



- Str. No. 102**  
Connect 18" Pipe To Str. No. 101
- Str. No. 101**  
Shallow Manhole & 36" of 24" Pipe  
Rim 384.75  
I.E. 24" 380.75  
I.E. 15" 381.00
- Str. No. 103**  
Shallow Manhole & 8' of 24" Pipe  
Rim 384.75  
I.E. 24" 380.65  
I.E. 12" 381.15
- Str. No. 104**  
Parking Lot Inlet & 35' of 12" Pipe Req'd.  
Rim 384.75  
I.E. 382.75
- Str. No. 106**  
Shallow Manhole & 80' of 12" Pipe  
Rim 384.40  
I.E. 381.87  
Note Install Open Grated Lid to Act as Basin Overflow  
Provide 4' of 12" Pipe Stubbed to the South For Future Extension Cap End of Pipe  
Grade Out Shallow/Flat Area Surrounding Casting to Direct Any Potential Overflow of Basin Back Into Sewer Thru Grating On Top of Manhole
- Str. No. 105**  
12' of 6" Pipe Req'd.  
I.E. 382.35

- Str. No. 118**  
Shallow Storm Manhole  
Rim 386.±  
I.E. 381.95  
(By Others)
- Str. No. 100**  
Remove Pipe, Install Elbow Relay 15" Pipe To Str. No. 101
- Str. No. 99**  
Install 190' of 15" Pipe  
I.E. 381.90
- PI Sta. 13+28.30 Tutor Ln.  
= Sta. 73+67.33 Vogel Rd.

- Str. No. 117**  
End Section  
I.E. 382.33  
(By Others)

- Sta. 12+09, 20' Lt. (In Taper)  
**Str. No. 114**  
Inlet Type J-10  
Gutter 384.89  
I.E. 383.16  
(By Others)
- Sta. 12+09, 21' Lt. (Radius)  
**Str. No. 115**  
Inlet Type J-10  
Gutter 384.89  
I.E. 382.71  
(By Others)
- Sta. 11+89, 31' Lt.  
**Str. No. 116**  
Inlet P-12  
Front Rim 384.00  
I.E. 382.92  
(By Others)

Note  
Refer to Sheet F-1 for Wall Section Details. Maintain 6" Drop in Grade at Bldg. Line As Shown Hereon. Where Possible, and as Noted on Grading Plan Spot Elevations.

**GENERAL STORM SEWER SPECIFICATIONS**

All Materials Used Shall Be In Accordance With The Vanderburgh County Drainage Ordinance Dated October 1994.

Storm Sewer Pipe May Be Plastic or Concrete As Approved By Owner. Plastic Pipe Shall Be ADS-N-12 Or Equal. No Plastic End Treatment Will Be Allowed. Concrete End Sections Must Be Used With Plastic Pipe. All Pipe Must Meet The Manufacturers Recommendations For Minimum & Maximum Cover. In Areas Where Cover Does Not Fall Within The Manufacturers Recommendations, Concrete Pipe Must Be Used.

High Density Polyethylene Type S (HDPE) Pipe Shall Be Manufactured In Accordance With AASHTO M294. Pipe Shall Have Minimum Cell Classification Of D 324420C In Accordance With ASTM D3350.

HDPE Pipe Shall Possess Male & Female Pipe Ends Which Allow For The Construction Of Overlapping, Gasketed Pipe Joints In Conformance With AASHTO M294.

Reinforced Concrete Pipe Shall Be Class III, IV or V In Accordance With ASTM C76 Latest Edition.

A Minimum "B" Wall Thickness Is Required. Joints Shall Be Provided With A Groove On The Spigot For Placement Of A Rubber Gasket In Accordance With ASTM C443.

All Manholes & Inlet Boxes Shall Be Constructed As Shown On Sheet 3.

All Parking Lot Inlets and Area Drains Shall Be Precast Boxes. As per the INDOT Standard Specifications. latest revision.

All Cleanouts for the Roof Drains Shall be Constructed as Shown On Sheet 3.

	<b>DRAINAGE PLAN</b>	
	WATERFORD PLACE SUBDIVISION FOR STEPHEN LIBS CHOCOLATES VANDERBURGH COUNTY, INDIANA	
Prepared By <b>BERNARDIN LOCHMUELLER &amp; ASSOC., INC.</b> Planners - Engineers - Surveyors	DATE: 9/24/97 PROJECT NO.: 197-0136-OPD ISSUED:	<b>S1</b> of 3

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