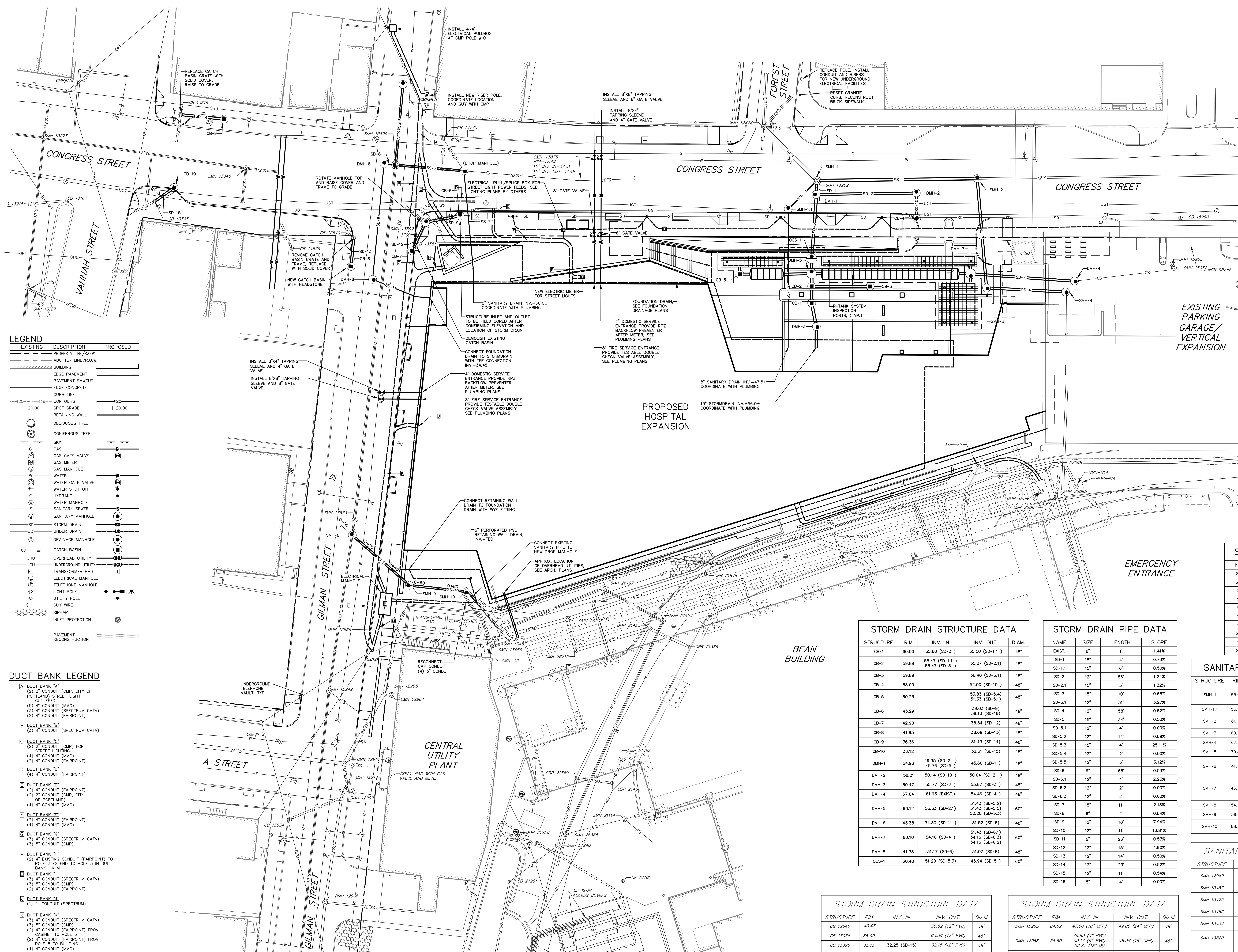


DECEMBER 10, 2018

NO.	ISSUE	DATE
Job Number	152189.000	
Drawn	MALAMAM	
Checked	DLR	
Approved	DLR	

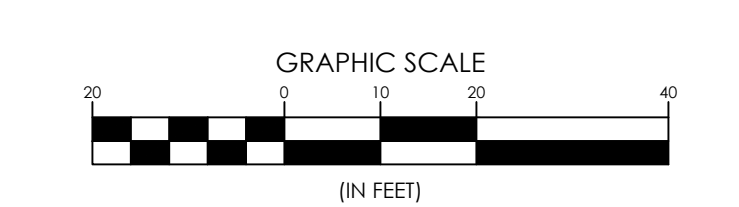


**LEGEND**

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	---
---	SUN WIRE	---
---	RRRIP	---
---	INLET PROTECTION	---
---	PAVEMENT RECONSTRUCTION	---

**DUCT BANK LEGEND**

DB-1	DUCT BANK "A" (2) 2" CONDUIT (CMP, CITY OF PORTLAND) STREET LIGHT GUY FEED
DB-2	DUCT BANK "A" (2) 2" CONDUIT (CMP) FOR STREET LIGHTING
DB-3	DUCT BANK "A" (3) 4" CONDUIT (SPECTRUM CATV) (2) 4" CONDUIT (FAIRPOINT)
DB-4	DUCT BANK "A" (4) 4" CONDUIT (FAIRPOINT)
DB-5	DUCT BANK "A" (2) 2" CONDUIT (CMP) FOR STREET LIGHTING
DB-6	DUCT BANK "A" (2) 2" CONDUIT (CMP, CITY OF PORTLAND) (4) 4" CONDUIT (MMC)
DB-7	DUCT BANK "A" (2) 2" CONDUIT (FAIRPOINT) (4) 4" CONDUIT (MMC)
DB-8	DUCT BANK "A" (2) 2" CONDUIT (FAIRPOINT) (3) 4" CONDUIT (SPECTRUM CATV) (3) 5" CONDUIT (CMP)
DB-9	DUCT BANK "A" (2) 2" CONDUIT (FAIRPOINT) TO POLE 7 EXTEND TO POLE 5 IN DUCT BANK I-H-W
DB-10	DUCT BANK "A" (3) 4" CONDUIT (SPECTRUM CATV) (3) 5" CONDUIT (CMP) (2) 4" CONDUIT (FAIRPOINT)
DB-11	DUCT BANK "A" (3) 4" CONDUIT (SPECTRUM CATV) (3) 5" CONDUIT (CMP)
DB-12	DUCT BANK "A" (3) 4" CONDUIT (SPECTRUM CATV) (3) 5" CONDUIT (CMP) (2) 4" CONDUIT (FAIRPOINT)
DB-13	DUCT BANK "A" (3) 4" CONDUIT (SPECTRUM CATV) (3) 5" CONDUIT (CMP) (2) 4" CONDUIT (FAIRPOINT)
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DB-100	DUCT BANK "A" (3) 4" CONDUIT (SPECTRUM CATV) (3) 5" CONDUIT (CMP) (2) 4" CONDUIT (FAIRPOINT)



**STORM DRAIN STRUCTURE DATA**

STRUCTURE	RIM	INV. IN.	INV. OUT.	DIAM.
CB-1	60.00	55.60 (SD-3)	55.90 (SD-1.1)	48"
CB-2	59.89	55.47 (SD-1.1)	55.37 (SD-2.1)	48"
CB-3	59.89	55.47 (SD-3.1)	55.48 (SD-3.1)	48"
CB-4	58.00		52.00 (SD-10)	48"
CB-5	60.25	53.83 (SD-5.4)	51.33 (SD-5.1)	48"
CB-6	43.29	39.03 (SD-9)	39.13 (SD-16)	48"
CB-7	42.90		38.54 (SD-12)	48"
CB-8	41.95		38.69 (SD-13)	48"
CB-9	36.36		31.43 (SD-14)	48"
CB-10	36.12		32.31 (SD-15)	48"
DMH-1	54.96	49.35 (SD-2)	45.78 (SD-5)	48"
DMH-2	58.21	50.14 (SD-10)	50.04 (SD-2)	48"
DMH-3	60.47	55.77 (SD-7)	55.67 (SD-3)	48"
DMH-4	67.04	61.93 (EXIST)	54.46 (SD-4)	48"
DMH-5	60.12	55.33 (SD-2.1)	51.43 (SD-5.2)	60"
DMH-6	43.38	34.30 (SD-11)	31.52 (SD-6)	48"
DMH-7	60.10	54.16 (SD-4)	51.43 (SD-6.1)	60"
DMH-8	41.38	31.17 (SD-6)	31.07 (SD-8)	48"
OCS-1	60.40	51.20 (SD-5.3)	45.94 (SD-5)	60"

**STORM DRAIN PIPE DATA**

NAME	SIZE	LENGTH	SLOPE
EXIST.	8"	1'	1.81%
SD-1	15"	4'	0.73%
SD-1.1	15"	6'	0.50%
SD-2	12"	96'	1.24%
SD-2.1	15"	3'	1.32%
SD-3	15"	10'	0.68%
SD-3.1	12"	31'	3.27%
SD-4	12"	58'	0.52%
SD-5	15"	34'	0.53%
SD-5.1	12"	4'	0.00%
SD-5.2	12"	14'	0.69%
SD-5.3	15"	4'	25.11%
SD-5.4	12"	2'	0.00%
SD-5.5	12"	3'	3.12%
SD-6	6"	65'	0.53%
SD-6.1	12"	4'	2.23%
SD-6.2	12"	2'	0.00%
SD-6.3	12"	2'	0.00%
SD-7	15"	11'	2.18%
SD-8	8"	2'	0.84%
SD-9	12"	18'	7.84%
SD-10</			