

**SITE SPECIFIC AGREEMENT – RE: NOLAND PROPERTY PHASE 3, SECTION 2**  
**(102 LOTS)**

This Site Specific Agreement (the "Agreement") is made and entered into September 27 2018 by and among LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, hereinafter "LFUCG"; JESSAMINE-SOUTH ELKHORN WATER DISTRICT, hereinafter "JSEWD"; CITY OF NICHOLASVILLE, KENTUCKY; hereinafter "CITY"; and BALL HOMES, LLC, hereinafter "BALL".

**WITNESSETH:**

WHEREAS, BALL currently owns real estate located in Jessamine County, Kentucky, identified as Noland Property Phase 3, Section 2 as more particularly described on Sheet 1 of Exhibit "A", attached hereto (the "Property"); and

WHEREAS, the parties acknowledge that there is limited sanitary sewer capacity available; and

WHEREAS, the parties further acknowledge the importance of and the interrelationship of storm water as it may impact sanitary sewer collection and conveyance; and

WHEREAS, conditioned upon the agreement of BALL to comply with and subject to the terms and conditions of this Agreement, JSEWD and LFUCG are willing to provide sanitary sewer service to the Property.

NOW, THEREFORE, for and in consideration of the premises, the mutual undertakings and agreements herein contained and assumed, BALL, JSEWD and LFUCG hereby covenant and agree as follows:

1. *Sewer Capacity.* The parties agree that the sanitary sewer capacity needed to provide service to the Property shall not exceed 19,584 gallons per day (average daily flow) for sewage collection and conveyance.

2. *Agreement to Serve.* Conditioned upon BALL's full compliance with the LFUCG'S Code of Ordinances, including but not limited to Chapter 16, all administrative regulations, rules, practices and procedures of the LFUCG Department of Environmental Quality and Public Works (i.e. Procedures Manuals for Infrastructure Development, Sanitary Sewers and Pump Stations), and the rates, rules and regulations of JSEWD and Jessamine County relating to operation and use of the sanitary sewer system, as may be amended from time to time, (all entities' regulations hereinafter referred to as the "Code") and subject to the terms and conditions of this Agreement, upon the completion of the construction of the sanitary sewer facilities by BALL, JSEWD and LFUCG agree to permit connection of the sanitary sewer facilities installed by BALL to the existing facilities of LFUCG and JSEWD, if any, and to provide sanitary sewer utility service to

the Property. BALL expressly agrees that the constructed sanitary sewer facilities shall be conveyed to JSEWD upon completion of construction and approval for acceptance. Although it is expressly acknowledged by BALL that JSEWD may require that there be connections to the Property sanitary sewer system provided to adjoining properties, BALL expressly agrees that it shall not make any agreements with (relative to capacity reservation or otherwise) or permit any adjoining property owner access to or use of the sanitary sewer or storm water facilities to be constructed without the prior written authorization from JSEWD and LFUCG.

It is understood and agreed by the parties that this Agreement shall in no way constitute, nor shall be construed to be, a reservation of sanitary sewer treatment capacity for BALL by JSEWD or LFUCG, or an agreement by JSEWD and LFUCG to collect, convey, treat or in any way manage storm water. In order to secure a reservation of sanitary sewer capacity for the improvements shown in Exhibit "A", BALL must meet all terms and conditions of the Code, more specifically LFUCG Code of Ordinances Chapter 16, Article XIII, Sanitary Sewer Capacity Assurance Program (CAP). Furthermore, the parties hereto agree that in the event BALL fails to complete all requirements under this Agreement within 730 days from the date of same, this agreement shall automatically expire and become a nullity, but only as to facilities not constructed and connections not made.

3. **Connection Fees.** BALL agrees to pay the sum approved by the Kentucky Public Service Commission and, in addition, the amount of LFUCG sewer connection fees provided in the Code to JSEWD ("Connection Fees"). Said Fees are in consideration for the sewage collection, conveyance and treatment by JSEWD and LFUCG. The Connection Fees shall be paid as building permits are issued for each of the lots on the Property. In the event Ball does not construct the homes on all of the lots, then any successor in title to said lots shall be responsible for the Connection Fee at the time the building permit is issued.

4. **Additional Fees.** In addition to the Connection Fees heretofore referenced, BALL agrees to pay the full cost of sewer service to the Property, including, but not limited to the following additional charges and fees (the "Additional Fees"):

- (a) BALL shall have paid all reasonable charges assessed by JSEWD and LFUCG for plan review, construction inspection, testing, and other services of JSEWD and/or LFUCG in any way related to the sanitary sewer system.
- (b) BALL shall pay all sanitary sewer use fees ("Sewer User Fee") as provided in the Code, as may be amended from time to time. The Sewer User Fee is generally based on water consumption and BALL agrees to have the local water company which provides water to the Property, or any part thereof, provide duplicate billings to JSEWD, P.O. Box 731, Nicholasville, Kentucky 40340-0731. JSEWD will calculate and bill BALL or the appropriate user for such Sewer User Fees, which shall be due and payable as set forth in the Code. All unpaid Sewer User Fees shall

be subject to a late penalty and interest as set forth in the Code. Further, JSEWD shall be entitled to recover all its costs of collection of same, including reasonable attorney fees.

- (c) If required, BALL shall pay a surcharge for odor control chemicals on a monthly or less frequent basis as determined by JSEWD. LFUCG retains, in perpetuity, the right to approve or disapprove the use of any odor control chemical for the Property. .
- (d) Pre-treatment permit fees/ Extra strength fees (when applicable) shall be paid to LFUCG in accordance with the Code, Section 16-46 and Schedule B of Section 16-59.

**5. *Lien To Secure Payment of Connection Fees and Additional Fees.*** JSEWD shall have a lien against the Property to secure the payment of all Connection Fees and Additional Fees, interest, penalties and the costs of collection, including reasonable attorney fees. The lien shall attach to the Property, or applicable part thereof, as the Connection Fees and/or Additional Fees become past due without necessity of filing any lien statement by JSEWD.

**6. *Sanitary Sewer and Storm Water Management Installations.*** To induce JSEWD and LFUCG to provide sanitary sewer service to the Property, BALL agrees to construct, according to the plans and specifications approved by JSEWD and LFUCG as reflected in Exhibit "A", all on-site and off-site installations and facilities required by LFUCG to connect to the existing facilities of LFUCG and JSEWD, if any, to provide sanitary sewer service to the Property, including but not limited to all equipment, fixtures, pumps, lines, mains, manholes, lift stations, pumping stations, laterals, service connections, and to obtain appurtenances thereto together with all real property, easements and rights of way as necessary. To also induce JSEWD and LFUCG to provide sanitary sewer service to the Property, BALL shall size and construct, at its sole cost and expense, the proposed sanitary sewer facilities in a manner that provides the sanitary sewer capacity necessary to service all 1) developed/un-served upstream properties; 2) undeveloped upstream properties in accordance with JSEWD'S Sanitary Sewer Master Plan, LFUCG Watershed, North Jessamine County, Kentucky, Jessamine-South Elkhorn Water District, March 2006. The construction of infrastructure to serve developed/unerved and undeveloped upstream properties is in no way an approval or endorsement by LFUCG to provide future sanitary sewer service to those properties. Future developers of properties upstream of the Property may be required to improve downstream LFUCG infrastructure in order to secure a Site Specific Agreement for those properties. To further induce JSEWD and LFUCG to provide sanitary sewer service to the Property, BALL agrees to construct, according to the plans and specifications approved by the CITY, JSEWD, LFUCG and the Kentucky Division of Water as reflected in Exhibit "A", all on-site storm water facilities. The procedures for the design and construction of the storm water system shall comply with the same procedures outlined in numerical paragraph seven (7) herein for sanitary sewer systems, except that the applicable regulations for storm water management installations shall be substituted for those applicable to sanitary sewers and the appropriate authority exercising control over storm water management (City of Nicholasville) shall inspect and accept the storm water management installations. The

foregoing improvements, both sanitary and storm water systems, may be referred to as the "Improvements" and Exhibit "A" may be referred to as the "Plans".

If the Improvements will require a pump station, the peak discharge into the JSEWD and/or LFUCG gravity system shall be specified by JSEWD and LFUCG. Design of the pump station shall include a meter capable of recording all flow discharging from the pump station and telemetry equipment as specified by JSEWD. Odor control facilities shall be constructed as directed by JSEWD and LFUCG. LFUCG retains, in perpetuity, the right to approve or disapprove the use of any odor control chemical for the Property. If any pump stations are classified as "temporary" on the Plans, BALL will, at its own cost and secured by a bond or a letter of credit, connect to the gravity line as same becomes available and shall remove such "temporary" stations.

**7. Procedures for the Property Sewer System.** BALL agrees that the design and construction of the Improvements shall be subject to and in accordance with the Code and all administrative regulations, rules, practices and procedures of the LFUCG Department of Environmental Quality and Public Works, Jessamine County and JSEWD relating to the Improvements, and the following requirements, whether or not these requirements are contained in the foregoing ordinances, regulations, administrative rules, practices and procedures:

- (a) During construction of the Improvements, Jessamine County, JSEWD and LFUCG shall have the right to inspect such installations, including but not limited to the materials, equipment, piping, and connections to determine compliance with the approved Plans and JSEWD shall also have the right to halt construction, if necessary, in the event of non-compliance by BALL. BALL shall also provide JSEWD and LFUCG with periodic written certifications by BALL's engineer that all construction is in full compliance with the approved Plans and any applicable permits or other requirements.
- (b) Upon substantial completion of construction of the Improvements (as defined in the SSA) or any part thereof, BALL's engineer may deliver a signed certificate of substantial completion to JSEWD certifying to JSEWD and LFUCG that the construction is substantially completed, that the construction has been done thus far in accordance with all permits, approved Plans (as defined in the SSA) and any applicable legal requirements, and as constructed it will function for the purpose for which it was designed. Upon receipt of the above, payment of all fees due at the time and the posting of the Warranty Work and Punch List Sureties (as defined in attached exhibits), BALL may apply for tap-on permits from JSEWD at the time when building permits are issued for that portion of the project substantially completed, but there shall be no physical tap-on to the sewer main until and unless the entire project is completed, accepted by JSEWD and conveyed by BALL to JSEWD. Upon substantial completion and BALL's provision of the Punch List Surety and the Warranty Work Sureties (as described in Paragraph 9i below), and

BALL's compliance with the other terms and conditions of this SSA, JSEWD will sign-off on and approve BALL's final record plat for the Property.

- (c) At least seven (7) days prior to final inspection by JSEWD and LFUCG, BALL shall provide JSEWD and LFUCG with three sets of digital (AutoCAD) of the "as-built" plans, prepared by BALL's engineer, showing the location of all installations related to the Improvements as constructed. BALL shall provide JSEWD five (5) sets of as-built paving and storm water drainage plans, two (2) copies of the recorded subdivision plat of the Property and three (3) copies (DVD and inspection log) of a TV inspection of the sanitary sewer system. BALL shall also deliver to JSEWD, seven (7) days prior to final inspection, its engineer's certification and test results of the Improvements.
- (d) Upon completion of construction of the Improvements or any part thereof, BALL's engineer shall deliver a signed certificate of completion to JSEWD certifying to JSEWD and LFUCG that the construction is completed, that the construction has been completed in accordance with all permits, approved Plans, and any applicable legal requirements, and as constructed it will function for the purpose for which it was designed. BALL shall provide proof satisfactory to JSEWD that all contractors, subcontractors, materialmen and laborers have been paid in full. Upon receipt of all of the above, payment of all fees, a deed of conveyance of the sanitary sewer system, and final inspection by JSEWD and LFUCG of the Property sanitary sewer and stormwater conveyance system, a letter of acceptance of the Property sanitary sewer system shall be delivered to BALL by JSEWD.

**8. Use of Property Sanitary Sewer System.** The use of the Property sanitary sewer system shall be subject to full compliance with the Code. All connections of any building constructed on the Property, or any part thereof, to the Property sanitary sewer system shall require a tap-on permit and approval by the JSEWD and LFUCG. Any connection of a building to the Property sanitary sewer system without a tap-on permit, inspection and approval may result in immediate disconnection by JSEWD.

**9. Representation and Warranties of BALL.** In order to induce JSEWD and LFUCG to enter into this Agreement, BALL hereby represents and warrants to JSEWD and LFUCG as follows:

- (a) BALL is duly organized, validly existing, and in good standing under the laws of the Commonwealth of Kentucky. BALL has all requisite power and authority to enter into and perform the obligations contemplated by this Agreement. The execution and delivery of this Agreement and the performance of the obligations contemplated hereby have been duly

authorized by all necessary action on the part of BALL. This Agreement has been duly executed and delivered by BALL and constitutes the legal, valid and binding obligation of BALL enforceable against it in accordance with its terms.

- (b) The execution and delivery of this Agreement does not, and the performance of the obligations contemplated herein will not conflict with or result in any violation of, or default under any provision of, BALL's organizational documents, or any other agreement to which BALL is a party.
- (c) BALL covenants to obtain any consent, approval or authorization of any third party required in connection with BALL's execution and delivery of this Agreement or the performance by BALL of the obligations contemplated herein has been obtained.
- (d) BALL has good, valid and marketable title to the Property, free and clear of all liens, encumbrances, leases, restrictions, or other agreements which would conflict with this Agreement.
- (e) There are no: (i) Hazardous Materials (as defined below) located on the Property or which have been released into the environment, or discharged, placed or disposed of at on or under the Property in violation of any Environmental Laws (defined below); (ii) underground storage tanks which have been located on or under the Property.

The term "Hazardous Materials" means and includes, without limitation:

- (i) Those substances included within the definitions of "hazardous substances", "hazardous materials", "toxic substances" or "solid waste" in any of the Environmental Laws (defined below);
- (ii) Those substances listed in the U. S. Department of Transportation Table or amendments thereto (49 CFR 172.101) or by the U.S. Environmental Protection Agency (or any successor agency) as hazardous substances (40 CFR Part 302 and any amendments thereto);
- (iii) Those other substances, materials and wastes which are or become classified as hazardous or toxic by any such law, regulation or ordinance; and
- (iv) Any material, waste or substance which is any of the following: (A) asbestos-containing material; (B) polychlorinated biphenyls; (C) radon gas; (D) urea formaldehyde foam insulation; (E)

petroleum, petroleum product or derivation thereof; (F) designated or listed as a "hazardous substance" pursuant to section 311 or section 307 of the Clean Water Act (U.S.C. section 1251 at set seq.); (G) explosive; or (H) radioactive.

- (v) The term "Environmental Laws" means all federal laws, state and local environmental, land use, zoning, health, chemical use, safety and sanitation laws, statutes, ordinances and codes related to the protection of the environment and government and/or governing the use, storage, treatment, generation, transportation, processing, handling, production or disposal of Hazardous Materials in the rules, regulation, policies, guidelines, interpretations, permits, decisions, orders and directives or federal, state, and local governmental agencies and authorities with respect thereto.
- (f) BALL is designated as the party that is responsible for compliance with all erosion/sediment control measures (Best Management Practices) during construction.
- (g) That neither JSEWD, nor LFUCG have made any representation or guarantee that any sanitary sewer capacity has been reserved for the undeveloped portion of BALL's property described as Phase 4 on Sheet 1 of Exhibit "A".
- (h) BALL hereby represents and warrants to JSEWD and LFUCG that the Improvements will be repaired, constructed and installed in accordance with the Plans (Exhibit A) and that all materials, supplies and equipment incorporated into the work will be new and free from any and all defects, whether latent or patent, in workmanship. BALL agrees to repair and replace, at its own expense, all of the work which may prove to be defective, for a period of three (3) years after the date of acceptance by JSEWD, relative to the sanitary sewer system, and for a period of one (1) year after the date of BALL's engineer's certification of completion relative to the storm sewer system. The sanitary sewer and storm sewer warranty and punch list obligations above shall be secured by separate warranty bonds or letters of credits, acceptable to JSEWD, posted for the time periods above made in favor of JSEWD by BALL - one bond or letter of credit for the sanitary sewer system warranty work and punch list items and another bond or letter of credit for the storm sewer warranty work and punch list items. Each of the above bonds or letters of credits shall not be released in part or whole without prior written approval of JSEWD, which approval shall not be unreasonably withheld.

10. Easement. BALL hereby grants to JSEWD, subject to the terms of this Agreement,

the right to maintain and operate the sanitary sewer system. BALL agrees to provide a note on any subdivision plat related to the Property referencing dedication of the sanitary sewer system to JSEWD which reads that it is specifically subject to the terms and conditions of this Agreement. Upon request, BALL further agrees to execute and deliver a separate deed of easement or encroachment permit in a form reasonably acceptable to JSEWD, in its sole discretion, for all facilities, on-site and off-site, related to the portions of the sanitary sewer system, for which JSEWD will accept dedication and conveyance except for pump stations and access routes thereto, which, upon request, BALL agrees to convey in fee simple absolute to JSEWD by deed in a form acceptable to JSEWD, in its sole discretion. BALL hereby further agrees that the foregoing grant includes the right of ingress and egress to any part of the Property for the purpose of maintenance and operation of the sanitary sewer system. BALL and JSEWD agree to assign to LFUCG a right of access and ingress and egress to the sanitary sewer system and to the Property.

11. **Mortgage Liens.** Mortgagees, if any, holding prior liens on the Property, or any part thereof, shall be required to subordinate their rights to the rights of JSEWD under this Agreement and the easement dedication herein contemplated.

12. **Notices.** All notices, demands or requests provided for or permitted to be given pursuant to this Agreement must be in writing. All notices, demands and requests to be sent to either party shall be deemed to have been properly given or served by personal delivery or by depositing same in the United States mail, addressed to such party, postage paid and registered or certified with return receipt requested at the following address:

LFUCG Department of Environmental Quality and Public Works 200 East Main Street Lexington, KY 40507	With copy to: LFUCG Department of Law 200 East Main Street Lexington, KY 40507
Jessamine-South Elkhorn Water District P.O. Box 731 Nicholasville, KY 40356	With copy to: Bruce E. Smith, Esq. 201 South Main Nicholasville, KY 40356
Ball Homes, LLC 3609 Walden Drive Lexington, KY 40517	
Mayor City of Nicholasville 517 North Main Street Nicholasville, KY 40356	With copy to: Mr. Bob Amato 517 North Main Street Nicholasville, KY 40356

**13. Indemnification.** BALL shall indemnify and reimburse JSEWD, the City and LFUCG for any and all claims, losses, liabilities, damages (including without limitation, fines, penalties, criminal or civil judgments and settlements), costs (including without limitation, court costs); and expenses (including without limitation, attorneys, engineers and accountants fees), (hereinafter "Loss" or "Losses") suffered or incurred by JSEWD and LFUCG, as a result of, or with respect to or arising from (a) any breach or inaccuracy of any representation or warranty of BALL herein; (b) any breach of or noncompliance by BALL with any covenant or agreement of BALL contained in this Agreement; (c) any negligent or wrongful act of BALL, its agents, employees, affiliates; and (d) Hazardous Materials or underground storage tanks that are located on or under the Property.

**14. Compliance with Law.** BALL agrees to comply with all federal, state and local laws, statutes, ordinances, regulations, and requirements. BALL agrees that the Property is subject to the Code and all regulations, administrative rules, practices and procedures of the LFUCG Department of Environmental Quality and Public Works, the JSEWD, and the City relating to sanitary and storm water management systems as set forth herein and agrees to fully comply with same.

**15. Exhibit Incorporation by Reference.** Exhibit "A" attached hereto is hereby incorporated by reference as if set out fully herein.

**16. Binding Effect, Assignment.** This Agreement shall be binding upon and inure to the benefit of the parties hereto, their successors, assigns, transferees, tenants, heirs, and personal representatives. BALL's rights hereunder shall not be assignable to any other person, except by a deed of conveyance whereby the Property, or a part thereof, is conveyed to such person.

**17. Costs and Attorney's Fees.** JSEWD and LFUCG shall be entitled to recover all costs and reasonable attorney fees incurred connected with the collection of Connection Fees or Additional Fees.

**18. Amendment/Waiver.** No modification, termination, assignment or amendment of this Agreement may be made, except by written agreement. Failure by any party to insist upon strict performance of any covenant, duty, agreement or condition in this Agreement or to exercise any right or remedy or a breach thereof shall not constitute a waiver of any breach or any such covenant, agreement, term or condition. Any party hereto, by notice and only by notice as provided in this Agreement, may, but shall be under no obligation to, waive any of its rights or any conditions to its obligations hereunder, or any duty, obligation or covenant of any other party hereto. No waiver shall affect or alter this Agreement but each and every covenant, agreement, term and condition of this Agreement shall continue in full force and effect with respect to any other then existing or subsequent breach thereof.

**19. Covenants Running with Land.** BALL, and its successors in title agree that all portions of the Property, whether designated as separate lots or otherwise, shall be required to comply with the terms of this Agreement and shall use the Improvements in accordance with

the terms of this Agreement, which covenant shall be deemed a "Covenant Running with the Land", and reference shall be made to this Agreement, on any plat of the Property or any part thereof.

**20. Undertakings.** The parties will act reasonably when undertaking any submittal, review, approval, acceptance, or inspection required under this Agreement, provided, however, with respect to any review, approval, acceptance, or inspection of JSEWD or the LFUCG which would be required under the law had the Property been located entirely in Fayette County, the standard practice of the LFUCG shall be deemed reasonable. Further by review, approval, acceptance or inspection, the JSEWD, the City, and LFUCG shall not assume responsibility for design, construction or installation of the Improvements and shall in no way be deemed to waive any rights available to JSEWD, City of Nicholasville, and LFUCG related to defects, omissions or failures in design, construction or installation.

**21. Governing Law.** This Agreement has been entered into and shall be interpreted under and governed by the laws of the Commonwealth of Kentucky. Further, the parties agree that any litigation related to the terms of this Agreement shall be brought in the Jessamine Circuit Court, Nicholasville, Kentucky and the parties acknowledge that venue shall be proper in such court.

If any court of proper jurisdiction finds or construes any provision contained herein to be unenforceable or invalid, then, and in that event, such finding or construction shall not invalidate the entire Agreement.

**22. Captions.** The captions of each section herein are for convenience only and shall not affect the construction hereof.

**23. Multiple Copies.** This Agreement may be signed in multiple copies, each of which shall be considered an original and entire document.

**24. Entire Agreement.** This Agreement contains the entire agreement and understanding between the parties hereto and incorporates and supersedes all oral agreements and understandings and it shall not be changed or supplemented unless done in a writing signed by all parties hereto.

IN WITNESS WHEREOF the parties have caused this document to be executed on the date and year first written.

LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT

BY:

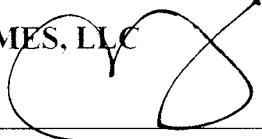
ITS: MAYOR

BALL HOMES, LLC

BY:

NAME:

ITS:

  
D. Ray Ball, Jr.

President

JESSAMINE-SOUTH ELKHORN WATER DISTRICT

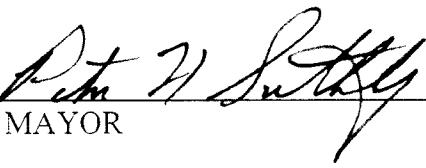
BY:

ITS: CHAIRMAN

CITY OF NICHOLASVILLE

BY:

ITS: MAYOR

  
Peter H. Sutliff

2011 USEWD\Ball Homes\SSA\Noland Property Phase 3, Section 2 070918

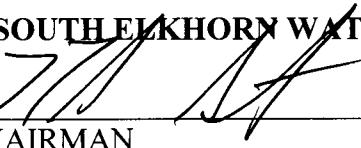
**BALL HOMES, LLC**

BY: \_\_\_\_\_

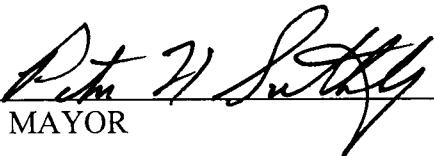
NAME: \_\_\_\_\_

ITS: \_\_\_\_\_

**JESSAMINE-SOUTH ELKHORN WATER DISTRICT**

BY:   
ITS: CHAIRMAN

**CITY OF NICHOLASVILLE**

BY:   
ITS: MAYOR

:\\JSEWD\Ball Homes\SSA\Noland Property Phase 3, Section 2 070918

# **Site Specific Agreement**

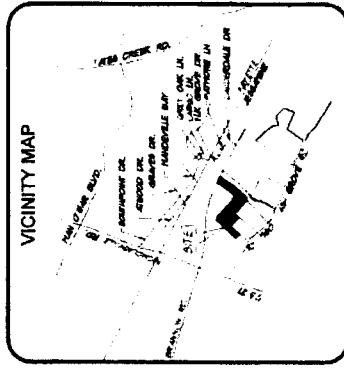
**Noland Property Phase 3, Section 2**

**Exhibit A**

# NOLAND PROPERTY

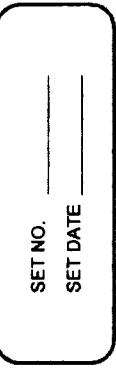
## PHASE 3, SECTION 2

DEVELOPER  
BALL HOMES, LLC  
3429 BALDEN DRIVE  
LEXINGTON, KY 40507



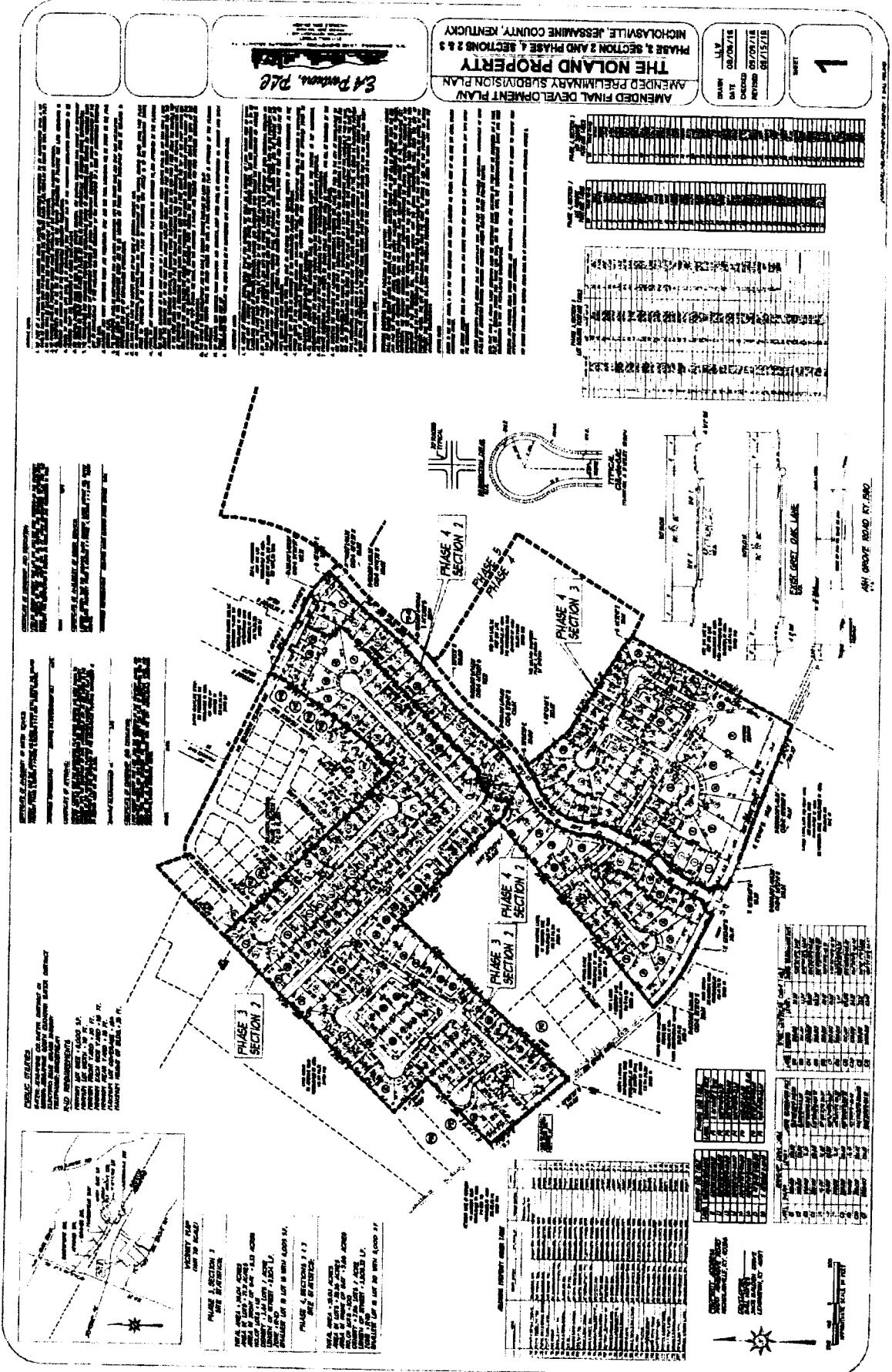
### SHEET INDEX

- 1 FINAL DEVELOPMENT PLAN
- 2 PRELIMINARY SUBDIVISION PLAN
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*EA Version. PLG*

102 LOTS AT 400 GPD = 40,800 GPD



**NOLAND PROPERTY**

GENERAL NOTES

NICHOLSVILLE JESSAMINE COUNTY, KENTUCKY

PHASE 3, SECTION 2

EA Planning, PLC

TEN  
DRAFTDATE  
08/21/10

CREDITS

REVISED

APPROVED

SUSPENDED

3A

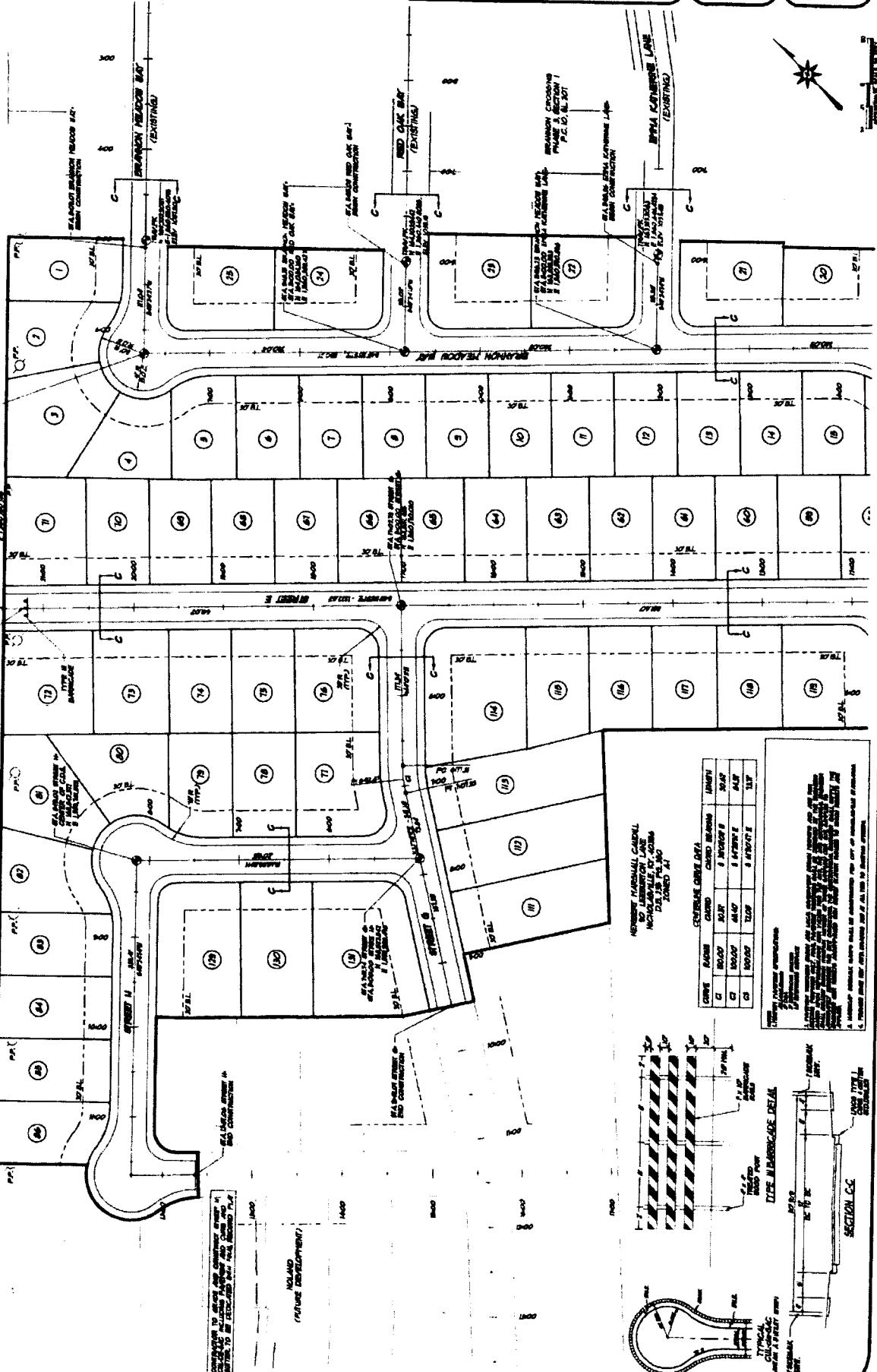
STREET LAYOUT

NOLAND PROPERTY

PHASE 3, SECTION 2

NAME  
TITLE  
DATE  
REVISION  
NUMBER  
SHEET

EA PARKVIEW, PLC



**3B**

STREET LAYOUT

NOLAND PROPERTY

PHASE 3, SECTION 2  
NICHOLSVILLE, JESSAMINE COUNTY, KENTUCKY

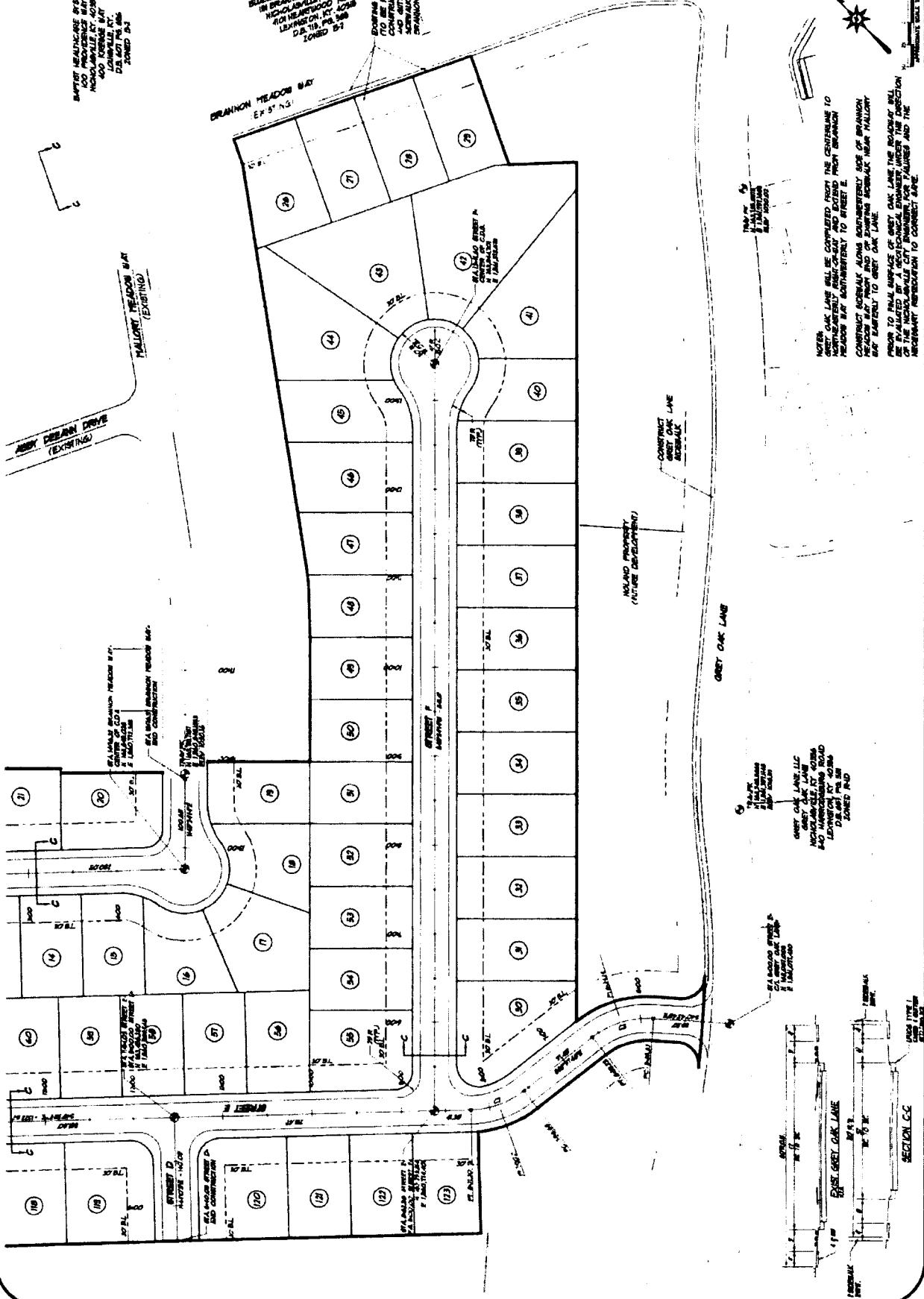
DATE  
08/25/12  
CROSSING  
SECTION  
SHEET

EA Powers, PLLC

BEST MEADOWS PROPERTY  
NICHOLSVILLE, KY 40356  
400 NICHOLS MEADOWS WAY  
LOWELL, KY  
DEED OF RELEASE  
ZONED R-1

BLUEGRASS RACQUET CLUB, LLC  
18 NICHOLS MEADOWS WAY  
NICHOLSVILLE, KY 40356  
400 NICHOLS MEADOWS WAY  
LEXINGTON, KY 40509  
D.B. #15, Pg. 369  
ZONED R-1

BRONFEN ENTRANCE  
TO BE REPAVED  
CONTRACTOR  
AND SELLER AND  
CONTRACTOR  
CONTRACTOR PERIOD 6/1

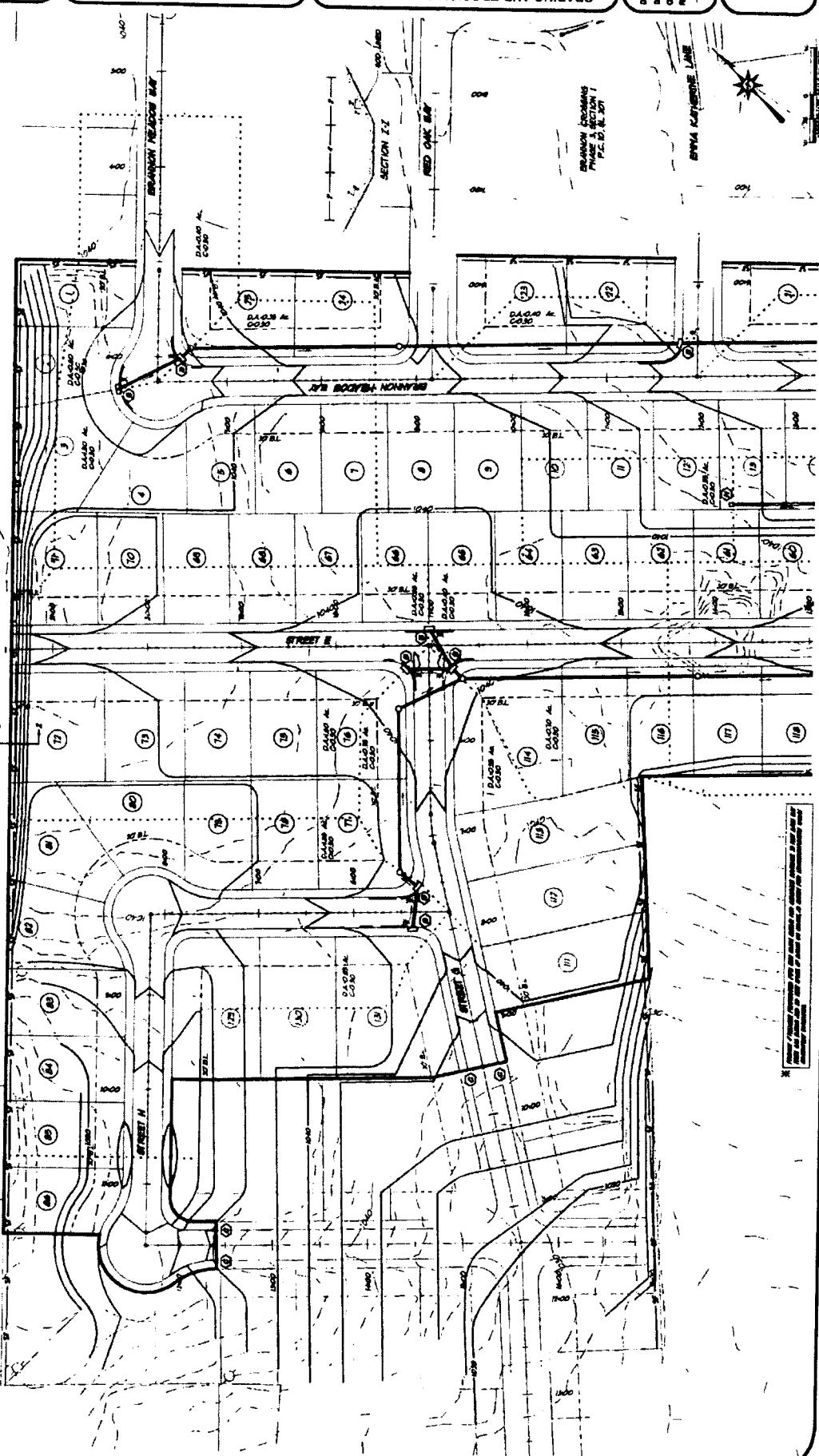


4A

TRIN  
DATE  
CREDITS  
REVISED

NOLAND PROPERTY  
PHASE 3 SECTION 2  
NICHOLSVILLE, JESSAMINE COUNTY, KENTUCKY

GRADING AND EROSION CONTROL PLAN  
E&D Associates PLLC

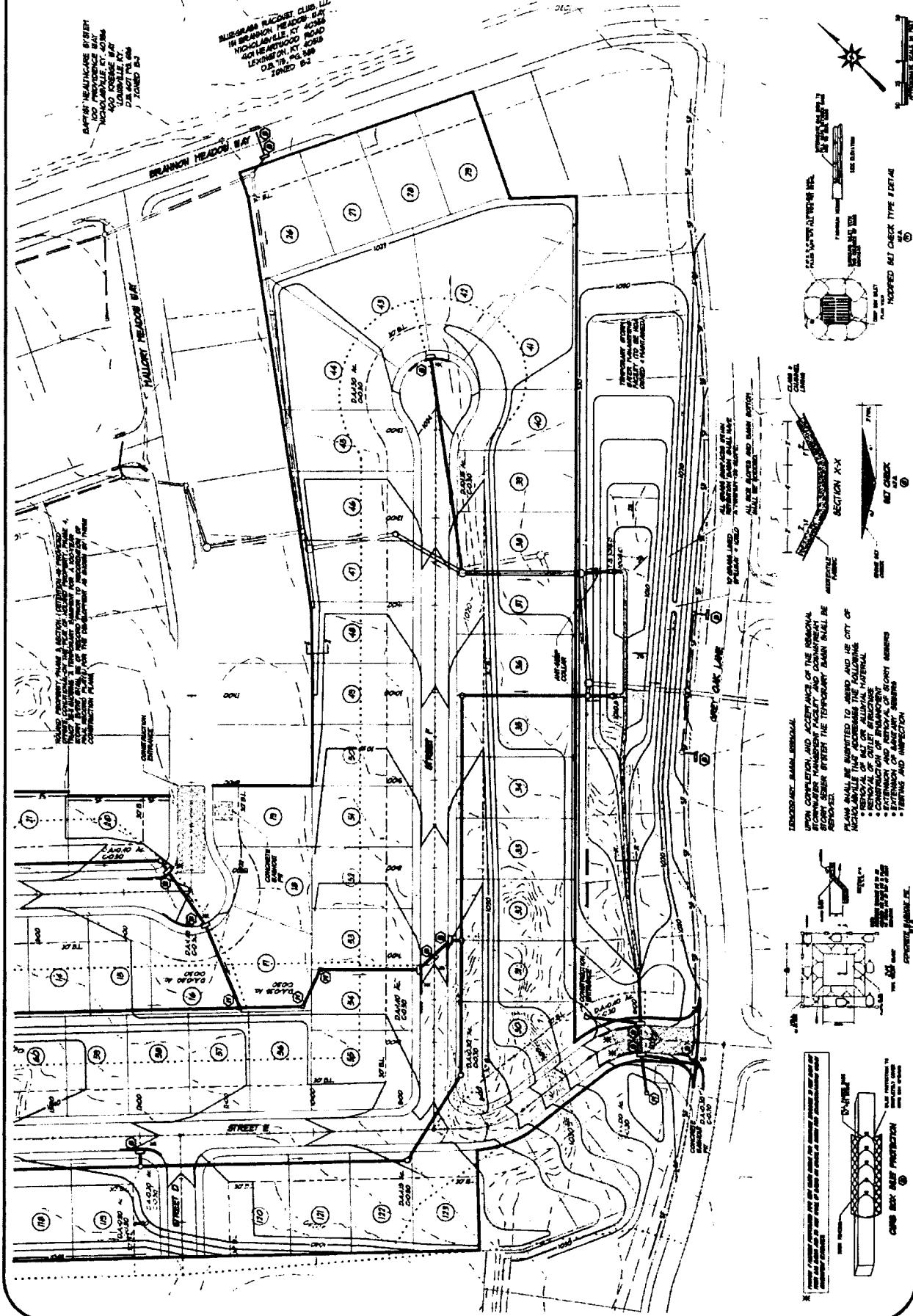


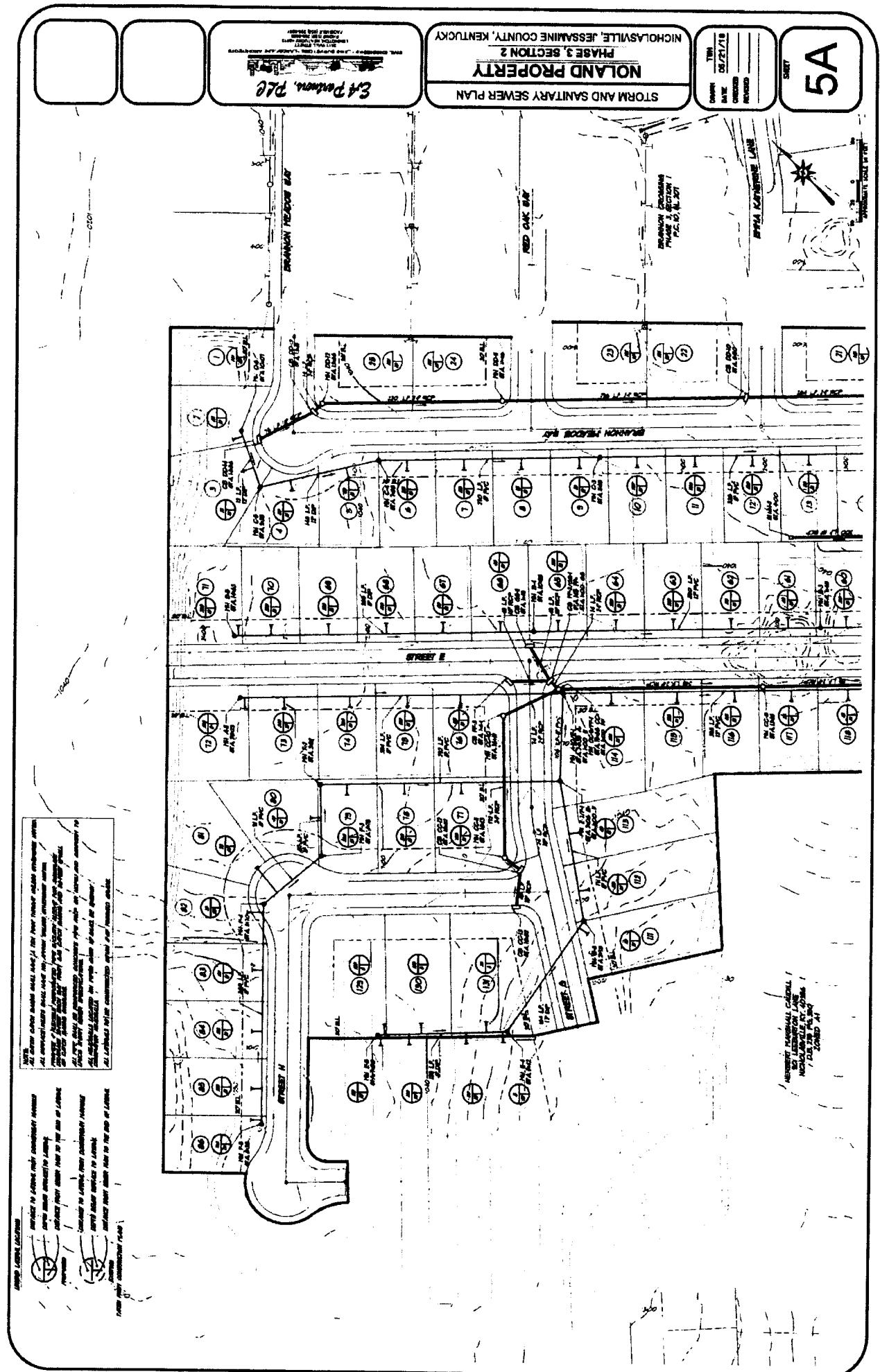
**4B**

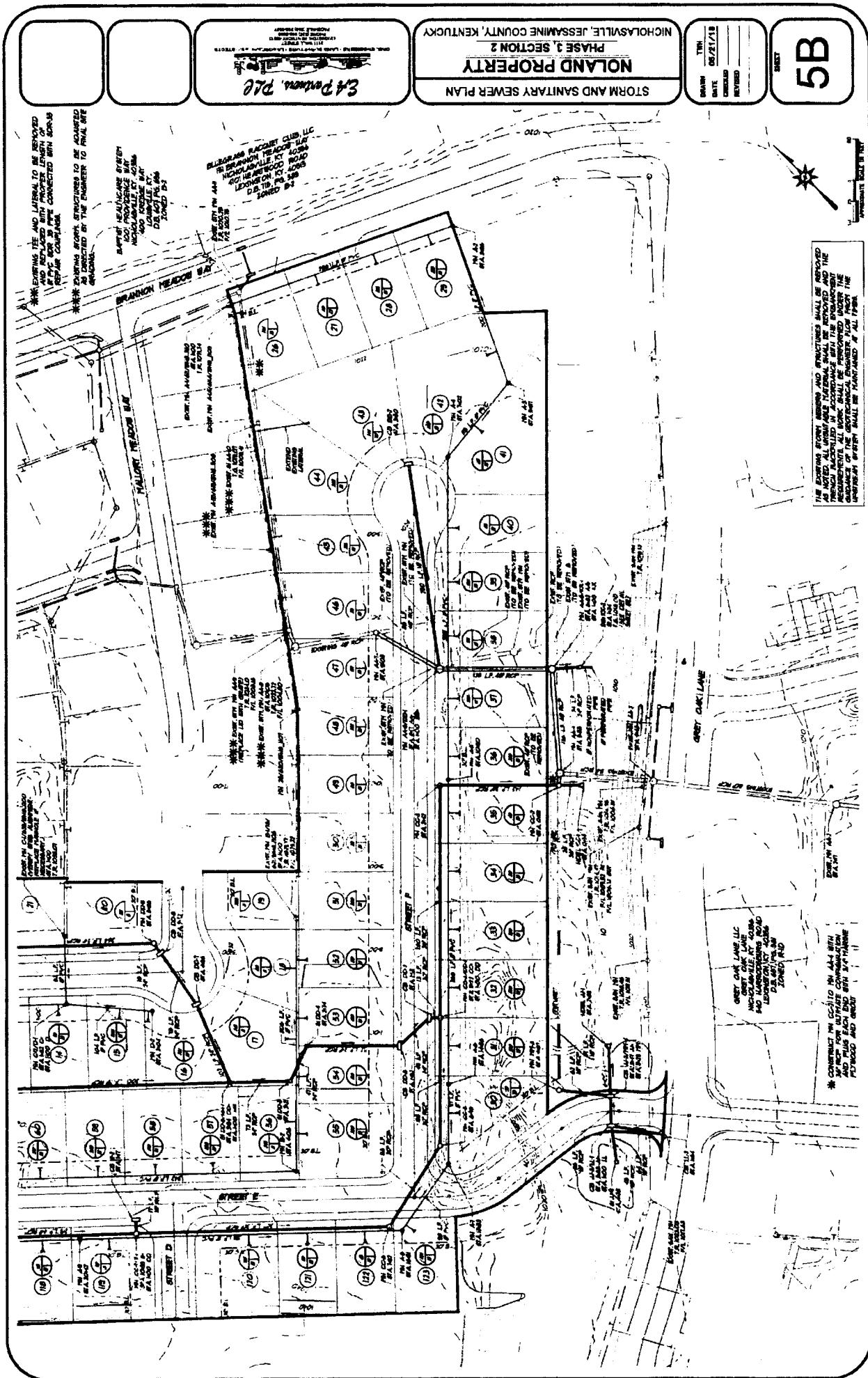
**NOLAND PROPERTY**

**PHASE 3, SECTION 2**  
**GRADING AND EROSION CONTROL PLAN**

NAME: **BLA**  
DATE: **08/21/18**  
CITY: **BEST**  
STREET:







MAP SHEET NO. 5B  
NICHOLASVILLE, JESSAMINE COUNTY, KENTUCKY  
SECTION 2

NOLAND PROPERTY  
PHASE 3 SECTION 2  
STORM AND SANITARY SEWER PLAN

DATE  
06/21/18  
DRAWN  
CHECKED  
APPROVED  
SWEET

5B

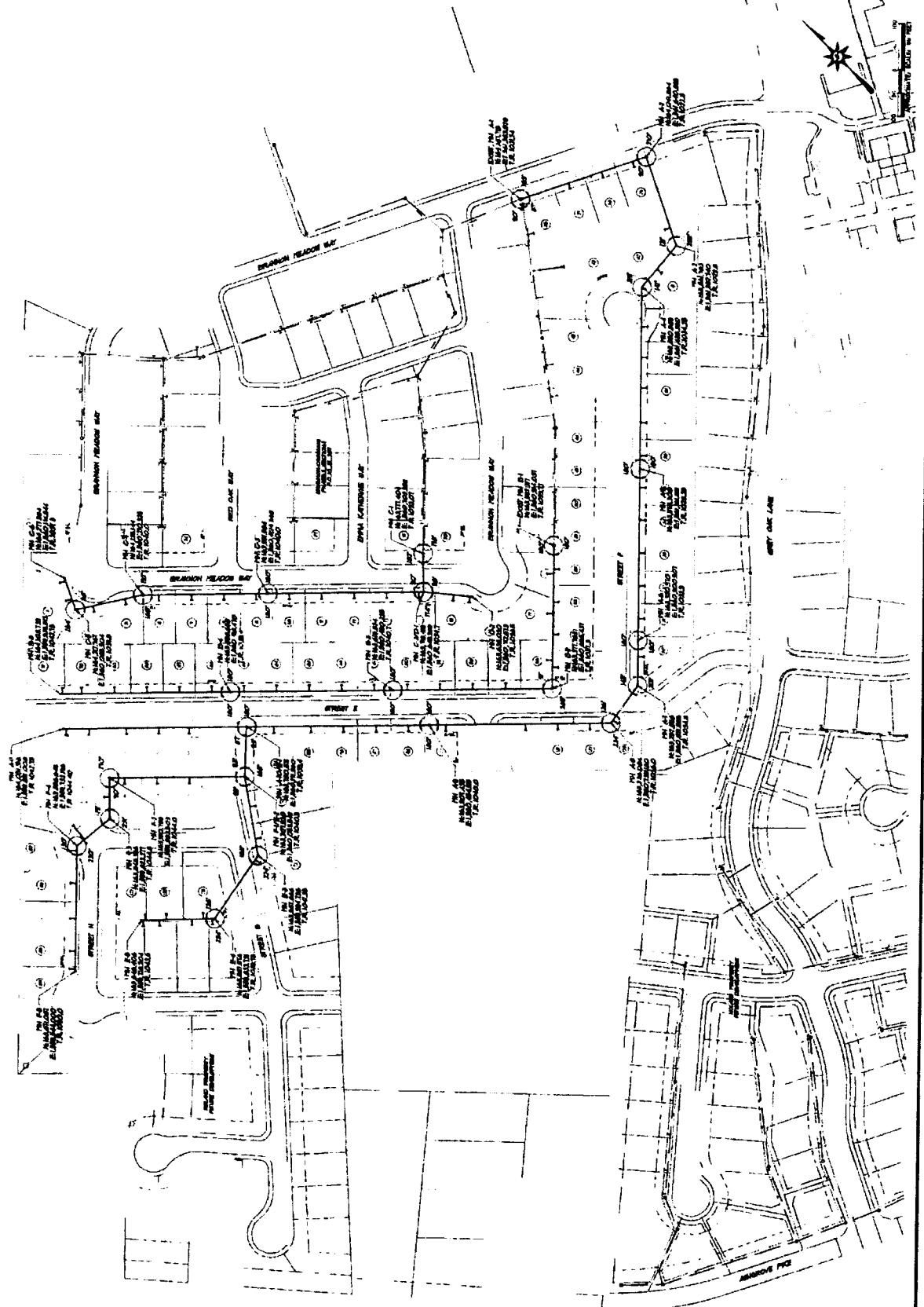
THE EXISTING STORM, SANITARY AND STRUCTURES SHALL BE MAINTAINED AS NOTED. ALL NEW STORM, SANITARY AND STRUCTURAL WORK SHALL BE PERFORMED UNDER THE SUPERVISION OF THE CITY ENGINEER. ALL WORK SHALL BE PERFORMED UNDER THE GUIDANCE OF THE CIVIL ENGINEER. PLANS FROM THE UNIVERSITY OF KENTUCKY SHALL BE MAINTAINED.

\* CONSTRUCT IN STOKE IN ADDITION TO THE  
TOP OF THE UTILITY CONSTRUCTION  
AND PLUG EACH END WITH  
PVC DODGE AND GRANDE

5C

5  
11/14/02  
DRAFT  
REVISED  
SANTARY SEWER COORDINATE PLAN  
NOLAND PROPERTY  
PHASE 3 SECTION 2  
NICHOLSVILLE, JESSAMINE COUNTY, KENTUCKY

EA Planon PLC

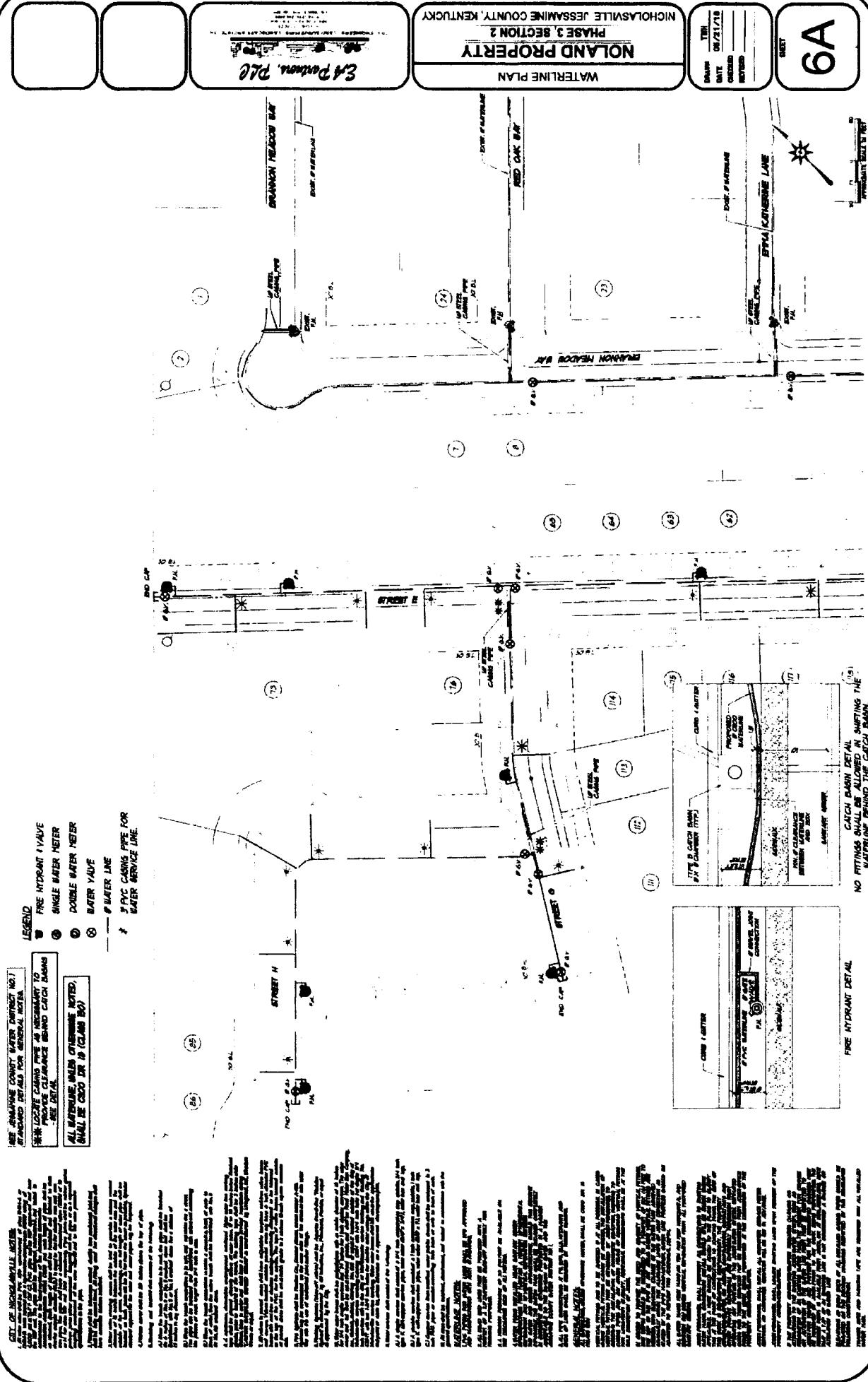


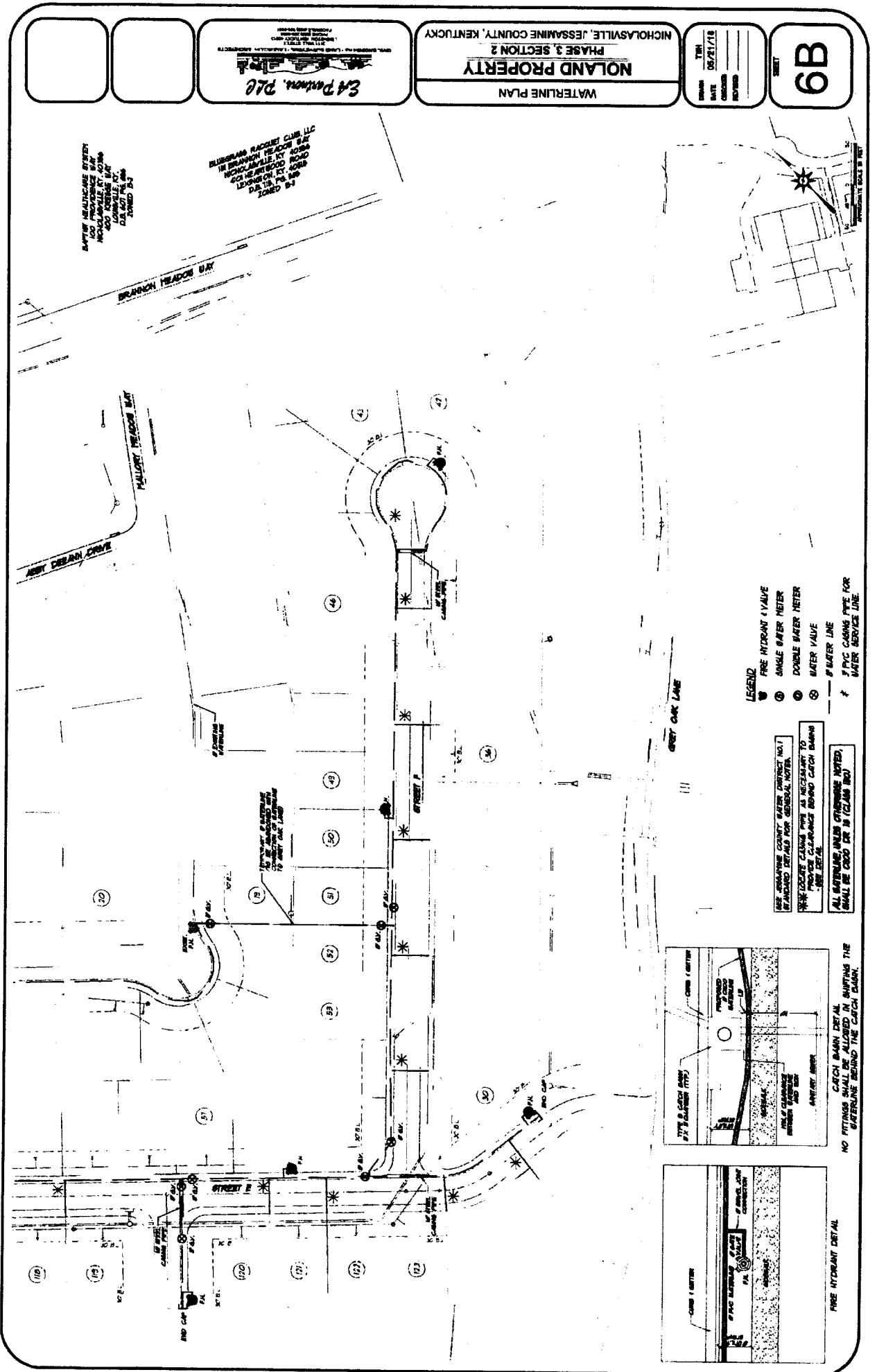
CITY OF NICHOLASVILLE NOTES  
STANDARD DRAFT FOR GENERAL NOTES

ALL COPIES SHOULD BE IN INK OR PRINTED  
NEVER IN PENCIL  
ALL MATERIALS WHICH ARE TO BE USED  
SHALL BE GOOD OR IN (CLAD) IRD

LEGEND

- FIRE HYDRANT / VALVE
- ANGLE WATER METER
- DOUBLE WATER METER
- WATER VALVE
- WATER LINE
- + PVC CARRY PIPE FOR  
WATER SERVICE LINE.





EA Peacock, PLLC

NOLAND PROPERTY

PHASE 3, SECTION 2

STREET PROFILES

TIN  
OFFICE 116  
DRAFT  
CHECKED  
REVIEWED

SHEET  
7A

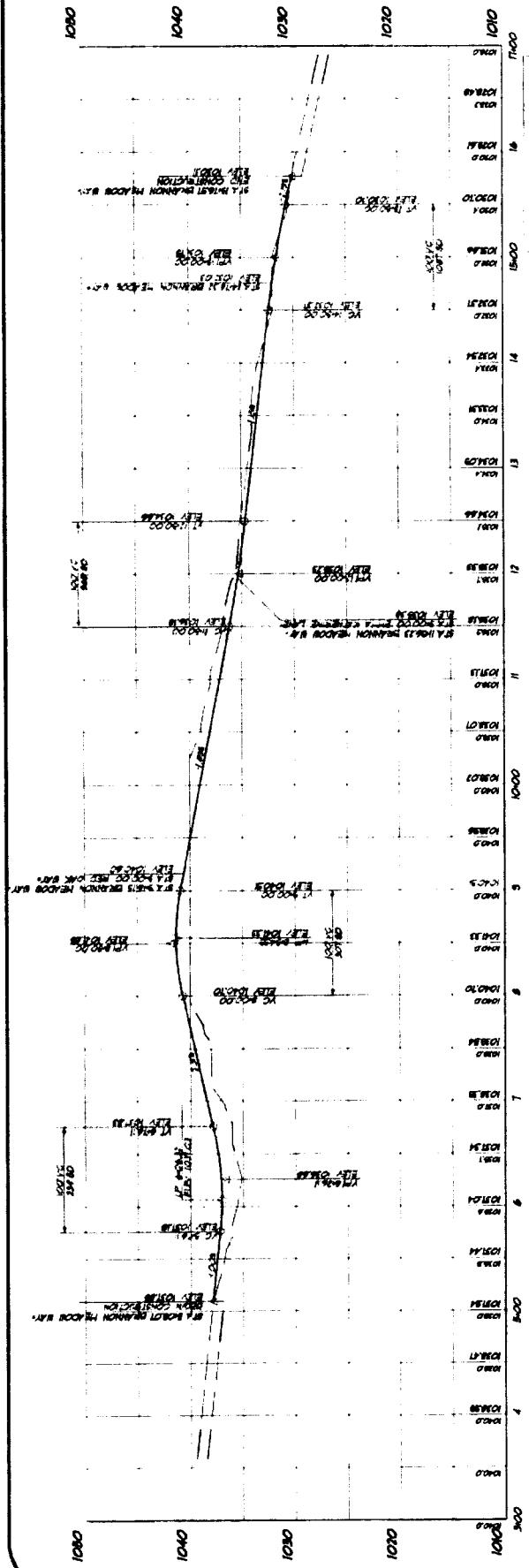
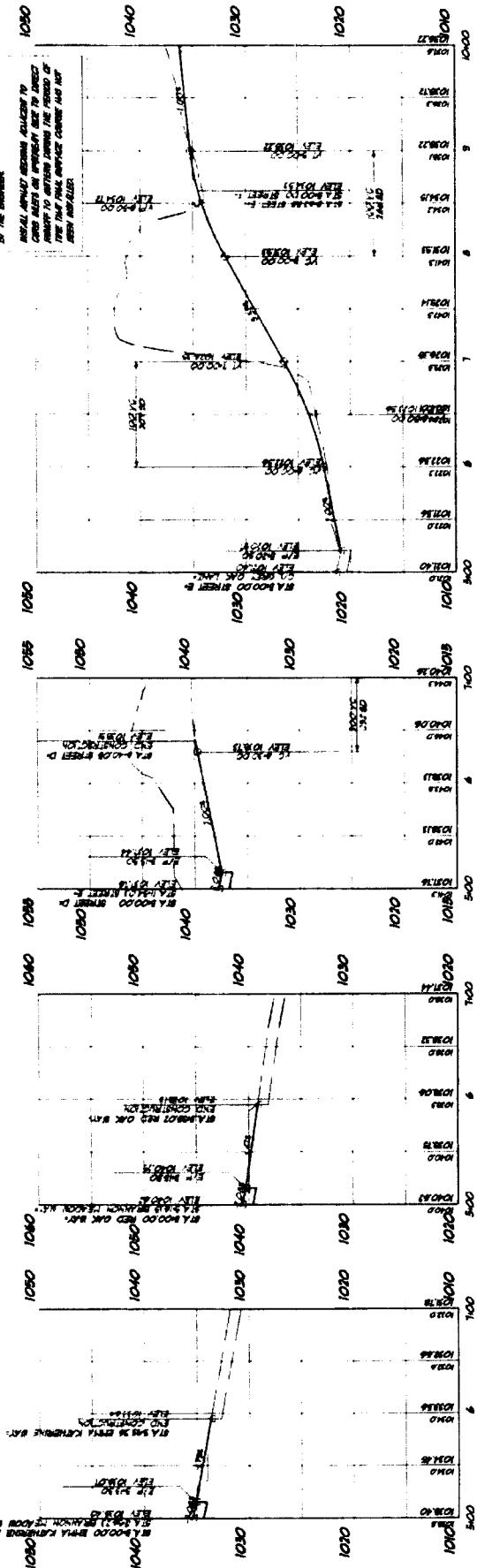
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1:5000

