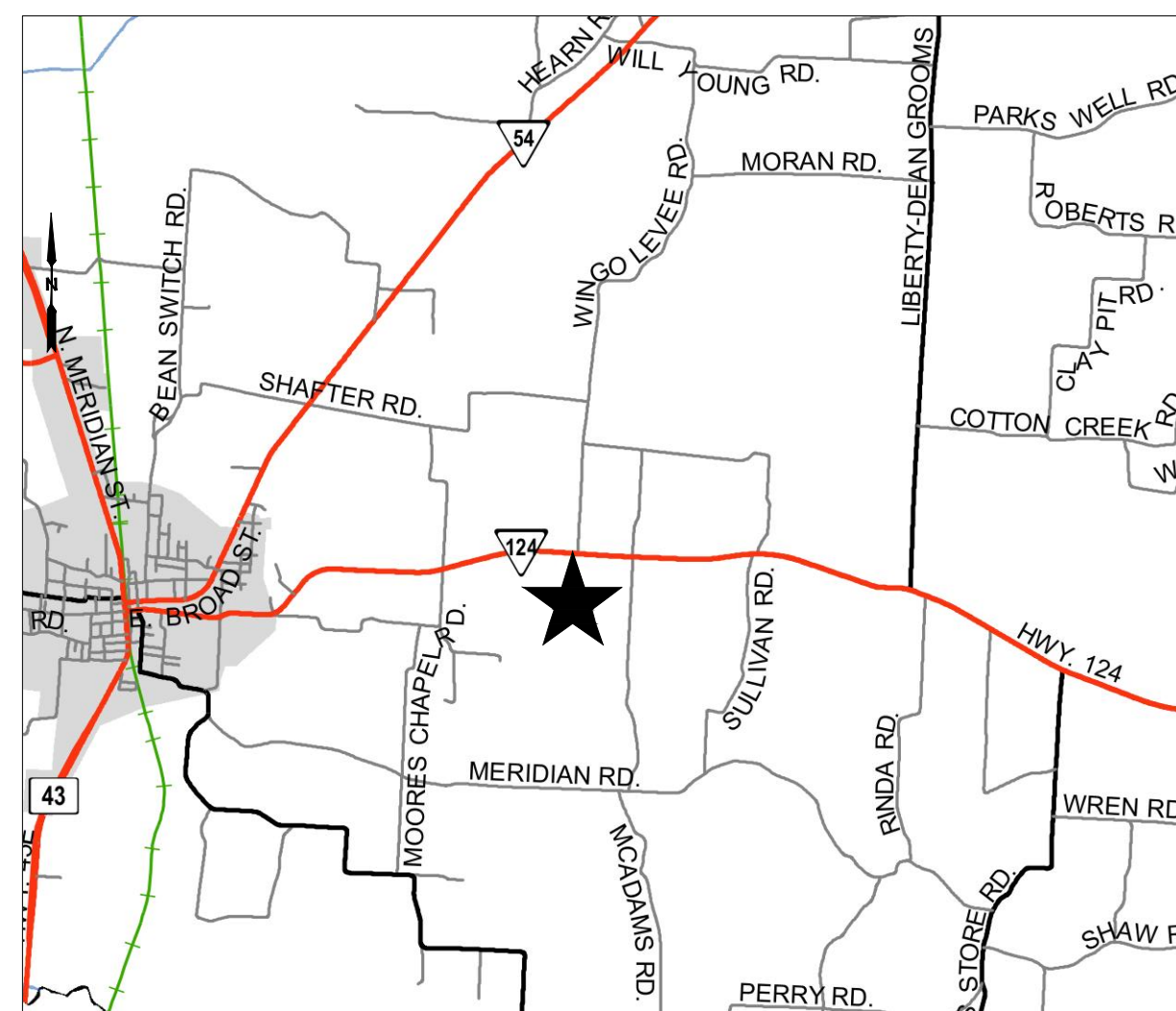


NANCY DOAN TYSON BROILER FARM TN STATE ROUTE-124 GREENFIELD, WEAKLEY, TENNESSEE



VICINITY MAP - NOT TO SCALE



SITE DATA

- A. OWNER/DEVELOPER: NANCY DOAN
CONTRACTOR: NANCY DOAN
- B. MAP 157, PARCEL 047.05 - DEED BOOK 445,
PAGE 258 WEAKLEY CO, TN
- SITE AREA: 22 +/- ACRES
- D. EXISTING USE: ROW CROP
- PROPOSED USE: TYSON BROILER HOUSE FARM
8 HOUSES
- E. THIS SITE LIES IN THE AREA OF MINIMAL FLOOD HAZARD, ZONE X,
AS SHOWN ON FEMA NFIP FIRM MAP NUMBER 47183C0350D
EFFECTIVE DATE: NOVEMBER 05, 2008

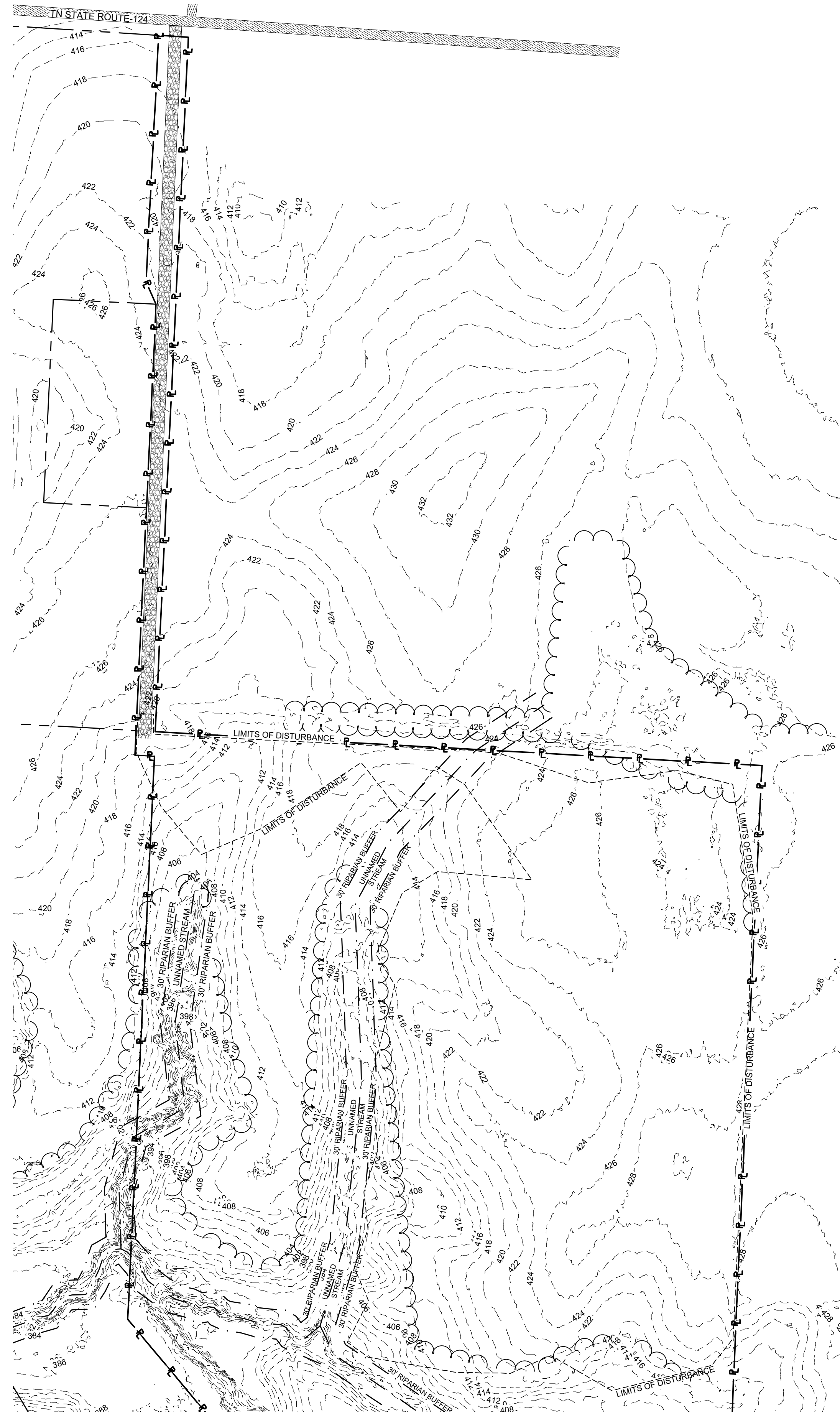
SHEET NO.	SHEET NAME	SCALE
C-000	COVER SHEET	
C-100	EXISTING CONDITION	1"=100'
C-400	A.R.A.P.	1"=20'
C-401	E.P.S.C. PHASE 1	1"=100'
C-402	E.P.S.C. PHASE 2	1"=100'
C-403	E.P.S.C. PHASE 3	1"=100'
C-900	DETAILS	



