

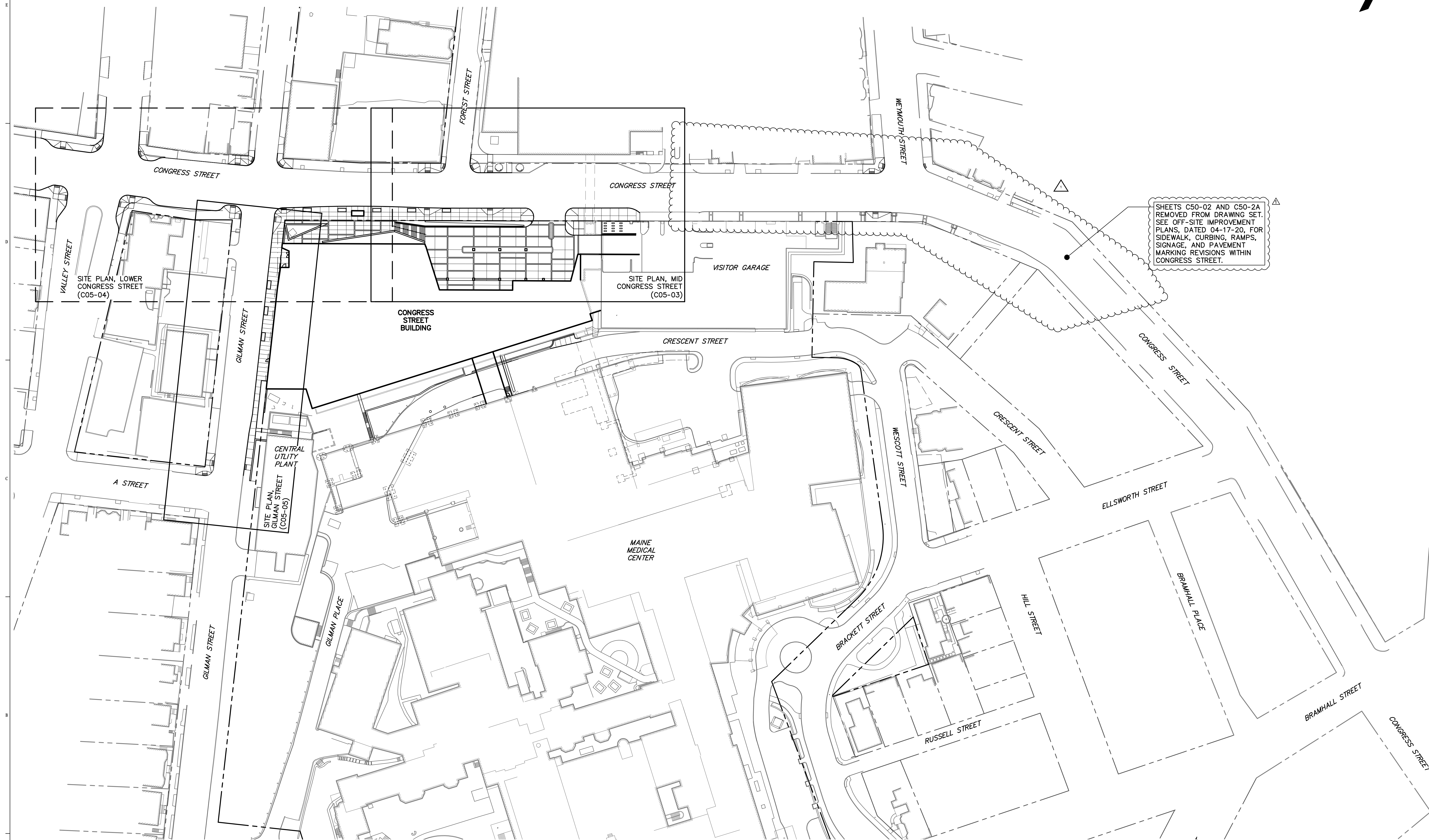
ISSUED FOR CONSTRUCTION  
November 15, 2019

NO.	ADDENDUM NO.	DATE
1		01 MAY 20
	2	

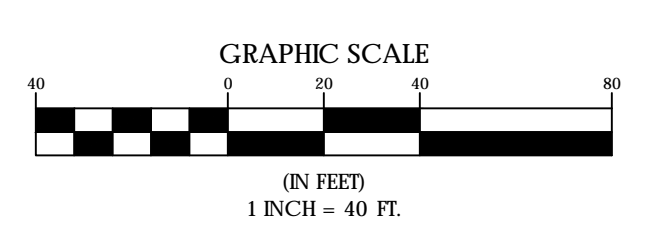
Job Number 152189.000  
Drawn MAL  
Checked DLR  
Approved DLR

TITLE  
**OVERALL SITE PLAN**

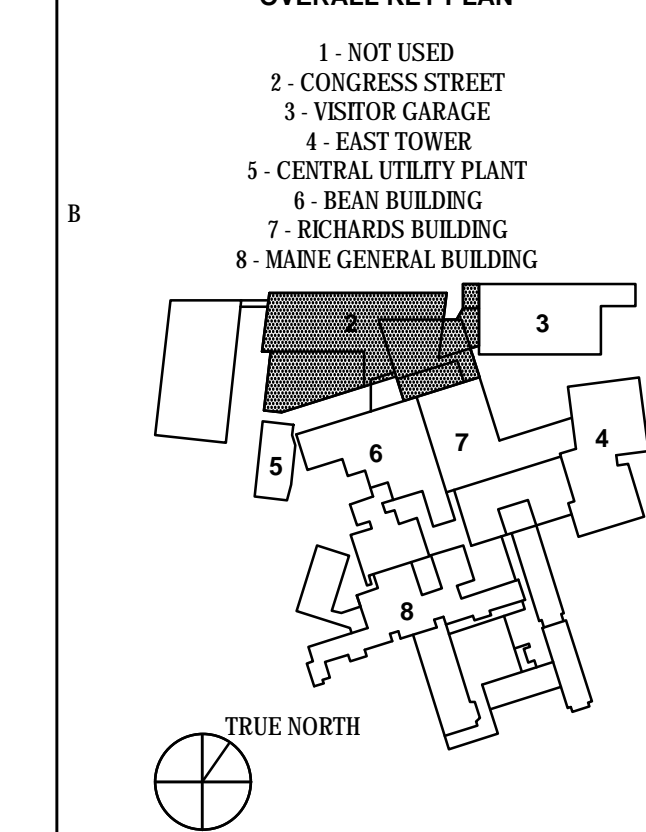
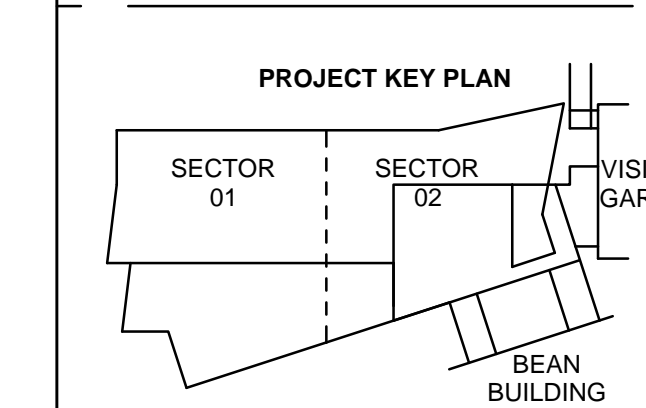
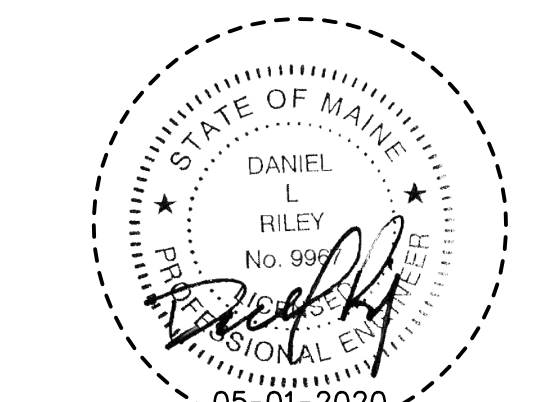
SHEET NUMBER  
**C05-01**



SHEETS C50-02 AND C50-2A REMOVED FROM DRAWING SET. SEE OFF-SITE IMPROVEMENT PLANS, DATED 04-17-20, FOR SIDEWALK, CURBING, RAMPS, SIGNAGE, AND PAVEMENT MARKING REVISIONS WITHIN CONGRESS STREET.

