AS-BUILT PLANS

SANITARY SEWER
to serve
WESLEY MEDICAL CENTER PARKING GARAGE
550 N. HILLSIDE AVE.
CITY OF WICHITA, KANSAS

Paul Gunzelman, P.E. City Engineer
Project Number
2025-027514 PPS
(ORG 53030982)

GENERAL NOTES:

1. The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
2. Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:

   Kansas One-Call 687-2470

   The Contractor must notify the following in case of an emergency:

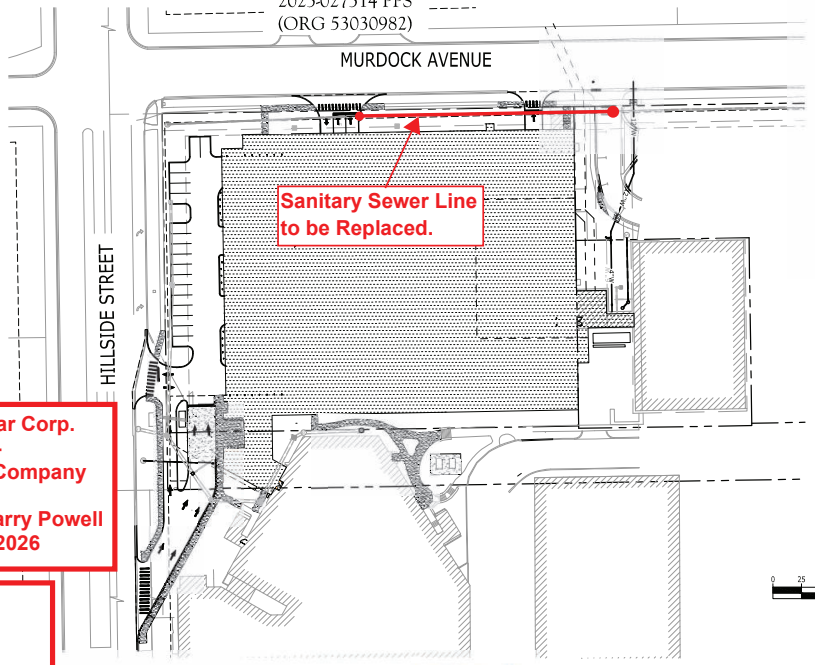
AT&T	1-800-246-4864
Black Hills Energy	1-800-694-8989
City of Wichita Water & Sewer	1-316-219-8921
City of Wichita Stormwater	1-316-268-4090
City of Wichita Traffic	1-316-268-4034
Cox Communications	1-888-249-3530
Kansas Gas Services	1-888-482-4950
Evergy	1-800-544-5857

3. Utility service lines, poles, etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
4. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations, in the opinion of the Engineer, that will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain will require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits will require additional archaeological investigations unless buried in a previously approved borrow location.
5. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the City Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
6. The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.
7. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.
8. The Engineering Division shall field locate water valves one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, valve boxes or fire hydrants damaged during construction shall be repaired by Contractor at his own expense. Valve boxes and water meters within the project limits shall be adjusted to match final grades by the contractor.
9. The Contractor shall notify the inspecting engineer and Dawnita Reinhardt at 316-268-4574 with the City of Wichita with the anticipated construction start date and notify them of project completion. Staking and inspection for this project will be the responsibility of the Contractor.
10. If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Mike Armour at traffic@wichita.gov before construction can begin. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform t the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractors responsibility.
11. All elevations shown are NAVD 88.
12. All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.
13. Any sidewalk, drive approach, curb, or street pavement removed to construct project must have a pavement cut permit and be replaced by the City contractor. Permits can be obtained by calling 316-268-4501 or 316-268-4480.
14. All applicable fees (tap, equity, in lieu of & main benefit) must be paid before any connections can be made on this project. Quotes can be obtained on fees by calling 316-268-4555.
15. City maintenance of sanitary sewer mains ends at last structure within the easement or right-of-way.
16. All stubs and capped pipes shall be located with green plastic tape in the same number as risers
17. Connecting to Existing Manholes:
    Prior to laying sewer lines using existing stubs in existing manholes, the Contractor shall expose and verify the elevation, grade and alignment of existing stubs and notify the Engineer of any deviation from the plans. Where the stub is unusable due to elevation grade or alignment, the Contractor shall remove the stub and plug the hole, and reshape the existing manhole invert to provide smooth flow. Where connecting to an existing manhole that does not have an existing stub, the Contractor shall core cut into existing manhole wall to make connection using approved water stop gasket, and reshape the existing manhole invert to provide smooth flow. The cost to connecting to existing manholes is incidental to the project.
18. The Contractor shall limit the extent of trench open overnight and weekends to less than 50 feet.
19. Contractor shall provide positive drainage away from all manhole covers.
20. The Contractor Shall prevent any construction debris from entering the existing sanitary sewer during construction.
21. The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractors proposed method for maintaining sewage flow shall be submitted and approved by the Sewer Maintenance Division (316-268-4073) prior to starting and by-passing of sewage flows.
22. Any over excavation from manhole and pipe removal shall be backfilled with AB-3 compacted to 90-95% ASTM D698.
23. The Contractor shall protect from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractors expense.

Utility Contractor = Fremar Corp.
Inspector = Fred Smith - Baughman Company

As-Built Plans = FES + Larry Powell
May 01, 2026

10" PVC Pipe = Westlake.
10" RJPVC Pipe = Westlake.
20" Dia. Steel Casing Pipe = Challenger Pipe and Steel LLC

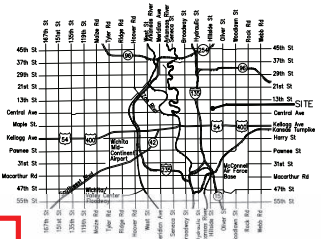


Benchmarks

BM #1:
Center Shot of Sanitary Sewer Manhole Approximately 21.4 feet West and 25.6 feet North of the Southwest Corner of Lot 4, Wesley Medical Center 3rd Addition, Wichita, Kansas.
Elevation=1338.61

SS23-01
5748C

Construction Began = 4-5-2026
Construction End = 4-23-2026



Vicinity Map

Sheet Number	Sheet Title
C0.4	PPS COVER SHEET
C3.1	EROSION CONTROL PLAN
C3.2	SEDIMENT AND EROSION CONTROL DETAILS
C4.0	DEMOLITION PLAN
C6.0	GRADING, DRAINAGE, & UTILITY PLAN
C6.3	PUBLIC SANITARY SEWER PLAN & PROFILE
SW501	BACK OF CURB PROTECTION, CURB INLET PROTECTION AND CONSTRUCTION ENTRANCE
SW502	SILT FENCE DITCH CHECK AND BARRIER DETAILS
SW503	STRAW BALE DITCH CHECK AND BARRIER DETAILS
SW504	STREET IMPROVEMENT PROJECTS
SW505	SUBDIVISION DEVELOPMENT PROCESS
SS102	MANHOLE FRAME AND COVER (SANITARY SEWER)

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS
ENGINEERING DIVISION

Engineering BETHANY MALLY 12/23/2025
Utilities SCOTT MACEY 12/23/2025

NOTE TO CONTRACTORS

Inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer in the state of Kansas. No work shall be performed by the Contractor without such inspection nor shall any work be commenced without written authorization by City Engineering. All construction and materials shall comply with the current City of Wichita Specifications and Standards and Special Provisions. (On file and available at Wichita.gov).

An approved copy of these plans signed by City staff are required on-site.

