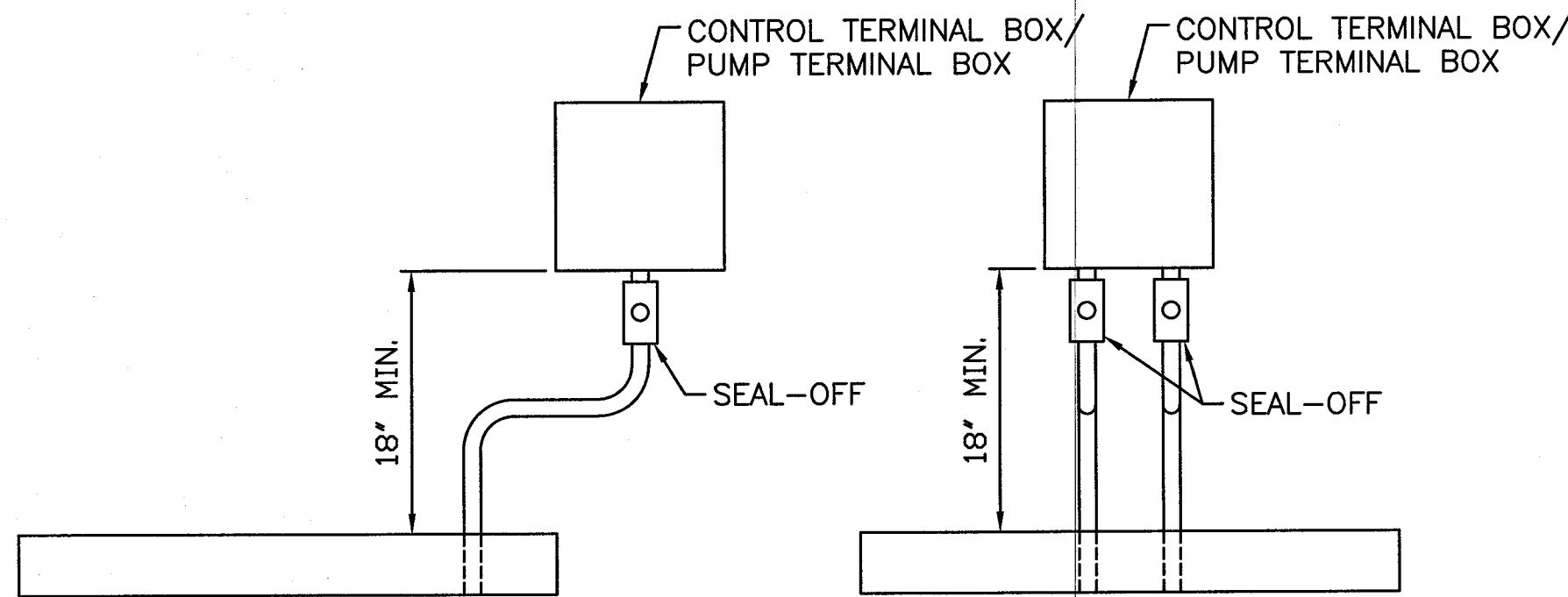
WET WELL AREA CLASSIFICATION

NOT TO SCALE



PUMP STATION SECTION

NOT TO SCALE



SIDE VIEW

FRONT VIEW

CONTROL TERMINAL NOTES:

- ALL FLOAT SWITCHES AND PRESSURE/LEVEL TRANSDUCERS ARE TO BE RATED TO BE INTRINSICALLY SAFE OR RENDERED INTRINSICALLY SAFE BY USE OF INTRINSICALLY SAFE RELAYS LOCATED IN THE CONTROL TERMINAL BOX.
- EACH CABLE MUST EXIT THE WET-WELL IN ITS OWN CONDUIT WITH A SEAL-OFF FITTING.

PUMP TERMINAL NOTES:

- PUMP TERMINAL BOX TO CONTAIN BOTH CONTROL AND POWER CABLES FOR THE PUMP(S).
- THE CABLES FROM EACH PUMP MUST BE IN A DISTINCT CONDUIT.

TERMINAL BOX DETAIL

NOT TO SCALE

1



MODOT SEWER IMPROVEMENTS
KING CITY, MO

DETAILS

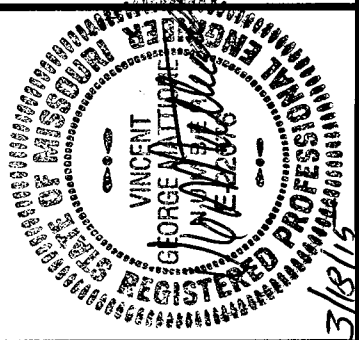
140396-010
SHEET NO.
E-4

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660/385-6441 FAX: 660/385-6614

OFFICE LOCATIONS:

Columbia, MO
Houston, TX
Lenexa, KS
Macon, MO
North Kansas City, MO
Tulsa, OK

CIVIL ENGINEERS ELECTRICAL ENGINEERS MECHANICAL ENGINEERS STRUCTURAL ENGINEERS LANDSCAPE ARCHITECTS LAND SURVEYORS LAND PLANNERS



Designed By: JLM
Drawn By: CJP
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