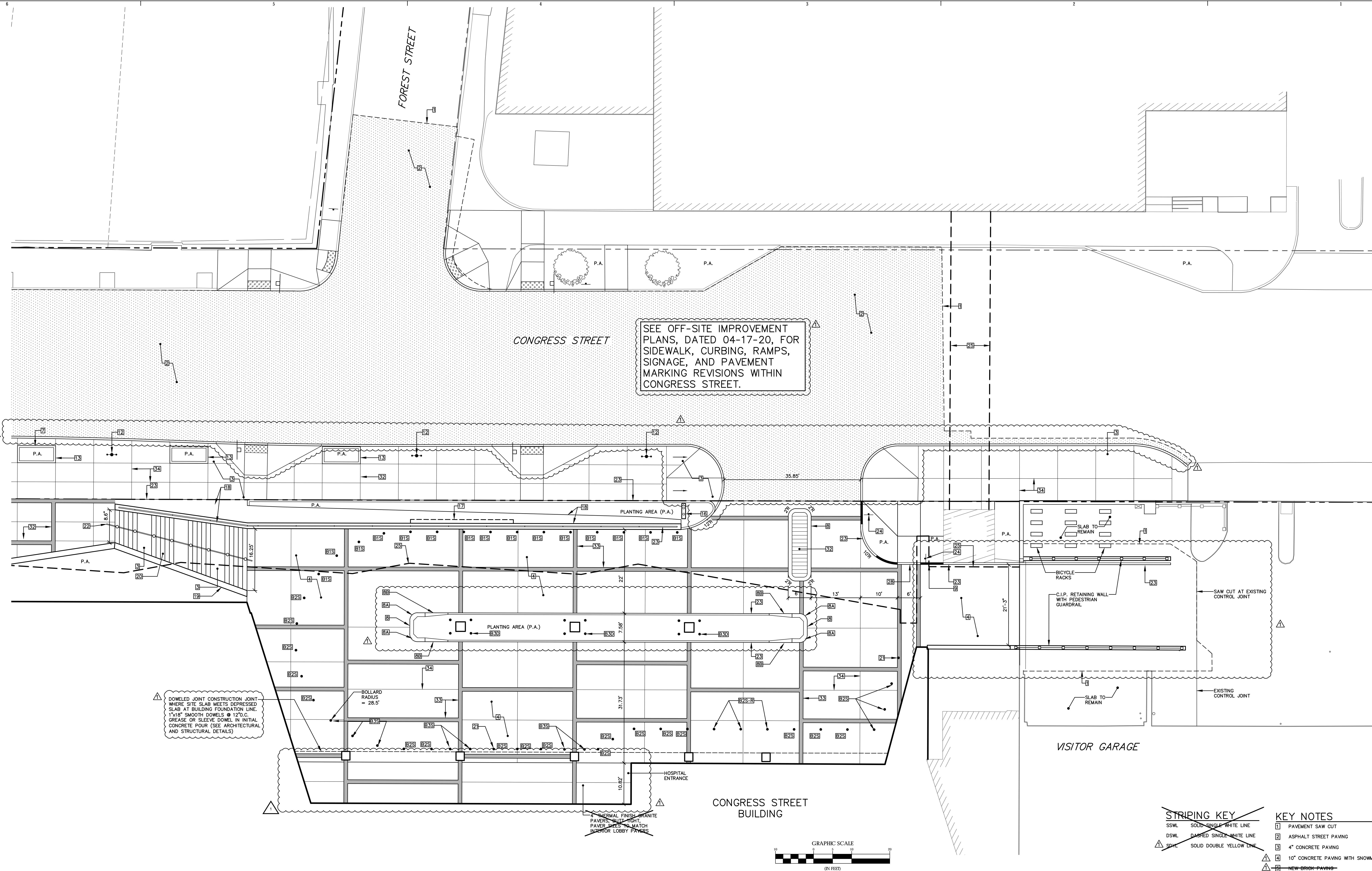
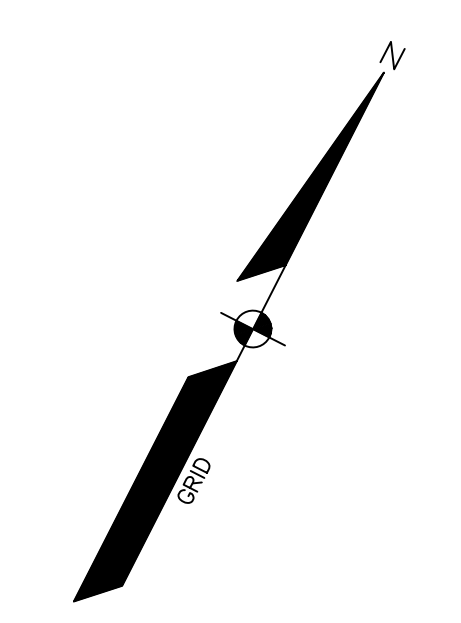






November 15, 2019

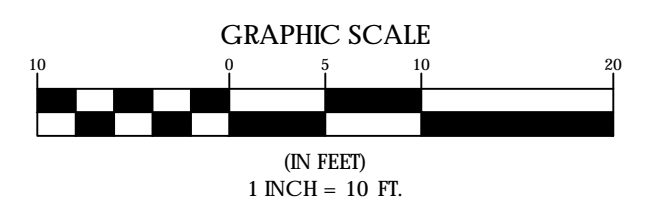
NO	ISSUE	DATE
1	ADDENDUM NO. 2	01 MAY 20
Job Number	152189.000	
Drawn	MAL	
Checked	WTC	
Approved	DLR	



SEE OFF-SITE IMPROVEMENT PLANS, DATED 04-17-20, FOR SIDEWALK, CURBING, RAMPS, SIGNAGE, AND PAVEMENT MARKING REVISIONS WITHIN CONGRESS STREET.

DOWELED JOINT CONSTRUCTION JOINT WHERE SITE SLAB MEETS DERESSED SLAB AT BUILDING FOUNDATION LINE. 1" X 1" SMOOTH DOWELS @ 12" C. GREASE OR SLEEVE DOWEL IN INITIAL CONCRETE POUR (SEE ARCHITECTURAL AND STRUCTURAL DETAILS)

