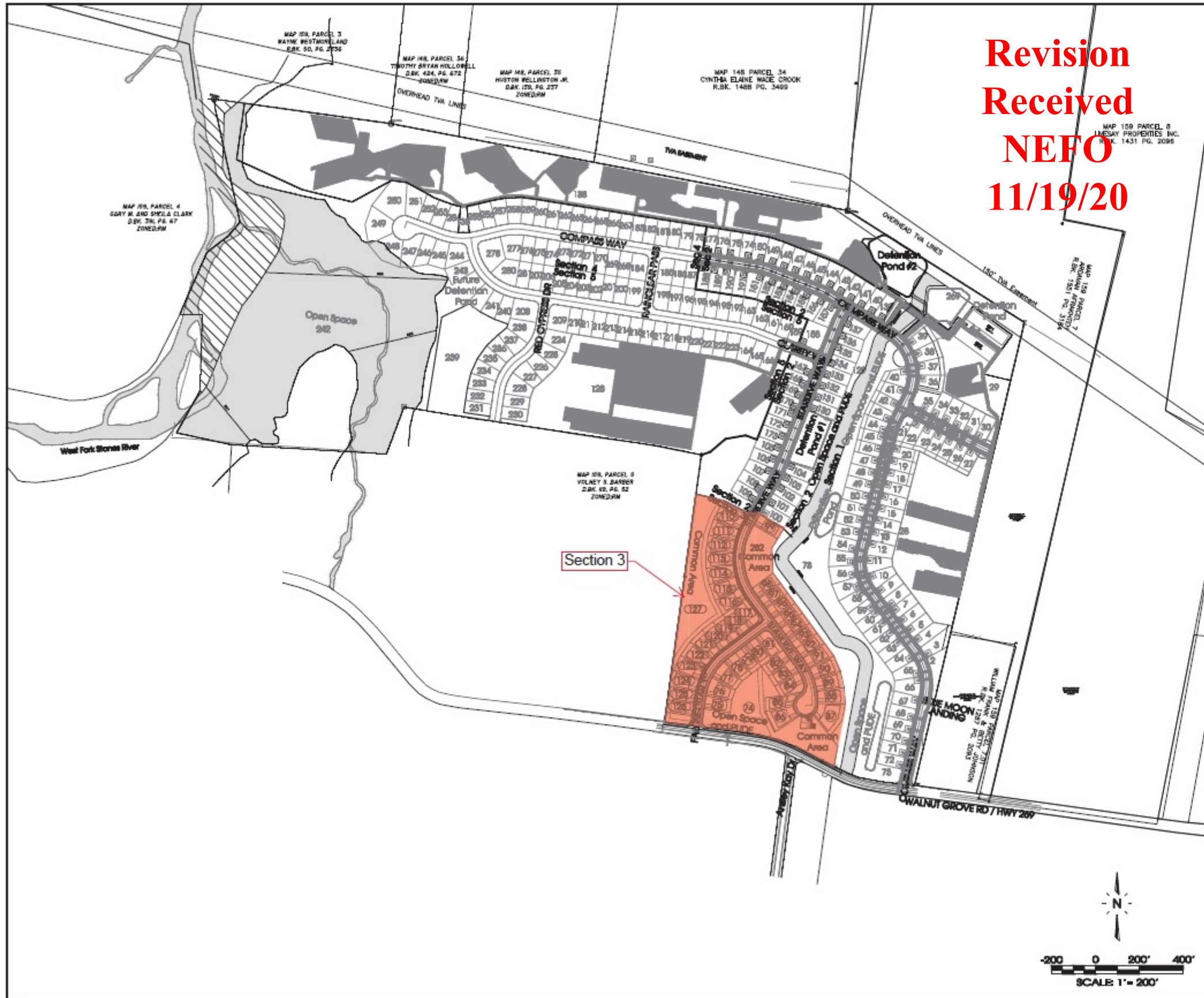
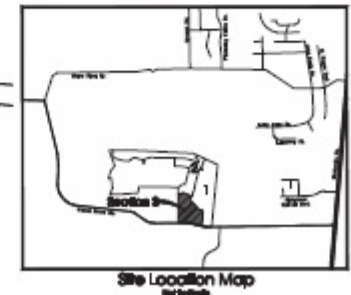


Revision
Received
NEFO
11/19/20



Legend	
	DIRT CONCRETE MOVEMENT
	DIRT PIN SET (3/4\"/>
	DIRT PIN FOUND (1/2\"/>
	DIRT SOIL POST
	DIRT, SAND CEMENT
	DIRT, SAND CEMENT (NEWER AND FASTER)
	DIRT, CATCH BASIN (STORM SEWER)
	DIRT, WASTEWATER VALVE
	DIRT, TELEPHONE HOLE
	DIRT, GAS PIERCE
	ELECTRICAL ENCLOSURE
	DIRT, WATER METER
	DIRT, UTILITY POLE
	DIRT, FIRE HYDRANT
	POST REGULATOR VALVE
	FLOW OFF VALVE
	REDUCER
	WHITE FIVE (5\"/>
	CONCRETE THROST BLOCK
	DOUBLE DETECTOR CHECK VALVE
	FIVE (5\"/>
	RUC HYDRANT
	ONE VALVE AND BOX
	WATER METER
	GAS METER
	GROUND TRIP
	EXTERIOR CEMENT
	WHOLE
	EXISTING FENCE
	EXISTING ELECTRIC
	PROPERTY LINE
	EASEMENTS
	RIGHT OF WAY
	EXISTING CONTROL EFT FENCE
	EXISTING ECL
	EXISTING TIE LINE
	EXISTING FENCE LINE
	MINIMUM BUILDING SETBACK LINE
	PHASE BOUNDARY
	EXISTING GAS LINE
	PROPOSED GAS LINE
	EXISTING STORM
	PROPOSED STORM
	EXISTING CONTOUR LINES
	PROPOSED CONTOUR LINES
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING WATER
	PROPOSED WATER

