

NOTES  
 1. ALL WORK SHOWN ON THIS SHEET TO WITHIN 5'-0" OF THE BUILDING LINE SHALL BE INSTALLED BY A NWSD LICENSED SEWER TAPPER AND INSPECTED BY NWSD, UNLESS OTHERWISE NOTED

NO.	REVISION	DATE
1	ADD SITE PLAN	3/28/04
1	ADD SITE PLAN	3/28/07

**NORTHWESTERN WATER & SEWER DISTRICT**  
 12560 Middleton Pike, P.O. Box 348 Bowling Green, Ohio 43402  
 PHONE: (419) 354-9090, FAX: (419)-354-9344

REVISION	DATE
CHECKED BY: MS, JB	
DRAWN BY: MS, JB	
SCALE: NONE	
COLLECT AND GRINDER PUMP DETAILS	



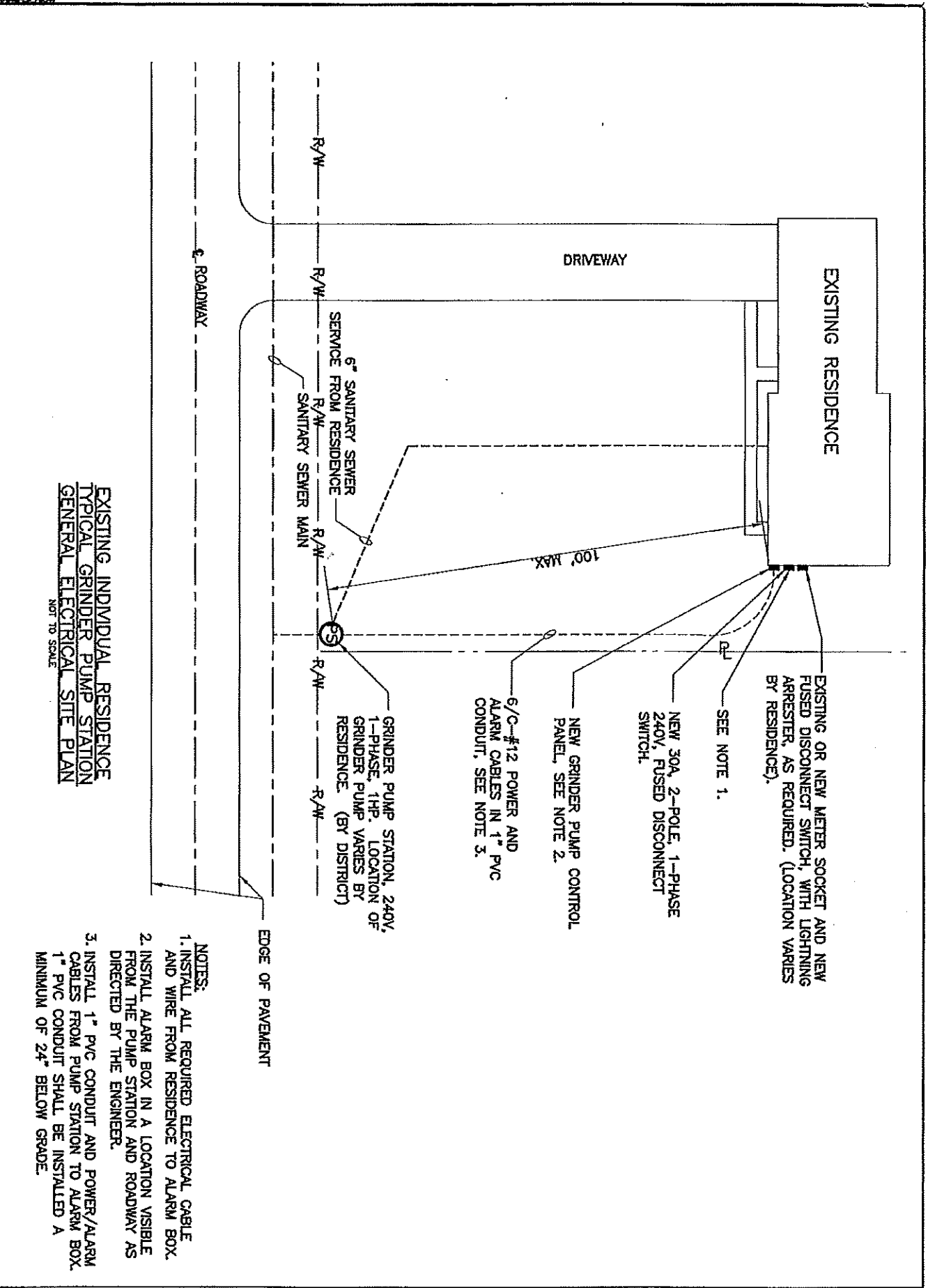
REV	DESCRIPTION	DATE
1	MOO. SITE PLAN	9/29/04