HOSPITAL ENTRANCE  
NORMAL FINISH GRANITE PAVEMENT MATCH EXISTING EXTERIOR LOBBY PAVEMENT



**STRIPING KEY**

SSW	SOLID SINGLE WHITE LINE
DSW	DASHED SINGLE WHITE LINE
SSY	SOLID DOUBLE YELLOW LINE

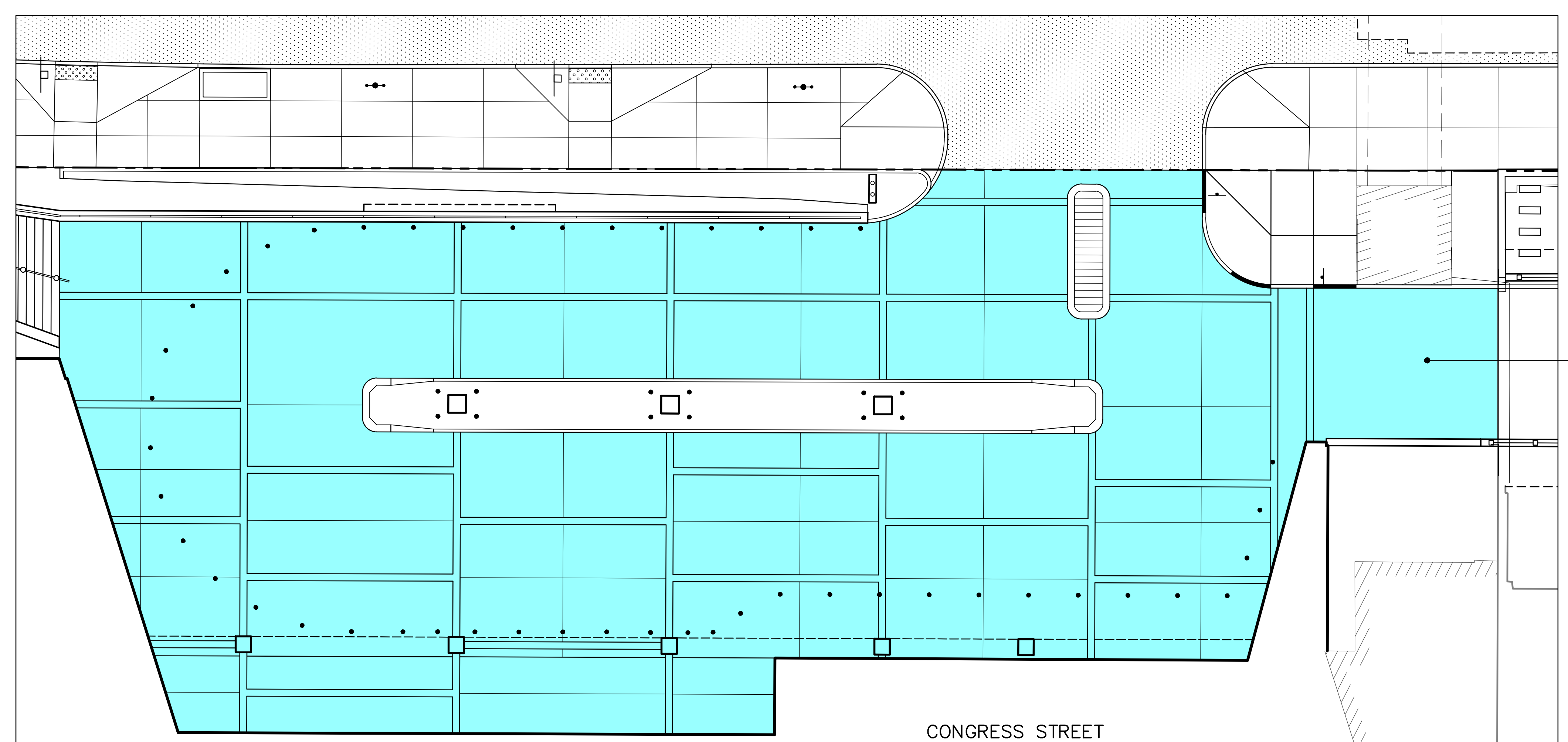
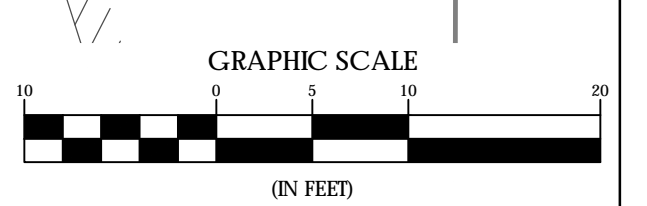
**KEY NOTES**

- 1 PAVEMENT SAW CUT
- 2 ASPHALT STREET PAVING
- 3 4" CONCRETE PAVING
- 4 10" CONCRETE PAVING WITH SNOWMELT
- 5 NEW SIGN PAVING
- 6 TACTILE WARNING PLATES 2' X 4' X 4'
- 7 RESET SALVAGED GRANITE CURB
- 8 NEW SLOPED GRANITE CURB
- 9 SLOPED GRANITE BULLNOSE CURB
- 10 TRANSITION CURB GRANITE, SLOPED TO VERTICAL
- 11 TIP DOWN GRANITE CURB
- 12 2" X 12" SOLID WHITE PAINT BAND, 4 FT. WIDE, SPACED 30' APART
- 13 4" SOLID YELLOW PAINT LINE
- 14 NEW STREET LIGHT - SEE SITE ELECTRICAL PLAN
- 15 5 FT. X 10 FT. TREE WELL - GRANITE CURB SET 6" ABOVE SIDEWALK
- 16 METRO BUS STOP LOCATION
- 17 EXISTING TELEPHONE VAULT TO REMAIN
- 18 MMC DIRECTIONAL SIGN - SEE SIGNAGE PLAN BY OTHERS
- 19 MMC PRIMARY SIGN ON BATTER WALL - SEE SIGNAGE PLAN BY OTHERS
- 20 BATTERED RETAINING WALL
- 21 18" SEAT WALL
- 22 GRANITE STAIR - 5 RISERS PER FLIGHT
- 23 STAINLESS-STEEL BOLLARD
- 24 REMOVABLE BOLLARD
- 25 STAINLESS STEEL HANDRAIL
- 26 NEW TYPE 1 GRANITE CURB SET 6" ABOVE PAVING
- 27 STOP SIGN
- 28 BUILDING CANOPY
- 29 EGRESS STAIR - SEE ARCHITECTURAL PLANS
- 30 BRIDGE CONNECTOR - SEE ARCHITECTURAL PLANS
- 31 RESET CURB FLUSH W/STREET
- 32 PARKING LEFT / NO PARKING RIGHT
- 33 PARKING RIGHT / NO PARKING LEFT
- 34 ONE-LANE-SHIELD WHITE PAINT PER MUTCD STANDARDS
- 35 2" X 12" GRANITE ACCENT BAND
- 36 3" X 12" GRANITE ACCENT BAND
- 37 SAW CUT CONTROL JOINT
- 38 METRO BUS STOP SIGN
- 39 12" WIDE PAINTED STOP BAR
- 40 CONCRETE BLOCK RETAINING WALL
- 41 UTILITY POLE TO REMAIN
- 42 POLE GUY TO REMAIN
- 43 CMP TO SET SIDEWALK GUY
- 44 BUILDING WALL EXTENSION - SEE ARCHITECTURAL PLANS
- 45 SHARED ONE-LANE-SHIELD WHITE PAINT PER MUTCD STANDARDS
- 46 LEFT TURN ARROW WHITE PAINT PER MUTCD STANDARDS
- 47 REMOVE TOP OF EXISTING BARRICADE WITH NEW BOLLARD CURB - REMOVE TOP OF EXISTING WALK STRIPING TO EXPOSE ROADWAY

**BOLLARD NOTES**

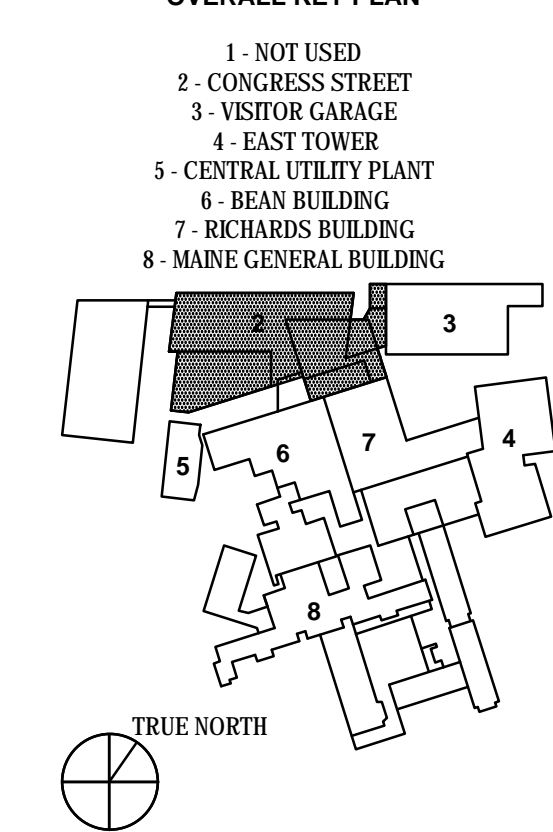
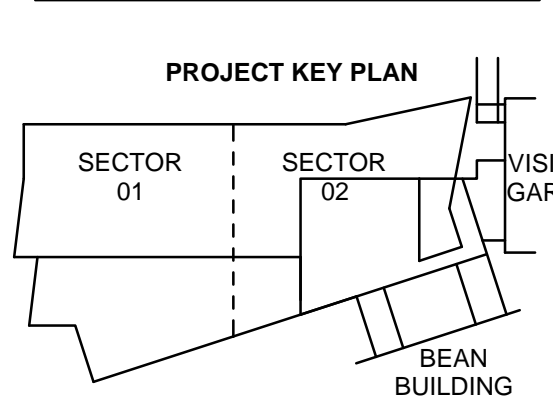
- B13 6" FIXED SAFETY BOLLARD, ASTM F3016 S10-P1 RATED, SHALLOW MOUNT, STAINLESS GIBRALTAR MODEL G-1611F
- B23 6" FIXED SAFETY BOLLARD, ASTM F3016 S30-P1 RATED, SHALLOW MOUNT, STAINLESS GIBRALTAR MODEL G-1631F
- B25-B 6" FIXED SAFETY BOLLARD, ASTM F3016 S30-P1 RATED, SHALLOW MOUNT, STAINLESS GIBRALTAR MODEL G-1631F
- B30 6" FIXED CRASH BOLLARD, ASTM F2856-15 M50-P1 CERTIFIED STAND ALONE FOUNDATION BOLLARD, STAINLESS GIBRALTAR MODEL G-1030 (12 TOTAL, FOUR BOLLARDS AT EACH COLUMN IN ISLAND)

SHADED AREA INDICATES EXTENT OF SNOW MELT SYSTEM. SEE SHEET 30-01 FOR LOCATION OF STORM DRAIN STRUCTURES.



