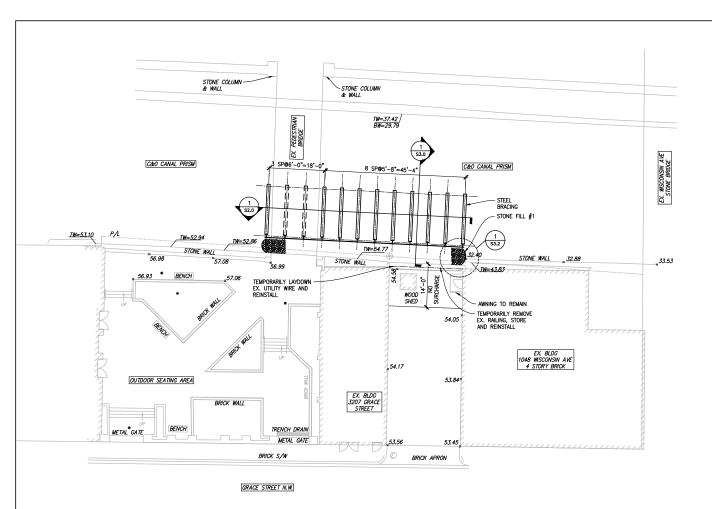


41 PM R16 M:\3900\3907.02 Georgetown Canal\3907-02 COVER



- BRACING REQUIREMENTS:

 1. THE INTENT OF THIS BRACING PROJECT IS TO INSTALL A SUPPORT SYSTEM WHICH COULD BE IN PLACE FOR 10 YEARS FOR THE EXISTING DRYSTONE WALL AND STRUCTURES THAT IT SUPPORTS.
 INSTALL BRACING USING MEANS THAT MINIMIZE VIBRATION WHICH COULD CAUSE
- INSTALL BRACING USING MEANS I FIAL MINIMALE VIBRATION WHICH COULD CAUSE.

 FAULURE OF THE EXISTING STONE WALL.

 MONITOR THE EXISTING WALL CONTINUOUSLY DURING ANY CONSTRUCTION ACTIVITY
 THAT COULD CAUSE DAMAGING VIBRATIONS. NOTIFY THE CONTRACTING OFFICER

 IMMEDIATELY OF ANY CHANGES IN THE EXISTING WALL MONITORING SHALL INCLUDE

 SURVEY OF MARKERS ON THE EXISTING STONE WALL AND GROUND WIBRATION. MONITORING
- Monitoring.

 SURVEY THE EXISTING WALL PRIOR TO CONSTRUCTION WITH PHOTOGRAPHS AND LASER SCANNING. DOCUMENT THE LOCATION OF FACE STONES WITH PHOTOGRAPHS. LOCATE THE COOPDINATES OF AT LEAST 16 STONES PRIOR TO CONSTRUCTION ACTIVITIES IN THE CAMAL PRISM. RESURVEY THOSE 16 POINTS EACH DAY WHEN THERE IS WORK BEING DONE IN THE PRISM OR UNITL HOSE STONES ARE COVERED. THERE IS WORK BEING DONE IN THE PRISM OR UNTIL THOSE STONES ARE COVERED BY BRACING, INSTALL VIBRATION MONITORS ON THE WALL AT TWO LOCATIONS AND IN TWO LOCATIONS ON THE SURFACE OF THE BEDROCK NEAR WHERE BRACING IS BEING INSTALLED, MONITOR AND RECORD VIBRATION DURING CONSTRUCTION ACTIVITIES IN THE PRISM, PROVIDE A WEEKLY UPDATED REPORT TO THE OVERTHER STONES THAT ARE COVERED BY BRACING NEED NOT BE MONITORED. SPECIAL EXCAVATION MEANS TO PREVENT DAMAGING VIBRATIONS SHALL BE USED. EXCAVATION OF MATERIAS WITHIN 6 MONITORS OF BED ROCK SHALL BE OWNED BY
- VACILIM EXCAVATION OF BY HAND
- VACUUM EXCAVATION OR BY HAND.