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DESIGN	CHK'D	DATE
BR:HB, TB	BR:HB, BC	09/08/04
SCALE: NONE		

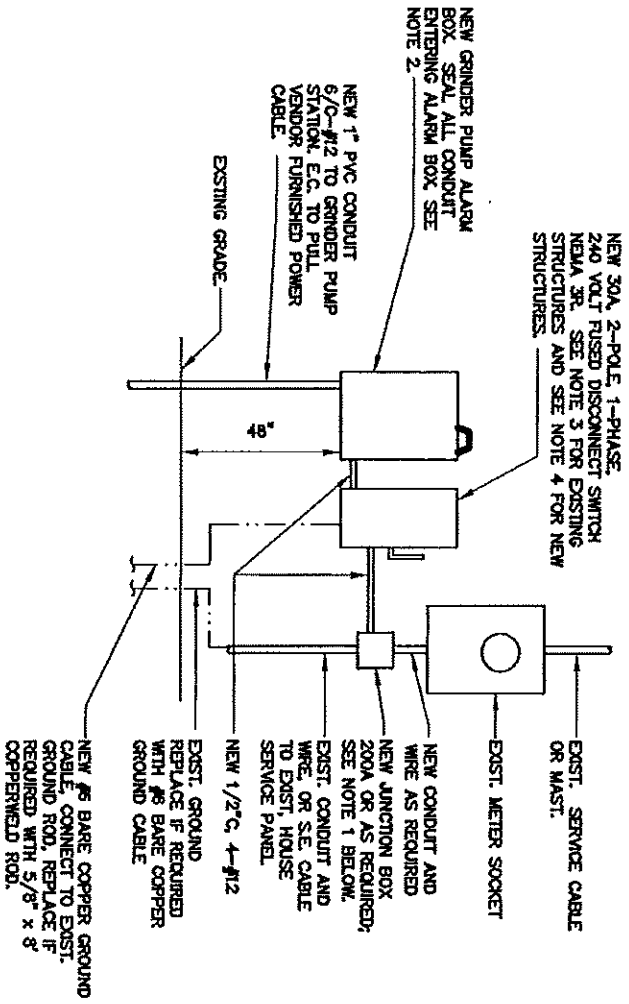


DESIGNING NO.: **2 OF 3**



**EXISTING INDIVIDUAL RESIDENCE  
 TYPICAL GRINDER PUMP STATION  
 GENERAL ELECTRICAL SITE PLAN**  
 NOT TO SCALE

- NOTES:**
1. INSTALL ALL REQUIRED ELECTRICAL CABLE AND WIRE FROM RESIDENCE TO ALARM BOX.
  2. INSTALL ALARM BOX IN A LOCATION VISIBLE FROM THE PUMP STATION AND ROADWAY AS DIRECTED BY THE ENGINEER.
  3. INSTALL 1" PVC CONDUIT AND POWER/ALARM CABLES FROM PUMP STATION TO ALARM BOX. 1" PVC CONDUIT SHALL BE INSTALLED A MINIMUM OF 24" BELOW GRADE.



### TYPICAL GRINDER PUMP STATION ELECTRICAL SERVICE CONNECTION DETAIL

NOT TO SCALE

- NOTES:**
- 1.) CONNECT NEW SERVICE FOR GRINDER PUMP TO LOAD SIDE OF METER TERMINALS. PROVIDE JUNCTION BOX AND CONNECTORS AS REQUIRED. GRINDER PUMP IS 240V, 1 PHASE, 1HP.
  - 2.) LOCATION OF ALARM BOX PER MANUFACTURER'S STANDARDS. LOCATE AS DIRECTED BY THE NORTHWESTERN WATER AND SEWER DISTRICT.
  - 3.) FOR EXISTING STRUCTURES, THE DISCONNECT SHALL BE LOCATED ADJACENT TO THE METER BASE AS SHOWN ABOVE.
  - 4.) FOR NEW STRUCTURES, CONNECT DISCONNECT SWITCH TO 30A, 2-POLE, 1-PHASE BREAKER IN ELECTRICAL POWER PANEL. CONTRACTOR TO INSTALL ALL ASSOCIATED WIRE AND CONDUIT FROM ELECTRICAL POWER PANEL TO DISCONNECT SWITCH. DISCONNECT TO BE INSTALLED 6" FROM ALARM BOX.
  - 5.) PROVIDE 2' OF ADDITIONAL WIRE AT DISCONNECT, ALARM PANEL AND GRINDER PUMPING STATION LOCATIONS FOR FINAL ELECTRICAL CONNECTIONS.

NO.	REVISION	DATE

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DESIGNED BY: J.B. BC
DRAWN BY: J.B. BC
CHECKED BY: J.B. BC
DATE: 09/05/04
SCALE: NONE
PROJECT: GRINDER PUMP DETAILS

REVISION NO. 3 OF 3