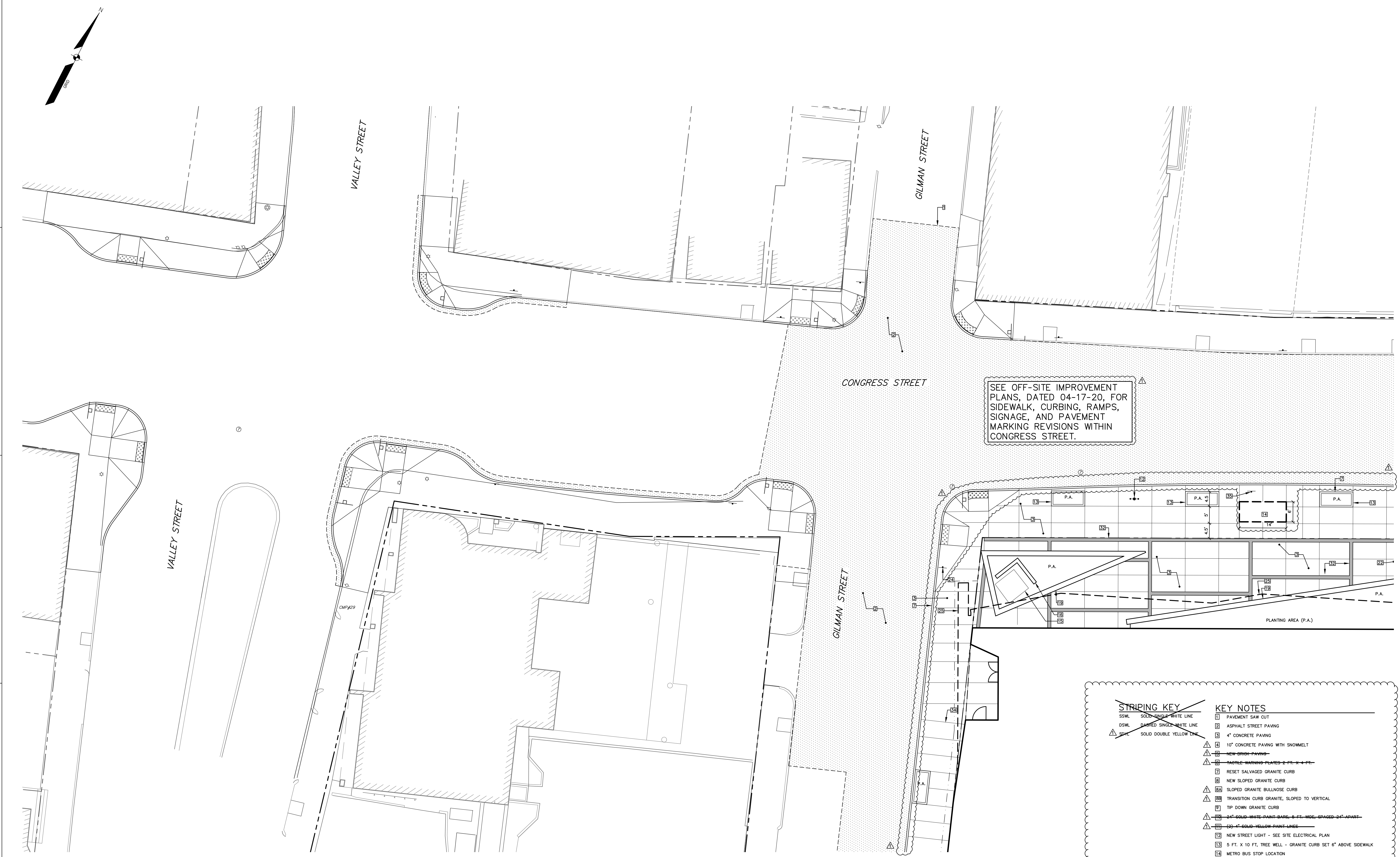
SNOW MELT DIAGRAM



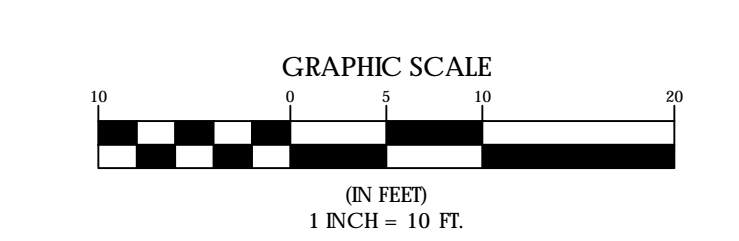


NO.	ADDENDUM NO.	DATE
1	ADDENDUM NO. 2	01 MAY 20
	ISSUE	DATE

Job Number 152189.000  
Drawn MAL  
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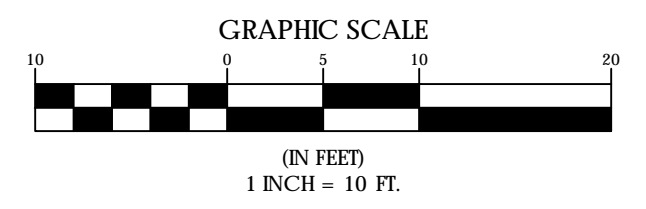
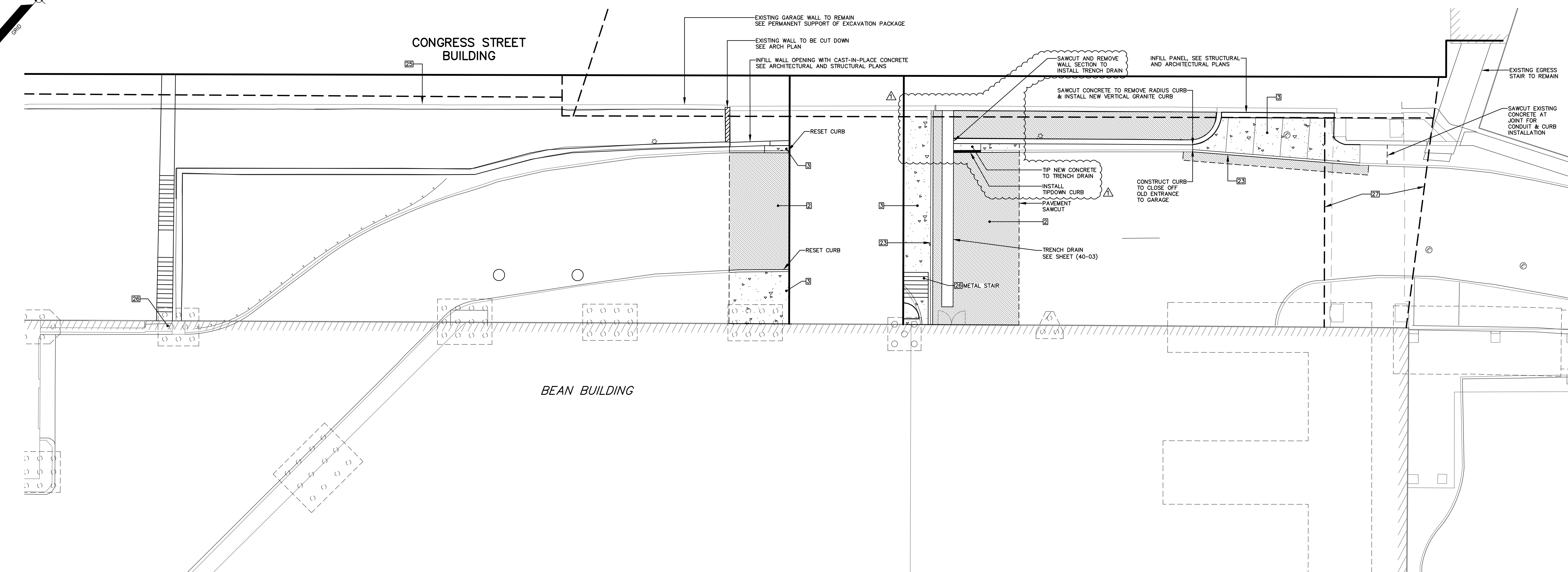
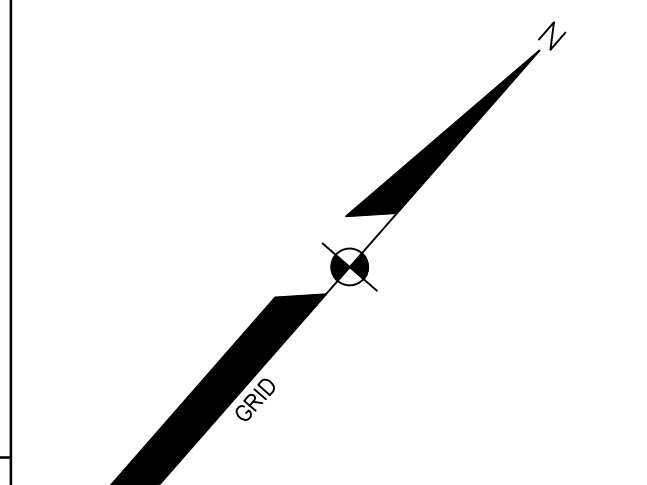
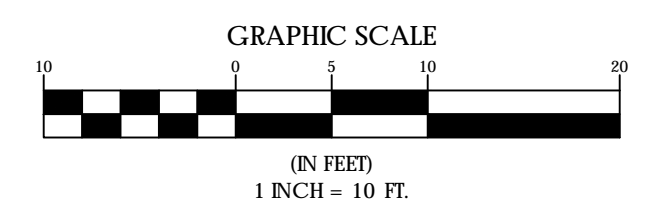
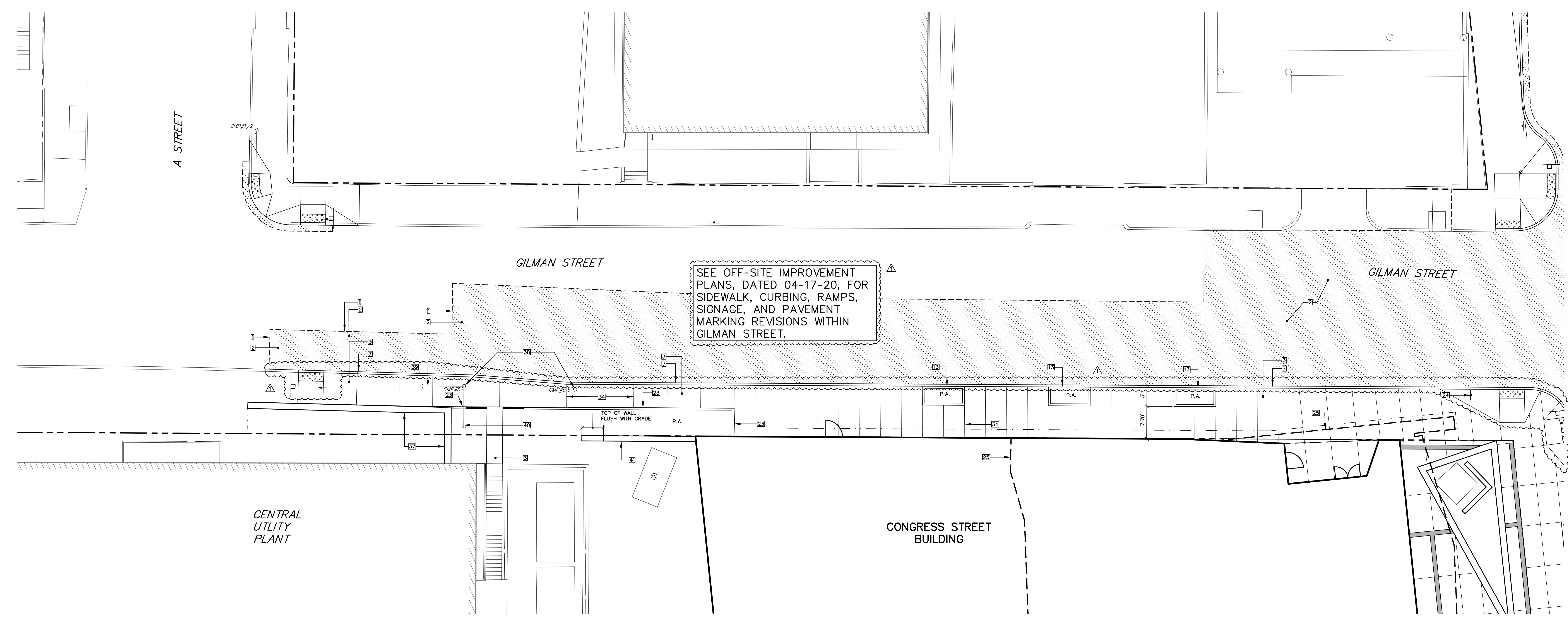


SEE OFF-SITE IMPROVEMENT PLANS, DATED 04-17-20, FOR SIDEWALK, CURBING, RAMPS, SIGNAGE, AND PAVEMENT MARKING REVISIONS WITHIN CONGRESS STREET.



STRIPING KEY		KEY NOTES	
SSWL	SOLID SINGLE WHITE LINE	1	PAVEMENT SAW CUT
ASWL	ASPHALT STREET PAVING	2	CONGRESS STREET
DSWL	DASHED SINGLE WHITE LINE	3	ASPHALT STREET PAVING
SSWL	SOLID DOUBLE WHITE LINE	4	CONCRETE PAVING
SYL	SOLID DOUBLE YELLOW LINE	5	10" CONCRETE PAVING WITH SNOWMELT
		6	NEW BRICK PAVING
		7	TACTILE WARNING PLATES 2' FT. X 3' FT.
		8	RESET SALVAGED GRANITE CURB
		9	NEW SLOPED GRANITE CURB
		10	SLOPED GRANITE BULLNOSE CURB
		11	TRANSITION CURB GRANITE, SLOPED TO VERTICAL
		12	TIP DOWN GRANITE CURB
		13	24" SOLID WHITE PAINT BARS, 6" FT. WIDE, GRADED 3/4" ABOVE
		14	6" SOLID YELLOW PAINT LINES
		15	NEW STREET LIGHT - SEE SITE ELECTRICAL PLAN
