

RELEASED FOR CONSTRUCTION
As Noted on Plan Review

Development Services Department
Lee's Summit, Missouri

08/21/2025

FINAL DEVELOPMENT PLAN

LEE'S SUMMIT ED EXPANSION

LEE'S SUMMIT, JACKSON COUNTY, MO

PL2025054
CATALYST PROJECT NO. 20240037
APRIL 10, 2025

SITE DATA

TAX MAP: 60
PARCEL ID.: 60-420-99-15-00-0-00-000
SITE ADDRESS: 2000 SHENANDOAH DRIVE
LEE'S SUMMIT, MO 64063

SITE ACREAGE: 24.48 AC. (1,066,349 FT²)
EXISTING ZONING: CP-2
PROPOSED USE: HOSPITAL

IMPERVIOUS SURFACE AREA
BUILDINGS: 0.06 AC. (2,804 FT²)
DRIVES/SIDEWALKS: 0.15 AC. (6,538 FT²)
TOTAL PROPOSED IMPERVIOUS AREA: 0.21 AC. (9,206 FT²)

PARKING REQUIRED:
PROPOSED ADDITION HAS NO IMPACT TO THE REQUIRED PARKING COUNT.

TOTAL PARKING REQUIRED:
114 BEDS X 1.8 SPACES = 206 SPACES REQUIRED
122,799 SF OF MOB'S X (1,000 SF X 5) = 614 SPACES REQUIRED
TOTAL REQUIRED: 820 SPACES REQUIRED
EXISTING PARKING: 825 (INCLUDING PL2024191 PROPOSED PARKING SPACES)

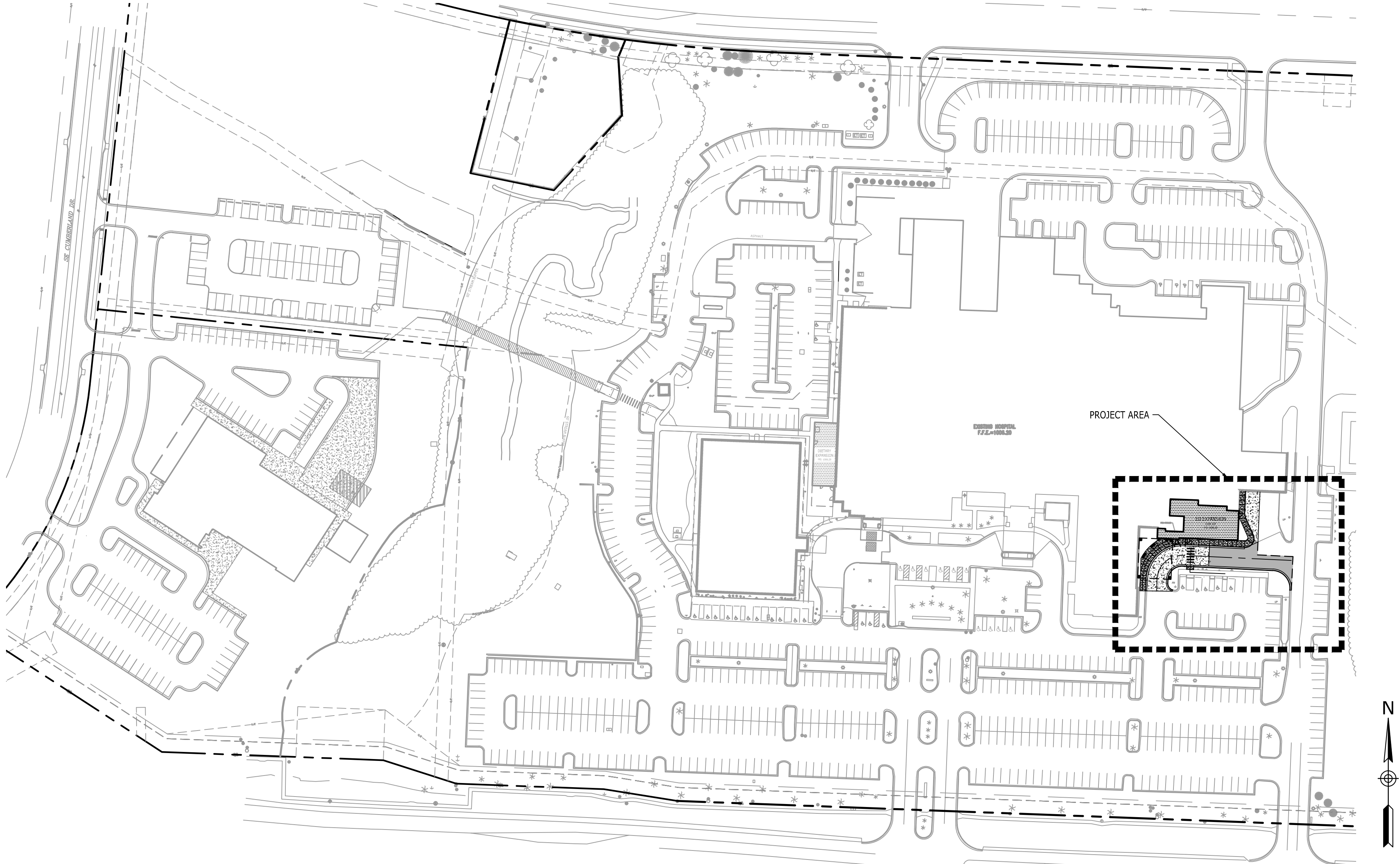
OWNER: MIDWEST DIVISION LSH LLC
ADDRESS: PO BOX 80610
INDIANAPOLIS, IN 46280

PROJECT REPRESENTATIVE: CATALYST DESIGN GROUP
ADDRESS: 1524 WILLIAMS DRIVE
MURFREESBORO, TN 37129
PHONE NO.: 615-622-7200
CONTACT NAME: JACK PARKER
CONTACT E-MAIL ADDRESS: jpark@catalyst-dg.com

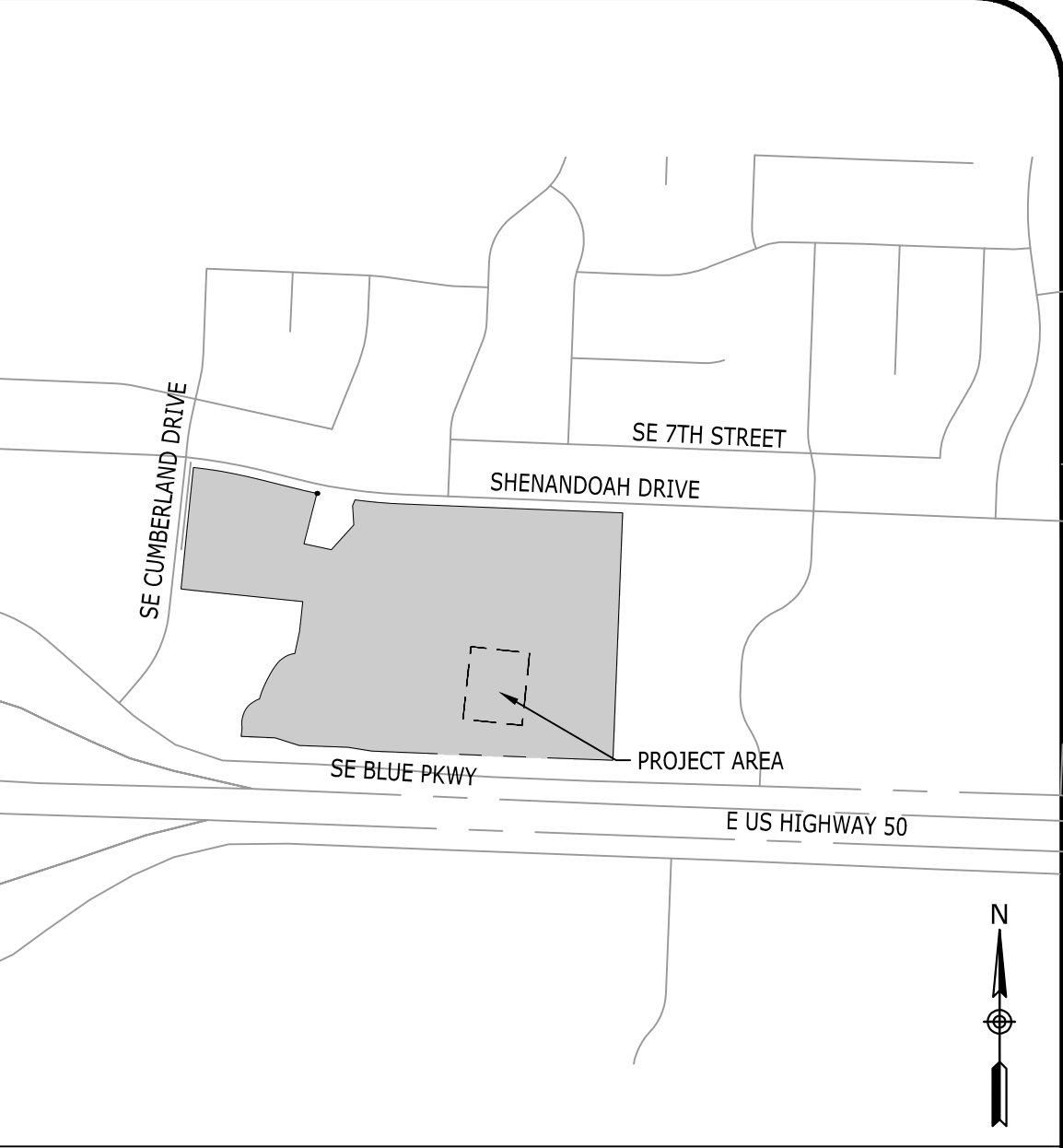
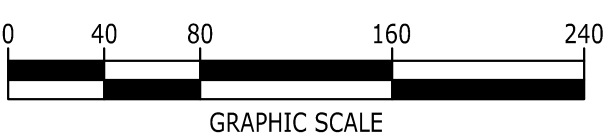
FEMA PANEL:
THE SUBJECT PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD ZONE ACCORDING TO COMMUNITY PANEL NO. 29095C0439G, 01/20/2017, COMMUNITY NAME: JACKSON COUNTY.

LEGAL DESCRIPTION:

A TRACT OF LAND IN THE NORTHWEST QUARTER OD SECTION 36, TOWNSHIP 48, RANGE 32 IN THE CITY OD LEE'S SUMMIT, JACKSON COUNTY, MISSOURI MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGINNING AT THE SOUTHEAST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 36; THENCE NORTH 86 DEGREES 19 MINUTES 41 SECONDS WEST, ALONG THE SOUTH LINE OF SAID NORTHWEST QUARTER OD SAID SECTION 36, 310.15 FEET TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF OLD MISSOURI HIGHWAY 50, SAID POINT BEING THE TRUE POINT OF BEGINNING; THENCE CONTINUING ALONG A PROLONGATION OF THE LAST DESCRIBED COURSE, 225.49 FEET TO A PONT ON THE EASTERLY RIGHT-OF-WAY LINE OF RELOCATED MISSOURI HIGHWAY 50; THENCE NORTHEASTERLY ALONG A CURVE TO THE LEFT, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, HAVING A RADIAL BEARING OF NORTH 74 DEGREES 59 MINUTES 09 SECONDS WEST AND A RADIUS OF 1104.93 FEET AN ARC DISTANCE OF 140.47 FEET, SAID POINT BEING 150.00 FEET EASTERLY FROM STA. 11+26.6 ON RAMP 8 ON SAID RELOCATED MISSOURI HIGHWAY 50, AS MEASURED PERPENDICULAR THERETO; THENCE NORTH 7 DEGREES 43 MINUTES 49 SECONDS EAST, PARALLEL WITH SAID RAMP 8 AND ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 180.60 FEET TO A POINT 150.00 FEET RIGHT OF STA 13+07.20 ON SAID RAMP 8, AS MEASURED PERPENDICULAR THERETO; THENCE NORTHEASTERLY ALONG A CURVE TO THE RIGHT, ALONG SAID EASTERLY RIGHT-OF-WAY LINE HAVING A RADIAL BEARING OF SOUTH 82 DEGREES 16 MINUTES 11 SECONDS EAST AND A RADIUS OF 613.94 FEET AN ARC DISTANCE OF 23.99 FEET TO A POINT 150.00 FEET RIGHT OF STA 13+37.05 ON SAID RAMP 8, AS MEASURED PERPENDICULAR THERETO; THENCE NORTH 77 DEGREES 07 MINUTES 26 SECONDS EAST, ALONG THE SOUTHERLY RIGHT-OF-WAY LINE OF INTERSTATE ROUTE 470, 61.96 FEET (60.9 FEET RECORD) TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF OLD MISSOURI HIGHWAY 50, SAID POINT BEING 90.00 FEET RIGHT OF STA 540+50.00 AS MEASURED PERPENDICULAR THERETO; THENCE SOUTH 16 DEGREES 28 MINUTES 19 SECONDS EAST ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 384.30 FEET TO THE TRUE POINT OF BEGINNING.



PRCOM20251638



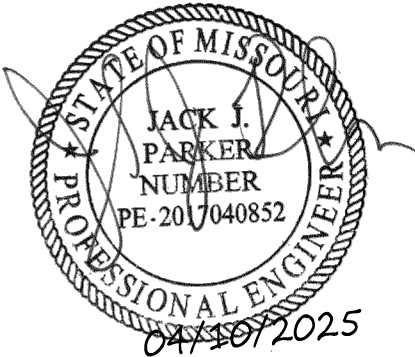
VICINITY MAP
NOT TO SCALE

Sheet List Table

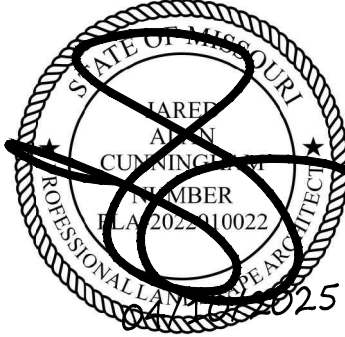
Sheet Number	Sheet Title
DP-C0.0	COVER SHEET
DP-C1.0	EXISTING CONDITIONS
DP-C2.0	GENERAL NOTES
DP-C3.0	DEMOLITION PLAN
DP-C4.0	LAYOUT PLAN
DP-C5.0	GRADING, DRAINAGE, & UTILITY PLAN
DP-C5.1	DRAINAGE AREA MAP
DP-C5.2	SITE ACCESSIBILITY PLAN
DP-C6.0	SITE DETAILS
DP-C6.1	SITE DETAILS
DP-L1.0	LANDSCAPE PLAN
DP-L2.0	TREE CONSERVATION PLAN
DP-L3.0	LANDSCAPE DETAILS
DP-AS001	ARCHITECTURAL SITE PLAN
DP-AE201	EXTERIOR BUILDING ELEVATIONS
DP-E00-00	GENERAL INFORMATION - ELECTRICAL
DP-E01-01	SITE PLAN - PHOTOMETRICS
DP-E01-02	SITE PLAN - ELECTRICAL
DP-E08-01	SCHEDULES - ELECTRICAL

ARCHITECT
DEVENNEY GROUP LTD., ARCHITECTS
6900 EAST CAMELBACK ROAD, SUITE 500
SCOTTSDALE, AZ 85251
(602) 943-8950

PREPARED FOR
LEE'S SUMMIT MEDICAL CENTER
2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063
(816) 282-5000



CIVIL ENGINEER/LANDSCAPE ARCHITECT
Catalyst
DESIGN GROUP
1524 WILLIAMS DRIVE SUITE 201
MURFREESBORO, TN 37129
(615) 622-7200



COVER SHEET

DP-C0.0

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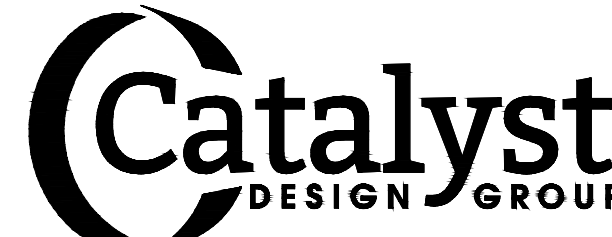
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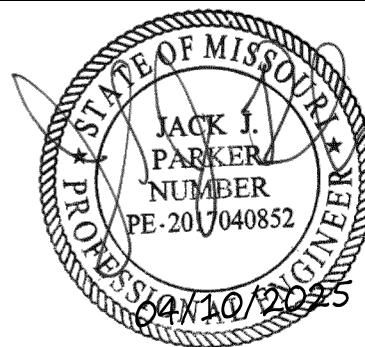


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Consultant:



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(615) 622-7200 | WWW.CATALYST-DG.COM



IF THESE PLANS DO NOT BEAR THE SEAL OF A REGISTRANT, THEY ARE TO BE CONSIDERED "PRELIMINARY" AND ARE NOT TO BE USED FOR CONSTRUCTION OR RECORDING. THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED (DECEMBER 1990) AND KNOWN AS "ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990." THE PROTECTION INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION, UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO DEVENNEY GROUP LTD.

ED EXPANSION

HCA - LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

FACILITY NUMBER:
0972400099

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE: 2025/04/10
SCALE: 1:10
DRAWN: AP
REVIEWED: JP
JOB NUMBER: 6406.24

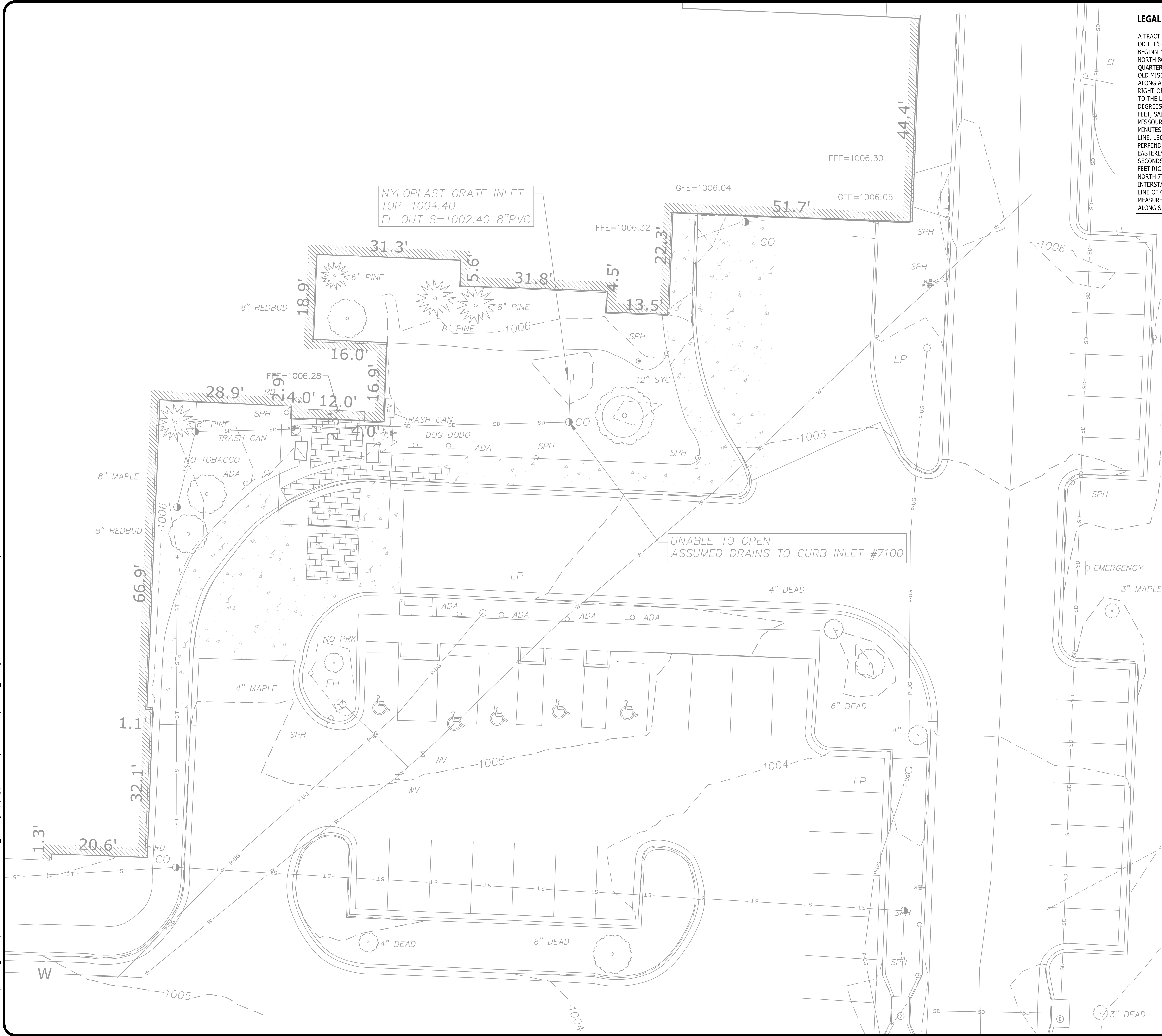
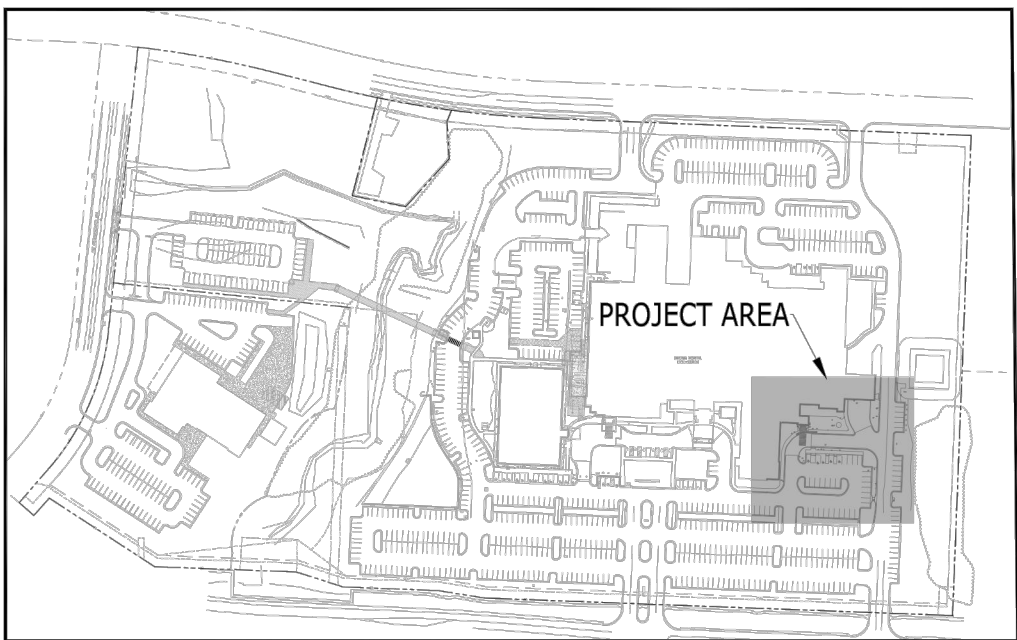
EXISTING CONDITIONS

DP-C1.0

LEGAL DESCRIPTION:

A TRACT OF LAND IN THE NORTHWEST QUARTER 00 SECTION 36, TOWNSHIP 48, RANGE 32 IN THE CITY 00 LEE'S SUMMIT, JACKSON COUNTY, MISSOURI MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHEAST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 36; THENCE NORTH 86 DEGREES 19 MINUTES 41 SECONDS WEST, ALONG THE SOUTH LINE OF SAID NORTHWEST QUARTER 00 SAID SECTION 36, 310.15 FEET TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF OLD MISSOURI HIGHWAY 50, SAID POINT BEING THE TRUE POINT OF BEGINNING; THENCE CONTINUING ALONG A PROLONGATION OF THE LAST DESCRIBED COURSE, 225.49 FEET TO A POINT ON THE EASTERLY RIGHT-OF-WAY LINE OF RELOCATED MISSOURI HIGHWAY 50; THENCE NORTHEASTERLY ALONG A CURVE TO THE LEFT, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, HAVING A RADIAL BEARING OF NORTH 74 DEGREES 59 MINUTES 09 SECONDS WEST AND A RADIUS OF 1104.93 FEET AN ARC DISTANCE OF 140.47 FEET, SAID POINT BEING 150.00 FEET EASTERLY FROM STA. 11+26.6 ON SAID RELOCATED MISSOURI HIGHWAY 50, AS MEASURED PERPENDICULAR THERETO; THENCE NORTH 7 DEGREES 43 MINUTES 49 SECONDS EAST, PARALLEL WITH SAID RAMP BAND ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 180.60 FEET TO A POINT 150.00 FEET RIGHT OF STA. 13+07.20 ON SAID RAMP 8, AS MEASURED PERPENDICULAR THERETO; THENCE NORTHEASTERLY ALONG A CURVE TO THE RIGHT, ALONG SAID EASTERLY RIGHT-OF-WAY LINE HAVING A RADIAL BEARING OF SOUTH 82 DEGREES 16 MINUTES 11 SECONDS EAST AND A RADIUS OF 613.94 FEET AN ARC DISTANCE OF 23.99 FEET TO A POINT 150.00 FEET RIGHT OF STA. 13+37.05 ON SAID RAMP 8, AS MEASURED PERPENDICULAR THERETO; THENCE NORTH 77 DEGREES 07 MINUTES 26 SECONDS EAST, ALONG THE SOUTHERLY RIGHT-OF-WAY LINE OF INTERSTATE ROUTE 470, 61.96 FEET (60.9 FEET RECORD) TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF OLD MISSOURI HIGHWAY 50, SAID POINT BEING 90.00 FEET RIGHT OF STA. 54+50.00 AS MEASURED PERPENDICULAR THERETO; THENCE SOUTH 16 DEGREES 28 MINUTES 19 SECONDS EAST ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 384.30 FEET TO THE TRUE POINT OF BEGINNING.

BASE INFORMATION WAS TAKEN FROM A SURVEY PREPARED BY LOVEACE & ASSOCIATES, LLC, DATED 05/01/2024, AND DESIGN DRAWINGS BY GEORGE BUTLER ASSOCIATES, INC., DATED 10/23/2006. CATALYST DESIGN GROUP AND ANY OF THEIR CONSULTANTS SHALL NOT BE HELD RESPONSIBLE FOR THE ACCURACY AND/OR COMPLETENESS OF THAT INFORMATION SHOWN HEREON OR ANY ERRORS OR OMISSIONS RESULTING FROM SUCH.

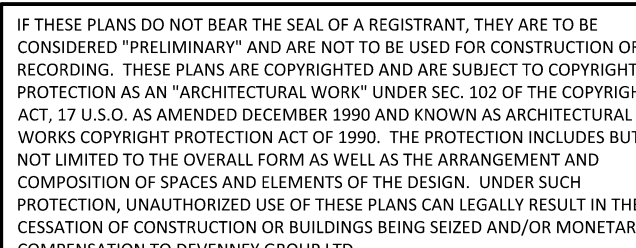
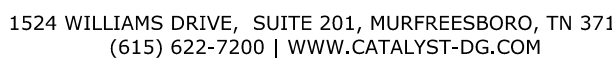


NYLOPLAST GRATE INLET
TOP=1004.40
FL OUT S=1002.40 8"PVC

UNABLE TO OPEN
ASSUMED DRAINS TO CURB INLET #7100

P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\ED EXPANSION\DWG\DP-C1.0 EXISTING CONDITIONS.dwg Apr 10, 2025 willisard

Consultant



HCA - LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PKWY
E'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

FACILITY NUMBER
0972400009

AGENCY APPROVALS:

10. *Journal of the American Medical Association*, 2000; 284: 1039-1044.

GENERAL NOTES

DP-C2.0

GENERAL NOTES

DP-C2.0

PROJECT NOTES

1. SUBJECT PROPERTY SHOWN ON TAX MAP 60, AS PARCEL 60-420-99-15-00-00-00-00 OF THE JACKSON COUNTY, MO, TAX MAPS.
2. SITE EXISTING CONDITIONS ARE TAKEN FROM SURVEY BY LOVELESS & ASSOCIATES, LLC DATED 05/07/2024. CATALYST DESIGN GROUP SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF OR OMISSIONS FROM THE EXISTING CONDITIONS OR ERRORS RESULTING THEREFROM.
3. CATALYST DESIGN GROUP RECOMMENDS THAT CONSTRUCTION STAKING BE PROVIDED BY A SURVEYOR LICENSED IN THE STATE OF THE PROJECT.
4. THE CONTRACTOR SHALL REVIEW THE SITE CONDITIONS PRIOR TO CONSTRUCTION AND MAKE THE ENGINEER AWARE OF ANY INCONSISTENCIES BETWEEN THE SITE CONDITIONS AND EXISTING CONDITIONS PLAN.
5. DIMENSIONS PROVIDED ON THE PLAN ARE TAKEN TO THE FACE OF CURBS, EDGE OF CONCRETE OR EDGE OF BUILDING, UNLESS OTHERWISE NOTED.
6. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS AND PERMITS PRIOR TO INITIATING CONSTRUCTION. THE CONTRACTOR SHALL ADHERE TO PERMIT REQUIREMENTS AS WORK PROCEEDS.
7. SITE CONTROL SHALL BE BASED OFF THE REFERENCE POINTS PROVIDED. SEE THE ARCHITECTURAL PLANS FOR LAYOUT CONTROL OF BUILDING ADDITIONS.
10. THE CONTRACTOR SHALL SUBMIT A REQUEST FOR UTILITY LOCATION (CALL 811) AND HAVE THE UTILITIES MARKED BEFORE BEGINNING CONSTRUCTION. CONTRACTOR SHALL BE FAMILIAR WITH THE UTILITY LOCATIONS, PROTECT UTILITIES AND REMAIN IN SERVICE, AND REPAIR ANY DAMAGE TO UTILITY SYSTEMS PER THE UTILITY PROVIDER REQUIREMENTS.
11. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO PUBLIC ROADWAYS, CURBS AND SIDEWALKS IN ACCORDANCE WITH THE LOCAL REQUIREMENTS AT CONTRACTOR'S EXPENSE.
12. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY WORK UNACCEPTABLE TO THE OWNER'S REPRESENTATIVE OR GOVERNING AGENCY AT CONTRACTOR'S EXPENSE.
13. IN EASEMENTS AND RIGHTS-OF-WAY, CONTRACTOR SHALL PROTECT AND RESTORE SAVED PROPERTY TO A CONDITION SIMILAR OR EQUAL TO THAT EXISTING AT THE COMMENCEMENT OF CONSTRUCTION EXCEPT AS NOTED.
14. ON SITE ASPHALT PAVEMENT MATERIALS SHALL BE PER LOCAL AUTHORITY SPECIFICATIONS, STATE SPECIFICATIONS, AND GEOTECHNICAL REPORT RECOMMENDATIONS.
15. THE CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE, AND FEDERAL SAFETY REGULATIONS AND PRECAUTIONS.
16. UNLESS OTHERWISE NOTED, SUBMIT SHOP DRAWINGS OF ALL FABRICATED MATERIALS FOR REVIEW. DESIGN DRAWING SHALL NOT BE REPRODUCED FOR USE AS SHOP DRAWINGS. THE ENGINEER'S REVIEW OF SHOP DRAWINGS, PRODUCT CUT SHEETS AND NOTED BY THE CONTRACTOR PRIOR TO CONVEYING WITH LOCAL-SITE SPECIFICATIONS. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY SPECIFIC DEVIATIONS AND OBTAIN ENGINEER'S WRITTEN APPROVAL OF THE DEVIATION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES AND/OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF MO, WHOSE SERVICES ARE ENGAGED AND PAID FOR BY THE CONTRACTOR.
18. ALL SPECIFICATIONS, DOCUMENTS, AND DETAILS REFERENCED SHALL BE THE LATEST REVISION AS APPLICABLE AT THE TIME OF PERMIT APPROVAL.
19. CONTRACTOR SHALL REPAIR ALL OFF-SITE CONSTRUCTION AREAS TO EQUAL AND/OR BETTER CONDITION THAN AT THE START OF CONSTRUCTION.

DEMOLITION NOTES

1. THE CONTRACTOR SHALL REQUEST UTILITY LOCATIONS (811) AND VERIFY LOCATIONS OF ALL OTHER PRIVATE UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES FROM DAMAGE AND REPAIR IF NECESSARY. ANY ABOVE GROUND UTILITIES SHALL BE AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL WORK AROUND EXISTING UTILITIES WITH CORRESPONDING PROVIDER.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION REQUIRED TO ACCOMPLISH THE PROPOSED WORK.
3. THE CONTRACTOR SHALL PROTECT PROPERTY BOUNDARY PINS AND SURVEY CONTROL POINTS FROM DAMAGE.
4. THE CONTRACTOR SHALL COMPLY WITH EROSION PREVENTION AND SEDIMENT CONTROL REQUIREMENTS AND INSTALL NECESSARY EPCS MEASURES AND CONSTRUCTION ENTRANCE EXIST PRIOR TO DISTURBING EXISTING VEGETATION. THE CONTRACTOR SHALL ALSO USE WATER SPRINKLING OR OTHER MEASURES TO CONTROL DUST AND OTHER AIRBORNE PARTICULATES.
5. TREE PROTECTION MEASURES SPECIFIED IN THESE PLANS SHALL BE INSTALLED PRIOR TO BEGINNING DEMOLITION OPERATIONS.
6. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FOR DEMOLITION AND TREE REMOVAL.
7. THE CONTRACTOR MAY BE REQUIRED TO PHASE THE DEMOLITION TO MAINTAIN EXISTING UTILITY SERVICES, PROPER DRAINAGE OR ACCESS TO THE SITE OR ADJOINING SITES. THE CONTRACTOR SHALL MINIMIZE THE DISRUPTION OF EXISTING UTILITIES AND TRAFFIC PATTERNS. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE AND PROVIDE A DEMOLITION PHASING SCHEDULE WHERE REQUESTED.
8. UTILITY AND STEWER SEWER LINES SHOULD NOT BE DEMOLISHED UNTIL NEW OR RELOCATED LINES HAVE BEEN INSTALLED AND ARE OPERATIONAL.
9. THE CONTRACTOR SHALL INCLUDE IN THEIR COST ANY ISOLATION VALVES OR TEMPORARY MEASURES REQUIRED TO ACCOMPLISH RELOCATIONS AND DEMOLITION OF UTILITIES.
10. PAVEMENTS, SIDEWALKS, CURBS AND OTHER HARD SURFACES SHALL BE EVENLY SAW CUT AT THE LIMITS OF REMOVAL TO PROVIDE A CLEAN EDGE. COORDINATE ALL CLOSURES AND REMOVAL WITH PROPOSED CONSTRUCTION INCLUDING GRADING, UTILITY INSTALLATION, PROPOSED ROAD, ETC.
11. EXISTING SITE FEATURES NOTED AS BEING ABANDONED MAY BE ABANDONED INPLACE IF THE ITEMS ARE LOCATED MORE THAN 24" BELOW FINAL SUBGRADE (S TO TOP OF PIPE OR OTHER FEATURE) AND NOT LOCATED WITHIN PROPOSED BUILT-UP OR MOTORWAY. END OF PIPES ABANDONED SHALL BE SEALED WITH CONCRETE.
12. ALL DEMOLISHED MATERIALS SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S COST UNLESS NOTED TO BE PROVIDED TO THE OWNER.
13. CAVITIES LEFT BY DEMOLITION SHALL BE PROPERLY BACKFILLED AND COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.
14. WHERE EXISTING IRRIGATION LINES ARE LOCATED WITHIN THE AREA OF CONSTRUCTION, THEY SHALL BE PROTECTED OR RE-ROUTED AND CONNECTED TO MAINTAIN OPERATION OF LANDSCAPE AREAS WHICH REMAIN DURING CONSTRUCTION. BURY OR TEMPORARY MEASURES WITH DESIGN OF NEW SYSTEM AND REMOVE TEMPORARY MEASURES WHEN NO LONGER NEEDED.
15. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE MEANS AND METHODS FOR ALL ON-SITE AND OFF-SITE DOWATERING REQUIREMENTS AND PERMIT THROUGH THE NECESSARY LOCAL AND STATE AGENCIES AS NEEDED.
16. IF AN EXISTING WELL IS ENCOUNTERED DURING CONSTRUCTION ACTIVITIES, CONTRACTOR TO INFORM ENGINEER AND

ADA ACCESSIBILITY NOTES

4. CURB RAMPS ALONG PUBLIC STREETS AND IN THE PUBLIC RIGHT-OF-WAY ARE TO BE CONSTRUCTED BASED ON LOCAL AUTHORITY'S STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS. WHERE THERE ARE NO LOCAL STANDARDS, THE CONTRACTOR SHALL CONSTRUCT CURB RAMPS ACCORDING TO THE CURRENT VERSION OF THE PUBLIC RIGHT-OF-WAY STANDARD SPECIFICATIONS (PROVIDE), GUIDELINES (PROVIDE), PUBLISHED BY THE UNITED STATES ACCESS BOARD.
5. PRIVATE CURB RAMPS ON THE SITE OUTSIDE OF THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS AND/OR FAIR HOUSING ACT (FHA), WHERE APPLICABLE.
6. BEFORE PLACING PAVEMENT OR SIDEWALKS, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA AND FHA) EXIST TO AND FROM ACCESSIBLE DOORS, ALONG SIDEWALKS, ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND ACCESSIBLE ROUTES. MAXIMUM GRADES WITHIN ACCESSIBLE PARKING AND ACCESS AISLES SHALL BE 1:12. MAXIMUM GRADES WITHIN ACCESSIBLE ROUTES SHALL BE 1:12. MAXIMUM GRADES FOR SIDEWALKS SHALL BE LONGITUDINALLY MAXIMUM 5%, FOR RAMPS SHALL BE LONGITUDINALLY MAXIMUM 8.33% (1:12), AND CROSS SLOPES SHALL BE MAXIMUM 2%. TURNING MOVEMENTS SHALL BE 5% X MAXIMUM 2% IN ANY DIRECTION.
7. CURB RAMPS SHALL HAVE A LANDING AT THE TOP MATCHING THE WIDTH OF THE RAMP AND A MINIMUM DEPTH OF 48". RAMPS SHALL HAVE A 5 X 5" LANDING AT THE TOP AND BOTTOM OF THE RAMP. ALL CURB/ACCESSIBLE RAMP DESIGNS SHALL CONFORM TO ACCESSIBILITY STANDARDS OR LOCAL BUILDING CODE STANDARDS, WHERE THERE IS MORE RESTRICTIVE STANDARD.
8. CONTRACTOR TO FIELD VERIFY SLOPE MEASUREMENTS ON FINISHED GRADE, SUBGRADE, AND FORM BOARDERS PRIOR TO CONSTRUCTION TO GUARANTEE COMPLIANCE WITH SLOPE REQUIREMENTS. IF SLOPE IS MORE RESTRICTIVE TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED, NO CHANGE ORDERS WILL BE ACCEPTED FOR ADA SLOPE COMPLIANCE ISSUES.
9. WHERE CONSTRUCTION IS TAKING PLACE WITHIN AN EXISTING DEVELOPMENT OR FACILITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN AN ACCESSIBLE PATH PER ADA STANDARD SPECIFICATIONS THROUGHOUT THE CONSTRUCTION PERIOD. NO ACCESSIBILITY VIOLATIONS WILL BE TOLERATED.

TREE PROTECTION NOTES

1. INSTALL TREE PROTECTION PRIOR TO DEMOLITION OR EARTH MOVING OPERATIONS ON SITE IN ACCORDANCE WITH THE DETAILS AND NOTES PROVIDED IN THESE PLANS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL STATE THE LIMITS OF CONSTRUCTION TO ENSURE THE TREE PROTECTION MEASURES ARE INSTALLED AT THE PROPER LOCATION.
3. THE TREE PROTECTION MEASURES SHALL CONSIST OF 48" TALL CHAIN LINK FENCING WITH STEEL TEE POSTS OR ORANGE CONSTRUCTION BARRICADE FENCE. PRIOR TO CONSTRUCTION OPERATIONS, TREE PROTECTION FENCE INSTALLATION SHALL BE INSPECTED BY THE OWNER'S REPRESENTATIVE AND GOVERNING AUTHORITY IF REQUIRED.
4. ANY GRADING OR EXCAVATION WITHIN THE PROTECTED ROOT ZONE SHALL BE ACCOMPLISHED BY HAND OR WITH SMALL EQUIPMENT TO MINIMIZE DAMAGE.
5. ROOTS EXPOSED DURING CONSTRUCTION OPERATIONS SHALL BE PRUNED FLUSH WITH THE GROUND AND COVERED WITH MULCH. MULCH SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION OPERATIONS. BACKFILL THE ROOTS SHALL BE TEMPORARILY COVERED WITH MULCH AND WATERED UNTIL BACKFILL OPERATIONS CAN BE ACCOMPLISHED.
6. DO NOT STORE EQUIPMENT OR MATERIALS WITHIN THE DRIP LINE OF TREES TO BE PRESERVED.
7. WHEN GRADING OR TRENCHING OPERATIONS ARE DIRECTED WITHIN THE DRIP LINE OF A TREE TO BE PRESERVED, THE ROOTS SHALL FIRST BE CUT USING A "DITCH WHIP" OR SIMILAR EQUIPMENT TO PROVIDE A CLEAN CUT OF THE ROOTS AT THE LIMIT OF DISTURBANCE, PRIOR TO USE OF OTHER GRADING MACHINERY. ONCE THE ROOTS HAVE BEEN CUT AT THE LIMIT OF DISTURBANCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENTERING THE AREA BETWEEN THE CUT LINE AND TREE TRUNK. TRENCHES SHALL BE BACKFILLED AND TAMPED TO MINIMIZE SETTLEMENT.
8. BARRICADES SHALL BE INSTALLED WITHIN THE LIMITS OF PROPOSED PAVEMENTS WHEN EXTENDING UNDER THE DRIP LINE OF TREES TO BE PRESERVED UNTIL OPERATIONS TO CONSTRUCT THE PAVED AREAS ARE INITIATED. THEN THE BARRICADES SHALL BE REMOVED AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NECESSARY FOR CONSTRUCTION OF THE PROPOSED WORK AND SHALL REMAIN IN PLACE UNTIL ALL WORK IS COMPLETE.
9. PROVIDE WATERING OF SPECIMEN TREES DURING CONSTRUCTION DURING PERIODS OF DROUGHT EXCEEDING SEVEN DAYS. EVENLY DISTRIBUTE WATER OVER THE ENTIRE ROOT ZONE.
10. ROOT ZONE AREAS OF TREES THAT HAVE BEEN COMPACTED DUE TO CONSTRUCTION ACTIVITIES SHALL BE AERATED AT THE DIRECTION OF A QUALIFIED ARBORIST.
11. HASE DOWN FOLIAGE OF SPECIMEN TREES SUBJECT TO HEAVY ACCUMULATION OF DUST FROM CONSTRUCTION ACTIVITIES.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE GRASS TO LESS THAN 12" IN HEIGHT WITHIN THE ARE OF TREE PROTECTION DURING THE CONSTRUCTION PERIOD. DO NOT USE HERBICIDES TO CONTROL VEGETATION WITHIN THE TREE PROTECTION AREA.
13. REMOVAL OF TREE PROTECTION FENCING SHALL NOT OCCUR UNTIL APPROVED BY THE GOVERNING AUTHORITY WHERE REQUIRED BY THE OWNER'S REPRESENTATIVE. ALL REMAINTS OF THE FENCING SHALL BE REMOVED AND RESTORATION OF THE AREAS SHALL BE COMPLETED.

EROSION CONTROL NOTES

1. EROSION PREVENTION AND SEDIMENT CONTROL (EPMSC) MEASURES SHALL BE INSTALLED PER LOCAL AND STATE REQUIREMENTS PRIOR TO ANY EARTH MOVING ACTIVITIES.
2. PROVIDE CONSTRUCTION ENTRANCE/EXIT AS DETAILED ON THE PLANS AND PER LOCAL REQUIREMENTS. MAINTAIN ENTRANCE/EXIT THROUGHOUT CONSTRUCTION AND MAINTAIN THE PUBLIC ROADWAY FREE OF TRACKED MUD AND DIRT.
3. EPMSC MEASURES SHALL BE INSTALLED AND INSPECTED BY LOCAL OFFICIALS (IF REQUIRED) PRIOR TO BEGINNING EARTH MOVING OPERATIONS. EPMSC MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS.
4. LOCATION OF DIVERSION DITCHES, SILT FENCE, AND OTHER MEASURES (AS SIGHTED) ADJUSTED IN THE FIELD TO AVOID TREES AND OTHER EXISTING FEATURES.
5. THE CONTRACTOR IS RESPONSIBLE FOR ADHERING TO THE REQUIREMENTS OUTLINED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) DEVELOPED FOR THE SITE, AS WELL AS LOCAL AND STATE REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING EROSION PREVENTION AND CONTINUAL MAINTENANCE OF THE EPMSC MEASURES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, THEN ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE EROSION AREA.
6. AS THE WORK PROGRESSES THE LOCATION AND TYPE OF MEASURES MAY REQUIRE ADJUSTMENTS. TEMPORARY MEASURES MAY BE REQUIRED IN CERTAIN AREAS THAT CAN BE REMOVED DURING THE WORK DAY AND RE-ESTABLISHED WHEN WORK CEASES FOR THE DAY OR PRIOR TO A DAYTIME RAIN EVENT.
7. SEDIMENT SHALL BE REMOVED FROM EROSION PREVENTION AND SEDIMENT CONTROL MEASURES WHEN THE DESIGN CAPACITIES HAVE BEEN REDUCED BY 50% OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE OR GOVERNING AGENCY.
8. THE CONTRACTOR SHALL PROVIDE A RAIN GAUGE AT THE SITE AND DOCUMENT RAINFALL EVENTS DURING THE CONSTRUCTION PERIOD.
9. THE CONTRACTOR SHALL MAINTAIN THE FOLLOWING RECORDS AT THE SITE: DATE WHEN MAJOR GRADING ACTIVITIES OCCUR, THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON PORTIONS OF THE SITE, AND THE STATUS OF EPMSC MEASURES MAINTAINED THROUGHOUT INSPECTION RECORDS, AND RAINFALL EVENTS.
10. EXISTING SITE VEGETATION SHALL REMAIN IN PLACE AS LONG AS POSSIBLE AND SHALL NOT BE REMOVED MORE THAN 1 DAYS PRIOR TO THE DATE AT WHICH EARTH MOVING OPERATIONS ARE TO BEGIN UNLESS TEMPORARY COVER IS INSTALLED. DO NOT REMOVE VEGETATION OR TREES UNLESS NECESSARY FOR GRADING OR OTHER PROJECT PURPOSES.
11. THE CONSTRUCTION SHALL BE SEQUENCED TO MINIMIZE THE LENGTH OF TIME THE SITE SOILS ARE EXPOSED TO EROSION.
12. EPMSC MEASURES SHALL BE REMOVED ONCE PERMANENT VEGETATION IS ESTABLISHED AND WHEN DEMED NO LONGER NEEDED BY THE OWNER'S REPRESENTATIVE OR GOVERNING AGENCY.

AS-BUILT REQUIREMENTS

1. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A LICENSED SURVEYOR IN THE STATE OF MO TO PROVIDE AS-BUILT SURVEY DATA FOR PUBLIC UTILITIES AND PUBLIC/PRIVATE STORMWATER MANAGEMENT INFRASTRUCTURE.
2. AS-BUILT SURVEYS SHOULD AT A MINIMUM PROVIDE THE FOLLOWING ITEMS:
 - 2.1. SPOT ELEVATIONS OF THE EXCAVATED BIOTRETENMENT AND/OR PERMEABLE PAVESUBGRADE PRIOR TO BACKFILL WITH THE SPECIALTY SOIL AND GRAVEL LAYERS.
 - 2.2. SPOT ELEVATIONS OF SUBGRADE FOR UNDERGROUND DETENTION SYSTEMS.
 - 2.3. SPOT ELEVATIONS AND CONTOUR ELEVATIONS NOT TO EXCEED ± 1 MAX. INTERVAL FOR ALL PERMANENT STORMWATER QUALITY AREAS, DETENTION PONDS, AND ASSOCIATED EMBANKMENTS TO ENSURE PROPER SIZING OF THESE FEATURES.
 - 2.4. SIZE, MATERIAL, ELEVATION INFORMATION FOR ALL STORMWATER PIPES AND STRUCTURES WITHIN THE PUBLIC RIGHT OF WAY.
 - 2.5. SIZE, MATERIAL, ELEVATION INFORMATION FOR ALL PRIVATE STORMWATER QUALITY FEATURES, DETENTION STRUCTURES AND INFRASTRUCTURE DOWNSTREAM OF THESE FEATURES.
 - 2.6. DETAILED INFORMATION FOR ALL OUTLET CONTROL STRUCTURES, WITHIN DETENTION PONDS, WATER QUALITY FEATURES, OR UNDERGROUND DETENTION SYSTEMS, INCLUDING ELEVATION AND SIZE INFORMATION FOR ORIFICES, PRESSURE RISERS, WEIRS, TOP OF CAPTIVE AIR VENTS ASSOCIATED WITH THE STRUCTURE.
 - 2.7. ALL OTHER AS-BUILT INFORMATION REQUIRED BY THE JURISDICTIONAL AUTHORITY OR NOTED ELSEWHERE IN THE PLANS.

3. THE CONTRACTOR SHALL REVIEW LOCAL AUTHORITY'S AS-BUILT REQUIREMENTS AND/OR CONTACT ENGINEER TO CONFIRM AS-BUILT INFORMATION. PHOTOGRAPHIC EVIDENCE OF PROPER INSTALLATION OF STORMWATER MANAGEMENT AND WATER QUALITY INFRASTRUCTURE AND/OR VIDEO INSPECTIONS OF STORMWATER PIPES MAY BE REQUIRED. THE CONTRACTOR SHALL CAPTURE AND RETAIN PHOTOGRAPHIC DOCUMENTATION OF KEY INSTALLATION MILESTONES AS NEEDED. FAILURE TO PROVIDE NECESSARY PHOTOGRAPHIC DOCUMENTATION PRIOR TO BACKFILLING MAY CAUSE DELAYS AND MAY REQUIRE SITE INVESTIGATION THAT COULD INCLUDE RE-EXCAVATION OF COMPLETED INFRASTRUCTURE AT THE CONTRACTOR'S EXPENSE.

4. CONTRACTOR TO RETAIN AND PROVIDE RECEIPTS FOR ANY FABRICATED STORMWATER MANAGEMENT INFRASTRUCTURE SUCH AS PROPRIETARY WATER QUALITY UNITS, UNDERGROUND DETENTION STRUCTURES, PERMEABLE PAVERS, OR SPECIALTY SOIL MEDIA (WITH APPLICABLE TESTING IF REQUIRED).

3. ELEMENTS OF HEALTH (WITH NO FURTHER TESTING IF REQUIRED):

SITE GRADING NOTES

2. THE DISTURBED AREA FOR THIS PROJECT IS ESTIMATED TO BE ±0.29 ACRES.
3. THE SUBJECT PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD ZONE ACCORDING TO COMMUNITY PANEL NO. 2909504396 OF THE FLOOD INSURANCE MAPS FOR JACKSON COUNTY, MO, DATED 01/20/2017.
3. FOLLOW THE DIRECTIVES OF THE EROSION CONTROL AND TREE PROTECTION NOTICES INCLUDED IN THESE DOCUMENTS.
4. THE GEOTECHNICAL REPORT, PREPARED BY OTHERS, IS INCORPORATED BY REFERENCE AND MADE A PART OF THE CONTRACT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO RECOMMEND TO THE GEOTECHNICAL REPORTER FOR REVIEW, IN THE EVENT OF CONFLICTS BETWEEN THE CONSTRUCTION DRAWINGS AND THE GEOTECHNICAL REPORT, MAKE NO ASSUMPTIONS. THE ENGINEER SHALL BE IMMEDIATELY BE NOTIFIED FOR CLARIFICATION.
5. THE CONTRACTOR SHALL REQUEST UTILITY LOCATIONS (811) AND VERIFY LOCATIONS OF ALL OTHER PRIVATE UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES FROM DAMAGE AND REPAIR IF DAMAGED PER PROVIDER REQUIREMENTS AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL WORK AROUND EXISTING UTILITIES WITH CORRESPONDING PROVIDER.
6. THE CONTRACTOR SHALL CONFIRM EXISTING GRADES AND DIMENSIONS IN THE FIELD PRIOR TO CONSTRUCTION AND CONTACT THE ENGINEER WITH ANY DISCREPANCIES.
7. THE CONTRACTOR SHALL OBTAIN ALL APPROVALS AND PERMITS PRIOR TO INITIATING GRADING OPERATIONS.
8. POSITIVE DRAINAGE SHALL BE ESTABLISHED INITIALLY AND MAINTAINED THROUGHOUT CONSTRUCTION.
9. PROPOSED ELEVATIONS SHOWN ON THE PLANS ARE THE FINISH GRADE ELEVATIONS, CONTRACTOR SHALL REQUEST ADDITIONAL INFORMATION FROM THE ENGINEER WHERE INTENT IN THE PROPOSED GRADE IS UNCLEAR.
10. SURFACE SOIL FROM PROPOSED GRADING AREAS AND STOCKPILE FOR REUSE. PROVIDE TEMPORARY SEEDING FOR STOCKPILE AREAS DURING CONSTRUCTION. REDISTRIBUTE TOPSOIL TO A MINIMUM DEPTH OF 1" IN LAWN AREAS AND 1/2" IN LANDSCAPE BEDS. PROVIDE ADDITIONAL TOPSOIL WHEN ONSITE QUANTITIES ARE INSUFFICIENT.
11. CONTRACTOR WILL ACQUIRE THE SERVICES OF A QUALIFIED SOILS TESTING LABORATORY/ ENGINEER TO OBSERVE WORK AND MAKE TESTS AS REQUIRED.
12. CONTRACTOR SHOULD COMPLETE GRADING ACTIVITIES WITHIN 10 CALENDAR DAYS OF ACHIEVING OPTIMUM SUBGRADE COMPLETION.
13. FILL AREAS SHALL BE PROOF ROLLED WITH RUBBER-TIRED EQUIPMENT WITH A MINIMUM WEIGHT OF FIFTEEN TONS PRIOR TO INITIATING FILL OPERATIONS OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL EXCAVATE SOFT SPOTS/ UNSATISFACTORY SOILS, AND AREAS OF EXCESSIVE PUMPING OR RUTTING, AS DETERMINED BY GEOTECHNICAL ENGINEER, AND REPLACE WITH COMPACTED BACKFILL OR FILL AS DIRECTED. COMPACTION OF BACKFILL MATERIALS SHALL BE TO 98% MAXIMUM DRY DENSITY PER ASTM D1557 (STANDARD TEST METHOD FOR MOISTURE-DENSITY RELATIONS OF SOILS AND SOIL-AGGREGATE MIXTURES USING A 10.18 IN. (254 MM) CYLINDER) STANDARD PROCTOR, UNLESS OTHERWISE RECOMMENDED BY THE GEOTECHNICAL REPRESENTATIVE.
14. THE CONTRACTOR SHALL, AT THEIR COST, PROVIDE OFFSITE MATERIALS MEETING THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER'S REPORT WHERE ONSITE SOIL QUANTITIES ARE NOT SUFFICIENT. ALL FILL MATERIAL SHALL BE APPROVED BY THE GEOTECHNICAL REPRESENTATIVE PRIOR TO BEING HAULED TO THE SITE. MATERIAL SHALL BE PLACED AND COMPACTED IN LIFT DEPTHS AS NOTED IN THE SPECIFICATIONS AND INSPECTED BY THE GEOTECHNICAL REPRESENTATIVE. SUBGRADES SHALL BE OBTAINED AS NOTED IN THE SPECIFICATIONS AND RE-REPAIRED BY THE GEOTECHNICAL REPRESENTATIVE'S DIRECTIONS. UNSUITABLE MATERIALS SHALL BE REMOVED AND REPLACED AS DIRECTED.
15. CUT AREAS SHALL BE PROOF-ROLLED AFTER FINAL SUBGRADE IS ACHIEVED IN THE SAME MANNER AS FILLED AREAS. THE CONTRACTOR SHALL EXCAVATE SOFT SPOTS, UNSATISFACTORY SOILS, AND AREAS OF EXCESSIVE PUMPING OR RUTTING, AS DETERMINED BY GEOTECHNICAL ENGINEER, AND REPLACE WITH COMPACTED BACKFILL OR FILL AS DIRECTED. COMPACTION OF BACKFILL MATERIALS SHALL BE TO 98% MAXIMUM DRY DENSITY AS PER ASTM D698 (STANDARD PROCTOR), UNLESS OTHERWISE RECOMMENDED BY THE GEOTECHNICAL REPORT.
16. APPLICABLE SPECIFICATIONS FOR COMPACTED FILL: THE FOLLOWING CURRENT AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) STANDARDS ARE HEREBY MADE PART OF THIS SPECIFICATION:
 - 16.1. C136/136M STANDARD TEST METHOD FOR SIEVE ANALYSIS OF FINE AND COARSE AGGREGATES
 - 16.2. D121-16-02 DRY PREPARATION OF SOIL SAMPLES FOR GRAIN-SIZE ANALYSIS AND DETERMINATION OF SOIL CONSTANTS
 - 16.3. D4242-63 STANDARD METHOD OF PARTICLE SIZE ANALYSIS OF SOILS.
 - 16.4. D1150-04 METHOD OF TEST FOR AMOUNT OF MATERIAL IN SILTS FINER THAN NO. 200 SIEVE.
 - 16.5. D698-96 METHOD FOR LABORATORY COMPACTATION CHARACTERISTICS OF SOIL USING STANDARD EFFORT
 - 16.6. D1557-78 STANDARD TEST METHODS FOR MOISTURE-DENSITY RELATIONS OF SOILS AND SOIL-AGGREGATE MIXTURES USING A 10.18 IN. (254 MM) CYLINDER AND 18-INCH (457 MM) HAMMER
 - 16.7. D2487 STANDARD PRACTICE FOR CLASSIFICATION OF SOILS FOR ENGINEERING PURPOSES
 - 16.8. D4318 STANDARD TEST METHODS FOR LIQUID LIMIT, PLASTIC LIMIT, AND PLASTICITY INDEX OF SOILS
 - 16.9. D6938 STANDARD TEST METHODS FOR IN-PLACE DENSITY AND WATER CONTENT OF SOIL AND SOIL-AGGREGATE BY NUCLEAR METHODS

CONTRACTOR SHALL REVIEW THE SITE SPECIFIC GEOTECHNICAL REPORT PRIOR TO COMMENCING WITH GRADING OPERATIONS. WHERE CONFLICTS BETWEEN THE GRADING NOTES AND GEOTECHNICAL REPORT EXISTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CLARIFICATION.

17. THE CONTRACTOR SHALL REVIEW THE PROPOSED GRADING PLAN AND SLOPE ELEVATIONS AND REQUEST INFORMATION FROM THE ENGINEER FOR SPOTS OR CONTOURS THAT DO NOT APPEAR TO CORRESPOND WITH OTHER SURROUNDING GRADING. PROPOSED GRADES REFLECT AN INTENT FOR THE SLOPES AND DIRECTION OF DRAINAGE. THE CONTRACTOR SHALL PREPARE DIRECTION FOR DRAINAGE. THE INTENT OF THE INTENT IS NOT CLEAR.
18. THE CONTRACTOR SHALL CONFIRM EXISTING GRADES GENERALLY REFLECT THE SURVEY DATA USED IN PREPARING THESE PLANS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING SITE WORK.
19. WHERE BUILDINGS (EXISTING OR PROPOSED) OR OTHER SITE ELEMENTS CLOSELY ABUT THE RIGHT-OF-WAY OR ACCESSIBLE PATH, THE CONTRACTOR SHALL CONFIRM STREET, CURB, AND SIDEWALK GRADES IN THESE AREAS ARE CONSISTENT WITH THE EXISTING ELEVATIONS & HORIZONTAL LOCATIONS WITHIN THE PLANS. NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
20. WHERE PROPOSED NEW CURBS AND SIDEWALKS ARE ALONG EXISTING RIGHT-OF-WAY, THE CONTRACTOR SHALL CONFIRM CENTERLINE AND EDGE OF PAVEMENT ELEVATIONS, AND PLACE NEW CURB SUCH THAT PROPER CROSS SLOPES ARE ACHIEVED FOR DRAINING AWAY FROM THE CURB AND SIDEWALKS. NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN THE PROPOSED DESIGN ELEVATIONS AND FIELD CONDITIONS.
21. MAXIMUM CUT AND FILL SLOPES SHALL BE 3:1 HORIZONTAL TO 1 VERTICAL UNLESS DIRECTLY NOTED OTHERWISE ON THE PLAN. FILL SLOPES SHALL BE CONSTRUCTED BY FILLING BEHIND THE DESIRED GRADES TO OBTAIN COMPACTED AND THEN CUT BACK TO THE DESIRED GRADE. WHERE THE EXISTING GRADE IS INSUFFICIENT TO PROVIDE SUCH STABILIZATION UTILIZING NORTH AMERICAN GREEN, SC-250 OR APPROVED EQUIV. IN AREAS THAT ARE NOTED TO REQUIRE STABILIZATION WHERE SLOPES ARE LESS THAN 3:1 CONTRACTOR TO USE NORTH AMERICAN GREEN SC-150 OR APPROVED EQUIV.
22. MINIMUM GRADES SHALL BE 1% IN PAVEMENT AREAS, AND A MINIMUM OF 2% IN LAWN AREAS UNLESS DIRECTLY SPECIFIED IN THE PLANS.
23. THE CONTRACTOR SHALL TAKE CARE TO PROPERLY COMPACT FILL WITHIN UTILITY TRENCHES AND AROUND OTHER PROJECT FEATURES TO AVOID SETTLEMENT. SETTLEMENT OCCURRING WITHIN 12 MONTHS OF COMPLETION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
24. UNLESS SPECIFICALLY NOTED OTHERWISE WITHIN THE PLANS, ALL PROPOSED GRADES SHALL TIE INTO EXISTING GRADES AT THE PROPOSED PROJECT BOUNDARY. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF IT APPEARS THERE IS CONFLICTING FIELD CONDITIONS THAT WOULD NOT ALLOW GRADING AS DESIGNED.
25. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS AFTER FINAL GRADING IS ACHIEVED.

LEE'S SUMMIT FINAL DEVELOPMENT PLAN NOTES

1. THERE ARE NO EXISTING OR PROPOSED OIL OR GAS WELLS WITHIN THE SUBJECT PROPERTY, PER SITE SURVEYS & ORIGINAL HOSPITAL PLANS (BY GEORGE BUTLER ASSOCIATES, INC. DATED 10/23/2006).
2. ALL CONSTRUCTION SHALL FOLLOW THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813. WHERE DISCREPANCIES EXIST BETWEEN THESE PLANS AND THE DESIGN AND CONSTRUCTION MANUAL, THE DESIGN AND CONSTRUCTION MANUAL SHALL PREVAIL.
3. THE CONTRACTOR SHALL CONTACT THE CITY'S DEVELOPMENT SERVICES ENGINEERING INSPECTION TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH A FIELD ENGINEERING INSPECTOR PRIOR TO ANY LAND DISTURBANCE WORK AT (816) 969-1200.

STORM SEWER NOTES

1. ALL STORMWATER PIPES, STRUCTURES, AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL AND STATE STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL FOLLOW CONSTRUCTION PLANS AND MANUFACTURER DETAILS, SPECIFICATIONS, AND INSTALLATION INSTRUCTIONS AS PROVIDED. THE PUMPING STATION SHALL BE PROVIDED BY THE MANUFACTURER FOR THE INSTALLATION OF PIPES, STRUCTURES, WATER QUALITY UNITS AND FABRICATED DETENTION SYSTEMS.
2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL STORM SEWER PIPE, STRUCTURES, WATER QUALITY STRUCTURES, AND FABRICATED DETENTION STRUCTURES FOR ENGINEER AND OWNER APPROVAL PRIOR TO ORDERING MATERIALS.
3. PIPE SPECIFICATIONS:
 - 3.1. REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS III, WALL TYPE 'B' CONFORMING TO ASTM C76 UNLESS OTHERWISE NOTED WITH BELL-AND-SPIGOT AND GASKETED JOINTS WITH ASTM C443 RUBBER GASKETS OR MASTIC SEAL CONFORMING TO ASTM C990. RCP SHALL BE INSTALLED PER THE RECOMMENDATIONS OF ASTM C1479.
 - 3.1.1. CLASS IV RCP PIPE IS REQUIRED FOR PIPE HEIGHTS OVER 13' OR WHERE NOTED BY THE ENGINEER.
 - 3.2. HIGH DENSITY POLYETHYLENE (HDPE) PIPE SHALL BE DUAL-WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. HDPE PIPE SHALL CONFORM TO ASTM D3530 WITH RUBBER GASKET SOIL TIGHT JOINTS CONFORMING TO ASTM F477. THERMOPLASTIC PIPING SHALL BE INSTALLED PER THE RECOMMENDATIONS OF ASTM C2231.
 - 3.3. HIGH-PERFORMANCE POLYPROPYLENE (HP) PIPE SHALL BE DUAL-WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR, CONFORMING TO ASTM F2881 AND AASHTO M330 WITH GASKETED SOIL TIGHT JOINTS CONFORMING TO ASTM F477. THERMOPLASTIC PIPING SHALL BE INSTALLED PER THE RECOMMENDATIONS OF ASTM C2231.
 4. ALL PIPES SHALL BE INSTALLED, AT A MINIMUM, WITH SOIL TIGHT JOINTS AND BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND AASHTO SECTION 20.
 5. PIPE BEDDING, BACKFILL, AND COMPACTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH LOCAL AND STATE DEPARTMENT OF TRANSPORTATION DETAILS AND SPECIFICATIONS.
 6. PIPES UNDER EXISTING PAVEMENT AREAS SHALL BE COMPLETELY BACKFILLED WITH CRUSHED STONE OR PER LOCAL AUTHORITY STANDARD REQUIREMENTS. PAVEMENT SECTIONS SHALL MEET OR EXCEED EXISTING CONDITIONS WITH A GRASSY TRANSITION.
 7. STORM STRUCTURE SPECIFICATIONS:
 - 7.1. STORM INLETS AND MANHOLES SHALL BE PRECAST IN COMPLIANCE WITH THE LOCAL/STATE JURISDICTIONAL AUTHORITY'S STANDARD DETAILS AND SPECIFICATIONS, AND MEET/OR EXCEED SPECIFICATIONS OF ASTM C478/C913. STRUCTURES SHALL BE TRAFFIC RATED PER H-20 LOADING REQUIREMENTS.
 - 7.2. REFER TO STRUCTURE TABLE FOR CASTING FRAME AND GRATE TYPES. FRAMES AND GRATES TO BE PROVIDED IN ACCORDANCE WITH THE LOCAL/STATE JURISDICTIONAL AUTHORITY'S STANDARD DETAILS AND SPECIFICATIONS AND INSTALLED PER MANUFACTURER RECOMMENDATIONS.
 - 7.3. PIPE CONNECTIONS TO STRUCTURES:
 - 7.3.1. FLEXIBLE, WATER-TIGHT GASKETS SHALL COMPLY WITH ASTM C923
 - 7.3.2. NON-SHRINK GROUT PER ASTM C1107
 - 7.4. FRAMES AND GRATES:
 - 7.4.1. MATERIAL: GRAY IRON CLASS 35 PER ASTM A48 UNLESS OTHERWISE INDICATED.
 - 7.4.2. REFER TO PIPE AND STRUCTURE TABLE FOR CASTING TYPES. INSTALL REDUCERS AS NECESSARY PER MANUFACTURER'S SPECIFICATIONS TO ACCOMMODATE LARGER PIPE DIAMETERS OR CASTING SIZES.
 - 7.4.3. TOP OF GRADE ELEVATIONS FOR DRAINAGE STRUCTURES SHALL BE PROVIDED PER THE DETAILS AND STRUCTURE TABLE.
 8. CONTRACTOR SHALL PLACE STRUCTURES BASED ON THE ACTUAL DIMENSIONS OF ORDERED STRUCTURE/GRATE TO ALIGN WITH PROPOSED OR EXISTING CURB LINE. STRUCTURES SHOULD NOT BE INSTALLED BASED SOLELY ON STRUCTURE CENTERLINES.
 9. COORDINATE THE LOCATION OF SITE DRAINAGE SYSTEMS WITH THE BUILDING ARCHITECTURE AND PLUMBING PLANS FOR COLLECTION OF ROOF DRAINS AND DOWNSPOUTS. NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
 10. ADJUST THE CASTINGS OF ALL EXISTING AND NEW STRUCTURES TO MATCH PROPOSED FINISH GRADE ENSURING POSITIVE DRAINAGE IS STILL MAINTAINED. SLOPE THE TOPS OF CASTINGS TO MATCH SLOPES OF PROPOSED PAVEMENTS AND SIDEWALKS.

SITE UTILITY NOTES

1. THE CONTRACTOR SHALL REQUEST UTILITY LOCATIONS (811) AND VERIFY LOCATIONS OF ALL OTHER PRIVATE UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES FROM DAMAGE AND REPAIR IF DAMAGED PER PROVIDER REQUIREMENTS AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL WORK AROUND EXISTING UTILITIES WITH CORRESPONDING PROVIDER.
2. THE CONTRACTOR SHALL COORDINATE WITH THE OWNERS OF EACH UTILITY AND VERIFY THE SCOPE OF INSTALLATIONS OR RELOCATIONS THAT WILL BE REQUIRED AND IMPACT EACH COULD HAVE ON THE SCHEDULE OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEQUENCING OF INSTALLATION OF THE UTILITIES TO AVOID CONFLICTING HORIZONTAL AND VERTICAL LOCATIONS.
3. ALL PUBLIC WATER AND SEWER MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE TO THE GOVERNING AUTHORITY'S REQUIREMENTS AND SPECIFICATIONS. IF THE GOVERNING AUTHORITY DOES NOT HAVE MATERIAL RECOMMENDATIONS FOR PRIVATE UTILITIES, THEN THE CONTRACTOR SHALL PROVIDE PRIVATE MATERIALS IN ACCORDANCE WITH AWWA STANDARDS. OTHERWISE, THE FOLLOWING MINIMUM STANDARDS SHALL BE MET:
 - 3.1. PRIVATE GRAVITY SANITARY SEWER APPLICATIONS:
 - 3.1.1. POLYVINYL CHLORIDE PIPE (PVC) 4" AND GREATER SHALL BE SDR 35, PER ASTM D3034 OR ASTM F479
 - 3.1.1.1. JOINTS: ELASTOMERIC GASKETED, BELL AND SPIGOT, PUSH-ON TYPE PROVIDING A TIGHT SEAL PER ASTM D3212.
 - 3.1.2. DUCTILE IRON PIPE (DIP) SHALL BE PRESSURE CLASS 350 COMPLYING WITH LATEST VERSION OF AWWA C150/C151
 - 3.1.2.1. JOINTS: MECHANICAL, PUSH-ON JOINTS, OR FLANGED JOINTS CONFORMING TO AWWA STANDARD C110/C111/C115/C13.
 - 3.1.2.2. LINER AND COATINGS: INTERIOR LINER 40 MIL DRY FILM, PEMA SHEILD 431 PL OR APPROVED EQUAL AND ASPHALTIC EXTERIOR COATINGS CONFORMING TO ANSI AWWA C151 FOR ALL PIPES, JOINTS, AND FITTINGS.
 - 3.2. PRIVATE POTABLE WATER APPLICATIONS:
 - 3.2.1. POLYVINYL CHLORIDE PIPE (PVC) LESS THAN 4" SHALL BE SCHEDULE 40 PVC PIPE PER ASTM D1785
 - 3.2.1.1. JOINTS AND FITTINGS: SOLVENT CEMENTED JOINTS PER ASTM D2672, PVC FITTINGS PER ASTM D2466
 - 3.2.2. POLYVINYL CHLORIDE PIPE (PVC) 4" AND GREATER SHALL BE AWWA C900, DR-18
 - 3.2.2.1. JOINTS AND FITTINGS: RESTRAINED GASKETED JOINTS PER ASTM F447 AND ASTM D3139, DIP FITTINGS WITH RESTRAINED JOINTS CONFORMING TO AWWA STANDARD C110/C111/C151 ARE TO BE USED.
 - 3.2.2.2. LINING & COATING: INTERIOR CEMENT MORTAR LINING CONFORMING TO AWWA C104 REQUIREMENTS AND ASPHALTIC EXTERIOR COATINGS CONFORMING TO AWWA C151 FOR ALL PIPES, JOINTS, AND FITTINGS.
 - 3.2.2.3. DUCTILE IRON PIPE (DIP) 16" AND BELOW SHALL BE PRESSURE CLASS 350 COMPLYING WITH LATEST VERSION OF AWWA C150/C151.
 - 3.2.2.4. JOINTS & FITTINGS: MECHANICAL OR PUSH-ON JOINTS OR FLANGED JOINTS CONFORMING TO AWWA STANDARD C110/C111/C115/C13.
 - 3.2.2.5. LINING & COATING: INTERIOR CEMENT MORTAR LINING CONFORMING TO AWWA C104 AND ASPHALTIC EXTERIOR COATINGS CONFORMING TO AWWA C151 FOR ALL TYPES, JOINTS, AND FITTINGS.
 - 3.2.4. COPPER PIPE (CU) SHALL BE TYPE "K" ANNEALED PER ASTM B88.
 - 3.2.4.1. JOINTS AND FITTINGS PER AWWA C800.
4. MAINTAIN 10' HORIZONTAL SEPARATION BETWEEN SANITARY SEWER LINES AND WATER LINES WHERE POSSIBLE. IN AREAS WHERE THESE CRITERIA CANNOT BE MET, PROVIDE 18" OF VERTICAL SEPARATION, UNLESS OTHERWISE NOTED WITHIN THE PLANS.
5. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATION OF THE PROPOSED SEWER CONNECTION POINT PRIOR TO INSTALLATION OF NEW LINE. CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES.
6. CONNECTIONS TO EXISTING MANHOLES SHALL BE MADE UTILIZING THE CORING AND RESILIENT SEAL METHOD IF NOT OTHERWISE NOTED PER LOCAL REGULATIONS.
7. THE CONTRACTOR SHALL VERIFY ANY PIPE LENGTHS, MATERIALS AND SIZES PROVIDED ON THE PLANS WITH FIELD CONDITIONS AND COORDINATE THE EXACT LOCATION OF THE BUILDING SERVICES WITH THE PLUMBING PLANS, NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
8. MINIMUM SLOPE OF 0.6' SANITARY SEWER SERVICES SHALL BE 1%. INSTALL PER INVERTS PROVIDED ON THE PLAN AND WITH A MINIMUM 48" OF COVER WITH ROADWAYS AND 30" OF COVER WITHIN LANDSCAPE AREAS.
9. MARK THE LOCATION OF PVC LINES WITH A #8 WIRE.
10. PROVIDE A MINIMUM OF 36" OF COVER OVER ALL WATER AND FIRE LINES.
11. ALL FIRE LINES SHALL BE INSTALLED FROM THE POINT OF CONNECTION TO THE BUILDING BY A SPRINKLER CONTRACTOR LICENSED IN THE STATE OF MO.
12. PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL BENDS AND BLOCKING/RODDING ON WATER/FIRE LINES TO ACHIEVE THE PROPOSED ALLIGMENT SHOWN.
13. BEFORE CONNECTIONS ARE MADE TO EXISTING LINES, INSTALLED LINES SHALL BE FLUSHED, TESTED, AND APPROVED BY THE GOVERNING AUTHORITY IN ACCORDANCE WITH THEIR REQUIREMENTS.
14. REPAIR DAMAGE TO EXISTING FEATURES TO PRE-CONSTRUCTION CONDITION IN ACCORDANCE WITH GOVERNING AUTHORITY'S REQUIREMENTS IN A TIMELY MANNER. TRENCHES WITHIN EXISTING PAVEMENTS SHALL BE EVENLY SAW CUT FOR REMOVAL AND COMPLETELY BACKFILLED WITH CRUSHED STONE. REPAIR ROADWAYS PER PROVIDER REQUIREMENTS.
15. THE CONTRACTOR SHALL TAKE CARE TO PROPERLY COMPACT FILL WITHIN UTILITY TRENCHES AND AROUND OTHER PROJECT FEATURES TO AVOID SETTLEMENT OR SETTLEMENT OCCURRING WITHIN 12 MONTHS OF COMPLETION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
16. EXISTING AND NEW CASTINGS SHALL BE ADJUSTED TO MATCH FINISH GRADE. CASTINGS SHALL BE SLOPED TO MATCH SLOPES OF PROPOSED PAVEMENTS AND SIDEWALKS.
17. THE CONTRACTOR SHALL COORDINATE GAS SERVICE, ELECTRICAL SERVICE, AND COMMUNICATION SERVICES WITH THE APPROPRIATE PROVIDER AND PAY NECESSARY FEES FOR INSTALLATION.
18. THE SITE ELECTRICAL INFORMATION SHOWN ON THE CIVIL DRAWINGS IS INCLUDED AS A REFERENCE ONLY, AND IS NOT PART OF THE CIVIL SCOPE ISSUED FOR CONSTRUCTION. THE ELECTRICAL INFORMATION ON THE CIVIL DRAWINGS INCLUDES BUT IS NOT LIMITED TO TRANSFORMERS, SWITCH GEARS, TERMINATING CABINETS, BLAST/FIRE WALLS, GENERATORS AND PADS, SERVICE RISER POLES, DOWN-GUY WIRES, OVERHEAD SERVICE LINES AND UNDERGROUND ELECTRICAL CONFIGURATIONS ARE TO BE CONSTRUCTED PER PLANS DEVELOPED BY LOCAL ELECTRICAL SERVICE PROVIDER AND THE PROJECT ELECTRICAL ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION THAT ALL NECESSARY SITE ELECTRICAL COMPONENTS CAN BE INSTALLED IN RELATION TO ALL OTHERS. REQUIRED SITE FEATURES DEPICTED ON THE PLANS, AND SHALL NOTIFY THE CIVIL AND ELECTRICAL ENGINEER SHOULD A CONFLICT ARISE.

RELEASED FOR CONSTRUCTION
As Noted on Plan Review

Development Services Department
Lee's Summit, Missouri

08/21/2025



Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

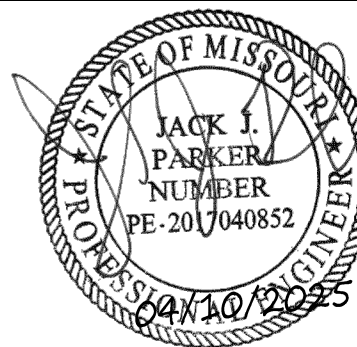
T: 602.943.8950

www.devenneygroup.com

Consultant:



1524 WILLIAMS DRIVE, SUITE 201, MURFREESBORO, TN 37129
(615) 622-7200 | WWW.CATALYST-DG.COM



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ED EXPANSION

HCA - LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHS

FACILITY NUMBER:
097240009

AGENCY APPROVALS:
AGENCY

REVISIONS

REV #	DESCRIPTION	DATE
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DRAWING TITLE

DEMOLITION PLAN

PROJECT NUMBER

20240037

DRAWING NUMBER

DP-C3.0

DATE: 2025/04/10

SCALE: 1:10

DRAWN: AP

REVIEWED: JP

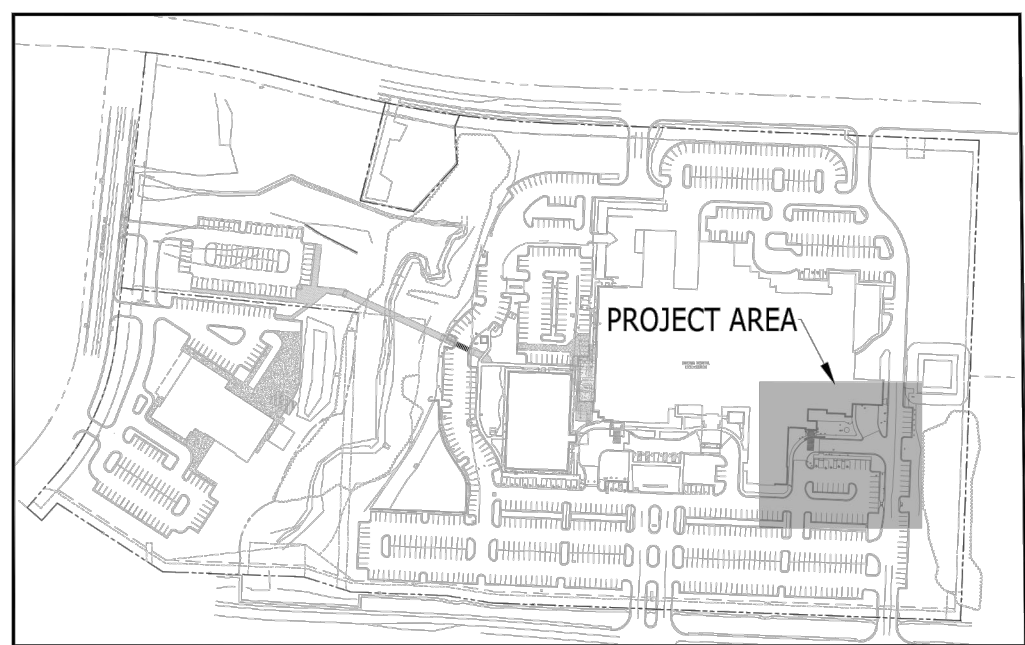
JOB NUMBER: 6406.24

DEMOLITION PLAN

DP-C3.0

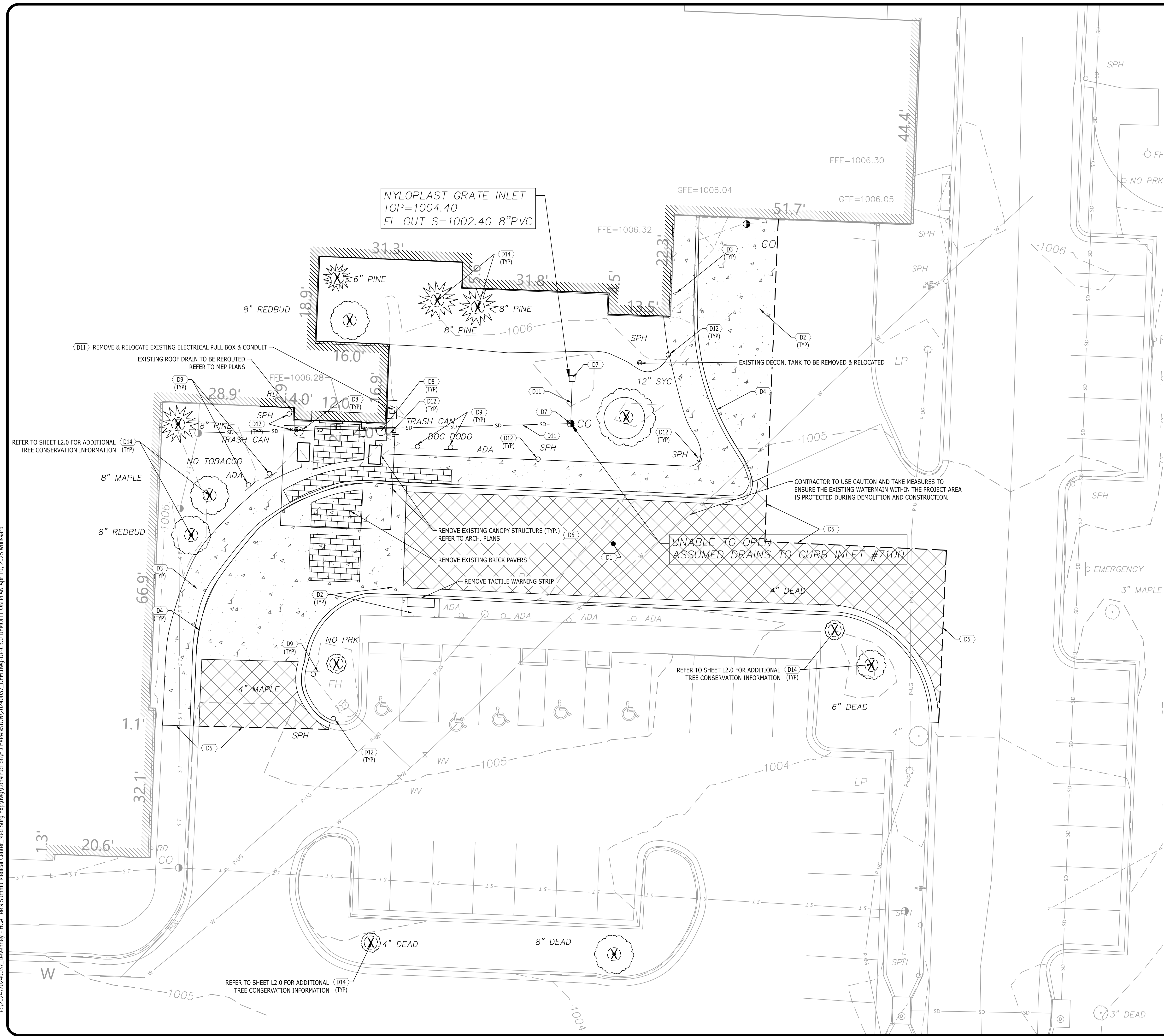
DEMOLITION KEYNOTES	
CODE	DESCRIPTION
(D1)	REMOVE EXISTING ASPHALT PAVEMENT
(D2)	REMOVE EXISTING CONCRETE PAVEMENT
(D3)	REMOVE EXISTING CONCRETE SIDEWALK
(D4)	REMOVE EXISTING CONCRETE CURB
(D5)	EVENLY SAWCUT
(D6)	REMOVE EXISTING BUILDING/STRUCTURE
(D7)	REMOVE EXISTING DRAINAGE STRUCTURE
(D8)	REMOVE/RELOCATE EXISTING TRASH CAN
(D9)	REMOVE EXISTING SIGN
(D11)	REMOVE EXISTING UTILITY LINE & APPURTENANCES
(D12)	REMOVE EXISTING IRRIGATION LINE & APPURTENANCES
(D14)	REMOVE EXISTING TREE

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



KEY MAP
NOT TO SCALE

N



P:\2024\20240037 - Devenney - HCA Lee's Summit Medical Center - Med Surg Exp\dwg\Construction\ED EXPANSION\20240037_DEM.dwg-DP-C3.0 DEMOLITION PLAN Apr 10, 2025 willard

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As Noted on Plan Review

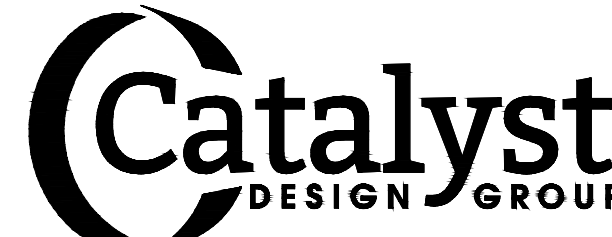
Development Services Department
Lee's Summit, Missouri

08/21/2025

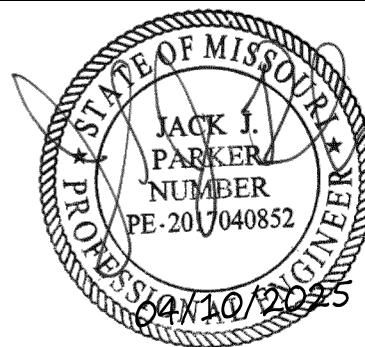


Devenney Group Ltd., Architects
6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251
T: 602.943.8950
www.devenneygroup.com

Consultant:



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(615) 622-7200 | WWW.CATALYST-DG.COM



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ED EXPANSION

HCA - LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

FACILITY NUMBER:
0972400099

AGENCY APPROVALS:
AGENCY

REVISIONS
REV # DESCRIPTION DATE

DATE: 2025/04/10
SCALE: 1:10
DRAWN: AP
REVIEWED: JP
JOB NUMBER: 6406.24

LAYOUT PLAN

DP-C4.0

SITE LAYOUT KEYNOTES		
CODE	DESCRIPTION	DET #/SHT #
S1	CONCRETE PAVEMENT	4 / C6.0
S2A	ASPHALT PAVEMENT (HEAVY DUTY)	1 / C6.0
S2B	ASPHALT PAVEMENT (LIGHT DUTY)	1 / C6.0
S3A	CONCRETE POST CURB	2 / C6.0
S3B	CONCRETE POST CURB & GUTTER	2 / C6.0
S4A	CONCRETE SIDEWALK	6 / C6.0
S5	PEDESTRIAN CROSSWALK	9 / C6.0
S6	BOLLARD	7 / C6.0

SITE DATA

TAX MAP: 60
PARCEL ID.: 60-420-99-15-00-0-00-000
SITE ADDRESS: 2000 SHENANDOAH DRIVE
LEE'S SUMMIT, MO 64063
SITE ACREAGE: 24.48 AC. (1,066,349 FT²)
EXISTING ZONING: CP-2
PROPOSED USE: HOSPITAL

IMPERVIOUS SURFACE AREA
BUILDINGS: 0.06 AC. (2,804 FT²)
DRIVES/SIDEWALKS: 0.15 AC. (6,538 FT²)
TOTAL PROPOSED IMPERVIOUS AREA: 0.21 AC. (9,206 FT²)

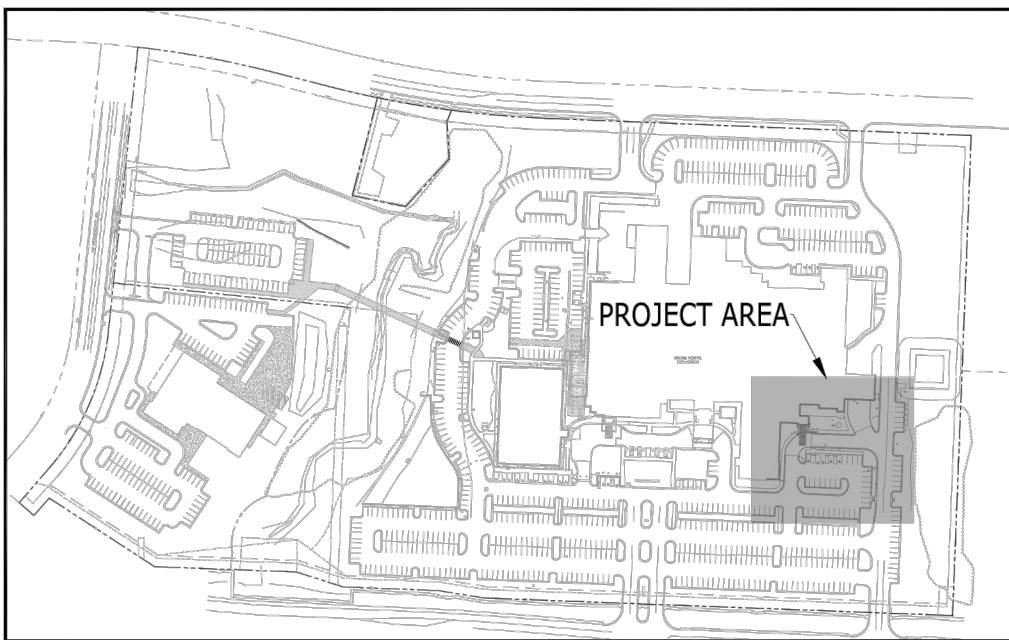
PARKING REQUIRED:
PROPOSED ADDITION HAS NO IMPACT TO THE REQUIRED PARKING

TOTAL PARKING REQUIRED:
114 BEDS X 1.8 SPACES = 206 SPACES REQUIRED
122,789 SF OF MOB'S X (1,000 SF X 5) = 614 SPACES REQUIRED
TOTAL REQUIRED: 820 SPACES REQUIRED
EXISTING PARKING: 825 (INCLUDING PL2024191 PROPOSED PARKING SPACES)

OWNER: MIDWEST DIVISION LSH LLC
ADDRESS: PO BOX 80610
INDIANAPOLIS, IN 46280

PROJECT REPRESENTATIVE:
ADDRESS: CATALYST DESIGN GROUP
1524 WILLIAMS DRIVE
MURFREESBORO, TN 37129
PHONE NO.: 615-622-7200
CONTACT NAME: JACK PARKER
CONTACT E-MAIL ADDRESS: jparker@catalyst-dg.com

FEMA PANEL:
THE SUBJECT PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD ZONE
ACCORDING TO COMMUNITY PANEL NO. 29095C04396, 01/20/2017, COMMUNITY NAME:
JACKSON COUNTY.



KEY MAP
NOT TO SCALE

N

0 5 10 20 30
GRAPHIC SCALE

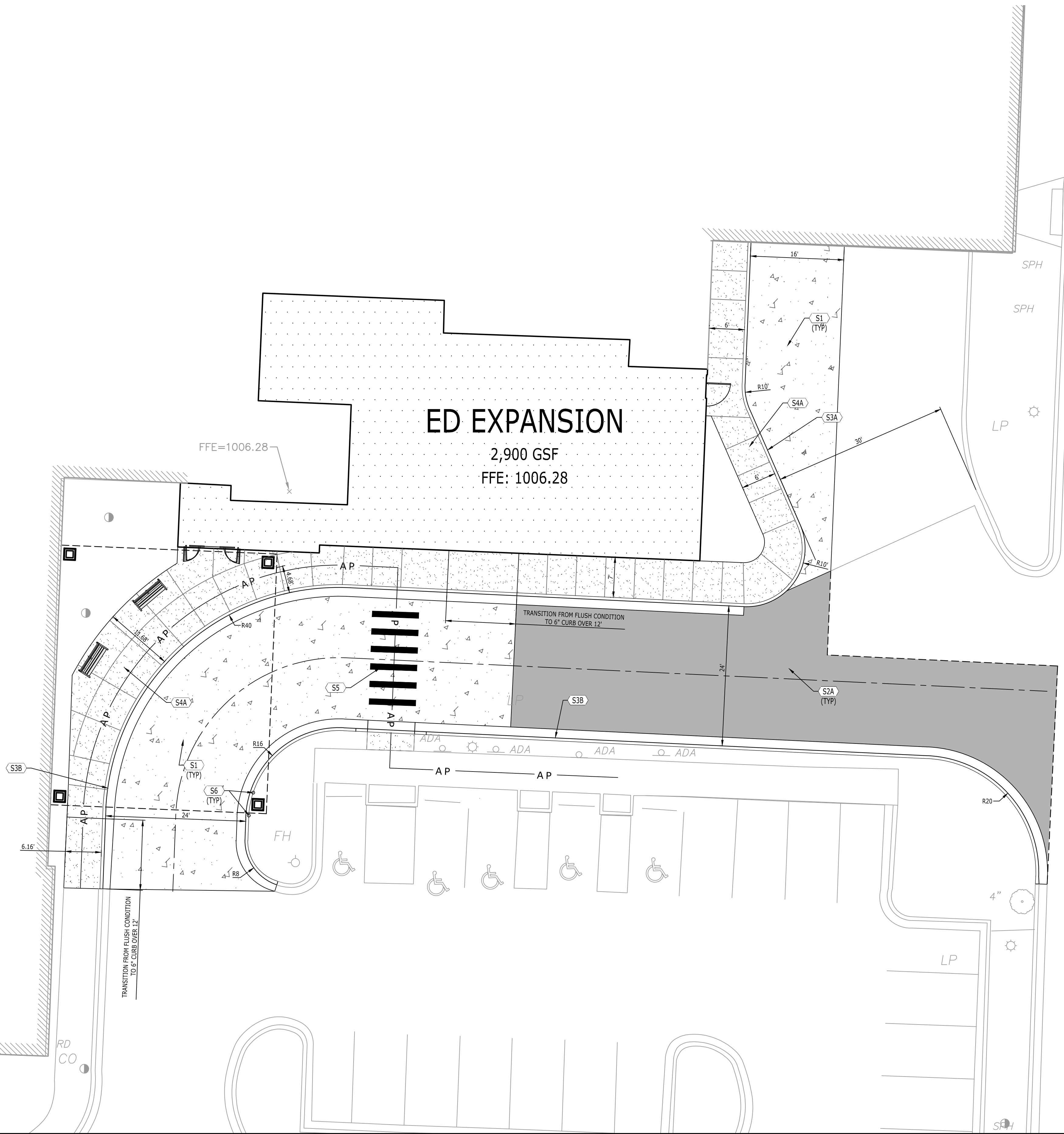
SPH
FH
NO PRK

SPH
EMERGENCY
3" MAPLE

SPH
LP
4"

SPH

LEGEND	
CONCRETE PAVEMENT	
CONCRETE SIDEWALK	
BUILDING ADDITION	
PAINTED STRIPE	
CONCRETE CURB	
CENTERLINE	
ACCESSIBLE PATH	



ED EXPANSION
2,900 GSF
FFE: 1006.28

FFE=1006.28

TRANSITION FROM FLUSH CONDITION
TO 6" CURB OVER 12"

TRANSITION FROM FLUSH CONDITION
TO 6" CURB OVER 12"

P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\ED EXPANSION\20240037_LAY.dwg-DP-C4.0 LAYOUT PLAN Apr 10, 2025 willisard

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Lee's Summit, Missouri

08/21/2025



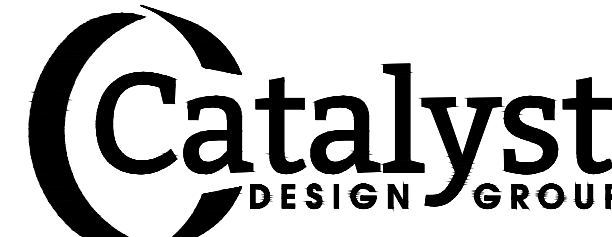
Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

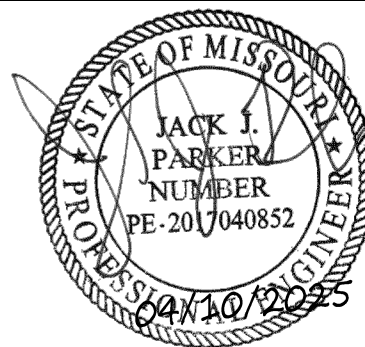
T: 602.943.8950

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Consultant:



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ED EXPANSION

HCA - LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHS

FACILITY NUMBER:
0972400099

AGENCY APPROVALS:
AGENCY

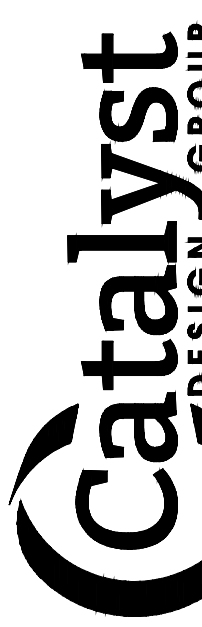
REVISIONS

REV #	DESCRIPTION	DATE
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DATE: 2025/04/10
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DRAWN: AP
REVIEWED: JP
JOB NUMBER: 6406.24

GRADING, DRAINAGE, &
UTILITY PLAN

DP-C5.0



LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PARKWAY
LEE'S SUMMIT, MO 64063
816-282-5000

FINAL DEVELOPMENT PLAN
HCA LEE'S SUMMIT
MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO 64063
JACKSON COUNTY

DRAWING TITLE
GRADING,
DRAINAGE, &
UTILITY PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER

DP-C5.0

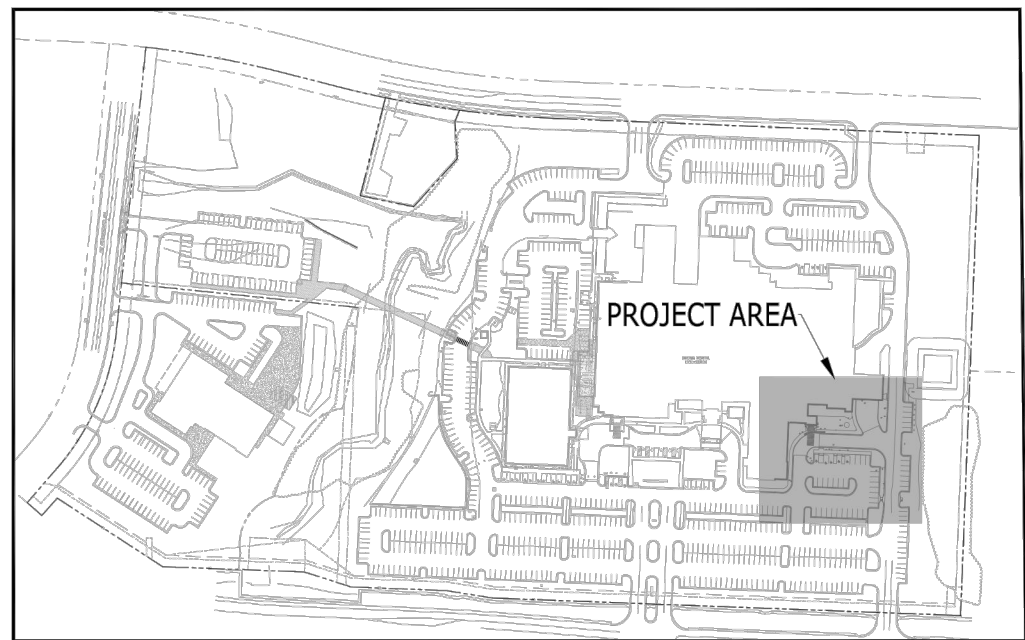
GRADING & DRAINAGE KEYNOTES		
CODE	DESCRIPTION	DET # / SHT #
G1	CLEANOUT	2 / C6.1
G4	NDS INLINE DRAIN	1 / C6.1
G6	FLUSH CONDITION	
G7	TRANSITION FROM FLUSH CONDITION TO 6" CURB OVER 12'	
G8	TRANSITION FROM FLUSH CONDITION TO 6" CURB OVER 2'	

LEGEND

STORM PIPE & INLET	
SPOT ELEVATION	
PROPOSED CONTOUR ELEV.	

EROSION CONTROL NOTES:

- EROSION PREVENTION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATION BEGINS AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY BUT MUST BE REPLACED AT THE END OF THE WORKDAY.
- THE FOLLOWING RECORDS SHALL BE MAINTAINED ON OR NEAR SITE: THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR, THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE; THE DATES WHEN STABILIZATION MEASURES ARE INITIATED; INSPECTION RECORDS AND RAINFALL RECORDS.
- THE CONTRACTOR SHALL MAINTAIN A RAIN GAUGE AND DAILY RAINFALL RECORDS AT THE SITE OR USE A REFERENCE SITE FOR A RECORD OF DAILY AMOUNT OF PRECIPITATION.
- PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 10 DAYS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA IS SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED.
- CONSTRUCTION MUST BE SEQUENCED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED AREAS.
- THE CONTRACTOR SHALL REMOVE SEDIMENT FROM ALL DRAINAGE STRUCTURES BEFORE ACCEPTANCE BY LOCAL GOVERNING AGENCY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL REMOVE THE TEMPORARY EROSION AND WATER POLLUTION CONTROL DEVICES ONLY AFTER A SOLID STAND OF GRASS HAS BEEN ESTABLISHED ON GRADED AREAS AND WHEN IN THE OPINION OF THE OWNER'S REPRESENTATIVE, THEY ARE NO LONGER NEEDED.
- DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF THE COMPLETION OF GRADING ACTIVITIES. SLOPES 3:1 OR STEEPER SHALL BE STABILIZED WITHIN 7 DAYS.



KEY MAP
NOT TO SCALE

NOTE: CONTRACTOR TO INSTALL AND MAINTAIN APPROPRIATE EPSC MEASURES TO ENSURE SEDIMENT/POLLUTION DOES NOT DISCHARGE OFF THE PROJECT AREA DURING CONSTRUCTION.

CONTRACTOR TO FIELD LOCATE THE EXISTING STORM LINE FOR INLINE NDS DRAIN INSTALLATION.



SITE DESCRIPTION AND NOTES:

THE SITE IS LOCATED ON TAX MAP 60, PARCEL 60-420-99-15-00-0-00-000 IN LEE'S SUMMIT, JACKSON COUNTY, MO. CONSTRUCTION ACTIVITY ON THIS SITE WILL CONSIST OF DISTURBING APPROXIMATELY 0.29± ACRES TO CONSTRUCT A REMOTE PARKING, PEDESTRIAN BRIDGE, AND DIETARY EXPANSION.

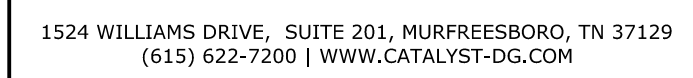
- APPROXIMATE CONSTRUCTION TIME TABLE:
BEGIN CONSTRUCTION - AUGUST 2025
COMPLETE CONSTRUCTION - JUNE 2027
- CONSTRUCTION SEQUENCE:
A. ATTEND CITY OF LEE'S SUMMIT PRE-CONSTRUCTION MEETING.
B. INSTALL EROSION CONTROL MEASURES
C. CONTACT CITY OF LEE'S SUMMIT - EROSION CONTROL INSPECTOR FOR INSPECTION OF EROSION CONTROL DEVICES TO OBTAIN GRADING PERMIT.
D. CONSTRUCT REMAINING SITE ACCORDING TO APPROVED PLANS, INCLUDING ALL ADDITIONAL EROSION CONTROL DEVICES.
E. UPON PERMANENT SITE STABILIZATION SEED AND STRAW.
F. REMOVE ALL OTHER EROSION TEMPORARY CONTROL DEVICES PRIOR TO AS-BUILT APPROVALS.
- TOTAL PROJECT AREA = 1,066,349 SF (24.48± AC.)
DISTURBED AREA = 12,715 S.F. (0.29± AC.)

P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\ED EXPANSION\20240037_GRA.dwg-DP-C5.0 GRADING, DRAINAGE & UTILITY PLAN Apr 10, 2025 hlsbard

08/21/2025



**LEE'S SUMMIT
MEDICAL CENTER**
2100 SE BLUE PARKWAY
LEE'S SUMMIT, MO 64063
816-282-5000



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HCA - LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

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MISSOURI DHSS

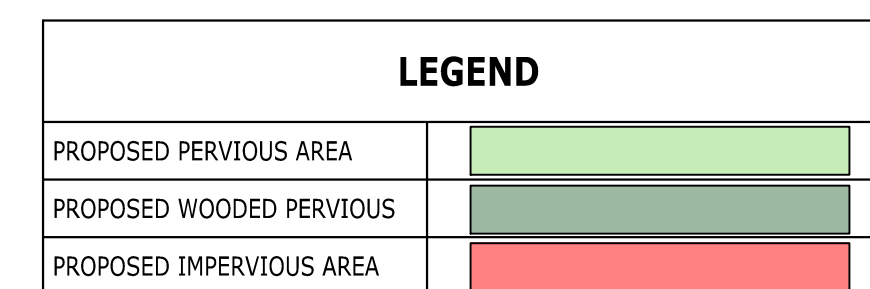
FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2025/04/10
SCALE:	1:10
DRAWN:	AP
REVIEWED:	JP
JOB NUMBER:	6406.24

DP-C5.1

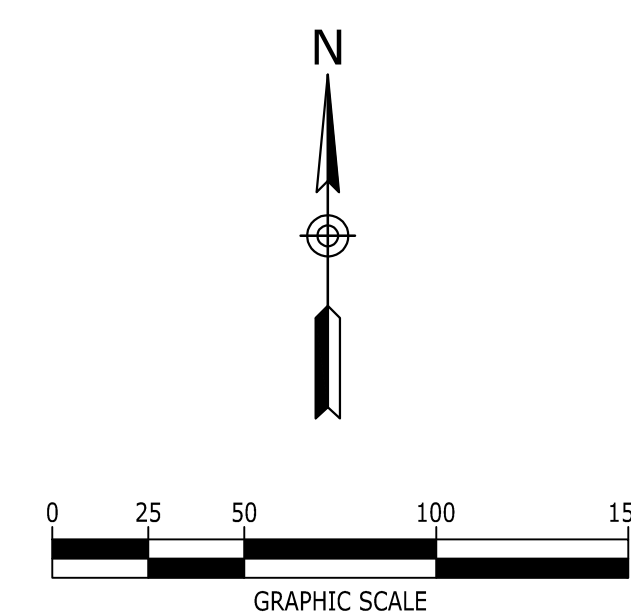


WATERSHED B AREA		
LAND USE	AREA	CURVE NUMBER
PROPOSED PERVIOUS AREA	2.74 AC (119,296 SQ FT)	80
PROPOSED WOODED PERVIOUS	0.44 AC (18,988 SQ FT)	77
PROPOSED IMPERVIOUS AREA	4.12 AC (179,704 SQ FT)	98
TOTAL	7.30 AC (317,988 SQ FT)	90

ALLOWABLE / DESIGNED WATERSHED CN = 93
PER APPROVED STORM WATER MANAGEMENT PLAN BY
GEORGE BUTLER ASSOCIATES, INC. DATED APRIL 13, 2006.



Know what's below.
Call before you dig.



DRAINAGE AREA MAP

PROJECT NUMBER	20240037
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DRAWING NUMBER
DP-C5.1

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As Noted on Plan Review

Development Services Department
Lee's Summit, Missouri

08/21/2025



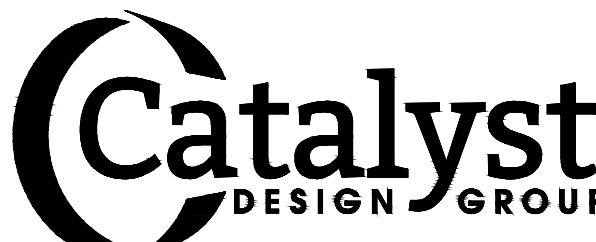
Devenney Group Ltd., Architects

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Suite 500
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ED EXPANSION

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MEDICAL CENTER
2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS

REV #	DESCRIPTION	DATE
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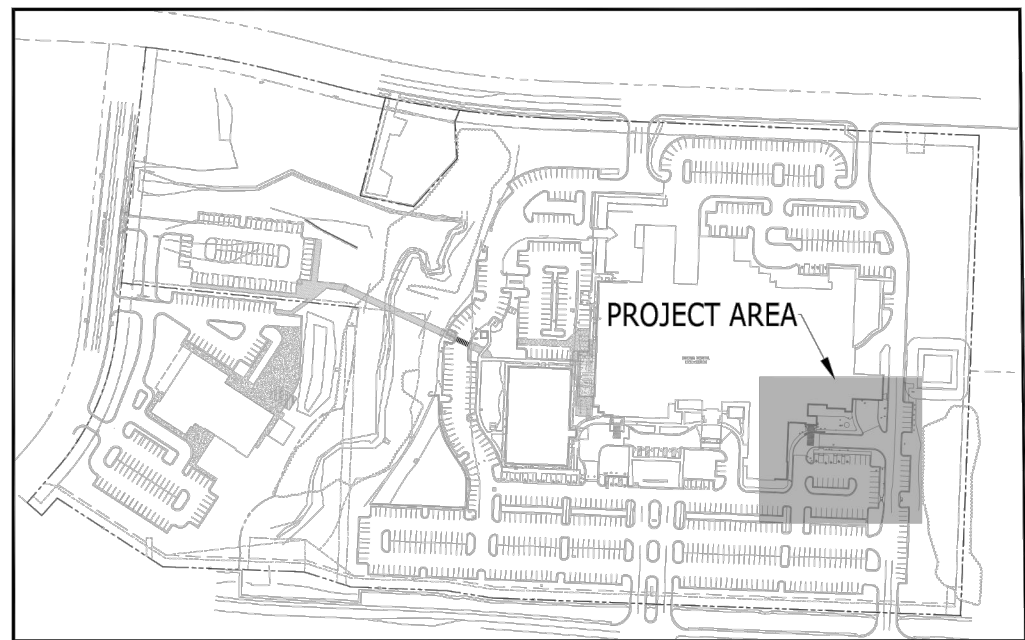
DATE:	2025/04/10
SCALE:	1:10
DRAWN:	AP
REVIEWED:	JP
JOB NUMBER:	6406.24

SITE ACCESSIBILITY PLAN

DP-C5.2

GRADING & DRAINAGE KEYNOTES		
CODE	DESCRIPTION	DET #/SHT #
G1	CLEANOUT	2 / C6.1
G4	NYOPLAST DRAIN INLET	3 / C6.1
G6	FLUSH CONDITION	
G7	TRANSITION FROM FLUSH CONDITION TO 6" CURB OVER 12'	
G8	TRANSITION FROM FLUSH CONDITION TO 6" CURB OVER 2'	

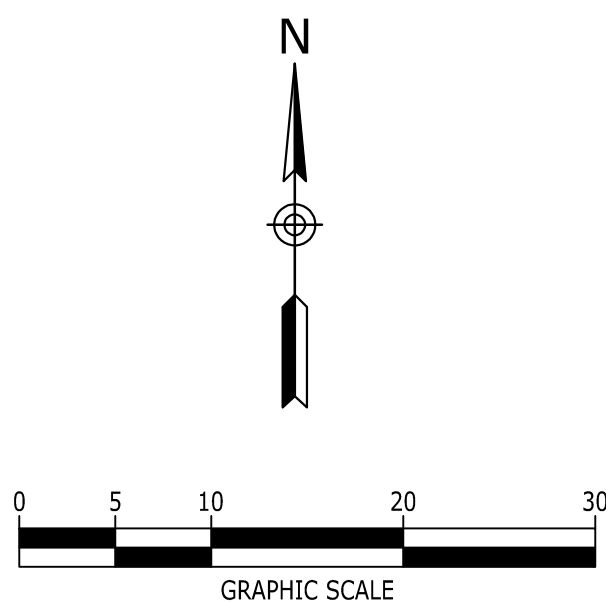
LEGEND	
STORM PIPE & INLET	
SPOT ELEVATION	
PROPOSED CONTOUR ELEV.	



KEY MAP
NOT TO SCALE



Know what's below.
Call before you dig.



LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PARKWAY
LEE'S SUMMIT, MO 64063
816-282-5000

FINAL DEVELOPMENT PLAN
HCA LEE'S SUMMIT
MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO. 64063
JACKSON COUNTY

NO.		DATE	DESCRIPTION

DRAWING TITLE
SITE ACCESSIBILITY
PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER

DP-C5.2

P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center - Med Surg Exp\dwg\Construction\ED EXPANSION\20240037_GRA.dwg-DP-C5.2 SITE ACCESSIBILITY PLAN Apr 10, 2025 mhilliard
Autodesk Docu//6406.24 0001 - HCA - LSNF MedSurg Expansion_1x23/6406.24 0001 HCA - LSNF Med Surg Expansion.rvt
5/10/2024 2:05:24 PM

RELEASED FOR CONSTRUCTION
As Noted on Plan Review

Development Services Department
Lee's Summit, Missouri

08/21/2025

Devenney
GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

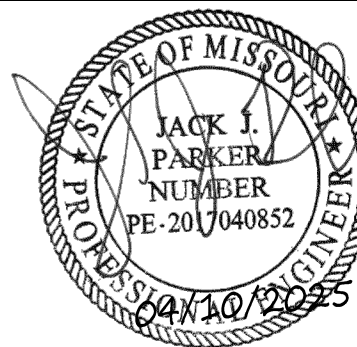
T: 602.943.8950

www.devenneygroup.com

Consultant:

Catalyst
DESIGN GROUP

1524 WILLIAMS DRIVE, SUITE 201, MURFREESBORO, TN 37129
(615) 622-7200 | WWW.CATALYST-DG.COM



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ED EXPANSION

HCA - LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

FACILITY NUMBER:
0972400099

AGENCY APPROVALS:
AGENCY

REVISIONS

REV #	DESCRIPTION	DATE
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DATE: 2025/04/10
SCALE: AP
DRAWN: JP
REVIEWED: 6406.24
JOB NUMBER:

SITE DETAILS

DP-C6.0

Catalyst
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LEE'S SUMMIT
MEDICAL CENTER
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LEE'S SUMMIT, MO 64063
816-282-5000

FINAL DEVELOPMENT PLAN
HCA LEE'S SUMMIT
MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO 64063
JACKSON COUNTY

NO.	DATE	DESCRIPTION
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DRAWING TITLE
SITE DETAILS

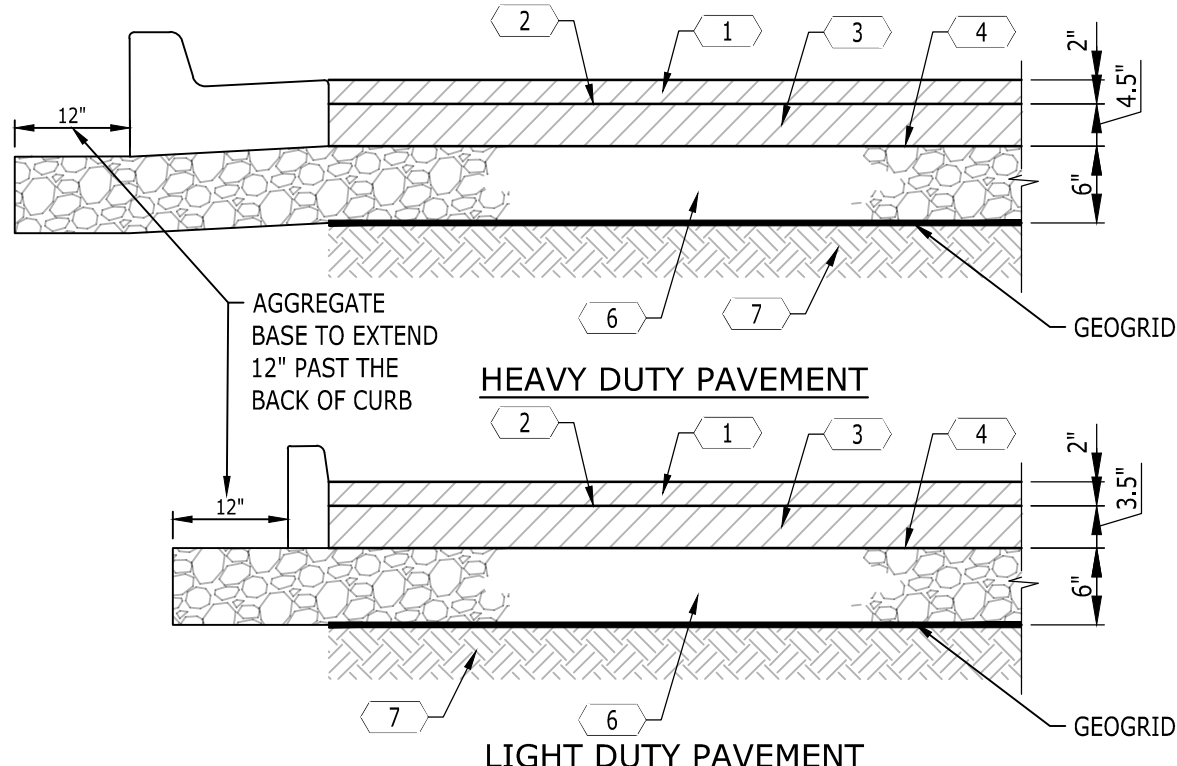
PROJECT NUMBER
20240037

DRAWING NUMBER

DP-C6.0

KEYNOTES	
CODE	DESCRIPTION
(1)	ASPHALTIC SURFACE COURSE
(2)	TACK COAT AT 0.10 GAL./S.Y.
(3)	ASPHALTIC BASE COURSE
(4)	PRIME COAT AT 0.30 GAL./S.Y.
(5)	ASPHALTIC SURFACE COURSE
(6)	COMPACTED MINERAL AGGREGATE BASE
(7)	COMPACTED SUBGRADE

- NOTE:
- ON ALL EXISTING PAVEMENT REPAIR OR REPLACEMENT, USE THE PAVEMENT SECTIONS SHOWN OR MATCH THE EXISTING SECTION, WHICHEVER IS GREATER.
 - PAVEMENT DEPTHS TO MATCH AND COMPLY WITH THE CITY OF LEE'S SUMMIT UNIFIED DEVELOPMENT CODE STANDARDS.
 - ALL ASPHALTIC CONCRETE MIX & COMPONENTS TO ADHERE TO KCMBS STANDARDS



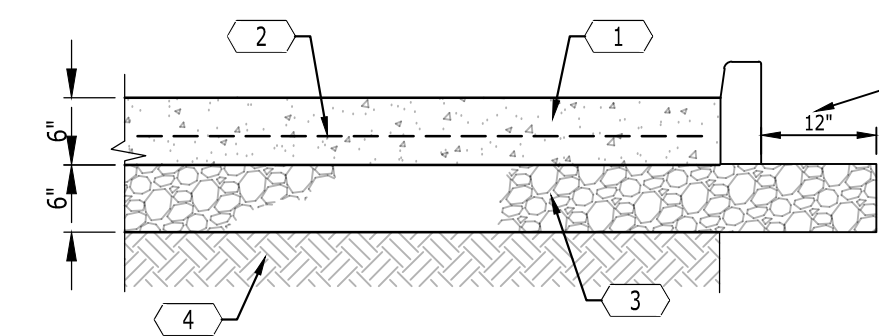
1

ASPHALT PAVEMENT

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
(1)	CONCRETE PAVEMENT, 4000 PSI
(2)	6" x 6" W2.9xW2.9 W.W.F., ASTM GRADE 60 STEEL
(3)	COMPACTED MINERAL AGGREGATE BASE
(4)	COMPACTED SUBGRADE

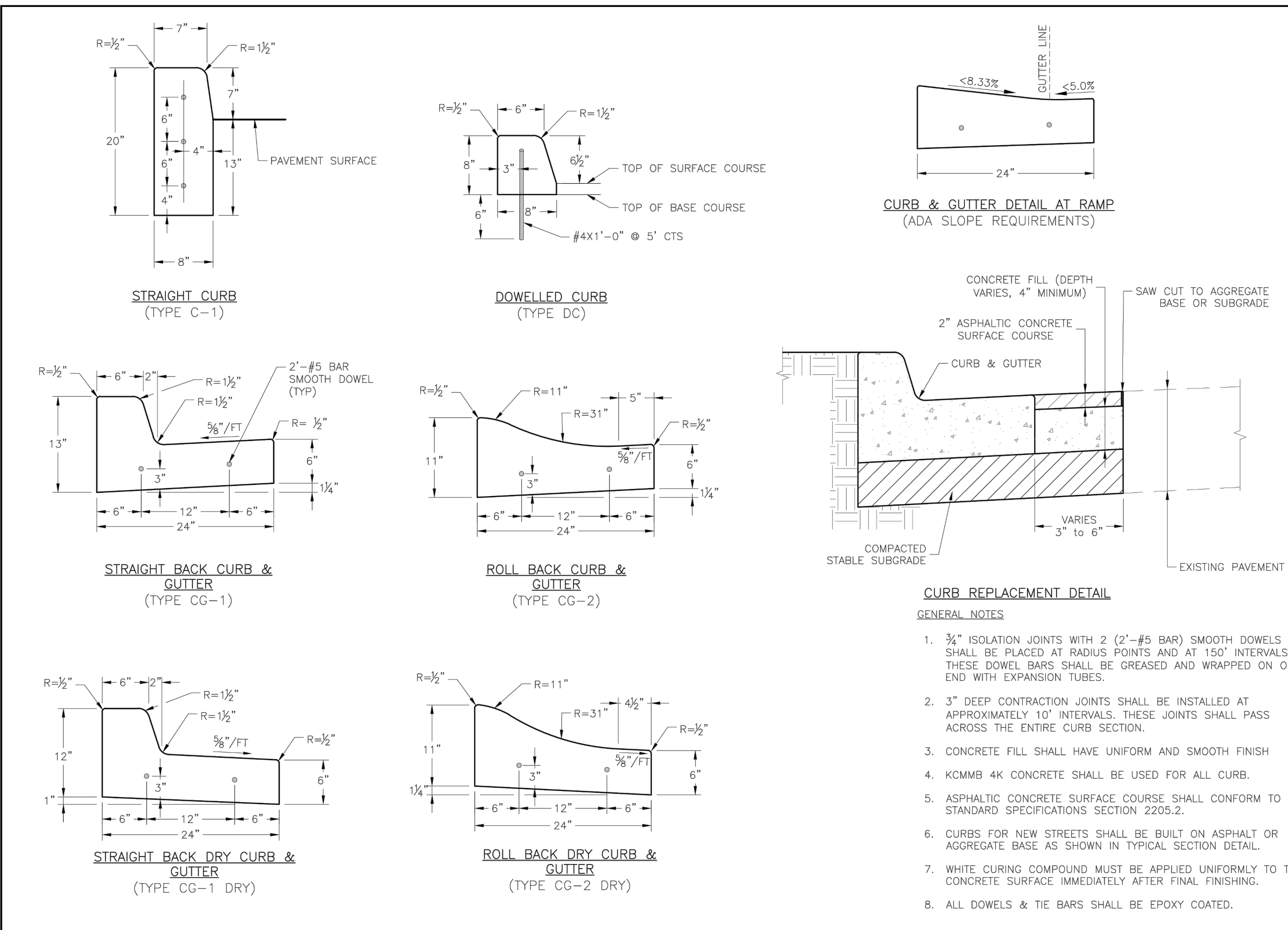
- NOTE:
- ON ALL EXISTING PAVEMENT REPAIR OR REPLACEMENT, USE THE PAVEMENT SECTIONS SHOWN OR MATCH THE EXISTING SECTION, WHICHEVER IS GREATER.
 - PAVEMENT DEPTHS TO MATCH AND COMPLY WITH THE CITY OF LEE'S SUMMIT UNIFIED DEVELOPMENT CODE STANDARDS.
 - ALL CONCRETE PAVEMENT MIX & COMPONENTS TO ADHERE TO KCMBS STANDARDS



3

CONCRETE PAVEMENT

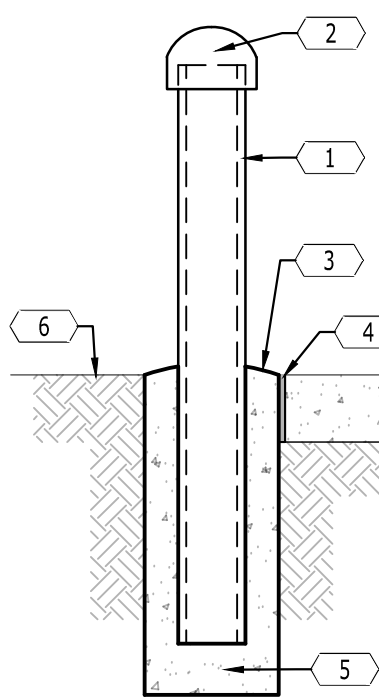
NOT TO SCALE



2

KEYNOTES	
CODE	DESCRIPTION
(2)	PREFABRICATED CAP
(1)	6" x 6" x 8" STEEL PIPE BOLLARD FILLED WITH CONCRETE, PRIME WITH SUITABLE PRIMER AND PAINT IN A COLOR TO BE SELECTED BY THE ARCHITECT.
(3)	1" CROWN
(4)	1/2" EXPANSION JOINT MATERIAL, AASHTO M-33, WHERE PLACED IN A RIGID PAVEMENT AREA.
(5)	3500 PSI CONCRETE
(6)	F.G.

NOTE: PRIMER AND FIRST COAT OF PAINT SHALL BE APPLIED BEFORE INSTALLATION. A SECOND COAT OF PAINT SHALL BE APPLIED AFTER INSTALLATION.



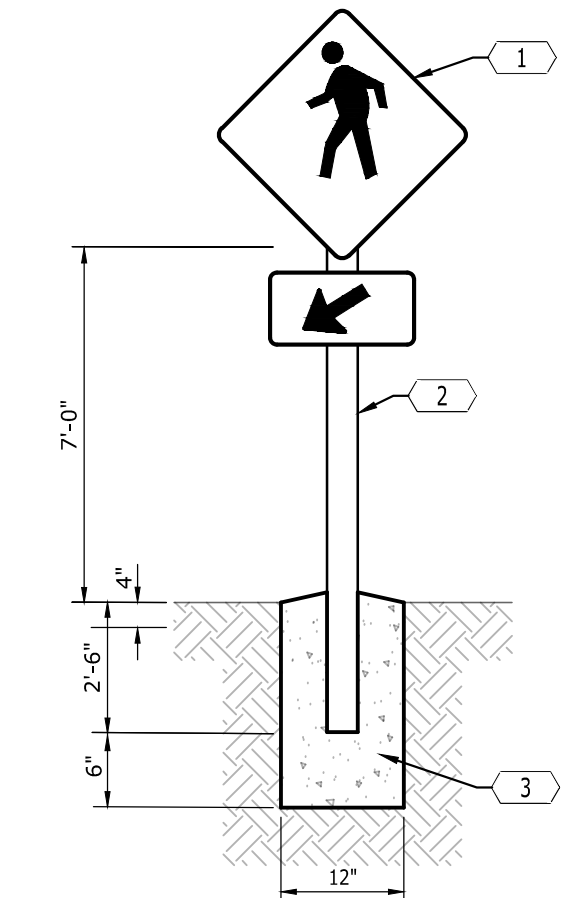
4

STEEL BOLLARD WITH CAP

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
(1)	PEDESTRIAN CROSSWALK SIGN (30" X 30")
(2)	2" SQUARE GALVANIZED STEEL TUBE. PROVIDE WELDED CAP AT TOP AND GRIND WELDS SMOOTH.
(3)	CONCRETE FOOTING

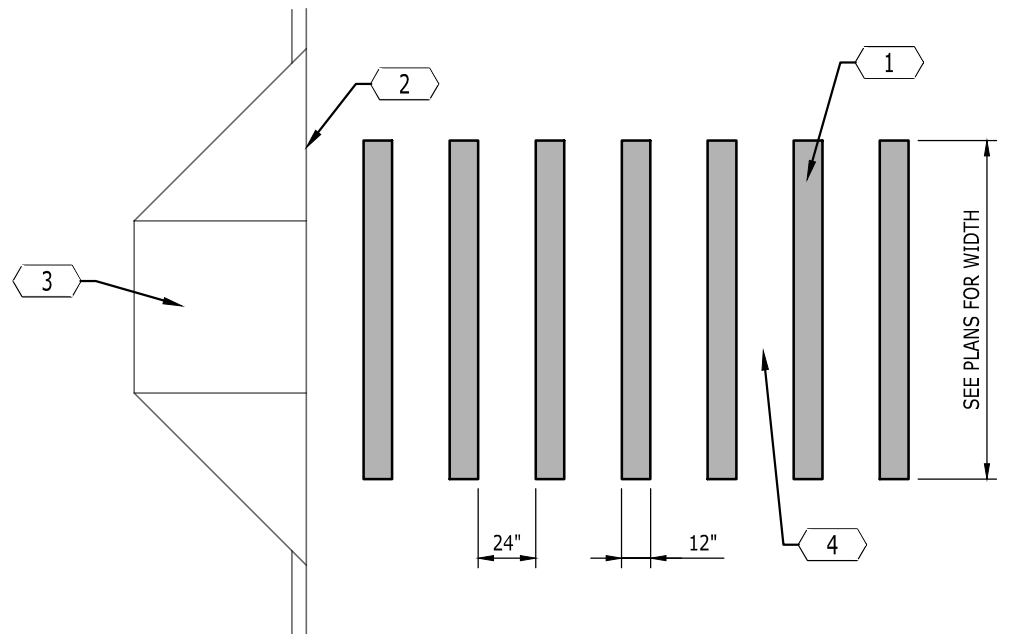
NOTE: SIGN SHALL BE LOCATED 3' FROM THE EDGE OF THE PAVEMENT UNLESS SUCH PLACEMENT WOULD OBSTRUCT THE SIDEWALK.



PEDESTRIAN CROSSWALK

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
(1)	PEDESTRIAN CROSSWALK; MARKINGS SHALL BE SOLID WHITE PAINTED ON ASPHALT; PAINT 12" WIDE STRIPES AS INDICATED WITH PORTER "TRAFFIC WHITE" PAINT OR APPROVED EQUAL. CROSSWALK SHALL BE IN COMPLIANCE WITH ADAAG 403.3.
(2)	FACE OF CURB
(3)	ACCESSIBLE RAMP; SEE DETAIL
(4)	MAX. 2% CROSS SLOPE; MAX. 5% RUNNING SLOPE (TYP.)



6

6

7

P:\2024\20240037 - Devenney - HCA Lee's Summit Medical Center_Med Surg Expanding\Construction\ED EXPANSION\20240037_DET.dwg DP-C6.0 SITE DETAILS Apr 10, 2025 wlsdard

08/21/2025



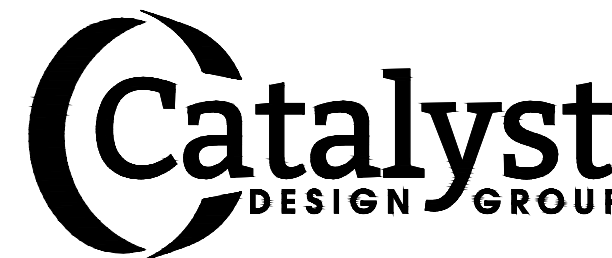
Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

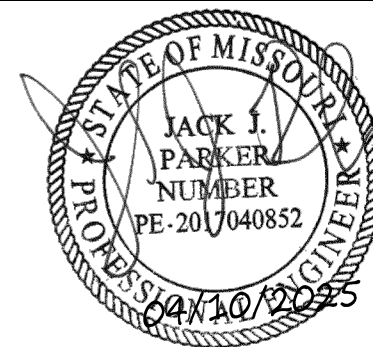
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Consultant:



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ED EXPANSION

HCA - LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

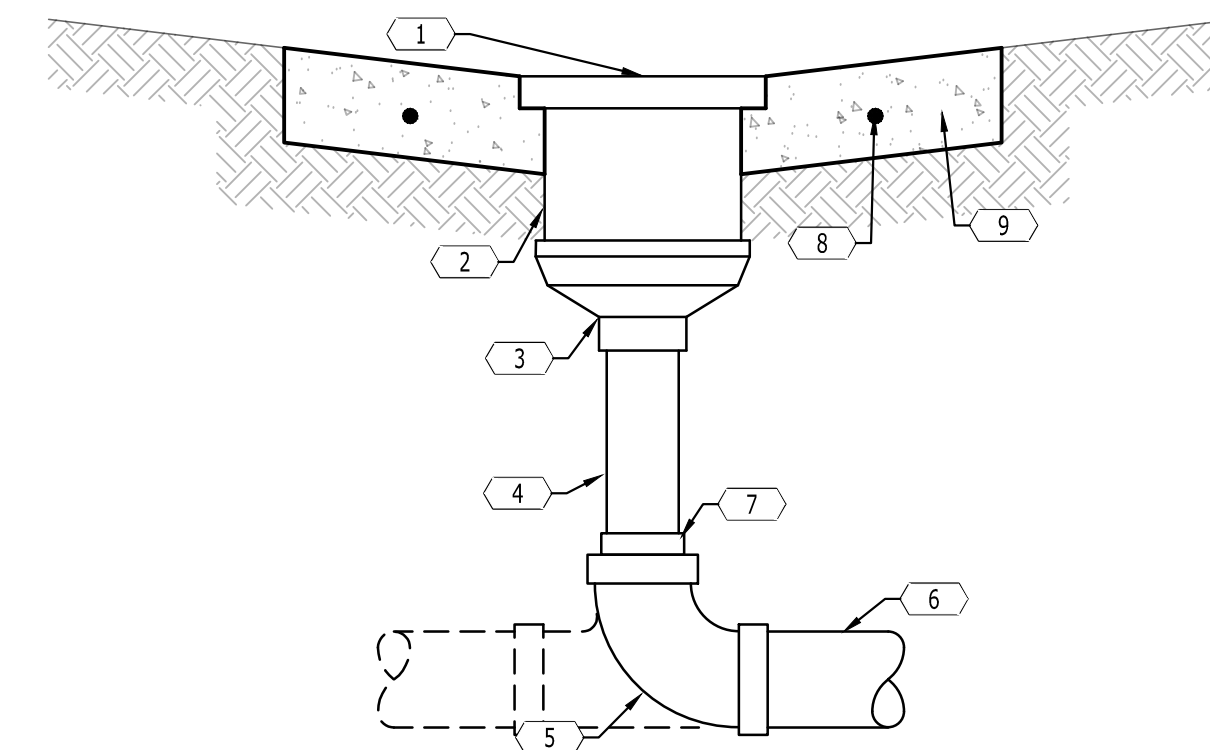
REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2025/04/10
SCALE:	
DRAWN:	AP
REVIEWED:	JP
JOB NUMBER:	6406.24

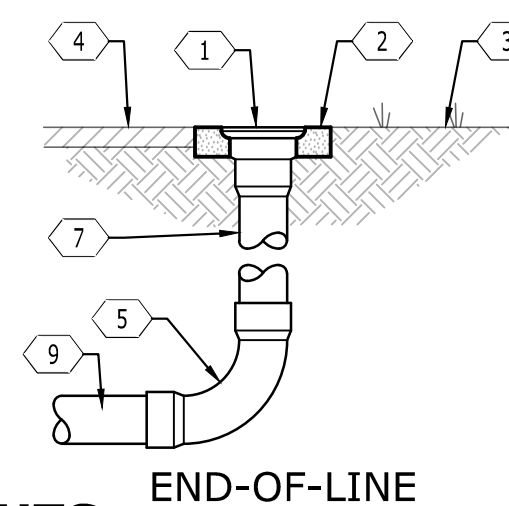
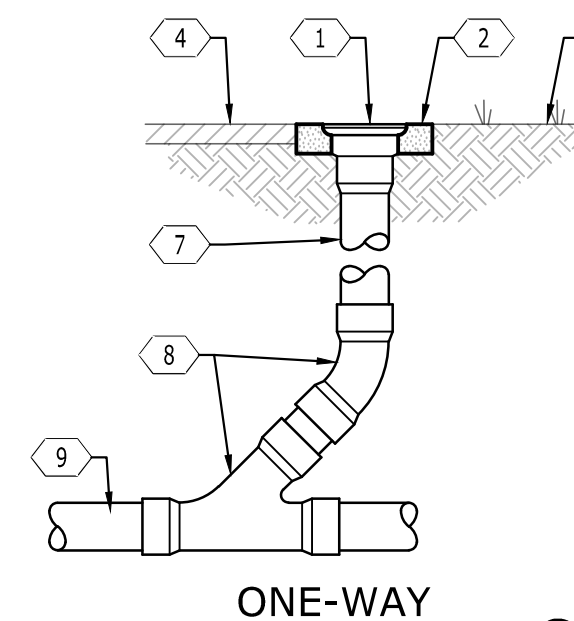
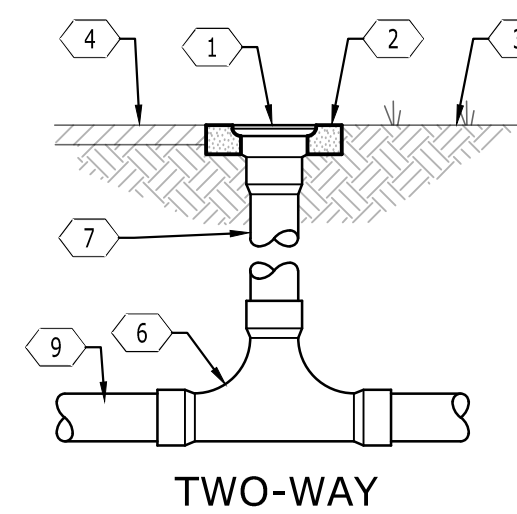
SITE DETAILS

DP-C6.1

KEYNOTES	
CODE	DESCRIPTION
①	NDS 1211 GRATE
②	NDS 1216 RISER BOX
③	NDS 1230 HUB ADAPTOR
④	6" PVC, LENGTH AS REQ'D
⑤	8" PVC ELL OR TEE
⑥	8" PVC STORM PIPE
⑦	8" X 6" PVC REDUCER. MAY BE OMITTED IF REDUCING TEE IS USED.
⑧	No. 4 BAR, CONT.
⑨	4" THICK CONCRETE COLLAR



1



2

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.

(v)

RESERVED

NOT TO SCALE



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FINAL DEVELOPMENT PLAN
**HCA LEE'S SUMMIT
MEDICAL CENTER**
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

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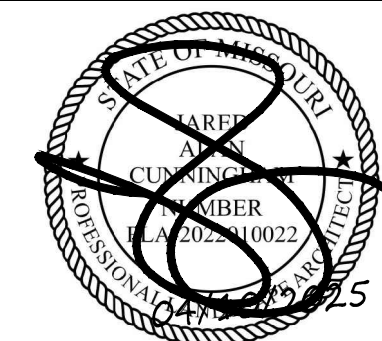
DRAWING TITLE

SITE DETAILS

PROJECT NUMBER	20240037
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DRAWING NUMBER

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MEDICAL CENTER
2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

FACILITY NUMBER
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2025/04/10
SCALE:	1:20
DRAWN:	AP
REVIEWED:	JP
JOB NUMBER:	6406.24

LANDSCAPE PLAN

DP-L1.0

RELEASED FOR CONSTRUCTION
As Noted on Plan Review

Development Services Department
Lee's Summit, Missouri

08/21/2025

Catalyst

**LEE'S SUMMIT
MEDICAL CENTER**
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LEE'S SUMMIT, MO 64063

FINAL DEVELOPMENT PLAN
HCA LEE'S SUMMIT
MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

DRAWING TITLE

LANDSCAPE PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER
DP-L1.0

PLANT SCHEDULE

CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	
TREES						
APB	1	Acer palmatum 'Bloodgood' / Bloodgood Japanese Maple	#30	1.5"	8-10'	
CCF	3	Cercis canadensis 'Forest Pansy' TM / Forest Pansy Redbud	B&B	1.5"	7-8'	
CCR	3	Cercis canadensis 'JN2' TM / The Rising Sun Eastern Redbud	B&B	1.5"	7-8'	
JCB	1	Juniperus chinensis 'Blue Point' / Blue Point Juniper	B&B/Cont.		8'	
LSR	2	Liquidambar styraciflua 'Suecoidolba' TM / Round-Lobed Sweet Gum	B&B	2.5"	12-14'	
QP	1	Quercus phellos / Willow Oak	B&B	2.5"	12-14'	
SHRUBS						
IVL	6	Itea virginica 'Little Henry' TM / Virginia Sweetspire	#3		15-18"	
JB2	36	Juniperus conferta 'Blue Pacific' / Blue Pacific Juniper	#1		12-15"	
PVN	59	Panicum virgatum 'Northwind' / Northwind Switch Grass	#1		15-18"	
TD	5	Taxus x media 'Densiformis' / Dense Yew	#5		24"	
CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	SPACING
GROUND COVERS / PERENNIALS						
CE	47	Carex oshimensis 'Everillo' / Everillo Japanese Sedge	#1		12"	16" o.c.

LANDSCAPE KEYNOTES

CODE	DESCRIPTION	DET #/SHT #
L1	PLANTING BED LIMITS	1 / L2.0
L2	IRRIGATION LIMITS	NOTES / L2.0
L3	AREA TO BE SEEDED	SPECS
L4	AREA TO BE SODDED	SPECS
L5	AREA TO BE GRAVEL MULCH	5 / L3.0

SITE FURNISHINGS KEYNOTES

CODE	DESCRIPTION	MANUFACTURER / MODEL
☐SF1	BENCH	LANDSCAPE FORMS / PFG BENCH - BACKED
☐SF2	TRASH RECEPTACLE	LANDSCAPE FORMS / PFG RECEPTACLE

LEGEND

LIMITS OF IRRIGATION	
STORM PIPE & INLET	
PROPOSED CONTOUR ELEV.	 90

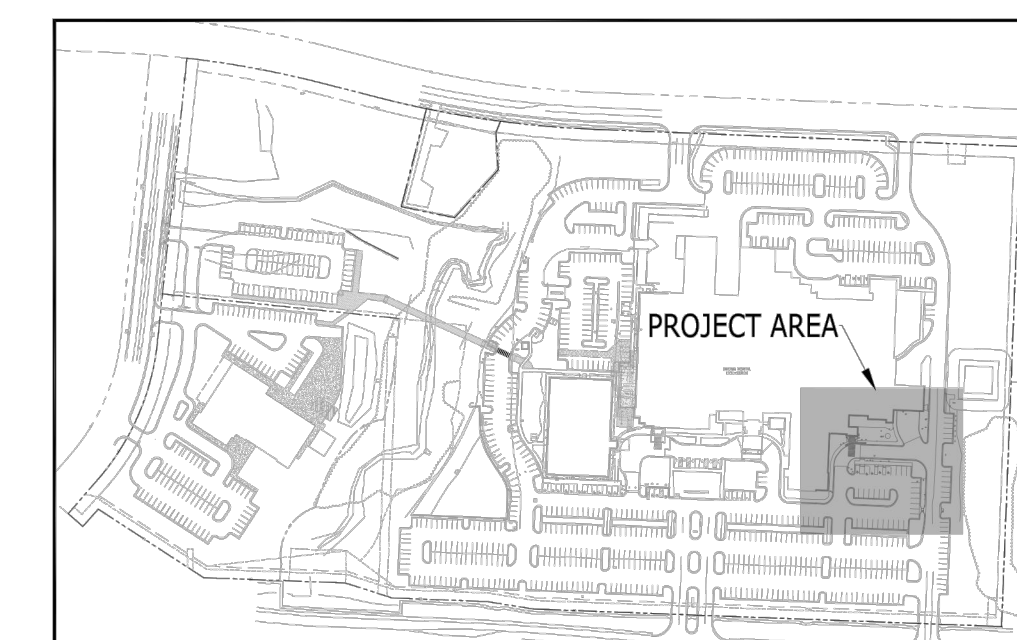
LANDSCAPING REQUIREMENTS

SEC. 8.790.A - STREET FRONTAGE
NA - NO STREET FRONTAGE ASSOCIATED WITH ADDITION

SEC. 8790.B - OPEN YARDS
2 SHRUBS / 5,000 S.F. OF TOTAL LOT AREA
12,661 S.F. PROJECT LOT AREA / 5,000 x 2 = 6 SHRUBS REQ
11 SHRUBS PROVIDED

8.810 PARKING LOT TREES
5% OF PARKING AREA LANDSCAPE AREA
4,330 S.F. PARKING LOT, DRIVEWAY x .05 = 217 S.F. LANDSCAPE ISLANDS REQ
303 S.F. LANDSCAPE ISLANDS PROVIDED

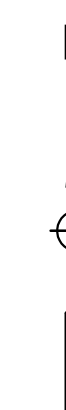
8.820 PARKING LOT SCREENING
NA - PARKING AREA DOES NOT FRONT ROW



KEY MESSAGE
NOT TO COME



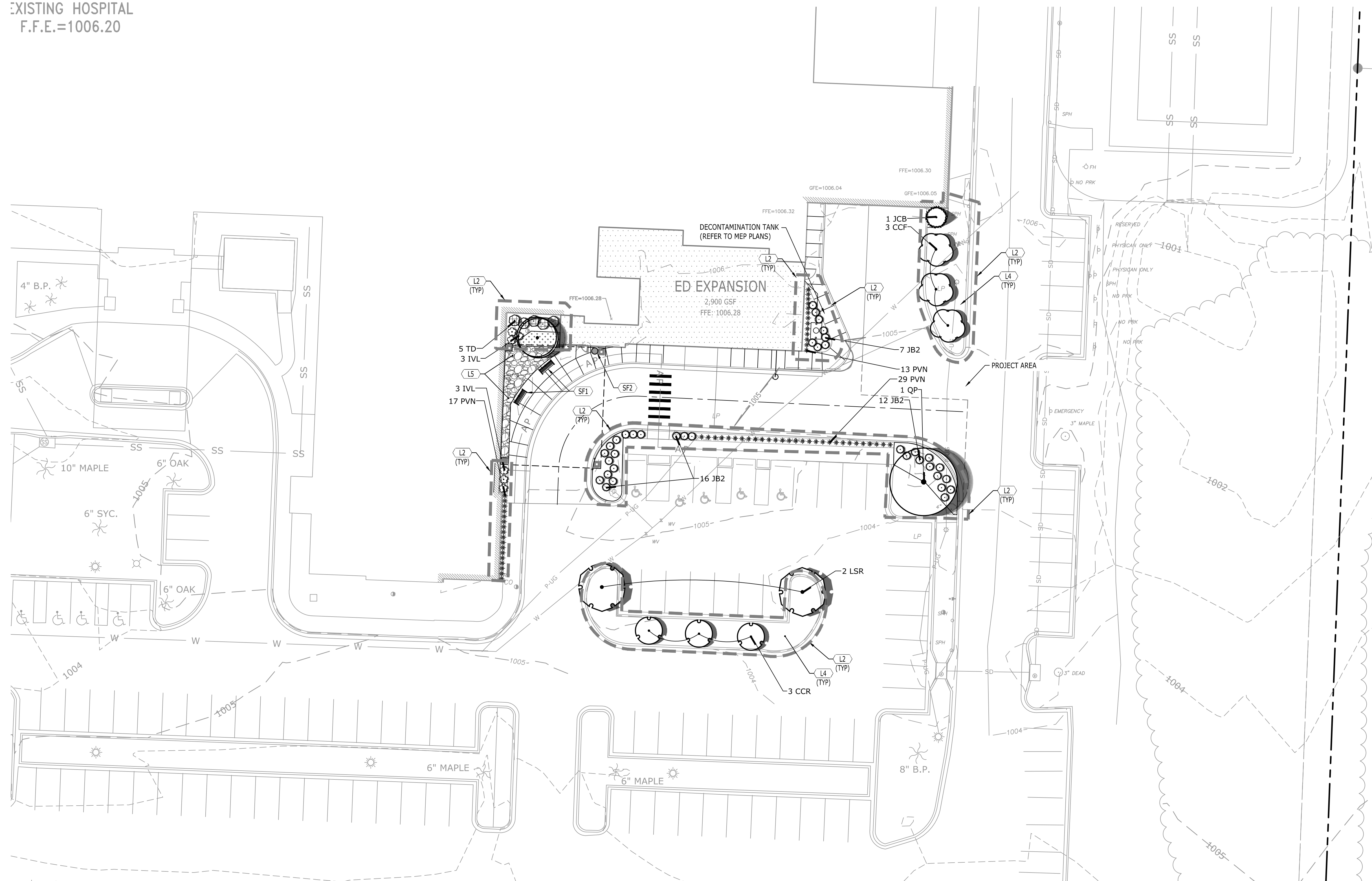
Know what's below
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0 10 20 40

GRAPHIC SCALE

EXISTING HOSPITAL
F.F.E.=1006.20



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As Noted on Plan Review

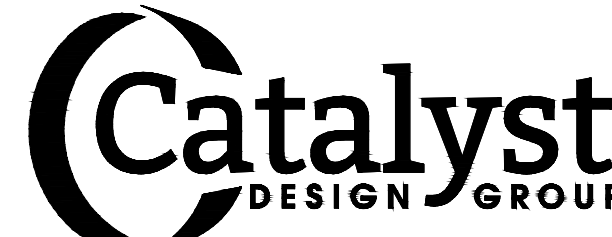
Development Services Department
Lee's Summit, Missouri

08/21/2025

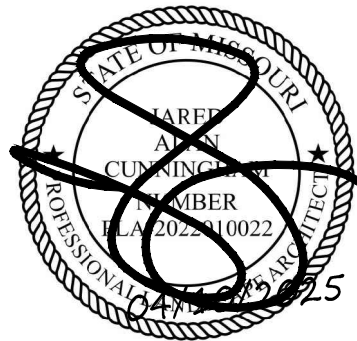


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LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
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MISSOURI DHS

FACILITY NUMBER:
097240009

AGENCY APPROVALS:
AGENCY

REVISIONS

REV #	DESCRIPTION	DATE
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DATE: 2025/04/10
SCALE: 1:20
DRAWN: AP
REVIEWED: JP
JOB NUMBER: 6406.24

TREE CONSERVATION PLAN

DP-L2.0



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(615) 622-7200 | WWW.CATALYST-DG.COM

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FINAL DEVELOPMENT PLAN
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JACKSON COUNTY

DRAWING TITLE
TREE CONSERVATION
PLAN

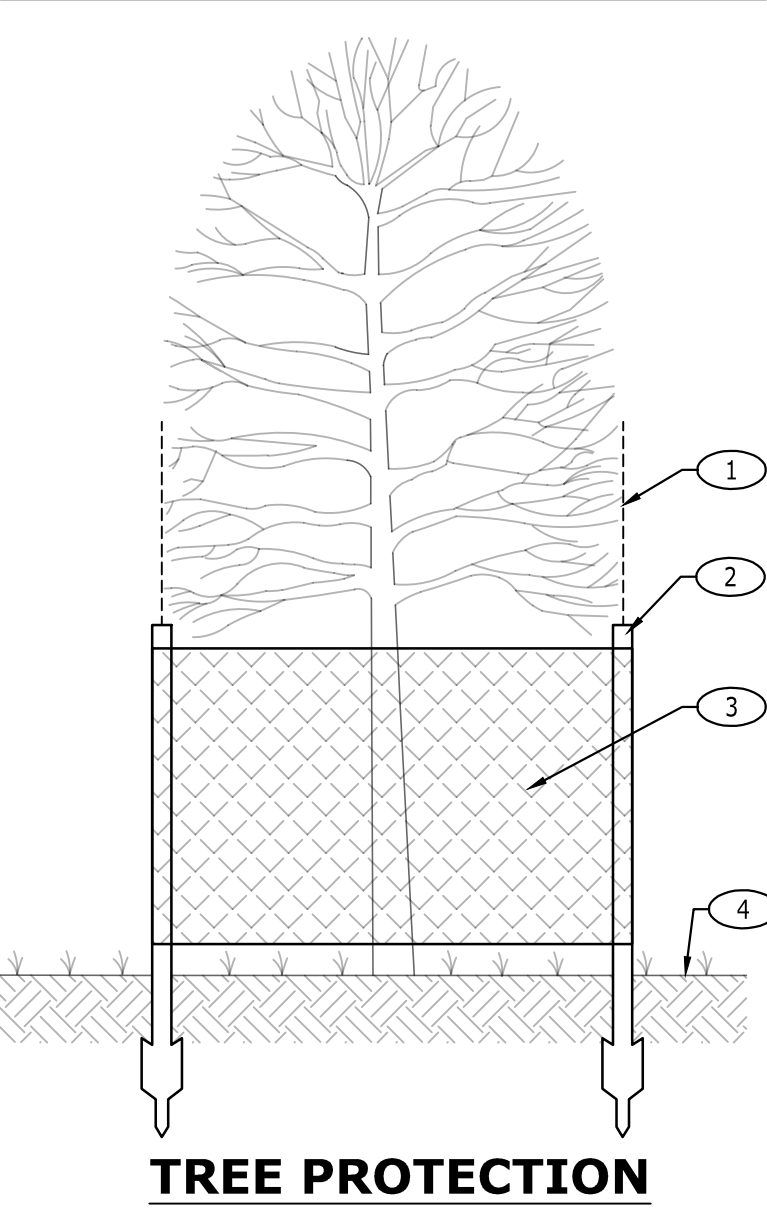
PROJECT NUMBER
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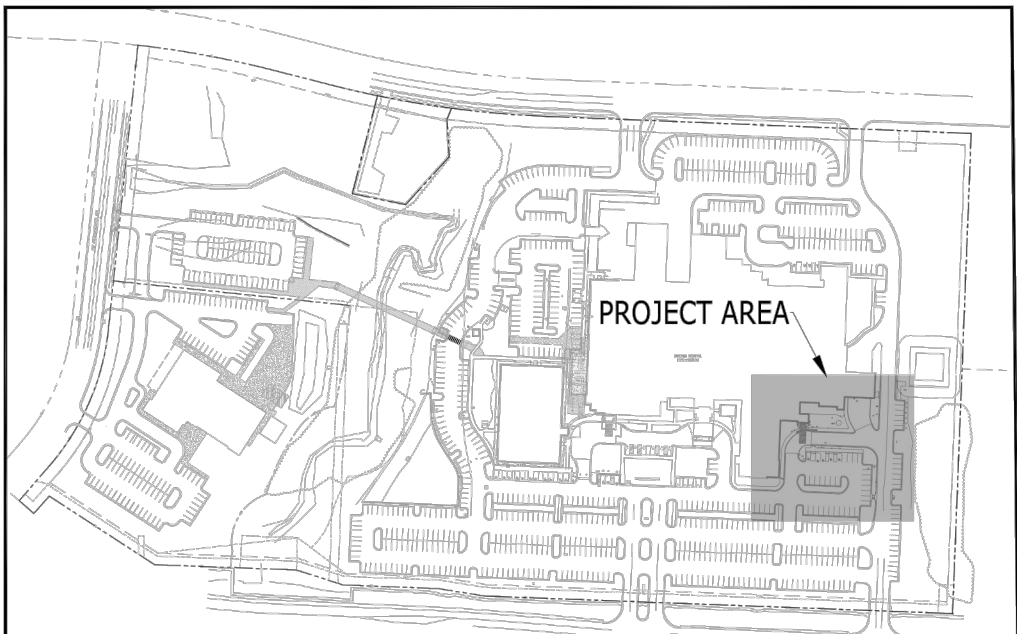
DP-L2.0

KEYNOTES	
CODE	DESCRIPTION
①	DRIP LINE OF TREE(S) (TYP)
②	METAL FENCE POST (TYP)
③	4" HIGH CHAIN LINK FENCE. INSTALL FENCE AT THE DRIP LINE OF TREES TO BE PRESERVED. FENCE SHALL BE REMOVED AT THE END OF THE CONSTRUCTION PERIOD.
④	EXISTING GROUND

NOTE:
NO STORAGE OF MATERIALS SHALL BE ALLOWED WITHIN OR AGAINST THE TREE PROTECTION FENCING.



TREE PROTECTION

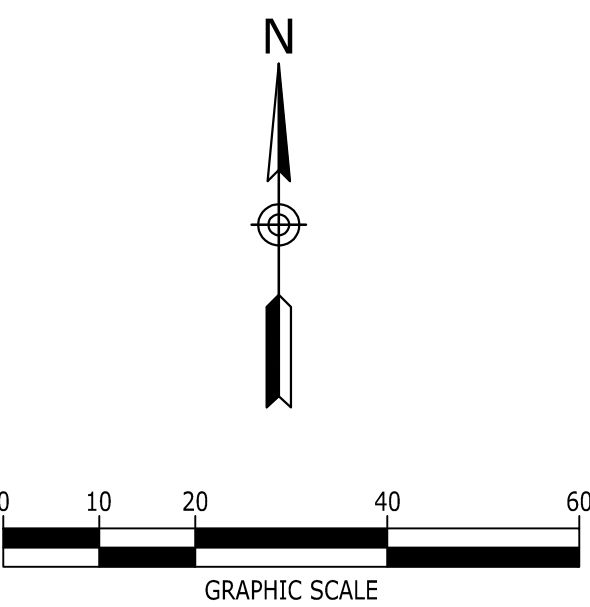


KEY MAP
NOT TO SCALE

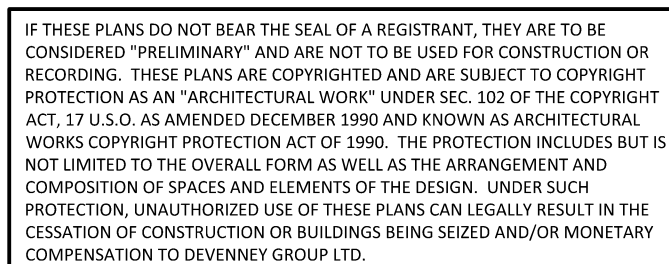
LEGEND	
SIGNIFICANT TREE TO BE REMOVED	X
OTHER TREE TO BE REMOVED (NOT SIGNIFICANT)	X
LIMITS OF DISTURBANCE	
TREE PROTECTION FENCE	



Know what's below.
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P:\2024\20240037 - Devenney - HCA Lee's Summit Medical Center - Med Surg Exp\dwg\Construction\EXPANSION\20240037_TPR.dwg-DP-L2.0 TREE CONSERVATION PLAN Apr 10, 2025 willisard



HCA - LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

AGENCY APPROVALS:
AGENCY

1. LANDSCAPE CONTRACTOR TO PROVIDE IRRIGATION SYSTEM ON A DESIGN/BUILD ARRANGEMENT FOR AREA NOTED ON THE PLAN. CONTRACTOR TO PREPARE DESIGN DRAWINGS IN ACCORDANCE WITH PERFORMANCE SPECIFICATIONS CONTAINED IN THE PROJECT MANUAL AND SUBMIT SAME FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO CONFIRM ADEQUATE PRESSURE EXISTS TO OPERATE SYSTEM PRIOR TO INSTALLATION.
3. IRRIGATION SPRINKLER HEADS SHALL BE MANUFACTURED BY EITHER TORO OR RAIBOIRD. IRRIGATION CONTROLLER SHALL BE TORO VISION II MODEL OR APPROVED EQUIVALENT.
4. MAIN LINE TO BE CLASS 200 PVC PIPE. LATERAL LINES TO BE CLASS 150 PVC.
5. IRRIGATION SYSTEM TO BE OPERATIONAL BEFORE PLANTING MATERIALS MAY BE INSTALLED IN PLANTING BEDS.
6. INSTALL SPRINKLER HEADS ACCORDING TO MANUFACTURERS SPECIFICATIONS. FLUSH ALL LINES BEFORE INSTALLING NOZZLES.
7. WIRE CONNECTIONS TO BE MADE BY USING RAIBOIRD MODEL ST-103/PT-ST SNAP-TITE CONNECTIONS.
8. LEAVE 18 INCHES OF ADDITIONAL WIRE AT EACH VALVE LOCATION. ROLL WIRE INTO COIL AT EACH LOCATION.
9. ALL VALVES SHALL BE LOCATED IN AMATEX 10 INCH CIRCULAR VALVE BOXES WITH COVER, OR EQUIVALENT.
10. IRRIGATION CONTRACTOR TO COORDINATE PLACEMENT OF REQUIRED SLEEVES WITH GENERAL CONTRACTOR PRIOR TO PAVING AND CONCRETE INSTALLATION BEING COMPLETED.

NOT TO SCALE

GROUNDCOVER PLANTING

GRAVEL MULCH BED

NOT TO SCALE

SPADED BED EDGE

NOT TO SCALE

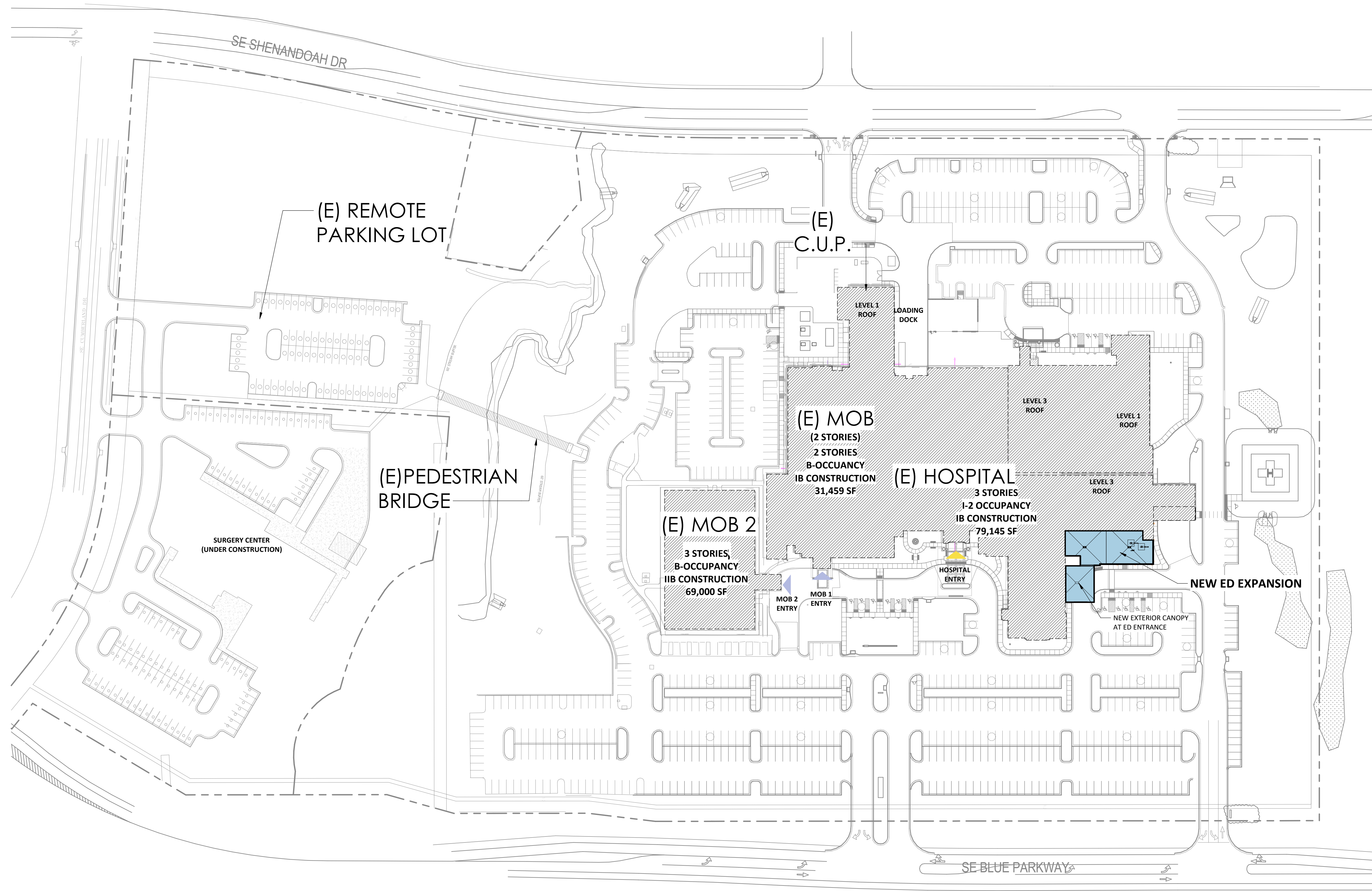
NOTES:

1. SCARIFY THE EDGES OF THE EXCAVATED PIT AND TAKE ALL NECESSARY MEASURES TO ASSURE ADEQUATE DRAINAGE.
2. TO ENSURE SUCCESSFUL ESTABLISHMENT OF ALL TREES PLANTED OUTSIDE THE LIMITS OF IRRIGATION EVERY SUCH TREE SHALL BE FITTED WITH A SLOW-RELEASE WATERING SYSTEM SUCH AS "TREEGATOR BAGS" OR AN APPROVED EQUAL.
3. AS PART OF THE MAINTENANCE PLAN IT IS RECOMMENDED THAT ALL TREES OUTSIDE THE LIMITS OF IRRIGATION BE WATERED A MAXIMUM OF TWO TIMES PER WEEK DURING DRY SEASONS AND ONE TIME PER WEEK DURING WET SEASONS FOR A MINIMUM OF TWO YEARS FROM THE DATE OF INSTALLATION.
4. IT IS THE OWNER'S RESPONSIBILITY TO COORDINATE AND SCHEDULE TREE MAINTENANCE.



CANOPY TREE PLANTING

● ● ● ● ●



REFER TO CIVIL DRAWINGS
FOR PARKING SUMMARY

RELEASED FOR CONSTRUCTION
As Noted on Plan Review

Development Services Department
Lee's Summit, Missouri
08/21/2025

PRELIMINARY
NOT FOR
CONSTRUCTION

ED EXPANSION

HCA - LEE'S SUMMIT MEDICAL
CENTER
2100 SE BLUE PKWY LEE'S
SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE: 03/07/25
SCALE: 1/64" = 1'-0"
DRAWN: JV, LL
REVIEWED:
JOB NUMBER: 6406.24.0003

ARCHITECTURAL SITE PLAN

DP-AS001



RELEASED FOR CONSTRUCTION
As Noted on Plan Review

Development Services Department
Lee's Summit, Missouri

08/21/2025



Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rv123/MEP_LSMC ED Expansion_R23.rvt



Luminaire Schedule				
Symbol	Qty	Label	Description	Tag
⊙	4	MSF LED P1 40K VW WOLVT	MSF LED P1 40K VW WOLVT	21
⊙	12	EYOF 40-40 AK WMD L&S	EYOF 40-40 AK WMD L&S	23

Calculation Summary				
Label	CalcType	Units	Avg	Max
CANOPY	Illuminance	FC	28.08	35.8
STISWALK	Illuminance	FC	5.52	11.2

GENERAL NOTES

- A. REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHT OF ALL WIRING DEVICES
B. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES.
C. REFER TO SHEET E08-01 FOR LIGHT FIXTURE SCHEDULES
D. CONTRACTORS SHALL USE FMC TRANSITIONS FROM EMT AT BUILDING EXPANSION JOINTS WHEN APPLICABLE. FMC ROUTING SHALL BE PROVIDED TO ALLOW LATERAL AND VERTICAL ADJUSTMENTS IN LINE WITH COORDINATE EXACT LOCATIONS OF EXPANSION JOINTS WITH ARCHITECTURAL DRAWINGS

LEGEND NOTES

RELEASED FOR CONSTRUCTION
As Noted on Plan Review

Development Services Department
Lee's Summit, Missouri
08/21/2025

Devenney
GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
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T: 602.943.8950

www.devenneygroup.com

Consultant:

wsp

300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

INTERIM REVIEW ONLY

These documents are preliminary, and are released for interim review only and are not intended for regulatory approval, permit, or construction purposes.
Engineer: KENNY SUSAN WHITELER
Exp. Reg. No. PE-2017000220
Date: 03/07/25
Firm: WSP USA Corp. 2013001881

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ED EXPANSION

HCA - LEE'S SUMMIT MEDICAL
CENTER
2100 SE BLUE PKWY LEE'S
SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS

REV #	DESCRIPTION	DATE
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DATE: 03/07/25
SCALE: 1/8" = 1'-0"
DRAWN: WSP
REVIEWED: WSP
JOB NUMBER: U50040241.3707

SITE PLAN - PHOTOMETRICS

DP-E01-01



1 SITE PLAN - ELECTRICAL
1/8" = 1'-0"

GENERAL NOTES

- REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHT OF ALL WIRING DEVICES
- REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES
- REFER TO SHEET E00-01 FOR LIGHT FIXTURE SCHEDULES
- CONTRACTORS SHALL USE FMC TRANSITIONS FROM EXIT AT BUILDING EXPANSION JOINTS WHEN APPLICABLE. FMC ROUTING SHALL BE PROVIDED TO ALLOW LATERAL AND VERTICAL ADJUSTMENTS IN LINE WITH COORDINATE EXACT LOCATIONS OF EXPANSION JOINTS WITH ARCHITECTURAL DRAWINGS

LEGEND NOTES

- CONNECT TO EXISTING EXTERIOR LIFE SAFETY CIRCUIT AND CONTROL PREVIOUSLY SERVING THIS AREA

RELEASED FOR CONSTRUCTION
As Noted on Plan Review

Development Services Department
Lee's Summit, Missouri
08/21/2025



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Consultant:



300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

INTERIM REVIEW ONLY

These documents are preliminary, and are not intended for regulatory review, permit, or construction purposes.
Engineer: KENDY SUZAN WYNN, P.E.
Exp. No.: PE-2023-000120
Date: 03/07/25
Firm: WSP USA Corp. 2013001881

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ED EXPANSION

HCA - LEE'S SUMMIT MEDICAL
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2100 SE BLUE PKWY LEE'S
SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS

REV #	DESCRIPTION	DATE
-------	-------------	------

DATE: 03/07/25
SCALE: 1/8" = 1'-0"
DRAWN: WSP
REVIEWED: WSP
JOB NUMBER: U50040241.3707

SITE PLAN - ELECTRICAL

DP-E01-02

ELECTRICAL LUMINAIRE FIXTURE SCHEDULE

ELECTRICAL LUMINAIRE FIXTURE SCHEDULE																		
TYPE	PHYSICAL DESCRIPTION							ELECTRICAL SPECIFICATIONS							MANUFACTURER INFORMATION			
	DESCRIPTION	LOCATION	HOUSING	REFLECTOR	SHIELDING	FINISH	MOUNTING	COLOR TEMP	LAMP	LUMENS	HOURS	VA	UNITS	BALLAST / DRIVER	VOLTAGE	MANUFACTURER	CATALOG NUMBER	REMARKS
M3	6" LED DOWNLIGHT WITH 45 DEGREE CUT OFF	CANOPY	16 GA. GALVANIZED STEEL CONSTRUCTION	HIGH-IMPACT, FROSTED POLYCARBONATE LENS	LIGHT ENGINE AND DRIVER ACCESSIBLE THROUGH APERTURE	MATTE WHITE SELF-FLANGED, SEMI-SPECULAR FINISH	RECESSED GYPSUM BOARD OR LAY IN CEILING	4,000	LED	4,000	60000	15	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	GOTHAM	#EVO6-4040 AR LSS MWI MVOLT G210	
Z1	LED TRAPEZOIDAL WALL PACK WITH PHOTOCELL, WIDE DISTRIBUTION	EXTERIOR	DIE CAST ALUMINUM, DIE-CAST DOOR FRAME, WITH SOLD SILICONE GASKET, IP65	N/A	FULL CUTOFF	THERMOSET POWDER COAT FINISH, DARK BRONZE, CONFORM WITH ARCHITECT	WALL MOUNTED, REFER TO ARCHITECTURAL FOR MOUNTING HEIGHT	4,000	N/A	1,500	100000	11	EACH	LED DRIVER	120	LITHONIA	#WST LED P1 40K VW MVOLT PE DB8XD	

EXIST: H1NLD										NORMAL									
LOCATION: MAIN BUS: 225 A MCB: 150A VOLTAGE: 120/208 WYE AIC AVAILABLE: AIC RATING: 10000 A					FED FROM: WIRES: 4W + G ENCLOSURE: NEMA 1 BUS TYPE: COPPER MOUNTING: SURFACE PANEL LUGS: MCB NUMBER OF SECTIONS: 2					NEUTRAL BUS: YES GROUND BUS: YES ISOLATED GROUND BUS: NO 200% NEUTRAL: NO FEED THROUGH LUGS: YES POLES PER SECTION: 42									
CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS / POLES	A B C	CIRCUIT BREAKER POLES /	TOTAL LOAD (VA)	DESCRIPTION	CKT NO.											
1	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	2										
3	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	4										
5	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	6										
7	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	8										
9	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	10										
11	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	12										
13	EXISTING LOAD	--	20	1	1	20	--	SPARE	14										
15	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	16										
17	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	18										
19	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	20										
21	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	22										
23	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	24										
25	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	26										
27	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	28										
29	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	30										
31	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	32										
33	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	34										
35	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	36										
37	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	38										
39	EXISTING LOAD	--	20	1	1	20	--	SPARE	40										
41	EXISTING LOAD	--	20	1	1	20	--	SPARE	42										
43	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	44										
45	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	46										
47	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	48										
49	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	50										
51	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	52										
53	LIGHT - CANOPY	90	20	1	1	20	--	SPARE	54										
55	EXISTING LOAD	--	20	1	1	20	--	SPARE	56										
57	EXISTING LOAD	--	20	1	1	20	--	SPARE	58										
59	EXISTING LOAD	--	20	1	1	20	--	SPARE	60										
61	EXISTING LOAD	--	20	1	1	20	--	SPARE	62										
63	SPARE	--	20	1	1	20	--	SPARE	64										
65	SPARE	--	20	1	1	20	--	SPARE	66										
67	SPARE	--	20	1	1	20	--	SPARE	68										
69	SPARE	--	20	1	1	20	--	EXISTING LOAD	70										
71	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	72										
73	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	74										
75	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	76										
77	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	78										
79	EXISTING LOAD	--	20	1	1	20	--	EXISTING LOAD	80										
81	EXISTING LOAD	--	20	1	1	20	--	SPARE	82										
83	SPARE	--	20	1	1	20	--	SPARE	84										
0 A / 0 A / 1 A																			
LOAD CLASSIFICATION		CONNECTED LOAD (VA)	ESTIMATED DEMAND (VA)		PANEL TOTALS														
LIGHT		90	113																
					EXISTING CONNECTED LOAD:														
					REMOVED CONNECTED LOAD:														
					ADDED CONNECTED LOAD:														
					TOTAL CONNECTED LOAD:														
					TOTAL ESTIMATED DEMAND:														
					KVA	AMPS													
					31.4	87.1													
					0	0													
					0.1	0.2													
					31.5	87.4													
					31.5	87.5													
NOTES: EXISTING LOAD IS BASED ON 30 DAY METERING LOAD FROM 06/05/2024 - 07/05/2024 X 1.25.																			

EXIST: H1CLD										CRITICAL									
LOCATION: MAIN BUS: 225 A MCB: 150A VOLTAGE: 120/208 WYE AIC AVAILABLE: AIC RATING: 10000 A					FED FROM: WIRES: 4W + G ENCLOSURE: NEMA 1 BUS TYPE: COPPER MOUNTING: SURFACE PANEL LUGS: MCB NUMBER OF SECTIONS: 2					NEUTRAL BUS: YES GROUND BUS: YES ISOLATED GROUND BUS: NO 200% NEUTRAL: NO FEED THROUGH LUGS: YES POLES PER SECTION: 42									
CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS / POLES	A	B	C	CIRCUIT BREAKER POLES /	TOTAL LOAD (VA)	DESCRIPTION	CKT NO.									
1	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	2								
3	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	4								
5	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	6								
7	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	8								
9	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	10								
11	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	12								
13	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	14								
15	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	16								
17	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	18								
19	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	20								
21	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	22								
23	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	24								
25	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	26								
27	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	28								
29	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	30								
31	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	32								
33	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	34								
35	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	36								
37	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	38								
39	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	40								
41	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	42								
43	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	44								
45	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	46								
47	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	48								
49	EXISTING LOAD	--	20	1			1	20	500	ED SIGN	50								
51	EXISTING LOAD	--	20	1			1	20	500	ED SIGN	52								
53	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	54								
55	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	56								
57	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	58								
59	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	60								
61	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	62								
63	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	64								
65	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	66								
67	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	68								
69	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	70								
71	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	72								
73	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	74								
75	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	76								
77	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	78								
79	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	80								
81	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	82								
83	EXISTING LOAD	--	20	1			1	20	--	EXISTING LOAD	84								
5 A / 5 A / 0 A																			
LOAD CLASSIFICATION		CONNECTED LOAD (VA)		ESTIMATED DEMAND (VA)				PANEL TOTALS											
MISC		1,000		1,000															
								EXISTING CONNECTED LOAD: 26.9 74.7											
								REMOVED CONNECTED LOAD: 0 0											
								ADDED CONNECTED LOAD: 1 2.8											
								TOTAL CONNECTED LOAD: 27.9 77.4											
								TOTAL ESTIMATED DEMAND: 27.9 77.4											
NOTES: EXISTING LOAD IS BASED ON 30 DAY METERING LOAD FROM 06/05/2024 - 07/05/2024 X 1.25.																			

COPPER FEEDER SCHEDULE 600V MAX.	
FEEDER TAG & AMPERE RATING	FEEDER DESCRIPTION
15.3, 20.3 15.4, 20.4	3#12, 1#12 G, 3/4" C 3#12, 1#12 N, 1#12 G, 3/4" C
25.3, 30.3 25.4, 30.4	3#10, 1#10 G, 3/4" C 3#10, 1#10 N, 1#10 G, 3/4" C
35.3, 40.3 35.4, 40.4	3#8, 1#10 G, 3/4" C 3#8, 1#8 N, 1#10 G, 3/4" C
45.3, 50.3 45.4, 50.4	3#6, 1#10 G, 3/4" C 3#6, 1#6 N, 1#10 G, 1"