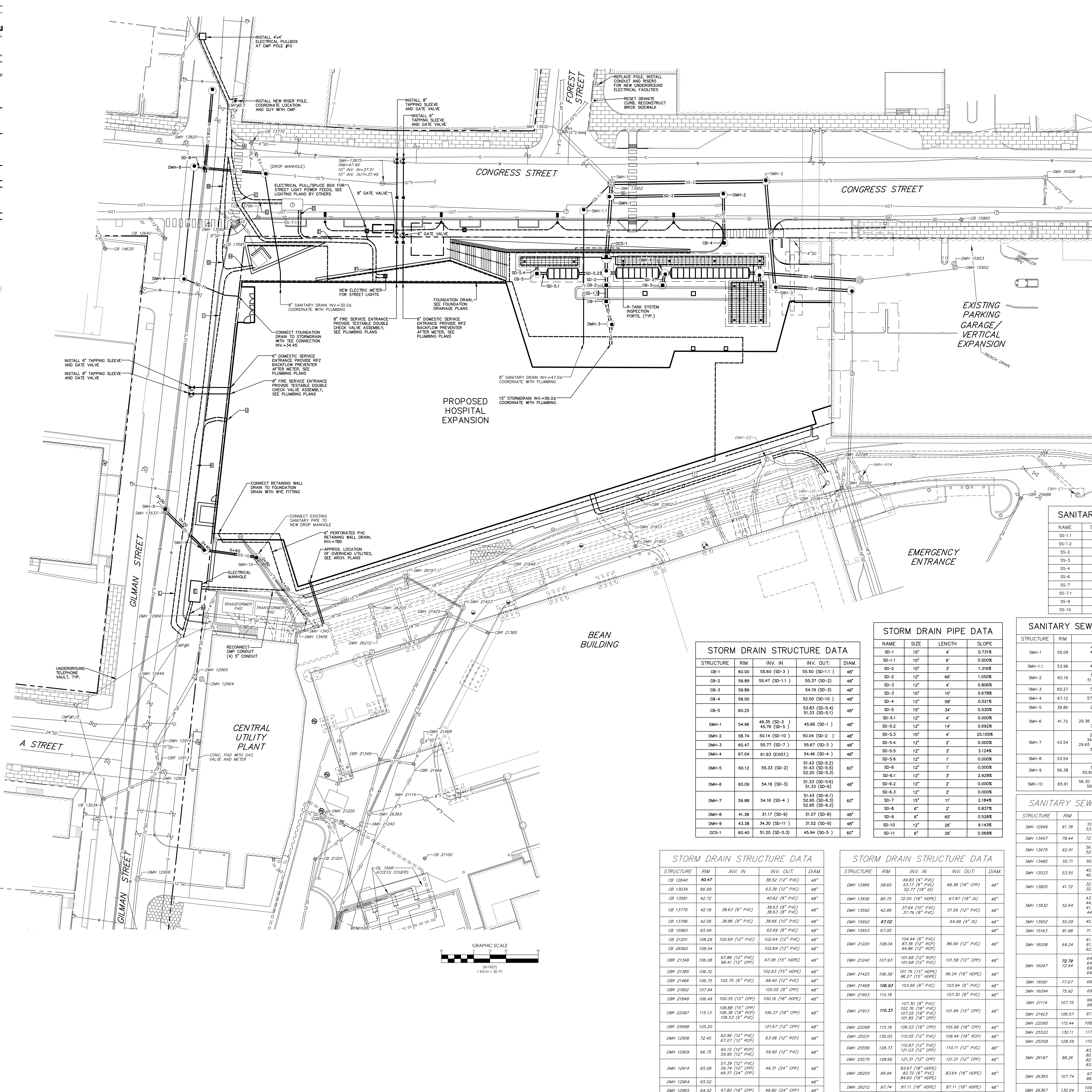


LEGEND

EXISTING	DESCRIPTION	PROPOSED
---	PROPERTY LINE/R.O.W.	---
---	ABUTTER LINE/R.O.W.	---
---	BUILDING	---
---	EDGE PAVEMENT	---
---	PAVEMENT SAWCUT	---
---	EDGE CONCRETE	---
---	CURB LINE	---
---	CONTOURS	---
---	SPOT GRADE	---
---	RETAINING WALL	---
---	DECIDUOUS TREE	---
---	CONIFEROUS TREE	---
---	SIGN	---
---	GAS	---
---	GAS GATE VALVE	---
---	GAS METER	---
---	GAS MANHOLE	---
---	WATER	---
---	WATER GATE VALVE	---
---	WATER SHUT OFF	---
---	HYDRANT	---
---	WATER MANHOLE	---
---	SANITARY SEWER	---
---	SANITARY MANHOLE	---
---	STORM DRAIN	---
---	UNDER DRAIN	---
---	DRAINAGE MANHOLE	---
---	CATCH BASIN	---
---	OVERHEAD UTILITY	---
---	UNDERGROUND UTILITY	---
---	TRANSFORMER PAD	---
---	ELECTRICAL MANHOLE	---
---	TELEPHONE MANHOLE	---
---	LIGHT POLE	---
---	UTILITY POLE	---
---	GUY WIRE	---
---	RIPRAP	---
---	INLET PROTECTION	---
---	PAVEMENT RECONSTRUCTION	---

