

KANSAS GAS SERVICE

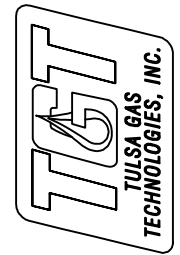
112 NE Madison St. - Topeka, KS



LOCATION MAP
No Scale

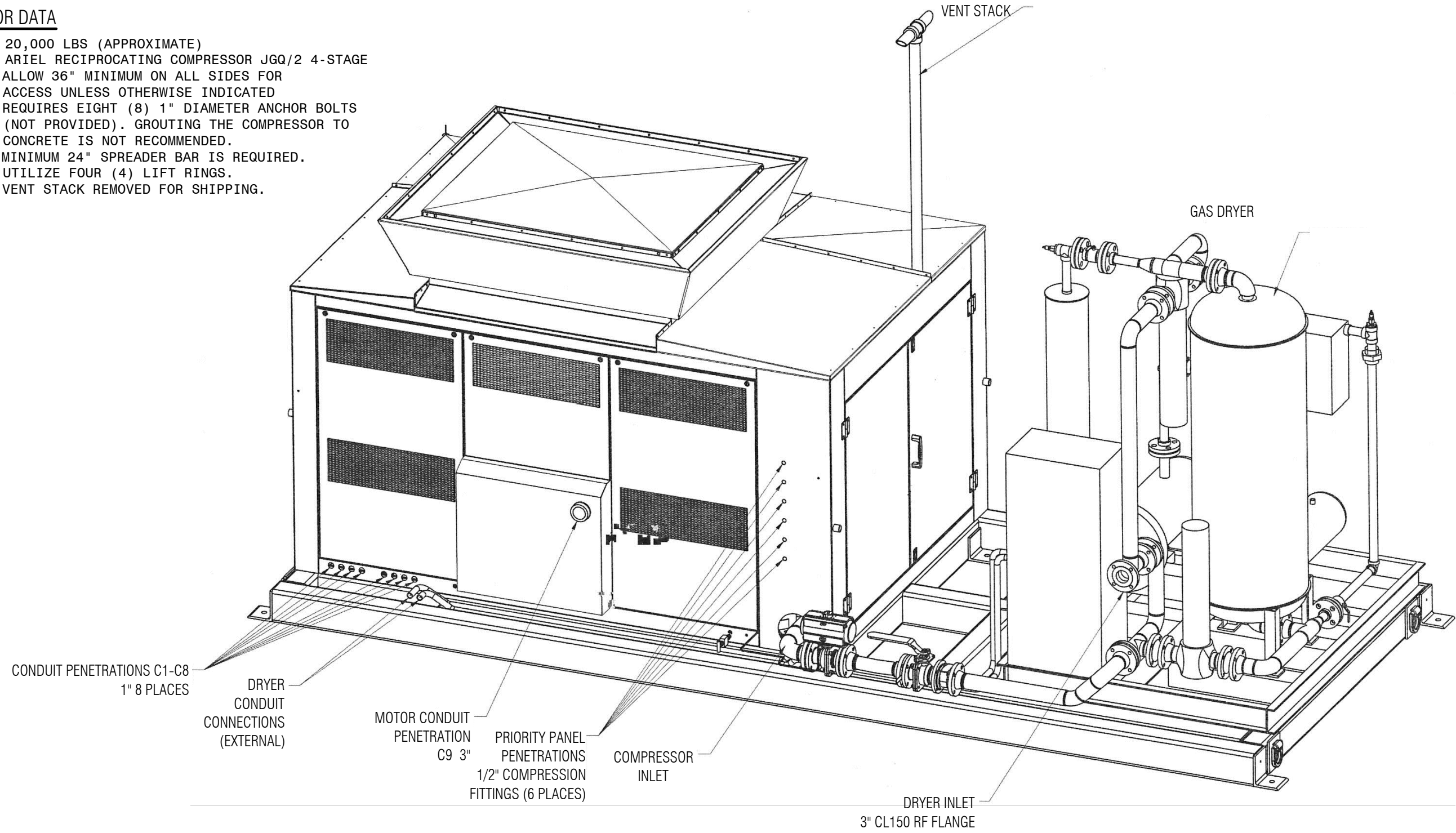
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SEQUENCE	-	CHECKED BY:	-	05-19-20
PROGRAM:	-	APPROVED BY:	-	
SERIAL NO.:	-	PART:	-	
WORK ORDER:	-	DWG. NO.	KGS TOPEKA G1	SITE OVERVIEW
MATERIAL:	-			PAGE

TULSA GAS TECHNOLOGIES, INC.
 4809 S. 101st E. Ave.
 Tulsa, OK 74146
 918-665-2641
 FAX: 918-665-2657



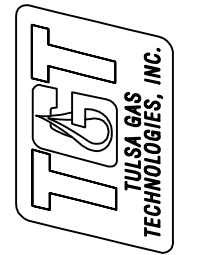
COMPRESSOR DATA

WEIGHT: 20,000 LBS (APPROXIMATE)
 TYPE: ARIEL RECIPROCATING COMPRESSOR JGQ/2 4-STAGE
 CLEARANCE: ALLOW 36" MINIMUM ON ALL SIDES FOR ACCESS UNLESS OTHERWISE INDICATED
 MOUNTING: REQUIRES EIGHT (8) 1" DIAMETER ANCHOR BOLTS (NOT PROVIDED). GROUTING THE COMPRESSOR TO CONCRETE IS NOT RECOMMENDED.
 LIFTING: MINIMUM 24" SPREADER BAR IS REQUIRED. UTILIZE FOUR (4) LIFT RINGS.
 SHIPPING: VENT STACK REMOVED FOR SHIPPING.

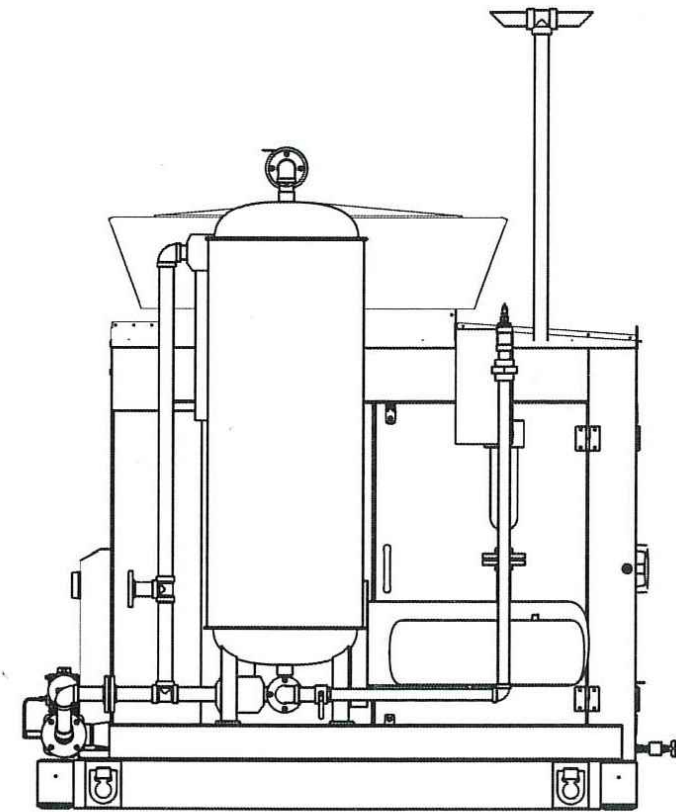
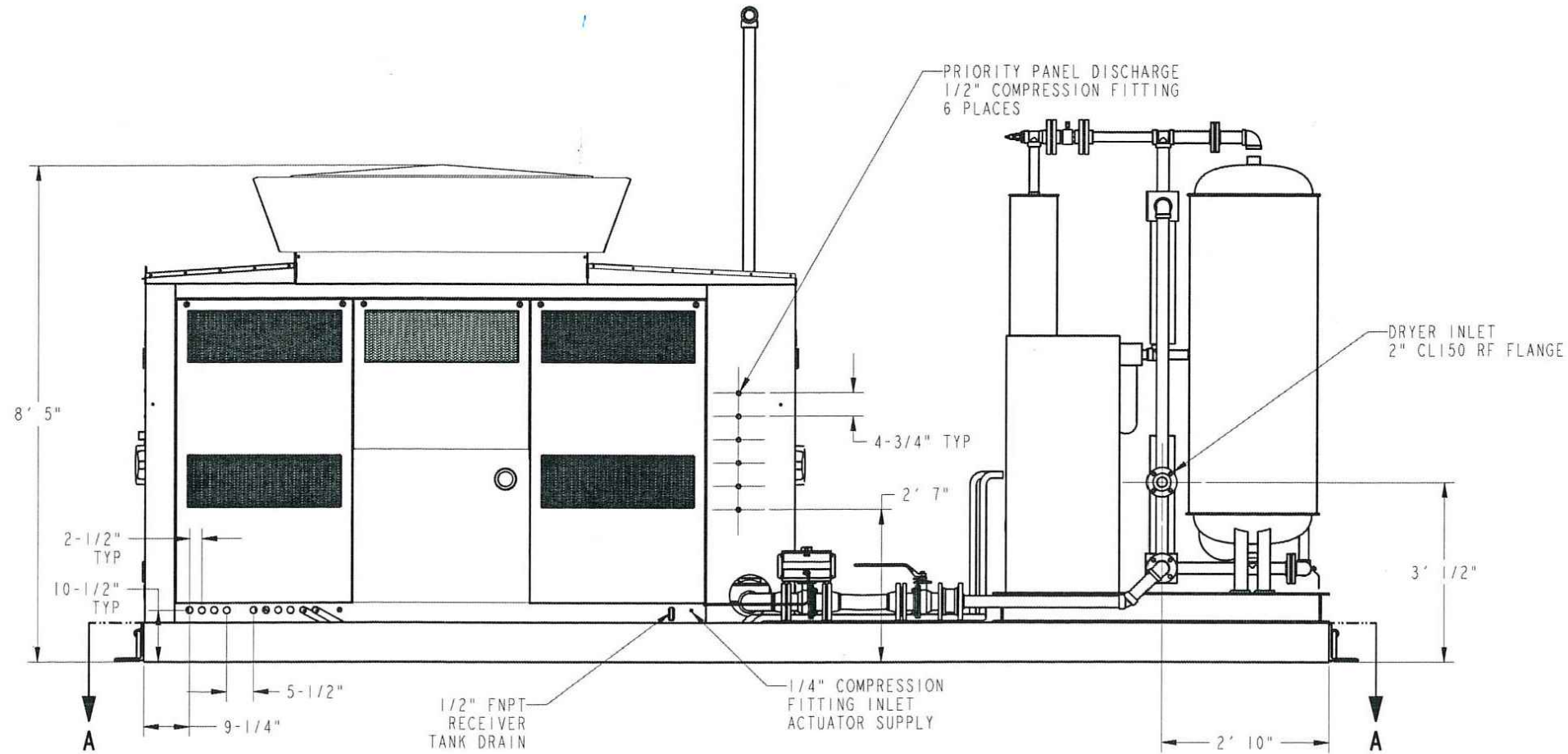
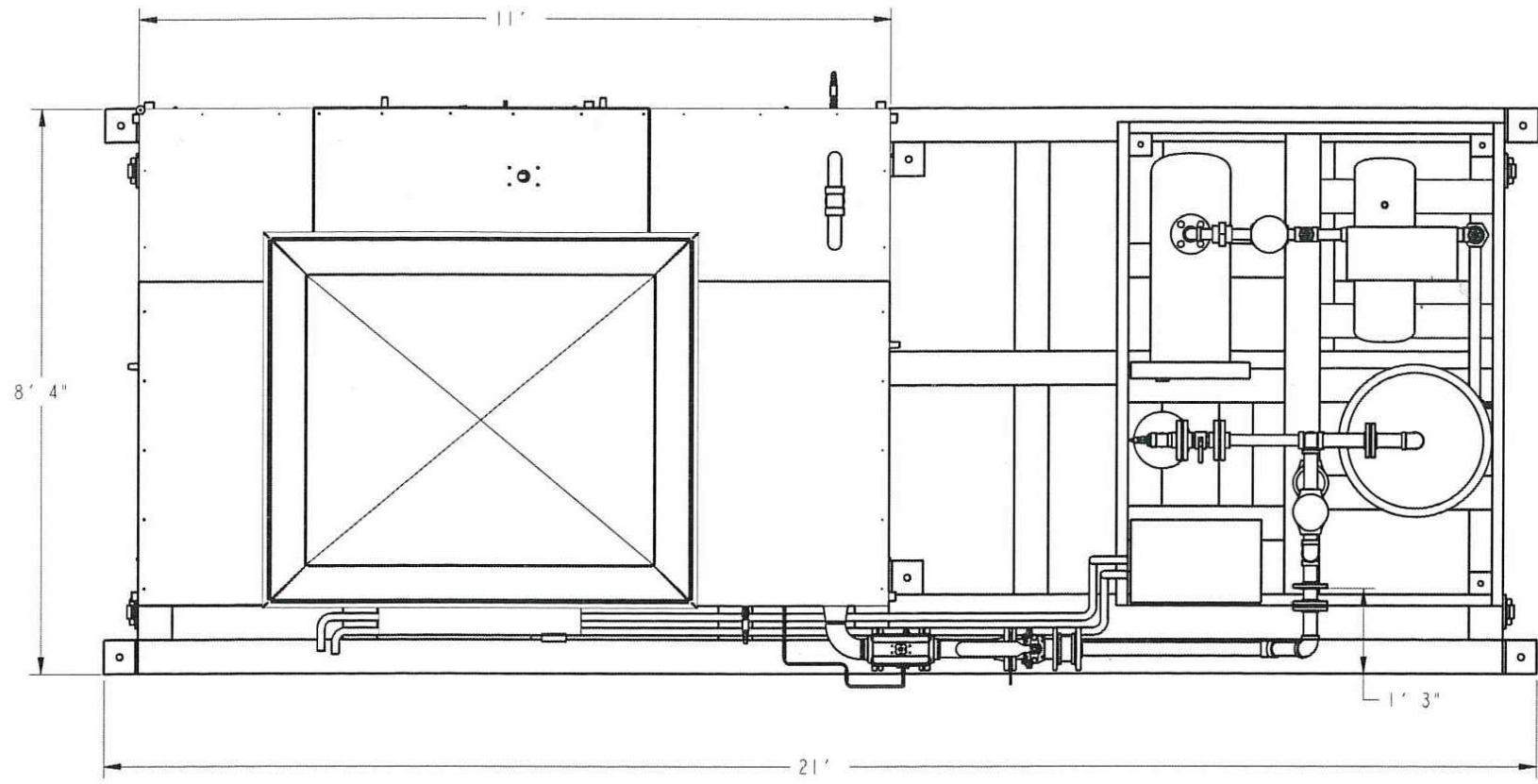


MODEL:	MB	DATE	05-06-20
SEQUENCE	-	CHECKED BY:	-
PROGRAM:	-	APPROVED BY:	-
SERIAL NO.:	-	PART:	-
WORK ORDER:	-	DWG. NO.	KGS TOPEKA G2 NG300 COMPRSR LAYOUT
MATERIAL:	-		PAGE
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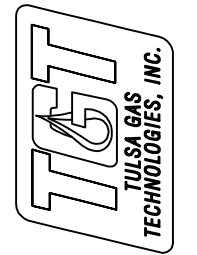
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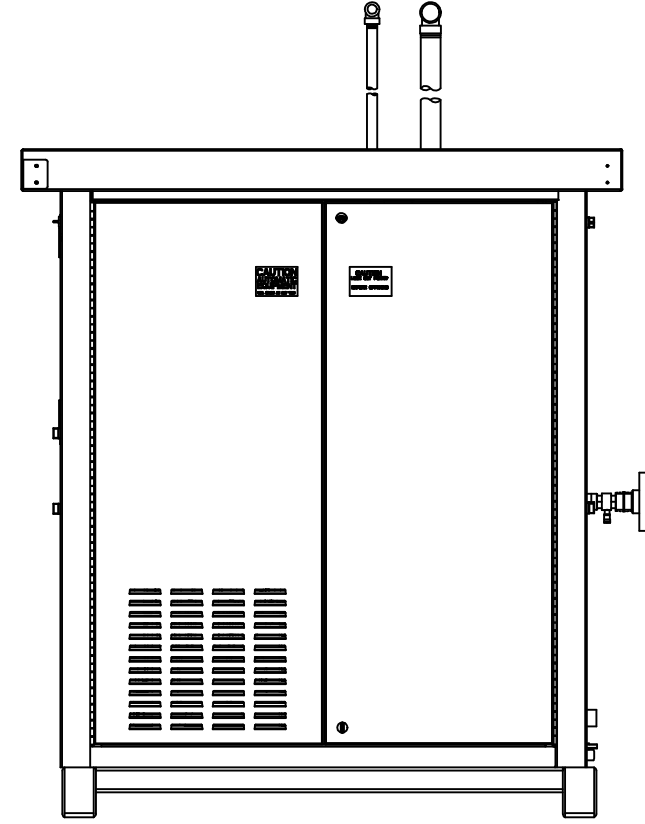
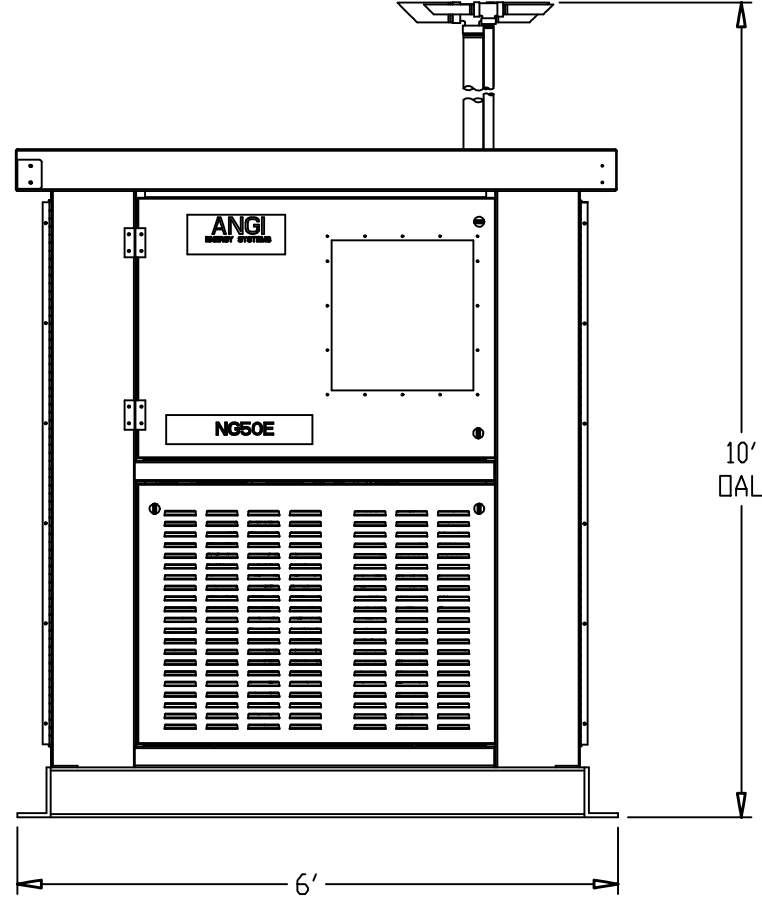
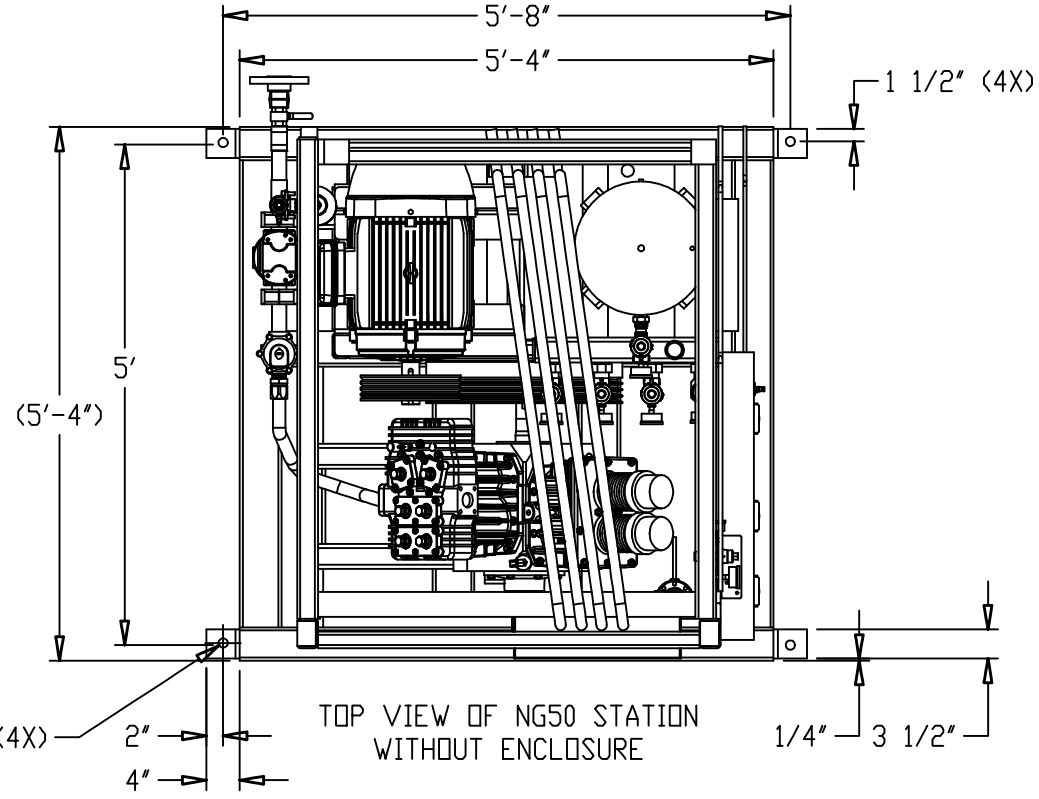
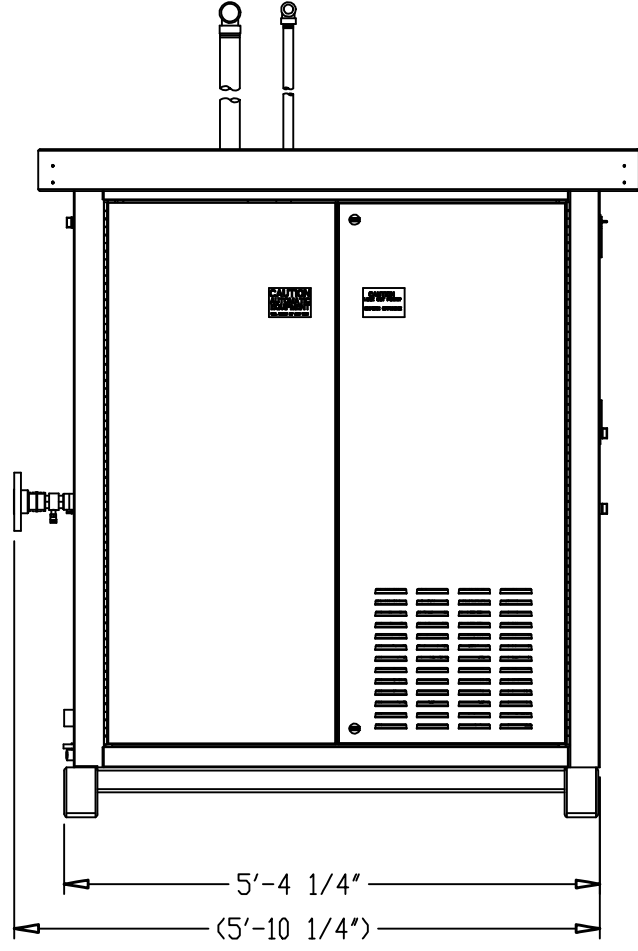
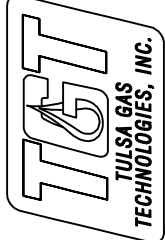
G:\STATION SITE PLANS\KGS TOPEKA 112 NE MADISON ST



