

SITE PLAN NOTES:  
VICINITY MAP  
(n.t.s.)

**GENERAL NOTES FOR NICHOLASVILLE KENTUCKY:**

- REFER TO THE CITY OF NICHOLASVILLE GENERAL SPECIFICATIONS FOR THE CONSTRUCTION OF WATER FACILITIES, SEWERAGE FACILITIES, STREETS, AND DRAINAGE FACILITIES, FOR MATERIALS, INSTALLATION METHODS, TESTING PROCEDURES, AND INSPECTION REQUIREMENTS.
- ANY CHANGES FROM THE APPROVED PLANS SHALL BE SUBMITTED IN WRITING TO AND APPROVED BY THE NICHOLASVILLE PLANNING COMMISSION PRIOR TO THE WORK BEING DONE.

**STORM DRAINAGE FACILITIES NOTES FOR NICHOLASVILLE KENTUCKY:**

- STORM SEWER PIPE SHALL BE AS DESIGNATED ON THE APPROVED CONSTRUCTION PLANS, AND SHALL CONFORM TO THE GENERAL SPECIFICATIONS.
- BEDDING AND BACKFILL SHALL CONSIST OF THE FOLLOWING:
  - WHEN THE TRENCH EXCAVATION IS IN ROCK, THE PIPE SHALL BE BEDDED ON AT LEAST 6 INCHES OF NO. 9 OR NO. 68 CRUSHED STONE, AND SHALL BE BACKFILLED WITH NO. 9 OR NO. 68 CRUSHED STONE FOR A MINIMUM OF 12 INCHES ABOVE THE TOP OF THE PIPE. BACKFILL ABOVE THIS CUSHION SHALL NOT CONTAIN PIECES OF ROCK LARGER THAN 12 INCHES IN ANY DIMENSION.
  - WHEN THE TRENCH EXCAVATION IS IN SOIL, CORRUGATED METAL PIPE (CMP), REINFORCED CONCRETE PIPE (RCP), DUCTILE IRON PIPE (DIP) AND SHALL BE BEDDED ON A LEAST 6 INCHES OF NO. 9 OR NO. 68 CRUSHED STONE AND SHALL BE BACKFILLED WITH NO. 9 OR NO. 68 CRUSHED STONE TO THE SPRINGLINE OF THE PIPE. THE REMAINING PORTION OF THE TRENCH NOT LOCATED WITHIN A STREET, CAN BE BACKFILLED WITH SELECT SOIL CONTAINING ROCKS NO LARGER THAN 3/4 INCH IN SIZE.
  - WHEN THE TRENCH EXCAVATION IS IN SOIL, HIGH DENSITY POLYETHYLENE (HDPE) PIPE AND POLY VINYL CHLORIDE (PVC) PIPE SHALL BE BEDDED ON AT LEAST 6 INCHES OF NO. 9 OR NO. 68 CRUSHED STONE AND SHALL BE BACKFILLED WITH NO. 9 OR NO. 68 CRUSHED STONE TO THE TOP OF THE PIPE. THE REMAINING PORTION OF THE TRENCH NOT LOCATED WITHIN A STREET, CAN BE BACKFILLED WITH SELECT SOIL CONTAINING ROCKS NO LARGER THAN 3/4 INCH IN SIZE.
  - WHEN THE TRENCH EXCAVATION IS WITHIN A STREET (I.E., BACK OF CURB TO BACK OF CURB), THEN THE ENTIRE TRENCH SHALL BE BACKFILLED WITH NO. 9 OR NO. 68 CRUSHED STONE.
- MANHOLES SHALL BE CONSTRUCTED OF PRECAST CONCRETE AND SHALL CONFORM TO THE GENERAL SPECIFICATIONS. ALL MANHOLE TOPS SHALL BE ECCENTRIC IN DESIGN. CONICAL TOPS SHALL BE USED FOR ALL MANHOLES WITH DEPTHS SUFFICIENT FOR THEIR USE. MINOR GRADE ADJUSTMENTS (THROUGH THE USE OF GRADE RINGS) TO THE RIM ELEVATION SHALL NOT EXCEED 12 INCHES. NO MORE THAN 2 GRADE RINGS SHALL BE PERMITTED. BITUMINOUS MASTIC SEALANT SHALL BE USED AT EACH JOINT OF THE MANHOLE AND BETWEEN ALL GRADE RINGS AND/OR CASTINGS. NON-SHRINK (HYDRAULIC) GROUT SHALL BE REQUIRED INSIDE THE MANHOLES WHERE THE PIPES ENTER AND EXIT.
- HEADWALLS AND OTHER CONCRETE STRUCTURES SHALL BE AS DESIGNATED ON THE APPROVED CONSTRUCTION PLANS, AND SHALL CONFORM TO THE GENERAL SPECIFICATIONS.
- DRAINAGE SWALES AND DETENTION BASINS SHALL CONFORM TO THE GENERAL SPECIFICATIONS. DRAINAGE SWALES SHALL BE SODDED TO THE ELEVATION OF THE 25-YEAR FREQUENCY STORM. THE BOTTOMS AND SIDE SLOPES OF DETENTION BASINS SHALL BE SODDED.

**GENERAL NOTES:**

- EXISTING UTILITIES ARE LOCATED USING THE BEST INFORMATION AVAILABLE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL UTILITIES PRIOR TO DIGGING. DAMAGE TO EXISTING UTILITIES IS TO BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.
- ALL UTILITIES TO REMAIN ARE TO BE PROTECTED THROUGHOUT ALL CONSTRUCTION ACTIVITIES. ALL UTILITIES TO BE REMOVED OR CAPPED TO BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY COMPANY AND GOVERNING AGENCY HAVING JURISDICTION.
- THE CONTRACTOR IS TO LOCATE ALL EXISTING UTILITIES (B.U.D.), INCLUDING NON-MEMBER UTILITIES, PRIOR TO ANY CONSTRUCTION.
- THE UTILITY LOCATION INFORMATION SHOWN ON THESE PLANS IS APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF THE UTILITIES PRIOR TO ANY CONSTRUCTION.
- ALL STORM SEWER INLETS, BOTH EXISTING AND PROPOSED, DIRECTLY INTERCEPTING STORM WATER AS A RESULT OF THIS DEVELOPMENT SHALL BE EQUIPPED WITH INLET PROTECTION IN ACCORDANCE WITH THE BMP PLAN.
- WHERE LESS THAN 18" CLEARANCE BETWEEN STORM AND SANITARY, CONTRACTOR TO CONCRETE ENCASE SANITARY PIPE 10 FEET TO EITHER SIDE OF THE CROSSING.
- ALL STORM SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF NICHOLASVILLE STANDARDS AND SPECIFICATIONS.
- ALL DOWNSPOUTS NOT BEING SPLASHED SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM. CONTRACTOR SHALL INSTALL HEADER PIPES, AS NECESSARY, WITH SUFFICIENT PIPE SIZES (PER PLUMBING CODES) AND AT SUFFICIENT SLOPES (NOT LESS THAN 1%) TO CARRY ROOF DRAINAGE. CONTRACTOR SHALL INSTALL CLEANOUTS WHERE NECESSARY TO MAINTAIN ALL DOWNSPOUTS AND HEADER PIPES.
- WATER QUALITY SPECIFICATION "FLEXSTORM PURE FILTER BASKET" FOR ALL CURB AND DROP BOX INLETS.
- PIPE LENGTHS SHOWN ON PROFILES ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- DETENTION FOR THIS PROJECT WILL BE HANDLED OFFSITE.
- RIM REFERS TO TOP OF GRATE FOR TYPE F CURB BOX INLETS.

**PIPE ALTERNATE NOTE:**

CONTRACTOR MAY SUBSTITUTE HDPE PIPE FOR RCP PIPE AT HIS/HER DISCRETION.

**INFRASTRUCTURE FIELD ADJUSTMENT NOTE**

INLET AND RIM ELEVATIONS FOR SANITARY AND STORM SEWER STRUCTURES SHOWN HEREON ARE BASED ON APPLIED TYPICAL STREET SECTIONS AND LOT GRADING. CONTRACTOR TO MAKE NECESSARY FIELD ADJUSTMENTS TO THESE STRUCTURES TO MATCH CONSTRUCTED FIELD CONDITIONS AT NO ADDITIONAL COST TO THE OWNER OR THE ENGINEER. FIELD ADJUSTMENTS TO WATERLINE APPURTENANCES SHALL ALSO BE REQUIRED TO MATCH CONSTRUCTED FIELD CONDITIONS.

