

CONSTRUCTION DETAILS

ESTATES VILLAS AT HIGHGROVE
PROJ. NO. 98-02-036

CD2

PIPE COLLARS

GENERAL NOTES:

- Use only approved pipe collars.
- Collars shall be installed in Class B concrete.
- Collars shall be installed in Class B concrete.
- Collars shall be installed in Class B concrete.

TABLE NO. 1

PIPE SIZE (IN)	MINIMUM CONCRETE THICKNESS (IN)	MINIMUM CONCRETE STRENGTH (PSI)
12	4	3000
18	4	3000
24	4	3000
30	4	3000
36	4	3000
42	4	3000
48	4	3000
54	4	3000
60	4	3000
66	4	3000
72	4	3000
78	4	3000
84	4	3000
90	4	3000
96	4	3000
102	4	3000
108	4	3000
114	4	3000
120	4	3000
126	4	3000
132	4	3000
138	4	3000
144	4	3000
150	4	3000
156	4	3000
162	4	3000
168	4	3000
174	4	3000
180	4	3000
186	4	3000
192	4	3000
198	4	3000
204	4	3000
210	4	3000
216	4	3000
222	4	3000
228	4	3000
234	4	3000
240	4	3000
246	4	3000
252	4	3000
258	4	3000
264	4	3000
270	4	3000
276	4	3000
282	4	3000
288	4	3000
294	4	3000
300	4	3000

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI
DATE: 08/11/08

CHAIN-LINK FENCE

GENERAL NOTES:

- Use only approved chain-link fence.
- Chain-link fence shall be installed in Class B concrete.
- Chain-link fence shall be installed in Class B concrete.
- Chain-link fence shall be installed in Class B concrete.

TABLE NO. 2

POST SIZE (IN)	MINIMUM CONCRETE THICKNESS (IN)	MINIMUM CONCRETE STRENGTH (PSI)
1 1/2	4	3000
2	4	3000
2 1/2	4	3000
3	4	3000
3 1/2	4	3000
4	4	3000
4 1/2	4	3000
5	4	3000
5 1/2	4	3000
6	4	3000
6 1/2	4	3000
7	4	3000
7 1/2	4	3000
8	4	3000
8 1/2	4	3000
9	4	3000
9 1/2	4	3000
10	4	3000
10 1/2	4	3000
11	4	3000
11 1/2	4	3000
12	4	3000
12 1/2	4	3000
13	4	3000
13 1/2	4	3000
14	4	3000
14 1/2	4	3000
15	4	3000
15 1/2	4	3000
16	4	3000
16 1/2	4	3000
17	4	3000
17 1/2	4	3000
18	4	3000
18 1/2	4	3000
19	4	3000
19 1/2	4	3000
20	4	3000
20 1/2	4	3000
21	4	3000
21 1/2	4	3000
22	4	3000
22 1/2	4	3000
23	4	3000
23 1/2	4	3000
24	4	3000
24 1/2	4	3000
25	4	3000
25 1/2	4	3000
26	4	3000
26 1/2	4	3000
27	4	3000
27 1/2	4	3000
28	4	3000
28 1/2	4	3000
29	4	3000
29 1/2	4	3000
30	4	3000

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CHAIN-LINK FENCE

GENERAL NOTES:

- Use only approved chain-link fence.
- Chain-link fence shall be installed in Class B concrete.
- Chain-link fence shall be installed in Class B concrete.
- Chain-link fence shall be installed in Class B concrete.

TABLE NO. 3

POST SIZE (IN)	MINIMUM CONCRETE THICKNESS (IN)	MINIMUM CONCRETE STRENGTH (PSI)
1 1/2	4	3000
2	4	3000
2 1/2	4	3000
3	4	3000
3 1/2	4	3000
4	4	3000
4 1/2	4	3000
5	4	3000
5 1/2	4	3000
6	4	3000
6 1/2	4	3000
7	4	3000
7 1/2	4	3000
8	4	3000
8 1/2	4	3000
9	4	3000
9 1/2	4	3000
10	4	3000
10 1/2	4	3000
11	4	3000
11 1/2	4	3000
12	4	3000
12 1/2	4	3000
13	4	3000
13 1/2	4	3000
14	4	3000
14 1/2	4	3000
15	4	3000
15 1/2	4	3000
16	4	3000
16 1/2	4	3000
17	4	3000
17 1/2	4	3000
18	4	3000
18 1/2	4	3000
19	4	3000
19 1/2	4	3000
20	4	3000
20 1/2	4	3000
21	4	3000
21 1/2	4	3000
22	4	3000
22 1/2	4	3000
23	4	3000
23 1/2	4	3000
24	4	3000
24 1/2	4	3000
25	4	3000
25 1/2	4	3000
26	4	3000
26 1/2	4	3000
27	4	3000
27 1/2	4	3000
28	4	3000
28 1/2	4	3000
29	4	3000
29 1/2	4	3000
30	4	3000

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RAILROAD TIE RETAINING WALL

GENERAL NOTES:

- Use only approved railroad tie retaining wall.
- Retaining wall shall be installed in Class B concrete.
- Retaining wall shall be installed in Class B concrete.
- Retaining wall shall be installed in Class B concrete.

