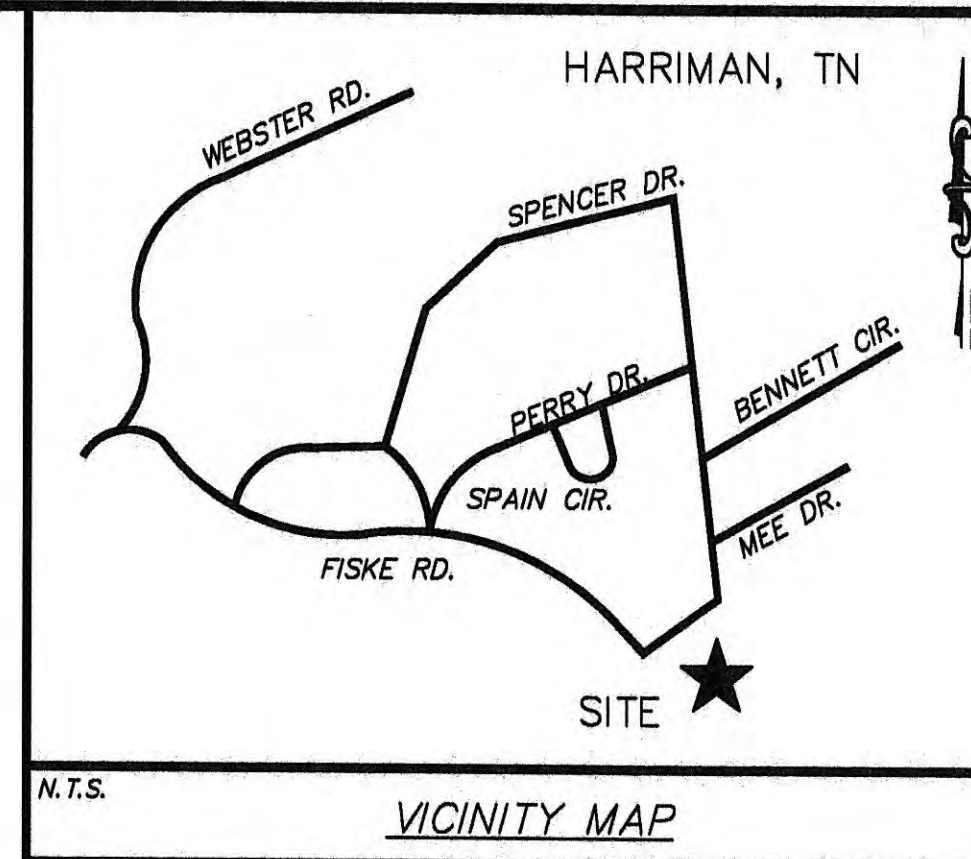
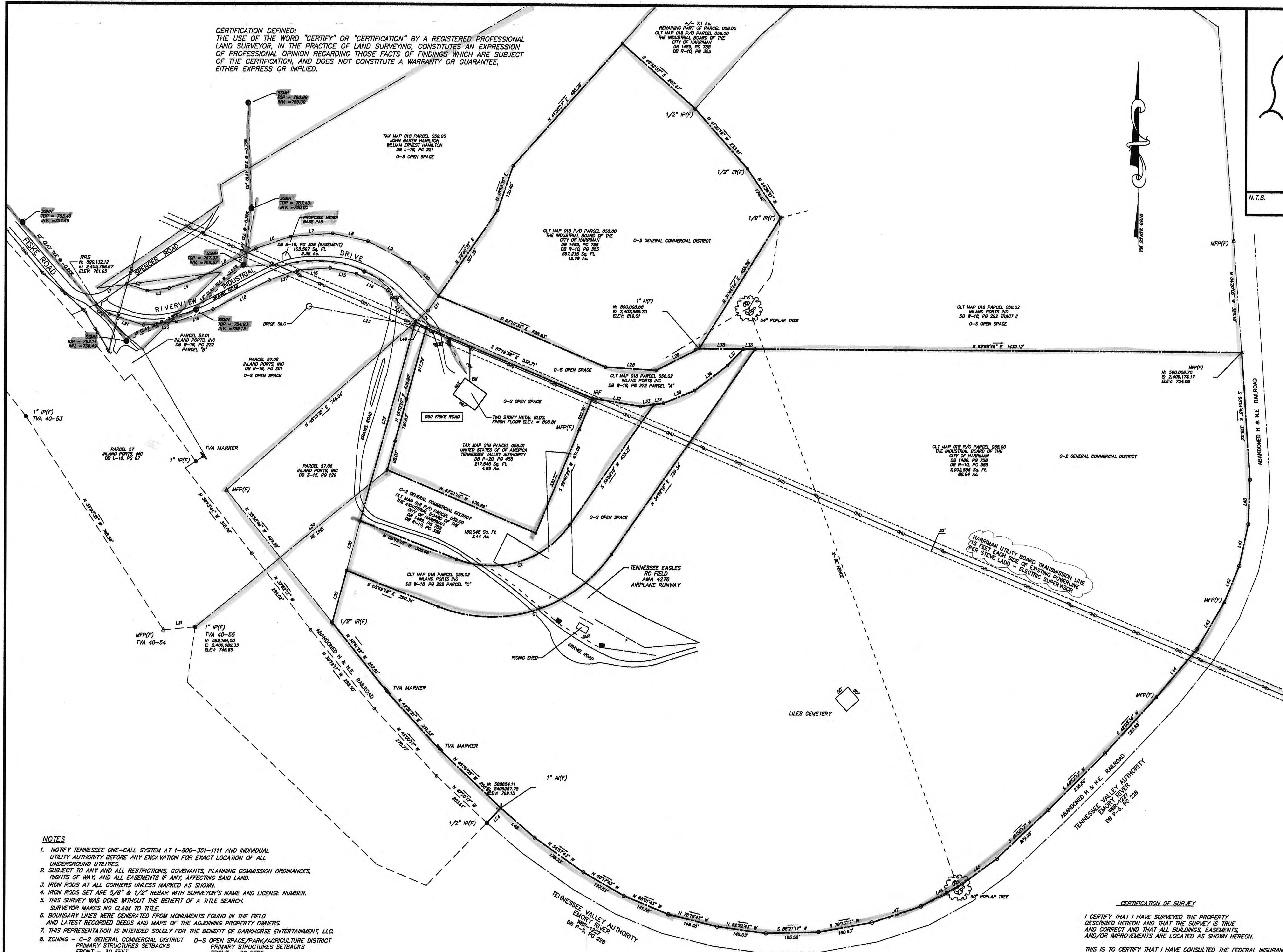
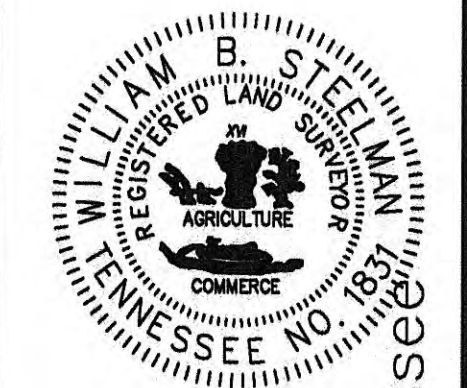


CERTIFICATION DEFINED:
THE USE OF THE WORD "CERTIFY" OR "CERTIFICATION" BY A REGISTERED PROFESSIONAL LAND SURVEYOR, IN THE PRACTICE OF LAND SURVEYING, CONSTITUTES AN EXPRESSION OF PROFESSIONAL OPINION REGARDING THOSE FACTS OF FINDINGS WHICH ARE SUBJECT OF THE CERTIFICATION, AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE, EITHER EXPRESS OR IMPLIED.



DRAWN BY: WBS	DATE: 05/21/14
CHECKED BY: JMS	FILE: 11009ND-14B
REVISIONS	
NO.	DATE
1	07/28/14
REVISED TO SHOW UTILITIES ALONG ENTRANCE ROAD	



Darkhorse
(old Plans)

- NOTES
1. NOTIFY TENNESSEE ONE-CALL SYSTEM AT 1-800-351-1111 AND INDIVIDUAL UTILITY AUTHORITY BEFORE ANY EXCAVATION FOR EXACT LOCATION OF ALL UNDERGROUND UTILITIES.
 2. SUBJECT TO ANY AND ALL RESTRICTIONS, COVENANTS, PLANNING COMMISSION ORDINANCES, RIGHTS OF WAY, AND ALL EASEMENTS IF ANY, AFFECTING SAID LAND.
 3. IRON RODS AT ALL CORNERS UNLESS MARKED AS SHOWN.
 4. IRON RODS SET ARE 5/8" & 1/2" REBAR WITH SURVEYOR'S NAME AND LICENSE NUMBER.
 5. THIS SURVEY WAS DONE WITHOUT THE BENEFIT OF A TITLE SEARCH. SURVEYOR MAKES NO CLAIM TO TITLE.
 6. BOUNDARY LINES WERE GENERATED FROM MONUMENTS FOUND IN THE FIELD AND LATEST RECORDED DEEDS AND MAPS OF THE ADJOINING PROPERTY OWNERS.
 7. THIS REPRESENTATION IS INTENDED SOLELY FOR THE BENEFIT OF DARKHORSE ENTERTAINMENT, LLC.
 8. ZONING - C-2 GENERAL COMMERCIAL DISTRICT
PRIMARY STRUCTURES SETBACKS
FRONT - 30 FEET
SIDE - 15 FEET
REAR - 25 FEET
O-S OPEN SPACE/PARK/AGRICULTURE DISTRICT
PRIMARY STRUCTURES SETBACKS
FRONT - 30 FEET
SIDE - 25 FEET
REAR - 25 FEET
 9. NORTH ROTATION WAS PER LAMBERT GRID NORTH (NO DATUM ADJUSTED FACTOR APPLIED).
REFERENCE MONUMENTS: HARN MONUMENT #22 (NAD 83)
N: 593,364.58
E: 2,412,845.36
ELEV: 813.90
 10. TAX MAP & DEED OF REFERENCE: CLT MAP 018 PARCEL 058.00, DB 1489, PG 758, DB R-10, PG 335
 11. TOTAL AREA OF TRACTS SURVEYED IS 85.17 ACRES & +/- 7.1 ACRES REMAINING

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GRAPHIC SCALE
(NOT TO SCALE)

CERTIFICATION OF SURVEY

I CERTIFY THAT I HAVE SURVEYED THE PROPERTY DESCRIBED HEREON AND THAT THE SURVEY IS TRUE AND CORRECT AND THAT ALL BUILDINGS, EASEMENTS, AND/OR IMPROVEMENTS ARE LOCATED AS SHOWN HEREON.

THIS IS TO CERTIFY THAT I HAVE CONSULTED THE FEDERAL INSURANCE ADMINISTRATION FLOOD HAZARD BOUNDARY MAP No. 42145C0004 E AND FOUND THAT THE PROPERTY DESCRIBED HEREON IS LOCATED IN A SPECIAL FLOOD HAZARD AREA (ZONE "X" & "AE") (DATED SEPT 28, 2002.)

I HEREBY CERTIFY THAT THIS IS A CATEGORY I SURVEY AND THE RATIO OF PRECISION OF THE UNADJUSTED SURVEY IS 1: 10,000 AS SHOWN HEREON.

WILLIAM B. STEELMAN R.L.S.
Tenn. Reg. No. 1831

DATE

LEGEND	
●	IRON ROD SET
IR(F)	IRON ROD FOUND
IR(F)	IRON PIPE FOUND
●	POINT
MFP(F)	METAL FENCE POST FOUND
RRS	RAILROAD SPIRE
OHU	OVERHEAD UTILITIES
CO ₂	POWER POLE
○	PROPERTY CORNER
-X-	FENCE
P.O.B.	POINT OF BEGINNING
OH	OVERHEAD TELEPHONE

BOUNDARY SURVEY (INDEX SURVEY)

QUALITY LAYOUT ETC.

William B. Steelman RLS #1831
193 Red Dud Drive
Harriman, Tennessee 37748
Office 865-335-3743 Fax 865-882-1049
email address: wsteel@aol.com

DARKHORSE ENTERTAINMENT
EAST TENNESSEE RENAISSANCE
Fiske Road & Riverview Industrial District
First Civil District, City of Harriman, Ro...

NOTES

1. NOTIFY TENNESSEE ONE-CALL SYSTEM AT 1-800-351-1111 AND INDIVIDUAL UTILITY AUTHORITY BEFORE ANY EXCAVATION FOR EXACT LOCATION OF ALL UNDERGROUND UTILITIES.
2. SUBJECT TO ANY AND ALL RESTRICTIONS, COVENANTS, PLANNING COMMISSION ORDINANCES, RIGHTS OF WAY, AND ALL EASEMENTS IF ANY, AFFECTING SAID LAND.
3. IRON RODS AT ALL CORNERS UNLESS MARKED AS SHOWN.
4. IRON RODS SET ARE 5/8" & 1/2" REBAR WITH SURVEYOR'S NAME AND LICENSE NUMBER.
5. THIS SURVEY WAS DONE WITHOUT THE BENEFIT OF A TITLE SEARCH.
6. SURVEYOR MAKES NO CLAIM TO TITLE.
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8. THIS REPRESENTATION IS INTENDED SOLELY FOR THE BENEFIT OF DARKHORSE ENTERTAINMENT, LLC.
9. ZONING - C-2 GENERAL COMMERCIAL DISTRICT
10. NORTH ROTATION WAS PER LAMBERT GRID NORTH (NO DATUM ADJUSTED FACTOR APPLIED).
11. TAX MAP & DEED OF REFERENCE: CLT MAP 018 PARCEL 058.00, DB 1489, PG 758, DB R-10, PG 355
12. TOTAL AREA OF TRACTS SURVEYED IS 85.17 ACRES & +/- 7.1 ACRES REMAINING

CERTIFICATION DEFINED:
THE USE OF THE WORD "CERTIFY" OR "CERTIFICATION" BY A REGISTERED PROFESSIONAL LAND SURVEYOR, IN THE PRACTICE OF LAND SURVEYING, CONSTITUTES AN EXPRESSION OF PROFESSIONAL OPINION REGARDING THOSE FACTS OF FINDINGS WHICH ARE SUBJECT OF THE CERTIFICATION, AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE, EITHER EXPRESS OR IMPLIED.

TAX MAP 018 PARCEL 058.00
JOHN BAKER HAMILTON
WILLIAM ERNEST HAMILTON
DB L-15, PG 221
O-S OPEN SPACE

CLT MAP 018 P/O PARCEL 058.00
THE INDUSTRIAL BOARD OF THE
CITY OF HARRIMAN
DB 1489, PG 758
DB R-10, PG 355
557,235 Sq. Ft.
12.79 AC.

N: 590,008.69
E: 2,407,569.70
ELEV: 819.01

TAX MAP 018 PARCEL 058.01
UNITED STATES OF AMERICA
TENNESSEE VALLEY AUTHORITY
DB P-20, PG 456
217,546 Sq. Ft.
4.99 AC.

C-2 GENERAL COMMERCIAL DISTRICT
CLT MAP 018 P/O PARCEL 058.00
THE INDUSTRIAL BOARD OF THE
CITY OF HARRIMAN
DB R-10, PG 355
150,048 Sq. Ft.
3.44 AC.

CLT MAP 018 PARCEL 058.02
INLAND PORTS, INC
DB W-18, PG 222 PARCEL "C"
150,048 Sq. Ft.
3.44 AC.

TENNESSEE EAGLES
RC FIELD
AMA 4276
AIRPLANE RUNWAY

LINE	BEARING	DISTANCE
L1	N 55°41'28" E	107.46'
L2	S 72°03'21" E	63.51'
L3	N 63°19'39" E	65.31'
L4	N 71°16'39" E	95.57'
L5	N 62°26'39" E	187.20'
L6	N 71°27'39" E	108.63'
L7	N 85°39'39" E	123.98'
L8	S 77°37'21" E	108.69'
L9	S 62°50'21" E	136.63'
L10	S 41°41'24" E	130.54'
L11	S 35°06'13" W	98.27'
L12	S 48°15'40" W	50.45'
L13	N 41°08'13" W	124.31'
L14	N 62°50'21" W	104.50'
L15	N 77°37'21" W	79.02'
L16	S 85°39'39" W	96.81'
L17	S 71°27'39" W	88.31'
L18	S 62°26'39" W	187.20'
L19	S 71°16'39" W	113.85'
L20	S 63°19'39" W	97.68'
L21	N 72°03'21" W	106.51'
L22	N 53°27'21" W	47.07'
L23	S 79°49'39" E	351.87'
L24	N 42°54'25" E	60.50'
L25	S 15°20'54" W	158.37'
L26	S 15°20'54" W	150.78'
L27	S 15°20'54" W	608.67'
L28	S 84°01'17" E	149.34'
L29	N 63°01'57" E	142.80'
L30	N 50°48'59" E	231.13'
L31	S 84°53'34" W	94.23'
L32	S 80°48'59" E	143.86'
L33	N 81°48'43" E	40.62'
L34	N 81°48'43" E	28.08'
L35	S 89°55'46" E	130.18'
L36	S 89°55'46" E	35.18'
L37	S 43°35'29" W	67.69'
L38	S 59°02'50" W	121.38'
L39	S 67°44'13" W	100.00'

CERTIFICATION OF SURVEY

I CERTIFY THAT I HAVE SURVEYED THE PROPERTY DESCRIBED HEREON AND THAT THE SURVEY IS TRUE AND CORRECT AND THAT ALL BUILDINGS, EASEMENTS, AND/OR IMPROVEMENTS ARE LOCATED AS SHOWN HEREON.

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I HEREBY CERTIFY THAT THIS IS A CATEGORY I SURVEY AND THE RATIO OF PRECISION OF THE UNADJUSTED SURVEY IS 1:10,000 AS SHOWN HEREON.

WILLIAM B. STEELMAN R.L.S. DATE
Tenn. Reg. No. 1831

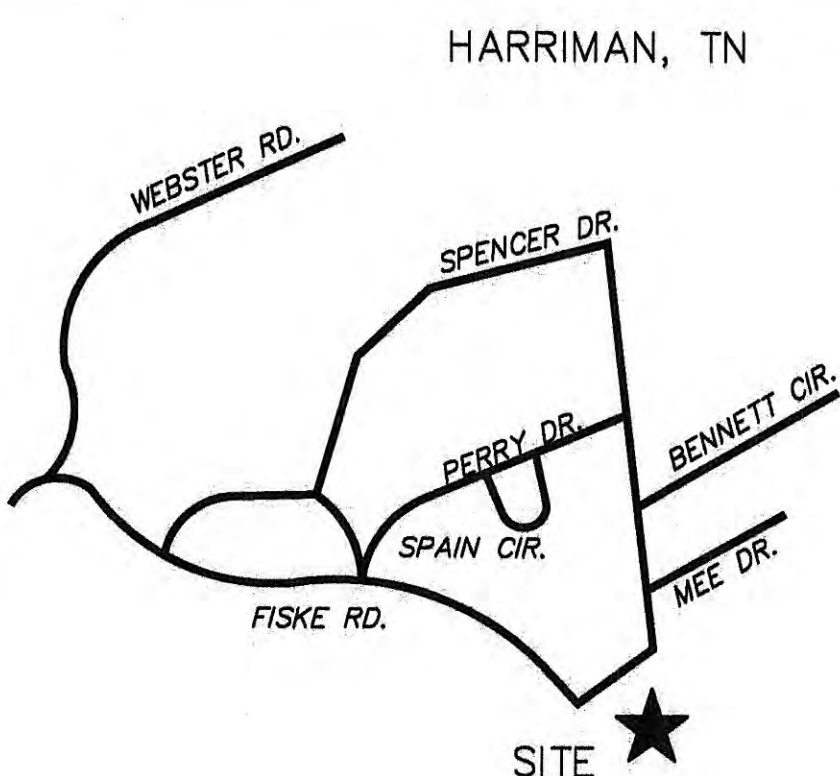
LEGEND

●	IRON ROD SET
IR(F)	IRON ROD FOUND
IP(F)	IRON PIPE FOUND
⊙	POINT
MFP(F)	METAL FENCE POST FOUND
RRS	RAILROAD SPINE
OHU	OVERHEAD UTILITIES
⊕	POWER POLE
○	PROPERTY CORNER
-X-	FENCE
P.O.B.	POINT OF BEGINNING
OH	OVERHEAD TELEPHONE

SHEET 2

N.T.S.

VICINITY MAP



BOUNDARY SURVEY

QUALITY LAYOUT ETC.

William B. Steelman RLS #1831 DARKHORSE ENTERTAINMENT, LLC.
193 Red Dud Drive
Harriman, Tennessee 37748
Office 865-335-3743 Fax 865-882-0491
email address: wbsteel@aol.com



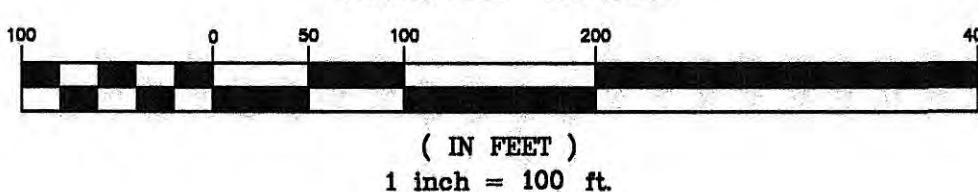
DRAWN BY: WBS DATE: 05/27/14
CHECKED BY: WBS FILE: 1180BND-14B

NO.	DATE	COMMENTS
1	07/28/14	REVISED TO SHOW UTILITIES ALONG ENTRANCE ROAD

REVISIONS

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GRAPHIC SCALE



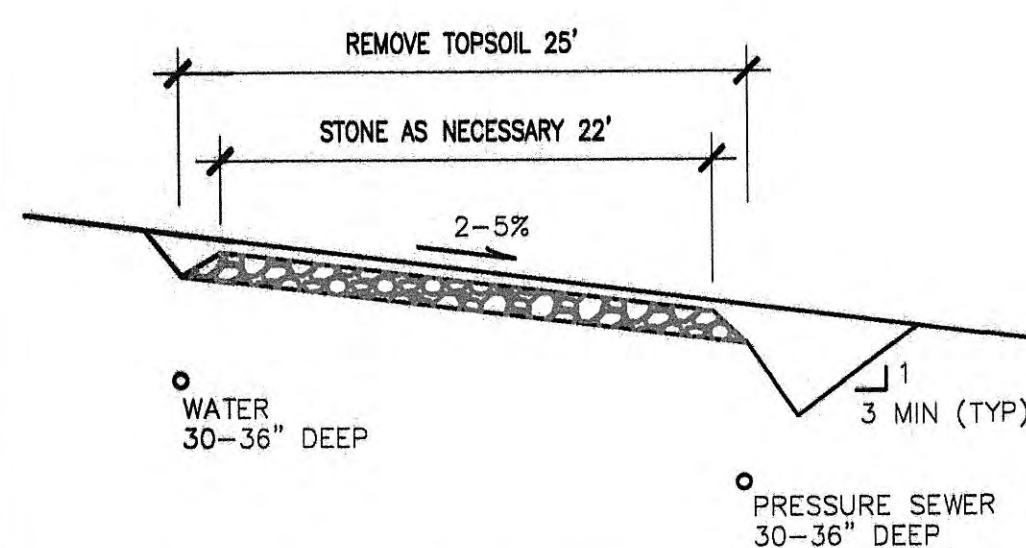
CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	433.10'	576.80'	535.11'	N 73°01'29" E	76°18'24"
C2	283.10'	377.03'	349.78'	S 73°01'29" W	76°18'24"

UTILITY NOTES:

- COORDINATE WITH EXISTING UTILITIES TO AVOID CONFLICTS. UTILITY INSTALLATION SHALL MEET THE REQUIREMENTS OF THE LOCAL UTILITY COMPANY AND ALL APPLICABLE CODES. COORDINATE WITH THE UTILITY COMPANY PRIOR TO CONSTRUCTION TO DETERMINE MATERIAL, INSTALLATION TESTING AND INSPECTION REQUIREMENTS. VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- PAVEMENT REPAIR AND TRAFFIC CONTROL SHALL MEET THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION. WATER AND SEWER CONNECTIONS SHALL MEET REQUIREMENTS OF THE LOCAL UTILITY.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY AND ALL PERMITS AND LICENSES REQUIRED TO WORK IN THE PUBLIC STREET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TAP FEES AND COORDINATION WITH THE LOCAL UTILITY COMPANY TO ESTABLISH WATER AND SEWER SERVICE.
- PROVIDE 10' MIN. HORIZONTAL SEPARATION BETWEEN WATER AND SEWER LINES. WHERE CROSSINGS OCCUR, PROVIDE 18" MIN SEPARATION BETWEEN WATER AND SEWER LINES. PROVIDE 8" MIN. CLEARANCE BETWEEN STORM SEWERS AND OTHER UTILITIES. UNLESS OTHERWISE NOTED PROVIDE 3' MINIMUM COVER FOR ALL UTILITIES.
- ADJUST ALL EXISTING UTILITY STRUCTURES, WHETHER SPECIFICALLY INDICATED ON THE DRAWINGS OR NOT, TO MATCH FINAL GRADES. ADJUSTMENTS SHALL MEET THE REQUIREMENTS OF THE LOCAL UTILITY COMPANY.
- COORDINATE WITH LOCAL UTILITY COMPANY TO REMOVE OR ABANDON EXISTING UTILITIES, WHETHER SPECIFICALLY INDICATED ON THE DRAWINGS OR NOT, THAT ARE LOCATED WITHIN THE PROJECT LIMITS AND NO LONGER IN USE.
- UNLESS OTHERWISE NOTED, ALL DOMESTIC WATER PIPE AND FITTINGS SHALL BE COPPER TUBE TYPE K MEETING THE REQUIREMENTS OF ASTM B 88. FITTINGS SHALL BE WROUGHT-COPPER, SOLDER-JOINT PRESSURE TYPE MEETING THE REQUIREMENTS OF ASME B 16.22.
- UTILITY ROUTING IS SCHEMATIC. ADJUST UTILITY LINE LOCATIONS AS NECESSARY TO AVOID CONFLICTS WITH EXISTING STRUCTURES.

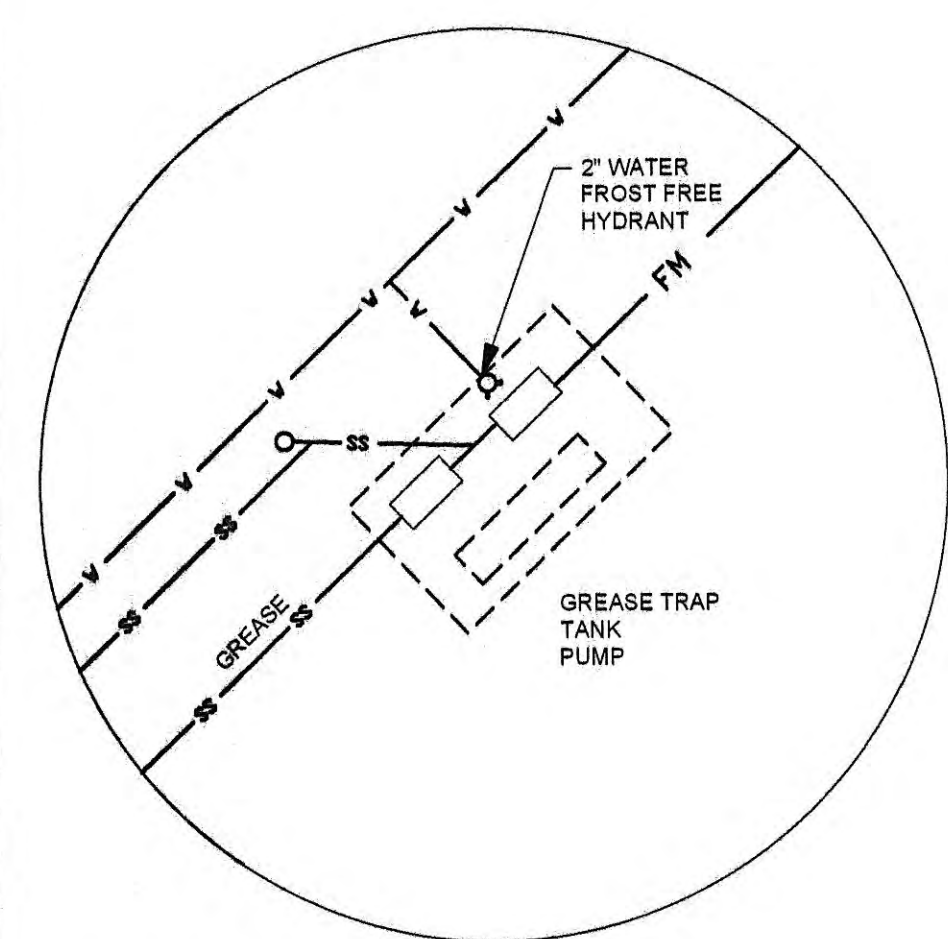
GENERAL NOTES

BEFORE UTILITY CONSTRUCTION BEGINS, ROADWAY AND FOOD BUILDING WILL BE CONSTRUCTED OR LAID OUT. BOTH DARK HORSE AND HARRIMAN UTILITY BOARD WILL AGREE ON STRUCTURE LOCATIONS AND UTILITY ROUTE BEFORE CONSTRUCTION. PROVIDE HUB STANDARD SERVICE CONNECTIONS AS INDICATED ON PLAN. UNDERGROUND UTILITIES WILL BE TRENCHED WITH TRACER WIRE TO HUB STANDARD. UNDERGROUND UTILITIES WILL BE MARKED WITH VERTICAL WITNESS STAKE AS A MINIMUM AT SERVICE CONNECTIONS. CHANGES IN DIRECTION MINIMUM 100 FEET APART. VALVES, E.G. AIR RELEASE, BACK FLOW, SEGREGATION, ETC WILL BE INSTALLED AT HUB'S DIRECTION. PRESSURE REDUCTION VALVES WILL BE PLACED AT SERVICE CONNECTIONS PER HUB'S DIRECTION. IT IS RECOMMENDED THE STEP SYSTEM BE EXERCISED AND MAINTENANCE PERFORMED MONTHLY BY HUB PERSONNEL.



TYP ROAD SECTION

SCALE: N.T.S.



DETAIL "A"

SCALE: N.T.S.

HUB TO CONTINUE WATER AND SEWER TO FISK ROAD VICINITY FOR CONNECTION

3/4" METER AND 2" BACK FLOW DEVICE WITH HOT BOX AT PROPERTY LINE PER HUB STANDARDS.

58.01

5 ACc

SITE PLAN USES EXISTING ROAD UNTIL EASEMENTS ARE DOCUMENTED

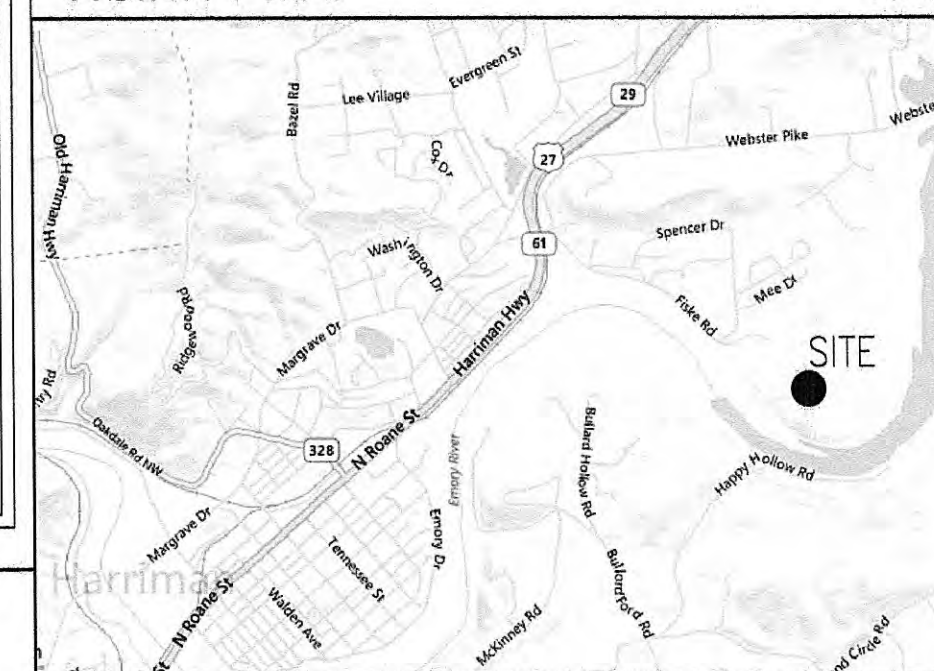


Know what's below.
Call before you dig.

SITE UTILITIES LEGEND

- SS SANITARY SEWER
- FM SAN. SEWER FORCE MAIN
- WATER LINE
- CONNECT TO EXISTING PER LOCAL UTILITY REQUIREMENTS
- BLOW OFF VALVE
- CHECK VALVE
- AIR RELEASE VALVE
- SERVICE TEE
- ISOLATION VALVE

VICINITY MAP



REVISIONS

NO.	DESCRIPTION	DATE
1	HUB COMMENTS	8/11/14

DARKHORSE ENTERTAINMENT, LLC
EAST TENNESSEE RENAISSANCE FESTIVAL
550 FISKE ROAD
HARRIMAN, TENNESSEE

UTILITY PLAN

DATE: 04/05/14

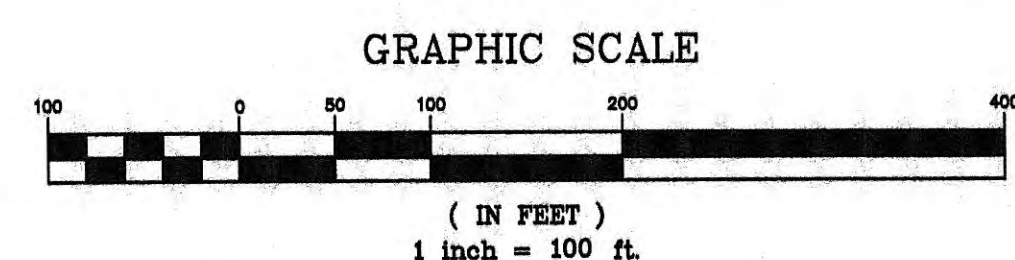
C3.0

SHEET 1 OF 3

PROJ. NO. 14110

MARK V GRAHAM
ENGINEERING CONSULTANTS, LLC

PHONE: 865 712-9210
MVG@MarkVGraham.com



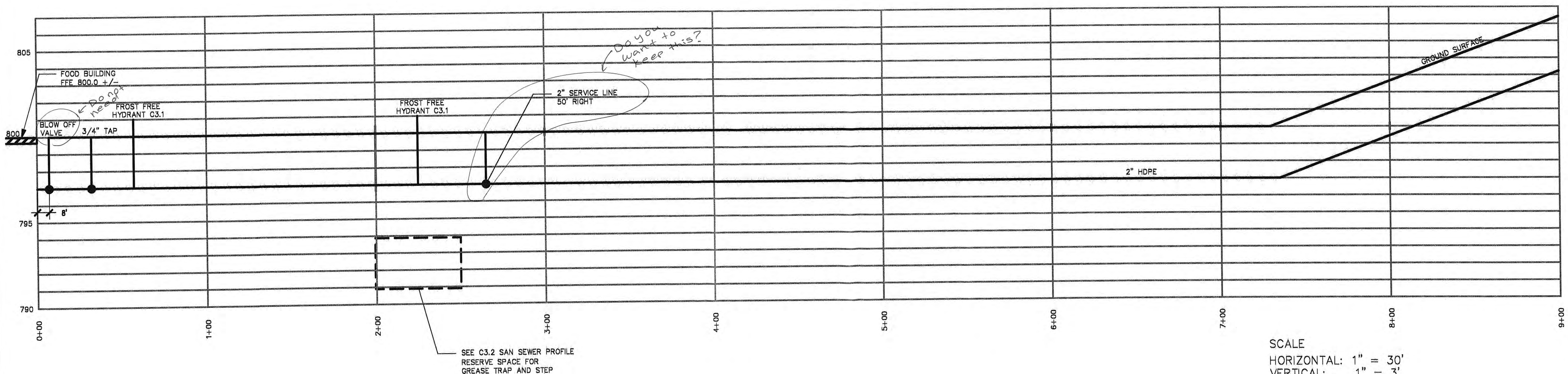
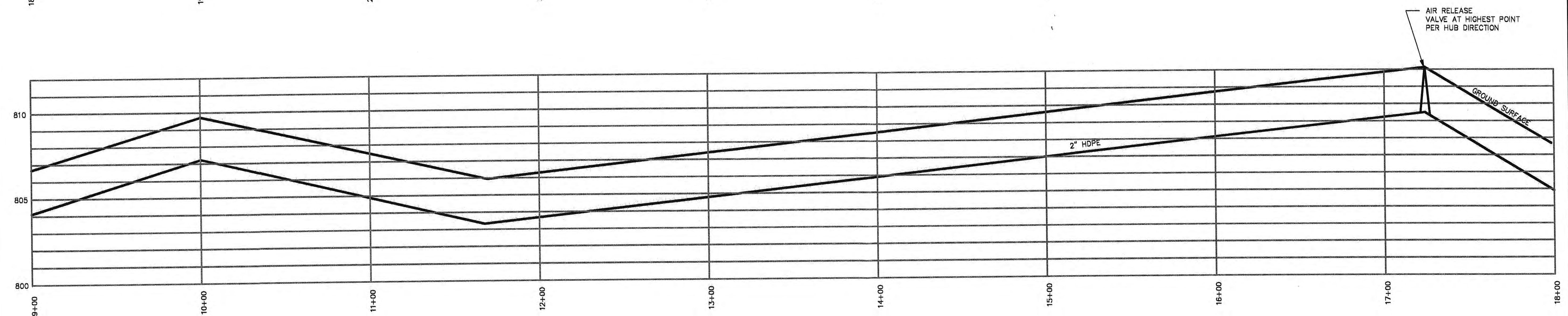
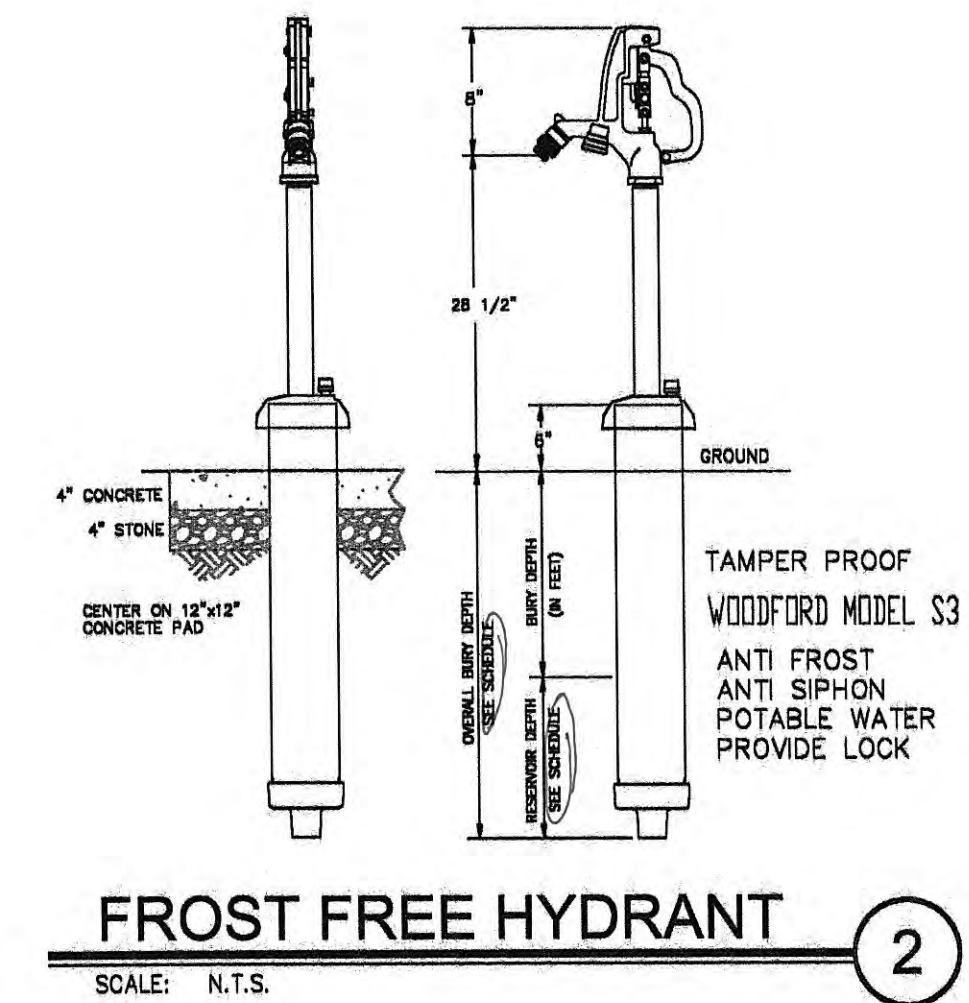
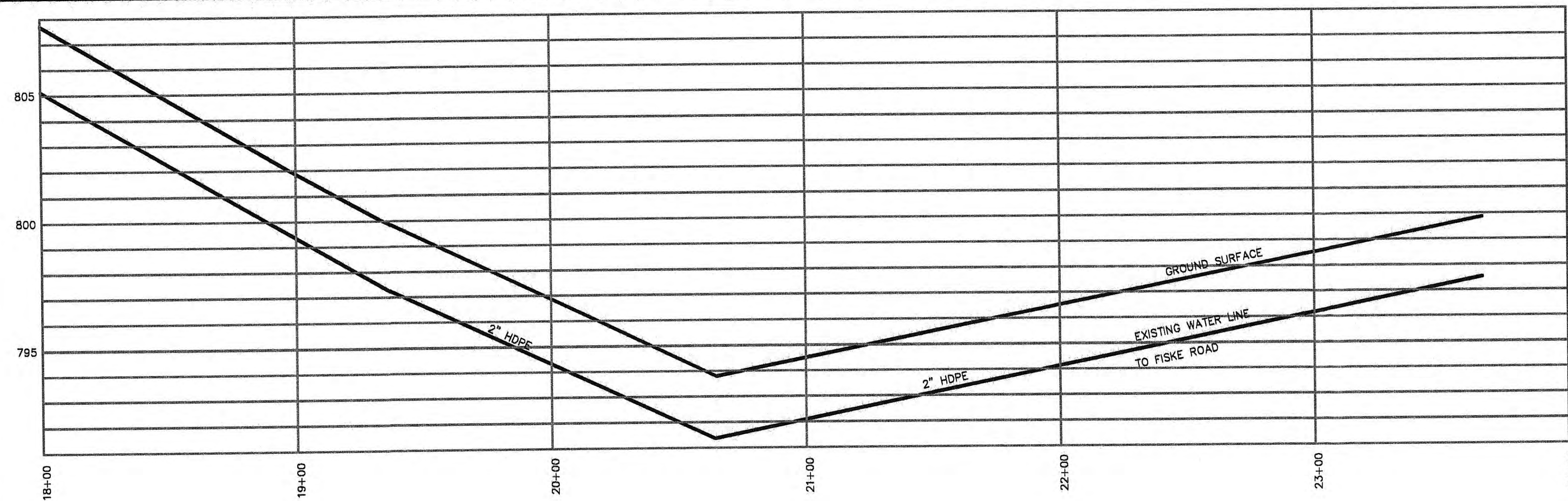
UTILITY PLAN

SCALE: 1" = 100'

1
C3.0



EMORY RIVER



SCALE
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 3'

REVISIONS

NO.	DESCRIPTION	DATE
1	COMMENTS	6/1/14

DARKHORSE ENTERTAINMENT, LLC

EAST TENNESSEE RENAISSANCE FESTIVAL
550 FISKE ROAD
HARRIMAN, TENNESSEE

UTILITY PLAN - WATER PROFILE

DATE: 04/05/14

C3.1

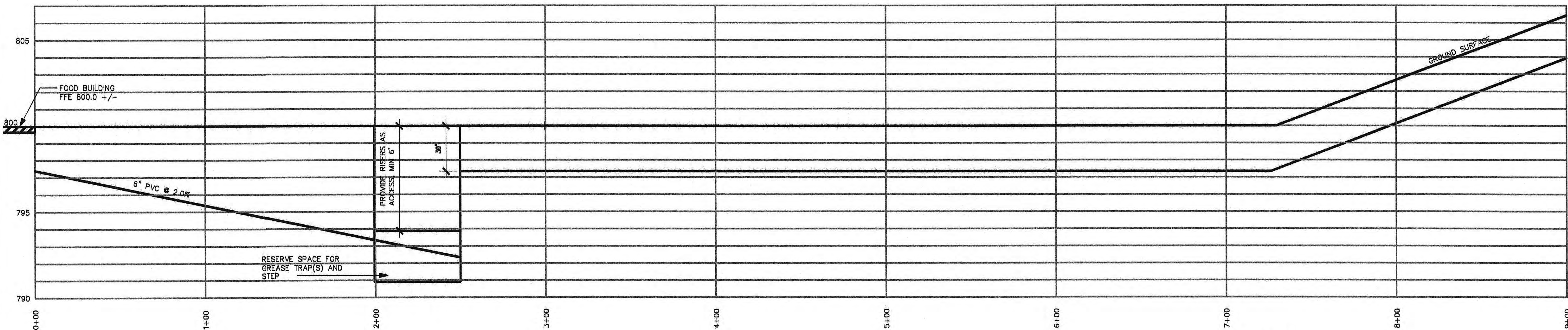
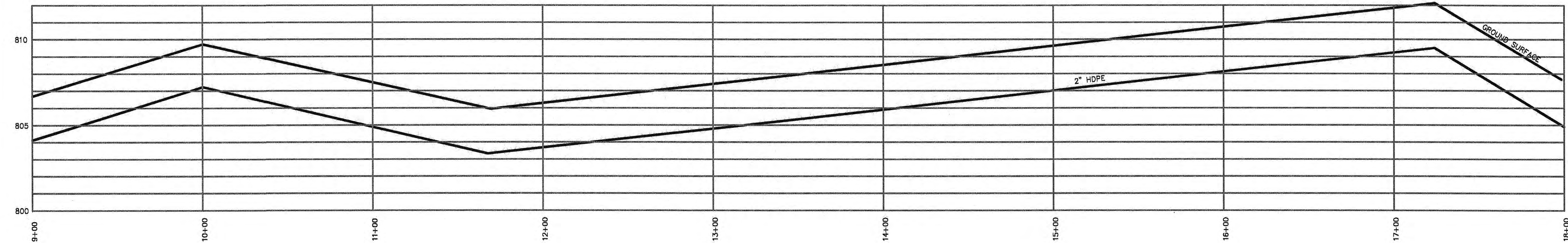
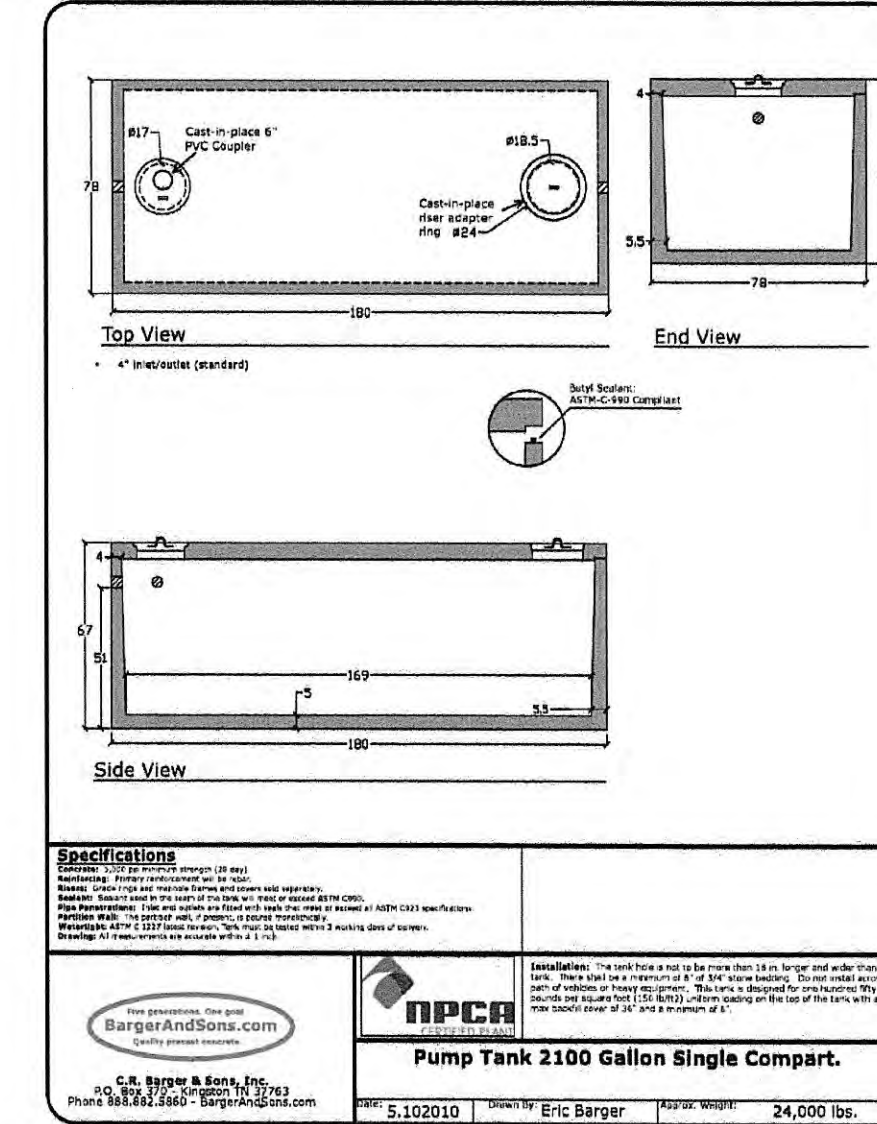
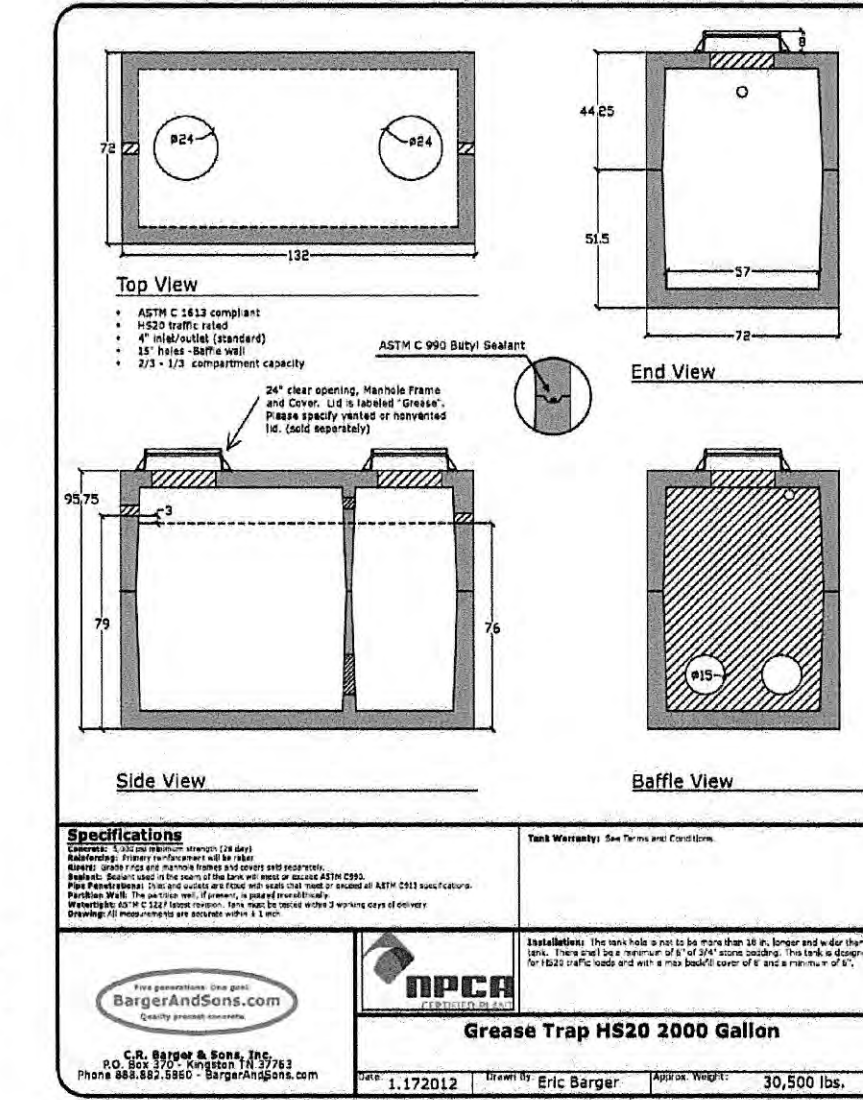
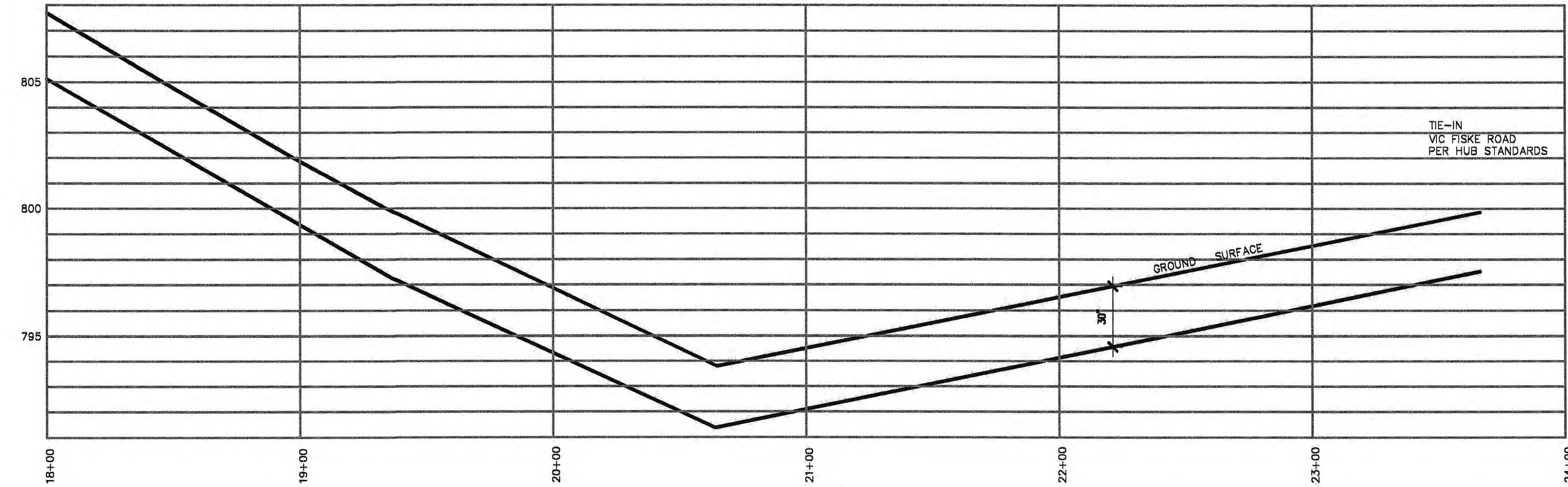
SHEET 2 OF 3

PROJ NO. 14110

MARK V GRAHAM
ENGINEERING CONSULTANTS, LLC

PO BOX 53131
KNOXVILLE, TN 37950

PHONE: 865 712-8210
MVG@MarkVGraham.com



SCALE
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 3'

REVISIONS

NO.	DESCRIPTION	DATE
1	COMMENTS	6/11/14

DARKHORSE ENTERTAINMENT, LLC
EAST TENNESSEE RENAISSANCE FESTIVAL
550 FISKE ROAD
HARRIMAN, TENNESSEE

UTILITY PLAN - SANITARY SEWER PROFILE

DATE: 04/05/14

C3.2
SHEET 3 OF 3

PROJ NO. 14110

MARK V GRAHAM
ENGINEERING CONSULTANTS, LLC

PHONE: 865.712.9210
MVG@MarkVGraham.com

PO BOX 53131
KNOXVILLE, TN 37950

UTILITY NOTES.

1. COORDINATE WITH EXISTING UTILITIES TO AVOID CONFLICTS. UTILITY INSTALLATION SHALL MEET THE REQUIREMENTS OF THE LOCAL UTILITY COMPANY AND ALL APPLICABLE CODES. COORDINATE WITH THE UTILITY COMPANY PRIOR TO CONSTRUCTION TO DETERMINE MATERIAL, INSTALLATION TESTING AND INSPECTION REQUIREMENTS. VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. PAVEMENT REPAIR AND TRAFFIC CONTROL SHALL MEET THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION. WATER AND SEWER CONNECTIONS SHALL MEET REQUIREMENTS OF THE LOCAL UTILITY.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY AND ALL PERMITS AND LICENSES REQUIRED TO WORK IN THE PUBLIC STREET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TAP FEES AND COORDINATION WITH THE LOCAL UTILITY COMPANY TO ESTABLISH WATER AND SEWER SERVICE.
4. PROVIDE 10' MIN. HORIZONTAL SEPARATION BETWEEN WATER AND SEWER LINES. WHERE CROSSINGS OCCUR, PROVIDE 18" MIN SEPARATION BETWEEN WATER AND SEWER LINES. PROVIDE 8' MIN. CLEARANCE BETWEEN STORM SEWERS AND OTHER UTILITIES. UNLESS OTHERWISE NOTED, PROVIDE 3" MINIMUM COVER FOR ALL UTILITIES.
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8. UTILITY ROUTING IS SCHEMATIC. ADJUST UTILITY LINE LOCATIONS AS NECESSARY TO AVOID CONFLICTS WITH EXISTING STRUCTURES.

GENERAL NOTES

BEFORE UTILITY CONSTRUCTION BEGINS, ROADWAY AND FOOD BUILDING WILL BE CONSTRUCTED OR LAID OUT. BOTH DARK HORSE AND HARRIMAN UTILITY BOARD, HUB WILL AGREE ON STRUCTURE LOCATIONS AND UTILITY ROUTE BEFORE CONSTRUCTION.

PROVIDE HUB STANDARD SERVICE CONNECTIONS AS INDICATED ON PLAN.

UNDERGROUND UTILITIES WILL BE TRENCHED WITH TRACER WIRE TO HUB STANDARD.

UNDERGROUND UTILITIES WILL BE MARKED WITH VERTICAL WITNESS STAKE AS A MINIMUM

AT SERVICE CONNECTIONS

CHANGES IN DIRECTION

MINIMUM 500 FEET APART

VALVES, E.G. AIR RELEASE, BACK FLOW, SEGREGATION, ETC WILL BE INSTALLED AT HUB'S DIRECTION

PRESSURE REDUCTION VALVES WILL BE PLACED AT SERVICE CONNECTIONS PER HUB'S DIRECTION

IT IS RECOMMENDED THE STEP SYSTEM BE EXERCISED AND MAINTENANCE PERFORMED MONTHLY BY HUB PERSONNEL

NOTE:
WATER METER CONNECTION AT PROPERTY LINE
INCLUDES HOT BOX WITH POWER BACK FLOW
PREVENTION DEVICE - CONNECT ELECTRICAL PER
HARRIMAN UTILITY BOARD DIRECTION

NOTES

PAD MOUNTED TRANSFORMER SHALL HAVE GROUND RODS
PLACE AS DIRECTED BY HUB

TRANSFORMER PAD TO BE 5' FROM BUILDING, 5' FROM FENCE

CONDUCTORS

THE MINIMUM SIZE CONDUCTOR FOR ALL POWER AND
LIGHTING SHALL BE NO. 12 AWG. SOLID FOR SIZES NO. 10
AWG AND SMALLER, STRANDED FOR NO. 8 AWG AND
LARGER

CONDUCTORS SHALL BE 99% CONDUCTIVITY COPPER
AND MEET OR EXCEED UL STANDARD 83, FEDERAL
SPECIFICATION J-C-30A AND NATIONAL ELECTRICAL CODE

NO LUBRICANT OTHER THAN POWDERED SOAPSTONE OR
APPROVED PULLING COMPOUND MAY BE USED

CONDUCTORS SHALL NOT BE NICKED DURING
INSTALLATION, REMOVAL OR BENT AT SHARP ANGLES

EXTEND CIRCUIT INTO BUILDING AND
CONNECT TO PANEL BOARD.

PROVIDE 120V CONNECTION TO SEWER LIFT PUMP. INSTALL
ALL COMPONENTS AND WIRING REQUIRED,
INCLUDING LIGHT AND WARNING DEVICES. COORDINATE WITH
PUMP AND VAULT VENDOR. VERIFY PUMP 3/4 HP, 230V

PUMP AND VAULT VENDOR
C.R. BARGER & SONS, INC.
PO BOX 370
KINGSTON TN 37763
888.882.5860
BargerAndSons.com

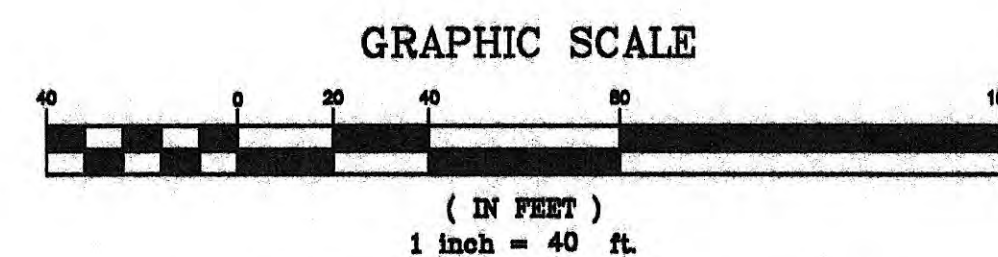
(3) 2-1/2" SCH 80 PVC. TURN UP LONG SWEEP ELL AT
TRANSFORMER. PROVIDE 48" MIN COVER.

BUILDING MOUNTED
800 AMP SERVICE DISCONNECT,
MAIN BREAKER

SECONDARY WIRING
(2) 3-1/2" PVC
2 (4-#500 KCMIL)

NEW PAD MOUNTED ELECTRICAL
TRANSFORMER, 208Y/120V, 3-PHASE,
PER UTILITY DETAIL, METERED
BY UTILITY COMPANY

CONCRETE PIPE BOLLARDS



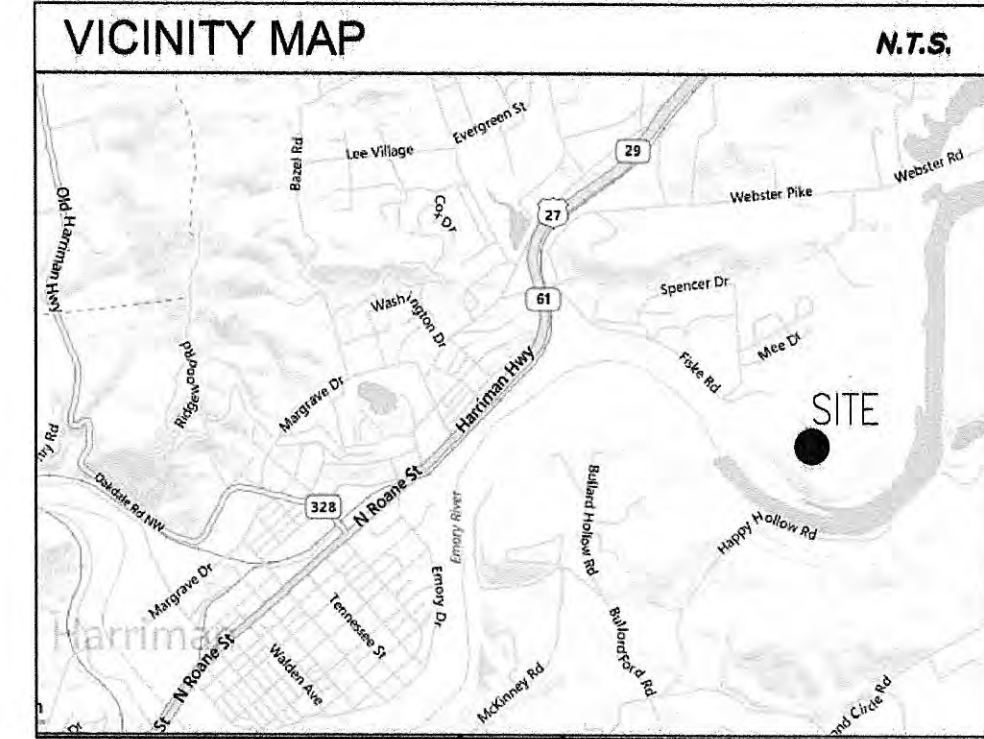
ELECTRICAL PLAN

SCALE: 1" = 40'

1
E1.0

MAGNETIC
NORTH

SITE
NORTH



REVISIONS

NO.	DESCRIPTION	DATE

DARKHORSE ENTERTAINMENT, LLC
EAST TENNESSEE RENAISSANCE FESTIVAL

550 FISKE ROAD
HARRIMAN, TENNESSEE

ELECTRICAL PLAN

DATE: 04/05/14

E1.0

SHEET 1 OF 1

PROJ NO. 14110

MARK V GRAHAM
ENGINEERING CONSULTANTS, LLC

PHONE: 885 712-9210
MVG@MarkVGraham.com
PO BOX 53131
KNOXVILLE, TN 37950



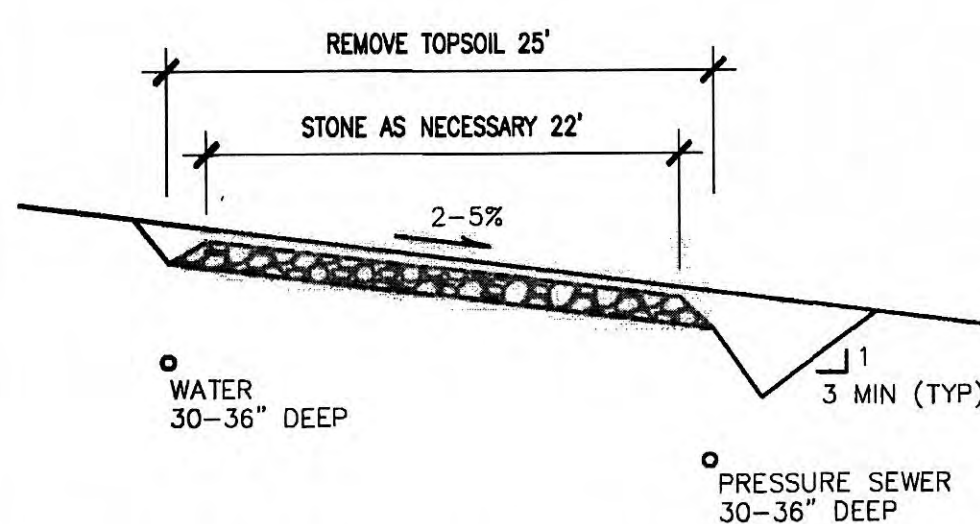
Know what's below.
Call before you dig.

Five generations. One goal.
BargerAndSons.com
Quality precast concrete.

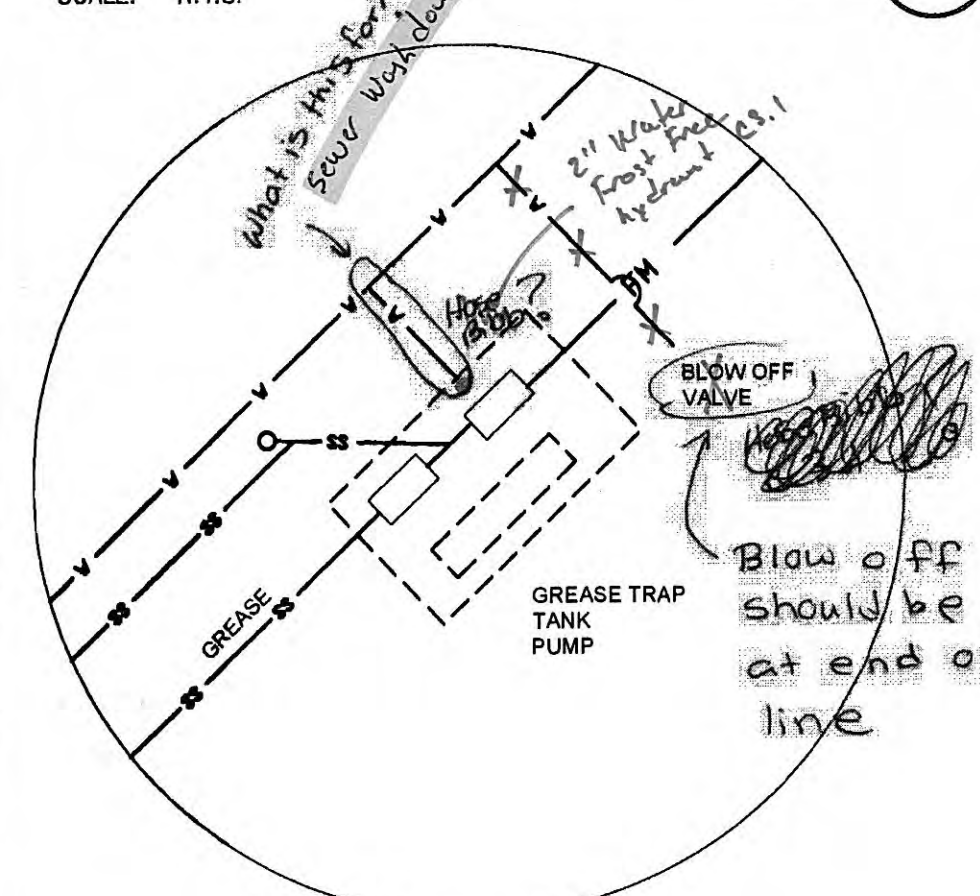
C.R. Barger & Sons, Inc.
P.O. Box 370 - Kingston TN 37763
Phone 888.882.5860 - BargerAndSons.com

1. COORDINATE WITH EXISTING UTILITIES TO AVOID CONFLICTS. UTILITY INSTALLATION SHALL MEET THE REQUIREMENTS OF THE UTILITY OF THE CITY OF DENVER AND ALL APPLICABLE CODES. COORDINATE WITH THE UTILITY COMPANY PRIOR TO CONSTRUCTION TO DETERMINE MATERIAL, INSTALLATION METHOD, DEPTH, INSPECTION AND TESTING REQUIREMENTS, LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. PAYMENT REQUIRED AND TRAFFIC CONTROL SHALL MEET THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION. WATER AND SEWER CONNECTIONS SHALL MEET THE REQUIREMENTS OF THE LOCAL UTILITY.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY AND ALL PERMITS AND LICENSES REQUIRED TO WORK IN THE PUBLIC STREET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL PERMITS AND LICENSES WITH THE LOCAL UTILITY COMPANY TO ESTABLISH WATER AND SEWER SERVICE.
4. PROVIDE 10' MIN. HORIZONTAL SEPARATION BETWEEN WATER AND SEWER LINES. WHERE CROSSINGS OCCUR, PROVIDE 18" MIN. SEPARATION BETWEEN WATER AND SEWER LINES. PROVIDE 6" MIN. CLEARANCE BETWEEN ALL CONDUITS AND ALL OTHER UTILITIES. PROVIDE 3" MINIMUM COVER FOR ALL UTILITIES.
5. ADJUST ALL EXISTING UTILITY STRUCTURES, WHETHER SPECIFICALLY INDICATED ON THE DRAWINGS OR NOT, TO MATCH FINAL GRADES. ADJUSTMENTS SHALL MEET THE REQUIREMENTS OF THE LOCAL UTILITY COMPANY.
6. CONFLICTS WITH LOCAL UTILITY REQUIREMENTS TO REMOVE OR ABANDON EXISTING UTILITIES, WHETHER SPECIFICALLY INDICATED ON THE DRAWINGS OR NOT, THAT ARE LOCATED WITHIN THE PROJECT LIMITS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7. UTILITIES NOT SPECIFICALLY INDICATED ON THE DRAWINGS SHALL BE TYPICAL. ALL DOMESTIC WATER PIPE AND FITTINGS SHALL BE COPPER TYPE K MEETING THE REQUIREMENTS OF ASTM B 88. FITTINGS SHALL BE COPPER OR COPPER ALLOY MEETING THE REQUIREMENTS OF ASTM B 16.22.
8. UTILITY ROUTING IS NECESSARY TO AVOID UTILITY LINE LOCATIONS AS SPECIFICALLY TO AVOID CONFLICTS WITH THE PROJECT STRUCTURE.

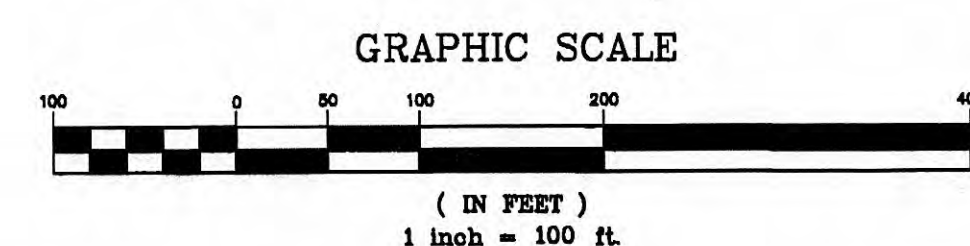
BEFORE UTILITY CONSTRUCTION BEGINS, ROADWAY AND FOOD
 BUILDING WILL BE CONSTRUCTED OR LAID OUT; BOTH DARK
 NOSEBOLD PARKING LOT BOARDWALK WILL AGREE ON
 STRUCTURE LOCATIONS AND UTILITY ROUTE BEFORE
 CONSTRUCTION.
 PROVIDE HUB STANDARD SERVICE CONNECTIONS AS
 INDICATED ON PLAN.
 UNDERGROUND UTILITIES WILL BE TRENCHED WITH TRACER
 WIRE TO HUB STANDARD.
 UNDERGROUND UTILITIES WILL BE MARKED WITH VERTICAL
 WARNING STAKES AS A MINIMUM.
 AT SERVICE CONNECTIONS
 CHANGES IN DIRECTION
 UNLESS OTHERWISE APPEAR
 VALVES E.G. AIR RELEASE, BACKFLOW, SEGREGATION, ETC
 WILL BE INSTALLED AT HUB'S DIRECTION
 PRESSURE REDUCTION VALVES WILL BE PLACED AT SERVICE
 CONNECTIONS PER HUB'S DIRECTION.
 IT IS THE USER'S RESPONSIBILITY TO EXERCISE AND
 MAINTENANCE PERFORMED MONTHLY BY HUB PERSONNEL.



SCALE: N.T.S. 1 2

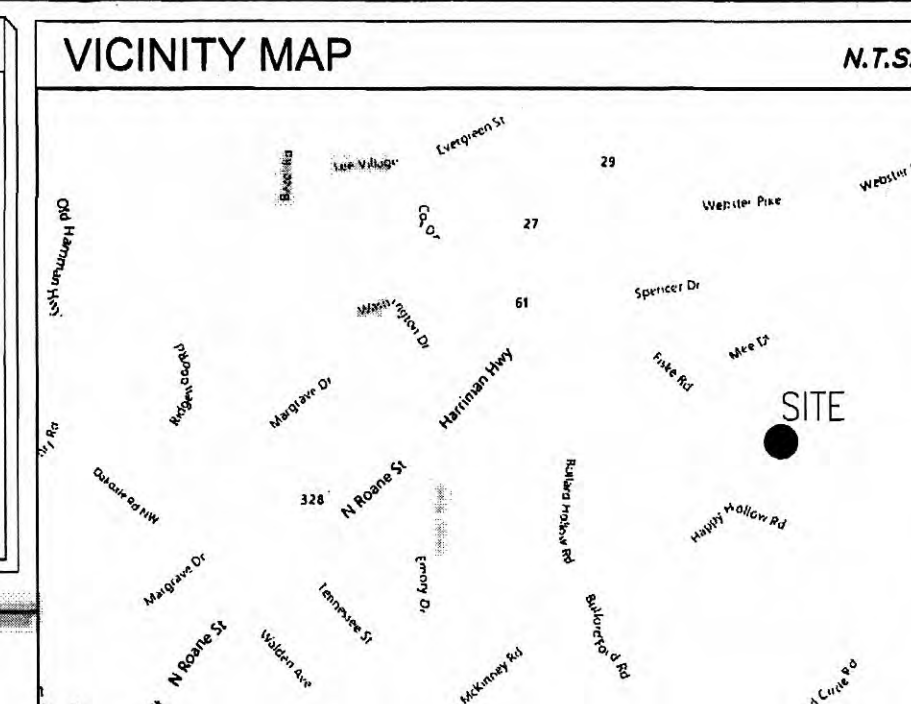


SCALE: N.T.S.



SITE UTILITIES LEGEND

		SANITARY SEWER
		SAN. SEWER FORCE MAIN
		WATER LINE
		CONNECT TO EXISTING PER LOCAL UTILITY REQUIREMENTS
BOV		BLOW OFF VALVE
CV		CHECK VALVE
ARV		AIR RELEASE VALVE
ST		SERVICE TEE
IV		ISOLATION VALVE



REVISIONS		
NO.	DESCRIPTION	DATE
1	Heb Commach	6/11/18

DARKHORSE ENTERTAINMENT, LLC
EAST TENNESSEE RENAISSANCE FESTIVAL
550 FISKE ROAD
HARRIMAN, TENNESSEE

DATE: 04/05/14

C3.0

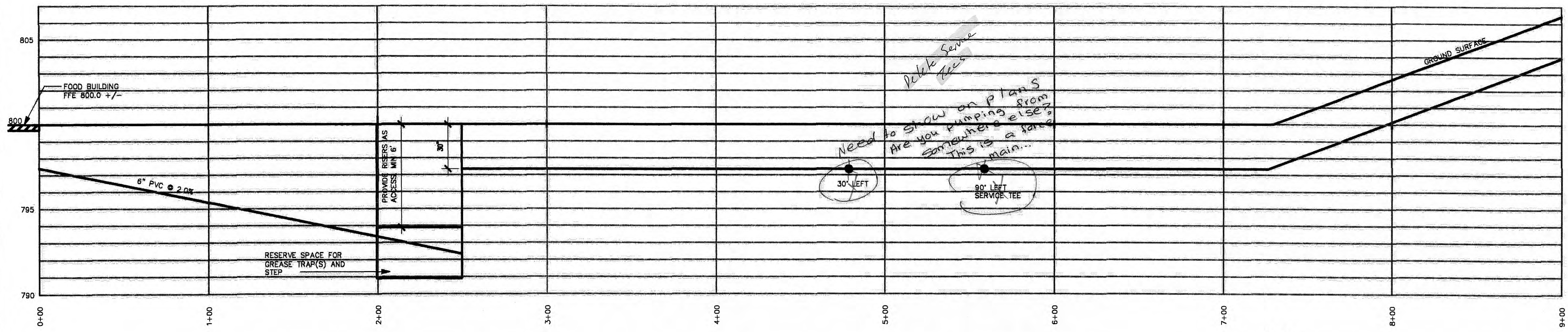
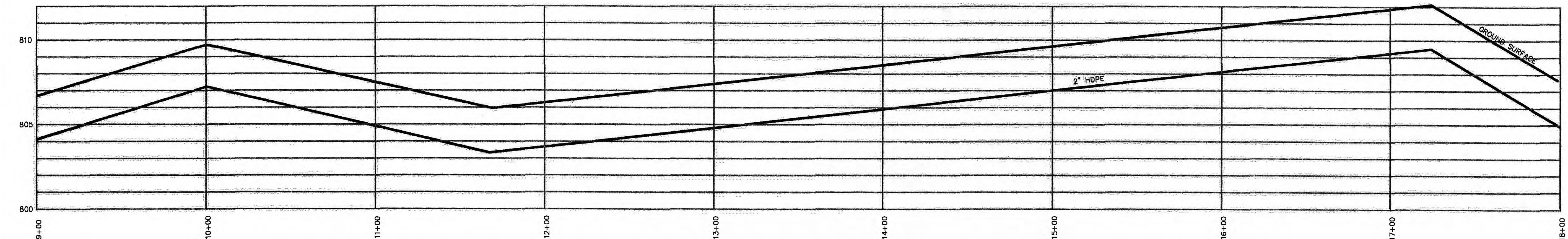
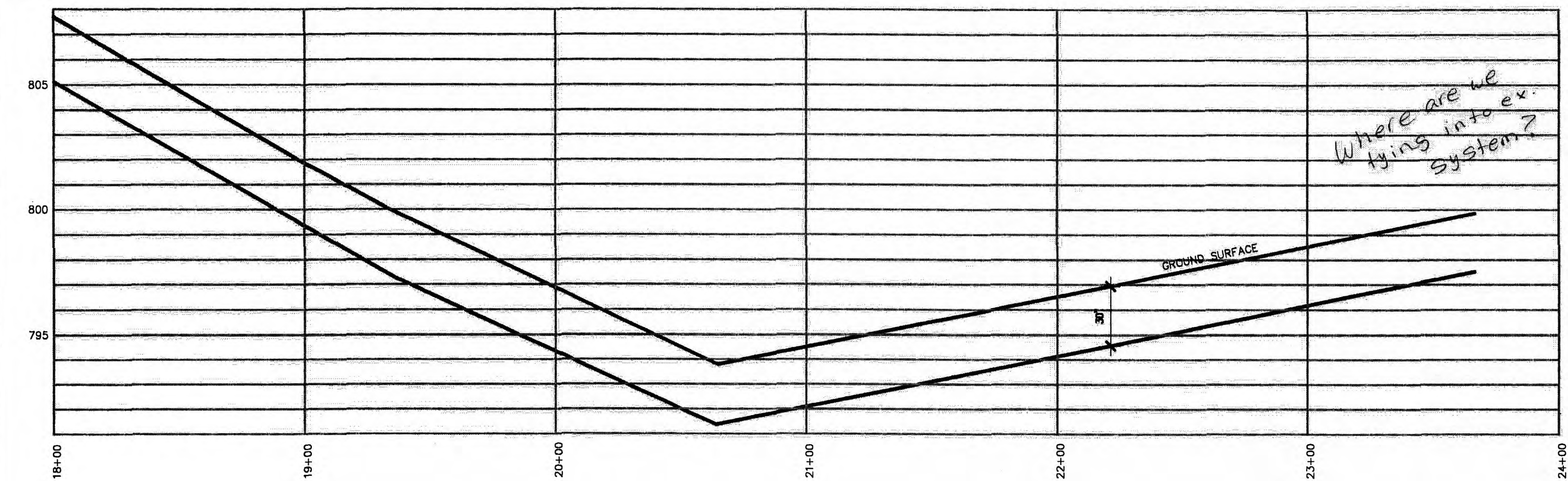
PROJ NO.	14110
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MARK V GRAHAM
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UTILITY PLAN

PHONE: 865 712-9210
MVG@MarkVGraham.com

PO BOX 53131
KNOXVILLE TN 37950



SCALE
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 3'

MARK V GRAHAM
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KNOXVILLE, TN 37950

DARKHORSE ENTERTAINMENT, LLC
EAST TENNESSEE RENAISSANCE FESTIVAL
550 FISKE ROAD
HARRIMAN, TENNESSEE

UTILITY PLAN - SANITARY SEWER PROFILE

REVISIONS	
NO.	DESCRIPTION
1	HMA Commenced

DATE: 04/05/14

C3.2

SHEET 3 OF 3

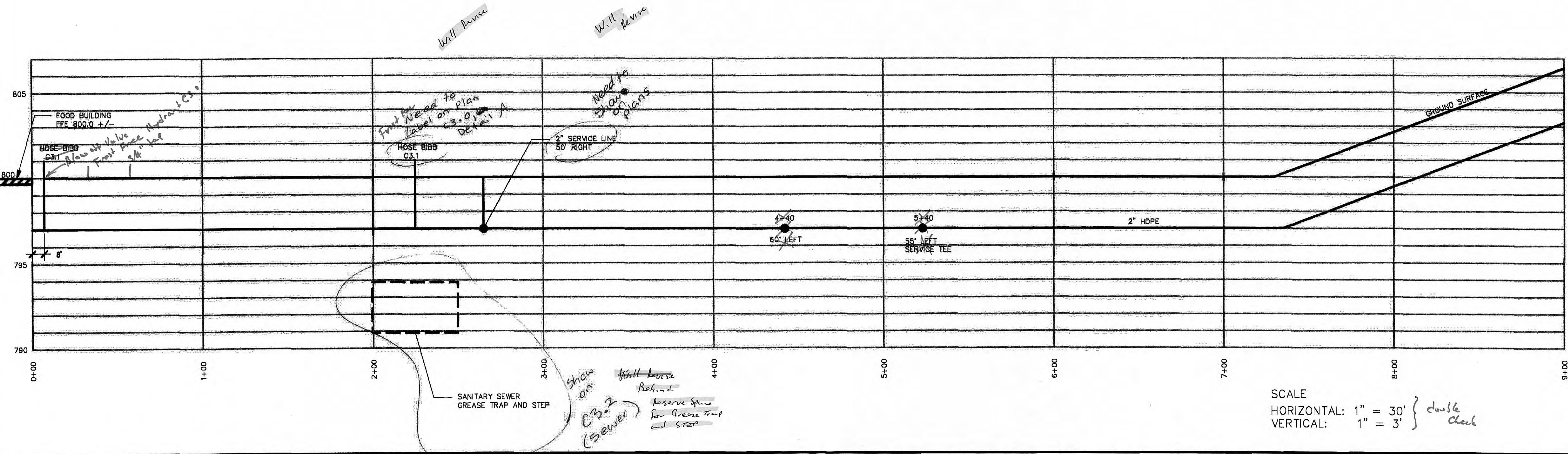
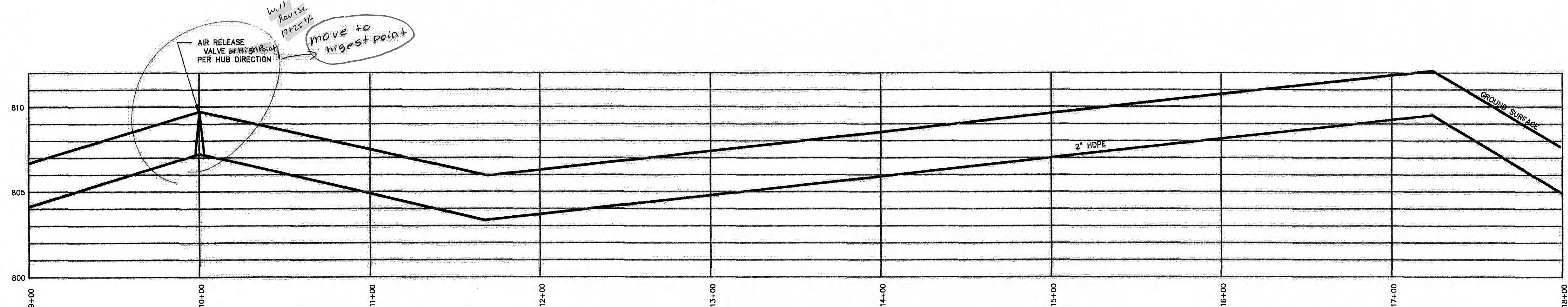
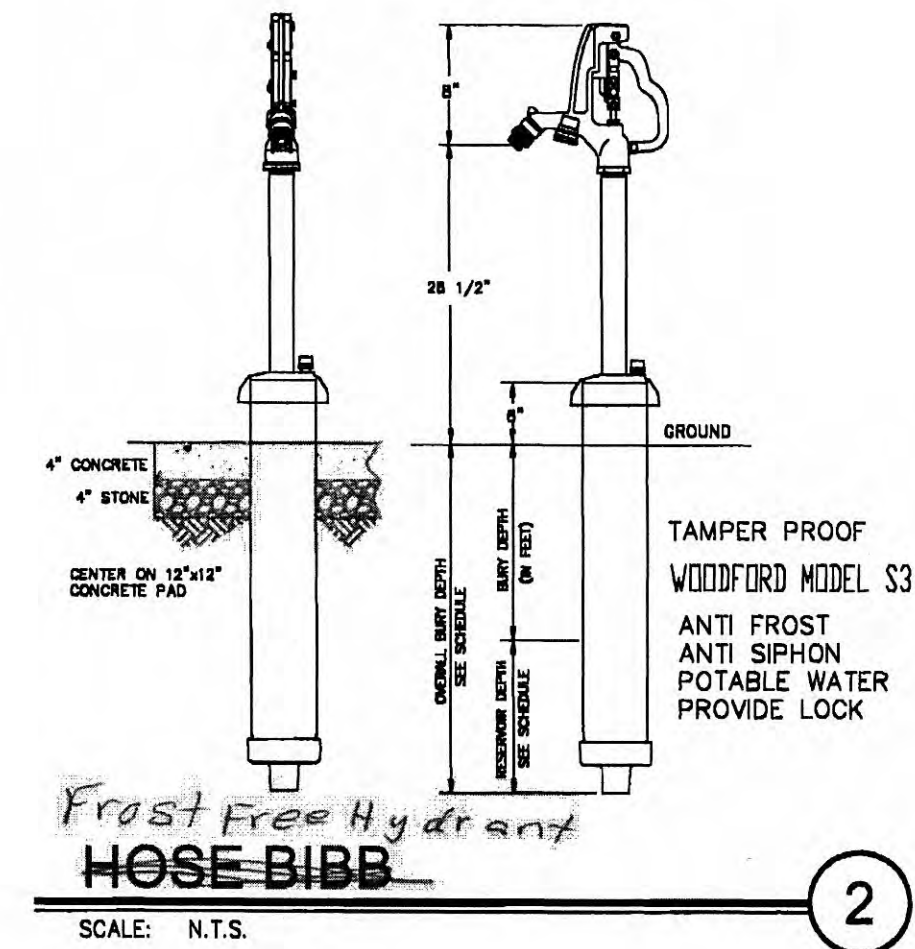
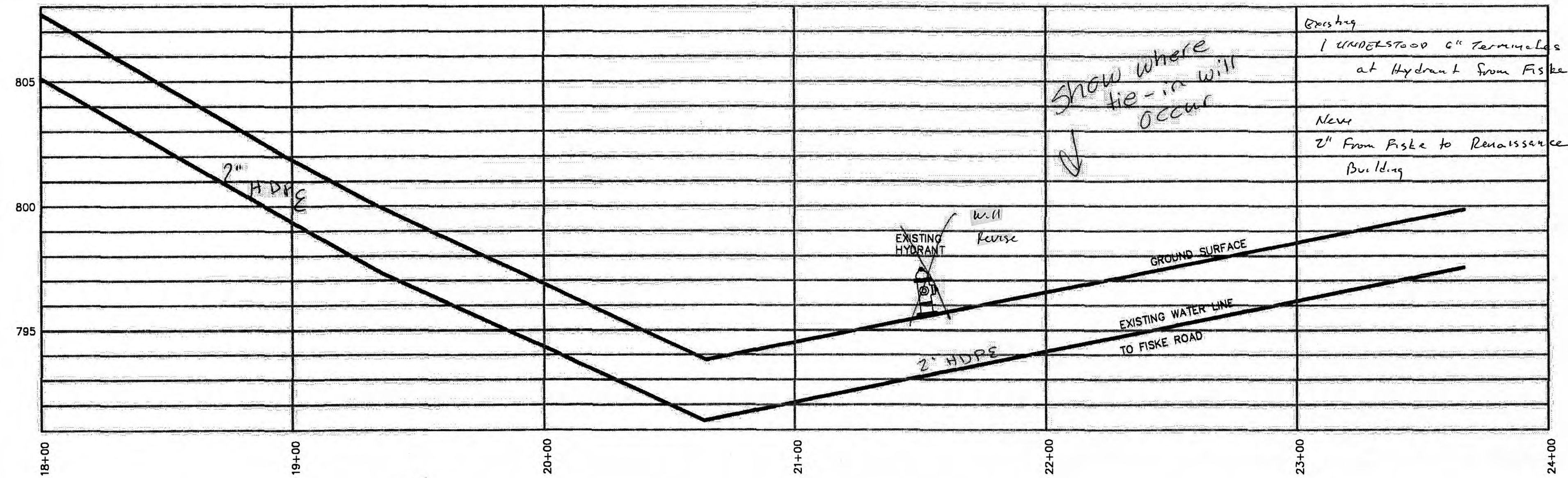
PROJ NO. 14110

DATE: 04/05/14

C3.2

SHEET 3 OF 3

PROJ NO. 14110



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MVG@MarkVGraham.com

PO BOX 53131
KNOXVILLE, TN 37950

REVISIONS		DATE
NO.	DESCRIPTION	
1	Has Comments	6/1/14

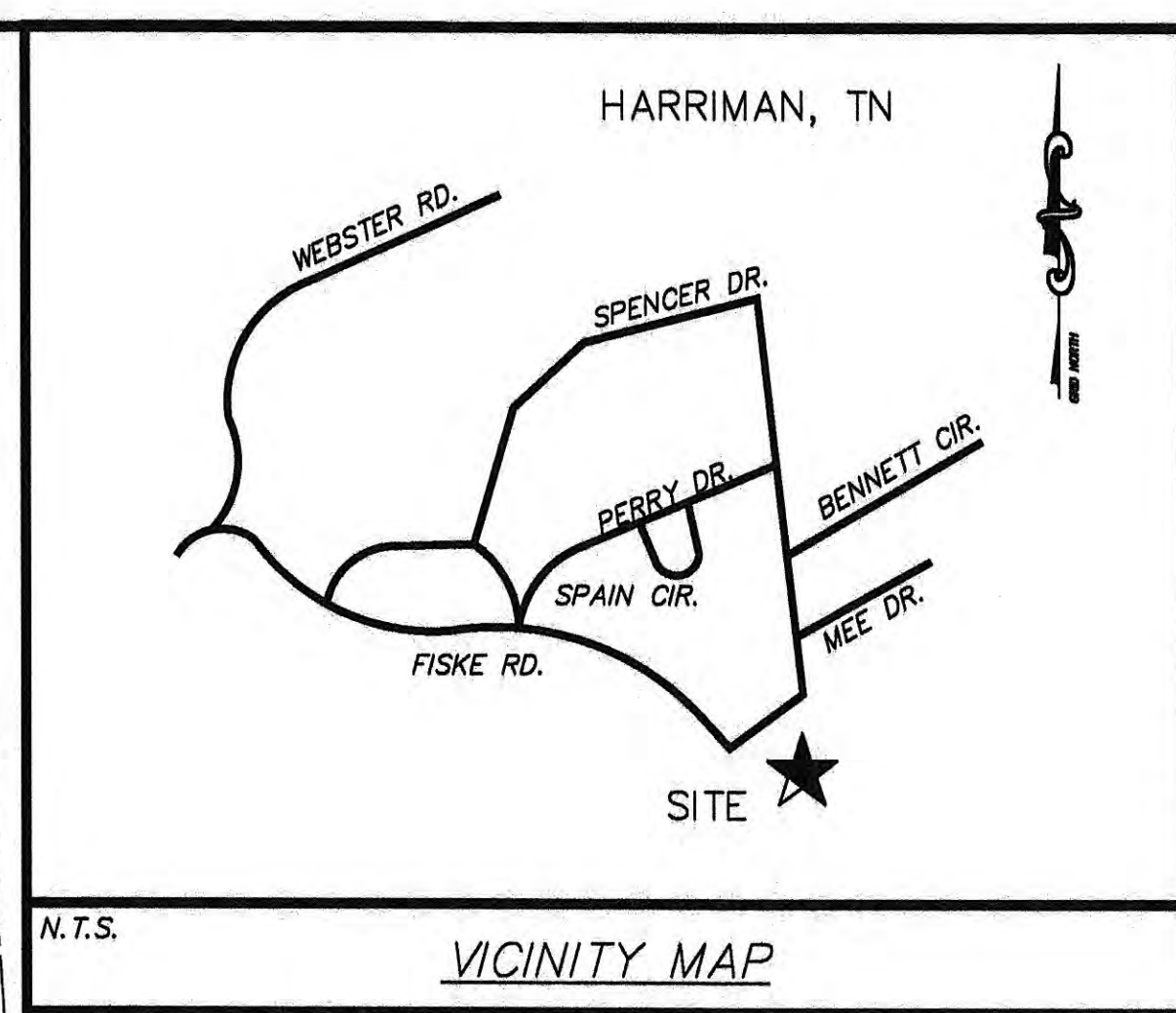
DARKHORSE ENTERTAINMENT, LLC
EAST TENNESSEE RENAISSANCE FESTIVAL
550 FISKE ROAD
HARRIMAN, TENNESSEE

UTILITY PLAN - WATER PROFILE

DATE: 04/05/14

C3.1
SHEET 2 OF 3

PROJ. NO. 14110



LEGEND	
●	IRON ROD SET
IR(F)	IRON ROD FOUND
IP(F)	IRON PIPE FOUND
◎	POINT
MFP(F)	METAL FENCE POST FOUND
RRS	RAILROAD SPIKE
OHU	OVERHEAD UTILITIES
⌚	POWER POLE
○	PROPERTY CORNER
—X—	FENCE
P.O.B.	POINT OF BEGINNING
OHT	OVERHEAD TELEPHONE

BOUNDARY SURVEY

QUALITY LAYOUT ETC.

William B. Steelman RLS #18371 DARKHORSE ENTERTAINMENT, LLC.
193 Red Dud Drive
Harriman, Tennessee 37748 EAST TENNESSEE RENAISSANCE FESTIVAL
Fiske Road & Riverview Industrial Drive
First Civil District, City of Harriman, Roane County,
Office 865-335-7473 Fax 865-882-0491
email address: wbsteel@aol.com

email address: wbsteel@aol.com

DRAWN BY: WBS DATE: 05/27/14
CHECKED BY: WBS FILE: 1180BND-14B

REVISIONS

NO.	DATE	COMMENTS
1	07/28/14	REVISED TO SH

BOUNDARY SURVEY