



# CITY OF SAULT STE. MARIE, MICHIGAN ENGINEERING DEPARTMENT

225 E Portage Ave.  
Sault Ste. Marie, Michigan 49783  
(906) 632-5730 FAX (906) 635-6975

## GENERAL PERMIT APPLICATION

APPLICANT _____	Telephone _____
ADDRESS _____	
Street	City
	State Zip

Permit for:

- Sidewalk Construction/Replacement
- Driveway Culvert or Curb Cut
- Street Closure
- Activity in the Public Right-of-Way
- Parade
- Other \_\_\_\_\_

\_\_\_\_\_  
(Date Application Received)

\_\_\_\_\_  
(Proposed Start Date)

\_\_\_\_\_  
(Proposed Completion Date)

Property Owner/Address: \_\_\_\_\_

Description of Proposed Activity: \_\_\_\_\_  
\_\_\_\_\_

- Additional State & County permits as may be required shall be the responsibility of the applicant.
- Applicant shall be responsible for appropriate traffic control required for the permitted activity, and shall comply with all MIOSHA safety requirements.
- Applicant shall be responsible for repairing or replacing any existing City improvements (curb & gutter, sidewalk, pavement, utilities, etc.) which may be disturbed or damaged during the course of the permitted activity. The City shall not be responsible for the accuracy of information as contained in City maps, drawings, or documentation.

Engineering Department Specifications: \_\_\_\_\_

\_\_\_\_\_

**I hereby agree that I will comply with the terms of this permit and conform to all Regulations and Engineering Department Specifications pertaining to the proposed work or other activity above.**

