PROJECT NARRATIVE

THE SCOPE OF THIS PROJECT IS TO CONSTRUCT A VISITOR DROP-OFF FOR THE CANNON CENTER FOR THE PERFORMIN ARTS AT 255 N POPLAR AVENUE IN MEMPHIS, SHELBY COUNTY, TENNESSEE. THE OVERALL PROJECT AREA IS APPROXIMATELY .41 ACRES IN SIZE. THE PROJECT WILL CONSIST OF THE DEMOLITION OF A PORTION OF THE EXISTING PLAZA, CONSTRUCTION OF THE NEW DROP-OFF DRIVE ALONG WITH THE ASSOCIATED DRIVE APRONS,

BECAUSE THIS PROJECT WILL DISTURB LESS THAN ONE (1) ACRE, IT WILL NOT BE COVERED UNDER A NPDES CONSTRUCTION STORM WATER GENERAL PERMIT ISSUED BY THE TENNESSEE DEPARTMENT OF ENVIRONMENTAL CONSERVATION. A SWPPP AND NOI WILL NOT BE SUBMITTED FOR THIS PROJECT.

NOTES

- 1. ATTENTION IS DRAWN TO THE FACT THAT THE SCALE OF THESE DRAWINGS MAY HAVE BEEN DISTORTED DURING T REPRODUCTION PROCESS. THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE. IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION FROM
- KIMLEY-HORN AND ASSOCIATES, INC. SHALL BE WITHOUT LIABILITY TO KIMLEY-HORN AND ASSOCIATES, INC. 2. IF ANY CONFLICTS, DISCREPANCIES, OR ANY OTHER UNSATISFACTORY CONDITIONS ARE DISCOVERED, EITHER ON THE CONSTRUCTION DOCUMENTS OR FIELD CONDITION. THE CONTRACTOR MUST NOTIFY THE ENGINEER IMMEDIATELY AND SHALL NOT COMMENCE FURTHER OPERATIONS UNTIL THE CONFLICTS, DISCREPANCIES, OR OTHER UNSATISFACTORY
- CONDITIONS ARE RESOLVED. 3. THE APPROVAL OF THESE PLANS AND THE ISSUANCE OF A STREET CUT PERMIT DOES NOT IN ANY WAY SUGGEST THAT ALL OTHER REQUIREMENTS FOR THE LEGAL OR APPROPRIATE OPERATIONS FOR THIS ACTIVITY, WHICH MAY REQUIRE ADDITIONAL PERMITTING, HAVE BEEN MET. THE ONUS IS ON THE OWNER/BUILDER/DEVELOPER TO DISCOVER WHAT ADDITIONAL PERMITTING OR APPROVALS MAY BE NECESSARY TO OPERATE FROM THIS POINT IN AN APPROPRIATE AND LEGAL MANNER. PLAN APPROVAL OR PERMIT ISSUANCE DOES NOT ABSOLVE THE APPLICANT FROM COMPLYING WITH ALL APPLICABLE LAWS, STANDARDS, OR OTHER PERMITS WHICH MAY BE REQUIRED FOR THIS PROJECT
- 4. THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE CITY OF MEMPHIS ORDINANCES. 5. THIS PROPERTY DOES NOT LIE WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD AREA, AS SHOWN ON THE FEMA FIRM PANEL 470177 0270F DATED SEPTEMBER 28, 2007.

CITY OF MEMPHIS CITY OF MEMPHIS LAND DEVELOPMENT 125 N MAIN ST SUITE 644 MEMPHIS, TN 38134 PHONE: (901) 636-6700 CONTACT: JANNIRA GREGORY



CIVIL CONSTRUCTION DOCUMENTS FO CANNON CENTER FOR TH PERFORMING ARTS-**VISITOR DROP-OFF**

255 N. MAIN STREET MEMPHIS, SHELBY COUNTY, TENNESSEE



CLIENT

RENASANT CONVENTION CENTER FOR THE PERFORMING ARTS 255 N. MAIN STREET MEMPHIS, TN 38103 PHONE: (901) 576-1200 CONTACT: DEAN DENNIS

CIVIL ENGINEER

KIMLEY-HORN AND ASSOCIATES, INC. 6750 POPLAR AVENUE SUITE 600 MEMPHIS, TN 38138 PHONE: (901) 374-9109 CONTACT: JARMON PEREGOY, P.E.

LANSCAPE ARCHITECT

KIMLEY-HORN AND ASSOCIATES, INC. 6750 POPLAR AVENUE SUITE 600 MEMPHIS, TN 38138 PHONE: (901) 374-9109 CONTACT: MICHAEL SHELTON, PLA

SURVEY

HARRIS & ASSOCIATES LAND SURVEYORS, LLC 554 GREEN TREE COVE, SUITE 102B COLLIERVILLE, TN 38017 PHONE: (901) 362-2345 CONTACT: JEFF HARRIS

PERMITTING / UTILITY CONTACTS

BUILDING DEPT.

SHELBY COUNTY CODE ENFORCEMENT 6465 MULLINS STATION ROAD MEMPHIS, TN 38134 PHONE: (901) 222-8350 CONTACT: BOBBY DECKER

ELECTRIC, GAS, AND WATER

MEMPHIS LIGHT GAS AND WATER 220 SOUTH MAIN STREET MEMPHIS, TN 38103 PHONE: (901) 528-4270 CONTACT: TOM WORD

PLANNING DEPARTMENT

CITY OF MEMPHIS DIVISION OF PLANNING AND DEVELOPMENT 65 S. FRONT STREET 125 NORTH MAIN STREET MEMPHIS, TN 38103 PHONE: (901) 636-6601 CONTACT: CHIP SALIBA

SANITARY SEWER

CITY OF MEMPHIS **DIVISION OF ENGINEERING** 125 NORTH MAIN STREET MEMPHIS, TN 38103 PHONE: (901) 636-6725 CONTACT: FARADOON QALADIZE

FIRE DEPARTMENT

MEMPHIS DIVISION OF FIRE SERVICES MEMPHIS, TN 38103 PHONE: (901) 636-1400 CONTACT: JD STINSON - INSPECTOR DARYL PAYTON - FIRE CHIEF

Kimley Worn

© 2023 KIMLEY-HORN AND ASSOCIATES, INC.

6750 POPLAR AVENUE, SUITE 600, MEMPHIS TN 38138

PHONE: 901-374-9109

WWW.KIMLEY-HORN.COM

ITEM NO.

REVISION

APPROVAL

DATE

CANNON CENTER

VISITOR DROP-OFF

OWNER: CANNON CENTER FOR THE PERFORMING ARTS

ENGINEER: KIMLEY-HORN AND ASSOCIATES, INC.

DESCRIPTION OF

CHANGE

| F | 2 | |
|---|---|--|
| | | |

| | Sheet List Table |
|-----------------|-----------------------------------|
| Sheet Number | Sheet Title |
| C0-00 | COVER SHEET |
| C0-10 | TOPOGRAPHIC SURVEY BY OTHERS |
| C0-20 | GENERAL NOTES |
| C1-00 | DEMOLITION PLAN |
| C2-00 | HARDSCAPE PLAN |
| C2-50 | SITE LAYOUT AND STAKING PLAN |
| C3-00 | GRADING AND DRAINAGE PLAN |
| C4-00 | EROSION AND SEDIMENT CONTROL PLAN |
| C5-00 | TRAFFIC CONTROL PLAN |
| C6-00 | SIGNING AND MARKING PLAN |
| C7-00 | CONSTRUCTION DETAILS |
| C7-01 | CONSTRUCTION DETAILS |
| L1-00 | LANDSCAPE PLAN |
| L1-50 | LANDSCAPE NOTES AND DETAILS |

CITY OF MEMPHIS BENCH MARK # 1406: LOCATED AT THE INTERSECTION OF DANNY THOMAS

BOULEVARD & WASHINGTON AVENUE. ELEVATION = 229.89 (NAVD88) 100 YEAR FLOOD ELEVATION 233.00± PER F.E.M.A PANEL 470177 0270F DATED SEPTEMBER 28, 2007, THIS PROPERTY IS LOCATED IN

ZONE X "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN".

SEWER BASIN ID: FS-2 DRAINAGE BASIN: GAYOSO BAYOU 1-G

DWG NO. C0-00

SHEET 1 OF 3 DIVISION OF ENGINEERING

COVER SHEET

LOCATION: 255 N MAIN STREET

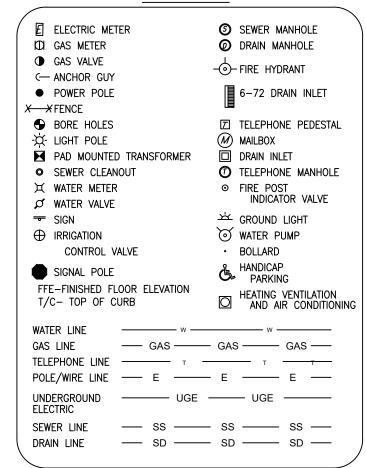
MEMPHIS, TN 38103

SURVEY HARRIS & ASSOC. DATE: 04/17/2023 BOOK: SEE SURVEY

DESIGN BY KHA DATE: 07/18/2023 SCALE: AS NOTED

DEPUTY CITY ENGINEER DATE CITY ENGINEER

LEGEND

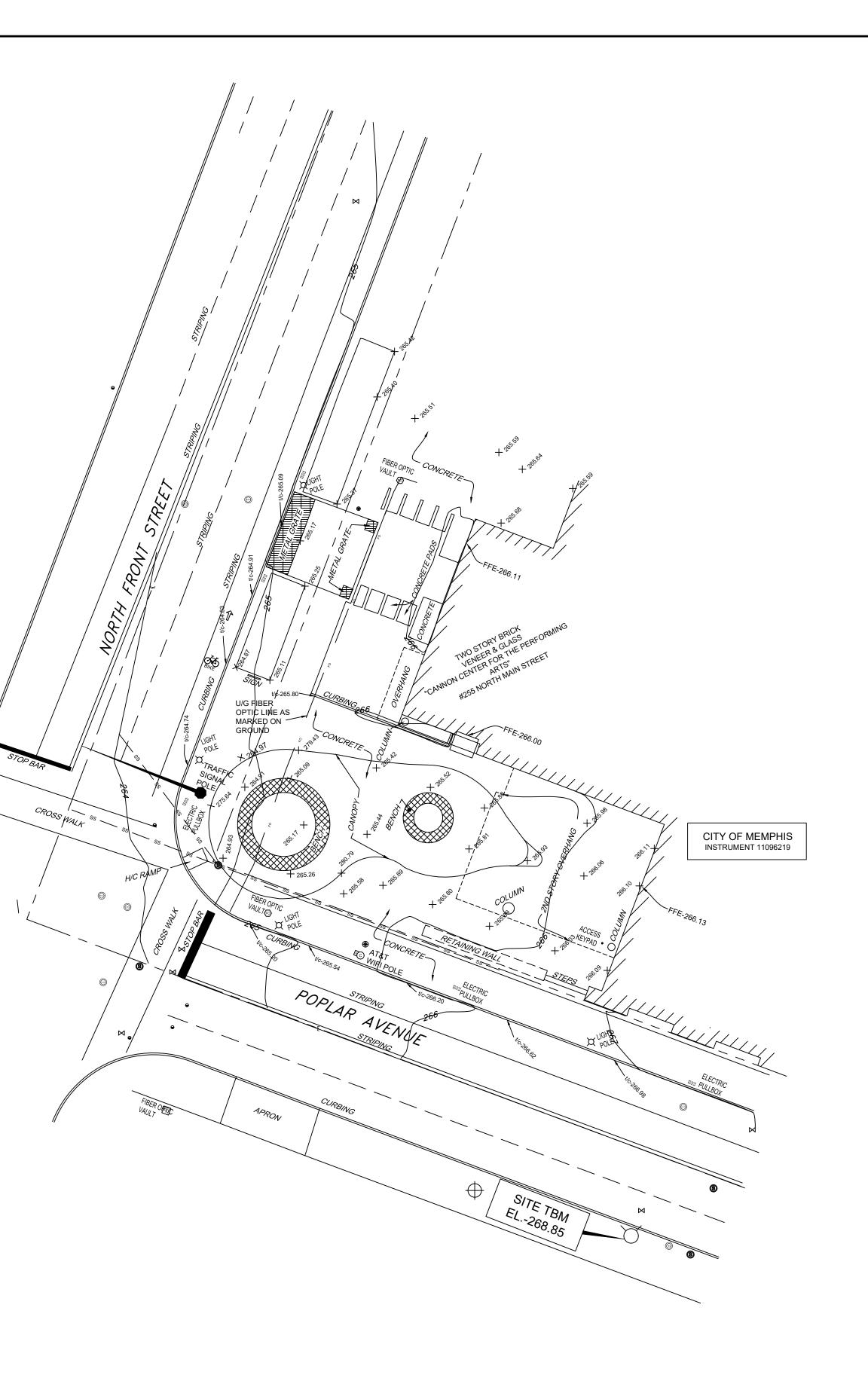


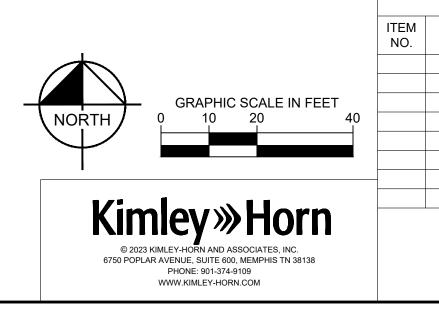
TOPOGRAPHIC SURVEY OF PART OF THE CITY OF MEMPHIS PROPERTY AS DESCRIBED IN INSTRUMENT 11096219, BEING THE CANNON CENTER FOR PERFORMING ARTS IN MEMPHIS, SHELBY COUNTY, TENNESSEE



HARRIS & ASSOCIATES LAND SURVEYORS, LLC

DATE : <u>APRIL 17, 2023</u> SCALE : <u>1" = 20'</u> DRAWN BY : <u>JLH</u>





554 Green Tree Cove Suite 102B•Collierville, Tennessee 38017 (901)362–2345

ORDERED BY : <u>MICHAEL SHEL</u>TON KIMLEY HORN





Know what's **belo Call** before you dig

THE CONSTRUCTION, AS REQUESTED BY OWNER AND CITY. AT A MINIMUM, THIS SHOULD OCCUR ONCE PER DAY FOR THE OFF-SITE

17. WHEN WASHING OF VEHICLES IS REQUIRED TO REMOVE SEDIMENT PRIOR TO EXITING THE SITE, IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP BMP

- 18. ALL FINES IMPOSED FOR SEDIMENT OR DIRT DISCHARGED FROM THE SITE SHALL BE PAID BY THE RESPONSIBLE CONTRACTOR. A ROADWAY, THE AGGREGATE PAD MUST BE WASHED DOWN OR REPLACED. RUNOFF FROM THE WASH-DOWN OPERATION SHALL NOT BE ALLOWED TO DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH ANOTHER BMP TO CONTROL SEDIMENTATION. PERIODIC RE-GRADING OR NEW STONE MAY BE REQUIRED TO MAINTAIN THE EFFECTIVENESS OF THE CONSTRUCTION ENTRANCE. UNLESS ADDITIONAL CONSTRUCTION IN THE AREA IS EXPECTED WITHIN 21 DAYS OF THE LAST DISTURBANCE
- 21.CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING CONSTRUCTION, ALWAYS CLEANING UP DIRT, LOOSE MATERIAL, 22. UPON COMPLETION OF FINE GRADING, ALL SURFACES OF DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED. STABILIZATION IS
- 23.AT THE CONCLUSION OF THE PROJECT, ALL INLETS, DRAIN PIPE, CHANNELS, DRAINAGEWAYS AND BORROW DITCHES AFFECTED BY THE 24. IT IS ACKNOWLEDGED THAT NO ONE PLAN CAN BE PREPARED THAT WILL DEPICT ALL POSSIBLE CONTROL MEASURES NECESSARY FOR VARIOUS STAGES OF CONSTRUCTION. THE CONTRACTOR SHALL INCLUDE IN THE BASE BID ADEQUATE FUNDS TO PROVIDE ALL EROSION CONTROL MEASURES NECESSARY TO COMPLY WITH CODES FOR THE DURATION OF THE CONSTRUCTION PROJECT.
- CONTRACTOR SHALL COMPLY WITH ALL TDEC STORM WATER POLLUTION PREVENTION REQUIREMENTS. 2. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE GENERAL PERMIT TO DISCHARGE.
- THE CONTRACTOR SHALL ENSURE THAT ALL PRIMARY OPERATORS SUBMIT A NOI TO TDEC, FOR LAND DISTURBANCE GREATER THAN ONE ACRE, AT LEAST SEVEN DAYS PRIOR TO COMMENCING CONSTRUCTION, OR IF UTILIZING ELECTRONIC SUBMITTAL, PRIOR TO COMMENCING CONSTRUCTION. ALL PRIMARY OPERATORS SHALL PROVIDE A COPY OF THE SIGNED NOI TO THE OPERATOR OF ANY MS4 (TYPICALLY THE
- 5. ALL CONTRACTORS AND SUBCONTRACTORS PROVIDING SERVICES RELATED TO THE SWPPP SHALL SIGN THE REQUIRED CONTRACTOR
- CERTIFICATION STATEMENT ACKNOWLEDGING THEIR RESPONSIBILITIES AS SPECIFIED IN THE SWPPP 6. A COPY OF THE SWPPP. INCLUDING NOI. SITE NOTICE, CONTRACTOR CERTIFICATIONS, AND ANY REVISIONS, SHALL BE SUBMITTED TO THE CITY BY THE CONTRACTOR AND SHALL BE RETAINED ON-SITE DURING CONSTRUCTION.
- AREAS NOT COVERED BY STRUCTURES, A TRANSFER OF OPERATIONAL CONTROL HAS OCCURRED, OR THE OPERATOR HAS OBTAINED ALTERNATIVE AUTHORIZATION UNDER A DIFFERENT PERMIT. A COPY OF THE NOT SHALL BE PROVIDED TO THE OPERATOR OF ANY MS4
- THE CONTRACTOR AND GRADING SUBCONTRACTOR SHALL VERIFY THE SUITABILITY OF EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE START OF CONSTRUCTION. THE CIVIL ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY 2. CONTRACTOR SHALL OBTAIN ANY REQUIRED GRADING PERMITS FROM THE CITY.
- 3. UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREA REFLECT TOP OF PAVEMENT SURFACE. IN LOCATIONS ALONG A CURBLINE ADD 6-INCHES (OR THE HEIGHT OF THE CURB) TO THE PAVING GRADE FOR TOP OF CURB ELEVATION 4. PROPOSED SPOT ELEVATIONS AND CONTOURS OUTSIDE THE PAVEMENT ARE TO TOP OF FINISHED GRADE 5. PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN CASE OF
- 6. ALL FINISHED GRADES SHALL TRANSITION UNIFORMLY BETWEEN THE FINISHED ELEVATIONS SHOWN. OPERATIONS, THE CONTRACTOR SHALL PROVIDE AN APPROPRIATE ELEVATION HOLD-DOWN ALLOWANCE FOR THE THICKNESS OF PAVEMENT, SIDEWALK, TOPSOIL, MULCH, STONE, LANDSCAPING, RIP-RAP AND ALL OTHER SURFACE MATERIALS THAT WILL CONTRIBUTE TO THE TOP OF FINISHED GRADE. FOR EXAMPLE, THE LIMITS OF EARTHWORK IN PAVED AREAS IS THE BOTTOM OF THE PAVEMENT SECTION. 8. NO REPRESENTATIONS OF EARTHWORK QUANTITIES OR SITE BALANCE ARE MADE BY THESE PLANS. THE CONTRACTOR SHALL PROVIDE
- THEIR OWN EARTHWORK CALCULATION TO DETERMINE THEIR CONTRACT QUANTITIES AND COST. ANY SIGNIFICANT VARIANCE FROM A BALANCED SITE SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CIVIL ENGINEER. 9. ALL GRADING AND EARTHWORK SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING
- 11. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF GRADING. REFERENCE EROSION CONTROL PLAN, DETAILS, GENERAL NOTES, AND SWPPP FOR ADDITIONAL INFORMATION AND
- 12.BEFORE ANY EARTHWORK IS PERFORMED, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF THE PROJECT'S PROPERTY LINE AND SITE IMPROVEMENTS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR LINE AND GRADE
- REGULATIONS. THE CONTRACTOR SHALL KEEP A RECORD OF WHERE EXCESS EXCAVATION WAS DISPOSED, ALONG WITH THE RECEIVING 14. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF TOPSOIL AT THE COMPLETION OF FINE GRADING. CONTRACTOR SHALL
- REFER TO LANDSCAPE ARCHITECTURE PLANS FOR SPECIFICATIONS AND REQUIREMENTS FOR TOPSOIL. 15. CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING EXISTING 16.NO EARTHWORK FILL SHALL BE PLACED IN ANY EXISTING DRAINAGE WAY, SWALE, CHANNEL, DITCH, CREEK, OR FLOODPLAIN FOR ANY REASON OR ANY LENGTH OF TIME, UNLESS THESE PLANS SPECIFICALLY INDICATE THIS IS REQUIRED. 7. TEMPORARY CULVERTS MAY BE REQUIRED IN SOME LOCATIONS TO CONVEY RUN-OFF.
- 18. REFER TO DIMENSION CONTROL PLAN, AND PLAT FOR HORIZONTAL DIMENSIONS. 19. THE CONTRACTOR SHALL CLEAR AND GRUB THE SITE AND PLACE. COMPACT. AND CONDITION FILL PER THE PROJECT GEOTECHNICAL ENGINEER'S SPECIFICATIONS. THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND SHALL COMPLY WITH CITY STANDARD SPECIFICATIONS AND THE GEOTECHNICAL REPORT. SOILS TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING SOILS. THE OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR SOILS TESTING 21.ALL COPIES OF SOILS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING AGENCY. CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS.
- 23. THE SCOPE OF WORK FOR CIVIL IMPROVEMENT SHOWN ON THESE PLANS TERMINATES 5-FEET FROM THE BUILDING. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT AND STRUCTURAL PLANS AND SPECIFICATIONS FOR FILL CONDITIONING AND PREPARATION IN THE 24.DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO
- BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK 25.CONTRACTOR SHALL ENSURE THAT SUFFICIENT POSITIVE SLOPE AWAY FROM THE BUILDING PAD IS ACHIEVED FOR ENTIRE PERIMETER OF
- THE PROPOSED BUILDING(S) DURING GRADING OPERATIONS AND IN THE FINAL CONDITION. IF THE CONTRACTOR OBSERVES THAT THIS WILL NOT BE ACHIEVED, THE CONTRACTOR SHALL CONTACT THE ENGINEER TO REVIEW THE LOCATION 26. THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING WATER OR BY OTHER MEANS APPROVED BY THE CITY AT NO ADDITIONAL COST TO THE OWNER 27. CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR ANY REQUIRED UTILITY ADJUSTMENTS AND/OR RELOCATIONS NEEDED
- FOR GRADING OPERATIONS AND TO ACCOMMODATE PROPOSED GRADE. INCLUDING THE UNKNOWN UTILITIES NOT SHOWN ON THESE PLANS. CONTRACTOR SHALL REFER TO THE GENERAL NOTES "OVERALL" SECTION THESE PLANS FOR ADDITIONAL INFORMATION. 28.EXISTING TREE LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL REPORT ANY DISCREPANCIES FOUND IN THE 29. CONTRACTOR SHALL FIELD VERIFY ALL PROTECTED TREE LOCATIONS, INDIVIDUAL PROTECTED TREE CRITICAL ROOT ZONES, AND PROPOSED SITE GRADING, AND NOTIFY THE CIVIL ENGINEER AND LANDSCAPE ARCHITECT OF ANY CONFLICTS WITH THE TREE PRESERVATION PLAN BY
- APPROVED TREE PRESERVATION PLANS BY THE LANDSCAPE ARCHITECT. 31.CONTRACTOR SHALL REFER TO THE LANDSCAPING AND TREE PRESERVATIONS PLANS FOR ALL INFORMATION AND DETAILS REGARDING 32.NO TREE SHALL BE REMOVED UNLESS A TREE REMOVAL PERMIT HAS BEEN ISSUED BY THE CITY, OR CITY HAS OTHERWISE CONFIRMED IN
- TREES SHALL BE PRESERVED WHENEVER POSSIBLE AND GRADING IMPACT TO THEM HELD TO A MINIMUM
- ALL WATER AND WASTEWATER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY (OR COUNTY) AND/OR UTILITY PROVIDER 2. CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING WATER AND WASTEWATER FACILITIES THAT ARE TO BE CONNECTED TO, PRIOR TO START OF CONSTRUCTION OF ANY WATER OR WASTEWATER CONSTRUCTION, AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED. CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF ALL
- 4. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATION OF ALL UTILITY CROSSINGS PRIOR TO THE INSTALLATION OF ANY PIPE. 6. ALL PUBLIC WATER AND WASTEWATER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO CITY PUBLIC WORKS AND/OR UTILITY PROVIDER STANDARD DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS. CODE. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS.
- 9. CONTRACTOR SHALL TAKE REQUIRED SANITARY PRECAUTIONS, FOLLOWING ANY CITY, STATE, AND AWWA STANDARDS, TO KEEP WATER PIPE 11. ALL WATER AND WASTEWATER SERVICES SHALL TERMINATE 5-FEET OUTSIDE THE BUILDING, UNLESS NOTED OTHERWISE.
- 12 CONTRACTOR SHALL COMPLY WITH CITY AND/OR UTILITY PROVIDER REQUIREMENTS FOR WATER AND WASTEWATER SERVICE DISRUPTIONS