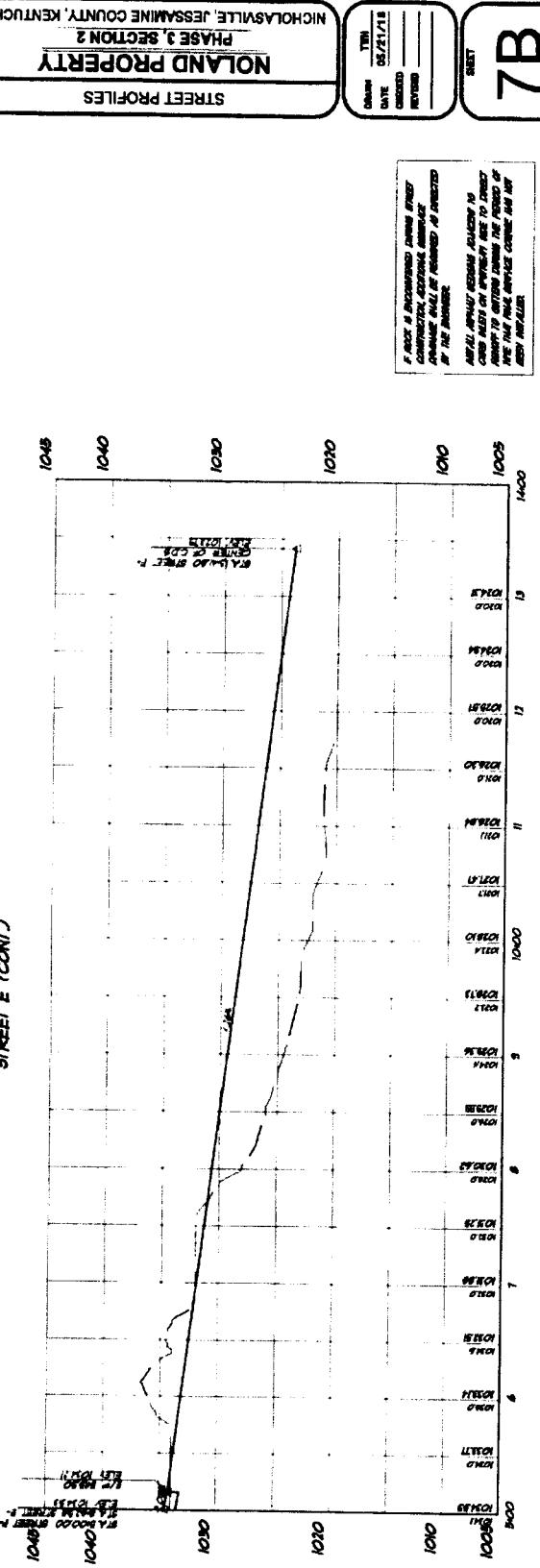
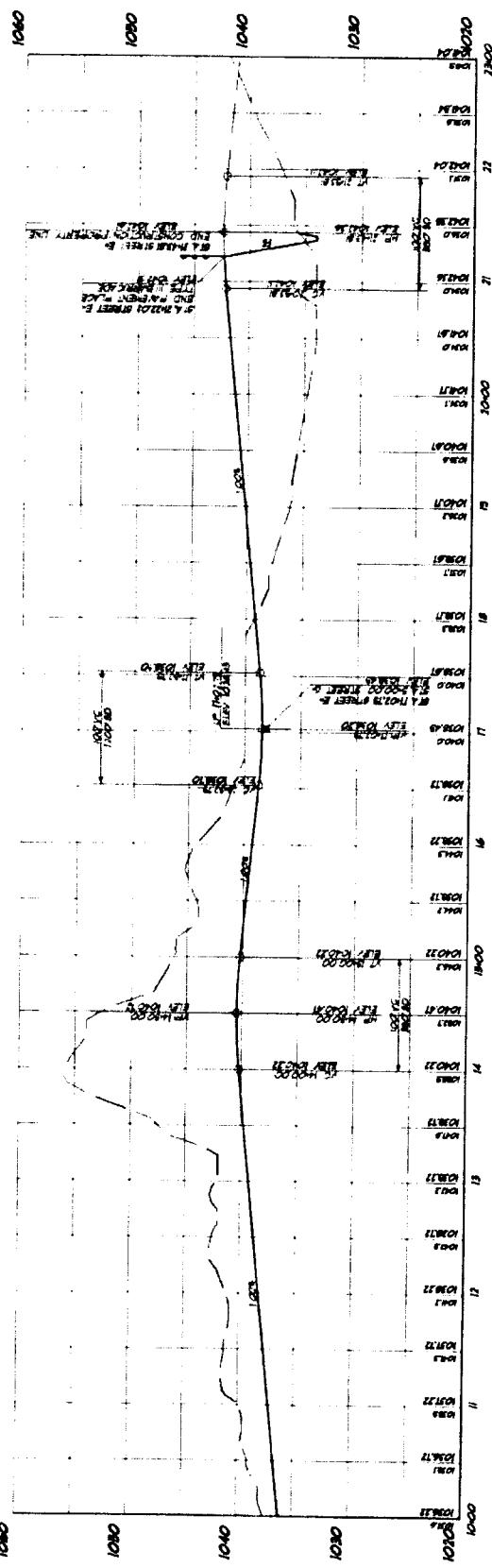
STREET E

STREET D

RED OAK WAY

EMMA KATHERINE LANE





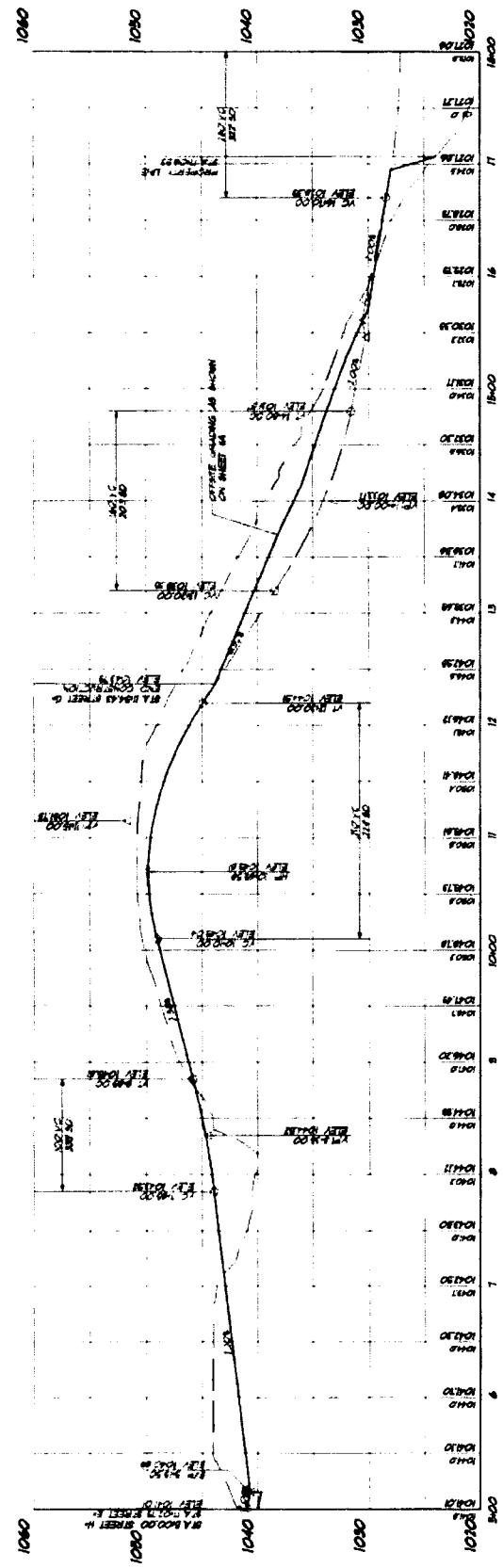
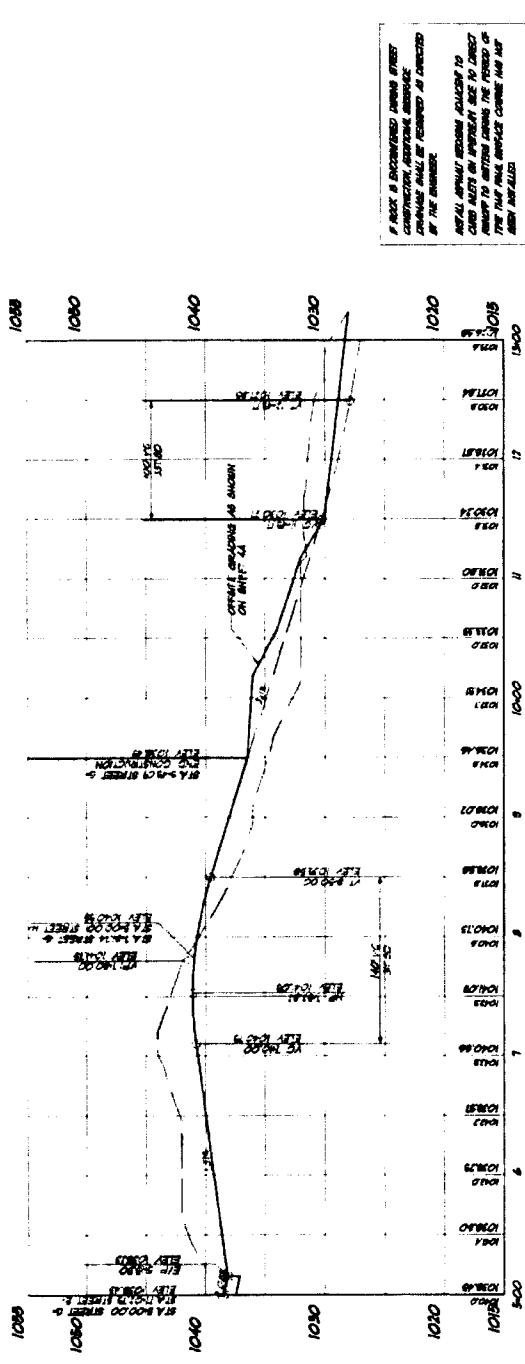
FACSIMILE OF DRAWING SHEET  
CONTRACTOR, ENGINEER, ARCHITECT  
AND OWNER SHALL BE ADVISED  
AS TO WHAT DESIGN CHANGES ARE  
NECESSARY TO SATISFY THE REQUIRE-  
MENTS OF THIS CONTRACT. THE DRAWINGS  
SHALL NOT BE CONSTRUED AS AN  
OFFICIAL CONTRACT.

SCALE: HORIZONTAL  
1:5000 VERTICAL

7B

NAME	THIN
DATE	08/21/18
APPROVED	
SUPERVISOR	

NOLAND PROPERTY  
PHASE 3, SECTION 2  
NICHOLASVILLE, JESSAMINE COUNTY, KENTUCKY  
STREET PROFILES



SCALE:  
1:5000 FT.

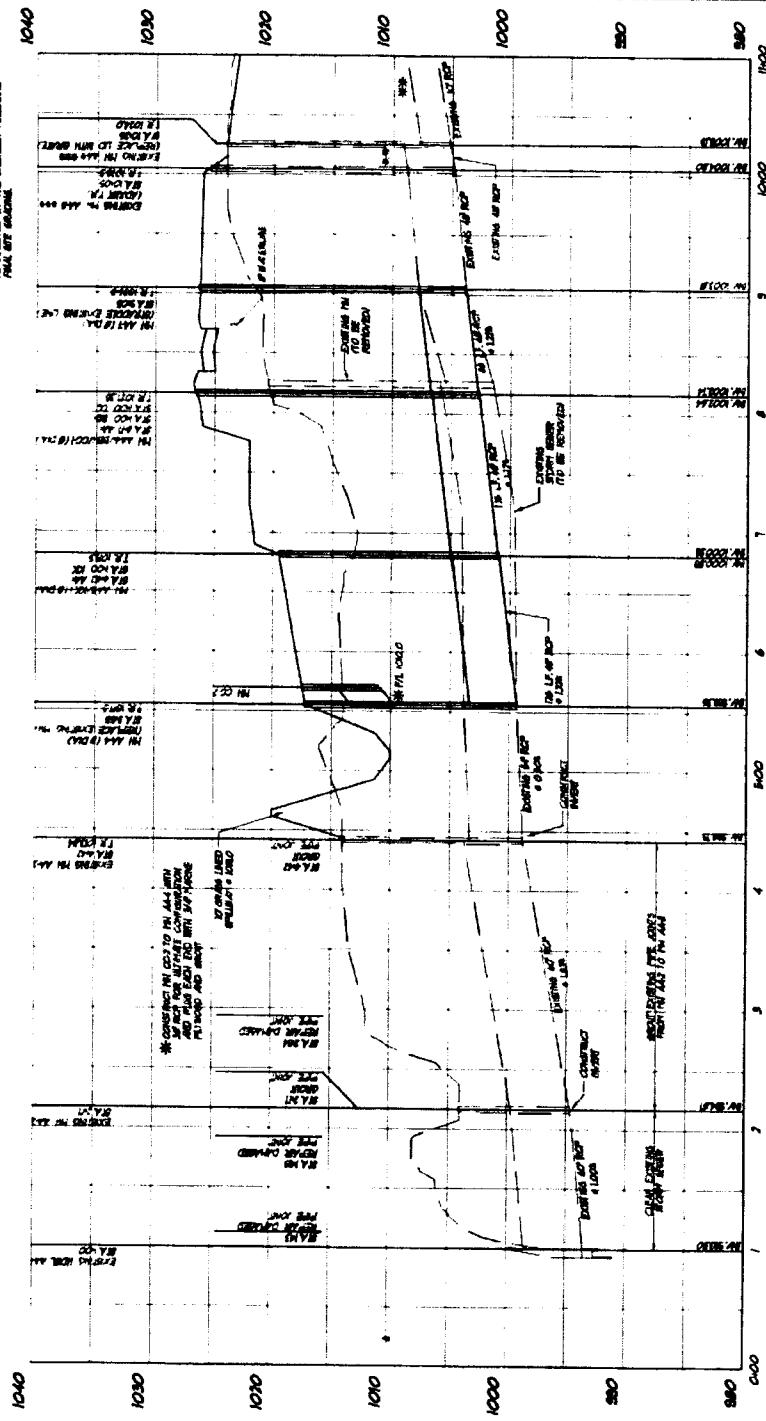
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NOLAND PROPERTY  
STORM SEWER PROFILES  
PHASE 3, SECTION 2  
NICHOLESVILLE, JESSAMINE COUNTY, KENTUCKY

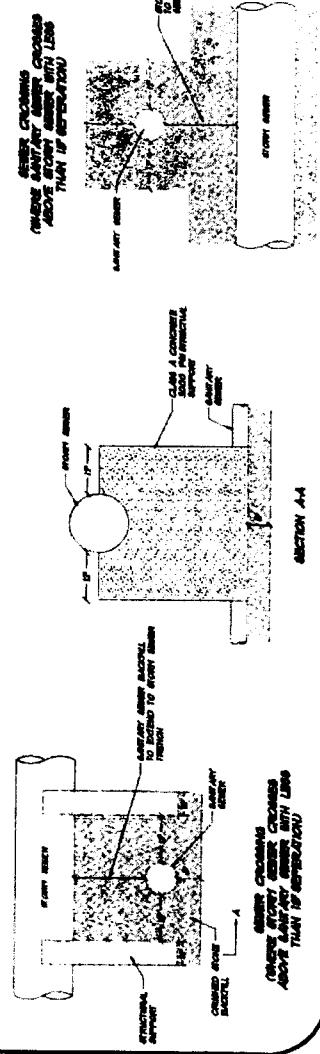
NAME: \_\_\_\_\_  
DATE: 08/21/14  
CHERED: \_\_\_\_\_  
REMOVED: \_\_\_\_\_  
SHEET: \_\_\_\_\_

EA Drawing DLE

\* ALL DRAWINGS ARE THE PROPERTY OF NOLAND PROPERTY, INC.  
\* NO DRAWING IS TO BE COPIED OR REPRODUCED BY ANY MEANS  
\* NO DRAWING IS TO BE USED FOR ANY OTHER PURPOSE THAN  
\* AS SPECIFIED BY THE ENGINEER AND THE ARCHITECT  
\* NO DRAWING IS TO BE PLACED IN PUBLIC PLACES  
\* NO DRAWING IS TO BE MAILED



LINE 44



ALL DRAWINGS ARE THE PROPERTY OF NOLAND PROPERTY, INC.  
NO DRAWING IS TO BE COPIED OR REPRODUCED BY ANY MEANS  
NO DRAWING IS TO BE USED FOR ANY OTHER PURPOSE THAN  
AS SPECIFIED BY THE ENGINEER AND THE ARCHITECT  
NO DRAWING IS TO BE PLACED IN PUBLIC PLACES  
NO DRAWING IS TO BE MAILED

8B

SHEET

PHASE 3 SECTION 2  
NOLAND PROPERTY  
STORM SEWER PROFILES  
MATERIAL  
DATE  
DRAWN  
REVIEWED  
APPROVED

NICHOLSVILLE JESSAMINE COUNTY, KENTUCKY  
PHASE 3 SECTION 2  
NOLAND PROPERTY  
STORM SEWER PROFILES

EA Planning, PLLC  
GENERAL PLANNING & DESIGN  
LANDSCAPE ARCHITECTURE  
ARCHITECTURE  
INTERIOR DESIGN  
PROJECT MANAGEMENT  
CONSTRUCTION SUPERVISION  
ENVIRONMENTAL ASSESSMENT  
WATER & WASTE WATER SYSTEMS  
HAZARDOUS WASTE

NOTE: A PERMIT ISSUED BY THE CITY OF GLENDALE,  
KENTUCKY, IS REQUIRED FOR THE CONSTRUCTION OF  
THE STORM SEWER SYSTEM. THIS DRAWING IS FOR  
THE CONTRACTOR AND CONSULTANT USE ONLY.  
A COPIE OF THE PERMIT IS ATTACHED TO THIS  
DRAWING. THIS DRAWING IS NOT TO BE COPIED  
OR USED FOR ANY PURPOSE OTHER THAN THAT  
FOR WHICH IT WAS ISSUED.

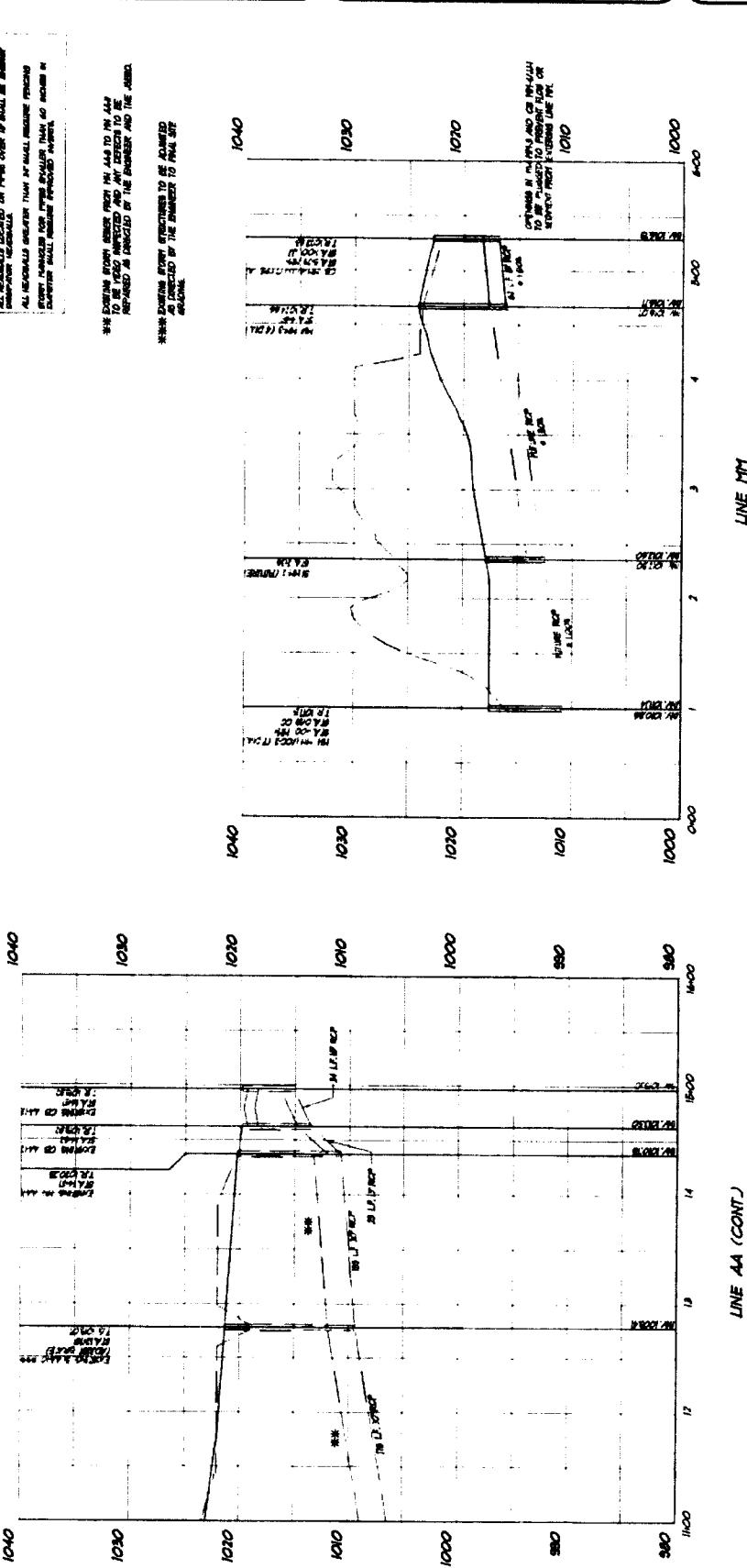
ALL CATCH BINS SHALL HAVE A TEN FOOT THICK BASE.  
ALL CATCH BINS SHALL HAVE A TEN FOOT THICK SLAB.  
ALL MATERIALS LOCATED ON THESE OVER DRAWINGS  
ARE APPROVED MATERIALS.

ALL MATERIALS USED IN EXCESS OF ONE HUNDRED FEET  
TO BE USED INSPECTED AND ANY DEFECTS TO BE  
REPAIRED AS DIRECTED BY THE ENGINEER AND THE OWNER.  
ANY MATERIALS USED IN EXCESS OF ONE HUNDRED FEET  
SHALL NOT BE USED.

\*THIS DRAWING MAY BE AMENDED OR REVISED  
BY THE CONTRACTOR OR ENGINEER.

NOTICE: DRAWINGS ARE TO BE USED FOR CONSTRUCTION  
ONLY. THEY ARE NOT TO BE USED FOR ANY OTHER  
PURPOSE. THEY ARE NOT TO BE COPIED OR  
MAILED OUT. THEY ARE THE PROPERTY OF THE  
ENGINEER AND ARE TO BE KEPT IN A SECURE  
LOCATION. THEY ARE TO BE RETURNED TO THE  
ENGINEER WHEN FINISHED.

