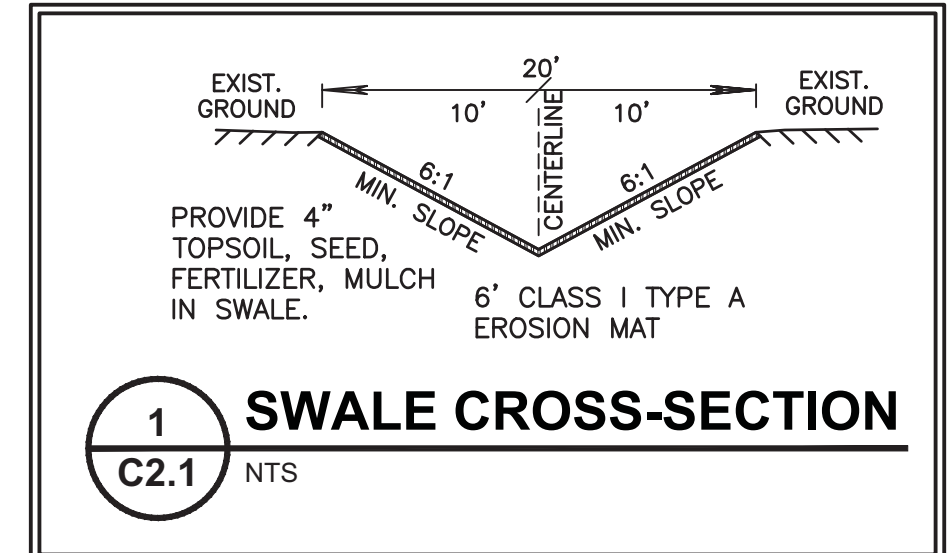
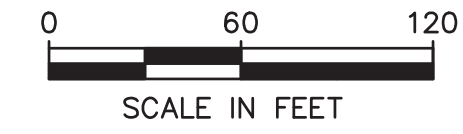
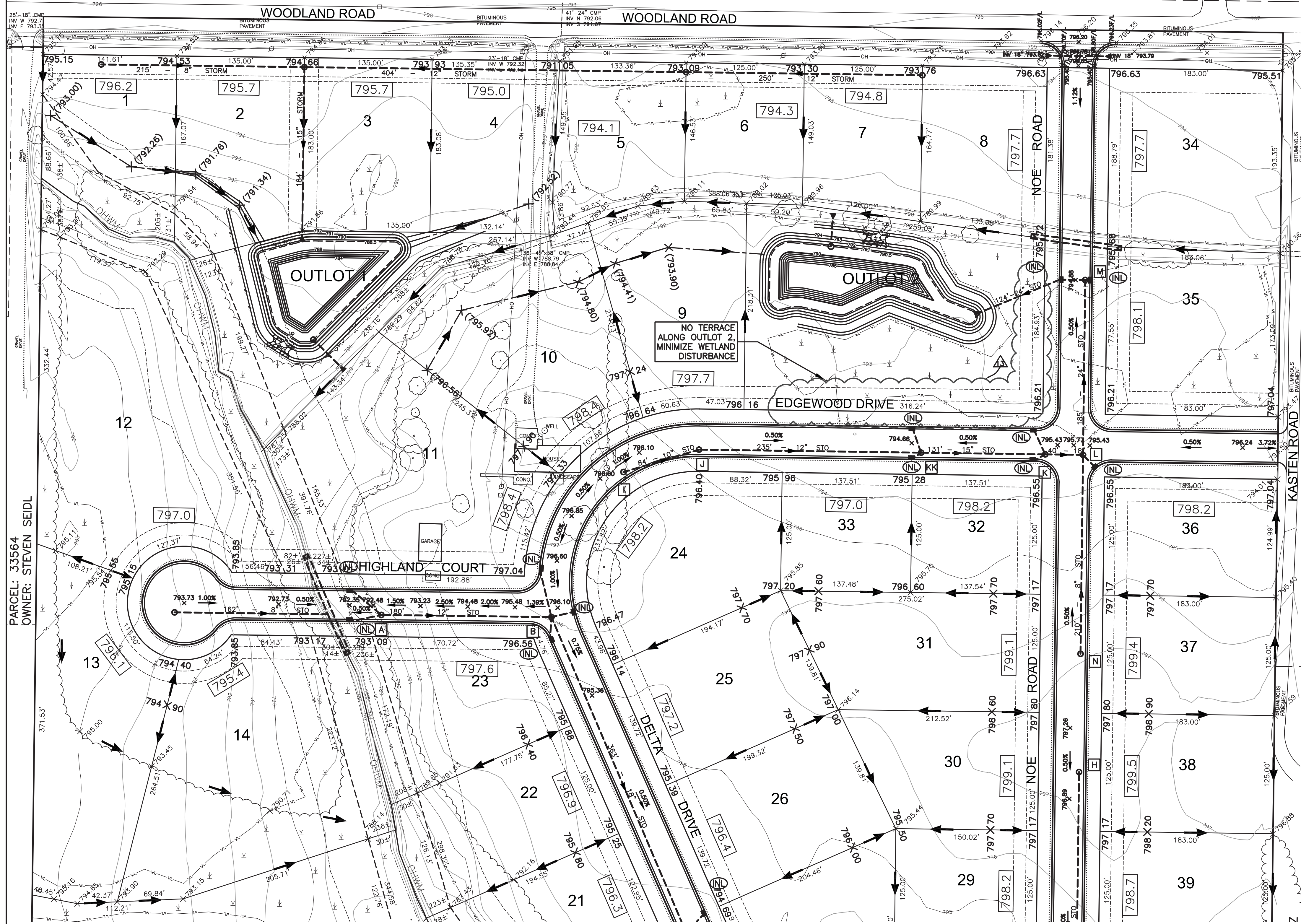


