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CONSTRUCTION PLANS FOR HAWTHORNE PARK IMPROVEMENTS PROJECT NO. PR 25-3 CITY OF TULSA, OKLAHOMA DEPARTMENT OF PARKS, CULTURE, & RECREATION

CITY OF TULSA DETAILS:

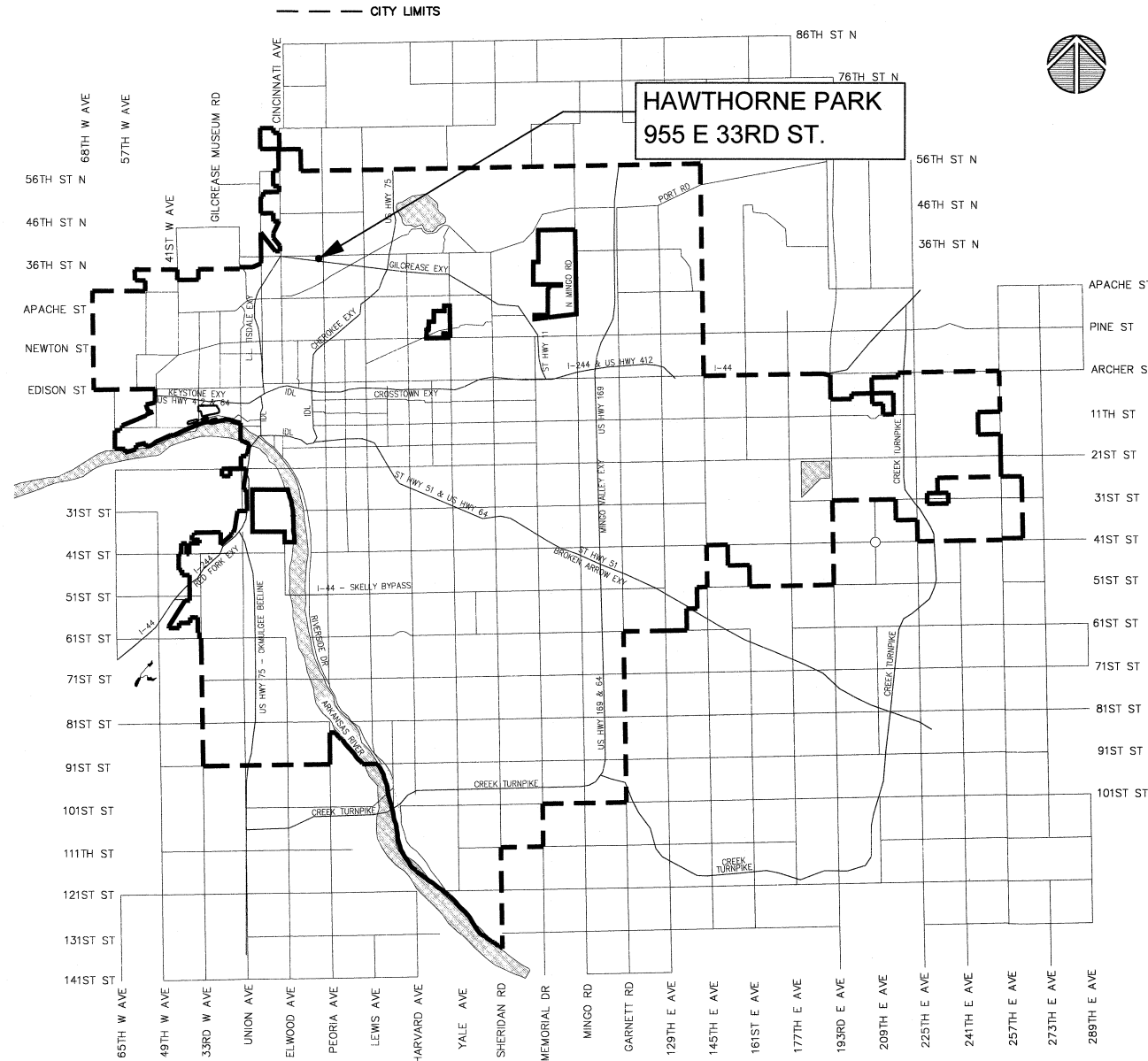
- #102 PROJECT SIGN
- #126 SILT FENCE
- #729 CONCRETE PAVEMENT
- #824 BIKE RACK

LPCI PROJECT NO. 730-CoT Supervisory CP24-22



ONE CALL UTILITY LOCATION NUMBER
(800) 522-6543

THIS NUMBER IS TO BE USED FOR INFORMATION ON THE LOCATION OF ALL UNDERGROUND UTILITIES. CONTACT THIS NUMBER AND OTHER SPECIFIED NUMBERS IN THE PLANS PRIOR TO ANY EXCAVATION.



PLANS PREPARED BY
LANDPLAN CONSULTANTS, INC.
1110 WEST 23RD ST.
TULSA, OK. 74107
(918) 584-6464



BY

Julie Graff 3/16/26
DATE
JULIE GRAFF, ASLA
REGISTERED LANDSCAPE ARCHITECT #382

APPROVED BY
J.P. Ball 5/27/2026
DATE
CITY ENGINEER

Anna Ball 5/29/2026
DATE
PARKS DIRECTOR

UTILITY COORDINATION BOX	
	NUMBER
WATER DESIGN	918-596-9566
WASTEWATER DESIGN	918-596-9564
TRANSPORTATION DESIGN	918-596-9636
TRAFFIC ENGINEERING DESIGN	918-596-9744
STORMWATER DESIGN	918-596-9498
OKLAHOMA NATURAL GAS - TIM HELBIG	918-831-8387
COX COMMUNICATION - JASON HOLT	918-830-7238
PSO / AEP - LONNY HICKS	918-250-6211
AT&T DISTRIBUTION - WAYNE GROOM	918-527-7309
AT&T TRANSMISSION - KEVIN WINGUARD	580-931-7866
PARKS MAINTENANCE	918-596-2486

