

4" SCH. 40 HOT DIPPED GALVANIZED W/ 180° BEND

2-1/2" PVC COUPLER HOLE IN BOTH SIDES OF VALVE CHAMBER (CAP ONE SIDE, USE OTHER WALL FOR POWER AND CONTROL WIRES)

"HALLIDAY UPPER GUIDE BRACKET"

60" x 60" ACCESS HATCH TO BE "HALLIDAY" MODEL NO. S2S6060

4" PVC COUPLER

24" x 60" ACCESS HATCH TO BE "HALLIDAY" MODEL NO. S1S2460

HALLIDAY SAFETY POST SERIES L1E (TYP)

JUNCTION BOX

WATER AND GAS SEALED

ELEV. 606.5

8"

SEE "QUICK CONNECT" DETAIL

3" SDR 21 PVC FORCE MAIN

FL=603.17

2'-8"

16"

ELEV. 601.83

12"

24" MIN.

A-A-LOK GASKET

SLOPE FLOOR

ADJUSTABLE PIPE CRADLE JACKS

4"

10"

10"

10"

CHAMBER DRAIN (SEE DETAIL THIS SHEET)

2" SCHEDULE 80 PVC

STAINLESS STEEL SUPPORT BRACKET PER PUMP MANUFACTURER

2" SLIDE RAILS

PUMP LIFTING CHAIN

HIGH WATER ALARM - ELEV. 594.20

LAG PUMP ON - ELEV. 593.70

LEAD PUMP ON - ELEV. 593.20

LEAD & LAG PUMP OFF (100% PUMP HEIGHT) ELEV. 592.20

60" GROUTED

12"

12" (MIN.) COMPACTED GRANULAR FILL

8" D.I.P. INFLUENT LINE FL=602.50

CONCRETE COUNTER WEIGHT (CALCULATIONS INCLUDED IN DESIGN REPORT BOOKLET)

2'-0"

2" x 4" KEYWAY JOINT ELEV. 599.00

BUTYL-ROPE SEALANT AT JOINTS (TYP)

SEAL WET WELL WITH COMMERCIAL GRADE WATER PROOFING.

12" D.I.P. TO STORAGE FL=594.20

MIN. 2' COMPACTED EARTH FILL AROUND LIFT STATION

PUMP - ABS MODEL PIR M25/2W 60HZ OR EQUAL

ELEV. 590.00

WET WELL

PUMP

PUMP

DISCHARGE PIPES

STAINLESS STEEL STRAP AROUND PIPE

STAINLESS STEEL ANGLE

STAINLESS STEEL ANCHORS (TYP.)

DIMENSION PER MANUFACTURER

The technical drawings illustrate the dimensions and components of the strap:

- PLAN VIEW:** Shows the top-down perspective of the strap. It is a long, narrow rectangular piece with rounded ends. The total length is dimensioned as 5'-0". The width is dimensioned as 1". The strap features a series of evenly spaced holes along its length, labeled as 1/2 HOLES. The ends of the strap are reinforced with STAINLESS STEEL ANGLE.
- FRONT VIEW:** Shows the side profile of the strap. It highlights the thickness of the material and the profile of the holes. A note indicates that the HOLE SPACING TO BE DETERMINED BY STRAP SIZE.

PICKETT RAY & SILVER

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Prepared For:
SUMMIT POINTE L.C.

REVISIONS		
NO.	DATE	
1	10/25/04	REVISED PER CITY
3	12/20/04	REVISED PER DCSD
4	02/03/05	REVISED PER DCSD
6	02/18/05	REVISED PER CITY OF FALLON

ENGINEERS' AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthenticated.

PICKETT, RAY & SILVER, INC.



DRAWN DKL	DATE 6-29-04
CHECKED EAK	DATE 6-29-04
PROJECT # 01267.SUPO.02R	
TASK # 2	FIELD BOOK

WYNDGATE
PUMP STATION
MECHANICAL DETAILS