		16	5 FT. X 10 FT. TREE WELL - GRANITE CURB SET 6" ABOVE SIDEWALK
		17	METRO BUS STOP LOCATION
		18	EXISTING TELEPHONE VAULT TO REMAIN
		19	MMC DIRECTIONAL SIGN - SEE SIGNAGE PLAN BY OTHERS
		20	MMC PRIMARY SIGN ON BATTER WALL - SEE SIGNAGE PLAN BY OTHERS
		21	BATTERED RETAINING WALL
		22	18" SEAT WALL
		23	GRANITE STAIR - 5 RISERS PER FLIGHT
		24	STAINLESS STEEL BOLLARD
		25	REMOVABLE BOLLARD
		26	STAINLESS STEEL HANDRAIL
		27	NEW TYPE 1 GRANITE CURB SET 6" ABOVE PAVING
		28	STOP SIGN
		29	BUILDING CANOPY
		30	EGRESS STAIR - SEE ARCHITECTURAL PLANS
		31	BRIDGE CONNECTOR - SEE ARCHITECTURAL PLANS
		32	RESET CURB FLUSH W/STREET
		33	PARKING LEFT / NO PARKING RIGHT
		34	PARKING RIGHT / NO PARKING LEFT
		35	ONE-LANE CANTON - WHITE PAINT PER MUTCD STANDARD
		36	2' X 12" GRANITE ACCENT BAND
		37	3' X 12" GRANITE ACCENT BAND
		38	SAW CUT CONTROL JOINT
		39	METRO BUS STOP SIGN
		40	10' WHITE PAINTED STOP BAR
		41	CONCRETE BLOCK RETAINING WALL
		42	UTILITY POLE TO REMAIN
		43	POLE GUY TO REMAIN
		44	CMP TO SET SIDEWALK GUY
		45	BUILDING WALL EXTENSION - SEE ARCHITECTURAL PLANS
		46	SHARED ONE-LANE SWYMBOL - WHITE PAINT PER MUTCD STANDARD
		47	LEFT-TURN ARROW - WHITE PAINT PER MUTCD STANDARD
		48	REPLACE TOP OF GATON BASH WITH NEW COORDINATE CONC. ROLETE
		49	REMOVE TOP OF SIDEWALK STRIPING TO EXISTENT PARALLEL