_____ Applicant's Signature/Date	_____ Engineer's Signature/Date	_____ Inspector's Signature/Date
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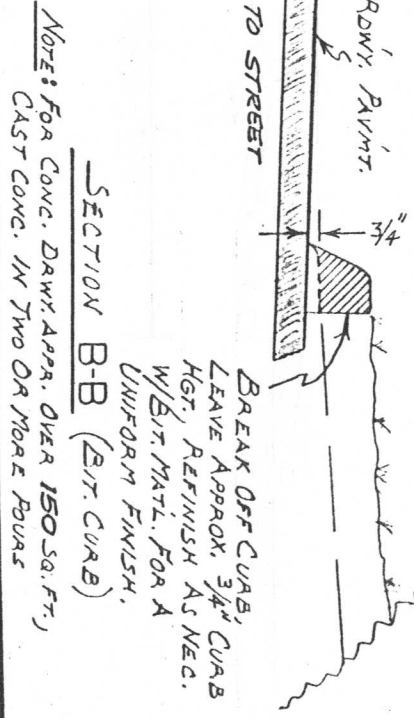
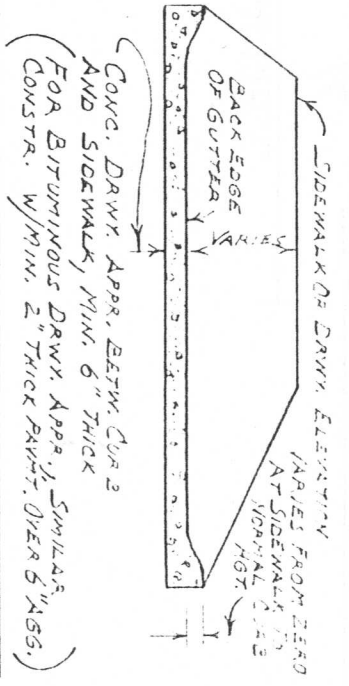
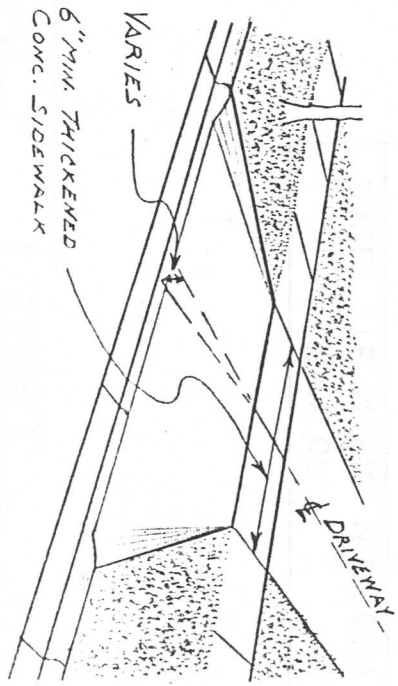
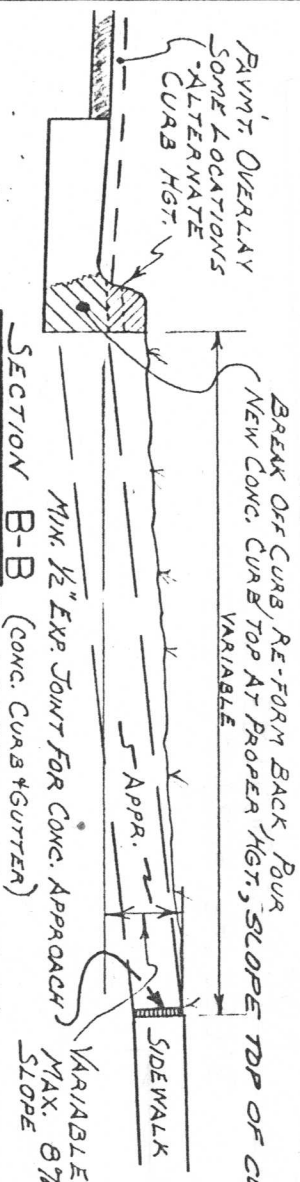
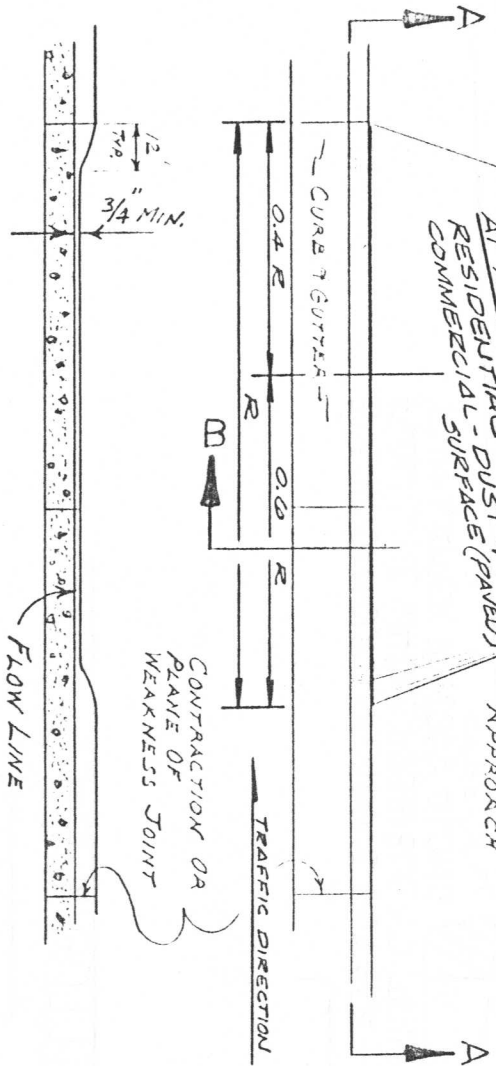
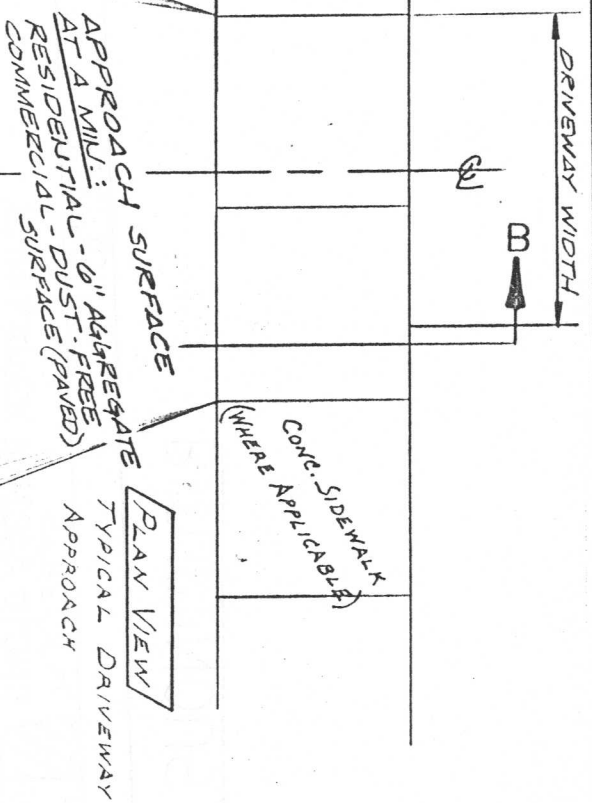
**3 working days before you dig, call miss dig toll free**