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SHEET:		NUMBER:
COVER	C-000	
REVISIONS		
NO.	DESCRIPTION	DATE

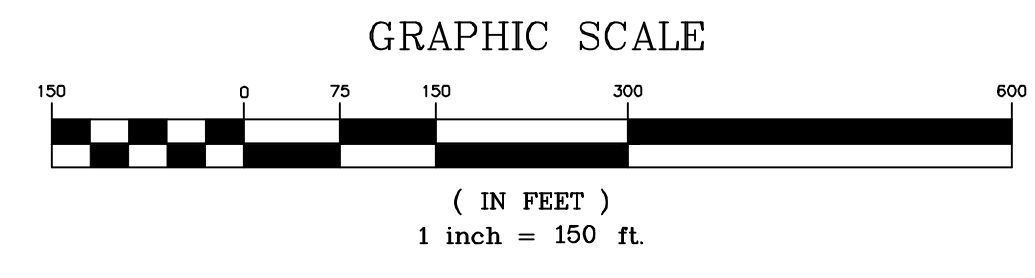


BEARING BASIS:
 TENNESSEE STATE PLANE
 COORDINATE SYSTEM - NAD 1983
 VERTICAL DATUM - NAVD 1988

LEGEND	
	PROPERTY LINE
	TREE LINE
	LIMIT OF DISTURBANCE
	30' RIPARIAN STREAM BUFFER
	DRAINAGE AREA PERIMETER
	WIRE BACKED SILT FENCE
	SLOPE ARROW
	STRAW WADDLE
	ENHANCED ROCK CHECK DAM
	ROCK CHECK DAM
	ROCK CHECK DAM AT PIPE INLET
	UNDISTURBED AREA
	EXISTING PAVEMENT
	PROPOSED STRUCTURE
	GRAVEL PAVEMENT
	STABILIZED AREA
	OUTFALL

EXISTING CONDITION NOTES

1. THE EXISTING SITE IS CURRENTLY FALLOW WITH A HISTORY OF ROW CROP PRODUCTION.
2. THE AREAS TO THE NORTH, EAST, AND SOUTH OF THE SITE ARE TO BE UNDISTURBED.
3. THE SITE TO THE WEST HAS APPLIED FOR A NPDES PERMIT (HANH TIEN, LLC).
4. THE WATER QUALITY RIPARIAN BUFFER ZONE SHOULD BE PRESERVED BETWEEN THE TOP OF STREAM BANK AND THE DISTURBED CONSTRUCTION AREA. THE 30-FOOT CRITERION FOR THE WIDTH OF THE BUFFER ZONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH BASIS AT A PROJECT, AS LONG AS THE MINIMUM WIDTH OF THE BUFFER ZONE IS MORE THAN 15 FEET AT ANY MEASURED LOCATION. IF THE CONSTRUCTION SITE ENCOMPASSES BOTH SIDES OF A STREAM, BUFFER AVERAGING CAN BE APPLIED TO BOTH SIDES, BUT MUST BE APPLIED INDEPENDENTLY.



NANCY DOAN
TYSON BROILER FARM
 TN STATE ROUTE-124
 GREENFIELD, WEAKLEY, TENNESSEE

REVISIONS	
NO.	

