

PHASE 3, SECTION 2

SET DATE

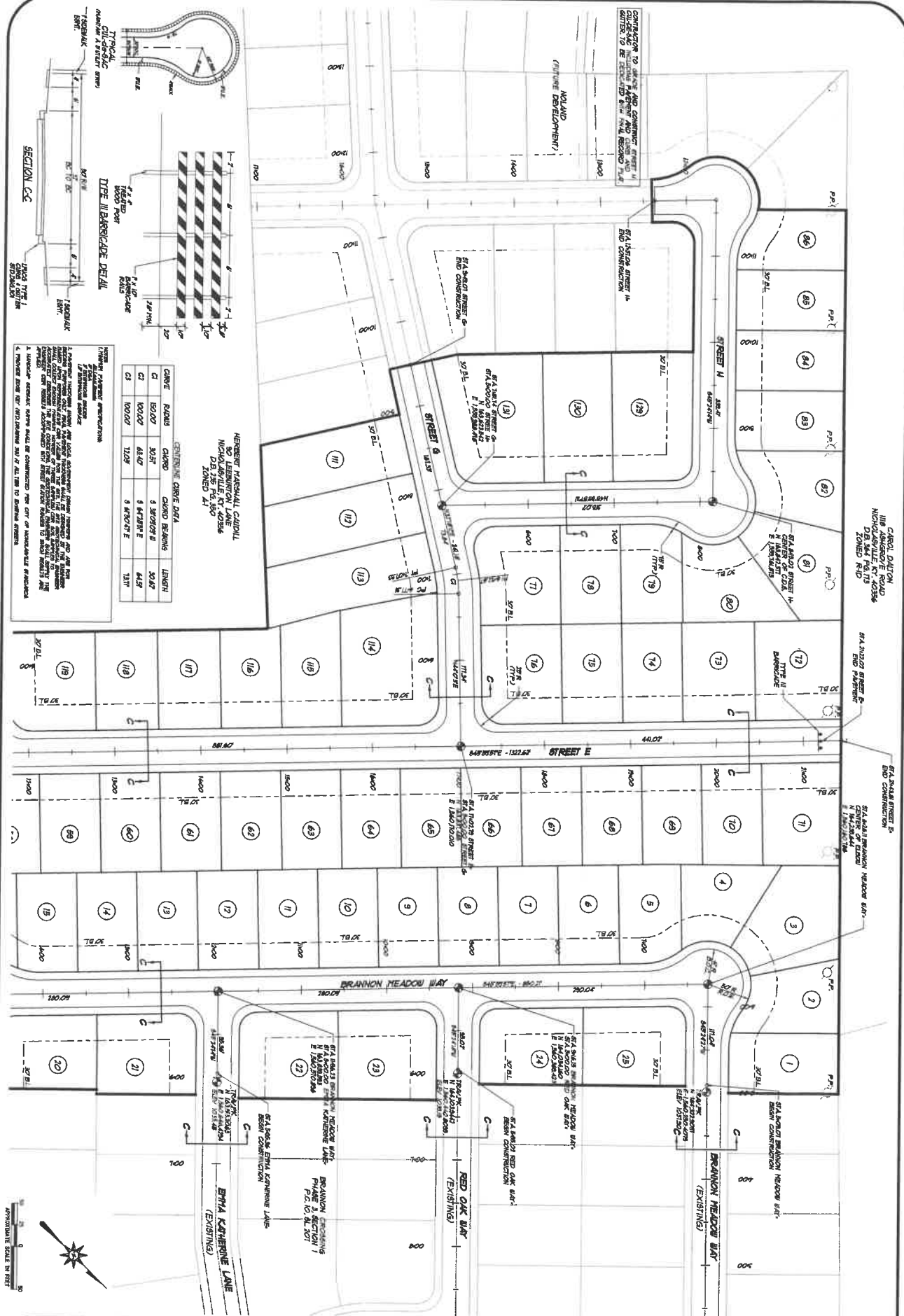
102 LOTS AT 400 GPD = 40,800 GPD

THE POLYMERIZATION OF

1. WHEN THE FINANCIAL INFORMATION IN A BOOK THE PAGE SHALL BE
 BASED ON A LEAF. IN CASE OF NO LOSS OR NO ADDED INFORMATION,
 AND SHALL BE IDENTICAL WITH THE LOSS OR NO ADDED INFORMATION FOR
 THE LOSS OF INFORMATION ABOUT THE TOP OF THE PAGE. IDENTICAL
 INFORMATION SHALL BE IDENTICAL TO THE INFORMATION ABOUT THE GENERAL
 INFORMATION.

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2 SHEET	GENERAL NOTES NOLAN PROPERTY PHASE 3, SECTION 2 NICHOLASVILLE, JESSAMINE COUNTY, KENTUCKY	 CIVIL ENGINEERS • LAND SURVEYORS • LANDSCAPE ARCHITECTS 3711 HALL STREET CINCINNATI, KENTUCKY 45216 (502) 526-0000
	DATE 05/21/16 CHECKED REVIEWED TMR	

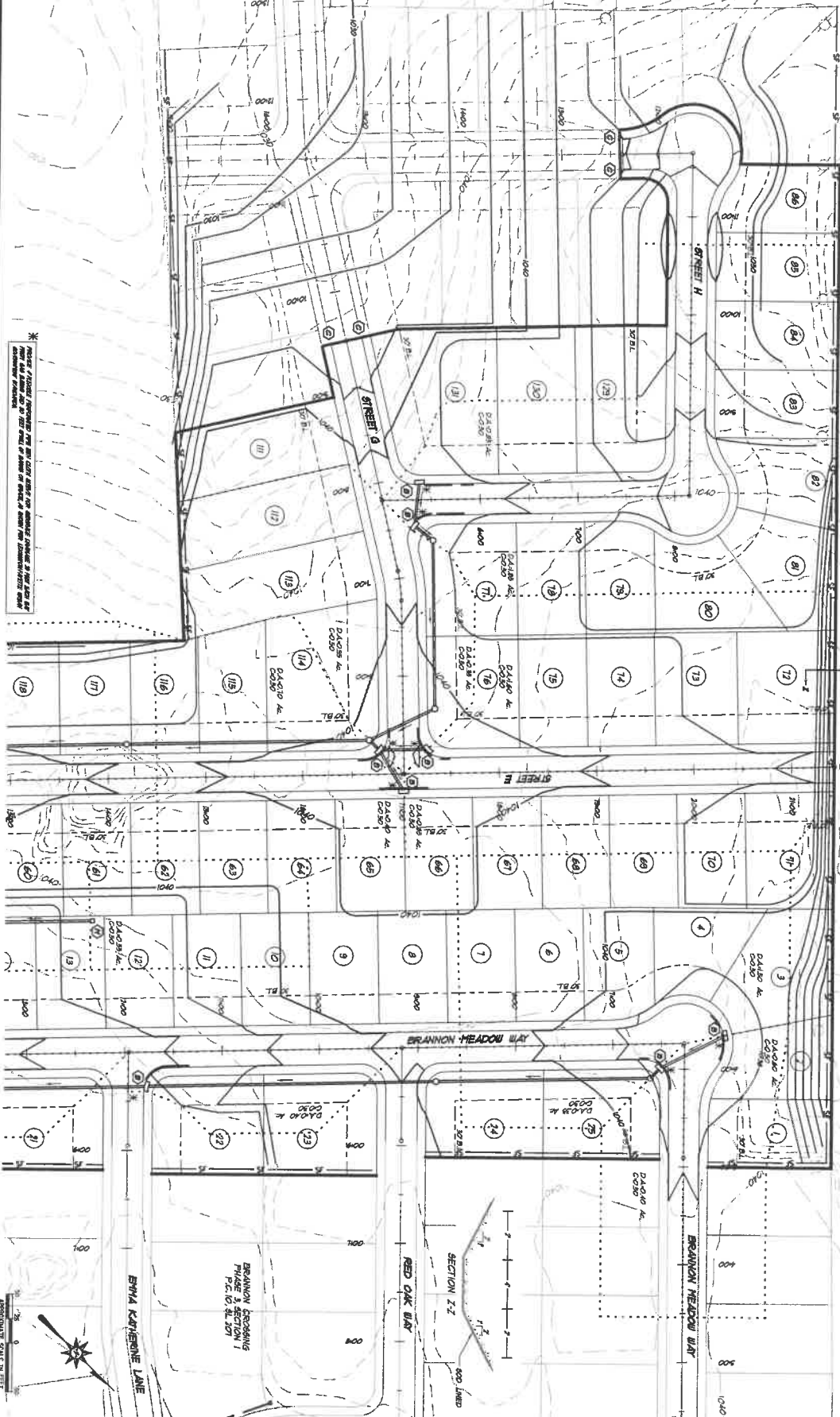




CIVIL ENGINEERS • LAND SURVEYORS • LANDSCAPE ARCHITECTS

3111 WALL STREET
LEXINGTON KENTUCKY 40013
PHONE (502) 298-6860
FACSIMILE (502) 295-0887

* THIS PLAN IS PREPARED FOR THE PROPOSED GRADING AND EROSION CONTROL PLAN FOR THE PROPOSED PHASE 3, SECTION 2 OF THE NOLAND PROPERTY, JESSAMINE COUNTY, KENTUCKY. THE PLAN IS BASED ON THE SURVEY DATA PROVIDED BY THE CLIENT AND THE DESIGNER'S FIELD NOTES. THE DESIGNER HAS CONDUCTED A VISUAL INSPECTION OF THE SITE AND HAS FOUND THE SURVEY DATA TO BE REASONABLY ACCURATE. THE DESIGNER HAS NOT CONDUCTED A FIELD SURVEY OF THE SITE TO VERIFY THE SURVEY DATA. THE DESIGNER HAS NOT CONDUCTED A FIELD SURVEY OF THE SITE TO VERIFY THE SURVEY DATA. THE DESIGNER HAS NOT CONDUCTED A FIELD SURVEY OF THE SITE TO VERIFY THE SURVEY DATA.



APPROXIMATE SCALE IN FEET

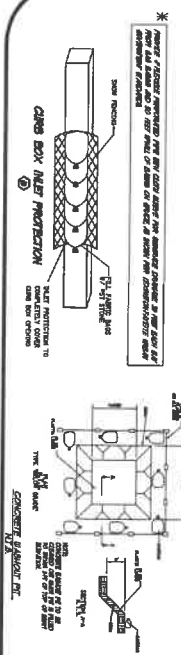
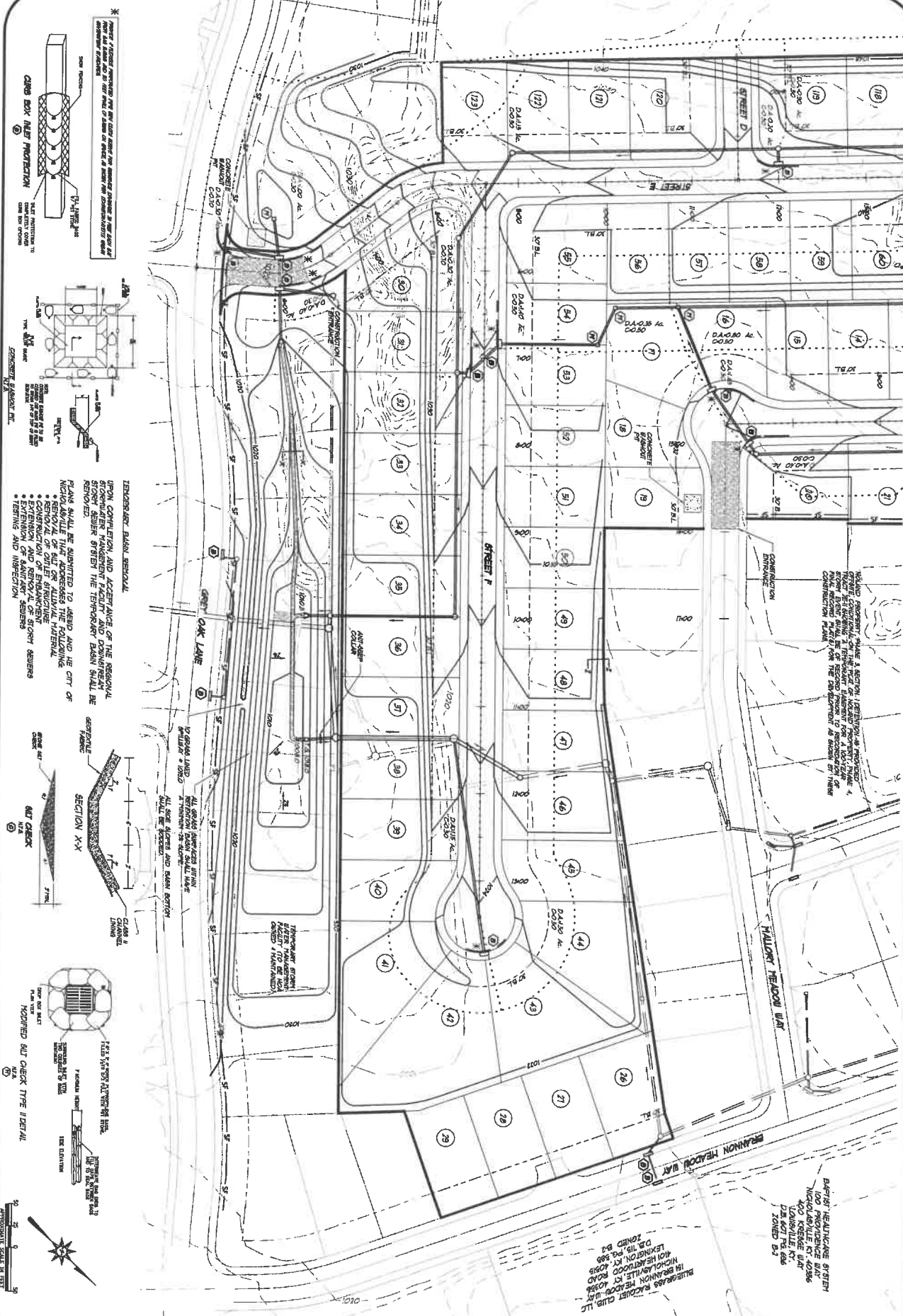
4A

SHEET

DATE 05/21/16
THU
REVISIONS

GRADING AND EROSION CONTROL PLAN
NOLAND PROPERTY
PHASE 3, SECTION 2
NICHOLASVILLE, JESSAMINE COUNTY, KENTUCKY

EA Partners, PLLC
CIVIL ENGINEERS • LAND SURVEYORS • LANDSCAPE ARCHITECTS
311 WALL STREET
LEXINGTON, KENTUCKY 40515
PHONE (606) 255-4400
FACSIMILE (606) 255-9987

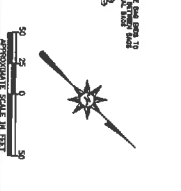
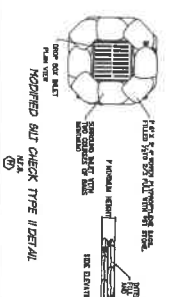
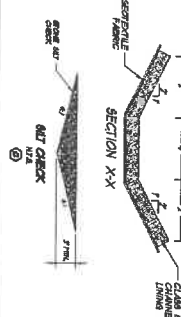


TEMPORARY EROSION CONTROL

UPON COMPLETION AND ACCEPTANCE OF THE REGIONAL STORM SEWER SYSTEM THE TEMPORARY EROSION CONTROL SHALL BE REMOVED.

