MANHOLE GROUTING

SMH NO.	PROXIMITY TO BLDG	DWG ID	LOCATION	WORK HOUR RESTRICTION LIMITS
10	SQUALIS MEMORIAL	CU-02	NON CIA	NONE
17	BLDG 162 / GOODRICH AVE	CU-03	NON CIA	0800 - 1400
18	BLDG 176 / GOODRICH AVE	CU-03	NON CIA	NONE
22	GOODRICH AVE / PARKER AVENUE	CU-03	NON CIA	NONE
40	BLDG 59	CU-02	NON CIA	NONE
42	BLDG 76	CU-02	IN CIA	1700 - 0600
45C2	BLDG 174 - 299	CU-02	IN CIA	1700 - 0600
60	BLDG 65 - 43	CU-02	NON CIA	NONE
66	DD#1 / BLDG 178	CU-02	IN CIA	1700 - 0600
100	SOUTH END OF JOHN PAUL JONES AVE	CU-01	IN CIA	1700 - 0600
103C	BLDG 300 / 288	CU-05	IN CIA	1700 - 0600
110	SOUTH END OF JOHN PAUL JONES AVE	CU-05	IN CIA	1700 - 0600

NOTES: MANHOLES EXHIBIT LEAKS BETWEEN PIPES AND PIPE OPENING
SMH 66 ALSO EXHIBITS LEAKING AT THE FLOOR - WALL INTERFACE
PROVIDE BYPASS PUMP SERVICES. SURCHARGING WILL NOT BE ALLOWED
POWERCLEAN MANHOLE SURFACE AND SHELF
SUBMIT SHOP DRAWING OF PROPOSED COATING PRODUCT AND APPLICATION PROCESS.
COATING PRODUCT SHALL FILL GAPS, SHALL BE APPLIED TO MANHOLE SHELF AND MINIMUM 2 FT OF '
PROVIDE POST-APPLICATION PHOTOS WITH CLOSE-OUT DOCUMENTATION
CIA- CONTROLLED INDUSTRIAL AREA
NON CIA = OUTSIDE OF CIA

DIG REPAIR TABLE

LOCATION ID	UPSTREAM TO DOWNSTREAM	TOTAL SEGMENT LENGTH	DISTANCE FROM UPSTREAM MH	DISTANCE FROM DOWNSTREAM MH	PIPE REPLACEMENT LENGTH	NOTES	WORK HOUR RESTRICTION LIMITS
1	SMH 45CI - 45C	110	VIDEO-CONFIRM	VIDEO-CONFIRM	20	INTENT IS TO REPLACE DISTRESSED CAST IRON PIPE LENGTH THAT SHOWS EXCESSIVE PAC-RUST DEPOSITS AND REPLACE WITH DOUBLE CEMENT LINED, CLASS 52 DUCTILE IRON. VIDEOTAPE BEFORE PLANNING EXCAVATION TO CONFIRM EXTENT. DIG REPAIR SMH 45C1 - 45C IS ADJACENT TO THE I.R. ZONE. NO WORK IS ALLOWED IN THE I.R. ZONE.	1700 - 0600
2	BLDG 65 SERVICE TO SMH 65	50	35	0	15	INTENT IS TO REPLACE BROKEN JOINT AT 2 FT FROM SMH 65 AND ONE AC PIPE SECTION ASSUMED TO BE 13 FT. LONG. DIG REPAIR BLDG 65 - SMH 65 IS WITHIN THE ARCHEOLOGICAL POTENTIAL ZONE. REFER TO SPECIFICATIONS FOR EXCAVATION ACTIVITES IN THIS AREA.	0800 - 1400

