CONSTRUCTION PLANS

UNIT 3 DRAKES' LANDING



JESSAMINE COUNTY, KENTUCKY

JANUARY 2023

OWNER/DEVELOPER LEXINGTON, KENTUCKY 40503 LONG RIDGE DEVELOPMENT, LLC 3519 RABBIT'S FOOT TRAIL,

HORNE ENGINEERING, INC.

216 SOUTH MAIN STREET - NICHOLASVILLE, KY. 40356 **ENGINEERS - PLANNERS - LAND SURVEYORS** (859) 885-9441 FAX (859) 885-5160

14 LOTS • 400 GPD = 5600 GPD

WO # 4216 WO # 4237 WO # 4238

JULITY PROVIDERS

SOURCE OF CONTROL

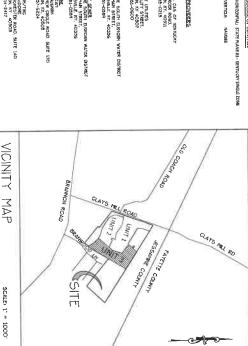
GAR GOLLMER CAS OF KENTUCKT 2001 MERCER ROAD. LEXMICTON, NT. 40011 (899) 288-0218

ELECING
KENTUCKY UTWITES
ONE QUAUTY STREET,
LEXINGTON, KY 40507
(800)-481-0600 HATEN LESSAMME SOUTH ELIMORN WATER DISTRICT 502 S. HAN STREET, WEHOLABMALE, NT. 40336 (859) 851-0389

SANTARY SEMER 1554-ME SOUTH ELHONN WATER DISTRICT 602 5, MAN STREET, NCHOLASVILE, NY, 40356 (899) 881-0569

TREPLONE
WHUSHRAN
DAMEN BASHRN
130 M: NEW CROLE ROAD SUITE 170
LENKGTON KT, 40505
C6540 337-6224

CABLE
SPECIFURY.TWO
RALPH PICDONE
1979 WHICHESTER ROAD, SUTE 140
LENGITON KY 40505
C899) 514-2417 VICINITY MAP



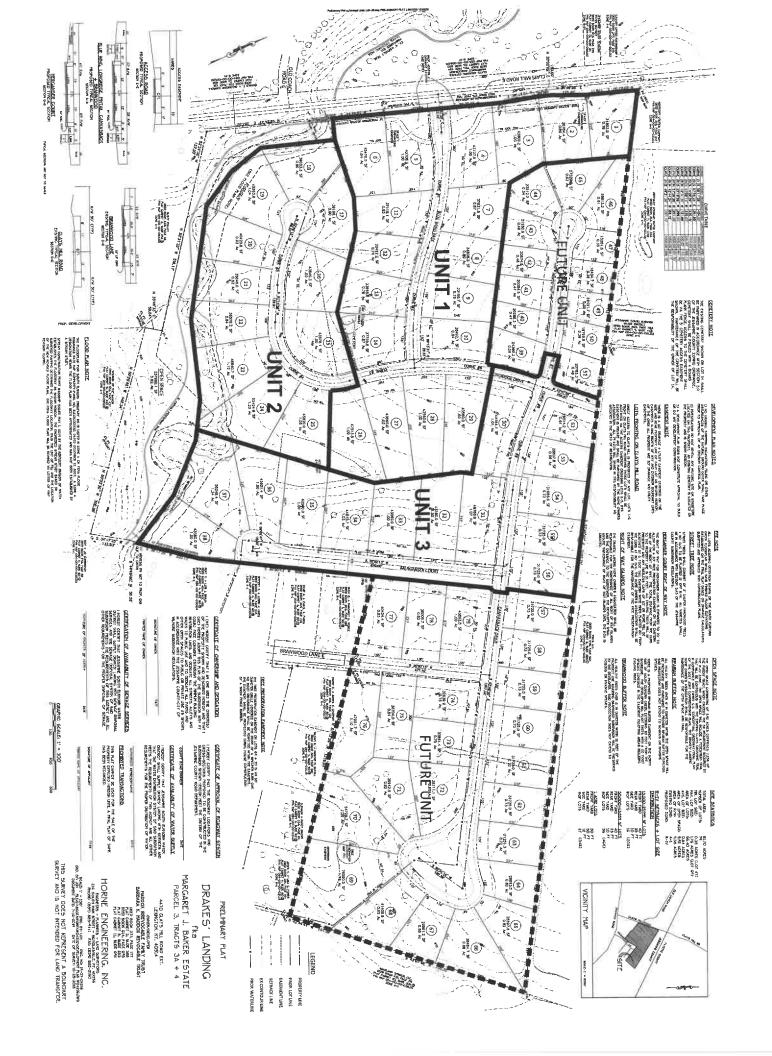
PLANNING COMMISSION APPROVAL

I hereby certify that these construction plans were approved by the Jessamine County - City of Wilmore Joint Planning Commision at their regular meeting held on ______, 20___.

Date

INDEX

PRELIMINARY PLAT	3
GENERAL NOTES	l _s
ROADWAY PLAN AND PROFILE	2-4
UTILITIES PLAN	5
LANDSCAPE, EROSION AND SEDIMENT CONTROL PLAN	6
SANITARY PROFILES AND DETAILS	7
STORM PROFILES AND DETAILS	00
PEDESTRIAN PATH PLAN	9
SANITARY SEWER STANDARD DETAILS	10-11
STORM STANDARD DETAILS	12-13
WATER STANDARD DETAILS (SD-1 & SD-2)	14-15



THE "ENGINEER" IN THE GENERAL NOTES SHALL REFER TO: CHRISTOPHER HORNE HORNE ENGINEERING, INC., (859) 885-9441. THE "OWNER" IN THE GENERAL NOTES SHALL REFER TO LONG RIDGE PLANTATION

ALL TOPSOIL AND ORGANIC MATERIAL BHALL BE REMOVED WITHIN THE UMITS OF MAY PROPOSED CONSTRUCTION ACTIVATES PROOF ROLL THE EMPOSED SURFACE OF AMY MATICIPATED BLILL AREA, MAJ OR AWAENET AREA TO DETERMINE IF ANY UNSTABLE BOIL CONDITIONS EXIST.

STORM SEWER PIPE SHALL BE DESIGNATED ON THE APPROVED CONSTRUCTION PLANS, AND SHALL CONFORM TO THE GENERAL SPECIFICATIONS. BEDDING AND BACKFILL SHALL CONSIST OF THE FOLLOWING:

ALL BANTARY GENER CONSTRUCTION BRALL MEET THE GREGIFICATIONS AND REQUIREMENTS OF MEETAL WAS BOTH WHICH WHICH AND MATER DOUBTRY. DECEMBER OF THE WESTERN AND COTTY OF WICH ALSO THE WHICH AND COTTY OF WICH ALSO THE WHITE ADDRESS HEADY AND COTTY OF WICH ALSO THE OWNER OF CONFLICT, THE MORE STRINGENT AS DETERMINED THE DISTRICT, BHALL APPLY. PRIOR TO WARRANTY INSPECTION ALL SANTARY SEWERS SHALL BE FLUSHED, VIDEO INSPECTED AND ALL DEFECTS CORRECTED, INCLUDING LATERAL FROM HOUSE CLEANOUT TO SEWER MAIN.

> TETTIMOS BAMAL BE BITLAMBOUS CONTED DUCTILE IRON MECHANICAL, JOINT AND BHALL BE VALLY COMBENT LIBED, ALL FITTINGS USED FOR DIRECTIONAL CHANGES BHALL HAVE CONCRETE KICKERS INSTALLED. ALL WATER MAINS SHALL BE EVC, CLASS 200 PRESSURE PIPE AWWAAND NSF APPROVED WITH INTEGRAL BELL GASIXETED PUSH-ON JOINT.

WHEN THE TREICH SCOMMTON IS IN SOIL AND NOT WITHIN A STREET,
THE PIEP CAN BE SCHOOLD CHEA NAMEMAN OF 21 SOILS ADOVET 11 THE
OF THE PIEP CAN BE SCHOOLD CHEA NAMEMAN OF 25CES OF ROCK LARGE
OF THE PIEP WITH SELECT SOIL COMMINION OF DECES OF ROCK LARGE
THAN IS RICH IN SEE SACKEL LAWS THE OLD SHEW SHEW, NOT
CONTAIN FIECES OF ROCK LARGER THAN 8 INCHES IN ANY DIMENSION.

DOUBLE BERVICE BHALL CONSIST OF A 1 INCH CORPORATION STOP, BADDLE, 1 INCH PE WITH 34 INCH PVC PIGTALLS SERVICE PIPE, U BRANCH METER BETTER (50° X 34"), METER BOX AND TOP A BINGLE BERVICE BHALL CONSIST OF A 34 INCH CORPORATION STOP, BADDLE, 34 PE WITH PVC PIOTALL SERVICE PIPE. METER SETTER (88° X 34°), METER BOX AND TOP WHEN THE TREMCH IS IN ROOK, THE PRE SHALL BE SECDED ON 8 INCHES OF NO.5 OR NO. 38 (USUBHED STOKE MAD) SHALL DE MOOFS LEED WITH COR NO. 38 CRIMINED STOKE FOR AMINIMAN OF IZ INCHES AGOVE THE TOP OF THE PIPE BANGELLA SHOWE THIS COURT ON SHALL NOT CONTAIN PIECES OF ROOK LARGER THAN 8 INCHES IN ANY DIMENSION.