 INSTALLATION OF BRACING AND FOUNDATION SHALL BE COMPLETED IN THE DRY, PROVIDE TEMPORARY COFFERDAM, REMOVE COFFERDAM AFTER CONSTRUCTION.

 SEDIMENT THAT IS EXCAVATED FOR INSTALLATION OF CONCRETE FOUNDATIONS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS. AFTER REMOVAL OF COFFERDAM, LEVEL REMAINING SEDIMENT THROUGHOUT WORK AREA AND DO NOT RAISE THE LEVEL OF ANY SEDIMENT BEYOND ELEVATION 32.0 FEET, REMOVE AND DISPOSE OF THAT SEDIMENT WHICH IS NOT ABILE TO BE SPREAD.

 MAINTAIN 20 FEET CLEAR BETWEEN THE NORTHSIDE CANAL PRISM WALL AND THE CONSTITUTION, WORD AND COFFEDDIAM.

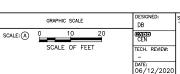
- SUGGESTED SEQUENCE OF WORK IN PRISM:
 (ACTUAL SEQUENCE TO BE DETERMINED BY CONTRACTOR AND SUBMITTED FOR APPROVAL)

 1. USING CRAME IN ACCESS FROM TEMPORARY CLOSURE OF WISCONSIN AVE
 (CONTRACTOR TO OBTAIN PERMITS). DELIVER CONSTRUCTION MATERIALS AND
 EQUIPMENT THAT CANNOT BE DELIVERED FROM THE PRAKING LOT BETWEEN 3/207
 GRACE ST. AND 1048 WISCONSIN AVE. REFER TO ACCESS PLAN BASIS OF DESIGN
 DENIMOLE.
- DRAWING. INSTALL TEMPORARY COFFERDAM AND PUMPS IN THE PRISM AROUND THE WORK
- EXCAVATE SEDIMENT, CLEAN ROCK SURFACE, INSTALL DOWELS, AND PLACE FOR CONCRETE FOOTINGS. PROVIDE OVERHEAD PROTECTION DURING THE WORK ADJACENT TO THE WALL FROM FALLING STONES.
- AFTER CONCRETE REACHES 3000PSI STRENGTH, INSTALL ROCK BOLTS. CONSTRUCT STEEL BRACING
- CONSTRUCT STEEL BRACING
 INSTALL FABRIC AGAINST EXISTING STONE WALL AND PLACE STONE FILL BETWEEN
 BRACING AND THE EXISTING WALL IN LAYERS AS THE TIMBER SHEETING IS INSTALLED.
 REMOVE COFFERDAM AND SPREAD EXCAVATED MATERIAL EVENLY WITHIN THE WORK AREA.

1 BRACING PLAN S1.0 SCALE: A NOTE:

FLEVATIONS ARE FOR REF. ONLY SEE CIVIL DWG. FOR ACTUAL ELEVATIONS





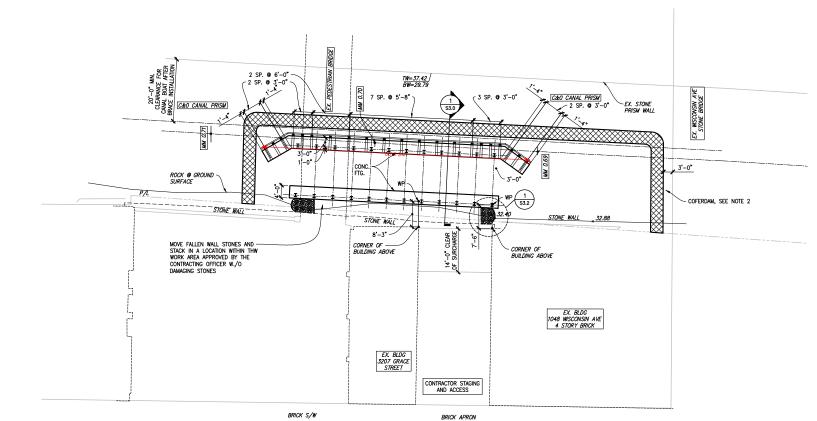
SUB SHEET NO ا(

TITLE OF SHEET BRACING PLAN

STABILIZE SOUTH PRISM WALL

DRAWING NO. 412 167062 310405 SHEET 2 of 27

100% DRAFT CONSTRUCTION DOCUMENTS



GRACE STREET N.W.