**☎ 1-800-482-7171 ☎**

- cc:
- Applicant
  - DPW Director
  - City Clerk
  - Water/Sewer Dept
  - Police Chief
  - Fire Chief
  - Other \_\_\_\_\_

Fee: \$ \_\_\_\_\_

72 HOURS  
BEFORE YOU DIG  
CALL MISS DIG  
TOLL FREE  
800-482-7171

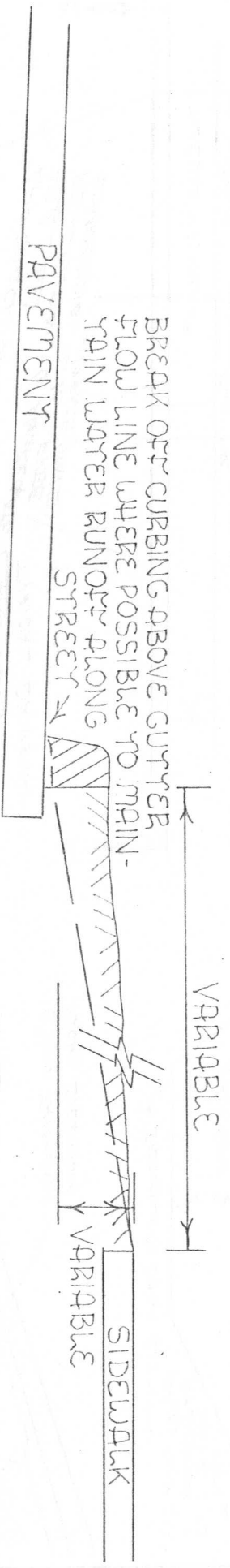
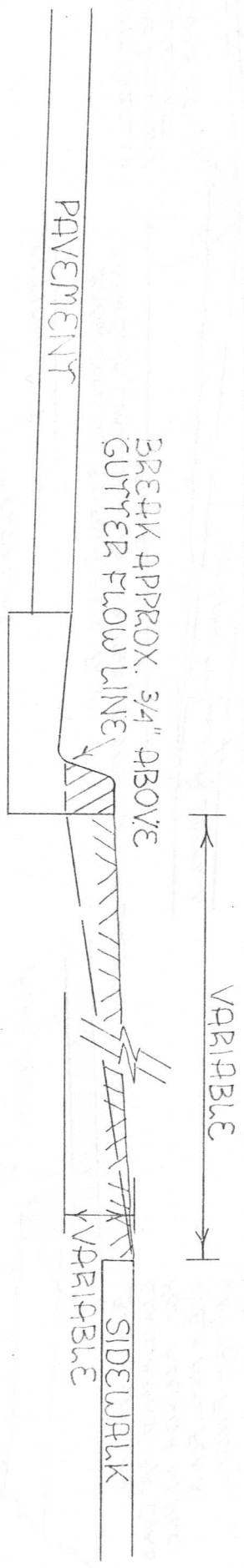