WATER FACILITY NOTES

STORM DRAINAGE FACILITES NOTES

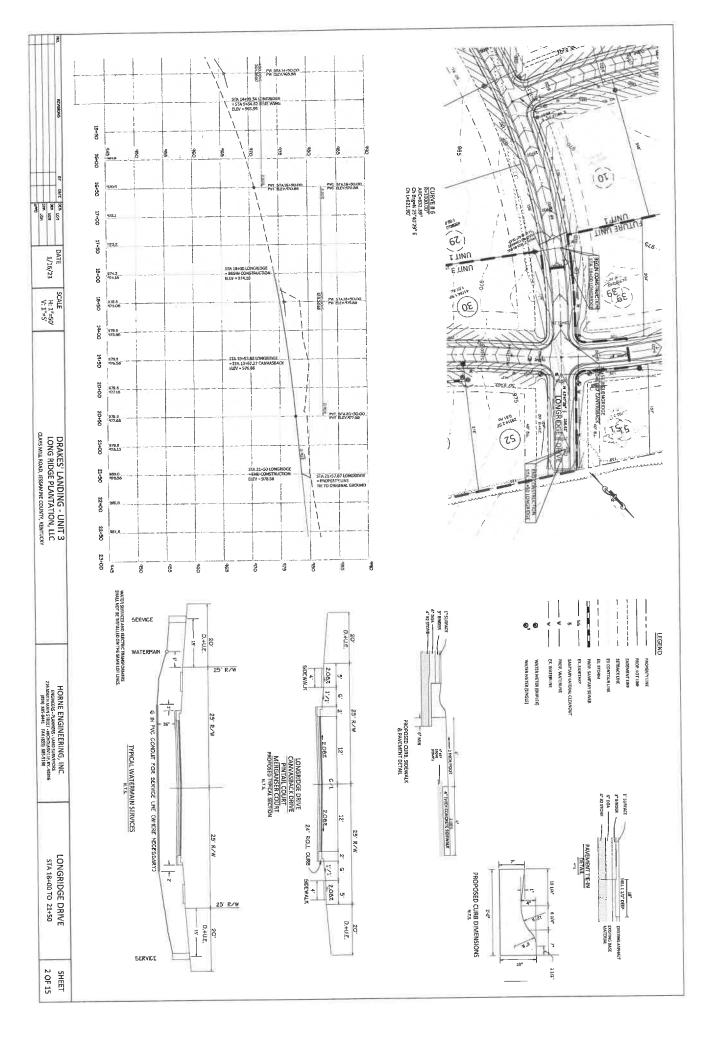
RAINAGE PATTERNS WILL BE MAINTAINED. SPECIFIC OVERLOT GRADES MAY VARY

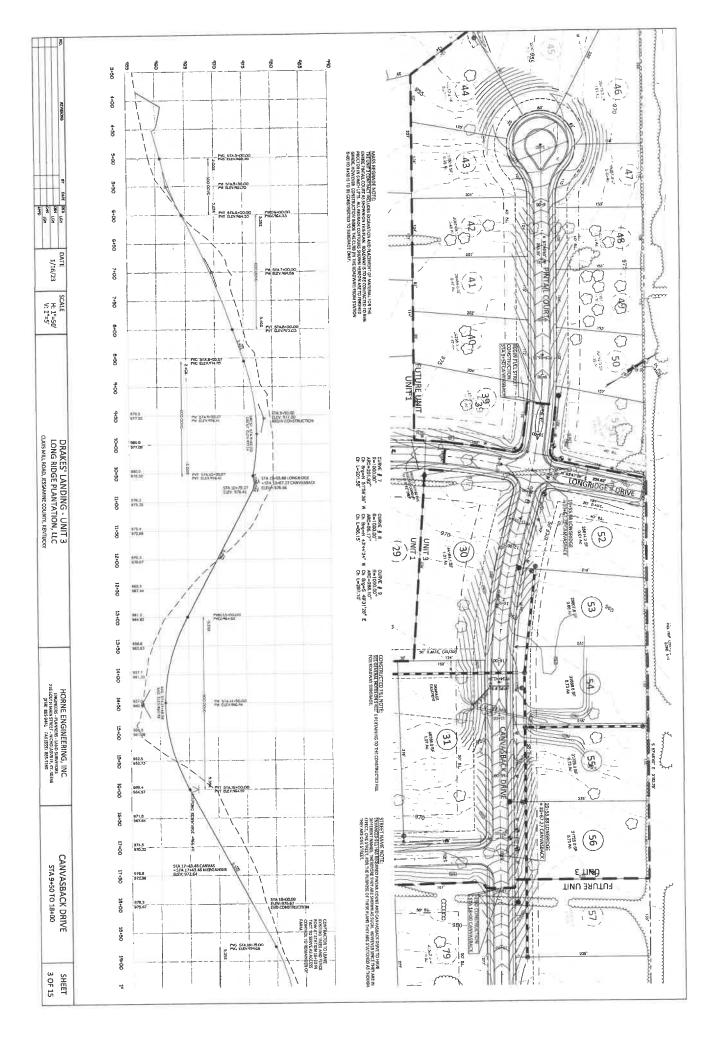
EQUIPMENT USED FOR PROOF ROLLING SHALL BE A LOADED ENEUMATIC TIRED VEHOLE SUCH AB A DUAL AXLE DUMP TRUCK WITH A MINIMUM LOADED GROSS WEIGHT OF 37 TOMS.

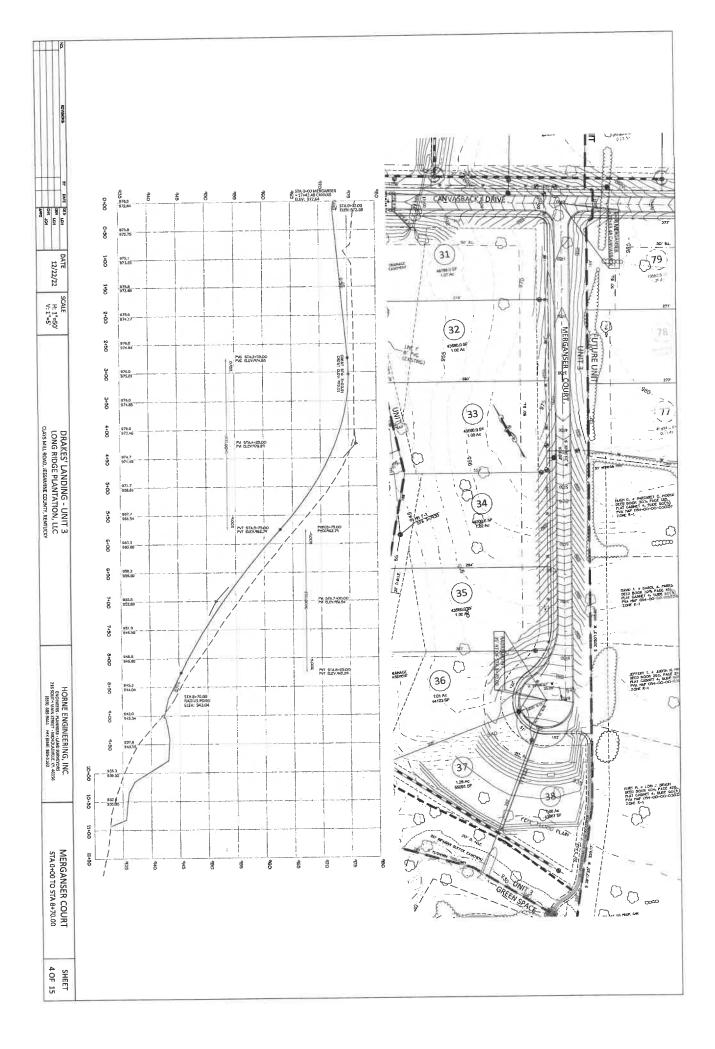
GEOTECHNICAL NOTES

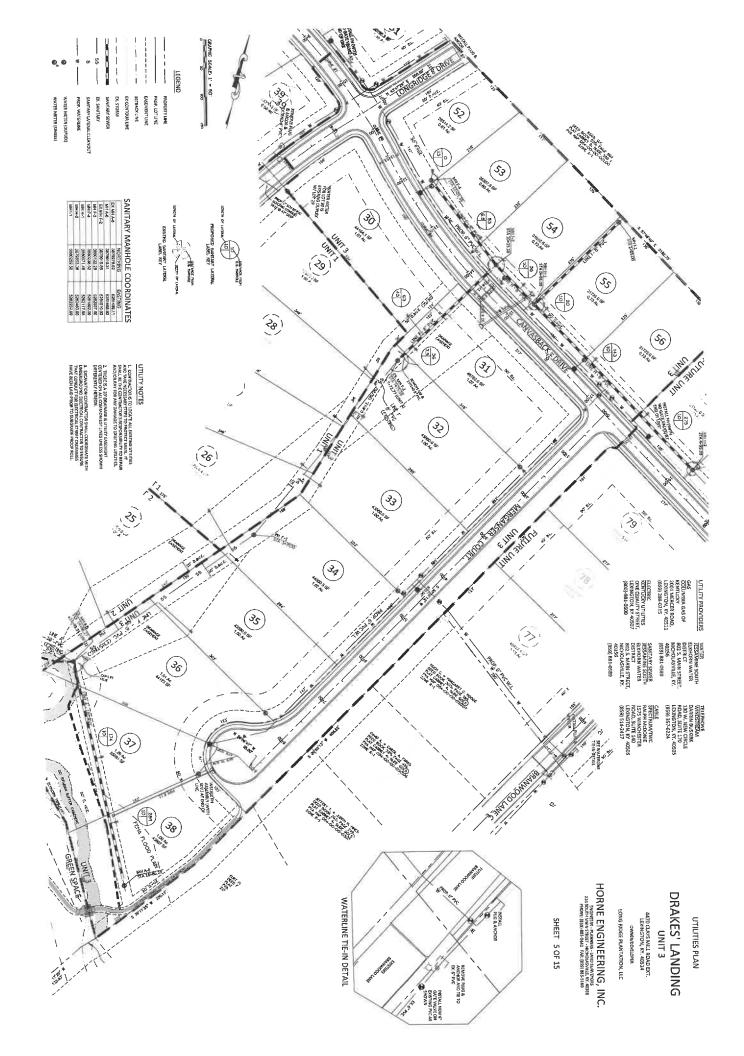
OR EMBANKMENT FOUNDATION.