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SEQUENCE:	-	CHECKED BY:	-
PROGRAM:	-	APPROVED BY:	-
SERIAL NO.:	-	PART:	-
WORK ORDER:	-	DWG. NO.	KGS TOPEKA G3 NG300 PENETRATION DET.
MATERIAL:	-		
G:\STATION SITE PLANS\KGS TOPEKA 112 NE MADISON ST		PAGE	3 OF 36

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MODEL:	SEQUENCE	—	DATE	05-06-20
	PROGRAM:	—		
	SERIAL NO.:	—		
	WORK ORDER:	—		
	MATERIAL:	—		
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			CHECKED BY:	—
			APPROVED BY:	—
			PART:	—
			DWG. NO.	KGS TOPEKA G4 NG050E-50-4
			GEN. ARR.	—
			PAGE	4 OF 36

G:\STATION SITE PLANS\KGS TOPEKA 112 NE MADISON ST

600 AMP MLO MCC MAIN disconnect

200 HP
 300 AMP Fuse
 460V 3 phase
 NG 300 comp mtr
 240 FLA

50 HP
 100 AMP Fuse
 460V 3 phase
 NG 50 comp mtr
 65 FLA

7.5 HP
 15 AMP Fuse
 460V 3 phase
 Fan Motor
 11 FLA

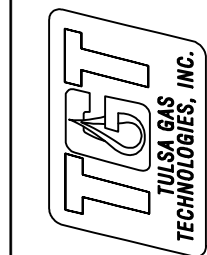
1/2 HP
 15 AMP Fuse
 460V 3 phase
 Lube Pump Motor
 1.1 FLA

Open on ESD
 20 AMP Fuse
 10KW 460/240,120
 1 phase
 40 AMP Fuse

7.5 KVA Transfmr
 40 AMP Fuse
 460V 3 phase
 Transformer
 15 .6 FLA

Xebec Dryer
 30 AMP Fuse
 460V 3 phase
 Heater/ Motor
 22 FLA

Phase			Watts		
A	120V	ESD Loop	30		
A	120V	Compressor PLC and Controls	1500		
A	120V	Comunication Box	1800	2	GFI Duplex
A	120V	Fast Fill dispenser controls	180		
A	120V	Spare			
B	120V	GFI Recpt 20 amp	1800	1	GFI Duplex
B	120V	Spare			
Full load			A Watts	B Watts	
			3510	1800	
Total			5310 Watts		

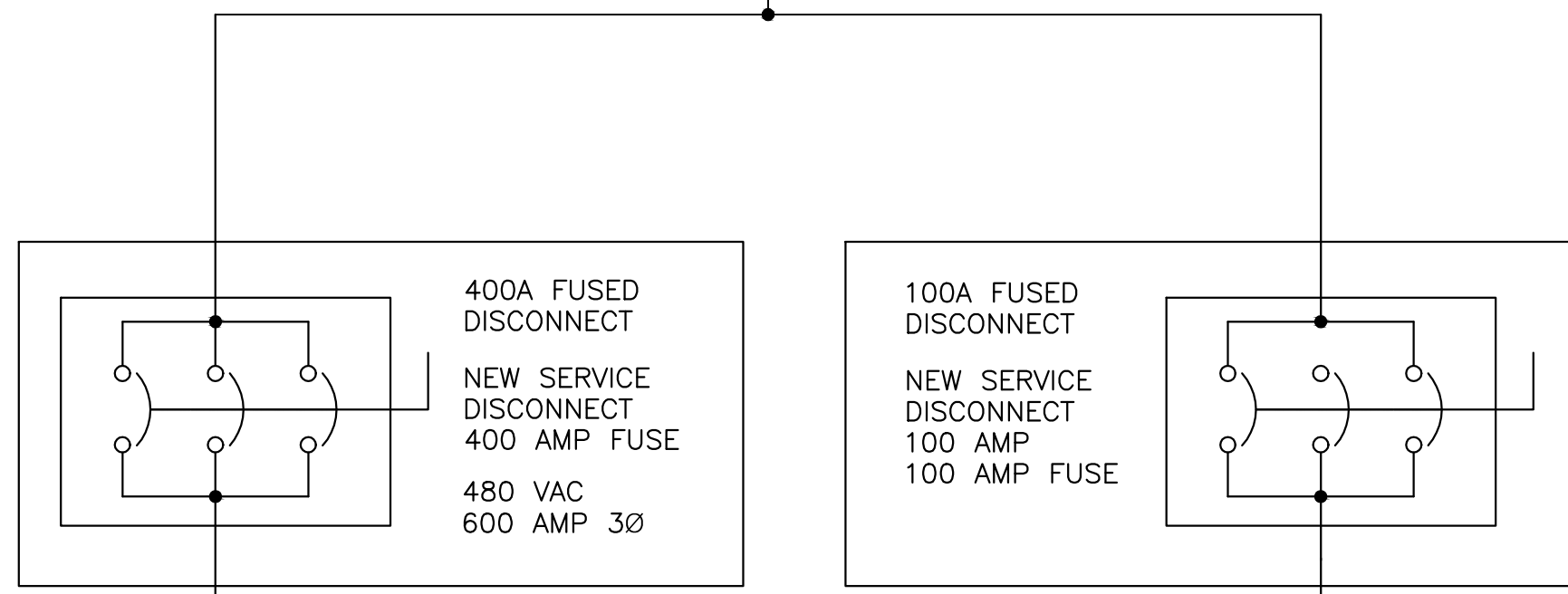


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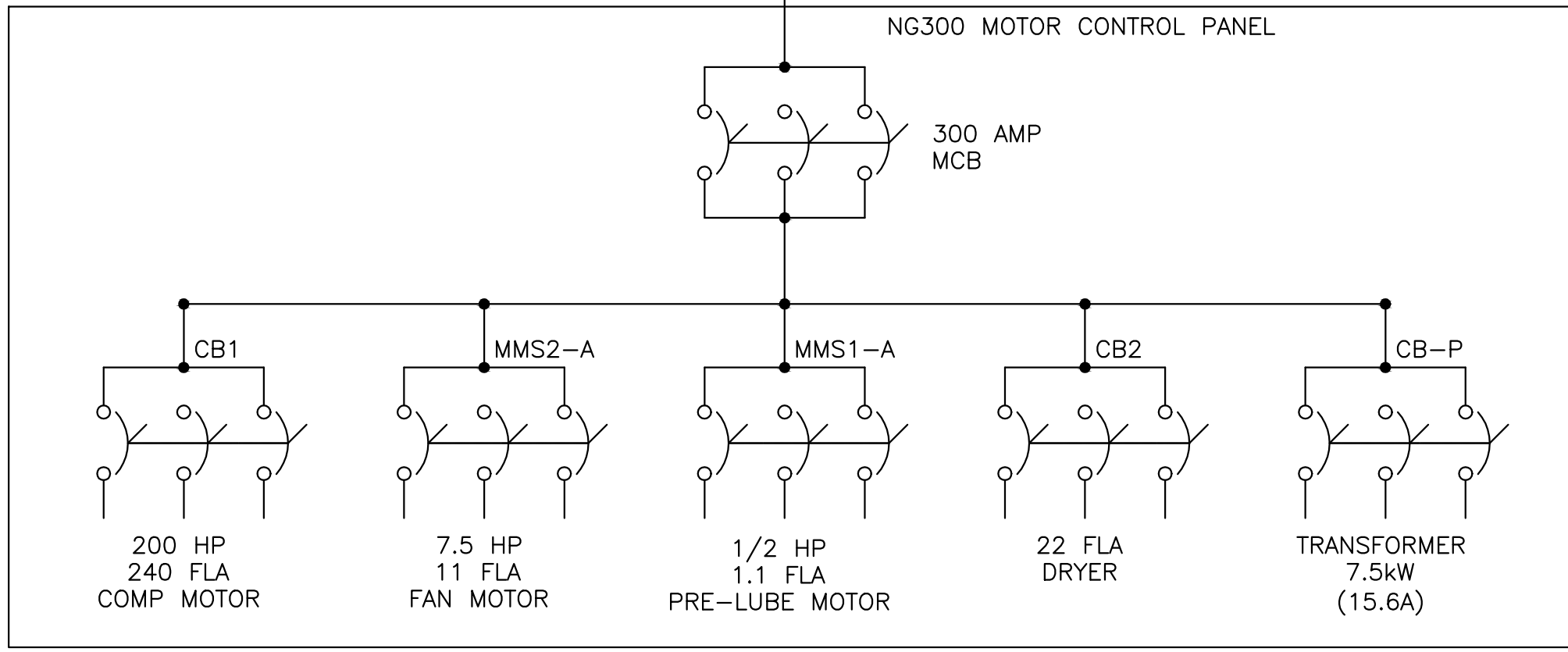
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CHECKED BY:	-			
APPROVED BY:	-			
PART:	-			
DWG. NO.	KGS TOPEKA E1 MCC LOAD CALCULATIONS			
C:\STATION SITE PLANS\KGS TOPEKA 112 NE MADISON ST				PAGE
				6 OF 36

LOAD TABLE			
QTY	BHP	DESCRIPTION	FLA
1	200	COMP MOTOR	240
1	50	COMP MOTOR	65
1	7.5	FAN MOTOR	11
1	1/2	PRE LUBE	1.1
1	7.5kva	T1-TRANSFORMER	15.6
1		DRYER	22
		TOTAL	354.7 FLA

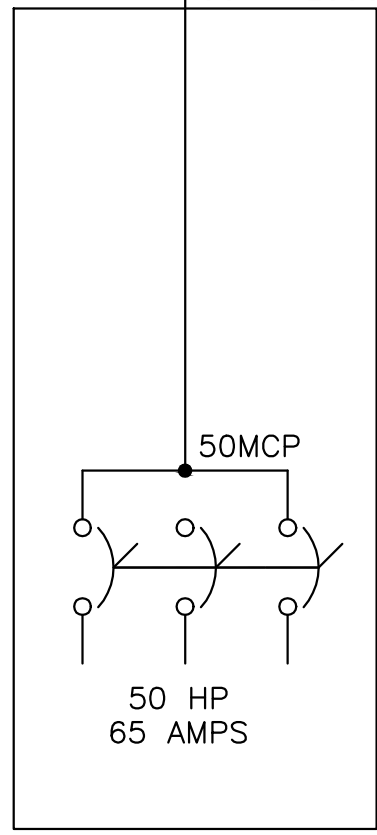
FROM
EVERGY METER



NG300
COMPRESSOR



CNG50
COMPRESSOR



C109A 3"
(3) 350 KCMIL
w/ #4 GROUND

C107A 1"
(3) #12 AWH
w/ #12 GROUND

C107A 1"
(3) #12 AWG
w/ #12 GROUND

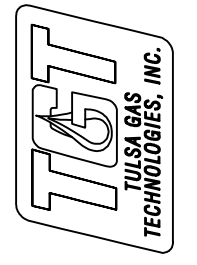
C112A 1"
(3) #8 AWG
w/ #10 GROUND

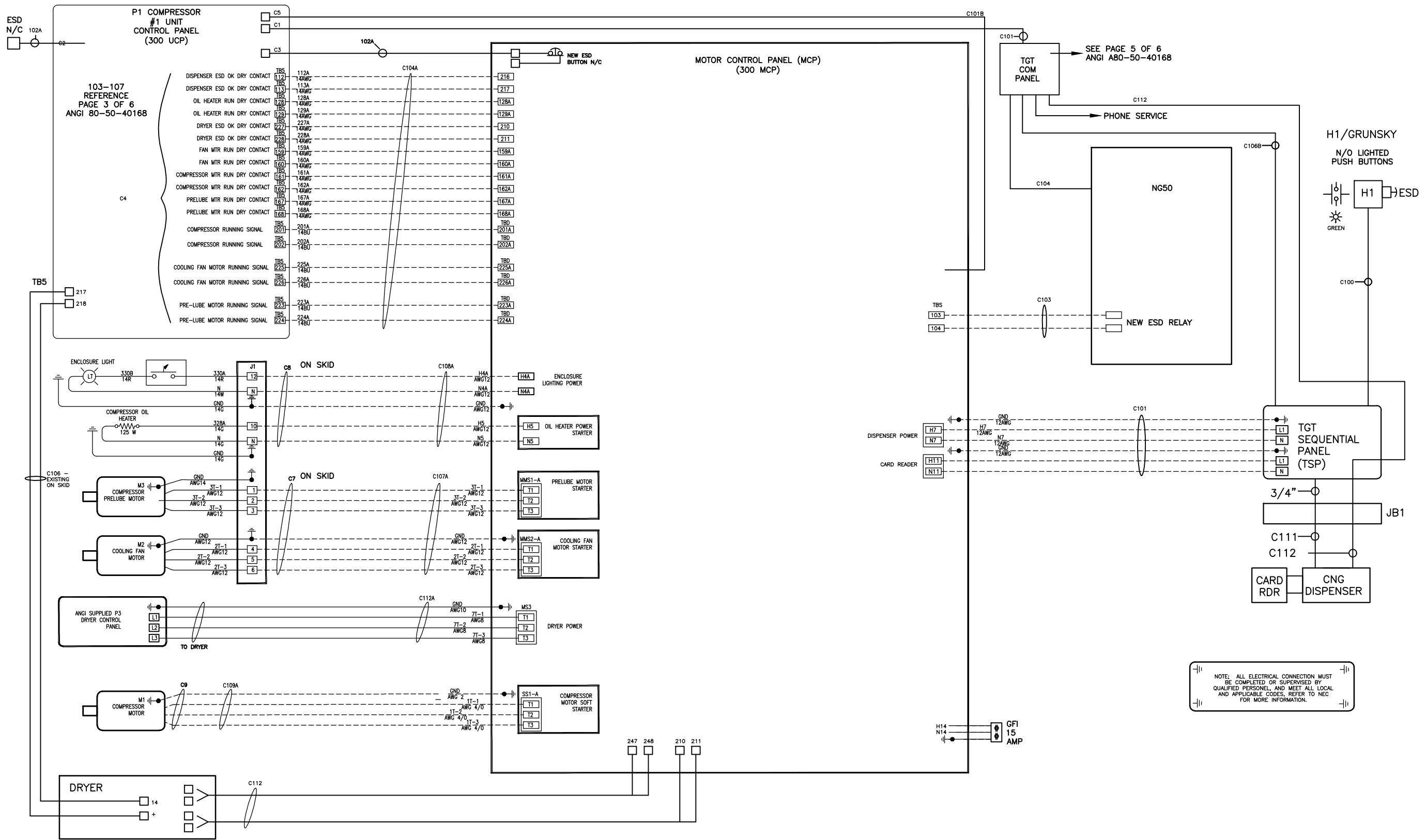
(3) #8 AWG
IN PANEL

(3) 2/0
#4 GROUND

MODEL:		DRAWN BY:	MB	DATE:	05-06-20
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WORK ORDER:	-	DWG. NO.:	KGS TOPEKA E2 ONE LINE		
MATERIAL:	-			PAGE:	7 OF 36

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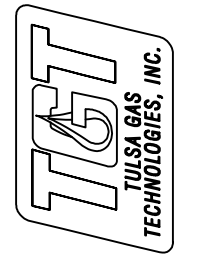


103-107
REFERENCE
PAGE 3 OF 6
ANGI 80-50-40168

TBS	112A	14AWG	216
TBS	113A	14AWG	217
TBS	128A	14AWG	128A
TBS	129A	14AWG	129A
TBS	227A	14AWG	210
TBS	228A	14AWG	211
TBS	159A	14AWG	158A
TBS	160A	14AWG	160A
TBS	161A	14AWG	161A
TBS	162A	14AWG	162A
TBS	167A	14AWG	167A
TBS	168A	14AWG	168A
TBS	201A	TBD	201A
TBS	202A	TBD	202A
TBS	223A	TBD	223A
TBS	226A	TBD	226A
TBS	223A	TBD	223A
TBS	224A	TBD	224A