CITY OF SAULT STE. MARIE, MICHIGAN ENGINEERING DEPARTMENT

CURB CUTS - MISC. DETAILS

SI-810

REVISED:	DRAWN: D. W. STRICKLAND
3/8/93	APPROVED:
	SCALE: None
	DATE: Oct. 1987



CITY OF  
SAULT STE. MARIE, MICHIGAN

MISC. DETAILS  
FOR CURB CURVS

DR. BY: D. BUSH	DATE: 5-15-81
APRV. BY: D.W.S.	REVISED:
DR. NO.	FILE NO.
TRACED BY:	SCALE: NONE

**CITY OF SAULT STE. MARIE  
ENGINEERING DEPARTMENT**

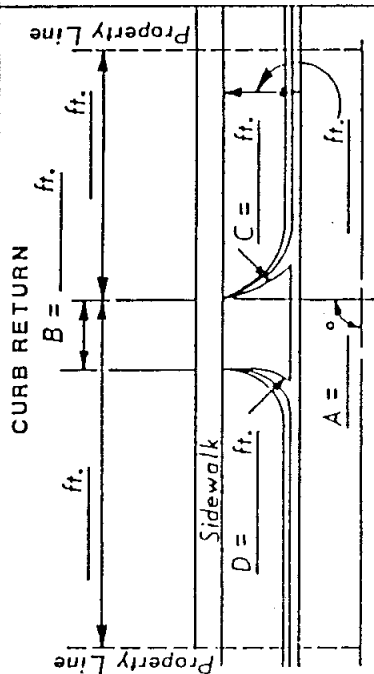
**PERMIT APPLICATION PLAN  
FOR RURAL AND URBAN  
DRIVEWAYS**

(OFFICE USE ONLY)  
APPLICATION NUMBER \_\_\_\_\_  
NAME \_\_\_\_\_

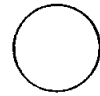
THIS FORM CANNOT BE USED FOR COMMERCIAL DRIVEWAYS

USE OF THIS FORM 1) Show dimensions on applicable sketch below. See table for a guide to proper dimensions.  
2) Show distances to nearest foot, angles to nearest 10 degrees. Sketches below are not to scale.

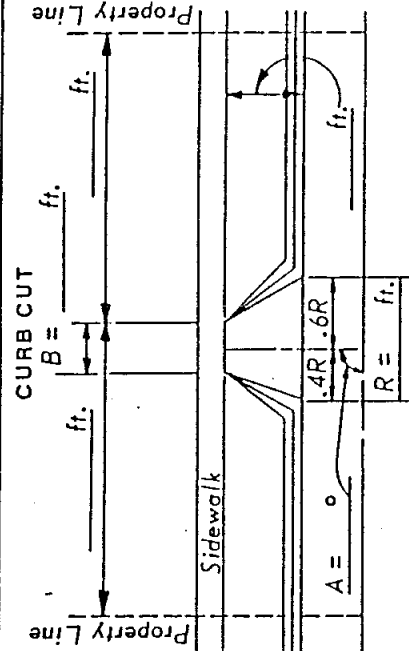
**CURBED HIGHWAY**



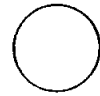
Street: Pavement Type \_\_\_\_\_ Width \_\_\_\_\_ ft.



Show North Arrow

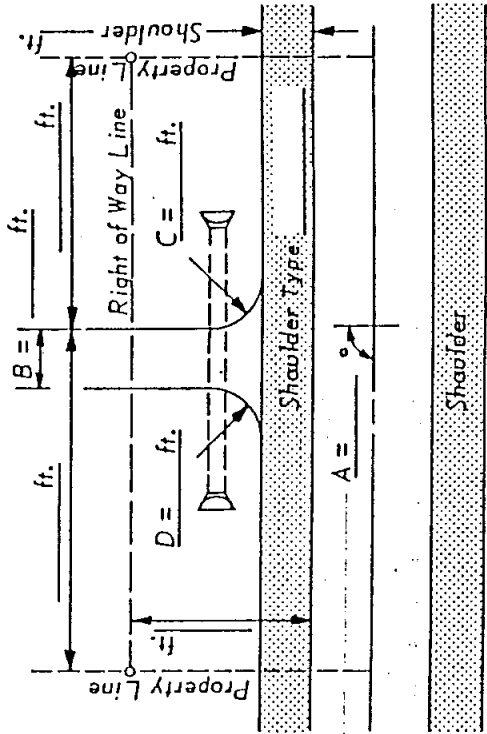


Street: Pavement Type \_\_\_\_\_ Width \_\_\_\_\_ ft.



