CONSTRUCTION PLANS

DRAKES' LANDING UNIT 1



JESSAMINE COUNTY, KENTUCKY

JULY 2019

OWNER/DEVELOPER

BARBARA K. MADDOX REVOCABLE TRUST MADDOX IRREVOCABLE FAMILY TRUST

4470 CLAYS MILL ROAD, LEXINGTON, KENTUCKY 40514

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



HORIZONTAL: STATE PLANE 83 - KENT SOURCE OF CONTROL

LILLIY PROVIDERS

GAA

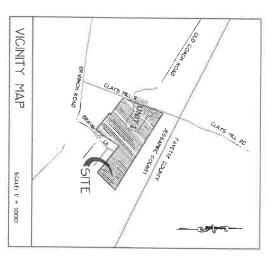
GOLPRIG GAS OF NON

2001 PRIGG ROAD,

LENGTON NY, 40511

6591 266-0215

ELEGIBE VERNEUM UTLITES DAE GUALITY ISTREET, LEUNGTON, KT 40507 C800)-461-0400 MATE CSSENSE BOURN ELVICEN WATER DISTRET CHOLARWALE, RY, 40356 ASH) BBI-DEBA

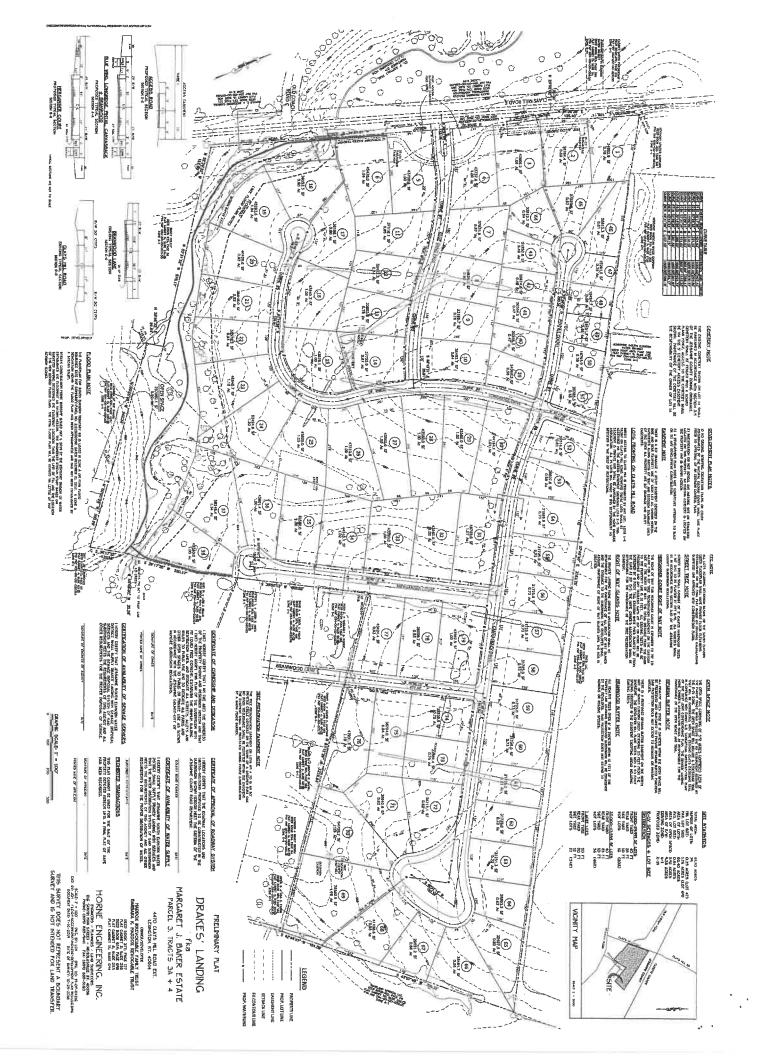


I hereby certify that these construction plans were approved by the Jessamine County - City of Wilmore Joint Planning Commision at their regular meeting held on _______, 20______. PLANNING COMMISSION APPROVAL

Date

INDEX

| PRELIMINARY PLAT | > |
|--|-------|
| GENERAL NOTES | 1 |
| ROADWAY PLAN AND PROFILE | 2-4 |
| UTILITIES PLAN | tr. |
| LANDSCAPE, EROSION AND SEDIMENT CONTROL PLAN | 6 |
| SANITARY PROFILES | 7 |
| STORM PROFILES & DETAILS | œ |
| SANITARY SEWER STANDARD DETAILS | 9-10 |
| STORM STANDARD DETAILS | 11-12 |
| WATER STANDARD DETAILS (SD-1 & SD-2) | 13-14 |



THE "OWNER" IN THE GENERAL NOTES SHALL REFER TO MADDOX FAMILY IRREVOCABLI TRUST & BARSARAK, MADDOX REVOCABLE TRUST,

ANY CHANGES FROM THE APPROVED PLANS SHALL BE SUBMITTED IN WRITING TO ANE APPROVED BY THE PLANNING COMMISSION, THE BESLAMINE BOLTH BEICHOCH WATER DISTRICT OR JESSAMME COUNTY WATER DISTRICT NO. 1, AS APPLICABLE, PRIDE TO THE WORLK BRING DOME. REFER TO THE GENERAL SPECIFICATIONS FOR THE CONSTRUCTION OF WATER METHOD THE STREAM OF THE GENERAL SPECIFICATION OF THE GENERAL AND SPECIFICATION OF THE GENERAL SPECIFICATION OF THE GENERAL

PRIOR TO THE MOBILIZATION OF EXLIPMENT, A PRECONSTRUCTION CONFERENCE BYFUL BE HELD ON SITE ATTENDED BY THE CONTRACTOR, THE ENGINEER, THE OWNER, THE FLANKING COMMER, THE FLANKING COMMISSION AND THE JESSAMINE SOUTH ELYNCRN WATER DISTRICT.

INTIMA 10 DAYA B POLLOWING THE PRECONSTRUCTION CONFESSIONE, A PROJECT LONGOULE SHALL RE SUSMITTED BY THE CONTRACTOR TO THE ENGINEER, THE CANHING COMMISSION, THE JESSANSKE SOUTH ELIGIORY WATER DISTRICT AND SESSANSKE COUNTY WATER DISTRICT AND ATION THE CONTRACTOR SHALL ERECT A PROJECT FOR A POSICY FORMAT COMPRACTOR THE SIGN FORMAT THE UNIVERSITY FOR A PEROVAL TRUST TO SERVICE A KAT

OURHANT THE PROCREESE OF THE WORK, THE CONTRACTOR SHALL KEEP THE PREAISES RREE FROM ACCULULATIONS OF WASTE MATERIALS, RUBBISH AND OTHER DEBINS RESULTING FROM THE WORK. MLESS OTHERWISE NOTED, THE CONTRACTOR BHALL BE RESPONDIBLE FOR DISTAINING ALL NECESSARY PERMITS AND LICENSES.

AT THE COMPATION OF THE ROUSET, THE COMPRACTOR BY MALERIANGE ALL WARTE WATERLA, REMEM AND DESIGN FOR MAJA ADOUT THE ROPHISED AND WASHINETY AND SHAFFLE AND MACHINETY AND SHAFFLE WATERLA, COMMITTALITION EQUIPMENT AND MACHINETY AND COLUMNACY BY THE DWINER.

BURMITTALS THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN, IN A SANITARY CONDITION,
SANITARY FACILITIES FOR HIS EARL OYEES AND BUSCOMPRACTORS, ATTHE
COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROMPTLY AND PROPERLY
REMOVE THESE SANITARY FACILITIES.

THE ENGINEER BHALL FORWARD BROP DRAWINGS TO THE JESSAMINE BOUTH ELINDRIN WATTER DISTRICT PLANSWIG COMMISSION, DR THE JESSAMINE COUNTY WATER DISTRICT NO. 1, AS APPLICABLE. THE CONTRACTOR SHALL, WHERE APPLICABLE, PROVIDE SHOP DRAWNINGS FOR MATERIALS USED ON THE PROJECT, SIX COPIES OF THE SHOP DRAWNINGS SHALL FORWARDED TO THE ENGINE. THE CONTRACTOR SHALL PROVIDE MATERIAL CERTIFICATIONS FOR ALL MATERIALS USEGO ON THE PROJECT NICLUSING STIDBILI SEMERS, BANKTARY SEMERS, PRECAST STRUCTUREEL DENSE DRADED AGGREGATE, BITUMBNOUS PAVEMENT AND UNREINFORCED COMCRETE.