- 16. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SILT AND DEBRIS FROM THE AFFECTED OFF-SITE ROADWAYS THAT ARE A RESULT OF 13. CONTRACTOR SHALL SEQUENCE WATER AND WASTEWATER CONSTRUCTION TO AVOID INTERRUPTION OF SERVICE TO PROPERTIES. 14. CONTRACTOR SHALL MAINTAIN WATER SERVICE AND WASTEWATER SERVICE TO ALL CUSTOMERS THROUGHOUT CON
- NECESSARY. BY USE OF TEMPORARY METHODS APPROVED BY THE CITY AND OWNER). THIS WORK SHALL BE CONSIDE THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED 15. THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL WATER AND WASTEWATER LINES CROSSING THE PROJECT. THE 19. WHEN SEDIMENT OR DIRT HAS CLOGGED THE CONSTRUCTION ENTRANCE VOID SPACES BETWEEN STONES OR DIRT IS BEING TRACKED ONTO REPAIR ALL DAMAGED LINES IMMEDIATELY. ALL REPAIRS OF EXISTING WATER MAINS, WATER SERVICES, SEWER MAINS
 - SEWER SERVICES ARE SUBSIDIARY TO THE WORK, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. 16. VALVE ADJUSTMENTS SHALL BE CONSTRUCTED SUCH THAT THE COVERS ARE AT FINISHED SURFACE GRADE OF THE F 17. THE ENDS OF ALL EXISTING WATER MAINS THAT ARE CUT. BUT NOT REMOVED. SHALL BE PLUGGED AND ABANDONED I SHALL BE CONSIDERED AS A SUBSIDIARY COST TO THE PROJECT AND NO ADDITIONAL COMPENSATION SHALL BE ALL
 - 18. ALL FIRE HYDRANTS, VALVES, TEES, BENDS, WYES, REDUCERS, FITTINGS, AND ENDS SHALL BE MECHANICALLY RESTRA BLOCKED TO CITY STANDARDS. 19. CONTRACTOR SHALL INSTALL A FULL SEGMENT OF WATER OR WASTEWATER PIPE CENTERED AT ALL UTILITY CROSSING
- JOINTS ARE GREATER THAN 9-FEET FROM THE CROSSING ACHIEVED WHEN THE AREA IS EITHER COVERED BY PERMANENT IMPERVIOUS STRUCTURES, SUCH AS BUILDINGS, SIDEWALK, PAVEMENT, OR 20. WATER AND WASTEWATER LINES SHALL BE KEPT TEN FEET (10') APART (PARALLEL), OR WHEN CROSSING TWENTY-FOL VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE). 21.ALL VALVE BOXES LOCATED IN PAVEMENT SHALL BE LOADCLASS H-20 RATED FOR HEAVY DUTY TRAFFIC LOADING.
- CONSTRUCTION SHALL BE DREDGED, AND THE SEDIMENT GENERATED BY THE PROJECT SHALL BE REMOVED AND DISPOSED IN ACCORDANCE 22. ALL WATER AND WASTEWATER SHALL BE TESTED IN ACCORDANCE WITH THE CITY, AWWA, AND STATE STANDARDS AND A MINIMUM THIS SHALL CONSIST OF THE FOLLOWING. a.a. ALL WATERLINES SHALL BE HYDROSTATICALLY TESTED AND CHLORINATED BEFORE BEING PLACED INTO SERVICE COORDINATE WITH THE CITY AND/OR UTILITY PROVIDER FOR THEIR REQUIRED PROCEDURES AND SHALL ALSO COI REGULATIONS
 - a.b. WASTEWATER LINES AND MANHOLES SHALL BE PRESSURE TESTED. CONTRACTOR SHALL COORDINATE WITH THE REQUIRED PROCEDURES AND SHALL ALSO COMPLY WITH STATE REGULATIONS. AFTER COMPLETION OF THESE T INSPECTION SHALL BE PERFORMED AND PROVIDED TO THE CITY AND OWNER ON A DVD. 23.CONTRACTOR SHALL INSTALL DETECTABLE WIRING OR MARKING TAPE A MINIMUM OF 12" ABOVE WATER AND WASTEWA DECALS SHALL BE LABELED "CAUTION - WATER LINE", OR "CAUTION - SEWER LINE". DETECTABLE WIRING AND MARKING
 - WITH CITY STANDARDS, AND SHALL BE INCLUDED IN THE COST OF THE WATER AND WASTEWATER PIPE. 24. DUCTILE IRON PIPE SHALL BE PROTECTED FROM CORROSION BY A LOW-DENSITY POLYETHYLENE LINER WRAP THAT LAYER OF 8-MIL. ALL DUCTILE IRON JOINTS SHALL BE BONDED. 25. WATERLINES SHALL BE INSTALLED AT NO LESS THAN THE MINIMUM COVER REQUIRED BY THE CITY.
- APPLICABLE, INCLUDING POSTING SITE NOTICE, INSPECTIONS, DOCUMENTATION, AND SUBMISSION OF ANY INFORMATION REQUIRED BY THE 26. CONTRACTOR SHALL PROVIDE CLEAN-OUTS FOR PRIVATE SANITARY SEWER LINES AT ALL CHANGES IN DIRECTION AND OR AS REQUIRED BY THE APPLICABLE PLUMBING CODE. CLEAN-OUTS REQUIRED IN PAVEMENT OR SIDEWALKS SHALL COVERS FLUSH WITH FINISHED GRADE 27.CONTRACTOR SHALL PROVIDE BACKWATER VALVES FOR PLUMBING FIXTURES AS REQUIRED BY THE APPLICABLE PLUM
- FLOOR ELEVATION OF FIXTURE UNIT IS BELOW THE ELEVATION OF THE MANHOLE COVER OF THE NEXT UPSTREAM MAN SEWER). CONTRACTOR SHALL REVIEW BOTH MEP AND CIVIL PLANS TO CONFIRM WHERE THESE ARE REQUIRED. 7. A NOTICE OF TERMINATION (NOT) SHALL BE SUBMITTED TO TDEC BY ANY PRIMARY OPERATOR WITHIN 30 DAYS AFTER ALL SOIL DISTURBING 28. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN. PREPARED BY A ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND A UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED ON ALL UNPAVED AREAS AND ENGINEER. TO THE CITY PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFET
 - ACCORDANCE WITH CITY, STATE, AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TF ALLOWED OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY. 29. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER. 30. ALL UTILITIES SHALL BE INSTALLED IN A TRENCH CONDITION IN ACCORDANCE WITH THE UTILITY PROVIDER TRENCHIN

ITEM NO.

Kimley Worn 6750 POPLAR AVENUE, SUITE 600, MEMPHIS TN 38138 PHONE: 901-374-9109 WWW.KIMLEY-HORN.COM

| A.M. ALAR DATA ALAR DATA MARE DATA ALAR DATA MARE DATA ALAR DATA MARE DATA MARE DATA < | TO SURROUNDING | ABBREVIA | ATIONS AND DEFINITIONS: |
|---|-----------------------|----------|---------------------------------|
| RE ONT DESCRIPTION R.R. RAIN TO REACH RE ON CASE RELIGNATION RE RELIGNATION REIN CASE RELIGNATION REIN DATA DESCRIPTION REIN CASE RELIGNATION REIN CASE RELIGNATION REIN DATA DESCRIPTION REIN CASE RELIGNATION REIN CASE RELIGNATION REIN DATA DESCRIPTION REIN DATA DESCRIPTION REIN DATA DESCRIPTION REIN DATA DESCRIPTION REIN DATA DESCRIPTION REIN DATA DESCRIPTION REIN DATA DESCRIPTION REIN DATA DESCRIPTION REIN DESCRIPTION REIN DATA DESCRIPTION REIN DESCRIPTION REIN DESCRIPTION REIN DESCRIPTION REIN DESCRIPTION REIN DESCRIPTION | | ADA | AMERICANS WITH DISABILITIES ACT |
| Independent Number: BC BCX NC CORR NAME: BCX NC CORR BCX NC CORR STATUSTICON NUMBER: CORR BCX NC CORR | | B-B | BACK TO BACK |
| interaction DOTA DOTA DOTA interaction Both Calls BEUTINA Both Standards interaction Both Standards Both Standards i | | | |
| GMCD. MINDLA MARCH THUBET BASI MANALENDI YARAUTUCE NASE SO THAT THUE BASI MANALENDI AL RIVE E CANTON NASE SO THAT THE BASI MANALENDI AL RIVE E SATION NASE SO THAT THE BASI MANALENDI AL RIVE E SATION NASE SO THAT THE BASI MANALENDI AL RIVE E SATION NASE SO THAT THE AL RIVE SATION BASI MANALENDI AL RIVE SATION NASE SOTTAT THAT AL RIVE SATION BASI MANALENDI AL RIVE SATION NASE SOTTAT THAT AL RIVE SATION CONTRES RATE AL RIVE SATION NASE SOTTAT THAT AL RIVE SATION CONTRES RATE AL RIVE SATION NASE SOTTAT THAT AL RIVE SATION CONTRES RATE AL RIVE SATION NASE SOTTAT THAT AL RIVE SATION CONTRES RATE AL RIVE SATION NASE SOTTAT THAT AL RIVE SATION CONTRES RATE AL RIVE SATION NASE SOTTAT THAT AL RIVE SATION CONTRES RATE AL RIVE SATION NASE SOTTAT THAT AL RIVE SATION CONTRES RATE AL RIVE SATION NASE SOTTAT THAT AL RIVE SATION CONTRES RATE AL RIVE SATION NASE SOTTAT THAT AL RIVE SATION CONTRES RATE AL RIVE SATION NASE SOTTAT THAT AL RIVE SATION CONTRES RATE AL RIVE SATION NASE SOTTAT THAT AL RIVE SATION CONTRES RATE AL RIVE SATION NASE SOTTAT THAT AL RIVE SATION RATE | | | |
| BUSCE BUSCE <th< td=""><td></td><td>BMP</td><td>BEST MANAGEMENT PRACTICE</td></th<> | | BMP | BEST MANAGEMENT PRACTICE |
| NAS 90 THAT THE 90% BON VERTICAL CURVE STATION NUR NOTABLE 90% CONTROL PROC NULL 90% CONT | RAINED AND/OR THRUST | | BACK OF CURB |
| NUM ROUMER (PT) BOTOL OF WALL NO SPECIFICATIONE, AT CL CONTENTIAL CONDUCTION CONTENTIAL PLOCADEL LOCAL GOVERNMENT JURISDICTION CONTENTIAL CONTE | | | |
| MIR MOSE PATY OTB CUEL TREE SCONE CUEL TREE SCONE C | INGS SO THAT THE | | |
| DIPY OT TOOM, GROTHERA PAPELCASE FLOCAL GOVERNMENT JURSDICTION CONSTRUCTION SIGNAL CONSTRUCTION CO | OUR INCHES (24") | | |
| NG SECURICATIONS, AT CL CLMTERLINE C DORTACTOR SHALL COM CLMTERLINE C DORTACTOR SHALL CLMTERLINE CLMTERLINE D (TACCTOR INTERNALS ELMTERLINE CLMTERLINE D (TACCTOR INTERNALS ELMTERLINE ELMTERLINE D (TACCTOR INTERNALS ELMTERLINE ELMTERLINE </td <td></td> <td></td> <td></td> | | | |
| | | | |
| Convery office Cultico Vacio Convery office Device Expery office Device Expery office Device Expery office Device Instruction Device Instructinstruction Device | ND SPECIFICATIONS. AT | CL | CENTERLINE |
| OWNER WORKSTOCK DebMS DefMS INFO IE DY YOR THURK DID DEDMA IF DY SATEL SWARD DID DEDMA VETEL LUES, MARCER DID DEDMA VATEL LUES, MARCER DEDMA DEDMA VERTICAL DEVENCION DEDMA DEDMA VATEL LUES, MARCER DEDMA DEDMA VERTICAL DEVENTION DEDMA DEDMA VERTICAL DEVENTION DEDMA DEDMA VATER DEVENTION DEDMA DEDMA VERTICAL DEVENTION | E. CONTRACTOR SHALL | | |
| ILE CITY FOR THEREDGDCOMPOSED SARAUTENUTERS ALL LEVERSNARGERNUTERS ALL CONFYCONFINE18 AT LEAST A SINCECO18 AT LEAST A SINCECO18 AT LEAST A SINCECO18 AT LEAST A SINCECO18 AT LEAST A SINCECO19 AT LEAST A SINCE AND LEAST A S | COMPLY WITH STATE | | |
| TEGTS ATLEVATIONOTALOTALYETS UNES, MARCERC.C.R.PARCYETS UNES, MARCERC.C.R.PARCYE ALEASTA BINGLEC.C.R.PARCYE ALEASTAC.C.R.PARCYE A | | | |
| NUTER LINE, MARKER PAC CO IN TALEST AS INCLE CO BIO CURVE IS AT LEAST A SINCLE CO BIO CURVE IS AT LEAST AS INCLE EL BLEVATION IS AT LEAST AS INCLE EL ELEVATION IS OF CONTINTERVALS. CONTINTERVALS. CONTINTERVALS. ILE NATE CONTINTERVALS. CONTINTERVALS. CONTINTERVALS. IND ID-CONTINTERVALS. CONTINTERVALS. CONTINTERVALS. IND ID-CONTINTERVALS. CONTINTERVALS. CONTINTERVALS. PROFESSIONA | | | |
| WATER LUBES, MARKER VATER SALAUSPACE VATER VA | | | |
| IS AT LEAST A SINCLE FG VISITING GROUND IL I LUAZ CANTINON EL EL CUATION NO 100-00T INTERVALS, EX EL CUATION IL I LUAZ CANTINON EX EL CUATION NURING CODE, IF, G EX EL CUARDAL / ELCTRONT NURING CODE, IF, G EXX EXX NURING CODE, IF, G EX | | | |
| IS AT LUSA VARIAGLE ELC ELC ELCOTING. / ELCOTING./ ELCO | NG TAPE SHALL COMPLY | | END CURB RETURN |
| NO.POOT INTERVALS. LL HAYE CAST INCN. ELECT NOTY HUNDED THE FUNCTION NODE OT THE FUNCTION NODE IN THE FUNCTION NODE IN THE FUNCTION POOT CESSIONAL PROCESSIONAL PR | IS AT LEAST A SINGLE | | |
| NO TOUTOOT INTERVALS, ELEV ELEVATION LIANGE COTOL INTERVALS, UNITED STATES EXVIRONMENTAL PROTECTION AGENCY EMAPLICATION EMAPLICATION EMAPLICATION END VERTICAL UNITED STATES EXVIRONMENTAL PROTECTION AGENCY EMAPLICATION PROFESSIONAL PROFESSI | | | |
| Difference EPA UNITES STATES ENVIRONMENTAL PROTECTION AGENCY EMA ENAT EARMENT UNRING CODE (E.G. EVC END VERTICAL CURVE SELEVATION PROFESSIONAL FVC END VERTICAL CURVE STATION PROFESSIONAL FVC END VERTICAL CURVE STATION PROFESSIONAL FVC FVC PROFESSIONAL FVC FVC <td< td=""><td></td><td></td><td></td></td<> | | | |
| BALT EASIMENT UNRING CODE/[E]G, ANHOLE IN THE FUGLIC EVXE END VERTICAL CURVE SITATION PROFESSIONAL TY RECURRENTS IN FX FX PROFESSIONAL TY RECURRENTS IN FX FX IND DETAILS. FX FX PROFESSIONAL TY RECURRENTS IN FX FX IND DETAILS. FX FX PROFESSIONAL TY RECURRENTS IN FX FX IND DETAILS. FX FX PROFESSIONAL TY RECURRENTS FX FX IND DETAILS. FX FX IND TO DETAILS. | , | | |
| AMADE IN THE PUBLIC EVCS EVCS EVCS PROFESSIONAL FX FX FX PROFESSIONAL FX FX FX INSIDE SHALL BE FX FX FX INSIDE SHALL BE FX FX FX INSIDE TAILS. FX FX FX INSIDE TAILS. <t< td=""><td>LL HAVE CAST IRON</td><td></td><td></td></t<> | LL HAVE CAST IRON | | |
| PROTESSIONAL PROTE | UMBING CODE (E.G. | EVCE | END VERTICAL CURVE ELEVATION |
| ProcessionAL F.F. FACE TO FACE TREADUREMENTS IN TREADUREMENTS IN TREADUREMENTS IN F.F. FINISHED CROUND NO DETAILS. F.O. FLOOR LINE NO DETAILS. F.O. FACE OF CLOB NO DETAILS. F.O. FACE AND AND ASSOCIATES. INC. LI LINERAF TELEVATION LINERAF TELEVATION MAIN KINIEFY-HORN AND ASSOCIATES. INC. LINERAF TELEVATION MAIN MINIEFY-HORN AND ASSOCIATES. INC. LINERAF TELEVATION MAIN MINIEFY MINIMUM MAINTER MINIMUM MAIN MINIE MINIMUM MAINTER MINIMUM NOT NOTE OF THEMINITON. REF.STATE GENERAL PERMIT NOTE OF THEMINITON REF.STATE GENERAL PERMIT NOT NOTE OF THEMINITON REF.STATE GENERAL PERMIT NOTE OF THEMINITON REF.STATE GENERAL PERMIT NOT NOTE OF THEMINITON REF.STATE GENERAL PERMIT NOTE OF THEMINITON REF.STATE GENERAL PERMIT <td< td=""><td>ANHOLE IN THE PUBLIC</td><td></td><td></td></td<> | ANHOLE IN THE PUBLIC | | |
| TY REQUIREMENTS IN FG FINISHED GRQUND TYTERCUILES SIMALL BE FG FIRE FYORANT FE FLCW LINE FL NG DETAILS FC FEET FL HURD YORANT FL NG DETAILS HURD YORANT FL FL HURD YORANT FL NG DETAILS HURD YORANT ADD ASSOCIATES. INC. KH KHURD YORAN ADD ASSOCIATES. INC. KH KHURD YORAN ADD ASSOCIATES. INC. KH KHURD YORAN ADD ASSOCIATES. INC. LAT LET LET INT ELET INTERCEPATION MA KHURD YORAN ADD ASSOCIATES. INC. NOT MANPOLE INTERCEPATION MA MANPOLE INTERCEPATION MH MANPOLE MANPOLE NOT NOTO TO CONTETT, REE STATE GENERAL PERMIT NOT NOTO TO SCALE NOTO TO SCALE OFF OFF POINT OF FREE NOT POINT OF FREE FOINT OF FREE POINT OF FREE POINT OF FREE </td <td>PROFESSIONAL</td> <td></td> <td></td> | PROFESSIONAL | | |
| THENOUSES SIVALL DE FILE HYDRANT FILE HYDRANT FILE FLOW UNE FOOC FOLCO FOLDE FILE FILE FOOD GRADELINE FILE FOOD GRADELINE FILE FOOD GRADELINE FILE FILE FILE FILE FILE FILE FILE FIL | | | |
| FL FL FLOW LINE NGD DETAILS. FC FCE NG DETAILS. FC FCE NG DETAILS. FCE FCE NG DETAILS. HURLS.LUC GRADE LINE FT FEE WIRLS.FLOWN, NAD ASSOCATES, INC. NG DETAILS. NIRLS.FLOWN, NAD ASSOCATES, INC. NG N | TRENCHES SHALL BE | | |
| PICE INLES. FET FEET HCL HVGRALLC GRADE LINE HE INVERT ELEVATION HE INVERT ELEVATION KH KILLC GRADE LINE LAT KILLC FAORI AND ASSOCIATES, INC. LAT LATERAL LAT LATERAL LAT LATERAL LAT LATERAL LAT LATERAL LAT LATERAL LAT MATCH EXISTING ELEVATION ME MATCH EXISTING ELEVATION ME MATCH EXISTING ELEVATION MI MANTCH EXISTING ELEVATION MI MATCH EXISTING ELEVATION MI MATCH EXISTING ELEVATION MO NOTICE OF INTERT, REF. STATE GENERAL PERMIT NOTICE OF INTERT, REF. STATE GENERAL PERMIT NOTICE OF INTERT NOTICE OF INTERT NOTICE OF INTERT NOTICE OF INTERT AND EMENT CONCRETE / POINT OF COMPOUND CURVATURE PC POINT OF INFLECTION PC POINT OF INFLECTION PROP POINT OF INFLECTION PROP POINT OF INFL | | | |
| FL FL FL HCI HCINIC LINE ORDIGE LINE HCI HCINIC LIVEORIA AND ASSOCIATES, INC. KIA KIALEY-HORN AND ASSOCIATES, INC. LAT LATERAL LF LINEAR REET LT LEFT MAX MATCH EXISTING ELEVATION MAX MATCH EXISTING ELEVATION MM MATCH EXISTING ELEVATION MM MATCH EXISTING ELEVATION MM MATCH EXISTING ELEVATION MM MATCH EXISTING ELEVATION MIN MINUTE / MINIMUM NOT NOTICE OF TERMINATION, REF. STATE GENERAL PERMIT NOT NOTICE OF TERMINATION PC ON COLURATING PC PORTLAND CEMPATE YND HEALTH ADMINISTRATION PC PORTLAND CEMPATE YND HEALTH ADMINISTRATION PC PORTLAND CEMPATE CONCRETE / POINT OF COMPOUND CURVATURE PC PORTLAND CEMPATE CURVATURE PC PORTLAND CEMPATE CURVATURE PC PORTLAND CEMPATE CURVATURE PC POR | ING DETAILS | FOC | FACE OF CURB |
| IEINVERT ELEVATIONKHAKINJEEY-HORN AND ASSOCIATES, INC.KHAKINJEEY-HORN AND ASSOCIATES, INC.LATLATERALLATLATERALLATLATERALLATLEFALLATLEFALLATLEFALMAXMAXINUMMAXINUMMANHOLEMINMINISTRATIONPROPOSEDPROPOSEDPROPOSEDPROPOSEDPROPOSEDPROPOSEDPROPOSEDPROPOSEDPROPOSEDPROPOSEDPROPOSEDPROPOSEDPROPOSEDPROPOSEDP | | | |
| KHKIMLEY-HORN AND ASSOCIATES, INC.KHAKILEY-HORN AND ASSOCIATES, INC.LATLATERALLATLATERALLATLATERALLATLEFTMARCHAR FEETLATLEFTMAXIMUMMEMATCH EXISTING ELEVATIONMINMINUTE / MINIMUMNONUMEERNONNUMEERNONNOTCE OF ITEMT, REF. STATE GENERAL PERMITNONNOTCE OF TEMINATION, REF. STATE GENERAL PERMITNONNOTCE OF TEMINATION, REF. STATE GENERAL PERMITNOSNOTCE OF CONCETER / POINT OF COMPOUND CURVATUREPERPOINT OF CURVATUREPIPOINT OF INFLECTIONPRCPOINT OF INFLECTIONPRCPOINT OF REVERSE CURVATUREPIPOINT OF TARGENCYPVIPOINT OF TARGENCYPVIPOINT OF VARTICAL INFLECTIONPVIPOINT OF WAYRCPREINFORCED CONCRETE PIPERCPREINFORCED CONTROL DEVICESRCPTO PO FORMALRCPREINFORCED CONTROL | | | |
| KHA KINUE CY-HORN AND ASSOCIATES, INC. LF LINEAR FEET LF LINEAR FEET LT LEFT MAX MAXIMUM MAXIMUM MAXIMUM <td></td> <td></td> <td></td> | | | |
| LATLAT ERALLITLIF LINEAR FIETLTLEFTMAXMAXINUMMAXMAXINUMMEMATCH EXISTING ELEVATIONMINMINUTE' MININUMMINUTE' MININUMNOINUTCE OF INTENT, REF. STATE GENERAL PERMITNOINOTCE OF INTENT, REF. STATE GENERAL PERMITNOINOTCE OF INTENT, REF. STATE GENERAL PERMITNOINOTCE OF TERMINITON, REF. STATE GENERAL PERMITNOTORTCE OF TERMINITON, REF. STATE GENERAL PERMITORTORTCE OF TERMINITON, REF. STATE GENERAL PERMITORTORTCE OF TERMINITON, REF. STATE GENERAL PERMITORTORTCE OF TERMINICON, REF. STATE GENERAL PERMITORTORTTAND GENERAT CONCRETE / POINT OF COMPOUND CURVATUREPCPOINT OF TANGENCYPVPOINT OF TANGENCYPVPOINT OF TANGENCYPVPOINT OF TANGENCYPVPOINT OF CURVETTONPVPOINT OF TANGENCYPVPOINT OF TANGENCYPVPOINT OF TANGENCYPVPOINT OF TANGENCYPVPOINT OF TANGENCYPVPOINT OF TANGENCY <td></td> <td></td> <td></td> | | | |
| LTLEFTMAXMAXIMUMMEMATCH EXISTING ELEVATIONMEMATCH EXISTING ELEVATIONMINMINUTE/ MINIMUMNONUMERFNOINOTCE OF INTENT, REF. STATE GENERAL PERMITNOINOTCE OF TERMINATION, REF. STATE GENERAL PERMITNTSNOT TO SCALEOC ON CENTEROCENTEROFFOFFOFFOFFOFFOFTOFFOFTOFTOCINATION, REF. TATE GENERAL PERMITNTSNOT TO SCALEOFFOFTOFTOFTADO CENTEROFFOFTADO CENTERPCPOINT OF CURVATUREPCPOINT OF CURVATUREPCPOINT OF CURVATUREPGLPROPOSED GRADE LINEPROPPROPOSED GRADE LINEPROPPOINT OF CURVATUREPROPPOINT OF CURVATUREPROPPOUNDS PER SQUARE INCHPVPOINT OF CURVATUREPVPOUNDS PER SQUARE INCHPVPVPVPOUT OF VERTICAL INFLECTIONPVTPAVEMENTROWRIGHT OF WAYROWRIGHT OF WAYRTSIMINARY SEWER MANHOLESTONSTATONSTATONSTATONSTATOSTATONCTTO OF OCURBDOTSTATE DEPARTMENT OF TRANSPORTATIONDOTSTATE DEPARTMENT OF TRANSPORTATIONDOTSTATE DEPARTMENT OF TRANSPORTATIONTCTO OF OCURBTCTO OF OCURBTC </td <td></td> <td></td> <td></td> | | | |
| MAXMAXIMUMMAXIMUMMAXIMUMMIMMANHOLEMINMINUTE / MINIMUMNONNUMERNOINOTICO OF INTENT, REF. STATE GENERAL PERMITNOINOTICO OF TERMINATION, REF. STATE GENERAL PERMITNOTNOTICO OF TERMINATION, REF. STATE GENERAL PERMITNOTNOTICO OF TERMINATION, REF. STATE GENERAL PERMITNOTONOTICO OF TERMINATION, REF. STATE GENERAL PERMITNOTONOTICO OF TERMINATION, REF. STATE GENERAL PERMITNOTOOCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONOCONT OF CUPATIONAL SAFETY AND HEALTH ADMINISTRATIONOCHOCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONOCHOCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONOCHOCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONPCPOINT OF CONTORE TE / POINT OF COMPOUND CURVATUREPCPOINT OF INFLECTIONPROPPROPOSED GENERPROPPROPOSED EVINEPROPPOINT OF REVERSE CURVATUREPROPPOINT OF REVERSE CURVATUREPROPREVERTERPOINT OF REVERSE CURVATUREPOINT OF REVERSE CURVATUREPOINT OF REVERSE CURVATUREPOINT OF REVERSE CURVATURE | | LF | LINEAR FEET |
| MEMATCH EXISTING ELEVATIONMMMANHOLEMNMINUTE / MINIMUMNONUMEERNONUMERNOTNOTCE OF FERMINATION, REF. STATE GENERAL PERMITNOTNOTCE OF FERMINATION, REF. STATE GENERAL PERMITNOTNOTCE OF FERMINATION, REF. STATE GENERAL PERMITNOTNOTCE OF CENTRINATION, REF. STATE GENERAL PERMITNOTNOTCE OF CENTRINATIONOFOFFSETOCON CENTERPCPOINT OF CURVATUREPCPOINT OF CURVATUREPCPOINT OF CURVATUREPGPOINT OF CURVATUREPGPOINT OF INFLECTIONPROP ROPOSEDPROPOSEDPROP POINT OF FUNCTIONPROP POINT OF FUNCTIONPROP ROPOSEDPROP ROPOSE | | | |
| MMMANHOLEMINMINUTE / MINIMUMNONUMBERNOINOTICE OF INTENT, REF. STATE GENERAL PERMITNOINOTICE OF INTENT, REF. STATE GENERAL PERMITNOTNOTICE OF INTENT, REF. STATE GENERAL PERMITNTSNOTICE OF TERMINATION, REF. STATE GENERAL PERMITOCON CONTEC OF OFERETOCMOOCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONPCPOINT OF CURVATUREPCPOINT OF CURVATUREPCPOINT OF CURVATUREPCPOROPOSED GURVATUREPCPOINT OF INFLECTIONPROPEPOINT OF EVERSE CURVATUREPCPOINT OF EVERSE CURVATUREPCPOINT OF INFLECTIONPROPPOINT OF REVERSE CURVATUREPCPOINT OF ADVERSE / POINT OF COMPOUND CURVATUREPCPOINT OF INFLECTIONPCPOINT OF INFLECTIONPCPOINT OF INFLECTIONPCPOINT OF INFLECTIONPCPOINT OF INFLECTIONPCPOINT OF INFLECTIONPUTPOINT OF INFLECTION <td></td> <td></td> <td></td> | | | |
| MINMINUTE / MINIMUMNONUMBERNONUMBERNONOTICE OF INTENT, REF. STATE GENERAL PERMITNOTNOTICE OF TREMINATION, REF. STATE GENERAL PERMITNOTNOTIO SCALEOGON DENTEROGON DENTEROGON DENTEROFFOFFSETOFFOFFSETPCCPOINT OF CURVATUREPCCPOINT OF CURVATUREPCCPOINT OF CURVATUREPCPOINT OF CURVATUREPCPOINT OF CURVATUREPCPOINT OF CURVATUREPROPPOOPSED GRADE LINEPIPOINTO FEVERASE CURVATUREPROPPOUNDS PER SUJARE INCHPROPPOUNDS PER SUJARE INCHPROPPOUNDS PER SUJARE INCHPROPPOUNDS PER SUJARE INCHPROPPOUNT OF EVERASE CURVATUREPROPPOUNT OF EVERTICAL INFLECTIONPVCPOULYINTL CULORIDEPVCPOULYINTL CULORIDEPVMPOULYINTL CULORIDEPVMPOULYINTL CULORIDEPVMRIGHT OF YARERIGHT OF CURVATUREPOINT OF CURVATURESTANDARDSTANDARDSTANDARDSTANDARDSTANDARDSTANDARDTEMPO REARYCONTROL DEVICESNUTCHMARINERY SEVERNUTCHMANUAL OF UNRFORM TRAFFIC CONTROL DEVICESNUTCHTOP OF CURRNUTCHTOP OF OURSNUTCHMANUAL OF UNRFORM TRAFFIC CONTROL DEVICESNUTCHVERCALNUTCHVERCAL <td></td> <td></td> <td></td> | | | |
| NOINOITCE OF INTENT, REF. STATE GENERAL PERMITNOTNOTTCE OF INTENT, REF. STATE GENERAL PERMITNOTNOTTO SCALEOCOCOCOCCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONPCPOINT OF CURVATUREPCCPOINT OF CURVATUREPCCPOINT OF CURVATUREPCCPOINT OF CURVATUREPGLPROPOSED OGRADE LINEPIPOINT OF INFLECTIONPROP SED PROPOSED DE NOUT OF REVERSE CURVATUREPROPPOINT OF INFLECTIONPROPPOINT OF TANGENCYPROPPOINT OF REVERSE CURVATUREPROPPOINT OF TANGENCYPROPPOINT OF REVERSE CURVATUREPROPPOINT OF CURVATUREPROPPOINT OF REVERSE CURVATUREPROPSTANDARDSTANSTATIONSTANSTATIONSTANSTATIONSTANSTATIONSTANSTATIONSTANSTATIONSTANSTATIONSTANSTATIONSTANSTATIONSTAN <t< td=""><td></td><td></td><td></td></t<> | | | |
| NOTNOTICE OF TERMINATION, REF. STATE GENERAL PERMITNTSNOT TO SCALEOFOFOFOFFEROFOFFEROSHAOCCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONPCPOINT OF CURVATUREPCPOINT OF CURVATUREPCPOINT OF CURVATUREPCPOINT OF INFLECTIONPGPOINT OF INFLECTIONPRPOINT OF REVERSE CURVATUREPRPOINT OF REVERSE CURVATUREPRPOINT OF REVERSE CURVATUREPGPOINT OF REVERSE CURVATUREPRPOINT OF AMEENCYPYPOINT OF AMEENCYPVCPOINT OF CONCRETE IPEPGPOINT OF CONCRETE PIPERCREINFORCED CONCRETE PIPERCREINFORCED CONCRETE PIPERCREINFORCED CONCRETE PIPERCREINFORCED CONCRETE PIPESSMSANITARY SEWERSSMSANITARY SEWERSSMSANITARY SEWER MANHOLESSMSANITARY SEWER MANHOLESTASTATONSTASTATONSTASTATONSTASTATONSTASTATONSTASTATONSTASTATONSTASTATONSTASTATONSTASTATONSTASTATONSTASTATONSTASTATONSTASTATONSTASTATONSTATE SEE DEPARTMENT OF TRANSPORTATIONTWTOP OF WALLTYPTYPICALUNO< | | NO | NUMBER |
| NTSNOT TO SCALEOCON CENTEROFFOFFSETOSHAOCCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONPCPOINT OF CURVATUREPCPOINT OF CURVATUREPCPOINT OF INFLECTIONPROPOSEDPROPOSEDPROPOSEDPROPOSEDPROPOSEDPROPOSEDPSIPOINT OF REVERSE CURVATUREPSIPOINT OF TANGENCYPVCPOINT OF CHANGENCYPVCPOINT OF CHANGENCYPVRPOINT OF CURVERTICAL INFLECTIONPVRPOINT OF CHANGENCYPVRREINFORCED CONCRETE PIPERCWRIGHT OF WAYRCWRIGHT OF WAYSSSANITARY SEWERSSMHSANITARY SEWER MANHOLESTASTATONSTASTATONSTASTATONSTASTATONCTTO OF CURRTEMPORARYTEMPORARYDOTTO POP OF WALLTWTYP TYPICALTWTOP OF WALLTWTYPICALUNUUNLESS NOTED OTHERWISEUNUUNLESS NOTED OTHERWISEWCVCVCVCVCVCVCVCVCVCVCVCVCVCVCVCVCVCVCVC <td< td=""><td></td><td></td><td></td></td<> | | | |
| OCON CENTEROFFOFFSETOSHAOCCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONPCPOINT OF CURVATUREPCPOINT OF CURVATUREPCPOINT OF CURVATUREPCPOINT OF INFLICTIONPGLPROPOSED GRADE LINEPROPPROPOSED INFLICTIONPROPPROPOSEDPROPPOINT OF REVERSE CURVATUREPSIPOINT OF TANGENCYPVPOINT OF TANGENCYPVPOINT OF VERTICAL INFLECTIONPVTPOINT OF VERTICAL INFLECTIONPVTPACHENTRCPREINFORCED CONCRETE PIPERCPREINFORCED CONCRETE PIPESSSANITARY SEWERSSSANITARY SEWERSSSANITARY SEWERSSMHSANITARY SEWERSTOSTANDARDSTOSTANDARDSTOSTANDARDSTOSTANDARDSTOSTANDARDSTOSTANDARDSTOSTANDARDTCTOP OF CURBTDECTEMPORARYDTCTTDECTEMPORARYTDECTENPORARYTDECTENPORARYTDECTENPORARYTDECTENPORARYTDECTENPORARYTDECTENPORARYTDECTENPORARYTDECTENPORARY | | | |
| OFFOFFSETOFFSETOFFSETOFFSETPOINT OF CURVATUREPCPOINT OF CURVATUREPCPOINT OF CURVATUREPCPORTLAND CEREMET CONCRETE / POINT OF COMPOUND CURVATUREPGPOROSED GRADE LINEPGPOROSED GRADE LINEPRCPOINT OF INFLECTIONPRCPOINT OF REVERSE CURVATUREPSIPOINS PER SQUARE INCHPSIPOINS PER SQUARE INCHPVPOINT OF TAMERSE CURVATUREPSIPOINS PER SQUARE INCHPSIPOINS OF PER SQUARE INCHPVPOINT OF CERTICAL INFLECTIONPVPOINT OF VERTICAL INFLECTIONPVPOINT OF VERTICAL INFLECTIONPVPOINT OF VERTICAL INFLECTIONPVPOINT OF VERTICAL INFLECTIONPVRIGHT OF WAYRTRIGHTRCPRIDFORCED CONCRETE PIPERCPSUDARE FEETSSSANTARY SEWERSSMHSANTARY SEWER MANHOLESTASTATIONSTASTATIONSTASTATIONSYSQUARE YARDDOTTO FO CURRTEMPTEMPORARYDOTSTATE DEPARTMENT OF TRANSPORTATIONMUTCDMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESMUTCDMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTEMPTEPPORATIGENT TAFFIC CONTROL DEVICESTYTYPICALUNTOP OF WALLTYPTYPICALUNVCVCVCRITCAL CURREVCVCRITCAL CU | | | |
| OSHAOCCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONPCPOINT OF CURVATUREPCPOINT OF CURVATUREPCPOINT OF CONCRETE / POINT OF COMPOUND CURVATUREPGPROPOSED GRADE LINEPIPOINT OF INFLECTIONPROPPROPOSEDPRCPPROPOSED GRADE LINEPROPPROPOSED GRADE LINEPROPPROPOSED GRADE LINEPROPPROPOSEDPRCPPROPOSED GRADE LINEPROPPROPOSED GRADE LINEPROPPOINT OF TRANSPORTPROPPROPOSED GRADE LINEPROPPROPOSED GRADE LINEPROPPROPOSED GRADE LINEPROPPOINT OF TRANSPORTATIONPROPTO FOR GRADE LINEPROPTO FOR UNIPORM TRAFIC CONTROL DEVICESPROPTO POF URBTEMPTEMPORARYTEMPTEMPORARYTEMPTEMPORARYTEMPTRANSPORTATIONMUTCDMANUAL OF UNIPORM TRAFIC CONTROL DEVICESTEMPTEMPORARYTEMPTEMPORARYTEMPTEMPORARYTEMPTEMPORARYTEMPTEMPORARYTEMPTEMPORARYTEMPTEMPORARYTEMPTEMPORARY< | | | |
| PCCPORTLADL CEMENT CONCRETE / POINT OF COMPOUND CURVATUREPGIPORPOSED GRADE LINEPGIPOINT OF INFLECTIONPROPPROPOSED GRADE LINEPROPPROPOSED CRADE LINEPROPPROPOSED CURVATUREPROPPOINT OF REVERSE CURVATUREPSIPOUNDS PERS QUARE INCHPVIPOINT OF TANGENCYPVCPOLYVINY CHLORIDEPVCPOINT OF TANGENCYPVIPOINT OF CONCRETE PIPERCPREINFORCED CONCRETE PIPERCPREINFORCED CONCRETE PIPERCPRGHT OF WAYRTRIGHT OF WAYSSSANITARY SEWER MANHOLESSSANITARY SEWER MANHOLESTDSTANDARDSTDSTANDARDTEMPORZEN VARYTEMPORZEN VARYDOTSTATE DEPARTMENT OF TRANSPORTATIONDOTSTATE DEPARTMENT OF TRANSPORTATIONTEMPTEMPORZEN DURIFORM TRAFFIC CONTROL DEVICESTEMTOP OF WALLTYWTOP OF WALLTYWTOP OF CURYTWTOP OF WALLTWTOP OF CURYTWTOP OF WALLTYPTYPCALUNOUNILESS NOTED OTHERWISEUNOUNILESS NOTED OTHERWISEUNOVATER | | | |
| PGLPROPOSED GRADE LINEPIPOINT OF INFLECTIONPIOPPROPOSEDPROPPROPOSEDPRCPOINT OF EVERSE CURVATUREPRCPOINT OF REVERSE CURVATUREPRCPOINT OF EVERSE CURVATUREPRCPOINT OF ANGENCYPVCPOINT OF VERTICAL INFLECTIONPVMPOINT OF VERTICAL INFLECTIONPVMTPAVEMENTRCMRIGHT OF WAYRTRIGHT OF WAYRTRIGHT OF WAYSSSANITARY SEWER MANHOLESSSANITARY SEWER MANHOLESTANSTATIONSTANDARYSUARE FEETCOURDSTANDARYCURDSTANDARYMITSTANDARYMITSTANDARYMITSTANDARYMITSTANDARYMITSTANDARYMITSTANDARYMITSTANDARYMITTO OF VERTIONTCTOP OF CURBTCTOP OF CURBMITMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESMITMANUAL OF UNIFORM TRAFFIC CONSERVATIONTWTOP OF WALLTWTOP OF WALLTWTOP OF WALLTWTOP OF WALLVERWALC URVEWITWATER | | | |
| PIPOINT OF INFLECTIONPROPPROPOSEDPROPOSEDPROPOSEDPRCPOINT OF REVERSE CURVATUREPSIPOUNDS PER SQUARE INCHPTPOINT OF TANGENCYPVCPOLYVINYL CHLORIDEPVCPOINT OF VERTICAL INFLECTIONPVMTPAVEMENTRCPREINFORCED CONCRETE PIPERCMRIGH TO FWAYRCFSQUARE FEFTSSMHSANITARY SEWERSSMHSANITARY SEWER MANHOLESTASTANDARDSTASTANDARDSTASTANDARDSYSQUARE YARDTCTOP OF CURBTCTOP OF CURBTDESTATE DARTINENT OF TRANSPORTATIONDOTSTATE DEPARTIMENT OF TRANSPORTATIONDOTSTATE DEPARTIMENT OF ENVIRONMENT AND CONSERVATIONTDECTENNESSEE DEPARTIMENT OF ENVIRONMENT AND CONSERVATIONTUTCDTOP OF QUALLTWTOP OF VALLTWTOP OF CURLTWTOP OF CURLTURCETOP OF CURLOR TRANSPORTATIONTDECTENNESSEE DEPARTIMENT OF ENVIRONMENT AND CONSERVATIONTURCETOP OF VALLTWTOP OF VALLTWTOP OF VALLTWTOP OF VALLTWTOP OF VALLTWTOP OF VALLTWVERTICAL CURVEVIRWATER | | | |
| PROPPROPOSEDPRCPOINTO REVERSE CURVATUREPRCPOUNDS PER SQUARE INCHPSIPOUNDS PER SQUARE INCHPTPOINTO TANGENCYPVCPOLYTUINYL CHLORIDEPVIPOINT OF VERTICAL INFLECTIONPVMTPAVEMENTRCMRICHT OF WAYRCMRICHT OF WAYSSSANITARY SEWERSSSANITARY SEWERSTASTATIONSTDSTANDARDSTDSTANDARDCCTOP OF CURBTEMPORARYTEMPORARYDOTSTATEPATIMENT OF TRANSPORTATIONDTCTOP OF WALLTWTOP OF WALLTWTYPTYPTYPACALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEWTRWATER | | | |
| PRCPOINT OF REVERSE CURVATUREPSIPOINTO F RANGENCYPTPOINT OF TANGENCYPVCPOLYVINYL CHLORIDEPVIPOINT OF VERTICAL INFLECTIONPVMTPAVEMENTRCPREINFORCED CONCRETE PIPEROWRIGHT OF WAYRTRIGHTSSSANITARY SEWERSSSANITARY SEWER MANHOLESSSANITARY SEWER MANHOLESTDSTANDARDSTDSTANDARDSTDSTANDARDTEMPORARYSUPORTARIONMUTCOMUTCOVINTOSTANDARDTEMPTEMPORARYDOTSTATO BERTMENT OF TRANSPORTATIONMUTCOMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTDECTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONMUTCOMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTDECTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTVTOP OF WALLTVPTYPICALWINTWATER | | | |
| PSIPOUNDS PER SQUARE INCHPTPOUND OF TANGENCYPVCPOLYVINYL CHLORIDEPVIPOINT OF VERTICAL INFLECTIONPVMTPAVEMATRCPREINFORCED CONCRETE PIPERCWRIGHT OF WAYRTRIGHTSSSANTARY SEWERSSSANTARY SEWER MANHOLESTASTATIONSTASTATIONSTDSTANDARDSTDSUQARE YARDTCTO P OF CURBTEMPTEMPORARYDOTSTANDARDMUTCOMANUAL OF UNFORM TRAFFIC CONTROL DEVICESTDECTINFOSKALTYTOP OF WALLTYTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEWTRWATER | | | |
| PVCPOLYVINYL CHLORIDEPVIPOINT OF VERTICAL INFLECTIONPVIPAVEMENTRCPREINFORCED CONCRETE PIPERCWRIGHT OF WAYRTRIGHTSSSQUARE FEETSSSANITARY SEWERSSSANITARY SEWER MANHOLESTASTATIONSTDSTANDARDSTSQUARE YARDTCTOP OF CURBTEMPTEMPORARYTEMPTEMPORARYDOTSATE DEPARTMENT OF TRANSPORTATIONTDECTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTWTOP OF WALLTVPTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEWWATER | | | |
| PVIPOINT OF VERTICAL INFLECTIONPVMTPAVEMENTPVMTPAVEMENTRCPREINFORCED CONCRETE PIPEROWRIGHT OF WAYRTRIGHSFSQUARE FEETSSMHSANITARY SEWERSSMHSANITARY SEWER MANHOLESTASTATIONSTASTATIONSTASQUARE YARDTCTOP OF CURBTEMP TEMPORARYTEMPORARYMUTCDMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTDECTENDESSEE DEPARTMENT OF TRANSPORTATIONTDECTENDESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTYPTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEWTRWATER | | | |
| PVMTPAVEMENTRCPREINFORCED CONCRETE PIPERCPREINFORCED CONCRETE PIPEROWRIGHT OF WAYRTRIGHTSFSQUARE FEETSSSANITARY SEWERSMHSANITARY SEWER MANHOLESTMSTATIONSTDSTANDARDSTDSTANDARDSTSQUARE YARDTCTOP OF CURBTEMPTEMPORARYDOTSTATE DEPARTMENT OF TRANSPORTATIONMUTCDMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTDCTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTVTOP OF WALLTYPTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEVTRWATER | | | |
| RCPREINFORCED CONCRETE PIPEROWRIGHT OF WAYRTRIGHT OF WAYRTRIGHT OF WAYSGUARE FEETSOUARE FEETSSMHSANITARY SEWERSSMHSANITARY SEWER MANHOLESTASTATIONSTDSTANDARDSTSOUARE YARDTCTO FO CURBTEMP TEMPORARYDOTSTATE DEPARTMENT OF TRANSPORTATIONMUTCDMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTDECTONESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTVTOP OF WALLTYPTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEVRTWATER | | | |
| ROWRIGHT OF WAYRTRIGHTRTRIGHTSFSQUARE FEETSSSANITARY SEWERSSMHSANITARY SEWER MANHOLESTASTATIONSTASTANDARDSYSQUARE YARDTCTOP OF CURBTEMPTEMPORARYDOTSTATE DEPARTMENT OF TRANSPORTATIONTDECTENNESSEE DEPARTMENT OF TRANSPORTATIONTDECTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTWTOP OF WALLTYPTYPICALUNICSNUTES NOTED OTHERWISEUNICWATER | | | |
| SFSQUARE FEETSSSANITARY SEWERSSMHSANITARY SEWER MANHOLESTMSTATIONSTDSTANDARDSYSQUARE YARDTCTOP OF CURBTEMPTEMPORARYDOTSTATE DEPARTMENT OF TRANSPORTATIONMUTCDMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTDECTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTWTOP OF WALLTYPTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEWTRWATER | | | |
| SSSANITARY SEWERSSMHSANITARY SEWER MANHOLESTASTATIONSTDSTANDARDSTDSQUARE YARDTCTOP OF CURBTEMPTEMPORARYDOTSTATE DEPARTMENT OF TRANSPORTATIONMUTCDMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTDECTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTVTOP OF WALLTYPTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEWTRWATER | | | RIGHT |
| SSMHSANITARY SEWER MANHOLESTASTATIONSTDSTANDARDSTDSQUARE YARDTCTOP OF CURBTEMPTEMPORARYDOTSTATE DEPARTMENT OF TRANSPORTATIONMUTCDMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTDECTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTYTOP OF WALLTYPTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEWTRWATER | | | |
| STASTATIONSTDSTANDARDSYSQUARE YARDTCTOP OF CURBTEMPTEMPORARYDOTSTATE DEPARTMENT OF TRANSPORTATIONMUTCDMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTDECTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTWTOP OF WALLTYPTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEWTRWATER | | | |
| STDSTANDARDSYSQUARE YARDTCTOP OF CURBTEMPTEMPORARYDOTSTATE DEPARTMENT OF TRANSPORTATIONMUTCDMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTDECTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTWTOP OF WALLTYPTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEWTRWATER | | | |
| SYSQUARE YARDTCTOP OF CURBTEMPTEMPORARYDOTSTATE DEPARTMENT OF TRANSPORTATIONMUTCDMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTDECTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTWTOP OF WALLTYPTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEWTRWATER | | | |
| TEMPTEMPORARYDOTSTATE DEPARTMENT OF TRANSPORTATIONMUTCDMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTDECTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTWTOP OF WALLTYPTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEWTRWATER | | SY | |
| DOTSTATE DEPARTMENT OF TRANSPORTATIONMUTCDMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTDECTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTWTOP OF WALLTYPTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEWTRWATER | | | |
| MUTCDMANUAL OF UNIFORM TRAFFIC CONTROL DEVICESTDECTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTWTOP OF WALLTYPTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEWTRWATER | | | |
| TDECTENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATIONTWTOP OF WALLTYPTYPICALUNOUNLESS NOTED OTHERWISEVCVERTICAL CURVEWTRWATER | | | |
| TW TOP OF WALL TYP TYPICAL UNO UNLESS NOTED OTHERWISE VC VERTICAL CURVE WTR WATER | | | |
| TYP TYPICAL UNO UNLESS NOTED OTHERWISE VC VERTICAL CURVE WTR WATER | | | |
| VC VERTICAL CURVE WTR WATER | | TYP | |
| WTR WATER | | | |
| | | | |
| WW WASTEWATER | | WIR | WATER WASTEWATER |

