CITY OF FORT THOMAS MAINE AVE IMPROVEMENTS

CITY OF FORT THOMAS
CAMPBELL COUNTY, KENTUCKY

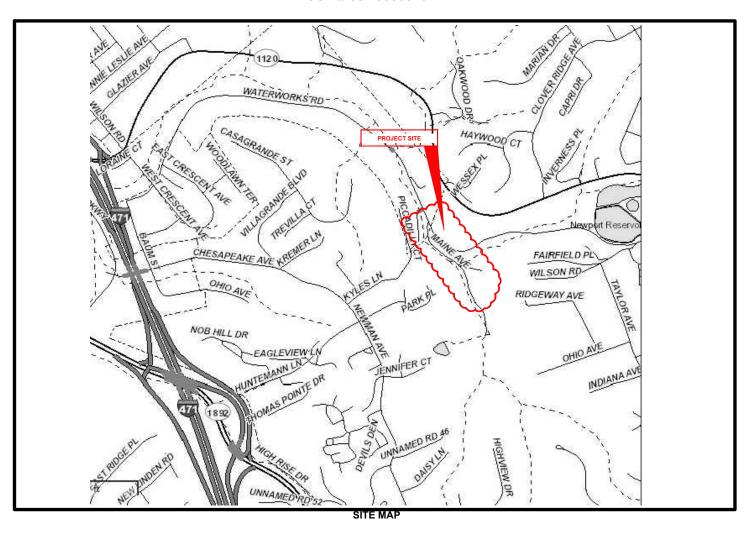
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verdantas

TITLE SHEET

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JOB # 057.00003202





CITY ADMINISTRATIVE

CITY CLERK

CITY COUNCIL
JEFF BEZOLD
ADAM BLAU
ANDY ELLISON
LAUREN McINTOSH
BEN PENDERY
ERIC STRANGE

PROJECT SPECIFICATIONS

THE LATEST STANDARD SPECIFICATIONS OF THE KENTUCKY DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS THERETO, AND THE CITY OF FORT THOMAS ENGINEERING DEPARTMENT SHALL GOVERN THIS PROJECT

SOURCE OF BOUNDARY INFORMATION

THE BOUNDARY INFORMATION SHOWN ON THESE PLANS IS BASED UPON CAMPBELL COUNTY G.I.S. MAPPING AND DOES NOT REPRESENT AN ACTUAL FIELD BOUNDARY SURVEY BY VERDANTAS LLC.

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MAINTENANCE OF TRAFFIC NOTES **GENERAL NOTES UTILITY NOTES** SYMBOL LEGEND THE LATEST EDITION SHALL CUNFORM TO THESE PLANS AND SPECIFICATIONS THE LATEST EDITION OF THE CAMPBELL COUNTY SUBDIVISION REGULATIONS AND THE KENTUCKY DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTBUCTION ALL CONSTRUCTION SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS EXISTING GAS LINE THIS PLAN SHOWS THE APPROXIMATE LOCATION OF UNDERGROUND UTILITIES (GAS. WATER, STORM SEWER, SANITARY SEWER, TELEPHONE. ALL MAINTENANCE OF TRAFFIC PROCEDURES SHALL MEET THE REQUIREMENT GS — EXISTING GAS SERVICE FLECTRIC, ETC.), THE PREPARER DOES NOT GUARANTEE THEIR. OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND SECTION 112 OF _/____ ACCURACY OR CORRECTNESS. THE INFORMATION PROVIDED SHALL BE KTC STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL MAINTAIN ACCESS — EXISTING ELECTRIC (UNDERGROUND / OVERHEAD) FIELD VERIFIED PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE TO LOCAL TRAFFIC (ACCESS TO RESIDENCES WITHIN CONSTRUCTION LIMITS) AT EXISTING CABLE (UNDERGROUND / OVERHEAD) THERE SHALL BE NO DEVIATION FROM THE APPROVED PLANS WITHOUT PRIOR RESPONSIBLE FOR MAINTAINING THE UTILITY AS WELL AS THE SERVICE LATERALS AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR ALL TIMES. THE CONTRACTOR SHALL PROVIDE SUFFICIENT SIGN, WARNING WRITTEN APPROVAL FROM THE OWNER OR THEIR REPRESENTATIVE. ANY LIGHTS, BARRICADES, OR OTHER NECESSARY DEVICES MAKE THE SITE SAFE TO EXISTING TELEPHONE (UNDERGROUND / OVERHEAD) DEVIATION FROM THESE PLANS WITHOUT PRIOR WRITTEN APPROVAL SHALL SHALL PRACTICE CARE DURING THE GRADING AND TRENCH EXCAVATION AND SHALL BE RESPONSIBLE FOR REPLACING — — W — — W — EXISTING WATER MAIN BE AT THE CONTRACTOR'S RISK AND EXPENSE. SERVICES THAT ARE DAMAGED DURING CONSTRUCTION AT THEIR IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT TO THE ENGINEER AND THE OWNER A TRAFFIC CONTROL PLAN FOR THIS PROJECT. — — ws — — ws — — ws — EXISTING WATER SERVICE THE CONTRACTOR SHALL OBTAIN THE SERVICES OF A TESTING AGENCY FOR ALL REQUIRED TESTING. EXISTING STORM SEWER PRIOR TO ANY EXCAVATION OVER AN EXISTING UTILITY LINE OF - RD - - - RD - - - RD - - - RD - EXISTING ROOF DRAIN SERVICE, CONTRACTOR SHALL HAND EXCAVATE TO EXPOSE THE UTILITY AND DETERMINE LOCATION AND DEPTH. NOTIFY ENGINEER FORT THOMAS AND THE FORT THOMAS POLICE DEPARTMENT. AT ALL TIMES, EMERGENCY VEHICLES SHALL BE GIVEN ACCESS. — EXISTING SANITARY SEWER PROJECT IS BEING COMPLETED IN THE SAME AREA. IT IS CURRENTLY ANTICIPATED THAT THE WORK PROPOSED IN THIS PROJECT WILL OCCUR - FM - EXISTING SANITARY FORCE MAIN IMMEDIATELY OF ANY CONFLICTS. RESIDENTS OF THE PROJECT AREA SHALL BE ALLOWED ACCESS TO THEIR AFTER THE UTILITY HAS BEEN INSTALLED BUT PRIOR TO THE FINAL PAVING. — EXISTING FIBER OPTICS TOPS OF EXISTING AND PROPOSED CASTING FLEVATIONS ARE SUBJECT PROPERTY AT ALL TIMES. ___ × ___ × ___ × ___ × ___ EXISTING FENCE THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT TO FINAL ADJUSTMENTS AS APPROVED BY THE ENGINEER AND STAKING INCLUDING HORIZONTAL AND VERTICAL CONTROL. ANY REQUIREMENTS OF UTILITY OWNER. THIS WORK WILL BE INCIDENTAL TO ALTERNATE ROUTES OR CONTINUOUS TRAFFIC CONTROL SHALL BE EMPLOYED EXISTING CONTOURS (MAJOR) DISCREPANCIES DISCOVERED IN THE PLAN INFORMATION, OR BETWEEN THE WHEN A PUBLIC WAY IS TEMPORARY BLOCKED DURING CONSTRUCTION EXISTING CONTOURS (MINOR) PLAN AND ELECTRONIC DATA SHALL BE BROUGHT TO THE IMMEDIATE INCLUDING PEDESTRIAN AND BICYCLE FACILITIES. ADVANCED NOTICE SIGNS IN FORTY-EIGHT (48) HOURS BEFORE EXCAVATION IS TO COMMENCE, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES: THE KENTUCKY UTILITY PROTECTION SERVICE AND ALL OTHER UTILITIES THAT MAY HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NON-MEMBERS OF KENTUCKY UNDERGROUND PROTECTION. TTENTION OF THE DESIGN ENGINEER SO THE APPROPRIATE ADJUSTMENTS ACCORDANCE WITH THE MUTCD SHALL BE EMPLOYED. — EXISTING RIGHT OF WAY — EXISTING PROPERTY LINE ALL WORK SHALL BE LIMITED TO THE PROPERTIES AND EASEMENTS ---- EXISTING EASEMENT ALL WORK SHALE BE LIMITED TO THE PROPER ITES AND EASEMENTS IDENTIFIED ON THE PLANS. ANY WORK WITHIN THE PUBLIC RIGHT OF WAY IS SUBJECT TO INSPECTIONS AND ENCROACHMENT PERMITS FROM THE JURISDICTION HAVING AUTHORITY OVER THE RIGHT-OF-WAY. REQUIREMENTS OF SUCH PERMITS ARE INCORPORATED INTO THESE DOCUMENTS BY O O O O O O O O FXISTING GUARDRAIL . EXISTING TREE LINE THE SITE MAY CONTAIN EXISTING PRIVATELY OWNED UTILITIES. THESE HAVE BEEN SHOWN AS ACCURATELY AS POSSIBLE BASED ON EXISTING UTILITY INFORMATION. BUT THE PREPARER OF THESE DOCUMENTS GRADING AND EROSION CONTROL NOTES REFERENCE. PROPOSED GAS LINE DOES NOT ATTEST TO THEIR ACCURACY OR CORRECTNESS. IT SHALL ANY DEFECTS IN CONSTRUCTION, INCLUDING MATERIALS OR WORKMANSHIP BE THE CONTRACTOR'S RESPONSIBILITY TO CONTRACT WITH A PRIVATE GS GS GS GS GS PROPOSED GAS SERVICE SHALL BE REPLACED OR CORRECTED BY THE CONTRACTOR BY REMOVAL AND REPLACEMENT OR OTHER APPROVED METHODS PRIOR TO ACCEPTANCE BY UTILITY MARKING AGENCY TO IDENTIFY AND LOCATE ALL PRIVATE EXISTING ELECTRIC (UNDERGROUND / OVERHEAD) L DISTURBED AREAS ARE TO BE RESTORED (SEEDED AND MULCHED) BY TH UTILITIES WITHIN THE WORK SITE. THIS MAY INVOLVE THE EXCAVATION ALL DISTURBED AREAS ARE TO BE RESTORED (SEEDED AND MULCHED) BY THE CONTRACTOR AND SHALL PROCEED WITH JOB PROGRESSION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVING ANY EXCESS MATERIALS AT THE SITE AND MAINTAINING ALL SEEDED AND MULCHED AREAS UNTIL PROJECT COMPLETION AND FINAL INSPECTION PER KDOT SPEC. 212. ALL THE OWNER WITH NO ADDITIONAL COMPENSATION. AND UNCOVERING OF UTILITIES TO VERIFY LOCATION. NOTIFY PROPOSED CABLE (UNDERGROUND / OVERHEAD) ENGINEER IMMEDIATELY OF ANY CONFLICTS. CONTRACT SHALL MAKE PROPOSED TELEPHONE (UNDERGROUND / OVERHEAD) RECORDS OF ALL PRIVATE UTILITIES ENCOUNTERED DURING THE PROJECT. CONTRACTOR SHALL SUBMIT A PLAN OF OPERATIONS FOR REVIEW AND PPROVAL BY THE ARCHITECT THAT WILL INDICATE FOUIPMENT STAGING PROPOSED WATER MAIN AREAS, STOCKPILE LOCATION AND SANITATION FACILITIES. DISTURBED AREAS SHALL BE RESTORED WITHIN TWENTY-ONE (21) DAYS PROPOSED WATER SERVICE RECORD DRAWINGS OF NEW UTILITY SERVICES SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE OWNER UPON COMPLETION OF THE PROJECT. AFTER CONSTRUCTION. RIGHT-OF-WAY AND PROPERTY LINES SHOWN ARE PLOTTED FROM CAMPBEL COUNTY G.I.S. MAPPING AND ARE APPROXIMATE AND NOT THE RESULT OF A FIELD BOUNDARY SURVEY. PROPOSED STORM SEWER ALL APPLICABLE RECOMMENDATIONS IN KENTUCKY'S BEST MANAGEMENT —— UD——— UD— PROPOSED UNDERDRAIN PRACTICES MANUAL SHALL BE FOLLOWED BY THE CONTRACTOR. INCLUDING SEEDING OF DISTURBED GROUND. — LID/DSC — — UD/DSC — PROPOSED UNDERDRAIN / DOWNSPOUT COLLECTOR COM 10. ALL OSHA, STATE AND LOCAL SAFETY REGULATIONS SHALL BE FOLLOWED STORM & SANITARY NOTES PROPOSED SANITARY SEWER ADDITIONAL BMP'S AND FROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS DEEMED NECESSARY. ALL COST FOR ABOVE SHALL BE INCLUDED IN LUMP SUM BID FOR EROSION CONTROL AND WATER POLLUTION. PROPOSED SANITARY FORCE MAIN 11. NO CONSTRUCTION SHALL COMMENCE UNTIL ALL CAMPBELL COUNTY AND THE PROPOSED FIBER OPTICS **EROSION CONTROL LEGEND** CITY OF FORT THOMAS PERMITS HAVE BEEN ISSUED AS REQUIRE ALL STORM AND SANITARY ITEMS SHALL BE IN ACCORDANCE WITH THE ____ x ____ x ____ x ___ PROPOSED FENCE LATEST SPECIFICATIONS AND DETAILS FROM SD1. CONCRETE AND METAL PIPE MATERIALS SHALL NOT BE USED UNLESS OTHERWISE ALL EXCAVATION IS CONSIDERED UNCLASSIFIED AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS AND MATERIALS OF CONSTRUCTION. THE DESIGN ENGINEER SHALL NOT BE RESPONSIBLE FOR THE SUITABILTY OF MATERIAL UNDERLYING THE PROJECT SITE. THE CONTRACTOR SHALL PERFORM ANY INVESTIGATIONS OR TESTING 12. APPROPRIATE BARRICADES, WARNING LIGHTS, SIGNS, FENCING ETC, SHALL BE PROPOSED CONTOURS (MAJOR) ERECTED AROUND THE CONSTRUCTION AREA DURING NON-WORKING HOURS IP INLET PROTECTION (SEE DETAIL) PROPOSED CONTOURS (MINOR TO ALERT PERSONS OF THE POTENTIAL DANGER ASSOCIATED WITH THE AREA UNDER CONSTRUCTION AS WELL AS TO PREVENT ACCESS BY UNAUTHORIZE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STORM AND SANITARY SEWER FLOW THROUGHOUT THE PROJECT. FOR THE DURATION OF PROPOSED RIGHT OF WAY CD CHECK DAM INNEL. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE SAFETY PROPOSED PROPERTY LINE CTION. ALL COST FOR THE ABOVE SHALL BE INCIDENTAL TO OF THE GENERAL PUBLIC AS WELL AS ALL CONSTRUCTION PERSONN NECESSARY TO ADEQUATELY DETERMINE OR ESTIMATE TO THEIR CE CONSTRUCTION ENTRANCE SATISFACTION ANY EXISTING SITE CONDITION WHICH COULD AFFECT HIS BID ---- PROPOSED EASEMENT 13. ANY EXISTING ROADWAY, LAWN, CURB, SIDEWALK OR OTHER APPURTENANCE OR THE PERFORMANCE OF THE PROPOSED IMPROVEMENTS. THIS COULD WA CONCRETE WASHOUT PROPOSED GUARDRAIL ANY EXISTING ROADWAY, LAWN, CURB, SIDEWALK OK OTHER APPURTENAN DISTURBED DURING CONSTRUCTION NOT DESIGNATED FOR REMOVAL OR REPLACEMENT SHALL BE RESTORED BY THE CONTRACTOR WITHOU ADDITIONAL COMPENSATION TO A CONDITION EQUAL TO OR BETTER THAN F REQUIRED, CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING INCLUDE, BUT NOT BE LIMITED TO, UNSUITABLE OR UNSTABLE SOIL/SUBSURFACE CONDITIONS, ROCK, WATER (PERCHED OR FREE), AND SCHEDULING STORM AND SANITARY SEWER INSPECTIONS AS SET (RCP) ROCK CHANNEL PROTECTION OBSTRUCTIONS FTC. (RAILS PLACED AT 3 FT ON CENTER OUT IN THE PRECONSTRUCTION MEETING. PROPOSED TREE LINE / CLEARING LIMITS THAT WHICH EXISTED PRIOR TO DISTURBANCE SDD SKIMMER DEWATERING DEVICE ALL TREES AND OTHER VEGETATION WITHIN THE PROJECT LIMITS THAT CONNECTIONS INTO EXISTING OR PROPOSED STORM OR SANITARY NTERFERE WITH CONSTRUCTION SHALL BE REMOVED, INCLUDED STUMP PROPOSED DISTURBED LIMITS 14. ANY TEMPORARY UTILITY REQUIRED BY THE CONTRACTOR (ELECTRIC, WATER SEWER STRUCTURES OR PIPES SHALL BE COMPLETED BY A CERTIFIED - PROPOSED SILT FENCE ETC.) SHALL BE AT THE SOLE EXPENSE OF THE CONTRACTOR TAPPER BY SD1. THE CONTRACTOR SHALL REMOVE ALL SURPLUS DEMOLISHED AND WASTE MATERIALS, INCLUDING TREES, STUMPS, TRASH AND DEBRIS, FROM THE PROJECT LIMITS AND DISPOSE OF OFF-SITE. IN NO INSTANCE SHALL MATERIAL DESCRIPTION OF THE PROJECT IN ADMINISTRATION OF THE PROJECT OF THE 15. THE CONTRACTOR SHALL PRESERVE ALL BENCHMARKS, PROPERTY LINE DOWNSPOUT