PLANS SHALL BE SUBMITTED TO AGENCIES AND HE COT OF NICHOLASVILLE THAT ADDRESSES THE FOLLOWING:

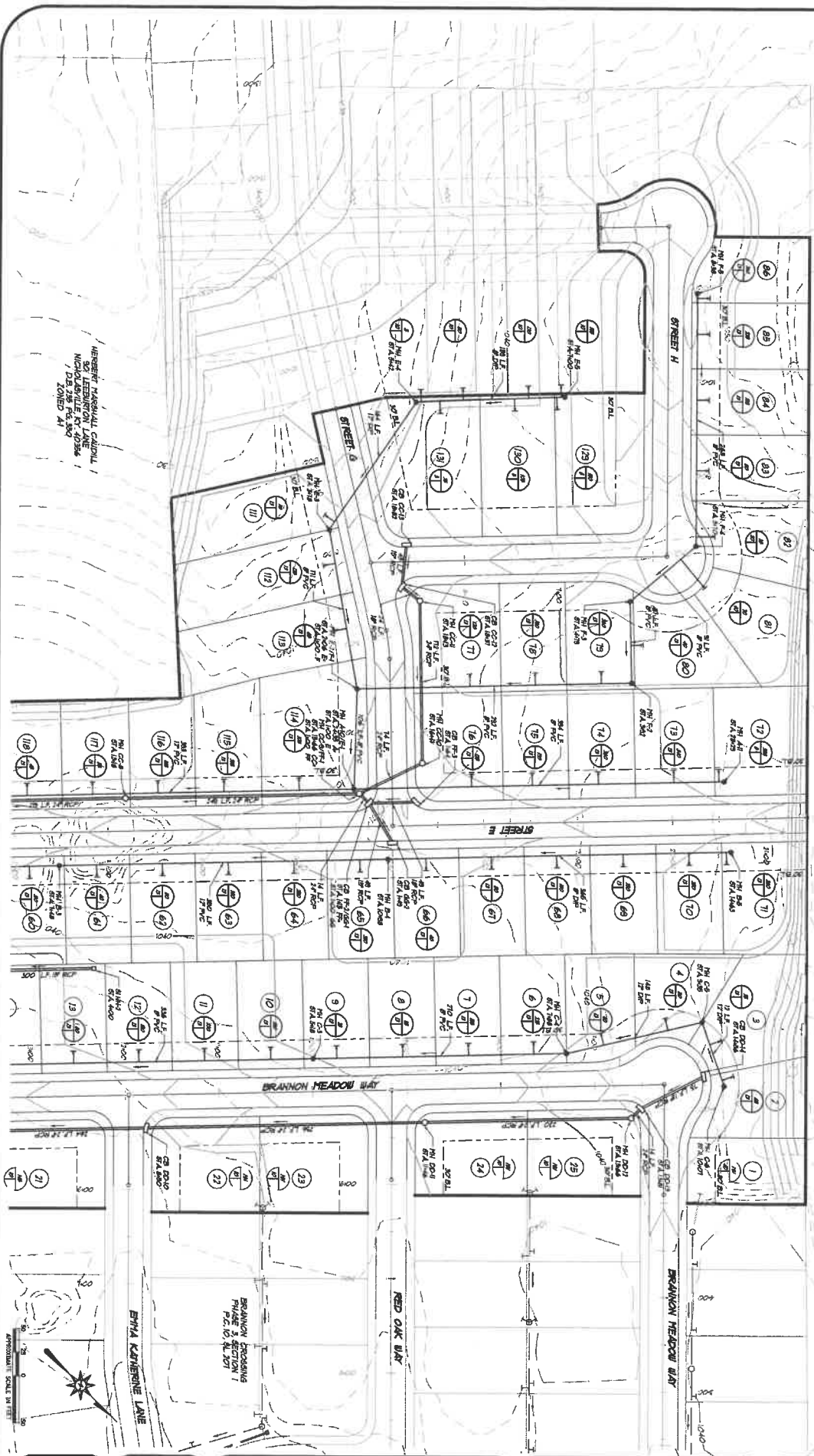
- REMOVAL OF OUTLET STRUCTURES
- CONSTRUCTION OF EROSION CONTROL
- EXTENSION AND REMOVAL OF STORM SEWERS
- TESTING AND INSPECTION



LEGEND: LAYOUT LOCATIONS

- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- STORM SEWER INLET
- SANITARY SEWER INLET
- STORM SEWER OUTLET
- SANITARY SEWER OUTLET
- STORM SEWER CLEANOUT
- SANITARY SEWER CLEANOUT
- STORM SEWER VENT
- SANITARY SEWER VENT
- STORM SEWER DROP
- SANITARY SEWER DROP
- STORM SEWER LIFT
- SANITARY SEWER LIFT
- STORM SEWER PUMP
- SANITARY SEWER PUMP
- STORM SEWER STORAGE
- SANITARY SEWER STORAGE
- STORM SEWER TREATMENT
- SANITARY SEWER TREATMENT
- STORM SEWER DISPOSAL
- SANITARY SEWER DISPOSAL

NOTE:
ALL STORM SEWER LINES SHALL HAVE A 1% MINIMUM SLOPE TOWARD STORM SEWER MANHOLES.
ALL SANITARY SEWER LINES SHALL HAVE A 2% MINIMUM SLOPE TOWARD STORM SEWER MANHOLES.
ALL STORM SEWER LINES SHALL HAVE A 1% MINIMUM SLOPE TOWARD STORM SEWER MANHOLES.
ALL SANITARY SEWER LINES SHALL HAVE A 2% MINIMUM SLOPE TOWARD STORM SEWER MANHOLES.
ALL STORM SEWER LINES SHALL HAVE A 1% MINIMUM SLOPE TOWARD STORM SEWER MANHOLES.
ALL SANITARY SEWER LINES SHALL HAVE A 2% MINIMUM SLOPE TOWARD STORM SEWER MANHOLES.
ALL STORM SEWER LINES SHALL HAVE A 1% MINIMUM SLOPE TOWARD STORM SEWER MANHOLES.
ALL SANITARY SEWER LINES SHALL HAVE A 2% MINIMUM SLOPE TOWARD STORM SEWER MANHOLES.



5A

STORM AND SANITARY SEWER PLAN

NOLAND PROPERTY

PHASE 3, SECTION 2

NICHOLASVILLE, JESSAMINE COUNTY, KENTUCKY

EA Partners, PLLC

CIVIL ENGINEER • LAND SURVEYOR • LANDSCAPE ARCHITECTS

311 VALLI STREET

LEXINGTON, KENTUCKY 40501

PHONE (606) 256-6600

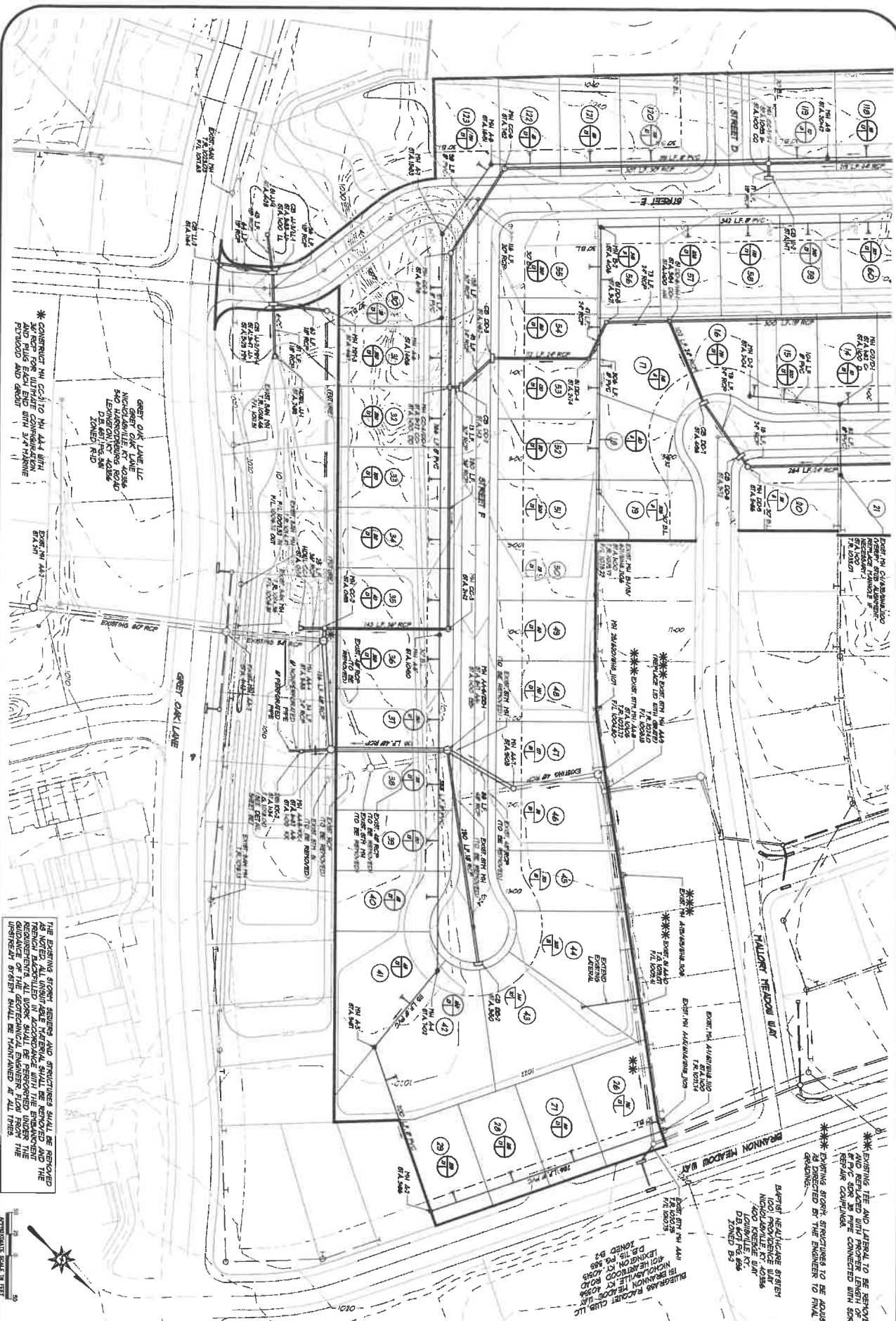
FACSIMILE (606) 256-6687

DATE: 05/21/16

DESIGNED: TMR

CHECKED: TMR

REVIEWED: TMR



THE EXISTING STORM SEWER AND STRUCTURES SHALL BE REMOVED AND REPLACED WITH PROPER LENGTH OF PIPE. ALL WORK SHALL BE PERFORMED UNDER THE GUIDANCE OF THE GEOTECHNICAL ENGINEER. FLOW FROM THE EXISTING STORM SHALL BE MAINTAINED AT ALL TIMES.



5B

SHEET

DATE: 05/21/16

DESIGNED: T.M.

REVISION: 1

STORM AND SANITARY SEWER PLAN

NOLAND PROPERTY

PHASE 3, SECTION 2

NICHOLASVILLE, JESSAMINE COUNTY, KENTUCKY

EA Partners, PLLC

CIVIL ENGINEERS • LAND SURVEYORS • LANDSCAPE ARCHITECTS

1111 HALL STREET

LEXINGTON, KENTUCKY 40515

PHONE (606) 259-9999

FACSIMILE (606) 259-9997



5C

SHEET

DRAWN: TBN
 DATE: 05/21/16
 CHECKED: _____
 REVISION: _____

SANITARY SEWER COORDINATE AND DEFLECTION PLAN
NOLAND PROPERTY
 PHASE: 3, SECTION: 2
 NICHOLASVILLE, JESSAMINE COUNTY, KENTUCKY

EA Partners, PLLC

OVERSEAS LAND SURVEYORS, LANDSCAPE ARCHITECTS
 1111 W. 17TH ST.
 SUITE 100
 NICHOLASVILLE, KY 40401
 (502) 241-1717

1. *Thymus* spp. are aromatic plants, usually with subterminal jointed spikes of flowers. The leaves are opposite, linear, glabrous, and have a distinct, often strong, odor. The stems are woody at the base and herbaceous at the top. The flowers are small, tubular, and usually white or pink. The fruit is a small, dry capsule, often with a persistent style.

[illegible][illegible]

At various points, these charts have adjustable bezels and flip tables to allow the user to view the data from different angles. The bezels can be placed vertically, rotated at an angle, or tilted back. The tables can be placed vertically, rotated at an angle, or tilted back. The bezels can be placed vertically, rotated at an angle, or tilted back. The tables can be placed vertically, rotated at an angle, or tilted back.

[illegible][illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. DATE 08-20-2013 BY 60322 UCBAW/STP

[illegible][illegible][illegible][illegible][illegible]

THE ABOVE IS AN EXTRACT FROM THE RECORD OF THE PROCEEDINGS OF THE BOARD OF INVESTIGATION OF THE UNITED STATES DEPARTMENT OF JUSTICE, OFFICE OF THE ATTORNEY GENERAL, WASHINGTON, D. C. 20530, DATED MAY 1, 1964, AND IS NOT CONSIDERED A CHANGE OF STATUS OR A RECOMMENDATION OF ANY KIND.