ITY OF MEMPHIS BENCH MARK # 1406: LOCATED AT THE INTERSECTION OF DANNY THOMAS

BOULEVARD & WASHINGTON AVENUE, ELEVATION = 229.89 (NAVD88) 100 YEAR FLOOD ELEVATION 233.0 PER F.E.M.A PANEL 470177 0270F DATED SEPTEMBER 28, 2007, THIS PROPERTY IS LOCATED IN

ZONE X "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN". SEWER BASIN ID. ES-2

| DRAINAGE BASIN: GAYOSO BAYOU 1-G | |
|----------------------------------|--|
| | |

| C0-20 |
|-------|
|-------|

DWG NO

| SHEET <u>3</u> OF <u>3</u> |
|----------------------------|
| DIVISION OF ENGINEERING |

| GENERAL I | NOTES |
|------------------|-------|
|------------------|-------|

LOCATION: 255 N MAIN STREET MEMPHIS. TN 38103

SURVEY HARRIS & ASSOC. DATE: 04/17/2023 BOOK: SEE SURVEY

DESIGN BY KHA DATE: 07/18/2023 SCALE: AS NOTED

VISITOR DROP-OFF OWNER: CANNON CENTER FOR THE PERFORMING ARTS ENGINEER: KIMLEY-HORN AND ASSOCIATES, INC.

CANNON CENTER

APPROVAL

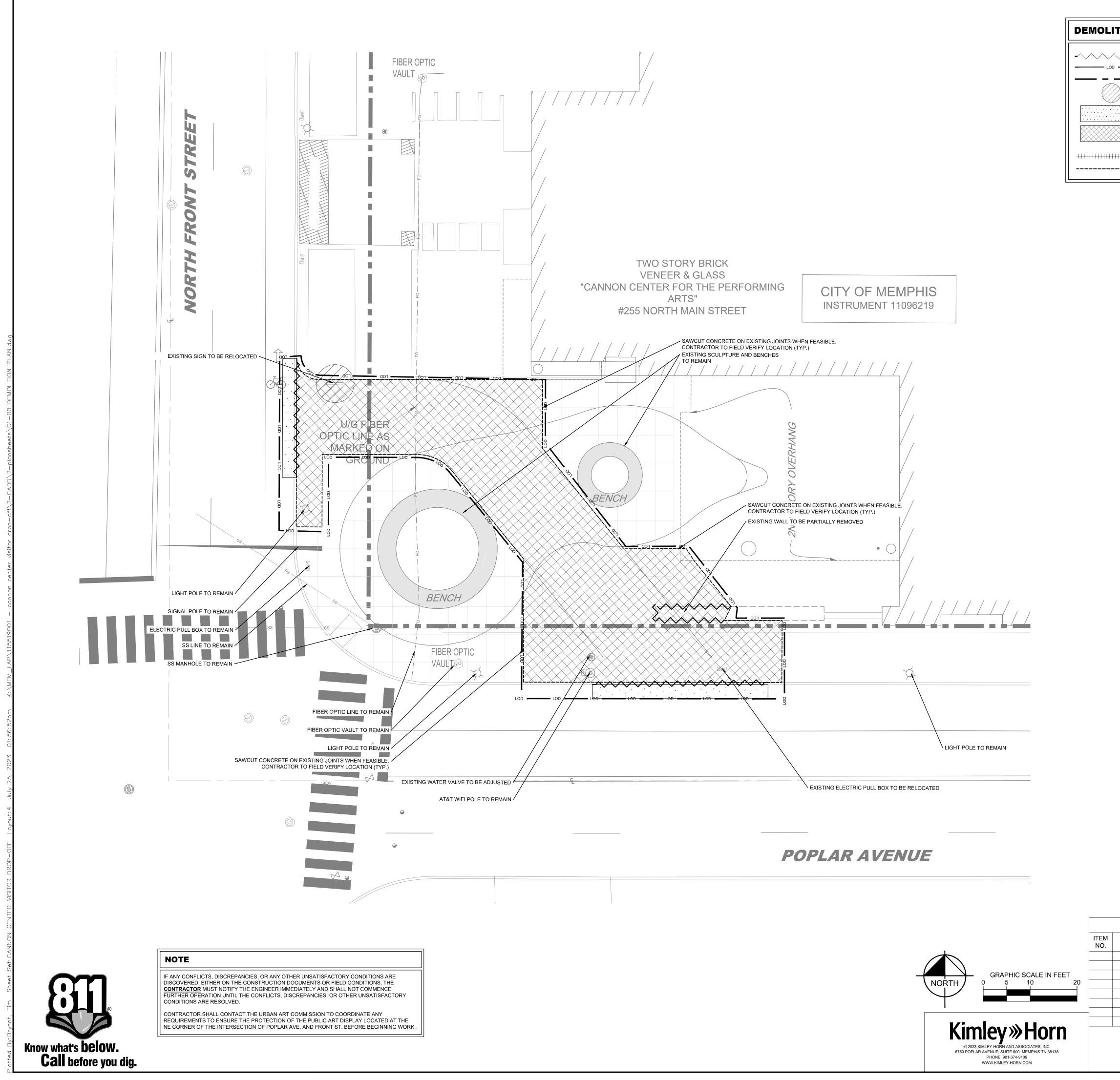
DATE

REVISION

DESCRIPTION OF

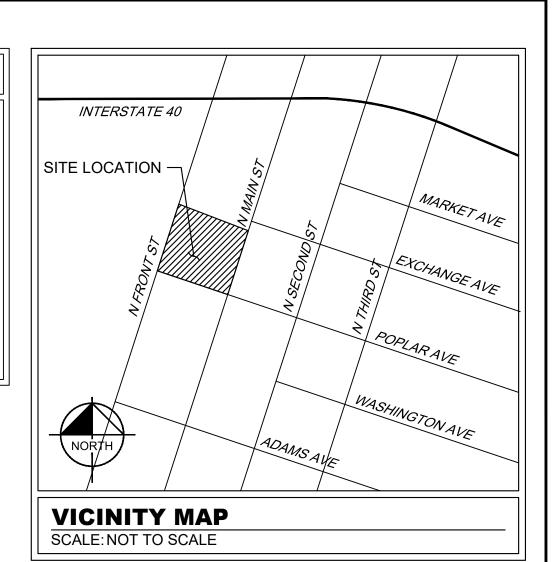
CHANGE

DEPUTY CITY ENGINEER DATE CITY ENGINEER



DEMOLITION LEGEND

| ~~~~ | REMOVE EXISTING CURB, PLANTER, OR WALL |
|---------------------------------------|--|
| | LIMITS OF DISTURBANCE |
| | PROPERTY LINE |
| | REMOVE EXISTING TREE, STRUCTURE OR UTILITY |
| · · · · · · · · · · · · · · · · · · · | REMOVE EXISTING ASPHALT PAVEMENT |
| | REMOVE EXISTING CONCRETE PAVEMENT |
| ++++++++ | REMOVE EXISTING UTILITY LINE/FENCE |
| | SAWCUT LINE |



GENERAL DEMOLITION NOTES

- WITHIN THE SUBJECT PROPERTY, THE INTENT IS TO HAVE A CLEAN AND CLEAR SITE, FREE OF ALL EXISTING ITEMS NOTED TO BE REMOVED IN ORDER TO PERMIT THE CONSTRUCTION OF THE NEW PROJECT.
- ALL SEDIMENT AND EROSION CONTROLS SHALL BE IN PLACE PRIOR TO START OF DEMOLITION AND CLEARING AND GRUBBING OPERATIONS. EROSION CONTROL MEASURES SHALL CONFORM TO THE STANDARDS OF THE
- TENNESSEE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (TDEC). REMOVE AND DISPOSE OF ANY SIDEWALKS, FENCES, STAIRS, WALLS, RETAINING WALLS, DEBRIS AND RUBBISH REQUIRING REMOVAL FROM THE WORK AREA IN AN APPROVED OFF SITE LANDFILL.
- THE CONTRACTOR SHALL SECURE ALL PERMITS FOR DEMOLITION AND DISPOSAL OF DEMOLITION MATERIAL TO BE REMOVED FROM THE SITE. THE CONTRACTOR SHALL POST BONDS AND PAY PERMIT FEES AS REQUIRED.
- THE CONTRACTOR SHALL PREPARE ALL DOCUMENTS AS REQUIRED PRIOR TO DEMOLITION. THE PLANS MAY NOT REFLECT ALL UTILITIES ON THE SITE OR SURROUNDING
- STREETS AND PROPERTIES. THE CONTRACTOR SHALL VERIFY LOCATIONS AND EXISTENCE OF UTILITY SERVICES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL TENNESSEE ONE CALL AND HAVE UTILITY LOCATIONS COMPLETED PRIOR TO CONSTRUCTION. FOR ALL ITEMS NOTED TO BE REMOVED - REMOVE NOT ONLY THE ABOVE
- GROUND ELEMENTS, BUT ALL UNDERGROUND ELEMENTS AS WELL INCLUDING BUT NOT NECESSARILY LIMITED TO: FOUNDATIONS, GRAVEL FILLS, TREE ROOTS, OLD PIPES, ETC. BACK FILL ALL EXCAVATIONS RESULTING FROM THE DEMOLITION WORK TO
- MEET THE REQUIREMENTS FOR FILL OUTLINED IN THE GEOTECHNICAL RFPORT THE CONTRACTOR SHALL PROTECT ALL IRON PINS, MONUMENTS AND
- PROPERTY CORNERS DURING DEMOLITION. ANY CONTRACTOR DISTURBED PINS, MONUMENTS, ETC. SHALL BE RESET BY A LICENSED LAND SURVEYOR AT THE EXPENSE OF THE CONTRACTOR. 0. THE CONTRACTOR SHALL RESTORE ANY UTILITY STRUCTURE, PIPES,
- PAVEMENT, CURBS, SIDEWALKS OR LANDSCAPED AREAS DISTURBED DURING DEMOLITION WHICH WERE NOT IDENTIFIED FOR DEMOLITION TO THEIR ORIGINAL CONDITION TO THE SATISFACTION OF THE OWNER. 11. NO CONDUIT OR PIPE WILL BE ABANDONED IN PLACE. ALL CONDUITS AND
- PIPES SHALL BE REMOVED. 12. THE CONTRACTOR SHALL CONTROL DUST LEAVING THE SITE DURING DEMOLITION AND CONSTRUCTION. ALL STREETS SHALL BE KEPT CLEAR AND
- FREE OF DIRT AND DEBRIS. 13. THE CONTRACTOR SHALL VERIFY EXISTING DATA AND REPORT ANY DISCREPANCIES TO THE PROJECT MANAGER. 14. THE CONTRACTOR SHALL PROTECT SURROUNDING BUILDING UTILITY
- SERVICES DURING CONSTRUCTION AND COORDINATE ALL SERVICE IMPACTS WITH OWNER. 15. THE CONTRACTOR SHALL EXERCISE CAUTION WITH ALL EXCAVATIONS AND BE
- PREPARED FOR SOFT DIG PROCEDURES WHERE UTILITY CONFLICTS EXIST. 16. THIS DEMOLITION PLAN IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION AND FOR THE DEMOLITION, REMOVAL, OR RELOCATION OF ITEMS IN CONFLICT
- WITH THE PROPOSED CONSTRUCTION. THE SCOPE OF DEMOLITION IS NOT LIMITED EXCLUSIVELY TO THE WORK INDICATED ON THE DEMOLITION PLAN. THE CONSTRUCTION DOCUMENTS ARE PROVIDED AS A GENERAL GUIDE FOR DEMOLITION, TO ASSIST THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ADDITIONAL DEMOLITION THAT MAY BE REQUIRED FOR PROPER INSTALLATION OF NEW WORK. THE CONTRACTOR SHALL REVIEW ALL CONSTRUCTION
- DOCUMENTS FOR ADDITIONAL INFORMATION AND REQUIREMENTS. 18. THE CONTRACTOR SHALL PROTECT ALL ITEMS SPECIFICALLY NOTED TO REMAIN. IF ITEMS ARE DAMAGED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL REPAIR OR REPLACE ITEMS, AT NO ADDITIONAL COST TO
- THE OWNER. 19. ALL UTILITIES NOT SPECIFICALLY MARKED FOR DEMOLITION SHALL BE PROTECTED THROUGHOUT CONSTRUCTION. SPECIAL SUPPORTS, BRACING,
- SHORING SHOULD BE PROVIDED AND ACCOUNTED FOR TO PROTECT EXISTING UTILITIES TO REMAIN. 20. THE CONTRACTOR SHALL SCHEDULE AND COORDINATE ALL UTILITY
- DEMOLITION, SHUTOFFS, AND SWITCHOVERS WITH THE OWNER AND THE RESPECTIVE UTILITY COMPANY. 21. THE CONTRACTOR SHALL REPAIR ALL SURROUNDING PAVEMENTS, SIDEWALKS, AND CURBS DAMAGED BY CONSTRUCTION OPERATIONS AT NO
- ADDITIONAL COST. 22. ALL UTILITY BOXES, MANHOLES, VALVES, POLES, AND OTHER
- APPURTENANCES SHALL BE ADJUSTED TO FINISHED GRADE. 23. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LIMITS OF
- PAVEMENT REMOVAL AND REPLACEMENTS NEEDED TO COMPLETE THE PROPOSED IMPROVEMENTS. 24. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING FLOW IN THE EXISTING
- STORM AND SANITARY SEWER SYSTEMS THROUGHOUT CONSTRUCTION. TEMPORARY BYPASS PUMPING OR DIVERSION PIPES MAY BE REQUIRED.
- 25. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN CONJUNCTION WITH CITY REQUIREMENTS.

BENCHMARK CITY OF MEMPHIS BENCH MARK # 1406: LOCATED AT THE INTERSECTION OF DANNY THOMAS BOULEVARD & WASHINGTON AVENUE. ELEVATION = 229.89 (NAVD88)

100 YEAR FLOOD ELEVATION 233.00± PER F.E.M.A PANEL 470177 0270F DATED SEPTEMBER 28, 2007, THIS PROPERTY IS LOCATED IN ZONE X "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN".

| SEWER BASIN ID: FS-2 | |
|----------------------------------|--|
| DRAINAGE BASIN: GAYOSO BAYOU 1-G | |
| | |

DWG NO. C1-00

| SHEET <u>1</u> OF <u>1</u> | |
|----------------------------|--|
| DIVISION OF ENGINEERING | |

DEMOLITION PLAN

LOC

DATE

| CATION: 255 N MAIN STREET | |
|---------------------------|--|
| MEMPHIS, TN 38103 | |
| | |

SURVEY HARRIS & ASSOC. DATE: 04/17/2023 BOOK: SEE SURVEY DESIGN BY KHA DATE: 07/18/2023 SCALE: AS NOTED

VISITOR DROP-OFF OWNER: CANNON CENTER FOR THE PERFORMING ARTS ENGINEER: KIMLEY-HORN AND ASSOCIATES. INC.

CANNON CENTER

APPROVAL

DATE

REVISION

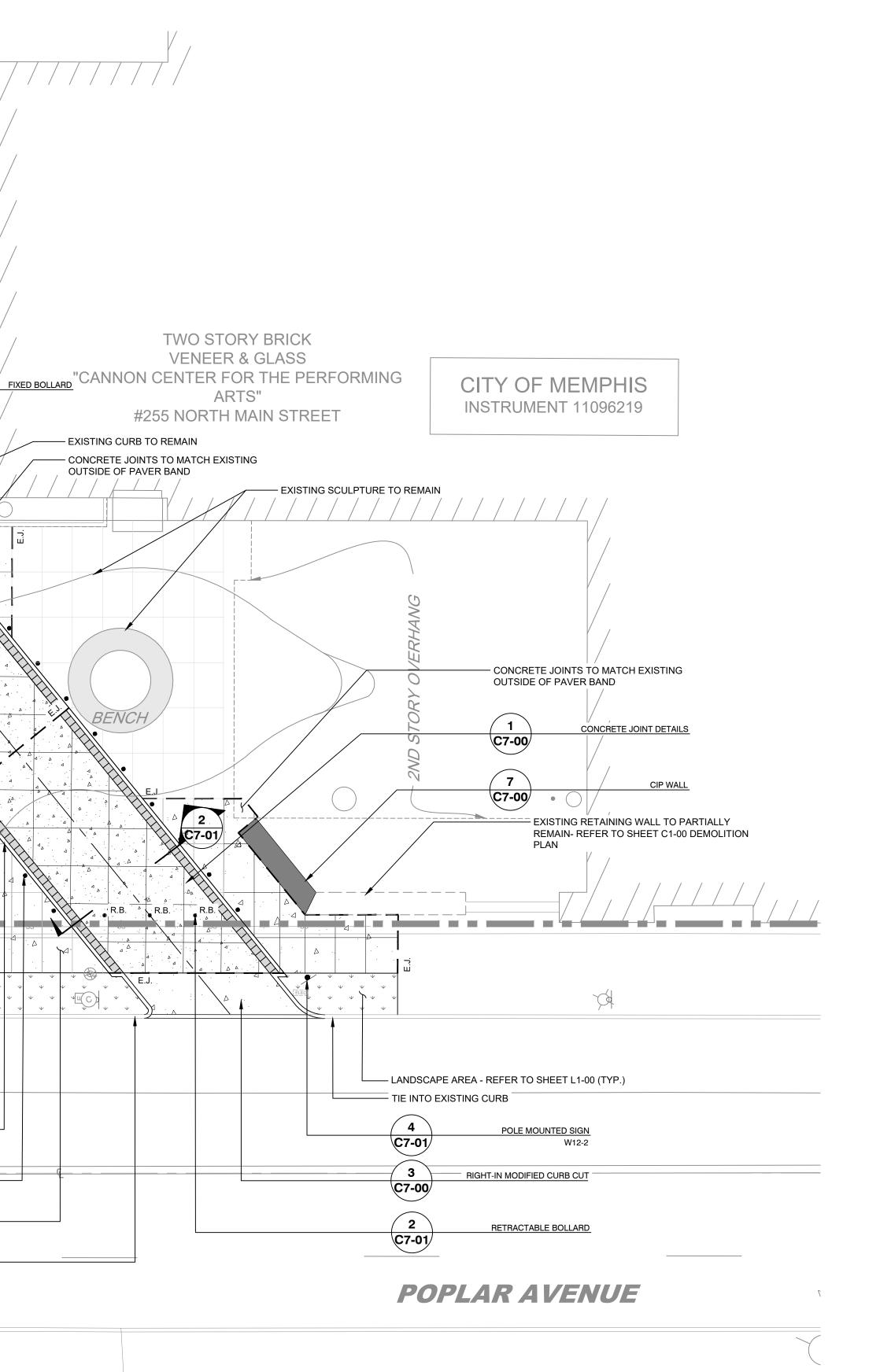
DESCRIPTION OF

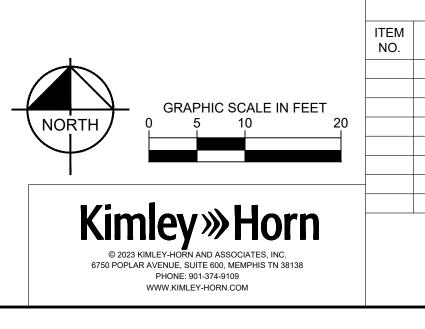
CHANGE

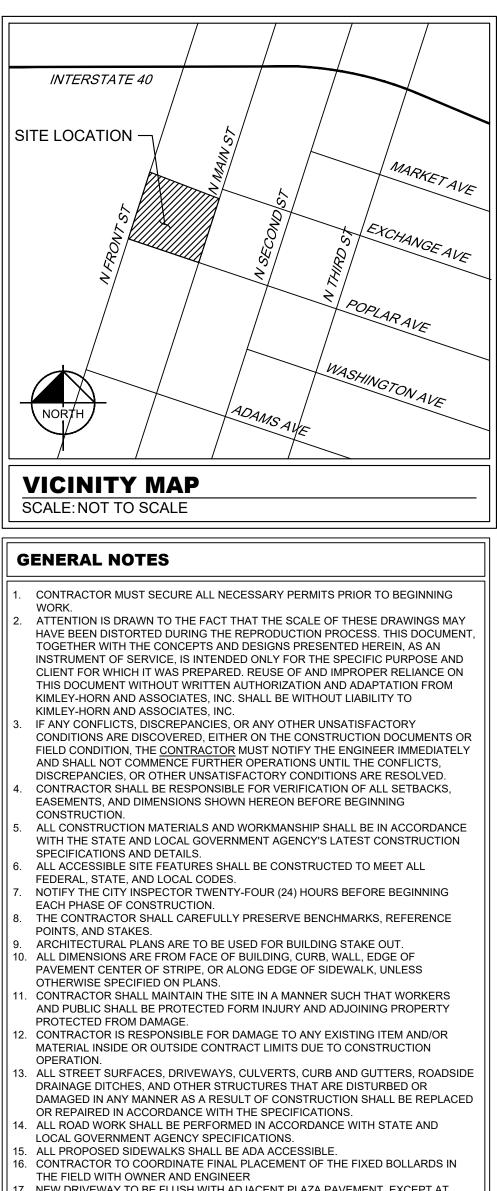
DEPUTY CITY ENGINEER DATE CITY ENGINEER

L 5 · · · · · $\nu \rightarrow \psi \rightarrow \psi$ V V V V $\nu \quad \psi \quad \psi \quad \psi$ $\psi \psi \psi$ + + + + **C7-01** $\psi \psi \psi \psi$ V V V V V V V V V V V $\checkmark \lor \lor \lor$ $\psi \quad \psi \quad \psi$ * * * * TIE INTO EXISTING CURB \vee \vee \vee **4** $\forall \quad \forall \quad \forall$ POLE MOUNTED SIGN R3-2 **\C7-01**∕ 54 6 RIGHT-OUT MODIFIED CURB CUT **\C7-00**∕ 2 RETRACTABLE BOLLARD 📕 R.B. . **C7-01** ´4 ` POLE MOUNTED SIGN × × R5-1 **C7-01** \vee \vee \checkmark V V \checkmark LANDSCAPE AREA - REFER **→** TO SHEET L1-00 (TYP.) Ϋ́ς, \checkmark $\land \downarrow$ BENCH SS ______SS _____SS _____SS ____ Ó (2 ` VEHICULAR CONCRETE PAVEMENT **∖**C7-00∕ **4** PAVER BAND **C7-00** 71 FIXED BOLLARD S **\C7-01**∕ CONCRETE JOINTS TO MATCH EXISTING OUTSIDE OF PAVER BAND TIE INTO EXISTING CURB -









NEW DRIVEWAY TO BE FLUSH WITH ADJACENT PLAZA PAVEMENT, EXCEPT AT CURB CUTS. REFER TO SHEET C3-00 - GRADING AND DRAINAGE PLAN

LEGEND **CITY OF MEMPHIS STANDARD NOTES** EXISTING BUILDING WALL NO TREES, SHRUBS, PERMANENT STRUCTURES, OR OTHER UTILITIES PROPOSED RETAINING WALL (EXCEPT FOR CROSSINGS) WILL BE ALLOWED WITHIN SANITARY SEWER EASEMENT. NO OTHER UTILITIES OR SERVICES MAY OCCUPY SANITARY SEWER EASEMENTS IN PRIVATE DRIVES AND YARDS EXCEPT PROPOSED STANDARD CONCRETE PAVEMENT · 🛆 🛆 FOR CROSSINGS. THE CITY OF MEMPHIS SHALL HAVE INGRESS/EGRESS RIGHTS TO USE PROPOSED DECORATIVE CONCRETE PAVEMENT PRIVATE DRIVES AND YARDS FOR THE PURPOSE OF MAINTAINING ALL ۵. ۵ × PUBLIC SEWER LINES AND SHALL BEAR NO RESPONSIBILITY FOR THE MAINTENANCE OF SAID PRIVATE DRIVES AND YARDS. 12" x 12" PAVER BAND PLEASE BE ADVISED THAT A BUILDING PERMIT ISSUED BY THE MEMPHIS/SHELBY COUNTY OFFICE OF CONSTRUCTION CODE ENFORCEMENT DOES NOT ALLOW FOR ALTERATIONS AND/OR IMPROVEMENTS TO ANY RIGHT-OF-WAY (ROW) MAINTAINED BY THE CITY OF MEMPHIS. ALTERATIONS AND/OR IMPROVEMENTS TO THE CITY FIXED BOLLARD OF MEMPHIS ROW INCLUDE BUT ARE NOT LIMITED TO WORK PERFORMED ON SIDEWALKS, CURB AND GUTTER, DRIVE APRONS, AND _●R.B. RETRACTABLE BOLLARD UTILITY TIE-INS. ROW PERMITS MUST BE OBTAINED FROM THE MEMPHIS CITY ENGINEER'S OFFICE AT (901) 636-6700. _____ E.J. EXPANSION JOINT THE AREAS DENOTED BY "RESERVED FOR STORM WATER DETENTION" SHALL NOT BE USED AS A BUILDING SITE OR FILLED WITHOUT FIRST OBTAINING WRITTEN PERMISSION FROM THE CITY ENGINEER. THE PROPERTY LINE STORM WATER DETENTION SYSTEMS LOCATED IN THESE AREAS, EXCEPT FOR THOSE PARTS LOCATED IN A PUBLIC DRAINAGE ----- BUILDING OVERHANG EASEMENT, SHALL BE OWNED AND MAINTAINED BY THE PROPERTY OWNER AND/OR PROPERTY OWNERS' ASSOCIATION. SUCH MAINTENANCE SHALL BE PERFORMED SO AS TO ENSURE THAT THE SYSTEM OPERATES IN ACCORDANCE WITH THE APPROVED PLAN ON FILE IN THE CITY ENGINEER'S OFFICE. SUCH MAINTENANCE SHALL BENCHMARK CITY OF MEMPHIS BENCH MARK # 1406: LOCATED AT THE INTERSECTION OF DANNY THOMAS INCLUDE, BUT NOT BE LIMITED TO REMOVAL OF SEDIMENTATION, FALLEN OBJECTS, DEBRIS AND TRASH, MOWING, OUTLET CLEANING, BOULEVARD & WASHINGTON AVENUE. ELEVATION = 229.89 (NAVD88) AND REPAIR OF DRAINAGE STRUCTURES. 100 YEAR FLOOD ELEVATION 233.00± PER F.E.M.A PANEL 470177 0270F DATED SEPTEMBER 28, 2007, THIS PROPERTY IS LOCATED IN ZONE X "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN". SEWER BASIN ID: FS-2 DWG NO. DRAINAGE BASIN: GAYOSO BAYOU 1-G REVISION C2-00 APPROVAL DESCRIPTION OF CHANGE DATE SHEET <u>1</u> OF <u>2</u> DIVISION OF ENGINEERING HARDSCAPE PLAN

LOCATION: 255 N MAIN STREET MEMPHIS, TN 38103

SURVEY HARRIS & ASSOC. DATE: 04/17/2023 BOOK: SEE SURVEY

DESIGN BY KHA DATE: 07/18/2023 SCALE: AS NOTED

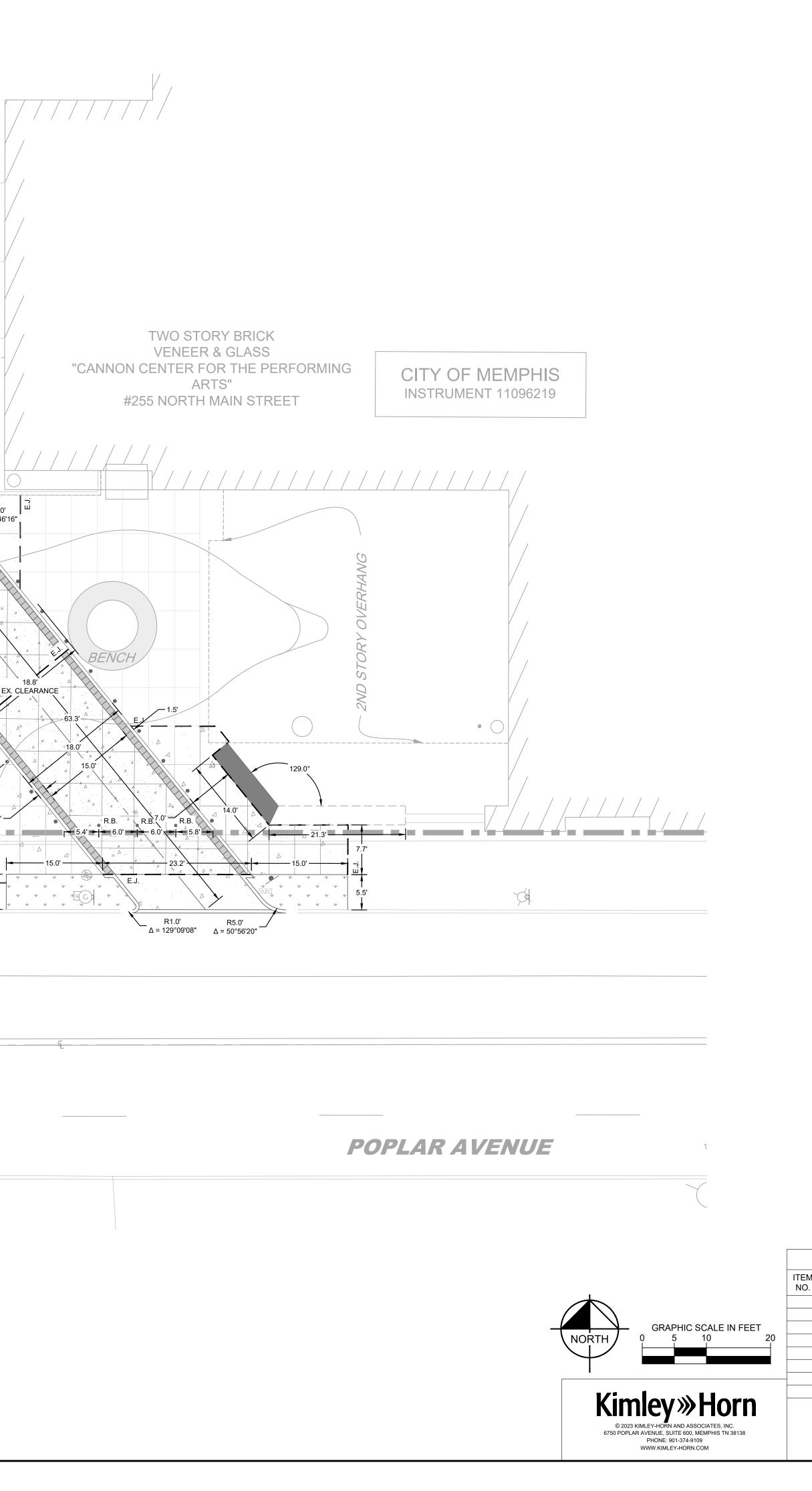
VISITOR DROP-OFF OWNER: CANNON CENTER FOR THE PERFORMING ARTS ENGINEER: KIMLEY-HORN AND ASSOCIATES, INC.

