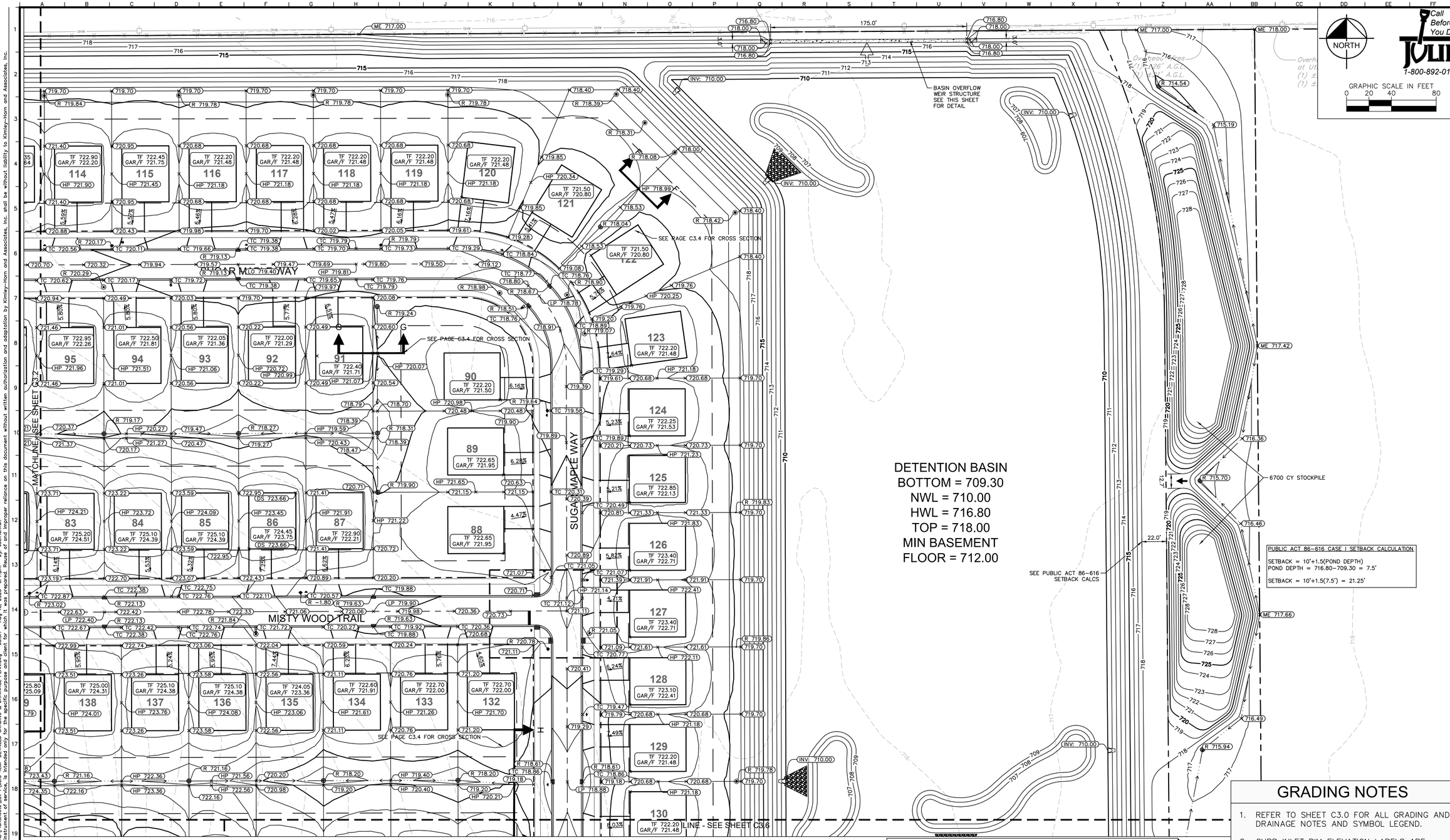
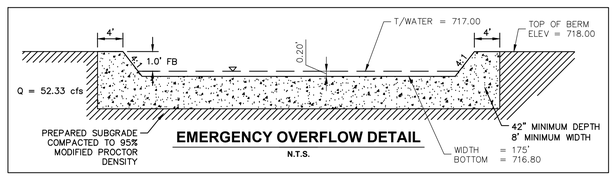