# CREEKSIDE ESTATES: DRAINAGE PLAN (NORTH)



BENCHMARK DATA		
I.D.	DESCRIPTION:	ELEVATION:
1	SPIKE IN POWER POLE #84-21 (INT. WOODLAND DR. & SOUTH COOP ROAD)	802.98
2	PK NAIL IN POWER POLE #01-04 (300' WEST OF LOT 1, CREEKSIDE ESTATES SUBDIVISION)	797.61

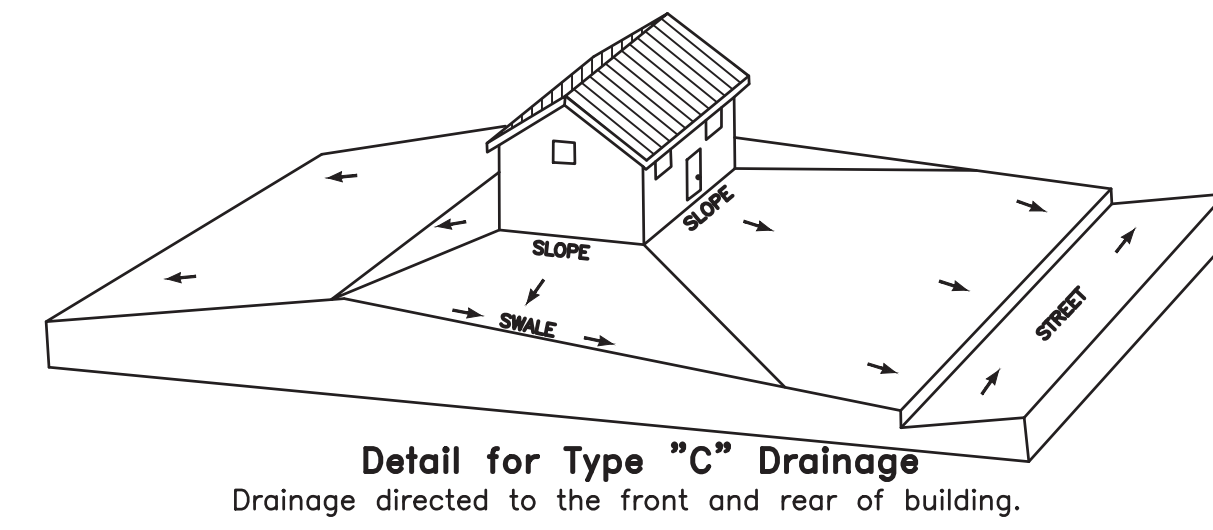
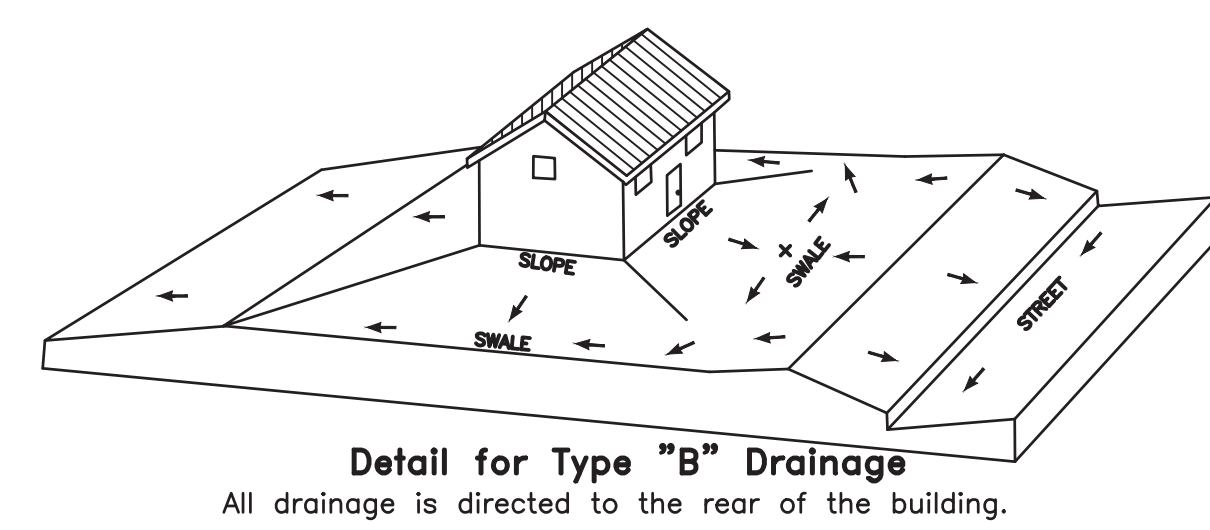
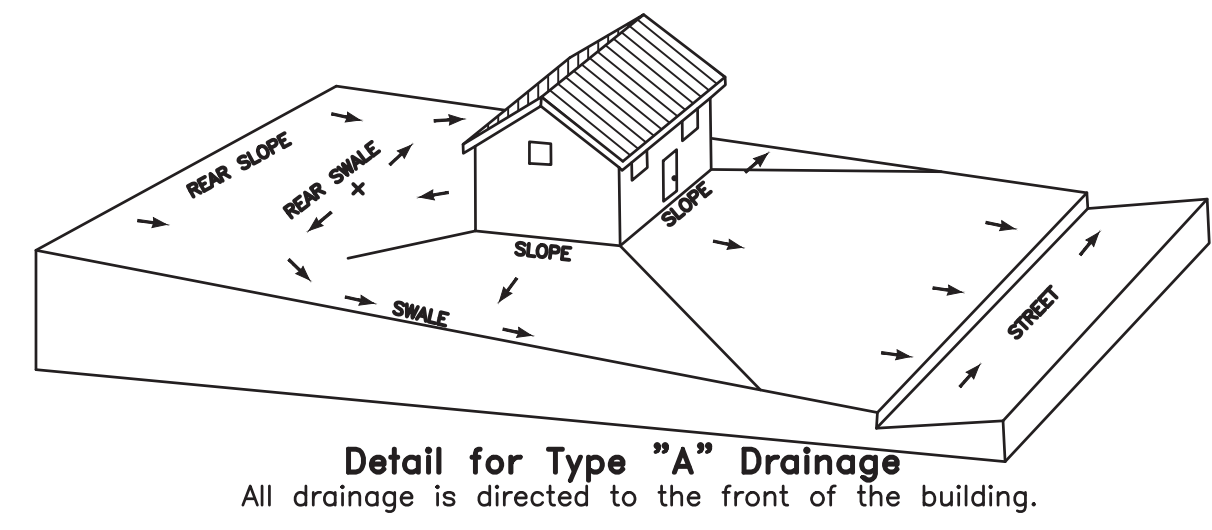
- ### DRAINAGE PLAN NOTES
- THE LOCATION OF EXISTING UTILITY FACILITIES AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL HAVE ALL FACILITIES LOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF A CONFLICT WITHIN THE WORK IS DISCOVERED.
  - ALL WORK UNDER THIS CONTRACT SHALL BE DONE IN ACCORDANCE WITH THE HARRISON UTILITIES STANDARD SPECIFICATIONS, ALONG WITH THE LATEST EDITION OF THE STATE OF WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
  - THIS FINAL DRAINAGE PLAN INDICATES DRAINAGE ALONG LOT LINES, MAJOR DRAINAGE SWALES AND CONCEPTUAL DRAINAGE FOR EACH LOT. THE SITE PLANNER FOR EACH INDIVIDUAL HOME SITE SHOULD DESIGN DETAILED DRAINAGE FOR THE INTERIOR OF THE LOT BASED ON THIS INFORMATION. GRADE AT FOUNDATION ELEVATIONS MAY VARY SIGNIFICANTLY DEPENDING UPON ARCHITECTURE. THE SITE PLANNER SHOULD CONSULT AN ENGINEER TO DETERMINE GRADE AT FOUNDATION ELEVATION.