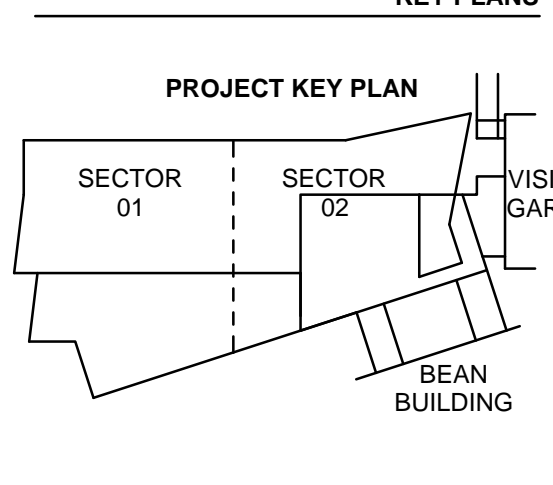
**STRIPING KEY**

- SSML SOLID SINGLE WHITE LINE
- DSML DASHED SINGLE WHITE LINE
- SDML SOLID DOUBLE YELLOW LINE

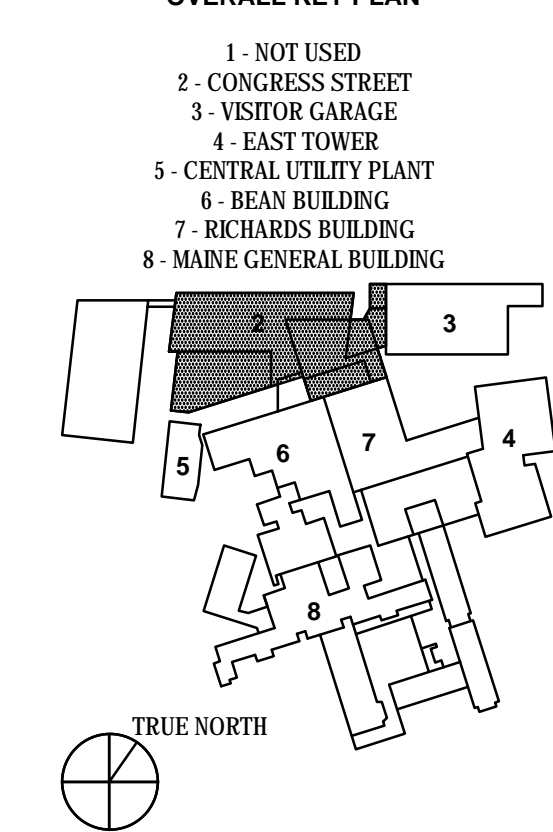
**KEY NOTES**

- 1 PAVEMENT SAW CUT
- 2 ASPHALT STREET PAVING
- 3 4" CONCRETE PAVING
- 4 10" CONCRETE PAVING WITH SNOWMELT
- 5 NEW DRAIN PAVING
- 6 TABLE WARNING PLATES 2 FT. X 4 FT.
- 7 RESET SALVAGED GRANITE CURB
- 8 NEW SLOPED GRANITE CURB
- 9 SLOPED GRANITE BULLNOSE CURB
- 10 TRANSITION CURB GRANITE, SLOPED TO VERTICAL
- 11 TIP DOWN GRANITE CURB
- 12 2" SOLID WHITE PAINT BAND, 6 FT. WIDE, SPACED 34" APART
- 13 4" SOLID YELLOW PAINT BAND
- 14 NEW STREET LIGHT - SEE SITE ELECTRICAL PLAN
- 15 5 FT. X 10 FT. TREE WELL - GRANITE CURB SET 6" ABOVE SIDEWALK
- 16 METRO BUS STOP LOCATION
- 17 EXISTING TELEPHONE VAULT TO REMAIN
- 18 MMC DIRECTIONAL SIGN - SEE SIGNAGE PLAN BY OTHERS
- 19 MMC PRIMARY SIGN ON BATTER WALL - SEE SIGNAGE PLAN BY OTHERS
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- 30 BRIDGE CONNECTOR - SEE ARCHITECTURAL PLANS
- 31 RESET CURB FLUSH W/ STREET
- 32 PARKING LEFT / NO PARKING RIGHT
- 33 PARKING RIGHT / NO PARKING LEFT
- 34 ONE-LANE-BANDS - WHITE PAINT PER AUTO-CHANGING
- 35 2" X 12" GRANITE ACCENT BAND
- 36 3" X 12" GRANITE ACCENT BAND
- 37 SAW CUT CONTROL JOINT
- 38 METRO BUS STOP SIGN
- 39 12" WHITE PAINTED STOP BAR
- 40 CONCRETE BLOCK RETAINING WALL
- 41 UTILITY POLE TO REMAIN
- 42 POLE GUY TO REMAIN
- 43 CMP TO SET SIDEWALK GUY
- 44 BUILDING WALL EXTENSION - SEE ARCHITECTURAL PLANS
- 45 SHARED-SIDE-LINE SYMBOL - WHITE PAINT PER AUTO-CHANGING
- 46 LEFT-RUN ARROW - WHITE PAINT PER AUTO-CHANGING
- 47 REPAIR TOP OF CURB WITH NEW CONCRETE JOINT - ROTATE COVER OUT OF CROSSWALK STRIPING TO EXTENT PRACTICABLE

**KEY PLANS**



**OVERALL KEY PLAN**



**ISSUED FOR CONSTRUCTION**  
November 15, 2019

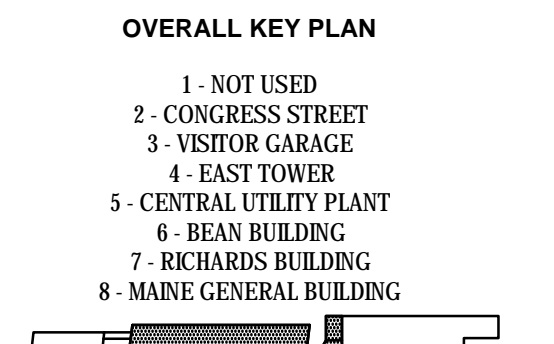
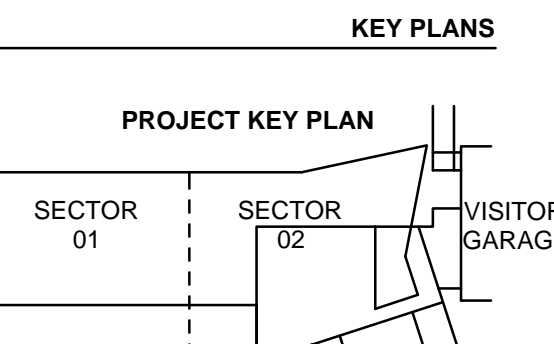
NO	ISSUE	DATE
1	ADDENDUM NO. 2	01 MAY 20

Job Number 152189.000  
Drawn MAL  
Checked WTC  
Approved DLK

TITLE  
**SITE PLAN,  
GILMAN STREET**

SHEET NUMBER  
**C05-05**





ISSUED FOR CONSTRUCTION  
 November 15, 2019

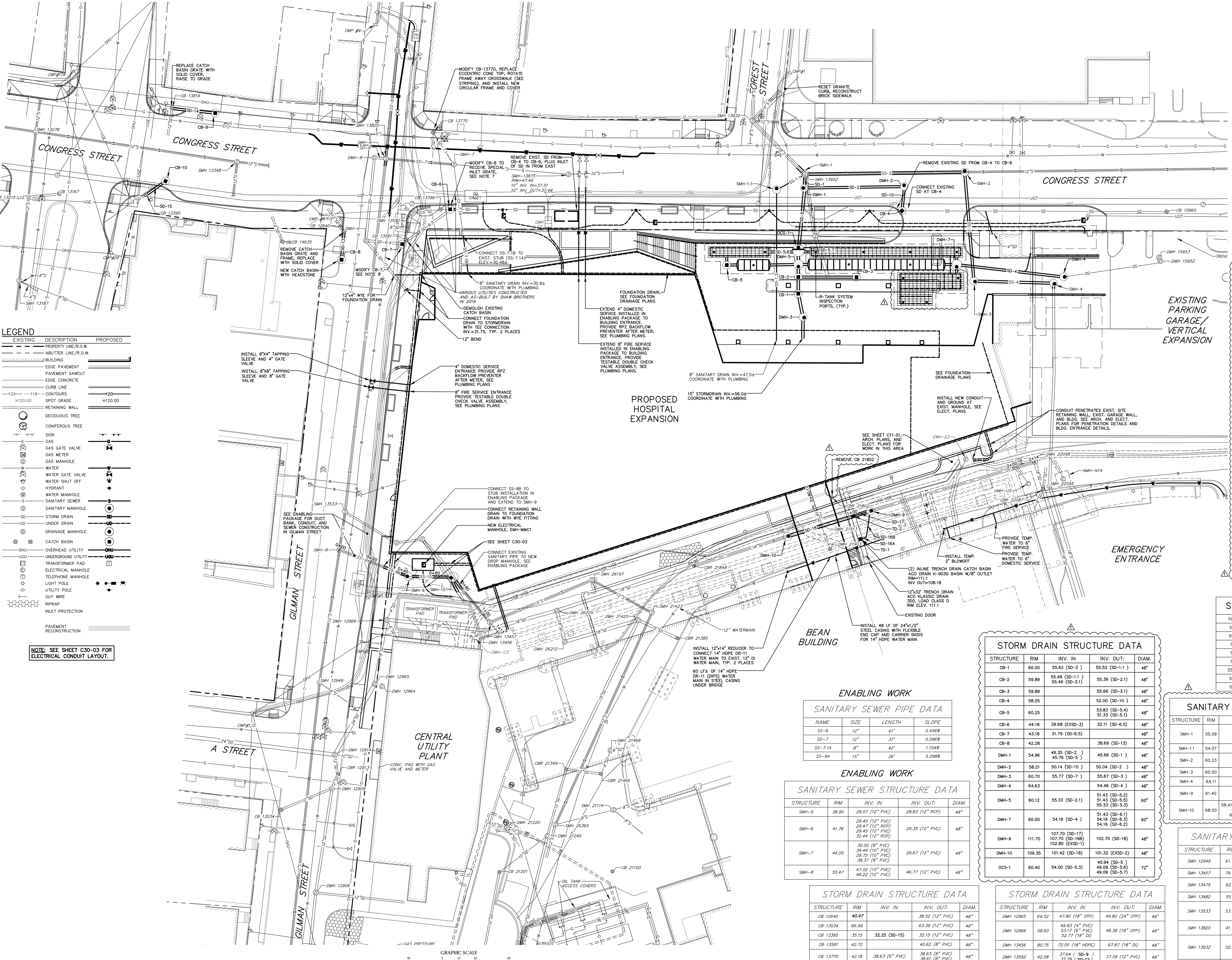
NO	ADDENDUM NO.	DATE
1	ADDENDUM NO. 2	01 MAY 20

Job Number: 152189.000  
 Drawn: MALMAM  
 Checked: DLR  
 Approved: DLR

TITLE  
**UTILITY PLAN**

SHEET NUMBER  
**C11-01**

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**STORM DRAIN PIPE DATA**

NAME	SIZE	LENGTH	SLOPE
EXSD-1	18"	9'	3.16%
EXSD-2	18"	5'	1.73%
SD-1	12"	4'	0.73%
SD-1-1	12"	6'	0.50%
SD-2	12"	56'	1.24%
SD-2-1	15"	3'	1.98%
SD-3	15"	10'	0.48%
SD-3-1	12"	31'	0.55%
SD-4	12"	60'	0.50%
SD-5	15"	33'	0.55%
SD-5-1	12"	4'	0.00%
SD-5-2	12"	14'	0.81%
SD-5-3	15"	3'	46.24%
SD-5-4	12"	3'	0.00%
SD-5-5	12"	3'	3.56%
SD-5-6	12"	14'	0.00%
SD-5-7	12"	4'	0.00%
SD-6	12"	46'	2.17%
SD-6-1	12"	4'	3.48%
SD-6-2	12"	2'	0.00%
SD-6-3	12"	2'	0.00%
SD-6-4	12"	20'	0.73%
SD-6-5	12"	31'	1.02%
SD-7	15"	11'	2.18%
SD-8	12"	2'	0.84%
SD-10	12"	11'	17.54%
SD-11	12"	36'	1.00%
SD-13	12"	14'	0.50%
SD-14	12"	23'	0.52%
SD-15	12"	11'	0.54%
SD-16A	8"	3'	5.37%
SD-16B	8"	14'	2.26%
SD-17	8"	6'	6.01%
SD-18	18"	48'	2.67%

**SANITARY SEWER PIPE DATA**

NAME	SIZE	LENGTH	SLOPE
SS-1-1	8"	15'	0.58%
SS-1-2	8"	88'	0.52%
SS-2	18"	92'	6.60%
SS-3	15"	62'	1.51%
SS-4	15"	44'	4.02%
SS-7-1B	8"	23'	0.50%
SS-9B	15"	14'	5.37%
SS-10	15"	22'	12.64%

**STORM DRAIN STRUCTURE DATA**

STRUCTURE	RIM	INV. IN	INV. OUT:	DIAM.
CB-1	60.00	55.62 (SD-3)	55.52 (SD-1-1)	48"
CB-2	59.89	55.49 (SD-1-1)	55.39 (SD-2-1)	48"
CB-3	59.89	55.66 (SD-3-1)	55.67 (SD-3-1)	48"
CB-4	58.05	52.00 (SD-10)	52.00 (SD-10)	48"
CB-5	60.25	53.83 (SD-5-4)	51.33 (SD-5-1)	48"
CB-6	44.18	39.68 (EXSD-3)	32.11 (SD-6-5)	48"
CB-7	43.18	31.79 (SD-6-5)	31.79 (SD-6-5)	48"
CB-8	42.28	38.69 (SD-13)	38.69 (SD-13)	48"
DMH-1	54.96	49.35 (SD-2)	45.76 (SD-3)	48"
DMH-2	58.21	50.14 (SD-10)	50.04 (SD-2)	48"
DMH-3	60.70	55.77 (SD-7)	55.87 (SD-3)	48"
DMH-4	64.63	55.49 (SD-10)	54.46 (SD-4)	48"
DMH-5	60.12	55.33 (SD-2-1)	51.43 (SD-5-2)	60"
DMH-6	60.12	55.33 (SD-2-1)	51.43 (SD-5-3)	60"
DMH-7	60.00	54.16 (SD-4)	51.43 (SD-6-3)	60"
DMH-9	111.70	107.70 (SD-17)	102.70 (SD-18)	48"
DMH-10	109.35	101.42 (SD-18)	101.32 (EXSD-2)	48"
OCS-1	60.40	54.00 (SD-5-3)	49.09 (SD-5-6)	72"

**SANITARY SEWER STRUCTURE DATA**

STRUCTURE	RIM	INV. IN	INV. OUT:	DIAM.
SMH-1	55.09	44.71 (SS-2)	44.61 (SS-13952)	48"
SMH-1.1	54.07	47.04 (SS-1-2)	46.94 (SS-1-1)	48"
SMH-2	60.23	51.41 (SS-1600B RECONNECT)	50.77 (SS-2)	48"
SMH-3	60.50	52.24 (SS-4)	52.14 (SS-3)	48"
SMH-4	64.11	57.95 (SS-11065)	54.00 (SS-4)	48"
SMH-9	61.40	55.49 (SD-10)	49.17 (SS-9B)	48"
SMH-10	68.00	58.41 (SS-13457 RECONNECT (RPP))	58.41 (SS-13457 RECONNECT)	60"
		61.53 (SS-13457.2 RECONNECT)	58.31 (SS-10)	60"

