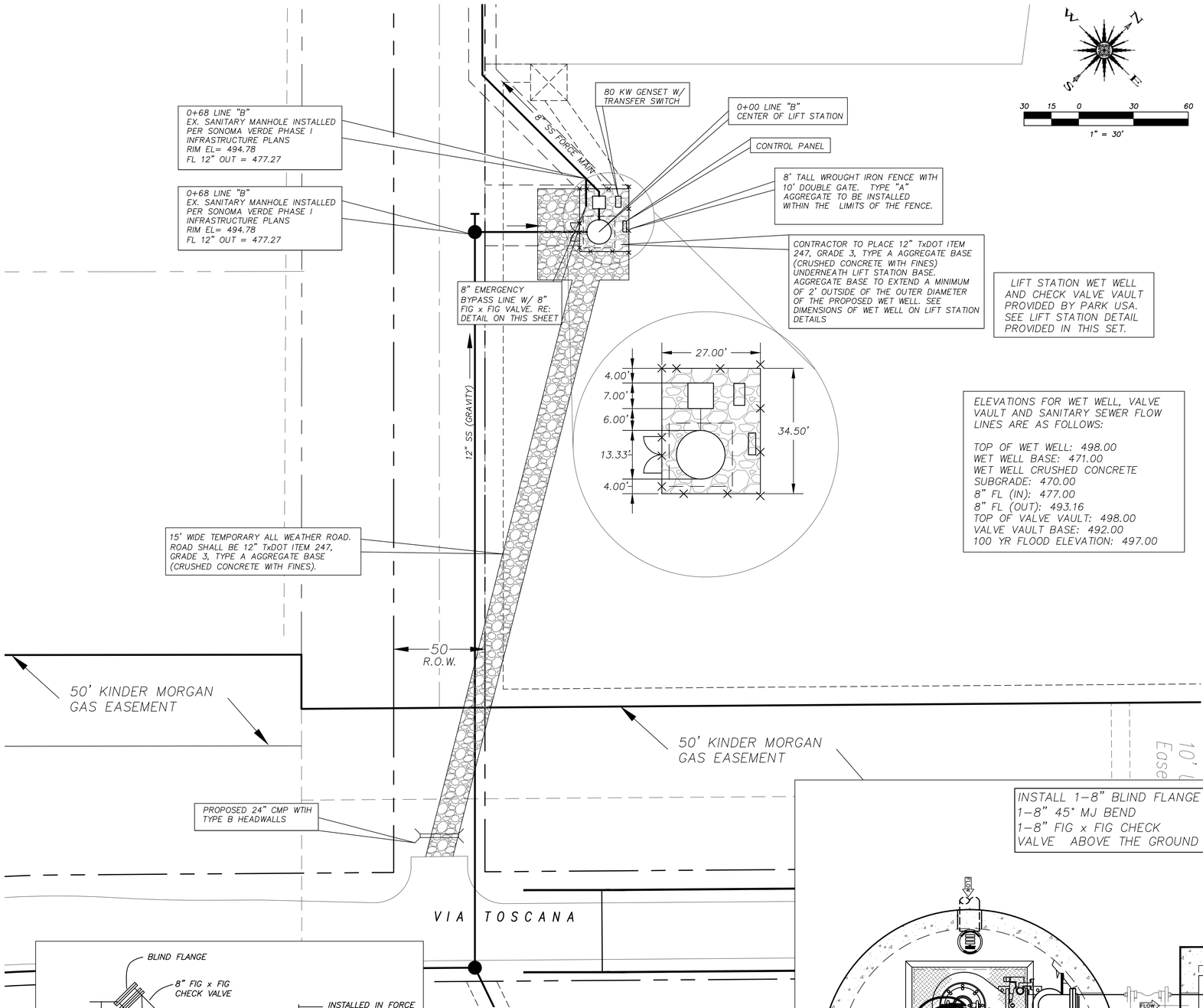


LIFT STATION WET WELL AND CHECK VALVE VAULT PROVIDED BY PARK USA. SEE LIFT STATION DETAIL PROVIDED IN THIS SET.

ELEVATIONS FOR WET WELL, VALVE VAULT AND SANITARY SEWER FLOW LINES ARE AS FOLLOWS:

TOP OF WET WELL: 498.00
WET WELL BASE: 471.00
WET WELL CRUSHED CONCRETE SUBGRADE: 470.00
8" FL (IN): 477.00
8" FL (OUT): 493.16
TOP OF VALVE VAULT: 498.00
VALVE VAULT BASE: 492.00
100 YR FLOOD ELEVATION: 497.00

LIFT STATION GENERAL NOTES

1) AN AUDIO/VISUAL ALARM SYSTEM IS TO BE INCLUDED WITH THE LIFT STATION.

2) 3 PHASE ELECTRIC SERVICE IS TO BE PROVIDED TO THE LIFT STATION BY FARMER'S ELECTRIC COOPERATIVE. CONTRACTOR TO COORDINATE WITH CHUCK GILLEY (903) 453-0584.

3) ACCESS FRAME OPENING FOR BILCO DOOR HATCH TO BE GROUTED.

4) A PLUG/BREAKER IS TO BE INSTALLED FOR THE GENERATOR IN THE ELECTRICAL PANEL.

5) ALL JOINTS AT THE LIFT STATION, VALVE AND VALVE VAULT ARE TO BE SEALED WITH O-RING OR RAM NEK SEALS AND INTERIOR AND EXTERIOR ARE TO BE SEALED WITH NON SHRINK GROUT.