  - THE PROPOSED ELEVATIONS SHOWN ON THE DRAINAGE PLANS THAT ARE ADJACENT TO ABUTTING PROPERTIES MAY VARY FROM 5' TO 10' FROM THE PROPERTY CORNERS.
  - PER WI. ADMIN. CODE, COMM 21.12: THE FINISHED GRADE OF THE SOIL SHALL SLOPE AWAY FROM THE DWELLING AT A RATE OF AT LEAST 1/4 INCH PER FOOT FOR A MINIMUM DISTANCE OF 10 FEET, OR TO THE LOT LINE, WHICHEVER IS LESS.
  - THE LANDSCAPER SHALL UTILIZE THE PROPOSED ELEVATIONS. THE LANDSCAPER SHALL NOT GRADE UP TO ANY PEDESTAL OR ANY OTHER STRUCTURE TO DETERMINE ELEVATION.
  - THE CONTRACTOR AND/OR OWNER SHALL NOT PROCEED WITH CONSTRUCTION ACTIVITIES UNTIL APPROPRIATE PERMITS/APPROVALS ARE OBTAINED.
  - THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS FOR CONSTRUCTION.
  - THE CONTRACTOR SHALL CLEAN UP ALL EXCESS MATERIAL AND DEBRIS CAUSED AS A RESULT OF WORK UNDER THIS CONTRACT.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE RESULTING FROM THE PERFORMANCE OF THE WORK UNDER THIS CONTRACT.
  - CONTRACTOR SHALL DISPOSE OF NON-SUITABLE MATERIAL OFF-SITE.
  - LOTS WITH AN EXCESS FILL HEIGHT OF 3' SHALL BE STRIPPED OF TOPSOIL AND COMPACT EACH LAYER TO 95 PERCENT OF MAXIMUM DENSITY, OR MORE, BEFORE PLACING SUBSEQUENT LAYER.
  - SIDEWALK ACCESS RAMPS TO BE INSTALLED AT ALL INTERSECTIONS, SEE DETAIL SHEET C7.1.