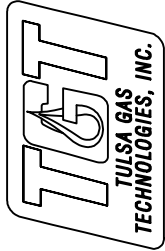
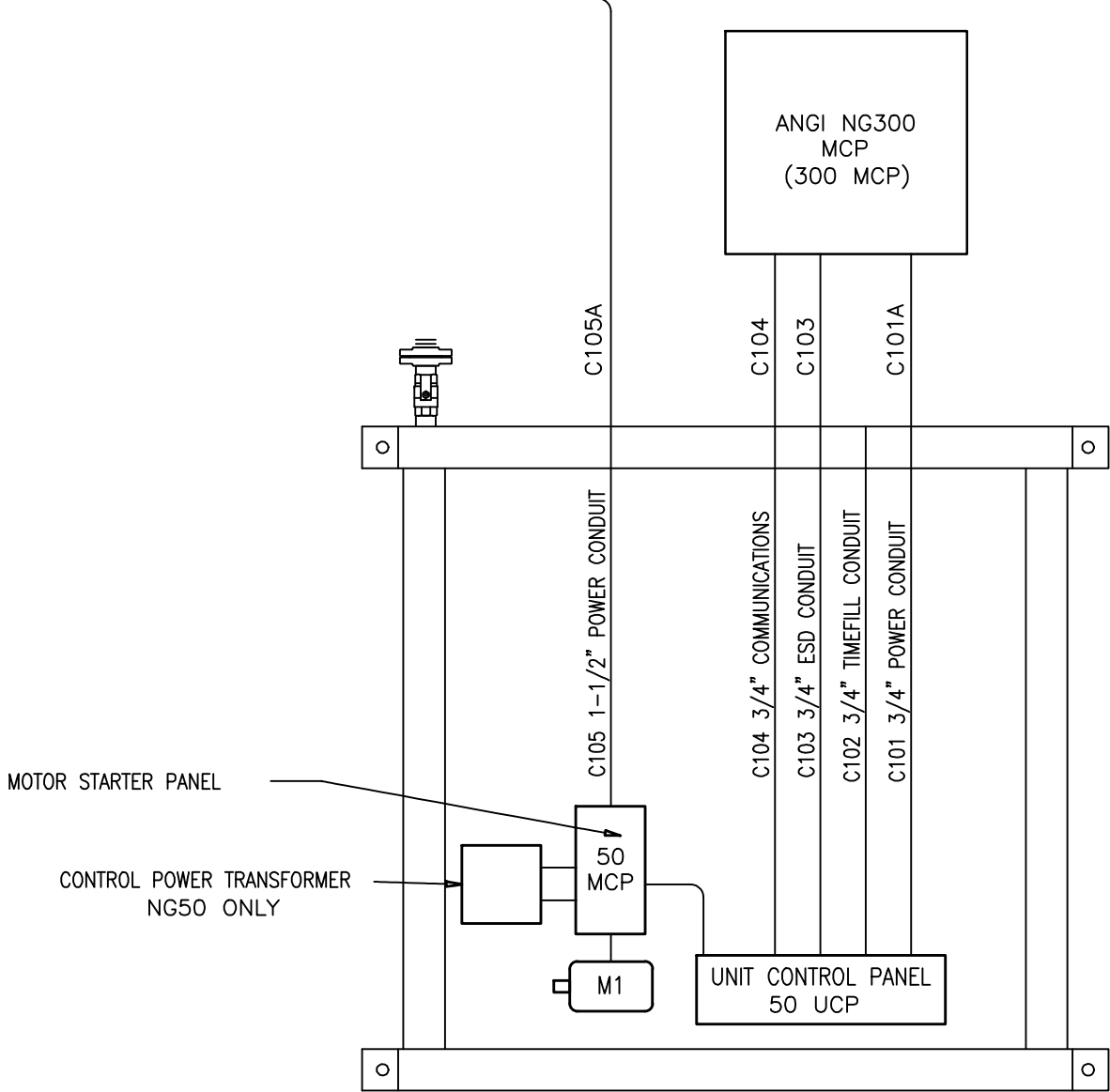
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PART:		DWG. NO.:	KGS TOPEKA E3		
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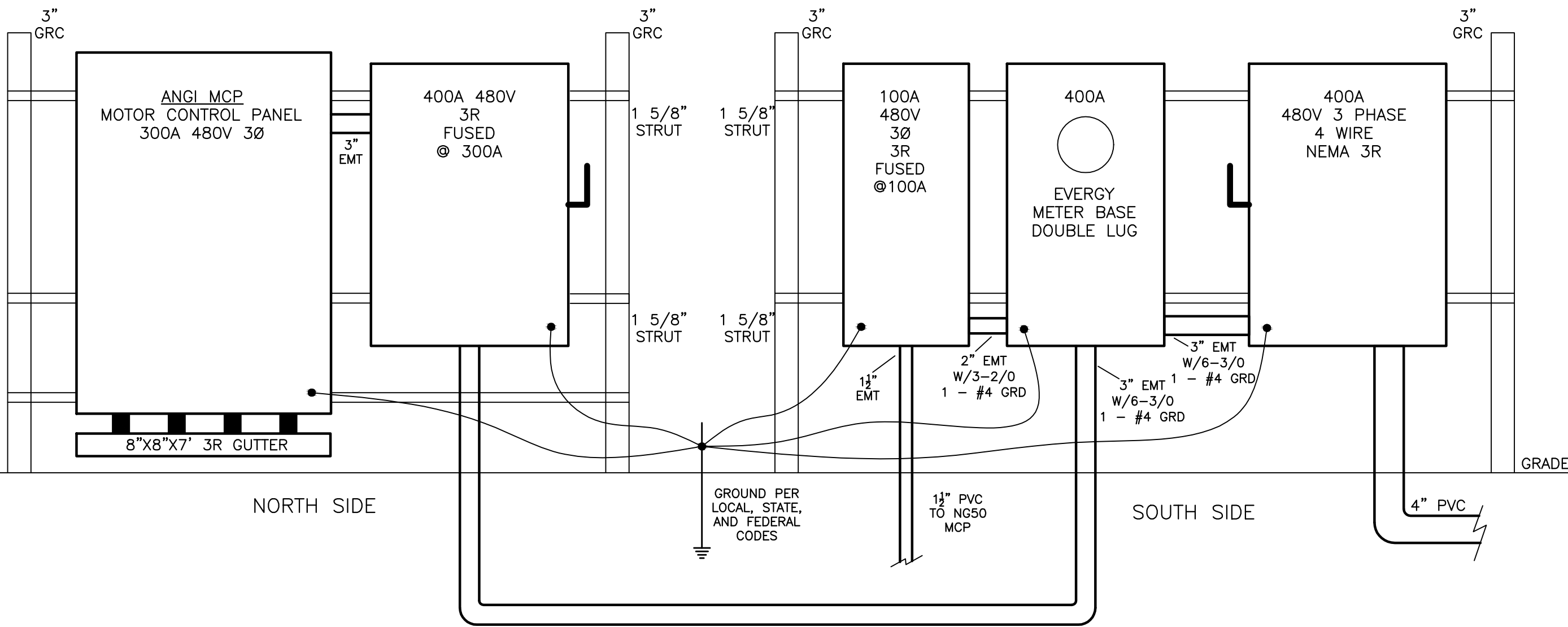
C:\STATION SITE PLANS\KGS TOPEKA 112 NE MADISON ST

480 VAC
100 AMP BREAKER
MAIN DISTRIBUTION
PANEL (MDP)



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SEQUENCE: -		CHECKED BY: -	05-06-20
PROGRAM: -		APPROVED BY: -	
SERIAL NO.: -		PART: -	
WORK ORDER: -		DWG. NO. KGS TOPEKA E4 NG50/CONDUIT MATRIX	
MATERIAL: -			PAGE
		G:\STATION SITE PLANS\KGS TOPEKA112 NE MADISON ST	9 OF 36



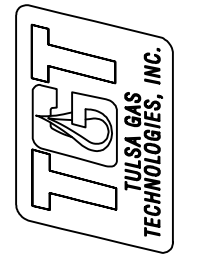
NORTH SIDE

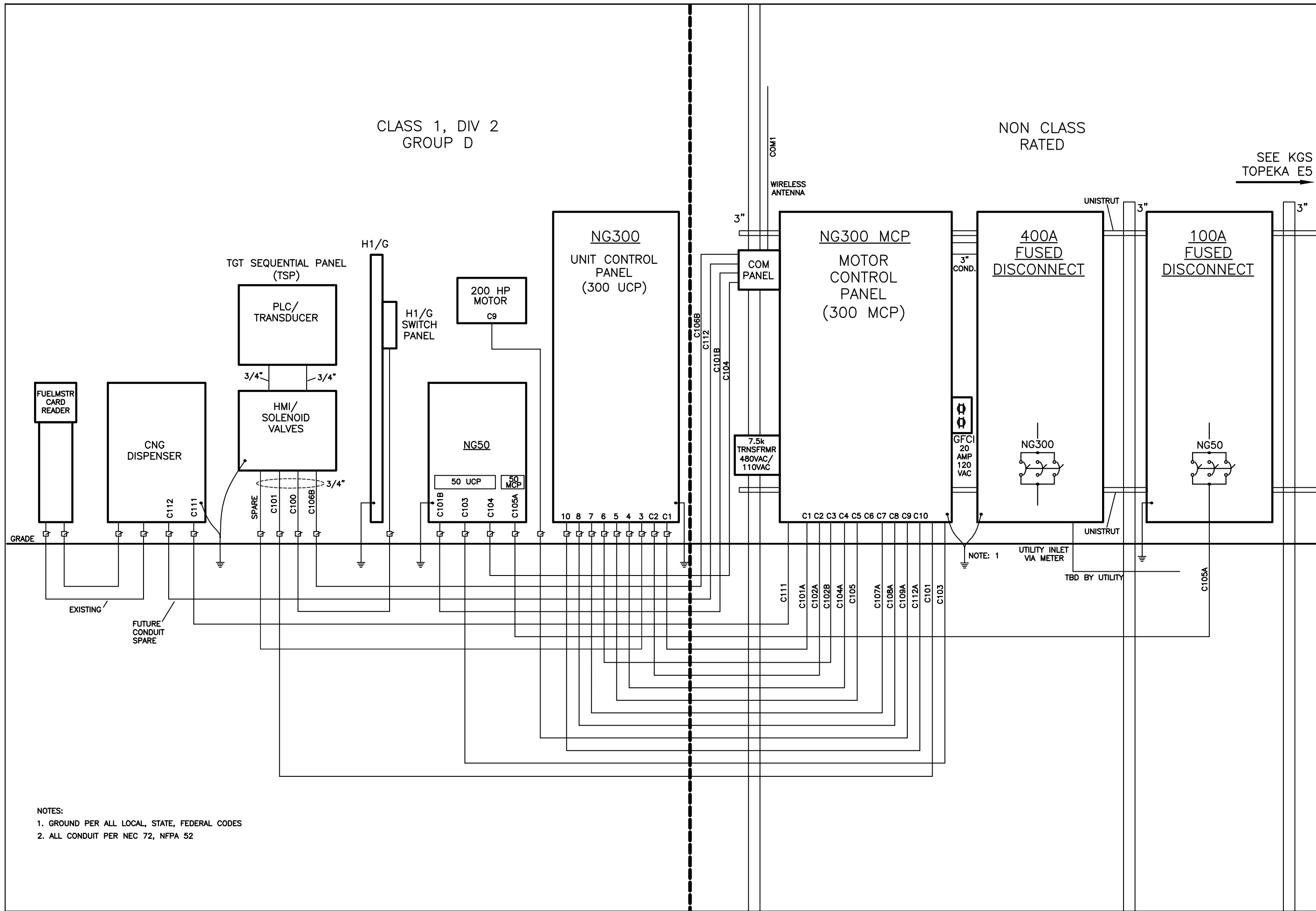
SOUTH SIDE

GRADE

MODEL:	SEQUENCE	DATE
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WORK ORDER:	DWG. NO. KGS TOPEKA E5	
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CLASS 1, DIV 2
GROUP D


NON CLASS
RATED

SEE KGS
TOPEKA E5

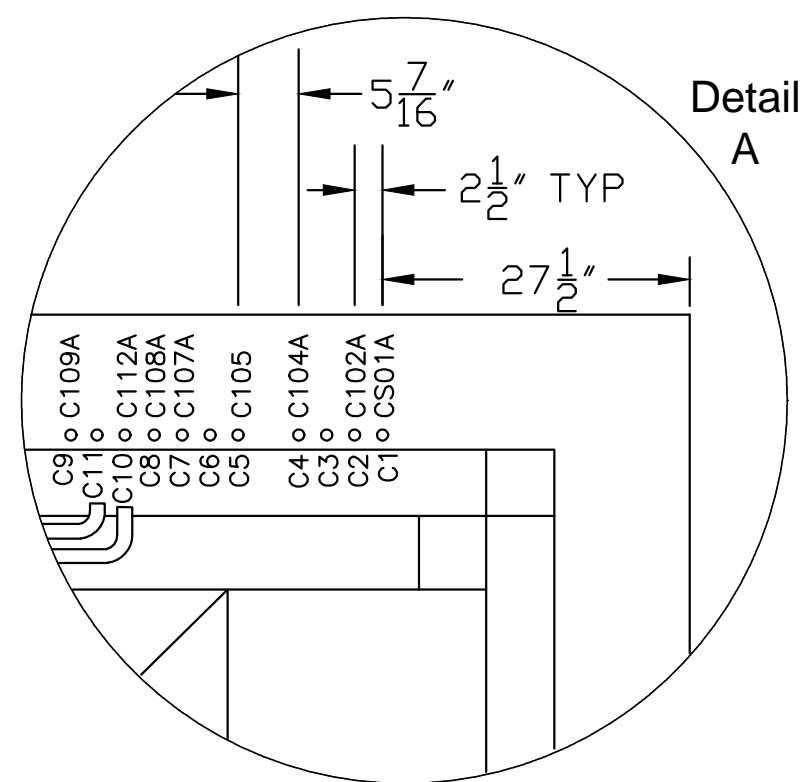
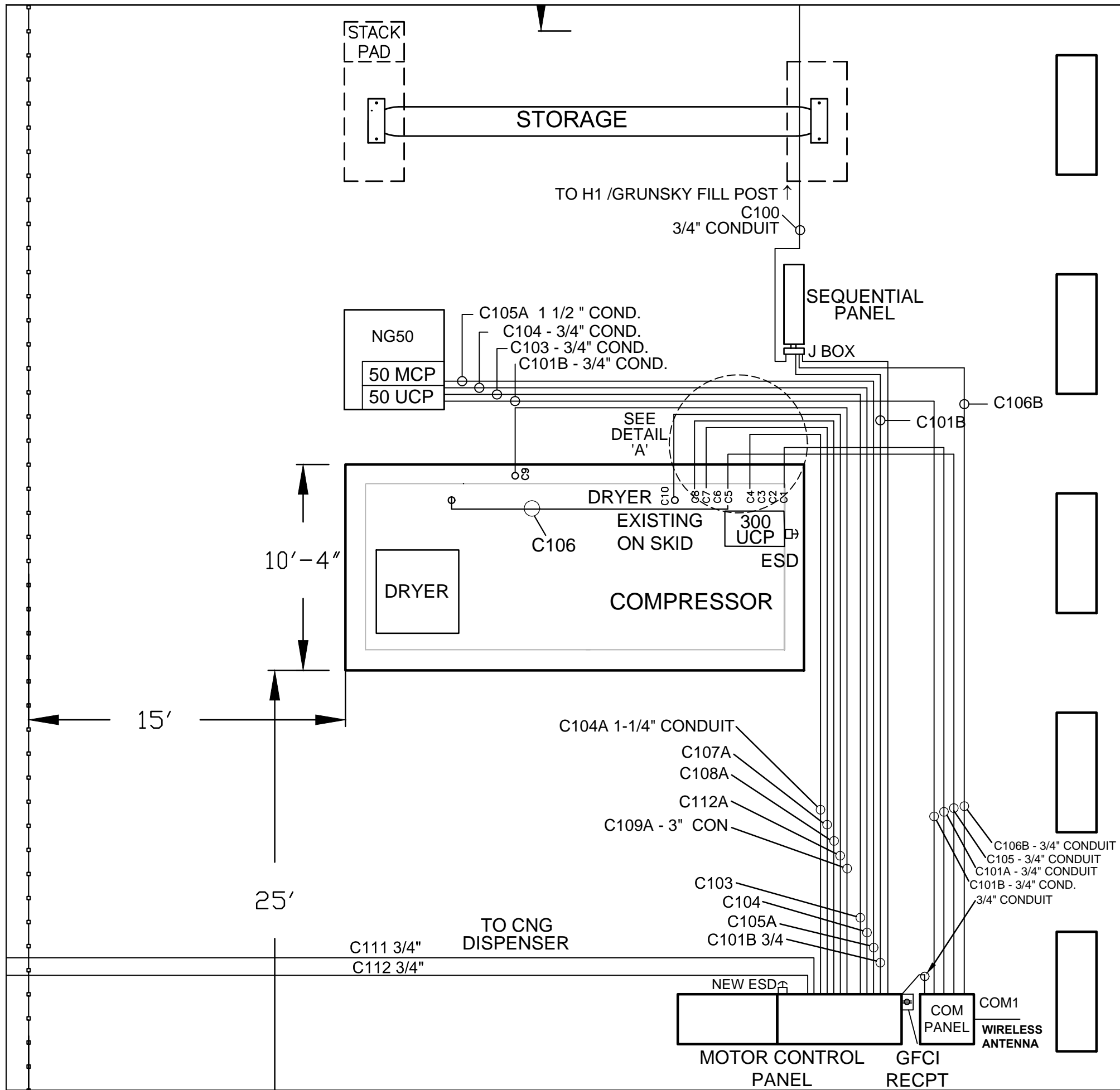
- NOTES:
1. GROUND PER ALL LOCAL, STATE, FEDERAL CODES
 2. ALL CONDUIT PER NEC 72, NFPA 52

DATE	05-06-20
DRAWN BY:	MB
CHECKED BY:	-
APPROVED BY:	-
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DWG. NO.	KGS TOPEKA E6
CONDUIT POINT TO POINT	
PAGE	11 OF 36

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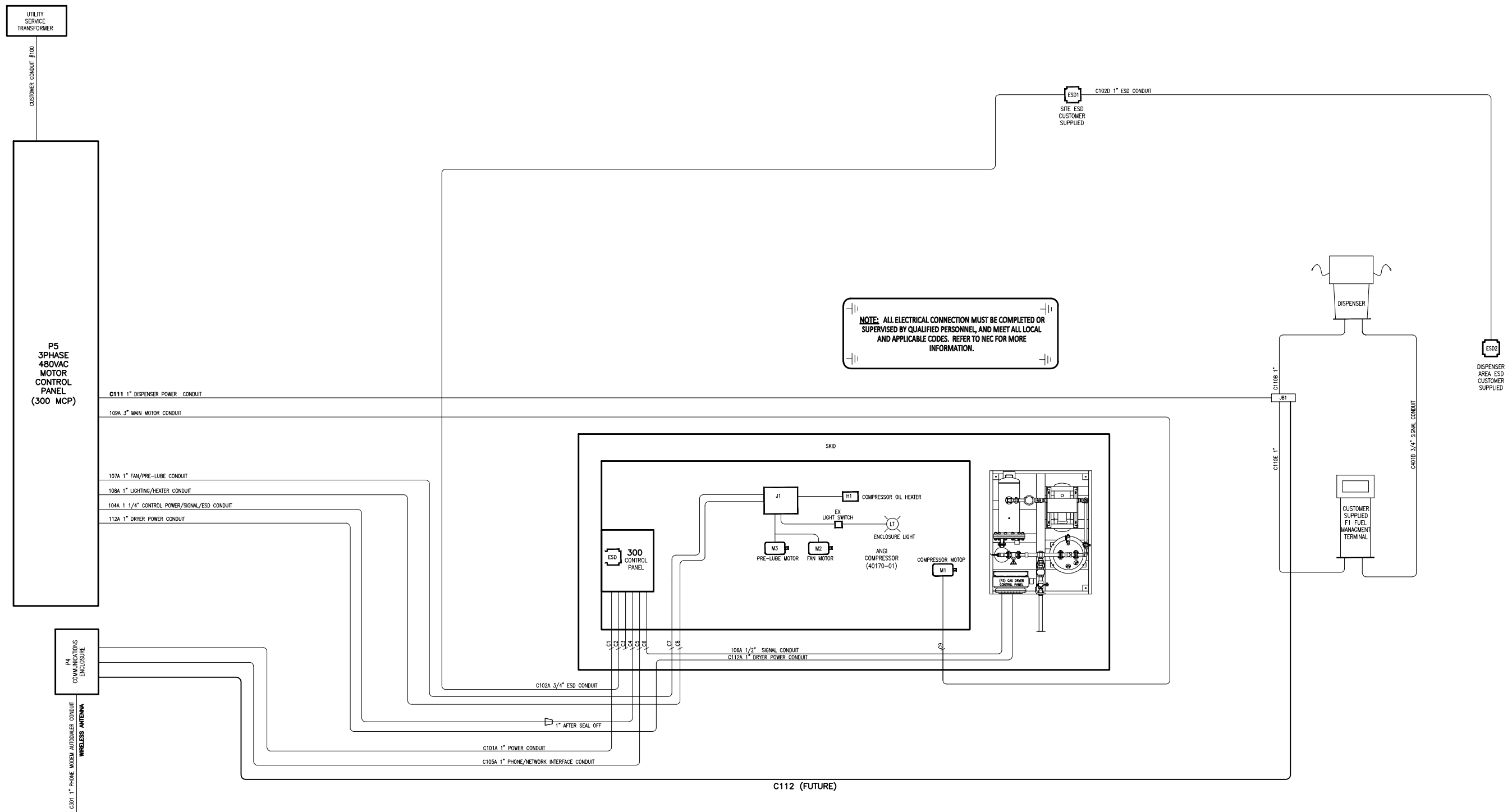
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WORK ORDER:	PART: -	
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NOTE: ALL WIRE AND CONDUIT RUNS ARE SIZED FOR DISTANCES UP TO 100 FT. CUSTOMER MUST RE-SIZE WIRE AND CONDUIT TO ACCOMMODATE GREATER DISTANCES.



