

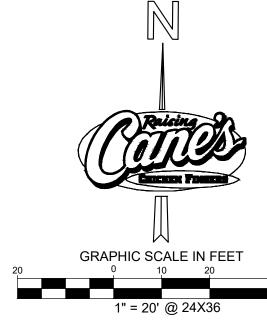
UTILITY KEYNOTE LEGEND					
A	PROPOSED VAULT MOUNTED TRANSFORMER. CONCRETE PAD BY DEVELOPER. CONTRACTOR TO INSTALL BOLLARDS PER COMED REQUIREMENTS.				
В	PROPOSED TWO 1" WATER TO DUMPSTERS WITH RPZ VALVES RUNNING IN PARALLEL. REFERENCE MEP PLANS.				
©	PROPOSED 6" WATER LINE ENTRY. REFERENCE MEP PLANS FOR CONTINUATION.				
D	PROPOSED MONUMENT SIGN TO BE INTERNALLY ILLUMINATED W/ ELECTRONIC MESSAGING BOARD. SEE NOTE 16.				
E	3"-4" CONDUITS FOR IRRIGATION/ELECTRICAL. THIS IS SHOWN FOR REDUNDANCY ONLY. REFER TO IRRIGATION PLANS (BY OTHERS) FOR FINAL IRRIGATION SLEEVE LOCATIONS.				
F	EXISTING SANITARY GREASE TRAP. ADJUST RIMS AS NECESSARY.				
G	REFER TO ELECTRICAL PLANS (BY OTHERS) FOR CONDUIT SPECIFICATIONS.				
Н	EXISTING GAS SERVICE TO REMAIN.				
1	INSTALL TWO 4" SCHEDULE 40 PVC CONDUIT WITH PULL WITE FOR TELEPHONE AND INTERNET.				

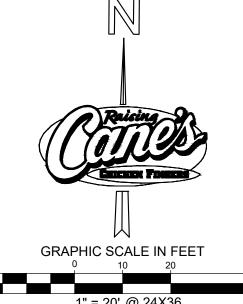
GRADING NOTES

- 1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THESE PLANS AND THE VILLAGE OF HOMEWOOD STANDARDS AND SPECIFICATIONS.
- 2. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL MAKE CERTAIN THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING
- 3. THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE COMMENCEMENT OF ANY CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES. MINOR ADJUSTMENTS TO FINISH GRADE TO ACCOMPLISH SPOT DRAINAGE ARE ACCEPTABLE, IF NECESSARY, UPON PRIOR APPROVAL OF ENGINEER. PAVING INSTALLED SHALL "FLUSH OUT" AT ANY JUNCTURE WITH EXISTING PAVING.
- 4. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES. AND WHERE POSSIBLE. MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- 5. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
- 6. EXISTING AND PROPOSED GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT.
- 7. THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE EPA OR APPLICABLE STATE GENERAL N.P.D.E.S. PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- 8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS
- 9. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
- 10. FOR CURRENT TOPOGRAPHIC INFORMATION REFER TO THE ALTA SURVEY. IF THE CONTRACTOR DOES NOT ACCEPT EXISTIN TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY, AT THEIR EXPENSE A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR TO THE OWNER FOR REVIEW.
- 11. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 4H:1V OR STEEPER. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
- 12. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
- 13. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING FOOTPRINT DIMENSIONS.
- 14. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND FINAL GEOTECH REPORT FOR BUILDING SUBGRADE PREPARATION REQUIREMENTS.
- 15. CONTRACTOR SHALL ADJUST EXISTING VALVES, MANHOLE RIMS, ETC. AS NECESSARY TO MATCH FINISHED GRADE. CONTRACTOR SHALL CONFIRM ALL EXISTING MANHOLES WITHIN PROJECT AREA ARE IN COMPLIANCE WITH CURRENT VILLAC OF HOMEWOOD AND COOK COUNTY REQUIREMENTS. CONTRACTOR SHALL IMPROVE STRUCTURES AS NECESSARY TO MEET CURRENT REQUIREMENTS.
- 16. ALL ELEVATIONS ARE TOP OF PAVEMENT UNLESS NOTED OTHERWISE. TO GET TOP OF CURB ELEVATIONS ADD 6" TO THE ELEVATION SHOWN.
- 17. GRADING FOR ALL SIDEWALKS AND ACCESSIBLE ROUTES INCLUDING CROSSING DRIVEWAYS SHALL CONFORM TO ADA STANDARDS. SLOPES SHALL NOT EXCEED 5% LONGITUDINAL SLOPE OR 2% CROSS SLOPE. SIDEWALK ACCESS TO EXTERNA BUILDING DOORS SHALL BE ADA COMPLIANT. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF ADA CRITERIA CANNO BE MET AT ANY LOCATION.
- 18. ANY PROPOSED CONTOURS SHOWN ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN THE EVENT OF ANY DISCREPANCIES.
- 19. ALL VEGETATION SHALL BE CLEARED AND GRUBBED FOR ALL AREAS TO BE DISTURBED.
- 20. ALL FILL TO BE PLACED SHALL BE IN ACCORDANCE WITH THE CURRENT APPLICABLE GEOTECHNICAL REPORT RECOMMENDATIONS.