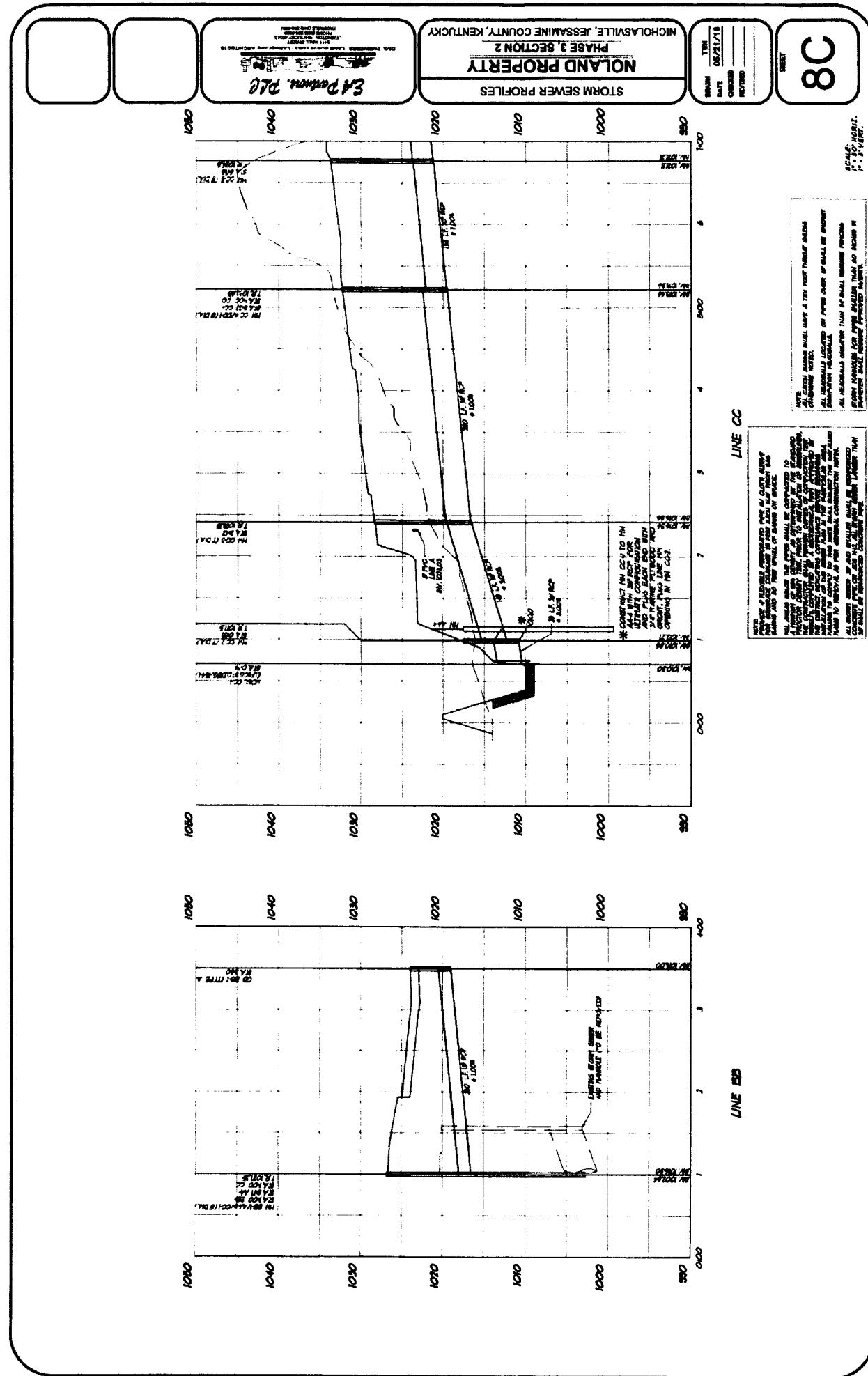
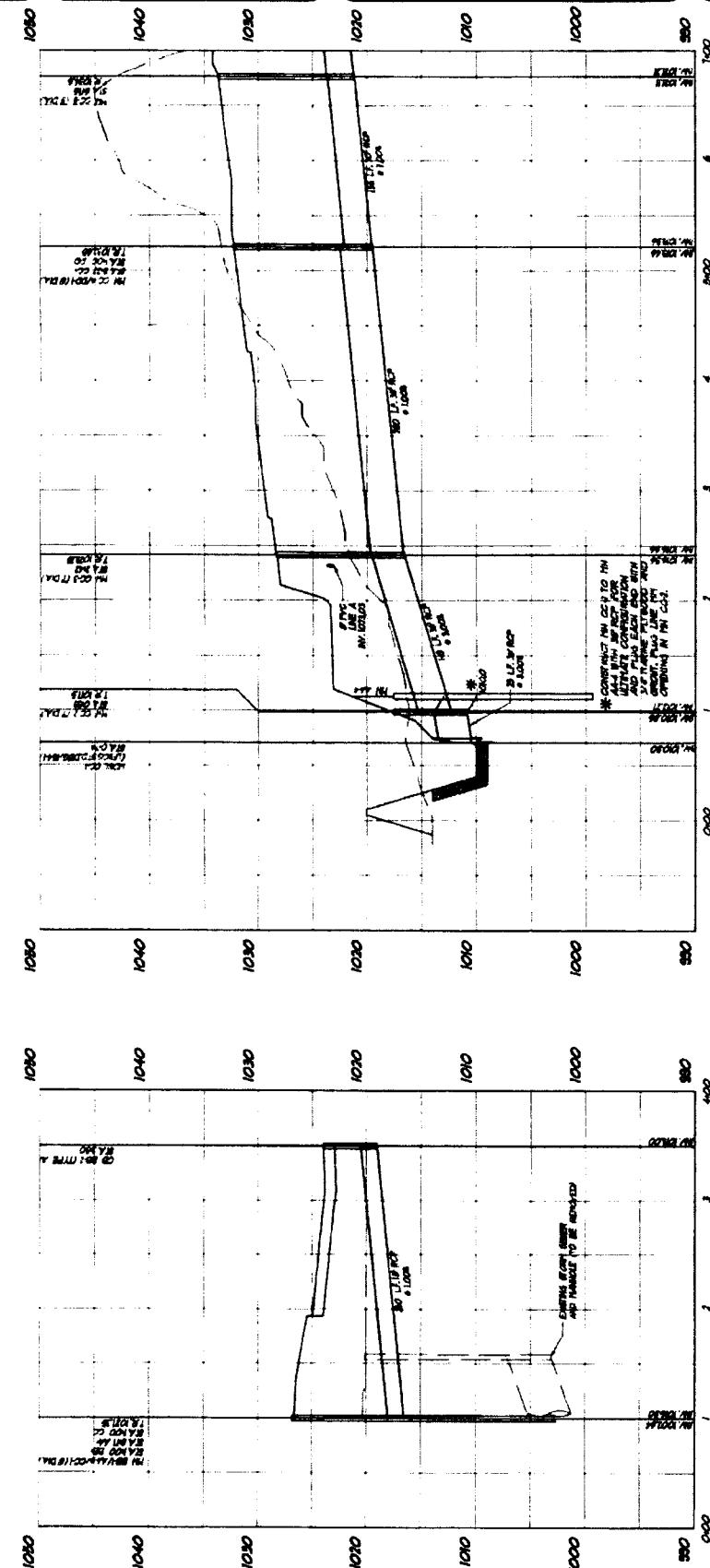
\*THIS DRAWING MAY BE AMENDED OR REVISED  
BY THE CONTRACTOR OR ENGINEER.



8C

NAME \_\_\_\_\_  
 DATE \_\_\_\_\_  
 OWNER \_\_\_\_\_  
 REVISER \_\_\_\_\_  
 SHEET \_\_\_\_\_

NOLAND PROPERY  
 STORM SEWER PROFILES  
 PHASE 3, SECTION 2  
 MICHOLSVILLE, JESSAMINE COUNTY, KENTUCKY



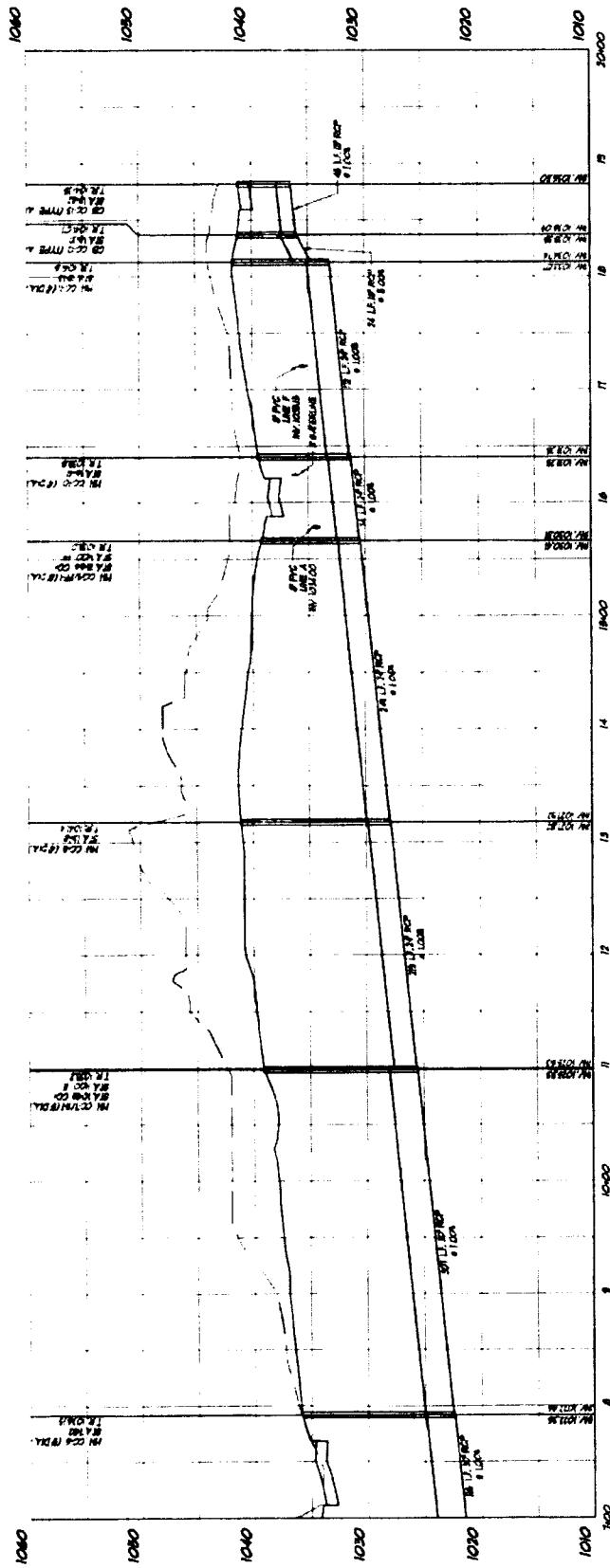
8D

SCALE: 1/8 INCH =  
10 FEET

THU	05/21/11
SITE	
DESIGNER	
REVIEWER	

NOLAND PROPERTY  
PHASE 3, SECTION 2  
NICHOASVILLE, JESSAMINE COUNTY, KENTUCKY  
STORM SEWER PROFILES

EA Purdon, PLS



LINE CC (CONT.)

8E

H-514

NAME
DATE
CREATED
REVIEWED
SHEET

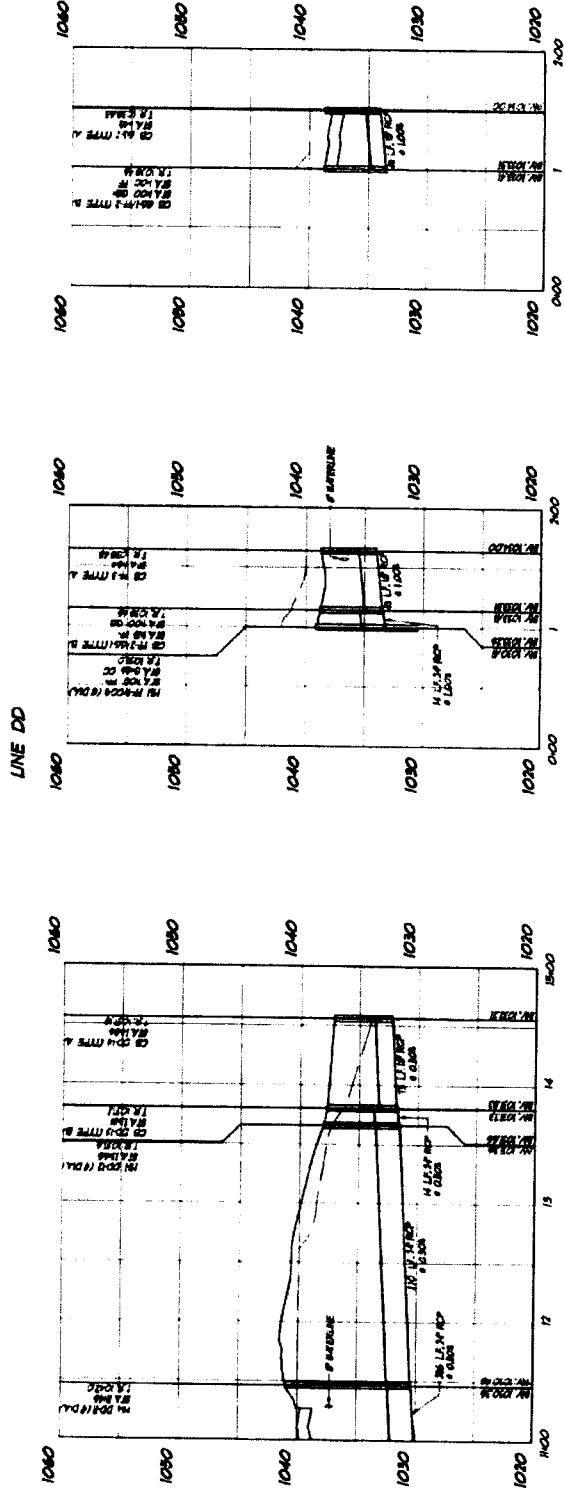
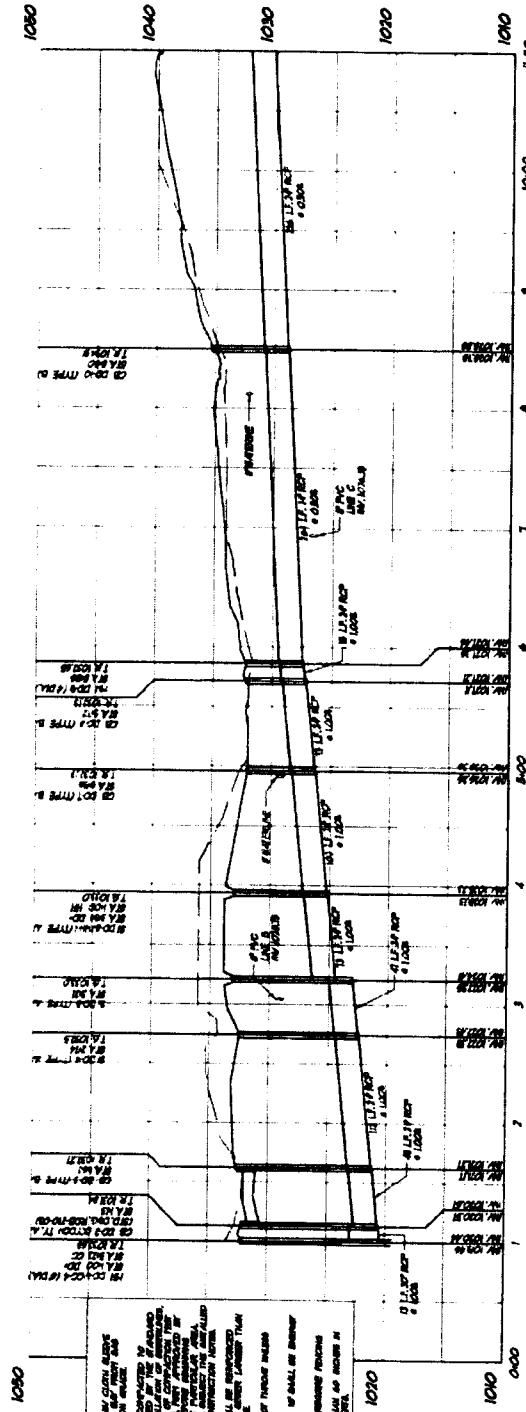
## STORM SEWER PROFILES

NOLAND PROPERTY

PHASE 3, SECTION 2

EA Pudding, PA

NICHOLASVILLE, JESSAMINE COUNTY, KENTUCKY



8F

SHEET  
1  
8

LINE KK

LINE JJ

LINE LL

LINE MM

NOLAND PROPERTY

SECTION 2

PHASE 3, SECTION 2

MICHOLASVILLE, JESSAMINE COUNTY, KENTUCKY

STORM SEWER PROFILES

DATE

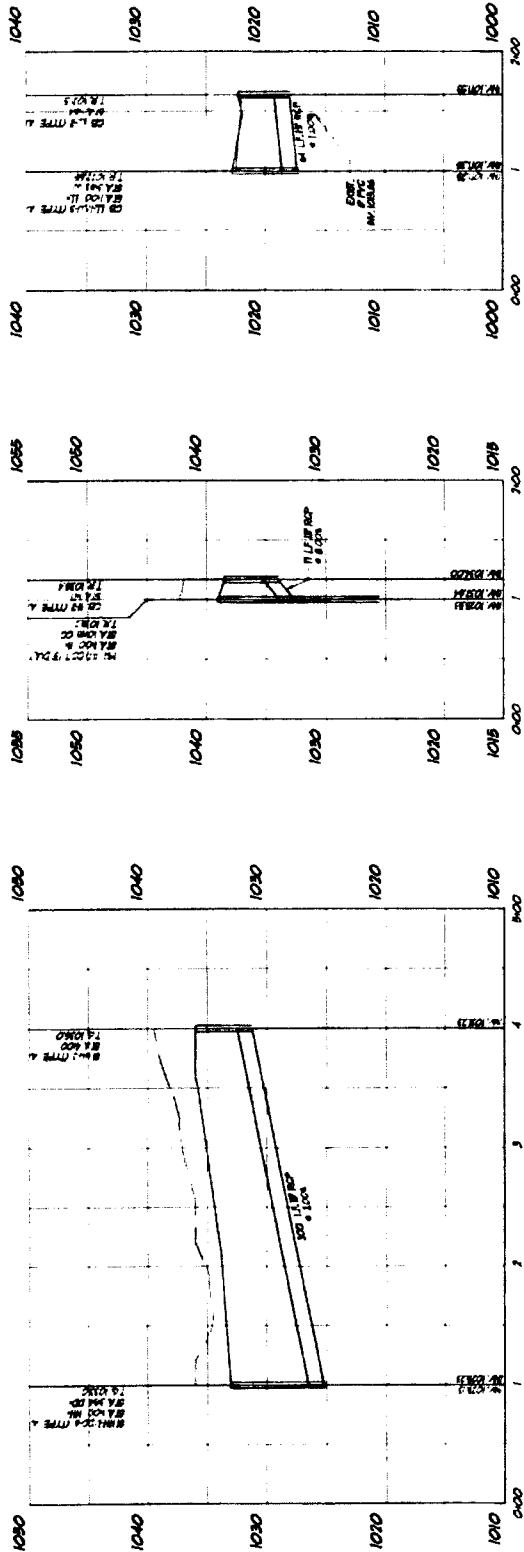
05/21/12

CREDITS

REVISION

SHEET

8



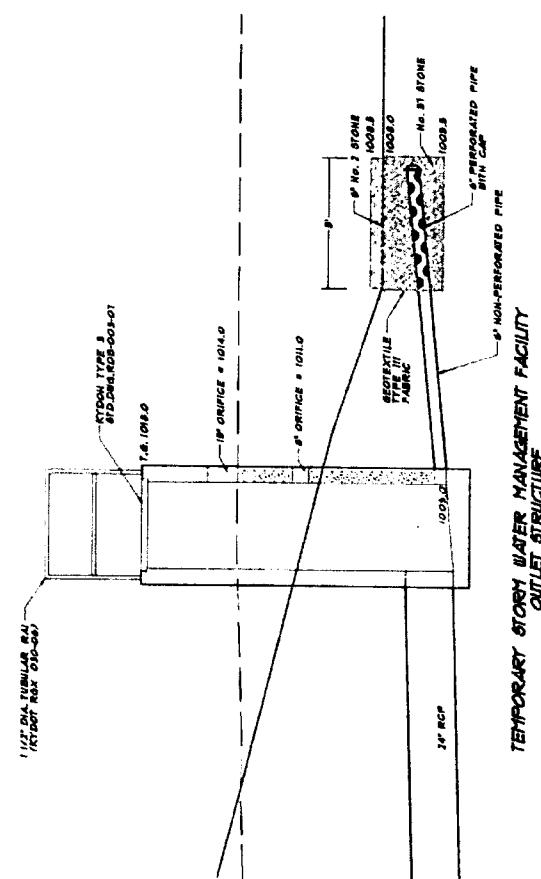
*Note: Catch basins located on both sides of the line. All catch basins have a 10' foot throat. All manholes located on both sides of the line. All manholes greater than 30' apart receive storm drainage from areas no closer than 10' from the manhole. All manholes smaller than 30' apart receive storm drainage from areas no closer than 5' from the manhole.*

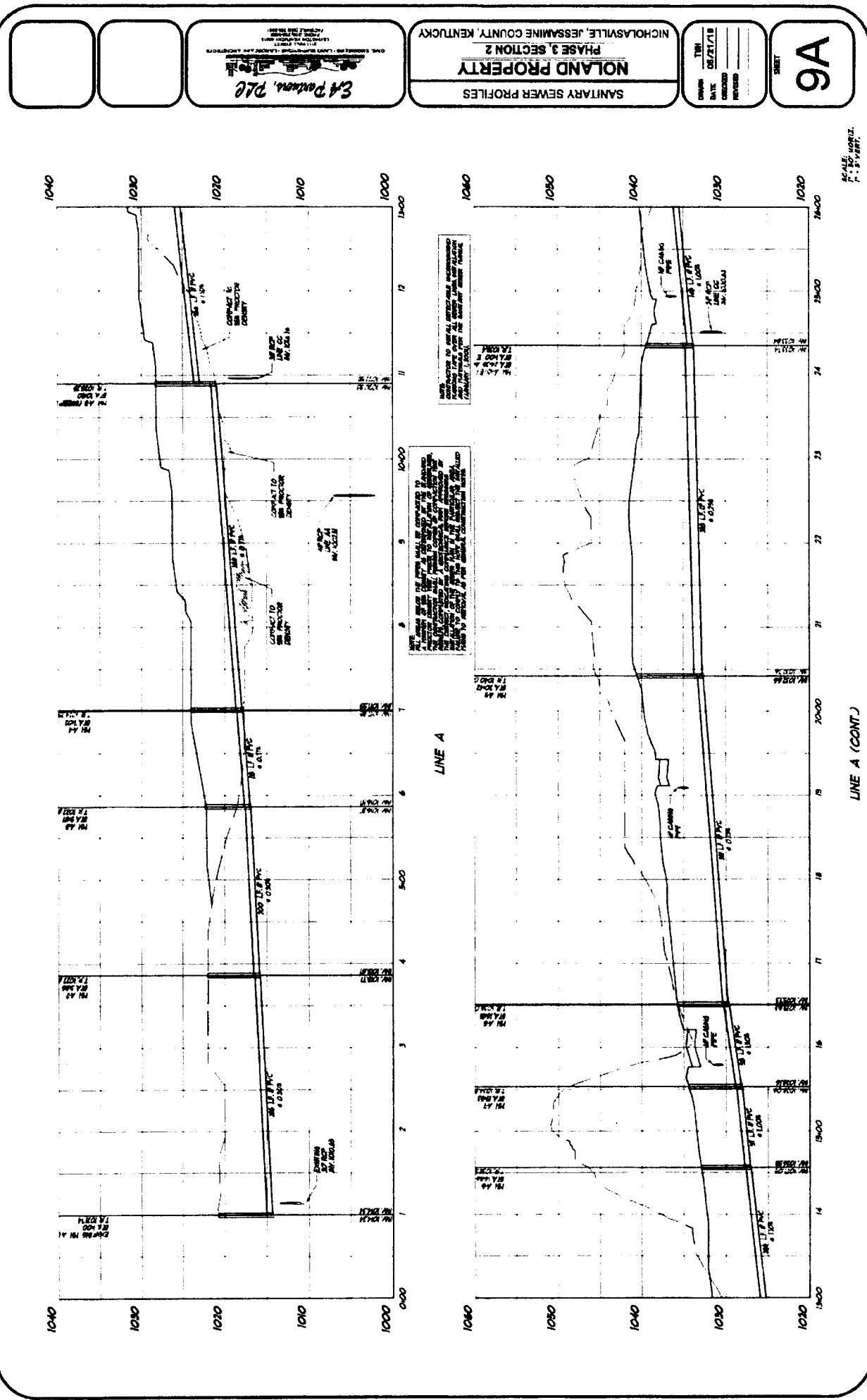
EA portion, PL

NOLAND PROPERTY  
PHASE 3, SECTION 2  
NICHOLSVILLE, JESSAMINE COUNTY, KENTUCKY  
OUTLET STRUCTURE DETAIL

DATE: 08/21/16  
NAME: [REDACTED]  
GRADE: [REDACTED]  
OWNER: [REDACTED]

8G





9B

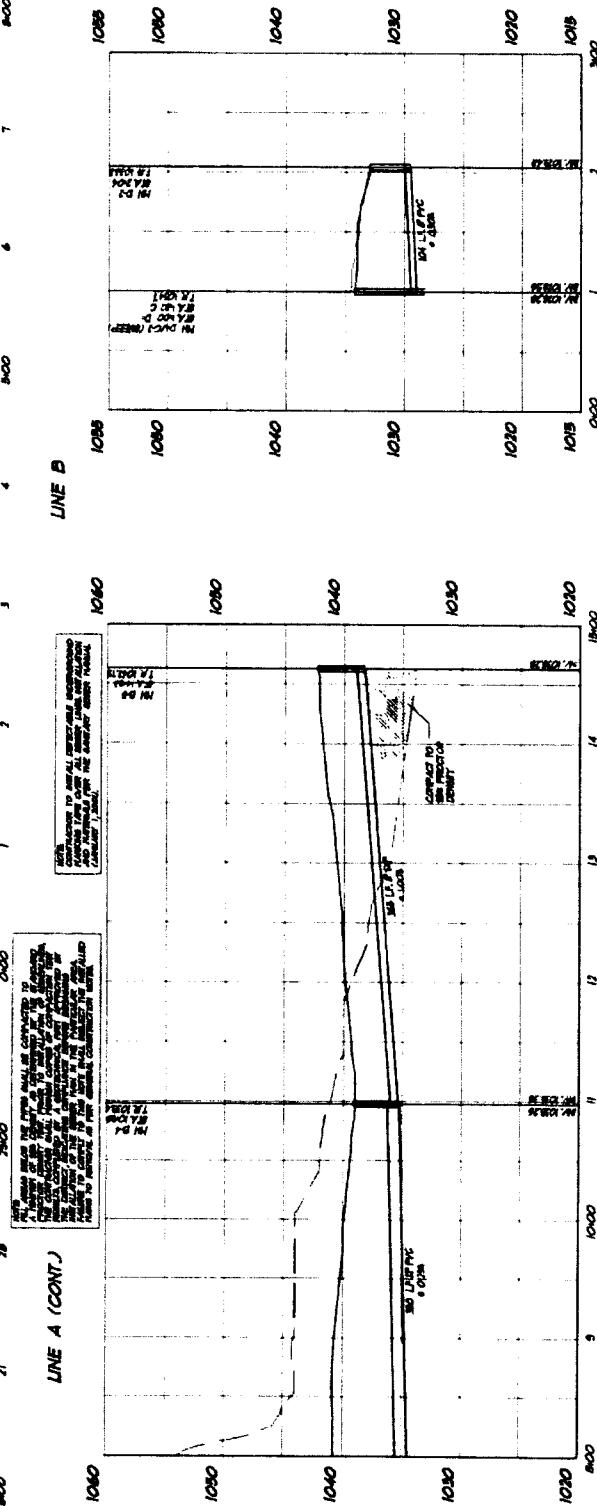
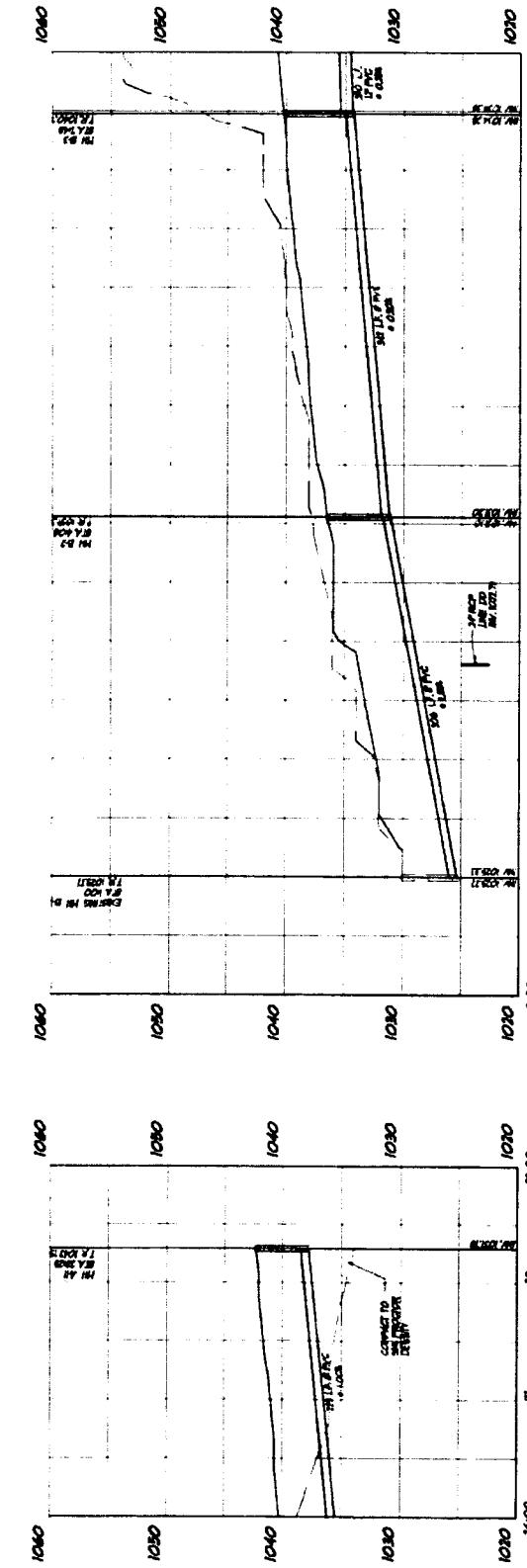
SCALE  
1:1000 HORIZONTAL  
1:100 VERTICAL

LINE D

LINE B (CONT.)