GENERAL CONSTRUCTION NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE 2019 OKLAHOMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AS ADOPTED BY CITY OF TULSA AND THE CURRENT CITY OF TULSA ENGINEERING SERVICES DEPARTMENT'S STANDARD SPECIFICATIONS AND STANDARD DETAILS AND STANDARD DRAWINGS AND CITY OF TULSA SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS GOVERNING SAFETY, HEALTH AND SANITATION. THE CONTRACTOR SHALL PROVIDE ALL SAFEGUARDS, SAFETY DEVICES AND PROTECTIVE EQUIPMENT, AND TAKE ANY OTHER NEEDED ACTION ON AS HIS OWN RESPONSIBILITY OR AS THE ENGINEER MAY DETERMINE REASONABLY NECESSARY TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACT.
3. PAY ITEMS SHALL BE AS SPECIFIED ON THE CITY OF TULSA OR ON THE ODOT STANDARD DRAWINGS EXCEPT AS MODIFIED BY THE CONTRACT.
4. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM THEIR FAILURE TO LOCATE AND PRESERVE ANY AND ALL UTILITIES.
5. THE LOCATIONS OF THE UTILITIES ARE SHOWN ACCORDING TO ALL AVAILABLE INFORMATION. THE CONTRACTOR SHALL NOTIFY EACH UTILITY OWNER PRIOR TO COMMENCEMENT OF WORK TO VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS. THE FOLLOWING IS A LIST OF UTILITY OWNERS; AT&T, PUBLIC SERVICE COMPANY OF OKLAHOMA (AEP), OKLAHOMA NATURAL GAS (ONG), COX COMMUNICATIONS, MCI/VERIZON, EASYTEL COMMUNICATIONS, WELLSCO VALLOR TELECOM, CITY OF TULSA-WATER AND SEWER, CITY OF TULSA-TRAFFIC OPERATIONS. SEE TITLE SHEET FOR CONTACT INFORMATION.
6. THE CONTRACTOR SHALL GIVE THE NOTIFICATION CENTER OF OKLAHOMA ONE-CALL SYSTEM, INC. NOTICE OF ANY EXCAVATION NO SOONER THAN TEN DAYS NOR LATER THAN 48 HOURS , EXCLUDING SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS, PRIOR TO THE COMMENCEMENT OF WORK. PHONE 1-800-522-6543.
7. THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS TO PREVENT EXCESS MOISTURE FROM INCLEMENT WEATHER OR OTHER SOURCES FROM ENTERING ANY STREET EXCAVATION. IF EXCESS MOISTURE DOES ENTER THE EXCAVATION THROUGH THE NEGLIGENCE OF THE CONTRACTOR AND THE ADJOINING PAVEMENT IS ADVERSELY EFFECTED BY THE EXCESS MOISTURE, THE CONTRACTOR SHALL REPLACE THE ADJOINING PAVEMENT AND SUBBASE AT THEIR SOLE EXPENSE.
8. THE CONTRACTOR SHALL PRESERVE THE INTEGRITY OF THE SANITARY SEWER STRUCTURES AND ALL OTHER UTILITY STRUCTURES WITHIN THE PROJECT EXTENTS.
9. THE CONTRACTOR SHALL WORK IN COOPERATION WITH THE CITY OF TULSA TO ESTABLISH, INSTALL, MAINTAIN, AND OPERATE COMPLETE, ADEQUATE, AND SAFE TRAFFIC CONTROLS DURING THE ENTIRE CONSTRUCTION PERIOD. ALL FLAGPERSONS, BARRICADES, AND TRAFFIC CONTROL DEVICES SHALL BE APPROVED BY THE FIELD ENGINEERING REPRESENTATIVE.
10. CONSTRUCTION SIGNAGE WILL BE INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT ADDITION, AND APPLICABLE ODOT STANDARD DRAWINGS. THE CONTRACTOR SHALL PROVIDE A PROPOSED TRAFFIC CONTROL PLAN FOR APPROVAL BY THE ENGINEER PRIOR TO BEGINNING WORK.
11. THE CONTRACTOR SHALL NOTIFY THE CITY OF TULSA FIELD ENGINEERING, 918-596-9565, A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WORK OR PRIOR TO REMOVING TRAFFIC SIGNS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL EXISTING TRAFFIC SIGNS AND MARKINGS REMOVED OR DAMAGED AS LISTED IN THE SIGNAGE SCHEDULE FOR THE PROJECT. ALL SIGNS AND POLES PROVIDED SHALL BE NEW AND UNDAMAGED AND SHALL MEET THE REQUIREMENTS OF COT SPECIFICATION 608 TRAFFIC SIGNS. ALL TRAFFIC MATERIALS REMOVED SHALL BE HANDLED PER COT SPECIFICATION 625 REMOVAL OF TRAFFIC ITEMS.
13. THE CONTRACTOR WILL BE RESPONSIBLE FOR PREPARATION AND DISTRIBUTION OF A WRITTEN NOTICE TO RESIDENTS 48 HOURS PRIOR TO BEGINNING PAVEMENT REMOVAL AND MILLING AND OVERLAY OPERATIONS.
14. LOCAL AND THROUGH TRAFFIC SHALL BE MAINTAINED THROUGH THE PROJECT AT ALL TIMES.
15. ALL PUBLIC AND PRIVATE STREETS AND DRIVES SHALL BE ACCESSIBLE AT ALL TIMES.
16. ALL BROKEN CONCRETE, WASTE MATERIAL, AND OTHER DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE LIMITS OF THE PROJECT AND DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR THE DISPOSAL OF THIS MATERIAL.
17. ALL EXCAVATED MATERIAL NOT REQUIRED IN THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN A MANNER ACCEPTABLE TO THE ENGINEER WITHOUT COST TO THE CITY. THE CONTRACTOR WILL BE REQUIRED TO OBTAIN AN EARTH CHANGE PERMIT IF ANY MATERIAL IS STORED ON THE PROJECT SITE AND/OR DISPOSED OF WITHIN THE CITY LIMITS.
18. ALL TREES, BRUSH AND OTHER DEBRIS THAT MIGHT INTERFERE WITH THE FLOW OF WATER IS TO BE CLEANED OUT TO THE RIGHT-OF-WAY LINE IN A MANNER APPROVED BY THE ENGINEER. ALL COST TO BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF WORK. TREES OUTSIDE THE FILL SLOPES AND THE TOP OF CUT SLOPES SHALL NOT BE DISTURBED EXCEPT WITH THE WRITTEN APPROVAL OF THE ENGINEER.
19. WHERE MATERIALS ARE TRANSPORTED IN THE PROSECUTION OF WORK, VEHICLES SHALL NOT BE LOADED BEYOND THE CAPACITY RECOMMENDED BY THE VEHICLE MANUFACTURER OR AS PRESCRIBED BY ANY FEDERAL, STATE OR LOCAL LAW OR REGULATION.
20. ANY DAMAGE TO THE ROADWAY PAVEMENT, CURB, DRIVEWAYS OR SIDEWALK CAUSED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED TO THE ENGINEER'S SATISFACTION AND SHALL BE ACCOMPLISHED AT THE CONTRACTOR'S SOLE EXPENSE. ALL DISTURBED ITEMS SHALL BE REPAIRED TO MATCH EXISTING MATERIALS AND PATTERNING.
21. IF THE CONTRACTOR ENCOUNTERS VOIDS WHEN PATCHING STREETS, THE CONTRACTOR SHALL CALL ROBERT FRANK FROM PUBLIC WORKS AT 918-596-7814 FOR AN INSPECTION BEFORE PROCEEDING WITH WORK.
22. THE PROJECT SHALL BE CONSTRUCTED WITH CONTINUOUS FLOW OF MATERIAL SUPPLIED TO THE PROJECT SUCH THAT THE LAYDOWN MACHINE WILL REMAIN IN MOTION. ANY DELAY IN FORWARD PROGRESSION OF THE LAYDOWN MACHINE MAY REQUIRE A TRANSVERSE JOINT AS DIRECTED BY THE ENGINEER.
23. NO FLY ASH IS ALLOWED TO BE USED ON THIS PROJECT.
24. PHYSICAL TESTING FOR QUALITY ASSURANCE SHALL BE FURNISHED BY THE CITY.
25. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY QUALITY CONTROL TESTING TO ENSURE THAT PROJECT REQUIREMENTS ARE MET.
26. MASONRY STRUCTURES SHALL NOT BE CONSTRUCTED WITHIN THE STREET RIGHT-OF-WAY.
27. ALL CONCRETE CURB AND GUTTERS SHALL BE MONOLITHIC POURS. DOWELED-ON CURBS WILL NOT BE ALLOWED.
28. NO LIFTING HOLES WILL BE ALLOWED ON ANY REINFORCED CONCRETE PIPES OR REINFORCED CONCRETE BOXES.
29. CURB RAMP CONSTRUCTION SHALL COMPLY WITH THE CURRENT AMERICANS WITH DISABILITIES ACT STANDARDS.
30. REFLECTORIZED SHEETING ON SIGNS AND BARRICADES SHALL BE OF A CUBIC PRISMATIC TYPE AND SHALL MEET THE SPECIFICATIONS ESTABLISHED FOR ASTM D 4956 TYPE XI RETROREFLECTIVE SHEETING (COT SPECS 1-16-2025). REFLECTORIZED SHEETING ON DRUMS AND TUBE CHANNELIZERS SHALL BE OF A HIGH-INTENSITY TYPE AND SHALL MEET THE SPECIFICATIONS ESTABLISHED FOR ASTM D 4956-01 TYPE III RETROREFLECTIVE SHEETING.
31. ALL SANITARY AND STORM SEWER MANHOLE CASTINGS AND LIDS THAT ARE LOCATED IN THE STREET AND ARE DISTURBED BY THE CONTRACTOR SHALL BE REPLACED WITH NEW LIDS AND CASTINGS AND THE OLD ONES SHALL BE SALVAGED AND DELIVERED TO THE METAL RECYCLE BINS IN THE STOCKROOM AREA AT SEWER OPERATIONS AND MAINTENANCE, 9319 E. 42ND STREET NORTH, BETWEEN THE HOURS OF 7:30 AM AND 3:00 PM MONDAY THROUGH FRIDAY.
32. THE SIGN PLACEMENT STATIONING AND LOCATIONS SHOWN ON THE PLAN SHEETS AND SUMMARY SHEETS ARE APPROXIMATE. EXACT STATIONING AND LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR SO THAT THE SIGN IS INSTALLED IN ACCORDANCE WITH CITY OF TULSA STANDARDS, CURRENT AMERICANS WITH DISABILITIES ACT STANDARDS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES IN ORDER TO PROVIDE OPTIMUM VISIBILITY TO THE ONCOMING/APPROACHING MOTORIST. IF A PROPOSED LOCATION CONFLICTS WITH OTHER SIGNS, UTILITIES, OR OTHER ROADWAY FEATURES, THE ENGINEER SHALL BE NOTIFIED.
33. POST LENGTHS SHOWN ON SIGN SUMMARY ARE APPROXIMATE. EXACT LENGTHS SHALL BE DETERMINED BY A FIELD SURVEY CONDUCTED BY THE CONTRACTOR.
34. ALL ASPHALT STREETS THAT ARE TO BE RECONSTRUCTED SHALL BE LEFT WITH A DRIVABLE SURFACE AT ALL TIMES. THE CONTRACTOR WILL NOT BE ALLOWED TO MILL OFF ALL THE ASPHALT BEFORE EXCAVATION BEGINS.
35. THE CONTRACTOR SHALL REPLACE ANY SECTION CORNERS OR OTHER PERMANENT RIGHT OF WAY MARKERS REMOVED OR DISTURBED AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT. REPLACEMENT OF SECTION CORNERS OR ANY OTHER MONUMENTS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR AUTHORIZED TO PERFORM WORK IN THE STATE OF OKLAHOMA.
36. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL AND MAINTENANCE OF THE STORMWATER DRAINAGE. STORMWATER PONDING ON THE CONSTRUCTION SITE THAT IS THE RESULT OF CONSTRUCTION WILL NOT BE ALLOWED.
37. STRAW OR HAY BALES AS STORMWATER BEST MANAGEMENT PRACTICES ARE NO LONGER ALLOWED ON CONSTRUCTION PROJECTS.
38. THE CONTRACTOR MUST CALL 1-800-458-4251 IMMEDIATELY IF A NATURAL GAS PIPELINE IS CUT, DAMAGED, OR OTHERWISE DISTURBED.
39. PRIOR TO FINAL ACCEPTANCE, ALL EXPOSED CURB SURFACES SHALL BE CLEANED OF ALL DICOLORATION SUCH AS ASPHALT STAIN, TIRE MARKS, OR OTHER DISFIGUREMENT.
40. ALL FEATURES OF THIS PROJECT INCLUDING, BUT NOT LIMITED TO, SIDEWALKS, CURB RAMPS, AND CROSSWALKS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT, ACCESSIBILITY GUIDELINES, AND THE PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT-OF-WAY, PUBLISHED ON AUGUST 8TH, 2023 BY THE U.S. ACCESS BOARD. WHERE SPATIAL LIMITATIONS OR EXISTING FEATURES WITHIN THE LIMITS OF THE PROJECT PREVENT FULL COMPLIANCE WITH THIS ACT, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER UPON DISCOVERY OF SUCH FEATURES. THE CONTRACTOR SHALL NOT PROCEED WITH ANY ASPECT OF THE WORK, WHICH IS NOT IN FULL COMPLIANCE WITH THE ADA WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER. ANY WORK WHICH IS NOT PERFORMED WITHIN THE GUIDELINES OF THE ADA, FOR WHICH THE CONTRACTOR DOES NOT HAVE WRITTEN APPROVAL, SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
41. ALL TRENCH WIDTHS & BEDDING MATERIAL SHALL BE AS SHOWN ON COT STANDARD PIPE BEDDING DETAIL, STANDARD NO. 751. SPECIFIED TRENCH WIDTHS SHALL BE MAINTAINED FULL DEPTH FROM THE FLOWLINE TO THE GRADING TEMPLATE. THE CONTRACTOR SHALL KEEP THE OPEN TRENCH DRAINED.
42. THE CONTRACTOR SHALL NOTIFY THE METROPOLITAN TULSA TRANSIT AUTHORITY (MTTA), ERIC SMITH 918-830-0024, A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WORK, LANE CLOSURES OR PRIOR TO DETOURING TRAFFIC.
43. CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIALS IN THE FLOODPLAIN.



REVISION	BY	DATE	DRAWN	LPCI	AUG 2025
			DESIGNED	LPCI	AUG 2025
			SURVEY		
			PROJ MNGR	SM	Mar '26
			LEAD ENGR	SM	Mar 26
			FIELD MNGR	SM	5/16

PROJECT # PR 25-3 HAWTHORNE PARK IMPROVEMENTS CITY OF TULSA, OKLAHOMA DEPARTMENT OF PARKS, CULTURE, AND RECREATION <small>PLANS AND ESTIMATES PREPARED BY: LANDPLAN CONSULTANTS 1110 WEST 23rd TULSA, OK 74107 918-584-6464</small>	SHEET PAY QUANTITIES & PAY NOTES (1) 02 OF 12
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STORM WATER MANAGEMENT PLAN

SITE DESCRIPTION

PROJECT LIMITS: CITY OF TULSA, TULSA COUNTY. THE PROJECT WILL BE CONSTRUCTED IN CITY PROPERTY AT THE SOUTHWESTERN CORNER HAWTHORNE PARK ADJACENT TO THE OSAGE PRAIRIE TRAIL.

PROJECT DESCRIPTION: THIS PROJECT INCLUDES A SHELTER, BIKE RACK, MESSAGE BOARD, SIGN WALL, AND SIDEWALK CONSTRUCTION.

SUGGESTED SEQUENCE OF EROSION CONTROL ACTIVITIES:

1. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES/EXITS
2. INSTALL EROSION CONTROL MEASURES AS SPECIFIED
3. DRAINAGE STRUCTURE EXCAVATIONS, PROJECT EARTHWORK, LIGHTING TRENCHING/ FOOTINGS
4. COMPLETE DRAINAGE CULVERTS, FLUMES AND GENERAL SITE GRADING.
5. CONSTRUCT SIDEWALK AND COMPLETE FINE GRADING, COMPLETE LIGHTING INSTALL, PLACE SOD
6. COMPLETE PIPE RAILING AND SIGNAGE; APPLY STRIPING
7. REMOVE EROSION CONTROL MEASURES
8. COMPLETE FINE GRADING AT SILT FENCE LOCATIONS AND COMPLETE SOD INSTALLATION

SOIL TYPE: BATES LOAM

TOTAL AREA OF THE CONSTRUCTION SITE: .17 ACRES

ESTIMATED AREA TO BE DISTURBED: .15 ACRES

OFFSITE AREA TO BE DISTURBED: (FOR CONTRACTOR USE)

TOTAL IMPERVIOUS AREA PRE-CONSTRUCTION: .17 ACRES

TOTAL IMPERVIOUS AREA POST-CONSTRUCTION: 0.044 ACRES

POST-CONSTRUCTION RUNOFF COEFFICIENT OF THE SITE: 0.445

LATITUDE & LONGITUDE OF CENTER OF PROJECT: 36.2031° N, 95.9790° W

PROJECT WILL DISCHARGE TO:

NAME OF RECEIVING WATERS: DIRTY BUTTER CREEK

SENSITIVE WATERS OR WATERSHEDS: YES NO

303(d) IMPAIRED WATERS: YES NO

IF YES, LIST IMPAIRMENT: DEGRADED AQUATIC LIFE

LOCATED IN A TMDL: YES NO

LAKE THUNDERBIRD TMDL: YES NO

MS4 ENTITY YES NO

IF YES, LOCATION: TULSA, OKLAHOMA

NOTE: THIS SHEET SHOULD BE USED IN CONJUNCTION WITH A DRAINAGE MAP THAT ILLUSTRATES THE DRAINAGE PATTERNS/PATHWAYS AND RECEIVING WATERS FOR THIS PROJECT. THIS SHEET SHOULD ALSO BE USED WITH THE EROSION CONTROL SUMMARIES, PAY ITEMS, & NOTES.

EROSION AND SEDIMENT CONTROLS

SOIL STABILIZATION PRACTICES:

- TEMPORARY SEEDING
- PERMANENT SODDING, SPRIGGING OR SEEDING
- VEGETATIVE MULCHING
- SOIL RETENTION BLANKET
- PRESERVATION OF EXISTING VEGETATION
- HYDROMULCH / HYDROSEED

NOTE: TEMPORARY EROSION CONTROL METHODS MUST BE USED ON ALL DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR OVER 14 DAYS. METHODS USED WILL BE AS SHOWN ON PLANS, OR AS DIRECTED BY THE ENGINEER.