CURED-IN-PLACE PIPE LINING (CIPPL) AND SPOT REPAIR (CIPSR) TABLE

	ITEM DESCRIPTION (UPSTREAM TO DOWNSTREAM)	ESTIMATED DEPTH (FT)	DWG ID	LOCATION	UNIT	GMP DIA/MTRL	6" VCP	8" AC	8" VCP	10" AC	12" AC	19" AC	CIPSR RANGE	WORK HOUR RESTRICTION LIMITS
	CURED IN PLACE PIPE LINING (CIPPL)													
A	CIPPL - SMH 15B2 - 15B1	8	CU03	IN CIA	LF	8 AC		30						1700 - 0600
B	CIPPL - SMH 15B3 - 15B2	7.5	CU03	IN CIA	LF	8 AC		80						1700 - 0600
C	CIPPL - SMH 17 - 16	9.5	CU03	NON CIA	LF	18 AC						75		0800 - 1400
D	CIPPL - SMH 19A - 19	9	CU03	NON CIA	LF	8 AC		120						NONE
E	CIPPL - SMH 23A - 23	7	CU03	NON CIA	LF	12 AC					130			0900 - 1600
F	CIPPL - SMH 23E1 - 23	8	CU03	NON CIA	LF	8 AC		150						0900 - 1600
G	CIPPL - SMH 23F - 23E	5.5	CU04	NON CIA	LF	8 AC		335						0900 - 1600
H	CIPPL - SMH 23C4 - 23C3	5	CU04	NON CIA	LF	8 AC		105						0900 - 1600
I	CIPPL - SMH 25C - 25U	5	CU03	NON CIA	LF	12 AC					15			NONE
J	CIPPL - SMH 28B - 28C	8	CU-03	NON CIA	LF	8 VCP			155					NONE
K	CIPPL - SMH 31C - 31B	5.5	CU05	NON CIA	LF	8 AC		70						NONE
L	CIPPL - SMH 32 - 31	5.5	CU05	NON CIA	LF	10 AC				175				NONE
M	CIPPL - SMH 32B - 32A	6	CU05	NON CIA	LF	6 VCP	195							NONE
N	CIPPL - SMH 40 - 5	21	CU02	IN CIA	LF	12 AC					165			1700 - 0600
O	CIPPL - SMH 44 - 43	13.5	CU02	IN CIA	LF	10 AC		140						1700 - 0600
P	CIPPL - SMH 47A2 - 46	8.5	CU02	IN CIA	LF	10 AC				195				1700 - 0600
Q	CIPPL - SMH 47B1 - 47A	6.5	CU02	IN CIA	LF	10 AC				120				1700 - 0600
R	CIPPL - SMH 49 - 48	8	CU02	IN CIA	LF	10 AC				110				1700 - 0600
S	CIPPL - SMH 50B - 50A	7.5	CU02	IN CIA	LF	8 AC		90						1700 - 0600
T	CIPPL - SMH 52A - 52	6.5	CU02	IN CIA	LF	8 VCP			105					1700 - 0600
U	CIPPL - SMH 53 - 52A	6.5	CU02	IN CIA	LF	8 AC		120						1700 - 0600
V	CIPPL - SMH 54 - 53	6	CU02	IN CIA	LF	8 AC		140						1700 - 0600
W	CIPPL - SMH 54A - 54	5.5	CU02	IN CIA	LF	8 AC		50						1700 - 0600
X	CIPPL - SMH 70 - 11	16.5	CU03	NON CIA	LF	8 AC		220						NONE
Y	CIPPL - SMH 72 - 71	10	CU03	IN CIA	LF	8 AC		155						1700 - 0600
Z	CIPPL - SMH 72A1 - 72	9	CU03	IN CIA	LF	8 AC		125						1700 - 0600
AA	CIPPL - SMH 83 - 82	11.5	CU03	NON CIA	LF	8 AC		125						NONE
BB	CIPPL - SMH 93 - 92	8	CU03	NON CIA	LF	10 AC				225				0800 - 1400
CC	CIPPL - SMH 95C1 - 94	7	CU05	NON CIA	LF	8 AC		45						NONE
DD	CIPPL - SMH 103E - 103D	10.5	CU05	IN CIA	LF	8 AC		45						1700 - 0600
EE	CIPPL - SMH 103F - 103E	10.5	CU03	IN CIA	LF	8 AC		55						1700 - 0600
	CURED IN PLACE SPOT REPAIR (CIPSR)													
FF	CIPSR - Segment of 3A - 3 - 8"Ø	12.5	CU03	NON CIA	LF	8 AC		8					102-110	NONE
GG	CIPSR - Segment of 9 - 8 - 19"Ø	18	CU02	NON CIA	LF	19 AC-CI						8	6-14	0800 - 1400
HH	CIPSR - Segment of 14 - 12 - 18"Ø	16	CU03	NON CIA	LF	19 AC						8	5-13	NONE
							195	2200	260	825	310	91		

TOTAL: **3881**

NOTES: SEWER LENGTHS TAKEN FROM VIDEO REPORTS BY GREEN MOUNTAIN PIPELINE, INC. (GMP) IN 2012
SMH #47B1 IS NOT DESIGNATED ON THE TOTAL MAP. (THIS SMH IS UNLABELED)

ESTIMATED DEPTHS ARE TO INVERT OF PIPE. DEPTHS ESTIMATED FROM 1965 PNSY SEWER PLANS.
CONTRACTOR SHALL VERIFY ALL DEPTHS PRIOR TO CIPP LINING SUBMITTALS

REV 1 (TYP)

STM	DESCRIPTION	DATE	APPR
1	ADD EST. DEPTH CONNECTED PIPE SIZE, ADDED NOTES	2/04/2016	DAL
0	ISSUE OF BID DOCUMENT	9/15/2015	DAL

NAVFAC

STATE OF MAINE DAVID A. LEWIS No. 9595 LICENSED PROFESSIONAL ENGINEER

JV CASCO BAY ENGINEERING

A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE

DES DAL | DRW ACD | CHK HJM
PM/DM ROGER ROY
BRANCH MANAGER
FEAD/PM&E
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS DEPARTMENT - MAINE
PORTSMOUTH NAVAL SHIPYARD

NAVAL FACILITIES ENGINEERING COMMAND – MID-ATLANTIC
NAVAL SHIPYARD – PORTSMOUTH, NH
KITTERY, MAINE

RMe REPAIRS SEWER SYSTEM
BASE WIDE, RM14–0198

GENERAL NOTES SHEET 2

EPROJECT NO.: 1368463
CONSTR. CONTR. NO. N40085–##–###–####
NAVFAC DRAWING NO. 12706249
SHEET 3 OF 10
GC102 | SS-15-259

DRAWFORM REVISION: 10 OCTOBER 2014

FILE NAME: F:\Proj2015\150155 FY 16 eMMP Project NAVFA\Civil\Drawings\JV COVERS 2011.dwg LAYOUT NAME: GC102-SEWER PLOTTED: Thursday, February 04, 2016 - 11:52am USER: cdryd