Baughman Co. Job No.: 26-03-E445

BARGE DESIGN SOLUTIONS

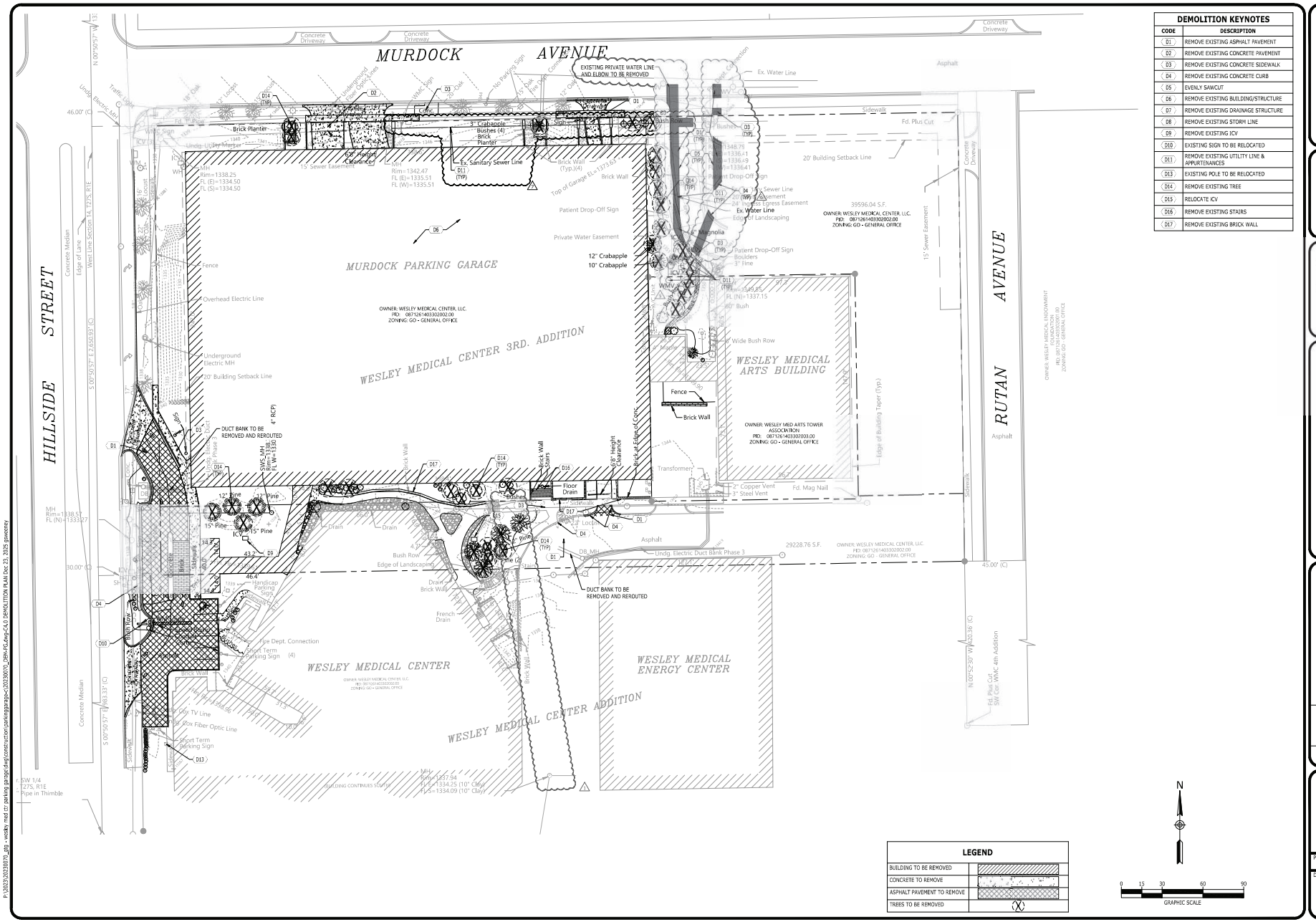
ARCHITECT
BARGE DESIGN SOLUTIONS
615 3RD AVE SOUTH
NASHVILLE, TN 37210
615-254-1500

HCA Healthcare

PREPARED FOR
WESLEY MEDICAL CENTER
550 NORTH HILLSIDE STREET
WITCHITA, KS 67214
316-962-2960

CIVIL ENGINEER/LANDCSAPE ARCHITECT
Catalyst Design Group
5100 TENNESSEE AVENUE,
NASHVILLE, TN 37209
(615) 822-7200
JACK J. PARKER, PE 25943
Jeffrey D. Heinze, PLA 647

