

CONSTRUCTION PLANS

DRAKES' LANDING

UNIT 3



JESSAMINE COUNTY, KENTUCKY

JANUARY 2023

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

HORNE ENGINEERING, INC.

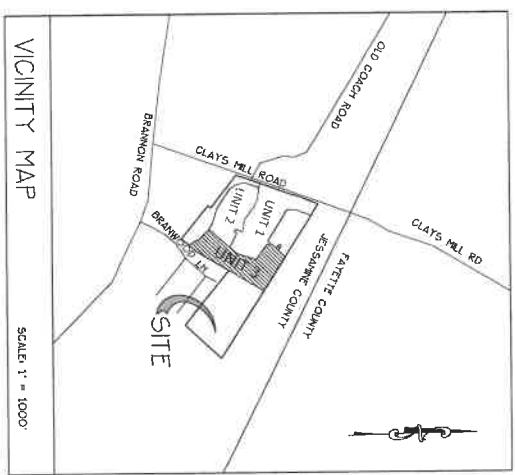
ENGINEERS - PLANNERS - LAND SURVEYORS
 216 SOUTH MAIN STREET - NICHOLASVILLE, KY. 40356
 (859) 885-9441 FAX (859) 885-5160

14 LOTS • 400 GPD = 5600 GPD

WO # 4216
 WO # 4237
 WO # 4238

SOURCE OF CONTROL
 HORIZONTAL STATE PLANS - KENTUCKY SINGLE ZONE
 VERTICAL - MARIANA

UTILITY PROVIDERS
 GAS: GOVERNMENT GAS OF KENTUCKY
 2000 W. MAIN STREET
 LEXINGTON, KY. 40511
 (505) 228-0218
 ELECTRIC: UNISYS
 ONE COLLETT STREET
 LEXINGTON, KY. 40507
 (505) 228-0200
 WATER: JESSAMINE SOUTH EASTERN WATER DISTRICT
 150 W. NEW ORLEANS ROAD SUITE 140
 NICHOLASVILLE, KY. 40356
 (859) 881-0284
 SANITARY SEWER: JESSAMINE SOUTH EASTERN WATER DISTRICT
 150 W. NEW ORLEANS ROAD SUITE 140
 NICHOLASVILLE, KY. 40356
 (859) 881-0284
 TELEPHONE: KENTUCKY BELL
 150 W. NEW ORLEANS ROAD SUITE 100
 NICHOLASVILLE, KY. 40356
 (859) 257-4224
CABLE
 TELEVISION: DIRECTV
 6715 WINDYBROOK ROAD SUITE 140
 NICHOLASVILLE, KY. 40356
 (859) 514-2417



PLANNING COMMISSION APPROVAL

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

Signed _____ Date _____
 Chairman

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GROUP EXHIBIT B

NO.	ACRES	SQ. FT.
1	0.01	3,000
2	0.01	3,000
3	0.01	3,000
4	0.01	3,000
5	0.01	3,000
6	0.01	3,000
7	0.01	3,000
8	0.01	3,000
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98	0.01	3,000
99	0.01	3,000
100	0.01	3,000

GENERAL NOTES

THE EXISTING COUNTRY SHOWN ON LOT 1 IS BEING MAINTAINED AS A PASTURE AND WILL NOT BE PLANNED FOR DEVELOPMENT. THE EXISTING COUNTRY SHOWN ON LOT 2 IS BEING MAINTAINED AS A PASTURE AND WILL NOT BE PLANNED FOR DEVELOPMENT. THE EXISTING COUNTRY SHOWN ON LOT 3 IS BEING MAINTAINED AS A PASTURE AND WILL NOT BE PLANNED FOR DEVELOPMENT.

DEVELOPMENT PLAN NOTES

THE DEVELOPMENT PLAN IS BASED ON THE ASSUMPTION THAT THE EXISTING COUNTRY SHOWN ON LOT 1 IS BEING MAINTAINED AS A PASTURE AND WILL NOT BE PLANNED FOR DEVELOPMENT. THE DEVELOPMENT PLAN IS BASED ON THE ASSUMPTION THAT THE EXISTING COUNTRY SHOWN ON LOT 2 IS BEING MAINTAINED AS A PASTURE AND WILL NOT BE PLANNED FOR DEVELOPMENT. THE DEVELOPMENT PLAN IS BASED ON THE ASSUMPTION THAT THE EXISTING COUNTRY SHOWN ON LOT 3 IS BEING MAINTAINED AS A PASTURE AND WILL NOT BE PLANNED FOR DEVELOPMENT.

LOT NOTES

THE LOTS SHOWN ON THIS PLAN ARE BEING PLANNED FOR DEVELOPMENT AS RESIDENTIAL LOTS. THE LOTS SHOWN ON THIS PLAN ARE BEING PLANNED FOR DEVELOPMENT AS RESIDENTIAL LOTS. THE LOTS SHOWN ON THIS PLAN ARE BEING PLANNED FOR DEVELOPMENT AS RESIDENTIAL LOTS.

BRANWOOD CARE

BRANWOOD CARE IS A COMMUNITY CENTER THAT WILL BE USED FOR THE BENEFIT OF THE RESIDENTS OF THE DEVELOPMENT. BRANWOOD CARE IS A COMMUNITY CENTER THAT WILL BE USED FOR THE BENEFIT OF THE RESIDENTS OF THE DEVELOPMENT. BRANWOOD CARE IS A COMMUNITY CENTER THAT WILL BE USED FOR THE BENEFIT OF THE RESIDENTS OF THE DEVELOPMENT.

DEVELOPMENT PLAN NOTES

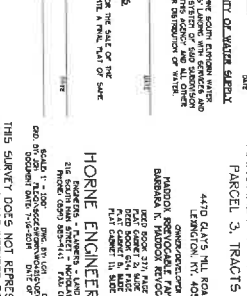
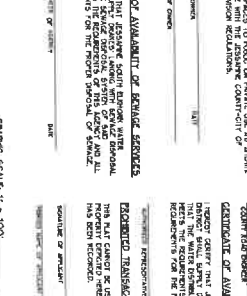
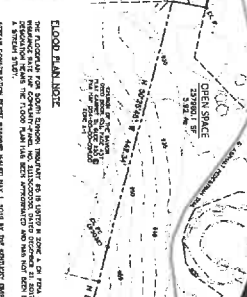
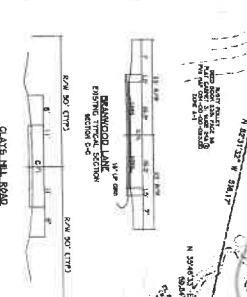
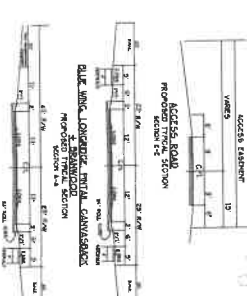
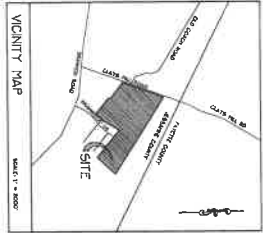
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LEGEND

PROPERTY LINE
 ROAD LOT LINE
 EASEMENT LINE
 EASEMENT LINE
 EASEMENT LINE
 EASEMENT LINE
 EASEMENT LINE

PRELIMINARY PLAN

DRAKES' LANDING

filed

MARGARET J. BAKER ESTATE

PARCELS 3, TRACTS 3A + 4

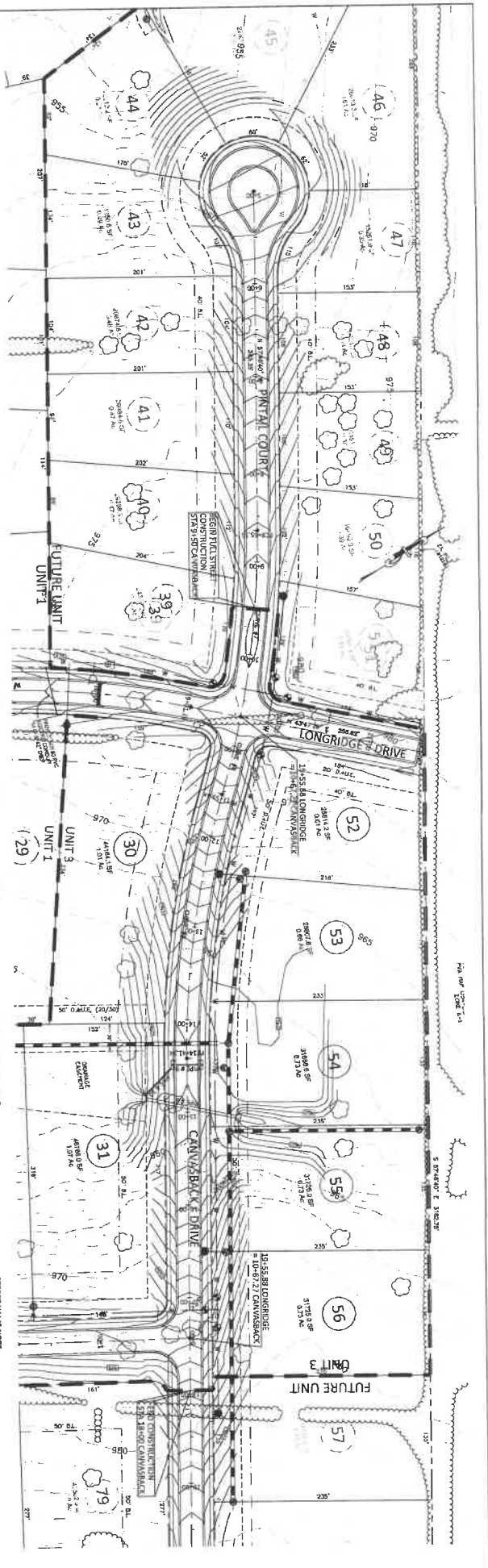
4410 CLAYS, N.W. ROAD P.O.
 OKLAHOMA CITY, OKLAHOMA 73107

HORNE ENGINEERING, INC.

1100 N. WESTERN AVENUE, SUITE 100
 OKLAHOMA CITY, OKLAHOMA 73107

DATE OF SURVEY: 12-28-2008

THIS SURVEY DOES NOT REPRESENT A BOUNDARY SURVEY AND IS NOT INTENDED FOR LAND TRANSFER.



MASS REGRADE NOTE:
 THE FINISH ELEVATION OF THE EXISTING TERRAIN IS SHOWN BY THE DOTTED LINE. THE PROPOSED FINISH ELEVATION IS SHOWN BY THE SOLID LINE. ALL REGRADE AREAS SHALL BE CONSTRUCTED TO THE FINISH ELEVATION SHOWN. THE FINISH ELEVATION SHALL BE DETERMINED BY THE SURVEYOR'S FIELD MEASUREMENTS AND SHALL BE SHOWN ON THE CONSTRUCTION DOCUMENTS.

