



64' X 55' LIFT STATION

SEE LIFT STATION
PLANS SUBMITTED
BY ROMTEC

6' BLOCK WALL

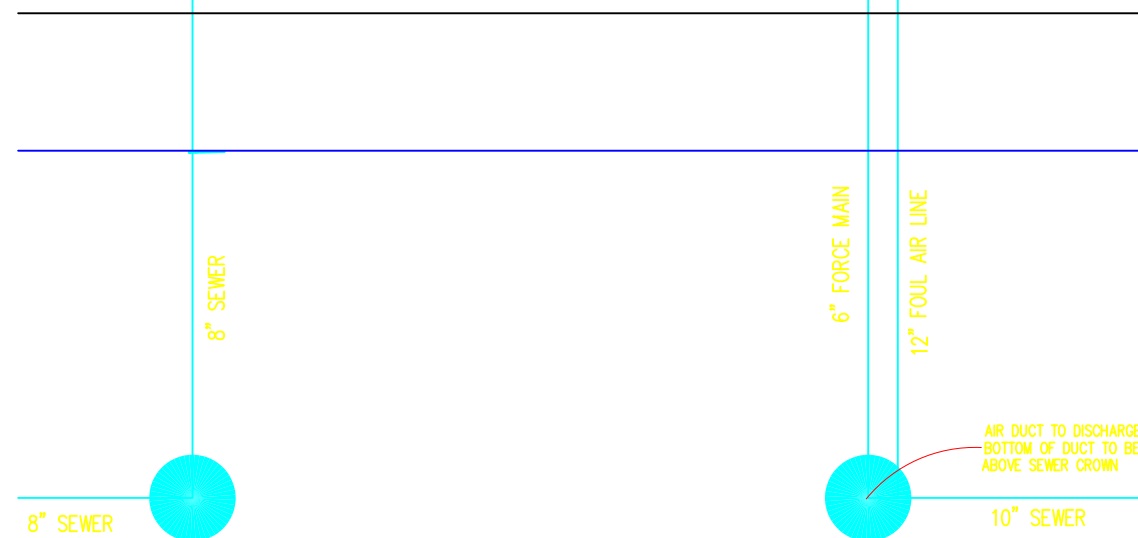
PRESSURE CLEANOUT
& BYPASS DISCHARGE
CONNECTIONS

12" FOUL AIR LINE

METER PEDESTAL

16' GATE

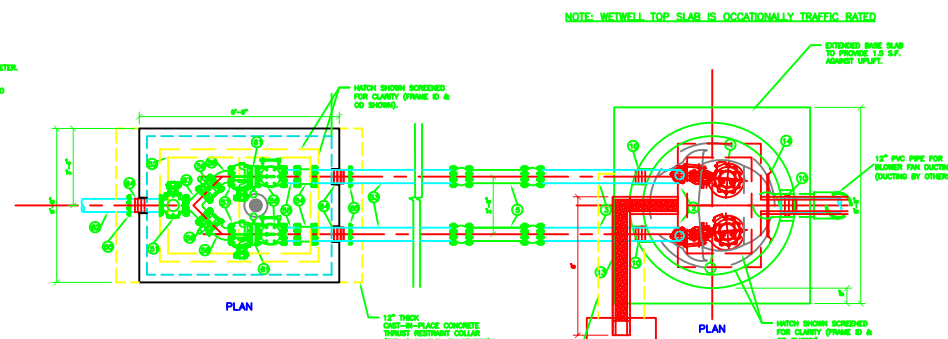
CONSTRUCT LIFT STATION
SEE DETAIL "B" HEREON



VEGA MEADOWS ROAD

WALL DESIGN NOTES:
1. ALL TYPES & WALLS WITH WALL ARE 6 INCH DIAMETER.
2. MATCH DESIGN LOADS OCCASIONALLY TRAFFIC LOADS.
3. HOLES AND WALL PENETRATION SYSTEM FACTORY TESTED TO 100 PSI AFTER ASSEMBLY.

- ① EMERGENCY PUMPING POINT
ELECTRIC FLOW VALVE 1/2" BEND
FLANGE, VALVING CHARACTERISTIC
18" FROM GEAR MOTOR AND HAND
WHEEL, MODEL 8808R/7A08.
- ② FLYGT ALUMINUM ACCESS HATCH
PRECAST INTO WET WELL TOP SLAB
FORM-10-14088 AD.
- ③ CL 52 DI PIPE SPOOL (FL x FI)
(TOP OF 4).
- ④ DI SLEEVE COUPLING, DI TO DI PIPE
(TOP OF 4).
- ⑤ DI PIPE SPOOL (FL x FI)
(TOP OF 4).
- ⑥ FLANGED CAST IRON BODY
HORIZONTAL, HAND OPERATE VALVE,
CLOSE STYLE TORQUE, OR APPROVED
EQUIV.
- ⑦ ELECTRIC FLOW VALVE WITH WORM
GEAR ACTUATOR AND 2-INCH
OPERATING HAT, UL-CLASS MODEL
8808R/7A08.
- ⑧ DI 45° BEND (FL x FL)
(TOP OF 4).
- ⑨ DI PIPE SPOOL (FL x FI)
(TOP OF 4).
- ⑩ DI TEE (FL x FL)
(TOP OF 4).
- ⑪ ISOLATION RING, ABRASION-RESISTANT
WITH 3 1/2" PRESSURE GRADE,
ADJUSTABLE DURALIFE TYPE 1000.
- ⑫ DI PIPE SPOOL (FL x FI)
(TOP OF 4).
- ⑬ ADJUSTABLE PIPE SUPPORT, STANDOFF
(TOP OF 4).
- ⑭ VALVE SEAL, LATERAL, OR APPROVED
EQUIV. (TOP OF 3).
- ⑮ GROUNDWATER PENETRATED IN THURST
COLLAR, BARR O-RING
(TOP OF 3).
- ⑯ NOT USED.
- ⑰ DI TRUE WYE (FL x FL)
(TOP OF 4).
- ⑱ PRECAST VALVE RAMP FOR SLUMP
PUMP OR GROUT DRAIN TO
APPROVED POINT.
- ⑲ GROUTY GRAVEL 2" STRIPPER, 2"
P-TYPE ASSEMBLY, 2" PIPE (DIN
40), 2" FLAPPER VALVE AT END OF
PIPE BRIDGE WET WELL (BY
OTHERS).
- ⑳ MANUAL AIR BLEED ASSEMBLY:
A - SERVICE HANDLE W/
1/2" DIA. (P)
B - 1/2" STAINLESS STEEL
BALL VALVE
C - 1/2" STAINLESS STEEL
RETURN HANDLE
D - 1/2" x 1/2" 90° ELL
E - 1/2" x 1/2" PVC INCHGARD
F - 2" SCH. 40 PIPE (TYP)



NOTE: VAULT TOP SLAB IS OCCASIONALLY TRAFFIC RATED

PROFILE
6" VALVE VAULT
SCALE: 1/2" = 1'-0"

WET WELL LEVEL SETTINGS:

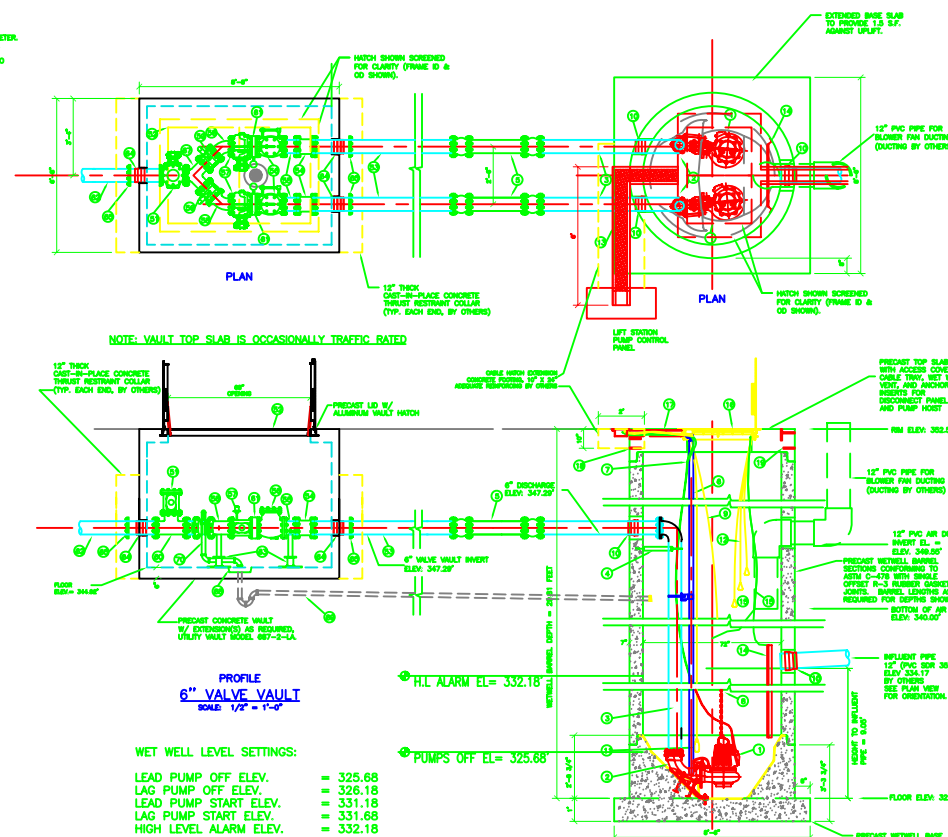
LEAD PUMP OFF ELEV.	= 325.68
LAG PUMP OFF ELEV.	= 326.18
LEAD PUMP START ELEV.	= 331.18
LAG PUMP START ELEV.	= 331.68
HIGH LEVEL ALARM ELEV.	= 332.18

NOTE: FOR PUMP SPECIFICATION CHECK ROMTEC SUBMITTAL DATED MAY 19, 2006.