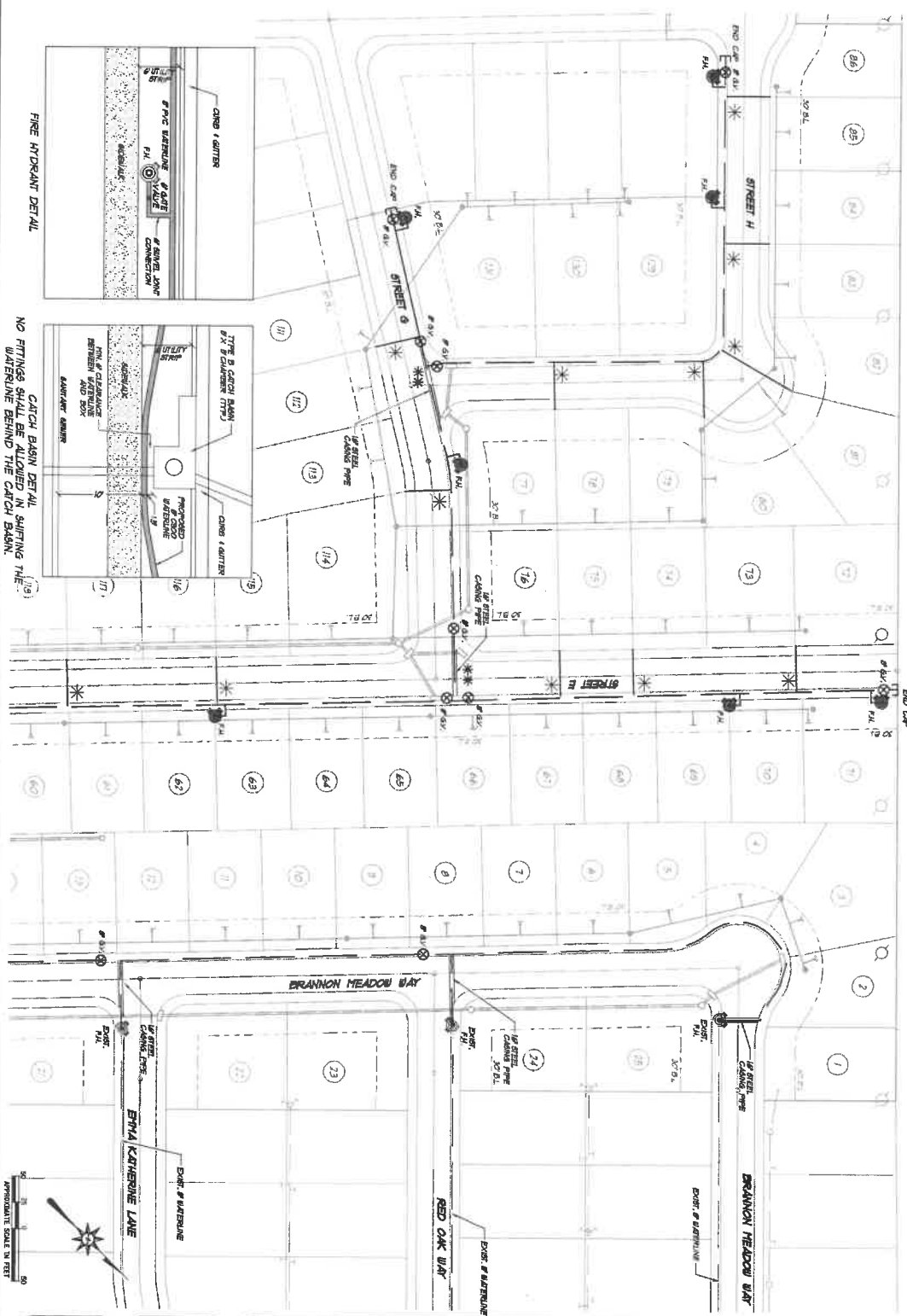
STANDARD DETAILS FOR GENERAL NOTES.

ALL WATERLINE UNLESS OTHERWISE NOTED,
SHALL BE C900 DFR 18 (CLASS B50)

LOCATE CHASING PIPE AS NECESSARY TO
PROVIDE CLEARANCE BEHIND CATCH BASINS
-SEE DETAIL

LEGEND

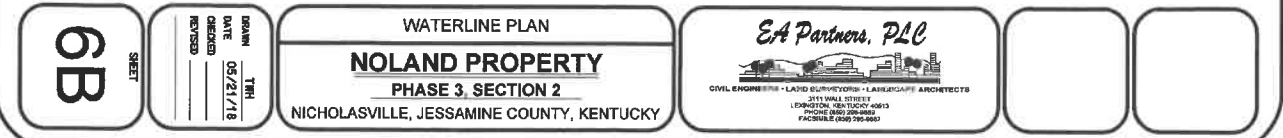
- FIRE HYDRANT / VALVE
- ① SINGLE WATER METER
- ② DOUBLE WATER METER
- ⊗ WATER VALVE
- WATER LINE
- * 3" PVC CASING PIPE FOR WATER SERVICE LINE.



CATCH BASIN DETAIL

NO FITTINGS SHALL BE ALLOWED IN SHIFTING THE WATERLINE BEHIND THE CATCH BASIN.

6A	SHEET	DRAWN _____ DATE 05/21/18 CHECKED _____ REVISIONS _____	WATERLINE PLAN NOLAND PROPERTY PHASE 3, SECTION 2 NICHOLASVILLE, JESSAMINE COUNTY, KENTUCKY	 CIVIL ENGINEERS • LAND SURVEYORS • LANDSCAPE ARCHITECTS 211 HUBBARD STREET LEADERSHIP KENTUCKY 40313 PH: (606) 455-7499 FAX: (606) 455-7497	
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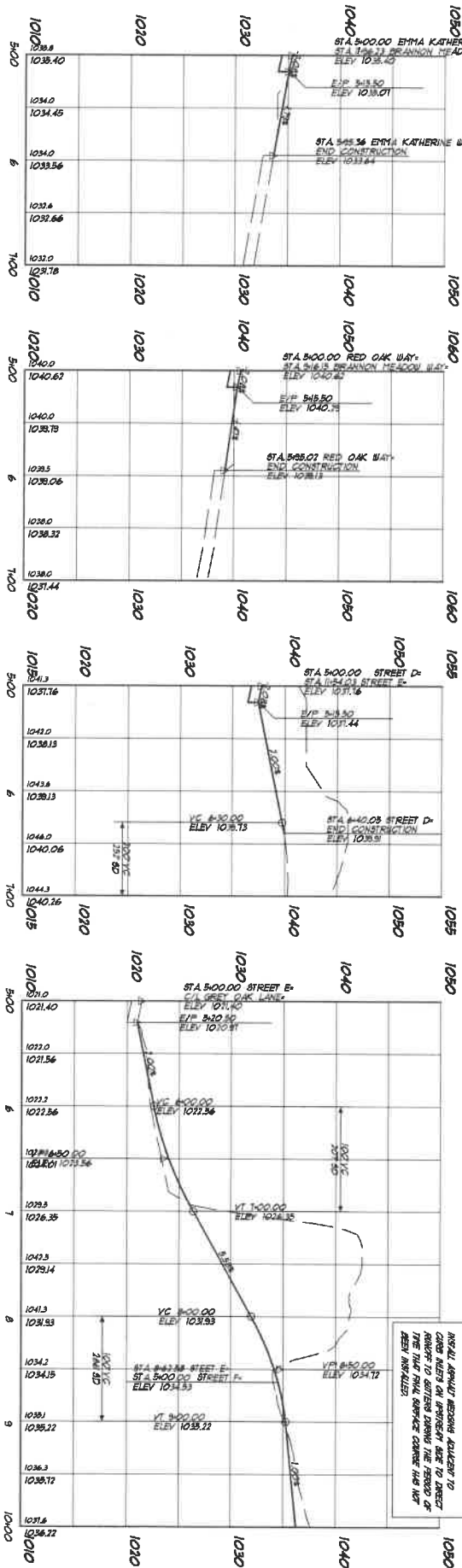
ETMA KATHERINE LANE

RED OAK WAY

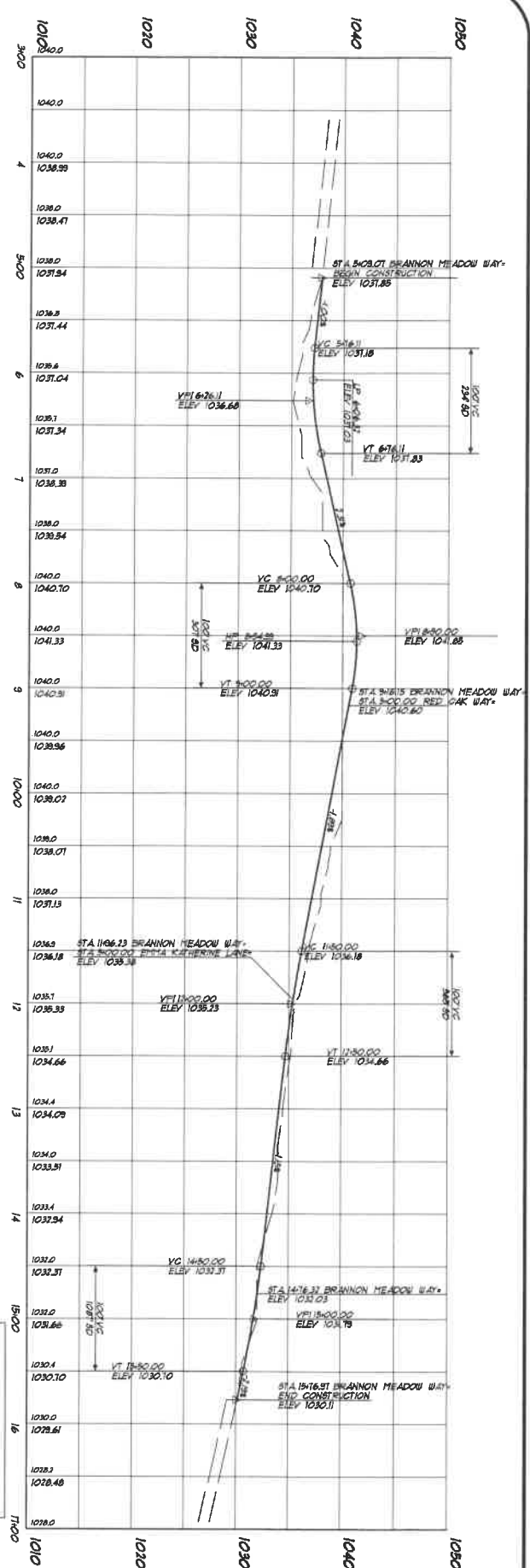
STREET D

STREET E

SCALE:
H = 80' HORIZ.
V = 8' VERT.



BRAUNTON MEADOW WAY



IF ROCK IS ENCOUNTERED DURING STREET CONSTRUCTION, ADDITIONAL SURFACE DRAINAGE SHALL BE REQUIRED AS DIRECTED BY THE ENGINEER.
INSTALL APPROXIMATE MESHING ADJACENT TO CURB METERS ON ADJACENT SIDE TO DIRECT WATER TO EXISTING DRAINAGE THE FENCE OR THE THAT SHALL SERVICE CANNOT HAVE NOT BEEN INSTALLED.

7A

SHEET

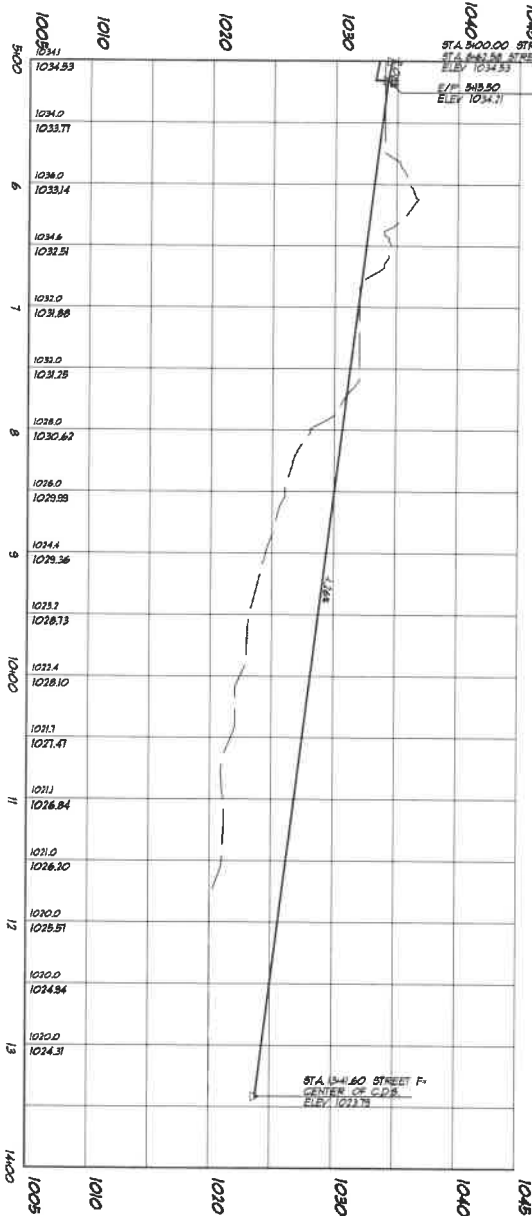
DRAWN
DATE 05/21/18
CHECKED
REVISED

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

E.A. Partners, PLLC

CIVIL ENGINEERS - LAND SURVEYORS - LANDSCAPE ARCHITECTS
111 WALL STREET
LEXINGTON, KENTUCKY 40502-0013
PHONE (606) 258-0000
FACSIMILE (606) 258-0001

STREET F

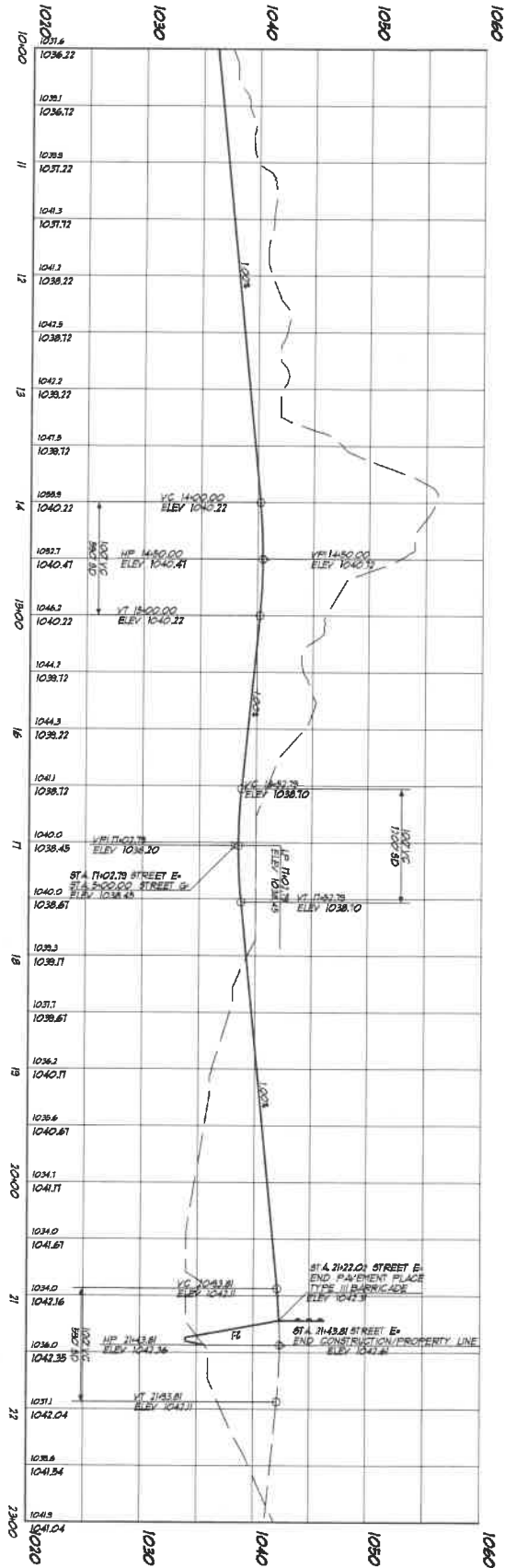


F RACK IS ENCOURAGED DURING STREET CONSTRUCTION, APPROVAL, AND/OR REPAIR. REPAIRS SHALL BE REQUIRED AS DIRECTED BY THE ENGINEER.

ANY ALL JARVIS DESIGN, ADVISING TO CONSTRUCTION ON APPROVAL, USE TO DIRECT REPAIRS TO BE REQUIRED DURING THE PERIOD OF THE THAT FINAL SERVICE CORRECTION HAS NOT BEEN INSTALLED.

SCALE:
1" = 30' HORIZ.
1" = 5' VERT.

STREET E (CONT.)



7B

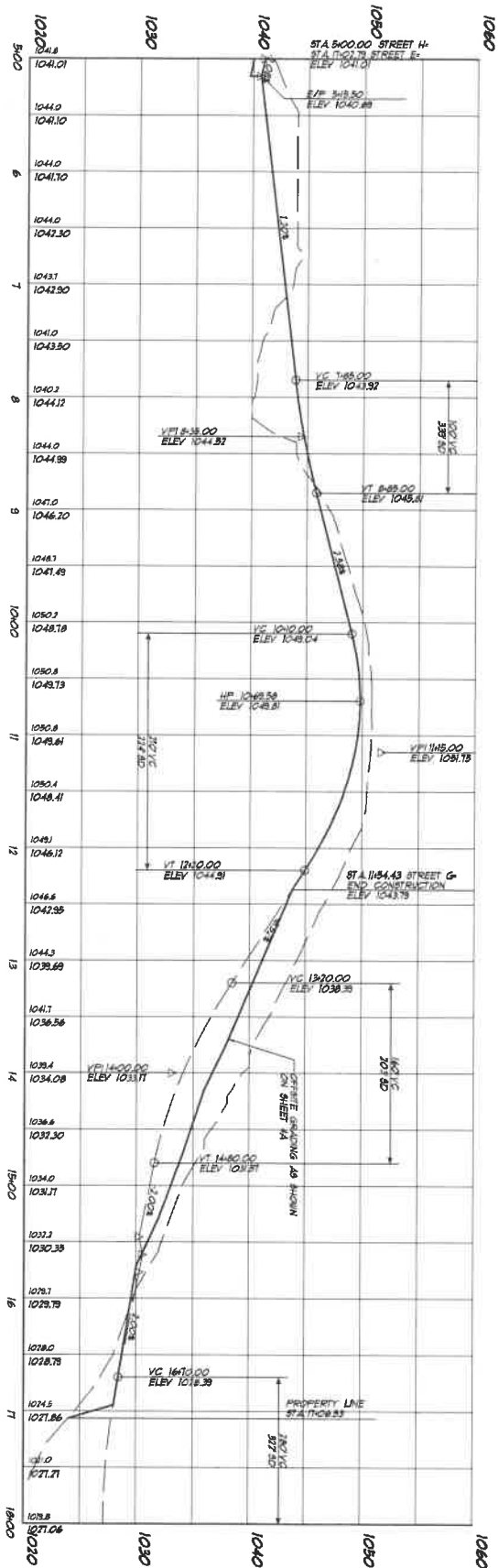
SHEET

DATE: 05/21/16
DESIGNED: TMB
CHECKED: TMB
REVIEWED: TMB

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

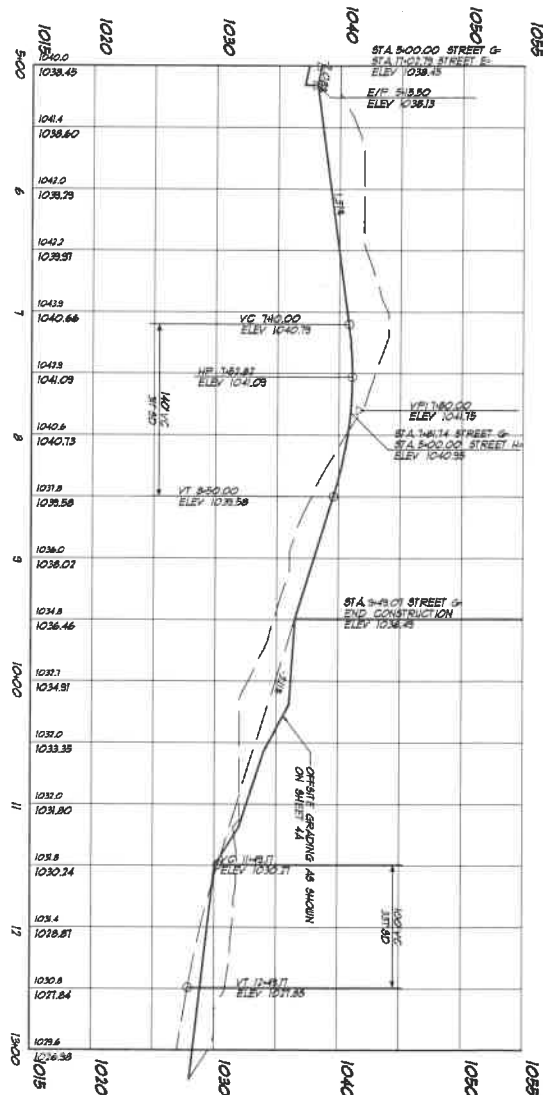
EA Partners, PLLC
CIVIL ENGINEER - LAND SURVEYOR - LANDSCAPE ARCHITECT
211 W. 10TH ST.
NICHOLASVILLE, KY 40131
PHONE: 502.241.1000
FAX: 502.241.1001

STREET H



SCALE:
H = 8' VERT.
V = 8' VERT.

STREET G



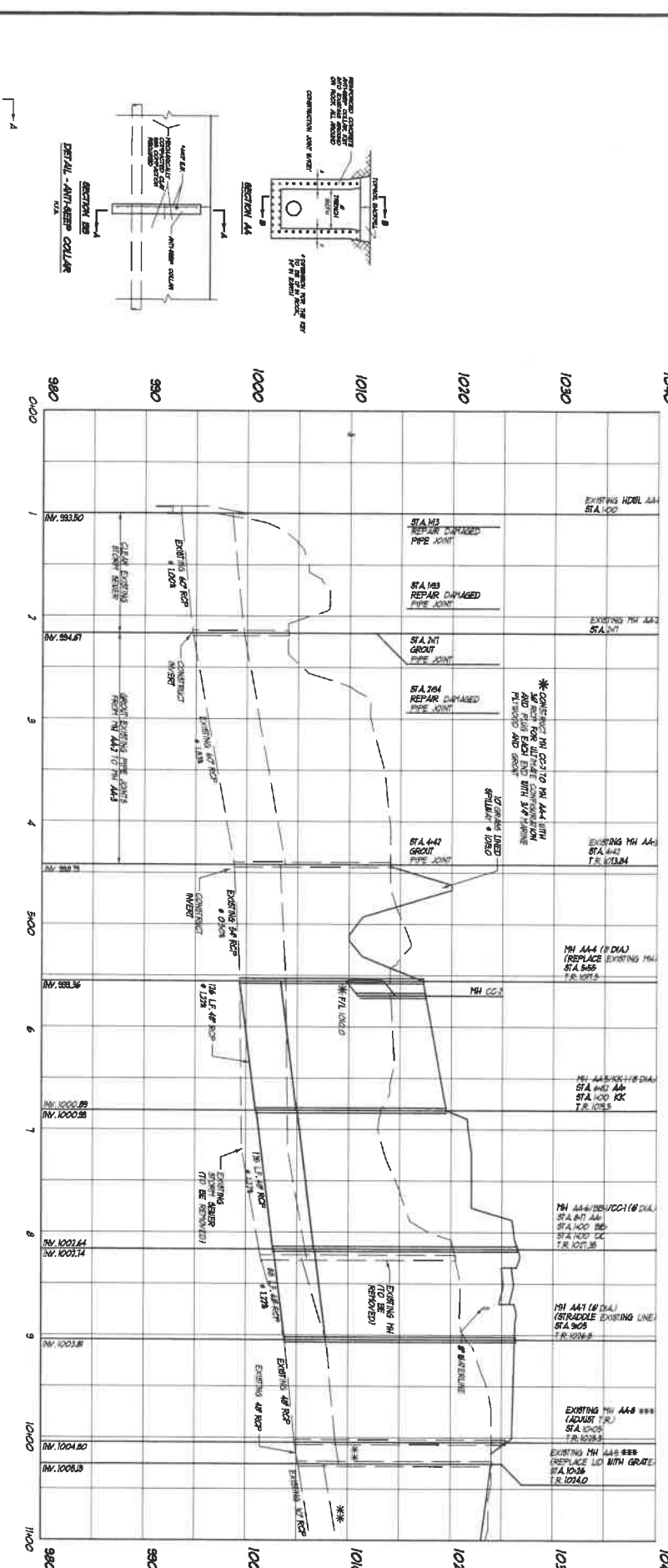
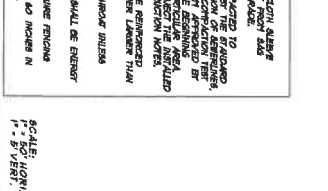
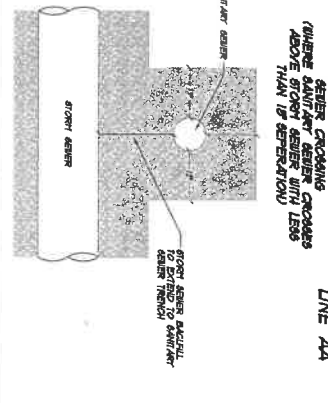
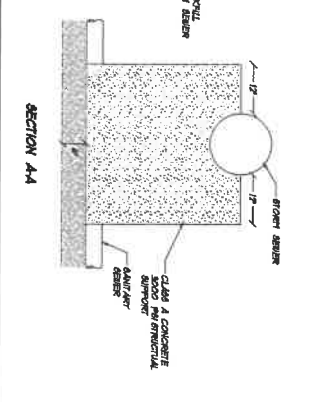
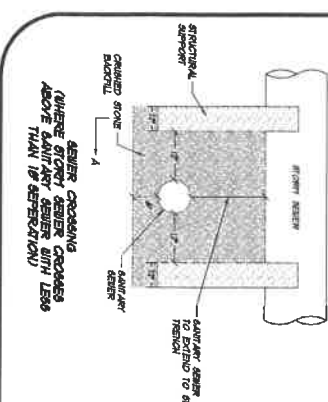
IF ROCK IS ENCOUNTERED DURING STREET CONSTRUCTION, ADEQUATE SURFACE DRAINAGE SHALL BE ASSURED AS DIRECTED BY THE ENGINEER.
ALL ADJACENT PROPERTY OWNERS TO BE NOTIFIED BY THE ENGINEER TO ADVISE OF ANY ADJACENT PROPERTY TO BE AFFECTED BY THE CONSTRUCTION OF THE STREET OR THE PLANTING OF TREES OR OTHER PLANTINGS.

7C

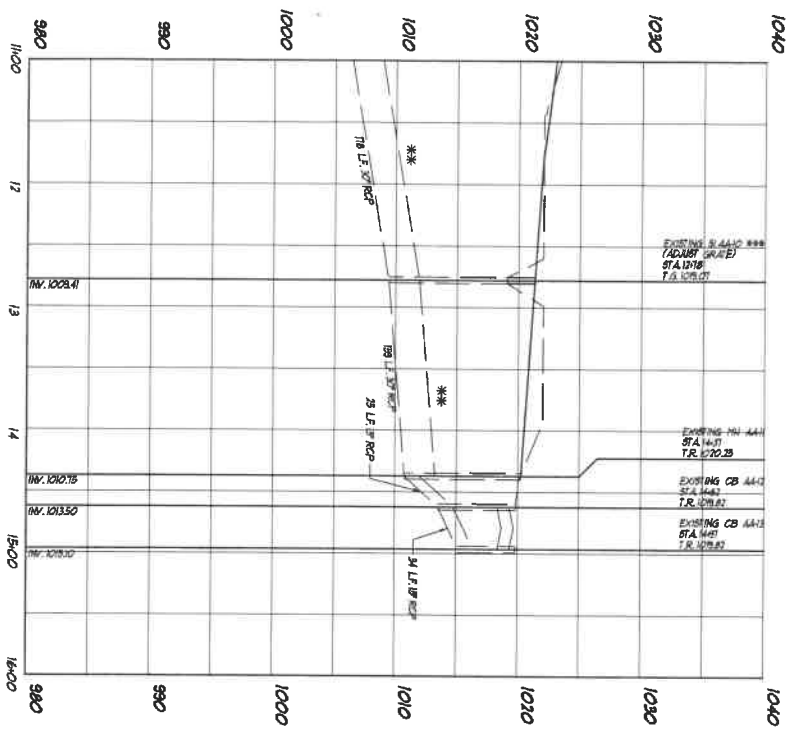
DATE: 05/21/18
DRAWN: T.M.
CHECKED: K.M.
REVISION:

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

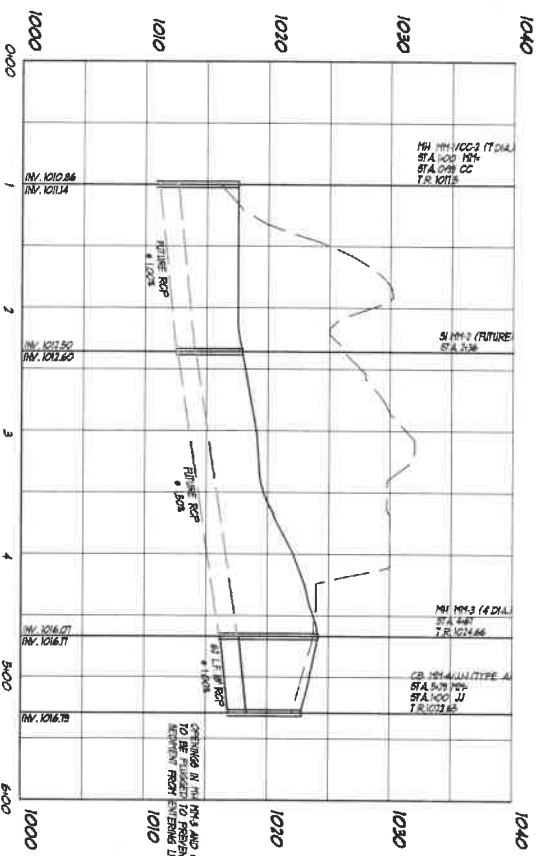
EA Partners, PLLC
CIVIL ENGINEERS LAND SURVEYORS LANDSCAPE ARCHITECTS
3111 WALL STREET
LEXINGTON, KENTUCKY 40503
PHONE (606) 258-0000
FACSIMILE (606) 258-0001



LINE AA (CONT.)



LINE MM



NOTE:
 1. ALL PROPOSED STRUCTURES SHALL BE CONSTRUCTED TO
 2. BE USED IN ACCORDANCE WITH THE DESIGN AND
 3. CONSTRUCTION SPECIFICATIONS FOR STORM SEWER
 4. SYSTEMS, 1995 EDITION, AS PUBLISHED BY THE
 5. KENTUCKY DEPARTMENT OF TRANSPORTATION.
 6. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING
 7. ALL NECESSARY PERMITS AND APPROVALS FROM THE
 8. APPROPRIATE AGENCIES.
 9. ALL STRUCTURES SHALL BE CONSTRUCTED TO
 10. REMAIN IN SERVICE FOR A MINIMUM OF 100 YEARS.
 11. ALL STRUCTURES SHALL BE CONSTRUCTED TO
 12. WITHSTAND A DESIGN LOAD OF 100 PSF.
 13. ALL STRUCTURES SHALL BE CONSTRUCTED TO
 14. WITHSTAND A DESIGN WIND SPEED OF 100 MPH.
 15. ALL STRUCTURES SHALL BE CONSTRUCTED TO
 16. WITHSTAND A DESIGN EARTHQUAKE OF 0.2g.

*** EXISTING STORM SEWER FROM NH 44A TO NH 44B
 TO BE USED IN ACCORDANCE WITH THE DESIGN AND
 CONSTRUCTION SPECIFICATIONS FOR STORM SEWER
 SYSTEMS, 1995 EDITION, AS PUBLISHED BY THE
 KENTUCKY DEPARTMENT OF TRANSPORTATION.
 *** EXISTING STORM STRUCTURES TO BE ADJUSTED
 AS DIRECTED BY THE ENGINEER TO FINAL SITE
 CONDITIONS.

SCALE:
 HORIZ.
 1" = 50'
 VERT.
 1" = 5'

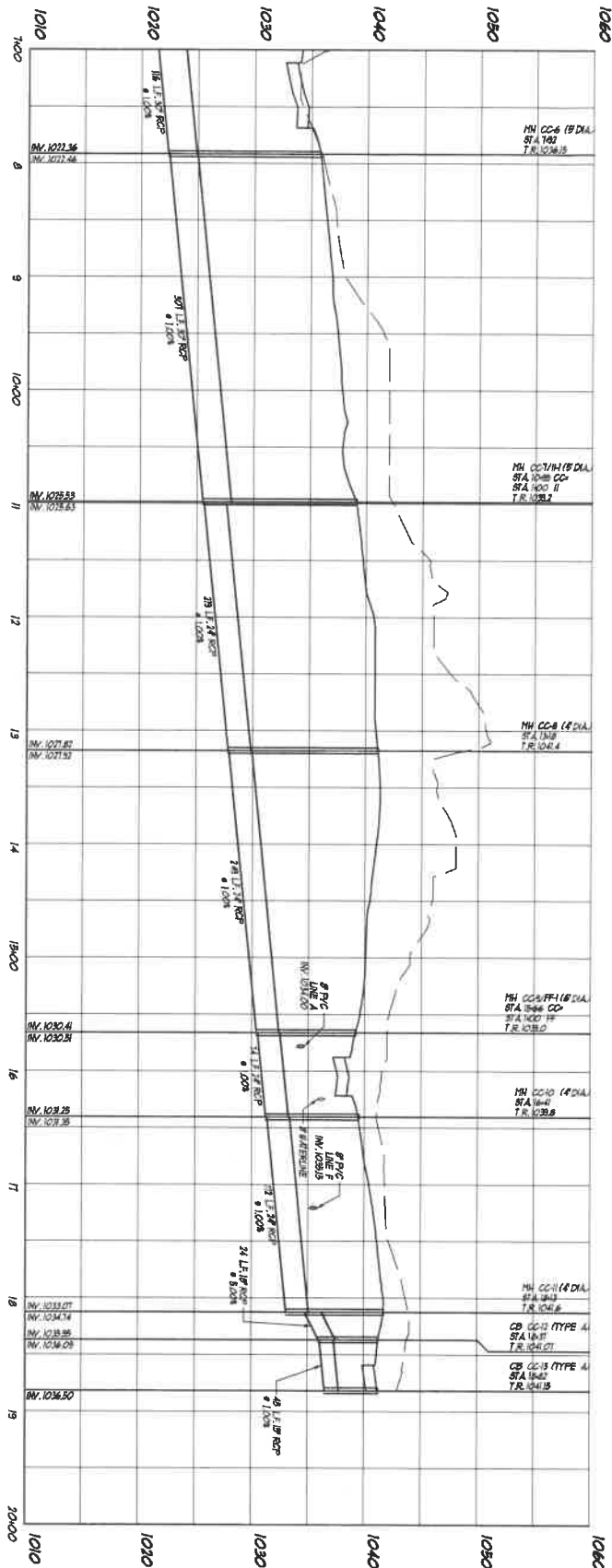
8B

SHEET
 DATE 05/21/18
 CHECKED
 REVISIONS

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

EA Partners, PLLC
 CIVIL ENGINEER • LAND SURVEYOR • LANDSCAPE ARCHITECTS
 2111 WALL STREET
 LEXINGTON, KENTUCKY 40513
 PHONE (606) 254-4889
 FACSIMILE (606) 254-4891

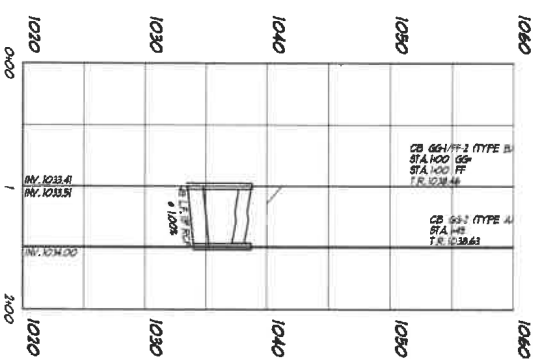
LINE CC (CONT.)



NOTE:
PROPOSED FLOWLINE SHOWN WITH 1/2\"/>

NOTE:
ALL CATCH BASINS SHALL HAVE A TEN FOOT THROAT UNLESS OTHERWISE NOTED.
ALL SEWERS SHALL BE LOCATED ON PERS OVER IF SHALL BE EXHIBIT 10. ALL SEWERS SHALL BE LOCATED ON PERS OVER IF SHALL BE EXHIBIT 10. ALL SEWERS SHALL BE LOCATED ON PERS OVER IF SHALL BE EXHIBIT 10.

SCALE:
1\"/>

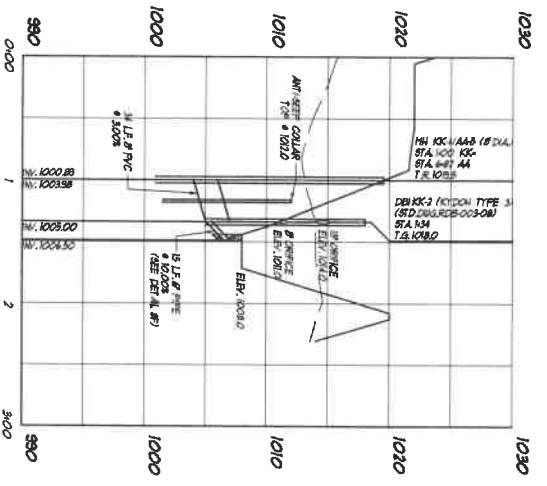
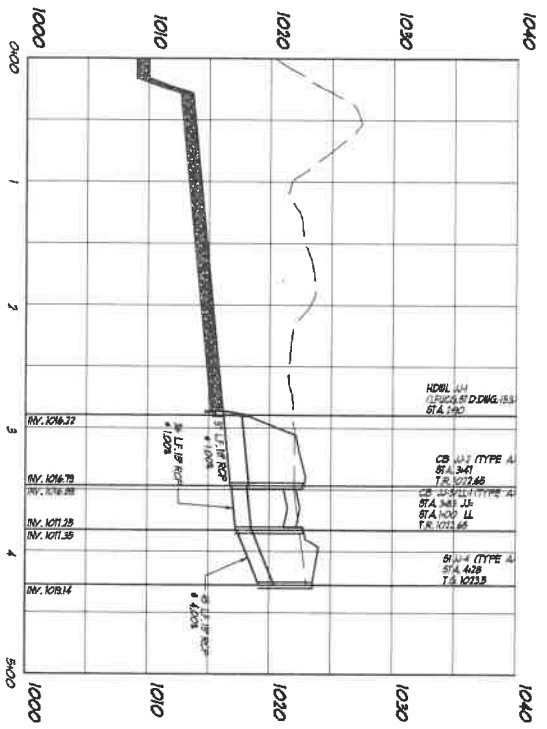
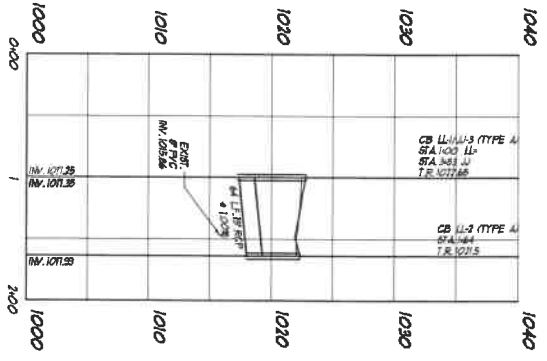
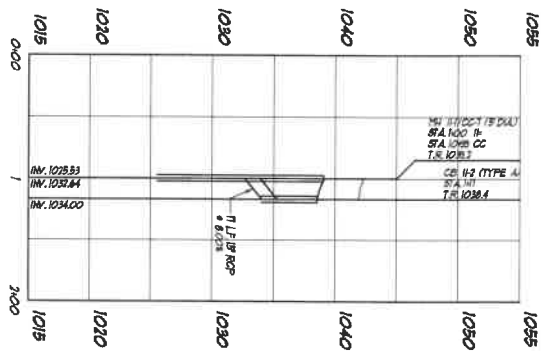
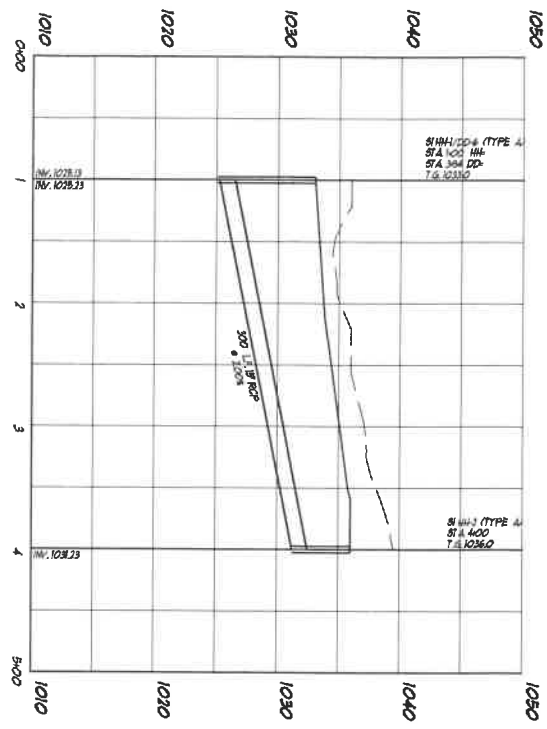
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EA Partners, PLLC



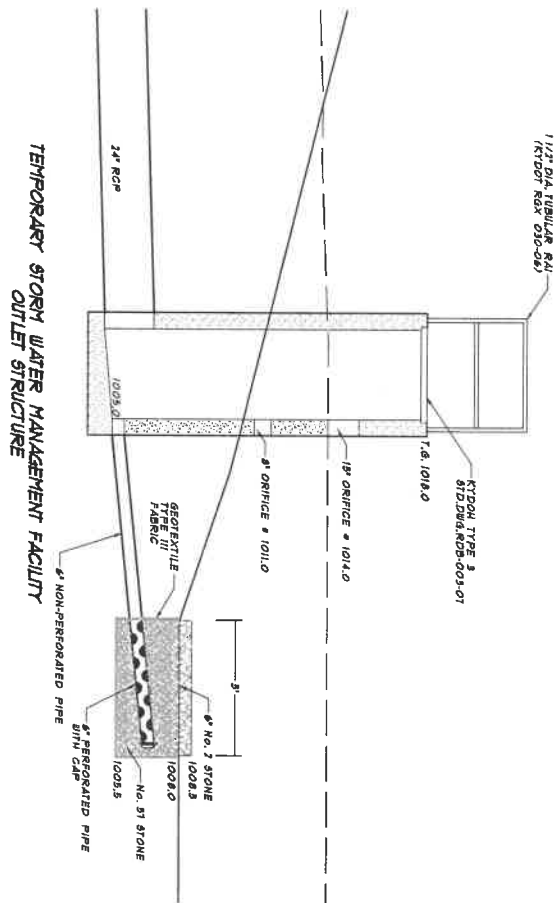
CIVIL ENGINEERS • LAND SURVEYORS • LANDSCAPE ARCHITECTS

3111 WALL STREET
LEXINGTON, KENTUCKY 40518
PHONE: (606) 256-6800
FACSIMILE: (606) 256-6801



NOTES:
 1. ALL SEWER LINES SHALL BE 12" L.B. RCP UNLESS OTHERWISE NOTED.
 2. ALL SEWER LINES SHALL BE 12" L.B. RCP UNLESS OTHERWISE NOTED.
 3. ALL SEWER LINES SHALL BE 12" L.B. RCP UNLESS OTHERWISE NOTED.
 4. ALL SEWER LINES SHALL BE 12" L.B. RCP UNLESS OTHERWISE NOTED.
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 8. ALL SEWER LINES SHALL BE 12" L.B. RCP UNLESS OTHERWISE NOTED.
 9. ALL SEWER LINES SHALL BE 12" L.B. RCP UNLESS OTHERWISE NOTED.
 10. ALL SEWER LINES SHALL BE 12" L.B. RCP UNLESS OTHERWISE NOTED.

SCALE:
 HORIZ. 1" = 50'
 VERT. 1" = 5'



8G

SHEET

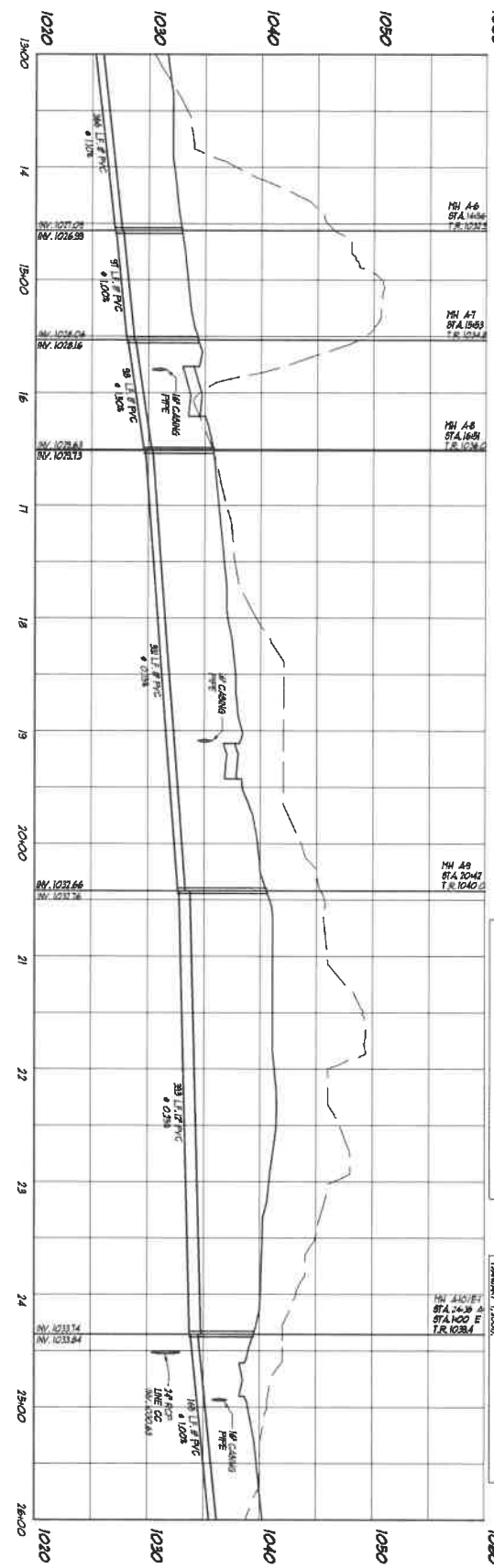
DRAWN: TJH
DATE: 05/21/18
CHECKED:
REVISED:

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

EA Partners, PLLC
CIVIL ENGINEERS LAND SURVEYORS LANDSCAPE ARCHITECTS
8111 HALL STREET
LEWISTON, KENTUCKY 40340
PHONE (502) 246-0451
FAX (502) 246-0452

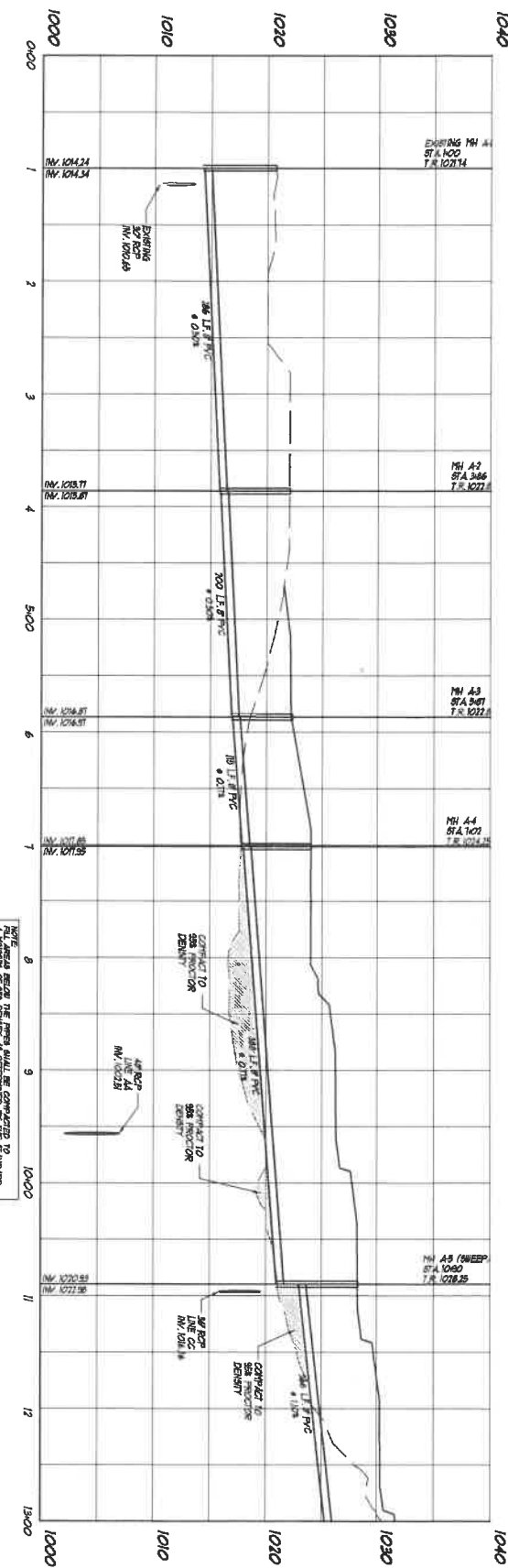
LINE A (CONT.)

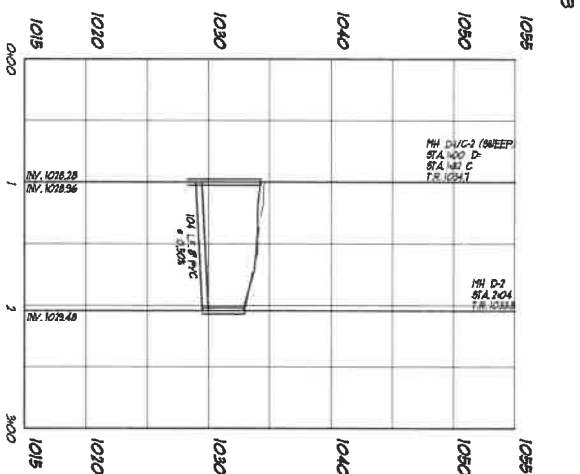
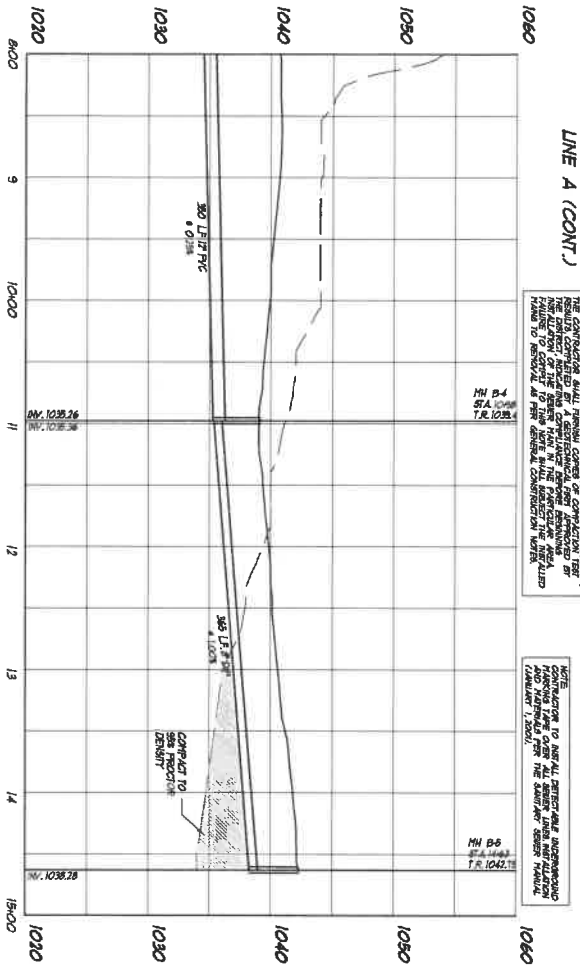
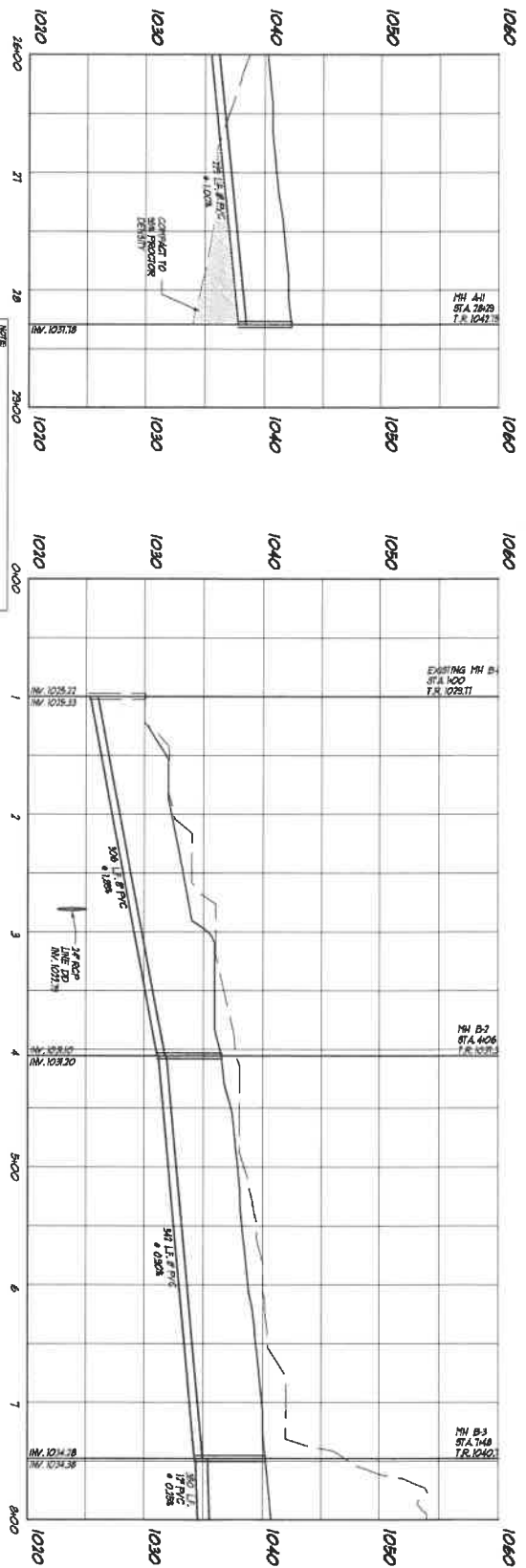
SCALE:
HORIZ.
1" = 30'



NOTE: ALL AREAS BEYOND THE FINAL BUILDING COMPARTMENT TO BE REMOVED TO THE EXISTING GRADE. THE EXISTING GRADE IS SHOWN BY THE DASHED LINE. THE PROPOSED GRADE IS SHOWN BY THE SOLID LINE. THE EXISTING GRADE IS TO BE MAINTAINED TO THE EXISTING GRADE. THE PROPOSED GRADE IS TO BE MAINTAINED TO THE EXISTING GRADE. THE EXISTING GRADE IS TO BE MAINTAINED TO THE EXISTING GRADE. THE PROPOSED GRADE IS TO BE MAINTAINED TO THE EXISTING GRADE.

NOTE: CONSTRUCTION TO MAINTAIN EXISTING GRADE AND MATERIALS FROM THE SURFACE TO THE EXISTING GRADE. (SHEET 1 OF 2)





SCALE:
H = 30' HORIZ.
V = 8' VERT.

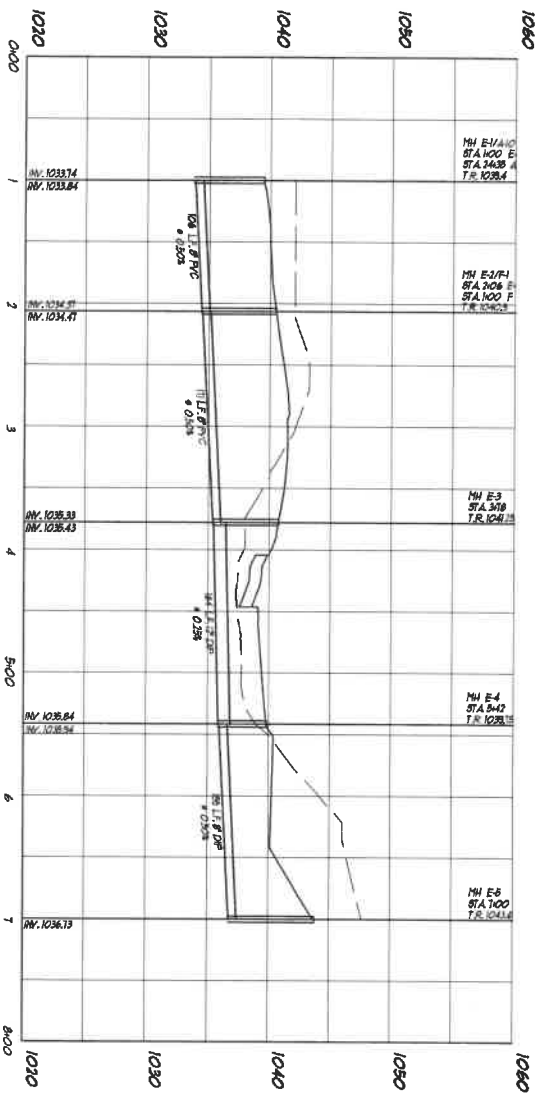
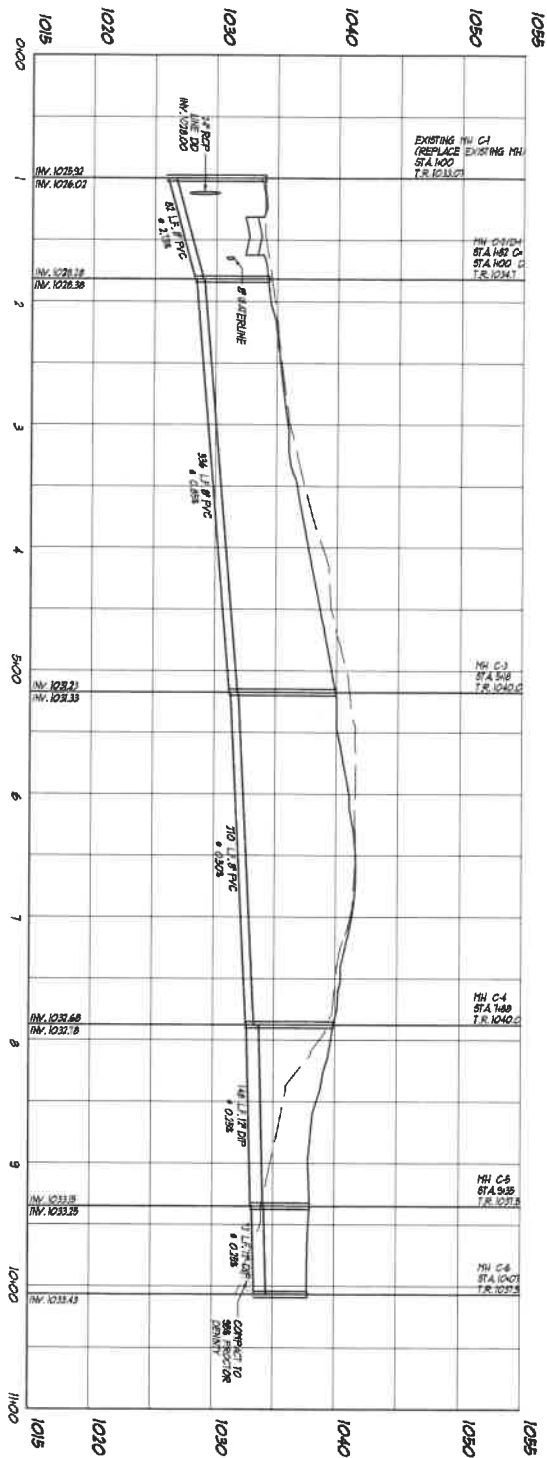
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SHEET

DATE: 05/21/18
CHECKED: [Signature]
REVISION: [Signature]

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

EA Partners, PLLC
CIVIL ENGINEER - LAND SURVEYOR - LANDSCAPE ARCHITECTS
3111 WALL STREET
LEXINGTON, KENTUCKY 40513
PHONE: (606) 256-0000
FACSIMILE: (606) 256-0001



NOTE: CONTRACTOR TO VERIFY ALL EXISTING UNDERGROUND UTILITIES AND VERTICALS WITH THE SANITARY DESIGN TABLE (SHEET 1, 200).

THESE PROFILES ARE BASED ON THE ASSUMPTION THAT THE EXISTING SEWER LINES ARE IN GOOD CONDITION AND THAT THE PROPOSED SEWER LINES WILL BE CONSTRUCTED TO THE SAME STANDARD AS THE EXISTING LINES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE EXISTING LINES AND FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FOR THE PROPOSED LINES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FOR THE PROPOSED LINES.

SCALE:
H = 50' HORIZ.
V = 5' VERT.

A. SITE DESCRIPTION

The project known as Noland Property, Phase 3, Section 2, is a 40 acre residential development located north of Grey Oak Lane and northwest of Hickman Road in the Elk Horn Water District. Phase 3, Section 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 discharges storm sewer into a ditch adjacent to Grey Oak Lane. Surface ditches have silt checked by silt checks. All erosion control features shall be regularly maintained and shall remain in place until 85% of the upstream development is completed.