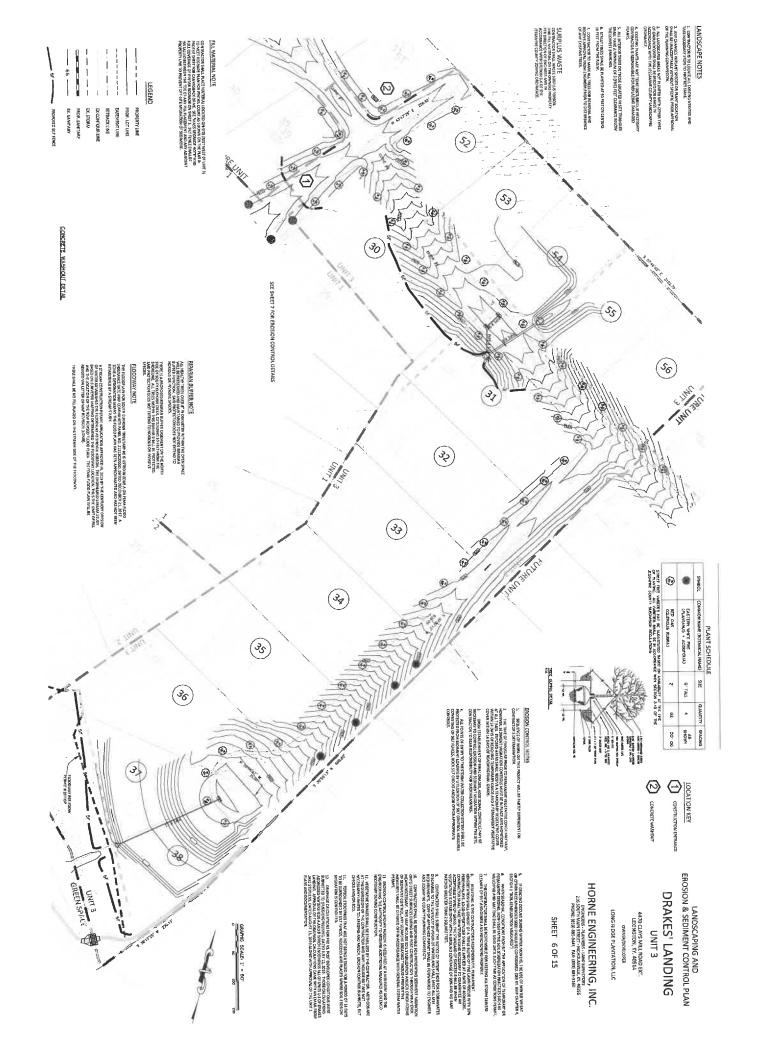
RESTOTO THE ASSESSMENT PROMISES THE CONTRIBUTIONS OF WARTS FACILITIES, METRICAL STREET, STREE AT THE COMPLETION OF THE PROJECT, THE COMPLETION IS MALL BEHAVIS ALL WASTE WATERIAM, TREBERS AND STEEL BEFORE AND AND THE AREA OF THE OFFICE OFFIC UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OSTAINING ALL NECESSARY PERMITS AND LICENSES. PRIOR TO THE MOBILIZATION OF EQUIPMENT, A PRECONSTRUCTION CONFERENCE. SHALL BE HELD ON SITE ATTEMDED BY THE CONTRACTOR, THE ENDINGER, THE OWNER, THE COUNTY ROAD SUPPRISOR, THE PLANKING COMMISSION AND THE JESSAMINE SOUTH ELVEIDEN WATER DISTRICT. ANY CHAMBER FROM THE APPROVED PLANS SHALL SE SUBMITED IN WRITING TO. APPROVED THE PLANNING COMMISSION OR THE LESSAMER SOUTH ELIKHORN WATER DISTRICT, AS APPLICABLE, PRIDR TO THE WORK BEING CONE. THE CONTRACTION SHALL WHERE APPRICABLE, PROVINCE BHOP DRAWINGS FOR MATERIALS USED ON THE PROCEST. WHICH SHALL BE PORWARDED ELECTRONICALLY TO THE BYOINERS FOR APPROVAL PRIDH TO ORDERING. THE CONTRACTOR SHALL PROVIDE MATERIAL CERTIFICATIONS FOR ALL MATERIALS USED ON THE PROJECT INCLUDING STORM AND SANITARY SEWERS. during the progress of the work, the contractor shall keep the premises free promaccumulations of waste inaterials, rubbish and other debris tesulting from the work. WITHIN 10 DAYS FOLLOWING THE PRECONSTRUCTION CONFERENCE, A PROJECT SCHEDULE SHALL SE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER, THE PLANNING COMMISSION, THE JEBBAMINE SOUTH ELKHORN WATER DISTRICT. THE ENGINEER SHALL FORWARD SHOP DRAWINGS TO THE JESSAMINE SOUTH ELYHORN WATER DISTRICT AND PLANNING COMMISSION. THE CONTRACTOR SHALL PROVIDE BANITARY FACILITIES FOR HIS EMPLOYEES AND SUBCONTRACTORS AT THE COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROMPTLY AND PROPERLY REMOVE THESE SANITARY FACILITIES. HE COMPRICED SHALL LIST ALL POSSIBLE CASE IN ECONATING ON THE REALEST TO BE CONTINUED AND THE REALEST TO BE CONTINUED AND THE PLANE DESTRUCTIVE AND LOCATIONS OF EXISTING ALL THE PLANE CONTINUED AND LOCATIONS OF EXISTING AND LISTED AND LOCATIONS OF EXISTING AND LISTED AND LOCATIONS OF EXISTING AND LISTED AND LOCATIONS OF THE PLANE AS EXPONENTIAL TOWN AND THE CONTINUED AND LOCATION AND THE RESPONSIBILE FOR PROTECTION AND RESTORATION OF ALL UTILITIES AT NO ADDITIONAL CONTINUED. THE CONTRACTOR IS ADVISED THAT UTILITY LOCATIONS SHOWN WITHIN THESE PLAN DOCUMENTS ARE APPROXIMATE AND NEED TO BE VERIFIED PRICH TO BEGINNING WORK. THE UZUMATE RESPONSIBILITY FOR UNDERGROUND UTILITY LOCATIONS IS THE CONTRACTOR'S. UTILITY LOCATIONS/BEFORE YOU DIG JESSANINE COUNTY, JESSANINE SOUTH ELKHORN WATER DISTRICT AND NEHTLOCK DEPARTMENT OF HIGHWAYS SPECIFICATIONS, ALL LATEST EDITIONS SHALL APPLY TO THE WORK DESCRIBED WITHIN THESE PLAN DOCUMENTS UNLESS SPECIFICALLY DIRECTED BY NOTE OTHERWISE. TANDARDS OF COMBTRUCTION ALL EXCAMATION FOR THE PROJECT WHETHER TRENCH OR MASS SHALL BE CONSIDERED AS UNCLASSIBLED CONTRACTION SHALL TAKE ALL STEPS, INVESTIGATIONS, AND PROGEDURATE IN GEEMS HIGGSGAMY TO SAFFEY HAMSELF OF COCATION, TYPE, AND QUANTITYOF ROCK MATERIAL TO BE ENCOUNTERED. HE CONTRACTOR IS ADVISED THAT HE SHALL CONTRACT KENTLICKY BIT, ANDIOGN NON LEWISER KENTLICKY BIT UTLITIES. A WANAMAN OF Z BUSSNESS CAVS PRIOR TO KCANYTION TO REQUEST INFORMATION ON THE LOCATION OF EXISTING INDERGROUND UTILITIES. THE ENTINE AREA WITHIN THE CONSTRUCTION LIMITS SHALL BE CLEARED OF ALL WREEDS, BRUGH, BRANST TREES, STUARS, AND OTHER PROTIBUDING DISTRUCTIONS NOT DESCRIANTES TO REJAMIL RACEFF WITHIN AREAS THE ENGINEER MAY DESCRIATE TO REJAMIN UNDISTURBED. SHOULD ROCK REMOVAL BE PERFORMED BY BLASTING, THE CONTRACTOR BYALL FERFORM ALL OPERATIONS IN STRICT CONFORMANCE WITH ALL APPLICABLE LAWS CCK EXCAVATION ONSTRUCTION STAKING TO BE PROVIDED BY THE OWNER UNLESS ALTERNATE STAKING PLAN APPROVED BY OWNER IN ADVANCED THOUSENESS OF THE PROPERTY OF BOLID OBJECTS WHICH WILL BE AMINIMUM OF THREE FEET BELOW THE BUBGRADES BYALL BE GRUBBED EXCEPT UNDISTURBED STUMPS ROOTS AND VORPERBY-MSILE BYALL BE GRUBBED EXCEPT UNDISTURBED STUMPS ROOTS AND VORPERBY-MSILE LEARING, GRUBBING AND REMOVAL OR TO COMMENCEMENT DE CLEARING, GRUBBINO AND REMOVALB, ANY AREAS BIGNATED ON THE FLANS OR IN THE EKCINEER NA THREE PRESERVATION AKENS "DO NOT DISTURB AREAS" BIALL BE DESIGNATED WITH ORANGE SAFETY FENCE BECURITY TAPE AS DIRECTED BY THE ENGINEER HH/H Nad A SHEEPSHOOT ROLLER BHALL BE UBED TO COMPACT COHESIVE FILL MATERIAL AND A SMOOTH DRUM YIBDAYCORY BOLLER UBED FOR GRAMALIAR SOILS. A HAND MAYORG OR VIBRAYORY BY ATE BHALL BE UBED TO COMPACT BACKFILL ADJACENT TO FOUNDATIONS AND UTILITY TRENCH BACKFILLS. SOILS PLACED AS FILL OR BACKFILL WITHIN THE PROPOSED SITE SHALL SE COMPACTED TO 95 PERCENT STANDARD PROCTOR DENSITY AT A MOSTURE CONTENT WITHIN 4 TO 42 PERCENT OF OFTIMUM. IF ANY UNSTABLE AREAS ARE EXPOSED BY PROOF ROLLING, THOSE AREAS SHALL BE UNDERKLIT AND REPLACED WITH PROPERLY COMPACTED MATERIAL, OR AS DIRECTED BY THE ENGINEER. THE USE OF A SDIL/SHOT ROCK MIXTURE WITH MORE THAN 20 PERCENT SOIL. FOR FILL CONSTRUCTION BHALL BE LIMITED TO NONSTRUCTURAL AREAS OF THE SITE SHOT ROCK OR MEDIAMICALLY EXCAVATED ROCK MAY BE USED FOR TRENCH FILL MATERIAL AS COND. AS THE LARGEST DIMERISION IN ANY DIRECTION OF THE ROCK PRAGMENT DOES NOT EXCEED 8 INCHESILIFT THICKNESSES SHALL NOT EXCEED 12 NOMES. WITHOUT REASON OF THE MATERIALS ENCOUNTERED, ALL RECOMMITOR SHALL BE UNEXLASSIFIED IT REVALUE RESIDENCE THE PARKET OF THE RESIDENCE THE PLANS OF CROSS SECTIONS AND PROCESS CENTER IN MAINTAINES NOORSEL TITESTED, OF UNESS IN SOUTH OF THE PROCESS AND AND PROCESS OF THE PROCESS O THE PLANS BAY, OR MAY HOT BYDIGHT? THE ENGINE COCKTIONS OF THE WARDLE TYPES AND QUARTIES OF THESE MICE PLANFORM THEM O'DE HEADORD AND DISPOSED OF MONEYCE IT BY THE MENT OF THESE ENGINE OF MANY THE REMOVEL OF ANY SUCH ITEMS THAT FALL WITHIN THE LIMITS OF CONSTRUCTION WHALL BE CONSIDERED WICE-SOSPIELD. EXPANCIOS RINLLINGLUGE THE EREVIAL AND DISPERIAL OF MISCIELLANEDUR STRUCTURESSERIALVES POROM MYTHISH THE CONSTRUCTION UNITS SECH CAS SE LIMITED TO, ALL TYPESS OF PARKENTI AND PARMENER BASES, WHETHER RICHOUGH R. PORILES EINENAUL, CHERNIAL PROPERTIES AND CONTINUE THAN AND PARKENT MULTE SUCHAS DEVALAGE PERES SHAFTANY SERVER PEER VANTERLINES, AND OTHER VALUES SUCHAS DEVALAGE PERES SHAFTANY SERVER PEER VANTERLINES, AND OTHER UNITER SUCHAS DEVALAGES PERES SHAFTANY SERVER PEER VANTERLINES. ALL TESTING OF EMBANOJENT OR BACKFILL BHALL BE PROVIDED BY THE CONTRACTOR, THE CONTRACTOR BHALL BE RESPONSIBLE FOR COORDANATING WITH THE BESTECHHOLD, IF IRM TO INJUSTE THAY ALL REMANOVENT OR BACKFILL IS TESTED AND MEETS THE REQUIRENEENTS OF THESE STANDARDS AND SPECIFICATIONS. TESTS FOR THE DEGREE OF COMPACTION FOR SOIL SHALL BE MADE ON EACH LAYER BEFORE PLACEMENT OF THE NEXT LAYER. IN AREAS WHERE THE DENSITY IS ACHIEVED THROUGH THE USE OF HAND OPERATED EQUIPMENT, LOOSE LIFT THICKNESS SHALL NOT EXCREO 4 INCHES SOIL USED FOR STRUCTURAL FILL SHALL BE PLACED IN LAYERS NO OREATER THAN 8 INCHES IN LOOSE THICKNESS AND COMPACTED TO THE LIMITS PREVIOUSLY MENTIONED. EVALUATION OF ROCK FILL PLACEMENT AND THE INTEGRITY OF THE ROCK FILL SALL RED ETERMINED BY YISJAL REDECTION OF THE PLACEMENT PROCEDURES BY A DUALIFIED TEXTURAL WORKING UNDER THE SUPERVISION OF A PROFESSIONAL CONTOCHNICAL ENGINEER. DATE 8/2022 2 COMPACIOS SMALL BECORE ET RATINS ATE ECCAMPION. STEP ALL TOPSOLL HENA COMUNICA CE 11 PER 15 DE BECALOPEN AND STORER M. CONCINCI NAT HENA CHIMINE RESIL MINI A SIT DENEL COMENT OFFENTIONS. CONTRACTOR SHALL BE MEDIO NEILLE 16 M REDISTRIBUTINO TOPSOLL IN TRIBH GRADE AFEAS, BACINT LINIS ALBONS DEDIVA MS. ETC. ALI SUTTABLE MATERIAL REMOVED FROM THE EXCAVATION SHALL BE USED, IN 50 PAR ABPRACTION, IN THE FORMATION OF EMBANOMENTS, SUBGRADE, EHOLUDERS, BAKRILL FOR STRUCTURES, OR FOR CITIER PURPOSES SHOWN ON THE PLANS OR AS DIFFECTED. THE COUNTED TO BUILD THAN WHIS OWN CONCLUSIONS AS TO THE CONTROLLED THE CONCLUSIONS AS TO THE CONTROLLED THE CONCLUSIONS AS TO THE CONCLUSIONS OWNERS OF THE REMARKER DOES NOT ONE ANY CHARACHITE AS TO THE DATA AND THE CAM WILL BE CONSIDERED FOR A MODIFICAL COMPRESSION WHICH THE ANTERIALS ENCOUNTERED ARE NOT IN ACCORD WITH THE CLASSIFICATION BEFORM. EXCEPT AS OTHERWISE SPECIFICALLY STATED, EXCAVATION SHALL INCLUDE INLEX AND OUTLET DITCHES, REGARDLESS OF THE CLASSIFICATION OF THE MATERIAL ENCOUNTERED. IF SIMKHOLES ARE FOUND PRIOR TO OR DURING CONSTRUCTION, ALL CONSTRUCTION ALL CONSTRUCTION ACTIVITIES IN THIS SIMKHOLE WOINITY BHALL CEASE AND THE EMBINEER OF RECORD WOITE INDICA ACTIVITIES REAR THE SIMKHOLE BHALL NOT RESUME UNTIL DURING CONSTRUCTION ACTIVITIES REAR THE SIMKHOLE SHALL NOT RESUME UNTIL DIRECTED SO BY THE ENGINEER. GESLOGIOAL FEATURES MAY BE PRESENT ON THIS PROPERTY. THESE FEATURES, IF IDENTIFED MILLSE THOROUGHLY SURPCYCED AND TESTED BY A SECTED-MICH. ENGINEERING FIRE, ANY RECOMMENDATIONS FOR THESE AREASYML SE ADDRESSED WITH REVISIONS TO THE CONSTRUCTION PLANS. 4. THE OVERLOT RE-GRADE LINES SHOWN HEREON ARE FOR DETERMINING OPENIANGE LIMITS AND ARE SUBJECT TO REVISION DURING CONSTRUCTION, GENERAL 2 BYOLL D CONTRACTOR ENCOUNTER ROCK EXCANATION, THE ROCK SHALL BE REPOYED TO A MINIMAL DEFTH OF 12 INCHES BELOW FINSHED GRADE LIVERER THE VERBETATIVE AREAS, REFILL SHALL BE IN ACCORDANCE WITH GETTECHNICAL NOTES 1. ALL SPOT ELEVATIONS INDICATE FINISH GRADE OF BURFACE, ADJUSTMENTS MUST BEMADE TO ESTABLISH GRADES OF SUB-BASE OR SUBCRADE SITE GRADING NOTES NO EXCANATED MATERIAL SHALL BE WASTED WITHOUT PERMISSION, EXCANATED WASTEN, IN EXCESS OF THAT REQUIRED FOR NORMAL ENBANDAMENT CONSTRUCTION SHALL BE WASTED WITHOUT HE PROJECT LIMITS, WHERE AND HOW AS SPECIFICALLY DIRECTED OR APPROVED BY THE ENGINEER. 2 WHEN THE TREMCH EXCANATION IS IN SOIL, THE PIPE SHALL BE BEDDED ON JI LEGAT IN NOISE OF HIS ORN HO AND AN EXHIBITED STORE AND SHALL BE BLACK OF WHITH AND, 9 OF HO OF STREAMS STORE TO THE TOO THE PIPE OF THE RESIDENT OF THE PIPE OF T MAND IN SEAL ME CONSTRUCTED OF FREIGHT COMPOSE. THE MAND IN SEAL ME CONSTRUCTED OF FREIGHT COMPOSE. THE MAND IN SEAL ME CONSTRUCTED OF FREIGHT COMPOSE. THE MAND IN SEAL ME CONSTRUCTED OF FREIGHT COMPOSE. THE MAND IN SEAL ME CONSTRUCTED OF FREIGHT COMPOSE. THE MAND IN SEAL ME WE SEARCH COMPOSE. THE MAND IN SEAL ME WE SEAL ME DRAKES' LANDING - UNIT 3 LONG RIDGE PLANTATION, LIC CLAYS MILL ROAD, JESSAMINE COUNTY, KENTUCKY ALL BANITARY SEWER LATERALS SHALL BE S' AND ALL LATERALS SHALL HAVE A CLEANDUT. HEADWALLS AND OTHER CONCRETE STRUCTURES SHALL BE AS DESIGNATED ON THE APPROVED DONSTRUCTION PLANS, AND SHALL CONFORM TO THE GENERAL BREDIEXTIONS, ALL HEADWALLS OF OR HIGHER SHALL MAYE CHAIN LINK FENCE INSTALLED ON TOP. 3 NHJEN THE TRENCH ESCAMITION IS WITHING STREET (I.S., ENCIX OF CURESTO BACK OF CURE), THEN THE ENTIRE TRENCH SHALL BE BACKFILLED WITH NO. 8 OR NO. 68 CRUSHED STONE. I, WHICH THE TERRON EXCAUTION IS IN PROCK. THE PIPE SHALL BE BEDDED ON AT LOSATE INCHES ON A DIO NO AND COLLEGED STOME, AND SHALL BE SLOVET LED MITHAN DIO NO SHALL BOOK STOWLE FOR A MANUAL OF TE IMPERS ARDYSETHET OF OTHER PIEL MANUFACTURE CHESIAND BHALL NOT CONTAIN PIECES OF ROCK UNRIGHT THAN IS ARCHES IN ANY DIMENSION. ALL FLUSHING, ART TESTING, WACHUM TESTING, AND HYDROSTATIC TESTING SHALL THE RESPONSIBILITY OF THE CONTRACTOR, ALL REPARS, BERNSPECTION ITY, MR TEST, WACHUM TEST, MAD CLEANING OF THE GRAVITY SEWERS DUE TO RESULTS FROM THE INTIVAL NISPECTION SHALL BE PAID FOR BY THE CONTRACTION. ALL SANITARY SEWERS SHALL BE JET FLUSHED PRIOR TO TH INSPECTION (BOTH PUNCH LISTAND WARRANTY) AND TESTING. THE FLUSHING SHALL BE THE CONTRACTORS RESPONSIBILITY. ALL BANKTARY AND STORM SEWER MARKOLES SHALL BE 4" IN DWANKTER, UNLESS OTHERWISE NOTED, AND MARKED WITH A T METAL T" FENCE POST PAINTED FLORERENT GREEN, HAVING 4" EXPOSED ABOVE GROUND. ALL BANTARY LATERALD SHALL BE WITNESSED WITH A T METAL TT FENCE POST PAINTED HIDRESCENT GREEN, HANING & LEDOSED ABOVE GROUND, A VELONG NO. 5 REBAR SHALL BE PLACED ACROSS THE END OF EACH LATERAL (BEE DETAILS) ALL BANITARY BEWER LATERALS SHALL BE CONSTRUCTED A MINIMUM OF 5' OUTSIDE THE RIGHT-OF-YMAY OR EAGEMENT LINE. STORM MANHOLES FOR PIPES OD WCHES OR SMALLER IN DIAMETER BHALL REDURE IMPROVED INVERTS. AS-BUILT FIELD SURVEY SHALL BE AUTOCAD FORMAT AND SHALL INCLUDE A POINT COORDINATE FILE WITH VERTICAL ELEVATIONS INCLUDING: DANIMADE RWALES AND DETENTION BASINS SHALL CONFORM TO THE GENERAL SPOCIFOL/TIONED DRAMAGE SWALES SHALL SE SOCIED TO THE ELEMATION OF THE SALEAR RESOLUTION, TOTAL THE SOLUTION, TOP, AND SIDE SLOPES OF DETENTION PASINS SHALL SE SOCIED. ELEGIER DOCUMENTA HANDE MANDE SAML DE LOS TO RENCHES, MERTICAL DESMOST DE MANDE SERVICES IL DECUMENTO DE MANTE MANDE ME CONTRIBUTO PLA DE MANDE SERVER EN LES PLE CALLES MANDE MANDE DE TAMEN HANDE BECAMP THE BENER HE GEODISMO SAMLE DE MANDE DE TROM MATTE BENER HANDE DE MANDE LES COURSES MANDE LES CONTRIBUTA LES COURSES MANDE LA MANDE DE MANDE LES COURSES MANDE LA MANDE MANDE DE TAMEN LA MANDE MANDE MANDE LES COURSES MANDE LA MANDE MAND ALL PAC DANTAFF ERWEIRS BALL DE SIDLECTED 10 ALCHAP REGISIPER AM TEST. THE LOW RESIDENTAM TEST TICK MAKE LET SERSON DIBBUTTO D'THE SERSON DE LET SERSON DE L BANITARY SEWERS ALL BANTTARY BEWERS, INCLUDING LATERALS SHALL BE BUBLICCTED TO A TY TEST INSPECTION. THE TEST GHALL BE PERFORMED UNDER THE DIRECTION OF THE 4856AMANE BOUTH ELMHORN WATER DISTRICT. L CATCH BASINS, RM AND RIVERT I, STORM MANHOLES, RIM AND INVERT I, HEADWALL INVERTS ALL BURNED DUCTILE IRON PIPE BHALL HAVE MANUFACTURERS DUTBIDE COAL TAS OR ABPHALTIC BASE COATIBO AND SHULL BE COATED WITH PROTECTO 401 GENANIC PROYN HACORDRANGE WITH THE LEVINGTON-FAVETTE URBAN COLINTY SOMER SPECIFICATIONS. SEWERS SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE. ILL BANITARY SEWER MANHOLES SHALL BE VACUUM TESTED, THE TESTING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERSONNED UNDER THE DIRECTION OF THE JESSAMINE SOUTH ELICHDRY WAYTER DIBITRIDT. SURFACE INLET. TOP OF GRATE AND INVERT TOPO OF DETENTION/RETENTION BASIN CONTROL MONUMENTS AND COORDINATES LESS DTHERWISE WOTED, ALL PYC SANITARY SEWERS BHALL BE FYC SOR 35 AND L DUCTILE IRON SANITARY SEWERS SHALL BE CLASS 350. , MARI, CONSTRUCTION INTO MARKOLES MUST BE FACTORY INSTALLED WITH COCK OR ECULL) WATER STOPS. NO MORE FINAL 4 PERFOATIONS SHALL BE COVED PER MANIOLE. NO GEGLERE TIVAN 4,7 PERFEI ELIXIFOCH CHARGE SHALL BE CORDON BY THE MAINT THE MAINHOLE. CHANGES GREATER THAN 2 FEET SHALL BE A DROP MANHOLES SHALL NOT BE COVERED BY ANY CONSTRUCTION OPERATION. THE SCORE ESANDOLOF HE FIRST TO GO CAN TRUSTURE BY INSURING BRIST DOMINGAGES SANDOLOF HE FIRST TO GO CAN TRUSTURE BY INSURED TO GO THE RIST DOMINGAGES SANDOLOF SANDOLOF HAVE THE SERVICE CONNECTION NOT THE STRUCTURE CAN DESASSINE THE SANDOLOF HAVE THE SERVICE CONNECTION NOT THE STRUCTURE CAN DESASSINE THE SANDOLOF HAVE THOSE ESANDOLOF WHICH HAVE SERVICE TO GO SANDOLOF HAVE THE THE SERVICE HAVE SANDOLOF THE SERVICE THE SANDOLOF HAVE THE SERVICE THE SANDOLOF THE SERVICE THE SERVICE HAVE THE SERVICE THE SANDOLOF THE SERVICE THE SERVICE HAVE THE SERVICE THE SERVICE THE SERVICE THE SERVICE THE SERVICE HAVE THE SERVICE THE SERVICE THE SERVICE THE SERVICE THE SERVICE HAVE THE SERVICE THE SERVICE OF THE SERVICE THE SERVICE THE SERVICE HAVE THE SERVICE THE SERVICE OF THE SERVICE THE SERVICE THE SERVICE HAVE THE SERVICE THE SERVICE HAVE THE SERVICE THE SERVICE HAVE THE SERVICE HAVE THE SERVICE THE SERVICE HAVE THE SERVICE HAVE THE SERVICE THE THE MARKE USE THAT HE MEDICATE THE PLACE HARES OF REMANDER! CONTRETEND IS MAY THE MEDICATE THE PLACE HARES OF REMANDER! WHITTEN REPORTS FROM AN PERFOYED CONTREMENT FROM RECORDED YAY. SAN EMBANABLE CORREST ON METTO OF CORRESPOND CONTREMENT FROM RECORDED AND COMES AS-BUILT FIELD SURVEY SHALL BE AUTOCAD FORMAT AND INCLUDE A POINT COORDINATE FLE WITH VERTICAL ELEWITONS INCLUDING, BUT NOT LIMITED TO THE FOLLOWING: ANY PROPOSED CHANGES IN THE APPROVED SEWER DESIGN SHALL BE SUBMITTED TO AND APPROVED BY JEESAMINE SUITH ELIKHORN WATER DISTRICT AND LEXING TOH-FAPETE BUREAU COLUNY GOVERNMENT PRIOR TO BEGINNING OF CONSTRUCTION OF SAID REVISION. IN STUATIONS WHERE THE STOMA SEWER IS OVER! THE SANTHAY SEWER, LEDWISTON-PAPTET IT SEWEN COUNT OF CHEMINATE TEXTICALS STRUCTURE. LEDWISTON-PAPTET IT SEWEN COUNT OF CHEMINE TEXTICAL SEWER SEWER ASONE, COPEL EXAMPLISHMENT IN EDWIS OF COMPANION OF CHEMINE THE ANALY SEWER S ALL RECTRIC AND COMMUNICATIONS LINES AND APPURTENANCES SHALL BE INSTITLED WITH A MINIMUM OF δ' SEPARATION FACIN ANY WATERMAIN OR WATERLINE APPURTENANCE, N STLUTIONS WHERE THE RANDAM REWER IS CHEET THE STUBM SEVERY A GENERAL LEAST THE MEMORY THE PROPERTY OF THE STUBMENT OF THE ST ALL OF LAYERALS SHALL HAVE A CLEAN DUTAS PER LEXINGTON-FAVETTE URBAN COLATTY GOVERNMENT STANDARD DRIAWING \$233 AND EXTEND A BINIMUM OF 4 FEET ABOVE FINISHED GRADE. THREE (3) COPIES OF INSPECTION LOGS AND DIGITAL DISK SHALL BE DELIVERED Y JESSAMINE SOUTH ELKHORN WATER DISTRICT, FOR BOTH THE PUNCH LIST AND WARRANTY INSPECTION. THE SEMER PER, ETHER GRAVITY OR FORCE MAIN, SHALL BE BEDOED ON AT LEAST 6 MOCKES OF NO. 5 ON RIO. 56 CRESISED STONE, AND SHALL BE MEDITED STONE WITH MOST 5 ON RIO. 56 CRESISED STONE RES. ANALL BE MEDITED STONE RES. ANALMANIAND OF 22 DOESE ASARY THE RES. OF THE PER. SEMESTED STONE RES. ANALMANIAND OF CONTRIBUTE ASARY THE SEMESTAND AT LINEARS IN MY DIRECTION. EACH MANHOLE AS IT IS INSTALLED SWALL BE WITNESSED AND MONUMENTED WITH ALL MANHOLES SHALL HAVE A HDPE PLASTIC MANHOLE INFLOW PROTECTOR EQUIPPED WITH A NYLON STAP, DOUBLE VALVE AND GASKET, SUITABLE FOR ONE PERSON OPERATION. WHEN THE TRENCH EXCAVATION IS WITHIN A STREET (I. a., BACK OF CURB TO BACK OF CURB) THEN THE ENTIRE TRENCH SHALL BE BACKFLLED WITH NO. 9 OR NO. 88 CRUSHED STONE. BEDDING AND BACKFILL SHALL CONSIST OF THE FOLLOWING: SEWER LATERALS SHALL BE OF THE SAME MATERIAL AS THE MAIN LINE. NO SEWER LATERAL SHALL BE CONSTRUCTED FROM A MANHOLE. ALL SEVVER LIKES SHALL DE PVC, SDR 36. MEETING THE REQLIREMENTS OF ASTM DESIGNATION D-3004, UNLESS SHOWN OTHERWISE ON APPROVED CONSTRUCTION PUANS, ALL PIPE SHALL BE OF THE BELLAND SPIGOT TYPE AND FURNISHED WITH VURSER GASKITS. MANAGLE, HANADOWERT FERE EM HT THEM FERE EM HT THEM FOLLOW HE FOLLOW H FOLLOW TEEL "T" FENCE POST PAINTED FLUCRESCENT GREEN, DRIVEN A MINIMUM OF 3 TI WTO THE GROUND, ADJACENT TO THE MANHOLE, PRIOR TO ACCEPTANCE OF FPROJECT, ANY DANAGED MARKER POST BHALL BE REPLACED. IN JOIS JAN LE COMETRICTIO D'EFECOS CONFIETE MA DISMIC D'OFFORM TO THE FEM L'EXPERITATIONE ALL MANIOLITE DES BALLE LE CERTIFE MEDIZATE CORREL SEQUEL DE LOS DES ALL MANIOLITE DES MEDITATIONS DE L'EXPERITATION DE L'EXPERITATION DE MANIOLITE DE MANIOLITE DE L'EXPERITATION DE SALLE L'EXPERITATION DE MANIOLITE DE L'EXPERITATION DE L'EX WHER MANE DROSSING SEMESS SHALL SE LOT O PROMOSE AMMINIMATERISMA. DE MANE DE SEMESTANT DE SEMEST ALL WATERMAN CONSTRUCTION BIGAL COMPLY WITH AND MEET THE RECURREMENTS OF "STANDARD DEFLIC FATURDA BAD STANDARD OF FLUE FOR PROPOSED WATERMAN EXTENSIONS OF THE RESEAMINE SOUTH BLANCHE WATER DORTHOCT WATLANTON BALL BE UNDECTED BY THE RESEAMINE SOUTH ELVHONN WATER DISTRICTS. SALLE DUPLIZ VILLEGE DOMERSHALDE GAVETHINGSE MITH, AMBHAUNINGGE DUWETER OF 18 HORES, HE WILLEGE GESHOLLEGE GAVETHINGSE GAVETHINGSE DUWETER OF 18 HORES, HE WILLEGE GESHOLLEGE DUDIE STOCK AN WEST STEEL FROST OFFICIAL STOCK STEEL FOR THE STEEL STOCK STEEL FOR THE STEEL STEEL STOCK STEEL STE ALL VALVER BHALL HAVE ADJUSTABLE TWO-PIECE CAST (ROM VALVE BOXES AND COVERS. THE TOPS OF VALVE BOXES SHALL BE SET AT FINISH GRADE IN A MINIMUI 24 INCH SOLJARE RENFORCED CONCRETE BLAS. FRE HYDRANTS SHALL BE MUELLER CO., DECKTUR, ILLINDIS, MODEL NUMBER A-423. HYDRANTS MAY BE CONSTRUCTED ON THE SAME SIDE OF THE STREET AS THE MAIN WATER UNE. THE TEE, CATE WALCE, AND THE HYDRANT SHALL BE ROODED SEPARATEY AND CONCRETE KICKER MISTIALLED BEHIND THE TRE AND FINE HYDRANT. CONTINUOUS PRINTED MECRIFICON STATING, "CAUTION WATER LIKE MANNAGO CONTINUOUS PETET JURGE MECRIFICA STATING CONTINUOUS PETET JURGE MECRIFICA STATING CONTINUOUS PETET JURGE MECRIFICA STATING ME TIEAN DETHIS WATERMAIN EXTENSION TO THE DISTRICT'S EXISTING SYSTEM BHALL ONLY DE MADE BY OR UNDER DISTRICT PERSONNEL. THE CONTRACTOR SHALL BEAR COST OF BAID TIE/IN. ALL LIMES SHALL BE INSTALLED, DISINFECTED, AND TESTED ACCORDING TO THE CEMERAL SPECIFICATIONS OF JESSAMINE-SOUTH ELKYONN WATER DISTRICT. TESTING SHALL BE ANNIFICHED BY THE JESSAMINE-SOUTH ELKYONN WATER DISTRICT REPRESENTATIVES AND THEIR ENGINEER. ALL WATER BERVICELINES SHALL BE CAGED IN A 8" PVC CONDUIT WHEREVER LINES ARE INSTALL BENEATH STREETS, CONDUIT SHALL BE BEALED TO PREVENT INTRUSION WATER SERVICES SHALL CONSIST OF THE FOLLOWING, GATE VALVES SHALL BE WITNESSED WITH A FIBERGLASS GATE VALVE MARKER. BEDDING AND BACKFILL BHALL CONSIST OF THE FOLLOWING, MINIMUM COVER SHALL BE 36 INCHES ABOVE THE TOP OF THE WATERMARK CONTRACTOR SHALL AFFIX MEZ TRACER WINE TO THE TOP OF THE INSTALED WATERMAN. AT EACH GATE WAVE THE TRACER DOD WINE SHALL BE BROUGHT TO THE SURFACE OUTSIDE OF THE GATE WAVE BOX AMPA CAJACENT TO ALL FIRE HYDRANTS AND SECURELY FASTENED TO ALLOW FUTURE ACCESS. ALL ADJACENT FITTHNOS, VALVES, FIRE HYDRANTS, ETC. SHALL BE RODDED TYGETHER INDRIDUALIY VIA THE USE OF STAINLESS STEEL, ALL THREAD, WASHERS, NUTS, AND DUC-LUGS. UPON COMPLETION OF ACCEPTABLE TESTING AND DISINFECTION, DISTRICTS REPRESENTATIVE SHALL OBJAIN BAC. TSAMPLES, POSITIVE SAMPLES SHALL BECUIRE FLUSHING AND DISINFECTION UNTIL A NEGATIVE SAMPLE IS OBTAINED. CONTRACTOR SHALL BEAR THE COST OF TESTING. CONTRACTOR BHALL TAKE NOTICE THAT THEY ARE NOTTO OPERATE ANY OF THE DISTRICTS EXISTING GATE VALVES. WHEN NEEDED, THE CONTRACTOR BHALL MAKE A TIMELY REQUIEST FOR DISTRICT PERSONNEL TO OPERATE SAID GATE MALVES. CONTRACTOR SHALL WASRANT ALL MATERIALS AND WORKWANSHIP TO JESSAMINE-SOUTH ELEXHORI WATER DISTRICT FOR A PREDIOD OF ONE (1) YEAR FROM DATE OF CONVEYANCE OF THIS WATERWAIN EXTENSION TO THE DISTRICT. LOCATION OF WATERMAIN, FIRE HYDRAMTS, GATE VALVES, ETC. SHOWN ON THE PLAN AME SCHEMATIC AND ARE MOT TO BE SOLAED, RATHER, THE CONTRACTOR IS TO STAKE OUT LOCATIONS PER PLAN DETALLS, DIMENSION, AND DIRECTION, SUBJECT TO APPROVAL OF ENGINEER. IPON COMPLETION OF FUSHING AND TESTING THE CONTRACTOR SHALL LOCK THE METER SETTER WITH A BARREL LOCK AND SHALL DELIVER TO THE DISTRICT A SENSUS SR II ELECTRONIC WATER WETER FOR EACH SERVICE INSTALLED. adequately sized concreté anchors shall be required at all fittings and fire Hydriait's whether restrained. Rodded, or otherwise. BJ ٤ Ł

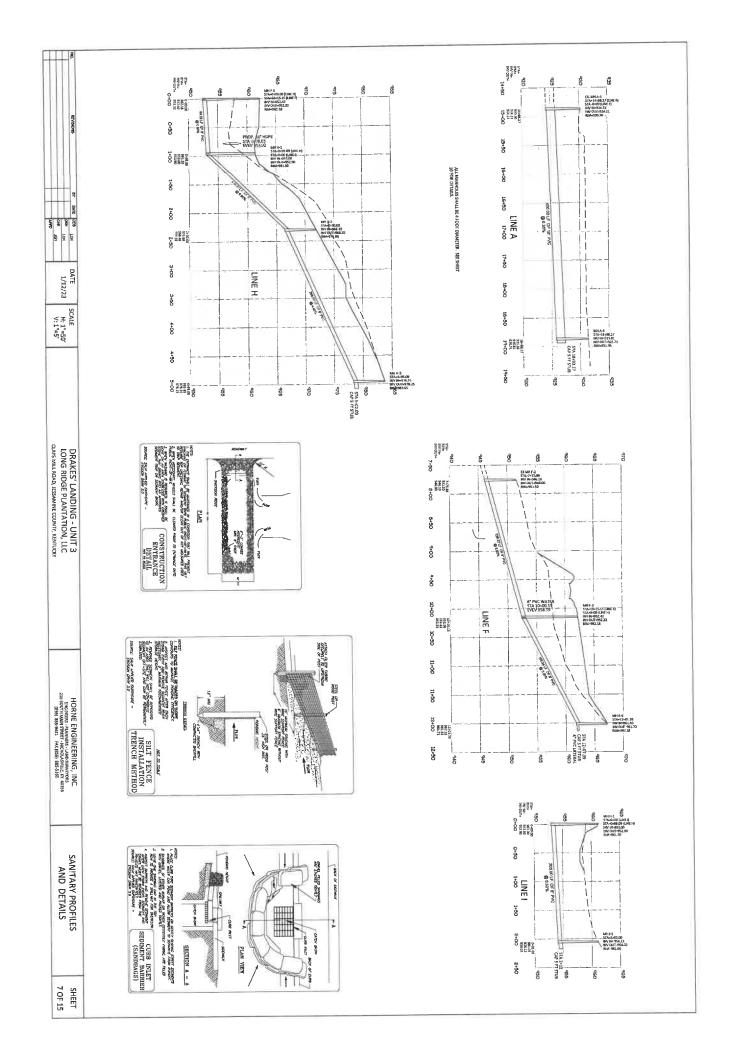


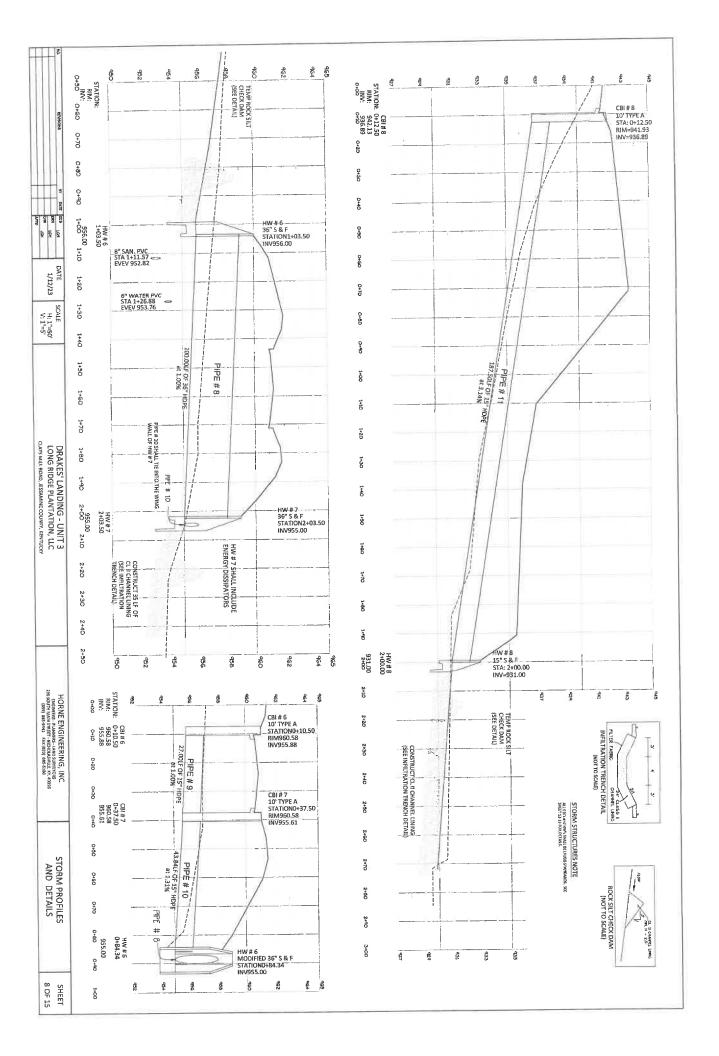


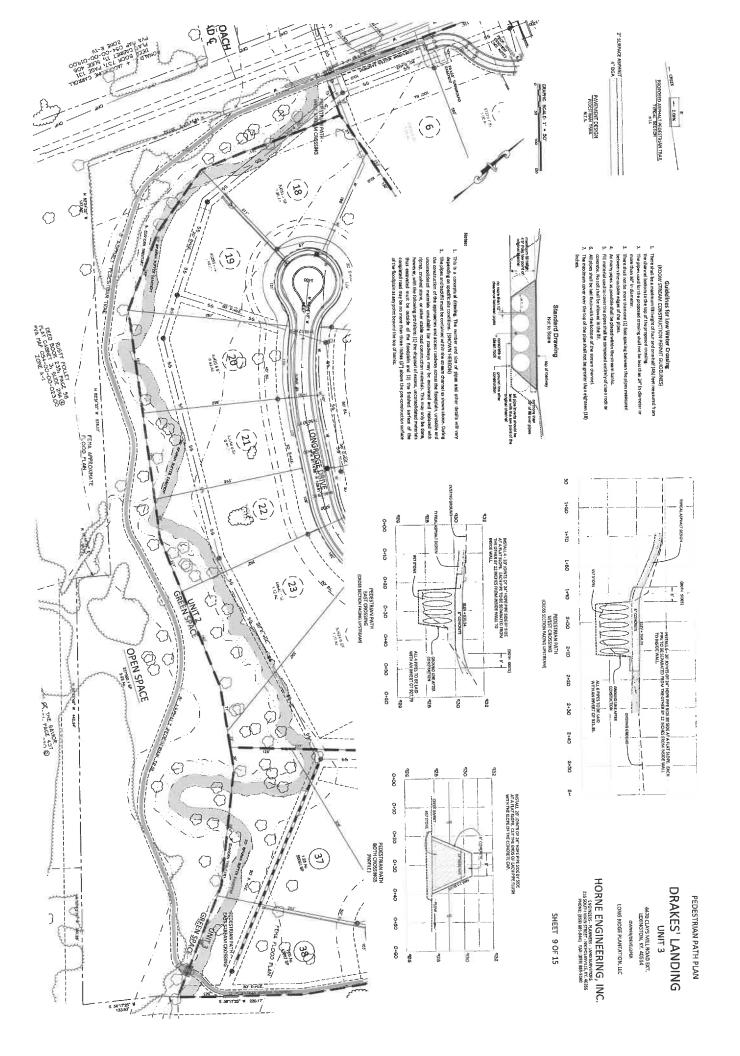


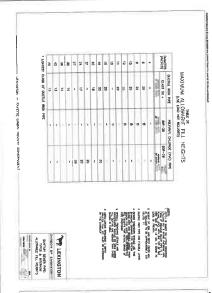


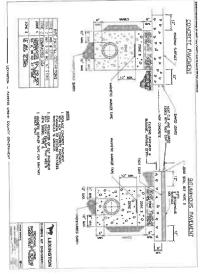


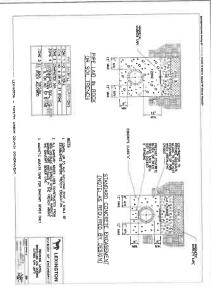


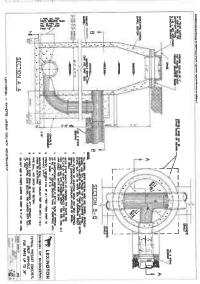


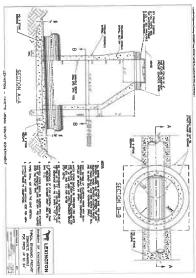


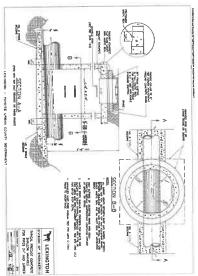


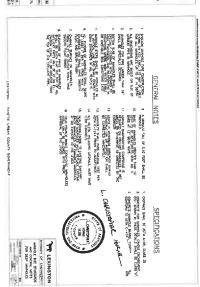


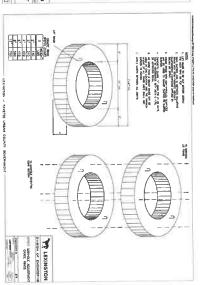


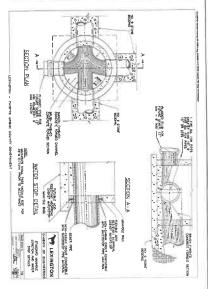












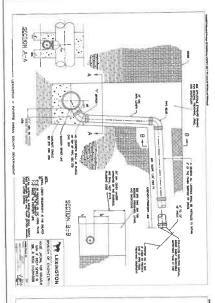
SANITARY SEWER

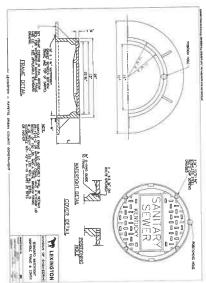
STANDARD DETAILS

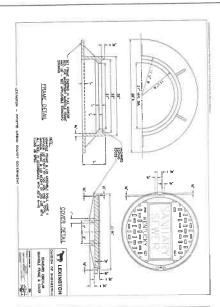
SHEET 10 of 15

DRAKES' LANDING LONGRIDGE PLANTATION, LLC CLAYS MILL ROAD, JESSAMINE COUNTY, KENTUCKY

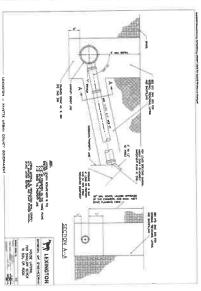
HORNE ENGINEERING, INC. ENGINEERS - PLANNERS - LAND SURVEYORS 216 SOUTH MAIN STREET NICHOLASVILLE, KY 40356 859-885-9441 FAX 859-885-5160 EMAIL@HORNEENG.COM

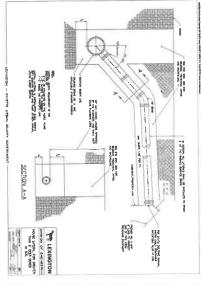


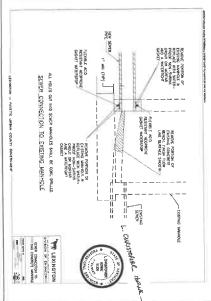


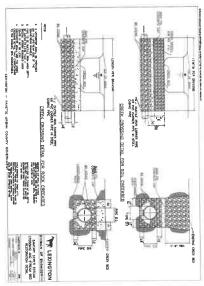


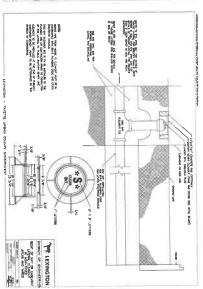












SANITARY SEWER

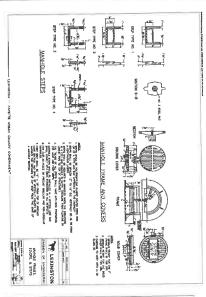
STANDARD DETAILS

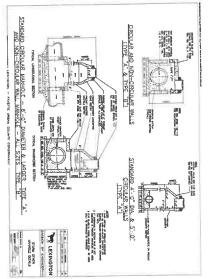
SHEET 11 of 15

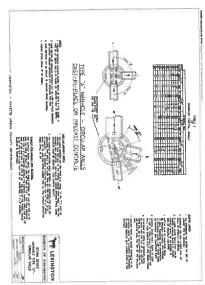
DRAKES' LANDING LONGRIDGE PLANTATION, LLC CLAYS MILL ROAD, JESSAMINE COUNTY, KENTUCKY

