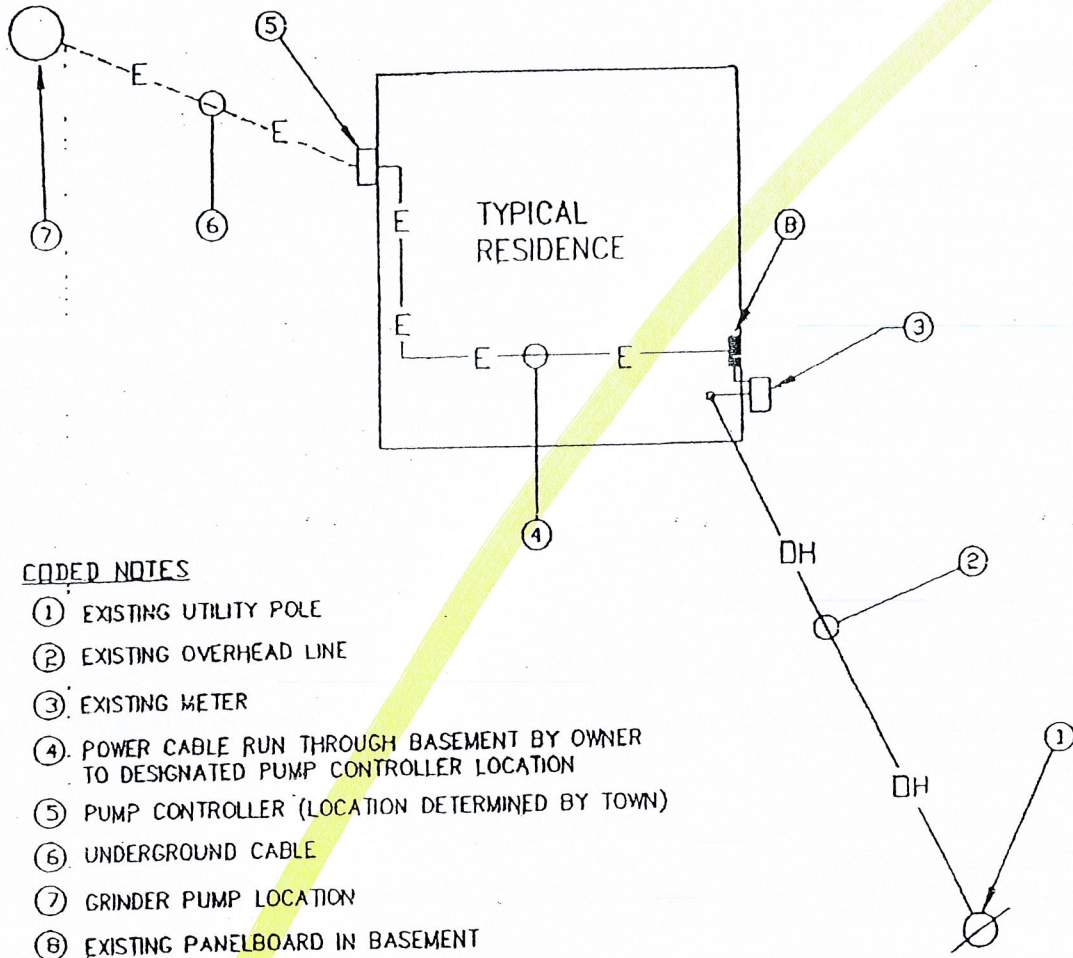


SPEC C



CODED NOTES

- ① EXISTING UTILITY POLE
- ② EXISTING OVERHEAD LINE
- ③ EXISTING METER
- ④ POWER CABLE RUN THROUGH BASEMENT BY OWNER TO DESIGNATED PUMP CONTROLLER LOCATION
- ⑤ PUMP CONTROLLER (LOCATION DETERMINED BY TOWN)
- ⑥ UNDERGROUND CABLE
- ⑦ GRINDER PUMP LOCATION
- Ⓟ EXISTING PANELBOARD IN BASEMENT

ROADWAY

TYPICAL PLAN VIEW OF INSTALLATION

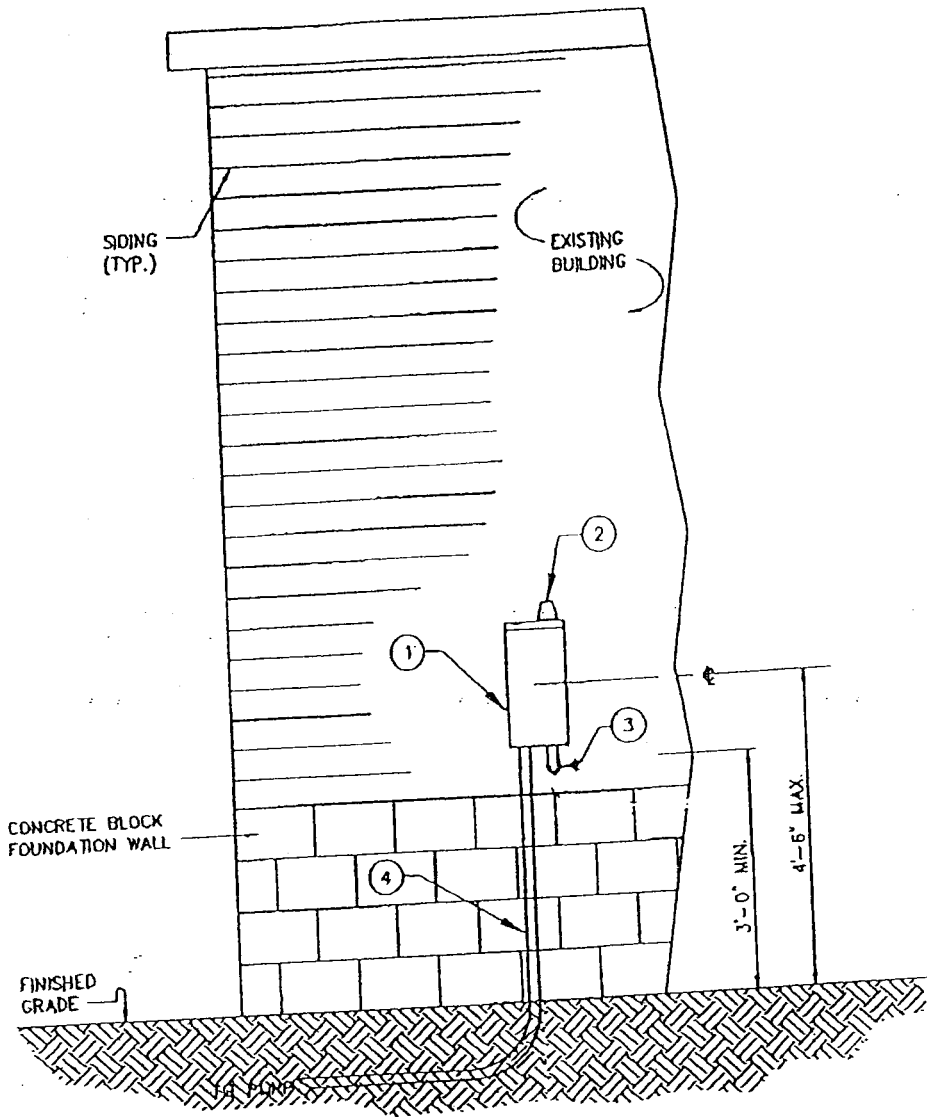
NO SCALE

SPEC C - PAGES 1 - 5

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KEUKA PARK SEWER DISTRICT 2

TYPICAL PLAN VIEW
 (ELECTRIC INSTALLATION
 BY OWNER)



- ① PUMP CONTROLLER - APPROX. 12"W x 14"H x 6"D
- ② ALARM LIGHT
- ③ CABLE FROM PUMP DISCONNECT
- ④ CABLE TO PUMP

FRONT VIEW - TYPICAL ELEVATION
NO SCALE

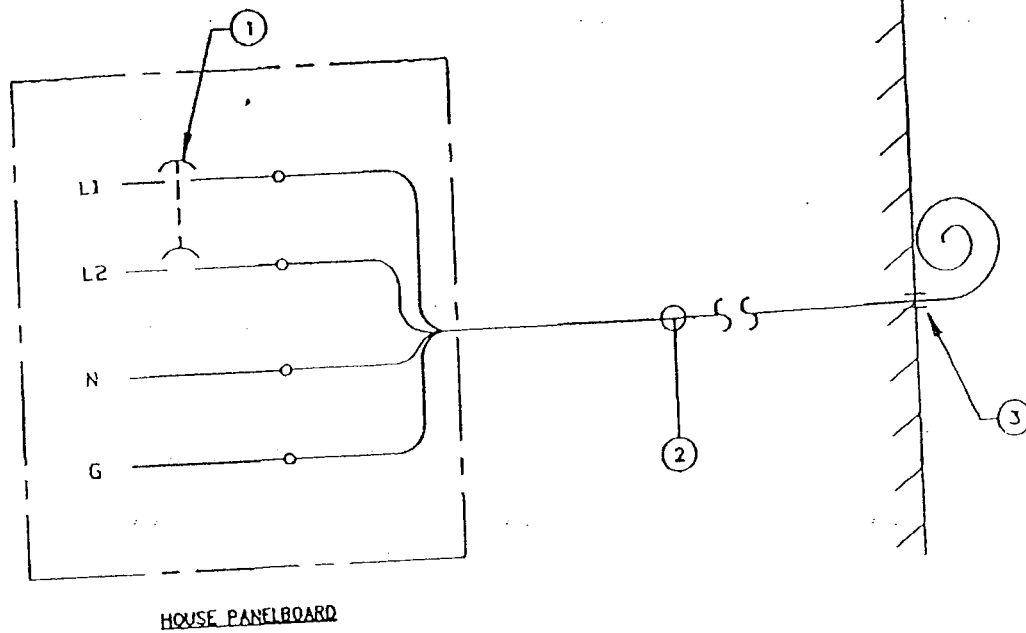


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KEUKA PARK SEWER DISTRICT 2

TYPICAL FRONT VIEW
PUMP CONTROLLER
INSTALLATION BYOWNER



- ① DEDICATED 30-AMP. 2-POLE CIRCUIT BREAKER (BY OWNER)
- ② FOUR (4) #10 AWG CONDUCTORS IN CONDUIT OR 10/3 (WITH GROUND) TYPE NM CABLE (BY OWNER)
- ③ THROUGH EXTERIOR WALL AT LOCATION AND HEIGHT DESIGNATED BY TOWN. LEAVE 10 FEET OF CABLE SLACK FOR TERMINATION BY TOWN.

TYPICAL PLAN VIEW OF INSTALLATION
NO SCALE



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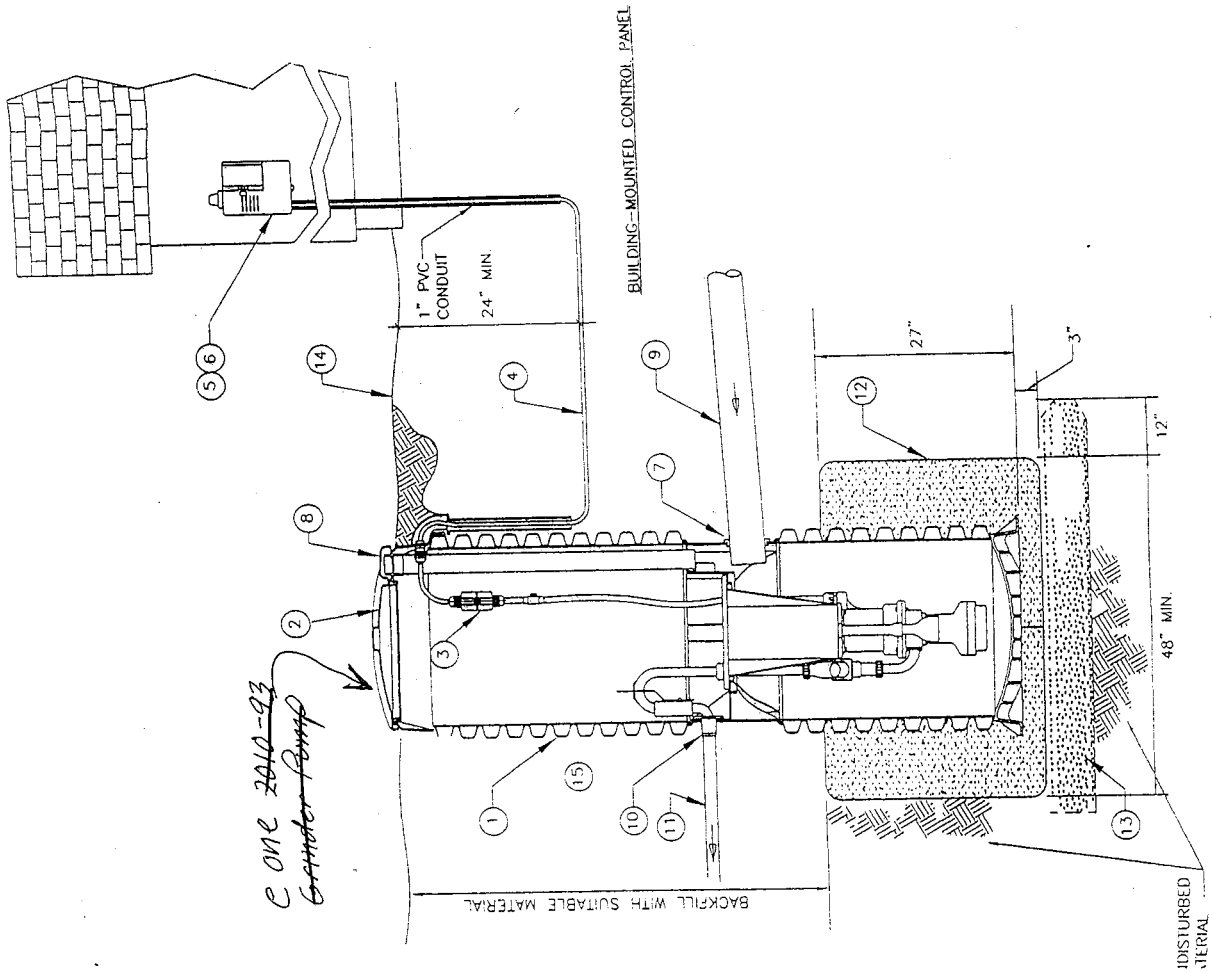
KEUKA PARK SEWER DISTRICT 2

TYPICAL INSTALLATION DETAIL
(ELECTRIC INSTALLATION BY OWNER)