### DRAINAGE PLAN LEGEND

	EXISTING CONTOUR		X 000.00 PROPOSED ELEVATION
	PROPOSED CONTOUR		X (000.00) PERTINENT DITCH OR SWALE ELEVATION
	STORM SEWER MAIN		+ 883.73 EXISTING ELEVATION
	STORM MANHOLE		000.0 PROPOSED GROUND AT FOUNDATION
	2' x 3' PRECAST STORM INLET		← DIRECTION OF DRAINAGE

### TOPOGRAPHIC LEGEND

	1" x 18" IRON PIPE SET		OVERHEAD POWER LINES
	1-1/4" x 30" REBAR SET		EXIST. STORM MANHOLE
	CHISELED "X" SET		STORM INLET
	3/4" REBAR FOUND		UNDERGROUND TELEPHONE
	1" IRON PIPE FOUND		UNDERGROUND FIBEROPTIC
	1-1/4" REBAR FOUND		UNDERGROUND GAS
	2" IRON PIPE FOUND		UNDERGROUND CABLE TV
	CHISELED "X" FOUND		EXIST. SANITARY MANHOLE
	GOVERNMENT CORNER		YARD DRAIN
	RECORDED AS		EXIST. STORM SEWER
	DECIDUOUS TREE		EXIST. STORM SEWER
	DECIDUOUS TREE		EXIST. WATER MAIN
	EXIST. WOODS LINE		EXIST. SPOT ELEVATION
	WETLANDS		CONTOUR W/ ELEVATION
	SOIL BORING		EXIST. TOP OF CURB ELEV.
			ELECTRIC PEDESTAL
			CABLE PEDESTAL
			EXIST. FLOW LINE ELEV.
			EXIST. HYDRANT
			WATER VALVE
			WATER STOP BOX
			FF = 000.00 FIRST FLOOR = 000.00
			TOPSOIL DEPTH
			INFILTRATION SOIL BORING



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 920.731.0381 1.800.236.0381

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04-11-2019	10	09-03-2019	11		
04-30-2019	11	09-26-2019	12		
06-20-2019	12	11-04-2019	13		
07-03-2019	13	02-17-2020			