6) ALL EXPOSED CONCRETE AND GROUT SURFACES INSIDE WET WELL ARE TO BE COATED WITH HDPE COATING TO PREVENT DEGRADATION OF CONCRETE AND GROUT SURFACES BY SEWER GASES.

7) THE EXTERIOR OF ALL DUCTILE IRON PIPING SYSTEM TO BE COATED WITH A PROTECTIVE COATING SYSTEM. THE PIPING SHOULD BE COATED WITH 2-6 MIL DFT COATS (12 MILS TOTAL) OF DEVOE BAR RUST 233 EPOXY COATING OR APPROVED EQUAL.

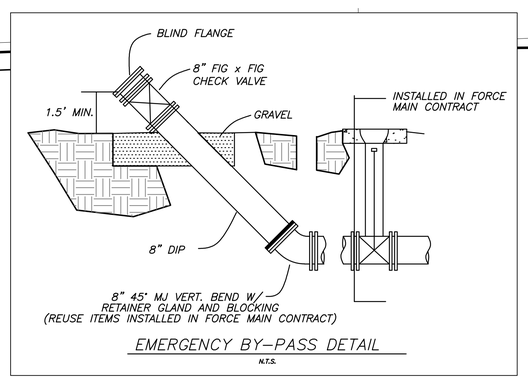
8) DUCTILE IRON PIPE THAT IS DIRECTLY BURIED NEEDS TO BE INSTALLED IN POLYETHYLENE BAGGING.

9) THE INTERIOR OF ALL DUCTILE IRON PIPE NEEDS TO BE LINE WITH A MANUFACTURER APPLIED COATING TO PROTECT PIPING FROM CORROSION.

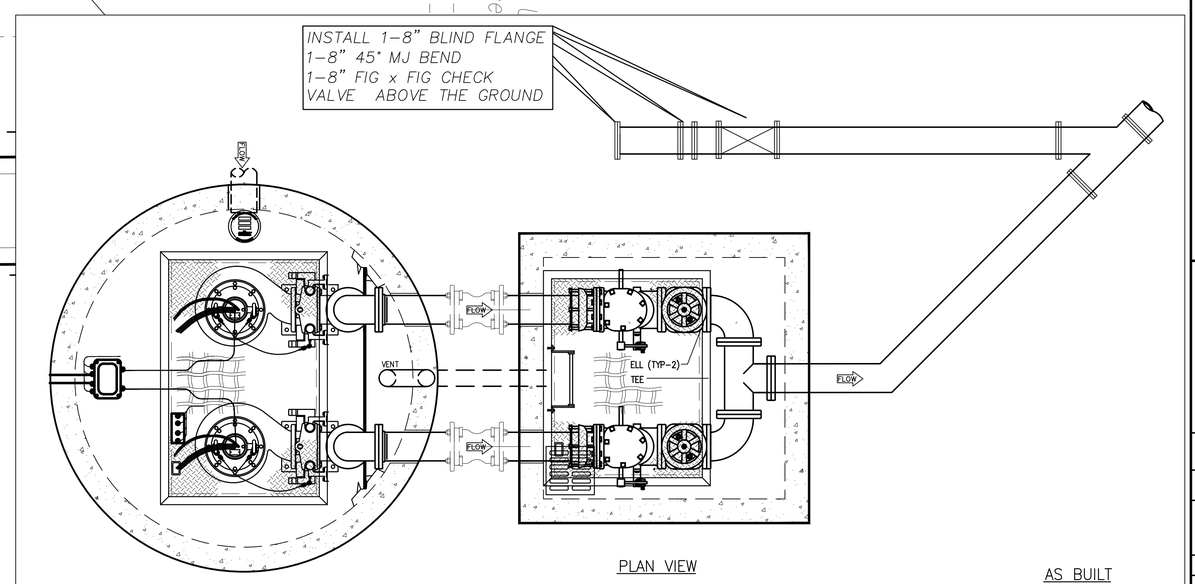
10) PRESSURE AND MANDREL TEST IS TO BE DONE FOR ALL SEWER MAINS PRIOR TO ACTIVATION OF THE LIFT STATION.

11) ALL MANHOLES ARE TO BE VACUUM TESTED PRIOR TO ACTIVATION OF THE LIFT STATION.

12) A QUICK DISCONNECT ASSEMBLY TO BE PROVIDED AT THE BASE ELEVATION OF THE PUMP CONNECTION



EMERGENCY BY-PASS DETAIL
N.T.S.



PLAN VIEW

AS BUILT

Revision	Date	Description

Owner:
City of McLendon-Chisholm
1248 S. Hwy 205 • McLendon-Chisholm, TX • 75032
Phone: 972-524-2077

City of McLendon-Chisholm
SANITARY SEWER LIFT STATION

F.C. CUNY CORPORATION
#2 Horizon Court • Ste. 500 • Heath, Texas 75032
Phone: 469-402-7700
Fax: 469-402-0700
Texas Registered Engineering Firm F-7449

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY CHRISTOPHER R. CUNY, P.E. 65642

STATE OF TEXAS
CHRISTOPHER R. CUNY
65642
REGISTERED PROFESSIONAL ENGINEER

Drawn By:	Checked By:
FC CUNY	FC CUNY
Date: 01/14	Project No.: 08-007

Sheet Title: Lift Station Site Plan

Scale:	Sheet No.:
1"=30'	1 of 4