NOTE: ALL ELECTRICAL CONNECTION MUST BE COMPLETED OR SUPERVISED BY QUALIFIED PERSONNEL, AND MEET ALL LOCAL AND APPLICABLE CODES. REFER TO NEC FOR MORE INFORMATION.



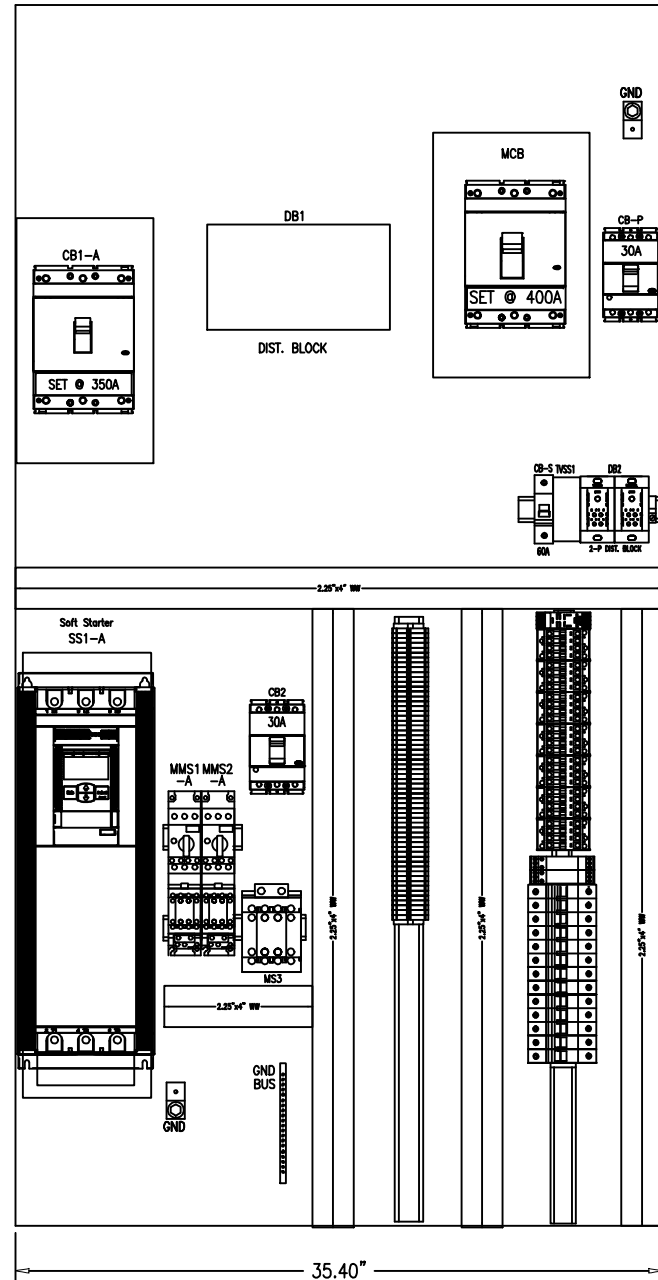
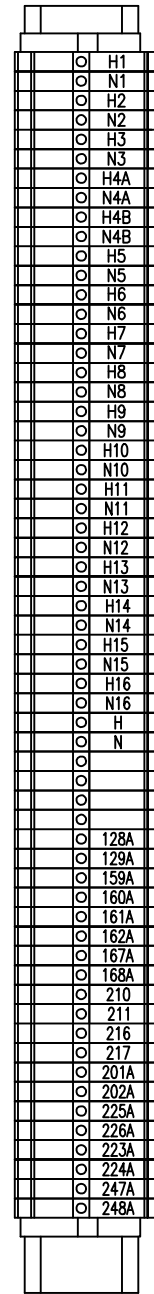
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MODEL:	SEQUENCE	DATE
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SERIAL NO.:	PART:	
WORK ORDER:	DWG. NO.	KGS TOPEKA E9 INTERCONNECT DETAILS
MATERIAL:		PAGE
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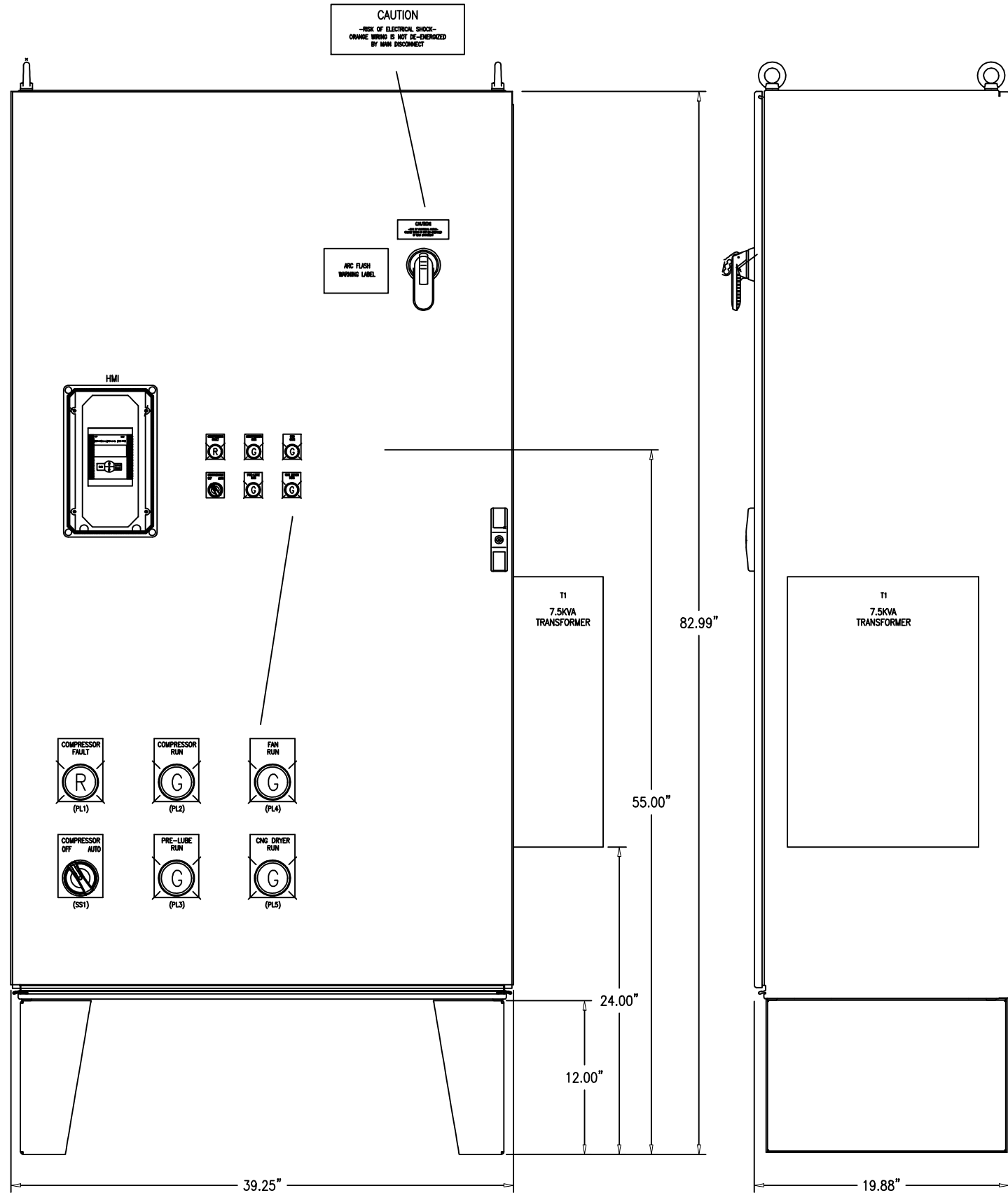
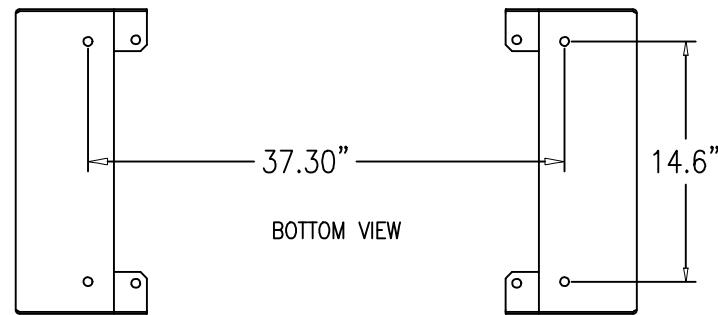
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C112 (FUTURE)

TERMINAL STRIP
DETAILS



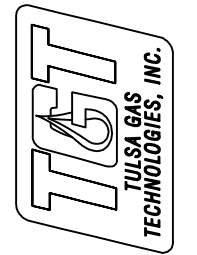
- CR1
- CR2
- CR3
- CR4
- CR5
- CR6
- CR7
- CR8
- TVSS2
- TVSS3
- CB3 15 AMP
- CB4 15 AMP
- CB5 15 AMP
- CB6 15 AMP
- CB7 15 AMP
- CB8 15 AMP
- CB9 15 AMP
- CB10 15 AMP
- CB11 15 AMP
- CB12 15 AMP
- CB13 15 AMP
- CB14 15 AMP
- CB15 5 AMP

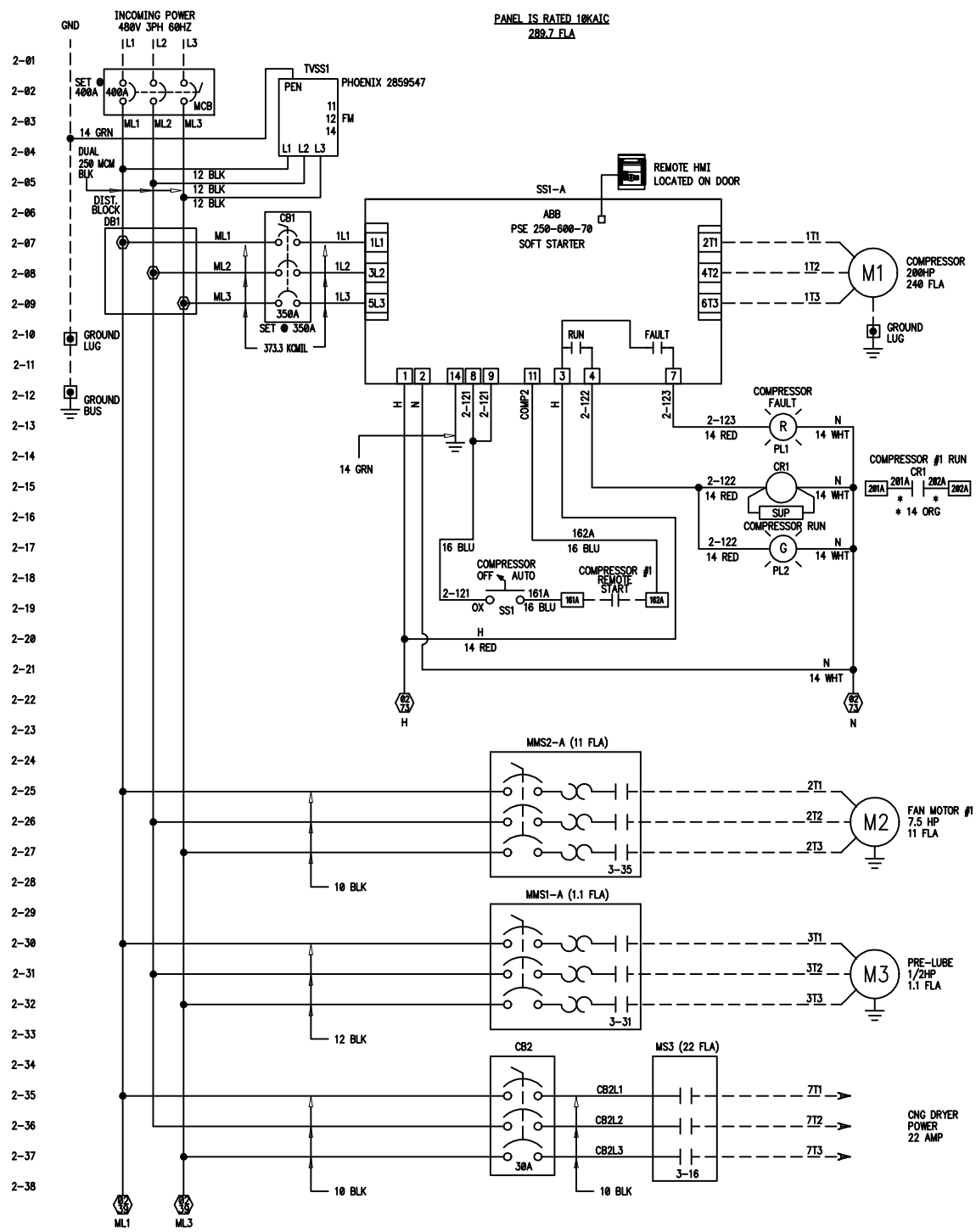


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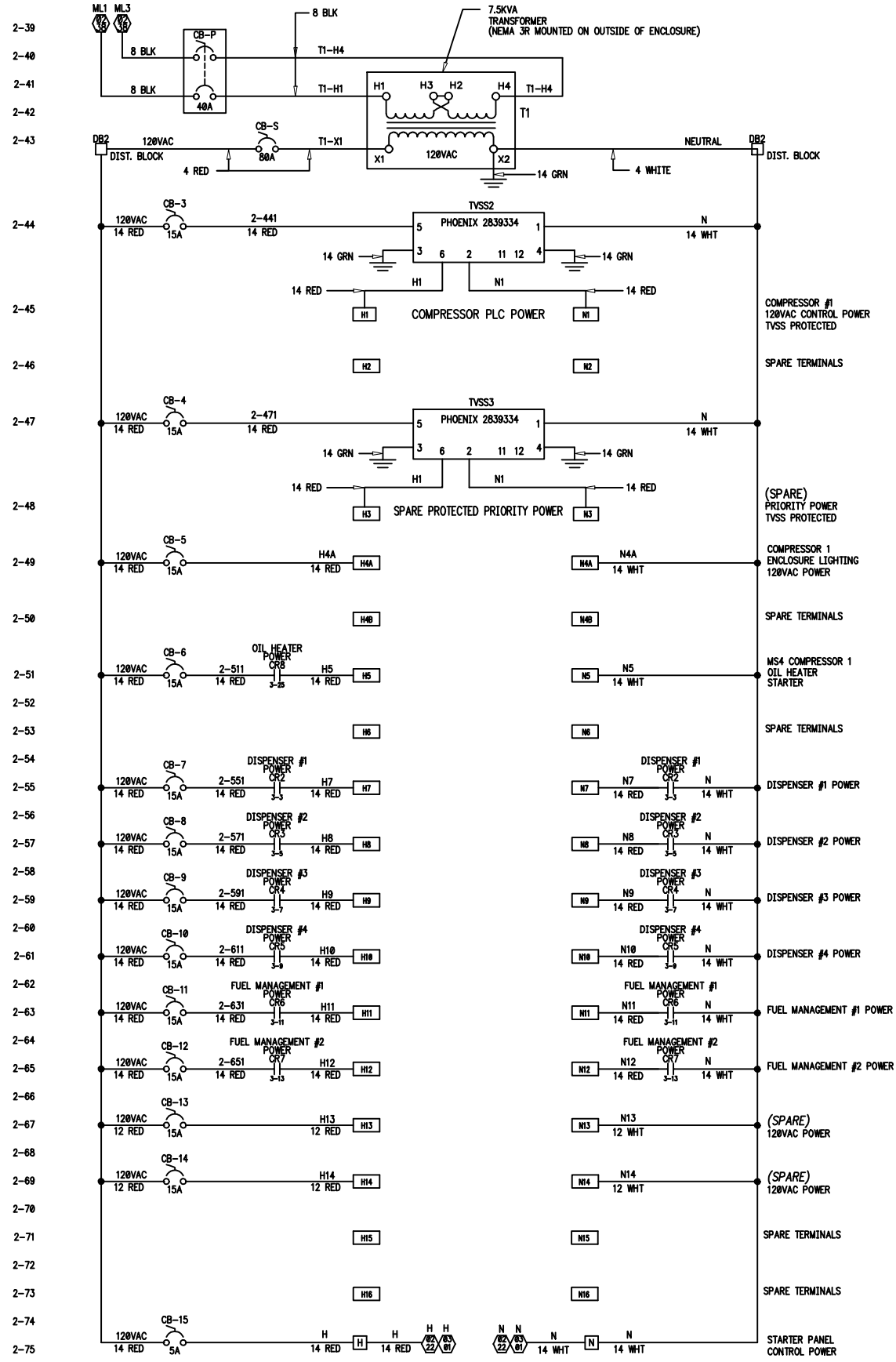
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WORK ORDER:	-	DWG. NO.	KGS TOPEKA E12
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DATE	05-06-20
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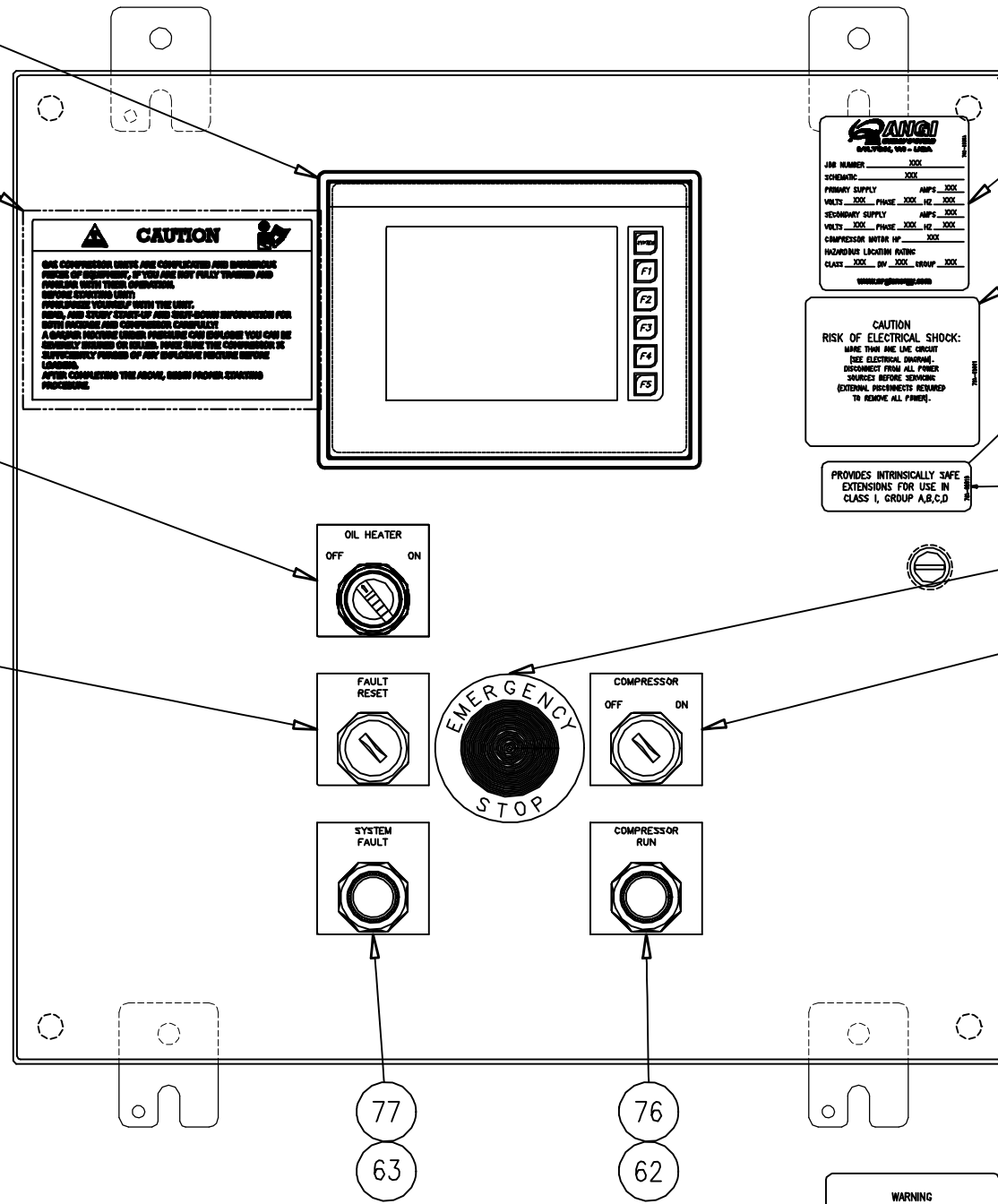
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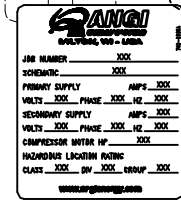
18

56 73 72

66 73 69



FOR REFERENCE ONLY



CAUTION
RISK OF ELECTRICAL SHOCK:
MAKE SURE THE LINE CIRCUIT HAS ELECTRICAL SHOCKING SOURCES BEFORE REMOVING EXTERNAL DISCONNECTS REQUIRED TO REMOVE ALL POWER.

PROVIDES INTRINSICALLY SAFE EXTENSIONS FOR USE IN CLASS I, GROUP A,B,C,D

PROVIDES INTRINSICALLY SAFE EXTENSIONS FOR USE IN CLASS I, GROUP A,B,C,D

WARNING
-EXPLOSIVE HAZARD-
DO NOT REPLACE FUSE UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NON-HAZARDOUS.

-FIRE HAZARD-
REPLACE ONLY WITH SAME TYPE AND SIZE FUSES.

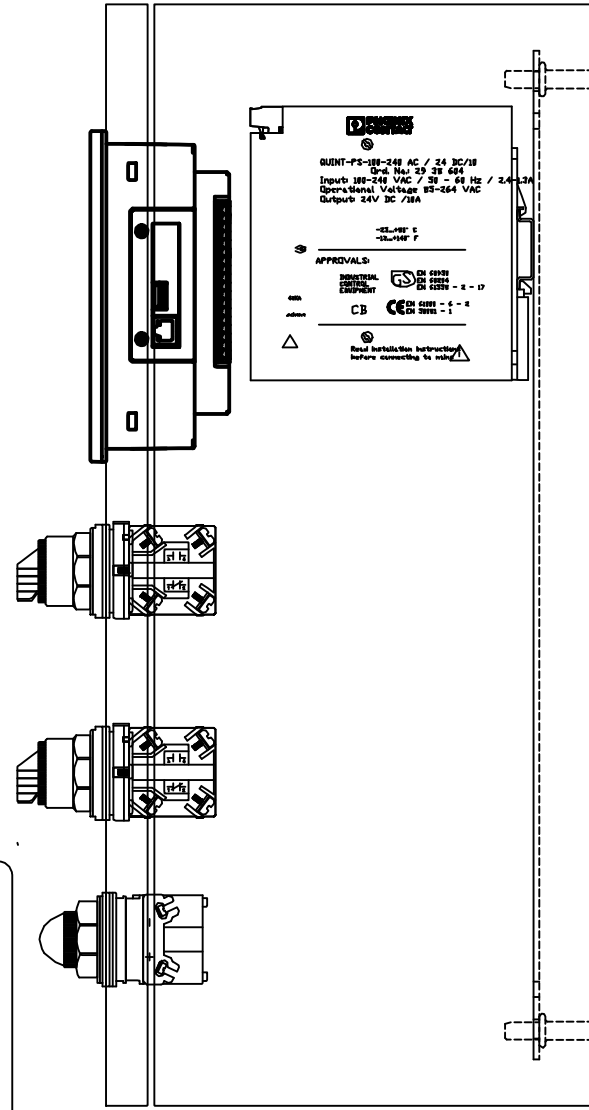
ENLARGED (2x)

INSTALL THIS TAG NEXT TO FUSE CHART INSIDE ENCLOSURE DOOR (TO MEET U.L. REQUIREMENT)

WARNING
-EXPLOSIVE HAZARD-
DO NOT REPLACE FUSE UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NON-HAZARDOUS.

-FIRE HAZARD-
REPLACE ONLY WITH SAME TYPE AND SIZE FUSES.

58



20

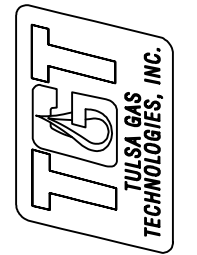
CIRCUIT PROTECTION AND DISCONNECTS PROVIDED BY OTHERS

CIRCUIT PROTECTION AND DISCONNECTS PROVIDED BY OTHERS

ENLARGED (2x)
INSTALL THIS TAG INSIDE ENCLOSURE DOOR (TO MEET U.L. REQUIREMENT)

MODEL:	DRAWN BY: MB	DATE
SEQUENCE: -	CHECKED BY: -	05-06-20
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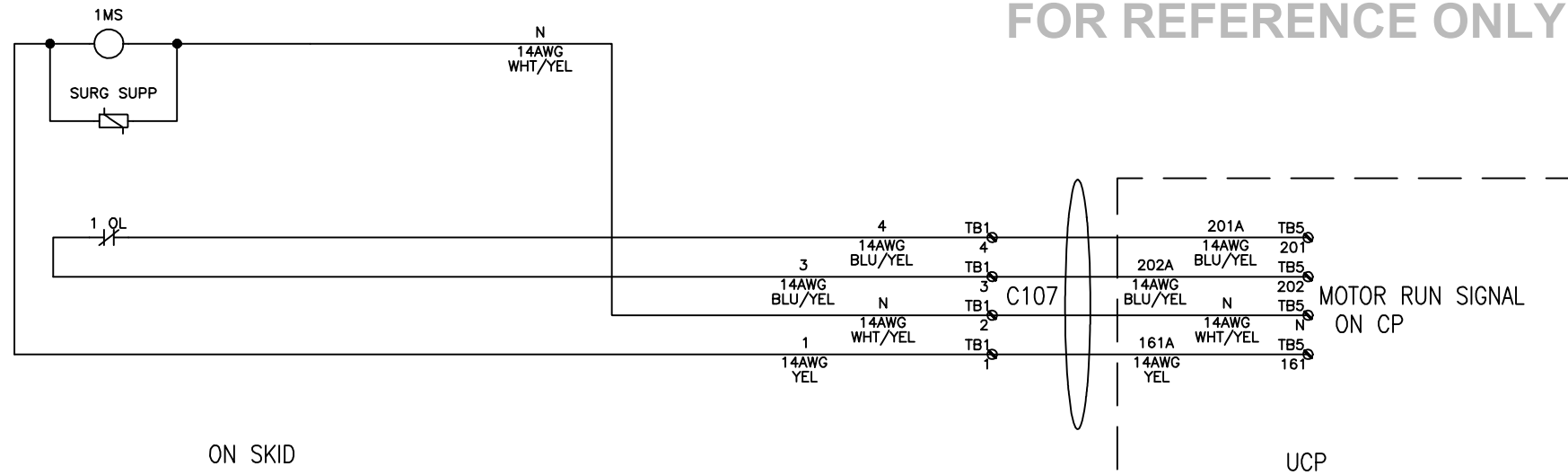


- 1 01
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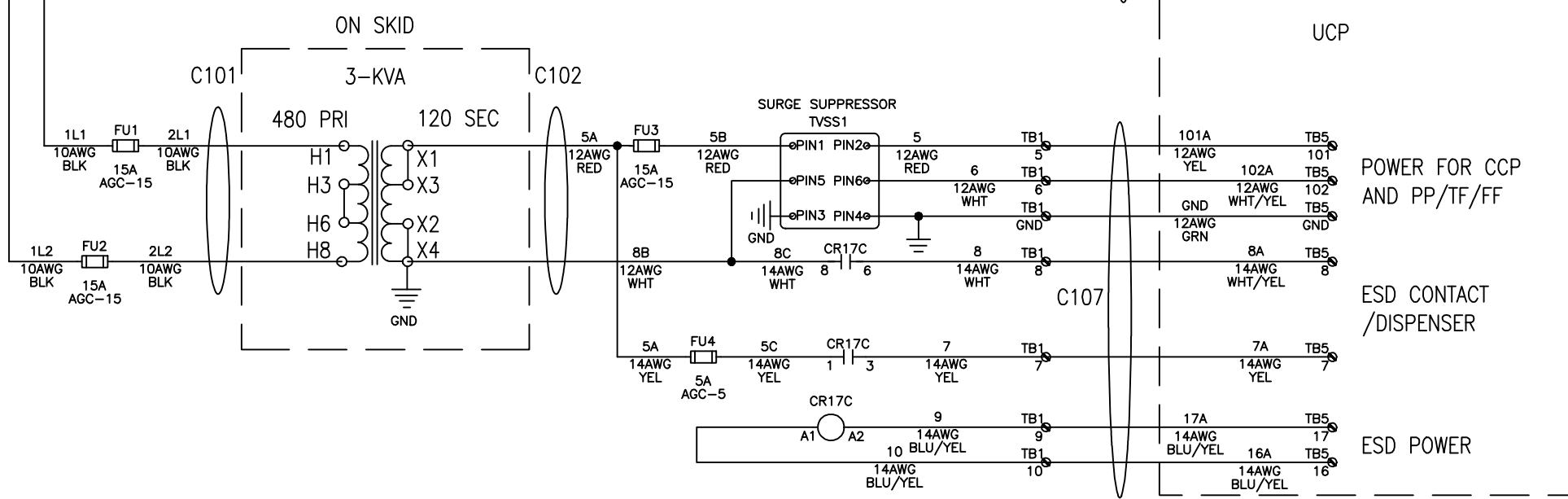


COMPRESSOR MOTOR
 50 HP (MAX)
 3 Ø 460 VAC 60Hz
 65 FL Amps (Max)
 1770 RPM

FOR REFERENCE ONLY



MOTOR RUN SIGNAL ON CP



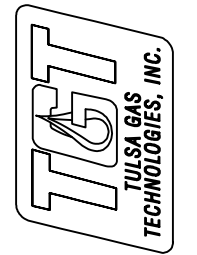
POWER FOR CCP AND PP/TF/FF

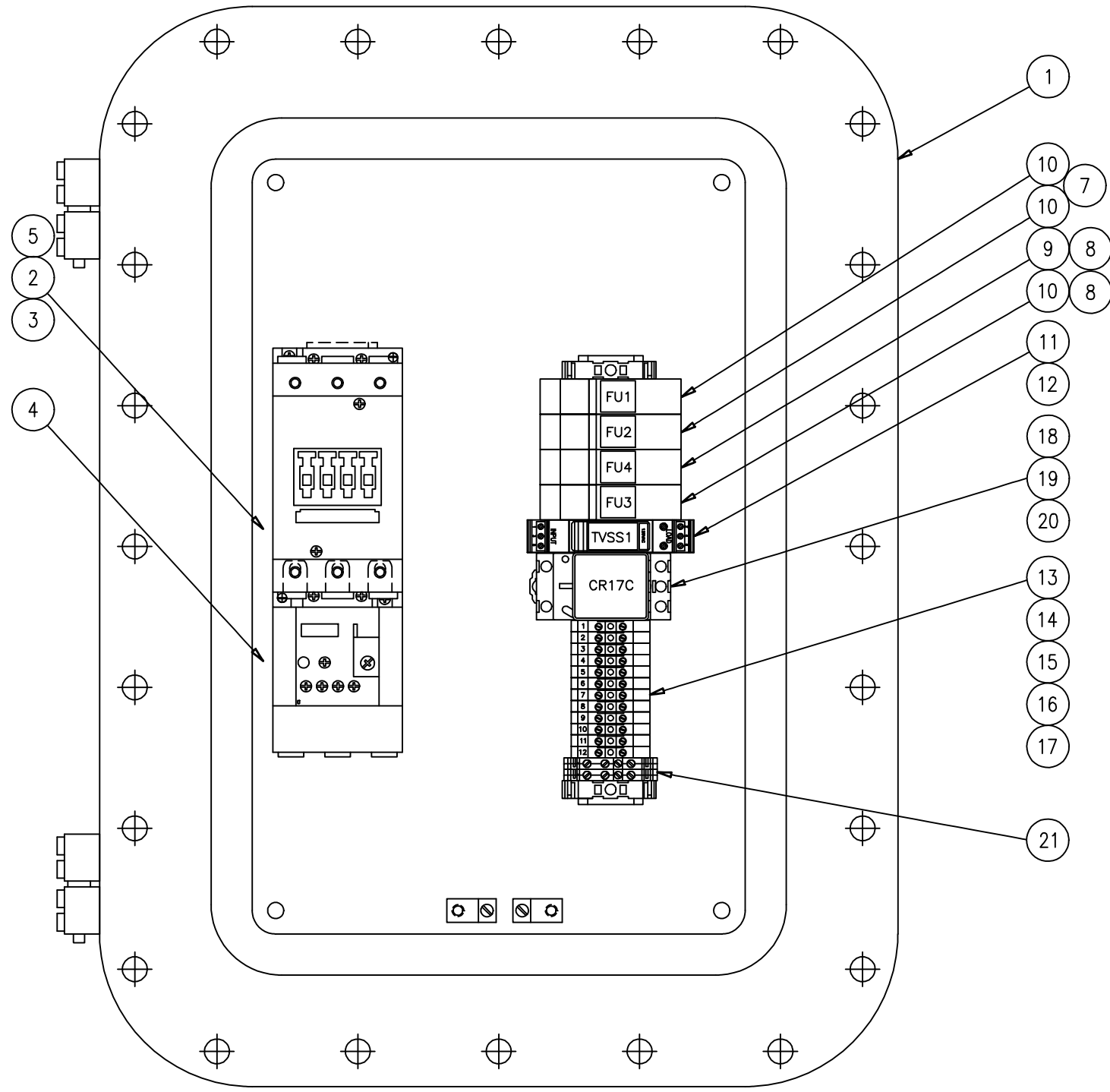
ESD CONTACT /DISPENSER

ESD POWER

MODEL:	SEQUENCE	PROGRAM	SERIAL NO.:	WORK ORDER:	MATERIAL:
	-	-	-	-	-
DATE	05-06-20				
DRAWN BY:	MB				
CHECKED BY:	-				
APPROVED BY:	-				
PART:	-				
DWG. NO.	KGS TOPEKA E16				
PAGE	21				

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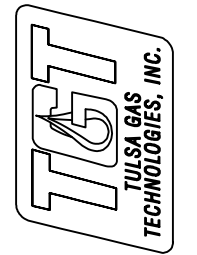


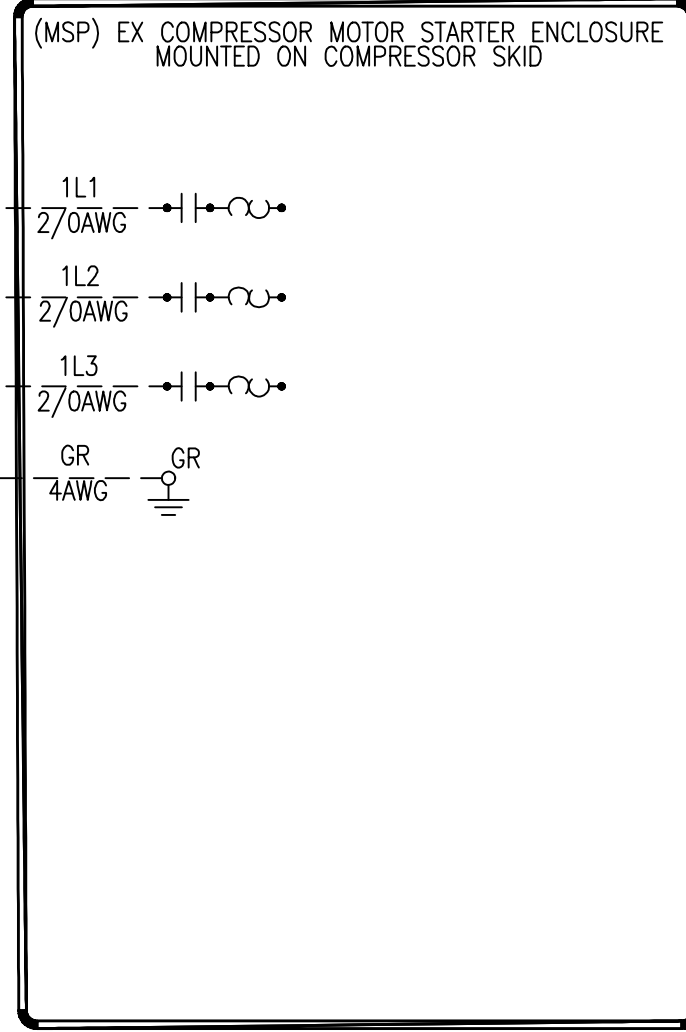
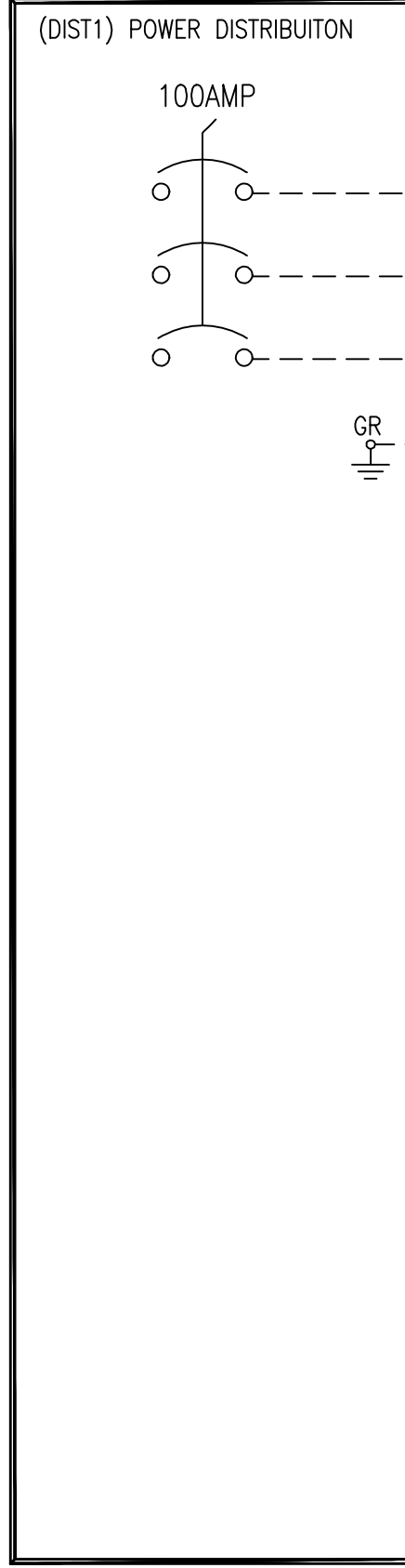
NO.	QTY.	PART NUMBER	DESCRIPTION	LENGTH
1	1	920-07724	18H X 12W X 8D EXPF ENCLOSURE	
2	1	400-07311	CONTACTOR-75HP SIEMENS	
3	1	490-07237	CONTACT-N.O. AUX SIEMENS	
4	1	491-07245	RELAY-OVERLOAD SIEMENS 45-63A	
5	1	400-07903	SURGE SUPPRESSOR	
6	1	401-07229	TRANSFORMER 3KVA	
7	1	441-07258	FUSE HOLDER 2 POLE 30A	
8	2	441-07236	FUSE HOLDER 1 POLE 30A	
9	1	440-07235	FUSE 5A CLASS CC	
10	3	441-07239	FUSE 15A CLASS CC	
11	1	400-07672	ARRESTER-SURGE 120V DIN 20AMP	
12	1	400-07674	BASE-SURGE ARRESTER PHOENIX	
13	9.5	FC 432-07257	RAIL-DIN 35mm ALUM 1M	9.50"
14	12	FC 432-07319	TERMINAL BLK-UK5N 41AMP 800V	
15	1	FC 432-07321	TERMINAL-END COVER UK5N	
16	2	FC 432-07245	TERMINAL BLOCK-END CLAMP,DIN	
17	1	FC 432-07375	TERMINAL MARKER-UC-TM 6 UNPRINTED	
18	1	492-07235	BASE RELAY MAGNECRAFT H SEALED	
19	1	490-07351	RELAY-24V DPDT MAGNECRAFT	
20	1	200-07282	CLIP RELAY RETAINING MAGNECRAFT 750S	
21	2	FC 432-07256	TERMINAL BLK-GROUND DIN RAIL	

FOR REFERENCE ONLY

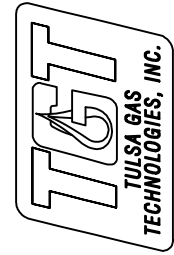
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	-	-	-	-	-	MB	-	-	-	KGS TOPEKA E17	05-06-20
G:\STATION SITE PLANS\KGS TOPEKA 112 NE MADISON ST											

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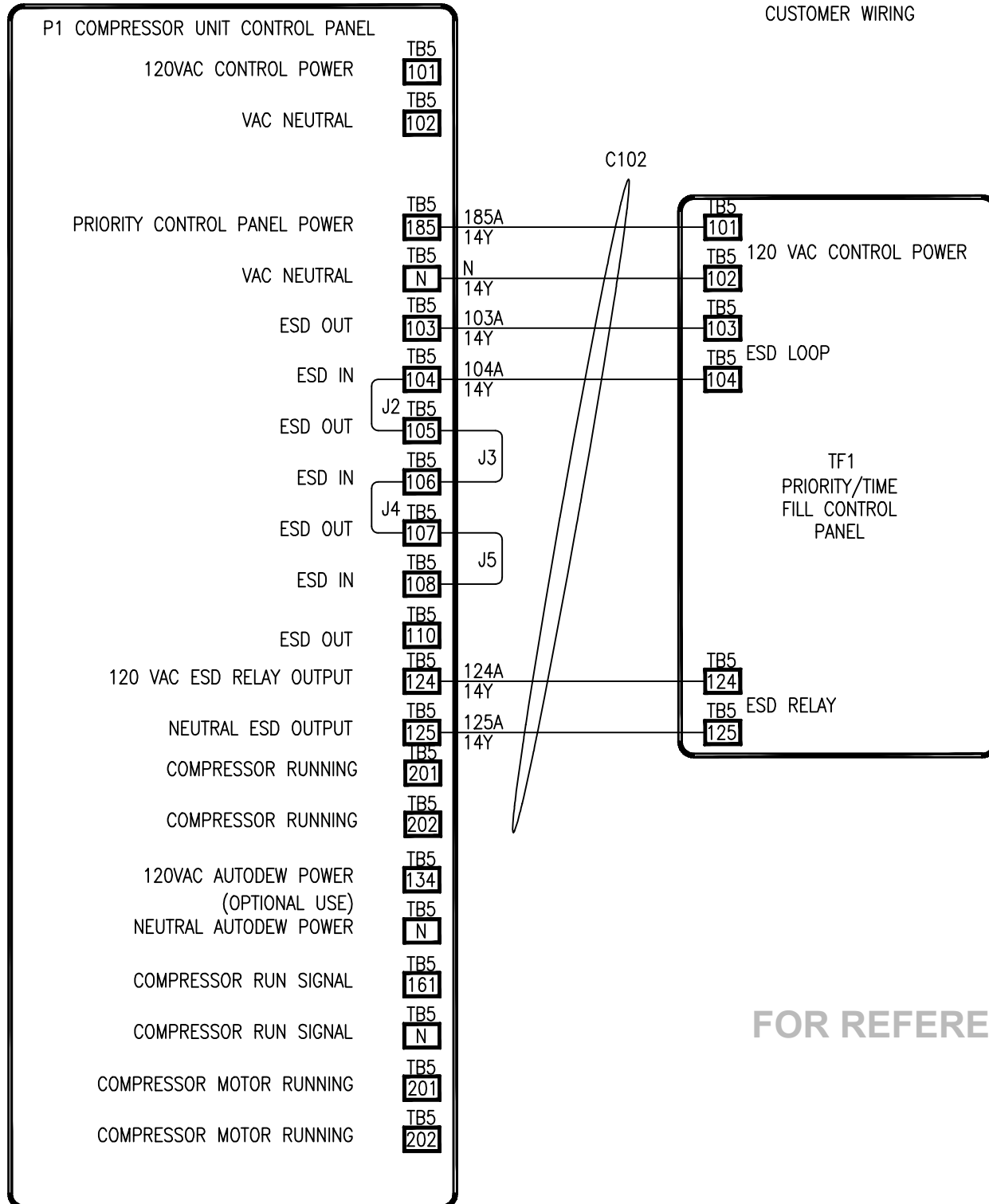


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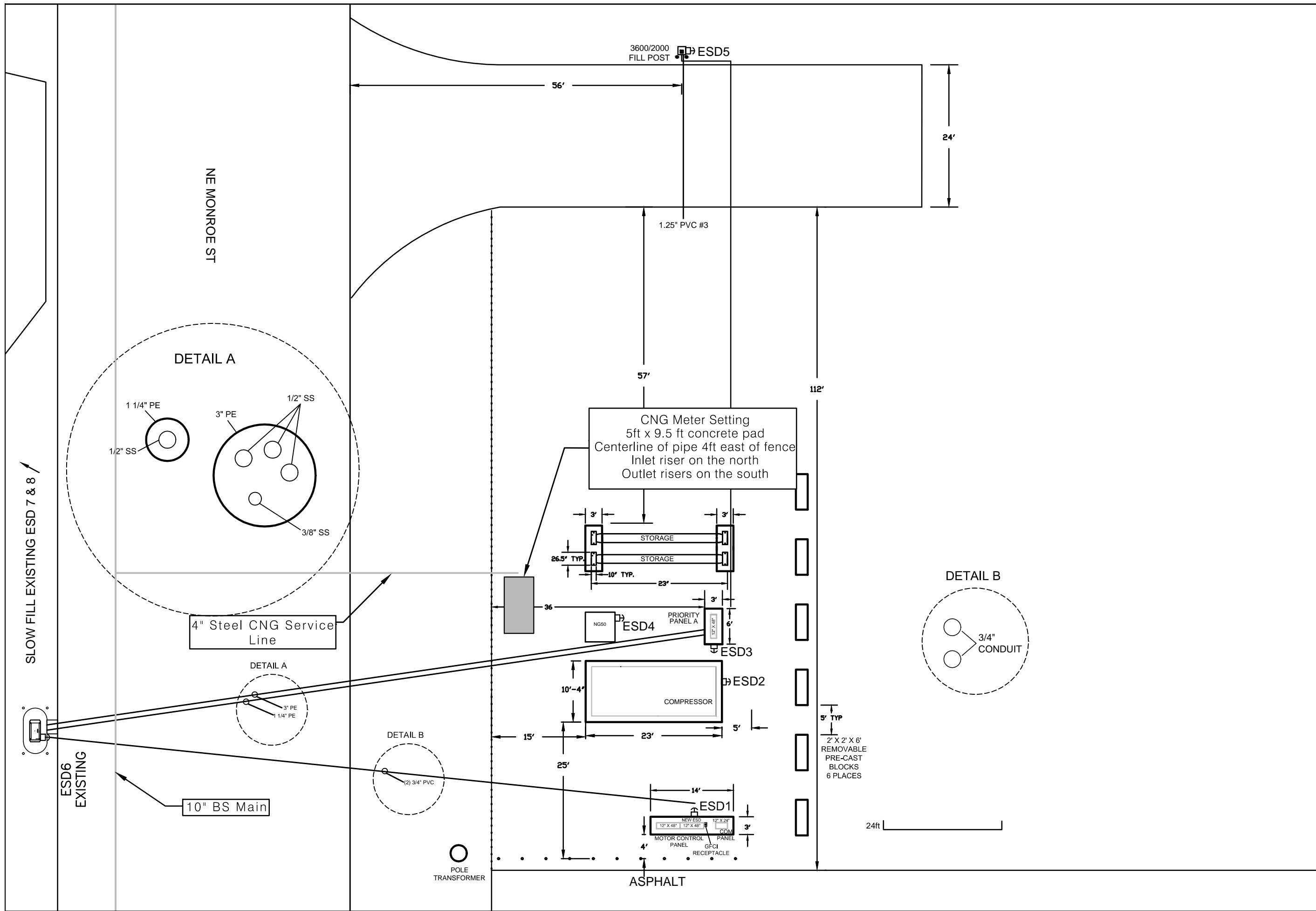
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SEQUENCE	-	CHECKED BY:	-	05-06-20
PROGRAM:	-	APPROVED BY:	-	
SERIAL NO.:	-	PART:	-	
WORK ORDER:	-	DWG. NO.	KGS TOPEKA E18	
MATERIAL:	-			PAGE
G:\STATION SITE PLANS\KGS TOPEKA 112 NE MADISON ST				23 OF 36



FOR REFERENCE ONLY

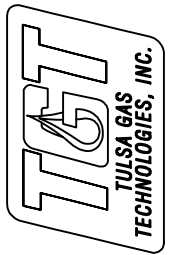
NOTE: PROPER GROUNDING AND BONDING ARE NECESSARY FOR THIS EQUIPMENT TO PERFORM AS DESIGNED. ELECTRICAL CONNECTIONS MUST BE COMPLETED OR SUPERVISED BY QUALIFIED PERSONNEL, AND MEET ALL LOCAL AND APPLICABLE CODES. REFER TO ARTICLE 250 OF THE 2005 NEC FOR MORE INFORMATION.

DRAWN BY: MB		DATE
MODEL:	CHECKED BY: -	05-06-20
SEQUENCE -	APPROVED BY: -	
PROGRAM: -	PART: -	
SERIAL NO.: -	DWG. NO. KGS TOPEKA E19	
WORK ORDER: -		PAGE
MATERIAL: -		24 OF 36
G:\STATION SITE PLANS\KGS TOPEKA 112 NE MADISON ST		
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MODEL:	SEQUENCE	PROGRAM:	SERIAL NO.:	WORK ORDER:	MATERIAL:	DATE
	-	-	-	-	-	05-06-20

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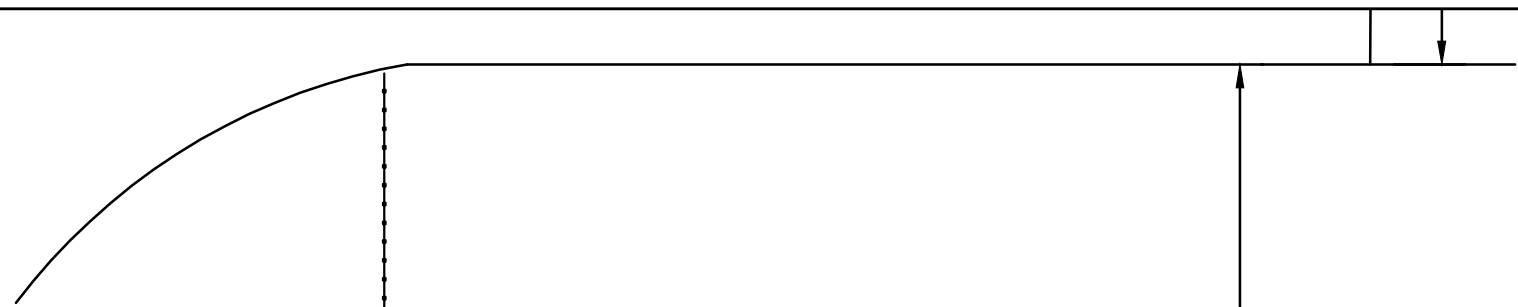


TGT
 TULSA GAS TECHNOLOGIES, INC.

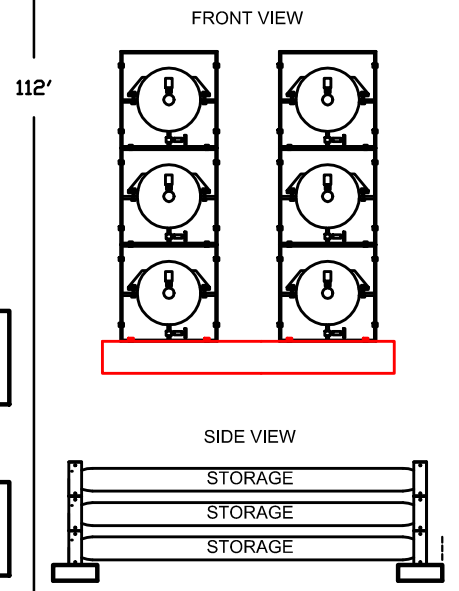
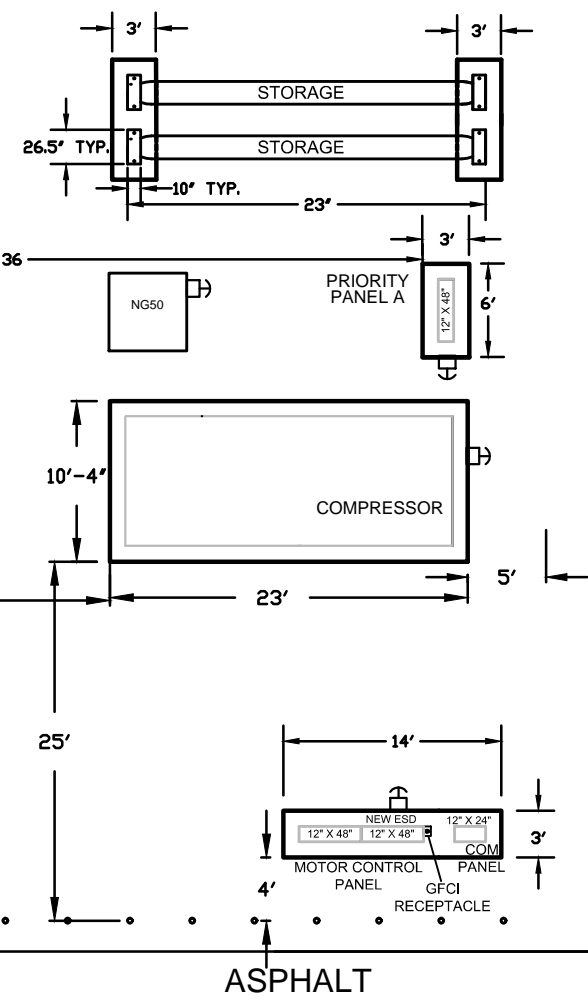
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 SEQUENCE: —
 PROGRAM: —
 SERIAL NO.: —
 WORK ORDER: —
 MATERIAL: —

DRAWN BY: MB
 CHECKED BY: —
 APPROVED BY: —
 PART: —
 DWG. NO. KGS TOPEKA S1 BORE PLAN
 PAGE 25 OF 36

C:\STATION SITE PLANS\KGS TOPEKA 112 NE MADISON ST



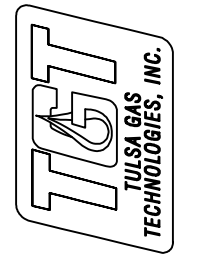
STORAGE LAYOUT

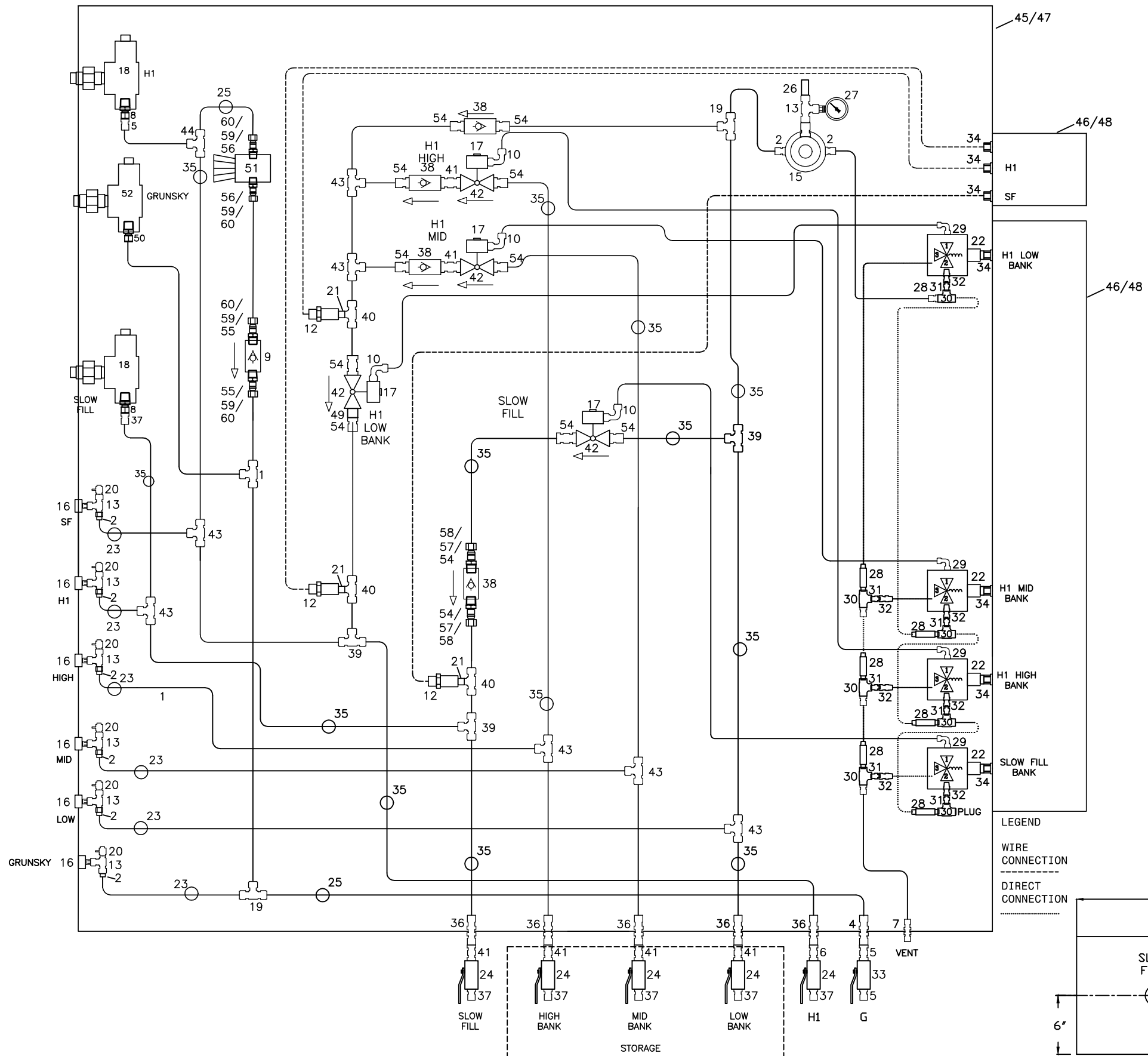


112'