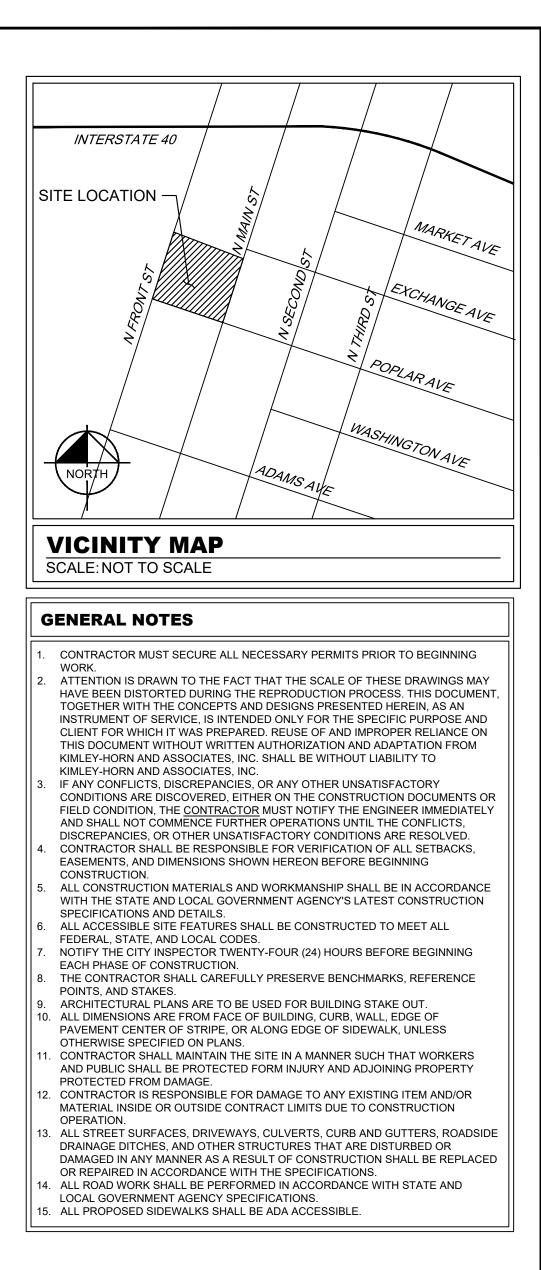
CANNON CENTER

DEPUTY CITY ENGINEER DATE CITY ENGINEER

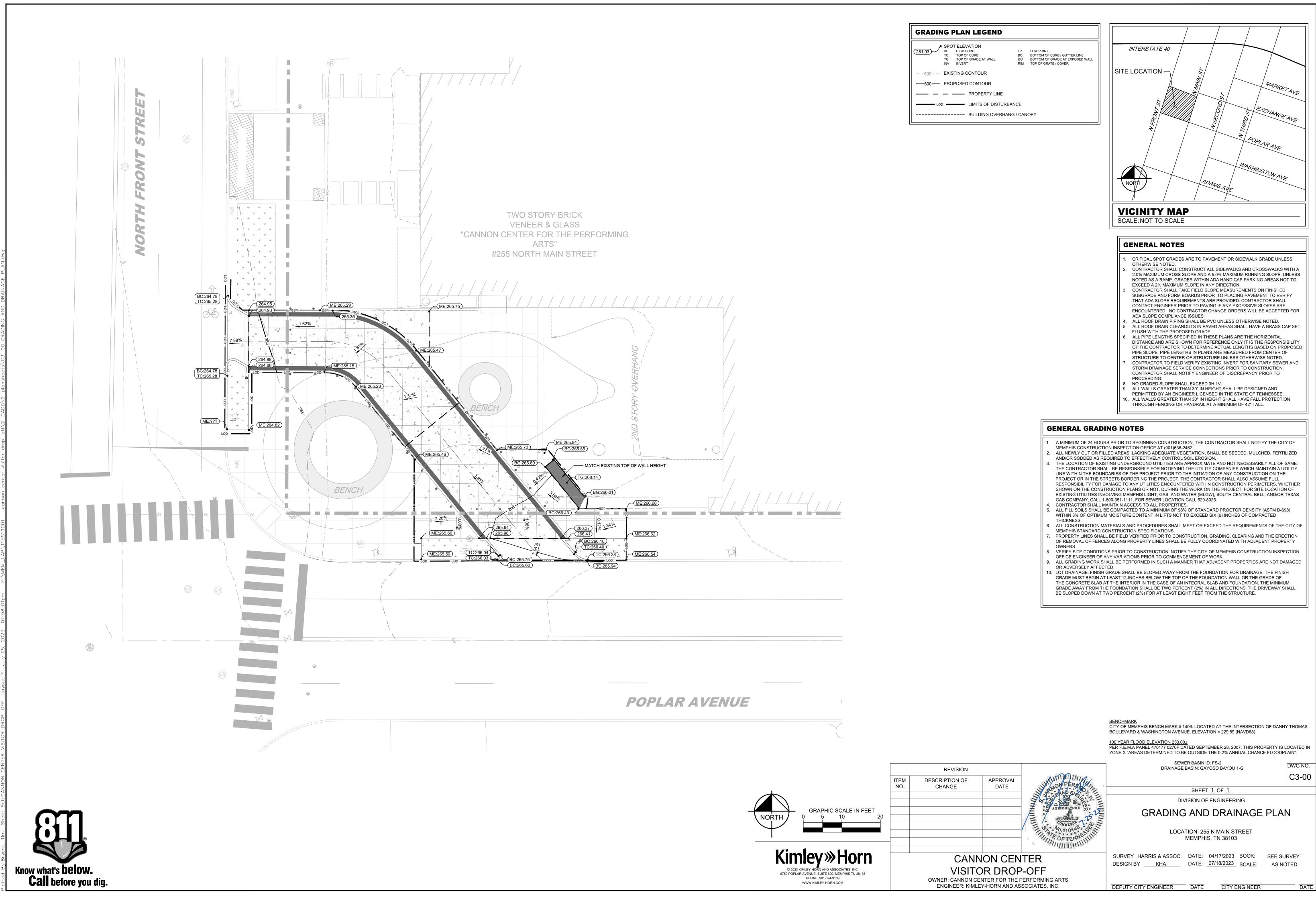
Ш 5 E -J + + + + ■ · · · · · ψ ψ ψ V V V V $\psi \psi \psi$ V V V V ψ ψ ψ ¥ ¥ ¥ ¥ ψ ψ ψ \vee $\vee \quad \vee \quad \vee \quad \vee$ $\Psi \quad \Psi \quad \Psi$ $\psi \quad \psi \quad \psi \quad \psi$ $\psi \quad \psi \quad \psi$ V V V V R5.0 ∆=60°04'52" R28.0' ⊿ 5.0' _____Δ = 50°46'16" 1 A R2.0' - A' R20.0' ∆=119°52'29" [⊿] Δ = 50°46'16" -_ ∠5.0' R10.0' Δ = 50°46'16" \checkmark $\vee \quad \vee$ 15.0' \vee $\forall \quad \forall$ * \checkmark - 5.5' -6.0' BENCH S

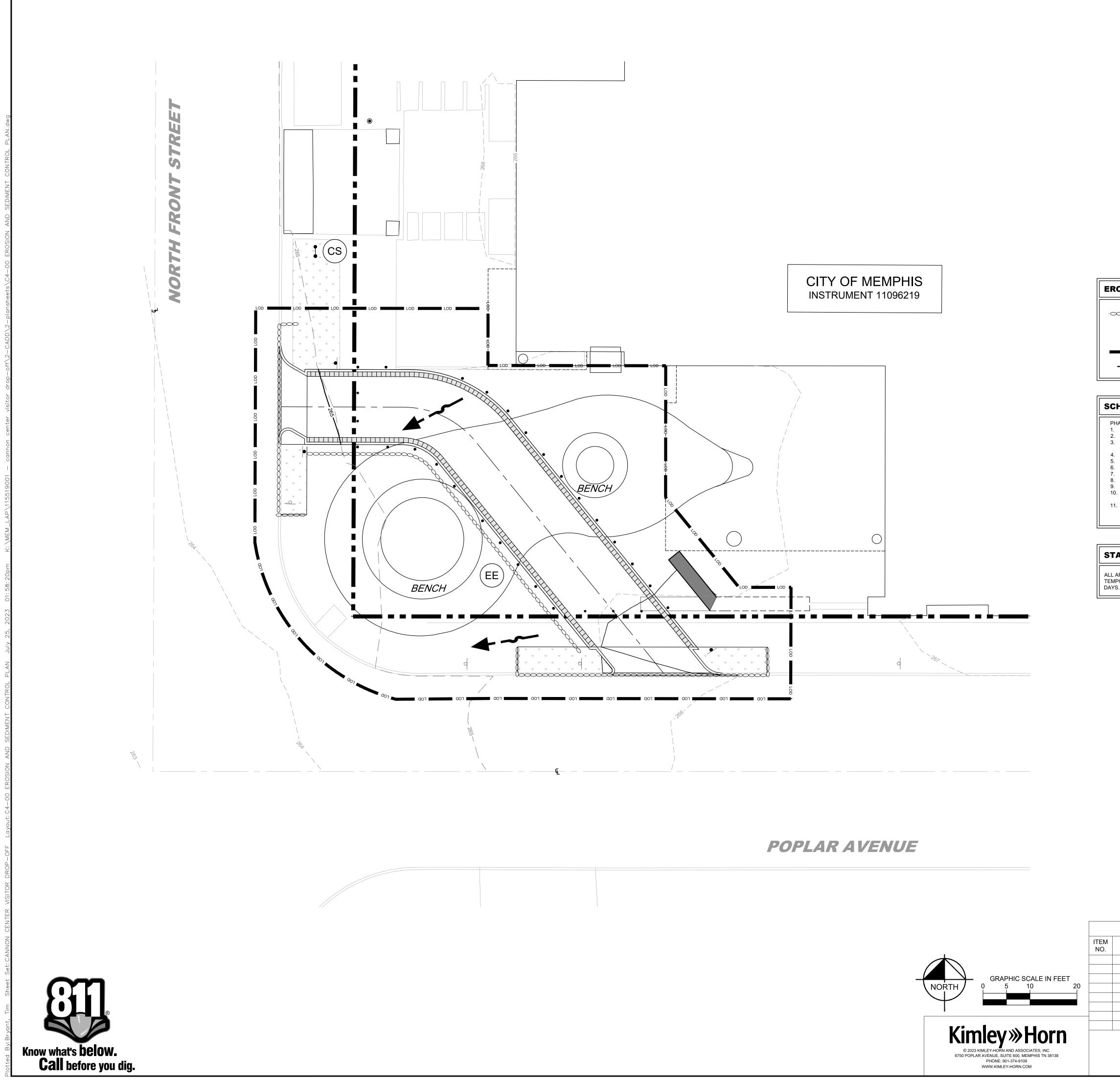
Know what's **below. Call** before you dig.





| CITY OF ME | MPHIS STAN | IDARD NOTES | LEGEND | |
|--------------------------------------|--|---|---|----------------|
| (EXCEPT FOR CF | ROSSINGS) WILL BE / | RUCTURES, OR OTHER UTILITIES ALLOWED WITHIN SANITARY ITIES OR SERVICES MAY OCCUPY | EXISTING BUILDING WALL | |
| | R EASEMENTS IN PF | RIVATE DRIVES AND YARDS EXCEPT | PROPOSED RETAINING WALL | |
| 2. THE CITY OF MEI PRIVATE DRIVES | MPHIS SHALL HAVE AND YARDS FOR TH | INGRESS/EGRESS RIGHTS TO USE HE PURPOSE OF MAINTAINING ALL AR NO RESPONSIBILITY FOR THE | PROPOSED STANDARD CONCRETE PAVEMENT | |
| MAINTENANCE O 3. PLEASE BE ADVI | F SAID PRIVATE DRI SED THAT A BUILDIN | VES AND YARDS. IG PERMIT ISSUED BY THE | PROPOSED DECORATIVE CONCRETE PAVEMENT | |
| ENFORCEMENT | DOES NOT ALLOW F | DF CONSTRUCTION CODE OR ALTERATIONS AND/OR VAY (ROW) MAINTAINED BY THE | 12" x 12" PAVER BAND | |
| OF MEMPHIS RO | W INCLUDE BUT ARE | ND/OR IMPROVEMENTS TO THE CITY E NOT LIMITED TO WORK AND GUTTER, DRIVE APRONS, AND | | |
| UTILITY TIE-INS. | | T BE OBTAINED FROM THE | FIXED BOLLARD | |
| 4. THE AREAS DEN | OTED BY "RESERVE | D FOR STORM WATER DETENTION" | RETRACTABLE BOLLARD | |
| OBTAINING WRIT | TEN PERMISSION F | ROM THE CITY ENGINEER. THE | | |
| EXCEPT FOR TH | OSE PARTS LOCATE | S LOCATED IN THESE AREAS, D IN A PUBLIC DRAINAGE MAINTAINED BY THE PROPERTY | BUILDING OVERHANG | |
| | DRAINAGE STRUCTU | | 100 YEAR FLOOD ELEVATION 233.00± PER F.E.M.A PANEL 470177 0270F DATED SEPTEMBER 28, 2007, THIS PROPERTY IS ZONE X "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD SEWER BASIN ID: FS-2 | PLAIN". |
| REVISION | | | DRAINAGE BASIN: GAYOSO BAYOU 1-G | DWG NO. |
| DESCRIPTION OF | APPROVAL | NY NPEPO | | C2-50 |
| CHANGE | DATE | THE REPENCY | SHEET <u>2</u> OF <u>2</u> | |
| | | Toto A Lize | DIVISION OF ENGINEERING | |
| | | AGENCULTURE T | SITE LAYOUT PLAN | |
| | | 01. No. 110140.54 | LOCATION: 255 N MAIN STREET MEMPHIS, TN 38103 | |
| | NON CEN OR DROF | | | URVEY IOTED |
| OWNER: CANNON C | ENTER FOR THE EY-HORN AND AS | | DEPUTY CITY ENGINEER DATE CITY ENGINEER | DATE |
| | | | DEI OTT CITT ENGINEER | DATE |





EROSION CONTROL LEGEND (CS) CONSTRUCTION SIGN •--• LIMITS OF DISTURBANCE - (0.17 ± ACRES) FLOW ARROWS -----

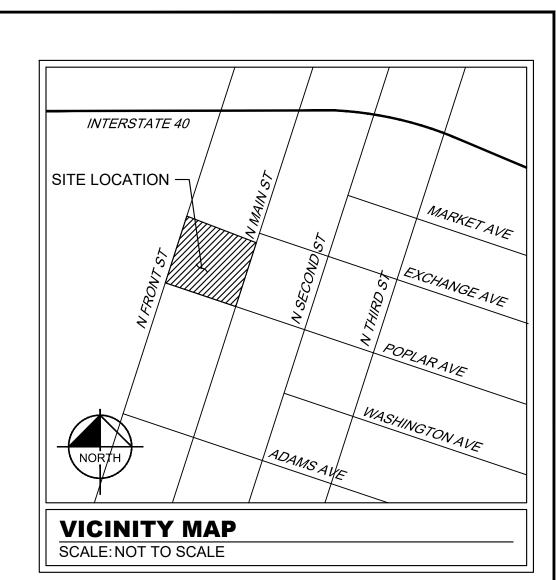
SCHEDULE NOTES

- PHASE I: I. INSTALL STABILIZED CONSTRUCTION EXIT. INSTALL CONCRETE WASHOUT PIT.
- INSTALL INLET PROTECTION AT EXISTING STORMWATER INLETS. INSTALL EROSION EELS AS SHOWN ON THE PHASE I PLAN. PREPARE TEMPORARY PARKING AND STORAGE AREA. PERFORM DEMOLITION AND CLEARING OF THE SITE. BEGIN GRADING ACTIVITIES.
- BEGIN DRIVEWAY CONSTRUCTION. COMPLETE GRADING
- 10. STABILIZE SOIL BY SEEDING AND/OR SODDING, AND LANDSCAPING. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES ONCE THE SITE HAS BEEN STABILIZED.

STABILIZATION NOTES

ALL AREAS WHERE CONSTRUCTION HAS CEASED, EITHER TEMPORARILY OR PERMANENTLY, MUST BE STABILIZED WITHIN 14

> ALL CONCRETE WASHOUT TO BE COMPLETED OFFSITE AT AN APPROVED FACILITY.



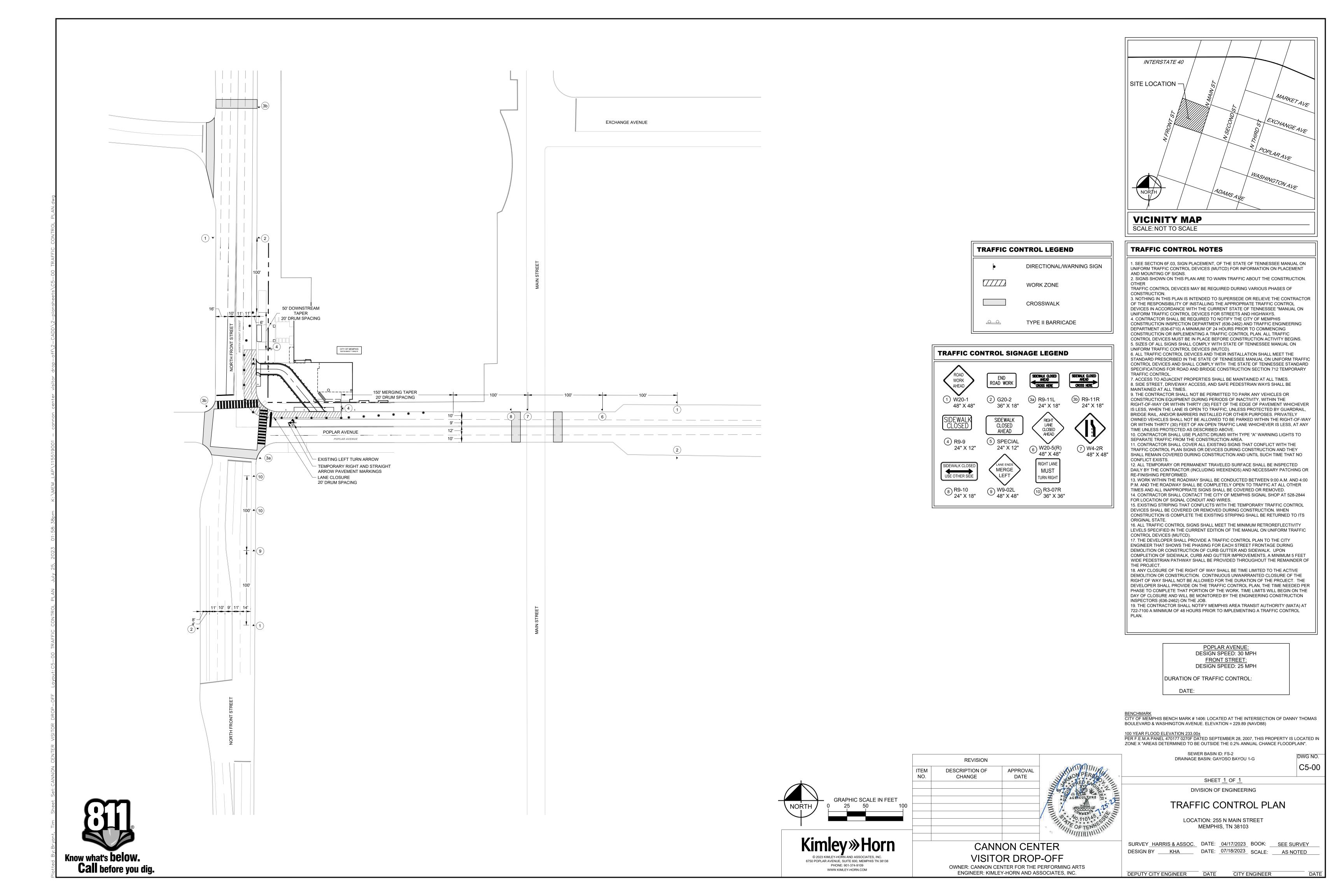
EROSION CONTROL NOTES

- A MINIMUM OF 24 HOURS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE CITY OF MEMPHIS CONSTRUCTION INSPECTION OFFICE. ALL NEWLY CUT OR FILLED AREA, LACKING ADEQUATE VEGETATION, SHALL BE SEEDED, MULCHED, FERTILIZED, AND/OR SODDED AS REQUIRED TO EFFECTIVELY CONTROL SOIL EROSION.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES. ALL FILL SOILS SHALL BE COMPACTED TO A MINIMUM OF 95% OF STANDARD PROCTOR DENSITY (ASTM D-698) WITHIN 3% OF OPTIMUM MOISTURE CONTENT IN LIFTS NOT TO EXCEED SIX INCHES
- OF COMPACTED THICKNESS. ALL CONSTRUCTION MATERIALS AND PROCEDURES SHALL MEET OR EXCEED THE REQUIREMENTS OF THE CITY OF MEMPHIS STANDARD CONSTRUCTION SPECIFICATIONS. PROPERTY LINES SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION. GRADING, CLEARING, AND
- THE ERECTION OR REMOVAL OF FENCES ALONG PROPERTY LINES SHALL BE FULLY COORDINATED WITH ADJACENT PROPERTY OWNERS. VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY THE CITY OF MEMPHIS CONSTRUCTION INSPECTION OFFICE ENGINEER OF ANY VARIATIONS PRIOR TO COMMENCEMENT
- OF WORK. ALL GRADING WORK SHALL BE PERFORMED IN SUCH A MANNER THAT ADJACENT PROPERTIES ARE
- NOT DAMAGED OR ADVERSELY AFFECTED. LOT DRAINAGE: FINISH GRADE SHALL BE SLOPED AWAY FROM THE FOUNDATION FOR DRAINAGE. THE FINISH GRADE MUST BE AT LEAST 12 INCHES BELOW THE TOP OF THE FOUNDATION WALL OR THE GRADE OF THE CONCRETE SLAB AT THE INTERIOR IN THE CASE OF AN INTEGRAL SLAB AND FOUNDATION.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE AND EFFECTIVE EROSION CONTROL AS NECESSARY TO PREVENT ANY SILTATION INTO EXISTING DRAINAGE SYSTEM AND/OR ADJACENT PROPERTIES. ALL EROSION CONTROL MEASURES MUST BE INSTALLED PRIOR TO COMMENCEMENT OF GRADING OPERATIONS AND BE MAINTAINED UNTIL ALL DISTURBED AREAS ON THE SITE HAVE BEEN RESTORED.
- ALL TEMPORARY EROSION CONTROL INSTALLATIONS SHALL REMAIN IN PLACE AND BE MAINTAINED IN GOOD CONDITIONS BY THE CONTRACTOR UNTIL THE SITE HAS BEEN RE-VEGETATED, AT WHICH TIME IT SHALL BE REMOVED. FOR PROPOSED PAVED SURFACE AREAS, THE CONTRACTOR MAY REMOVE NECESSARY SILT FENCE TO CONSTRUCT ROADWAYS, WHILE MAINTAINING ADEQUATE EROSION CONTROL IN ADJACENT AREAS.
- THE CONTRACTOR SHALL SCHEDULE SITE GRADING, UTILITY INSTALLATION AND ROADWAY CONSTRUCTION SO THAT THE GENERAL SITE CAN BE MULCHED AND RE-SEEDED SOON AFTER DISTURBANCE. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED WITHIN 14 DAYS AFTER COMPLETION OF FINAL GRADING OR AFTER 14 DAYS OF GRADING INACTIVITY. INSPECTIONS MUST BE PERFORMED BY AN EROSION PREVENTION AND SEDIMENT CONTROL
- (EPSC) LEVEL I CERTIFIED PERSONNEL, ALL CONTROL MEASURES SHALL BE CHECKED, AND REPAIRED AS NECESSARY, TWICE WEEKLY AT LEAST 72 HOURS APART AND IN DRY PERIODS AND WITHIN 24 HOURS AFTER ANY RAINFALL OF 0.5 INCHES WITHIN A 24 HOUR PERIOD. DURING PROLONGED RAINFALL DAILY CHECKING AND REPAIRING IS NECESSARY. THE PERMITTEE SHALL MAINTAIN RECORDS OF CHECKS AND REPAIRS. A RAIN GAUGE MUST BE MAINTAINED AT THE CONSTRUCTION SITE.
- SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. FABRIC SHOULD BE REPLACED PROMPTLY WHEN IT DECOMPOSES OR BECOMES INEFFECTIVE. ANY SEDIMENT REMAINING AFTER THE SILT FENCE OR FILTER FABRIC IS NO LONGER NEEDED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED WITH THE
- APPROPRIATE SEED MIX, AS DIRECTED BY THE ENGINEER. SILT FENCE SHALL BE REMOVED WHEN IT HAS SERVED ITS USEFUL PURPOSE, BUT NOT BEFORE THE UPWARD SLOPING AREA HAS BEEN PERMANENTLY STABILIZED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL REQUIRED PERMITS HAVE BEEN
- OBTAINED PRIOR TO BEGINNING ANY CONSTRUCTION OR OTHER ACTIVITY ON THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SOIL EROSION CONTROL MEASURES AS NOTED ON THE PLANS AND AS REQUESTED BY THE OWNER DURING CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR SATISFYING THE REQUIREMENTS OF THE STATE OF TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) AS SET FORTH IN THE TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK 4TH EDITION. ALL SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE CONTROL SO AS TO PREVENT ANY SEDIMENT FROM WASHING OFF THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHTS-OF-WAY. THE CONTRACTOR SHALL MAINTAIN A LOG OF ALL MAINTENANCE ACTIVITIES FOR THE EROSION CONTROL ELEMENTS AS REQUIRED BY TDEC.
- 21. A COPY OF THIS PLAN MUST BE AVAILABLE ON SITE. EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATIONS BEGIN, AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORK DAY BUT MUST BE REPLACED AT THE END OF THE WORK DAY.
- 23. THE INTENT OF THE EROSION AND SEDIMENT CONTROL PLAN IS TO MINIMIZE THE RELEASE OF STORM WATER POLLUTANTS TO DOWNSTREAM PROPERTIES AND DRAINAGE SYSTEMS. 24. ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL
- TIMES DURING LAND DISTURBING ACTIVITIES. 25. CONSTRUCTION WILL BE SEQUENCED SO THAT GRADING OPERATIONS CAN BEGIN AND END AS QUICKLY AS POSSIBLE.
- 26. AREAS WHICH ARE NOT TO BE DISTURBED WILL BE CLEARLY MARKED BY FENCING, FLAGS, SIGNS, ETC. 27. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE
- TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE. 28. ALL STORM SEWER INLETS THAT ARE TO BE USED FOR DRAINAGE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM
- WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. 29. PERIODIC INSPECTIONS AND REQUIRED MAINTENANCE MUST BE PROVIDED, ESPECIALLY AFTER EACH SIGNIFICANT STORM. THE PROJECT SUPERINTENDENT SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES.