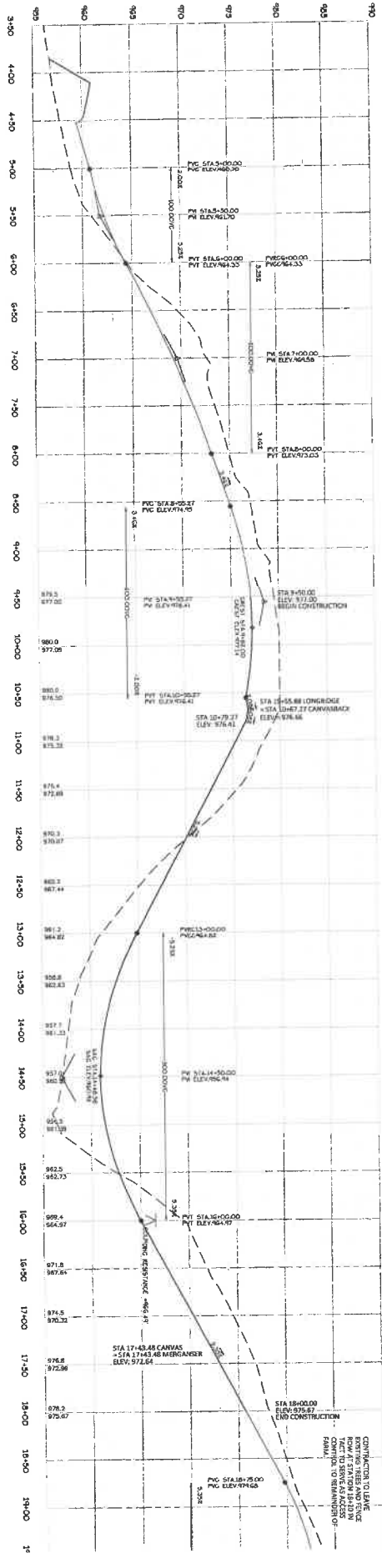
CLINE # 7
 P=100.00'
 R=201.92'
 ΔE=20.12°
 ΔS=19.98' W
 ΔN=20.12' E
 ΔE=20.12' E
 ΔS=19.98' W
 ΔN=20.12' E

CLINE # 8
 P=100.00'
 R=201.92'
 ΔE=20.12°
 ΔS=19.98' W
 ΔN=20.12' E

CLINE # 9
 P=100.00'
 R=201.92'
 ΔE=20.12°
 ΔS=19.98' W
 ΔN=20.12' E

CONSTRUCTED FILL NOTE:
 ALL CONSTRUCTED FILL SHALL BE COMPACTED TO THE PROPOSED FINISH ELEVATION. THE PROPOSED FINISH ELEVATION IS SHOWN BY THE SOLID LINE. THE EXISTING FINISH ELEVATION IS SHOWN BY THE DOTTED LINE. ALL REGRADE AREAS SHALL BE CONSTRUCTED TO THE FINISH ELEVATION SHOWN. THE FINISH ELEVATION SHALL BE DETERMINED BY THE SURVEYOR'S FIELD MEASUREMENTS AND SHALL BE SHOWN ON THE CONSTRUCTION DOCUMENTS.

SHEET NAME NOTE:
 SHEET 11 IS THE FINAL SHEET FOR THIS PROJECT. SHEET 12 IS THE FINAL SHEET FOR THIS PROJECT. SHEET 13 IS THE FINAL SHEET FOR THIS PROJECT. SHEET 14 IS THE FINAL SHEET FOR THIS PROJECT. SHEET 15 IS THE FINAL SHEET FOR THIS PROJECT.



NO.	DESCRIPTION	BY	DATE	SCALE
1	LONGRIDGE DRIVE	JK	1/16/23	H: 1"=50'
2	CANVASBACK DRIVE	JK		V: 1"=5'
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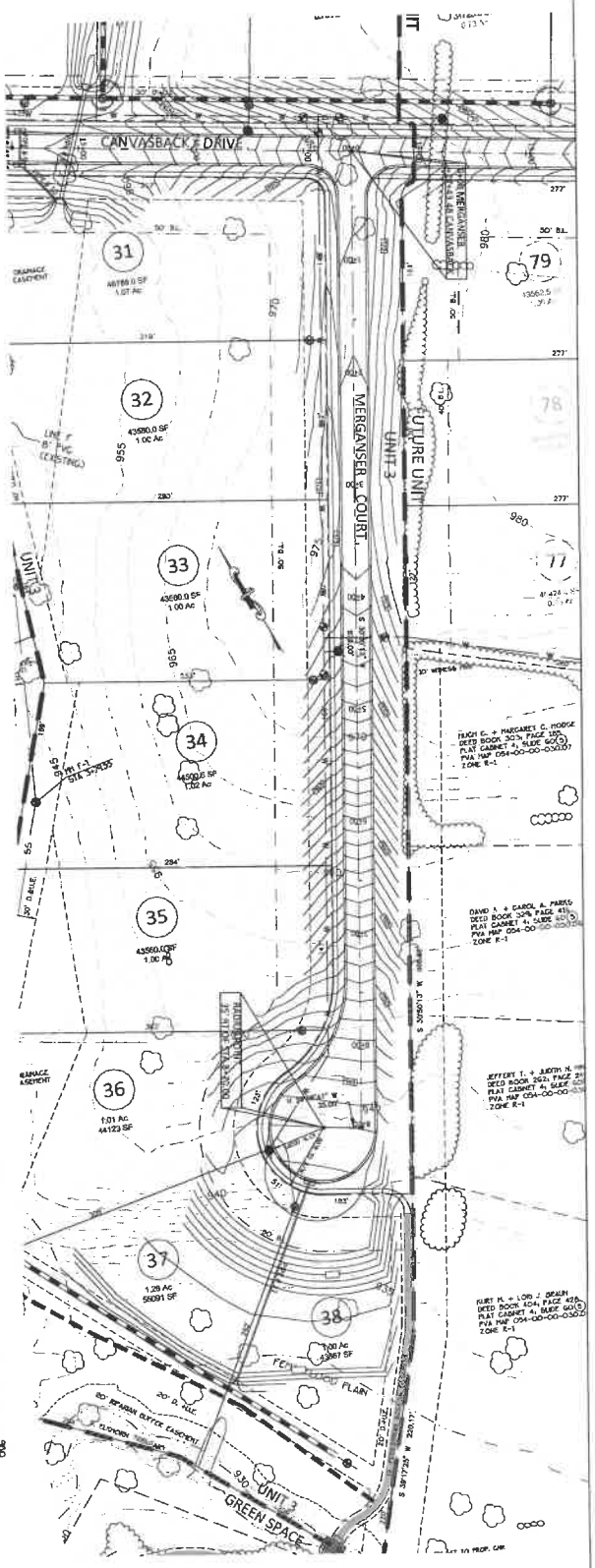
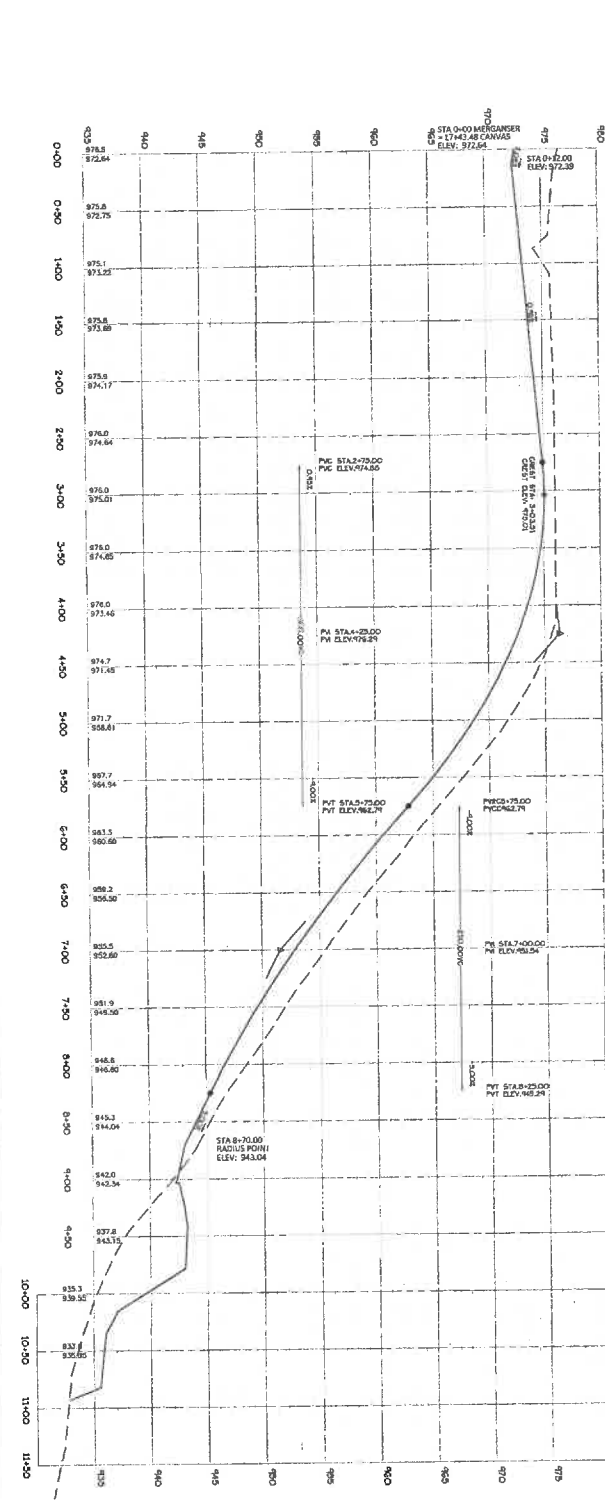
DRAKES LANDING - UNIT 3
 LONGRIDGE PLANTATION, LLC
 CANV HILL ROAD, ESSAMINE COUNTY, KENTUCKY

HORNE ENGINEERING, INC.
 ENGINEERS - PLANNERS - LAND SURVEYORS
 216 S. MAIN ST., SUITE 200
 GOSHAWK, KY 40309
 (502) 765-5441 FAX (502) 765-5150

CANVASBACK DRIVE
 STA 9+50 TO 19+00

SHEET
 3 OF 15

NO.	EXTENSIONS	BY	DATE	SCALE	DRAKES' LANDING - UNIT 3 LONG RIDGE PLANTATION, LLC CLAYS HILL ROAD, JESSAMINE COUNTY, KENTUCKY	HORNE ENGINEERING, INC. 218 SOUTH MAIN STREET, INDEPENDENCE, KY 40326 (502) 885-9441 FAX (502) 885-5150	MERGANSER COURT STA 0+00 TO STA 8+70.00	SHEET 4 OF 15
REV	DATE	SCALE						



UTILITIES PLAN

DRAKES' LANDING
UNIT 3

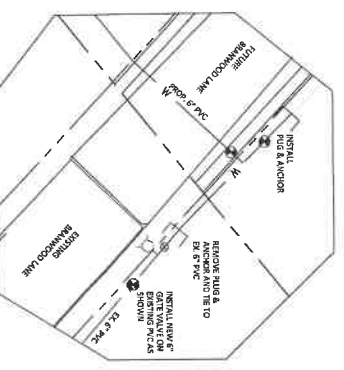
4470 CLAYS MILL ROAD EXT.
LEWISTON, KY 40524
OWNERS/DEVELOPER
LONG RIDGE PLANNING, LLC

HORNE ENGINEERING, INC.

