

CONSTRUCTION DETAILS

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

CD3

CONCRETE MANHOLES

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI

APPROVED: [Signature]
DATE: 08/11/08 DRAWING: C604.24

GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- Items may not be at the same quality.
- Section may not apply at intersection.
- Section may or may not be symmetrical about centerline.
- For Type 3 manhole construction details refer to standard drawing C604.32 entitled "Grate Manhole".

STREET AND AREA INLETS

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI

APPROVED: [Signature]
DATE: 08/11/08 DRAWING: C604.25

GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- Items may not be at the same quality.
- Section may not apply at intersection.
- Section may or may not be symmetrical about centerline.
- For Type 3 manhole construction details refer to standard drawing C604.32 entitled "Grate Manhole".

GRATE INLETS

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI

APPROVED: [Signature]
DATE: 08/11/08 DRAWING: C604.26

GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- Items may not be at the same quality.
- Section may not apply at intersection.
- Section may or may not be symmetrical about centerline.
- For Type 3 manhole construction details refer to standard drawing C604.32 entitled "Grate Manhole".

GRATE INLET IN DITCH

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI

APPROVED: [Signature]
DATE: 08/11/08 DRAWING: C604.31

GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- Items may not be at the same quality.
- Section may not apply at intersection.
- Section may or may not be symmetrical about centerline.
- For Type 3 manhole construction details refer to standard drawing C604.32 entitled "Grate Manhole".

CANTED INLETS

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI

APPROVED: [Signature]
DATE: 08/11/08 DRAWING: C604.24

GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- For canted details refer to the Sewer Construction Detail "Street Inlet" Standard Drawing C604.26.
- When required the canted inlet (2) consists of setbacks on each side of the curb that are equal to meet the top of the curb stone elevation.
- Canted inlet to be used only when there is a 7.5' grass area or when there is no sidewalk present.
- Canted inlets allowed only when opposite the direction of traffic.
- Transition curb to meet top of manhole wall.

DOUBLE AND MULTIPLE INLETS

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI

APPROVED: [Signature]
DATE: 08/11/08 DRAWING: C604.27

GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- Items may not be at the same quality.
- Section may not apply at intersection.
- Section may or may not be symmetrical about centerline.
- For Type 3 manhole construction details refer to standard drawing C604.32 entitled "Grate Manhole".

STREET INLET SUMPS

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI

APPROVED: [Signature]
DATE: 08/11/08 DRAWING: C604.28

GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- Items may not be at the same quality.
- Section may not apply at intersection.
- Section may or may not be symmetrical about centerline.
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MANHOLES

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI

APPROVED: [Signature]
DATE: 08/11/08 DRAWING: C604.29

GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- Items may not be at the same quality.
- Section may not apply at intersection.
- Section may or may not be symmetrical about centerline.
- For Type 3 manhole construction details refer to standard drawing C604.32 entitled "Grate Manhole".

MANHOLE AND DROP STRUCTURE

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI

APPROVED: [Signature]
DATE: 08/11/08 DRAWING: C604.30

GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- Items may not be at the same quality.
- Section may not apply at intersection.
- Section may or may not be symmetrical about centerline.
- For Type 3 manhole construction details refer to standard drawing C604.32 entitled "Grate Manhole".

GRADED TROUGH

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI

APPROVED: [Signature]
DATE: 08/11/08 DRAWING: C604.33

GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- Items may not be at the same quality.
- Section may not apply at intersection.
- Section may or may not be symmetrical about centerline.
- For Type 3 manhole construction details refer to standard drawing C604.32 entitled "Grate Manhole".

CHANNEL COLLARS & LARGE SEWER CONNECTIONS

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI

APPROVED: [Signature]
DATE: 08/11/08 DRAWING: C604.34

GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- Items may not be at the same quality.
- Section may not apply at intersection.
- Section may or may not be symmetrical about centerline.
- For Type 3 manhole construction details refer to standard drawing C604.32 entitled "Grate Manhole".

SMALL SEWER CONNECTIONS

ST. LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI

APPROVED: [Signature]
DATE: 08/11/08 DRAWING: C604.35

GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- Items may not be at the same quality.
- Section may not apply at intersection.
- Section may or may not be symmetrical about centerline.
- For Type 3 manhole construction details refer to standard drawing C604.32 entitled "Grate Manhole".