25943 KANSAS PROFESSIONAL ENGINEER 12/19/2025



DEMOLITION KEYNOTES	
CODE	DESCRIPTION
D1	REMOVE EXISTING ASPHALT PAVEMENT
D2	REMOVE EXISTING CONCRETE PAVEMENT
D3	REMOVE EXISTING CONCRETE SIDEWALK
D4	REMOVE EXISTING CONCRETE CURB
D5	EVENLY SAWCUT
D6	REMOVE EXISTING BUILDING/STRUCTURE
D7	REMOVE EXISTING DRAINAGE STRUCTURE
D8	REMOVE EXISTING STORM LINE
D9	REMOVE EXISTING ICV
D10	EXISTING SIGN TO BE RELOCATED
D11	REMOVE EXISTING UTILITY LINE & APPURTENANCES
D13	EXISTING POLE TO BE RELOCATED
D14	REMOVE EXISTING TREE
D15	RELOCATE ICV
D16	REMOVE EXISTING STAIRS
D17	REMOVE EXISTING BRICK WALL

LEGEND	
BUILDING TO BE REMOVED	
CONCRETE TO REMOVE	
ASPHALT PAVEMENT TO REMOVE	
TREES TO BE REMOVED	

GRAPHIC SCALE
0 15 30 60 90

Catalyst Design Group
120 WILLIAM ST. SUITE 301, FORT SCOTT, KS 66701
1616 E 9TH STREET, LAWRENCE, KS 66044

WESLEY MEDICAL CENTER, INC.
550 N. HILLSIDE ST.
WICHITA, KS 67214

KANSAS PROFESSIONAL ENGINEER 25943 12-23-2025

WESLEY MEDICAL CENTER
PARKING GARAGE
WICHITA, KANSAS

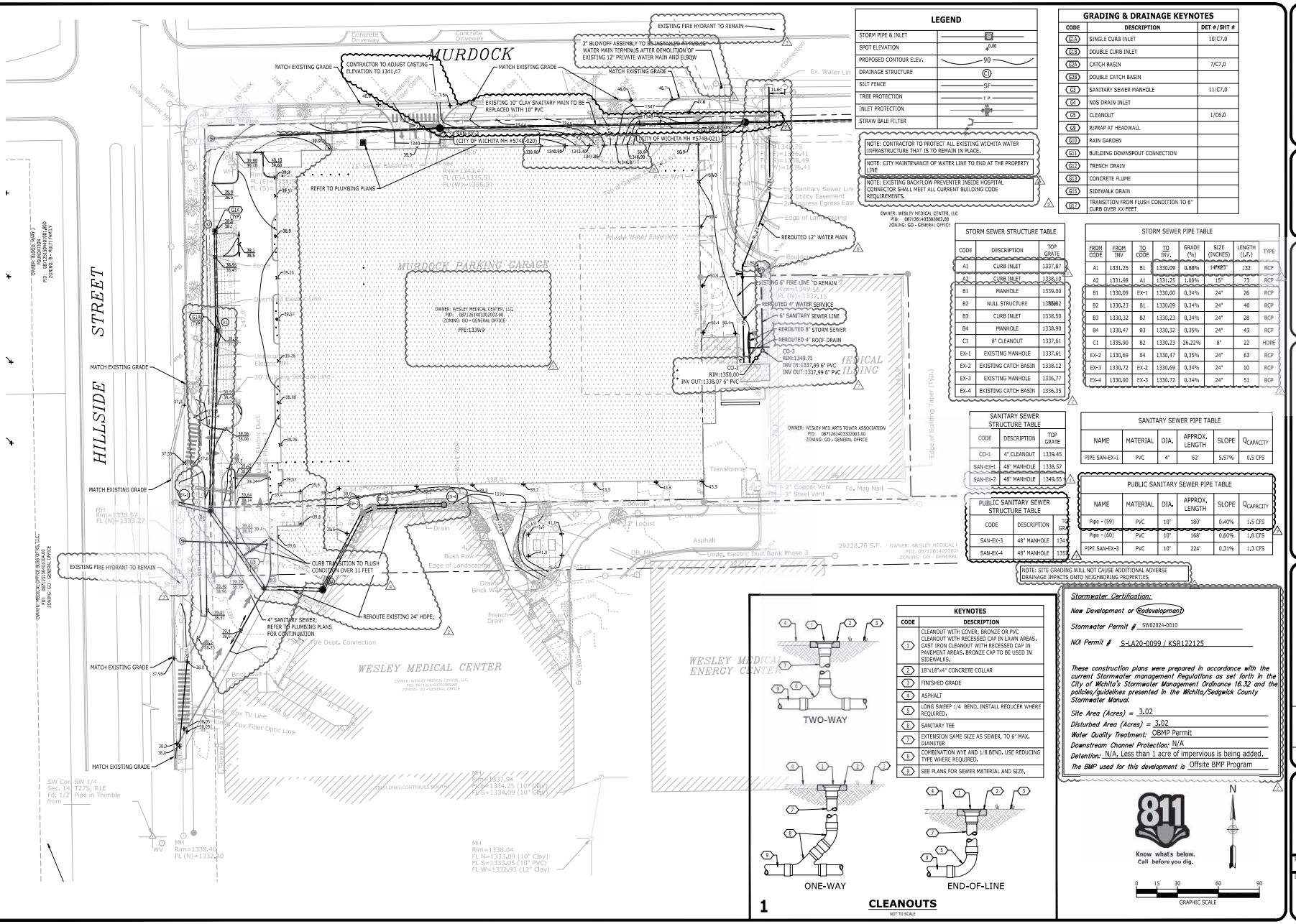
NO.	DATE	DESCRIPTION
1	11/17/2023	ADDENDUM 1
2	03/04/2024	ADDENDUM 2
3	03/27/2024	MISC. COMMENTS
4	04/22/2024	PLAN CHANGES FOR PPW SUBMITTAL
5	08/13/2024	PPW PLAN COMMENTS
6	03/03/2025	AMENDMENT A
7	03/17/2025	PPW PLAN REVISION
8	12/12/2025	PPS 'A-AN SET'

DEMOLITION PLAN

PROJECT NUMBER
20230070

DRAWING NUMBER
C4.0

P:\2023\20230070_arp - wesley med ctr parking garage\dwg\construction plan\engpaps\[20230070_DEM-PG4ap-C4.0 DEMOLITION PLAN Dec 23, 2025 gweeney



LEGEND

STORM PIPE & INLET	
SPOT ELEVATION	0.00
PROPOSED CONTOUR ELEV.	90
DRAINAGE STRUCTURE	C1
SILT FENCE	SF
TREE PROTECTION	T P
INLET PROTECTION	
STRAW BALE FILTER	

NOTE: CONTRACTOR TO PROTECT ALL EXISTING WICHITA WATER INFRASTRUCTURE THAT IS TO REMAIN IN PLACE.

NOTE: CITY MAINTENANCE OF WATER LINE TO END AT THE PROPERTY LINE

NOTE: EXISTING BACKFLOW PREVENTER INSIDE HOSPITAL CONNECTOR SHALL MEET ALL CURRENT BUILDING CODE REQUIREMENTS.

GRADING & DRAINAGE KEYNOTES

CODE	DESCRIPTION	DET #/SHT #
G14	SINGLE CURB INLET	10/C7.0
G15	DOUBLE CURB INLET	
G16	CATCH BASIN	7/C7.0
G28	DOUBLE CATCH BASIN	
G3	SANITARY SEWER MANHOLE	11/C7.0
G4	NDS DRAIN INLET	
G5	CLEANOUT	1/C6.0
G8	RIPRAP AT HEADWALL	
G10	RAIN GARDEN	
G11	BUILDING DOWNSPOUT CONNECTION	
G12	TRENCH DRAIN	
G13	CONCRETE FLUME	
G15	SIDEWALK DRAIN	
G17	TRANSITION FROM FLUSH CONDITION TO 6" CURB OVER XX FEET	

STORM SEWER STRUCTURE TABLE

CODE	DESCRIPTION	TOP GRATE
A1	CURB INLET	1337.87
A2	CURB INLET	1338.10
B1	MANHOLE	1339.00
B2	NULL STRUCTURE	1338.62
B3	CURB INLET	1338.50
B4	MANHOLE	1338.90
C1	8" CLEANOUT	1337.61
EX-1	EXISTING MANHOLE	1337.61
EX-2	EXISTING CATCH BASIN	1338.12
EX-3	EXISTING MANHOLE	1336.77
EX-4	EXISTING CATCH BASIN	1336.35

STORM SEWER PIPE TABLE

FROM CODE	FROM INV	TO CODE	TO INV.	GRADE (%)	SIZE (INCHES)	LENGTH (L.F.)	TYPE
A1	1331.25	B1	1330.09	0.88%	14"X23"	132	RCP
A2	1331.08	A1	1331.25	1.00%	15"	73	RCP
B1	1330.09	EX-1	1330.00	0.34%	24"	26	RCP
B2	1330.23	B1	1330.09	0.34%	24"	40	RCP
B3	1330.32	B2	1330.23	0.34%	24"	28	RCP
B4	1330.47	B3	1330.32	0.35%	24"	43	RCP
C1	1335.90	B2	1330.23	26.22%	8"	22	HDPE
EX-2	1330.69	B4	1330.47	0.35%	24"	63	RCP
EX-3	1330.72	EX-2	1330.69	0.34%	24"	10	RCP
EX-4	1330.90	EX-3	1330.72	0.34%	24"	51	RCP

SANITARY SEWER STRUCTURE TABLE

CODE	DESCRIPTION	TOP GRATE
CO-1	4" CLEANOUT	1339.45
SAN-EX-1	48" MANHOLE	1338.57
SAN-EX-2	48" MANHOLE	1349.55

SANITARY SEWER PIPE TABLE

NAME	MATERIAL	DIA.	APPROX. LENGTH	SLOPE	$Q_{CAPACITY}$
PIPE SAN-EX-1	PVC	4"	62'	5.57%	0.5 CFS

PUBLIC SANITARY SEWER STRUCTURE TABLE

CODE	DESCRIPTION	TOP GRATE
SAN-EX-3	48" MANHOLE	1347
SAN-EX-4	48" MANHOLE	1353

PUBLIC SANITARY SEWER PIPE TABLE

NAME	MATERIAL	DIA.	APPROX. LENGTH	SLOPE	$Q_{CAPACITY}$
Pipe - (59)	PVC	10"	180'	0.40%	1.5 CFS
Pipe - (60)	PVC	10"	168'	0.60%	1.8 CFS
PIPE SAN-EX-3	PVC	10"	224'	0.31%	1.3 CFS

NOTE: SITE GRADING WILL NOT CAUSE ADDITIONAL ADVERSE DRAINAGE IMPACTS ONTO NEIGHBORING PROPERTIES

KEYNOTES

CODE	DESCRIPTION
1	CLEANOUT WITH COVER; BRONZE OR PVC CLEANOUT WITH RECESSED CAP IN LAWN AREAS, CAST IRON CLEANOUT WITH RECESSED CAP IN PAVEMENT AREAS. BRONZE CAP TO BE USED IN SIDEWALKS.
2	18"x18"x4" CONCRETE COLLAR
3	FINISHED GRADE
4	ASPHALT
5	LONG SWEEP 1/4 BEND, INSTALL REDUCER WHERE REQUIRED.
6	SANITARY TEE
7	EXTENSION SAME SIZE AS SEWER, TO 6' MAX. DIAMETER
8	COMBINATION WYE AND 1/8 BEND. USE REDUCING TYPE WHERE REQUIRED.
9	SEE PLANS FOR SEWER MATERIAL AND SIZE.

TWO-WAY

ONE-WAY

END-OF-LINE

1 **CLEANOUTS**
NOT TO SCALE

Stormwater Certification:

New Development or Redevelopment

Stormwater Permit # SWD2024-0010

NOI Permit # S-LA20-0099 / KSR122125

These construction plans were prepared in accordance with the current Stormwater management Regulations as set forth in the City of Wichita's Stormwater Management Ordinance 16.32 and the policies/guidelines presented in the Wichita/Sedgwick County Stormwater Manual.

Site Area (Acres) = 3.02

Disturbed Area (Acres) = 3.02

Water Quality Treatment: OBMP Permit

Downstream Channel Protection: N/A

Detention: N/A, Less than 1 acre of impervious is being added.

The BMP used for this development is Offsite BMP Program

Know what's below. Call before you dig.