TABLE NO. 4

POST SIZE (IN)	MINIMUM CONCRETE THICKNESS (IN)	MINIMUM CONCRETE STRENGTH (PSI)
1 1/2	4	3000
2	4	3000
2 1/2	4	3000
3	4	3000
3 1/2	4	3000
4	4	3000
4 1/2	4	3000
5	4	3000
5 1/2	4	3000
6	4	3000
6 1/2	4	3000
7	4	3000
7 1/2	4	3000
8	4	3000
8 1/2	4	3000
9	4	3000
9 1/2	4	3000
10	4	3000
10 1/2	4	3000
11	4	3000
11 1/2	4	3000
12	4	3000
12 1/2	4	3000
13	4	3000
13 1/2	4	3000
14	4	3000
14 1/2	4	3000
15	4	3000
15 1/2	4	3000
16	4	3000
16 1/2	4	3000
17	4	3000
17 1/2	4	3000
18	4	3000
18 1/2	4	3000
19	4	3000
19 1/2	4	3000
20	4	3000
20 1/2	4	3000
21	4	3000
21 1/2	4	3000
22	4	3000
22 1/2	4	3000
23	4	3000
23 1/2	4	3000
24	4	3000
24 1/2	4	3000
25	4	3000
25 1/2	4	3000
26	4	3000
26 1/2	4	3000
27	4	3000
27 1/2	4	3000
28	4	3000
28 1/2	4	3000
29	4	3000
29 1/2	4	3000
30	4	3000

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PIPE BEDDING

GENERAL NOTES:

- Use only approved pipe bedding.
- Pipe bedding shall be installed in Class B concrete.
- Pipe bedding shall be installed in Class B concrete.
- Pipe bedding shall be installed in Class B concrete.

TABLE NO. 5

PIPE SIZE (IN)	MINIMUM CONCRETE THICKNESS (IN)	MINIMUM CONCRETE STRENGTH (PSI)
12	4	3000
18	4	3000
24	4	3000
30	4	3000
36	4	3000
42	4	3000
48	4	3000
54	4	3000
60	4	3000
66	4	3000
72	4	3000
78	4	3000
84	4	3000
90	4	3000
96	4	3000
102	4	3000
108	4	3000
114	4	3000
120	4	3000
126	4	3000
132	4	3000
138	4	3000
144	4	3000
150	4	3000
156	4	3000
162	4	3000
168	4	3000
174	4	3000
180	4	3000
186	4	3000
192	4	3000
198	4	3000
204	4	3000
210	4	3000
216	4	3000
222	4	3000
228	4	3000
234	4	3000
240	4	3000
246	4	3000
252	4	3000
258	4	3000
264	4	3000
270	4	3000
276	4	3000
282	4	3000
288	4	3000
294	4	3000
300	4	3000

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TEMPORARY TERMINATIONS OF THE ROADWAY PRESENT

GENERAL NOTES:

- Use only approved temporary terminations.
- Temporary terminations shall be installed in Class B concrete.
- Temporary terminations shall be installed in Class B concrete.
- Temporary terminations shall be installed in Class B concrete.

TABLE NO. 6

POST SIZE (IN)	MINIMUM CONCRETE THICKNESS (IN)	MINIMUM CONCRETE STRENGTH (PSI)
1 1/2	4	3000
2	4	3000
2 1/2	4	3000
3	4	3000
3 1/2	4	3000
4	4	3000
4 1/2	4	3000
5	4	3000
5 1/2	4	3000
6	4	3000
6 1/2	4	3000
7	4	3000
7 1/2	4	3000
8	4	3000
8 1/2	4	3000
9	4	3000
9 1/2	4	3000
10	4	3000
10 1/2	4	3000
11	4	3000
11 1/2	4	3000
12	4	3000
12 1/2	4	3000
13	4	3000
13 1/2	4	3000
14	4	3000
14 1/2	4	3000
15	4	3000
15 1/2	4	3000
16	4	3000
16 1/2	4	3000
17	4	3000
17 1/2	4	3000
18	4	3000
18 1/2	4	3000
19	4	3000
19 1/2	4	3000
20	4	3000
20 1/2	4	3000
21	4	3000
21 1/2	4	3000
22	4	3000
22 1/2	4	3000