DUCT BANK LEGEND

- DUCT BANK "A"**
 - (2) 2" CONDUIT (CMP, CITY OF PORTLAND) STREET LIGHT
 - (2) 4" CONDUIT (MWC)
 - (5) 4" CONDUIT (MWC)
 - (3) 4" CONDUIT (SPECTRUM CATV)
 - (2) 4" CONDUIT (FAIRPOINT)
- DUCT BANK "B"**
 - (3) 4" CONDUIT (SPECTRUM CATV)
 - (4) 4" CONDUIT (FAIRPOINT)
- DUCT BANK "C"**
 - (2) 2" CONDUIT (CMP) FOR STREET LIGHTING
 - (4) 4" CONDUIT (MWC)
 - (2) 4" CONDUIT (FAIRPOINT)
 - (4) 4" CONDUIT (MWC)
- DUCT BANK "D"**
 - (2) 4" CONDUIT (FAIRPOINT)
 - (2) 2" CONDUIT (CMP, CITY OF PORTLAND)
 - (4) 4" CONDUIT (MWC)
- DUCT BANK "E"**
 - (2) 4" CONDUIT (FAIRPOINT)
 - (2) 4" CONDUIT (MWC)
- DUCT BANK "F"**
 - (3) 4" CONDUIT (SPECTRUM CATV)
 - (3) 5" CONDUIT (CMP)
- DUCT BANK "G"**
 - (4) EXISTING CONDUIT (FAIRPOINT) TO POLE 7 EXTEND TO POLE 5 IN DUCT BANK 145-M
 - (3) 4" CONDUIT (SPECTRUM CATV)
 - (3) 5" CONDUIT (CMP)
 - (2) 4" CONDUIT (FAIRPOINT)
- DUCT BANK "H"**
 - (1) 4" CONDUIT (SPECTRUM)
- DUCT BANK "I"**
 - (3) 4" CONDUIT (SPECTRUM CATV)
 - (4) 4" CONDUIT (MWC)
 - (2) 4" CONDUIT (FAIRPOINT) FROM CABINET TO POLE 5
 - (2) 4" CONDUIT (FAIRPOINT) FROM POLE 5 TO BUILDING
- DUCT BANK "J"**
 - (3) 4" CONDUIT (SPECTRUM CATV)
 - (4) 4" CONDUIT (MWC)
 - (2) 4" CONDUIT (FAIRPOINT) FROM POLE 5 TO BUILDING
 - (3) 5" CONDUIT (CMP)



SANITARY SEWER PIPE DATA

NAME	SIZE	LENGTH	SLOPE
SS-1.1	8"	20'	0.596%
SS-1.2	8"	61'	0.500%
SS-2	18"	92'	6.603%
SS-3	15"	62'	1.511%
SS-4	15"	43'	4.068%
SS-6	12"	44'	0.518%
SS-7.1	12"	33'	0.576%
SS-7.1	8"	60'	0.498%
SS-9	12"	31'	12.924%
SS-10	12"	29'	13.857%

STORM DRAIN PIPE DATA

NAME	SIZE	LENGTH	SLOPE
SD-1	15"	4'	0.731%
SD-1.1	15"	6'	0.500%
SD-2	15"	3'	1.316%
SD-2	12"	66'	1.050%
SD-3	12"	4'	0.808%
SD-3	15"	10'	0.678%
SD-4	12"	58'	0.521%
SD-5	15"	34'	0.530%
SD-5.1	12"	4'	0.000%
SD-5.2	12"	14'	0.692%
SD-5.3	15"	4'	25.105%
SD-5.4	12"	2'	0.000%
SD-5.5	12"	3'	3.124%
SD-5.6	12"	1'	0.000%
SD-6	12"	1'	0.000%
SD-6.1	12"	3'	2.928%
SD-6.2	12"	2'	0.000%
SD-6.3	12"	2'	0.000%
SD-7	15"	11'	2.184%
SD-8	6"	2'	0.837%
SD-9	6"	85'	0.528%
SD-10	12"	26'	9.143%
SD-11	6"	26'	0.568%

SANITARY SEWER STRUCTURE DATA

STRUCTURE	RIM	INV. IN	INV. OUT:	DIAM.
SMH-1	55.09	44.71 (SS-2)	46.87 (SS-1.1)	48"
SMH-1.1	53.96	47.09 (SS-1.2)	45.63 (SD-1)	48"
SMH-2	60.19	51.21 (SS-3)	50.77 (SS-2)	48"
SMH-3	60.27	52.24 (SS-4)	52.14 (SS-3)	48"
SMH-4	67.12	57.95 (SS-1065)	54.00 (SS-4)	48"
SMH-5	39.80	29.03 (SS-6)	29.03 (SS-6)	48"
SMH-6	41.72	29.36 (SS-7)	29.26 (SS-6)	48"
SMH-7	43.54	29.45 (SS-7.1)	29.55 (SS-7)	48"
SMH-8	53.54	46.50 (SS-9)	44.38 (SS-9)	48"
SMH-9	56.38	50.62 (SS-10)	50.50 (SS-9)	48"
SMH-10	65.91	56.30 (SS-13457)	56.20 (SS-10)	48"