NOLAND PROPERTY  
SANTILARY SEWER PROFILES  
PHASE 3, SECTION 2  
NICHOLSVILLE, JESSAMINE COUNTY, KENTUCKY

THI  
DATE  
DRAWER  
REVISER  
SHEET



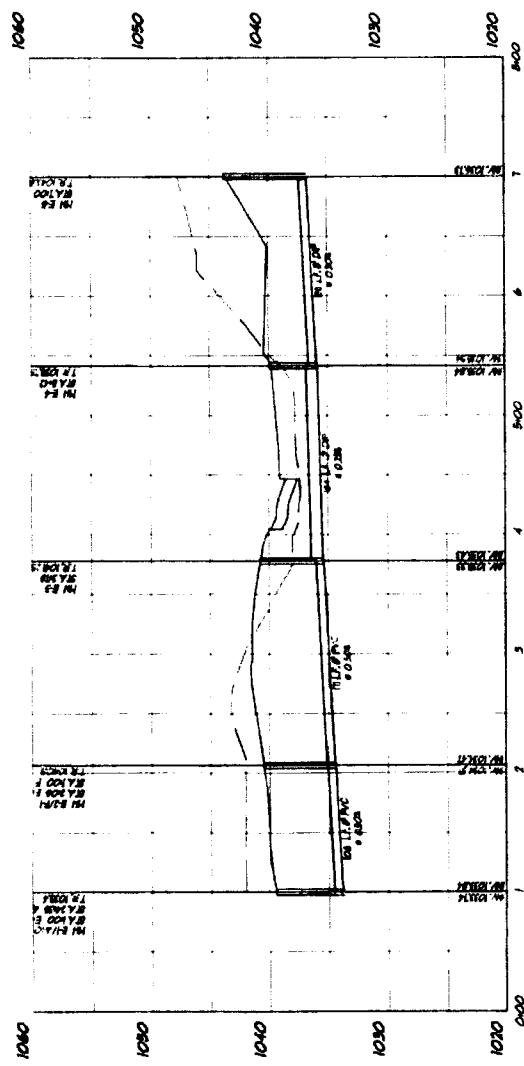
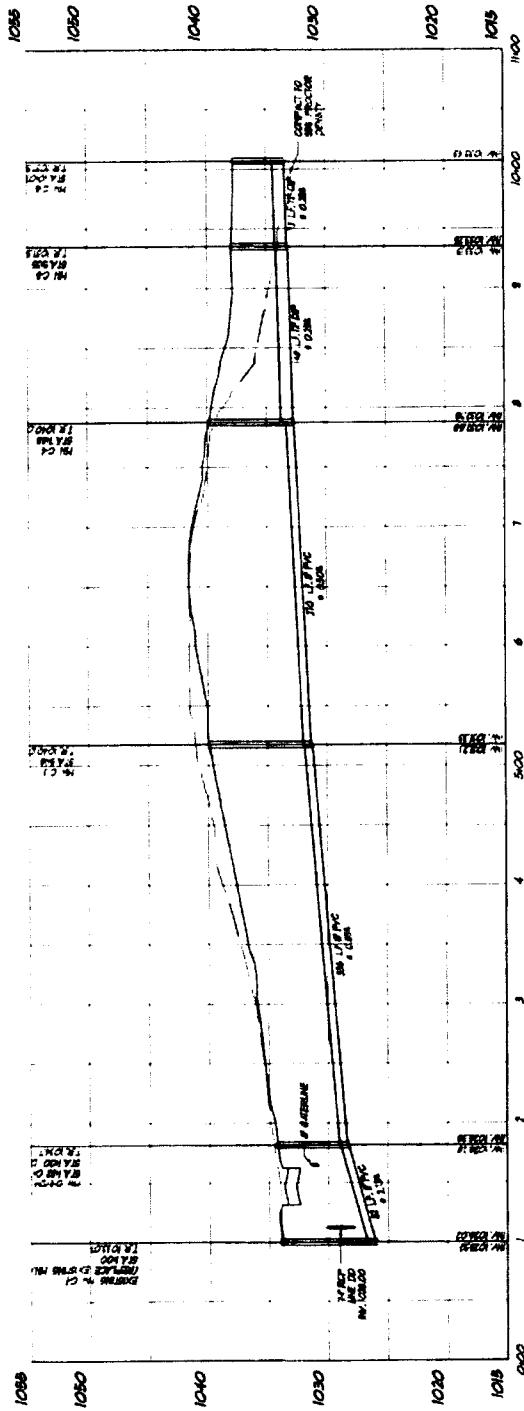
E&Patum, PLC

NOLAND PROPERTY  
SANITARY SEWER PROFILES  
PHASE 3, SECTION 2  
NICHOASVILLE, MESSMINE COUNTY, KENTUCKY

LINE  
DATE  
NAME  
NUMBER

9C

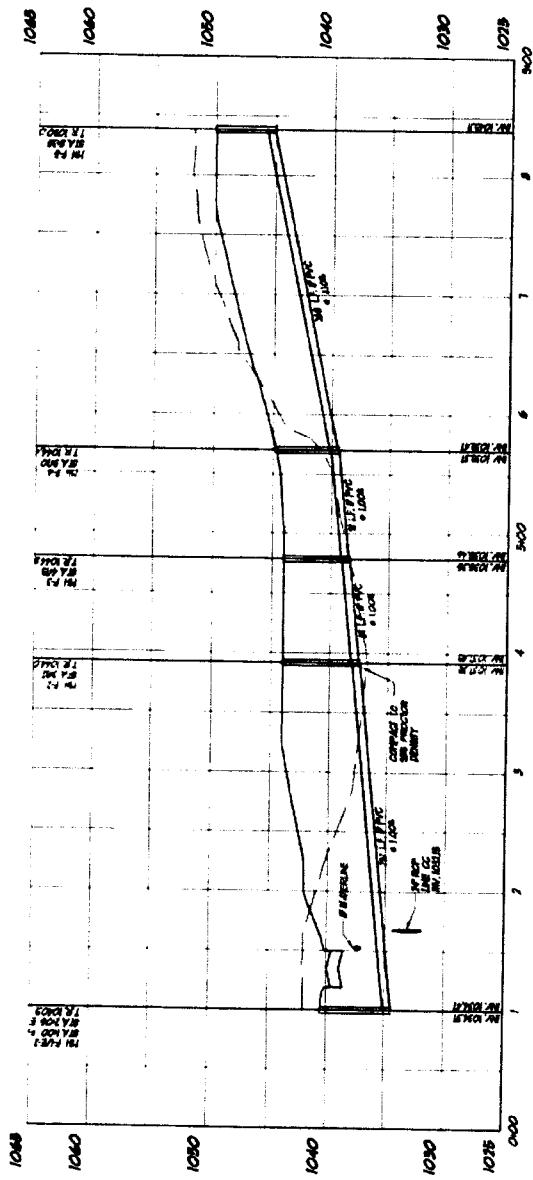
SCALE: 1/8 INCH = 50 FEET



9D

SCALE: HORIZONTAL  
1" = 50' VERTICAL  
1" = 10'

LINE F



SANITARY SEWER PROFILES

NOLAND PROPERTY

PHASE 3 SECTION 2

NICHOOLSVILLE, JESSAMINE COUNTY, KENTUCKY

NAME	DATE
RECORDED	APR 21 / 84
APPROVED	

E&amp;P Surveyors, PLLC

111 Main Street • Suite 100 • Frankfort, KY 40601 • (502) 223-1234

FAX: (502) 223-1235 • E-mail: info@epsurveyors.com

## A. SITE DESCRIPTION

The project known as Noland Property Phase 1, Section 2, is a 40 acre residential development located north of Gray Oak Lane and northeast of Brannon Meadow Way and the existing Brannon Crossing Phase 1 Subdivision. The project will involve the disturbance of approximately 40 acres.

The site has previously been removed of trees and brush. Runoff from the site discharge storm sewer into a basin adjacent to the Gray Oak Lane. Surface ditches have dirt checks and surface inlets and outlet basins are promoted by dirt checks. All erosion control features shall be relatively durable and shall remain in place until 65% of the watershed development is completed.

Upon completion of the project, the action basin shall be protected by dirt fence. Once houses and associated drainage basins are established on the site, the dirt checks and traps at the corners removed. The dirt checks and traps shall remain in place until the upgradient is completed and approved by the Engineer.

## B. SEDIMENT AND EROSION CONTROL MEASURES

- i) Prior to mobilization, oil tree protection fence and dirt fence shall be installed.
- 2) Site fences and access roads shall be constructed in accordance with detail shown on Sheet 11 unless otherwise specified.
- 3) The construction entrance(s) and be constructed during the first phases of the mobilization.

## C. STORM WATER MANAGEMENT

- 1) Topsoil stockpiles and borrow areas shall be surrounded by dirt fences, re-seeded, and placed where soil erosion will not leave the site.
- 2) Site traps shall be cleaned out when 1/3 of the disturbed area has been disturbed. All traps shall be cleaned out when 1/3 of the disturbed area has been disturbed in a location which is protected by dirt fence.
- 3) Upon completion of the project, the action basin shall be protected by the Owner. Once houses and associated drainage basins are established on the site, the dirt checks and traps at the corners removed. The dirt checks and traps shall remain in place until the upgradient is completed and approved by the Engineer.
- 4) All erosion control measures shall remain in place until established on Sheet 11 unless otherwise specified.

## D. OTHER CONTROL MEASURES

- 1) No solids, including building materials, shall be allowed to discharge into waters of the Commonwealth.
- 2) Sediment from vehicles, vehicles and equipment, and tracked onto adjoining roadsides shall be cleaned off immediately.
- 3) Sanitary and waste disposal shall comply with the project specifications, or applicable state or local regulations.
- 4) An area shall be dedicated for employee parking and storage of materials. The area shall be maintained throughout the project and, if necessary, by the developer covered with stone to prevent erosion.
- 5) The earthmoving regeneration shall be preserved where possible.
- 6) All disturbed areas shall be stabilized. Permanent stabilization and begin within 14 days of completion of activities. Temporary stabilization shall be provided in portions of the site that remain inactive for more than 14 days. Measures may include seedling, mulching, dirt fence, straw, straw air checks, and armoring of dirt fence or slope by the Engineer and the KY Dept. of Natural Resources.
- 7) If grading occurs during the winter months, the use of winter salt or other recommended salt should be considered. When selected controls prohibit the use of salt, non-reactive stabilization practices such as mulching and netting shall be used until such time as conditions permit.
- 8) Upon completion of the downstream segments of the storm sewer system, the actions dirt checks shown on the contract shall be constructed.
- 9) All surface waters in the yard areas shall be protected from sediment using the modified dirt check as shown on the plan. The modified dirt check shall be installed when the grading around the areas is complete.
- 10) The performance of the erosion control plan shall be monitored weekly and following each significant rainfall in excess of 1/2". The dirt control devices are to be inspected, cleaned and repaired, if necessary, until completion of the project.
- 11) Dirt fence and be dredged out/repaired when dirt build up reaches 1/3 of the fence height.

- 5) Control measures shall be impacted to ensure correct operation, accessible discharge locations shall be impacted to insure that velocity dislodgement devices are effective in preventing significant impacts to receiving waters.

- 6) Disturbed areas and material storage areas that are exposed to precipitation and be impacted for exposure of, or the potential for, pollutants entering the drainage system.

- 7) Upon completion of the project, the action basin shall be protected by the Owner. Once houses and associated drainage basins are established on the site, the dirt checks and traps at the corners removed. The dirt checks and traps shall remain in place until the upgradient is completed and approved by the Engineer.

- 8) The inspection reports shall be provided to the Engineer for incorporation into the Best Management Practices Plan. Engineer shall furnish copy of oil inspection Reports to the City of Nicholasville and Jessamine-South Elkhorn Water District.

## E. NON-STORM WATER DISCHARGES

- 1) The site shall be maintained in a manner such that non-storm water discharges including ledges/spills, hydraulic fluid, antifreeze, Brake Fluid, Oil, etc.) shall be prevented from entering the receiving water body. If necessary, the prevention device shall be maintained in accordance with the applicable DEQ Division of Water and the Bell Homes, LLC HAZMAT Booklet.
- 2) A non-stormwater spill, accident, release or discharge occur, the DEQ and Division of Water shall be notified within 24 hours.
- 3) The only non-storm water discharges which are permitted are those from fire fighting activities, fire hydrant flushing, portable water tanks, water line flushing, fire-fighting or fire-watering, detergent free building or pavement washing, spray or use of compressed air, or any other use of water which does not contain oil, grease, or any other contaminant, or ground water sources.

## F. MAINTENANCE

- 1) Refer to Section B for discussion of maintenance of the sediment control features.
- 2) Refer to Section B for discussion of responsibilities of the contractor and subcontractor.
- 3) All work within the sedimentation basin shall be submitted to the Engineer for review. The Engineer shall issue a copy of the contractor's responsibility list and a copy of each executed certification sheet to the City of Nicholasville and to the Jessamine South Elkhorn Water District prior to construction.

## G. INSPECTION

- 1) Refer to Section B for discussion of responsibilities of the sediment control features.
- 2) The inspection shall be performed by qualified representatives of the Engineer or the Developer.
- 3) The findings of the inspections shall be hand delivered or faxed to the Contractor or Developer.
- 4) Revisions to the Best Management Practices Plan based on the results of an inspection shall be implemented within 10 seven days.



10

## ROCK CHECK DAM

SECTION ACROSS CHANNEL



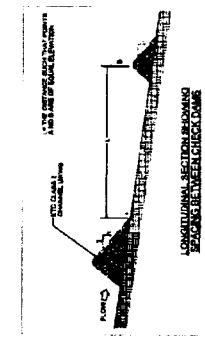
## SEDIMENT TRAP DETAIL



NICHOLSVILLE JESSEMANE COUNTY, KENTUCKY  
PHASE 3 SECTION 2  
NOLAND PROPERTY  
BEST MANAGEMENT PRACTICES DETAILS  
EA Powers, PLLC

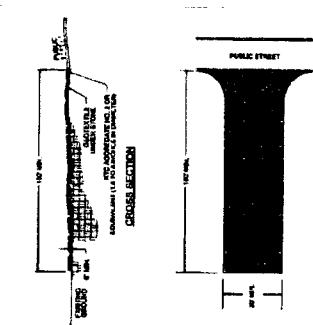
TM  
DATE  
DRAWN  
REVIEWED  
SHEET

## SILT FENCE DETAIL

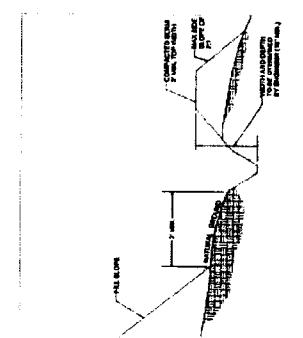


## TEMPORARY SILT FENCE GENERAL NOTES

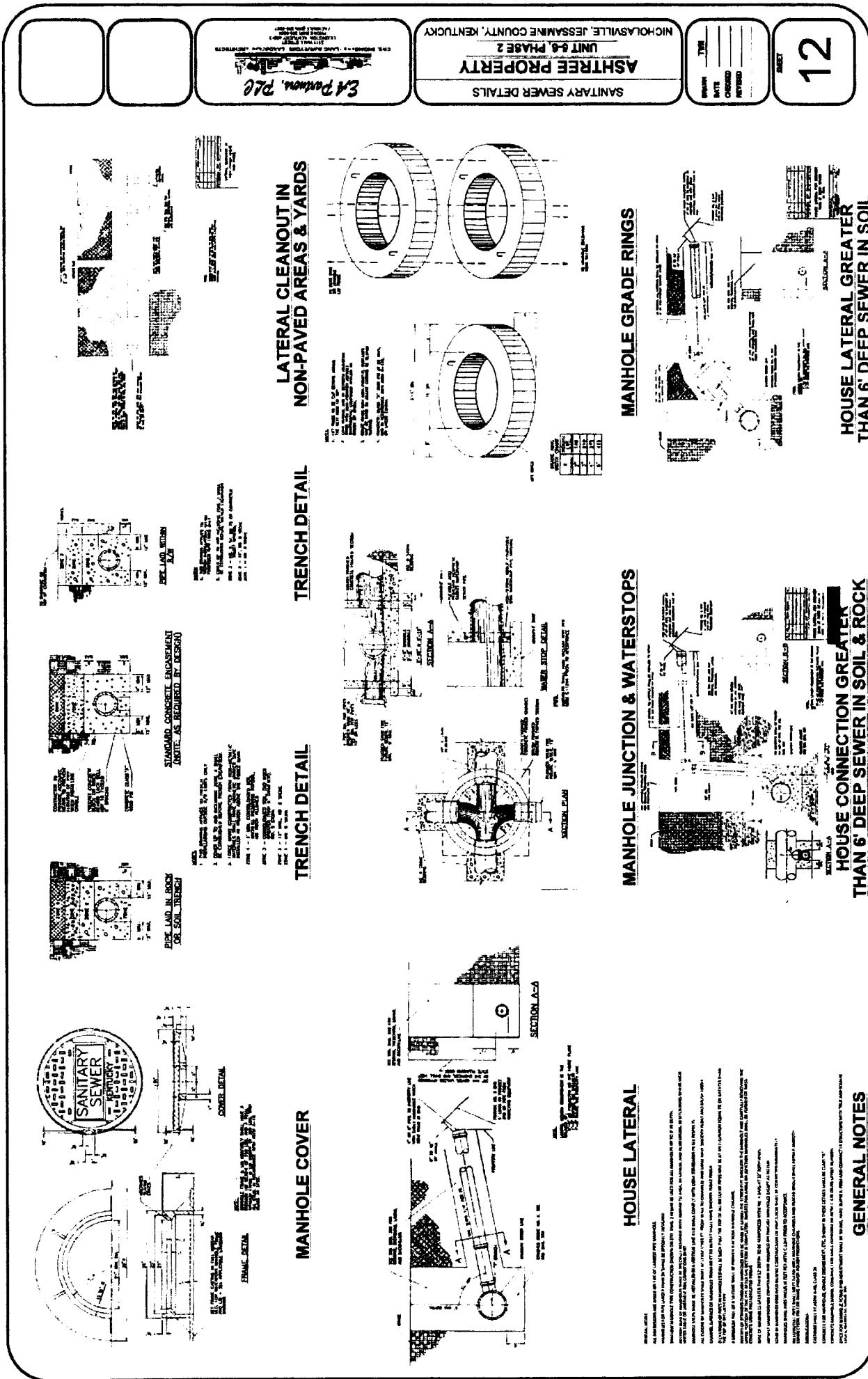
- GENERAL NOTES**
1. TEMPORARY SILT FENCE CONSTRUCTION AND USE ARE SUBJECT TO THE REQUIREMENTS OF THE STATE OF KENTUCKY'S EARTHMOVING ACT AND THE USE OF APPROPRIATE EQUIPMENT.
  2. NOVEL SITES REQUIRING A SPECIALIZED DESIGN SHOULD BE REFERRED TO A CONSULTANT.
  3. NOVEL SITES MAY REQUIRE A SPECIALIZED DESIGN.
  4. STEEL POSTS SHALL NOT PROJECT FROM THE GROUND SURFACE. STEEL POSTS SHALL NOT PROJECT FROM THE GROUND SURFACE.
  5. WOODEN SLEEVES, BRACKETS AND SCREWS ON EQUIPMENT, STEEL POSTS, ETC.
  6. NOVEL SITES REQUIRING A SPECIALIZED DESIGN SHOULD BE REFERRED TO A CONSULTANT.
  7. NOVEL SITES REQUIRING A SPECIALIZED DESIGN SHOULD BE REFERRED TO A CONSULTANT.
  8. NOVEL SITES REQUIRING A SPECIALIZED DESIGN SHOULD BE REFERRED TO A CONSULTANT.
  9. NOVEL SITES REQUIRING A SPECIALIZED DESIGN SHOULD BE REFERRED TO A CONSULTANT.
  10. NOVEL SITES REQUIRING A SPECIALIZED DESIGN SHOULD BE REFERRED TO A CONSULTANT.