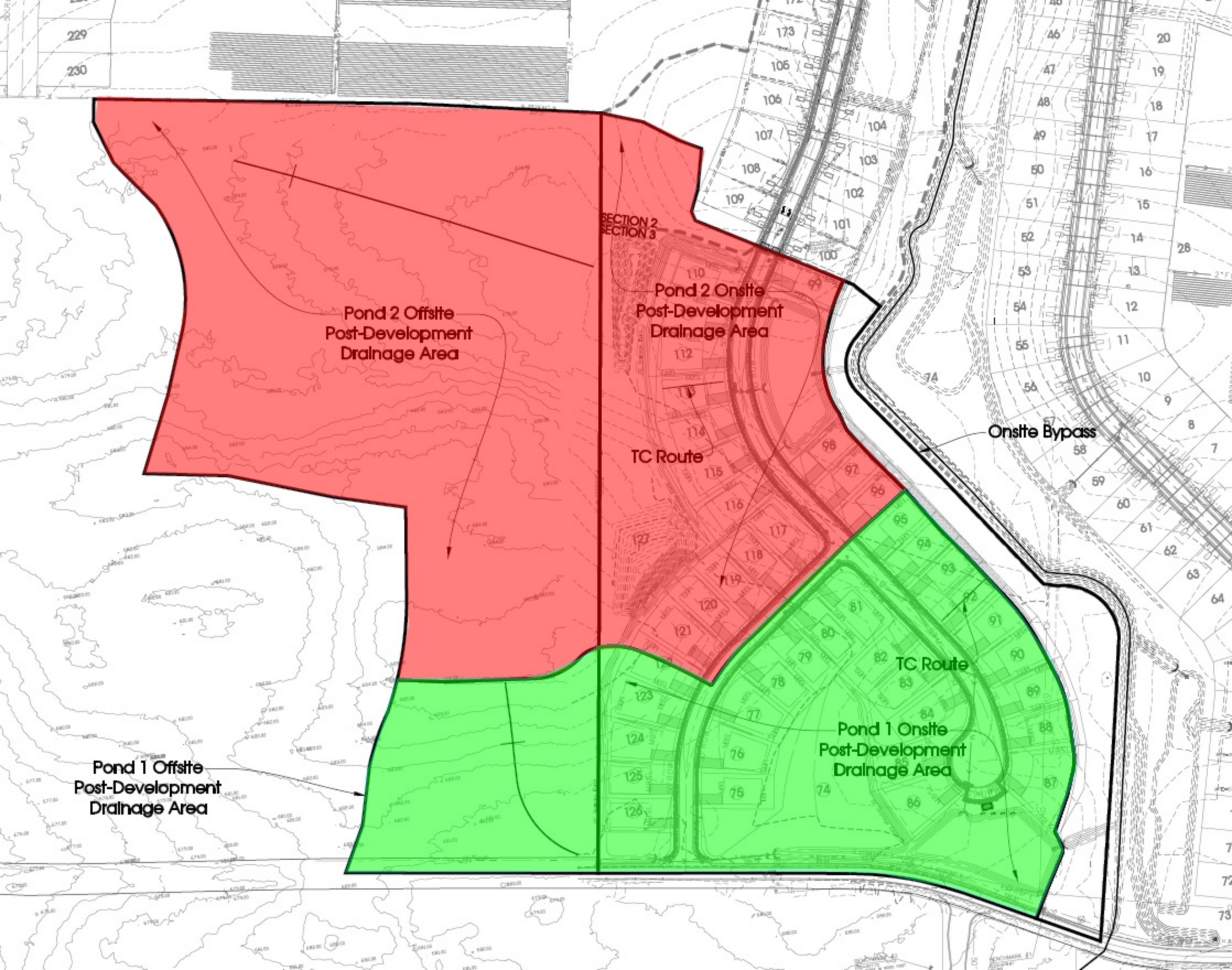


SITE ENGINEERING CONSULTANTS
ENGINEERING • SURVEYING • LAND STAKING
850 JORDAN DRIVE, SUITE 100, RUTHERFORD COUNTY, TN 37093
PHONE: (615) 888-7701 FAX: (615) 888-8807
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Clearview Acres
Section 3
Rutherford County, TN

Master Plan

DESIGNED BY: J. L. BARNER
DATE: 1-31-16
CHECKED BY: J. L. BARNER
FILE NAME: 14300proj.mxd
SCALE: 1"=200'
JOB NO.: 14300
SHEET: C0.1



Pond 2 Offsite
Post-Development
Drainage Area

Pond 2 Onsite
Post-Development
Drainage Area

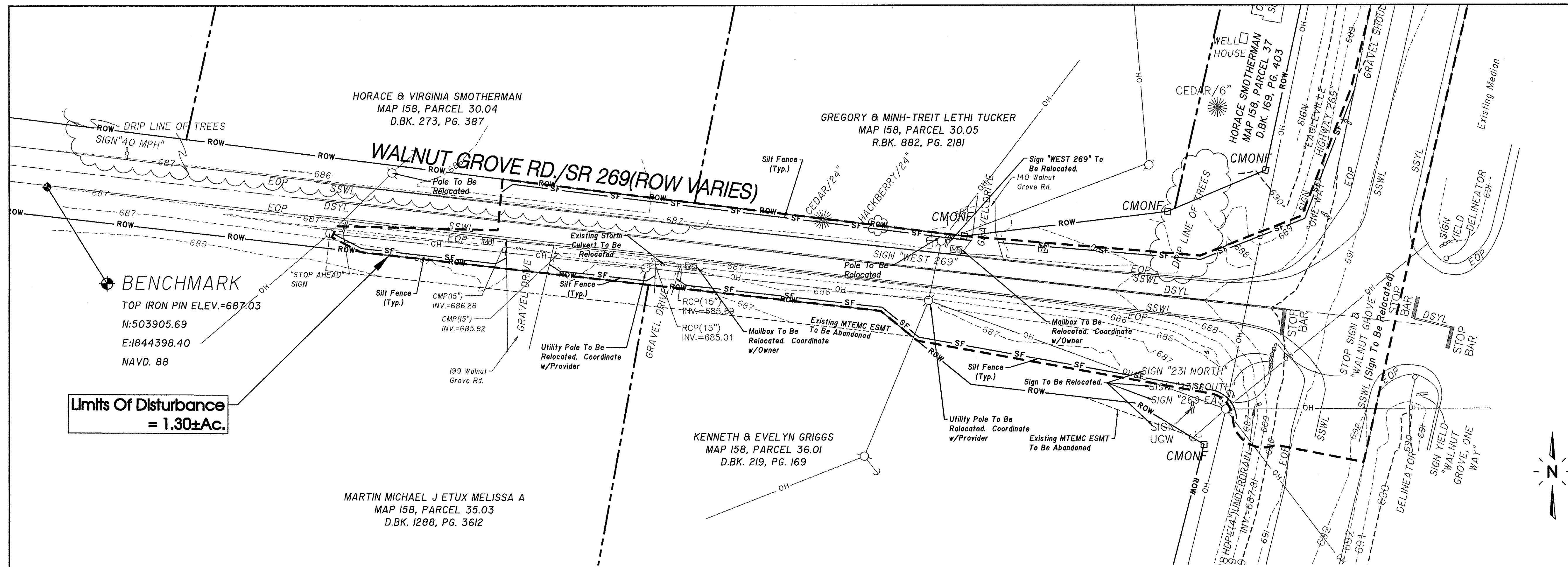
TC Route

Onsite Bypass

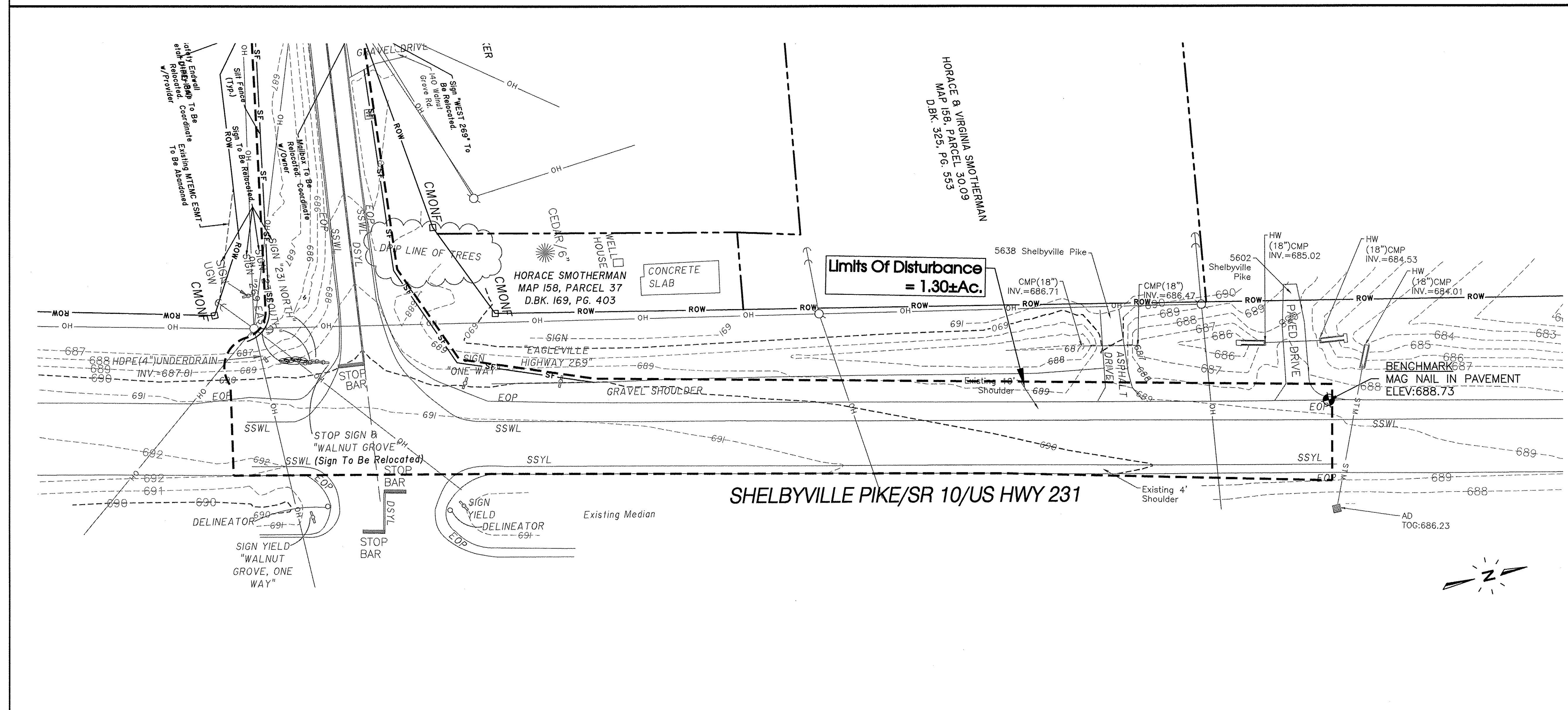
TC Route

Pond 1 Onsite
Post-Development
Drainage Area

Pond 1 Offsite
Post-Development
Drainage Area



Legend:			
	EXIST. CONCRETE MONUMENT		BENCHMARK
	IRON PIN SET (I.P.S.)		HANDICAP RAMP SYMBOL
	IRON PIN FOUND (I.P.F.)	V.A.	VAN ACCESSIBLE HANDICAP DESIGNATION
	EXIST. SIGN POST		HC SIGN
	EXIST. SEWER CLEANOUT		PROPOSED SIGN POST
	EXIST. MANHOLE (SEWER and PHONE)		CONCRETE BOLLARD
	EXIST. CATCH BASIN (STORM SEWER)		WHEEL STOP
	EXIST. WATER/GAS VALVE		CONCRETE SIDEWALK
	EXIST. TELEPHONE RISER		EXTRUDED CURB
	EXIST. GAS RISER		CURB and GUTTER
	ELECTRICAL ENCLOSURE		TRAFFIC ARROW
	EXIST. WATER METER		TURN LANE ARROWS
	EXIST. UTILITY POLE		REVISION NUMBER
	EXIST. FIRE HYDRANT		DRAINAGE STRUCTURE DESIGNATION
	POST INDICATOR VALVE		DRAINAGE PIPE DESIGNATION
	BLOW OFF VALVE		RIP RAP
	REDUCER		RUNOFF FLOW ARROW
	REMOTE FIRE DEPT. CONNECTION		INLET FILTER PROTECTION
	CONCRETE THRUST BLOCK	63.25 x	PROPOSED SPOT ELEVATION
	DOUBLE DETECTOR CHECK VALVE	(63.25) x	EXIST. SPOT ELEVATION
	FIRE DEPT. CONNECTION		SEWER/STORM FLOW DIRECTION
	FIRE HYDRANT		CATCH BASIN
	GATE VALVE and BOX		CURB INLET
	WATER METER		AREA DRAIN
	GAS METER		HEADWALL
	GREASE TRAP		WINGED HEADWALL
	EXTERIOR CLEANOUT EOC		CONCRETE SWALE



EXISTING PHONE	PH
EXISTING ELECTRIC	OH
PROPERTY LINE	
EASEMENTS	
RIGHT OF WAY	ROW
EROSION CONTROL SILT FENCE	SF
EROSION EEL	E
EXISTING TREELINE	
EXISTING FENCELINE	X
MINIMUM BUILDING SETBACK LINE	MBSL
PHASE BOUNDARY	
EXISTING GAS LINE	GAS
PROPOSED GAS LINE	GAS
EXISTING STORM	STM
PROPOSED STORM	STM
EXISTING CONTOUR LINES	60+
PROPOSED CONTOUR LINES	60+
EXISTING SANITARY SEWER	SS
PROPOSED SANITARY SEWER	SS
EXISTING WATER	W
PROPOSED WATER	W

Know what's below.
Call before you dig.

SCALE: 1" = 30'

SEC, Inc.

Legend:

- EXIST. CONCRETE MONUMENT
- IRON PIN SET (I.P.S.)
- IRON PIN FOUND (I.P.F.)
- EXIST. SIGN POST
- EXIST. SEWER CLEANOUT
- EXIST. MANHOLE (SEWER and PHONE)
- EXIST. CATCH BASIN (STORM SEWER)
- EXIST. WATER/GAS VALVE
- EXIST. TELEPHONE RISER
- EXIST. GAS RISER
- ELECTRICAL ENCLOSURE
- EXIST. WATER METER
- EXIST. UTILITY POLE
- EXIST. FIRE HYDRANT
- POST INDICATOR VALVE
- BLOW OFF VALVE
- REDUCER
- REMOTE FIRE DEPT. CONNECTION
- CONCRETE THRUST BLOCK
- DOUBLE DETECTOR CHECK VALVE
- FIRE DEPT. CONNECTION
- FIRE HYDRANT
- GATE VALVE and BOX
- WATER METER
- GAS METER
- GREASE TRAP
- EXTERIOR CLEANOUT EOC
- MANHOLE

Legend:

- BENCHMARK
- HANDICAP RAMP SYMBOL
- VAN ACCESSIBLE HANDICAP DESIGNATION
- HC SIGN
- PROPOSED SIGN POST
- CONCRETE BOLLARD
- WHEEL STOP
- CONCRETE SIDEWALK
- EXTRUDED CURB
- CURB and GUTTER
- TRAFFIC ARROW
- TURN LANE ARROWS
- REVISION NUMBER
- DRAINAGE STRUCTURE DESIGNATION
- DRAINAGE PIPE DESIGNATION
- RIP RAP
- RUNOFF FLOW ARROW
- INLET FILTER PROTECTION
- PROPOSED SPOT ELEVATION
- EXIST. SPOT ELEVATION
- SEWER/STORM FLOW DIRECTION
- CATCH BASIN
- CURB INLET
- AREA DRAIN
- HEADWALL
- WINGED HEADWALL
- CONCRETE SWALE
- TYPE-X HEADWALL

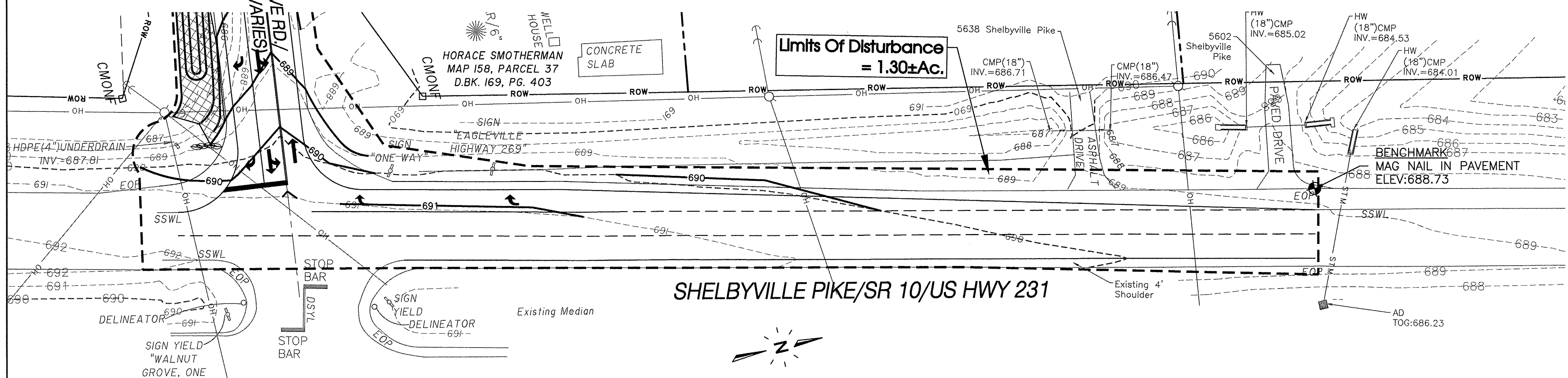
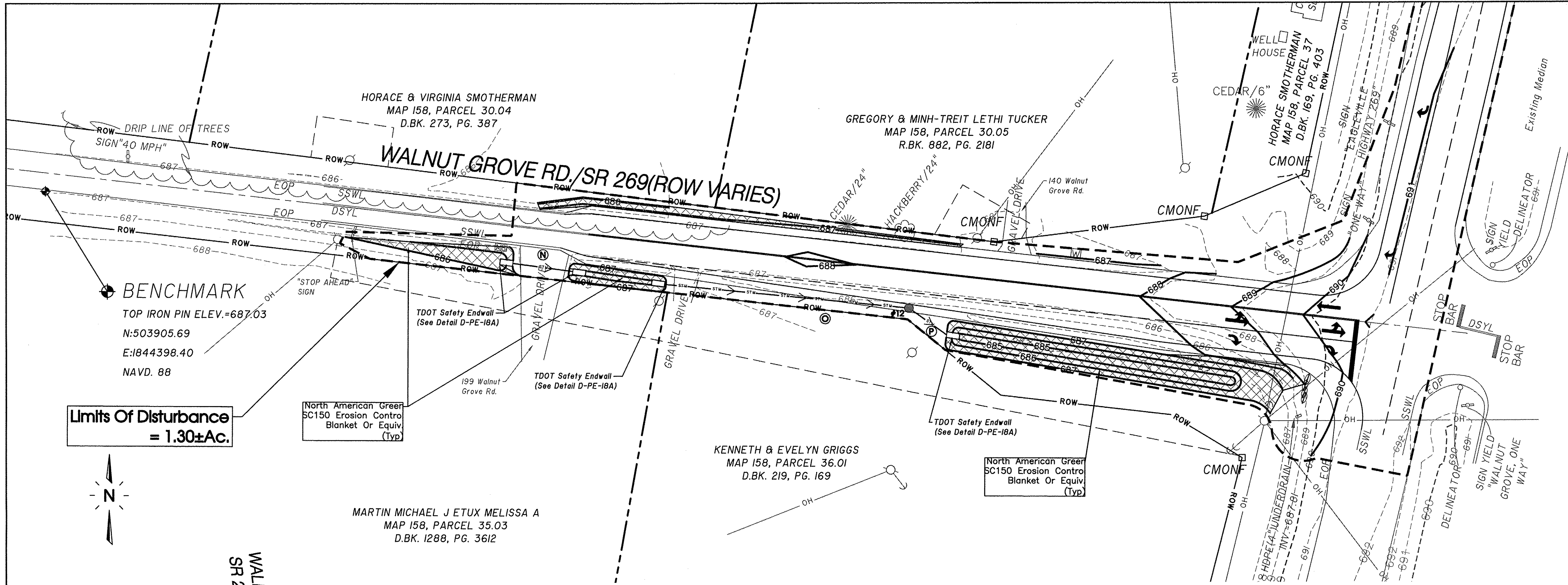
Clearview Acres

Section 3

Rutherford County, TN

Walnut Grove Rd. & Shelbyville Pike Existing Conditions

C1.2



Pipe Table

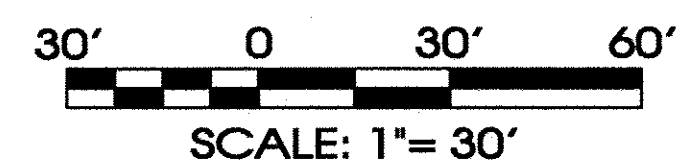
PIPE	INV. IN (FT)	INV. OUT (FT)	LENGTH (FT)	SLOPE (%)	MATERIAL	SIZE (IN)
N	685.30	685.20	32	0.30	RCEP	14 X 23
O	685.00	684.62	127	0.30	RCEP	14 X 23
P	684.62	684.55	24	0.30	RCEP	14 X 23

Structure Table

STR#	T.O.C	INV. IN (FT)	INV. OUT (FT)	CASTING	TYPE
12	687.20	684.62	684.62	JBS 1111	Junction Box

Legend:			
	EXIST. CONCRETE MONUMENT		BENCHMARK
	IRON PIN SET (I.P.S.)		HANDICAP RAMP SYMBOL
	IRON PIN FOUND (I.P.F.)	V.A.	VAN ACCESSIBLE HANDICAP DESIGNATION
	EXIST. SIGN POST		HC SIGN
	EXIST. SEWER CLEANOUT		PROPOSED SIGN POST
	EXIST. MANHOLE (SEWER and PHONE)		CONCRETE BOLLARD
	EXIST. CATCH BASIN (STORM SEWER)		WHEEL STOP
	EXIST. WATER/GAS VALVE		CONCRETE SIDEWALK
	EXIST. TELEPHONE RISER		EXTRUDED CURB
	EXIST. GAS RISER		CURB and GUTTER
	ELECTRICAL ENCLOSURE		TRAFFIC ARROW
	EXIST. WATER METER		TURN LANE ARROWS
	EXIST. UTILITY POLE		REVISION NUMBER
	EXIST. FIRE HYDRANT	#1	DRAINAGE STRUCTURE DESIGNATION
	POST INDICATOR VALVE		DRAINAGE PIPE DESIGNATION
	BLOW OFF VALVE		RIP RAP
	REDUCER		RUNOFF FLOW ARROW
	REMOTE FIRE DEPT. CONNECTION		INLET FILTER PROTECTION
	CONCRETE THRUST BLOCK	63.25 x	PROPOSED SPOT ELEVATION
	DOUBLE DETECTOR CHECK VALVE	(63.25) x	EXIST. SPOT ELEVATION
	FIRE DEPT. CONNECTION		SEWER/STORM FLOW DIRECTION
	FIRE HYDRANT		CATCH BASIN
	GATE VALVE and BOX		CURB INLET
	WATER METER		AREA DRAIN
	GAS METER		HEADWALL
	GREASE TRAP		WINGED HEADWALL
	EXTERIOR CLEANOUT ECO		CONCRETE SWALE
	MANHOLE		TYPE- X- HEADWALL

EXISTING PHONE	PH
EXISTING ELECTRIC	OH
PROPERTY LINE	
EASEMENTS	
RIGHT OF WAY	ROW
EROSION CONTROL SILT FENCE	SF
EROSION EEL	E
EXISTING TREELINE	
EXISTING FENCELINE	X
MINIMUM BUILDING SETBACK LINE	MBSL
PHASE BOUNDARY	
EXISTING GAS LINE	GAS
PROPOSED GAS LINE	GAS
EXISTING STORM	STM
PROPOSED STORM	STM
EXISTING CONTOUR LINES	60+
PROPOSED CONTOUR LINES	60+
EXISTING SANITARY SEWER	SS
PROPOSED SANITARY SEWER	SS
EXISTING WATER	W
PROPOSED WATER	W



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Clearview Acres
Section 3
Rutherford County, TN

Walnut Grove Rd. & Shelbyville Pike Grading Plan

REVISED: 09-18-2020: Enp. Comments

DRAWN: JLM	DATE: 3-31-20
CHECKED: RH	FILE NAME: 14300ProjectP3
SCALE: 1"= 30'	JOB NO. 14300
SHEET: C1.5	

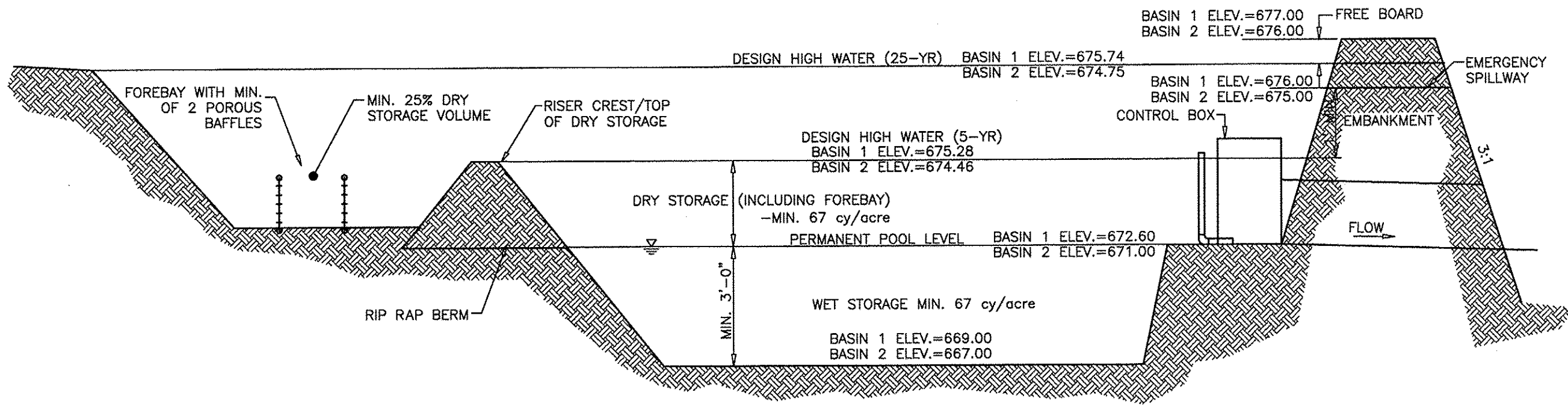
Storm Water Pollution Prevention Notes:

- Before starting demolition or construction operations, refer to the Initial EPSC, Intermediate EPSC and SWPPP Plan sheets.
- The site contractor is responsible for establishing and maintaining suitable erosion and sediment control devices on-site during construction as required to prevent silt from leaving site. Silt will not be allowed beyond construction limits.
 - The contractor is responsible for removing silt from site if not reusable on-site and ensuring plan alignment and grade in all ditches at completion of construction.
 - Erosion control measures shall be provided for all cut and fill operations within the limits of the construction site, throughout the construction period to provide the site with maximum protection from erosion at all times.
 - Erosion control measures are to be installed prior to any grading on-site and are to be maintained in place until stabilization of erodible soils has been accomplished.
 - The Storm Water Pollution Prevention Plan (SWPPP) is an integral part of the Erosion Prevention and Sediment Control (EPSC) Plan and should be followed during all phases of construction (bidding, site work, final stabilization).
 - Any graded or disturbed areas shall have 4 inches of topsoil, seed, mulch, fertilizer and water applied until a healthy stand of grass is obtained unless otherwise noted on plans. The restoration shall closely follow construction.
 - The construction drawings shall be made available on site at all times and presented upon request. If unforeseen stormwater pollution prevention is encountered, additional Storm Water Pollution Prevention (SWPPP) measures may be requested by the owner, city engineer, project engineer, or soil conservation service representative at anytime. Such requests shall be implemented immediately at contractor's expense.
 - All Storm Water Pollution Prevention items shall be installed as shown or noted in these plans.
 - Apply temporary seeding and mulching in all areas that shall be inactive for 15 days or more. All disturbed and eroded earth shall be regraded and seeded within 7 days, as defined above and as shown on the table below to establish stability and provided sediment control.
 - Permanent vegetation shall be installed within 7 days of the completion of any graded area, weather permitting.
 - At such time rough grading or the site is complete and drainage diverts to inlets, inlet sediment filters shall be installed at all inlet structures to keep piping systems free of silt.
 - Silt barriers shall be installed around all existing or new storm inlets, catch basins, yard drains. Install rock check dams for headwall inlets for storm water pollution prevention.
 - Storm water pollution prevention measures shall be installed around all dirt or topsoil stockpiles and other temporarily disturbed areas.
 - Contractor shall inspect all SWPPP measures daily and repair as necessary to prevent erosion. Siltation shall be removed from areas where failures have occurred and corrective action taken within 24 hours to maintain all SWPPP items.

- Silt barriers, construction entrances, and silt fences shall remain in place until a good stand of grass has been obtained and/or paving operations are complete. Contractor shall keep silt from entering any storm drainage system. Once site has been completely stabilized, silt in pipes and drainage swales shall be removed within 10 days.
- Temporary sedimentation and stormwater pollution prevention measures must be inspected and logged by the contractor for inspection, inspections and logging shall be weekly and after rain storms.
- Utility companies must comply with all stormwater pollution prevention measures as defined on the storm water pollution prevention plans, details and notes.
- The total area of disturbance for the project is 15.36 Acres.
- All stormwater pollution prevention practices shall be installed before any other earth moving occurs.
- The contractors shall use temporary sediment filter bags as necessary to control sediment runoff.
- The following stormwater pollution prevention and sediment control measures will be used on this site:
 - A) Sediment control barrier
 - B) Filter fabric inlet protection
 - C) Construction entrance
 - D) Concrete washout facility
 - E) Check dams
 - F) Temporary seeding
 - G) Erosion control blanket
 - H) Permanent seeding or sodding

22. Sediment shall be removed from sediment controls as necessary but at least when the design capacity of the control has been reduced by 50%.
- Construction Sequence:**
- Stake and/or flag limits of clearing.
 - During preconstruction meeting all erosion and sediment control facilities and procedures shall be discussed.
 - Clear and grub, as necessary, for installation of perimeter controls.
 - Install perimeter sediment controls as shown on plans.
 - Install construction entrance and concrete washout facility, if conditions are such that mud is collecting on vehicle tires, the tires must be cleaned before the vehicles enter the public roadway. The site entrance shall be maintained in a condition that will prevent the tracking or flow of mud onto the public right-of-way. All materials spilled, dropped, washed or tracked from vehicles onto the roadway must be removed promptly.
 - Clear and grub the remaining site as necessary.
 - Refer to construction SWPPP plan sheet.

Seeding Dates	Seed Type	Application Rate Per 1,000 Sq.Ft.
March 1 - August 15	Ornamental Rye Grass Or Tall Fescue	3#
August 16 - November 1	Rye, Wheat, or Ornamental Rye Grass Tall Fescue	1#
After November 1	Straw or Hay Mulch	2-3 Bales 100#
Seed Bed Preparation	10-10-10 or 12-12-12 Fertilizer	12-15#



SEDIMENT/DETENTION POND
SCALE NONE

SEDIMENT BASIN CALCULATIONS	
WET STORAGE	67 yd ³ /AC Drainage x 11.00 Acres = 737cy = 0.46 AC-FT Required, 0.47 AC-FT Provided
DRY STORAGE	67 yd ³ /AC Drainage x 11.00 Acres = 737cy = 0.46 AC-FT Required, 1.77 AC-FT Provided

SEDIMENT BASIN CALCULATIONS	
WET STORAGE	67 yd ³ /AC Drainage x 19.70 Acres = 1320cy = 0.82 AC-FT Required, 0.99 AC-FT Provided
DRY STORAGE	67 yd ³ /AC Drainage x 19.70 Acres = 1320cy = 0.82 AC-FT Required, 1.97 AC-FT Provided

PROPOSED BMP'S

BMP	TYPE
SILT FENCE	TEMPORARY, SEDIMENT CONTROL
CONSTRUCTION ENTRANCE	TEMPORARY, SEDIMENT CONTROL
VEGETATION	PERMANENT, EROSION PREVENTION
INLET PROTECTION	TEMPORARY, SEDIMENT CONTROL
DETENTION POND	PERMANENT, WATER QUALITY
TREE PROTECTION	TEMPORARY, PROTECTION
EROSION EEL	TEMPORARY, SEDIMENT CONTROL

EXISTING ON-SITE CONDITIONS

COVER	SCS CLASSIFICATION	AREA (Ac)
ROW CROPS	ROW CROPS: GOOD CONDITION B-SOILS, CN=78	1.60
ROW CROPS	ROW CROPS: GOOD CONDITION C-SOILS, CN=85	14.13
ROW CROPS	ROW CROPS: GOOD CONDITION D-SOILS, CN=89	0.02
		COMPOSITE CN=84

PROPOSED ON-SITE CONDITIONS

COVER	SCS CLASSIFICATION	AREA (Ac)
RESIDENTIAL 1/4 ACRE LOTS	RESIDENTIAL 30% IMPERVIOUS B-SOILS, CN=85	1.60
RESIDENTIAL 1/4 ACRE LOTS	RESIDENTIAL 30% IMPERVIOUS C-SOILS, CN=90	14.13
RESIDENTIAL 1/4 ACRE LOTS	RESIDENTIAL 30% IMPERVIOUS D-SOILS, CN=92	0.02
		COMPOSITE CN=90

Survey Control
Field Survey performed from: 09-6 to 09-27, 2016.
Horizontal and vertical survey control is tied to the Tennessee State Plane coordinate system (NAD83/NAVD88), referenced from Rutherford County Control monument number RCC-020.

BENCHMARK #1: CHISELED X ON HW ELEV: 672.23 NAVD88
BENCHMARK #2: TPS ELEV: 678.68 NAVD88
BENCHMARK #3: TPS ELEV: 678.10 NAVD88

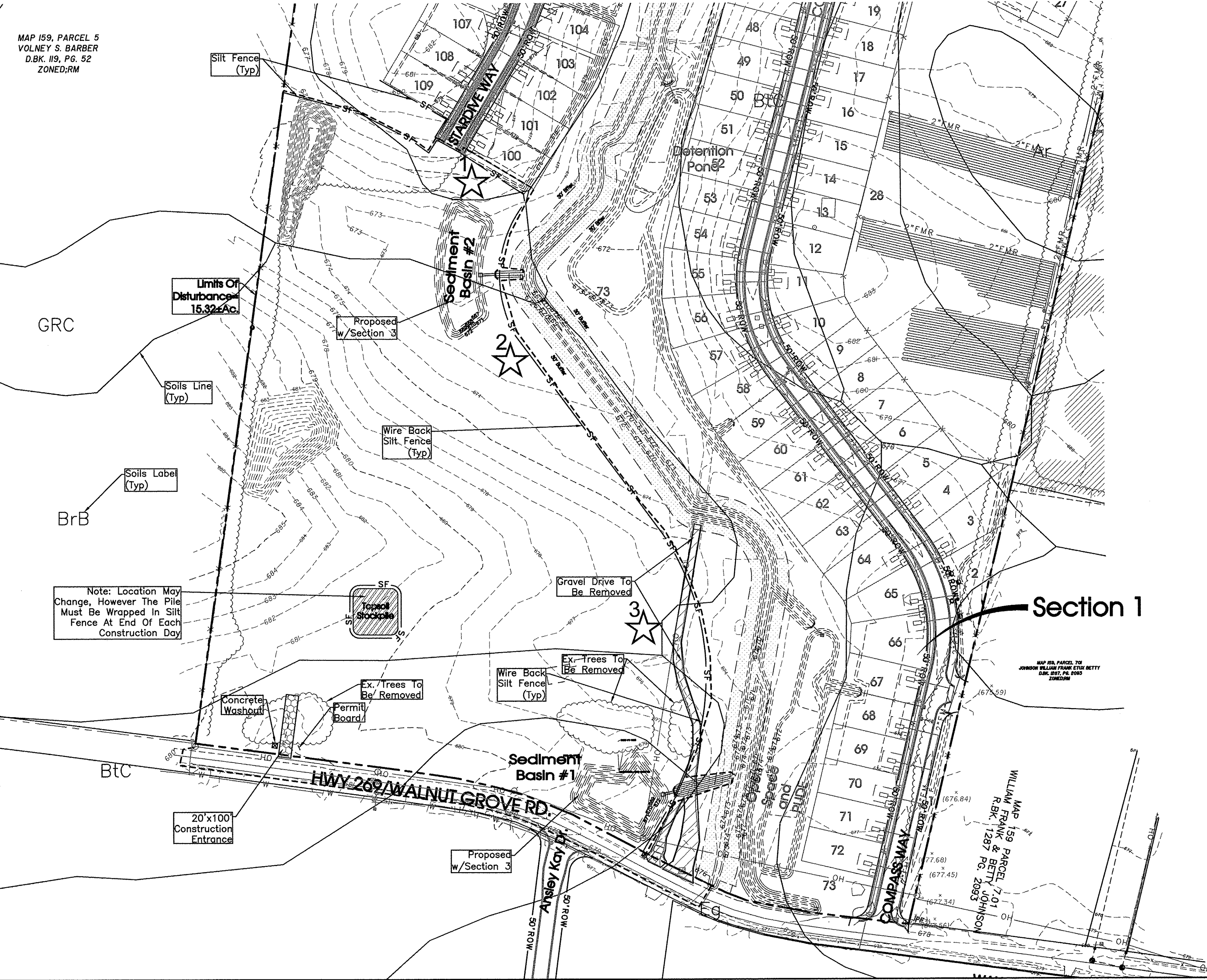
OUTFALLS

NUMBER	DESCRIPTION	DRAINAGE AREA		RECEIVING FEATURE
		DISTURBED (PASS THRU)	TOTAL	
1	TEMP. CONSTRUCTION EXIT	0.10 Ac.	0.00 Ac.	0.10 Ac. WEST FORK STONES RIVER UPPER
2	EROSION EEL NORTHEAST OF THE SITE	22.00 Ac.	0.00 Ac.	22.00 Ac. WEST FORK STONES RIVER UPPER
3	EROSION EEL SOUTHEAST OF THE SITE	10.60 Ac.	0.00 Ac.	10.60 Ac. WEST FORK STONES RIVER UPPER

EPSC Phasing
Initial: Silt Fence Along Downgradient, Perimeter Construction Entrance Check Dams In Existing Ditches, Filter Fabric Inlet Protection
Intermediate: Temporary Seeding, Filter Fabric Inlet Protection, Check Dams In Proposed Ditches, Silt Fence To Protect Ditches, Erosion Control Blanket Installation At Prescribed Locations
Final: Seeding And Stabilization Of All Disturbed Areas



----- LIMITS OF DISTURBANCE



Legend:			
<input type="checkbox"/>	EXIST. CONCRETE MONUMENT		BENCHMARK
<input checked="" type="checkbox"/>	IRON PIN SET (I.P.S.)		HANDICAP RAMP SYMBOL
<input type="checkbox"/>	IRON PIN FOUND (I.P.F.)	V.A.	VAN ACCESSIBLE HANDICAP DESIGNATION
	EXIST. SIGN POST		HC SIGN
<input type="checkbox"/>	EXIST. SEWER CLEANOUT		PROPOSED SIGN POST
<input type="checkbox"/>	EXIST. MANHOLE (SEWER AND PHONE)		CONCRETE BOLLARD
	EXIST. CATCH BASIN (STORM SEWER)		WHEEL STOP
	EXIST. WATER/GAS VALVE		CONCRETE SIDEWALK
	EXIST. TELEPHONE RISER		EXTRUDED CURB
	EXIST. GAS RISER		CURB AND GUTTER
	ELECTRICAL ENCLOSURE		TRAFFIC ARROW
	EXIST. WATER METER		TURN LANE ARROWS
<input type="checkbox"/>	EXIST. UTILITY POLE		REVISION NUMBER
	EXIST. FIRE HYDRANT		DRAINAGE STRUCTURE DESIGNATION
	POST INDICATOR VALVE		DRAINAGE PIPE DESIGNATION
	BLOW OFF VALVE		RIP RAP
	REDUCER		RUNOFF FLOW ARROW
	REMOTE FIRE DEPT. CONNECTION		INLET FILTER PROTECTION
	CONCRETE THRUST BLOCK	63.25	PROPOSED SPOT ELEVATION
	DOUBLE DETECTOR CHECK VALVE	(63.25)	EXIST. SPOT ELEVATION
	FIRE DEPT. CONNECTION		SEWER/STORM FLOW DIRECTION
	FIRE HYDRANT		CATCH BASIN
	GATE VALVE and BOX		CURB INLET
	WATER METER		AREA DRAIN
	GAS METER		HEADWALL
	GREASE TRAP		WINGED HEADWALL
<input type="checkbox"/>	EXTERIOR CLEANOUT ECO		CONCRETE SWALE
<input type="checkbox"/>	MANHOLE		TYPE- X- HEADWALL
EXISTING PHONE _____ PH _____			
EXISTING ELECTRIC _____ OH _____			
PROPERTY LINE _____			
EASEMENTS _____			
RIGHT OF WAY _____ ROW _____			
EROSION CONTROL SILT FENCE _____ SF _____ SF _____			
EROSION EEL _____ E _____ E _____			
EXISTING TREELINE _____			
EXISTING FENCELINE _____ X _____ X _____			
MINIMUM BUILDING SETBACK LINE _____ MBSL _____			
PHASE BOUNDARY _____			
EXISTING GAS LINE _____ GAS _____			
PROPOSED GAS LINE _____ GAS _____			
EXISTING STORM _____ STM _____			
PROPOSED STORM _____ STM _____			
EXISTING CONTOUR LINES _____ 60' _____			
PROPOSED CONTOUR LINES _____ 60' _____			
EXISTING SANITARY SEWER _____ SS _____ SS _____			
PROPOSED SANITARY SEWER _____ SS _____ SS _____			
EXISTING WATER _____ W _____ W _____			
PROPOSED WATER _____ W _____ W _____			

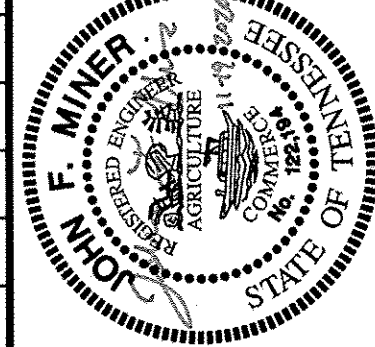


Know what's below.
Call before you dig.



100' 0 100' 200'
SCALE: 1"= 100'

SEC, Inc.
SITE ENGINEERING CONSULTANTS
ENGINEERING • SURVEYING • LAND PLANNING
850 MIDDLE TENNESSEE BOULEVARD
MURFREESBORO, TENNESSEE 37129
PHONE: (615) 890-7901 E-MAIL: MTAYLOR@SEC-CIVIL.COM FAX: (615) 895-2567
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Cleanview Acres
Section 3

Rutherford County, TN

REVISION: 09-16-2020: Eng. Comments

DRAWN: JLM
DATE: 3-31-20
CHECKED: RH
FILE NAME: 14300ProjectP3
SCALE: 1"= 100'
JOB NO. 14300
SHEET:

C2.0

Existing Condition and
Initial EPSC Plan

Storm Water Pollution Prevention Notes:

- Before starting demolition or construction operations, refer to the Initial EPSC, Intermediate EPSC and SWPPP Plan sheets.
1. The site contractor is responsible for establishing and maintaining suitable erosion and sediment control devices on-site during construction as required to prevent silt from leaving site. Silt will not be allowed beyond construction limits.
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 9. Apply temporary seeding and mulching in all areas that shall be inactive for 15 days or more. All disturbed and eroded earth shall be regraded and seeded within 7 days, as defined above and as shown on the table below to establish stability and provided sediment control.

10. Permanent vegetation shall be installed within 7 days of the completion of any graded area, weather permitting.
11. At such time rough grading or the site is complete and drainage diverts to inlets, inlet sediment filters shall be installed at all inlet structures to keep piping systems free of silt.
12. Silt barriers shall be installed around all existing or new storm inlets, catch basins, yard drains. Install rock check dams for headwall inlets for storm water pollution prevention.
13. Storm water pollution prevention measures shall be installed around all dirt or topsoil stockpiles and other temporarily disturbed areas.
14. Contractor shall inspect all SWPPP measures daily and repair as necessary to prevent erosion. Siltation shall be removed from areas where failures have occurred and corrective action taken within 24 hours to maintain all SWPPP items.
15. Silt barriers, construction entrances, and silt fences shall remain in place until a good stand of grass has been obtained and/or paving operations are complete. Contractor shall keep silt from entering any storm drainage system. Once site has been completely stabilized, silt in pipes and drainage outlets shall be removed within 10 days.
16. Temporary sedimentation and stormwater pollution prevention measures must be inspected and logged by the contractor for inspection, inspections and logging shall be weekly and after rain storms.
17. Utility companies must comply with all stormwater pollution prevention measures as defined on the storm water pollution prevention plans, details and notes.
18. The total area of disturbance for the project is 15.36 Acres.
19. All stormwater pollution prevention practices shall be installed before any other earth moving occurs.
20. The contractors shall use temporary sediment filter bags as necessary to control sediment runoff.
21. The following stormwater pollution prevention and sediment control measures will be used on this site:
A) Sediment control barrier
B) Filter fabric inlet protection
C) Construction entrance
D) Concrete washout facility
E) Check dams
F) Temporary seeding
G) Erosion control blanket
H) Permanent seeding or sodding
22. Sediment shall be removed from sediment controls as necessary but at least when the design capacity of the control has been reduced by 50%.

Construction Sequence:

1. Stake and/or flag limits of clearing.
2. During preconstruction meeting all erosion and sediment control facilities and procedures shall be discussed.
3. Clear and grub, as necessary, for installation of perimeter controls.
4. Install perimeter sediment controls as shown on plans.
5. Install construction entrance and concrete washout facility, if conditions are such that mud is collecting on vehicle tires, the tires must be cleaned before the vehicles enter the public roadway. The site entrance shall be maintained in a condition that will prevent the tracking or flow of mud onto the public right-of-way. All materials spilled, dropped, washed or tracked from vehicles onto the roadway must be removed promptly.
6. Clear and grub the remaining site as necessary.
7. Refer to construction SWPPP plan sheet.

Seeding Dates	Seed Type	Application Rate Per 1,000 Sq.Ft.
March 1 - August 15	Oats Perennial Rye Grass Or Tall Fescue	3#
August 16 - November 1	Rye, Wheat or Perennial Rye Grass Tall Fescue	1#
After November 1	Straw or Hay Mulch	2-3 Bales
Seed Bed Preparation	Lime 10-10-10 or 12-12-12 Fertilizer	100# 12-15#

Survey Control

Field Survey performed from: 09-6 to 09-27, 2016.
Horizontal and vertical survey control is tied to the Tennessee State Plane coordinate system (NAD83/NAVD88), referenced from Rutherford County Control monument number RCC-020.

BENCHMARK #1: CHISELED X ON HW ELEV: 672.23 NAVD88	BENCHMARK #2: TPS ELEV: 678.68 NAVD88	BENCHMARK #3: TPS ELEV: 678.10 NAVD88
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EPSC Phasing

- Initial: Silt Fence Along Downgradient
Construction Entrance
Concrete Washout Area
Detention Pond/Temp. Sediment Trap
- Intermediate: Temporary Seeding
Filter Fabric Inlet Protection
Check Dams In Proposed Ditches
Erosion Control Blanket Or Grass Sod
Installation At Prescribed Locations
- Final: Seeding And Stabilization Of All
Disturbed Areas

PROPOSED BMP'S

BMP	TYPE
SILT FENCE	TEMPORARY, SEDIMENT CONTROL
CONSTRUCTION ENTRANCE	TEMPORARY, SEDIMENT CONTROL
VEGETATION	PERMANENT, EROSION PREVENTION
INLET PROTECTION	TEMPORARY, SEDIMENT CONTROL
DETENTION POND	PERMANENT, WATER QUALITY
TREE PROTECTION	TEMPORARY, PROTECTION
EROSION EEL	TEMPORARY, SEDIMENT CONTROL

EXISTING ON-SITE CONDITIONS

COVER	SCS CLASSIFICATION	AREA (Ac)
ROW CROPS	ROW CROPS: GOOD CONDITION B-SOILS, CN=78	1.60
ROW CROPS	ROW CROPS: GOOD CONDITION C-SOILS, CN=85	14.13
ROW CROPS	ROW CROPS: GOOD CONDITION D-SOILS, CN=89	0.02
		COMPOSITE CN=84

PROPOSED ON-SITE CONDITIONS

COVER	SCS CLASSIFICATION	AREA (Ac)
RESIDENTIAL 1/4 ACRE LOTS	RESIDENTIAL 30% IMPERVIOUS B-SOILS, CN=85	1.60
RESIDENTIAL 1/4 ACRE LOTS	RESIDENTIAL 30% IMPERVIOUS C-SOILS, CN=90	14.13
RESIDENTIAL 1/4 ACRE LOTS	RESIDENTIAL 30% IMPERVIOUS D-SOILS, CN=92	0.02
		COMPOSITE CN=90

Survey Control

Field Survey performed from: 09-6 to 09-27, 2016.
Horizontal and vertical survey control is tied to the Tennessee State Plane coordinate system (NAD83/NAVD88), referenced from Rutherford County Control monument number RCC-020.

BENCHMARK #1: CHISELED X ON HW ELEV: 672.23 NAVD88	BENCHMARK #2: TPS ELEV: 678.68 NAVD88	BENCHMARK #3: TPS ELEV: 678.10 NAVD88
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OUTFALLS

NUMBER	DESCRIPTION	DRAINAGE AREA			RECEIVING FEATURE
		DISTURBED	PASS THRU	TOTAL	
1	TEMP. CONSTRUCTION EXIT	0.10 Ac.	0.00 Ac.	0.10 Ac.	WEST FORK STONES RIVER UPPER
2	POND 1 / SEDIMENT BASIN 1	11.00 Ac.	0.00 Ac.	11.00 Ac.	WEST FORK STONES RIVER UPPER
3	POND 2 / SEDIMENT BASIN 2	19.70 Ac.	0.00 Ac.	19.60 Ac.	WEST FORK STONES RIVER UPPER

Legend:

<input type="checkbox"/>	EXIST. CONCRETE MONUMENT		BENCHMARK
<input checked="" type="checkbox"/>	IRON PIN SET (I.P.S.)		HANDICAP RAMP SYMBOL
<input type="checkbox"/>	IRON PIN FOUND (I.P.F.)	V.A.	VAN ACCESSIBLE HANDICAP DESIGNATION
	EXIST. SIGN POST		HC SIGN
	EXIST. SEWER CLEANOUT		PROPOSED SIGN POST
	EXIST. MANHOLE (SEWER and PHONE)		CONCRETE BOLLARD
	EXIST. CATCH BASIN (STORM SEWER)		WHEEL STOP
	EXIST. WATER/GAS VALVE		CONCRETE SIDEWALK
	EXIST. TELEPHONE RISER		EXTRUDED CURB
	EXIST. GAS RISER		CURB AND GUTTER
	ELECTRICAL ENCLOSURE		TRAFFIC ARROW
	EXIST. WATER METER		TURN LANE ARROWS
	EXIST. UTILITY POLE		REVISION NUMBER
	EXIST. FIRE HYDRANT		DRAINAGE STRUCTURE DESIGNATION
	POST INDICATOR VALVE		DRAINAGE PIPE DESIGNATION
	BLOW OFF VALVE		RIP RAP
	REDUCER		RUNOFF FLOW ARROW
	REMOTE FIRE DEPT. CONNECTION		INLET FILTER PROTECTION
	CONCRETE THRUST BLOCK	63.25	PROPOSED SPOT ELEVATION
	DOUBLE DETECTOR CHECK VALVE	(63.25)	EXIST. SPOT ELEVATION
	FIRE DEPT. CONNECTION		SEWER/STORM FLOW DIRECTION
	FIRE HYDRANT		CATCH BASIN
	GATE VALVE and BOX		CURB INLET
	WATER METER		AREA DRAIN
	GAS METER		HEADWALL
	GREASE TRAP		WINGED HEADWALL
	EXTERIOR CLEANOUT ECO		CONCRETE SWALE
	MANHOLE		TYPE- X- HEADWALL

EXISTING PHONE	PH
EXISTING ELECTRIC	OH
PROPERTY LINE	---
EASEMENTS	---
RIGHT OF WAY	ROW
EROSION CONTROL SILT FENCE	SF
EROSION EEL	E
EXISTING TREELINE	---
EXISTING FENCELINE	X
MINIMUM BUILDING SETBACK LINE	MBSL
PHASE BOUNDARY	---
EXISTING GAS LINE	GAS
PROPOSED GAS LINE	GAS
EXISTING STORM	STM
PROPOSED STORM	STM
EXISTING CONTOUR LINES	60
PROPOSED CONTOUR LINES	60
EXISTING SANITARY SEWER	SS
PROPOSED SANITARY SEWER	SS
EXISTING WATER	W
PROPOSED WATER	W



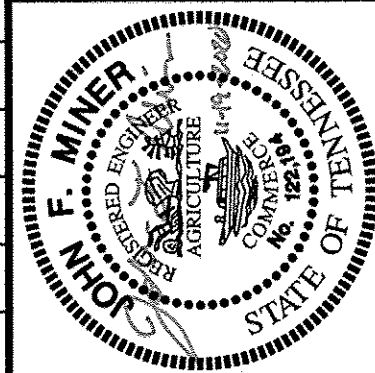
Know what's below.
Call before you dig.



100' 0 100' 200'
SCALE: 1"= 100'

SEC, Inc. SITE ENGINEERING CONSULTANTS

ENGINEERING • SURVEYING • LAND PLANNING
850 MIDDLE TENNESSEE BOULEVARD
MURFREESBORO, TENNESSEE 37129
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Clearview Acres
Section 3

Rutherford County, TN

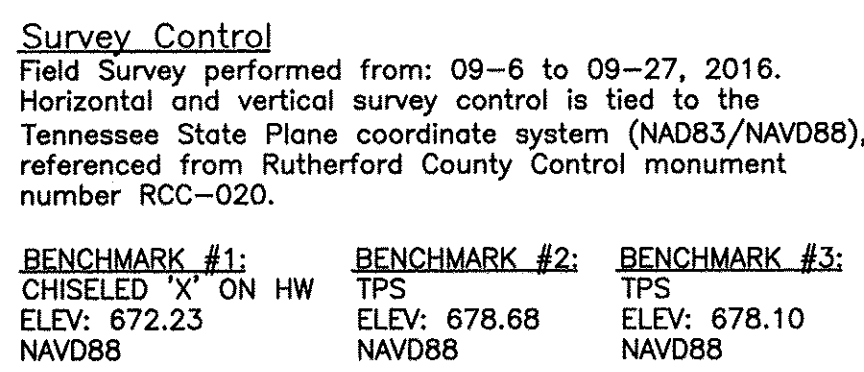
Intermediate EPSC Plan

REVISION: 09-16-2020: Eng. Comments

DRAWN: JLM
DATE: 3-31-20
CHECKED:
RH
FILE NAME:
14300ProjectP3
SCALE:
1"=100'
JOB NO.
14300
SHEET:



C3.0

Limits Of
Disturbance=
15.32±Ac.




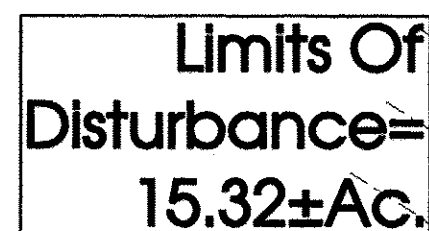
811.

**Know what's below.
Call before you dig.**



SCALE: 1" = 50'

C4.0	SHEET:	14300
	JOB NO.	14300
	SCALE:	1" = 50'
	FILE NAME:	14300\ProjectP3
	CHECKED:	RH
	DATE:	3-31-20
DRAWN:	JLM	
REVISED: 09-18-2020: Eng. Comments		
Clearview Acres Section 3 Rutherford County, TN		
		
SPEC, Inc. SITE ENGINEERING CONSULTANTS ENGINEERING • SURVEYING • LAND PLANNING 850 MIDDLE TENNESSEE BOULEVARD MURFREESBORO, TENNESSEE 37129 PHONE: (615) 890-7001 E-MAIL: MTAYLOR@SPEC-CIVIL.COM FAX: (615) 895-2867 NO PORTION OF THIS DRAWING MAY BE REPRODUCED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SPEC, INC. <small>The firm shall allow its construction drawings to be intended to estimate designs, design efforts and objectives. It is the sole responsibility of the owner/developer to ensure that the construction of the site shown on these construction drawings is in accordance with the approved plans and specifications. The firm does not warrant or accept liability for the total incompleteness of the information that the client has furnished in accordance with the construction plans.</small>		



C4.1