STORM DRAIN STRUCTURE DATA

STRUCTURE	RIM	INV. IN	INV. OUT:	DIAM.
CB 12640	40.47	38.52 (12" PVC)	38.52 (12" PVC)	48"
CB 13034	66.99	63.39 (12" PVC)	63.39 (12" PVC)	48"
CB 13581	42.72	40.62 (8" PVC)	40.62 (8" PVC)	48"
CB 13770	42.18	38.63 (6" PVC)	38.63 (6" PVC)	48"
CB 13796	42.56	38.66 (6" PVC)	38.66 (6" PVC)	48"
CB 15960	65.99	62.69 (8" PVC)	62.69 (8" PVC)	48"
CB 21201	108.29	102.69 (12" PVC)	102.64 (12" PVC)	48"
CB 26560	108.84	102.89 (12" PVC)	102.89 (12" PVC)	48"
CB 21349	108.08	97.88 (12" PVC)	97.08 (15" HDPE)	48"
CB 21466	106.75	102.75 (12" PVC)	102.63 (15" HDPE)	48"
CB 21466	106.75	102.75 (6" PVC)	99.40 (12" PVC)	48"
CB 21602	107.94	105.05 (8" CPP)	105.05 (8" CPP)	48"
CB 21648	106.49	100.35 (15" CPP)	100.16 (18" HDPE)	48"
CB 22087	115.13	108.88 (15" CPP)	106.37 (18" CPP)	48"
CB 25688	125.20	121.67 (12" RCP)	121.67 (12" RCP)	48"
DMH 12906	72.45	63.26 (12" PVC)	63.08 (12" RCP)	48"
DMH 12909	66.75	60.15 (12" RCP)	59.90 (12" PVC)	48"
DMH 12914	65.09	57.39 (12" PVC)	59.74 (10" CPP)	48"
DMH 12964	65.52	49.37 (24" CPP)	49.31 (24" CPP)	48"
DMH 12965	64.52	47.80 (18" CPP)	49.80 (24" CPP)	48"

STORM DRAIN STRUCTURE DATA

STRUCTURE	RIM	INV. IN	INV. OUT:	DIAM.
DMH 12966	58.60	49.83 (4" PVC)	48.38 (18" CPP)	48"
DMH 13456	80.75	72.05 (18" HDPE)	67.87 (18" DI)	48"
DMH 15592	42.89	37.64 (10" PVC)	37.59 (12" PVC)	48"
DMH 15592	67.02	37.79 (8" PVC)	64.96 (4" DI)	48"
DMH 15953	67.00	64.96 (4" DI)	64.96 (4" DI)	48"
DMH 21220	108.04	104.44 (8" PVC)	86.99 (12" PVC)	48"
DMH 21240	107.93	101.68 (12" RCP)	101.68 (12" RCP)	48"
DMH 21425	108.58	101.79 (15" HDPE)	96.24 (18" HDPE)	48"
DMH 21468	106.93	103.99 (6" PVC)	103.94 (6" PVC)	48"
DMH 21903	110.18	107.30 (8" PVC)	107.30 (8" PVC)	48"
DMH 22098	115.18	108.03 (18" CPP)	105.99 (18" CPP)	48"
DMH 25531	130.05	110.05 (12" PVC)	109.44 (18" RCP)	48"
DMH 25556	128.73	110.87 (12" PVC)	110.11 (12" PVC)	48"
DMH 25575	128.66	121.31 (12" CPP)	121.21 (12" CPP)	48"
DMH 26205	89.94	83.62 (18" HDPE)	83.64 (18" HDPE)	48"
DMH 26205	89.94	83.72 (6" PVC)	83.64 (18" HDPE)	48"
DMH 26212	97.74	87.11 (18" HDPE)	87.11 (18" HDPE)	48"

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 COST ESTIMATOR
 D.G. Jones International
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 MEDICAL EQUIPMENT PLANNING
 Mitchell Planning
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PROJECT TITLE
Congress Street Building
 22 Bramhall Street
 Portland ME 04102

KEY PLANS
 PROJECT KEY PLAN
 VISITOR GARAGE
 BEAN BUILDING
 OVERALL KEY PLAN
 1- NOT USED
 2- CONGRESS STREET
 3- VISITOR GARAGE
 4- EAST TOWER
 5- CENTRAL UTILITY PLANT
 6- BEAN BUILDING
 7- RICHARDS BUILDING
 8- MAINE GENERAL BUILDING

CITY SUBMITTAL NO. 2
 OCTOBER 30, 2018

NO	CITY SUBMITTAL	ISSUE	DATE
2	CITY SUBMITTAL	19302018	

Job Number 152189.000
 Drawn MAL/AMM
 Checked DLR
 Approved DLR

TITLE
UTILITY PLAN
CONGRESS STREET
EXPANSION

SHEET NUMBER
C11-01
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