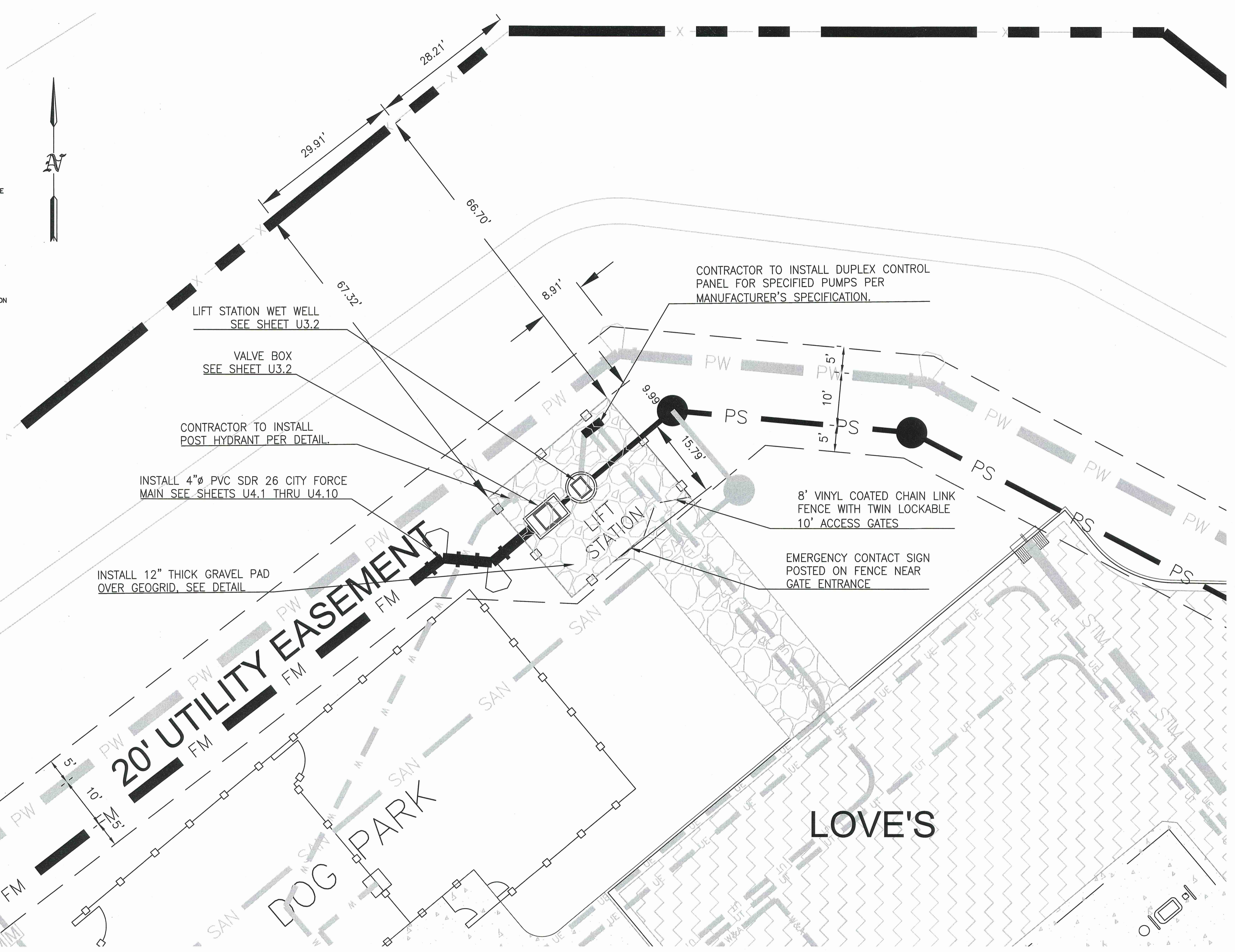
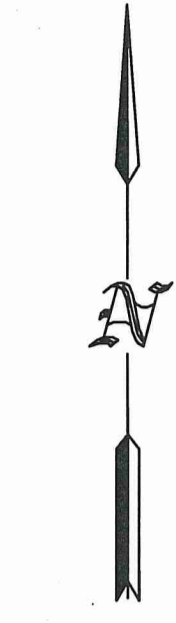
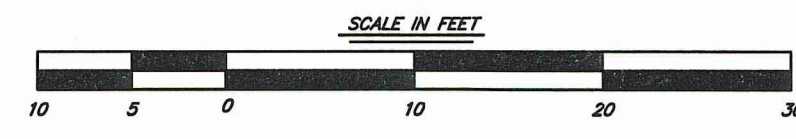