GRADING LEGEND

HP = HIGH POINT		LO = LOOKOUT	
LP = LOW POINT		WO = WALKOUT	
FL = FLOW LINE		R = RIM ELEVATION	
TC = TOP OF CURB		TW = TOP OF WALL	
GAR/F = GARAGE FLOOR		BW = BOTTOM OF WALL	
TF = TOP OF FOUNDATION		EW = END OF WALL	
T/B = TOP OF BERM		FG = FINISHED GRADE	
ME = MATCH ELEVATION		DS = DROP SIDING	

- XXX — PROPOSED CONTOUR
- XXX — EXISTING CONTOUR
- RIDGE — RIDGE LINE
- X.XX% — SLOPE AND FLOW DIRECTION
- 100-YEAR OVERLAND OVERFLOW ROUTE
- DETENTION BASIN 100-YEAR EMERGENCY OVERLAND OVERFLOW ROUTE
- PROPOSED SWALE
- RIP RAP (SEE DETAILS)
- LIMITS OF GRADING
- EASEMENT LINE
- BUILDING SETBACK LINE
- GRADING BLOWUP DETAIL
- DETECTABLE WARNING SURFACE
- PROPOSED RETAINING WALL
- OVERLAND FLOOD ROUTE CROSS SECTION



EMERGENCY OVERFLOW DETAIL
N.T.S.

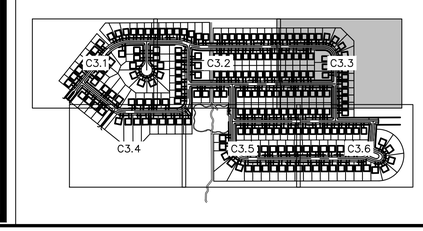
OVERFLOW STRUCTURE NOTES

1. STRUCTURE TO BE CONSTRUCTED OF REINFORCED CONCRETE, IDOT CLASS SI (6.1 BAG MIX) MIN 3500 PSI AT 14 DAYS, WITH 5% TO 7% AIR ENTRAINMENT. (NO FLY ASH ALLOWED)
2. SMOOTH FINISH -1" CHAMFER ON ALL EPOSED EDGES
3. PROVIDE MIN #4 REBARS IN FOOTING AND WEIR, 12" O.C., EACH WAY
4. BACKFILL MATERIAL TO BE INORGANIC COHESIVE SOIL, COMPACTED IN MAXIMUM 12" (LOOSE) LIFTS TO AT LEAST 90% MODIFIED PROCTOR DENSITY (ASTM D-1557)
5. EROSION CONTROL MATERIAL TO BE PROVIDED IN FRONT AND REAR OF WEIR OPENING.
6. CONTRACTOR TO NOT EXCEED SPECIFIED DETENTION POND ELEVATIONS UNTIL STORM WATER SYSTEM IS FULLY FUNCTIONAL FOR THE MASS GRADE CONDITION.

GRADING NOTES

1. REFER TO SHEET C3.0 FOR ALL GRADING AND DRAINAGE NOTES AND SYMBOL LEGEND.
2. CURB INLET RIM ELEVATION LABELS ARE REFERENCING THE GUTTER FLOW LINE ELEVATION.

KEY MAP



No.	REVISIONS	DATE	BY
1	PER VILLAGE COMMENT	07/29/25	JRH
2	PER VILLAGE COMMENT	07/01/25	JRH
3	PER VILLAGE COMMENT	05/30/25	JRH
4	PER VILLAGE COMMENT	04/21/25	JRH

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SCALE: AS NOTED
DESIGNED BY: JRH
DRAWN BY: SFH
CHECKED BY: EJT

SUGAR GROVE, LLC

TEMPORARY DETAILED GRADING & DRAINAGE PLAN

THE GROVE - AREA 1 (SINGLE FAMILY)
SUGAR GROVE, IL 60554

ORIGINAL ISSUE: 1/31/2025
KHA PROJECT NO. 168740009
SHEET NUMBER
C3.3.1

Drawing name: K:\CHS_LDEV\168740009_Crown_Lots1&2_Sugar Grove _IL\2 Design\CAD\PlanSheets\Lot 1\C3.3 TEMP DETAILED GRADING & DRAINAGE PLAN.dwg Aug 18, 2025 3:41pm by: JoeHonnoh
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