**DRAINAGE PLAN (NORTH)**  
**CREEKSIDE ESTATES**  
 VILLAGE OF HARRISON, CALUMET COUNTY, WISCONSIN

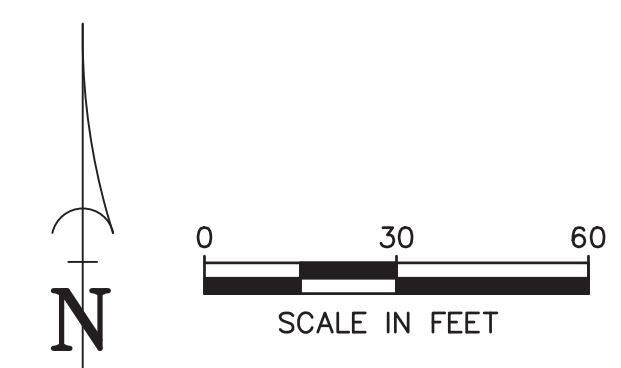
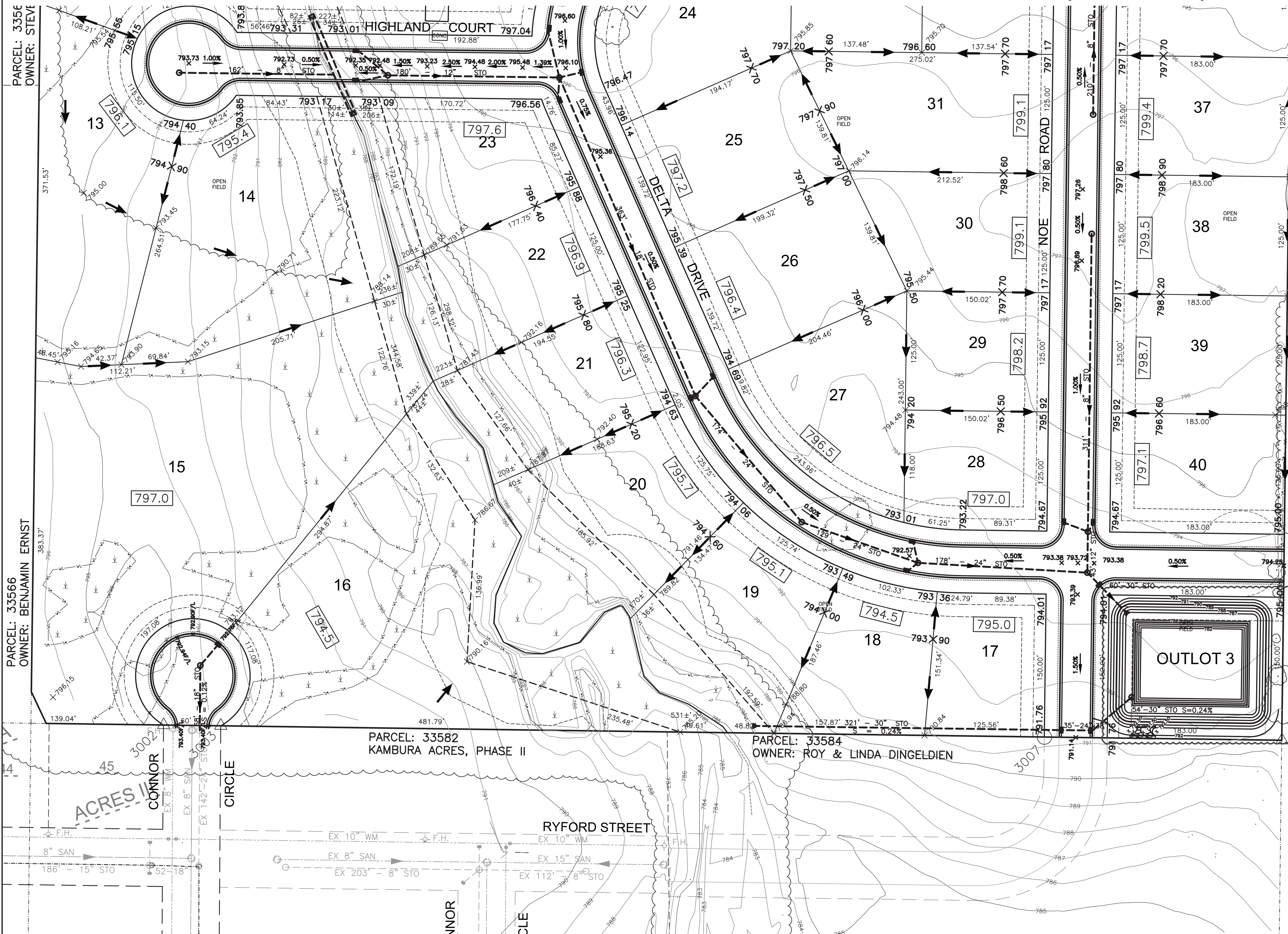
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BAR SCALE	02-26-2019
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DRAWING NO.  
C2.1



# CREEKSIDE ESTATES: DRAINAGE PLAN (SOUTH)

PARCEL: 3356  
OWNER: STEVE



### BENCHMARK DATA

I.D.	DESCRIPTION:	ELEVATION:
1	SPIKE IN POWER POLE #84-21 (INT. WOODLAND DR. & SOUTH COOP ROAD)	802.98
2	PK NAIL IN POWER POLE #01-04 (300' WEST OF LOT 1, CREEKSIDE ESTATES SUBDIVISION)	797.61

