

NON-DR BLASTING NOTES

1. PEAK PARTICLE VELOCITY (PPV) SHALL IN GENERAL NOT EXCEED 2 INCHES PER SECOND MEASURED ADJACENT TO ANY WSSC FACILITIES, INCLUDING PIPELINES AND SURFACE STRUCTURES IN VICINITY OF BLASTING OPERATIONS. FOR PCCP OR OTHER BRITTLE PIPELINES AND PIPELINES IN POOR CONDITIONS, A STRICTER LIMIT MAY BE APPLIED AT THE DISCRETION OF WSSC. (ALSO, DEPENDING ON SIZE, TYPE, MATERIAL, AND IMPORTANCE OF THE PIPE THE LIMIT CAN CHANGE AT THE DISCRETION OF WSSC).
2. PPV LIMITS ABOVE 2 INCHES PER SECOND MAY FURTHER BE REDUCED OR NO BLASTING MAY BE IMPOSED AT THE DISCRETION OF WSSC UPON REVIEW OF BLASTING SUBMITTALS AND CONDITION OF STRUCTURES. (DEPENDING ON SIZE, TYPE, MATERIAL, AND IMPORTANCE OF THE PIPE THE LIMIT CAN CHANGE AT THE DISCRETION OF WSSC).
3. IMPACT OR IMPULSIVE NOISE FROM BLASTING OPERATIONS WILL NOT EXCEED 140 DB PEAK SOUND PRESSURE LEVEL MEASURED AT NEAREST FACILITIES OR PROPERTY LINE.
4. IN THE EVENT THAT AIR BLAST PRESSURE, VIBRATION, NOISE, FLYING DEBRIS, OR OVER BREAKAGE EXCEED SPECIFIED LIMITS, ALL BLASTING OPERATIONS ARE TO BE IMMEDIATELY SUSPENDED UNTIL THE IMPACTED FACILITY IS INSPECT, REPAIRED IF NEEDED, AND A MODIFIED BLASTING PLAN IS SUBMITTED AND APPROVED.
5. BLASTING WITHIN 200 FEET OF WSSC FACILITIES REQUIRES COMPLIANCE WITH WSSC 2020 STANDARD SPECIFICATION 02315 - EARTHWORK FOR PIPELINE CONSTRUCTION AND A WSSC-APPROVAL SPECIFIC TO THE BLASTING PROJECT.
6. FOR EACH BLAST, SEISMOGRAPHS SHOULD BE PLACED AT EDGE OF THE TWO (2) NEAREST WSSC WATER, SEWER AND/OR OTHER STRUCTURES. (DEPENDING ON SIZE, TYPE, MATERIAL, AND IMPORTANCE OF THE PIPE THE SEISMOGRAPH NUMBERS CAN CHANGE AT THE DISCRETION OF WSSC).
7. ALL BLASTING IS TO BE PERFORMED IN COMPLETE COMPLIANCE WITH THE APPROVED MONTGOMERY/PRINCE GEORGE COUNTY BLASTING PERMIT AND PLANS.
8. WSSC MUST BE NOTIFIED THREE (3) BUSINESS DAYS PRIOR TO BEGINNING ANY BLASTING WORK
PCD CONTRACT MANAGER XXXXX.XXXXX@WSSCWATER.COM (FOR PCCP ADD DSD PROJECT MANAGER XXXXX.XXXXX@WSSCWATER.COM, SCD KAREN.WRIGHT@WSSCWATER.COM AND WCAS ARTURO.ACEVEDO@WSSCWATER.COM)
9. COORDINATE WITH WSSC UTILITY SERVICES AND SYSTEM CONTROL AT LEAST 30 DAYS AHEAD IF WSSC DETERMINES THAT SHUTOFF OF WATER MAIN IS NECESSARY.
10. SEISMOGRAPH REPORTS INCLUDING PEAK PARTICLE VELOCITIES SHALL BE MADE AVAILABLE TO A REPRESENTATIVE OF THE WSSC AFTER EACH SHOT AND SEND TO DSD PROJECT MANAGER XXXXX.XXXXX@WSSCWATER.COM (16-INCH AND LARGER WATER PIPES AND 15-INCH AND LARGE SEWER PIPES TO EESD HAILE.YERDAW@WSSCWATER.COM AND PCCP PIPES TO WCAS ARTURO.ACEVEDO@WSSCWATER.COM).

SPECIAL NOTES

- (1) BLASTING PLANS ARE REVIEWED BY WSSC AT THE REQUEST OF MONTGOMERY/PRINCE GEORGE COUNTY AS PART OF THE COUNTY'S PERMIT APPLICATION PROCESS. WSSC'S REVIEW OF THE PLANS DOES NOT CONSTITUTE ISSUANCE OF A PERMIT TO PERFORM SHEETING AND SHORING, RETAINING WALL, OR BLASTING OPERATIONS.
- (2) THE APPLICANT IS SOLELY RESPONSIBLE FOR ANY AND ALL DAMAGE TO WSSC FACILITIES OR ANY INTERRUPTION IN SERVICE CAUSED BY OR RESULTING FROM ANY ACTIVITY ASSOCIATED WITH THE APPLICANT'S BLASTING OPERATIONS. IN EXCHANGE FOR WSSC'S APPROVAL OF THE APPLICANT'S BLASTING PLANS, APPLICANT ACKNOWLEDGES AND AGREES THAT IT SHALL REPAIR OR REPLACE, AT NO COST TO AND TO WSSC'S COMPLETE SATISFACTION, ANY AND ALL WSSC FACILITIES DAMAGED DURING THE APPLICANT'S BLASTING OPERATIONS. THE APPLICANT FURTHER ACKNOWLEDGES AND AGREES THAT IT SHALL RESTORE ANY INTERRUPTION OF SERVICE AT NO COST TO AND TO WSSC'S COMPLETE SATISFACTION.

HORIZ. DATUM = NAD 83/91
VERT. DATUM = NGVD 1929

VICINITY MAP

SCALE 1" : MAP UNITS
* NAME * Co. PAGE PAGE# GRID GRID#

LEGEND

- BLASTING AREA
- SEISMOGRAPH LOCATION
- AREA WITHIN 200' OF WSSC EXISTING STRUCTURES
- TEST PIT
- EXISTING WATER MAINS (CONTRACT # & SIZE)
- EXISTING SEWER MAINS (CONTRACT# & SIZE)
- PROPOSED WATER MAINS
- PROPOSED SEWER MAINS
- EXISTING BUILDINGS
- PROPOSED BUILDINGS

SEAL.

1 - 5/8" ≤ Size ≤ 2 - 0"

SEAL.

1 - 5/8" ≤ Size ≤ 2 - 0"

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NO.:

EXPIRATION DATE:

ENGINEER'S/SURVEYOR'S AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE AS-BUILT INFORMATION AS SHOWN IN (RED OR GREEN) HEREIN IS ACCURATE TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND HAS BEEN ESTABLISHED BY A FIELD RUN SURVEY USING ACCEPTABLE SURVEYING METHODS BY MYSELF AND/OR SOMEONE UNDER MY DIRECT SUPERVISION ON (EFFECTIVE DATE). ALL ASBUILT DATA IS SHOWN IN 'BOXES'.

LICENSE NO.:

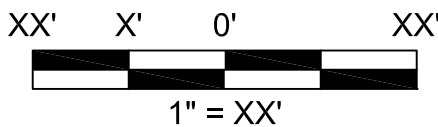
EXPIRATION DATE:

THESE DOCUMENTS CONTAIN PRIVILEGED AND CONFIDENTIAL INFORMATION WHICH SHALL NOT BE REDISTRIBUTED WITHOUT PRIOR WSSC APPROVAL

CONTRACT CONTRACT#

200'S	200'SHEET#	NO	#
		OF	#

GRAPHIC SCALE



ADD THE NOTE TO THE RIGHT IF PROPOSED OR EXISTING C.I.P. SIZE PIPE IS SHOWN ON THIS PLAN.

WASHINGTON SUBURBAN SANITARY COMMISSION



APPLICANT:

NAME: COMPANY NAME
ADDRESS: STREET ADDRESS, CITY, STATE AND ZIP CODE
PHONE: PHONE NUMBER
CONTACT : CONTACT PERSON'S NAME
CONTACT EMAIL: CONTACT PERSON'S EMAIL ADDRESS

ENGINEER:

NAME: Sole Proprietor or Firm name
REGISTRATION #: Of sole Proprietor or Firm
CONTACT : Contact person's name
ADDRESS: Contact person's address including City, State and Zip
PHONE: Contact person's phone number
CONTACT EMAIL: Contact person's full email address

ELECTION DISTRICT NAME & #
PROJECT (WATER/SEWER) RELOCATION

STREET
SUBDIVISION

VERIFY SCALE - BAR IS ONE INCH ON ORIGINAL DRAWING 0 1". IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY.