

QUESTIONS FOR  
LAKE COUNTY

1. Do existing concrete footings on chain paddle conveyor have to be completely excavated? Can they be filled and then capped?
  - a. **The footings can be filled and capped.**
2. On dome loading section 2.1 it states conveyor contractor to relocate power but later on it says supplied by others from control panel and to control panel. Can you please clarify?
  - a. **All work to be done the electrical contractor. Existing electrical panels are located on the east side of the salt dome as indicated on sheet A-200. These panels are to remain. The electrical contractor shall demo the power of the existing of the conveyor belt and bring a power from these panels to the new conveyor belt.**
3. Depending on the answer to question 2 if the contractor is required to move the power, can we run the power above ground in conduit above the door and around wall perimeter or does it need to be trenched in?
  - a. **It is ok to run power above ground and around the perimeter from the existing panels on the east side of the salt dome to the new conveyor belt panel.**
4. What amperage and voltage is currently available to chain paddle conveyor?
  - a. **480 / 277 3 PH ? See the attached photos of the existing panels.**
5. Would 304 stainless steel be an acceptable alternative to galvanized?
  - a. **304 stainless steel is an acceptable alternate to galvanized.**
6. Would a high speed slider pad conveyor be an acceptable alternative as long as tonnage requirements are met or exceeded?
  - a. **This is ok as long as this type of conveyor is equivalent to the one specified and meets or exceeds the requirements.**
7. On page 5, number 6, it calls for 60 day completion but on the price page asks for a delivery time. If we specify a delivery time of longer than 60 days does that make our bid unresponsive? A 120 day time frame would be more practical given our current backlog coupled with the scope of this project.
  - a. **Stay with the 60 day completion.**
8. Are there any soil core samples near proposed location of new pit?
  - a. **No**
9. Are pulling of permits required?
  - a. **Any required permit will applied and paid by owner.**

280 Park Ave.  
Lake Villa, IL 60046  
(224) 444-2000

**MEADE**  
ELECTRIC COMPANY, INC.

**SALT DOME**

1	SPARE	2	SPARE
3		4	
5		6	
7	SPARE	8	PANEL BLA BRINE BLDG
9		10	
11	X-FORMER TO SUB PANEL	12	
13		14	CONVEYOR
15		16	
17		18	
19		20	
21		22	
23		24	
25		26	
27		28	
29		30	
31		32	
33		34	

**B1**

MAIN PANEL LOCATED INSIDE SIGN BUILDING

CAT. NO./NO. DE CAT./N° DE CAT.      MAX. AMP/ A.M.A.      SER.

12338975400010001      400      E1

MAX. VOLTS/V.      WIRE/HELI.FIL.

480Y/277 VAC-      3      4

SEE MAIN BREAKER, IF USED, FOR AMPERE RATING.  
CIRCUIT BREAKER-AUTOMATIC TRIP IS INDICATED BY HANDLE POSITION MIDWAY BETWEEN ON AND OFF. RESTORE SERVICE BY MOVING HANDLE TO OFF THEN ON.  
VÉR LE DISJONCTEUR PRINCIPAL, SI SE USA, POUR OBTENIR LE COURANT NOMINAL.  
LA MANETTE DU DISJONCTEUR EN POSITION INTERMÉDIAIRE, ENTRE MARCHÉ (ON) ET ARRÊT (OFF), INDIQUE UN DÉCLANCHEMENT AUTOMATIQUE. RÉTABLIR LE SERVICE EN DÉPLAÇANT LA MANETTE SUR ARRÊT (OFF) PUIS SUR MARCHÉ (ON).

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**B2**



**TYPE 12/3R ENCLOSURE  
DUSTPROOF/RAINPROOF  
USE LISTED CONDUIT HUBS**  
FOR 3R ENCLOSURE REMOVE 1/4-20 SCREWS IN BOX  
267P4.B0HC



Phil. Type PM3A  
Volts 480V  
Neut. Cat.  
Date 9/94  
Box Cat. N4X2460  
Job No. VYEG02569 002

Phil. Amps 250  
Phase 3 Wire 3  
Neut. Amps  
Neut. Volts  
Box Type 4  
Mfgd. At SUM

Breaker	Filler Cover Used To Cover Opening
BBH, CBGF, CBBHGF, EP, OBHGFEP, HBAX, CG, CH	C10176 Or 5155C62H01
CFH, CFS, CFV	6555C40H01
L, CDT	6555C41H01

Spaces On This Panel Will Accept One Of The Follow Breakers Along With Respective Connector Kit:

Breakers	Connector Kit Catalog No.	Spa (In)
BA, BAB, OBHW, OBGF	6 CKT KPRL3AB5	1 1/2
HBX, HBAX, OBHGF	12 CKT KPRL3AB15	
OBGFEP, OBHGFEP	18 CKT KPRL3AB15	
GB, GBF	24 CKT KPRL3AB24	2 1/4
	6 CKT KPRL3AG06	
EHD, ED, HED, EDH, EDC	12 CKT KPRL3AGB12	1 1/2
	18 CKT KPRL3AGB18	
	24 CKT KPRL3AGB24	
EHD, ED, HED, EDH, EDC	(4) 1 POLE KPRL3AF01	1 1/2
	(2) 2 POLE KPRL3AF02	
EHD, ED, HED, EDH, EDC	(2) 3 POLE KPRL3AF03	1 1/2
	(2) 3 POLE KPRL3AF03	
CA, CAH, HCA	2 POLE KPRL3AC02	1 1/2
CA, CAH, HCA	3 POLE KPRL3AC03	1 1/2

99P11H02 R

Suitable For Use As Service Equipment When Equipped With A Main Overcurrent Device Or When Not More Than Six Service Disconnects Are Provided And Panel Is Used As Permitted By Article 384 Of The National Electric Code. Automatic Trip Of Circuit Breaker Is Indicated By Handle Position Midway Between "On" And "Off". Restore Service By Moving Handle to "Off" Then "On".

A2



A1

MAIN PANEL LOCATED ON THE EXTERIOR WALL OF EXISTING SALT DOME