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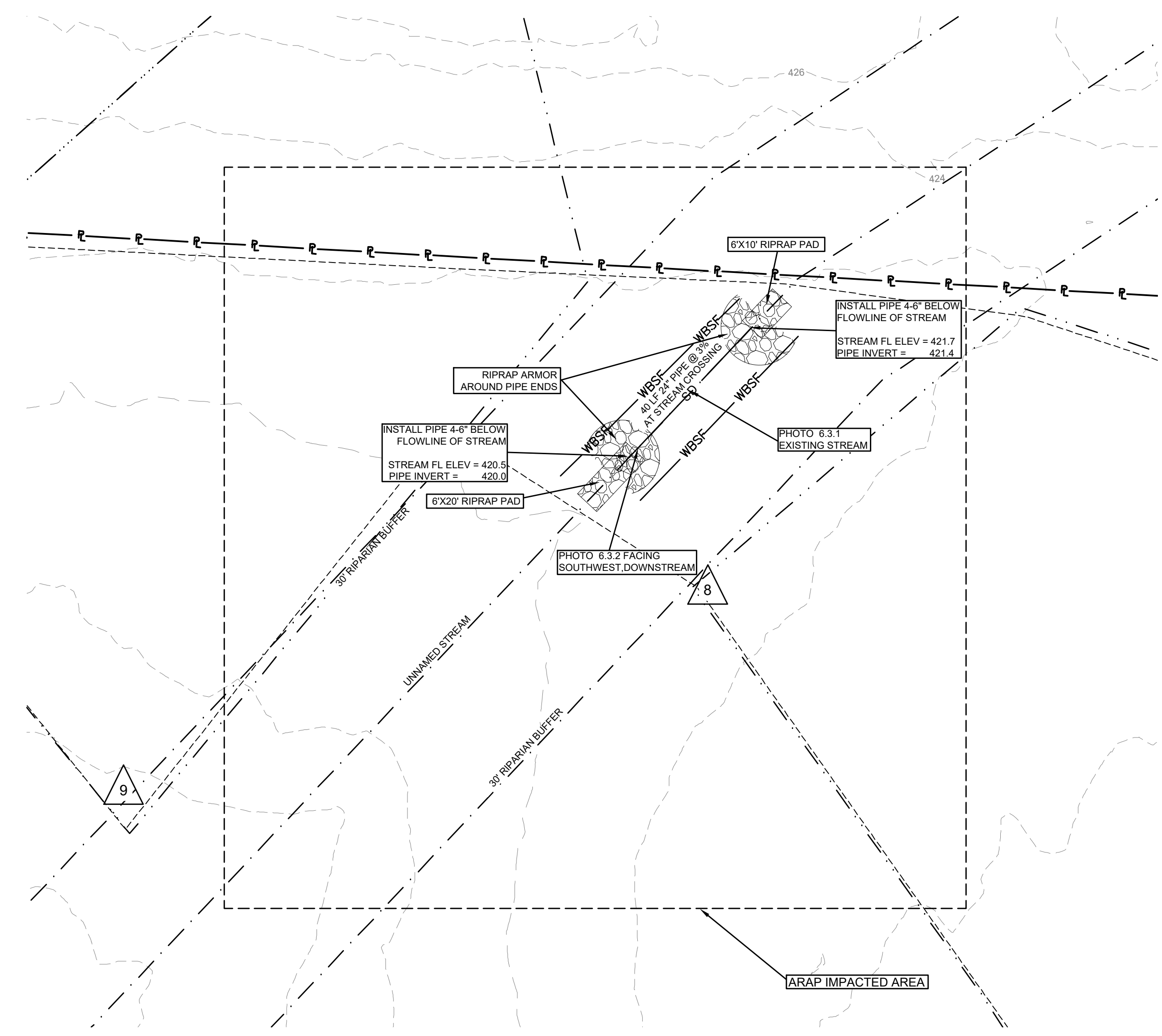
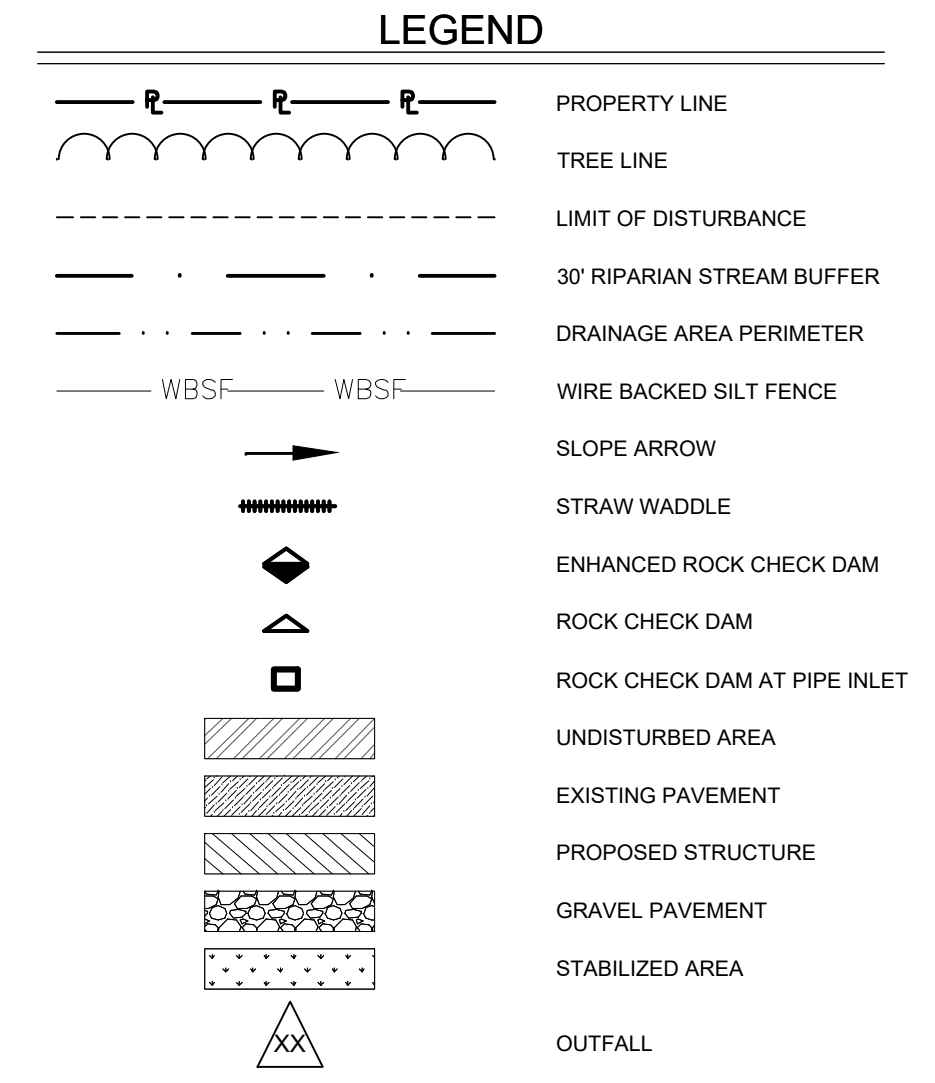
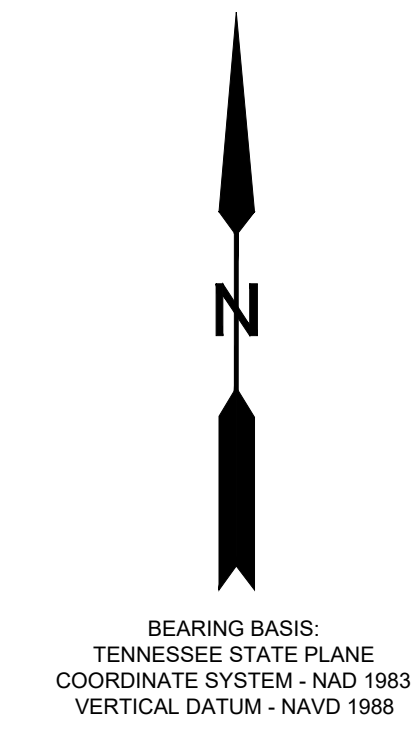
EXISTING CONDITIONS C-100

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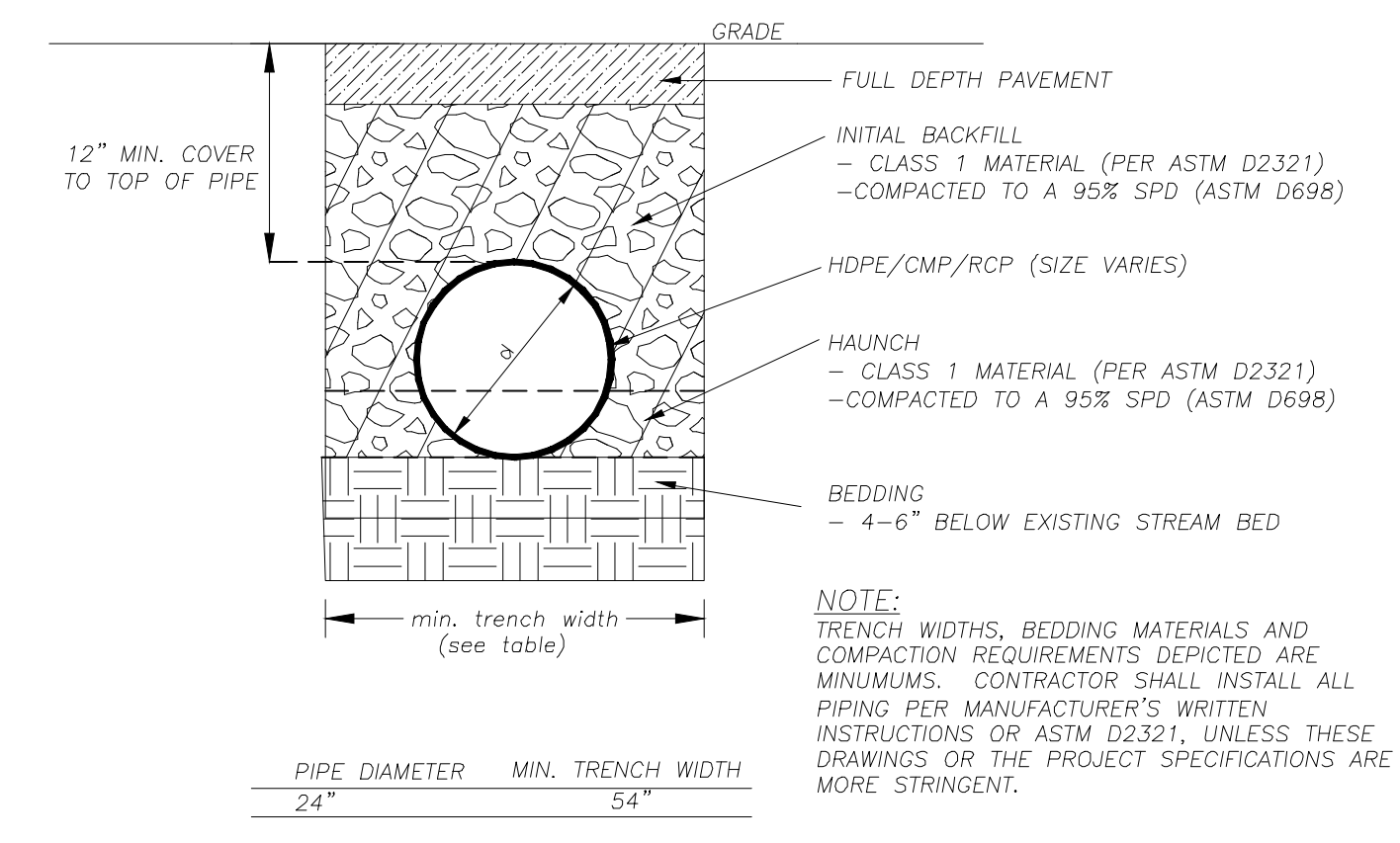
DRAWN BY: TGT CHECKED BY: WFS SCALE: 1"=150'
 PROJECT # 190258.23 DATE: 05/21/2021

NANCY DOAN TYSON BROILER FARM TN STATE ROUTE-124 GREENFIELD, WEAKLEY, TENNESSEE

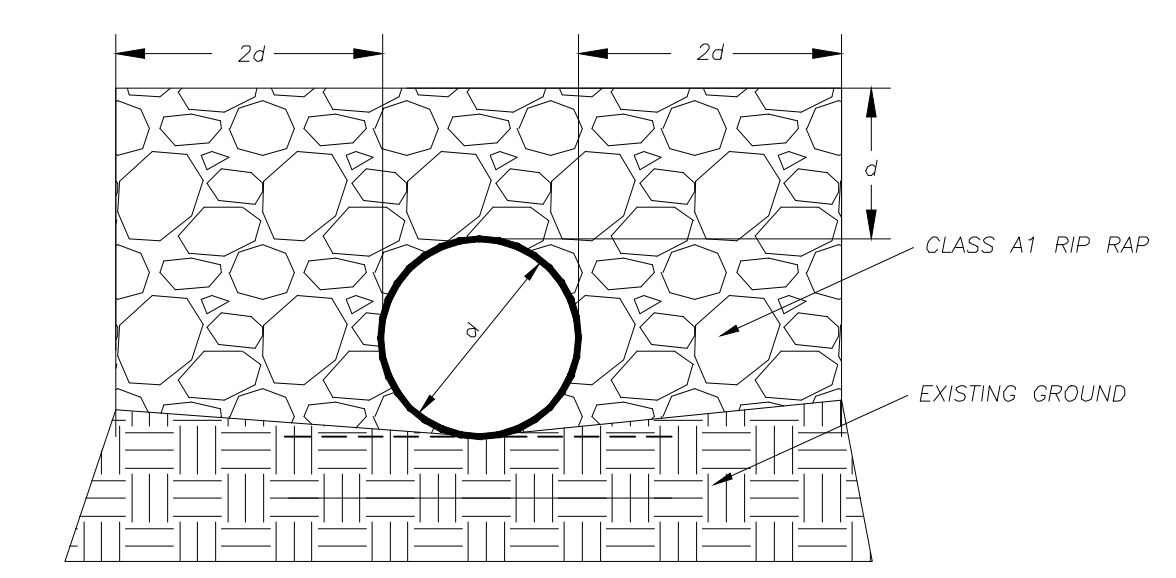


ARAP NOTES:

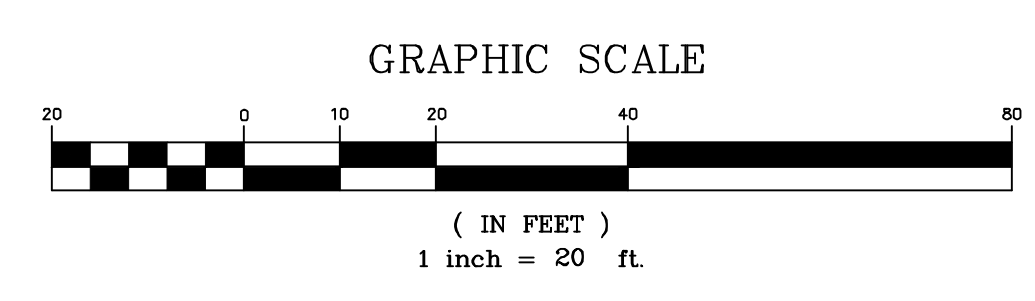
1. A HYDROLOGIC DETERMINATION WAS PERFORMED BY MASON PEALE OF L.I. SMITH AND ASSOCIATES. THE STREAMS ARE SHOWN ON THE PLANS.
 2. ALL WORK SHOULD BE PERFORMED UNDER DRY WEATHER CONDITIONS.
 3. IF WATER IS PRESENT IN STREAMS AT TIME OF CONSTRUCTION CONTRACTOR SHALL ERECT COFFER DAMS USING SAND BAGS OR SOME OTHER NON-ERODIBLE BARRICADES TO TEMPORARILY IMPOUND THE STREAMS AND PUMPED AROUND THE WORKING AREA.
 4. A 6' X 20' RIPRAP PAD WILL BE INSTALLED AT THE OUTLET END OF THE PIPE.
 5. A 6' X 10' RIPRAP PAD WILL BE INSTALLED AT THE INLET END OF THE PIPE.
 6. RIP RAP SHALL BE INSTALLED BELOW THE EXISTING FLOW LINE OF THE STREAMS. NO PART OF THE RIPRAP APRON SHOULD IMPEDE THE FLOW OF WATER.
- IMPACTED AREA AT STREAM CROSSING
UPHILL STREAM ELEVATION = 421.7
DOWNHILL STREAM ELEVATION = 420.5



DRAINAGE PIPE TRENCH DETAIL
NO SCALE

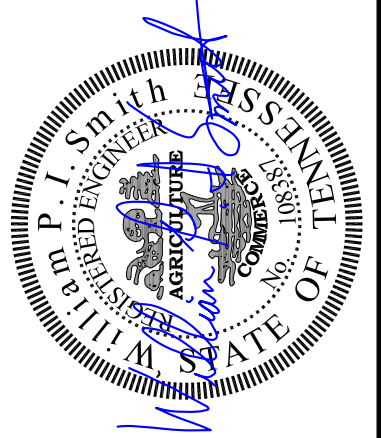


RIP RAP ARMOURING
NO SCALE



REVISIONS	
NO.	DESCRIPTION

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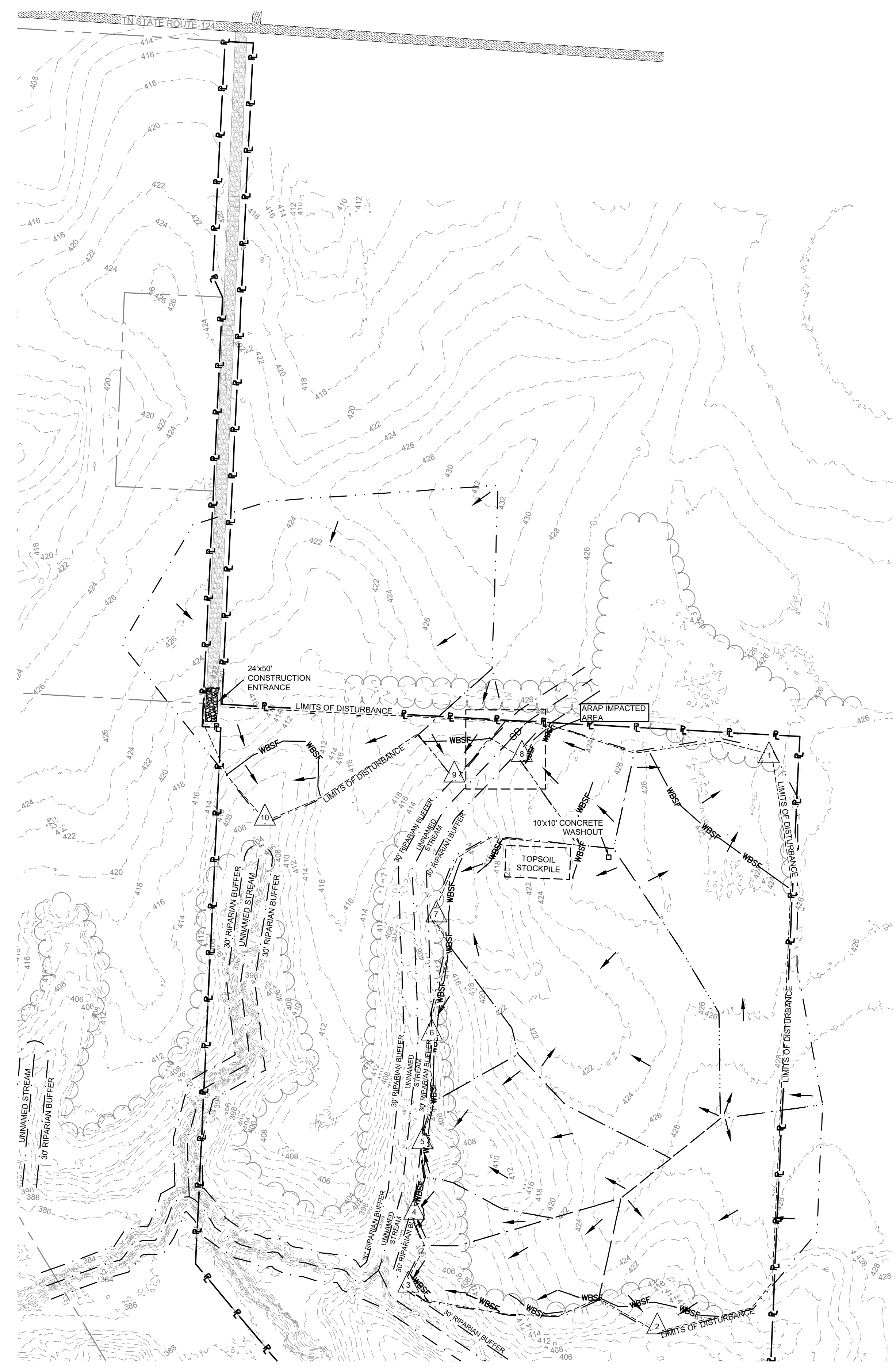
A.R.A.P. NUMBER: C-400

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SURVEYING SERVICES

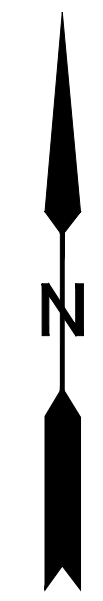
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PROJECT # 190258.23 DATE: 05/21/2021

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BEARING BASIS:
TENNESSEE STATE PLANE
COORDINATE SYSTEM - NAD 1983
VERTICAL DATUM - NAVD 1988

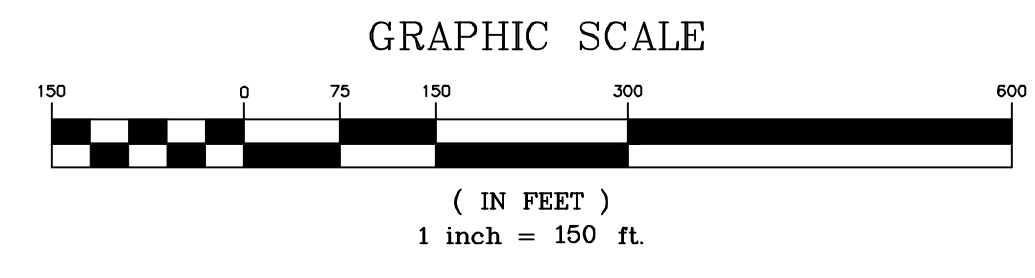


LEGEND	
	PROPERTY LINE
	TREE LINE
	LIMIT OF DISTURBANCE
	30' RIPARIAN STREAM BUFFER
	DRAINAGE AREA PERIMETER
	WIRE BACKED SILT FENCE
	SLOPE ARROW
	STRAW WADDLE
	ENHANCED ROCK CHECK DAM
	ROCK CHECK DAM
	ROCK CHECK DAM AT PIPE INLET
	UNDISTURBED AREA
	EXISTING PAVEMENT
	PROPOSED STRUCTURE
	GRAVEL PAVEMENT
	STABILIZED AREA
	OUTFALL

E.P.S.C. PHASE ONE NOTES

1. INSTALL 24x50' CONSTRUCTION ENTRANCE ON NORTH SIDE ONTO EXISTING GRAVEL ROAD TO TN STATE ROUTE-124.
2. INSTALL APPROXIMATELY 2,750 FT OF WIRE BACKED SILT FENCE AROUND THE DOWNHILL PERIMETER OF THE SITE. NO DISTURBANCE SHALL BE MADE TO THE SITE UNTIL SILT FENCE IS INSTALLED.
3. NO EARTHWORK SHALL BEGIN UNTIL SILT FENCE AND OTHER EROSION CONTROL MEASURES ARE IN PLACE.
4. INSTALL CONCRETE WASHOUT ON SITE WITH DIRECTIONAL SIGNS FOR DRIVERS.
5. AFTER ANY CONSTRUCTION ACTIVITIES HAVE CEASED FOR 14 DAYS TEMPORARILY SEED AND STRAW ALL DISTURBED AREAS.
6. THE WATER QUALITY RIPARIAN BUFFER ZONE SHOULD BE PRESERVED BETWEEN THE TOP OF STREAM BANK AND THE DISTURBED CONSTRUCTION AREA. THE 30-FOOT CRITERION FOR THE WIDTH OF THE BUFFER ZONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH BASIS AT A PROJECT, AS LONG AS THE MINIMUM WIDTH OF THE BUFFER ZONE IS MORE THAN 15 FEET AT ANY MEASURED LOCATION. IF THE CONSTRUCTION SITE ENCOMPASSES BOTH SIDES OF A STREAM, BUFFER AVERAGING CAN BE APPLIED TO BOTH SIDES, BUT MUST BE APPLIED INDEPENDENTLY.

OUTFALL #	LATITUDE (N)	LONGITUDE (W)	APPROX. ELEVATION (FEET)	PRE AREA (ACRES)	POST AREA (ACRES)	RECEIVING WATERS
OUTFALL 1	36.155807	88.744719	424	5.06	4.23	DOLAND BRANCH
OUTFALL 2	36.152418	88.745407	412	3.67	2.28	DOLAND BRANCH
OUTFALL 3	36.152627	88.747232	396	1.67	0.85	DOLAND BRANCH
OUTFALL 4	36.153059	88.747197	396	0.55	3.37	DOLAND BRANCH
OUTFALL 5	36.153475	88.747161	399	2.47	1.76	DOLAND BRANCH
OUTFALL 6	36.154130	88.747124	404	0.85	5.10	DOLAND BRANCH
OUTFALL 7	36.154805	88.747114	414	6.06	5.09	DOLAND BRANCH
OUTFALL 8	36.155771	88.746507	422	0.93	0.93	DOLAND BRANCH
OUTFALL 9	36.155626	88.746993	416	0.49	0.49	DOLAND BRANCH
OUTFALL 10	36.155371	88.748360	406	9.17	9.17	DOLAND BRANCH



REVISIONS	
NO.	DESCRIPTION



E.P.S.C. PHASE ONE NUMBER: **C-401**

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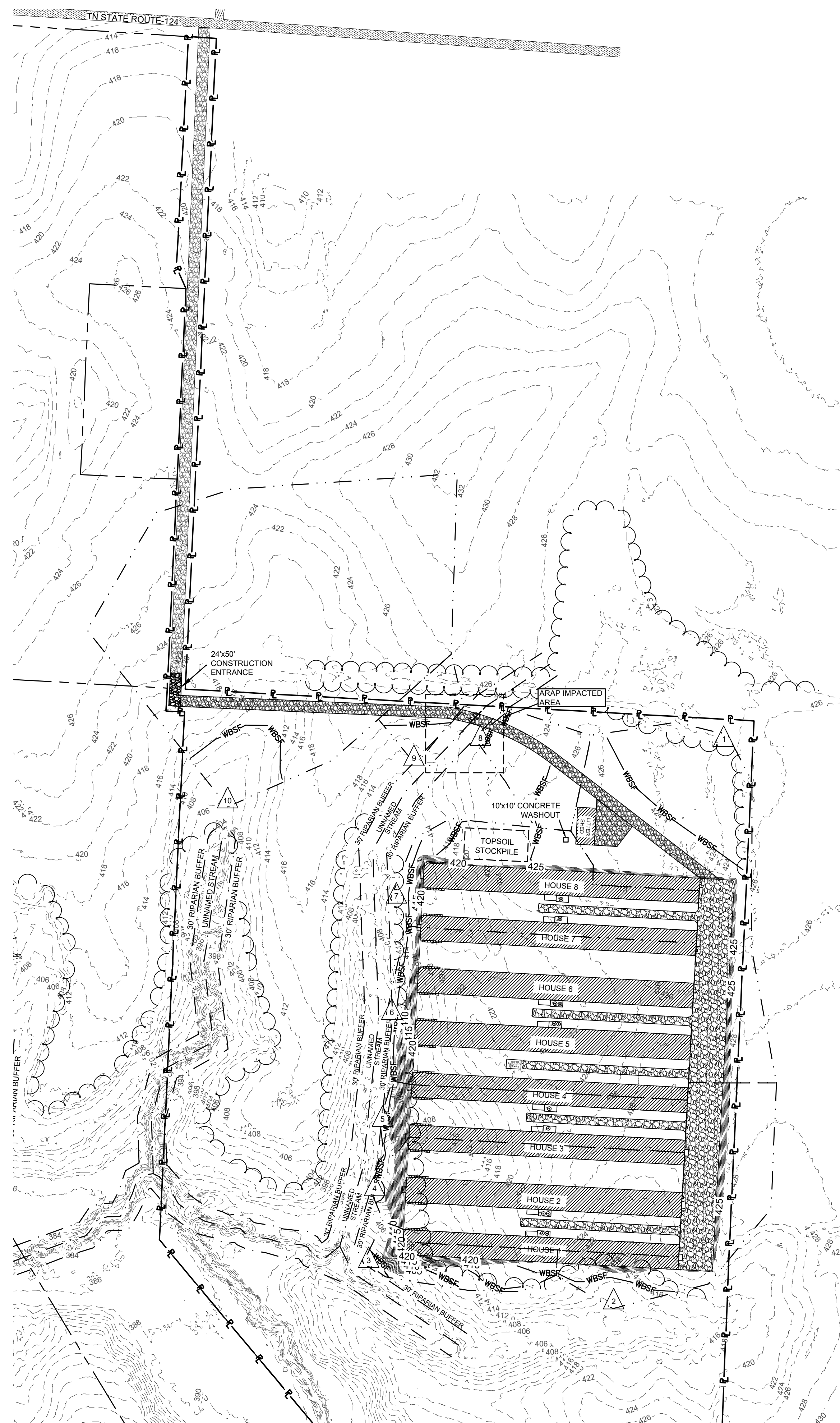
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DRAWN BY: TGT CHECKED BY: WFS SCALE: 1"=150'
PROJECT # 190258.23 DATE: 05/21/2021

NANCY DOAN
TYSON BROILER FARM
TN STATE ROUTE-124
GREENFIELD, WEAKLEY, TENNESSEE

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BEARING BASIS:
 TENNESSEE STATE PLANE
 COORDINATE SYSTEM - NAD 1983
 VERTICAL DATUM - NAVD 1988

LEGEND	
	PROPERTY LINE
	TREE LINE
	LIMIT OF DISTURBANCE
	30' RIPARIAN STREAM BUFFER
	DRAINAGE AREA PERIMETER
	WIRE BACKED SILT FENCE
	SLOPE ARROW
	STRAW WADDLE
	ENHANCED ROCK CHECK DAM
	ROCK CHECK DAM
	ROCK CHECK DAM AT PIPE INLET
	UNDISTURBED AREA
	EXISTING PAVEMENT
	PROPOSED STRUCTURE
	GRAVEL PAVEMENT
	STABILIZED AREA
	OUTFALL

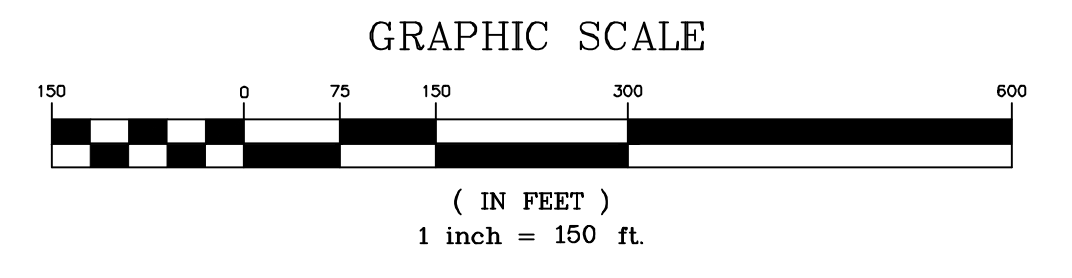
E.P.S.C. PHASE TWO NOTES

1. GRADING WILL BE STAGED TO KEEP STORM WATER RUNOFF DIVERTED SEDIMENT BASINS OR TO ENHANCED ROCK CHECK DAMS AT OUTFALLS.
2. EIGHT LEVEL PADS WILL BE ERECTED WITH ROADS AND SHALLOW SWALES BETWEEN THEM.
3. ROCK CHECK DAMS ARE TO BE INSTALLED EVERY 200 FEET IN DRAINAGE DITCHES AROUND THE SITE.
4. ONCE THE SITE IS BROUGHT UP TO GRADE STABILIZE IMPROVED AREAS WITH GRAVEL AND UNIMPROVED AREAS WITH SEED AND STRAW MULCH IN ACCORDANCE WITH TDEC STANDARDS.
5. SILT FENCE, CHECK DAMS AND OTHER BMPs TO BE CLEANED OF SEDIMENT ONCE 50% CAPACITY HAS BEEN REACHED.
6. ANY DISTURBED AREA THAT HAS NOT SEEN ANY ACTIVITY FOR 14 DAYS SHALL BE TEMPORARILY SEEDED AND STRAWED IN ACCORDANCE WITH TDEC STANDARDS.
7. THE WATER QUALITY RIPARIAN BUFFER ZONE SHOULD BE PRESERVED BETWEEN THE TOP OF STREAM BANK AND THE DISTURBED CONSTRUCTION AREA. THE 30-FOOT CRITERION FOR THE WIDTH OF THE BUFFER ZONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH BASIS AT A PROJECT, AS LONG AS THE MINIMUM WIDTH OF THE BUFFER ZONE IS MORE THAN 15 FEET AT ANY MEASURED LOCATION. IF THE CONSTRUCTION SITE ENCOMPASSES BOTH SIDES OF A STREAM, BUFFER AVERAGING CAN BE APPLIED TO BOTH SIDES, BUT MUST BE APPLIED INDEPENDENTLY.

Recommended Seeding Rates Region 1 (West TN)			
Soil Condition	Best Results	Marginal Results	Preferred Rate/Mix (lbs/ac Pure Living Seed)
Poorly Drained Soils	Feb 1 - Mar 20 Sept 1 - Sept 30	Mar 20 - Apr 30 Sept 30 - Oct 31	25 Wheat Grass (nurse crop) 15 Browntop Millet* 2 Switch Grass 4 Little Blue Stream 4 Virginia Wild Rye 4 Purpletop 2 Patridge Pea 2 Black-eye Susan
Well Drained Soils	Apr 1 - July 15		25 Wheat Grass (nurse crop) 15 Browntop Millet* 4 Little Blue Stream 4 Virginia Wild Rye 4 Purpletop 2 Patridge Pea 2 Black-eye Susan
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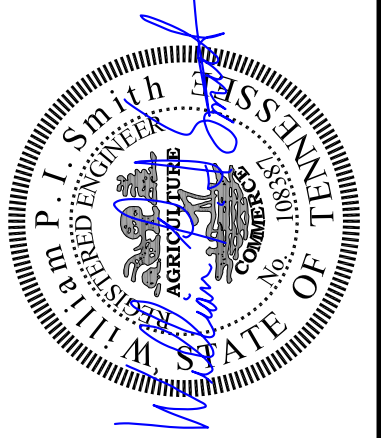
* Non-Native but do not spread.

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OUTFALL 7	36.154805	88.747114	414	6.06	5.09	DOLAND BRANCH
OUTFALL 8	36.155771	88.746507	422	0.93	0.93	DOLAND BRANCH
OUTFALL 9	36.155626	88.746993	416	0.49	0.49	DOLAND BRANCH
OUTFALL 10	36.155371	88.748360	406	9.17	9.17	DOLAND BRANCH



REVISIONS	
NO.	DESCRIPTION

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SHEET: E.P.S.C. PHASE TWO C-402

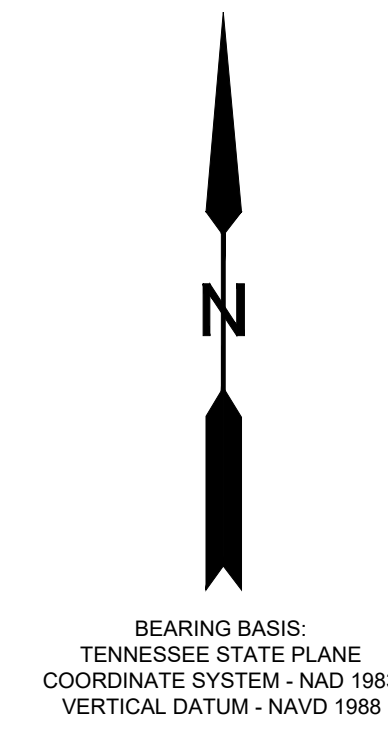
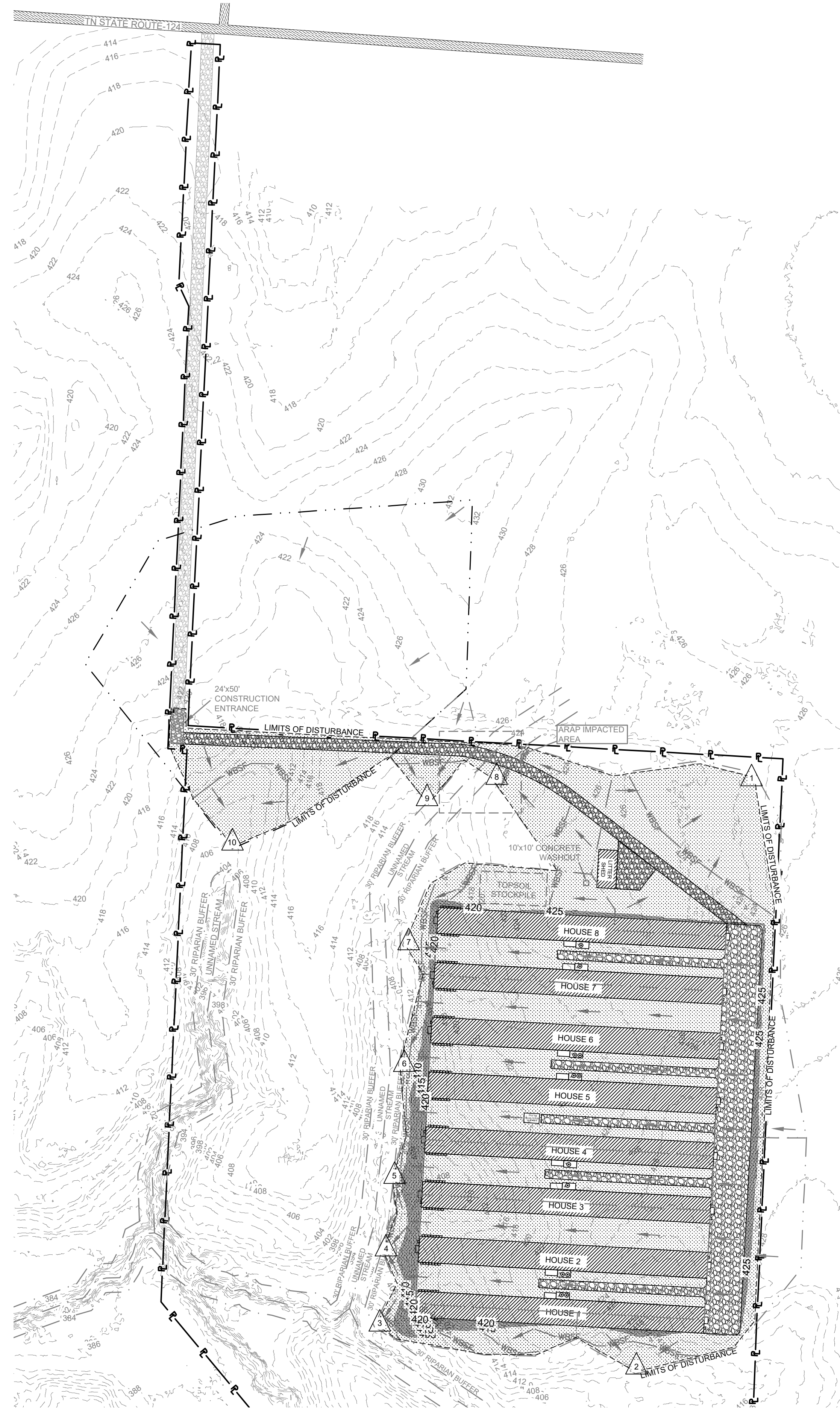
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 PROJECT # 190258.23 DATE: 05/21/2021

NANCY DOAN
TYSON BROILER FARM
 TN STATE ROUTE-124
 GREENFIELD, WEAKLEY, TENNESSEE

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TENNESSEE STATE PLANE
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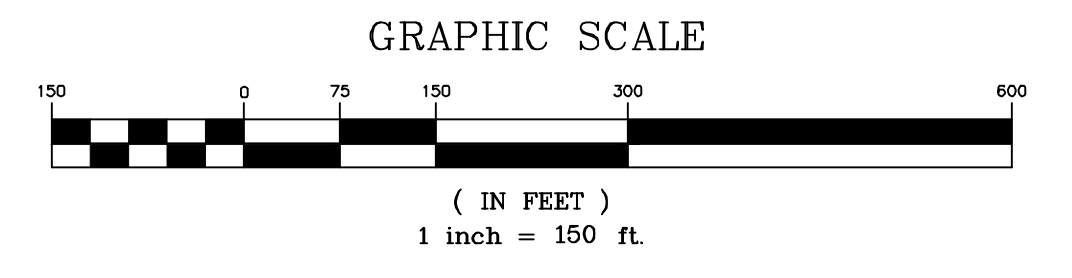
E.P.S.C. PHASE THREE NOTES

- AS SITE IS BROUGHT TO GRADE, ERECT STRUCTURES, GRAVEL IMPROVED AREAS, SPREAD TOPSOIL, SEED AND MULCH COMPLETED UNIMPROVED AREAS.
- ALL EROSION CONTROL MEASURES ARE TO REMAIN IN PLACE AND MAINTAINED UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED AND CONSTRUCTION IS COMPLETE.
- AT LEAST A 70% STAND OF GREEN GROWTH OVER 100% OF BARE AREAS SHALL BE ACHIEVED BEFORE STABILIZATION IS CONSIDERED COMPLETE.
- THE WATER QUALITY RIPARIAN BUFFER ZONE SHOULD BE PRESERVED BETWEEN THE TOP OF STREAM BANK AND THE DISTURBED CONSTRUCTION AREA. THE 30-FOOT CRITERION FOR THE WIDTH OF THE BUFFER ZONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH BASIS AT A PROJECT, AS LONG AS THE MINIMUM WIDTH OF THE BUFFER ZONE IS MORE THAN 15 FEET AT ANY MEASURED LOCATION. IF THE CONSTRUCTION SITE ENCOMPASSES BOTH SIDES OF A STREAM, BUFFER AVERAGING CAN BE APPLIED TO BOTH SIDES, BUT MUST BE APPLIED INDEPENDENTLY.

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**NANCY DOAN
TYSON BROILER FARM
TN STATE ROUTE-124
GREENFIELD, WEAKLEY, TENNESSEE**

REVISIONS	
NO.	DESCRIPTION



E.P.S.C. PHASE THREE NUMBER: **C-403**

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DRAWN BY: TGT CHECKED BY: WFS SCALE: 1"=150'
PROJECT # 190258.23 DATE: 05/21/2021

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