N

0 15 30 60 90
GRAPHIC SCALE

NO.	DATE	DESCRIPTION
7	12/12/2025	PDS PLAN SET
6	03/17/2025	PDS PLAN REVISION
5	03/03/2025	AMENDMENT A
4	08/13/2024	PDS PLAN COMMENTS
3	06/22/2024	PLAN CHANGES FOR PDS SUBMITTAL
2	05/03/2024	MISC. COMMENTS
1	03/04/2024	ADDENDUM 2
	11/17/2023	ADDENDUM 1

Catalyst Design Group
120 N. WILLIAM ST., SUITE 201, NORTH RICHLAND, TX 76180
WWW.CATALYSTDESIGNGROUP.COM

WESLEY MEDICAL CENTER, INC.
550 N. HILLSIDE ST.
WICHITA, KS 67214

KANSAS PROFESSIONAL ENGINEER
25943
12-23-2025

WESLEY MEDICAL CENTER
PARKING GARAGE
WICHITA, KANSAS

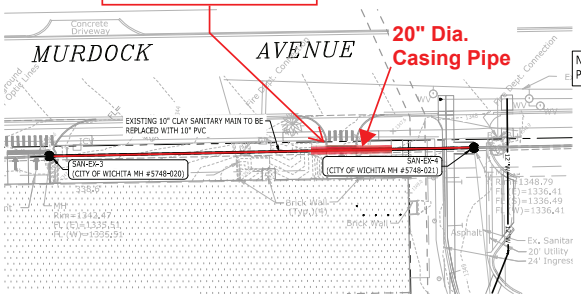
GRADING, DRAINAGE & UTILITIES PLAN

PROJECT NUMBER
20230070

DRAWING NUMBER
C6.0

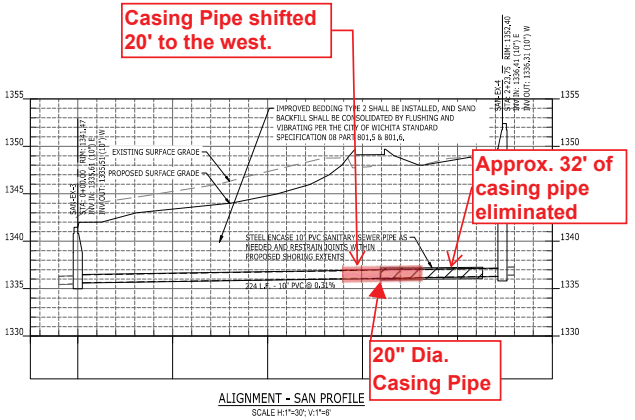
P:\2023\20230070_dgn - wesley med ctr parking garage\dwg construction set\drawings\<20230070_C04-PG.dwg>C6.0 GRADING, DRAINAGE & UTILITIES PLAN Dec 23, 2025 gsweeny

Steel casing pipe extends 40' west of west limits of underground tunnel, with restrained joint pipe within the casing.
Note added by Dawnita Reinhardt, C.O.W.

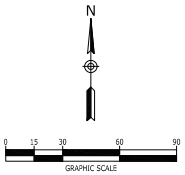


NOTE: CONTRACTOR SHALL CONFIRM EXISTING INVERT ELEVATIONS PRIOR TO PUBLIC SANITARY SEWER MAIN REPLACEMENT.

Casing Pipe shifted 20' to the west.



ALIGNMENT - SAN PROFILE
SCALE H:1"=30'; V:1"=6'



811 Know what's below. Call before you dig.

Catalyst Design Group
130 N. WILLIAM ST., SUITE 200, NORTHBOROUGH, IN 37129
AN ESTABLISHMENT THROUGH A SPACE.COM

WESLEY MEDICAL CENTER, INC.
550 N. HILLSIDE ST.
WICHITA, KS 67214

25943 KANSAS PROFESSIONAL ENGINEER 12/23/2025

WESLEY MEDICAL CENTER PARKING GARAGE
WICHITA, KANSAS

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0	11/17/2023	ADDENDUM 1

PUBLIC SANITARY SEWER PLAN & PROFILE

PROJECT NUMBER
20230070

DRAWING NUMBER
C6.3

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