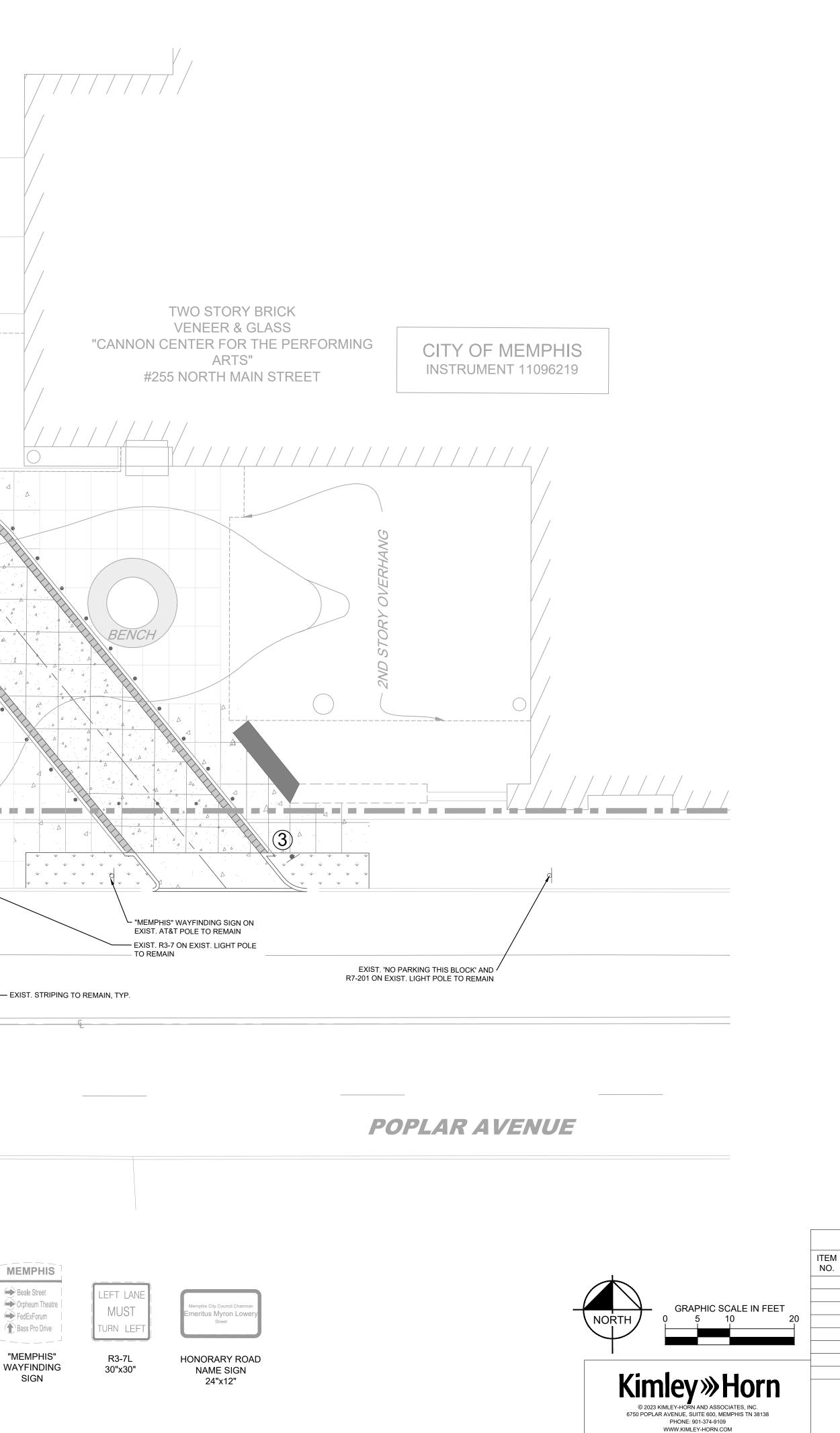
BENCHMARK CITY OF MEMPHIS BENCH MARK # 1406: LOCATED AT THE INTERSECTION OF DANNY THOMAS BOULEVARD & WASHINGTON AVENUE. ELEVATION = 229.89 (NAVD88)

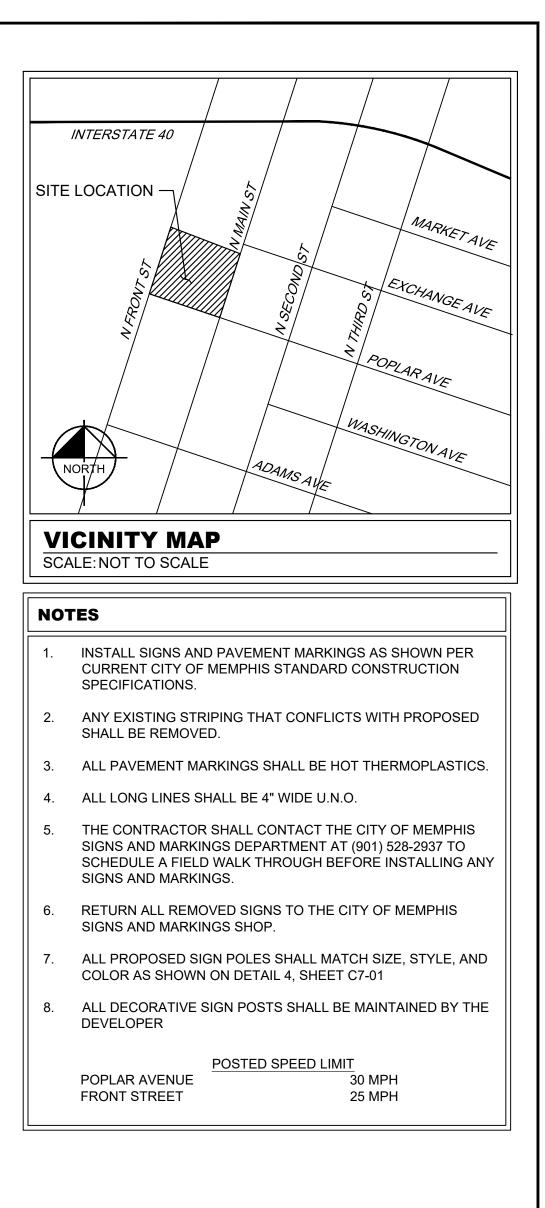
100 YEAR FLOOD ELEVATION 233.00± PER F.E.M.A PANEL 470177 0270F DATED SEPTEMBER 28, 2007, THIS PROPERTY IS LOCATED IN ZONE X "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN".

| | | 1 | SEW | ER BASIN ID: FS-2 | [= | |
|-------------------------------------|----------|------------------------|----------------------|---|-------------------|---------|
| REVISION | | | | BASIN: GAYOSO BAYOU 1-G | L | DWG NO. |
| DESCRIPTION OF | APPROVAL | N PERMIN | | | | C4-00 |
| CHANGE | DATE | ED FAT | | SHEET <u>1</u> OF <u>1</u> | I | |
| | | Store Chill | DI\ | ISION OF ENGINEERING | | |
| | | AGNICULTURE TO .VE | EROSION A | ND SEDIMENT | CONTRO | ЭL |
| | | E / | | PLAN | | |
| | | WAND OF TENNESSING | LOCA | TION: 255 N MAIN STREE MEMPHIS, TN 38103 | Т | |
| CANNON CENTER | | SURVEY HARRIS & ASSOC. | DATE: 04/17/2023 BOC | | VEY | |
| | DR DROF | | DESIGN BY <u>KHA</u> | DATE: 07/18/2023 SCA | LE: <u>AS NOT</u> | ED |
| OWNER: CANNON CE ENGINEER: KIMLE | | | DEPUTY CITY ENGINEER | | IEER | |

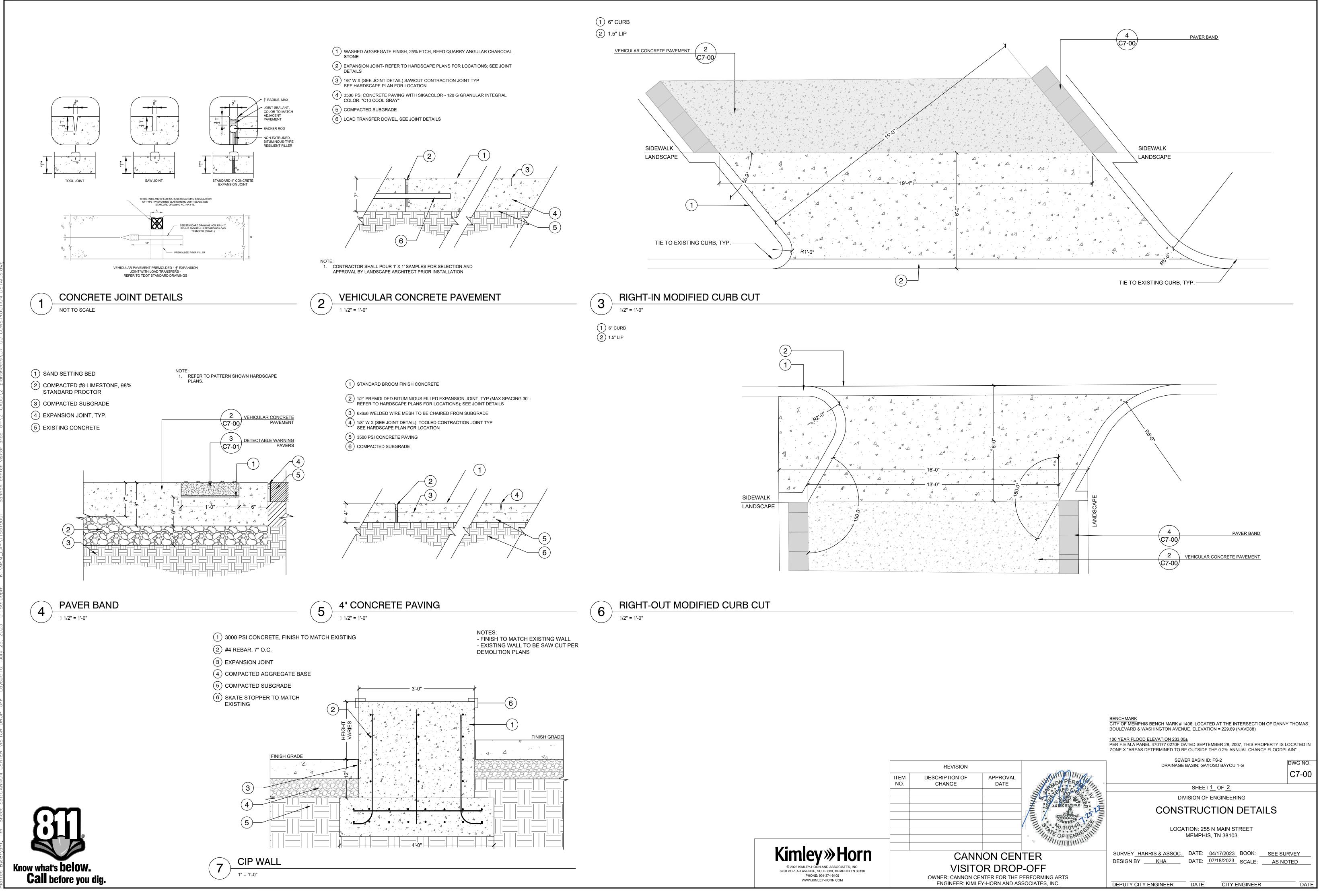


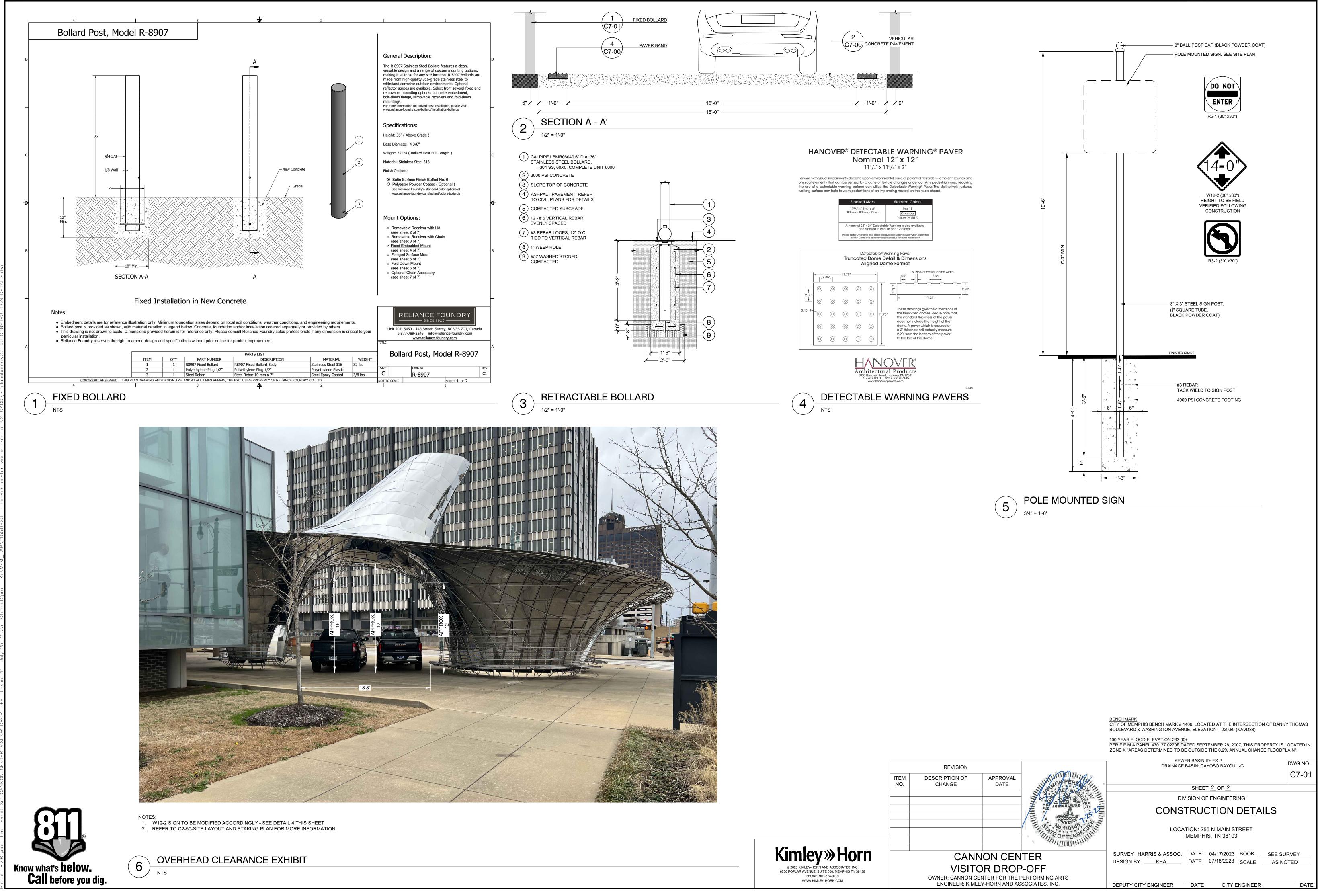
L Ш R 5 Ħ + + + + ψ ψ ψ $\psi \psi \psi$ V V V V $\psi \psi \psi$ V V V V ψ ψ ψ ψ ¥ ¥ ¥ ¥ $\psi \psi \psi$ $\checkmark \qquad \checkmark \qquad \checkmark \qquad \checkmark \qquad \checkmark$ $\psi \psi \psi \psi$ $\psi \quad \psi \quad \psi \quad \psi$ $\psi \quad \psi \quad \psi$ $\psi \quad \psi \quad \psi$ V V V • 石 REFRESH EXIST. BIKE SYMBOL -EXIST. HONORARY ROAD NAME SIGN 🔨 ON EXIST. LIGHT POLE TO REMAIN EXIST. STRIPING TO REMAIN, TYP. *•2 <u>+0</u> + \checkmark BENCH PROPOSED: ALL PROPOSED SIGNS TO BE MOUNTED ON CUSTOM POSTS -EXISTING: SEE DETAILS (2) THIS BLOCK MEMPHIS DO NOT 🗩 Beale Street 🛛 🔶 Orpheum Theatre 🗍 2'=(🗩 FedExForum ENTER Bass Pro Drive TOW-AWAY ZONE "MEMPHIS" R3-2 30"x30" NO PARKING R5-1 W12-2 WAYFINDING 30"x30" THIS BLOCK 30"x30" SIGN 12"x18" HEIGHT TO BE VERIFIED FOLLOWING CONSTRUCTION. R7-201 Know what's **below. Call** before you dig. CONTRACTOR TO PROVIDE 12"x6" ACTUAL HEIGHT





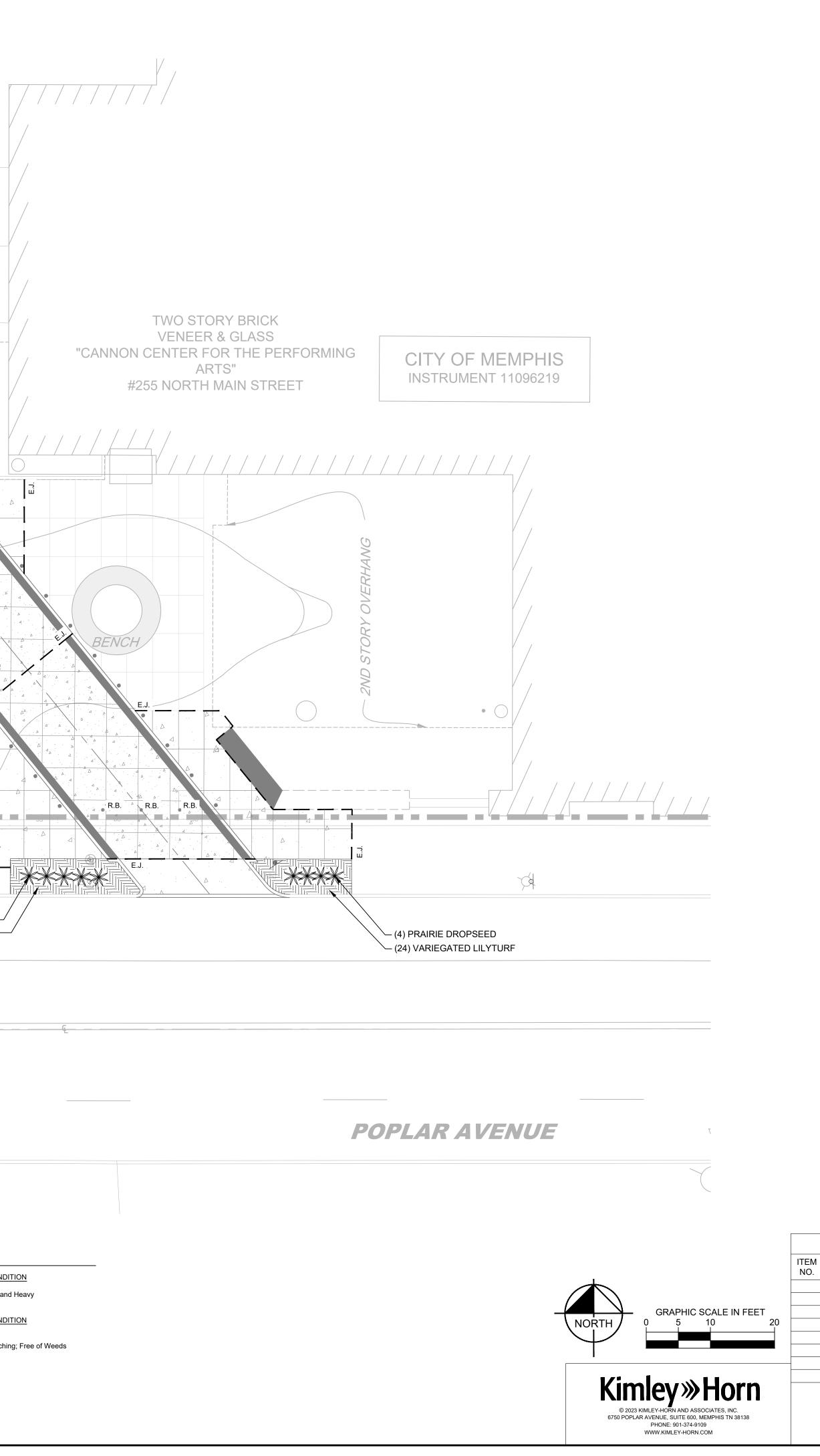
| REVISION | | | | DWG NO. | |
|-------------------------------------|----------|-------------------|--|---------|--|
| DESCRIPTION OF | APPROVAL | NY ON PERMIT | | C6-00 | |
| CHANGE | DATE | REP EN L | SHEET <u>1</u> OF <u>1</u> | | |
| | | | DIVISION OF ENGINEERING | | |
| AGRICULTURE D. 15 | | AGRICULTURE D. J. | SIGNING AND MARKING PLAN | | |
| | | THE OF TENNESSIN | LOCATION: 255 N MAIN STREET MEMPHIS, TN 38103 | | |
| CANNON CENTER | | ITFR | SURVEY HARRIS & ASSOC. DATE: 04/17/2023 BOOK: SEE SUF | RVEY | |
| | DR DROF | | DESIGN BY <u>KHA</u> DATE: <u>07/18/2023</u> SCALE: <u>AS NO</u> | TED | |
| OWNER: CANNON CE ENGINEER: KIMLE | | | CITY TRAFFIC ENGINEER DATE CITY ENGINEER | DATE | |