### DRAINAGE PLAN NOTES

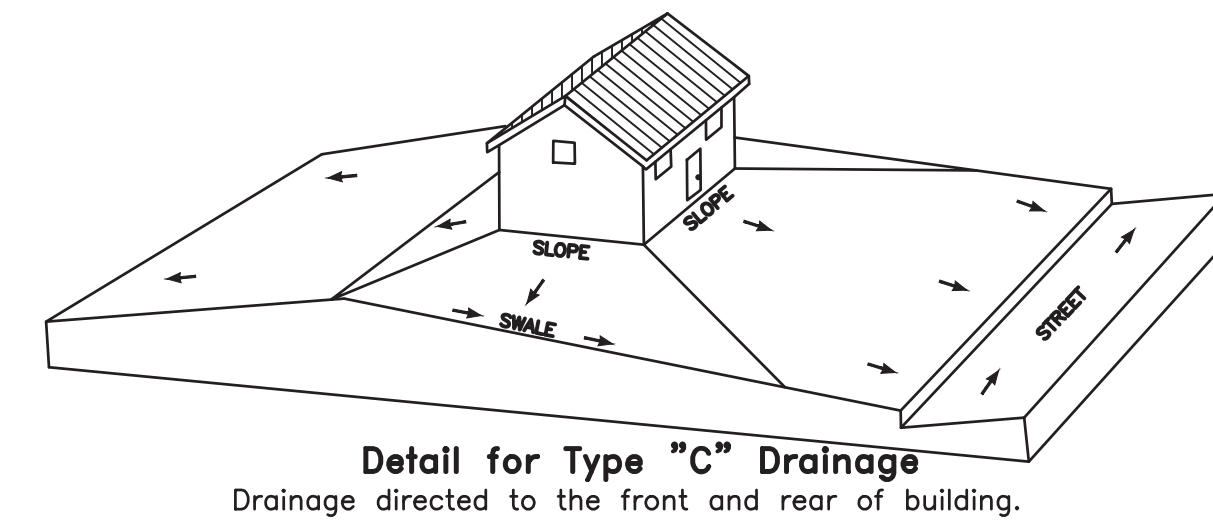
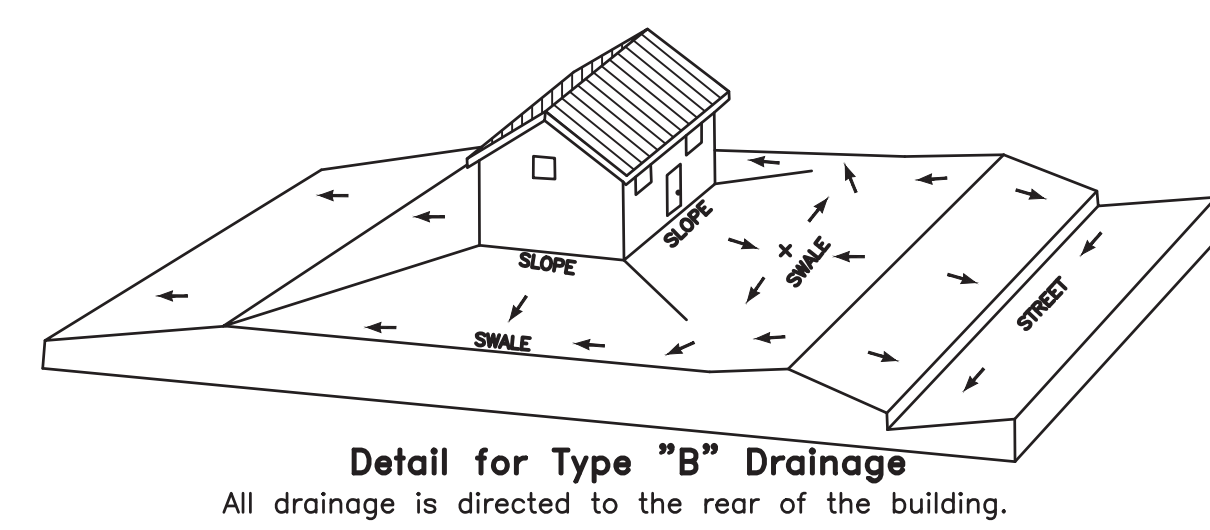
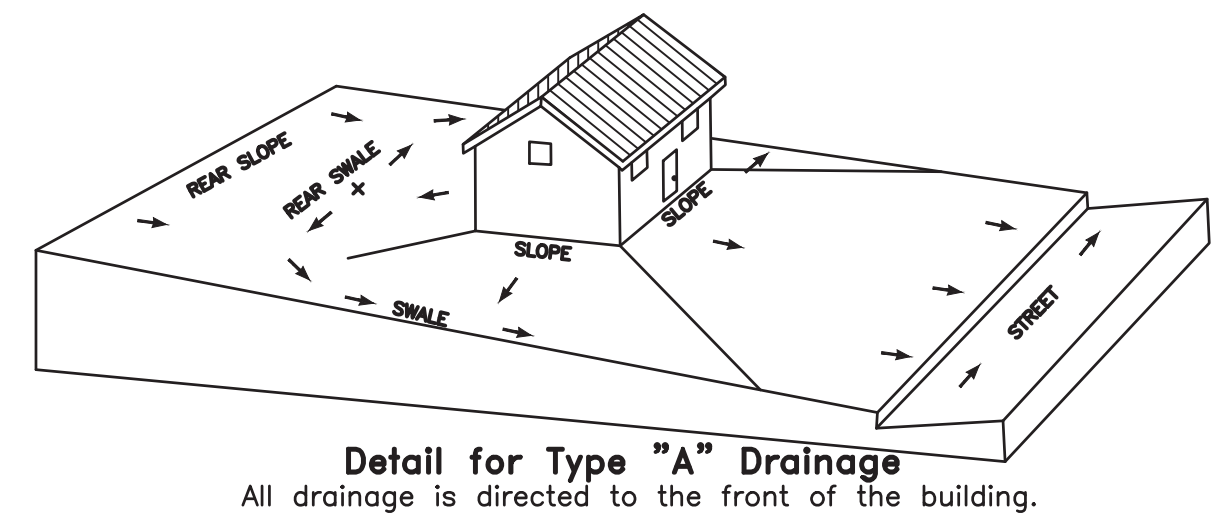
- THE LOCATION OF EXISTING UTILITY FACILITIES AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL HAVE ALL FACILITIES LOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF A CONFLICT WITHIN THE WORK IS DISCOVERED.
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### DRAINAGE PLAN LEGEND