## CONSTRUCTION ENTRANCE

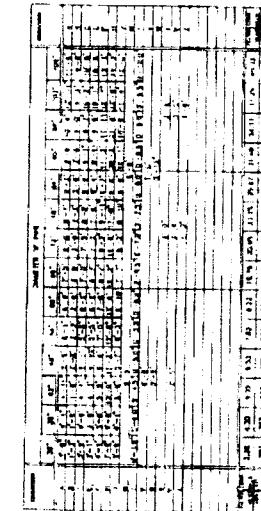


## TEMPORARY DIVERSION DITCH

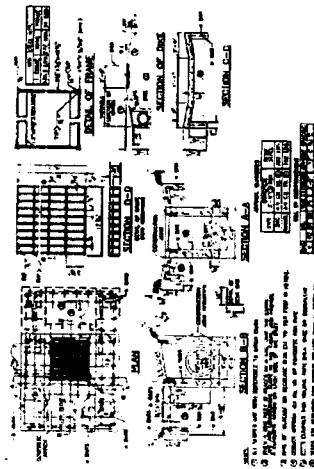


ASHTREE PROPERTY  
STORM SEWER DETAILS  
UNIT 56 PHASE 2  
NICHOLASVILLE, ESSEX COUNTY, KENTUCKY

### PIPE CULVERT HEADWALLS

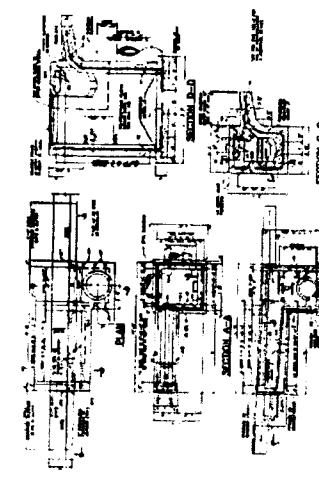


### PIPE CULVERT DIAMETERS

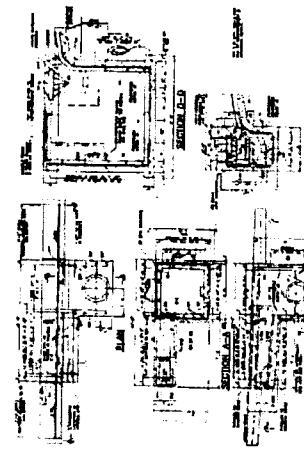


SURFACE INLET TYPE "A"

### STORM SEWER MANHOLE CIRC. SLABS (6'-0")

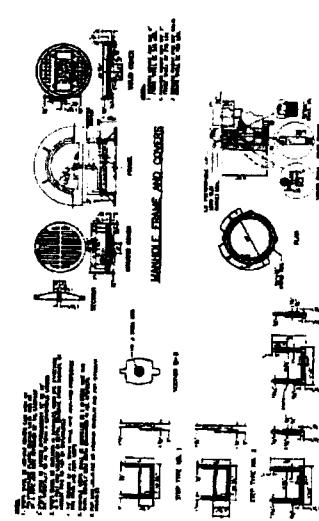


### CURB BOX INLET TYPE "A"

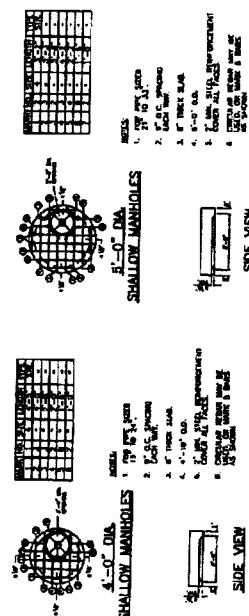


CURB BOX INLET TYPE "B"

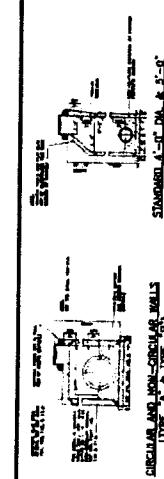
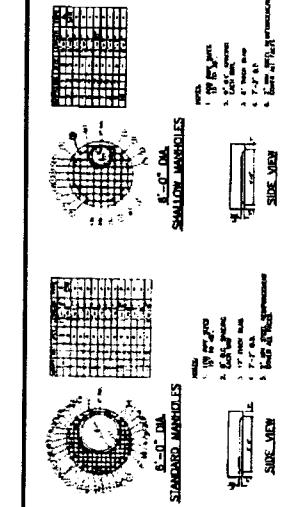
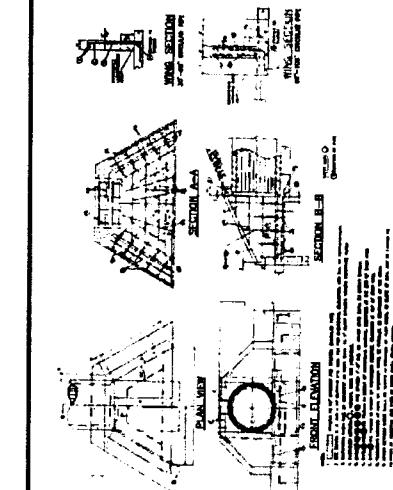
### STORM SEWER MANHOLES



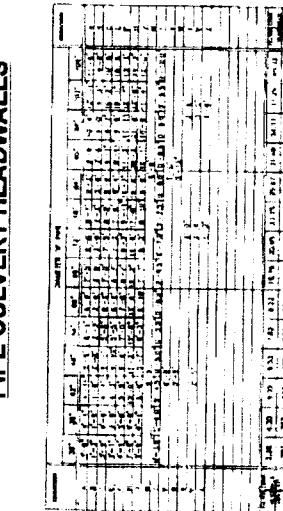
### MANHOLE FRAMES, COVERS, & STEPS



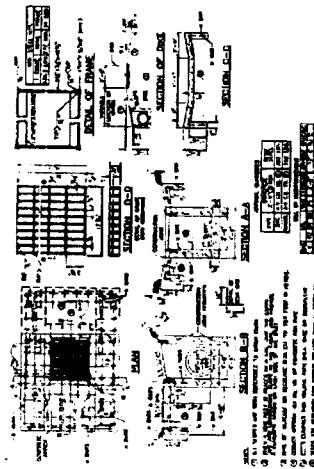
STORM SEWER MANHOLE CIRC. SLABS (4'-0" & 5'-0")



### STORM SEWER MANHOLE CIRC. SLABS (6'-0")

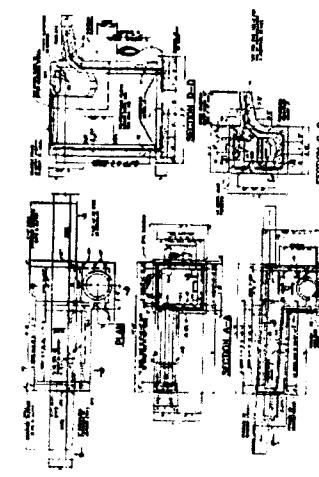


### PIPE CULVERT HEADWALLS

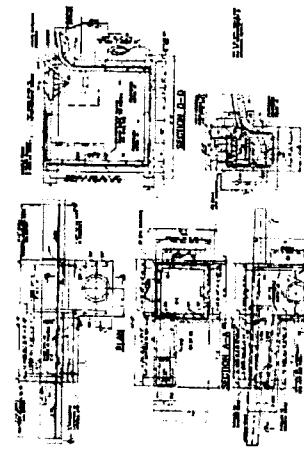


SURFACE INLET TYPE "A"

### STORM SEWER MANHOLE CIRC. SLABS (6'-0")

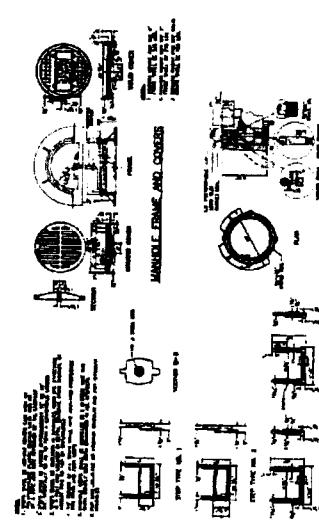


### CURB BOX INLET TYPE "A"

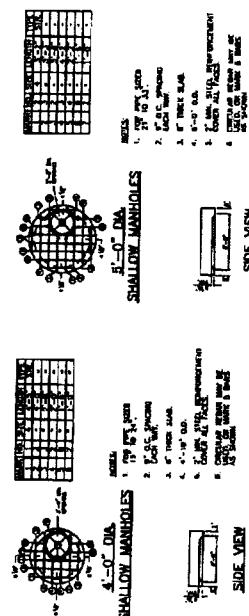


CURB BOX INLET TYPE "B"

### STORM SEWER MANHOLES



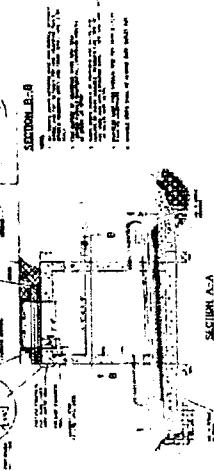
### MANHOLE FRAMES, COVERS, & STEPS



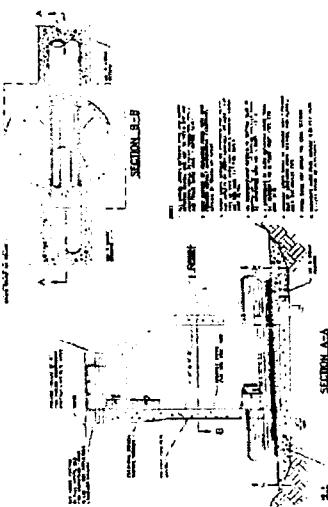
STORM SEWER MANHOLE CIRC. SLABS (4'-0" & 5'-0")

14

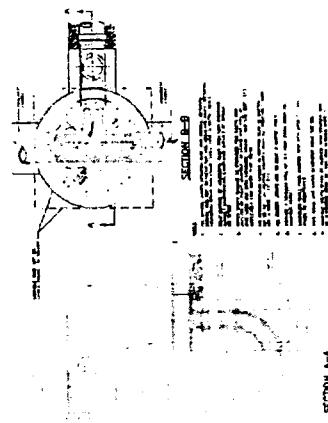
**SHALLOW MANHOLE  
15"-36" PIPES**



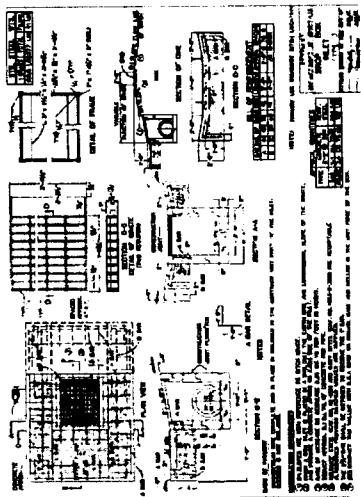
**MANHOLE  
15"-36" PIPES**



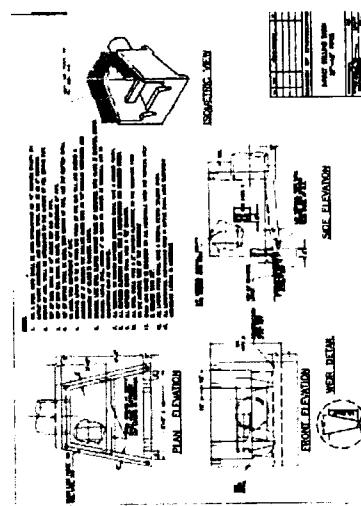
**DROP MANHOLE  
15"-36" PIPES**



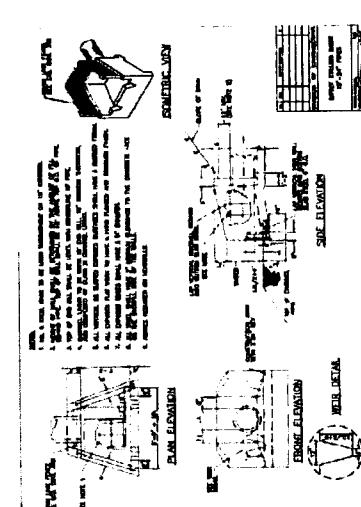
ASHTREE PROPERTY  
STORM SEWER DETAILS  
UNIT 5-6 PHASE 2  
NICHOLASVILLE, JESSAMINE COUNTY, KENTUCKY



**DROP BOX INLET  
TYPE 3**



**IMPACT STILLING BASIN  
27" - 48" PIPES**



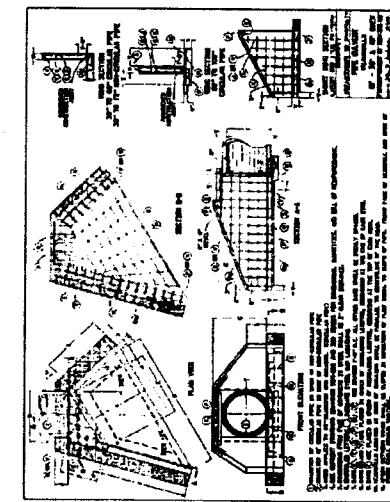
**IMPACT STILLING BASIN  
15" - 24" PIPES**

15

100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

ASHTREE PROPERTY  
UNIT 66 PHASE 2  
NICHOLSVILLE, JESSAMINE COUNTY, KENTUCKY  
STORM SEWER DETAILS

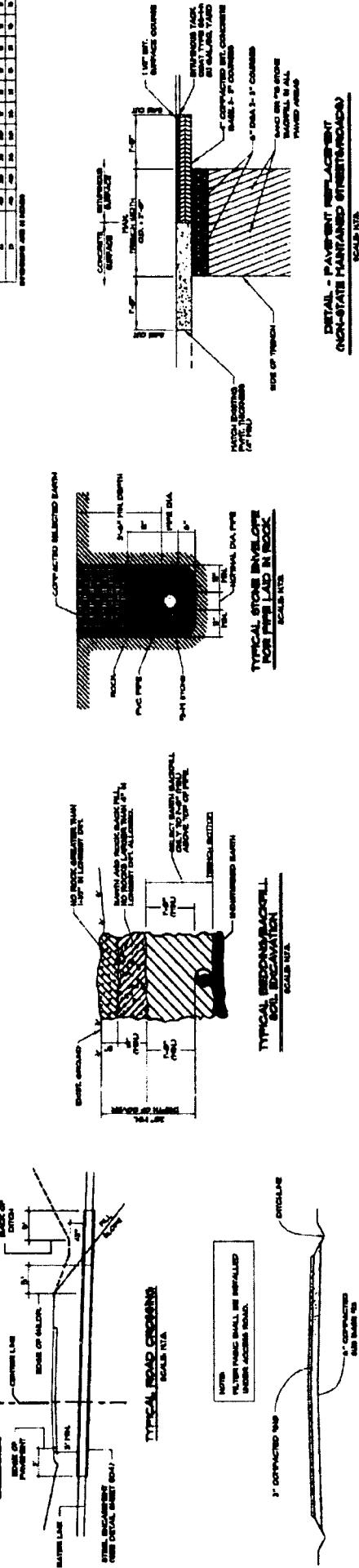
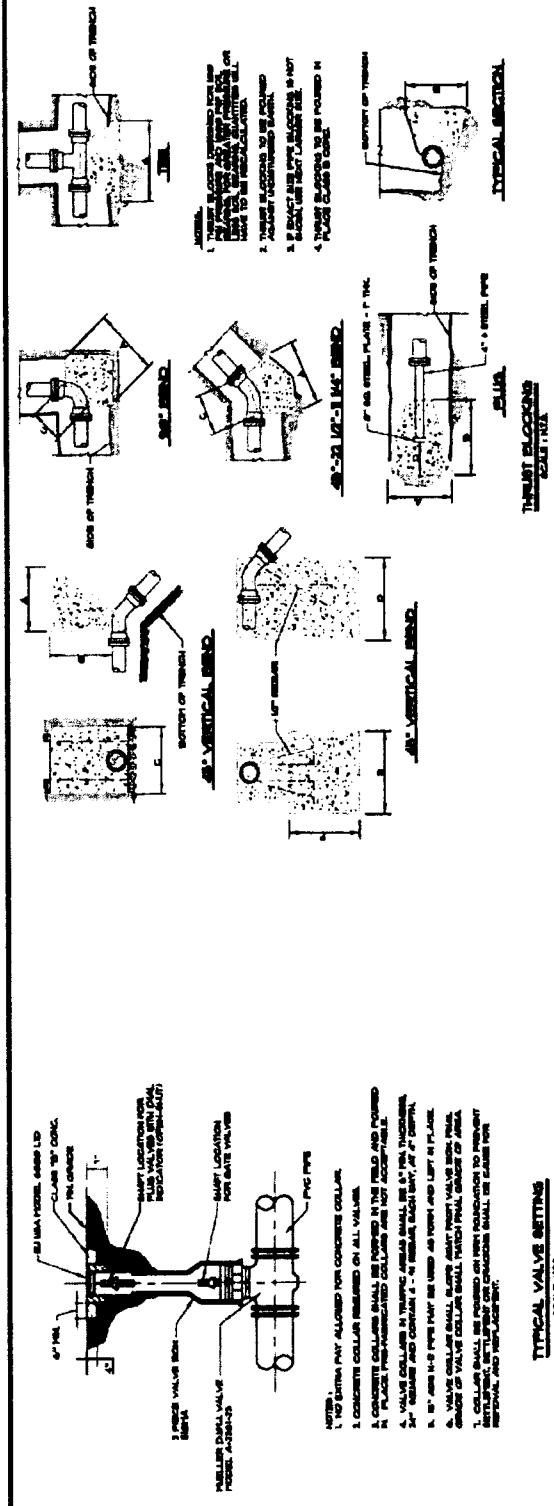
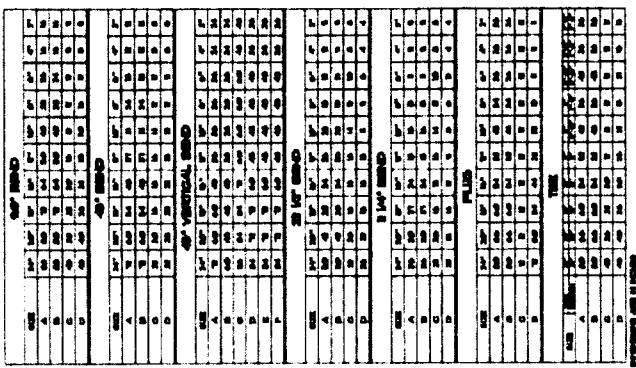
ZA Powers, PLC



HEADWALLS @ 15° SKEW  
30"-108" PIPES

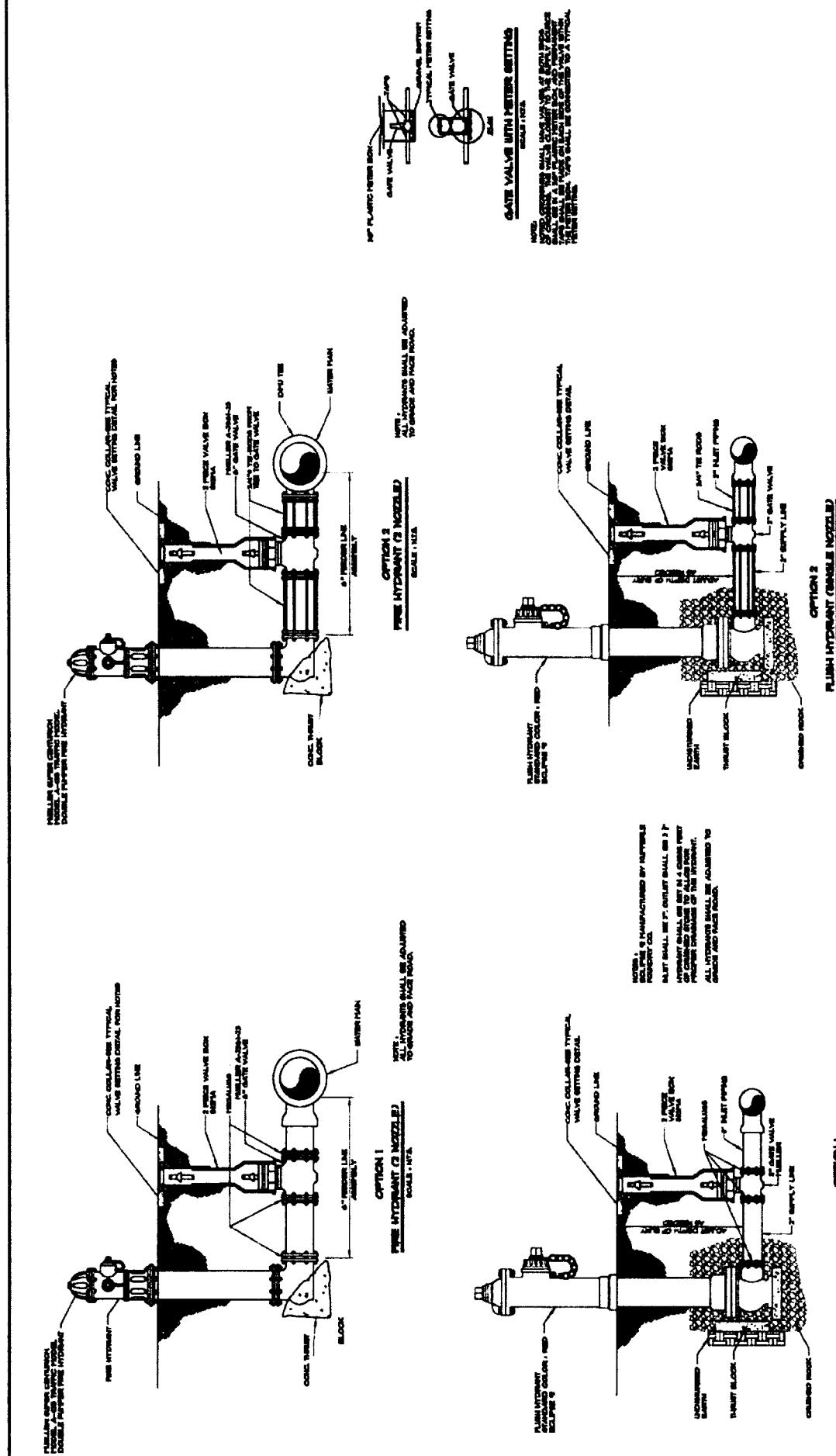
Diameter of Pipe	Length of Pipe (ft)											
	100	105	110	115	120	125	130	135	140	145	150	155
10"	100	100	100	100	100	100	100	100	100	100	100	100
12"	100	100	100	100	100	100	100	100	100	100	100	100
14"	100	100	100	100	100	100	100	100	100	100	100	100
16"	100	100	100	100	100	100	100	100	100	100	100	100
18"	100	100	100	100	100	100	100	100	100	100	100	100
20"	100	100	100	100	100	100	100	100	100	100	100	100
24"	100	100	100	100	100	100	100	100	100	100	100	100
30"	100	100	100	100	100	100	100	100	100	100	100	100
42"	100	100	100	100	100	100	100	100	100	100	100	100
54"	100	100	100	100	100	100	100	100	100	100	100	100
66"	100	100	100	100	100	100	100	100	100	100	100	100
78"	100	100	100	100	100	100	100	100	100	100	100	100
90"	100	100	100	100	100	100	100	100	100	100	100	100
108"	100	100	100	100	100	100	100	100	100	100	100	100

HEADWALLS @ 15° SKEW  
DIMENSIONS & QUANTITIES

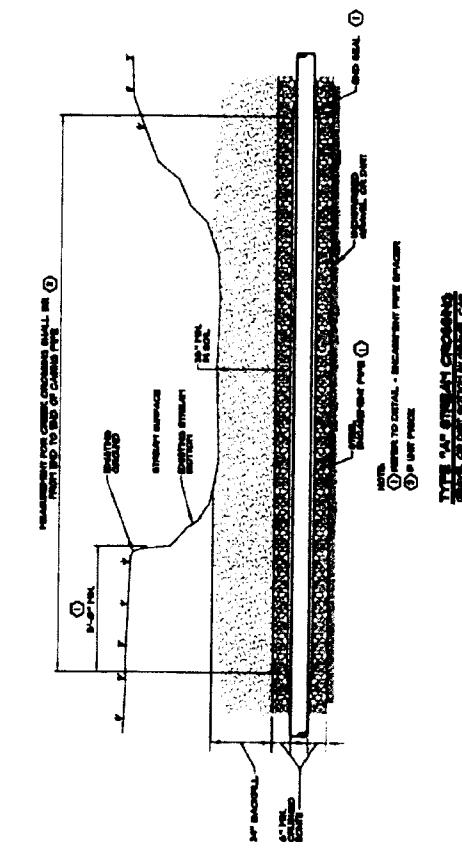


JESSAMINE COUNTY WATER DISTRICT No. 1		SDI	
JESSAMINE COUNTY, KENTUCKY			
		STANDARD DETAILS	
2 1/2" CIRCLE	MANHOLE, KENTUCKY		
(202) 695-3400	(202) 695-3400 FAX		
	John W. Moore Project Manager		
OWNER	NAME	DATE	
MANHOLE NUMBER	NAME	DATE	
MANHOLE NUMBER	NAME	DATE	

JESSAMINE COUNTY WATER DISTRICT No. 1			SD2
JESSAMINE COUNTY, KENTUCKY			STANDARD DETAILS
 <p>JESSAMINE COUNTY WATER DISTRICT No. 1</p>			
PROJECT NUMBER	DATE 06/2020	SCALE 1:50	
OWNER'S NAME	TYPE	DATE	
SUPERVISOR	TYPE	DATE	
DESIGNER	TYPE	DATE	
CONTRACTOR	TYPE	DATE	
GENERAL CONTRACTOR	TYPE	DATE	
PERMITTING	TYPE	DATE	
GRADE LINE	TYPE	DATE	
EXCAVATOR	TYPE	DATE	
INSPECTOR	TYPE	DATE	
APPROVING AUTHORITY	TYPE	DATE	
REVIEWED BY	TYPE	DATE	
APPROVED BY	TYPE	DATE	
APPROVED BY	TYPE	DATE	
APPROVED BY	TYPE	DATE	
APPROVED BY	TYPE	DATE	

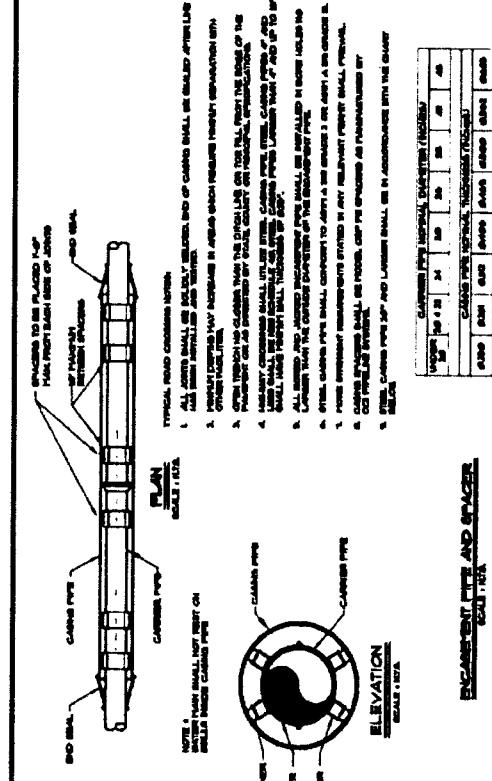




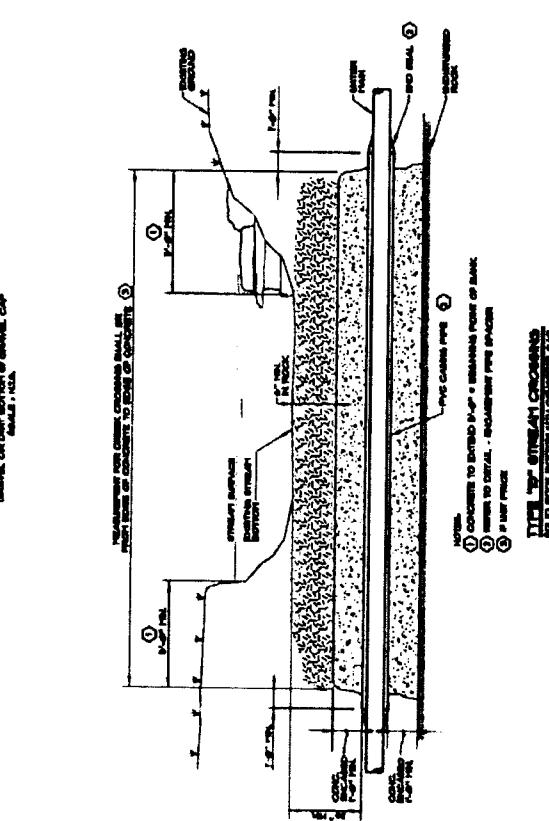


**DRUGS IN THE NEWS**

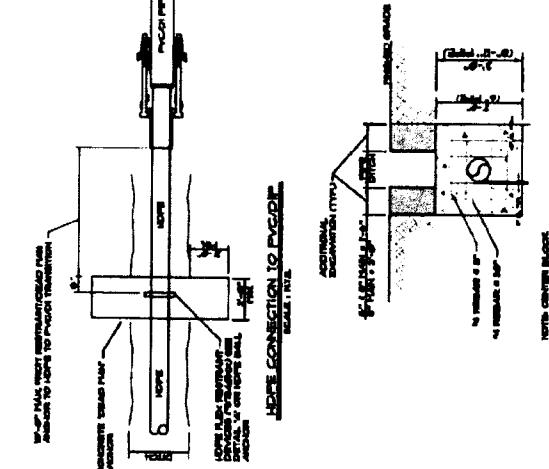
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Wavelength (Å)	Growth rate (Å/s)		Dissolution rate (Å/s)	
	Initial	Final	Initial	Final
350	—	—	—	—
400	—	—	—	—
450	—	—	—	—
500	—	—	—	—
550	—	—	—	—
600	—	—	—	—
650	—	—	—	—
700	—	—	—	—
750	—	—	—	—
800	—	—	—	—
850	—	—	—	—
900	—	—	—	—
950	—	—	—	—
1000	—	—	—	—
1050	—	—	—	—
1100	—	—	—	—
1150	—	—	—	—
1200	—	—	—	—
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1800	—	—	—	—
1850	—	—	—	—
1900	—	—	—	—
1950	—	—	—	—
2000	—	—	—	—
2050	—	—	—	—
2100	—	—	—	—
2150	—	—	—	—
2200	—	—	—	—
2250	—	—	—	—
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2800	—	—	—	—
2850	—	—	—	—
2900	—	—	—	—
2950	—	—	—	—
3000	—	—	—	—
3050	—	—	—	—
3100	—	—	—	—
3150	—	—	—	—
3200	—	—	—	—
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4050	—	—	—	—
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4150	—	—	—	—
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7050	—	—	—	—
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7200	—	—	—	—
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8000	—	—	—	—
8050	—	—	—	—
8100	—	—	—	—
8150	—	—	—	—
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9150	—	—	—	—
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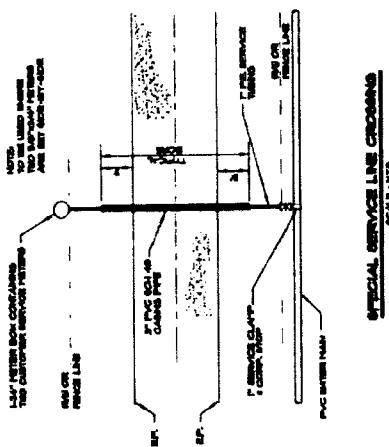
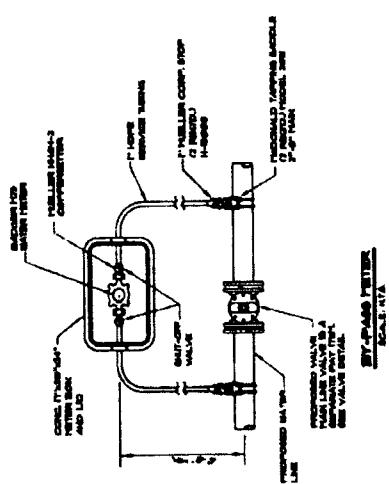
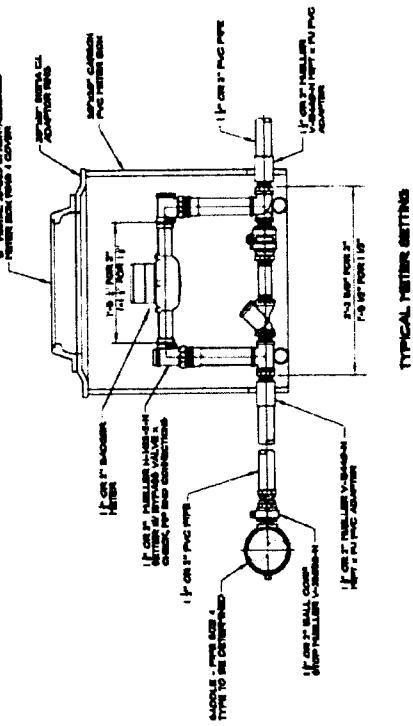
**SECTION A-A**



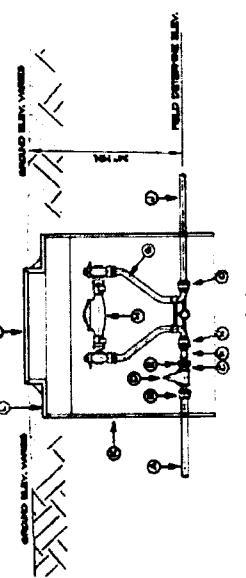
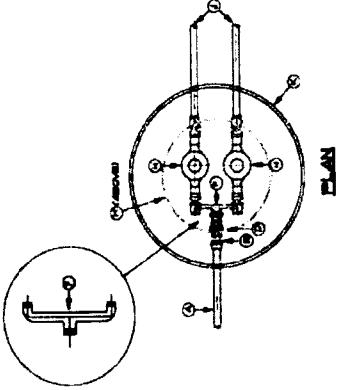
CENTRAL SCOTT CENTRAL

JESSAMINE COUNTY WATER DISTRICT No 1 JESSAMINE COUNTY, KENTUCKY	
STANDARD DETAILS	
<p><i>J.W.B.</i></p> <p>3415 CIRCLE MELTON, KENTUCKY (502) 665-3660 (502) 665-3660 FAX</p>	

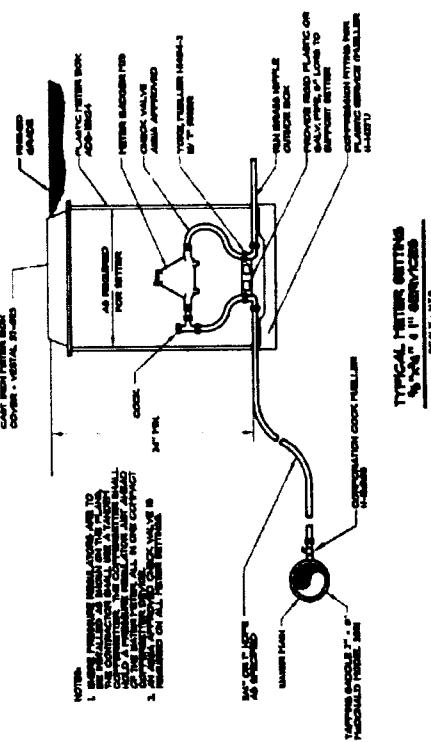
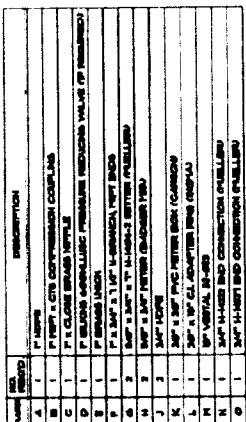
PRODUCT NUMBER		DATE ISSUED		EXPIRATION DATE	
NAME		MONTH	YEAR	MONTH	YEAR
1	CLARK	JAN	1980	JAN	1981
2	CLARK	FEB	1980	FEB	1981
3	CLARK	MAR	1980	MAR	1981
4	CLARK	APR	1980	APR	1981
5	CLARK	MAY	1980	MAY	1981
6	CLARK	JUN	1980	JUN	1981
7	CLARK	JUL	1980	JUL	1981
8	CLARK	AUG	1980	AUG	1981
9	CLARK	SEP	1980	SEP	1981
10	CLARK	OCT	1980	OCT	1981
11	CLARK	NOV	1980	NOV	1981
12	CLARK	DEC	1980	DEC	1981



**SPECIAL SERVICE LINE CREDITS**



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**STANDARD DETAILS**

JH

1

**5 HHS CIRCLE**  
**FRANKFORT, KENTUCKY**  
**(502) 572-5820**  
**(502) 572-5820 FAX**

HNB  
INDIA

JESSAMINE COUNTY WATER DISTRICT NO. 1

GENERAL NOTES

1. No water will be provided by JCWD1 to any development until the District's standard development contract is executed and returned to the District and all costs incurred by the District have been reconciled by the Developer.
2. The Developer's Contractor shall notify JCWD1 a minimum of 48 hours prior to the start of construction.
3. JCWD1 shall install all customer services and appurtenances from the water main to, and including, the meter and meter box. The Developer's Contractor is to install the water main and appurtenances only.
4. JCWD1 has assumed the water line shall be laid in either a dedicated utility easement [20'] and/or public right-of-way where the District has permission to cut the street to make repairs. If this is not the case, the proposed water line shall be moved to the utility easement [20'].
5. The bacteriological testing will be coordinated by JCWD1 and will be charged to the Developer. JCWD1 personnel will take all samples. Disinfection of the lines must be performed by the Contractor under the direct supervision of the District. The Contractor shall not open any valve to the District's system. Copies of all lab reports must be presented to the District for review.
6. Pressure testing of the water lines and appurtenances shall be performed by the Contractor and must be observed by JCWD1 personnel. The Contractor may not open any valves to the District's system.
7. Installed water main shall be tested at 50 PSI above the rated working pressure of the pipe for a minimum of two (2) hours, with no more than 5 PSI pressure loss over the duration of the test. JCWD1 personnel shall witness the test, observation and record gage readings at the beginning and end of the pressure test. Not more than 3500 feet of pipe may be tested at any one time.
8. A two-year warranty period is required on all portions of the work. The Developer is responsible for all maintenance and repair costs during this timeframe.
9. Record Drawings, including a construction cost estimate and detailed quantity breakdown, are to be provided to the District by the Developer/Owner, or his Engineer, when construction is complete. Both a paper copy and electronic copy (georeferenced AutoCAD format and PDF) of Record Drawings are required to be submitted to the District.
10. The Developer's Engineer must certify to the District, the City and DOW that the fire hydrants installed meet all City and State requirements.
11. JCWD1 shall make all connections to existing water lines. The Developer's Contractor must coordinate all connections with the District.
12. The Developer must submit contracts requesting service. No deposit is required if the Developer is supervising bidding and construction of the work.
13. The Developer and/or his Engineer must provide sufficient construction observation services for the project so that the construction can be certified by the Developer's Engineer to the DOW with no qualifications when construction is completed.
14. Periodic Project Inspection shall be performed by the District, at the Developer's or the Contractor's expense. The amount of inspection services and costs may be estimated prior to the start of the work, at the Developer's request. The Developer's Engineer shall provide adequate inspection to certify the completed project to the DOW without qualification or exception.
15. DOW must approve the final plans and their approval letter must be submitted to Jessamine County Water District No. 1 prior to construction.
16. All water line trenches must be of sufficient width to allow any subsequent maintenance to be practically performed. Required width shall be determined by the District's representative.
17. #10 AWG THHN insulated copper wire shall be installed along all water main. All splices of tracer wire shall be fully encapsulated within bellcaps.

18. Standard utility marking tape shall be installed in the trench directly over all water mains at a depth of approximately 18 inches.

19. Installed water main joint deflection may not exceed 4" per 20-foot stick of pipe as measured from bell to spigot in relation to what would be a true and straight installation extending along the length of the preceding joint of pipe.

20. All installed water main must be seated in accordance with manufacturer recommendations and may not be over or under inserted under any circumstances.

21. Backfill around catch basins must be tightly compacted to prevent shifting of water main towards any catch basin.

22. The Developer shall submit Shop Drawings/construction materials submittals to the District for review prior to beginning construction.

23. The Contractor shall perform rough cleanup daily, with no ditches left open overnight and all construction debris disposed of daily.

24. More stringent requirements of any applicable permit shall apply to the Work.

25. Any water main installed in public right-of-way shall be a minimum of 36" deep. State maintained roadway crossings shall be a minimum of 42" deep measured from the lowest point in the right-of-way. Water main installed parallel to roadways and within the right-of-way shall be a minimum of 36" deep unless installed in the ditch, where it shall be a minimum of 42" deep.

NOTE: DOCUMENTS DEPICTED HEREIN ARE FOR INFORMATION ONLY. COPIES OF ALL DOCUMENTS FOR EXECUTION MUST BE OBTAINED FROM JCD NO. 1 BY CALLING (859) 869-3544.			
<b>JESSAMINE COUNTY WATER DISTRICT NO. 1 JESSAMINE COUNTY, KENTUCKY</b>			
<b>STANDARD DETAILS - GENERAL NOTES</b>			
			
PROJ/CONTRACT NO./MAP DATE/FIRM/2000	RECEIVED BY	SIGNATURE	DATE
	CAB		
APPROVED BY	RECORDED BY	RECORDED DATE	
CAB	CAB		
APPROVED	RECORDED	RECORDED DATE	
APPROVED BY	RECORDED BY	RECORDED DATE	
APPROVED DATE	RECORDED DATE	RECORDED DATE	

22

MAP  
DATE  
REV.  
SHEET

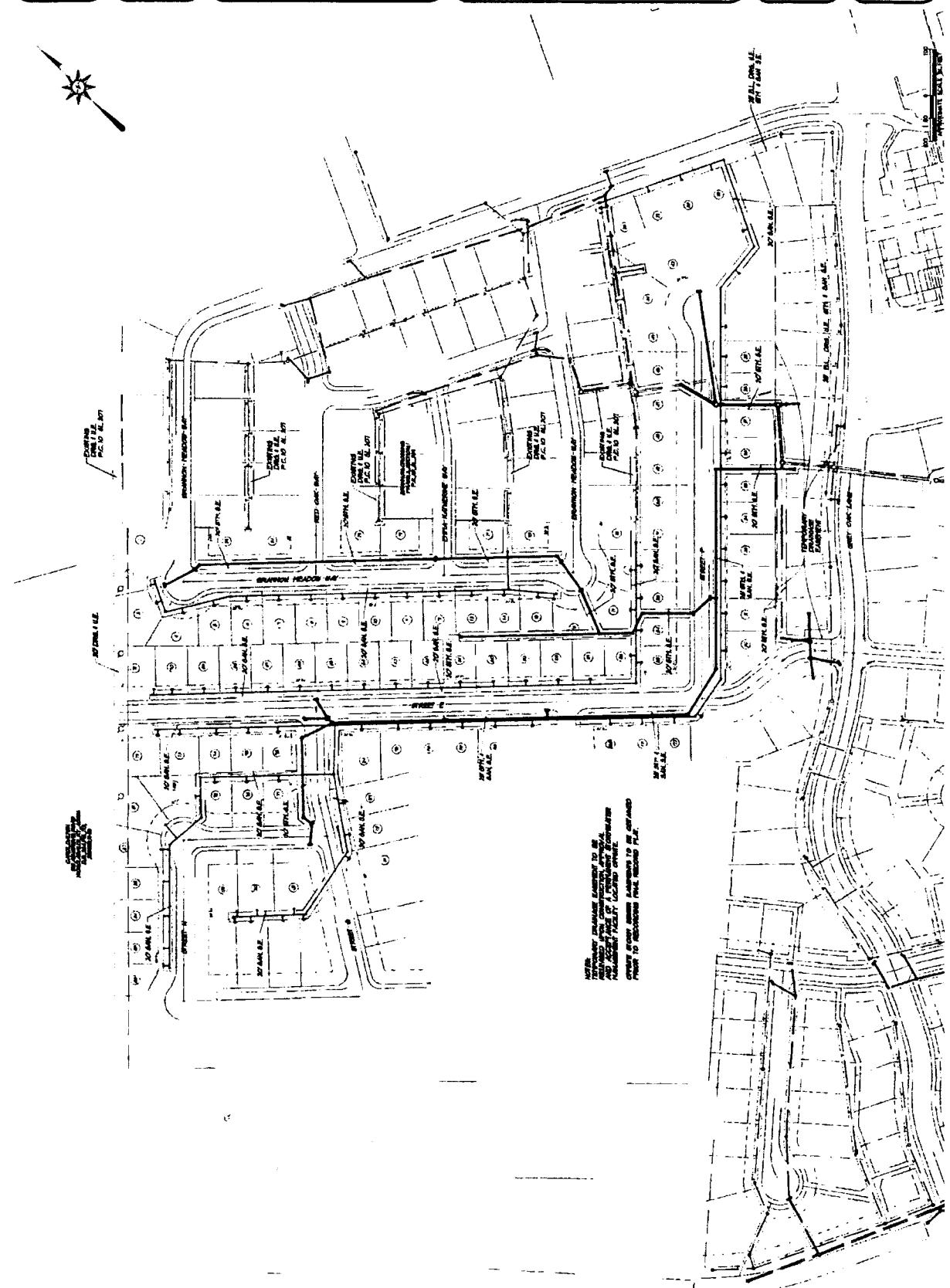
NOLAND PROPERTY

LEXINGTON, FAYETTE COUNTY, KENTUCKY

PHASE 3, SECTION 2

STORM & SANITARY SEWER EASEMENT PLAN

EA Downer, PLC





## LaDonna Roberts

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**From:** Michael Cravens  
**Sent:** Thursday, August 30, 2018 1:40 PM  
**To:** Commissioner EQ PW Exec Asst  
**Cc:** LaDonna Roberts; Charles Martin  
**Subject:** RE: Law Review: Noland Property Site Agreement

I have reviewed this request for authorization to execute a site specific agreement for LFUCG to provide sewer conveyance and treatment capacity for Noland Property Phase 3 Section 2 in northern Jessamine County pursuant to the Master Agreement with JSEWD. I have also reviewed the agreement itself.

I would note that the agreement that I reviewed did not include the Exhibit A referenced in the agreement (plans and specifications approved by JSEWD and LFUCG), but as long as Exhibit A is ultimately attached to the agreement before it is signed, I am good.

No legal issues. OK to bluesheet.

**Michael Cravens**  
Attorney Senior  
Department of Law

859.258.3500  
[MCravens@lexingtonky.gov](mailto:MCravens@lexingtonky.gov)  
[lexingtonky.gov](http://lexingtonky.gov)



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This message is intended only for the use of the individual or entity to which it is addressed and may contain confidential information that is legally privileged and exempt from disclosure under applicable law, including but not limited to, Kentucky Rule of Evidence 503. Any legal opinion provided in this electronic mail transmission is provided in the course of my legal representation of the Lexington-Fayette Urban County Government and should not be disseminated to the public. If the reader of this message is not the intended recipient, you are notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, delete it from your system without copying or forwarding it, and notify the sender of the error by replying via e-mail or by calling the Department of Law at (859) 258-3500, so that our address record can be corrected. Thank you.

**From:** Commisioner EQ PW Exec Asst  
**Sent:** Wednesday, August 29, 2018 3:19 PM  
**To:** Janet Graham <[jgraham@lexingtonky.gov](mailto:jgraham@lexingtonky.gov)>; Michael Cravens <[mcraevens@lexingtonky.gov](mailto:mcraevens@lexingtonky.gov)>  
**Cc:** LaDonna Roberts <[lroberts@lexingtonky.gov](mailto:lroberts@lexingtonky.gov)>; Charles Martin <[chmartin@lexingtonky.gov](mailto:chmartin@lexingtonky.gov)>  
**Subject:** FW: Law Review: Noland Property Site Agreement

Janet, can you please assign for review prior to input in Legistar.

Sandy  
3401

**Sandra Sue Burke**  
Executive Assistant to Charles H. Martin  
Acting Commissioner, Department of Environmental Quality & Public Works

859.258.3400 office  
859.684.3493 cell  
[lexingtonky.gov](http://lexingtonky.gov)



**From:** LaDonna Roberts  
**Sent:** Wednesday, August 29, 2018 3:04 PM  
**To:** Commisioner EQ PW Exec Asst <[commeqpwea@lexingtonky.gov](mailto:commeqpwea@lexingtonky.gov)>  
**Cc:** Charles Martin <[chmartin@lexingtonky.gov](mailto:chmartin@lexingtonky.gov)>  
**Subject:** Law Review: Noland Property Site Agreement

Please have law review the attached for the blue sheet process.

Thank you,

**LaDonna Roberts**  
*Administrative Specialist*  
Division of Water Quality

859.258.3362 office  
[lexingtonky.gov](http://lexingtonky.gov)



Clark Legacy Center

Providence  
Christian Church

Baptist Health Urgent  
Care Lexington

Brannon RD.

Movie Tavern

NOLAND  
PROPERTY

MAYOR JIM GRAY



CHARLES H. MARTIN, P.E.  
DIRECTOR  
WATER QUALITY

**TO:** Mayor Jim Gray  
Urban County Council

**FROM:** Rodney T. Chenoweth for Charles H. Martin  
Charles H. Martin, P.E., Director  
Division of Water Quality

**DATE:** August 22, 2018

**SUBJECT:** Site Specific Agreement:  
Noland Property Phase 3, Section 2 (102 Lots) – Jessamine County

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Request

The purpose of this memorandum is to request a resolution authorizing a sanitary sewer service Site Specific Agreement between the Lexington-Fayette Urban County Government (LFUCG), Ball Homes LLC; City of Nicholasville, Kentucky; and Jessamine-South Elkhorn Water District (JSEWD).

Purpose of Request

The agreement is for LFUCG to provide sanitary sewer conveyance and treatment capacity for properties identified in the Site Specific Agreement in accordance with the Master Agreement between LFUCG and JSEWD (Resolution 690-2002).

Project Cost in FY19 and in Future Budget Years

Execution of the terms and conditions of the Site Specific Agreement will be at no cost to LFUCG.

Are Funds Budgeted

NA

Martin

