

### GRADING & EROSION CONTROL LEGEND

EXISTING	PROPOSED	DESCRIPTION
---	---	PHASE LINE
---	---	PROPERTY LINE
○ SB-19	○ SB-19	SOIL BORING LOCATION
- - - 980	- - - 980	INDEX CONTOUR
- - - 982	- - - 982	INTERVAL CONTOUR
• 900.00	• 900.00	SPOT ELEVATION
×	×	HIGH/LOW POINT
×	×	CL-CL ELEVATION
→	→	FLOW DIRECTION
---	---	TOP AND BOTTOM OF RETAINING WALL
---	---	EMERGENCY OVERFLOW
---	---	PROPOSED STREET PROFILE GRADE
---	---	STORM SEWER
---	---	TREE LINE
---	---	TREE PROTECTION FENCE
---	---	RETAINING WALL (MODULAR BLOCK)
---	---	GRADING LIMITS
---	---	SILT FENCE
---	---	SILT FENCE-POST GRADING
---	---	HEAVY DUTY SILT FENCE
---	---	REDUNDANT SEDIMENT CONTROL
---	---	INLET PROTECTION
---	---	EROSION CONTROL CHECKS/BIOROLLS
---	---	ROCK CONSTRUCTION ENTRANCE
---	---	EROSION CONTROL BLANKET
---	---	TURF REINFORCEMENT MAT
---	---	POND NORMAL WATER LEVEL
---	---	WETLAND LINE
---	---	WETLAND FILL
---	---	WETLAND BUFFER
---	---	POND ACCESS MAINTENANCE BENCH
---	---	WETLAND BUFFER LIMITS
---	---	WETLAND BUFFER MONUMENT
---	---	DO NOT DISTURB

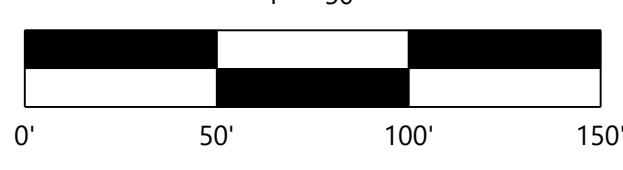
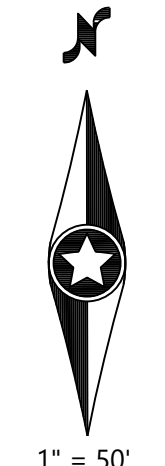
### GRADING & DRAINAGE NOTES

- ALL CONTOURS AND SPOT ELEVATIONS ARE SHOWN TO FINISHED SURFACE/GUTTER GRADES UNLESS OTHERWISE NOTED.
- REFER TO THE SITE PLAN/RECORD PLAT FOR MOST CURRENT HORIZONTAL SITE DIMENSIONS AND LAYOUT.
- THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF EXISTING UTILITIES AND TOPOGRAPHICAL FEATURES WITH THE OWNERS AND FIELD-VERIFY PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
- ALL CONSTRUCTION SHALL CONFORM TO LOCAL RULES.
- POSITIVE DRAINAGE FROM THE SITE MUST BE PROVIDED AT ALL TIMES.

### EROSION CONTROL NOTES

- ALL SILT FENCE AND OTHER EROSION CONTROL FEATURES SHALL BE IN-PLACE PRIOR TO ANY EXCAVATION/CONSTRUCTION AND SHALL BE MAINTAINED UNTIL VIABLE TURF OR GROUND COVER HAS BEEN ESTABLISHED. EXISTING SILT FENCE ON-SITE SHALL BE MAINTAINED AND OR REMOVED AND SHALL BE CONSIDERED INCIDENTAL TO THE GRADING CONTRACT. IT IS OF EXTREME IMPORTANCE TO BE AWARE OF CURRENT FIELD CONDITIONS WITH RESPECT TO EROSION CONTROL. TEMPORARY PONDING, DIKES, HAY BALES, ETC., REQUIRED BY THE CITY SHALL BE INCIDENTAL TO THE GRADING CONTRACT.
- ALL STREETS DISTURBED DURING WORKING HOURS MUST BE CLEANED AT THE END OF EACH WORKING DAY. A ROCK ENTRANCE TO THE SITE MUST BE PROVIDED ACCORDING TO DETAILS TO REDUCE TRACKING OF DIRT ONTO PUBLIC STREETS.
- REDUNDANT PERIMETER SEDIMENT CONTROLS ARE NECESSARY WHEN SOIL DISTURBANCE IS WITHIN 50 FEET OF SURFACE WATERS. REDUNDANT SEDIMENT CONTROLS COULD INCLUDE:
  - TWO ROWS OF SILT FENCE (SEPARATED BY 8 FEET); OR
  - SILT FENCE AND A TOPSOIL BERM (STABILIZE BERM WITH MULCH); OR
  - SILT FENCE AND FIBER LOGS; OR
  - TOPSOIL BERM AND FIBER LOGS (STABILIZE BERM WITH MULCH).
- REDUNDANT SEDIMENT CONTROLS MUST BE INSTALLED PRIOR TO DISTURBING WITHIN 50 FEET OF THE SURFACE WATER.

### CONSTRUCTION PLANS



DESIGNED:	CHF
CHECKED:	CHF
DRAWN:	TDD
HORIZONTAL SCALE:	50'
VERTICAL SCALE:	

INITIAL ISSUE:	04/21/22
REVISIONS:	
△ 05/24/22	SWPPP ADDED
△ 06/01/22	ADDED TEMP CDS

PREPARED FOR:  
**SUMMERGATE DEVELOPMENT INC.**  
17305 CEDAR AVE S. #200  
LAKEVILLE, MN 55044

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
*Christian H. Froemke*  
CHRISTIAN H. FROEMKE  
DATE: 06/01/22 LICENSE NO. 56208

**CEDAR CREEK VILLAS**  
LAKEVILLE, MN

**Westwood**  
Phone (952) 937-5150 12701 Whitewater Drive, Suite #300  
Fax (952) 937-5822 Minnetonka, MN 55343  
Toll Free (888) 937-5150 westwoods.com  
Westwood Professional Services, Inc.

GRADING DRAINAGE &  
EROSION CONTROL PLAN

SHEET NUMBER:  
**3** OF **10**  
DATE: 06/01/22

PROJECT NUMBER: 0032488.00