3

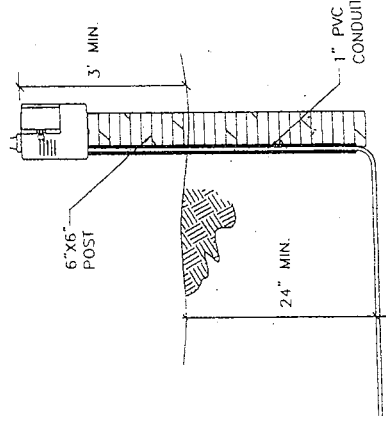
GRINDER PUMP
FEATURE IDENTIFICATION

1. GRINDER PUMP BASIN - HIGH DENSITY POLYETHYLENE (HDPE).
2. ACCESS WAY COVER - FRP (FURNISHED WITH PADLOCK)
3. ELECTRICAL QUICK DISCONNECT (EQD) - TERMINATE LEAD FROM PUMP CORE HI
4. POWER AND ALARM LEAD - INSTALL CIRCUITS IN ACCORDANCE WITH LOCAL CODE
5. DISCONNECT PANEL - ENCLOSURE SHALL BE RAINPROOF (NEMA 3R) EQUIPPED WITH CIRCUIT BREAKERS OR DISCONNECT SWITCH. LOCATE ACCORDING TO LOCAL CODES.
6. ALARM DEVICE - EVERY INSTALLATION SHALL HAVE VISUAL AND REMOTE AUDIBLE ALARM DEVICES TO ALERT THE HOMEOWNER OF A POTENTIAL MALFUNCTION. LOCATE WHERE SHOWN ON THE PLANS, OR AS ORDERED BY ENGINEER.
7. INLET - 4" EPDM GROMMET (4.5" ID). FOR DWV PIPE.
8. WET WELL VENT - WET WELL SHALL BE SUPPLIED WITH 2.0" TANK VENT
9. GRAVITY SERVICE LINE - 4" DWV (4.5" OD) SUPPLIED AND INSTALLED BY EACH PROPERTY OWNER.
10. DISCHARGE OUTLET - 1 1/4" FEMALE PIPE THREAD.
11. DISCHARGE LINE - 1 1/4" HDPE PIPE INSTALL AS SHOWN ON DRAWINGS *SOR 11 - 48" DEEP IN TRACER WIRE*
12. CONCRETE ANCHOR - INSTALL A CONCRETE ANCHOR OF 370 LBS. PER FOOT OF TOTAL STATION HEIGHT TO PREVENT TANK FROM FLOATING.
13. BEDDING MATERIAL - PLACE 6" MINIMUM LAYER OF PIPE BEDDING MATERIAL
14. FINISHED GRADE - GRADE LINE TO BE BELOW THE REMOVABLE COVER, AND 51 AWAY FROM ACCESSWAY.
15. BACKFILL AROUND STRUCTURE WITH SUITABLE MATERIAL TO LIMITS SHOWN. BACKFILL MATERIAL SHALL CONFORM WITH SPECIFICATIONS
16. SEE TABLE ON LEFT FOR SPECIFIC GRINDER PUMP CONTROL PANEL AND ALARM LOCATIONS.
17. SEE TABLE ON LEFT FOR SPECIFIC GRINDER PUMP INSTALLATION ELEVATIONS AND BURIAL DEPTHS.
18. CONTRACTOR SHALL FLAG PROPOSED GRINDER PUMP AND CONTROL PANEL LOCATIONS AT LEAST SEVEN CALENDAR DAYS PRIOR TO ANY PUMP INSTALLATION.

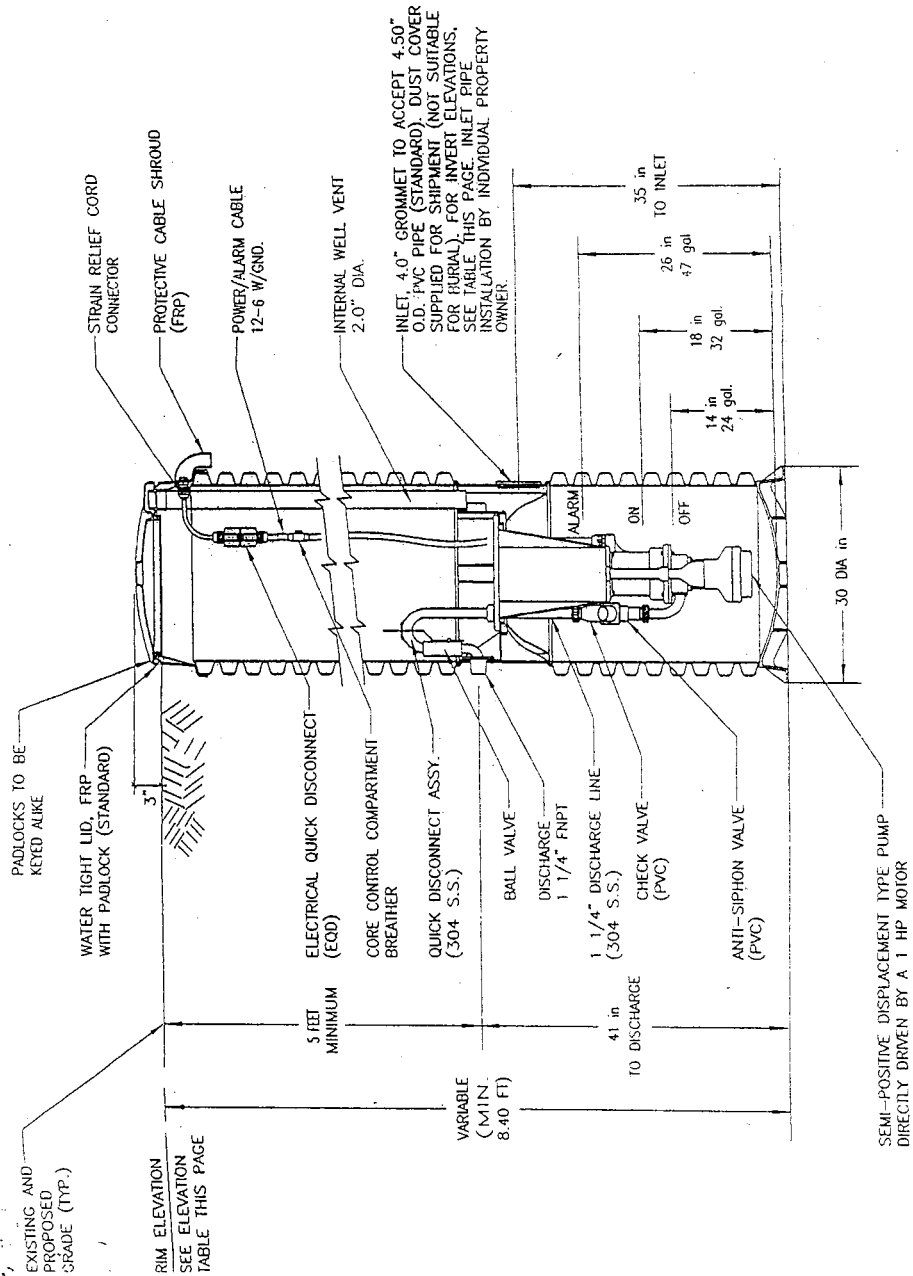


CONTROL PANEL / ALARM NOTES

1. FOR CONTROL PANELS TO BE INSTALLED ON EXTERIOR BUILDING WALLS, AS INDICATED ON THE DRAWINGS OR ON SHOWN ON THE "GRINDER PUMP CONTROL PANEL AND ALARM LOCATIONS" : MOUNT CONTROL PANEL IN CONFORMANCE WITH ALL LOCAL CODES AND ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. FOR CONTROL PANELS TO BE INSTALLED NEAR PUMP WITHIN LANDSCAPED AREAS, AS INDICATED ON THE DRAWINGS AND ON THE ALARM LOCATIONS TABLE (LEFT): MOUNT CONTROL PANEL ON A 6"x6" PRESSURE TREATED POST WITH STAINLESS STEEL SCREWS, BURIED 2' BELOW GRADE AND 3' ABOVE GRADE, WITH CONTROL PANEL FACING THE STREET (SEE DETAIL THIS SHEET).
3. CONTROL PANEL AND ALARM LOCATIONS AS INDICATED ARE APPROXIMATE. PANELS AND ALARMS SHALL BE FIELD LOCATED WITH ENGINEER, OWNER (TOWN OF JERUSALEM) AND EACH RESPECTIVE PROPERTY OWNER.
4. CONTROL PANEL SHALL BE EQUIPPED WITH ELECTRICAL PROTECTION DEVICE FOR: LOW VOLTAGE, DRY RUN, AND HIGH DISCHARGE PRESSURE.



POST-MOUNTED CONTROL PANEL



1 TYPICAL GRINDER PUMP ELEVATIONS

NO SCALE

1	-
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