STRUCTURAL PRACTICES:

- STABILIZED CONSTRUCTION EXIT
- TEMPORARY SILT FENCE
- TEMPORARY SILT DIKES
- TEMPORARY FIBER LOG
- DIVERSION, INTERCEPTOR OR PERIMETER DIKES
- DIVERSION, INTERCEPTOR OR PERIMETER SWALES
- ROCK FILTER DAMS
- TEMPORARY SLOPE DRAIN
- PAVED DITCH W/ DITCH LINER PROTECTION
- TEMPORARY DIVERSION CHANNELS
- TEMPORARY SEDIMENT BASINS
- TEMPORARY SEDIMENT TRAPS
- TEMPORARY SEDIMENT FILTERS
- TEMPORARY SEDIMENT REMOVAL
- RIP RAP
- INLET PROTECTION
- TEMPORARY BRUSH SEDIMENT BARRIERS
- SANDBAG BERMS
- TEMPORARY STREAM CROSSINGS
- FLEXAMAT / ARTICULATED CONCRETE BLOCK
- COMPOSITE FILTER SOCKS
- EROSION CONTROL MATS AND BLANKETS

OFFSITE VEHICLE TRACKING:

- HAUL ROADS DAMPENED FOR DUST CONTROL
- LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN
- EXCESS DIRT ON ROAD REMOVED DAILY

NOTES:

SPECIAL CAUTION AND CARE SHALL BE TAKEN BY THE CONTRACTOR TO ENSURE THAT EROSION AND SEDIMENT FROM PROJECT CONSTRUCTION ACTIVITY SHALL NOT ENTER INTO THE CITY'S COLLECTION SYSTEM. NO CHEMICALS OR OTHER TOXINS SHALL BE USED DURING CONSTRUCTION EXCEPT THOSE IDENTIFIED BY CONSTRUCTION SPECIFICATIONS.

THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE FOLLOWING:

MAINTENANCE AND INSPECTION:

ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER FROM THE BEGINNING OF CONSTRUCTION UNTIL AN ACCEPTABLE VEGETATIVE COVER IS ESTABLISHED. INSPECTION BY THE CONTRACTOR AND ANY NECESSARY REPAIRS SHALL BE PERFORMED ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCH AS RECORDED BY A NON-FREEZING RAIN GAUGE TO BE LOCATED ON SITE. POTENTIALLY ERODIBLE AREAS, DRAINAGEWAYS, MATERIAL STORAGE, STRUCTURAL DEVICES, CONSTRUCTION ENTRANCES AND EXITS ALONG WITH EROSION AND SEDIMENT CONTROL LOCATIONS ARE EXAMPLES OF SITES THAT NEED TO BE INSPECTED.

WASTE MATERIALS:

PROPER MANAGEMENT AND DISPOSAL OF CONSTRUCTION WASTE MATERIAL IS REQUIRED BY THE CONTRACTOR. MATERIALS INCLUDE STOCKPILES, SURPLUS, DEBRIS AND ALL OTHER BY-PRODUCTS FROM THE CONSTRUCTION PROCESS. PRACTICES INCLUDE DISPOSAL, PROPER MATERIALS HANDLING, SPILL PREVENTION AND CLEANUP MEASURES. CONTROLS AND PRACTICES SHALL MEET THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AGENCIES.

HAZARDOUS MATERIALS:

PROPER MANAGEMENT AND DISPOSAL OF HAZARDOUS WASTE MATERIALS IS REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS, STATE AND FEDERAL REGULATIONS TO ENSURE CORRECT HANDLING, DISPOSAL, SPILL PREVENTION AND CLEANUP MEASURES. EXAMPLES INCLUDE BUT ARE NOT LIMITED TO: PAINTS, ACIDS, CLEANING SOLVENTS, CHEMICAL ADDITIVES, CONCRETE CURING COMPOUNDS AND CONTAMINATED SOILS.

GENERAL NOTES:

A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED TO COMPLY WITH THE OKLAHOMA POLLUTION DISCHARGE ELIMINATION SYSTEM (OPDES) REGULATIONS. THIS PLAN IS INITIATED DURING THE DESIGN PHASE, CONFIRMED IN THE PRE-WORK MEETINGS AND AVAILABLE ON THE JOB SITE ALONG WITH COPIES OF THE NOTICE OF INTENT (NOI) FORM AND PERMIT CERTIFICATE THAT HAVE BEEN FILED WITH THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ). THE PLAN MUST BE KEPT CURRENT WITH UP-TO-DATE AMENDMENTS DURING THE PROGRESSION OF THE PROJECT. ALL CONTRACTOR OFF-SITE OPERATIONS ASSOCIATED WITH THE PROJECT MUST BE DOCUMENTED IN THE SWPPP, I.E., BORROW PITS, WORK ROADS, DISPOSAL SITES, ASPHALT/CONCRETE PLANTS, ETC. THE BASIC GOAL OF STORM WATER MANAGEMENT IS TO IMPROVE WATER QUALITY BY REDUCING POLLUTANTS IN STORM WATER DISCHARGES. RUNOFF FROM CONSTRUCTION SITES HAS A POTENTIAL FOR POLLUTION DUE TO EXPOSED SOILS AND THE PRESENCE OF HAZARDOUS MATERIALS USED IN THE CONSTRUCTION PROCESS. THE PREVENTION OF SOIL EROSION, CONTAINMENT OF HAZARDOUS MATERIALS AND/OR THE INTERCEPTION OF THESE POLLUTANTS BEFORE LEAVING THE CONSTRUCTION SITE ARE THE BEST PRACTICES FOR CONTROLLING STORM WATER POLLUTION.

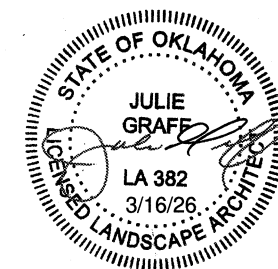
THE FOLLOWING SECTIONS OF THE 2019 ODOT STANDARD SPECIFICATIONS SHOULD BE NOTED:

- 103.05 BONDING REQUIREMENTS
- 104.10 FINAL CLEANING UP
- 104.12 CONTRACTOR'S RESPONSIBILITY FOR WORK
- 104.13 ENVIRONMENTAL PROTECTION
- 106.08 STORAGE AND HANDLING OF MATERIAL
- 107.01 LAWS, RULES AND REGULATIONS TO BE OBSERVED
- 107.20 STORM WATER MANAGEMENT
- 220 MANAGEMENT OF EROSION, SEDIMENTATION AND STORM WATER POLLUTION PREVENTION
- 221 TEMPORARY SEDIMENT CONTROL

IN ADDITION:

"ODEQ GENERAL PERMIT (OKR10) FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES WITHIN THE STATE OF OKLAHOMA." ODEQ, WATER QUALITY DIVISION, OCTOBER 18, 2022.

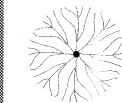



ADDITIONAL PERMITS REQUIRED FROM OKLAHOMA WATER RESOURCES BOARD AND/OR MUNICIPALITY FOR USE OF SURFACE, GROUND OR CITY WATER SOURCES FOR ACTIVITIES SUCH AS WATERING.



PROJECT # PR 25-3			
HAWTHORNE PARK IMPROVEMENTS			
CITY OF TULSA, OKLAHOMA DEPARTMENT OF PARKS, CULTURE, AND RECREATION			
PLANS AND ESTIMATES PREPARED BY:			
LANDPLAN CONSULTANTS			
1110 WEST 23rd	TULSA, OK 74107	918-584-6464	

REVISION	BY	DATE	DRAWN	LPCI	AUG. 2025

DEMOLITION PLAN LEGEND

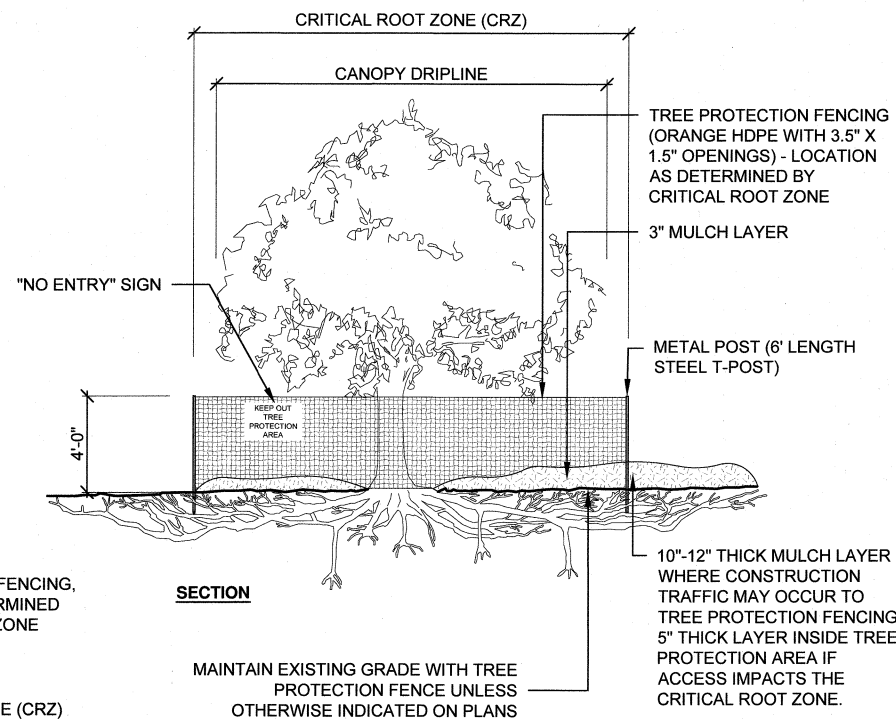
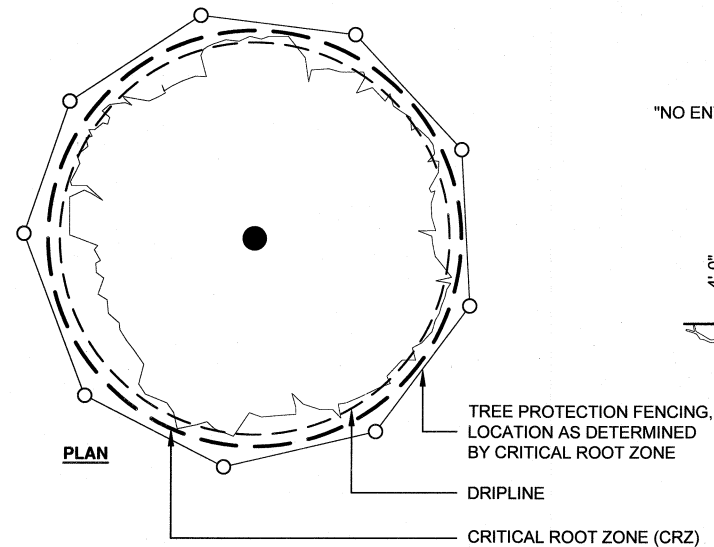
-  EX. DECIDUOUS TREE
-  SPOT ELEVATION
-  EX. POST/CABLE BARRIER
-  SILT FENCE

GENERAL NOTES:

1. CONTRACTOR TO FIELD VERIFY ALL SPOT ELEVATIONS, DIMENSIONS, SLOPE GRADIENTS, AND UTILITY LOCATIONS PRIOR TO STARTING WORK.
2. SILT FENCE SHALL BE INSTALLED BETWEEN CONSTRUCTION AREAS AND FLOOD CHANNELS OR WITHIN FLOOD PLAIN IN ALL LOCATIONS WHERE SLOPE REQUIRES. SILT FENCE AND ALL OTHER EROSION CONTROL ACTIVITIES SHALL BE PLACED AS SHOWN ON PLANS. CONTRACTOR MAY ADJUST SILT FENCE, AS NECESSARY, FOR CONSTRUCTION WITH APPROVAL OF THE FIELD ENGINEER.
3. PLACE, REMOVE, AND INSTALL TEMPORARY SEDIMENT CONTROL METHODS IN ACCORDANCE WITH COT STD 126 OF THE STANDARD SPECIFICATIONS. ALL SEDIMENT CONTROL METHODS SHALL BE REMOVED BY THE CONTRACTOR AT A TIME SPECIFIED BY THE LANDSCAPE ARCHITECT. NO EARTHWORK SHALL TAKE PLACE PRIOR TO THE INSTALLATION OF ALL EROSION CONTROL DEVICES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE INTEGRITY OF SILT FENCES AS LONG AS THEY ARE NECESSARY TO CONTAIN SEDIMENT RUNOFF. THE CONTRACTOR SHALL INSPECT ALL TEMPORARY SILT FENCES IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. IN ADDITION, THE CONTRACTOR SHALL MAKE A DAILY REVIEW OF THE LOCATION OF SILT FENCES IN AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CHANGED THE NATURAL CONTOUR AND DRAINAGE RUNOFF TO ENSURE THAT THE SILT FENCES ARE PROPERLY LOCATED FOR EFFECTIVENESS.
4. VEHICULAR TRACKING OF SEDIMENT OFF SITE OR ONTO ROADWAYS IS NOT ACCEPTABLE. CONTRACTOR SHALL COORDINATE THE LOCATION OF THE CONSTRUCTION ENTRANCE WITH THE CITY OF TULSA AT THE PRE-CONSTRUCTION MEETING.
5. NO EQUIPMENT OR MATERIALS SHALL BE STORED WITHIN THE DRIPLINE OF ANY TREE.
6. STOCKPILE EXCAVATED SOIL FOR RE-USE IN AREAS OUTSIDE FLOODPLAIN.

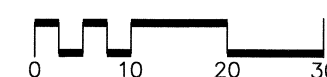
CRZ = DISTANCE MEASURED FROM THE TRUNK EQUALING 1-FOOT RADIUS FOR EVERY 1-INCH OF TREE'S DIAMETER MEASURED AT DBH.

DBH = DIAMETER AT BREAST HEIGHT MEASURED AT 4.5-FOOT ABOVE GROUND



NOTES:

1. IF TREE ROOTS 3" OR LESS WITHIN THE CRITICAL ROOT ZONE REQUIRE CUTTING THEY SHALL BE CLEAN-CUT WITH A SAW. CUTTING OF ROOTS WITHIN THE CRZ SHALL BE OBSERVED BY THE CITY'S ON-SITE REPRESENTATIVE. IF ROOTS ENCOUNTERED IN AREAS OF WORK WITHIN THE CRZ ARE LARGER THAN 3", WORK SHALL STOP IN THIS AREA AND THE ON-SITE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY. THE ON-SITE OWNER'S REPRESENTATIVE WILL NOTIFY THE URBAN FORESTER OR CITY ARBORIST TO REVIEW ON SITE WITH THE CONTRACTOR. IF IT IS DETERMINED THAT MORE THAN 30% OF THE ROOT ZONE WILL BE IMPACTED, THE TREE MAY EITHER NEED TO BE REMOVED OR A DESIGN MODIFICATION MAY BE NEEDED. IF ACCEPTABLE, THE LARGER ROOTS SHALL BE CLEAN CUT. BACKFILL THE TRENCH IMMEDIATELY FOLLOWING THE ROOT REPAIRS WITH EXISTING SOIL FILLING ALL VOIDS.
2. WHEN NEEDED, RELOCATE THE FENCE FOR CONSTRUCTION AND THEN REPLACE AS SOON AS POSSIBLE.
3. MULCH WHERE CONSTRUCTION TRAFFIC OCCURS CAN BE PROCURED FROM CITY MULCH FACILITY. MULCH FROM CITY MULCH FACILITY IS NOT TO BE USED IN ANY PLANTING BED AREAS (ONLY NEW MULCH IN PLANT BED AREAS). ONCE CONSTRUCTION IS COMPLETE, REMOVE AND DISPOSE OF MULCH FROM ACCESS ROADS AND WHERE TREES ARE IN GRASSED LOCATIONS.
4. IN TIMES OF NO RAIN, EXISTING TREES DIRECTLY IMPACTED BY THE CONSTRUCTION SHALL BE HAND WATERED OR WATERED BY MEANS OF ABOVE GROUND WATERING TO PROVIDE AT LEAST 1 1/2" OF WATER PER WEEK TO ENSURE TREES MAINTAIN THEIR SOIL MOISTURE.
5. ONCE TREE PROTECTION ZONE FENCING IS INSTALLED, CONTRACTOR SHALL NOTIFY CITY OF TULSA PARKS FOR INSPECTION PRIOR TO ANY WORK FOR APPROVAL. CITY OF TULSA PARKS SHALL SUPPLY SIGNAGE FOR TREE PROTECTION ZONE FENCING.



