GENERAL NOTES:

1. ALL EXPOSED METAL SHALL BE PAINTED WITH 2 COATS OF EXTERIOR ENAMEL PAINT.
2. WET WELL AND VALVE VAULT SHALL BE COATED WITH COAL TAR INSIDE AND OUT. (TWO COATS, 9 MILS EACH.)
3. BASE AND FIRST RISER UNIT TO BE CAST MONOLITHIC.
4. VALVE VAULT SHALL BE SIZED TO PERMIT EASY REMOVAL OF CHECK VALVE SPINDLES WITH MINIMUM CLEARANCES AS SHOWN FOR 6" DIAMETER PIPE AND SMALLER. CLEARANCES SHALL INCREASE AS REQUIRED FOR LARGER PIPE SIZES.
5. VALVE VAULT SHALL HAVE SEALED FLOOR AND DRAIN.
6. ALL LOCATIONS WHERE PIPES ENTER OR LEAVE THE WET WELL OR VALVE VAULT SHALL BE MADE WATERTIGHT WITH WALL SLEEVE OR NON-SHRINK GROUT.
7. THERE SHALL BE NO VALVES OR ELECTRICAL JUNCTION BOXES IN WET WELL.
8. WET WELL AND VALVE VAULT COVERS SHALL BE ALUMINUM WITH 316 S.S. HARDWARE AND LOCK BRACKET. SIZE AS REQUIRED BY PUMP MANUFACTURER AND APPROVED BY THE CITY.
9. FLEXIBLE COUPLING SHALL BE SLEEVE TYPE.
10. PUMPS SHALL BE:

    MANUFACTURER: _____; MODEL: _____; IMP: _____; DIA: _____;
    MM, SPEED: _____ RPM; DISCHARGE SIZE: _____ IN.; VOLTAGE: _____;
    HZ.: _____; PHASE: _____; H.P.: _____;
    MIN. SOLID SIZE: _____ IN.; CURVE: _____.

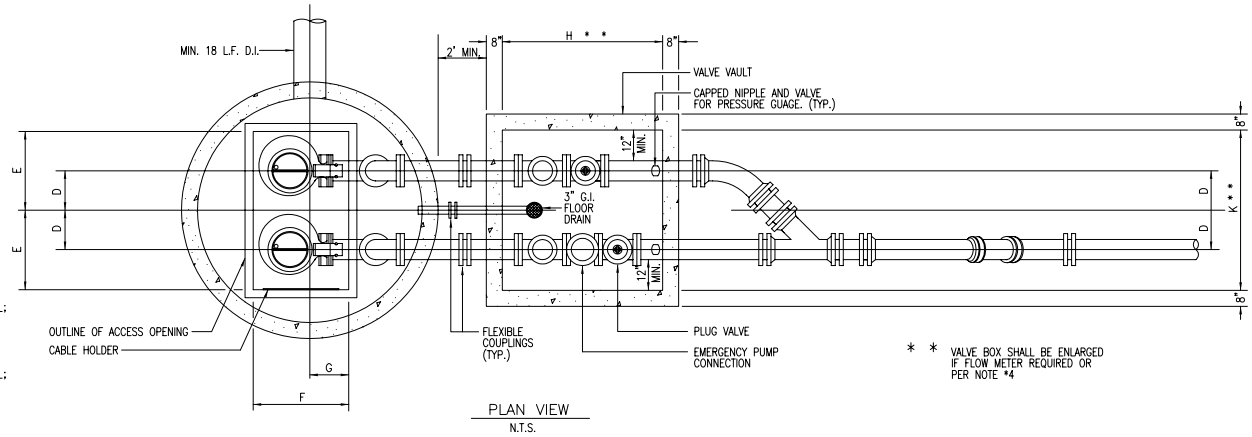
    MANUFACTURER: _____; MODEL: _____; IMP: _____; DIA: _____;
    MM, SPEED: _____ RPM; DISCHARGE SIZE: _____ IN.; VOLTAGE: _____;
    HZ.: _____; PHASE: _____; H.P.: _____;
    MIN. SOLID SIZE: _____ IN.; CURVE: _____.

    MANUFACTURER: _____; MODEL: _____; IMP: _____; DIA: _____;
    MM, SPEED: _____ RPM; DISCHARGE SIZE: _____ IN.; VOLTAGE: _____;
    HZ.: _____; PHASE: _____; H.P.: _____;
    MIN. SOLID SIZE: _____ IN.; CURVE: _____.

11. OPERATING CONDITIONS SHALL BE _____ GPM AT _____ FEET TDH.
12. ALL HARDWARE IN WET WELL AND VALVE BOX TO BE STAINLESS STEEL.
13. CONTRACTOR MAY INSTALL A "P" TRAP BETWEEN THE VALVE VAULT AND WET WELL AS AN ALTERNATIVE TO THE FLOOR DRAIN SHOWN.
14. CABLE HOLDER SHALL BE ON THE SAME SIDE OF WET WELL AS CONTROL PANEL.

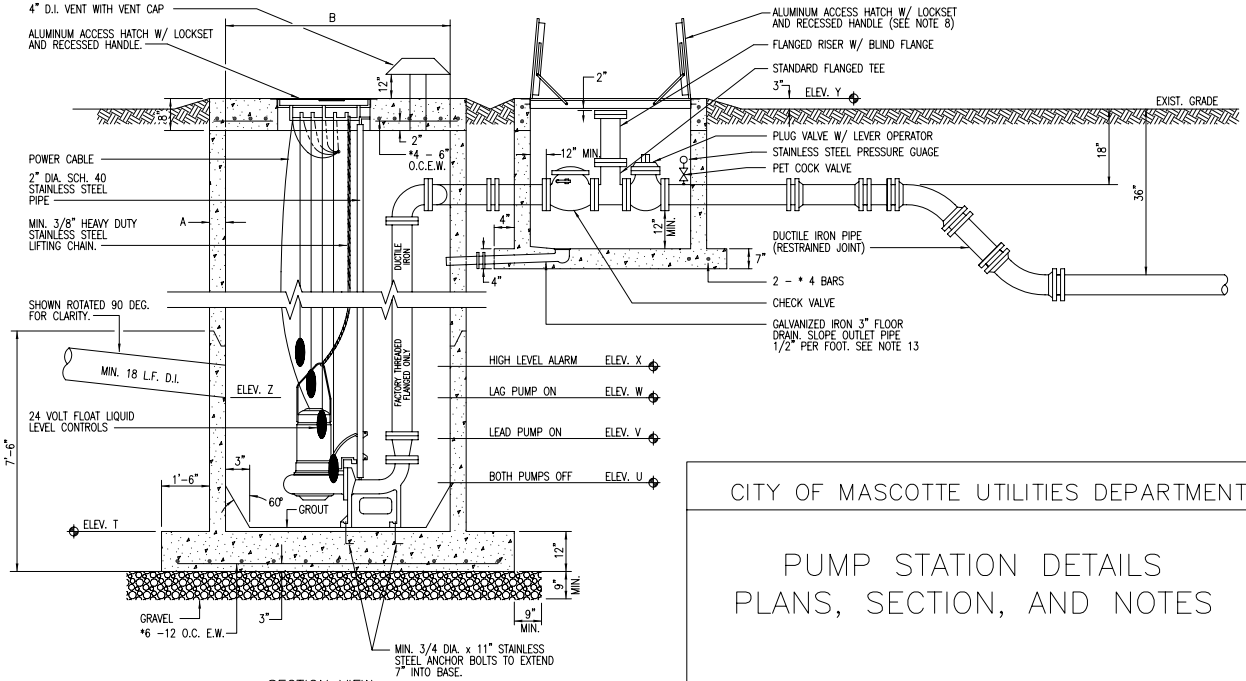
PUMPING STATIONS	DIMENSIONS	ELEV. AT CONST.
DIM A	8" MIN.	
DIM B	6'-0" MIN.	
DIM C	*	
DIM D	*	
DIM E	*	
DIM F	*	
DIM G	*	
DIM H	6'-0" MIN.	
DIM J		
DIM K	4'-8" MIN.	
ELEV T		0.00
ELEV U		
ELEV V		
ELEV W		
ELEV X		
ELEV Y		
ELEV Z		4'-6" MIN.

* PER PUMP MANUFACTURERS REQUIREMENT



PLAN VIEW

N.T.S.



SECTION VIEW

N.T.S.

CITY OF MASCOTTE UTILITIES DEPARTMENT

PUMP STATION DETAILS PLANS, SECTION, AND NOTES

DATE:	DWG: LIFTSTA	FIG: 301