



CHILDREN'S
BUILDING

CUMBERLAND FELLOWSHIP
1640 WEST AVENUE
CROSSVILLE, TN 38555

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REVISIONS:	
FILE:	2023-043

C105

LEGEND:

EXISTING	PROPOSED	
535	535	GROUND CONTOUR ELEVATION
535.25'	535.25'	SPOT ELEVATION
		STRUCTURE
	NA	PROPERTY LINE
	NA	EASEMENT
		EDGE OF PAVEMENT
SD	SD	STORM DRAIN
SS	SS	SANITARY SEWER
PW	PW	POTABLE WATER
NG	NG	NATURAL GAS
OE	OE	OVERHEAD ELECTRICAL
		WATER METER
	NA	FIRE HYDRANT
		SURFACE FLOW
		SILT FENCING
		CURB
		CATCH BASIN
NA		CONCRETE PAVEMENT
NA		ASPHALT PAVEMENT
NA		RIP RAP

SITE UTILITY NOTES

- SITE BOUNDARY AND TOPOGRAPHIC INFORMATION IS BASED ON A SURVEY BY CLINTON SURVEYING DATED 01/06/2025. THE CONTRACTOR SHALL VERIFY CONDITIONS AND INFORM THE ARCHITECT OF ANY DISCREPANCIES. THE ARCHITECT AND THE ENGINEER ACCEPT NO RESPONSIBILITY FOR THE ACCURACY AND/OR COMPLETENESS OF EXISTING CONDITIONS INFORMATION PROVIDED BY OTHERS.
- UTILITY INFORMATION IS BASED ON INFORMATION OBTAINED FROM THE UTILITY PROVIDERS. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACCURACY OF THIS INFORMATION. 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 DESIGN PLANS FOR THE DEVELOPMENT AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THE CONTRACTOR MUST CALL LOCAL UTILITY PROVIDERS 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 THESE PLANS.
- UTILITIES UNDERGROUND SHALL BE INSTALLED, INSPECTED, AND APPROVED BEFORE BACKFILLING. CONTRACTOR SHALL PAY ALL FEES.
- ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR LOCAL UTILITY PROVIDERS SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE. AS BUILT DRAWINGS SHALL BE PREPARED AND SUBMITTED TO UTILITY PROVIDERS AS REQUIRED AFTER CONSTRUCTION AND COPIED TO ENGINEER OF RECORD.
- CONTRACTOR SHALL MAINTAIN A MINIMUM COVER OF 18" ON WATER LINES AND 4 FEET ON SEWER LINES.
- WATER, SEWER, AND STORM LINES SHALL BE KEPT 10 FEET APART HORIZONTALLY AND 18 INCHES APART VERTICALLY WHEN CROSSING (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE) UNLESS NOTED OTHERWISE.
- WATER LINES SHALL BE AS FOLLOWS:
1-3" WATER LINE PER ASTM F876 AND AWWA C304
PIPE SIZES 4 INCHES AND LARGER: DUCTILE IRON WATER PIPE (AWWA C151), PRESSURE CLASS 350 (4 INCHES - 12 INCHES).
- SANITARY SEWER PIPE SHALL BE AS FOLLOWS:
PVC (SCHEDULE 40 PVC ASTM D-1785, CONTINUALLY MARKED AS REQUIRED), FOR PIPE LESS THAN 12 FEET DEEP.
DUCTILE IRON PIPE (AWWA C151), FOR PIPES GREATER THAN 12 FEET DEEP.
- TOPS OF EXISTING UTILITY STRUCTURES SHALL BE RAISED OR LOWERED AS NECESSARY TO BE FLUSH WITH THE PROPOSED PAVEMENT GRADE AND 6 INCHES ABOVE FINISHED GRADE IN UNPAVED AREAS.
- GAS LINES SHALL BE SIZED, LOCATED, AND INSTALLED BY LOCAL UTILITY PROVIDER. CONTRACTOR SHALL COORDINATE AND PAY ALL FEES.
- REFER TO ARCHITECTURAL MEP PLANS FOR TIE IN OF ALL UTILITIES.
- REFER TO ARCHITECTURAL MEP PLANS FOR SITE LIGHTING ELECTRICAL PLAN.
- FIRE PROTECTION SERVICE SHALL BE BY NEW FIRE HYDRANTS AS DEPICTED ON THIS PLAN.
- CONTRACTOR SHALL TAKE SPECIAL CARE TO BED BACKFILL AND COMPACT PIPE CROSSINGS WHERE A WATER OR SANITARY SEWER MAIN CROSSES WITH STORM SEWERS. CROSSINGS SHALL BE CONSTRUCTED WITH A WELL COMPACTED FULL STONE ENVELOPE SUCH THAT STORM SEWER DOES NOT BEAR DIRECTLY ON WATER OR SANITARY SEWER MAINS.
- SEWER LINES SHALL HAVE A MINIMUM 6 INCHES OF STONE BEDDING AND BACKFILL AROUND THE CIRCUMFERENCE OF THE PIPE (TYPE 57 OR 67). UNDER ALL ROADS AND PAVED AREAS, WATER AND SEWER MAINS MUST BE STONE BACKFILLED FULL DEPTH TO PAVEMENT SUBGRADE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY CONNECTION, TAP, USE, AND OTHER FEES REQUIRED TO CONNECT WATER, SEWER, AND GAS.
- ANY EXISTING UTILITY STRUCTURES SHALL BE BROUGHT INTO CONFORMANCE WITH FINISH GRADE IN ACCORDANCE WITH THE RULES, RATES, AND POLICIES OF THE UTILITY OWNER.

SITE UTILITY PLAN
1" = 20'-0"

