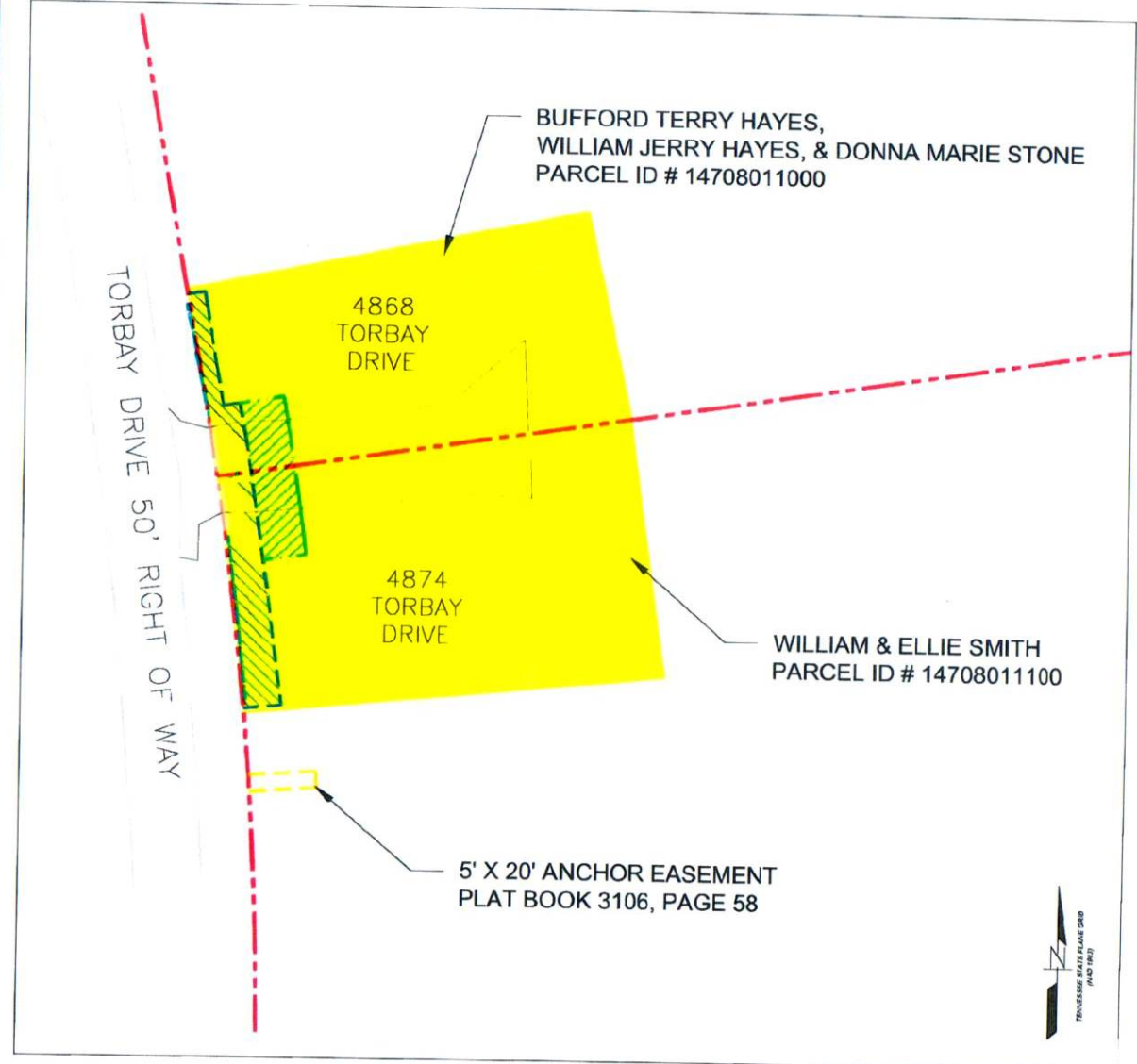










Exhibit 1



- LEGEND**
-  PROPOSED DITCH
 -  PROPOSED PIPE
 -  PROPOSED HEADWALL
 -  PROPERTY LINE
 -  PROPOSED PERMANENT EASEMENT
 -  PROPERTY WITH PROPOSED PERMANENT EASEMENT(S)
 -  PROPOSED TEMPORARY EASEMENT
 -  EXISTING EASEMENT

Civil Engineers



6606 CHARLOTTE PIKE, STE 210
 NASHVILLE, TENNESSEE 37209
 615.356.9911 PHONE
 615.352.6737 F A X

CLIENT:

**METRO WATER SERVICES,
 DIVISION OF STORMWATER**

PROPOSED EASEMENT EXHIBIT

TORBAY DRIVE

Proj.# 17-SWC-090

SCALE:	1"=50'
DATE:	SEPT. 22, 2016
DWN BY:	BAH
CHK BY:	RLW

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE DEPARTMENT OF WATER AND SEWERAGE SERVICES

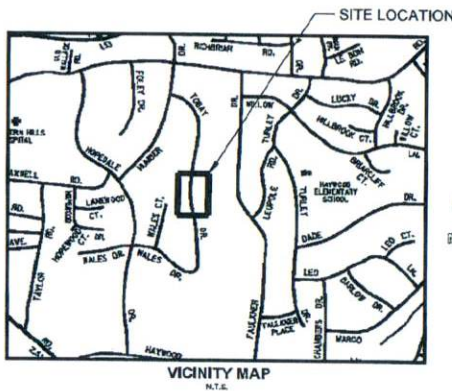
90% DESIGN PLANS

STORMWATER SYSTEM IMPROVEMENTS FOR TORBAY DRIVE

COUNCIL DISTRICT 30

INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
C0.0	COVER SHEET
C1.0	GENERAL NOTES
C2.0	PRESENT LAYOUT AND DEMOLITION PLAN
C3.0	PROPOSED GRADING AND DRAINAGE PLAN
C4.0	DETAILS



METRO PROJECT NO. 16-SWC-XXX

BCA PROJECT NO. 2773-01.90

NOTE:
UNLESS OTHERWISE NOTED, ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT REQUIREMENTS OF TENNESSEE DEPARTMENT OF TRANSPORTATION (TDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, TDOT DESIGN STANDARDS AND STANDARD DRAWINGS, METROPOLITAN DEPARTMENT OF PUBLIC WORKS DETAILS AND SPECIFICATIONS, AND METROPOLITAN DEPARTMENT OF WATER SERVICES DETAILS AND SPECIFICATIONS.

MEGAN BARRY

METROPOLITAN ENGINEER



SCOTT A. POTTER

DIRECTOR OF WATER & SEWERAGE SERVICES

ENGINEERING BY - METROPOLITAN DEPARTMENT OF
WATER AND SEWERAGE SERVICES
STORMWATER DIVISION

1000 RECORD AVENUE NORTH
KNOXVILLE, TN 37920

PREPARED BY:

BARGE CAUTHEN & ASSOCIATES, INC.
 6600 CHARLOTTE PIKE - SUITE 210
 NASHVILLE, TENNESSEE 37220
 CONTACT: RICHARD WILLIAMS, P.E.
 PHONE: (615) 356-0911 FAX: (615) 353-8737

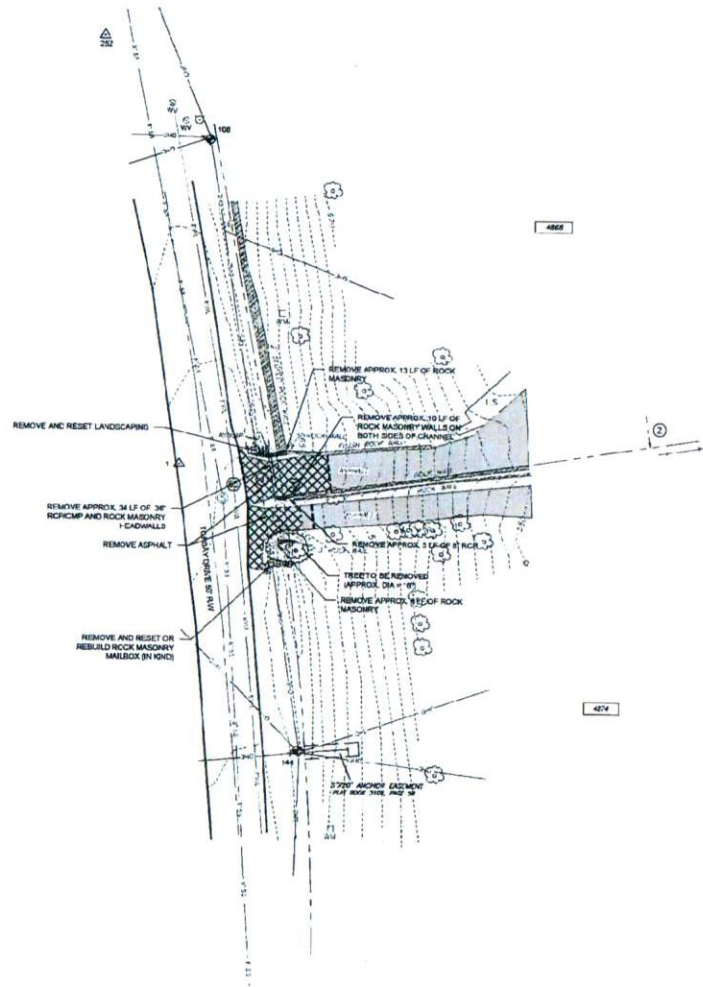
**PRELIMINARY
NOT FOR CONSTRUCTION**

SITE BENCHMARK TABLE			
BN ID	NORTHING	EASTING	DESCRIPTION
108	634105.28	1757715.54	NAIL IN UTILITY POLE
144	633879.46	1757749.92	NAIL IN UTILITY POLE

CONTROL TABLE			
POINT ID	NORTHING	EASTING	DESCRIPTION
1	633985.14	1757705.50	MAG NAIL IN FDP
252	634143.24	1757677.03	MAG NAIL IN EDP

SANITARY SEWER TABLE			
MANHOLE ID	T.O.C.	PIPE IN	OUT
63	565.2'	8" - 555.1'	8" - 555.0'

STORM PIPE TABLE				
PIPE ID	SIZE	MATERIAL	PIPE IN	PIPE OUT
1	36"	CMF/ACF	561.7'	560.8'
2	3"	OPF	FROM OUTLET	564.1'
3	8"	PCP	564.6'	TO 36"



SERVICE REQUEST TABLE			
LOCATION ID	SERVICE REQUEST NUMBER	ADDRESS	TYPE
1	756471	4874 TORBAY DRIVE	REMOVAL



DEMOLITION/EROSION CONTROL LEGEND

- ASPHALT OR ROAD PAVEMENT TO BE REMOVED
- EXISTING ASPHALT
- SAW CUT
- PROPOSED LIMITS OF CLEARING AND GRUBBING

SURVEYOR'S LEGEND

- CONTROL POINT
- BENCHMARK
- SANITARY SEWER CLEAN OUT
- SANITARY SEWER MANHOLE
- WATER METEER
- WATER VALVE
- WATER SPIGOT
- FIRE HYDRANT
- NATURAL GAS METER
- NATURAL GAS VALVE
- UTILITY POLE
- LIGHT POLE
- GUY ANCHOR
- ELECTRIC METER
- ELECTRIC BOX
- TELEPHONE PEDIESTAL
- SATELLITE
- TELEPHONE MANHOLE
- STORM INLET
- STORM JUNCTION BOX SOLID COVER
- MAILBOX
- BRICK MAILBOX
- SIGN
- TREE
- SWL/SB
- LANDSCAPING
- WALL



SURVEYOR
 CIVIL INFRASTRUCTURE ASSOCIATES
 602 NORTH WALNUT STREET
 MURFREESBORO, TN 37130

Dist Engineer
Barge Caughen ASSOCIATES
 1000 CHERRY HILL DR
 NASHVILLE, TENNESSEE 37203
 615.268.1877 PHONE
 615.262.8737 FAX

METROPOLITAN GOVERNMENT OF NASHVILLE & DAVIDSON COUNTY
 DEPARTMENT OF WATER & SEWERAGE SERVICES
 STORMWATER DIVISION

**TORBAY DRIVE
 PRESENT LAYOUT AND
 DEMOLITION PLAN**

DR. I.C.L.	ORIGINAL DRAFT DATE
BAH/RLW	04/04/2006

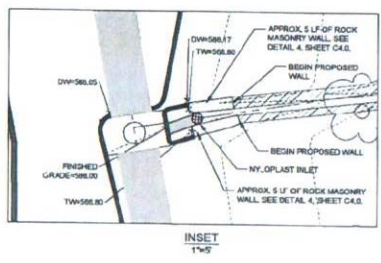
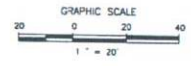
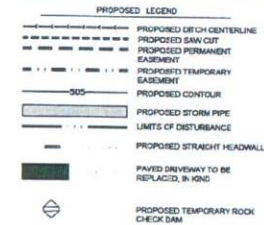
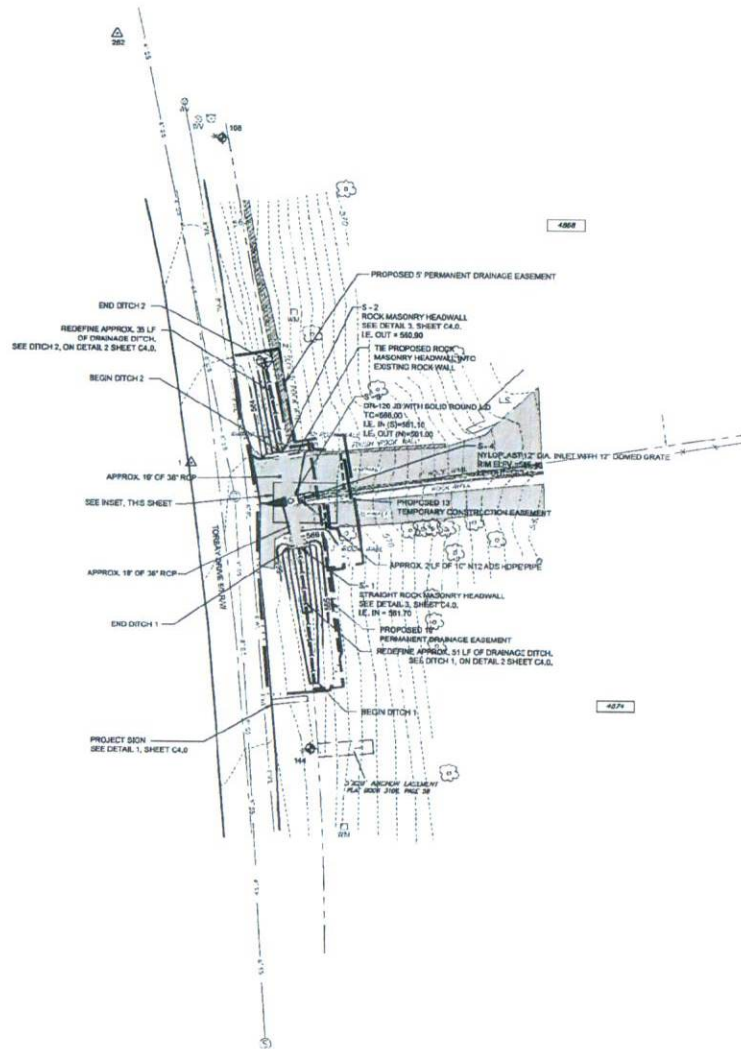
**PRELIMINARY
 NOT FOR CONSTRUCTION**

BCA PROJ. NO. 2773-01.90



PROJECT NO. XX-SWC-XXX SHEET NO. C2.0

- SURVEYOR'S NOTES:**
1. BENCHMARKS SHOWN HEREON ARE BASED ON TENNESSEE STATE PLANE COORDINATES.
 2. PARCEL NUMBERS PERTAIN TO DAVIDSON COUNTY TAX MAPS.
 3. PROPERTY SUBJECT TO ADJUT OF WAY OF TORBAY DRIVE.
 4. UNDERGROUND UTILITY LOCATIONS WERE TAKEN FROM FIELD LOCATIONS AND/OR APPROPRIATE CONVEYING AGENTS AND ARE APPROXIMATE. PRECISE LOCATION OF UNDERGROUND UTILITIES IS RECOMMENDED PRIOR TO ANY CONSTRUCTION ON THIS PROPERTY.
 5. NO WARRANTY IS MADE BY SURVEYOR THAT ANY BEST COPY EXISTING COPIES OF INSTRUMENTS OR RECORDS BY RECORD THAT CORRECTLY REFLECT THIS PROPERTY.
 6. THIS IS TO CERTIFY THAT I HAVE EXAMINED THE ABOVE INSTRUMENT, MAP AND FOUND THE PERSON DESIGNATED PROPERTY SURVEYOR TO BE LICENSED IN A SPECIAL LICENSE UNDER NEW YORK STATE MAPS AND SURVEYING ACT AND I HAVE EXAMINED THE RECORDS OF THE SURVEYOR FOR DAVIDSON COUNTY, TENNESSEE, IN THE AREA.



Old Engineer

Barge Cauthen ASSOCIATES

888 WILSONS LINE, STE 107
NASHVILLE, TENNESSEE 37203
615.262.2817 PHONE
615.262.2377 FAX

- NOTES**
- 1) ALL DRIVEWAYS SHALL BE REPAIRED IN AREAS AFFECTED BY CONSTRUCTION.
 - 2) CONTRACTOR SHALL REMOVE AND REPLACE MAILBOXES AND REGULATORY SIGNS AS NECESSARY. THIS COST SHALL NOT BE PAID FOR SEPARATELY EXCEPT BRICK MAILBOXES, BUT SHALL BE INCLUDED IN THE COSTS OF OTHER ITEMS.
 - 3) ALL SIDE DRAIN HEADWALLS SHALL BE CONSTRUCTED SUCH THAT THERE IS A 4" CLEAR HEIGHT ABOVE THE FINISH GRADE OF ALL DRIVEWAYS AT 1" EXCEPTIONS SHALL BE FIELD APPROVED BY METRO CONSTRUCTION MANAGER.

METROPOLITAN GOVERNMENT OF NASHVILLE & DAVIDSON COUNTY
DEPARTMENT OF WATER & SEWERAGE SERVICES
STORMWATER DIVISION

TORBAY DRIVE

PROPOSED GRADING AND DRAINAGE PLAN

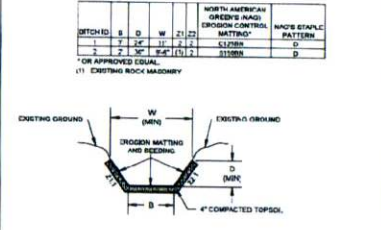
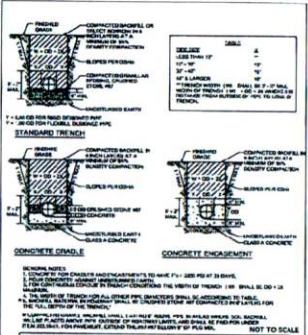
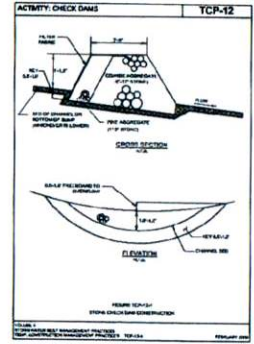
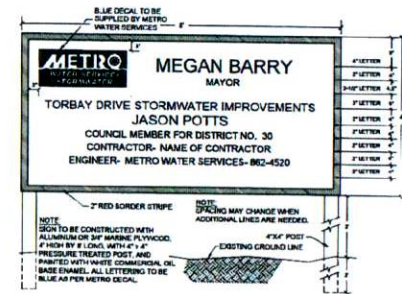
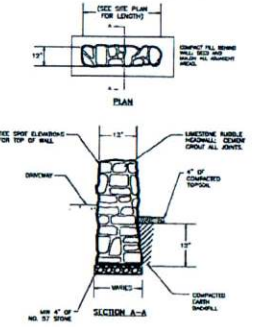
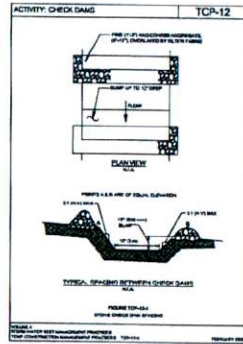
DR. CL.	ORIGINAL DRAFT DATE
1447-26-W	06/26/2016

PRELIMINARY NOT FOR CONSTRUCTION

BCA PROJ. NO. 2773-01.90



PROJECT NO. XX-SWC-XXX SHEET NO. C.3.0

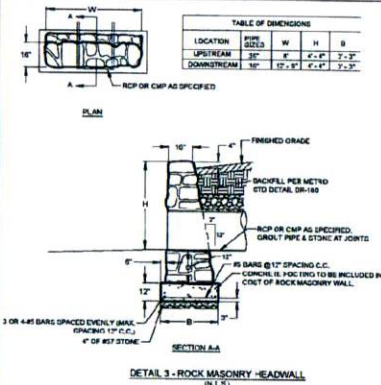
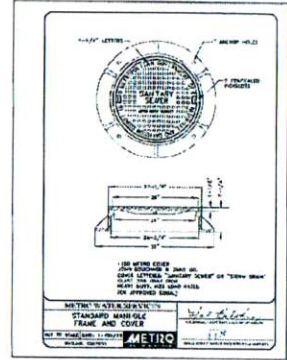


NOTES:

- CONTRACTOR SHALL INSTALL MATTING PER MANUFACTURER'S INSTRUCTIONS.
- SEEDING UNDER EROSION CONTROL MATTING SHALL BE INCLUDED IN ITEM BIDDING. SEEDING (WITHOUT MATTING) SHALL BE INCLUDED IN ITEMS OUTSIDE TOP OF DAM SHALL BE SEEDING AND MULCHING.

Barge Cauthen ASSOCIATES

100 CHURCH ST., SUITE 200
NASHVILLE, TENNESSEE 37203
TEL: 615.259.1100 FAX: 615.259.1101



METROPOLITAN GOVERNMENT OF NASHVILLE & DAVIDSON COUNTY DEPARTMENT OF WATER & SEWERAGE SERVICES STORMWATER DIVISION

TORBAY DRIVE

DETAILS

DWG. NO.	ORIGINAL DSWPPT DATE
BAH 10.1.W	09/26/2006

PRELIMINARY NOT FOR CONSTRUCTION

BCA PROJ. NO. 2773-01.90

METRO WATER SERVICES STORMWATER

PROJECT NO. XX-SWC-XXX SHEET NO. 44.0

**17-SWC-090 TORBAY DRIVE STORMWATER
PERMANENT and TEMPORARY EASEMENTS**

<u>Address</u>	<u>Map/Parcels</u>	<u>Property Owners</u>
4868 Torbay Drive	147-08 110	Buford Hayes, Wm. Hayes, & Donna Stone
4874 Torbay Drive	147-08 111	William R. Smith and Ellie R. Smith