B. SEDIMENT AND EROSION CONTROL MEASURES

- 1) Prior to mobilization, all tree protection fences and silt fences shall be installed.
- 2) Silt fences shall comply with detail shown on Sheet 11 unless otherwise specified.
- 3) The construction entrance shall be constructed during the first phase of the mobilization.
- 4) OMIIT

D. OTHER CONTROL MEASURES

- 1) All storm water runoff leaving the paved portions of the site shall be collected in the storm sewer system.
- 2) The discharge from the site shall be controlled by a retention basin, located off-site. The off-site basin, The basin shall be monitored yearly. Silt removed from the basin shall be stockpiled and protected with silt fence to ensure it does not re-enter the site.
- 3) Upon complete build out of the upstream watershed, the sedimentation/water quality basin shall be cleaned out to its original volume.

C. Storm Water Management Devices

- 1) All storm water runoff leaving the paved portions of the site shall be collected in the storm sewer system.

E. OTHER STATE OR LOCAL PLANS

- 1) All work shall be performed in accordance with the Lexington-Fayette Urban County Government's District requirements with the South Elkhorn Water management and erosion control.
- 2) All work within the existing stream and wetlands shall be performed in accordance with the Corp of Engineers Permit and the Water Quality Certification issued by the Kentucky Division of Water.
- 3) All work within the sedimentation basin shall be conducted in accordance with dam permit issued by the Kentucky Division of Water.

F. MAINTENANCE

Refer to Section B for discussion of maintenance of the sediment control features.

G. INSPECTION

- 1) Refer to Section B for discussion of inspections of the sediment control features.
- 2) The inspections 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 business days.

- 5) Control measures shall be inspected to ensure correct operation. Accessible discharge locations shall be inspected to insure that velocity dissipation devices are effective in preventing significant impacts to receiving waters.
- 6) Disturbed areas and material storage areas that are exposed to precipitation shall be inspected for the discharge system.

H. NON-STORM WATER DISCHARGES

- 1) The site shall be maintained in a manner such that no storm water discharge is allowed from the site. (i.e. hydraulic fluid, antifreeze, brake fluid, oil, etc.) or be prevented from entering the retention basin or otherwise leaving the site. All non-stormwater fluids and the Ball Home, LLC HAZMAT booklet.
- 2) Should a non-stormwater spill, accident, release or discharge occur, the DWR and Division of Water shall be notified within 24 hours of discovery.
- 3) The only non-storm water discharges which are permitted are those from fire fighting activities, fire extinguishers, fire hoses, fire trucks, fire engines, fire flushing, irrigation or lawn watering, detergent tree building or pavement washing where spills or leaks of toxic materials have not yet occurred or have been noted and cleaned up immediately.

I. CONTRACTORS AND SUBCONTRACTORS

The general contractor or developer shall furnish the Engineer with the contractor or subcontractor that is responsible for implementing and maintaining each portion of the sediment control measures shown on the plans. The contractor or subcontractor shall be identified as part of this certification. All contractors and subcontractors shall sign a copy of this certification and shall be responsible for conducting any professional services at the site. I, certify under penalty of law that I understand the terms and conditions of the General National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification. Copies of the certifications shall be submitted to the Engineer for inclusion in the Best Management Practices Plan. The Engineer shall furnish a copy of the copy of each signed certification to the City of Nicholasville and to the Jessamine South Elkhorn Water District prior to construction.

ENGINEER
This plan has been prepared by:

Thomas W. Hottel, P.E., P.L.S.
EA Partners, P.L.C.

CONTRACTOR / SUBCONTRACTOR
CERTIFICATION

NOLAND PROPERTY PHASE 3, SECTION 2
LEXINGTON, KENTUCKY

NAME	_____
COMPANY	_____
TITLE	_____
ADDRESS	_____
PHONE	_____

I, certify under penalty of law that I understand the terms and conditions of the General National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

SIGNATURE

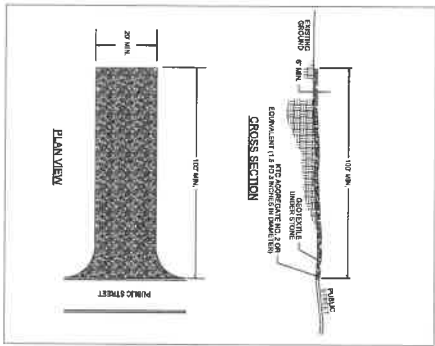
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SHEET

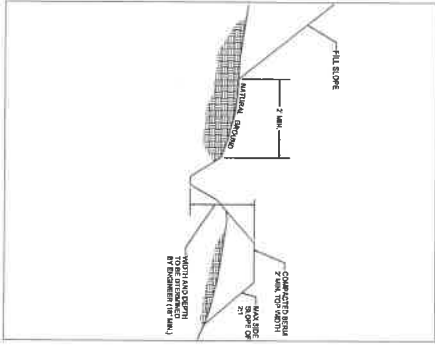
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05/21/18
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BEST MANAGEMENT PRACTICES PLAN
NOLAND PROPERTY
PHASE 3, SECTION 2
NICHOLASVILLE, JESSAMINE COUNTY, KENTUCKY

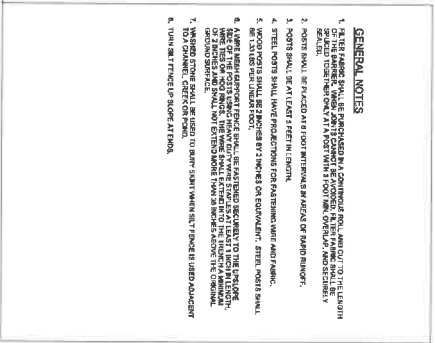
EA Partners, P.L.C.
5111 WALL STREET
LEXINGTON, KENTUCKY 40503
PHONE (606) 256-0000
FACSIMILE (606) 256-0001



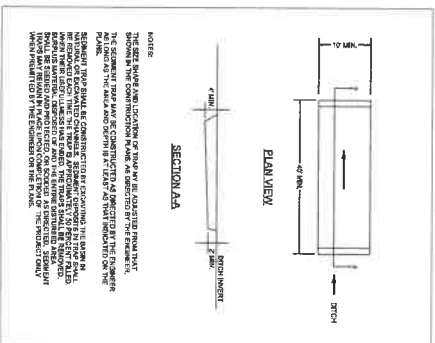
CONSTRUCTION ENTRANCE



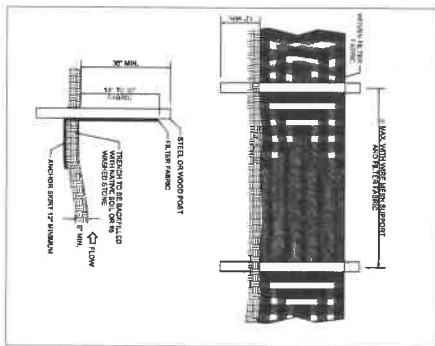
TEMPORARY DIVERSION DITCH



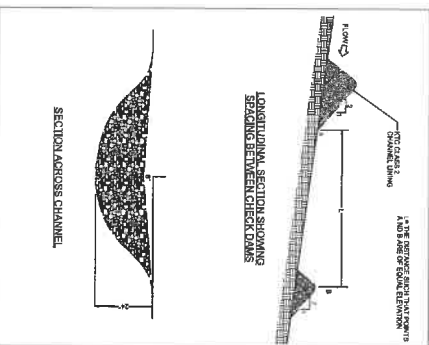
TEMPORARY SILT FENCE
GENERAL NOTES



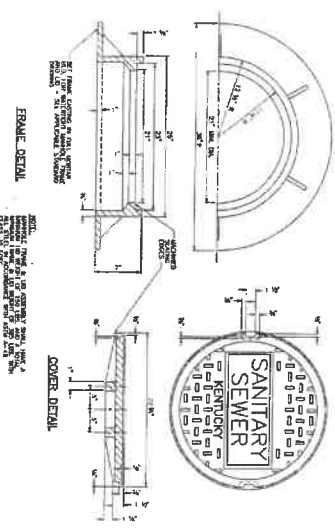
SEDIMENT TRAP DETAIL



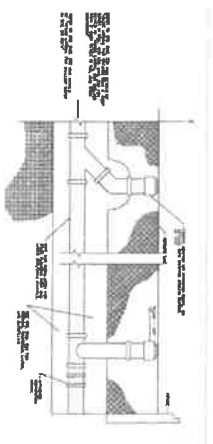
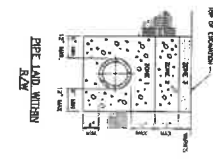
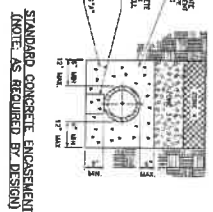
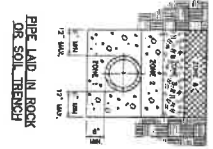
SILT FENCE DETAIL



ROCK CHECK DAM



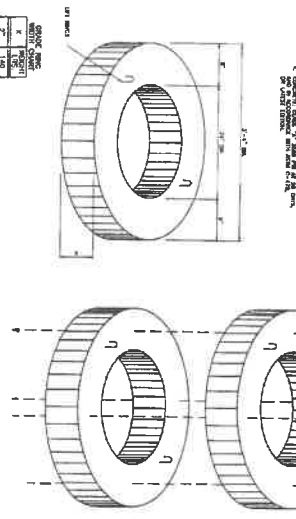
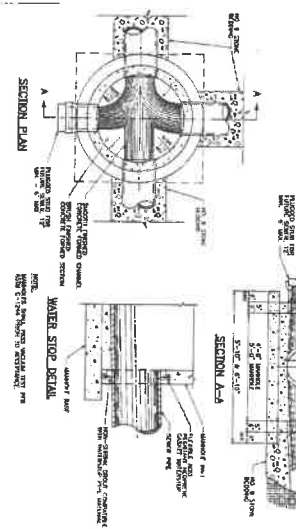
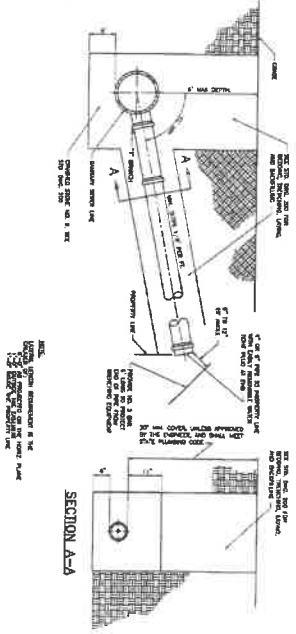
MANHOLE COVER



TRENCH DETAIL

TRENCH DETAIL

LATERAL CLEANOUT IN NON-PAVED AREAS & YARDS



HOUSE LATERAL

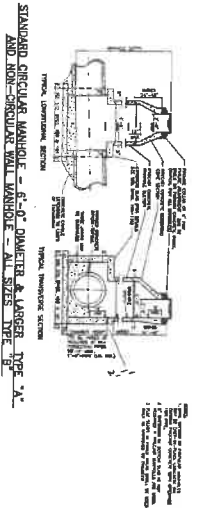
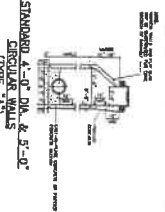
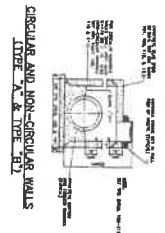
MANHOLE JUNCTION & WATERSTOPS

MANHOLE GRADE RINGS

GENERAL NOTES

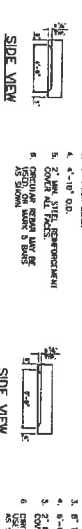
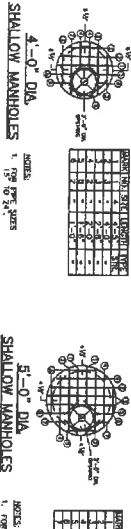
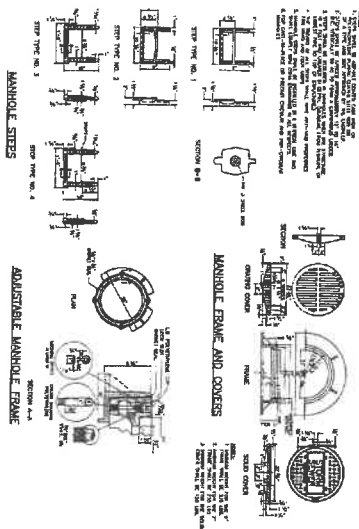
HOUSE CONNECTION GREATER THAN 6' DEEP SEWER IN SOIL & ROCK

HOUSE LATERAL GREATER THAN 6' DEEP SEWER IN SOIL

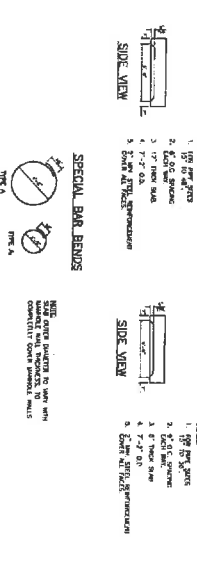
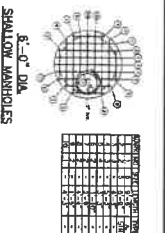
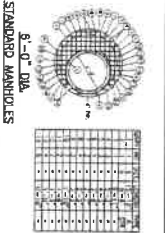


STORM SEWER MANHOLES

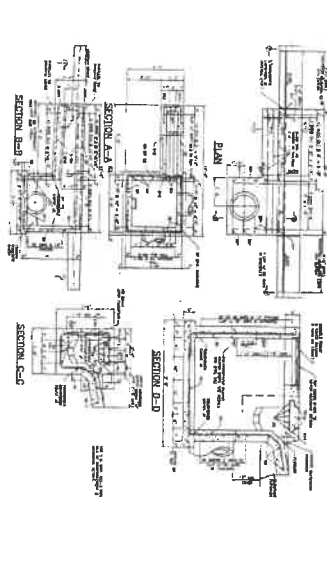
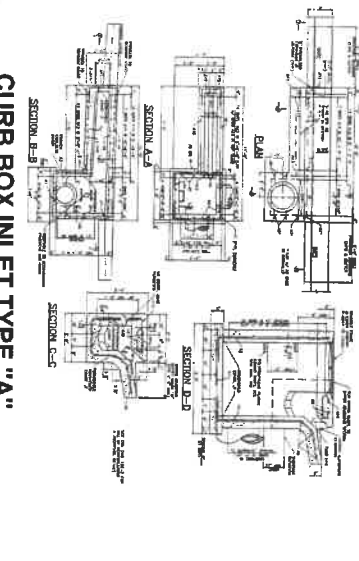
MANHOLE FRAMES, COVERS, & STEPS



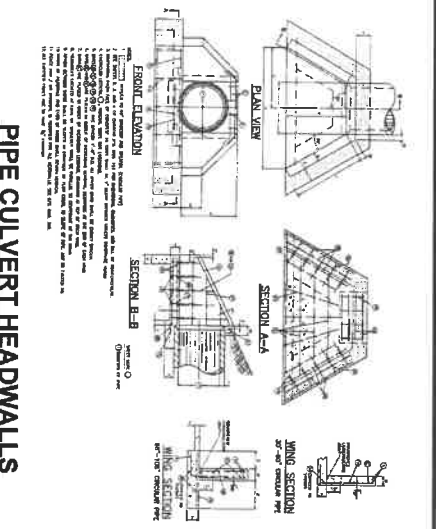
STORM SEWER MANHOLE CIRC. SLABS (4'-0" & 5'-0")



