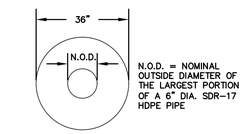
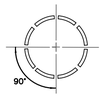


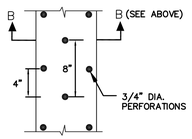

PLAN
SECTION A–A

**HDPE GEOCOMPOSITE WELL WASHER DETAIL**

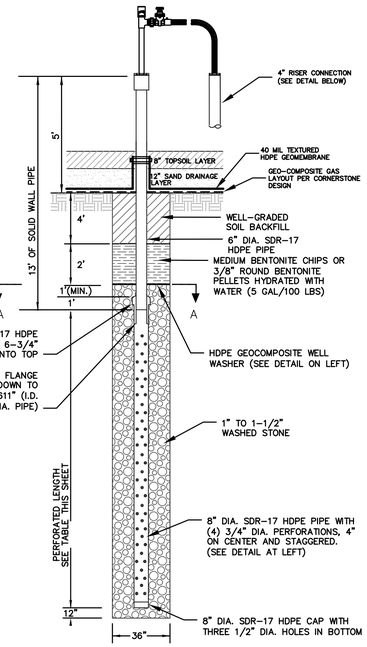
NOT TO SCALE




SECTION B–B
NOT TO SCALE

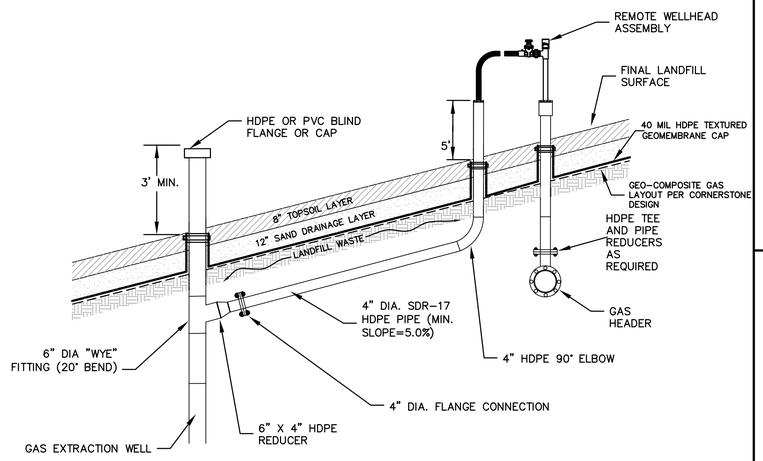



PERFORATED WELL PIPE DETAIL
NOT TO SCALE




**GAS WELL DETAIL**

NOT TO SCALE

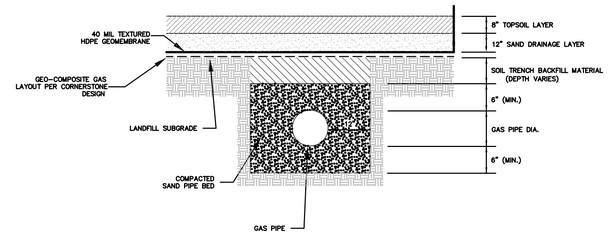



**DOWNSLOPE WELL/REMOTE WELLHEAD DETAIL**

NOT TO SCALE

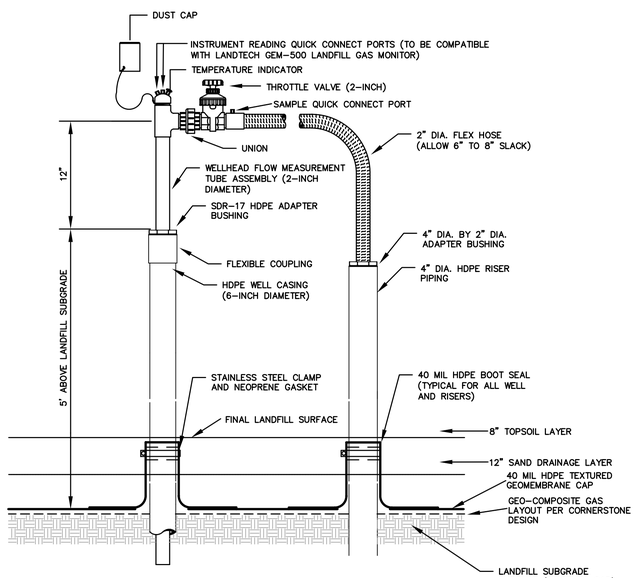
## GAS EXTRACTION WELL DEPTH SCHEDULE

| GAS WELL NUMBER | FINAL COVER SYSTEM SUBGRADE EL. (APPROX.) | BOTTOM OF LANDFILL ELEVATIONS (APPROX.) | BOREHOLE DRILL DEPTH (FEET) | PERFORATED PIPE LENGTH (IN FEET) | SOLID PIPE LENGTH (FEET) (INCLUDING RISER) |
|---|---|---|---|---|---|
| EW–7 | 118.0 | 50.0 | 68.0 | 59.0 | 13' |
| EW–10 | 118.0 | 49.0 | 69.0 | 60.0 | 13' |
| EW–11 | 89.0 | 40.0 | 49.0 | 40.0 | 13' |
| EW–12 | 82.0 | 49.0 | 33.0 | 24.0 | 13' |
| EW–13 | 110.0 | 50.0 | 60.0 | 51.0 | 13' |
| EW–14 | 116.0 | 48.0 | 68.0 | 59.0 | 13' |
| EW–15 | 88.0 | 45.0 | 43.0 | 34.0 | 13' |
| EW–16 | 116.5 | 45.0 | 71.5 | 62.5 | 13' |



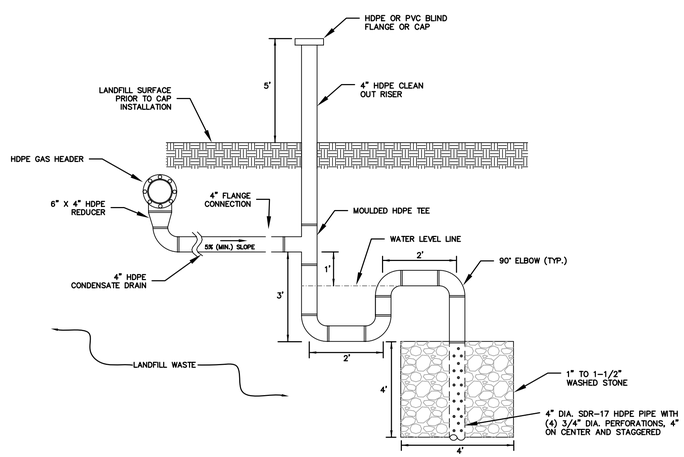

**HEADER PIPE TRENCH DETAIL**

NOT TO SCALE



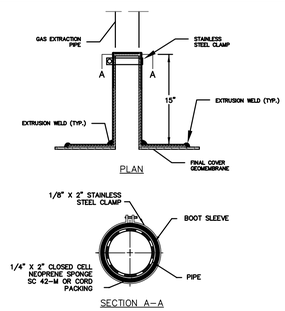

**LANDFILL WELLHEAD ASSEMBLY**

NOT TO SCALE



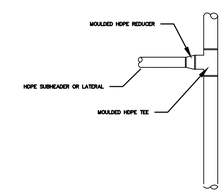

**CONDENSATE INFILTRATOR DETAIL**

NOT TO SCALE



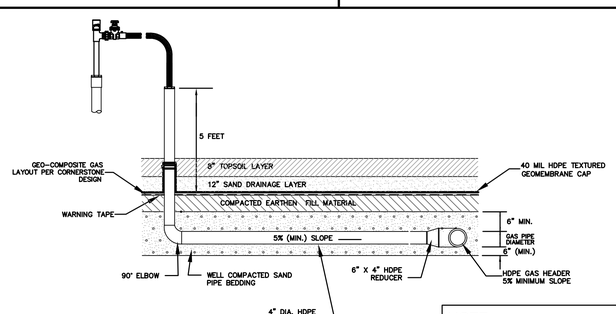

**PREFABRICATED GEOMEMBRANE BOOT**

NOT TO SCALE




**LATERAL/HEADER JUNCTION DETAIL**

NOT TO SCALE




**WELL LATERAL DETAIL**

NOT TO SCALE

NOTE:
REFER TO DESIGN DRAWINGS BY CORNERSTONE ENVIRONMENTAL GROUP, LLC FOR INDEPENDENT HORIZONTAL COLLECTION SYSTEM DETAILS AND LAYOUT FOR VERTICAL GAS WELLS AND PIPING.

| No. | Date | Revision Description | Chkd. by | Apprvd. by |
|---|---|---|---|---|
| 1 | 12/20/06 | Revised Details per Cornerstone Design. | | |

scale: AS SHOWN
date: MAR. 3, 2006
drawn: JAC
checked: MQ
approved: ARQ
drawing number: 8

project: CORRECTIVE ACTION DESIGN
CROW LANE LANDFILL
NEWBURYPORT, MASSACHUSETTS

client: NEW VENTURES ASSOCIATES, L.L.C.

drawing title: LANDFILL GAS MANAGEMENT SYSTEM DETAILS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File No. SE05-533