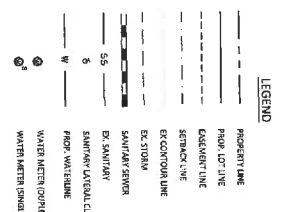
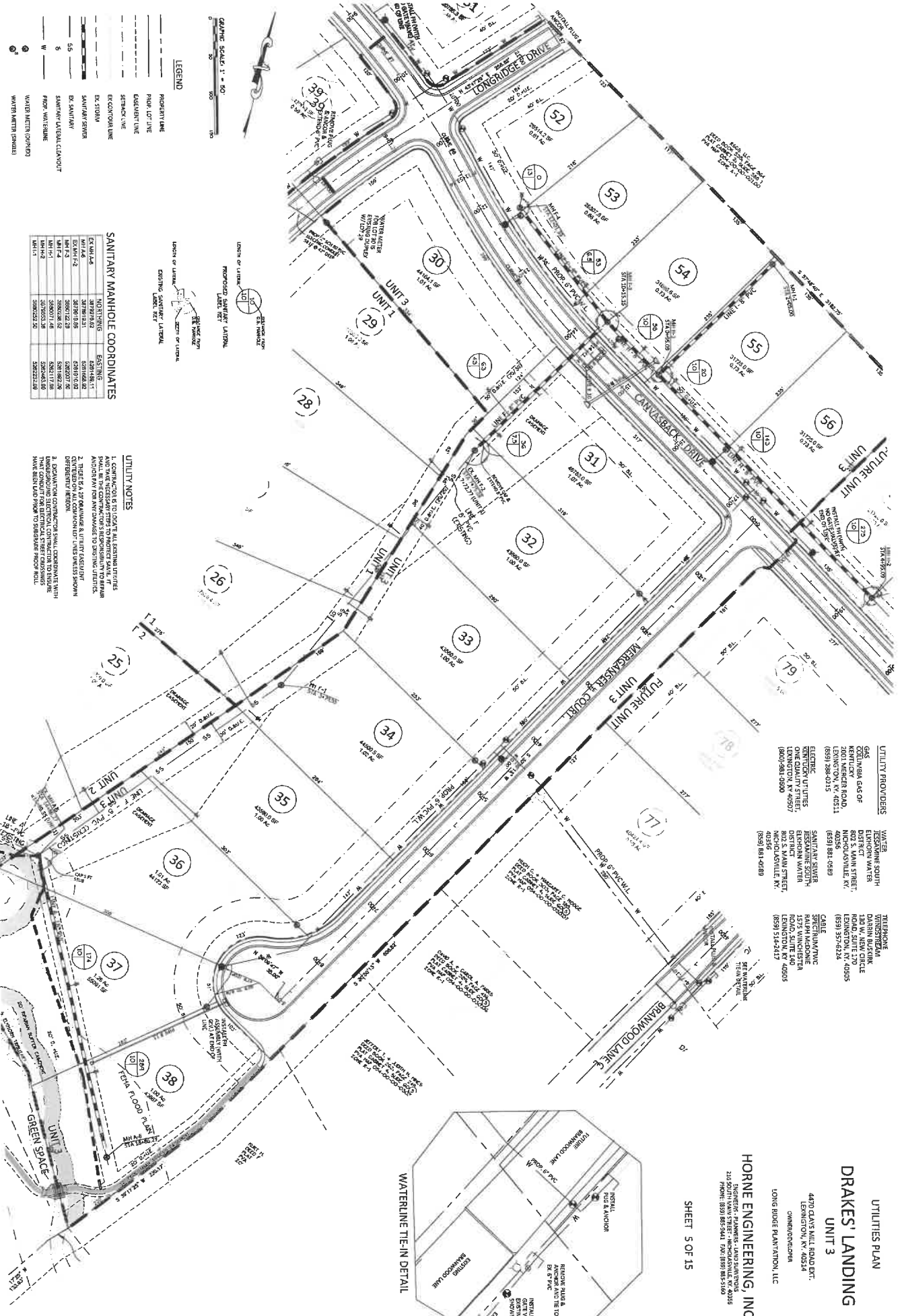
ENGINEERS - PLANNERS - LAND SURVEYORS
210 SOUTH MAIN STREET - LEWISTON, KY 40502
PHONE: (502) 883-5001 FAX: (502) 883-5005

SHEET 5 OF 15

WATERLINE TIE-IN DETAIL



- UTILITY PROVIDERS**
- GAS**
KENTUCKY GAS
2001 MERCER ROAD
LEWISTON, KY 40511
(502) 285-0215
 - ELECTRIC**
KENTUCKY POWER
2001 MERCER STREET
LEWISTON, KY 40507
(502) 284-0900
 - WATER**
WINDYBROOK SOUTH
LEWISTON WATER
802 S. MAIN STREET
NICHOLASVILLE, KY
(606) 881-0589
 - SANITARY SEWER**
KENTUCKY POWER
2001 MERCER STREET
LEWISTON, KY 40507
(502) 881-0589
 - TELEPHONE**
SPECTRUM
1575 WINCHESTER
ROAD, SUITE 110
LEWISTON, KY 40505
(502) 517-8224
 - CABLE**
SPECTRUM
1575 WINCHESTER
ROAD, SUITE 110
LEWISTON, KY 40505
(502) 517-8224
 - SEE WATERLINE**
TEAM PERIOD



SANITARY MANHOLE COORDINATES

MANHOLE	EXISTING	PROPOSED
MH-1	528118.20	528118.20
MH-2	528118.20	528118.20
MH-3	528118.20	528118.20
MH-4	528118.20	528118.20
MH-5	528118.20	528118.20
MH-6	528118.20	528118.20
MH-7	528118.20	528118.20
MH-8	528118.20	528118.20
MH-9	528118.20	528118.20
MH-10	528118.20	528118.20
MH-11	528118.20	528118.20

- UTILITY NOTES**
1. CONSTRUCTION TO OCCUR AT ALL UTILITIES LOCATIONS SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR PAY FOR ANY DAMAGE TO EXISTING UTILITIES.
 2. THERE IS A 6' OVERLAP OF UTILITIES EXISTING DIFFERENTLY IN THIS AREA.
 3. DEPARTMENT CONTRACTORS SHALL COORDINATE WITH UNDERGROUND UTILITIES CONTRACTORS TO ENSURE ALL UTILITIES ARE PROTECTED AND NOT DAMAGED.
 4. ALL UTILITIES SHALL BE PROTECTED FROM ALL DAMAGE AND BE REPAIRED TO ORIGINAL CONDITION.

LANDSCAPE NOTES

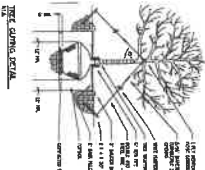
1. CONTRACTOR IS TO LOCATE ALL BURNING UTILITY AND TIE-IN REQUIREMENTS TO PROJECT SITE.
2. ALL CONDUITS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
3. ALL UTILITIES SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR.
4. ALL UTILITIES SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR.
5. ALL UTILITIES SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR.
6. STREET LIGHTS SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR.
7. ALL UTILITIES SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR.
8. ALL UTILITIES SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR.
9. ALL UTILITIES SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR.
10. ALL UTILITIES SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR.

SURPLUS WASTE
 CONTRACTOR SHALL MAINTAIN SURPLUS WASTE IN CONTAINERS AND SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL SURPLUS WASTE. CONTRACTOR SHALL MAINTAIN ALL SURPLUS WASTE IN CONTAINERS AND SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL SURPLUS WASTE.

PLANT SCHEDULE

SYMBOL	COMMON NAME (BOTANICAL NAME)	SIZE	QUANTITY	SPACING
(Symbol)	Eastern White Pine (Pinus strobus)	5' - TALL	4	AS SHOWN
(Symbol)	Red Oak (Quercus rubra)	2"	03	20' OC

NOTE: TREE PLANTINGS SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR. CONTRACTOR SHALL MAINTAIN ALL PLANTINGS IN CONTAINERS AND SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL SURPLUS WASTE.



LOCATION KEY

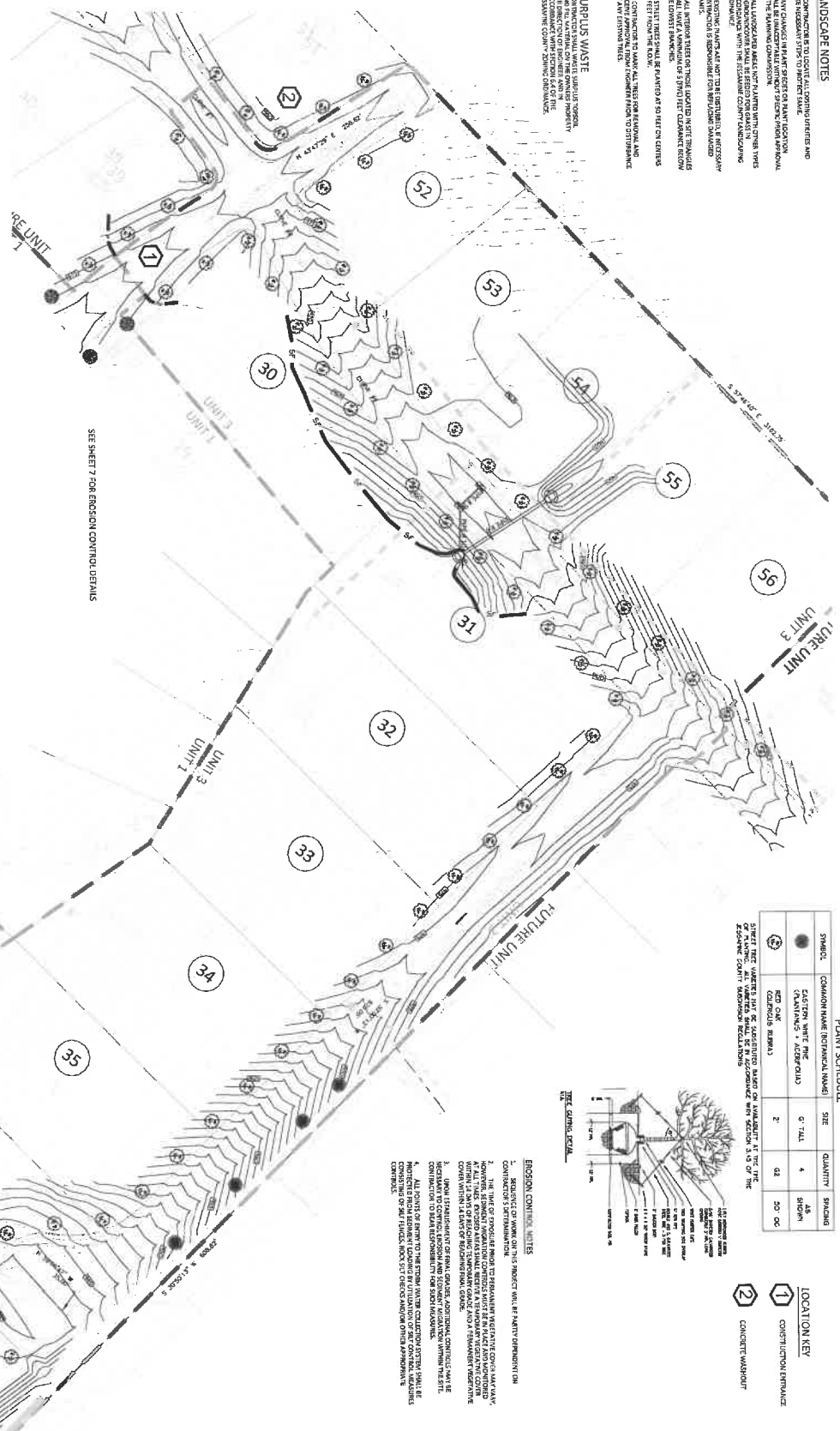
1. CONSTRUCTION ENTRANCE
2. CONCRETE WASHOUT

LANDSCAPING AND EROSION & SEDIMENT CONTROL PLAN
DRAKES' LANDING
 UNIT 3

4470 DAVIS WOOD PK.
 LEWISTON, KY 40514
 OWNER/DEVELOPER
 LONG RIDGE PLANTATION, LLC
 ENGINEER - LANDSCAPING
 HORNE ENGINEERING, INC.
 216 SOUTH MAIN STREET - LEWISTON, KY 40505
 PHONE: (606) 882-5441 FAX: (606) 882-5480
 SHEET 6 OF 15

EROSION CONTROL NOTES

1. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES AT ALL TIMES AND SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL SURPLUS WASTE.
2. THE TYPE OF EROSION CONTROL MEASURES TO BE INSTALLED SHALL BE DETERMINED BY THE CONTRACTOR AND SHALL BE APPROVED BY THE ENGINEER.
3. EROSION CONTROL MEASURES SHALL BE INSTALLED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR.
4. EROSION CONTROL MEASURES SHALL BE INSTALLED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR.
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14. EROSION CONTROL MEASURES SHALL BE INSTALLED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR.
15. EROSION CONTROL MEASURES SHALL BE INSTALLED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR.



FILE MATERIAL NOTE

CONTRACTOR SHALL MAINTAIN ALL FILE MATERIAL IN CONTAINERS AND SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL SURPLUS WASTE. CONTRACTOR SHALL MAINTAIN ALL FILE MATERIAL IN CONTAINERS AND SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL SURPLUS WASTE.

LEGEND

- PROPERTY LINE
- PIVOT LOT LINE
- BOUNDARY LINE
- SETBACK LINE
- EX. CONTOUR LINE
- 90/20 SAVANNAH
- 6/6
- 8/6 SAVANNAH
- PROPOSED SETBACK

BRUSHPILE SHEET NOTE

THE BRUSHPILE SHEET SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR. CONTRACTOR SHALL MAINTAIN ALL BRUSHPILES IN CONTAINERS AND SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL SURPLUS WASTE.

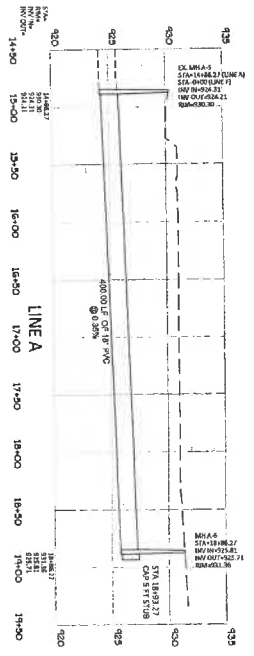
FLOODWAY NOTE

THE FLOODWAY SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE PROTECTED BY THE CONTRACTOR. CONTRACTOR SHALL MAINTAIN ALL FLOODWAYS IN CONTAINERS AND SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL SURPLUS WASTE.

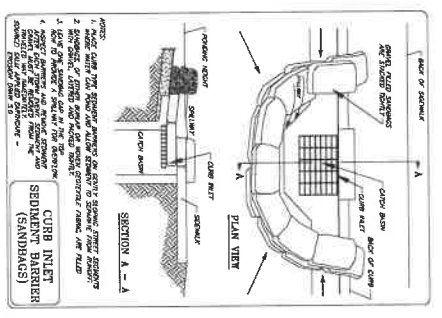
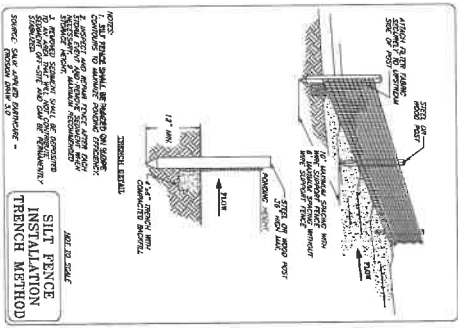
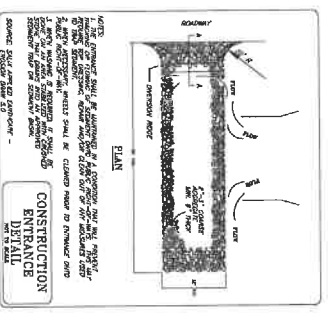
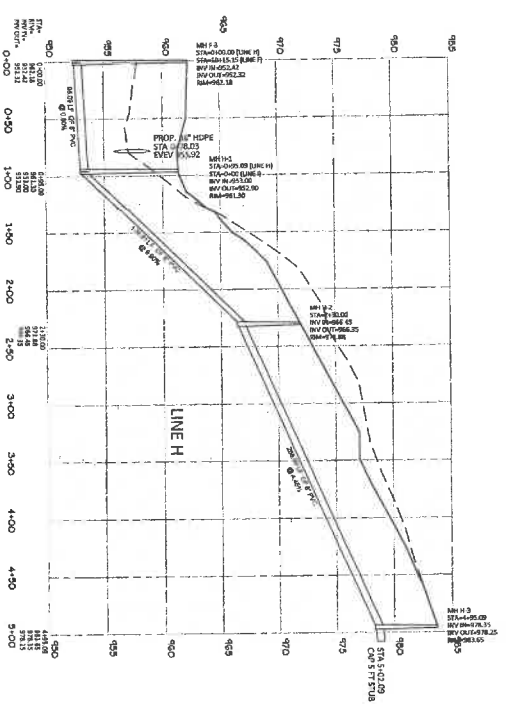
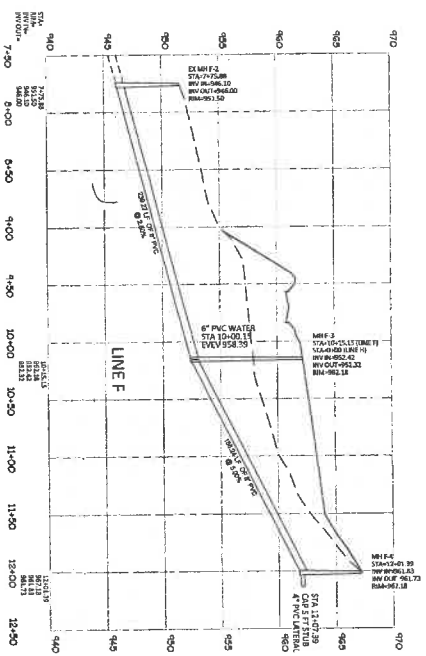


CONCRETE WASHOUT DETAIL

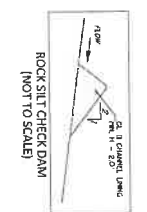
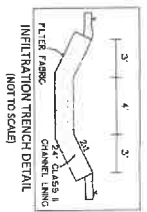
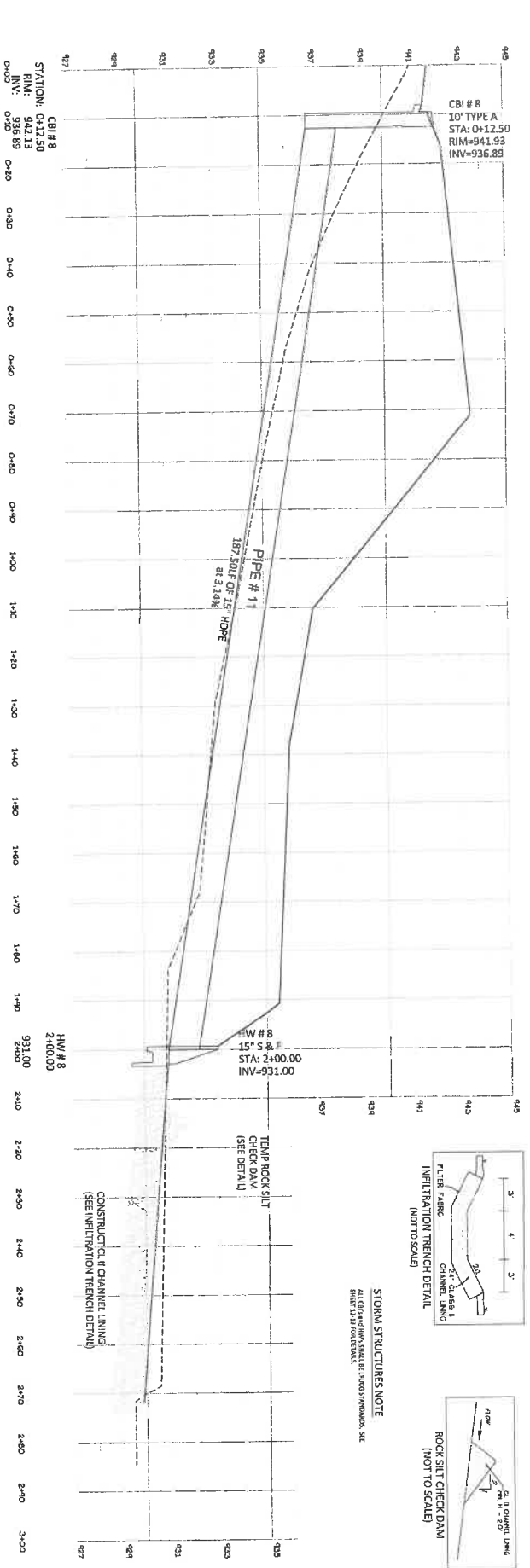
SEE SHEET 7 FOR EROSION CONTROL DETAILS



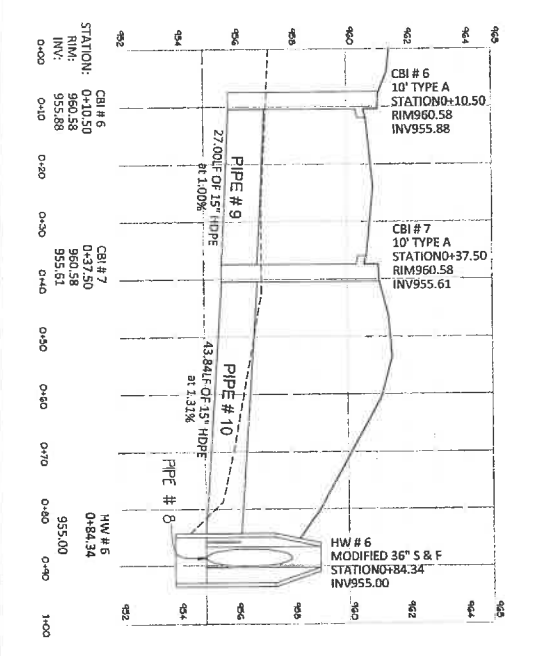
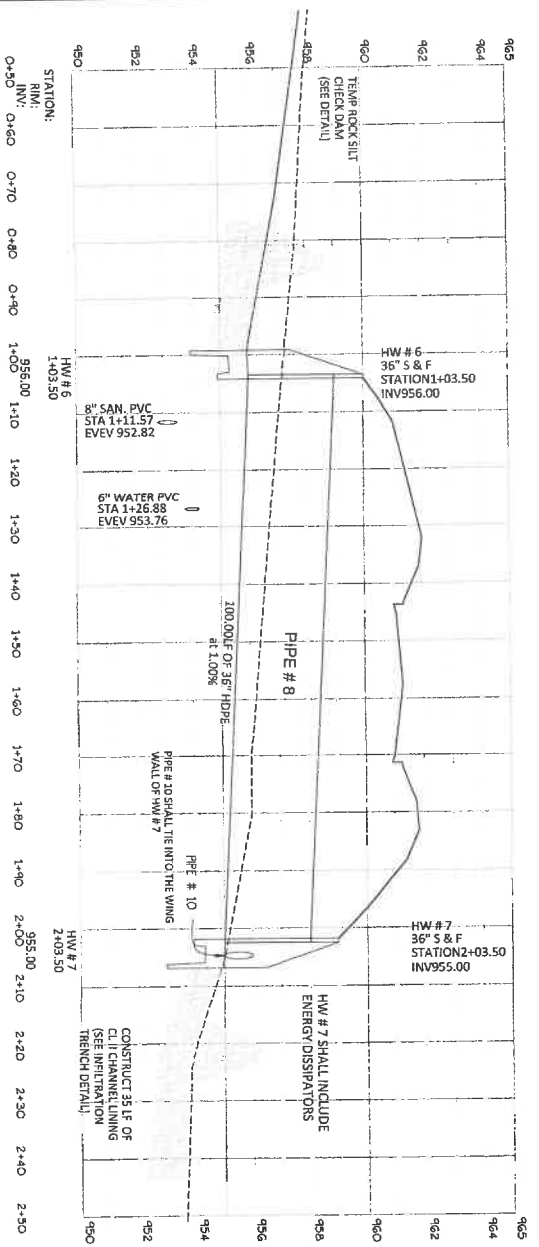
ALL MANHOLES SHALL BE 1 FOOT DIAMETER. SEE SHEET 10 FOR DETAILS.