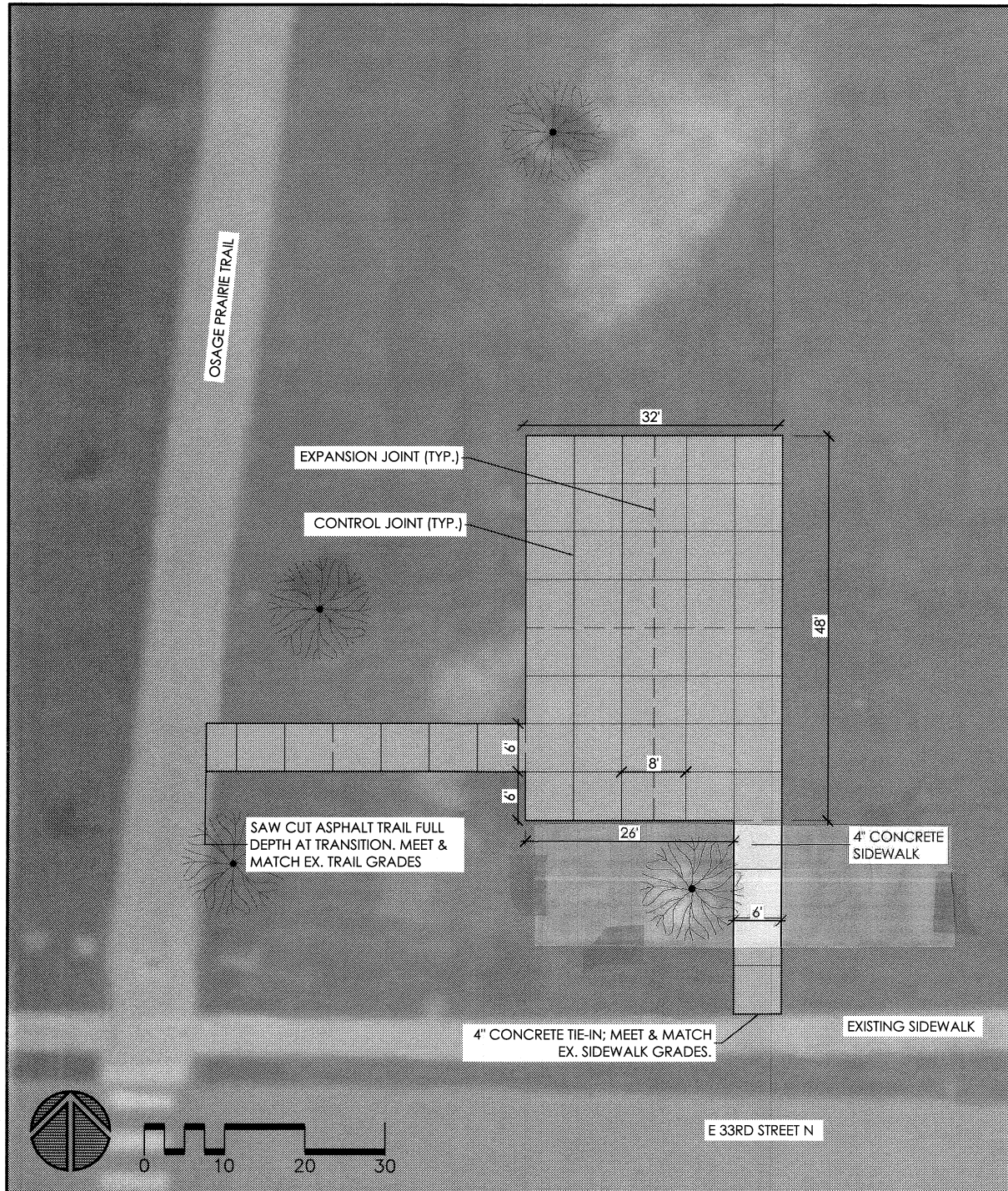
A TREE PROTECTION FENCING

05

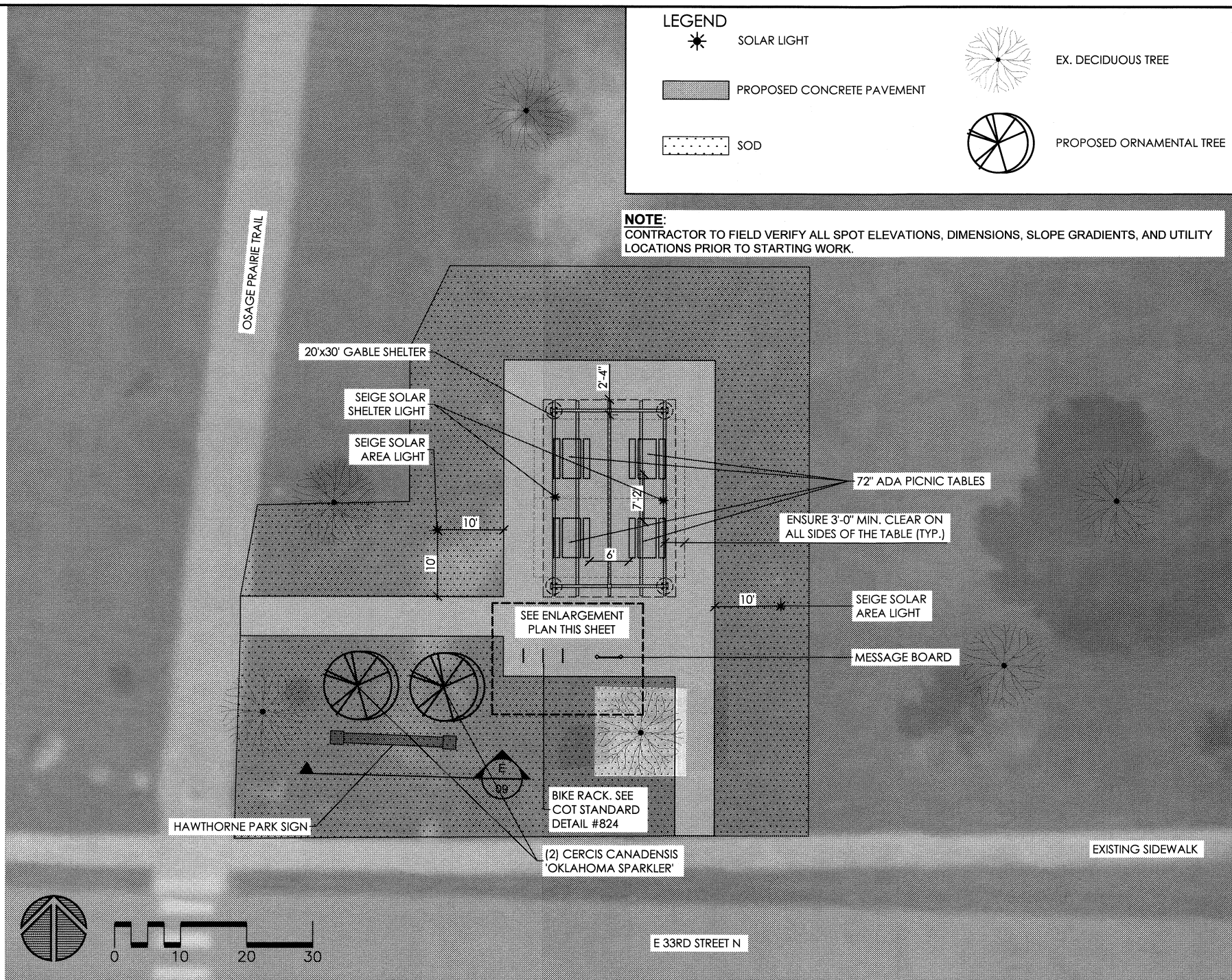
NOT TO SCALE



PROJECT # PR 25-3	
HAWTHORNE PARK IMPROVEMENTS	
CITY OF TULSA, OKLAHOMA DEPARTMENT OF PARKS, CULTURE, AND RECREATION	
PLANS AND ESTIMATES PREPARED BY: LANDPLAN CONSULTANTS 1110 WEST 23rd TULSA, OK 74107 918-584-6464	
REVISION	BY DATE
DRAWN	LPCI AUG. 2025
DESIGNED	LPCI AUG. 2025
SURVEY	
PROJ. MNGR.	SAH Mar 26
LEAD ENGR.	SAH Mar 26
FIELD MNGR.	SAH 5/26
DEMOLITION PLAN	
SHEET 05 OF 12	