Show North Arrow

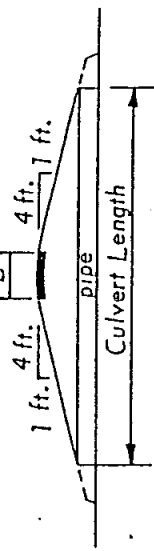
**UNCURBED HIGHWAY**



Pavement Type \_\_\_\_\_  
Shoulder Type \_\_\_\_\_  
Show North Arrow



**DRAINAGE**  
See Rule 61 on back  
Culvert Length \_\_\_\_\_ ft.  
Size (Inside diameter) \_\_\_\_\_ in.  
Culvert Type \_\_\_\_\_  
Ditch Depth \_\_\_\_\_ ft.  
(show direction of flow)



Slope: 1 ft. vertical - 4 ft. horizontal

**DRIVEWAY SURFACING**

See Rules 51, 52, and 53, on back, for requirements  
6 in. \* unreinforced portland cement concrete  
2 in. \* Bituminous mix over compacted gravel  
Stabilized gravel \*\*

Other (Describe) \_\_\_\_\_

- \* Increase thickness if trucks or frequent use of driveway is expected.
- \*\* This surface treatment not permitted on some driveways. See rules on back.

**DIMENSIONS**

Design Features	Curbed Highway		Uncurbed Highway	
	Standard	Range	Standard	Range
Intersecting Angle	A	90°	70 to 110°	90°
Driveway Width	B	10 ft.	8 to 24 ft.	12 ft., 8 to 24 ft.
Entering Radius	C	15 ft.	5 to 15 ft.	15 ft., 5 to 20 ft.
Exiting Radius	D	6 ft.	5 to 15 ft.	10 ft., 5 to 20 ft.
Curb Cut	R	26 ft.	20 to 35 ft.	not applicable

**FIELD ENTRANCE AND UTILITY STRUCTURE DRIVEWAY**

Design Features	Curbed Highway		Uncurbed Highway	
	Standard	Range	Standard	Range
Intersecting Angle	A	90°	70 to 110°	90°
Driveway Width	B	20 ft.	15 to 40 ft.	20 ft., 15 to 40 ft.
Entering Radius	C	not applicable	20 ft.	5 to 40 ft.
Exiting Radius	D	not applicable	20 ft.	5 to 40 ft.
Curb Cut	R	26 ft.	20 to 50 ft.	not applicable

The standard shall be used unless engineering judgment determines that another dimension within the range is more suitable for a particular site or special condition and is approved by the City of Sault Ste. Marie.

subgrade shall not be altered by driveway construction or roadside development....  
(3) Culvert pipe shall be of a size adequate to carry the anticipated natural flow of the ditch. The culvert shall be no smaller than the nearest upstream culvert nor less than 12 inches inside diameter upon request, prior to application for a permit, the CITY shall determine the diameter of the culvert to be installed. A culvert, catch basin, drainage channel and other drainage structure required within the highway (street) right-of-way shall be manufactured, constructed and installed in accordance with the current Specifications for Construction and any additional specification as outlined by the CITY on the permit. The minimum length of the culvert may be determined as the sum of the distance between driveway edges, measured along the ditch line, plus the distances needed to accommodate an embankment slope not to exceed 1 foot vertical for 4 feet horizontal on both sides of the driveway.

less than 100 feet of frontage.  
(b) One additional residential driveway may be permitted for residential property for each 70 feet of frontage in excess of the first 100 feet of frontage.  
(c) Two residential driveways may be permitted on the same property, in lieu of the requirements of paragraph (b), to serve a circle driveway if the frontage of the property is 80 feet or more.  
(d) Residential driveways on the same property shall be at least 45 feet apart, center-to-center.

This driveway must be constructed, used and maintained in accordance with the "Administrative Rules Regulating Driveways, Banners, and Parades On and Over Highways", by the Michigan Department of Transportation (MDOT), effective June 30, 1970, and as amended thereto. Excerpts from these rules follow with modifications pertaining to CITY requirements underlined.

Rule 14. (4) Future changes in the use of property abutting a highway (street), such as a change from residential to commercial use ... may require changes in the number, design, or location of driveways .... The property owner then shall obtain a new permit from the CITY.

Rule 49. One (1) field entrance may be permitted for each 1000 feet of frontage of cultivated land, timber land or undeveloped land. Additional driveways may be permitted when a single driveway will not provide adequate access due to topographic conditions ....

Rule 31. (1) A driveway shall be so located that no undue interference with the free movement of highway (street) traffic will result. A driveway shall be so located also to provide the most favorable vision and grade conditions as possible for motorists using the highway (street) and the driveway consistent with development of the site considering proper traffic operations and safety.  
(2) A driveway, including the radii but not including the right-turn lanes and tapers, shall be located entirely within the area between the permittee's property lines extended to the centerline of the highway (street). A driveway radius may extend outside of that area only if the adjacent property owner certifies in writing that he/she will permit such extension ....

