PRECAST CONCRETE VAULT (INCLUDING MANHOLE FRAMES & COVERS, 4" AIR VENTS, RINGS, AND PIPE SLEEVES IMBEDDED IN WALLS) SHALL BE SUPPLIED BY THE OWNER AND INSTALLED BY THE CONTRACTOR.

2. ANY DAMAGE TO THE PRECAST ELEMENTS DURING INSTALLATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. COSTS FOR REPAIR SHALL BE BORNE BY THE CONTRACTOR.

3. SEE MECHANICAL DRAWINGS FOR PIPING LAYOUT (NOT SHOWN).

LEGEND:
1. PROVIDE 12" PVC FLANGE, ANSI 112.6, SCH. 80, SOCKET TYPE (VANSTONE STYLE) TO OWNER FOR INSTALLATION BY OTHERS.
2. 3" PVC COUPLING, FIP/SOC, SCH. 40.
3. 3" PVC NIPPLES, SCH. 40, ENDS TO MATCH FITTINGS, LENGTH TO SUIT.
4. 3" PVC 90° ELLBOW, SCH. 40, SOC.
5. 2-1/2" PVC TEE, SCH. 40, 30. BELLOWS, SCH. 40, INSTALL SAMPLING BB IN VALVE BOX.
6. 1 1/2" BRASS 90° ELBOW.
7. 1/2" PVC 90° ELLBOW, SCH. 40.
8. 2 1/2" PVC NIPPLES, SCH. 40, LENGTH TO SUIT.
9. 3" BRASS GATE VALVE, 200psi, NPS, PER ASTM B-62.
10. CARSON MODEL, #1200-13, JUMBO RECTANGULAR VALVE BOX WITH COVER (24"X18"X18").

NOTES:

1. PRECAST CONCRETE VAULT (INCLUDING MANHOLE FRAMES & COVERS, 4" AIR VENTS, RINGS, AND PIPE SLEEVES IMBEDDED IN WALLS) SHALL BE SUPPLIED BY THE OWNER AND INSTALLED BY THE CONTRACTOR.

2. ANY DAMAGE TO THE PRECAST ELEMENTS DURING INSTALLATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. COSTS FOR REPAIR SHALL BE BORNE BY THE CONTRACTOR.

3. SEE MECHANICAL DRAWINGS FOR PIPING LAYOUT (NOT SHOWN).

TOTAL COVER PLAN
SCALE: 3/8" = 1'-0"

TOP COVER PLAN
SCALE: 3/8" = 1'-0"

BOTTOM SLAB PLAN
SCALE: 3/8" = 1'-0"
SOUNDING TUBE CONNECTION. FOR DETAIL SEE SHEET M-1

FOR CONTINUATION SEE MECHANICAL PLANS

TOP OF FLANGE ELEVATION = 30.22' (MSL)

VAULT FLOOR

3" G.I. PIPE COLUMN, SCH. 40

1" PVC PIPE, SCH. 40, FOR SOUNOEING TUBE, STRAPPED TO COLUMN

S.S. STRAPS @ 5'-0" O.C.

TOP OF PERFORATED CASING

ELEV. = -4.0

3" COLUMN CHECK VALVE, NPT

PRESENT STATIC WATER

ELEV. = 1.5

PUMP INTAKE ELEVATION

ELEV. = (-)7.0

SUBMERSIBLE PUMP & MOTOR, 208 V, 3 PH. 60 HZ

WITH THE FOLLOWING SPECIFICATIONS:

1. PUMP PERFORMANCE: 110 GPM @ 208 FT. OF HEAD
2. MOTOR: 10 HP SUBMERSIBLE MOTOR, 230V, 3PH, 60 Hz

BOTTOM OF PUMP

ELEV. = (-)4.5

BOTTOM OF PERFORATED CASING

ELEV. = (-)8.0

WELL SECTION (FOR PUMP CONTRACTOR ONLY)

Not to Scale
WELL NO. 2001-09

EXHIBIT 1