METER PEDESTAL IS 16' FROM PROPERTY LINE

NOTE: ALL WORK IS TO BE IN ACCORDANCE WITH THE CITY OF BAKERSFIELD
SUBDIVISION & ENGINEERING DESIGN MANUAL DATED JULY 1989 AND ALL SUBSEQUENT
POLICIES INVOKED BY THE CITY ENGINEER. ALL WORK IS TO COMPLY WITH APPENDIX A
"SEWER PUMP STATION SPECIFICATION" WITH EXCEPTIONS AS NOTED IN THE ROMTEC
SUBMITTAL DATED MAY 19, 2006.

NOTE: WETWELL TOP SLAB IS OCCASIONALLY TRAFFIC RATED



PROFILE
6" DIAMETER WETWELL
SCALE: 1/4" = 1'-0"

DETAIL "B"
LIFT STATION SITE PLAN

- ① SUBMERSIBLE HIGH-CLEAR BRACKET PUMPS, FLYGT
MODEL MP-3127 (400) 1/2" OF CABLE
PROVIDE ONE PUMP WITH SET FLUSH VALVE.
- ② 6-INCH FLYGT DISCHARGE ELBOW.
- ③ 4" STAINLESS STEEL DISCHARGE PIPING (SCHED
40 FACTORY TESTED). PROVIDE ALL PIPE
PENETRATIONS WITH RUBBER BOOTS
(DIN-40-SEAL).
- ④ STAINLESS STEEL DISCHARGE PIPE ANCHOR
BRACKET.
- ⑤ FLEXIBLE EXPANSION COUPLING, ROMAC FLEXAID.
- ⑥ TWO 2-INCH SCHEDULE 40 STAINLESS STEEL
ANCHOR BOLTS FOR EACH PUMP (FULL HEIGHT).
ATTACH TO MATCH LEM-STRUT WITH FLYGT UPPER
GUIDE BAR BRACKET.
- ⑦ PUMP POWER CABLE WITH QUICK CONNECT
COUPLERS AT PUMP CONTROL PANEL. PROVIDE
EACH CABLE WITH A STAINLESS STEEL BRACKET
CABLE CLIP ATTACHED TO HOOK ON UPPER GUIDE
BAR BRACKET.
- ⑧ STAINLESS STEEL DRIVE SLING FOR PUMP
RETRIEVAL, USED FLYGT SMP-ETC. ATTACH TO
PUMP LIFTING HANDLE.
- ⑨ 1/4" STAINLESS STEEL CHAIN (5-4) ATTACHED TO
PUMP HANDLE. PROVIDE CHAIN WITH 1/4" x 1/2"
STAINLESS STEEL SHOCK BRACKLE WITH 1/4" x 1/2"
STAINLESS STEEL SHOCK BRACKLE WITH 1/4" x 1/2"
OF CHAIN TO HOOK ON UPPER GUIDE BAR BRACKET.
- ⑩ WETWELL SEAL, LATERAL, OR APPROVED EQUIV.
- ⑪ PUMP LIQUID LEVEL CONTROL PRESSURE
TRANSFORMER, FLUID LEVEL, PROVIDE HEAVILY
REINFORCED STAINLESS STEEL CABLE.
- ⑫ CABLE WITH EXTENSION SET FOOT (F)
WITH LEFT HAND 90° TRANSITION.
- ⑬ WETWELL REFLECTOR WITH FULL SIZE
INSPECTOR HOLE AND DULCITE COVER.
- ⑭ 1/4" STAINLESS STEEL LIFTING CABLE FOR
DULCITE INSPECTOR HOLE COVER.
PERMANENTLY ATTACH UPPER END OF CABLE TO
MATCH LEM-STRUT.
- ⑮ FLYGT ALUMINUM ACCESS HATCH PRECAST INTO
WETWELL TOP SLAB. PROVIDE WITH OFF-HATCH
SAFETY GEAR BY FLYGT, FLD-10-31-SHAUGH.
PROVIDE SLAM-LOCK AND RECESSED PARALOCK
HATCH.
- ⑯ ALUMINUM CABLE HATCH AND WETWELL VENT
PRECAST INTO WETWELL TOP SLAB. PROVIDE WITH
STAINLESS STEEL HINGES AND SLAM-LOCK.
- ⑰ STAINLESS STEEL ANCHOR BOLTS FOR PUMP
RETRIEVAL PANEL.
- ⑱ STAINLESS STEEL ANCHOR BOLTS FOR PUMP
START CRANE SLING.
- ⑳ NOT USED.

PROVIDE WETWELL AND UNDERSIDE OF TOP SLAB WITH
AMERON T-LOCK PVC SHEET LINING.