1 BRACING FOUNDATION PLAN

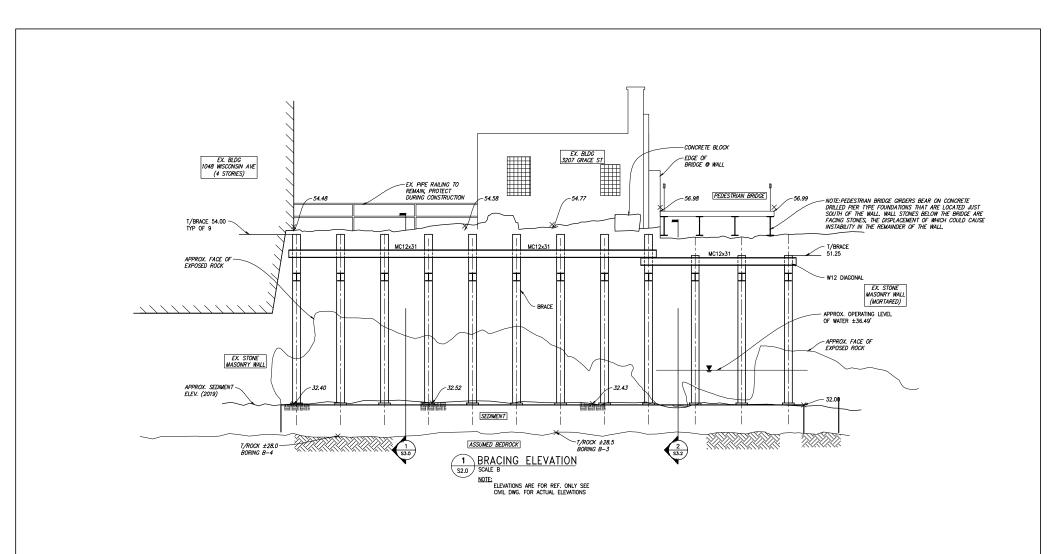
NOTES:

ELEVATIONS ARE FOR REF. ONLY SEE CIVIL DWG, FOR ACTUAL ELEVATIONS.
COFERDAM: PROVIDE TEMPORARY COFFERDAM AND OTHER MEASURES AS NECESSARY FOR UP
TO 3 FEET OF WATER IN THE CAPAL AFTER RAIN EVENTS (UP TO ELEVATION 35.4 FEET.)
PUMP WATER IN THE WORK AREA AS NEEDED TO ALLOW FOR WORK IN THE DRY AND
DISCHARGE OF WATER INTO PRISM DOWNSTREAM OF THE WORK: AREA DO NOT DISPLACE
MATERIAL IN THE CAPAL AS A RESULT OF DISCHARGE. REMOVE COFFERDAM AFTER
CONSTRUCTION. SUBMIT A WORK PLAN OF THE COFFERDAM FOR APPROVAL, AND INCLUDE A
LIST OF ALL EQUIPMENT AND PROCEDURES PROPOSED TO INSTALL, MAINTAIN, AND REMOVE
THE COFFERDAM INCLUDING THE PUMPING OF WATER.

100% DRAFT CONSTRUCTION



				DOCOMENTS	
	GRAPHIC SCALE	DESIGNED: DB	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 412
CALE:(A)	SCALE OF FEET	CEN	S1.1	BRACING FOUNDATION PLAN STABILIZE SOUTH PRISM WALL	167062
		TECH. REVIEW:			PMIS/PKG NO. 310405
		DATE: 06/12/2020			SHEET 3 of 27
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100% DRAFT CONSTRUCTION DOCUMENTS

GRAPHIC SCALE	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	412
SCALE:(B) 4 0 4 8	OMED CEN	00 A	DDACING ELEVATION	167062
SCALE OF FEET	TECH. REVIEW:	52.0	BRACING ELEVATION	PMIS/PKG NO. 310405
	- DATE: 06/12/2020		STABILIZE SOUTH PRISM WALL	SHEET 4 OF 27