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

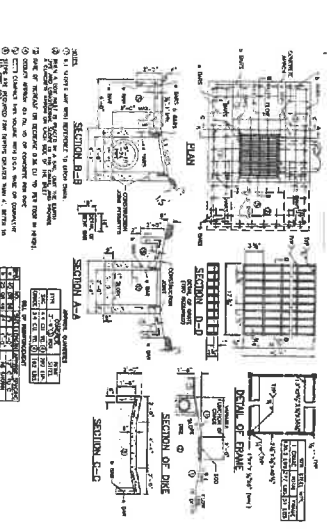


CURB BOX INLET TYPE "B"

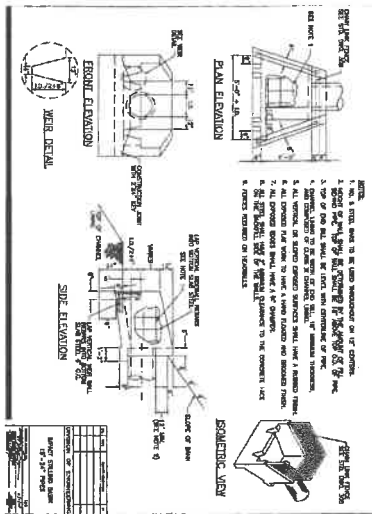


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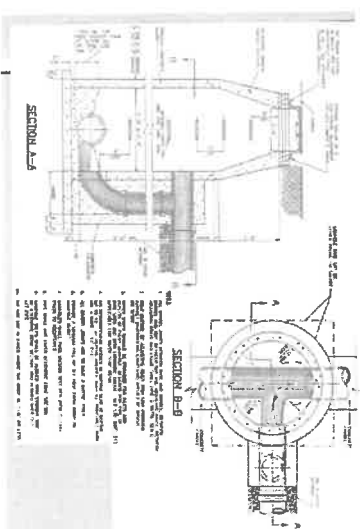
PIPE CULVERT DIAMETERS



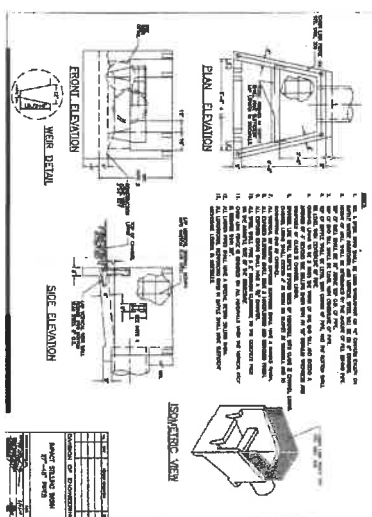
SURFACE INLET TYPE "A"



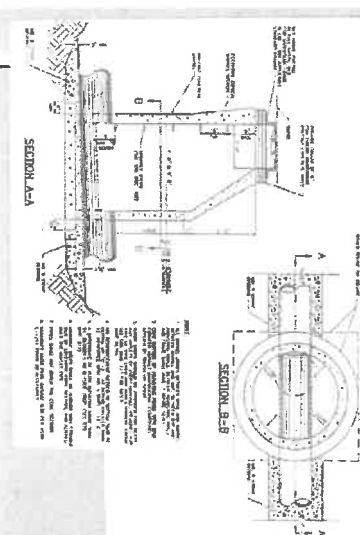
IMPACT STILLING BASIN 15" - 24" PIPES



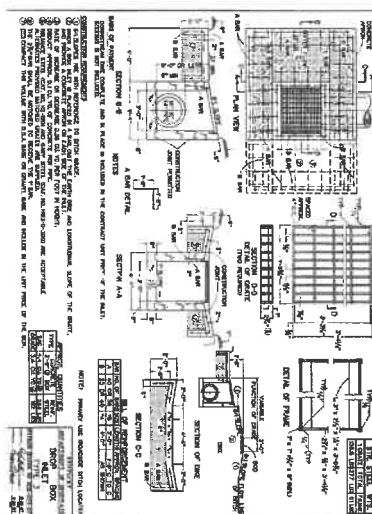
DROP MANHOLE 15"-36" PIPES



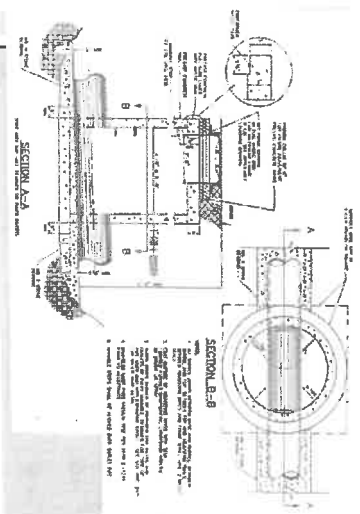
IMPACT STILLING BASIN 27" - 48" PIPES



MANHOLE 15"-36" PIPES



DROP BOX INLET TYPE 3



SHALLOW MANHOLE 15"-36" PIPES

14

DRAWN: TJH
DATE: _____
CHECKED: _____
REVISED: _____

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

EA Partners, PLLC
CIVIL ENGINEERS • LANDSCAPE ARCHITECTS
1000 N. 10TH STREET
NICHOLASVILLE, KY 40301
(606) 223-1111

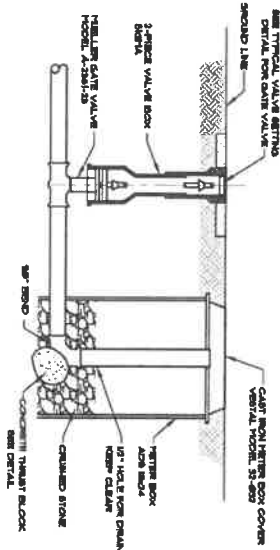


HEADWALLS @ 15° SKEW

-

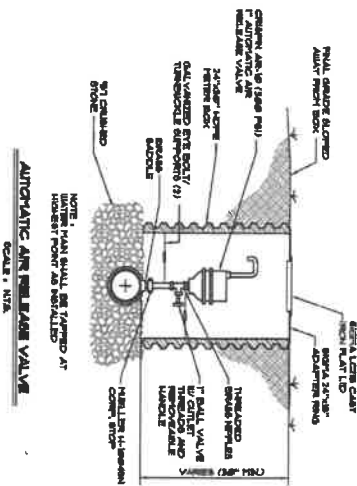
SCALE: NT

NOTE: THE LUMP SUM PRICE SHALL INCLUDE THE GATE VALVE, BOX, FETTER BOX, BIRD, CRANKED STONE & INSTALLATION. THE FINE WILL BE PAID FOR AT THE CONTRACT PRICE.



NOTE: OTHER DIMENSIONS SHALL BE AS SHOWN, BUT LIFT ARM PIPES SHALL ALSO INCLUDE FLAN LINE TEL. DATE VALVE & BLOWOFF PIPES SIZE SHALL BE AS INDICATED ON THE PLANS.

CALL, NY



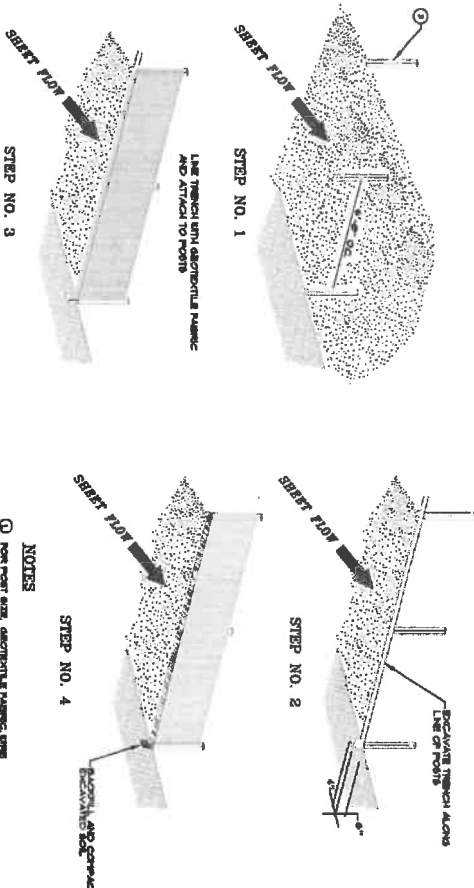
CALL : 877

WATER PUMP HOUL BE TAPPED AT
HIGHEST POINT AS INSTALLED

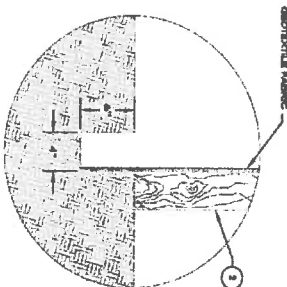
GENERAL NOTES

CONTRACTOR/DEVELOPER SHALL BE SOLELY RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE BROWN-WATER REGULATIONS, INCLUDING ESSENTIAL OF NOI AND NOT.

POLICE SHALL BE NOTIFIED AS REQUIRED BY THE RESPONSIBLE OFFICIALS

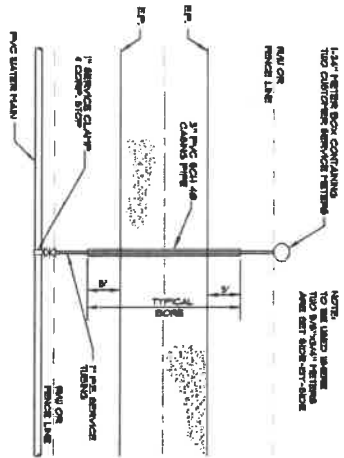


- ① FOR POST SIZE, DESCRIBE FABRIC, STAYS, STAYS AND ALL OTHER FINISH PORTION, SEE THE VENTRY TRANSPORTATION CARRIER DEF. OF HOURS REQUIRED SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OR CALL ME AT highways@edwardjames.com or info@edwardjames.com
- ② PORTS MAY BE ADDON OR RETAIL, T-SECTION.
- ③ PORTS SHALL BE BET 1'-4" DEEP.

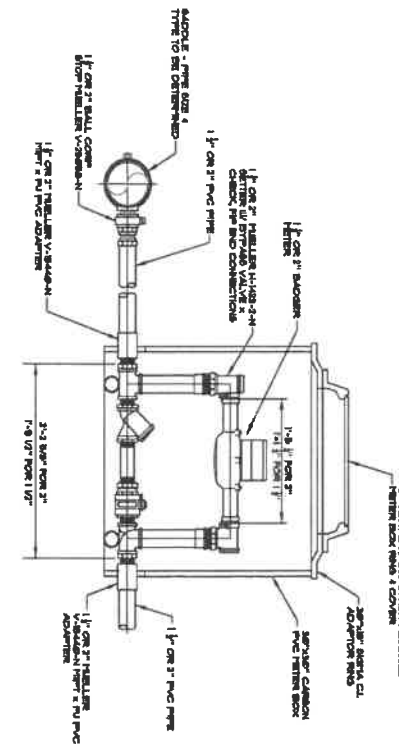
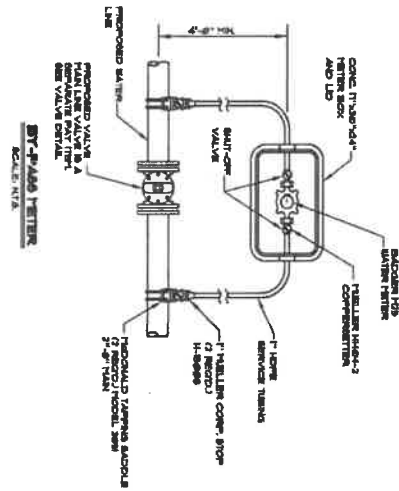


8

PROJECT #40400	DATE FEB. 2006		JESSAMINE COUNTY WATER DISTRICT No. 1 JESSAMINE COUNTY, KENTUCKY 3 HED CIRCLE FRANKFORT, KENTUCKY (502) 635-5800 (502) 635-5800 FAX	JESSAMINE COUNTY WATER DISTRICT No. 1 JESSAMINE COUNTY, KENTUCKY STANDARD DETAILS	SHEET 5D3
DESIGNED BY	DATE				
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RECORD DRAWN					
DATE					
PROJECT #40400	DATE FEB. 2006				
SCALE N/A					
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PROFESSIONAL ENGINEER					
3 HED CIRCLE					
FRANKFORT, KENTUCKY					
(502) 635-5800					
(502) 635-5800 FAX					
JESSAMINE COUNTY WATER DISTRICT No. 1					
JESSAMINE COUNTY, KENTUCKY					
STANDARD DETAILS					
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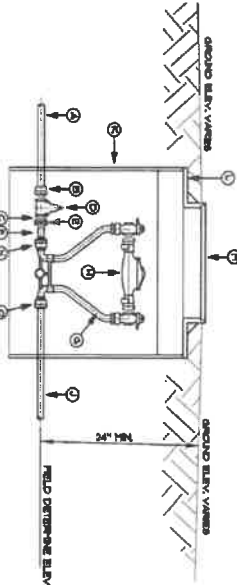


SPECIAL SERVICE LINE CROSSING
SCALE: N/A

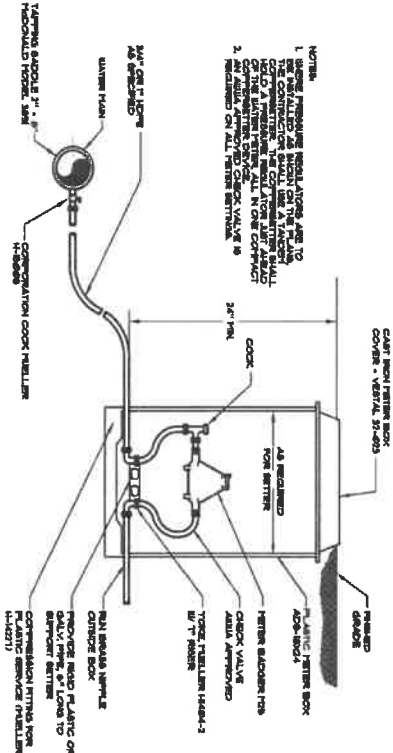


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NO.	DESCRIPTION
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TYPICAL DUAL METER SETTINGS
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TYPICAL METER SETTINGS
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PROJECT: 48480 DATE: FEB. 2008				SHEET: 5 OF 5			
SCALE: N/A				DRAWN BY: CAG			
CHECKED BY: CAG				DATE: 2/2/08			
REVISIONS				REVISIONS			
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JESSAMINE COUNTY WATER DISTRICT No. 1
FRANKFORT, KENTUCKY
(502) 635-3800
(502) 635-3810 FAX

JESSAMINE COUNTY WATER DISTRICT No. 1
JESSAMINE COUNTY, KENTUCKY
STANDARD DETAILS

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

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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. Stake 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 roadway 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.

JESSAMINE COUNTY WATER DISTRICT No. 1
JESSAMINE COUNTY, KENTUCKY

CHIEF

SIDE