NO.	REVISIONS				DATE	SCALE	SHEET
	BY	DATE	CHK	APP			
					1/12/23	H: 1"=50' V: 1"=5'	7 OF 15
DRAKES LANDING - UNIT 3 LONG RIDGE PLANTATION, LLC CLAY HILL ROAD, LEXINGTON COUNTY, KENTUCKY				HORNE ENGINEERING, INC. ENGINEERS, PLANNERS, LAND SURVEYORS 215 S. MAIN ST., SUITE 200 LEXINGTON, KY 40502 (606) 858-5441 FAX (606) 858-5160			
SANITARY PROFILES AND DETAILS							



STORM STRUCTURES NOTE
 ALL CBI AND HW SHALL BE EUROSPRINKS, INC.
 SEE SHEET 8 OF 15 FOR DETAILS



NO.	DESCRIPTION	BY	DATE	SCALE
1	DESIGN	SS	1/12/23	H: 1"=50'
2	REV	SS		V: 1"=5'
3	REV	SS		
4	REV	SS		
5	REV	SS		

DRAKES' LANDING - UNIT 3
 LONG RIDGE PLANTATION, LLC
 CLAYS HILL ROAD, JESSAMINE COUNTY, KENTUCKY

HORNE ENGINEERING, INC.
 280 SOUTH MAIN STREET, HIGHWAY 100, KY 40355
 (502) 988-9441 FAX (502) 988-5106

STORM PROFILES
 AND DETAILS

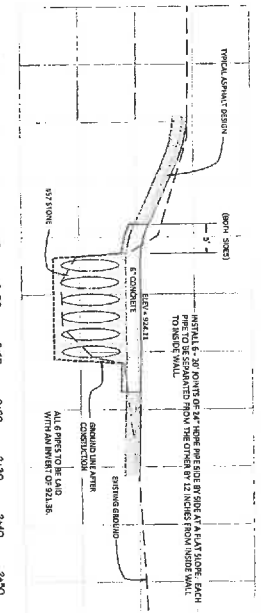
SHEET
 8 OF 15

DRAKES' LANDING

UNIT 3

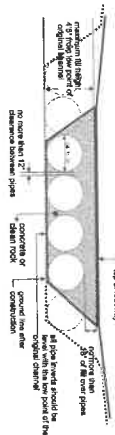
4470 CLAYS WILD ROAD EXT.
LEWISTON, N.Y. 14091A
OVERSIGHT/DESIGNER
LONG RIDGE PLANNING, LLC

HORNE ENGINEERING, INC.
ENGINEERS - PLANNERS - LANDSCAPE ARCHITECTS
120 SADDLE BROOK ROAD
LEWISTON, NY 14092
PHONE: (607) 855-5441 FAX: (607) 855-5400

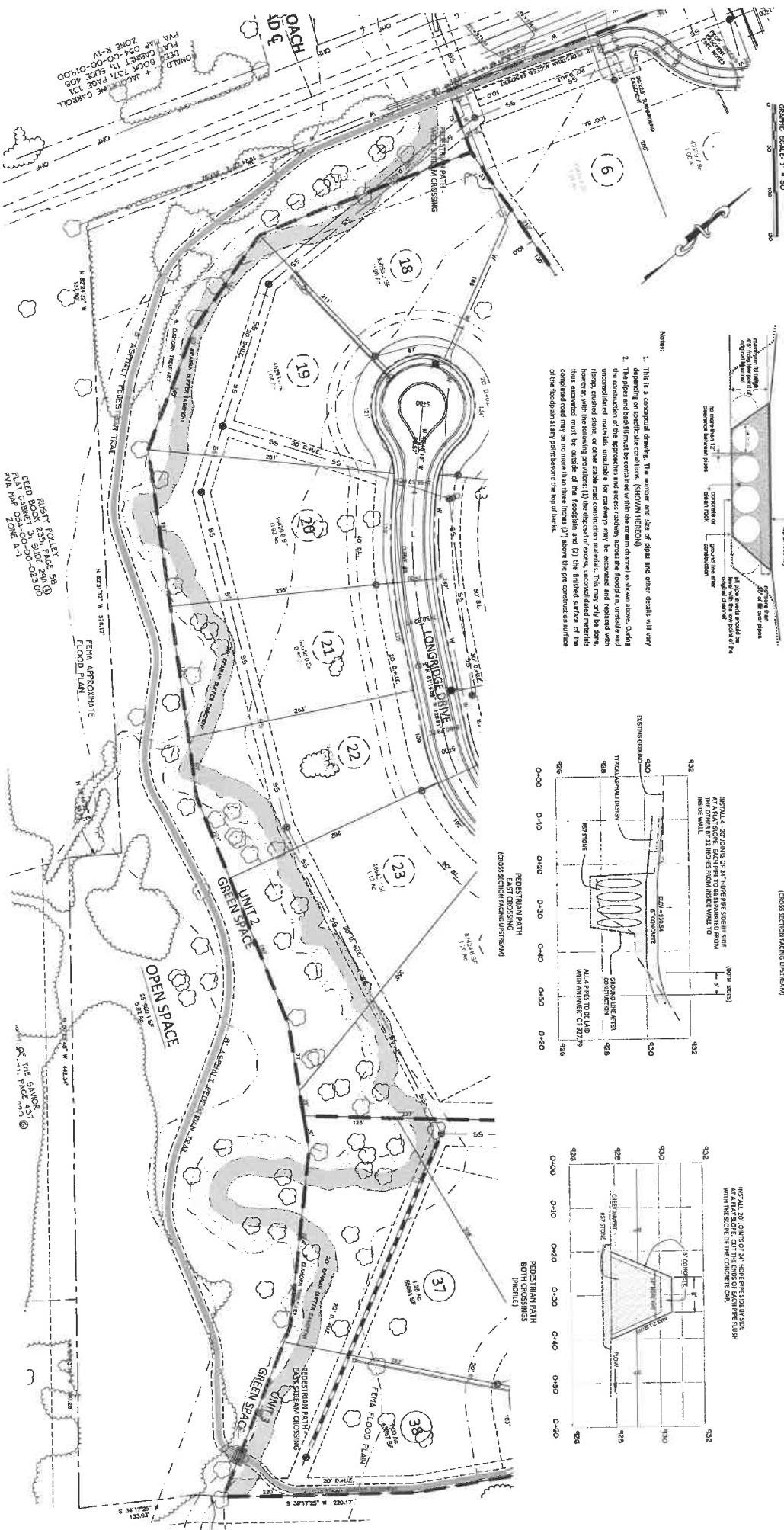
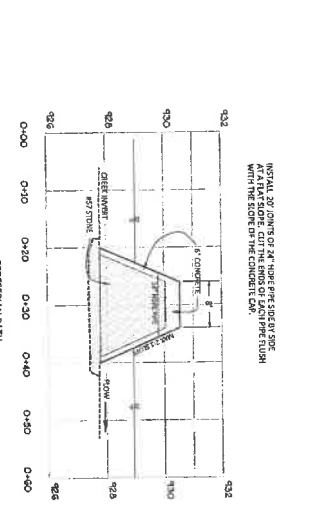
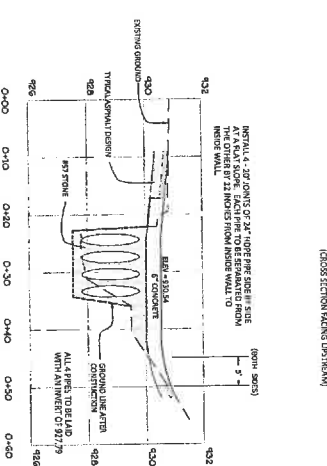


Standard Drawing
Not to Scale

- Guidelines for Low Water Crossing**
(HOOD STREAM CONSTRUCTION PERMIT GUIDELINES)
- The shall be a maximum (minimum) height of four (and on steel) (six) feet measured from the channel bottom to the top of the proposed crossing.
 - The pipe used for the proposed crossing shall not be less than 36" in diameter or more than 50" in diameter.
 - There shall not be more than one (1) foot spacing between the pipe structure.
 - The pipe shall be supported by concrete or steel within the stream banks.
 - All material used to cover the pipes shall be composed entirely of clean rock or concrete. No soil shall be allowed in the fill.
 - All pipes shall be laid flush with the bottom of the stream channel.
 - The maximum cover over the top of the pipe shall not be greater than eighteen (18) inches.



- Notes:**
- This is a conceptual drawing. The number and size of pipes and other details will vary depending on local site conditions. (SOUNDING REGION)
 - The pipes are to be installed in a trench as shown above. Careful attention shall be given to the spacing and access roadway across the footprint. Unstable and unconsolidated materials suitable for roadway may be excavated and replaced with riprap, crushed stone, or other stable road construction material. This may only be done, however, with the following provisions: (1) the disposal of excess, unconsolidated materials that excavated must be outside of the footprint and (2) the finished surface of the completed cover may be no more than three (3) feet above the pre-construction surface of the footprint at any point beyond the top of the trench.



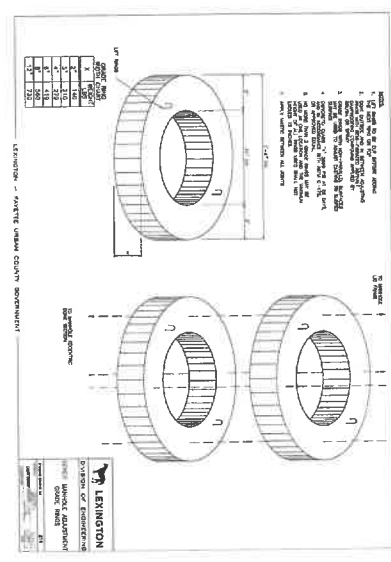
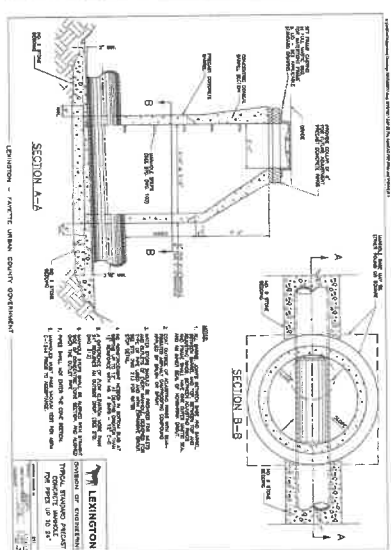
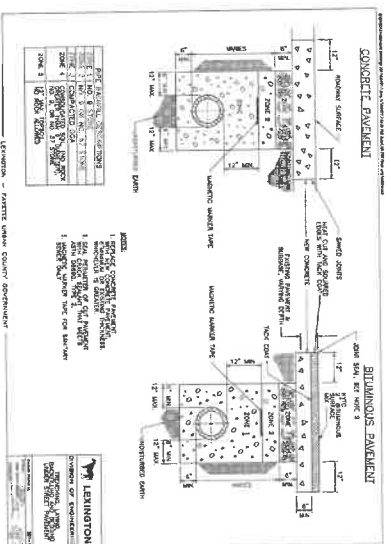
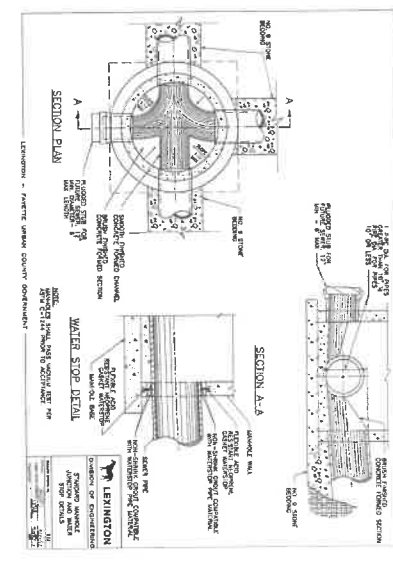
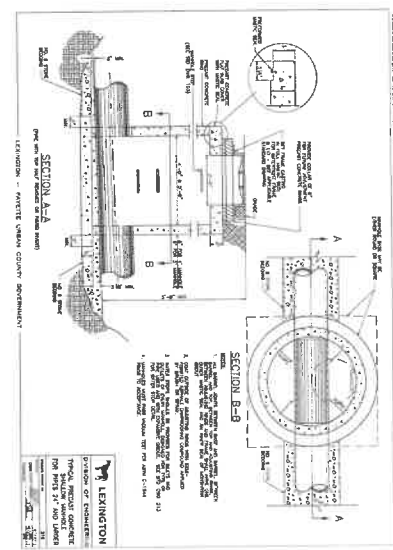
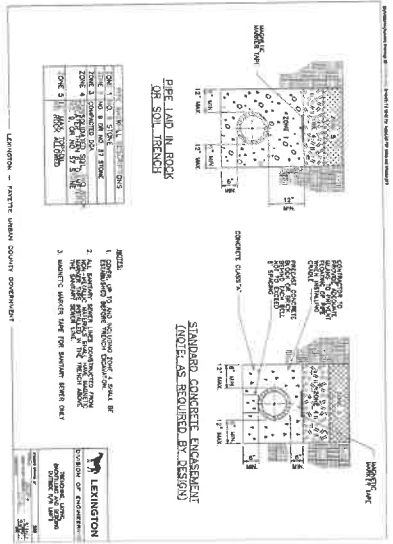
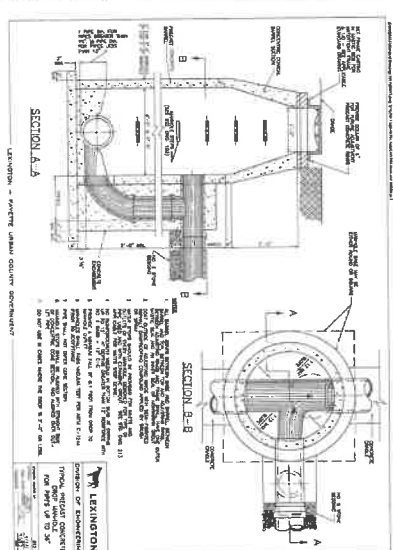


TABLE OF
MAXIMUM ALLOWABLE PIPE HEIGHTS
FOR USE ON ROADS

QUANTITY	SOCKET ROAD PIPE	SMALL DUCT	SMALL DUCT
1	20	10	10
2	20	10	10
3	20	10	10
4	20	10	10
5	20	10	10
6	20	10	10
7	20	10	10
8	20	10	10
9	20	10	10
10	20	10	10
11	20	10	10
12	20	10	10
13	20	10	10
14	20	10	10
15	20	10	10
16	20	10	10
17	20	10	10
18	20	10	10
19	20	10	10
20	20	10	10
21	20	10	10
22	20	10	10
23	20	10	10
24	20	10	10
25	20	10	10
26	20	10	10
27	20	10	10
28	20	10	10
29	20	10	10
30	20	10	10
31	20	10	10
32	20	10	10
33	20	10	10
34	20	10	10
35	20	10	10
36	20	10	10
37	20	10	10
38	20	10	10
39	20	10	10
40	20	10	10

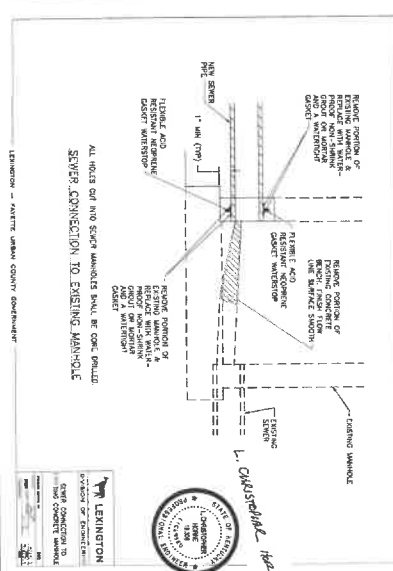
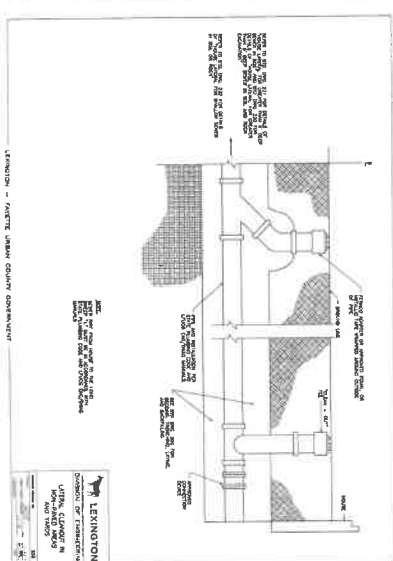
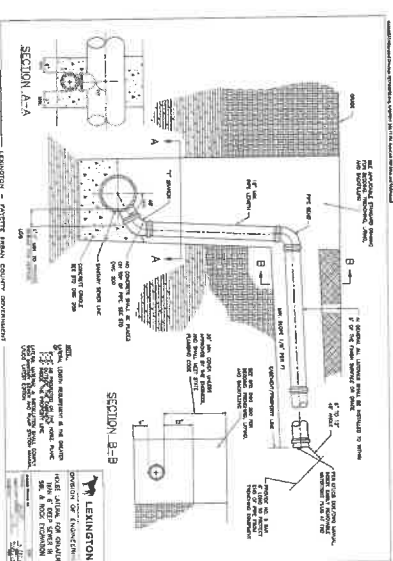
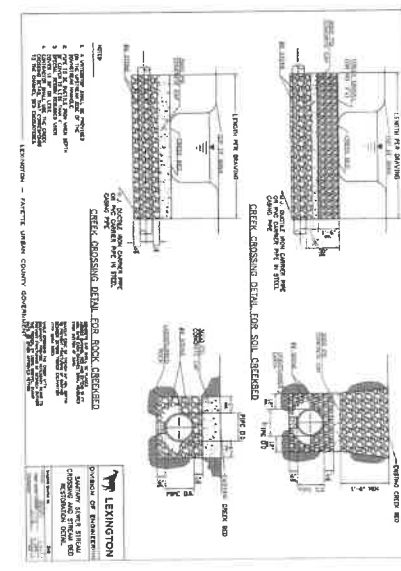
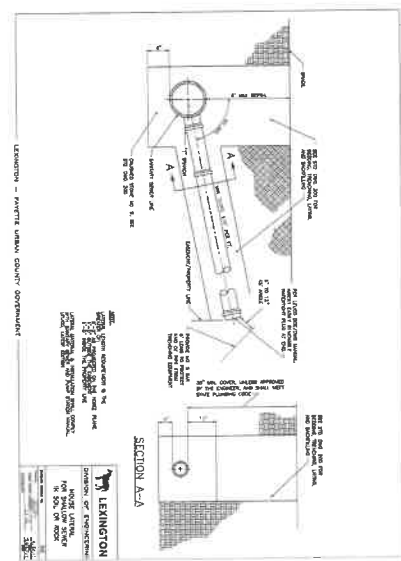
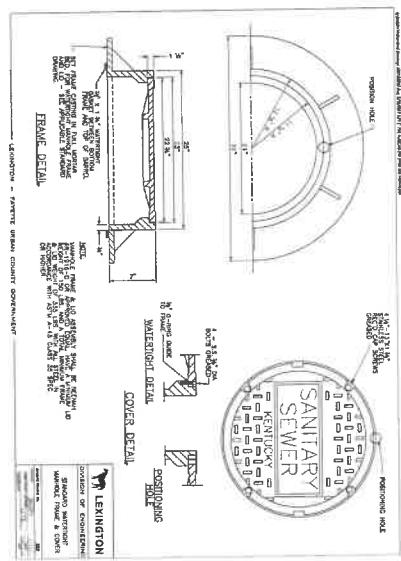
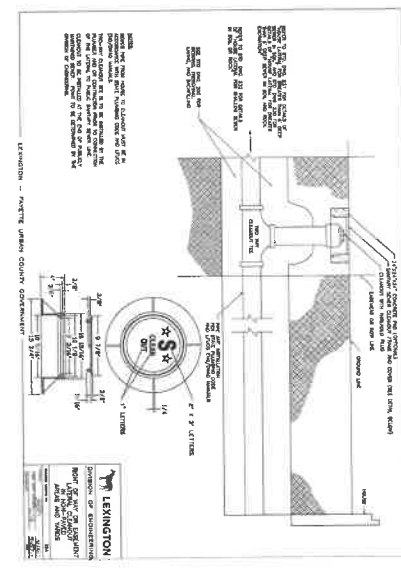
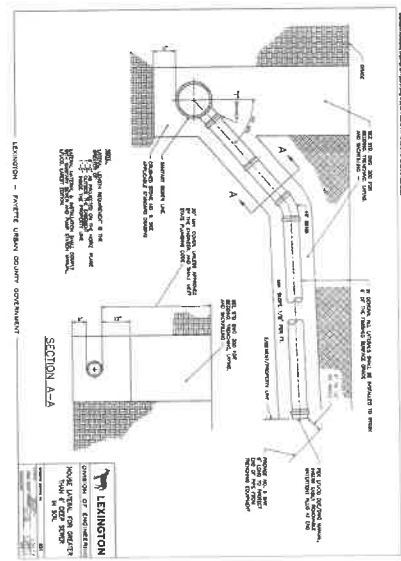
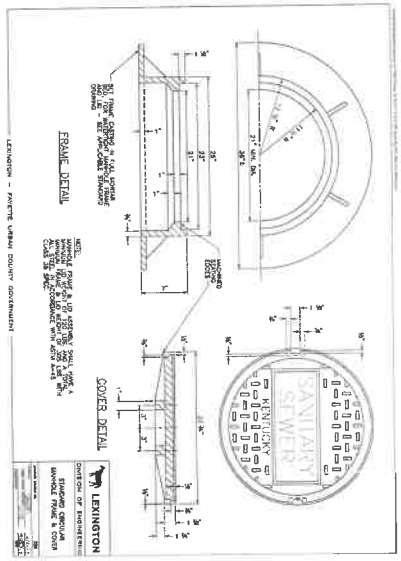


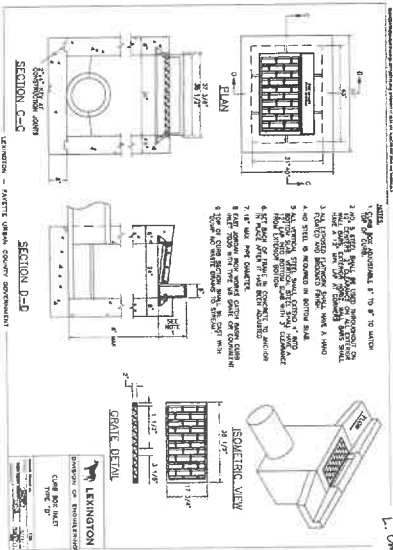
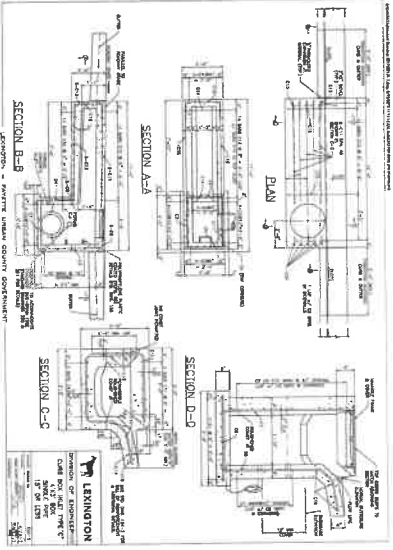
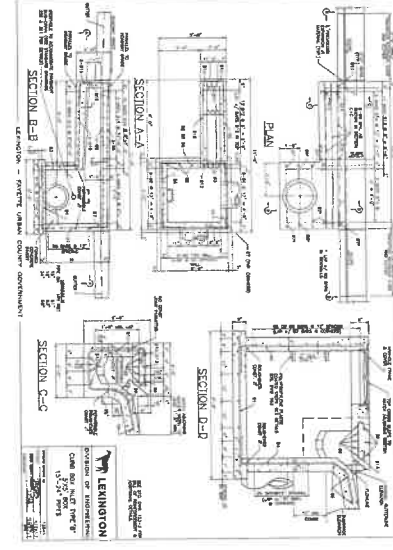
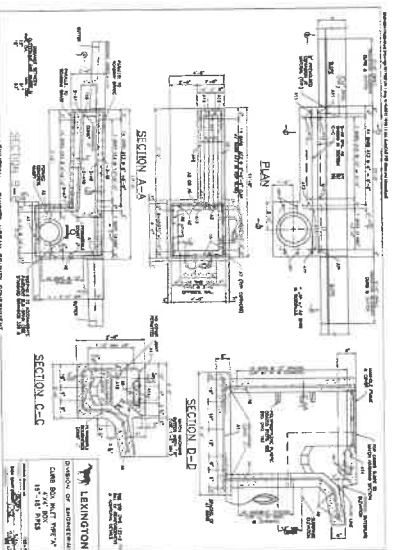
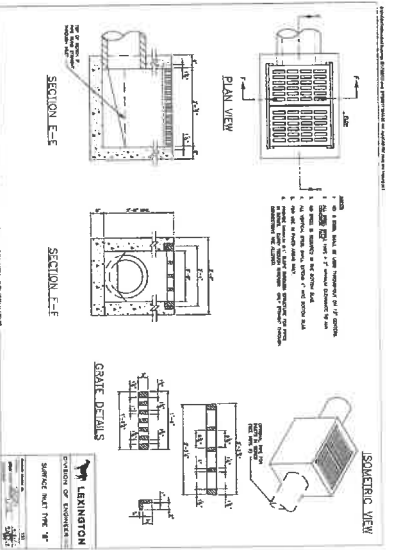
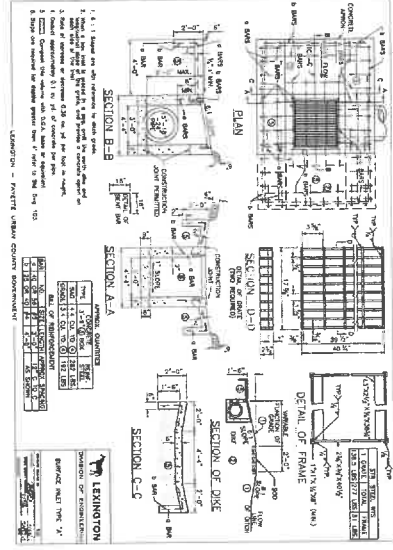
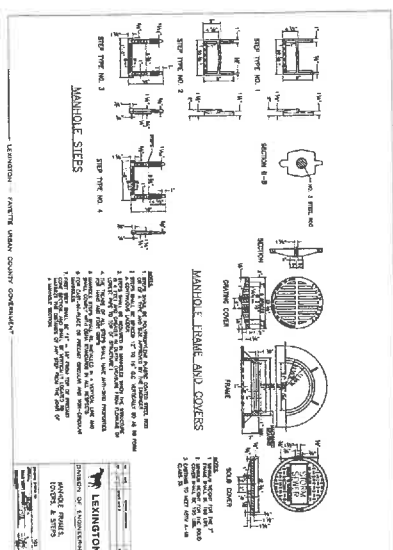
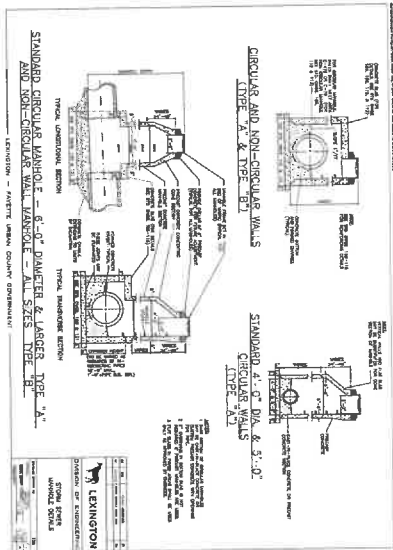
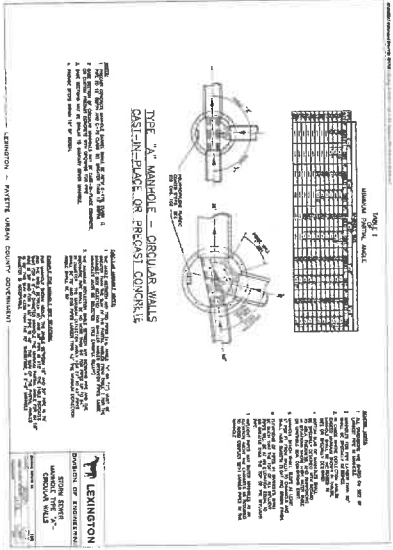
GENERAL NOTES

1. PROVIDE MINIMUM 2" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
2. PROVIDE MINIMUM 4" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
3. PROVIDE MINIMUM 6" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
4. PROVIDE MINIMUM 8" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
5. PROVIDE MINIMUM 10" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
6. PROVIDE MINIMUM 12" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
7. PROVIDE MINIMUM 14" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
8. PROVIDE MINIMUM 16" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
9. PROVIDE MINIMUM 18" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
10. PROVIDE MINIMUM 20" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
11. PROVIDE MINIMUM 22" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
12. PROVIDE MINIMUM 24" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
13. PROVIDE MINIMUM 26" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
14. PROVIDE MINIMUM 28" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
15. PROVIDE MINIMUM 30" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
16. PROVIDE MINIMUM 32" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
17. PROVIDE MINIMUM 34" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
18. PROVIDE MINIMUM 36" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
19. PROVIDE MINIMUM 38" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.
20. PROVIDE MINIMUM 40" OF CONCRETE ENCASEMENT OVER THE TOP AND SIDES OF THE PIPE.

SPECIFICATIONS

1. DRAWING SHALL BE FOR A 12" DIA. PIPE.
2. DRAWING SHALL BE FOR A 15" DIA. PIPE.
3. DRAWING SHALL BE FOR A 18" DIA. PIPE.
4. DRAWING SHALL BE FOR A 21" DIA. PIPE.
5. DRAWING SHALL BE FOR A 24" DIA. PIPE.
6. DRAWING SHALL BE FOR A 27" DIA. PIPE.
7. DRAWING SHALL BE FOR A 30" DIA. PIPE.
8. DRAWING SHALL BE FOR A 33" DIA. PIPE.
9. DRAWING SHALL BE FOR A 36" DIA. PIPE.
10. DRAWING SHALL BE FOR A 39" DIA. PIPE.
11. DRAWING SHALL BE FOR A 42" DIA. PIPE.
12. DRAWING SHALL BE FOR A 45" DIA. PIPE.
13. DRAWING SHALL BE FOR A 48" DIA. PIPE.
14. DRAWING SHALL BE FOR A 51" DIA. PIPE.
15. DRAWING SHALL BE FOR A 54" DIA. PIPE.
16. DRAWING SHALL BE FOR A 57" DIA. PIPE.
17. DRAWING SHALL BE FOR A 60" DIA. PIPE.
18. DRAWING SHALL BE FOR A 63" DIA. PIPE.
19. DRAWING SHALL BE FOR A 66" DIA. PIPE.
20. DRAWING SHALL BE FOR A 69" DIA. PIPE.

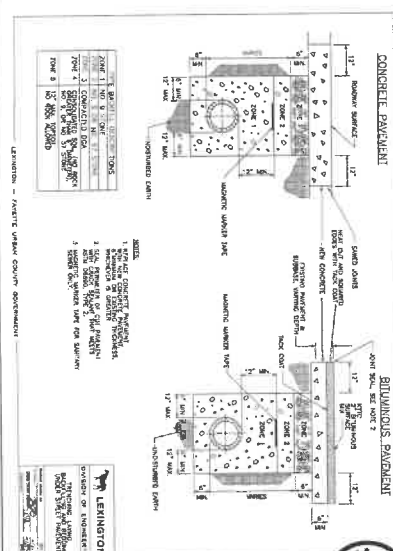
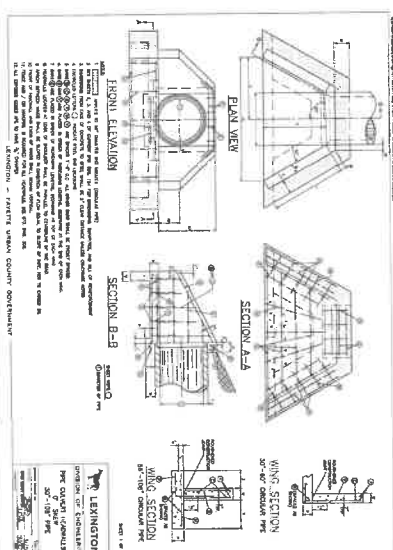
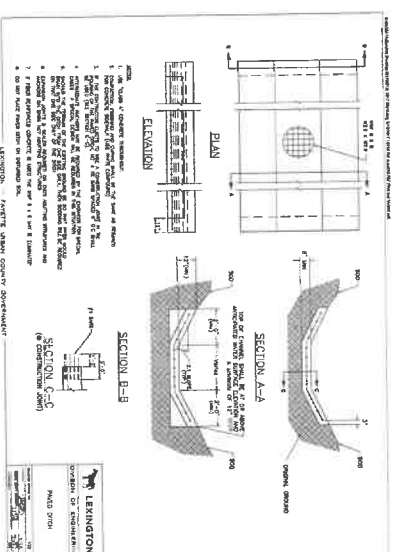
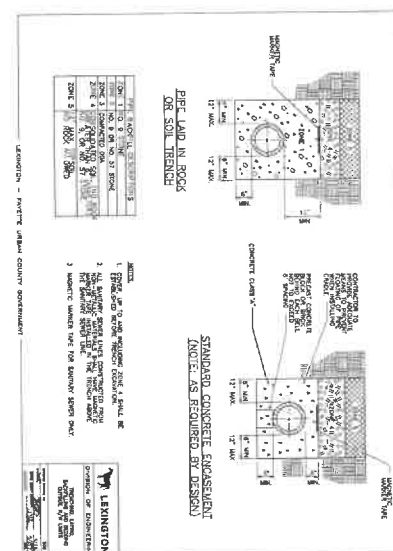
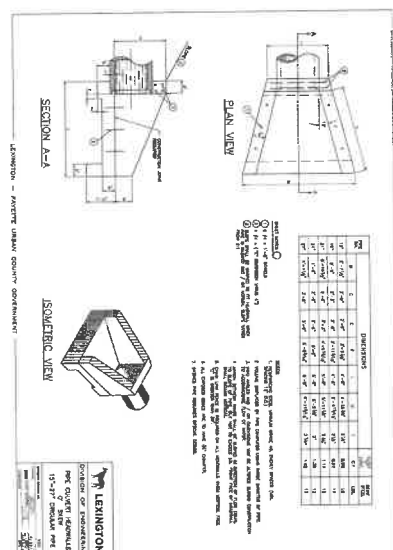
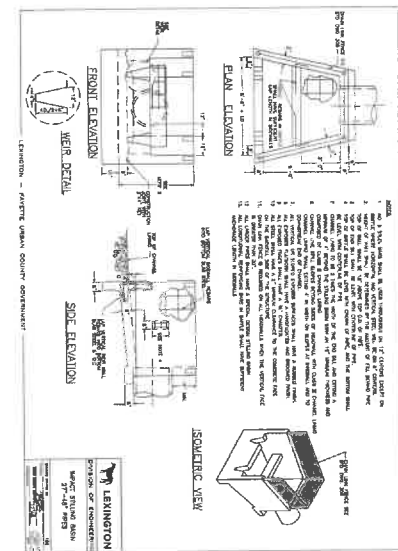
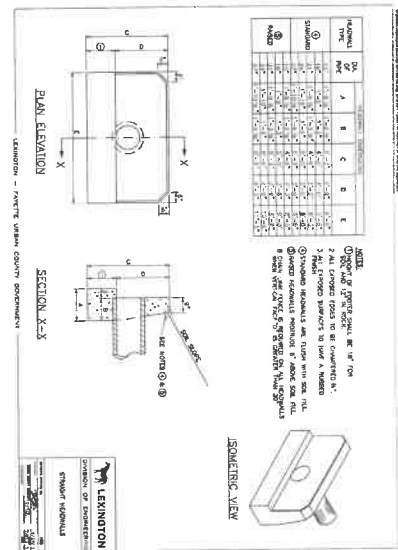
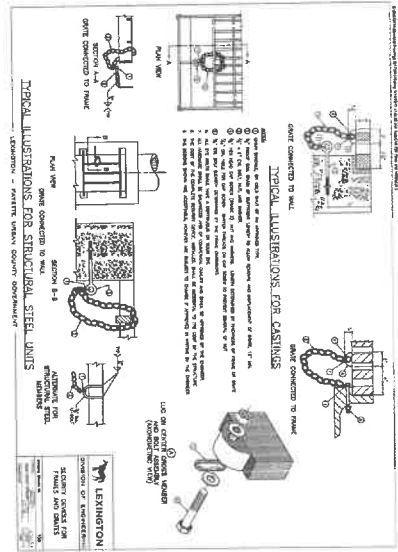