MODEL:	SEQUENCE	PROGRAM	SERIAL NO.:	WORK ORDER:	MATERIAL:	DRAWN BY:	CHECKED BY:	APPROVED BY:	PART:	DWG. NO.	DATE
	-	-	-	-	-	MB	-	-	-	KGS TOPEKA S3 STORAGE LAYOUT	05-06-20

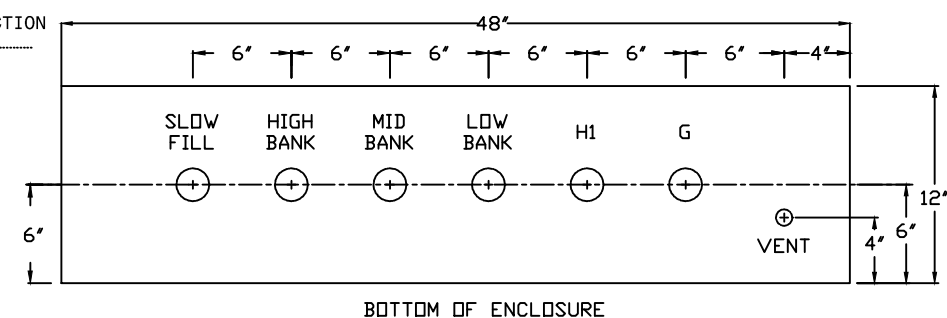
TULSA GAS TECHNOLOGIES, INC.
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 Tulsa, OK 74146
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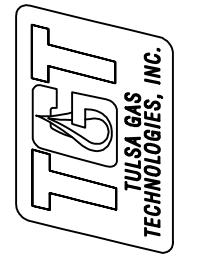
ITEM	QTY	PART #	DESCRIPTION	Cost
1	1	SS-600-3	3/8" Union Tee	
2	8	SS-400-1-4	1/4" Male connector	
3		SS-600-3TTM	3/8"x1/4" Male Branch Tee	
4	1	SS-600-61	3/8" Bulkhead Union	
5	2	SS-600-1-6	3/8" Male Connector	
6		SS-6-TA-1-6	3/8" Tube Adaptor	
7	1	SS-400-61	1/4" Bulkhead Union	
8	2	SS-810-1-12	1/2" x 3/4" Male Connector	
9		CV-203-4NSDN	3/8" Oasis Check Valve	
10	4	SS-400-2-4	1/4" Elbow	
11		SS-810-1-8	1/2" Male Connector	
12	3	Murphy Transducer	0-1000 Transducer	
13	6	SS-4-T	1/4" Tee	
14		BV703-4N6	3/8" Oasis Ball Valve w\Bi-torq actuator	
15	1	P39	Belgas regulator	
16	6	50230158	TGT Pressure Gauge, 6000# w\mount	
17	4	ASP-18V	1/8" Breather Caps	
18	2	14-22B7112K1	Mercer Relief Valvee 4500#	
19	2	SS-600-3-4-6	3/8" x 1/4" reducing Union	
20	6	4M-BV4-SS	Parker Bleeder 1/4"	
21	3	SS-4-HN	1/4" Hex nipple	
22	4	EF8201G034	24VDC Asco Redhat 3-way Valve	
23		1/4" tubing	1/4" Tubing	
24	5	BV704-4N6SDDN	1/2" Oasis Ball Valve	
25		3/8" .049 Tubing	3/8" .049 SS Tubing	
26	1	KSV 10-2-150	Kingston Relief Valve, 150#	
27	1	0-300 gauge	Marsh pressure gauge 0-300	
28	7	5404-N-4-4x3	SS Long Nipple, 3"	
29	4	SS-400-2-2	1/4" x 1/8" Elbow	
30	7	1/4"-MMD-S	SS Tee	
31	7	4-4-FTX-S	1/4 NPT x 1/4 JIC Male	
32	7	4-4-F6X-S	1/4 NPT x 1/4 JIC Female	
33	1	BV703-4N6SDDN	3/8" Oasis Ball Valve	
34	7	Myers hub		
35		1/2" .065 SS	1/2" .065 SS tubing	
36	5	SS-810-61	1/2" Bulkead Union	
37	5	SS-810-1-8	1/2" Male Adaptor	
38	4	CV-204-ANDSN	1/2" Oasis Check Valve	
39	2	SS-810-3	1/2" Union Tee	
40	3	SS-810-3-4TTF	1/2" x 1/4" Female Branch Tee	
41	6	SS-8-TA-1-8	1/2" x 1/2" NPT Tube Adaptor	
42	4	BV704-4N6	1/2" Oasis Ball Valve w\ Bi-Torque actuator	
43	8	SS-810-3-8-4	1/2" x 1/4" Reducing Tee	
44	1	SS-810-3-6-6	1/2" x 3/8" Reducing Tee	
45	1	WA484812WF	Wiegmann Nema 12, 2 Door Enclosure	
46	2	N4-16128	Wiegmann Nema 4 Enclosure	
47	1	NPD4848	Wiegmann Panel	
48	2	NP1612	Wiegmann Panel	
49	1	TGT Orifice	TGT Orifice 1/2 x .060 orifice	
50	1	SS-600-1-12	3/8" x 3/4" Male Connector	
51	1	26-1014-24-005	Tescom Pressure Reducing regulator	
52	1	14-22B7112EXT	Mercer Relief Valvee 2500#	
53	0	SS-600-1-4	3/8" tube x 1/4" Male Connector	
54	12	8-8-FLO-SS	1/2" tube x 1/2" NPT Face Seal	
55	2	6-6-FLO-SS	3/8" x 3/8" NPT Face Seal	
56	2	6-FLO-SS	3/8" tube x 1/4" NPT Face Seal	
57	12	8-TPL-S	1/2" Par Flange Sleeve	
58	12	8-BL-SS	1/2" tube nut	
59	4	6-BL-SS	3/8" Tube nut	
60	4	6-TPL-S	3/8" Par Flange Sleeve	

LEGEND
 WIRE CONNECTION
 DIRECT CONNECTION

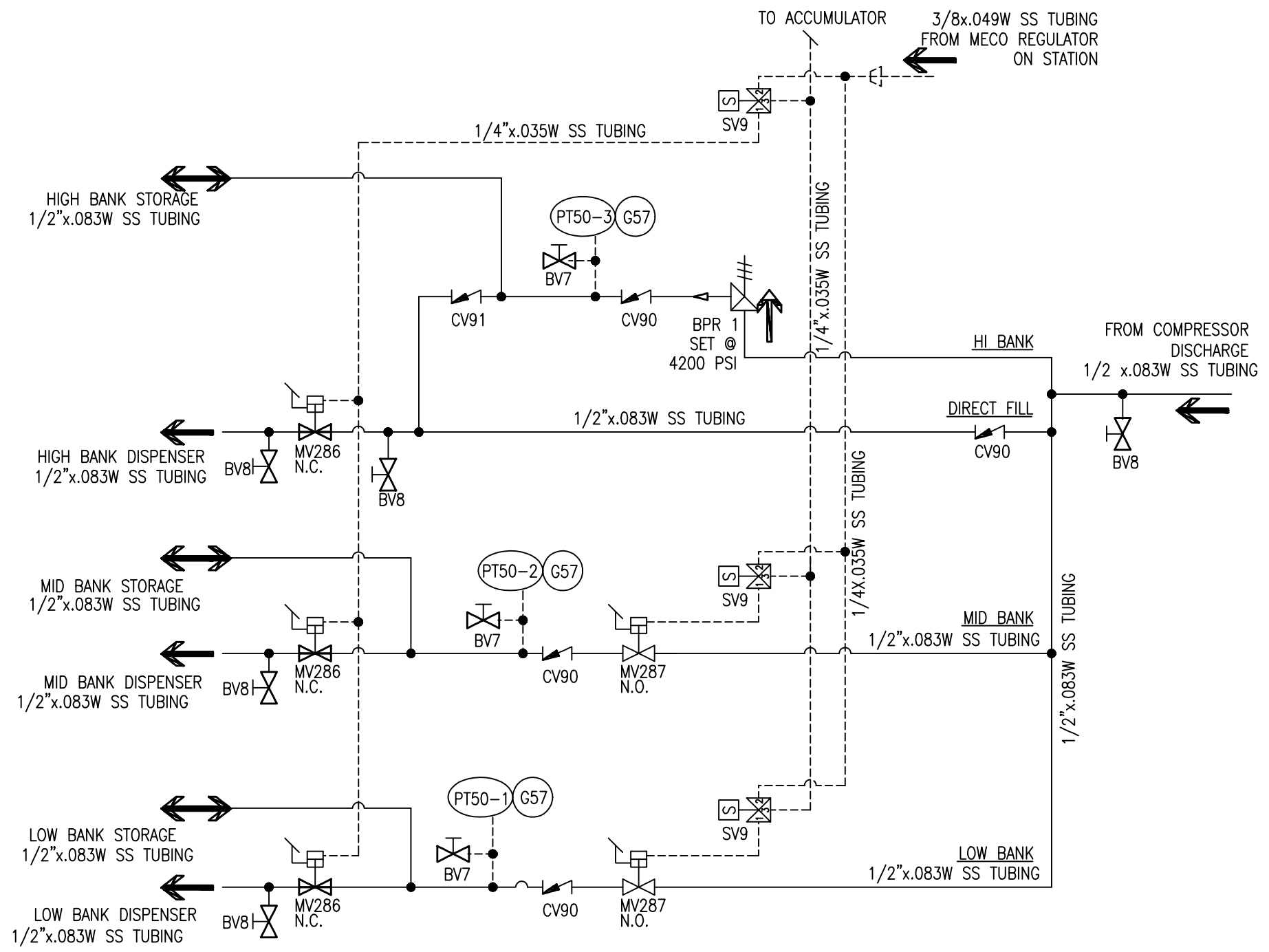


MODEL:	SEQUENCE	DATE	05-06-20
PROGRAM:	APPROVED BY:	DRAWN BY:	MB
SERIAL NO.:	PART:	CHECKED BY:	
WORK ORDER:	DWG. NO.	APPROVED BY:	
MATERIAL:	KGS TOPEKA M2 PLC Sequencing Panel		
	PAGE		29 OF 36

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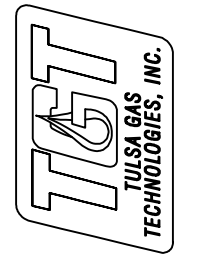


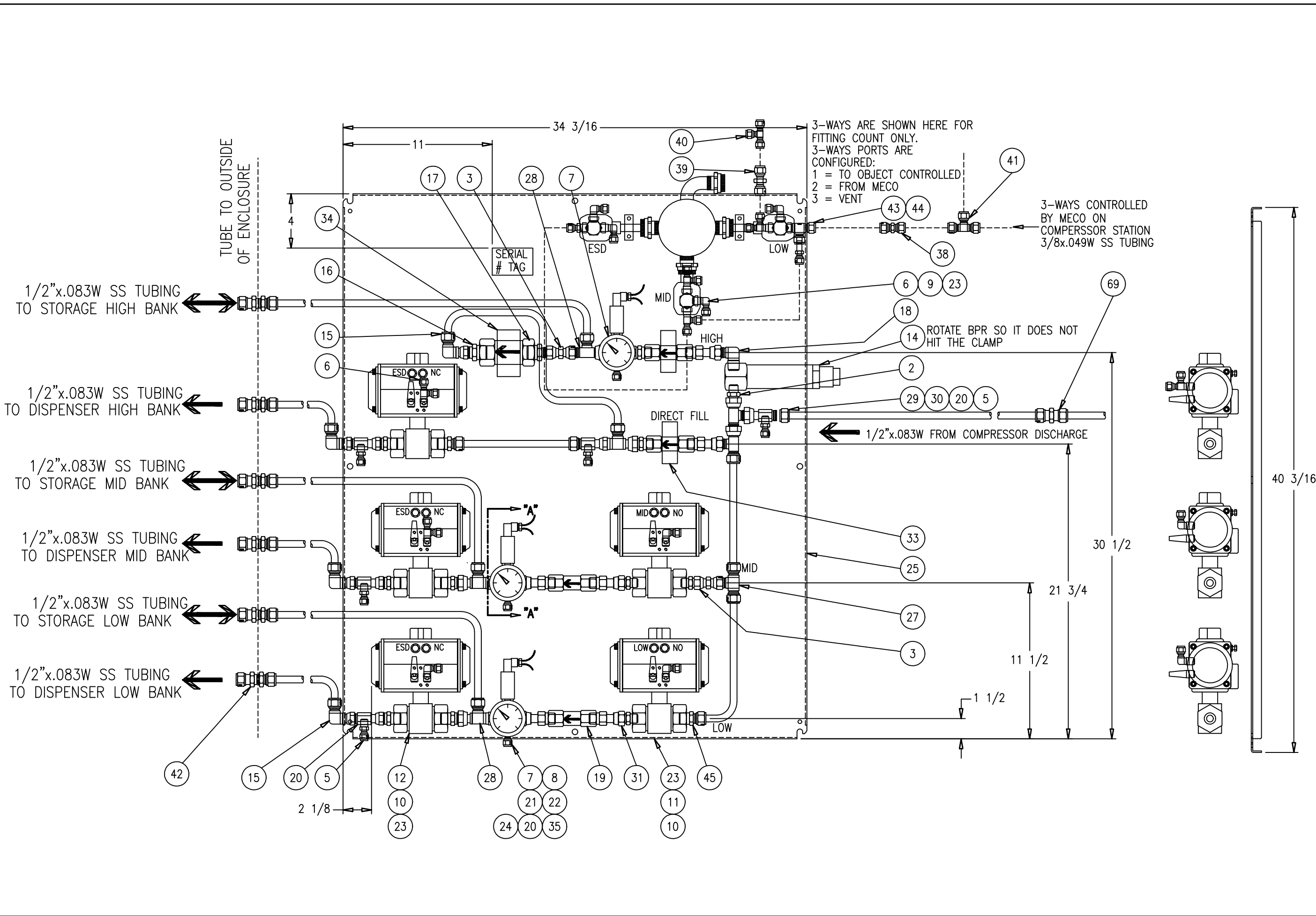
DESIGNATOR	PART NUMBER	DESCRIPTION
BPR 1	331-07289	REG-BACK PRESSURE 5000# 1/2 NPT CIRCLE SEAL
BV 7	330-07281	VALVE-PURGE 1/4 MNPT 6000# SS
BV 8	330-07312	VALVE-PURGE 1/4-20MSAE 6000# SS
CV 90	336-07319	VALVE-CHECK HOKE 1/2 FSAE (3/4-16FSAE/SAE-8)
CV 91	336-07320	VALVE-CHECK HOKE 3/4 FSAE(1-1/16-12FSAE/SAE-12)
G 57	741-07289	GAUGE-PRES 10,000#/B BM PM GF WIKA
MV 286	334-07496	VALVE/ACT-ASSY SVF SAE-8 F.P. 6000# N.C.
MV 287	334-07497	VALVE/ACT-ASSY SVF SAE-8 F.P. 6000# N.O.
PT 50	410-07282	TRANSD-AST 0-6000# IS/UL CL1 DIV2
SV 9	330-07243	VALVE-SOLENOID 3WY 1/4 150# 120V NC BRS UL



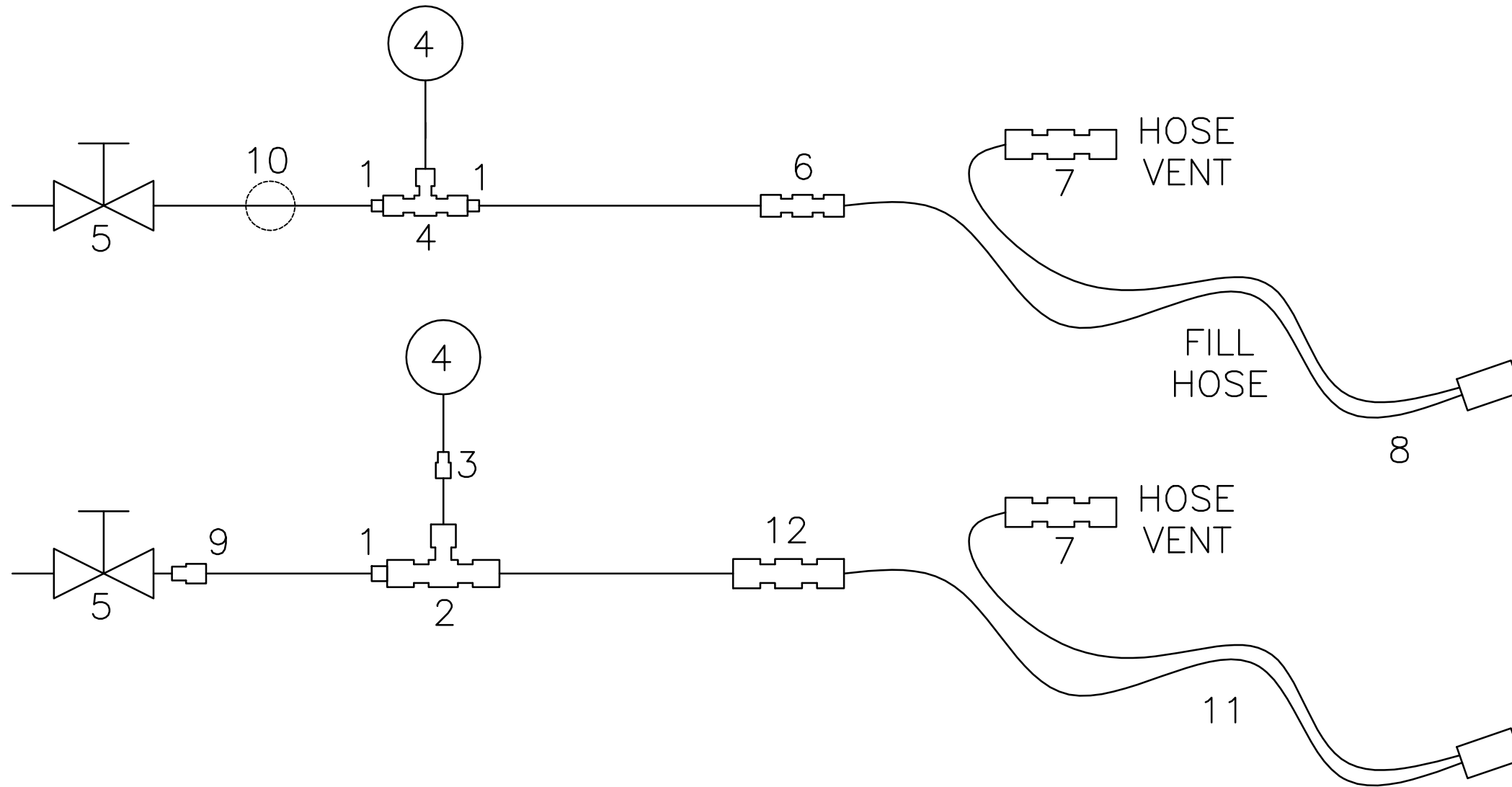
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SEQUENCE -	05-06-20
PROGRAM -	
SERIAL NO.: -	
WORK ORDER: -	
MATERIAL: -	
DRAWN BY: MB	
CHECKED BY: -	
APPROVED BY: -	
PART: -	
DWG. NO. KGS TOPEKA M3 NG300 PRIORITY PANEL	
	PAGE
	30 OF 36

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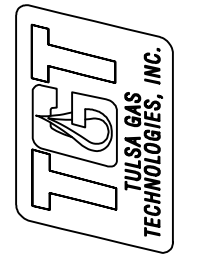
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APPROVED BY:	-	
PART:	-	
DWG. NO.	KGS TOPEKA M4 PRIORITY PANEL PART 2	
PAGE		31 OF 36
<p>TULSA GAS TECHNOLOGIES, INC. 4809 S. 101st E. Ave. Tulsa, OK 74146 918-665-2641 FAX: 918-665-2657</p>		
<p>G:\STATION SITE PLANS\KGS TOPEKA 112 NE MADISON ST</p>		

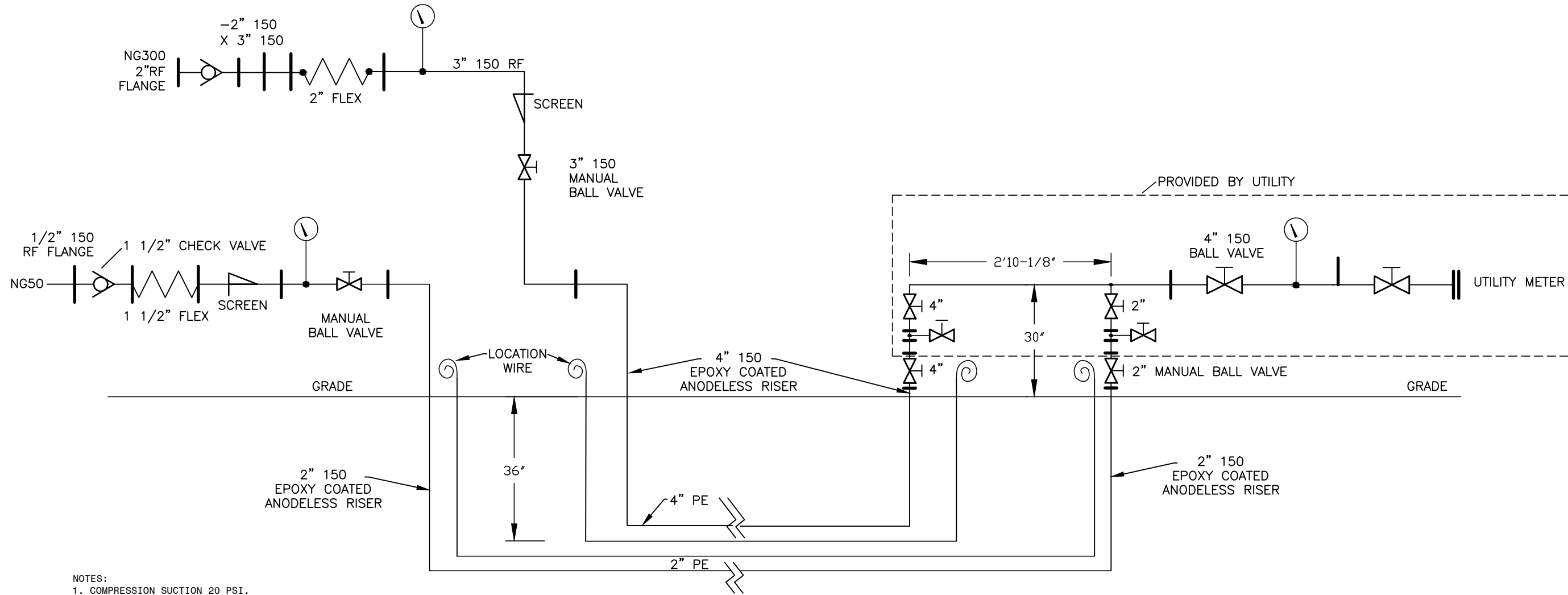


ITEM	QTY	PART NO.	MANUFACTURER	DESCRIPTION
1	2	SS-600-1-6	SWAGELOK	3/8 SL X 3/8 NPTM CONNECTOR
2	1	SS-800-3-8-4	SWAGELOK	1/2"X1/2"X1/4" REDUCING UNION TEE
3	1	SS-600-1-4	SWAGELOK	3/8 SL X 1/4" NPTM CONNECTOR
4	2	50230158	TGT	6000 PSI WIKA GAUGE
5	1	BV704-4N6LDDN	OASIS	1/2" BALL VALVE W 1/2 FNPT ENDS
6	1	TGT 8JIC-6 BH	TGT	3/8 SL X 1/2 JIC BULKHEAD TGT MADE
7	1	B-400-61-4AN	SWAGELOK	BRASS, 1/4XL X 1/4 AN BULKHEAD
8			TGT	HOSE ASSEMBLY
9	2	SS-810-1-8	SWAGELOK	1/2" MAIL CONNECTOR
10				3/8" X .049 TUBING
11	1			GRUNSKY HOSE
12	1			1/2" SS X 1/2" JIC BULKHEAD

MODEL:		DRAWN BY:	MB	DATE:	05-06-20
SEQUENCE:	-	CHECKED BY:	-		
PROGRAM:	-	APPROVED BY:	-		
SERIAL NO.:	-	PART:	-		
WORK ORDER:	-	DWG. NO.	KGS TOPEKA M5 GRUNSKY FILL	POS	P&ID
MATERIAL:	-			PAGE	32 OF 36

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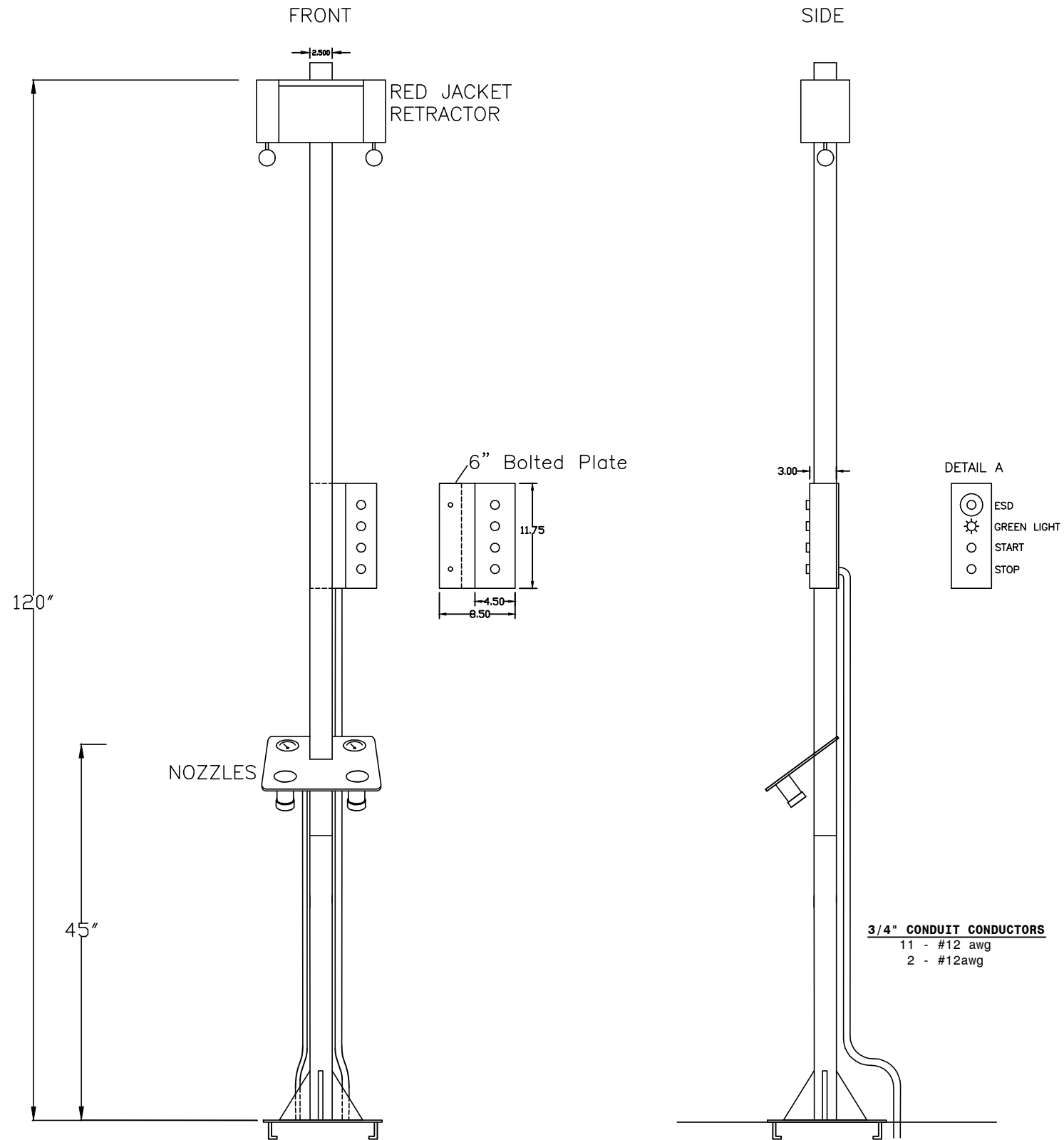
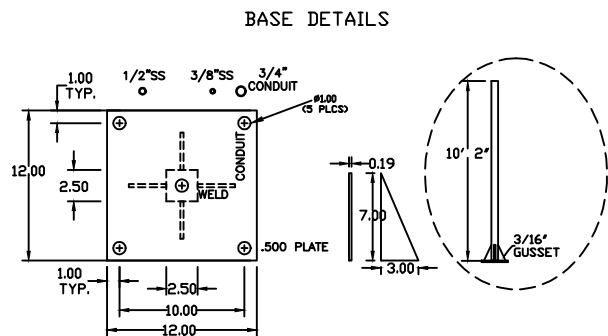
- NOTES:
1. COMPRESSION SUCTION 20 PSI.
 2. MAOP MUST BE AT MINIMUM 28 PSIG.
 3. AT MINIMUM PIPE MUST TEST TO 42 PSIG (1.5 TIMES THE MAOP.)
 4. ABOVE GRADE USE 4-1/2" SCHEDULE 40 STEEL
 5. BELOW GRADE PLASTIC MAOP OF MIN.28 PSI

MODEL:	SEQUENCE	DATE
PROGRAM:	PROVIDED BY UTILITY	05-06-20
SERIAL NO.:	APPROVED BY:	
WORK ORDER:	PART:	
MATERIAL:	DWG. NO.	LINE INLET
		PAGE

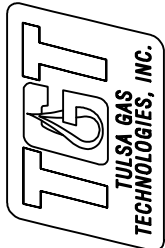
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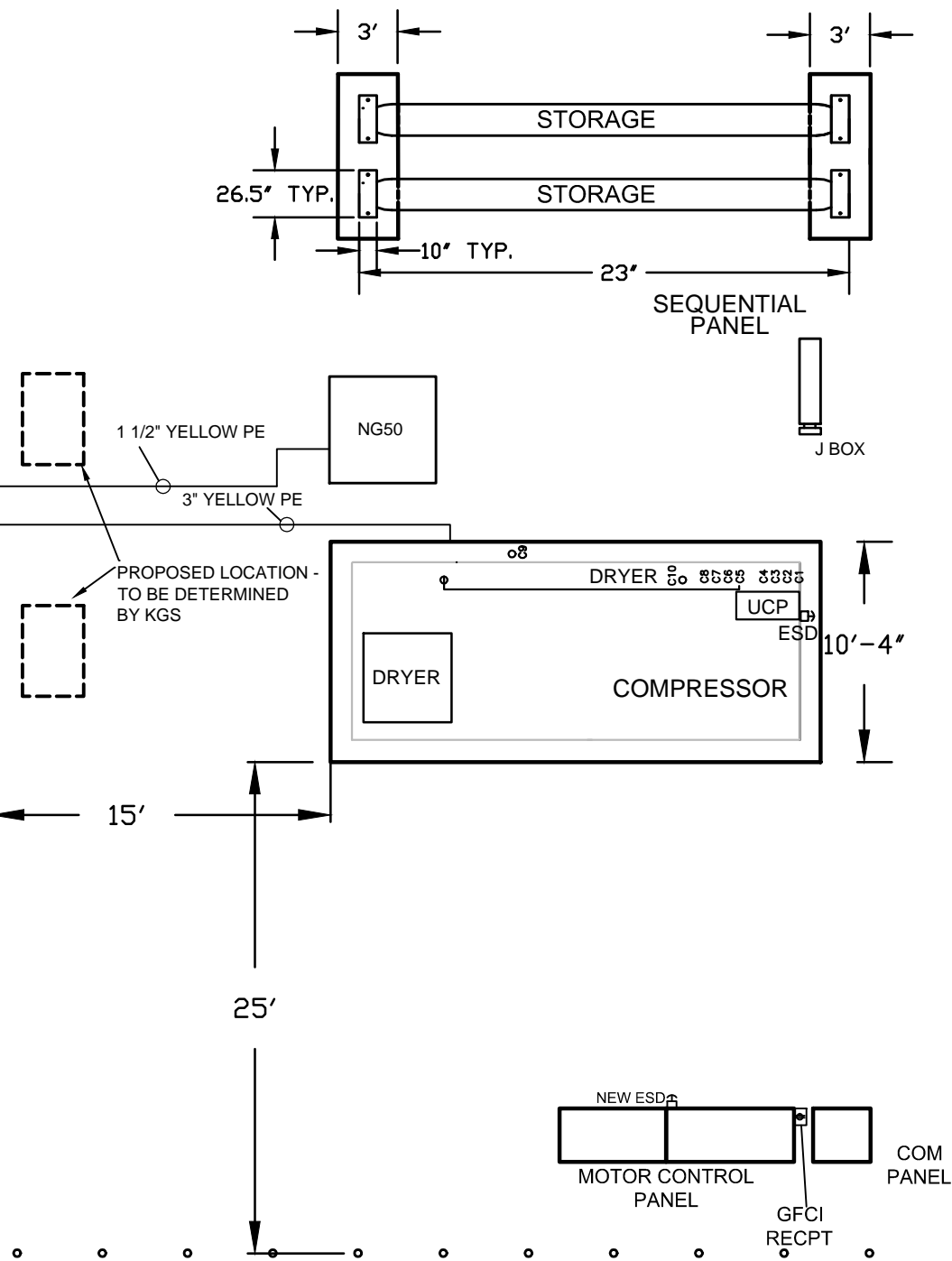


FILL POST WELDED TO
1/2" STEEL PLATE

<p>TULSA GAS TECHNOLOGIES, INC. 4809 S. 101st E. Ave. Tulsa, OK 74146 918-665-2641 FAX: 918-665-2657</p> 		<p>MODEL: -</p> <p>SEQUENCE: -</p> <p>PROGRAM: -</p> <p>SERIAL NO.: -</p> <p>WORK ORDER: -</p> <p>MATERIAL: -</p>	<p>DATE</p> <p>05-06-20</p>
<p>DRAWN BY: MB</p> <p>CHECKED BY: -</p> <p>APPROVED BY: -</p> <p>PART: -</p> <p>DWG. NO. KGS TOPEKA M6 GRUNSKY FILL POST 2</p> <p>PAGE</p> <p>34 OF 36</p>	<p>C:\STATION SITE PLANS\KGS TOPEKA 112 NE MADISON ST</p>		

POLE TRANSFORMER

TO GAS METER



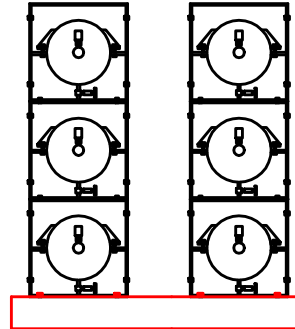
ASPHALT



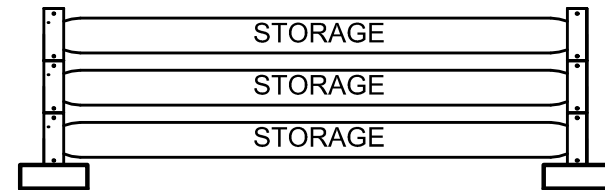
5' TYP
2' X 2' X 6'
REMOVABLE
PRE-CAST
BLOCKS
6 PLACES

24ft

FRONT VIEW



SIDE VIEW

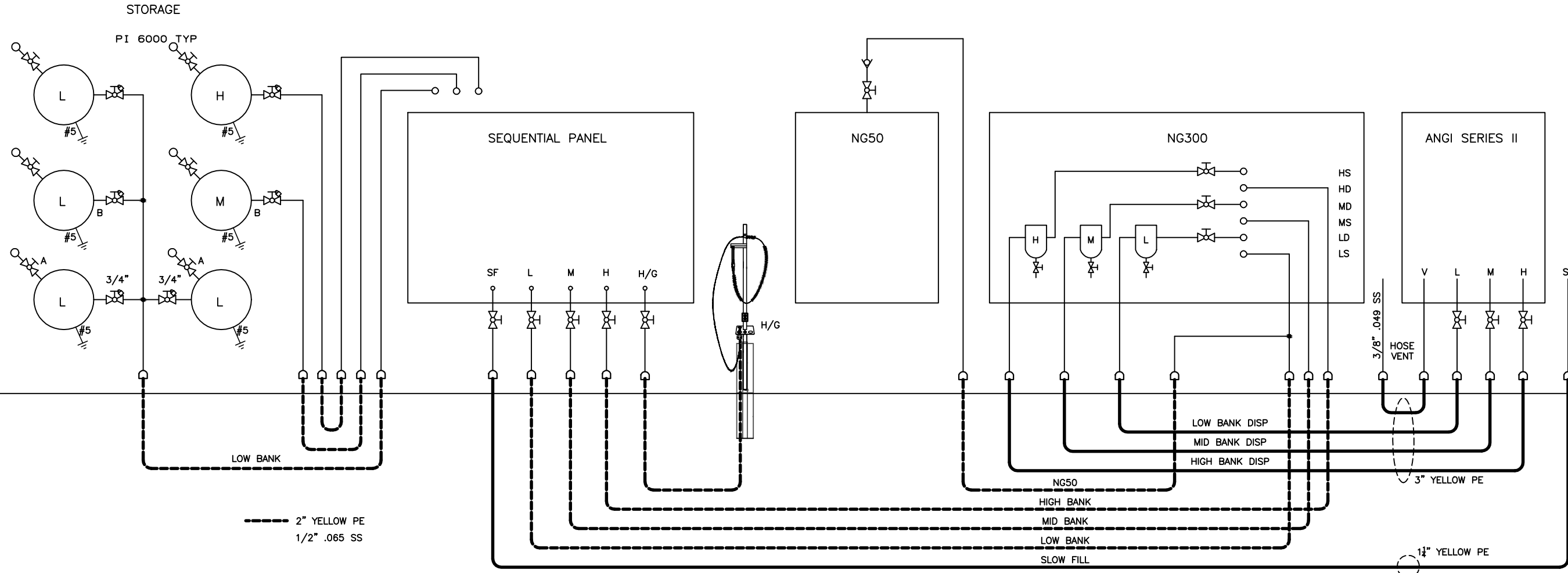


MODEL:	DRAWN BY: MB	DATE
SEQUENCE: -	CHECKED BY: -	05-06-20
PROGRAM: -	APPROVED BY: -	
SERIAL NO.: -	PART: -	
WORK ORDER: -	DWG. NO. KGS TOPEKA M8 UTILITY GAS LINE LOC.	
MATERIAL: -		PAGE
		35 OF 36

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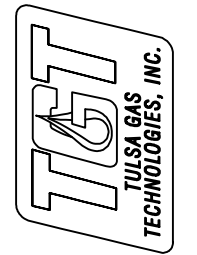
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- - - - 2" YELLOW PE
 1/2" .065 SS

MODEL:	DRAWN BY: MB	DATE
SEQUENCE: -	CHECKED BY: -	05-06-20
PROGRAM: -	APPROVED BY: -	
SERIAL NO.: -	PART: -	
WORK ORDER: -	DWG. NO. KGS TOPEKA M9 PIPE & VALVE	DIAGRAM
MATERIAL: -		PAGE
		36 OF 36

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