PVA #045-30-07-021.00  
CITY OF NICHOLASVILLE  
D.B. 267; P. 303  
P.C. 4; SL. 104-B  
CITY - ZONE R-1  
(EXISTING DETENTION BASIN)

PVA #045-30-08-001.00  
CUMBERLAND LAKE SHELL, INC.  
D.B. 762; P. 704  
P.C. 4; SL. 103  
CITY - ZONE B-1

PVA #057-10-02-001.01  
THE FARMERES BANK  
D.B. 600; P. 418  
P.C. 10; SL. 144  
CITY - ZONE B-1

**SITE STATISTICS:**

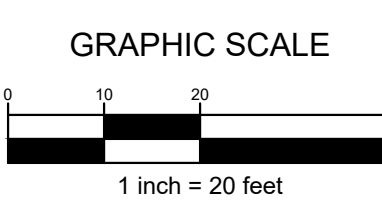
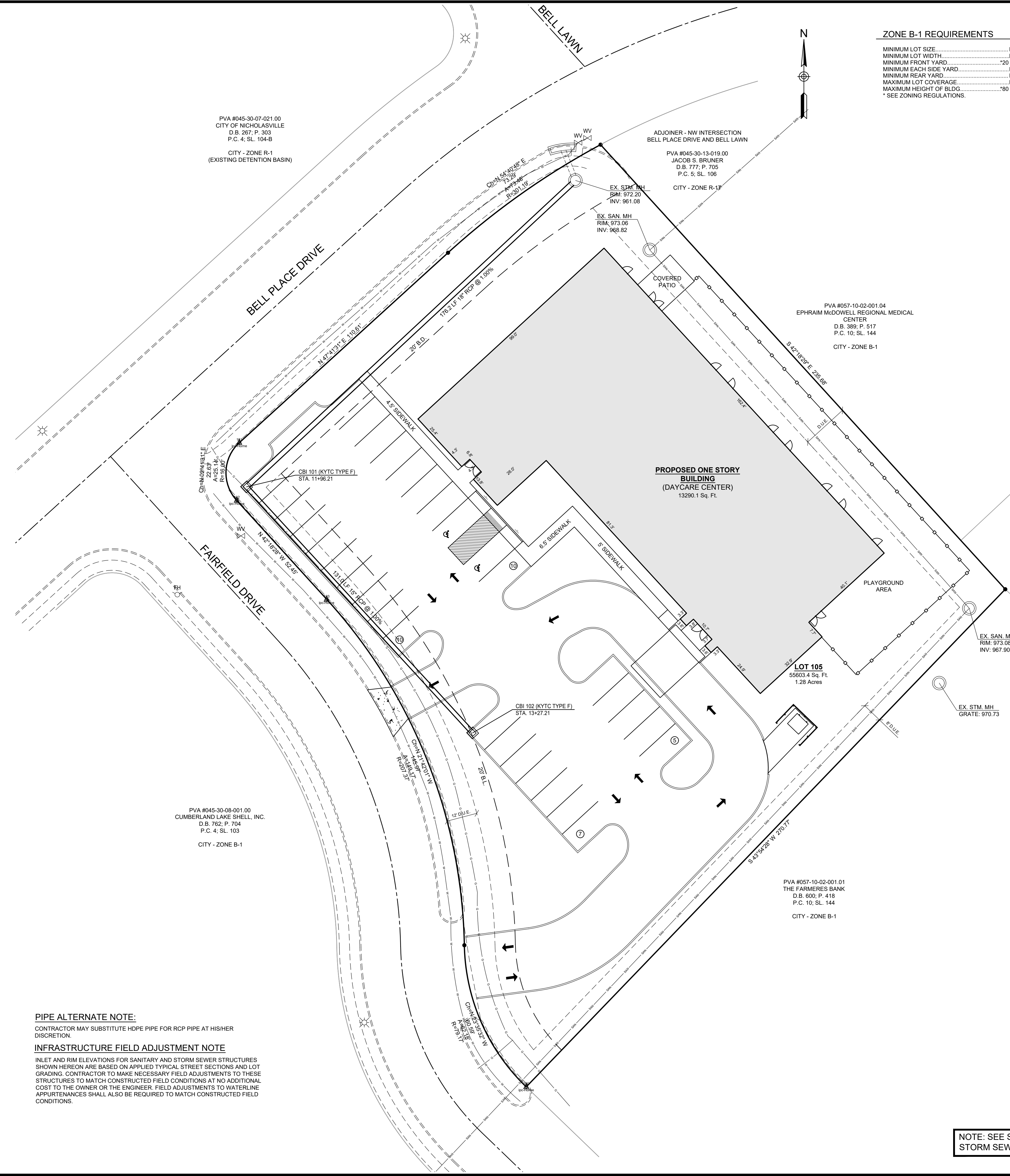
TOTAL AREA	1.28 ACRES
AREA IN R.W.	N/A
AREA IN LOTS	1.28 ACRES
NO. OF LOTS	1
L.F. OF STREET	N/A
MINIMUM EACH SIDE YARD	N/A
MINIMUM REAR YARD	N/A
MAXIMUM LOT COVERAGE	B-1
PARKING REQUIRED	31
PROVIDED PARKING	32

