

JACKSON COUNTY
ANIMAL RESCUE CENTER AND GREEN ENERGY
PARK
DILLSBORO, NORTH CAROLINA

SHEET ISSUE NO.	DATE	DESCRIPTION	BY
1	9/2/2020	ISSUE FOR BID + PERMIT	WR

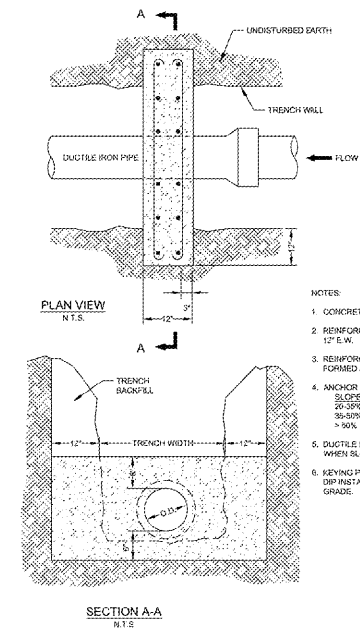
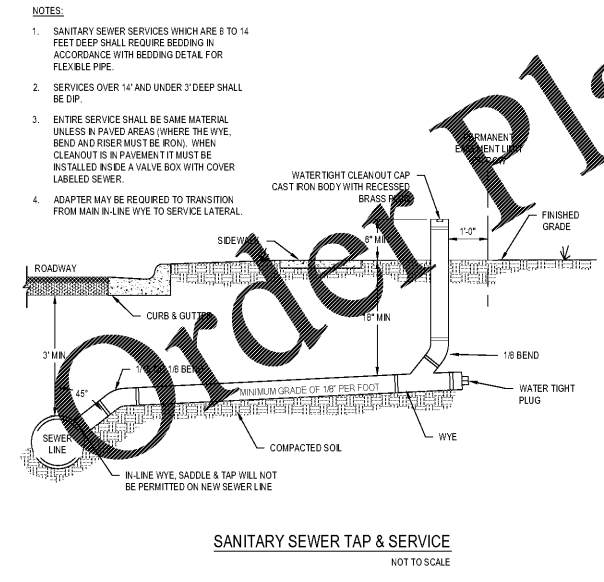
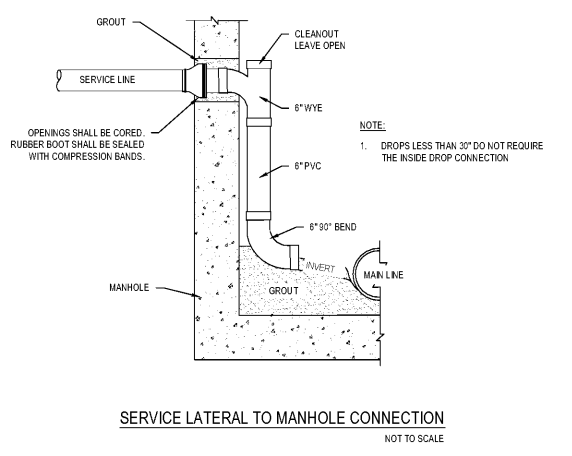
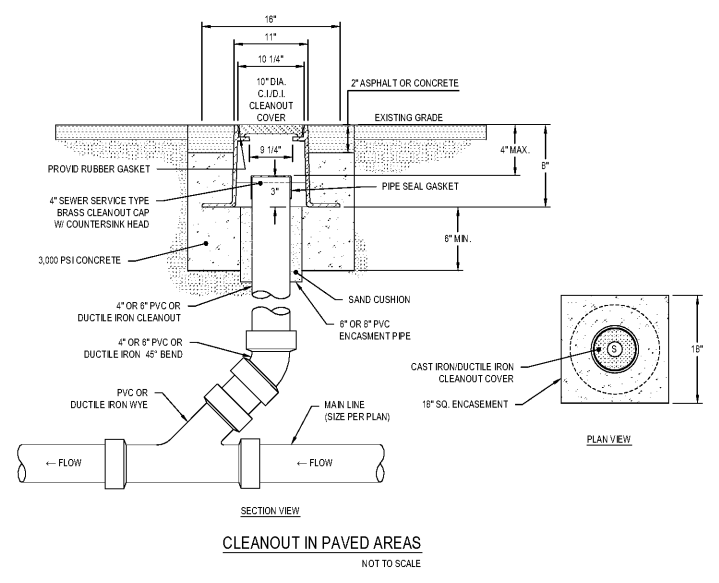


PRINCIPAL IN CHARGE: GARY WARNER
PROJECT ARCHITECT: WR
DRAWN BY: WR
SHEET TITLE:

UTILITY
DETAILS

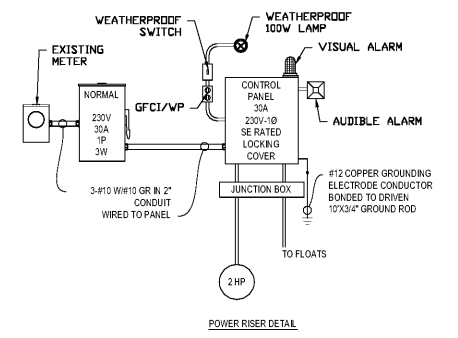
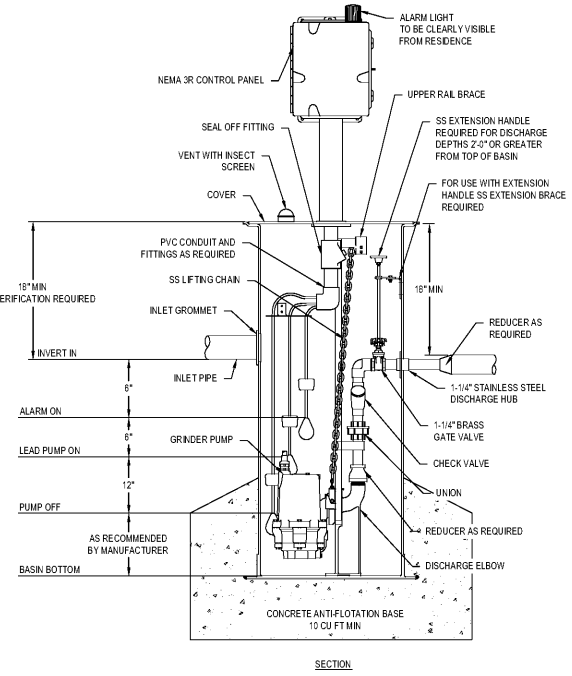
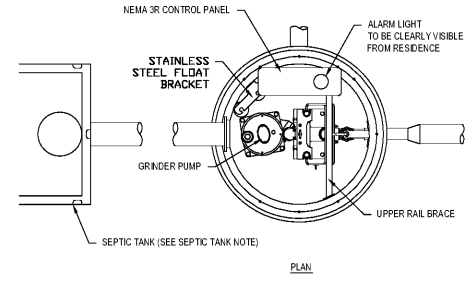
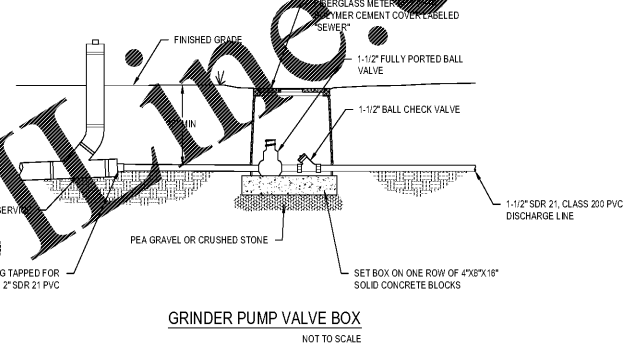
SHEET NO. PROJ. NO.
02-191340

C3.3



- NOTES:
- CONCRETE SHALL BE 3000 P.S.I.
 - REINFORCING SHALL BE #4 BARS @ 12" O.C.
 - REINFORCING BARS SHALL BE FORMED AND TIED TOGETHER.
 - ANCHOR SPACING SHALL BE:

SLOPE	SPACING
2%-5%	36" FT.
5%-10%	24" FT.
> 10%	18" FT.
 - DUCTILE IRON PIPE MUST BE USED WHEN SLOPES ARE 2% OR GREATER.
 - KEYING PIPES IS REQUIRED FOR ALL DIP INSTALLED @ 20% OR GREATER GRADE.



- NOTES:
- SHOP DRAWINGS OF PUMP STATION MUST BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
 - SIMPLEX PUMP CONTROL PANEL INCLUDES CIRCUIT BREAKER, MOTOR STARTER, TERMINAL STRIP AND GROUND BUS IN A LOCKABLE NEMA 3R ENCLOSURE. THE CONTROLLER SHALL HAVE THREE LEVEL SENSING POINTS: PUMP OFF, PUMP ON, AND HIGH WATER ALARM. CONTROL PANEL AND CONTROLS SHALL BE SUPPLIED BY PUMP MANUFACTURER. THE CONTROL PANEL AND ALARM MAY BE ATTACHED TO THE RESIDENCE EXTERIOR AT THE OWNERS OPTION OR POST-MOUNTED 36" ABOVE GRADE AT A LOCATION CONVENIENT TO THE OWNER. THE ALARM CIRCUIT SHALL SENSE HIGH WATER LEVEL AND INITIATE THE ALARM. AN ALARM RESET SWITCH AND ALARM TEST SWITCH SHALL BE PROVIDED ON THE CONTROL PANEL DOOR. A HIGH VISIBILITY RED ALARM LIGHT AND AUDIBLE ALARM SHALL BE MOUNTED ON THE EXTERIOR OF THE PANEL.
 - LIQUID LEVEL SENSOR SHALL BE ADJUSTABLE LEVEL MERCURY FLOAT SWITCH SUPPLIED BY THE MANUFACTURER.
 - WET WELL SHALL BE ATTACHED TO THE CONCRETE ANCHOR TO PREVENT FLOTATION.
 - ALL CONTROLS AND WIRING SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) AND ANY APPLICABLE STATE AND LOCAL CODES.
 - POSITION THE FLOATS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 - THE ELECTRICAL COMPONENTS SHALL BE CONNECTED TO THE HOME OWNER'S MAIN CONTROL PANEL IN ACCORDANCE WITH NEC AND ANY APPLICABLE STATE AND LOCAL CODES. CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED.

SIMPLEX GRINDER PUMP STATION
NOT TO SCALE

ALL DRAWINGS, SPECIFICATIONS AND NOTATIONS ARE THE PROPERTY OF WITHERSRAVENEL ENGINEERS, PLANNERS AND ARCHITECTS. THESE DRAWINGS ARE TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE, REPRODUCTION, OR MODIFICATION OF THESE DRAWINGS WITHOUT THE WRITTEN CONSENT OF WITHERSRAVENEL ENGINEERS, PLANNERS AND ARCHITECTS IS STRICTLY PROHIBITED. WITHERSRAVENEL ENGINEERS, PLANNERS AND ARCHITECTS SHALL NOT BE RESPONSIBLE FOR ANY ERRORS, OMISSIONS, OR INADEQUACIES IN THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES AT ALL TIMES. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN ADEQUATE RECORD DRAWINGS AND AS-BUILT DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES AT ALL TIMES. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN ADEQUATE RECORD DRAWINGS AND AS-BUILT DRAWINGS.