AND UNDERDRAIN CONSTRUCTION SHALL MEET THESE REFERENCES, REFERENCE POINTS, STAKES AND ANY OTHER SURVEY AND THE LATEST SPECIFICATION OF THE CAMPBELL COUNTY SUBDIVISION REGULATIONS. SD-1 REGULATIONS AND STANDARD REFERENCE. IN CASE OF DISTURBANCE THE CONTRACTOR SHALL REPLACE EXISTING FLAGPOLE PROPOSED ELAGPOLE SUBDIVISION REGULATIONS, 30.1 REGULATIONS AND 3 TANDARD DEPAILS SHOWN ON THIS PLAN, BEDDING, BACKFILLING, JOINTS, EXCAVATION AND INSTALLATION SHALL BE INCLUDED IN THE COST PER FOOT OF PIPE. STORM SEWER, DOWNSPOUT AND UNDERDRAIN PIPE MATERIAL SHALL HAVE A MANNING'S 'N' VALUE OF COST ON STORY OF THE STORY SEWER OF THE STORY SEWER. THEM AT THE CONTRACTOR'S EXPENSE, BE RESPONSIBLE FOR ANY ERRORS THAT MAY BE CAUSED BY THEIR LOSS OR DISTURBANCE MB EXISTING MAIL BOX MB PROPOSED MAILBOX THE CONTRACTOR SHALL REMOVE FROM THE SITE ALL MATERIAL DEEMED ALL PROPOSED CONCRETE PAVEMENT ABUTTING EXISTING PAVEMENT SHALL UNSUITABLE FOR EMBANKMENT BY THE OWNER'S REPRESENTATIVE AND BE EXISTING SIGN PROPOSED SIGN DISPOSED OF OFF-SITE. BE DOWELED INTO EXISTING CONCRETE PAVEMENT USING A 3" DEFORMED CP EXISTING CABLE PEDESTAL PROPOSED CABLE PEDESTAL DOWEL WITH 9" MINIMUM EMBEDMENT NTERIOR WALLED PVC SDR-35 PIPE, RIBBED PVC PIPE, A-2000 PVC PIPE, THE CONTRACTOR SHALL PROVIDE FINAL GRADING TO WITHIN 1" OF GRADES UNLESS OTHERWISE SHOWN. SHOWN ON THE PLANS EP EXISTING ELECTRIC PEDESTAL PROPOSED ELECTRIC PEDESTAL 17. THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, PROVISIONS, AND POLICIES ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER TOPSOIL SHALL BE STRIPPED AND SOCKPILED FROM ALL AREAS TO BE PB EXISTING PULL BOX PROPOSED PULL BOX GOVERNING SAFETY AND HEALTH, INCLUDING THE FEDERAL CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED. TOPSOIL SHALL BE STRIPPED AND SOCKPILED FROM ALL AREAS TO BE GRADED, TO WHATEVER DEPTH ENCOUNTERED, AND IN A MANNER TO PREVENT INTERMINISHING WITH UNDERLYING SUBSOIL. SOILD SHALL NOT BE STOCKPILED NEAR THE EDGE OF EXCAVATIONS OR WITHIN DRIP LINES OF CONSTRUCTION SAFETY ACT (PUBLIC LAW 91-54), FEDERA EXISTING GROUND LIGHT PROPOSED GROUND LIGHT REGISTER, CHAPTER XVII, PART 1926 OF TITLE 29 REGULATIONS, CONTRACTOR TO PROVIDE SHOP DRAWINGS ON ALL STORM SEWER OCCUPATIONAL SAFETY AND HEALTH REGULATIONS FOR MANHOLES, INLETS AND DETENTION SYSTEMS. -0-EXISTING LIGHT POLE PROPOSED LIGHT POLE ISTRUCTION, AND SUBSEQUENT PUBLICATIONS UPDATING THESE 8. CONTRACTOR SHALL ASSURE THAT THERE IS POSITIVE DRAINAGE TO EXCESS SOIL GENERATED FROM TRENCH EXCAVATIONS SHALL BE INCORPORATED IN THE UNIT PRICE BID FOR EXCAVATION INCLUDIN EM ЕМ THE INLETS UPON PLACEMENT OF NEW PAVEMENT EXISTING ELECTRIC METER PROPOSED ELECTRIC METER THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING THE AREAS AND CONDITIONS UNDER WHICH THE PROJECT IS TO BE CONSTRUCTED PRIOR TO THE SUBMISSION OF THE BID. SUBMISSION OF THE ID SHALL BE CONSTRUED TO MEAN THE CONTRACTOR HAS REVIEWED THE SITE AND IS FAMILIAR WITH THE **(E) (** EMBANKMENT CONSTRUCTION. ANY EXCESS SOIL UNABLE TO BE PLACED EXISTING FLECTRIC MANHOLE PRPOSED ELECTRIC MANHOLE ON-SITE OR DEEMED UNSUITABLE FOR EMBANKMENT BY THE ENGINEER SHAL BE DISPOSED OF OFF-SITE. EXISTING GAS METER PROPOSED GAS METER GM CONDITIONS AND CONSTRAINTS OF THE SITE. THE CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS IN THE €GV EXISTING GAS VALVE PROPOSED GAS VALVE **HATCH LEGEND** SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING REPORT FOR EXCAVATION AND EMBANKMENT TO CONSTRUCT THE IMPROVEMENTS AND WATER NOTES 19. CONTRACTOR SHALL REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION GF GF **EXISTING GAS BOX** PROPOSED GAS BOX SET FOR OTHER PERTINENT INFORMATION ACHIEVE THE FINISHED GRADES SHOWN ON THE PLANS ALL WORK RELATING TO WATER MAINS OR WATER SERVICE LINES EXISTING UTILITY POLE PROPOSED UTILITY POLE SHALL BE COMPLETED IN ACCORDANCE WITH THE RULES AND NO SLAG, RIVER GRAVEL, RECYCLED PORTLAND CEMENT CONCRETE, RECLAIMED ASPHALT CONCRETE PAVEMENT OR RECLAIMED BITUMINOUS AGGREGATE BASE SHALL BE USED AS FILL. REGULATIONS OF THE NORTHERN KENTUCKY WATER DISTRICT (NKWD) EXISTING GUY WIRE / ANCHOR PROPOSED GUY WIRE / ANCHOR CONTRACTOR MAY NOT USE WATER FROM FIRE HYDRANTS WITHOUT EXISTING SANITARY MANHOLE PROPOSED SANITARY MANHOLE RIOR PERMISSION FROM NKWD EXPOSED PAVEMENT SUBGRADE AREAS SHALL BE MAINTAINED IN CONDITIONS TO PREVENT PONDING OF WATER AFTER RAINS. EXISTING SANITARY CLEANOUT PROPOSED SANITARY CLEANOUT MAINTAIN A MINIMUM 10' HORIZONTAL SEPARATION AND 18" VERTICAL (Ē) ALL EXISTING AND PROPOSED MANHOLE COVERS, VALVE BOXES, ETC EXISTING STORM MANHOLE PROPOSED STORM MANHOLE LOCATED WITHIN PEDESTRIAN ACCESS SHALL BE FLUSH MOUNTED WITH THE ACCESSIBILITY NOTES 20 2000 (mar) (masari) EXISTING SINGLE / DOUBLE CURB INLET PROPOSED SINGLE / DOUBLE CURB INLET WALKING SURFACE. SLOPE ALL PAVING AND LANDSCAPE AREAS AWAY FROM THE BUILDING AT A EXISTING CATCH BASIN PROPOSED CATCH BASIN ALL REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) SHALL MINIMUM OF 1% BE FOLLOWED IN ALL ASPECTS OF THE PROJECT. EXISTING STORM CLEANOUT PROPOSED STORM CLEANOUT **GAS NOTES** THE ENGINEER MAKES NO REPRESENTATION AS TO A BALANCED FARTHWORK 2. ALL SIDEWALKS INSTALLED SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% **(** THE ENGINEER WARRES NO APPRESENT AUTOR STATE ABARDACE ARTHROWS SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE FINAL SITE GRADES AS INDICATED ON THE GRADING PLAN, INCLUDING THE IMPORT OR EXPORT OF MATERIAL IF REQUIRED TO ACHIEVE THE PROPOSED GRADES EXISTING TELEPHONE MANHOLE PROPOSED TELEPHONE MANHOLE ALL WORK RELATING TO GAS MAINS OR GAS SERVICE LINES SHALL BE 3. HANDICAP ACCESSIBLE PARKING SPACES SHALL NOT EXCEED A SLOPE OF 2% COMPLETED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF EXISTING TELEPHONE PEDESTAL TP PROPOSED TELEPHONE PEDESTAL OR EAPORT OF MALENIAL IF REQUIRED 10 ACHIEVE THE PROPOSED GRAND ADDITIONALLY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPEI REMOVAL AND DISPOSAL OF ALL SURPLUS EARTHWORK, DEBRIS OR WASTE FROM THE SITE. ALL COST FOR THE ABOVE SHALL BE INCLUDED IN THE CONTRACTORS BID PRICE FOR EXCAVATION AND/OR EMBANKMENT. THE DUKE ENERGY **@** EXISTING FIRE HYDRANT PROPOSED FIRE HYDRANT ALL CURB RAMPS SHOWN ALONG A DESIGNATED ACCESSIBLE ROUTE SHALL WW WM EXISTING WATER METER PROPOSED WATER METER EXISTING WATER VALVE **ELECTRIC NOTES** REMOVE EXISTING BUSH / TREE PAVEMENTS AND OTHER FACILITIES TO REMAIN FROM DAMAGE CAUSED BY EXISTING BUSHES / TREES EARTHWORK OPERATIONS. ALL WORK RFLATING TO ELECTRIC LINES SHALL BE COMPLETED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE DUKE MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT PROPOSED SLOPE DIRECTION CONTROL FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR(S) EXISTING SURVEY BENCHMARK . CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION OF REPAIR AND/OR TEST BORING LOCATION

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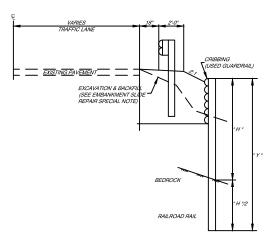
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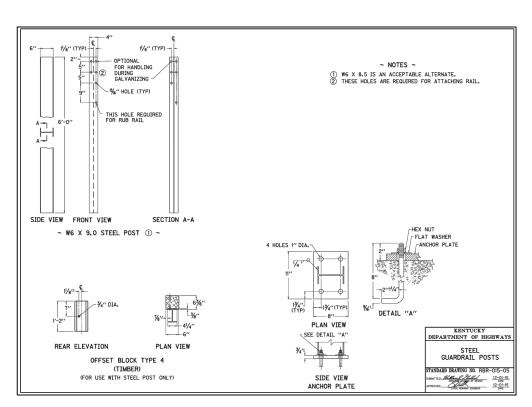
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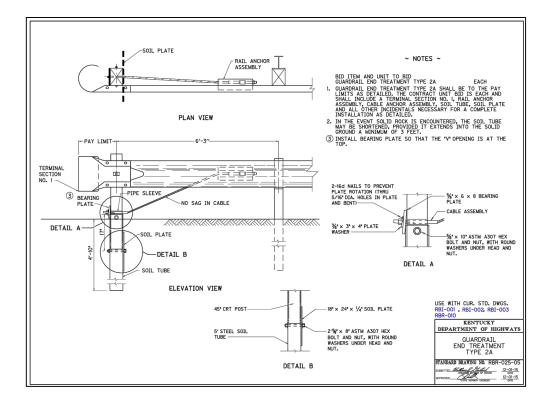
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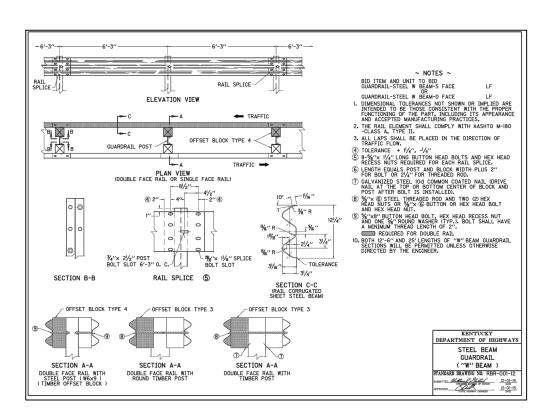
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