UTILITY NOTES

- 1. SEE MEP PLANS FOR ALL UTILITY CONNECTIONS INTO BUILDING.
- 2. REFER TO VILLAGE OF HOMEWOOD STANDARD AND DETAILS FOR TRENCHING, BEDDING, BACKFILL, AND TRENCH COMPACTION REQUIREMENTS.
- 3. REFER TO ARCHITECTURE PLANS FOR LOCATION AND SIZING OF SLEEVES FOR FRANCHISE UTILITIES, IRRIGATION, ETC.
- 4. ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- 5. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
- 6. WATER LINES SHALL BE AS FOLLOWS:
- PRIVATE (LARGER THAN 3 INCHES): DUCTILE IRON PIPE, CLASS 52 OR POLYVINYL CHLORIDE PLASTIC PIPE (ASTM D-3212 AND AWWA C900) PRIVATE (3 INCHES OR SMALLER): TYPE "K" SOFT COPPER, ASTM B88
- 7. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE VILLAGE OF HOMEWOOD WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER LINE.
- 8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DEFLECT ELECTRIC, GAS, CABLE, AND TELEPHONE CONDUIT AND PIPING AS REQUIRED TO AVOID UTILITY CONFLICTS.
- 9. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD, THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- 10. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY PERMITS, INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY VILLAGE CODES AND/OR UTILITY SERVICE COMPANIES.
- 11. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS IN REGARDS TO TAPS, HYDRANTS, VALVES, ETC.
- 12. CONTRACTOR IS RESPONSIBLE FOR PAVEMENT REPLACEMENT REQUIRED FOR ALL UTILITY INSTALLATIONS PER VILLAGE OF HOMEWOOD STANDARDS.
- 13. WATER TIGHT CONNECTION SHALL BE MADE USING A RESILIENT CONNECTOR "SEAL BOOT" PER ASTM C-923.
- 14. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 5.5 FEET COVER ON ALL WATER LINES.
- 15. CONTRACTOR TO PROVIDE POWER TO MONUMENT SIGN. REFER TO ELECTRICAL SITE PLAN FOR SIZE AND TYPE.
- 16. CONTRACTOR SHALL ADJUST EXISTING VALVES, MANHOLE RIMS, ETC. AS NECESSARY TO MATCH FINISHED GRADE.





GRADING LEGEND

US		PROPERTY/LEASE/LOT LINE
		ADJACENT PROPERTY LINE
NG		EXISTING EASEMENT
ŝE,	630	EXISTING CONTOUR
_	630 ———	PROPOSED CONTOUR
	1.00%	PROPOSED FLOW ARROW WITH SLOPE
	FL	FLOW LINE
.GE T	TC	TOP OF CURB
	TS	TOP OF SLAB (DUMPSTER PAD)
	ME	MATCH EXISTING ELEVATION
	FG	FINISHED GRADE
	EG	EXISTING GRADE
AL OT	ADJ. R	ADJUST EX. RIM ELEVATION
0	R	RIM ELEVATION
	RIDGE	PROPOSED RIDGE
		LIMITS OF DISTURBANCE
		SAWOUT LINE

100 YEAR OVERLAND FLOW ROUTE

UTILITY LEGEND

♦	EX. HYDRANT
(GT)	EX. SANITARY SEWER MANHOLE
•	EX. STORM MANHOLE
——— W ———	EX. WATER LINE
	EX. SANITARY LINE
>	EX. STORM LINE
GAS	EX. GAS LINE
UGE	EX. UNDERGROUND ELECTRIC LINE
	EX. UNDERGROUND TELECOM LINE
• 🔘 💿 🖸	PROPOSED STORM STRUCTURE
(9)	PROPOSED VALVE VAULT
	PROPOSED TRANSFORMER
⊕ □	LIGHT POLE
ELEC	PROPOSED UNDERGROUND ELECTRIC LI
——— GAS ———	PROPOSED GAS LINE
TEL	PROPOSED TELEPHONE LINE
	PROPOSED STORM SEWER LINE
w	PROPOSED WATER LINE
	- 47

3 - 4" CONDUITS FOR IRRIGATION / ELECTRICAL

(REFER TO IRRIGATION PLANS)







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SHEET REVISIONS					
ΕV	DATE	DESCRIPTION			
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FOR REVIEW ONLY					
PERMIT/ BID DATE ISSUANCE:					
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11.10.25 **PRELIMINARY**

ENGINEERING PLAN SHEET NAME:

SHEET NUMBER: