

LANDSCAPING CALCULATIONS

PATH TREES:
 PATH TREES REMOVED: 3
 PATH TREES REPLACED: 3

OPEN SPACE TREES:
 REQUIRED: 1 CANOPY OR SHADE TREE PER 1000 FT² OF ADDED IMPERVIOUS AREA AND 1 CANOPY OR SHADE TREE PER 2500 FT² OF ADDED BUILDING FLOOR AREA

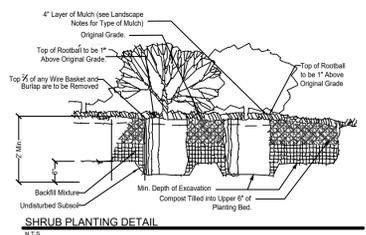
IMPERVIOUS AREA REMOVED: 2771.30 FT²
 IMPERVIOUS AREA ADDED: 4030.20 FT²
 TOTAL IMPERVIOUS AREA ADDED: 1258.90 FT²
 TREES REQUIRED: 1.26 (2)

BUILDING FLOOR AREA ADDED: 4300
 TREES REQUIRED: 1.72 (2)

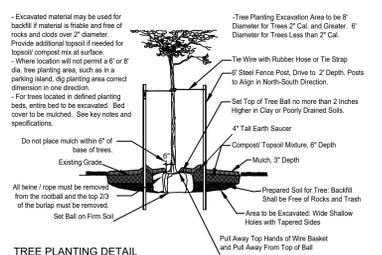
TOTAL TREES PLACED ON SITE: 7

- TREE LIST:**
- 1) 2" BLACK CHERRY - 5' CANOPY
 - 2) 3" PECAN - 10' CANOPY
 - 3) 4" ELM - 20' CANOPY
 - 4) 3" ELM - 15' CANOPY
 - 5) 3" ELM - 15' CANOPY
 - 6) 4" SMOKETREE - 10' CANOPY
 - 7) 6" BALD CYPRESS - 20' CANOPY
 - 8) 5" BALD CYPRESS - 15' CANOPY REMOVED
 - 9) 6" MAPLE - 20' CANOPY REMOVED
 - 10) 6" MAPLE - 20' CANOPY
 - 11) 5" OAK - 10' CANOPY
 - 12) 4" OAK - 15' CANOPY
 - 13) 5" BALD CYPRESS - 10' CANOPY
 - 14) 4" OAK - 15' CANOPY
 - 15) 5" BALD CYPRESS - 15' CANOPY
 - 16) 4" MAPLE - 10' CANOPY REMOVED
 - 17) 6" MAPLE - 15' CANOPY REMOVED

PLANT WARRANTY
 LANDSCAPE MUST BE GUARANTEED FOR TWO YEARS



- TREES**
1. EXCAVATION FOR TREE PITS SHALL BE 8" IN DIAMETER. CIRCLE TO BE CENTERED ON TREE AND TRUE IN FORM.
 2. STAKE ALL TREES BY USING THREE METAL FENCE POST STAKES AND THREE TIES. DRIVE STAKES APPROXIMATELY 6" OUTSIDE OF TREE ROOTBALL AND AN EQUAL DISTANCE FROM TREE TRUNK.
 3. ALL PRESERVED MATURE TREES ON THE SITE SHALL HAVE A MULCH RING ADDED AROUND THE TRUNK.
 4. ALL PLANTING HOLES FOR TREES AND SHRUBS SHALL BE BACKFILLED WITH AMENDED SOIL FREE OF SOD.
 5. ALL LANDSCAPE TREES PLANTED TO MEET STREET TREE, MITIGATION TREE OR OTHER LANDSCAPE CODE REQUIREMENTS MUST BE SINGLE STEM, MINIMUM 2" CALIPER TREES. NO DOUBLE OR TRIPLE STEM TREES WILL BE COUNTED TOWARDS MEETING REQUIREMENTS.
 6. IF PLANTING MATERIAL IS TO BE BAB THEN THE BAB MUST BE NATURAL FIBERS AND NOT SYNTHETIC.



- LANDSCAPING**
1. PREPARE TOPSOIL FOR SHRUB AND GROUND COVER BEDS BY TILLING A 2 INCH LAYER (65 CF PER 1000 SQ. FT.) OF COMPOST INTO THE UPPER 6 INCHES OF SOIL.
 2. ALL PLANTING BEDS THAT ADJUT LAWN AREAS TO BE BORDERED BY STEEL EDGING.
 3. SOLID SLAB SOD BERMUDA GRASS OR BERMUDA SEED TO BE PLANTED IN ALL TURF AREAS.
 4. TOPSOIL DEPTH SHALL BE MINIMUM 18" IN ALL SHRUB AND GROUND COVER BEDS.
 5. APPLY 3" OF ORGANIC MULCH TO ALL SHRUB AND GROUND COVER BEDS.
 6. APPLY 1/2 POUND OSMOCOTE 8-6-12 EVENLY OVER CULTIVATED AREA AROUND EACH TREE AND 1 POUND PER 100 SQUARE FEET TO SHRUB AND GROUND COVER PLANTINGS.
 7. IRRIGATION SHALL BE EITHER UNDERGROUND AUTOMATIC SYSTEM.
 8. TREAT ALL LANDSCAPE AREAS TO CONTROL WEED GROWTH PRIOR TO STARTING CONSTRUCTION.
 9. ALL LANDSCAPE BEDS SHALL BE FREE OF SOD AND MULCH SHALL COVER THE BARE SOIL TO EASE MAINTENANCE.
 10. DIG DOWN THE EDGE OF ALL BEDS WHERE THEY ARE ADJACENT TO WALLS, WALKWAYS OR CURBS, SO THAT THE WALL, WALKWAY, OR CURB WILL WORK AS A BED EDGE TO CONTAIN THE MULCH OR GRAVEL.
 11. PLANTING BEDS SHALL HAVE AMENDED SOIL TO INSURE THE HEALTH OF THE PLANT MATERIALS.

PLANT LIST

QTY	SYM	COMMON NAME/ BOTANICAL NAME	ROOT	MIN. SIZE	NOTES
3	SM	LITTLE GEM MAGNOLIA Magnolia Grandiflora "LITTLE GEM"	B&B	2.5" CAL. 6' TALL	PATH TREE REPLACED LARGE CANOPY
4	RO	SOUTHERN RED OAK Quercus falcata	B&B	2.5" CAL. 6' TALL	OPEN SPACE TREES LARGE CANOPY

IRRIGATION NOTE:
 PROTECT EXISTING IRRIGATION DURING CONSTRUCTION. REMOVE AND CAP COMPONENTS AS NECESSARY. FULLY RESTORE, RECONNECT, AND TEST THE SYSTEM UPON COMPLETION.



ENGINEER: GB
 DRAWN BY: MW

STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 REG. NO. 9810
 REG. EXPIRES 12/31/2026
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 ARKANSAS ENGINEER
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REVISIONS

DATE	REVISIONS
11/06/25	SKETCH PLAN FOR REVIEW
11/26/25	1ST SUBMITTAL
01/14/26	2ND SUBMITTAL
01/28/26	3RD SUBMITTAL
02/05/26	ADDED ROOF DRAIN
02/05/26	PLOTTED CONSTRUCTION PLAN
02/18/26	UPDATES TO TITLE BLOCK
02/19/26	ADDED NOTE REGARDING IRRIGATION

MANA HEALTH BUILDING ADDITION
 SDP / PIP

LANDSCAPE PLAN - OVERALL

ROGERS, ARKANSAS

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PROJECT NO. 16-260
 DRAWING NO. LP1