

September 16, 2016

Answers to Questions regarding the Baker Field Tennis Court Technical Drawings

1. The invert of the 12" HDPE pipe at Drain Manhole 1 is Elev 8.42. The top of this pipe would be about at Elev 9.75. This would leave only about 4 inches of cover over the pipe at the structure and room for only a 4 inch frame and cover. Similar circumstance at Drain Manhole 2. Please Advise.

A: See revised specifications and SKC-1. All drainage pipe shall be SCHEDULE 40 PVC. Groundwater limits the depth of the drainage system components. Use of 6" high cast iron frames for the manhole covers may be required if final grading does not allow use of 8" high frames.

2. There is a significant grade change in the parking lot to accommodate the proposed handicap parking space. A plan showing the expected limit of grading in the existing lot should be included.

A: See SKC-1 for the approximate limits of the grading in the parking lot in connection with construction of the accessible parking space. The limit is approximately 20' to the west and south of the accessible parking space.

c. Seton Name Plate Corp.

2.02 PIPES AND PIPE FITTINGS

~~A. High Density Corrugated Polyethylene Smooth Interior Pipe: ASTM D3350, AASHTO M294, AASHTO M252.~~

- ~~1. Fittings: HDPE, AASHTO M252 or AASHTO M294.~~
- ~~2. Coupling bands shall cover at least one full corrugation on each section of pipe. When gasketed coupling bands are required, the gasket shall be made of closed-cell synthetic expanded rubber meeting the requirements of ASTM D1056, Grade RE2. All gaskets shall be installed on the coupler by the pipe manufacturer prior to delivery to the job site all coupling bands shall meet or exceed the soil-tightness requirements of the AASHTO Standard Specifications for Highway Bridges, Section 23, paragraph 23.3.1.5.4 (e). Fittings shall conform to the requirements of AASHTO M294.~~

B. Schedule 40 PVC Pipe and Fittings: ASTM D2665, Solvent-welded fittings

2.03 DRAINAGE MANHOLES (DMHs)

A. General: Provide precast reinforced concrete drainage manholes as indicated.

1. Basin: Precast reinforced concrete, 48" inside diameter, with flat slab top, base riser section with integral floor.
2. Frame and Cover: Ductile-iron, 26" diameter cover, heavy-duty, indented top design, with lettering cast into top reading "DRAIN", as indicated on the drawings.
3. Pipe Connectors: Resilient, complying with ASTM C 923.
4. Risers: Precast concrete with mortared joints

2.04 LEACHING RECHARGE BASIN (LRB)

A. General: heavy-duty, arch-shaped, interconnecting plastic leaching basins. Height = 18.5 inches; Base Width = 33 inches

B. See drawings for layout

PART 3 - EXECUTION

3.01 INSTALLATION OF IDENTIFICATION

A. General: During back-filling of storm drainage systems, install continuous underground-type plastic line marker, located directly over buried line at 24" above top of pipe.

3.02 INSTALLATION OF PIPE AND PIPE FITTINGS