**ZONE B-1 REQUIREMENTS**

MINIMUM LOT SIZE	N/A
MINIMUM LOT WIDTH	N/A
MINIMUM FRONT YARD	20 FT.
MINIMUM EACH SIDE YARD	N/A
MINIMUM REAR YARD	N/A
MAXIMUM LOT COVERAGE	N/A
MAXIMUM HEIGHT OF BLDG.	80 FT.

\* SEE ZONING REGULATIONS.

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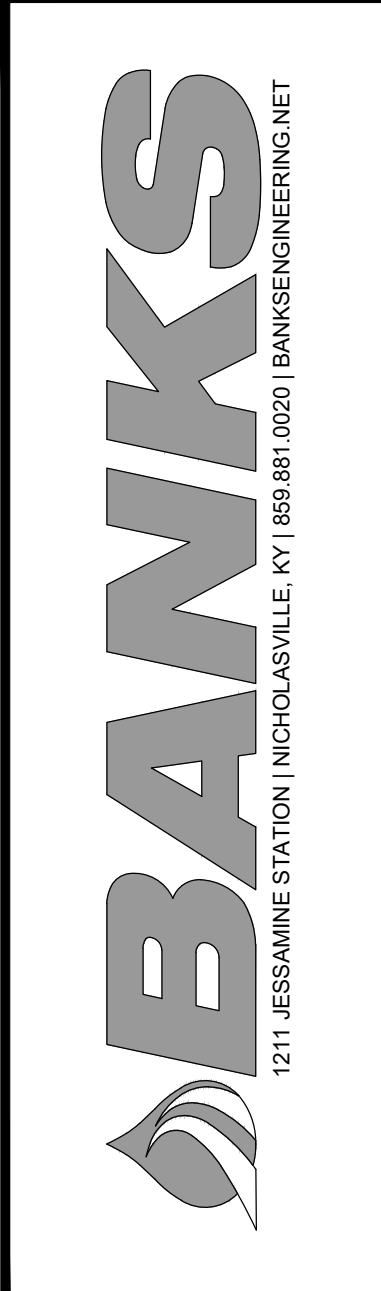


NOTE: SEE SHEET 8 FOR STORM SEWER PROFILES.

**NOT FOR CONSTRUCTION**

OWNER  
**EPHRAIM McDOWELL REGIONAL MEDICAL CENTER, INC.**  
217 S. 3rd STREET, DANVILLE, KY 40422  
DEVELOPER  
**HEARTLAND ACADEMY**  
100 COURCHELLE DRIVE, NICHOLASVILLE, KY 40356

**LOT 105 BELL PLACE SUBDIVISION**  
101 FAIRFIELD DRIVE  
STORM SEWER PLAN



DATE	MARCH, 2020
REVISION	
1	
2	
3	
4	
5	
SHEET	6 of 9
JOB#	19108
DRAWN	CBS
CHECKED	JDB