A
05
JOINT LAYOUT PLAN

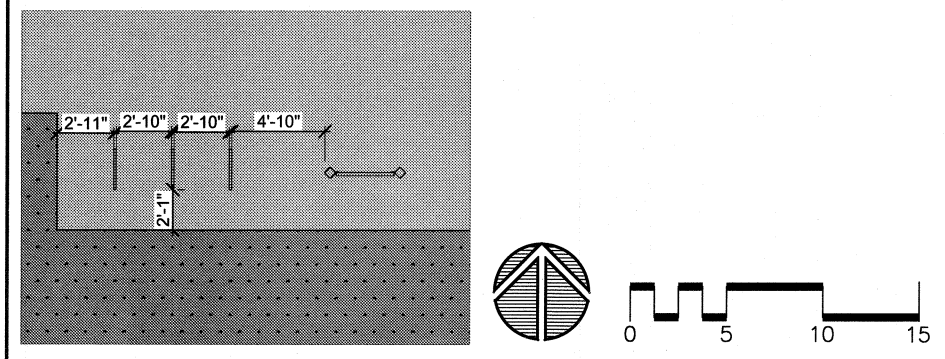


B
05
SITE LAYOUT PLAN

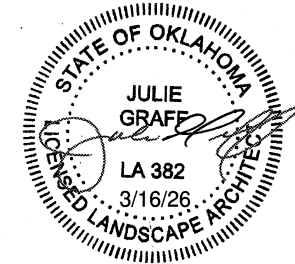
LEGEND

- SOLAR LIGHT
- PROPOSED CONCRETE PAVEMENT
- SOD
- EX. DECIDUOUS TREE
- PROPOSED ORNAMENTAL TREE

NOTE:
CONTRACTOR TO FIELD VERIFY ALL SPOT ELEVATIONS, DIMENSIONS, SLOPE GRADIENTS, AND UTILITY LOCATIONS PRIOR TO STARTING WORK.



C
05
ENLARGEMENT PLAN



PROJECT # PR 25-3
HAWTHORNE PARK IMPROVEMENTS
CITY OF TULSA, OKLAHOMA
DEPARTMENT OF PARKS, CULTURE, AND RECREATION

PLANS AND ESTIMATES PREPARED BY:
LANDPLAN CONSULTANTS
1110 WEST 23rd TULSA, OK 74107 918-584-6464



REVISION	BY	DATE	DRAWN	LPCI	DATE

DESIGNED	LPCI	AUG. 2025
SURVEY		
PROJ. MNGR.	Seth Mar 26	
LEAD ENGR.	Tom Mar 26	
FIELD MNGR.	Tom STEW	

SITE PLAN SHEET 06 OF 12

SITE FURNISHINGS SCHEDULE

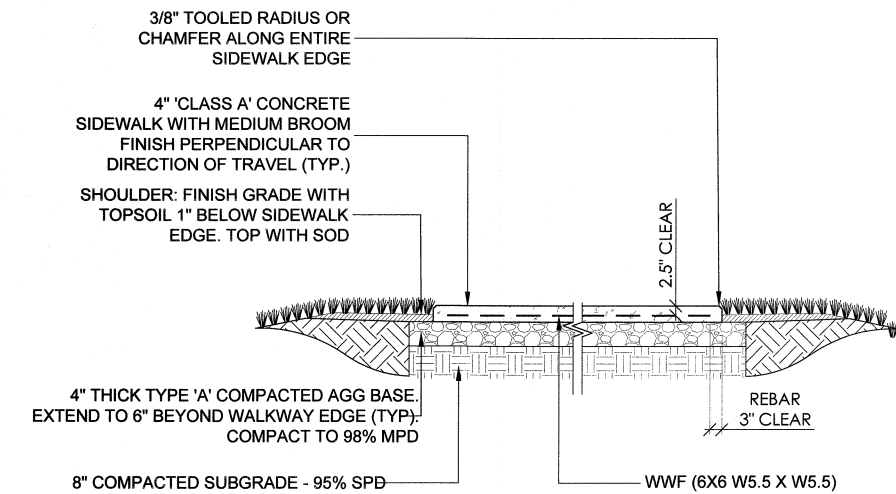
ITEM	DESCRIPTION	MANUFACTURER	CONTACT	MODEL #	COLOR	NOTES	QTY. BASE BID
A1	SEIGE SOLAR SHELTER LIGHT	Grid Shift gridshiftsolutions.com	405-673-8684	CUESTA SOL CS-SIE-SL-1515-7W	RAL1032 BROOM YELLOW	1260 LUMENS, OPTIC TYPE II, 30K COLOR TEMP, FIXTURE PROFILE BY CoT	2
A2	SEIGE SOLAR AREA LIGHT	Grid Shift gridshiftsolutions.com	405-673-8684	CUESTA SOL CS-SIE-2124-10W	PENDING CoT	1800 LUMENS, OPTIC TYPE II 30K COLOR TEMP, FIXTURE PROFILE BY CoT, REMOTE 5G ACCESS, STYLE 3, 14' LIGHT POLES	2
B	72" A.D.A. PICNIC TABLE	Tangent Technologies tangentmaterials.com	1-630-264-1110		BLACK FRAME CEDAR SLATS	SURFACE MOUNT WITH TAMPER PROOF BOLTS	4
C	MESSAGE BOARD	CoverWorx CoverWorx.net	586-486-1088	KS-0808-SW-2P	METAL ROOF- BONE WHITE STEEL FRAME- RAL1032 BROOM YELLOW	SURFACE MOUNTED, 1 SIDED	1
D	BIKE RACK	Sitescapes sitescapesonline.com	888-331-9464	Apex AP2-06-EM	ONYX	POWDER COATED, COT STD. DETAIL 824	1
E	20'x30' GABLE SHELTER	CoverWorx CoverWorx.net	586-486-1088	GA-3020-SW612-EX-SS	METAL ROOF- BONE WHITE STEEL FRAME- RAL1032 BROOM YELLOW		1

TYPICAL CLASS 'A' CONCRETE SIDEWALK CONSTRUCTION NOTES

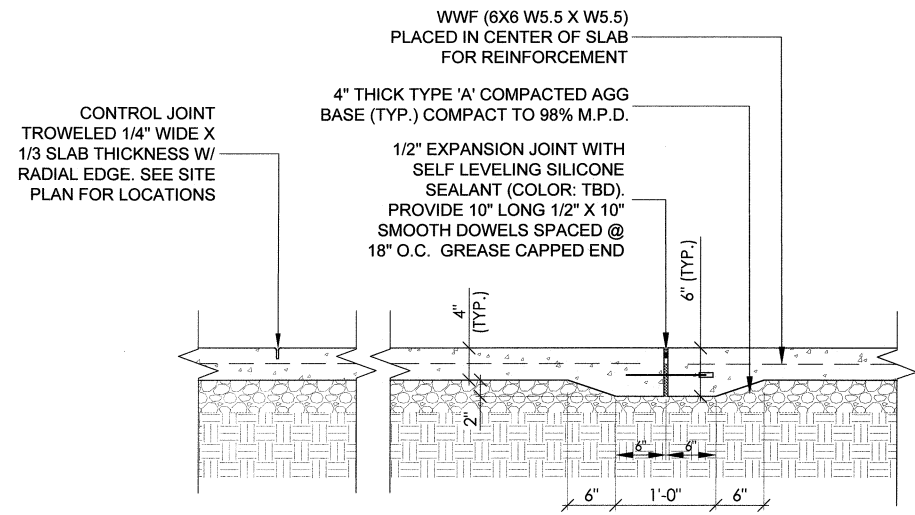
- 1) CONSTRUCT 1.5% MAX. CROSS SLOPE IN SAME DIRECTION AS GRADE UNLESS OTHERWISE DESIGNATED. MINIMUM CROSS SLOPE SHALL BE 1%.
- 2) LONGITUDINAL GRADE SHALL NOT EXCEED 5% UNLESS OTHERWISE DESIGNATED.
- 3) WHEN SETTING GRADES FOR SIDEWALK, CONTRACTOR SHALL FIELD VERIFY THAT PAVING ELEVATION WILL NOT TRAP WATER ON EITHER SIDE OF SIDEWALK AND WILL ALLOW WATER TO FLOW FREELY TO DRAIN AWAY FROM AREA.
- 4) PROVIDE CONTROL JOINTS AND SEALED EXPANSION JOINTS AT A SPACING EQUAL TO THE WIDTH OF THE PAVEMENT. SEALED EXPANSION JOINTS SHALL BE CONSTRUCTED PER CITY OF TULSA STANDARDS. SMOOTH EXPANSION JOINT DOWELS SHALL BE 1/2" X 10" UNLESS OTHERWISE SHOWN IN PLANS. GREASE CAPPED END OF DOWEL AS SHOWN IN DETAILS.
- 5) PROVIDE DOWELED EXPANSION JOINT AS SHOWN BETWEEN ALL EXISTING & PREVIOUSLY POURED CONCRETE AND NEWLY POURED CONCRETE. SLAB SHALL BE THICKENED TO 6" AT ALL EXPANSION JOINT DOWEL LOCATIONS.

FURNITURE INSTALLATION NOTES

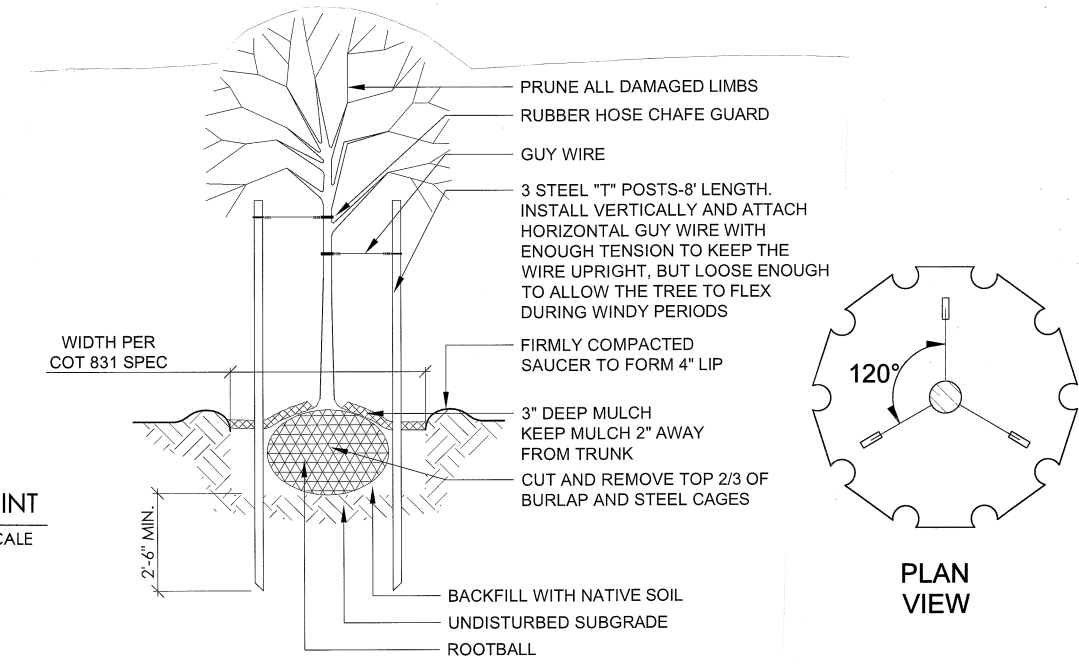
- 1) SITE FURNITURE WILL BE PURCHASED AND INSTALLED BY CONTRACTOR AS SHOWN IN PLANS.
- 2) CONTRACTOR SHALL NOT DAMAGE THE FINISH OF THE SITE FURNITURE DURING INSTALLATION.
- 3) EQUIPMENT INSTALLER SHALL MOUNT EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS. MOUNTING AND ASSEMBLY INSTRUCTIONS SHALL BE OBTAINED FROM MANUFACTURER PRIOR TO INSTALLATION. SOME ASSEMBLY REQUIRED.



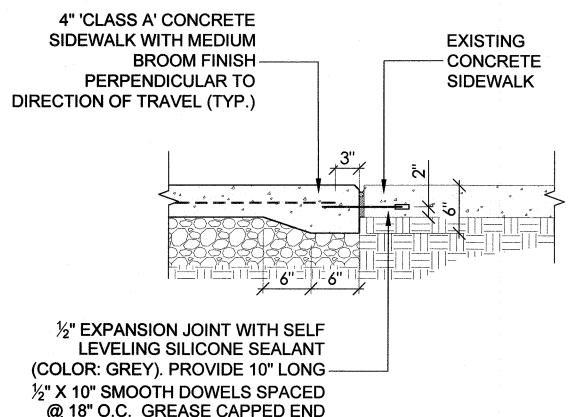
A SECTION - CONCRETE SIDEWALK
08 NOT TO SCALE



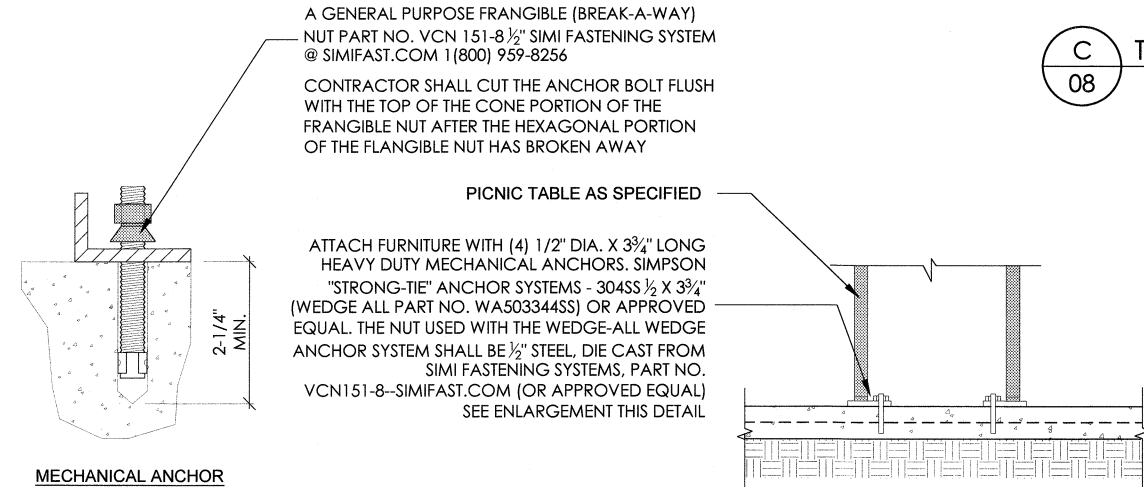
B SECTION - TYPICAL EXPANSION JOINT & CONTROL JOINT
08 NOT TO SCALE



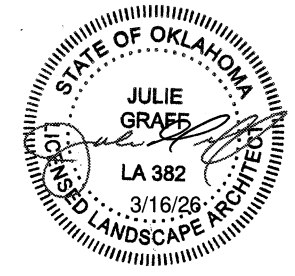
C TREE PLANTING DETAIL
08 NOT TO SCALE



D SECTION - TIE-IN TO EXISTING PAVEMENT
08 NOT TO SCALE



E SECTION - FURNITURE INSTALLATION ON CONCRETE
08 NOT TO SCALE



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DESIGNED	LPCI	AUG. 2025	
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PROJ. MGR.	SEB	Mar '26	
LEAD ENGR.	tan	May '26	
FIELD MGR.	tan	5/26	
TYPICAL DETAILS		SHEET	
		08 OF 12	



