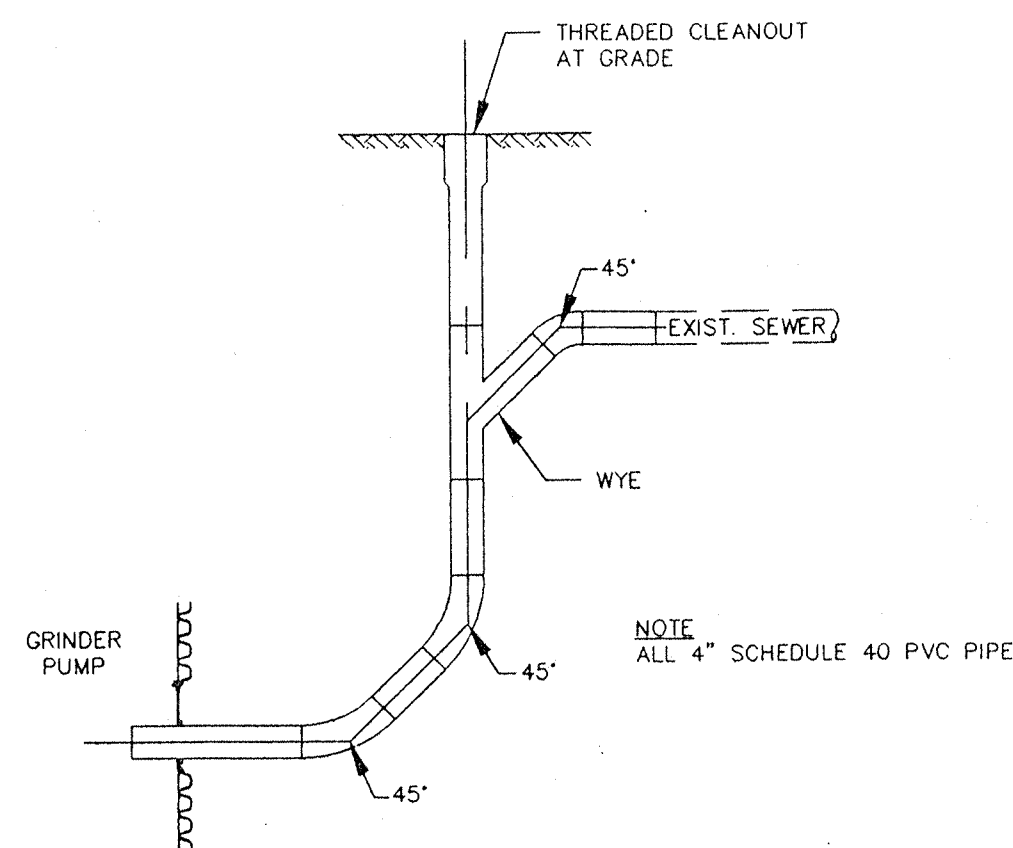


NOTES

1. DO NOT DROP, ROLL OR LAY TANK ON ITS SIDE. THIS WILL DAMAGE UNIT AND VOID THE WARRANTY.
2. THE UNIT SHOULD BE LEVELED, AND THE WET WELL FILLED WITH WATER, TO THE BOTTOM OF THE INLET, TO HELP PREVENT THE UNIT FROM SHIFTING WHILE THE CONCRETE IS BEING POURED.
3. "OATLEY" (DARK GREEN LABEL) ALL WEATHER CEMENT FOR PVC PIPE AND FITTINGS IS TO BE USED, EXCEEDS ASTM D-2564.
4. ELECTRICAL WIRING PER STATE AND LOCAL CODES.
5. 1 1/4" DIAMETER SCHEDULE 40 PRESSURE PIPE MUST HAVE MINIMUM PRESSURE RATING OF 370 PSI WITH A CELL CLASS OF 12454-B.

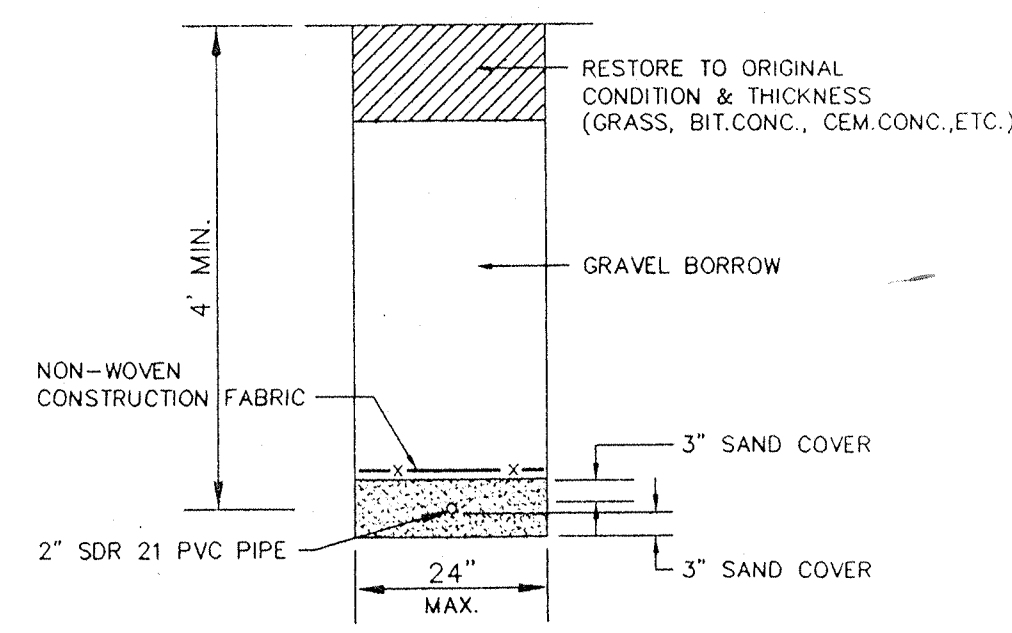
GRINDER PUMP DETAIL

NOT TO SCALE



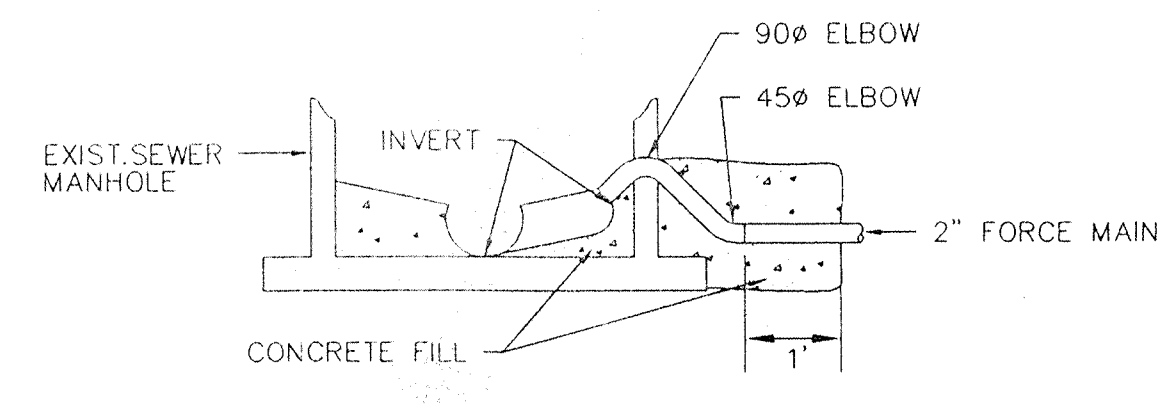
CONNECTION DETAIL FOR SHALLOW SEWERS

SCALE: 1" = 2'-0"



TYPICAL TRENCH FOR FORCE MAIN

SCALE: 1" = 2'



FORCE MAIN CONNECTION WITH GRAVITY SEWER

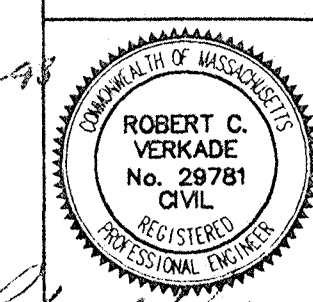
NOT TO SCALE

GENERAL CONSTRUCTION NOTES

1. THE CONSTRUCTION OF ALL PROPOSED UTILITIES SHALL CONFORM TO THE TOWN OF MARION STANDARDS AND SPECIFICATIONS, LATEST EDITION, AS WELL AS THE COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS STANDARDS AND SPECIFICATIONS, LATEST EDITION.
2. THE LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES SHALL BE CONSIDERED APPROXIMATE AND MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION. UNDERGROUND UTILITIES SHOWN ARE FROM FIELD OBSERVATIONS AND RECORD INFORMATION AND ARE NOT WARRANTED TO BE EXACT, NOR IS IT WARRANTED THAT ALL UNDERGROUND PIPES OR STRUCTURES ARE SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ANY CROSSINGS OF PROPOSED UTILITIES AND EXISTING UTILITIES. THE GENERAL CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES RELATIVE TO THE LOCATION AND ELEVATION OF THESE LINES.
3. THE CONTRACTOR SHALL CALL "DIG-SAFE" AT 1-800-322-4844 72 HOURS PRIOR TO CONSTRUCTION TO INFORM THE UTILITY COMPANIES OF ANY EXCAVATION.
4. WHENEVER EXISTING STRUCTURES ARE ENCOUNTERED, THE CONTRACTOR SHALL REPAIR ANY DAMAGED STRUCTURES OR REPLACE ANY REMOVED STRUCTURES, AND MAKE ANY IMPROVEMENTS ABOVE OR BELOW GRADE TO A CONDITION BETTER THAN OR EQUAL TO EXISTING CONDITIONS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL WASTE MATERIAL AT AN APPROVED SITE. BURIAL OF WASTE MATERIAL ON SITE IS NOT PERMITTED.
6. STRIP TOP SOIL AND STOCK PILE ON SITE FOR REUSE. STOCK PILES SHALL BE COVERED BY TEMPORARY TARPULIN TO PREVENT TRAVEL OF SEDIMENT TO ADJACENT AREAS.
7. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL SURFACE RESTORATION IS COMPLETE AND SHALL BE MAINTAINED IN GOOD CONDITION AT ALL TIMES.
8. CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES FROM ON-SITE CONSTRUCTION ACTIVITIES AND REMOVE ANY SEDIMENT OR DEBRIS DEPOSITED THEREON IMMEDIATELY.
9. DRAINAGE GENERATED AS A RESULT OF TRENCH DEWATERING SHALL BE DISCHARGED TO EXISTING DRAINAGE COURSES WITH PROPER EROSION CONTROL MEASURES. DISCHARGE ONTO PAVEMENT OR PRIVATE PROPERTY SHALL NOT BE ALLOWED.
11. 18" MINIMUM VERTICAL SEPARATION MUST BE MAINTAINED BETWEEN SANITARY SEWER AND WATER LINES.
10. TIBBETTS ENGINEERING CORP. ASSUMES NO RESPONSIBILITY FOR USE OF THESE PLANS FOR ACTUAL CONSTRUCTION WITHOUT THE USE OF SPECIFICATION FOR CONSTRUCTION MATERIALS AND METHODS PREPARED BY TIBBETTS ENGINEERING CORP. AND WITHOUT A CONSTRUCTION PHASE FIELD OBSERVATION AND TESTING AGREEMENT SUITABLE TO TIBBETTS ENGINEERING CORP.

FORMER MOTT RESIDENCE  
116 SPRING STREET, MARION, MA  
FOR  
TABOR ACADEMY

SEWER CONNECTION DETAILS



**tec** tibbetts engineering corp.  
NEW BEDFORD, MASS.  
FALL RIVER, MASS.  
TAUNTON, MASS.

Des. By R.J.R.  
Dr. By R.J.R.  
Chk. By R.C.V.  
SCALE: AS NOTED  
DATE: JULY 17, 1998