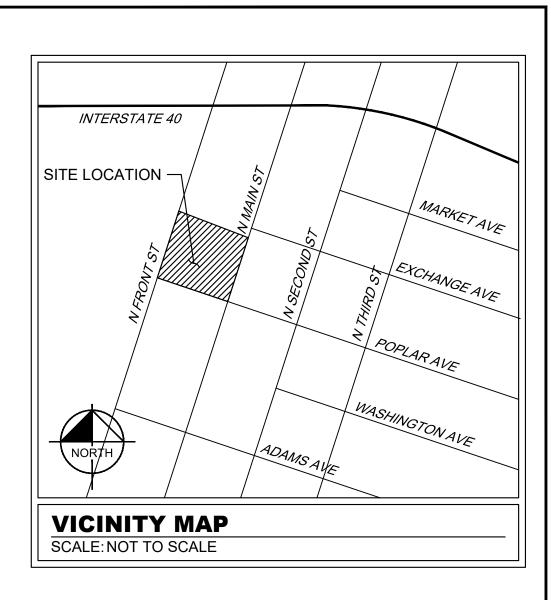


TT. EXISTING LANDSCAPE TO REMAIN-R.B. __ **R.B.** (5) PRAIRIE DROPSEED — (24) VARIEGATED LILYTURF -BENCH Ó (5) PRAIRIE DROPSEED $-\!\!/$ S PLANT SCHEDULE SHRUBS QTY BOTANICAL / COMMON NAME SIZE ROOT CONDITION \ast 14 Sporobolus heterolepis / Prairie Dropseed 24" HT. MIN. Container Full and Heavy GROUND COVERS <u>QTY</u> BOTANICAL / COMMON NAME SPACING CONDITION <u>SIZE</u> Liriope muscari 'Variegata' / VARIEGATED LILYTURF 1 GAL 18" O.C. Matching; Free of Weeds 79

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



| | <u>BENCHMARK</u> CITY OF MEMPHIS BENCH MARK # 1406: LOCATED AT THE INTERSECTION OF DANNY THOMAS BOULEVARD & WASHINGTON AVENUE. ELEVATION = 229.89 (NAVD88) |
|--|--|
| | 100 YEAR FLOOD ELEVATION 233.00± PER F.E.M.A PANEL 470177 0270F DATED SEPTEMBER 28, 2007, THIS PROPERTY IS LOCATED IN ZONE X "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN". |
| REVISION DESCRIPTION OF APPROVAL CHANGE DATE | SEWER BASIN ID: FS-2 DRAINAGE BASIN: GAYOSO BAYOU 1-G L1-00 |
| | SHEET <u>1</u> OF <u>2</u> DIVISION OF ENGINEERING |
| AGRICULTURE | |
| THOSEE NO. C. | LOCATION: 255 N MAIN STREET MEMPHIS, TN 38103 |
| CANNON CENTER VISITOR DROP-OFF | SURVEY <u>HARRIS & ASSOC.</u> DATE: <u>04/17/2023</u> BOOK: <u>SEE SURVEY</u> DESIGN BY <u>KHA</u> DATE: <u>07/18/2023</u> SCALE: <u>AS NOTED</u> |
| OWNER: CANNON CENTER FOR THE PERFORMING ARTS ENGINEER: KIMLEY-HORN AND ASSOCIATES, INC. | DEPUTY CITY ENGINEER DATE CITY ENGINEER DATE |
| | |



| | ERAL LANDSCAPE SPECIFICATIONS AND NOTES | CONTRACTOR SHALL PROVIDE SA COST TO THE OWNER. |
|--------|--|---|
| Α. | SCOPE OF WORK | * WATERING/IRRIGATION RESTRIC 1.07 FERTILIZER |
| В. | THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS HEREIN SPECIFIED. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER, INCLUDING TEMPORARY BERMUDA GRASS AREAS. | A. CONTRACTOR SHALL PROVIDE FI TYPE, PLANT INSTALLATION TYPE ORGANIC OR OTHERWISE NATUR * FERTILIZER RESTRICTIONS MAY |
| C. | THE CONTRACTOR SHALL CONTACT THE OWNER AND TENNESSEE ONE CALL AT (800) 351-1111, TWO (2) FULL BUSINESS DAYS PRIOR TO THE BEGINNING OF WORK. | 1.08 MULCH A. MULCH MATERIAL SHALL BE MOIS |
| | THE CITY MUST APPROVE ALL WORK HOURS AND LANE CLOSURE REQUESTS AT LEAST TWO (2) FULL WORKING DAYS IN ADVANCE OF THE START OF ANY SUCH WORK ON A LOCATION BY LOCATION BASIS. THE NDIVIDUAL(S) INSTALLING THE MAINTENANCE OF TRAFFIC SETUP SHALL HAVE COMPLETED A TDOT APPROVED WORK ZONE TRAFFIC CONTROL TRAINING COURSE. DOCUMENTATION SHALL BE FURNISHED TO | AND APPLIED AT A DEPTH OF TH SHALL BE TRIPLE SHREDDED HAP B. ALL PROPOSED TREES WITHIN TU OF NO LESS THAN FOUR (4) FEET |
| E | THE CITY AT THE PRE-CONSTRUCTION MEETING OR PRIOR TO START OF WORK. ALL LANDSCAPE MATERIAL SHALL BE INSTALLED AND MAINTAINED IN A MANNER WHEREBY TRAFFIC CONTROL SIGNAGE AND DEVICES ARE VISIBLE TO MOTORISTS AND PEDESTRIANS. | 1.09 DIGGING AND HANDLING A. PROTECT ROOTS OR ROOT E FREEZING AS NECESSARY UN PREVENT DAMAGE DURING TRAN |
| 1 | PROTECTION OF EXISTING STRUCTURES ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE | C. BALLED AND BURLAPPED PLANTS SIZE TO ENCOMPASS THE FIBROU BALL SHALL BE PLANTED IF THE B |
| В. | REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AND AT NO COST TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY BMP DEVICES ACCORDING TO TDOT, COUNTY, OR CITY STANDARDS THROUGH THE DURATION OF ALL CONSTRUCTION ACTIVITIES. | D. EXCAVATION OF TREE PITS SHAL AND SUBSURFACE ELEMENTS SU SUB-BASES. ALL TREES SHALL BE DETAILS FOR EXACT DEPTH OF P |
| | THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO EXCAVATION. THE OWNER AND DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF ANY SUCH INFORMATION OR DATA, AND THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA, FOR LOCATING ALL UNDERGROUND FACILITIES DURING CONSTRUCTION, FOR THE SAFETY AND PROTECTION THEREOF, AND REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK. THE COST OF COMPLIANCE WITH THIS SECTION WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO | 1.10 CONTAINER GROWN STOCK A. ALL TREES SPECIFIED SHALL BE ARCHITECT. B. ALL SHRUB SPECIES SHALL BE CONTAINER GROWN MATERIA THE CONTAINER IN WHICH THEY |
| 1.03 F | BEGINNING CONSTRUCTION. PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK | AND ARE IN A HEALTHY GROWING D. AN ESTABLISHED CONTAINER GR THAT CONTAINER SUFFICIENTLY |
| | THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED | THAT THE ROOT MASS WILL RETA CONTAINER. CONTAINER GROWN E. PLANT ROOTS BOUND IN CONTAIN |
| | ON SITE. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE HUNDRED DOLLARS (\$100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) NCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) NCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER. | 1.11 MATERIALS LIST A. QUANTITIES NECESSARY TO COM CONTRACTOR. QUANTITY ESTIMA OWNER ASSUMES NO LIABILITY F THE PLANS AND THE PLANT LIST CLARIFICATION PRIOR TO BIDDIN |
| | MATERIALS GENERAL MATERIAL SAMPLES LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON SITE OR AS DETERMINED BY | THE MINIMUM ACCEPTABLE SIZE. 1.12 FINE GRADING A. FINE GRADING UNDER THIS CONT |
| | THE LANDSCAPE ARCHITECT. UPON APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE. MATERIAL SAMPLE SIZE MULCH ONE (1) CUBIC FOOT | PLANTING AREAS THAT HAVE BEE B. THE CONTRACTOR SHALL FINE G TO FINAL FINISHED GRADE ALLO |
| | SOIL MIXTURE ONE (1) CUBIC FOOT TOPSOIL MIX ONE (1) CUBIC FOOT PLANTS ONE (1) OF EACH VARIETY (OR TAGGED IN NURSERY) | FINE GRADE BY HAND AND/OR WI FRONT-END LOADER FOR TRANS C. ALL PLANTING AREAS SHALL BE (|
| - | PLANT MATERIALS PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS AS SET FORTH IN ANSI Z60.1-2014-AMERICAN STANDARD FOR NURSERY STOCK. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, SOUND, WELL-BRANCHED, | SURFACE/SUBSURFACE STORM E FROM THE BUILDINGS. REFER TO 1.13 PLANTING PROCEDURES A. CLEANING UP BEFORE COMMENC |
| 5 | AND FREE OF DISEASE AND INSECTS, INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY WITH APPROVAL FROM OWNER OR LANDSCAPE ARCHITECT. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE LANDSCAPE ARCHITECT. | AREAS OF ALL RUBBISH OR OBJE SHALL BE REMOVED FROM THE S WITH THE SOIL. SHOULD THE COI ANY WAY ADVERSELY AFFECT TH ATTENTION OF THE OWNER'S RE CORRECTIVE MEASURES THE RE |
| 2. | MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE ROOTBALL OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT. | B. SUBGRADE EXCAVATION: THE CC LIMEROCK AND LIMEROCK SUB-B AT TREES AND 18" AT SHRUBS AN PLANTING AREAS TO ROUGH FINI C. VERIFY LOCATIONS OF ALL UTILI |
| 3. | INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY; SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE. | TO: ELECTRIC, GAS (LINES AND T TELEPHONE. PROPERLY MAINTA (800) 351-1111 TO LOCATE ALL UT D. FURNISH NURSERY'S CERTIFICAT REQUIRED. INSPECT AND SELECT SITE. PROVIDE PHOTOGRAPHS O |
| B. ' | SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX) SOIL MIXTURE (PLANTING MEDIUM FOR PLANT PITS) SHALL CONSIST OF $\frac{1}{3}$ LOOSE COMPOST (NO GREATER THAN 1" SIV), $\frac{1}{3}$ PEAT AND $\frac{1}{3}$ SAND, AS DESCRIBED BELOW, AND 2/3 TOPSOIL AS DESCRIBED BELOW. TOPSOIL FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER | FROM NURSERY. E. GENERAL: COMPLY WITH APPLIC/ LANDSCAPE MATERIALS AND WO TRADE. UPON ARRIVAL AT THE SI UNTIL PLANTED. PLANTS STORED FOR A PERIOD EXCEEDING TWEN |
| | LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 1" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND A PH BETWEEN 5.5 AND 7.0 - SUBMIT SAMPLE AND PH TESTING RESULTS FOR APPROVAL. | IN GOOD HORTICULTURAL PRACT F. THE WORK SHALL BE COORDINA WITH IRRIGATION WORK TO ASSU |
| C. | SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND. CONTRACTOR SHALL SUBMIT RESULTS OF SOIL TESTS FOR TOPSOIL AND SAND PROPOSED FOR APPROVAL BY THE OWNER. CONTRACTOR TO SUBMIT SAMPLES OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCING. | APPURTENANCES AND PLANTS. G. ALL PLANTING PITS SHALL BE EX AMERICAN STANDARD FOR NURS FILLED WITH THE PREPARED PLA WITH WATER BEFORE PLANTING |
| 1.06 | WATER WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS | ALLOWANCE WILL BE MADE FOR AND HELD IN POSITION UNTIL THI HOSE STREAM. ALL PLANTING SH |

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

KS, HOSES, SPRINKLERS, ETC. IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE L PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL

TION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

L PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL LLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE RWISE NATURALLY-DERIVED.

ICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

HALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT DEPTH OF THREE (3) INCHES FOR ALL PLANTING AREAS. MULCH AT ALL PLANTING BEDS HREDDED HARDWOOD MULCH.

EES WITHIN TURF AREAS SHALL RECEIVE A TRIPLE SHREDDED HARDWOOD MULCH RING OUR (4) FEET IN DIAMETER AND THREE (3) INCH DEPTH.

S OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND ESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO DURING TRANSIT

.PPED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT S THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT NTED IF THE BALL IS CRACKED OR BROKEN. PLANTS SHALL NOT BE HANDLED BY STEMS. EE PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED EES SHALL BE PLANTED AS INDICATED ON DRAWINGS. COORDINATE WITH PLANTING T DEPTH OF PLANTING SOIL.

ED SHALL BE BALL AND BURLAP, UNLESS OTHERWISE APPROVED BY LANDSCAPE

S SHALL BE CONTAINER GROWN.

OWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY THY GROWING CONDITION.

ONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN UFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO SS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE VINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.

ND IN CONTAINERS ARE NOT ACCEPTABLE.

SARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE NTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR IO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN E PLANT LIST QUANTITY, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED FOR OR TO BIDDING OR INSTALLATION. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE

ER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND HAT HAVE BEEN DISTURBED DURING CONSTRUCTION.

SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. CONTRACTOR SHALL ND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH R FOR TRANSPORTING SOIL WITHIN THE SITE.

AS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO ACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY GS. REFER TO GRADING PLAN FOR FINAL GRADES, IF APPLICABLE.

RE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING BISH OR OBJECTIONABLE MATTER DAILY. ALL MORTAR, CEMENT, AND TOXIC MATERIAL FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS SHALL NOT BE MIXED OULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN LY AFFECT THE PLANT GROWTH, CONTRACTOR SHALL IMMEDIATELY CALL IT TO THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE JRES THE RESPONSIBILITY OF THE CONTRACTOR.

TION: THE CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED EROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36" AT SHRUBS AND PERENNIALS. CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE O ROUGH FINISH GRADE WITH CLEAN SOIL MIXTURE.

OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND ERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CONTACT TENNESSEE ONE CALL AT DCATE ALL UTILITIES.

S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS HEREIN SPECIFIED AND AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING TOGRAPHS OF TREES TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO SHIPPING

WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING IALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE VAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED ANTS STORED ON-SITE SHALL NOT REMAIN UNPLANTED OR APPROPRIATELY HEALED IN EEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES WORKMANLIKE METHODS CUSTOMARY TURAL PRACTICES SHALL BE EXERCISED.

E COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING ORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION

SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH ANSI Z60.1-2014 -RD FOR NURSERY STOCK, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACK REPARED PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION 1.05. TEST ALL TREE PITS RE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO E MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. TREES SHALL BE SET PLUMB ION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN.

RY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE

INSTALLING TREES.

- I. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION 1.05 OF THESE SPECIFICATIONS.
- J. TREES AND SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. PLANTING SOIL MIXTURE SHALL BE BACK FILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).
- K. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. MATERIALS INSTALLED SHALL MEET MINIMUM SPECIMEN REQUIREMENTS OR QUANTITIES SHOW ON PLANS, WHICHEVER IS GREATER. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 12", REMOVE AND DISPOSE ALL DEBRIS. COORDINATE WITH PLANTING DETAILS FOR EXACT DEPTH. MIX TOP 4" OF THE PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION 1.05. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.
- . TREE BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE PROJECT LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE PROJECT LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.
- M.HERBICIDE WEED CONTROL: ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER (AS ALLOWED BY JURISDICTIONAL AUTHORITY).

1.14 LAWN SODDING

- A. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.
- B. LAWN BED PREPARATION: ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS BY MEANS OF A SOD CUTTER TO A DEPTH OF THREE (3) INCHES, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
- C. SOIL PREPARATION: PREPARE LOOSE BED SIX (6) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.

D. SODDING

1. THE CONTRACTOR SHALL SOD ALL DISTURBED AREAS WITHIN THE CONTRACT LIMITS NOT COVERED BY HARDSCAPE OR VEGETATIVE MATERIAL, UNLESS SPECIFICALLY NOTED OTHERWISE.

- 2. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.
- 3. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.

E. LAWN MAINTENANCE

- 1. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"X12") UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING RE-GRADING IF NECESSARY
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.

1.15 CLEANUP

A. UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL. EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK, ALL PAVED AREAS SHALL BE BROOM-CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE **OWNER'S REPRESENTATIVE**

1.16 PLANT MATERIAL MAINTENANCE

A. ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.

1.17 FINAL INSPECTION AND ACCEPTANCE OF WORK

A. FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.

1.18 WARRANTY

A. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED (INCLUDING SOD) BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTIED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.

- B. REPLACEMENT: ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION DURING THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED WITHIN TEN (10) DAYS OF NOTICE, OR BETWEEN SEPTEMBER-NOVEMBER, MARCH-MAY. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED, PLANTED AND MULCHED AS SPECIFIED AT NO ADDITIONAL COST TO THE OWNER.
- C. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE MAINTENANCE THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE (1) YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE

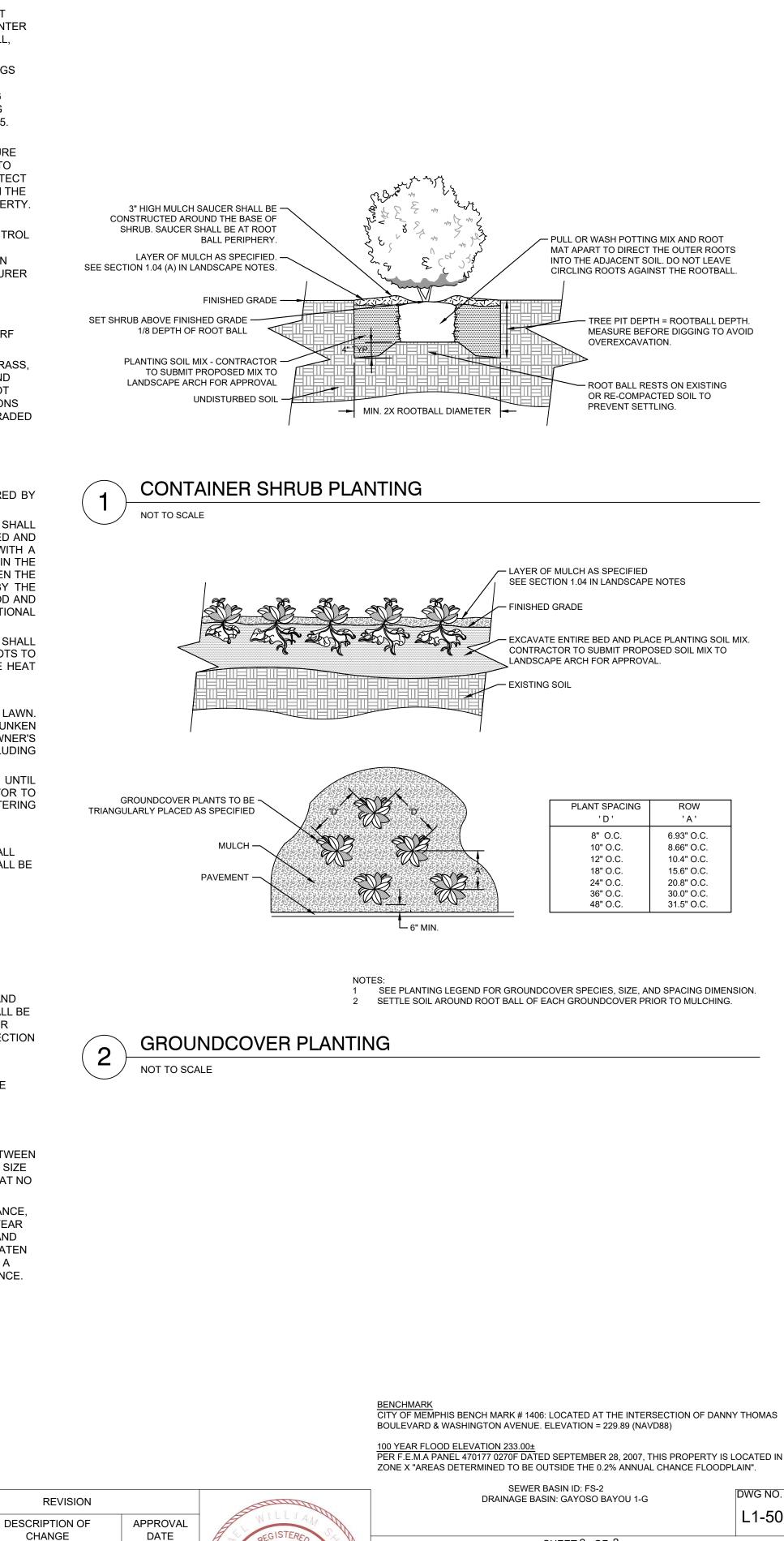
| ITEM NO. | |
|-------------|--|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Kimley Worn

© 2023 KIMLEY-HORN AND ASSOCIATES INC.

6750 POPLAR AVENUE, SUITE 600, MEMPHIS TN 38138 PHONE: 901-374-9109

WWW.KIMLEY-HORN.COM



SHEET 2 OF 2 DIVISION OF ENGINEERING

LANDSCAPE NOTES AND DETAILS

LOCATION: 255 N MAIN STREET MEMPHIS, TN 38103

SURVEY HARRIS & ASSOC. DATE: 04/17/2023 BOOK: SEE SURVEY DESIGN BY KHA DATE: 07/18/2023 SCALE: AS NOTED

VISITOR DROP-OFF OWNER: CANNON CENTER FOR THE PERFORMING ARTS ENGINEER: KIMLEY-HORN AND ASSOCIATES, INC.

CANNON CENTER

DEPUTY CITY ENGINEER DATE CITY ENGINEER