Rule 51. If a highway (street) is curbed, the following driveway, surfacing and curbing requirements apply:...

Rule 52. If a highway (street) is uncurbed, the following driveway surfacing and curbing requirements apply:...

Rule 53. A field entrance or a utility structure driveway may be surfaced with stabilized gravel (no sod driveway surfaces allowed), and may be uncurbed, as determined by the CITY.

Rule 54. A residential driveway shall be paved between the edge of the pavement and the existing or proposed sidewalk. If there is no existing or proposed sidewalk, the surfacing shall extend at least 10 feet from the edge of the pavement. For all areas other than one and two family residential dwelling units, the entire parking area, including parking spaces and maneuvering lanes, shall be paved with a "dust-free" surfacing. For a residential driveway, either curb cuts or curb returns shall be required as determined by the CITY, based on the current CITY standards for curb and gutter.

Rule 55. A residential driveway shall be paved between the edge of the pavement and the existing or proposed sidewalk. If there is no existing or proposed sidewalk, the surfacing shall extend at least 10 feet from the edge of the pavement. For all areas other than one and two family residential dwelling units, the entire parking area, including parking spaces and maneuvering lanes, shall be paved with a "dust-free" surfacing. For a residential driveway, either curb cuts or curb returns shall be required as determined by the CITY, based on the current CITY standards for curb and gutter.

Rule 56. A driveway serving a farmyard, cultivated or uncultivated field, timberland or undeveloped land not used for industrial, commercial or residential purposes.

Rule 57. A driveway serving a private home.

Rule 58. A driveway serving a utility structure such as a pumphouse or substation which operates automatically and requires only occasional access.

Rule 59. The number of residential driveways permitted shall be determined as follows:  
(a) One residential driveway shall be permitted for each platted lot or for

### DRIVEWAY PROFILE

### SURFACING

### DEFINITIONS

Rule 60. A driveway profile shall be determined using the following criteria:  
(a) If the highway (street) is uncurbed, the grade of the driveway between the highway (street) edge of pavement and the edge of the shoulder shall conform to the slope of the shoulder.  
(b) If the highway (street) is uncurbed or if the sidewalk is more than 10 feet from the edge of the pavement or if there is no sidewalk....  
(ii) The grade of a residential or utility structure driveway or field entrance shall not exceed 10%.

Rule 61. If a highway (street) is uncurbed, the following driveway surfacing and curbing requirements apply:...

Rule 62. A residential driveway may be paved or surfaced with stabilized gravel (gravel surfaced only allowed for one and two family residential dwelling units) and may be curbed or uncurbed.

Rule 63. A driveway profile shall be determined using the following criteria:  
(a) If the highway (street) is uncurbed, the grade of the driveway between the highway (street) edge of pavement and the edge of the shoulder shall conform to the slope of the shoulder.  
(b) If the highway (street) is uncurbed or if the sidewalk is more than 10 feet from the edge of the pavement or if there is no sidewalk....  
(ii) The grade of a residential or utility structure driveway or field entrance shall not exceed 10%.

Rule 64. A field entrance or a utility structure driveway may be surfaced with stabilized gravel (no sod driveway surfaces allowed), and may be uncurbed, as determined by the CITY.

Rule 65. A driveway shall be constructed so that it does not adversely affect the highway (street) drainage. The drainage and the

### DRAINAGE

### NUMBER OF DRIVEWAYS

### UTILITY STRUCTURE DRIVEWAY

Rule 66. A field entrance or a utility structure driveway may be surfaced with stabilized gravel (no sod driveway surfaces allowed), and may be uncurbed, as determined by the CITY.

Rule 67. The number of residential driveways permitted shall be determined as follows:  
(a) One residential driveway shall be permitted for each platted lot or for

Rule 68. A driveway shall be constructed so that it does not adversely affect the highway (street) drainage. The drainage and the

Rule 69. A driveway shall be constructed so that it does not adversely affect the highway (street) drainage. The drainage and the

Rule 70. A driveway shall be constructed so that it does not adversely affect the highway (street) drainage. The drainage and the

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