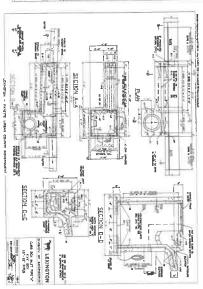
HORNE ENGINEERING, INC.

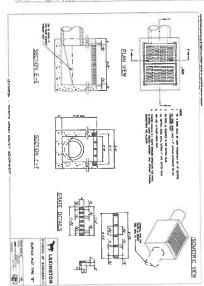
ENGINEERS - PLANNERS - LAND SURVEYORS 216 SOUTH MAIN STREET NICHOLASVILLE, KY 40356 859-885-9441 FAX 859-885-5160 EMAIL@HORNEENG.COM

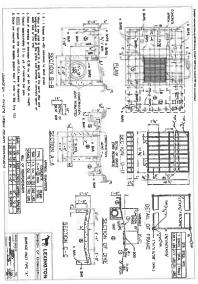


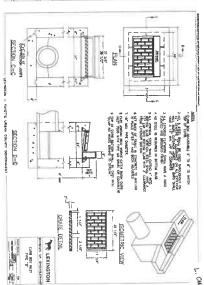


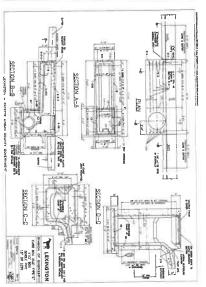


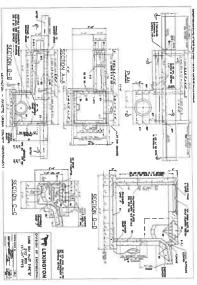












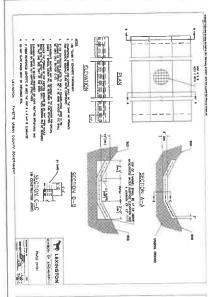
STORM SEWER STANDARD DETAILS

SHEET 12 of 15

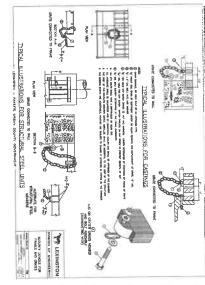
DRAKES' LANDING
LONGRIDGE PLANTATION, LLC
CLAYS MILL ROAD, JESSAMINE COUNTY, KENTUCKY

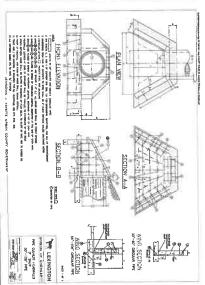
HORNE ENGINEERING, INC.

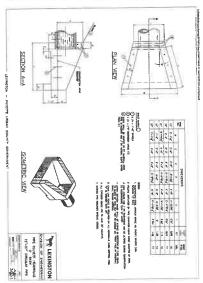
ENGINEERS - PLANNERS - LAND SURVEYORS 216 SOUTH MAIN STREET NICHOLASVILLE, KY 40356 859-885-9441 FAX 859-885-5160 EMAIL@HORNEENG.COM

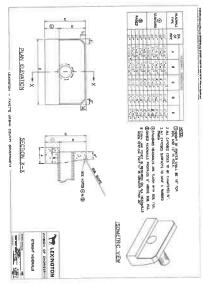


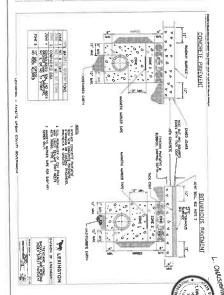


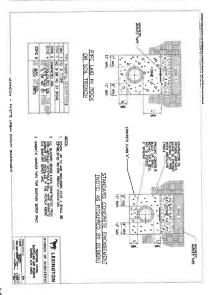


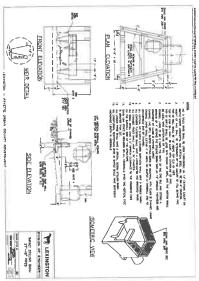












STORM SEWER STANDARD DETAILS

SHEET 13 of 15

DRAKES' LANDING LONGRIDGE PLANTATION, LLC CLAYS MILL ROAD, JESSAMINE COUNTY, KENTUCKY

HORNE ENGINEERING, INC. ENGINEERS - PLANNERS - LAND SURVEYORS 216 SOUTH MAIN STREET NICHOLASVILLE, KY 40356 859-885-9441 FAX 859-885-5160 EMAIL@HORNEENG.COM