LEGEND FOR PROPOSED IMPROVEMENTS

- PROPERTY LINE/ R.O.W.
- PROPOSED CURB AND GUTTER
- C.O. ● PROPOSED CLEANOUT
- PROPOSED MANHOLE
- PROPOSED WATER
- PROPOSED ELECTRICAL
- PROPOSED COMMUNICATION
- PROPOSED STORM SEWER
- PROPOSED PUBLIC WATER
- PROPOSED PUBLIC SEWER
- PROPOSED EASEMENT
- PROPOSED FORCE MAIN
- LIMITS OF DISTURBANCE/ CONSTRUCTION/WATERSHED AREA

EXISTING LEGEND

- SUBJECT PROPERTY BOUNDARY LINE
- ADJACENT BOUNDARY LINES
- OLD WIRE FENCE
- "40" LINES
- LIMITS OF EASEMENT
- BURIED FIBER OPTIC LINE
- OVERHEAD UTILITY LINES
- MAJOR CONTOUR
- MINOR CONTOUR
- DRAINAGE PIPE
- SIGNIFICANT DRAINAGE FLOWLINE
- APPROXIMATE FLOOD ZONE LOCATION
- NO HIGHWAY ACCESS
- PAINT STRIPE
- 1/2" IRON REBAR SET
- IRON PIN FOUND
- FENCE CORNER FOUND
- UTILITY POLE
- AP/S AS PER SURVEY
- AP/R AS PER RECORD
- ROW RIGHT-OF-WAY
- 62' CONTOUR ELEVATION
- RCP REINFORCED CONCRETE PIPE
- CMP CORRUGATED METAL PIPE
- ⊗ ROAD SIGN POST
- ▨ EXISTING ROADWAY OR DRIVEWAY



EQUIPMENT SUMMARY:

PUMP HOIST INFORMATION:
 HALLIDAY PRODUCTS
 1 - HOIST # D2B36D
 2 - SOCKETS # D2S LINED

PUMPS SELECTION:
 2- EPI
 SUBMERSIBLE GRINDER PUMPS
 - 7.5 HP 5 VANE CHOPPER
 PUMP MODEL DN80
 DESIGN DATA:
 FLOW = 174 GPM
 TDH = 128 FT
 MOTOR = 13 HP @ 3900 RPM

230 VOLTS/ 3 PHASE/60 Hz
 RATED CURRENT= TBC AMPS
 STARTING CURRENT=TBC AMPS

PUMP CONTROL PANEL:
 FROM MANUFACTURER
 DUPLEX PANEL

WET WELL DESIGN INFORMATION:

DIAMETER Ø = 8.0 FEET
 TOP EL = 35.25
 FINISHED GRADE EL = 34.75
 8"Ø SEWER IN EL= 29.00
 4.0"Ø FORCE MAIN OUT EL= 29.33
 ALARM EL= 27.50
 LAG PUMP ON EL= 27.00
 LEAD PUMP ON EL= 26.50
 PUMPS OFF EL= 19.36
 BASE INV. EL = 16.86

FORCE MAIN SIZE:
 4.0" PVC SDR 26
 "PRESSURE TEST @ 120PSI"

RC 200325
 file: 200325v7 Uext
 drawn: DMT
 date: 03-01-2023



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NICHOLSON WATER AND SEWER ASSOCIATION
 INTERSTATE 59 EXIT 1 @ MS HWY 607
 PEARL RIVER COUNTY, MISSISSIPPI

K:\200325 - Pearl River County, MS Love's L-59 @ MS Hwy 607 SECU\Design\200325v7 Utility Extensions & Lift Station.dwg, U3.1 Lift Station Site Plan, 3/1/2023 10:54:08 AM, Jessie, Resource Consulting, LLC copyright



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LIFT STATION SITE PLAN

U3.1