



STORM STRUCTURE DATA TABLE

STRUCTURE NUMBER	SIZE	DESCRIPTION	LENGTH	FLOW LINE		SLOPE	Rim = AD Rim = MH FG = CI IE = FES Elev.
				UP STREAM	DOWN STREAM		
			ft.	Elev.	Elev.	%	
CI 801	---	Curb Inlet	---	---	386.70	---	388.93
P 802	12	R.C.P. CL. III	109.42	386.70	386.37	0.30	---
CI 803	---	Curb Inlet	---	386.37	386.37	---	388.60
P 804	12	R.C.P. CL. III	141.97	386.37	385.74	0.44	---
CI 805	---	Curb Inlet	---	---	386.13	---	388.74
P 806	12	R.C.P. CL. III	96.71	386.13	385.74	0.40	---
MH 807	---	Precast "E" Box	---	---	385.74	---	389.00

NOTE:
All structures with "CPOC" label shall be installed by Cross Pointe Commerce Center developer/contractor. These structures are shown for reference only and are NOT a portion of this contract.

- Site Grading Guidelines**
- Slope entrance/exit to public streets with curb and gutter to drain into the street.
Slope entrance/exit to public streets without curb and gutter to drain away from the street.
 - All surfaces shall be graded to drain.
 - Local, state, and national laws and guidelines shall take precedence over design information if in conflict. Contractor shall inform client and Morley and Associates, Inc. in writing if any conflicts arise.
- Accessibility Guidelines**
- Maximum slope for an ADA accessible route shall be 1:20 (5.0%). The minimum clear width shall be 36 inches.
 - Slopes greater than 1:20 shall be considered a ramp.
 - Maximum slope for a ramp shall be 1:12 (8.3%).
 - 'Curb ramps' require detectable warnings, such as truncated domes, and shall be incorporated into the full width and depth of the curb ramp.
 - Ramps shall be equipped with handrails on both sides if the rise is greater than six inches or if the ramp's length is greater than six feet.
 - Maximum cross slopes shall be 1:50 (2.0%).
 - Changes in level 1/4 in. or less may be vertical without edge treatment. Changes in level between 1/4 in. and 1/2 in. shall be beveled with a slope no greater than 1:2. Changes in level greater than 1/2 in. shall incorporate a ramp.
 - Landings shall be incorporated in ramps so that the maximum vertical rise between landings is no greater than 30 inches.
 - Landings shall be a minimum of 60 inches in length and as wide as the ramp (36 inches min.). Landings at a change in direction shall be 60 inches wide and 60 inches long (minimum).
 - Maximum slope in an ADA parking space and its aisle shall be 1:50.
 - All areas of new facilities and altered portions of existing facilities shall comply with the Americans with Disabilities Act (ADA) Accessibility Guidelines.

- LEGEND**
- ADA RAMP
 - PARKING LOT SLOPE
 - EDGE OF SURFACE PEAKS AND VALLEYS
 - DRAINAGE SWALE & DIRECTION OF FLOW
 - FINAL GRADE ELEVATION
 - FINAL GRADE ELEVATION AT TOP OF CURB (T.C.)
 - FINAL GRADE ELEVATION AT GUTTER (G.U.T.)
 - Contour line & elevation
 - Existing ground elevation
 - Existing invert elevation
 - Existing flowline elevation
 - Existing gutter elevation
 - Existing toe of slope elevation
 - Existing top of bank elevation
 - Existing back of curb elevation

- ABBREVIATIONS:**
- C CENTERLINE
 - E.O.P. END OF PAVEMENT
 - E.P. EDGE OF PAVEMENT
 - ELEV. ELEVATION
 - EXIST. EXISTING
 - GUT. GUTTER
 - HDPE HIGH DENSITY POLYETHYLENE PIPE
 - P.T. POINT OF TANGENCY
 - P.V.M.T. PAVEMENT
 - R.O.W. RIGHT OF WAY
 - R.D. ROAD
 - S.W. SIDEWALK
 - R.C.P. CL. III REINFORCED CONCRETE PIPE (CLASS III)

Engineering
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Revisions

No.	Date	By	Description

8-23-06

Site Grading Plan

Scale: 1" = 20'

Designed By: M.D.W. Job Number: 6851-4(A)
 Drawn By: B.S.H. Date: 8/23/06
 Filename: 6851Grad.dwg
 Sheet Number: C-102

RECEIVED
AUG 23 2006
SITE REVIEW

RECEIVED BY THE
VAN BUREN COUNTY
PLANNING OFFICE
8/24/06 9:20am JPP