	EXISTING CONTOUR		PROPOSED ELEVATION
	PROPOSED CONTOUR		PERTINENT DITCH OR SWALE ELEVATION
	STORM SEWER MAIN		EXISTING ELEVATION
	STORM MANHOLE		PROPOSED GROUND AT FOUNDATION
	2' x 3' PRECAST STORM INLET		DIRECTION OF DRAINAGE

### TOPOGRAPHIC LEGEND

	1" x 18" IRON PIPE SET		OVERHEAD POWER LINES		GAS VALVE
	1-1/4" x 30" REBAR SET		UNDERGROUND ELECTRIC		EXIST. STORM MANHOLE
	CHESELED "X" SET		UNDERGROUND TELEPHONE		STORM INLET
	3/4" REBAR FOUND		FIBER - UNDERGROUND FIBEROPTIC		YARD DRAIN
	1" IRON PIPE FOUND		CATV - UNDERGROUND CABLE TV		EXIST. SANITARY MANHOLE
	1-1/4" REBAR FOUND		EXIST. FENCE LINE		EXIST. SAN. SEWER
	2" IRON PIPE FOUND		SIGN		EXIST. STD. SEWER
	CHESELED "X" FOUND		POWER POLE		EXIST. WATER MAIN
	GOVERNMENT CORNER		RECORDED AS		EXIST. SPOT ELEVATION
	CONFIDENTIAL TREE		GUY		CONTOUR W/ ELEVATION
	DECIDUOUS TREE		TELEPHONE PEDESTAL		EXIST. TOP OF CURB ELEV.
	EXIST. WOODS LINE		CABLE PEDESTAL		EXIST. FLOW LINE ELEV.
	WETLANDS		EXIST. HYDRANT		FF = 000.00 FIRST FLOOR = 000.00
	SOIL BORING		WATER VALVE		TOPSOIL DEPTH
			WATER STOP BOX		INFILTRATION SOIL BORING



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07-19-2019	7				

**DRAINAGE PLAN (SOUTH)**  
**CREEKSIDE ESTATES**  
VILLAGE OF HARRISON, CALUMET COUNTY, WISCONSIN

SCALE	DATE
BAR SCALE	02-26-2019

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