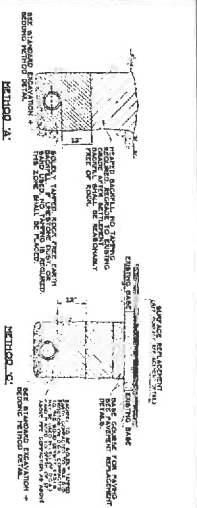


STORM SEWER
STANDARD DETAILS
SHEET 12 OF 15

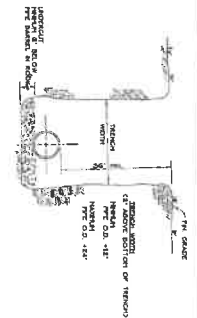
DRAKES' LANDING
LONGRIDGE PLANTATION, LLC
CLAYS MILL ROAD, JESSAMINE COUNTY, KENTUCKY

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



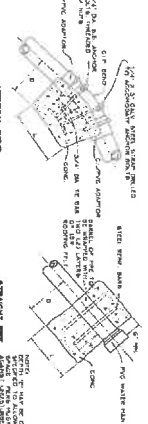


Backfilling
SD-1



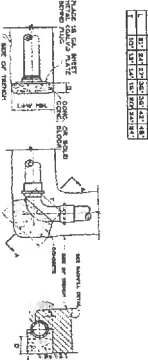
Standard Excavation & Bedding Method
SD-2

TYPICAL SIZES OF STANDARD PIPE	
SIZE	DEPTH
12"	4'
15"	5'
18"	6'
21"	7'
24"	8'
30"	10'
36"	12'
42"	14'
48"	16'
54"	18'
60"	20'

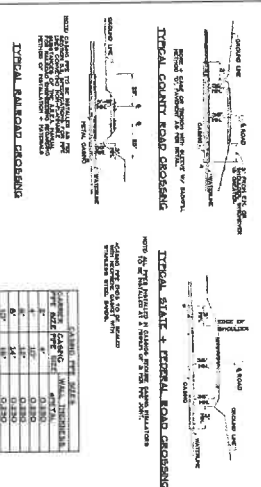


Concrete Anchor Blocks
SD-3

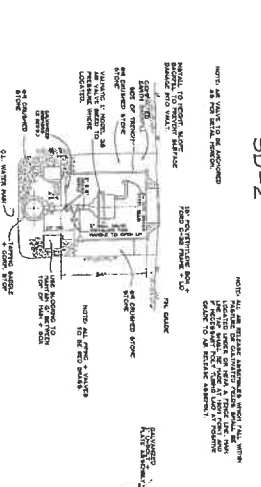
TYPICAL SIZES OF STANDARD PIPE	
SIZE	DEPTH
12"	4'
15"	5'
18"	6'
21"	7'
24"	8'
30"	10'
36"	12'
42"	14'
48"	16'
54"	18'
60"	20'



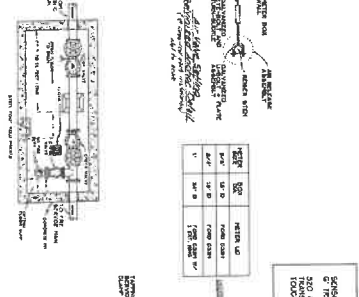
Concrete Thrust Blocks
SD-4



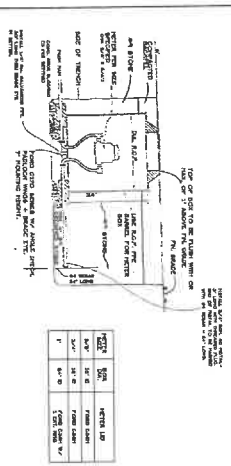
Road Crossing Details
SD-5



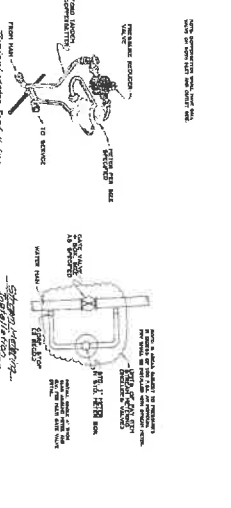
TYPICAL AIR VALVE SETTING
SD-6



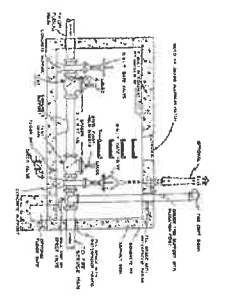
TYPICAL SERVICE CONNECTION
SD-7



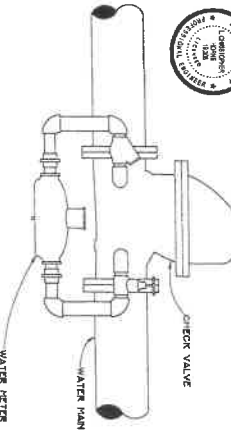
TYPICAL METER INSTALLATION
SD-8



TYPICAL LIFTING DETAIL
SD-9



DETECTION CHECK VALVE
SD-10



DETAIL OF DETECTION CHECK METER
SD-11

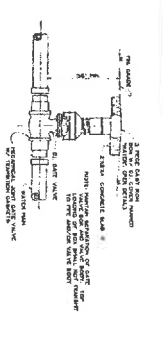
NO.	REVISIONS	BY	DATE	SCALE	SHEET
1	ADDED NOTES	CSB	11/2010	N/A	14 OF 15
2	REVISED NOTES	CSB	11/2011	N/A	

DRAKER'S LANDING - UNIT 3
LONG RIDGE PLANTATION, LLC
LONG RIDGE DRIVE, ISSAQUINNE COUNTY, KENTUCKY

HORNE ENGINEERING, INC.
ENGINEERS - PLANNERS - LAND SURVEYORS
245 SOUTH MAIN STREET, SUITE 200
MADISON, MISSISSIPPI 39101

WATER STANDARD DETAILS
SD-1

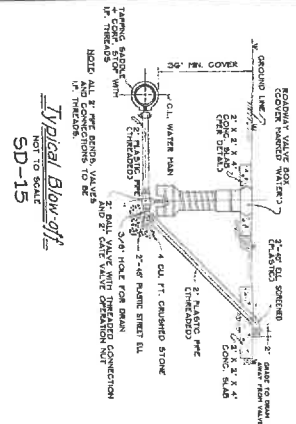
SHEET 14 OF 15



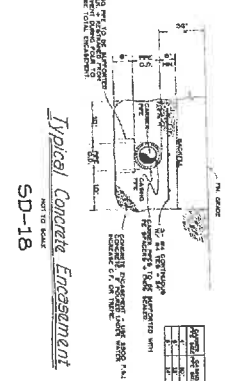
Typical Gate Valve Sillings

SD-12

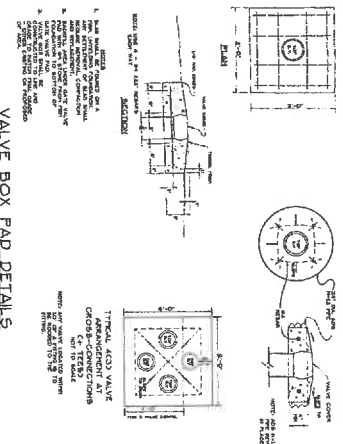
MAKING THE GATE VALVE SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF THE PIPE. THE GATE VALVE SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF THE PIPE. THE GATE VALVE SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF THE PIPE.



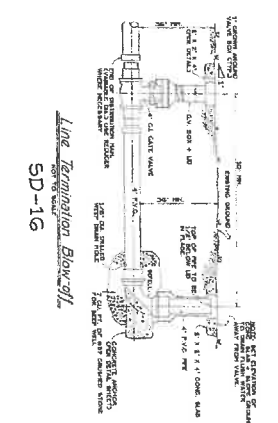
Typical Blow-off SD-15



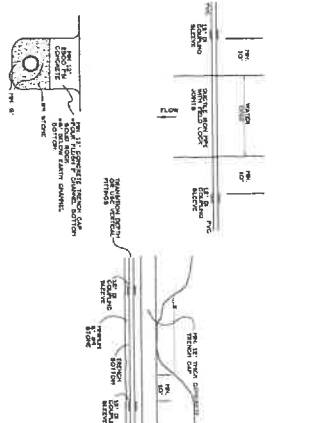
Typical Concrete Encasement SD-18



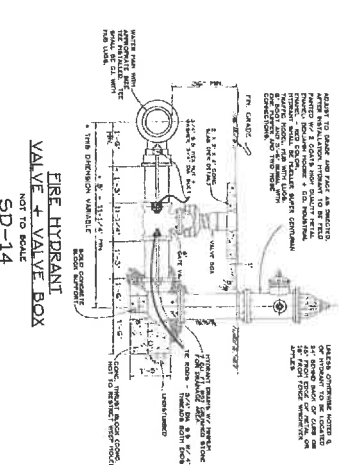
Valve Box Pad Details SD-13



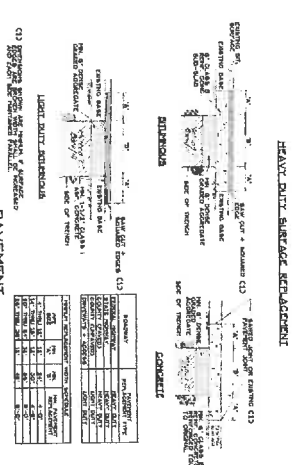
Line Termination Blow-off SD-16



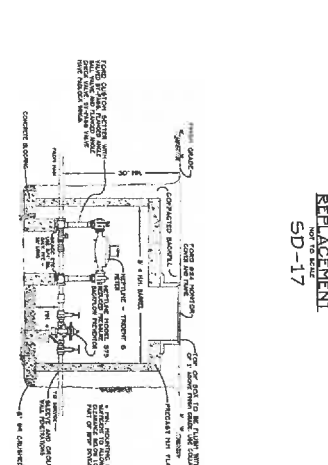
Typical Stream Crossing SD-19



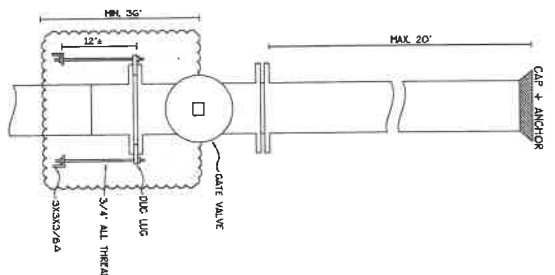
Fire Hydrant Valve + Valve Box SD-14



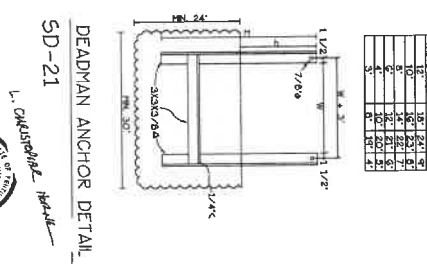
Heavy Duty Sliplake Replacement SD-17



Typical Meter Installation SD-20



Cap + Anchor



Deadman Anchor Detail SD-21

NO.	REVISIONS	BY	DATE	ISS. CDS	DATE	SCALE
1	ADDED NOTES	CDG	11/20/20	ISS. CDS		
2	REVISED NOTES	CDG	1/20/21	ISS. CDS	NOV. 2013	N/A

DRAKER'S LANDING - UNIT 3
LONG RIDGE DRIVE, JESSAMINE COUNTY, KENTUCKY

HORNE ENGINEERING, INC.
215 SOUTH MAIN STREET, INDIANAPOLIS, IN 46204
(317) 885-5441 Fax: (317) 885-5100

WATER STANDARD DETAILS
SD-2

SHEET
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