CONTRACTOR BHALL RECORD THE BIZE, LOCATON, LENGTH, AND DEPTH OF ALL M, BANTARY, AND WATER SERVICES BROYLELD BY HAJ LEPON A BET OF RING 38 BUPLED OF HAS BEFORED, LYONG THIS DURFOCE BY THE GROCE BY THE GROWE BY THE

ETANDARDS OF CONSTRUCTION

LEBRAMBE COUNTY, LEBRAMBE COMPTY MATER DISTRIPT NOT, LECHNOTOMPAYETE VERMA COUNTY (OUTSMANET), EERBAMBE SOUTH ELIVENSH WHI EER DISTRIPT NO BERTINDYN DEPARTIBLEH OF HASHAWAYS SPECHFUANTONS, ALL LATEST EDITIONS BHALL APPLY TO THE WORK LEBUSHED WITHIN THESE PLAN COCUMENTS UNLESS SPECHFULLY OMECTED BY NOTE O'HERMANDE.

DIG NOT REPLY THE RELEASE VOI TO SELECT AUPLIE

THE CONTRACTOR IS ADVISED THAT UTILITY LOCATIONS SHOWN WITHIN THESE PLAN DOCUMENTS ARE REPRODUIN TE AND NEED TO BE VERIFIED PRICE TO BEGINNING WORK. THE LITEMATE RESPONSIBILITY FOR UNDERGROUND UTILITY LOCATIONS IS THE CONTRACTOR'S.

THE CONTRACTOR IS ADVISED THAY AT SHIVAL CALL 1-300-782-6207, TOLL FREE, A MINIMULA OF 48 BUNDER PROPERTO EXCLUNATION FOR INFORMATION ON THE LOCATION OF EMISTIMO UNDERGREDUND LITULTIES.

NE CONTRACTOR BIVAL LUSE ALL POSIBILE CAPIE IN EXCAVATING ON THE PROJECT.
O ANDEI OMANGET TO SHET THAK L'INITIES, WHETHER OR RAY THE L'INITIES HE CAP.
BE WAT LOCATED ON THE PLANS, EXISTING UTILITIES AND LOCATIONS OF EXISTING
TAITEES BEFORM ON THE SALMS, ARE APPROPRIANTET ON A THE CAPITRACTOR BHALL
E RESPONNED HE PASS AND A SEATORNATION OF ALL LITELITES.

CONSTRUCTION STAKING TO BE PROVIDED BY THE OWNER LINLESS ALTERNATE BTAKING PLAN APPROVED BY OWNER IN ADVANCED.

ALL BYCANATION FOR THE PROJECT WARTHER TRENCH OR MABS 644LL BE CANSIDERED AS INCLASSIFED, CONTAUCIDS SHALL TAKE ALL SIEDS, INVESTIGATIONS, AND PRODEDIRED BLEEGEM (FEGSEMY TO SATISEY MUSELF OF LOCATION, TYPE, AND DUNNITY OF ROCK MATERIAL TO BE BYCOLNTERED.

CLEARING, GRUBBING AND REMOVAL SHOULD FOCK REMOVAL BE PERFORMED BY BLASTING, THE CONTRACTOR SHALL PERFORM ALL OPERATIONS IN STRUCT CONFORMANCE WITH ALL APPLICABLE LAWS.

PRIDH TO COMMENCEMENT OF CLEARING, GRUDBING AND REMOVALS, ANY AREAS DESCRIANTED ON THE PLANS AS TREE PRESERVATION AREAS OR TO NOT DISTURB AREAS TAKEL BY DESCRIANTED WITH ORANGE BAFETY FENCE OR BEQUILITY JAPE AS DIRECTED BY THE ENGRIESE.

THE ENTRIE AREA WITHIN THE CONSTRUCTION LINTS SHALL GE CLEARED O ALL WEEDS BRUSH, BRANK, TREES, BTUMPS, AND OTHER PROTRUDING OBSTRUCTIONS OF ESEMBLYED TO BEAUNILY CONCEPT WITHIN AREAS THE EKGINEER MAY DESIGNATE TO REMAN UNDISTURGED.

DATE 7/6/19 SCALE H: 1"=50" V: 1"=5"

LF/NF SHE

DRAKES' LANDING
MADDOX FAMILY IRREVOCABLE TRUST & BARBARA K. MADDOX REVOCABLE TRUST
GANS MILL BOAD, JESSAMME COUNTY, KENTUCKY

AL TOPSOIL AND ORGANIC MATERIAL SWALL BE REMOVED WITHIN THE LIMITS OF ANY PROPOSED CLASSITMUTTON ACTIVITIES, PROOF BOLL THE EXPOSED SURFACE OF ANY MATICIDAY AS IT BLL AREA AND OR PAVEMENT AREA TO DETERMINE IF ANY UNSTAGLE SOIL CONDITIONS EXIST.

F ANY UNISTABLE AREAS ARE EXPOSED BY PROOF ROLLING, THOSE AREAS SHALL BE JADERCUF AND REPLACED WITH PROPERLY COMFACTED MATERIAL.

SOLIS PLACED AS FILL OR BACKFILL WITHIN THE PROPOSED SITE SHALL BE COMPACTED TO 80 PERCENT STANDARD PROCUTOR DENSITY AT A MOSSTURE CONTENT WITHIN -4 TO -2 PERCENT OF OPTIMUM.

FROCK OR MECHANICALLY EXCAVATED ROCK MAY BE USED FOR TREMEN FILL FRAL AS LONG AS THE LARGEST DIMENSION IN ANY DIRECTION OF THE FRAGMENT DOES NOT EXCEED S INCHES, LIFT THICKNESSES BIVALL NOY

L PLACEMENT AND THE SUPERVISION OF THE ROCK FILL VISUAL INSPECTION OF THE PLACEMENT PROCEDURES BY WORKING UNDER THE SUPERVISION OF A PROFESSIONAL

THE USE OF A SOLUBHOT ROCK MINTURE WITH MORE THAN 29 PERCENT SOIL FOR FILL CONSTRUCTION BHALL BE LIMITED TO NONSTRUCTURAL AREAS OF THE SITE

ALL TESTING OF EMBANAMENT OR BACKFILL SHALL BE PROVIDED BY THE CONTINUENCY OF EMBANAMENT OR BACKFILL SHALL BE PROVIDED BY THE CONTINUENCY OF THE CONTINUENCY OF THE CONTINUENCY OF BACKFILL IS TESTED THE GREET BY TALL CHANANIENTY OR BACKFILL IS TESTED AND MIEETS THE REQUESTMENTE OF THESE STANDARDS AND REPORTIONIS.

ECCANATION BRALL INCLUSE THE REJAYAN, AND DISPOSIÓ, DE NISCIELLANGRUS ESTACITAIRES REJAYCES PETRON MYTIGH Y INCONSTRUCTION MUITE SECHA AL BUT NOT LAUTICE TO, ALL TYPES OF PAVELERIT AND PAVELERIT HADES, WHIST FRET RIGID OR PLEISTELL BIOSPAIN, CALEBRA MAI OLITERA CONDUTTS THAT THEY BO SALVAGE YALLES, SUCHAS DEVANICE PERS, SALVITARY SENETA PIPE WATERLINES, AND OTHER UNGERFORGESE ET DITTUT LYBES.

THE PLANS MAY, OR MAY NOT, NOIGATE THE EXACT LOCATIONS OF THE VARIONS TYPES AND DUNATURES OF THESE SISSICILLANDISCUS ITESSET OR SE REMOTED AND DUSTORED OR HOWEVER, IT IS THE INTENT OF THESE SPECIFICATIONS THAT THE REMOVA OF ANY SUCH TIESS THAT FAIL WITHIN THE LIMITS OF CONSTRUCTIONS SHALL BE CONSISTED INVOLVED THESE.

THE CONTRACTOR SHALL PRAIN HIS OWN CONNCLISIONS AS TO THE CONDITIONS TO BE ENCOUNTERED. THE OWNERS OH THE ENGINEET DOES NOT GIVE ANY GUANANTEE. AT TO THE ACCUSINGLY OF THE DAYA AND NO CLAIK WILL BE CONSIDERED FOR ADDITIONAL COMPENSITION WHEN THE MATERIALS ENCOUNTERED ARE NOT IN ACCUSED WITH THE CLASSIFICATION A BUOWN.

OSICAL FEATURES MAY BE PRESENT ON THIS PROPERTY, THESE FEATURES, IF THEO WILL BE THOROUSHAY SURVEYES AND TESTED BY A GEOTECHHICAL HERRIAC FISH, AMY RECOMMENDATIONS FOR THESE ARREAS WILL BE ADDRESSED REVISIONS TO THE CONSTRUCTION PLANS.

ALL BURTHBLE MATERNAL REMOVED FROM THE EXCANATION BRIGH, BE USED, IN BO FARA AB PRACTICAL, IN THE EDRAKIND OF EUBANKLEYTRS, BUDGRADE, BHOVALDERS, BUCKPIELL FOR BITRUCTURES, OR FOR OTHER PURPOSES SHOWN DA THE PLANS OR AS DURCHTEN.

NO EKCANATED MATERIAL SHALL BE WASTED WITHOUT PERMISSION, EXCANATED MATERIAL IN EXCESS OF THAT REQUIRED FOR NOTIONAL EMBANIKAERIT CONSTRUCTION BANAL BEHAVIRE WITHOUT HE CONSTRUCTION LIMITS, WHERE AND HOW SPECIFICALLY DIRECTED OR APPROVED,

BURGRADE

MEROMORIS POR TRESES ANAL, SE COMPRICIEDO OF THOROGOS COMPACIED
ALTERIA, CEDANZA TRES ANA MA PALAZIRAS E POR SERIORA DE ANTRES, ADAL MEST TRE
ARRICASES ANA DE TRESENACION DE MERITARIOS DE BARRONA DE SECUPATROS. PAR
CAMBRISTO NA CUESTA TOMO COMPACA POR PARA DE ANAL SE CONTO TRES ELEMPTO
ATREST DA MEROMA CUES O DE CONTO PARA DE ANAL SE CONTO TRES ELEMPTO
CARRATE DA MEROMA DE ADOSTROS E POR CONTO PARA DE ANAL SE CONTO PARA DE ANAL SE CONTO TRES ELEMPTO
CARRATED MEST REMA DE ADOSTROS E POR CONTO PARA DE ANAL SE CONTO PARA DE CONTO PARA

ALL BUSKEB, TREES, ROOTS AND STUMPS WITHIN THE CONSTRUCTION LIMITS SHALL BE GRUBESD EXCEPT UNUSTINEED STUMPS, ROOTS AND KOMPERISHABLE, SOULD OBJECTS WHICH WILL BE A MINIMUM OF THREE FEET BELDY THE SUBGRADE OR EMEMANISHS FOUNDATION.

EQUIPMENT USED FOR PROOF ROLLING BHALL BE A LOADED PHEUMATIC TIRED VEHICLE BUCH AS A DUAL AXLE DUNP TRUCK WITH A MAUNUM GROBS WEIGHT OF 37 TOMS.

A BREFREYOOT ROLLER SHALL BE USED TO COMPACT COHESINE FILL MATERIAL AND A SACOTH DRUM VIBRATORY HOLLER USED FOR GRANIDLAR SCILS. A HAND WHACKER OR VIBRATORY PLATE SHALL BE WIED TO COMPACT BACKFILL ADJACENT TO FOUNDATIONS AND LITLITY TRENCH BACKFILLS.

SOIL USED FOR STRUCTURAL FILL SHALL BE FLACED IN LAYERS MO GREATER THAN 8 INCHES MLOOSE THIONNESS AND COMPACTED TO THE LIMITS PREVIDURLY ALEXTICHED.

TESTS FOR THE DEGREE OF COMPACTION FOR BOY, SHALL BE MADE ON EACH LAVER BEFORE PLACEMENT OF THE NEXT LAYER. N AREAS WHERE THE DENSITY IS ACHIEVED THROUGH THE USE OF HAND DPERATED EQUIPMENT, LOOSE LIFT THOXNESS BHALL NOT EXCEED 4 INCHES

DICAYATION SANKHAYE EA ARE COUND PRIDA TO OR DURBMO CONSTRUCTION, ALL CONSTRUCTION COTOMITES IN THE BINKHOLE VICINITY SHALL CENSE AND THE ENGINEER OF RECORD VOTHERO, CONSTRUCTION ACTIVITIES NEAR THE BINKHOLE BHALL NOT RESUME UNTIL WRECTED BO BY THE ENGINEER.

SKIEPT AS OTHERWISE SPECIFICALLY STATED, EXCAVATION SHALL INCLUDE INLE-NUT DUTLET DITCHES, REGARDLESS OF THE CLASSIFICATION OF THE MATERIAL LECTION TERROR.

SERIES AND MATERIA RESEALLE EMANE. CORREST CA MARIMAN OF CHE SINCH LACHEN AND MATERIAL RESEALURING THE ANALYSIS OF THE MATERIAL RESEALURING THE ANALYSIS OF THE MATERIAL RESEALURING THE ANALYSIS OF THE ANALY

SHEPACANG SHEPACANG KENTUCKY OF GEPARTMENT OF HAMMWAYS EPECIFICATIONS.

WITHOUT REAWAD TO THE MATERIALS SUCCIDINERED, MLL EDCAMINYON SHALL BE MACHAGINED. THE MATERIAL SHALL BE SERVENCE! WORLDESTROOD THAN WHE REPERCEDE TO ROCK, GUERTHOR MAY DITHES MATERIAL CON THE TA-MAS OF CROSS SECTIONS, WHEN THE MACHAGINED WOULD ALL TELEFACE OF CASES SECTIONS, WHEN THE MACHAGINED AND MACHAGINED OF CASES SECTION AND SHALL MOT THE TAKEN AS AN INICIDATION OF CASES SECTION OF THE CAMBRIT OF PROCK, MATERIAL SHOULD SHALL SHAL

er throques beomm are local, constituent describingatios, fram, bet throques beal is regioned by the requeste account local to the constituent of the requested account local to the constituent between the region of the constituent local to the constituent between the constituent between local to the constituent between the constituent by the constituent local to the constituent between the constituent by the constituent is to wheth free the constituent by the constituent by the constituent is to wheth free the constituent by the constituent by the constituent is to wheth free the constituent by the consti

CARRISA AND CHITEGES

COMMITTED CHITEGES TO CHITEGES CHIT

BACKFRL BYALL BE PLACED BEHIND THE CURB PRIOR TO PLACING THE STREET DEVBE BRADED AGGREGATE. GASE BETWEEN CURBS, THE CURB SHALL BE REJUVED (ONLY BY BAVER)] TO ALLOW ENTRANCES, EXITS, AND RIDEWALKS TO GENOLVALLY LU OPE TO THE STREET, MANDICAP RAMPS ARE REQUIRED AT ALL STREET (NTERSECTIONS,

MATERIAL (182D IN CONSTRUCTION OF SIDEWALKS GHALL BE PORTLAND CEMENT CONCIDENTE WITH A COMPRESSIVE STRENGTH OF 3,500 PSI, SIDEWALKS SHALL BE A MINIKUM A-12 BOCHES THEY, A FEET WIDE WITH EXPANSION JOINTS AT 100 POOT WITERWALB, AND SCRIBED EVERY A FEET.

BIDEWALKS BHALL BE HIGHER THAN THE ELEVATION OF THE CURS AND SLOPING TOWNSDE IT WITH A SLOPE HOT TO EXCEED ONE MICH PER FOOT. THE SLOPE OF GRAUND SERVICES FOR THE SLOPE OF CHARTED ONE (MICH PER FOOT THE SLOPE OF CHARTED ONE (MICH).

THE AREA RETWEEN THE BIDEWALK AND CURB SHALL BE BROUGHT TO A LIMIFORM GRADE WITH TOPOGUL FINAL (ASADE BHALL NOT BE LOWER THAM A LINE BETIMEEN THE TOP OF THE CURB AND THE SIDEWALK.

FIGURIO TO ALONG MAY MARE MATERIAL, THE MARKH PER COCT CROWN OF THE SUBJECT OF THE MARKET HAS THE PROPERTY OF THE MARKET HAS THE MARKET HAS THE PROPERTY OF THE MERGERS HAVE CITY OF HER MARKET. THE MERCHANCE HOW PROPERTY HAS THE MERCHAN COUNTY FIND A TO ALONG THE PROPERTY HAVE AND THE MERCHAN COUNTY FIND A TO ALONG THE PROPERTY HAVE THE MARKET HAVE THE MERCHAN COUNTY FIND TO THE MERCHAN COUNTY FIND THE MERCHAN F

THE BURGHANDE SHALL BE MERICATED AND TEST FOR REFINELT OF PROCEDULAR WITH A LOUKED DUAL, MULE DUAL PHLACE BURGHAND AND GROUDS WEIGHT. A DUAL OF THE TESTING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PEPER CHARLED UNDER THE REPORTION OF THE CONTRACTOR AND SHALL BE PEPER CHARLED UNDER THE REPORT OF THE MODERN THE PROCEDULAR THE MULE SHALL BE SECONATED AND SHOCKLESS WITH SHAPPING SHALL SHALL SHAPPING SHALL SHALL SHAPPING SHAPPI

WHEN THE MATERIAL, RIFALOE DOES NOT CONTAIN SUFFICIENT MOJETURE, OR IS TOO WET, TO OSTAIN PROPER COMPACTION, THE MOSTURE CONTENT SYMLE BE INCREASED OR REDUCED AS DISCRETED, AND THE MATERIAL COMPACTED, BICAREPING OF THE SUBGRADE MAY BE RECURRED.

PROVIDE "FLEXIBLE PEREDRATED POE WITH CLOTH SLEERE FOR SLIDORADE DRAWMADE 25 FEET ENCH WAY FROM SAG BAISHS AND 60 FEET LIFHILL OF BAISHS ON GRADE, PERTINE STANDARD DETAIL:

SITE GRADING NOTES

2. COMPRACTOR SAML, BEFORE ETARING BITE SCOMMING, IT SHE PALL, TOPROIL.
FRIM ROMATONS OF THE BITE TO BE DEPENDED OND AUGUSTED MA LOCATION HAVE
MALMOT METEREES WITH MESTE DEBELOWED FOR DATE OF THOMS CONFROCTOR HAVIL BE
RESPONJEMBLE FOR BEIDST REJUTING TOPSOS, IN FINISH GRADE MESO, SAGRIFLANG
CHIESS, BIDBHWALKS, ETC. 1. ALL SPOT ELEVATIONS INDICATE FINISH GRADE OF SURFACE. ADJUSTMENTS MUST BE MADE TO RETABLISH GRADES OF SUB-BASE OF SUBGRADE.

3. SHOULD CONTRACTOR ENCOUNTER ROCK EXCAVATION. THE ROCK SHALL SE REMOVED TO A MARKHUM DEPTH-OF 12 NOHES BELOW SUBGRACE LINDER THE VEGETATIVE AREAS, REPILL SHALL BE 84 ACCORDANCE WITH GEOTECHNICAL NOTES.

BILLES HOLES A, THE OVERLOT READUDE LINES SHOWN HEREON ARE FOR DETERMINING DRAMAGE LINITS AND ARE SULVECT TO REVISION DURING CONSTRUCTION. GENERAL DRAMAGE PATTERNS WILL BE MANTANIED, SPECIFIC OVERLOT GRUDES MAY VARY,

ALL STREETS SHALL BE CONSTRUCTED TO THE DIMENSIONS OF THE TYPICAL SECTIO AND GEOMETRIC DESIGNS GIVEN IN THE SUBDIVISION RESCUNÇION FOR JUBBANAINE COLORTY, KENTUCKY AND SHALL COMESST OF THE FOLLOWING:

<u>RABE MATERIA).</u> BASE MATERIA: SHALL CONSIST OF CRUSHED LIMESTONE MEETING KENTUCKY DEPARTMENT OF HIGHWAY'S SPECIFICATIONS FOR THE SPECIFIED MATERIAL.

AND PACKETS OF THE CORA ARES MAYIRIMA SHALL IRE MADE IN LATERS SHATTO ARE SHALL RECEIVED BY A CORRECT OF THE SHALL RECEIVED BY A CASEMOT OF A CORRECT OF THE SHATTON ALL AREST OF THE SHATTON OF THE CORRECT OF THE SHATTON ALL AREST OF THE SHATTON OF THE CORRECT O

(B) PHICKHESS OF BASE MATERIAL BHALL NOT BE LESS THAN 4 INCHES OF 8 2 BTONE AND 8 HOURS OF DCA WHEN ASPHALT SURFACHED STO SECUED, PRIOR TO PHICHK THE SURFACE MATERIAL, THE 1/4 BHCH PER FOOT CROWN OF THE BASE MATERIAL BHALL BE VERIFIED. MANUARY SEMERS

ALL BANTARY SEMER LATERALS BHALL BE CONSTRUCTED A MINIMUM DE 17 OUTSIDE THE RICHT-OF-WAY OR EASEMENT LINE.

CONSTRUCTOR NOTO MANNOLES MAIST BE FACTORY MISTALLED WITH THE ELAMA, WATER STOPE, NO NOTE THAN A PERKTRATIONS BHALL BE PERCHANHOLE, NO GREATER THAN A PERKTRATION CHANGE SHALL BE WITHOUTHE MANDICE, CHANGES GREATER THAN 2 FEET SHALL BE A DROP

ALL PATS SANTIMEY BENEERS SHALL BE CUBLECTED TO A LOW PRESSURE AIR TEST; THE LOW PRESSURE AM TESTIVAS SHALL BE THE RESEONSBLATO OF THE COMPANIOTOS AND SHALL BE PERFORMED UNDER THE RESECUENCEM OF THE JESSAMINE SOUTH ELINOR WATER SETRICT, TEST GHALL COMPLY WITH UN SHALL UN SHASS SPECIEL CORON.

BEDDING AND BACKFILL SHALL CONSIST OF THE FOLLOWING: SEWER LATERALS BHALL BE OF THE SAME MATERIAL AS THE MARKLINE. NO SEWER LATERAL BHALL BE CONSTRUCTED FROM A MANHOLE. ALL BEWER LINES SHALL BE PYC, BOR 36, MEET ING THE REQUIREMENTS OF ASTA DESIGNATION DASSA, LIM, 6:55 SHOWN D'HETANGE CH APPROVED CANSTRUCTION, PLANS, ALL PIPE GRALL BE DE THE BELL AND SPIGOT TYPE AND FURNISHED WITH RUBBER QUINCTB.

ED ON AT LEAST & LED WITH NO. D E TOP OF THE F ROCK LARGER

ALL BANITARY SEWERS SHALL BE JET FLUSHED PRIOR TO T.V INSPECTION AND TESTING, THE FLUSHING SHALL BE THE CONTRACTORS RESPONSIBILITY.

ALL FLUBHAND, AR TESTING, VACUAN TESTING, AND HYDROSTATIC TESTING SHALL THE RESPONSELLTY OF THE CONTRACTOR, ALL REPAYES, REMERSCRIDM (TY, ARI TEST, VACUAN TEST) AND CLEMAND OF THE GRAVITY SAWRER OUR TO AGBILITS FROM THE INITIAL BURDECTION SHALL BE PAID FOR BY THE CONTRACTOR, HEWER MANIHOLES SHALL MOT BE CO

ANGELET DER MYRER MENET EN MER EN PRESENTE FRANKLISCHE SENDER EN STERLEN EN S

ETORM DRAMAGE FACILITIES MOTES

STORM SEMEN PIPE SHALL BE DESIGNATED ON THE APPROVED O PLANS, AND SHALL CONFORM TO THE GENERAL SPECIFICATIONS. BEDDING AND SACKFILL GHALL CONSIST OF THE FOLLOWING:

ALL BURIED DUCTE E IRON PIPE BHALL HAVE MANUFACTURERYS OUTSIDE COAL TAN CON ADPIALTO BASE COATRIA AND SHALL BE COATED WITH PROTECTO AN CERMAIC EPOXY IN ACCORDANCE WITH THE ELEURICIDARY RETTE URBAN COUNTY GOVERNACHT SANTIARY SEMEN BRECHFLANDAR.

SEWERS SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTINA OR PROPOSED WATER MAIN. THE DISTANCE BHALL BE MEABURED EDGE TO EDGE.

PRIOR TO WARRANTY (ASPECTES) ALL SANTARY SEVIERS SHALL BE FLUSHED INSPECTED AND ALL DEFECTS CORRECTED), INCLUDING LATERAL PROM HOUSE CLEAROUT TO BEN'ER MUDIL

A WHIGHT THE THEIGH ECCANATION IS IN FROCK, THE PIPE SHALL BE GEDEDS ON AY LEAST IS MANUFERD FAIL OF GENEN. DE COLORED STOWN, AND GENLL DE MOCHELLED WITH NO. 20 OR MID. OR GRIEDED STOWN BY OR MANUFAIN OF IT INCHES ADOVE THE TOP OF MANUFAIN OF IT INCHES ADOVE THE TOP OF MANUFAIN SHALL NOT CONTAIN PETCHES OF ROCK LARGEST THEAU IS INCHES AND ANY DIRECTIONS.

2 WINGLI THE TREACH EXCUANTON IS NA COM, "THE PIPE" SHALL BE BEDDED ONLY. TICADT IS MOYED OF NO DRI NOL SI CRUBHOD STONE AND SHALL BE BLACKFILLD WITH NO DO IN NO. SHOULD STONE TO THE TIPE OF THE PIRE. THE BEAUMINASS DESTION OF THE TREACH AND TOCKNESS DETINEY AS TREET, CAME BE DACKFILLD WITH SELECT SOIL CONTAININGS ON TOCKS LANGEST PHAN IS MYSTERS AND ANY DISEASON.

ALL GANTIARY SERVEN COMETRACTION BRALL MEET THE SPECIFICATIONS AND RECONSEQUENT OF EXECUTE SOUTH ELHORN WATER DISTRICT, LONGTON-FAY THE LUNGWAN COVARY FOR CHEMBRICH, AND ENTRY OF MICHOLASVALE. IN CASE OF COVEL ICT, THE MORRESTRANSISTY (AS DETERMANED BY THE DISTRICT), BHALL APPLY.

9. WHEN THE TRENCH EXCANATION IS WITHIN A STREET (I.M., BACK OF CURB TO BACK OF CURB), THEN THE BYTINE TRENCH SWALL BE BACKFILLED WITH NO. 8 OR NO. 88 CRUSHED STONE.

MANICALES SHALL BE COMMITTATE DO OF RECLAST COMMETTE AND SECUL COMPOSIT OF THE MANICAL COMPOSITION OF

AMY PROPOSED CHANAGES IN THE APPROVED BEWER DEBICAL SHALL BE SUBMITTED TO AND APPROVED BY JESSAMINE SOUTH BLIXHORN WATER DISTRICT AND LEGARITH HERMAL COLUMY GOVERNALEM PRIOR TO BEGARAING OF CONSTRUCTION OF GAID REVISION.

THE THE THE SHIP ARE INCLUDED TO BE PLACED IN JUSTICAL DE DEMANISMENT BETHELTICAL PRIOR TO RECENSIONAL PRIOR TO SECURIO PROPERTI A PROPERTI A

AG BILLT FIELD SURVIEY BUYLL BE AUTOCAD FORMAT AND BYCLUDE A POINT COORDBWATE FILE WITH VERTICAL ELEVATIONS INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:

HEJEWALLE AND OTHER CONCRETE STRUCTURES SHALL BE AS DESIGNATED ON THE APPROVED CONSTRUCTION PLANS, AND SHALL CONFORM TO THE SEDECRAL, SPECIFICATIONS, ALL HEJOYALLS SIT OR HIGHER SPALL HAVE CHANLINK FENCE INSTALLED ON TOP.

DRAINAGE SWALES AND DETENTION BASINS SHALL CONFORM TO THE GENERAL SECURICATIONS. DRAINAGE SWALES SHALL BE SOCICE TO THE ELEVATION OF THE SECURICATY STOCK. THE BOTTOM, TOP, AND SIDE SLOPES OF DETENTION PASING SYPAL BE SOCICED.

THREE (3) COPIES OF AISPECTION LOGS AND CIGITAL DISK SHALL BE DELIVERED TO JESBAMINE SOUTH ELKHORN WATER DISTRICT,

CLEÁN QUET
 L. FIALL RAUE FORFILE FOR MANI BEGINEATS REQUIRING BRECIAL CONDITIONS FERTAMING TO COYER, LE. 2.5° TO ₹ AND STOLDNG-204.
 L. PUNJP STATION STIE TOPO

(S) COPIES OF INSPECTION LOGS AND DIGITAL DISK SHALL BE DELIVERED TO MINE SOUTH ELIKHORN WATER DISTRICT,

AS-BUET FIELD SURVEY SHALL BE AUTOCAD FORMAT AND SHALL INCLUDE A POINT COORDINATE FILE WITH VERTICAL ELEVATIONS INCLUDING:

. HRADWAL INVERTS

3. SURFACE MAET, TOP OF GRATE AND INVERT

5. TOPO OF DETENTION/RETENTION BASIN
F, CONTROL MONUMENTS AND COORDINATES 1. BTORM MANHOLES, RIM AND INVERT

STORM MANHOLES FOR PIPES TO INCHES OR SI-MPROVED INVERTS. LER IN DIAMETER SHALL REQUIRE

ALL 8" LATERALA BHALL HAVE A CLEAN OUT AS PER LEXINGTON-FAYETTE URBAN COMPTY GOVERNAESHT STANDAPD DRAWING 8223 AND ESTEND A MENIALIN OF A FEET ASOVE FANJEND GRACE,

EACH MANNOLE AS IT IS INSTALLED SHALL SE WITNESSED AND MONAINENTED WITH A PANTED T'STELL" FENCE POST, IGNIENA A MINIMUM OF 3 FRET INTO THE GROUND, ADMACENT TO THE MANHOLE, PRIOT TO ACCEPTANCE OF THE PROJECT, ANY DAMAGED MANKER POST SHALL BE REPLACED.

PRIOR TO JANCHUST INSPECTION ALL STOAM SEWERS SYALL BE FLUSHED AND VIDEO INSPECTED, THERE (3) DOUBLE OF MAPPETION LOOS AND DIGITAL DISK BALL BE DELIVERED TO JESSAMANE GOUTH ELICHORN WATER DISTRICT.

PRIOR TO WARRANTY SASPECTION ALL STORM SEWERS SHALL SE FLUSHED, YIDED NSPECTED AND ALL DEFECTS CORRECTED.

THE CLOSE ELVINOUS THE REST FLOOR OF A STRUCTURE WHY MANUFARY
REMEMBERANCE SELVIN OF THE ELCOT YILLOW, OWN OF THE SHANGE CONSECTION OF THE REST
DOWNWARD ELVINOUS CHARGE THE SHANGE CONSECTION OF THE REST
BOTH THE THE PARKED RESTORMENT FLOOR RESE BRANCH SHAN, AS READY THE WAY A REMOVE THE THE RESTORMENT FLOOR RES

ALL SAMITARY BEWER LATERALS SHALL SE 8" AND ALL LATERALS SHALL HAVE A CLEANOUT. ALL DUCTEE FROM BANITARY SEWERS SHALL BE FVC SOR STAND. LINLESS OTHERWISE NOTED, ALL PVC BANITARY SEWERS SHALL BE CLASS 350.

LI GANITARY LATERALS SHALL SE WINNESSED WITH A THETAL THERE BOST VINNED FORESSELVI GREEK, LAWING C EXPOSED NEDVE SOROWSE, AS CUMO AND, S VERAR SHALL BE FLACED ACROSS THE SHO OF EACH LATERAL (SEE DETAILS)

ALL SANTIARY AND STORM SERVER MANIJOLES BLALL BE & 18 DIAMETES, UNITES DTHERWISE MOTES, ARIO MARKED WITH A 17 META. "THERCE POST PANTED FLOREBENT GREEN, HAVING & EXPOSED ABOYE GROUND.

NE RILLITONIA WHERE THE EARITANT BEWERE IS OFFER THE TROTAL BEWERE LEQUIDOU-PAYETTE BEWENE CHAINT OF BEWERE THE STORE GENERAL STONE SHE EXTENSION FOR THE SANTIANT SANTIAN SAN

MERTUN TIONS WHERE THE STORM GENERAL DO YEST THE BANTARY SEMER. SEMPRIL BLOOK HAVE THE BANK COLUMN CONCERNMENT RECOVERS HE THE STORM SEMPRIL BLOOK HAVE THE SEMERAL COLUMN CONCERNMENT RECOVERS HE THE STORM SEMERAL BLOOK HAVE THE SEMERAL COLUMN CONCERNMENT RECOVERS HE THE STORM SEMERAL BLOOK HAVE THE SEMERAL COLUMN THE BANK THE SEMERAL BLOOK SEMERAL BLOOK HAVE THE SEMERAL SEMERAL BLOOK HAVE THE BANK THE SEMERAL BLOOK SEMERAL BLOOK HAVE THE SEMERAL BLOOK HAVE THE BANK THE SEMERAL BLOOK SEMERAL BLOOK HAVE THE SEMERAL BLOOK HAVE THE BANK THE SEMERAL BLOOK SEMERAL BLOOK HAVE THE SEMERAL BLOOK HAVE THE BANK THE SEMERAL BLOOK SEMERAL BLOOK HAVE THE SEMERAL BLOOK SEMERAL BLOOK HAVE THE SEMERAL BLOOK SEMERAL BLOOK

E BANTARY BEWER MANHOLES SHALL BE VACUUM TEOTED, THE TESTING SHALL BI E RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERFORMED UNDER THE RECTION OF THE JESSAMBLE SOUTH ELIKIOTRY WATER OISTROT.

LL SANITARY BENERB, MICLIONIC LATERIAL BENALL BE SUBJECTED TO A TV TESY ISPECTION, THE TEST SIALL IS BE PERFORMED UNDER THE DIRECTION OF THE ESBAMRIE SOUTH ELICHORN WATER DISTRICT.

THE BEWER POPE ETHES GRANTY OR ROSES MAN, BAJLA BE BEIDDES. MICHES OF ALS 6 DEAD, SE CHAINES STOME, AND BRAIL THE BROCKET OR 100 MICHES BROWN AND RECEIVED STOME FOR A MANUAUM AND TE MICHES AROVE THE PIPE BROCKET MAD CUBINON BRAIL MOT CONTAIN PROCESS OF THAN TO MICHES AND ANY CUMENSION.

WINDHAMS MAN HE CONTRINCTED OF PREDAT CONSTRUCTION AND AULT. CONTROL
TO THE GREATER, METERATORISM, ALL MANDET. TO THE SHALL BECAUTERS IN
BESIGN CHARGE, THE SHALL BE MEST FOR ALL MANDLES WITH DOFTING REGIVER
THAN AN ARMSEL MORT SHALL BUT SHALL BE HEROCOLITY HE USE OF GROED TRICKS IN
THE SHALL BRANCH AND SHALL BUT SHOUGH HE HEROCOLITY HE USE OF THE BEAUTH AND THE SHALL BE AUGUST TO MADE! THAN JOAN'S
OFFICIAL THE MANDLE MORT SHETTERS ALL GROED TRADE AND AUGUST THE MANDLE MORT SHETTERS ALL GROED THAN AUGUST THE SHALL BE AUGUST AND AUGUST THE MANDLE MAND THE SHALL BE AUGUSTED SHADE THE MANDLE MANDLE MAND THE SHALL BE AUGUSTED SHADE THE MANDLE MANDLE MANDLE THE SHALL BE AUGUSTED SHADE THE THE SHADE TH MHEN THE TREINCH EXCANATION SI WITHIN A STIFIEET (LA., BACK OF CURS) TO BACK OF CURS) THEN THE ENTIRE TREINCH SHALL DE SACKFILLED WITH NO. 8 OR NO. 89 CRUSHED STONE.

BEE SHEET BOE 12: UTILITY PLAN : FOR WATER FACILITY MOTES

HORNE ENGINEERING, INC.
ENGINEERS PLANKERS LIAND SURVEYORS
215 SOUTH MAIN STREET - HICHOLASVILLE, XY. 40350
1859) 885-9441 FAX (859) 885-5160

GENERAL NOTES

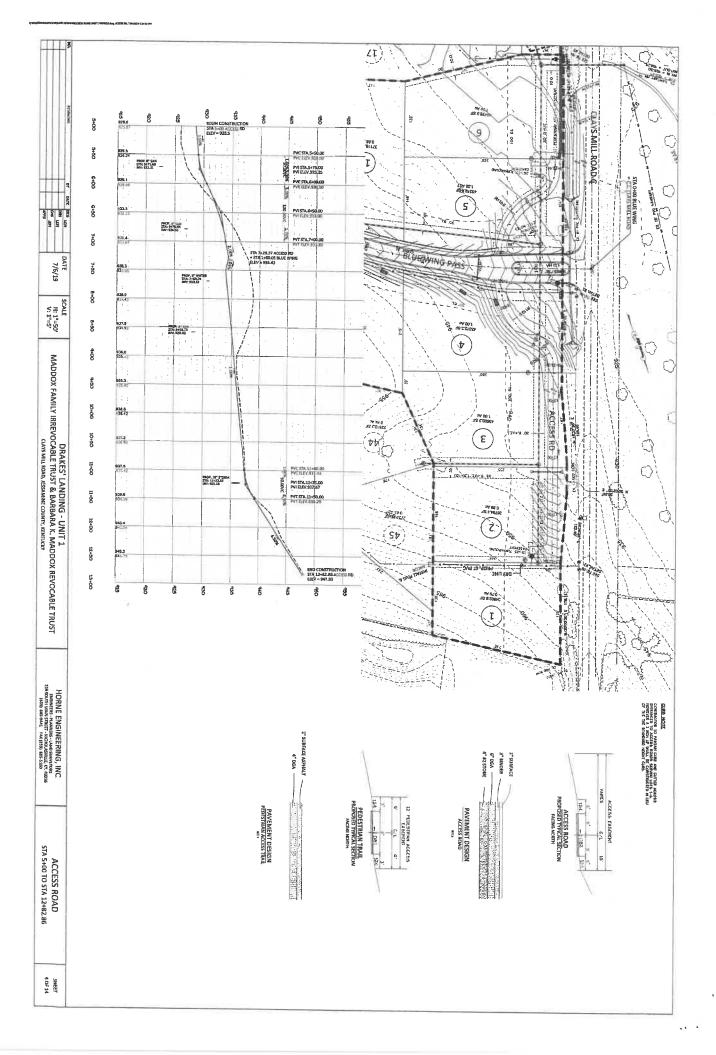
SHEET 1 OF 14

•

MISAI REPE 8 ŝ ĝ g 8 KDOW APPROVED, FLOODWAY 61) 8 THE POSTAGE 2 MT 8 HILL MATERIAL NOTE.

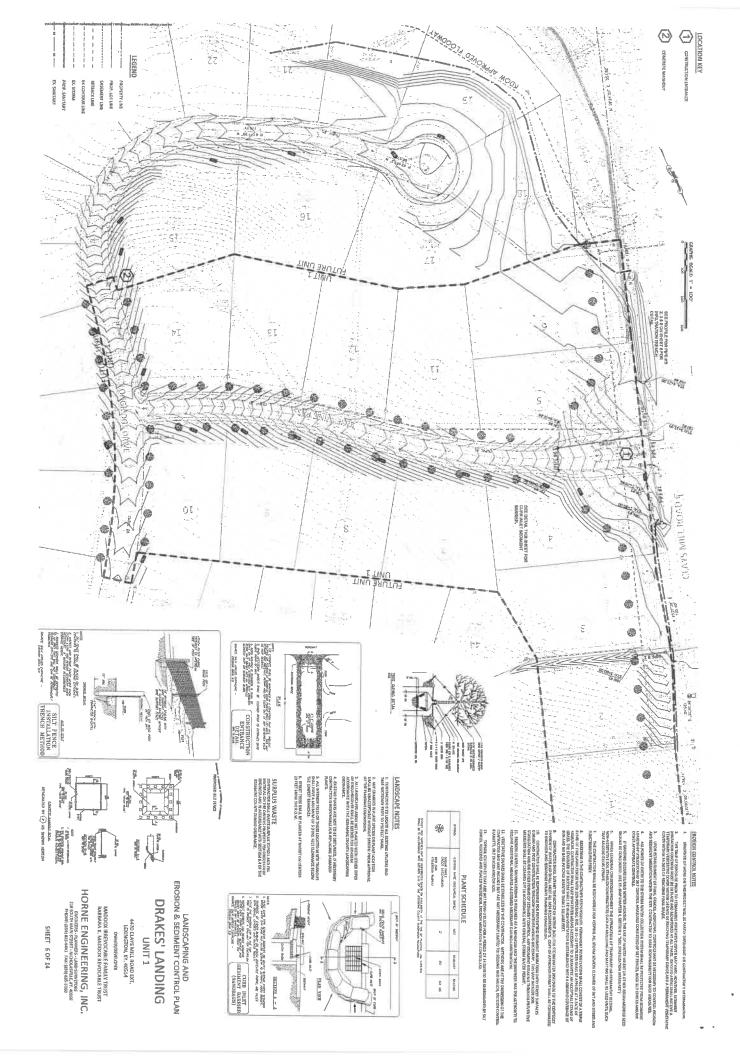
\$17 TRUS 14-9-1- AND \$10 CHROSES DRIENKIL NOT INGLIDE ANY
\$17 TRUS 14-9-1- AND \$10 CHROSES DRIENKIL NOT INGLIDE ANY
AND RIM MATERIAL PROMISES DRIENG INGLINE TO SERVICE SERVICE
AND THE SERVICE SERVICE SERVICE SERVICE SERVICE
AND THE SERVICE SERVICE SERVICE SERVICE
CONSTRUCTION AS WILL AS TOOM PARKET LOS TOS. MATERIAL
FOLDS AND RIPUIS SOMEWAY STREAMER SHALL SE COMPACTED FOR
SECTION CORNELS. STATION 12+68.07 TO 18+00 SWALL BE FULLY CONSTRUCTED THIS CONTRACT. 8 H352,00 (T) 6+50 COME FOOT 8 177 TO LI DATE 7/6/19 g snin 3100 SCALE H: 1°=50' V: 1°=5' PAC STANISHED 935.86 935.86 8 23 E.O. DRAKES' LANDING - UNIT 1

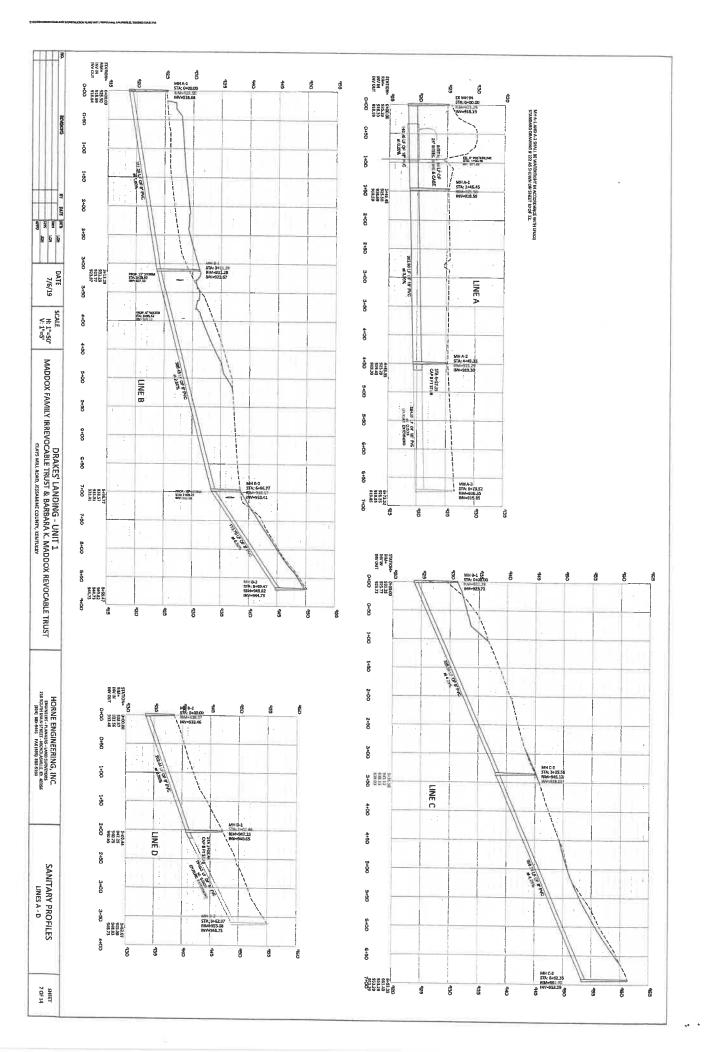
MADDOX FAMILY IRREVOCABLE TRUST & BARBARA K, MADDOX REVOCABLE TRUST
GAYS MILL ROAD, RESSAMINE COUNTY, REMILICAY \$ 939.8 938.4 85 WISTA 70150.00 AZ W ROUTE 11+00 11+50 949,5 H16.54 0 949.7 24 94 G 6 (1) 0 957.54 0 957.54 OT DOT WANTED ENE HAVE SAN 13+00 and and 13+50 962.2 952.03 14-00 100 GY HORNE ENGINEERING, INC.
BIGDITE HAW STREET - HUCKLASSIANETORS
JEST JEST JEST - HUCKLASSIA BIS-3160
JEST JEST - HUCKLASSIA BIS-3160 14-50 ELEVASS 15+00 1966.00 SNOT SHARL VIEW \$70.7 \$ 951.39 16-00 971.5 969 tul CURVE #1 S 2750'91'8" H 151.56' 5 CURVE #1 S 2750'91'8" I 301.95' 1 CURVE #4 S 2750'91'8" I 331.95' 1 CURVE #4 S 2750'91'8" W 230.03' 2 CURVE #4 S 230'91'8" W 151.56' 5 CURVE #4 S 231'35" W 151.56' 5 CURVE #4 S 231'35" W 151.56' 16+50 EXCENTAGE ALL ₩ \$T&16+5QQ 5 G 2: 17400 LONGRIDGE DRIVE STA 12+68.87 TO STA 18+00 5 9753 0 9753 UNIT 1 - CURVE TABLE Estate CCS 18+00 976.9 174.18 18+50 NEVER S 19+00 2.082 4. 2.082 19+50 19-50 D-442 SHEET 3 OF 14 100 970 48 40 000

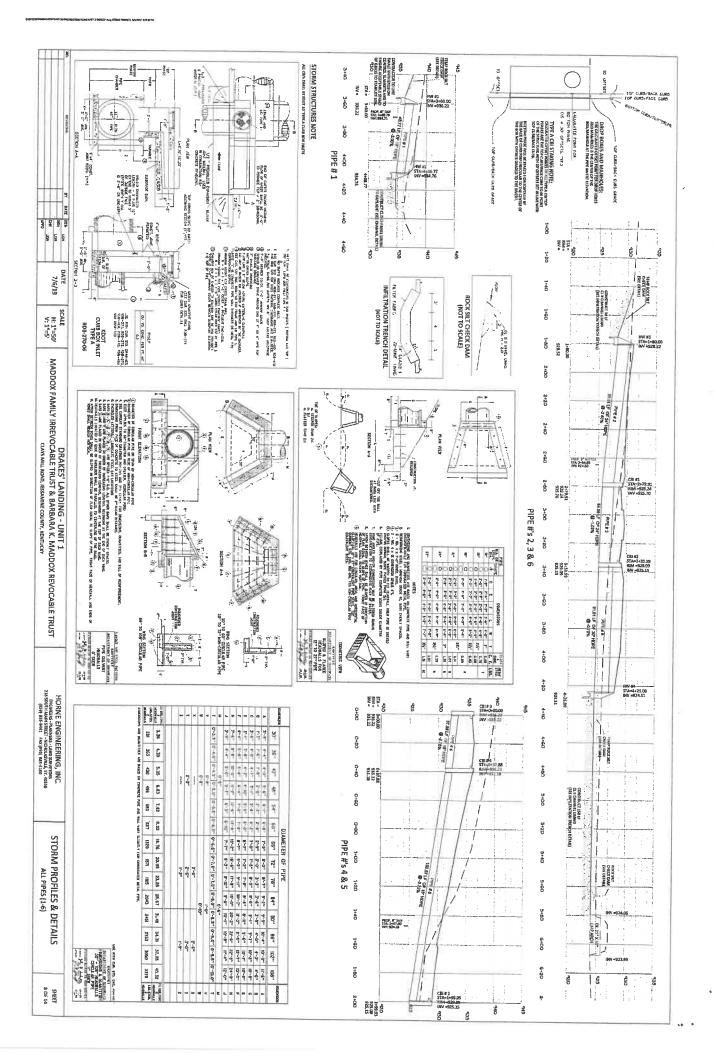


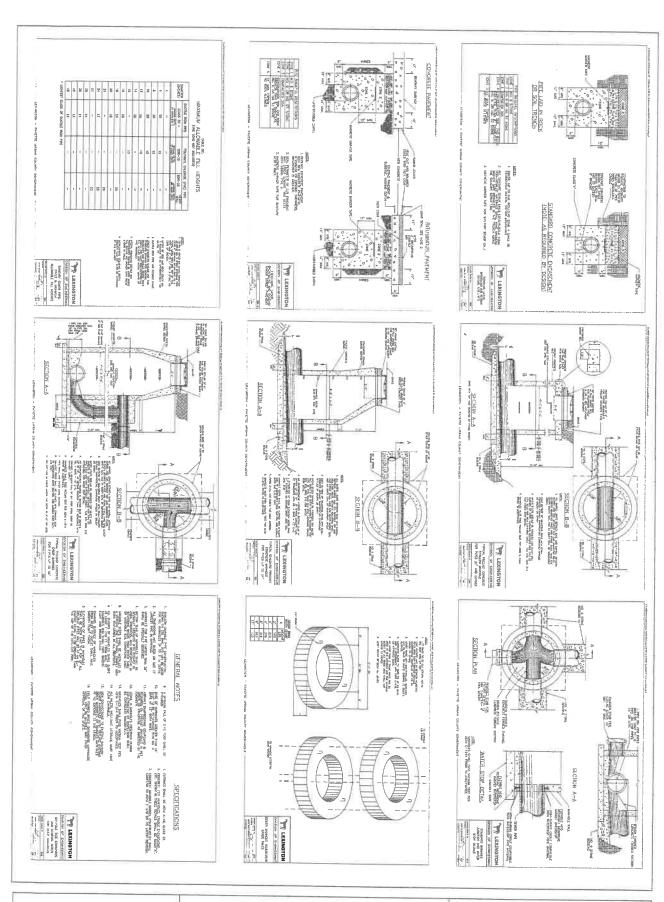


SHEET 5 OF 14









SANITARY SEWER
STANDARD DETAILS

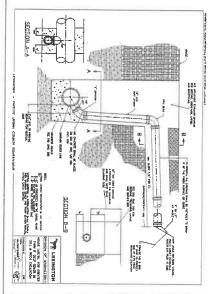
SHEET 9 of 14

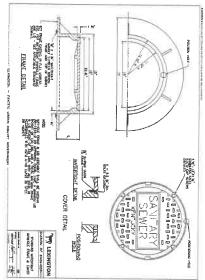
DRAKES' LANDING
MADDOX FAMILY TRUST, LLC
CLAYS MILL ROAD, JESSAMINE COUNTY, KENTUCKY

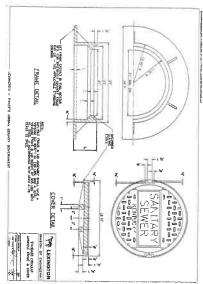
HORNE ENGINEERING, INC. ENGINEERS - PLANNERS - LAND SURVEYORS

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

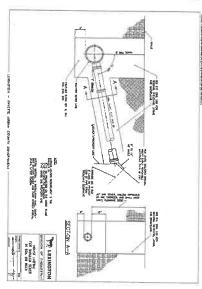
* *

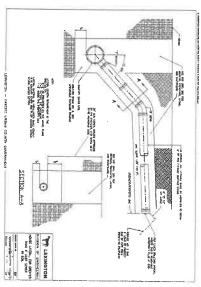


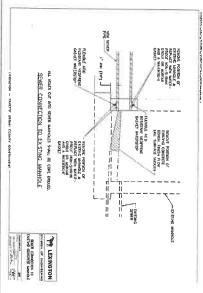


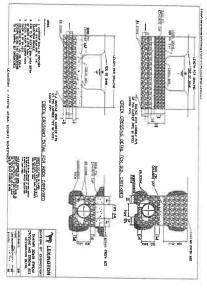


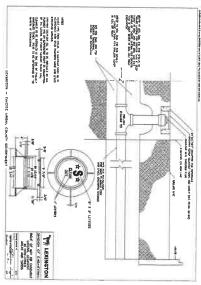












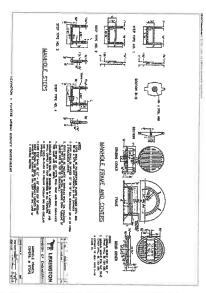
SANITARY SEWER STANDARD DETAILS

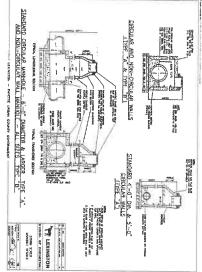
SHEET 10 of 14

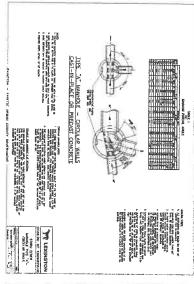
DRAKES' LANDING
MADDOX FAMILY TRUST, LLC
CLAYS MILL ROAD, JESSAMINE COUNTY, KENTUCKY

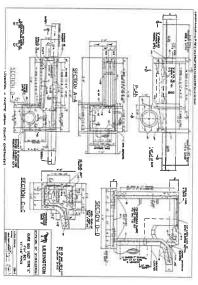
HORNE ENGINEERING, INC.

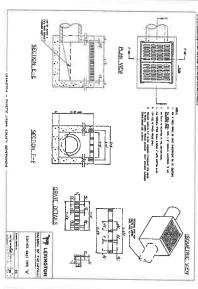
ENGINEERS - PLANNERS - LAND SURVEYORS 216 SOUTH MAIN STREET NICHOLASVILLE, KY 40356 859-885-9441 FAX 839-885-5160 EMAIL@HORNEENG.COM

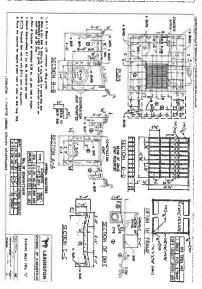


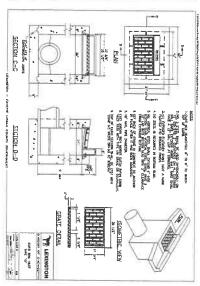


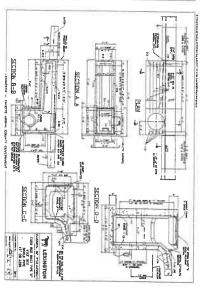


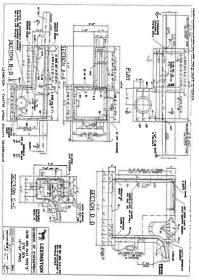










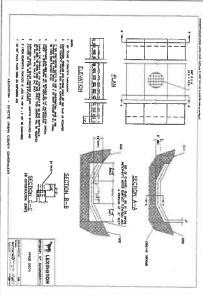


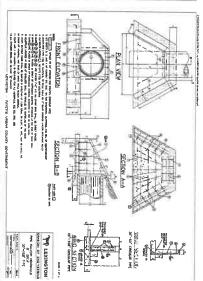
STORM SEWER STANDARD DETAILS

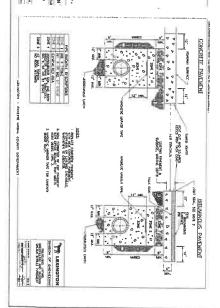
SHEET 11 of 14

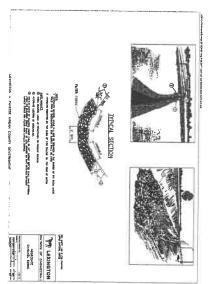
DRAKES' LANDING MADDOX FAMILY TRUST, LLC CLAYS MILL ROAD, JESSAMINE COUNTY, KENTUCKY

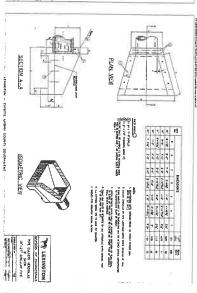
HORNE ENGINEERING, INC.
ENGINEERS - PLANNERS - LAND SURVEYORS
216 SOUTH MAIN STREET
NICHOLASVILLE, KY 40356
859-885-9441 FAX 859-885-5160
EMAIL@HORNEENG.COM

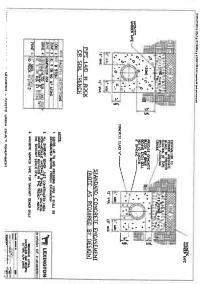


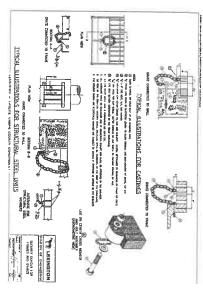


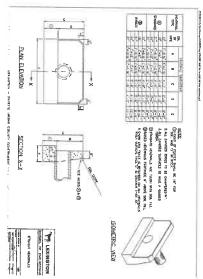


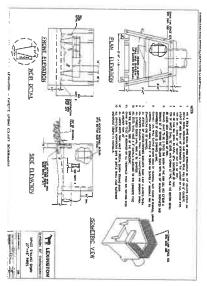












STORM SEWER STANDARD DETAILS

SHEET 12 of 14

DRAKES' LANDING
MADDOX FAMILY TRUST, 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

