PUMP STATION SPECIFICATIONS:
NAME: **GOLDENDALE GOLF CLUB**
STATION MODEL: **WATERTRONICS #VTVE-25/25/5-500-120**

STATION TOTAL PERFORMANCE:
500 GPM @ 120 PSI
PUMP HORSEPOWER:
SUSTAIN PUMP: 5HP
PUMP NO. **1,2 - 25HP**
CHECK VALVE SIZES:
SUSTAIN-BUILT IN PUMP
PUMP 1,2-6"
ISOLATION VALVE SIZES:
SUSTAIN PUMP: 2"
PUMP NO.**1,2**. 5"
DISCHARGE ISOLATION VALVE SIZE: 8"
RELIEF VALVE SIZE: 4"
PUMP STATION DISCONNECT: 400 AMP
POWER REQUIREMENTS: 460 V, 60 HZ, 3 PHZ, 299 FLA

WET WELL DIMS: .....**Ø 72"**

WET WELL DEPTH: ..... **144"**

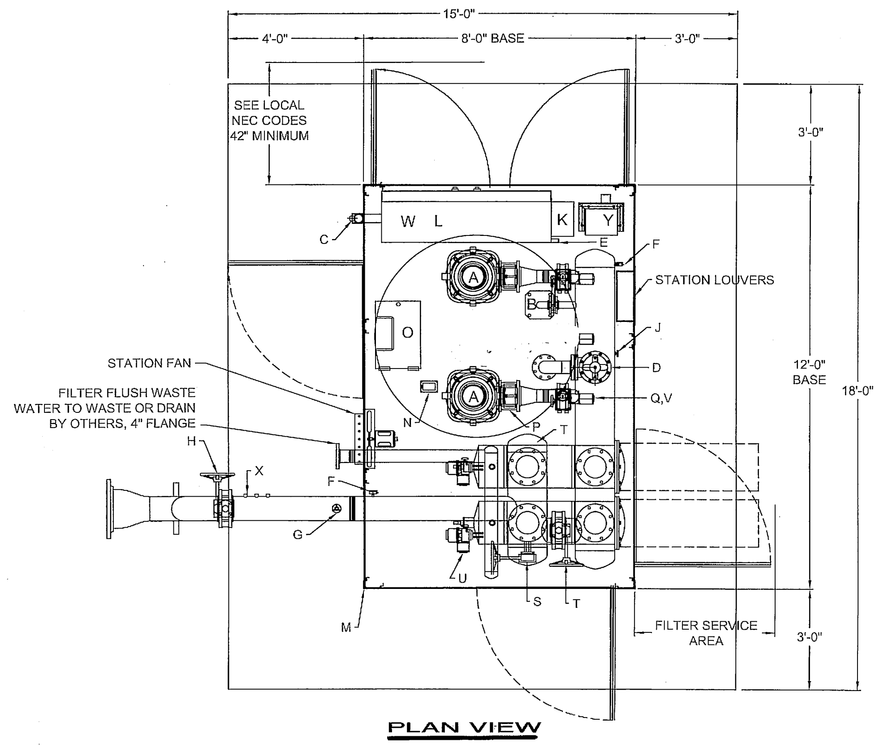
MAIN LINE CONNECTION: *FLG*
NOMINAL PIPE SIZE: *..14"*
TYPE: *14" ANSI 150# FLG*

DROP PIPE COVER:..... **36"**

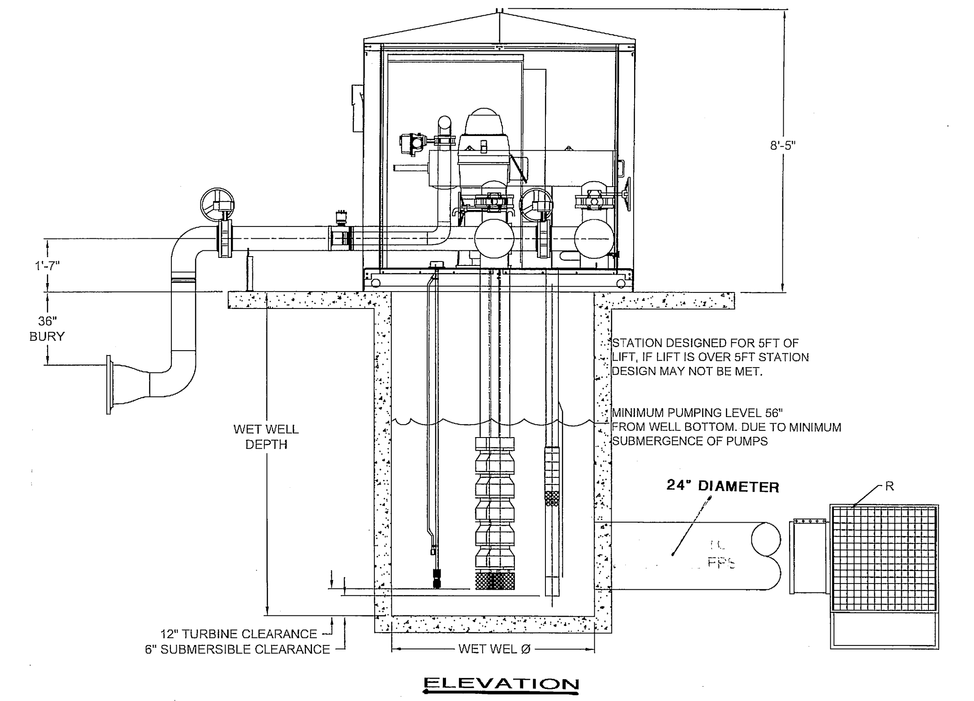
INTAKE FLUME SIZE:.....**Ø 24"**

INTAKE FLUME MATERIAL:..... **CLASS 100 PVC**

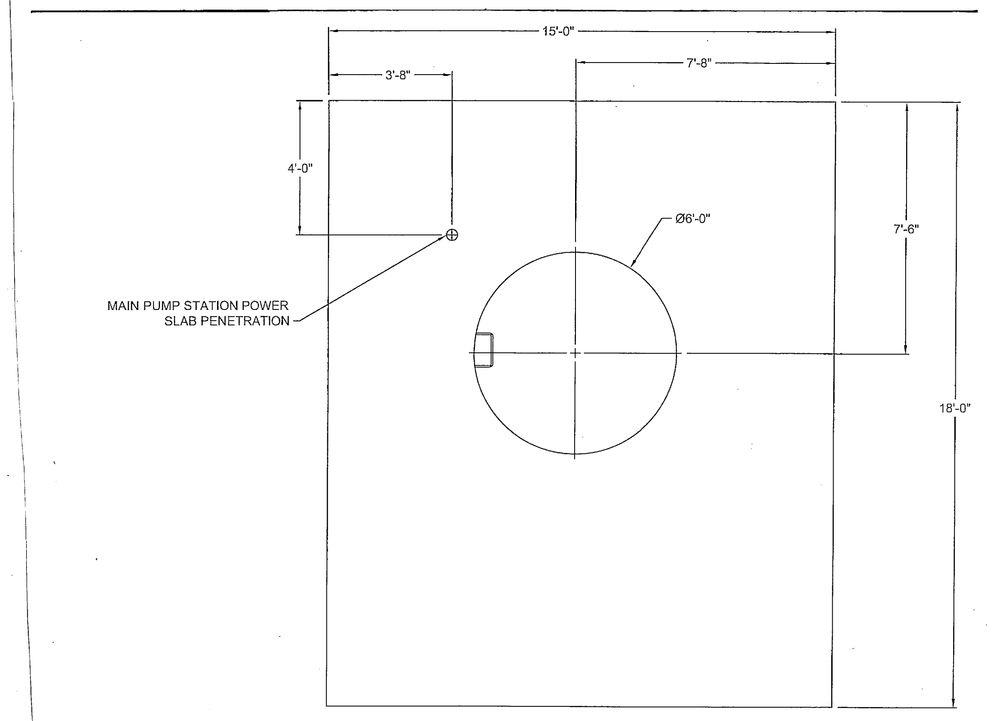
STATION COMPONENTS:
A **25HP** MAIN PUMP AND MOTOR
B 5HP SUSTAIN PUMP AND MOTOR
C ELECTRICAL SERVICE ELBOW
D PRESSURE RELIEF VALVE
E PRESSURE TRANSDUCER (CABINET MOUNTED)
F PRESSURE GAUGE LIQUID FILLED
G FLOW SENSOR W/ OUTDOOR COVER
H STATION ISOLATION VALVE
I V-1000 FILTER W/ 300 MICRON SCREEN
J HOSE BIB CONNECTION
K HEAT EXCHANGER
L CONTROL CABINET
M COMPOSITE STATION ENCLOSURE (GREEN)
N LEVEL SENSOR W/ FLOAT
O WELL HATCH
P CHECK VALVE
Q PUMP ISOLATION VALVE
R S.S. INTAKE SCREEN
S FILTER ISOLATION VALVE
T FILTER BY-PASS VALVE
U ELECTRONIC BUTTERFLY VALVE FOR FILTER AUTO FLUSH
V ELECTRONIC BUTTERFLY VALVE FOR VFD BACK-UP (OPTION)
W FUSABLE DISCONNECT IN PANEL
X FERTIGATION PORTS (3)-3/4"
Y 5KVA POWER PACK
Z 14" FLG DROP PIPE WITH SWIVEL CONNECTION
AA COMMUNICATION J-BOX



PLAN VIEW



ELEVATION



WELL/SLAB LAYOUT

REVISIONS	BY

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IRRIGATION DESIGN & PLANNING
18298 S SPRINGWATER ROAD
ESTACADA, OR 97023-9649
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IRRIGATION SYSTEM
PUMPING SYSTEM

GOLDENDALE
GOLF CLUB
GOLDENDALE, WASHINGTON

DRAWN	HDY/SRY
CHECKED	
DATE	FEBRUARY 17, 2010
SCALE	NONE
JOB NO.	
SHEET	4

OF 4 SHEETS