**SANITARY SEWER STRUCTURE DATA**

STRUCTURE	RIM	INV. IN	INV. OUT:	DIAM.
SMH 12949	61.78	51.90 (6" PVC)	52.38 (12" PVC)	48"
SMH 13457	79.44	72.28 (15" PVC)	64.64 (15" PVC)	48"
SMH 13475	62.91	52.29 (15" PVC)	52.08 (12" PVC)	48"
SMH 13482	55.71	50.14 (12" PVC)	46.09 (12" PVC)	48"
SMH 13533	53.55	45.65 (12" PVC)	44.38 (12" RCP)	48"
SMH 13820	41.72	32.77 (10" PVC)	32.42 (12" RCP)	48"
SMH 13932	52.64	43.42 (15" RCP)	40.64 (18" RCP)	48"
SMH 13952	52.64	45.89 (12" RCP)	44.61 (18" RCP)	48"
SMH 15163	81.98	71.98 (12" PVC)	72.88 (12" PVC)	48"
SMH 16008	69.24	61.17 (10" PVC)	60.86 (12" PVC)	48"
SMH 16047	72.94	64.59 (8" PVC)	64.19 (10" PVC)	48"
SMH 16091	77.67	69.37 (8" PVC)	69.34 (8" PVC)	48"
SMH 16094	75.82	69.15 (8" PVC)	69.05 (8" PVC)	48"
SMH 21114	107.75	99.85 (8" PVC)	99.60 (8" PVC)	48"
SMH 21423	106.57	97.17 (12" PVC)	86.18 (12" PVC)	48"
SMH 22095	115.44	108.75 (18" PVC)	108.49 (15" PVC)	48"
SMH 25522	130.11	117.21 (15" PVC)	117.16 (15" PVC)	48"
SMH 25558	128.59	110.01 (12" PVC)	110.00 (12" PVC)	48"
SMH 26197	90.56	83.53 (12" PVC)	80.73 (15" PVC)	48"
SMH 26365	107.74	97.88 (8" PVC)	97.74 (12" PVC)	48"
SMH 26367	130.04	109.83 (12" PVC)	109.76 (18" PVC)	48"

**ENABLING WORK  
 SANITARY SEWER PIPE DATA**

NAME	SIZE	LENGTH	SLOPE
SS-6	12"	61'	0.456%
SS-7	12"	37'	0.596%
SS-7-1A	8"	42'	1.154%
SS-9A	15"	36'	5.298%

**ENABLING WORK  
 SANITARY SEWER STRUCTURE DATA**

STRUCTURE	RIM	INV. IN	INV. OUT:	DIAM.
SMH-5	38.90	29.07 (12" PVC)	28.83 (12" RCP)	48"
SMH-6	41.78	29.45 (12" PVC)	29.35 (12" PVC)	48"
SMH-7	44.00	34.49 (10" PVC)	29.67 (12" PVC)	48"
SMH-8	55.47	48.22 (12" PVC)	46.71 (12" PVC)	48"

**ENABLING WORK  
 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 13385	35.15	32.25 (SD-15)	32.15 (12" PVC)	48"
CB 13581	42.72	40.62 (8" PVC)	40.62 (8" PVC)	48"
CB 13770	42.18	38.63 (8" PVC)	38.61 (8" PVC)	48"
CB 13796	42.56	38.86 (8" PVC)	38.66 (10" PVC)	48"
CB 13819	36.38	31.31 (SD-14)	31.21 (12" PVC)	48"
CB 15960	65.99	62.69 (8" PVC)	62.69 (8" PVC)	48"
CB 21201	108.29	102.89 (12" PVC)	102.84 (12" PVC)	48"
CB 21549	106.08	97.88 (12" PVC)	97.08 (15" HDPE)	48"
CB 21385	106.32	102.63 (12" PVC)	102.63 (12" HDPE)	48"
CB 21466	106.75	102.75 (8" PVC)	99.40 (12" PVC)	48"
CB 21802	107.94	105.02 (15" PVC)	105.05 (8" RCP)	48"
CB 21848	106.49	100.35 (18" PVC)	100.16 (18" HDPE)	48"
CB 22087	115.13	108.88 (15" RCP)	106.37 (18" RCP)	48"
CB 25688	125.20	121.67 (12" RCP)	121.67 (12" RCP)	48"
DMH 12906	72.45	62.96 (12" PVC)	63.08 (12" RCP)	48"
DMH 12909	66.75	60.15 (12" RCP)	59.80 (12" PVC)	48"
DMH 12914	65.09	57.39 (12" PVC)	49.31 (24" RCP)	48"
DMH 12964	65.52	62.11 (18" HDPE)	62.11 (18" HDPE)	48"

**ENABLING WORK  
 STORM DRAIN STRUCTURE DATA**

STRUCTURE	RIM	INV. IN	INV. OUT:	DIAM.
DMH 12965	64.52	47.80 (18" RCP)	49.80 (24" RCP)	48"
DMH 12966	58.60	49.83 (4" PVC)	48.38 (18" RCP)	48"
DMH 13456	80.75	72.05 (18" HDPE)	67.87 (18" DI)	48"
DMH 13592	42.08	37.64 ( SD-9 )	37.59 (12" PVC)	48"
DMH 15953	67.00	64.98 (4" DI)	64.98 (4" DI)	48"
DMH 21220	108.04	104.44 (6" PVC)	86.99 (12" RCP)	48"
DMH 21420	107.93	101.68 (12" RCP)	101.68 (12" PVC)	48"
DMH 21425	106.58	101.79 (15" HDPE)	96.24 (18" HDPE)	48"
DMH 21468	106.83	103.99 (8" PVC)	103.94 (8" PVC)	48"
DMH 21903	110.18	107.30 (8" PVC)	107.30 (8" PVC)	48"
DMH 22008	115.18	106.03 (18" RCP)	105.99 (18" RCP)	48"
DMH 25531	130.05	110.05 (12" PVC)	109.44 (18" RCP)	48"
DMH 25556	128.73	121.03 (12" RCP)	110.11 (12" PVC)	48"
DMH 25575	128.66	121.31 (12" RCP)	121.21 (12" RCP)	48"
DMH 26205	89.94	83.67 (18" HDPE)	83.64 (18" HDPE)	48"
DMH 26212	97.74	87.11 (18" HDPE)	87.11 (18" HDPE)	48"

**NOTES:**

- THE CONTRACTOR SHALL EXCAVATE TEST PITS TO LOCATE AND CONFIRM THE DEPTH OF WATER AND GAS MAINS AND SERVICES AT ALL CROSSINGS IN ADVANCE OF THE WORK. THE DEPTH OF DUCT BANKS MAY BE ADJUSTED TO MAINTAIN REQUIRED CLEARANCES.
- THE PORTLAND WATER DISTRICT (PWD) WILL BE REPLACING THE 8" WATER MAIN IN CONGRESS STREET WITH NEW 12" DUCTILE IRON WATER MAIN FROM MEMMOTH STREET TO ST. JOHN STREET IN COORDINATION WITH THE MAINE MEDICAL CENTER'S WORK. WORK ASSOCIATED WITH THE REMOVAL AND REPLACEMENT OF WATER MAINS, SERVICES AND HYDRANTS WILL BE PERFORMED UNDER SEPARATE CONTRACT WITH PWD. WATER MAIN WORK SHOWN IN THE ENABLING PACKAGE IS FOR REFERENCE AND COORDINATION ONLY AND MAY BE REVISED BY PWD.
- EXISTING WATER MAINS ARE INSTALLED AT APPROXIMATELY 4' OF COVER. THE CONTRACTOR SHALL TEST PIT TO VERIFY THE DEPTH OF THE WATER MAINS AT ALL CROSSING LOCATIONS TO COORDINATE COVER AND SEPARATION REQUIREMENTS FOR THE NEW WORK. REPORT DISCREPANCIES TO THE ENGINEER. ALL WORK FOR THE MMC CONGRESS BUILDING AND ENABLING PACKAGE SHALL ASSUME THE NEW 12" WATER MAIN WILL BE INSTALLED AT THE LOCATIONS INDICATED WITH 5.5' COVER.
- THE EXISTING GAS MAINS IN CONGRESS STREET AND GILMAN STREET ARE CAST IRON INSTALLED IN 1908. DEPTH IS UNDETERMINED. THE CONTRACTOR SHALL TEST PIT TO VERIFY GAS MAIN LOCATIONS AND DEPTHS IN ADVANCE OF THE WORK. FOR WORK IN PROXIMITY TO OR CROSSING THE GAS MAIN THE CONTRACTOR SHALL EITHER:
  - SUPPORT THE EXISTING CAST IRON GAS MAIN AT ALL JOINTS WITHIN THE EXCAVATION, OR;
  - PROVIDE EXCAVATION AND BACKFILL FOR UNITS' INSTALLATION OF DRY Laid 8" MAIN AND (2)-2" BRASS LINES. THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING THE WORK WITH UNITS AND FOR FURNISHING AND INSTALLING BACKFILL MATERIALS.
- DURING INSTALLATION OF NEW WORK THE CONTRACTOR SHALL PROVIDE CLEARANCE FOR A FUTURE 8" GAS MAIN REPLACEMENT BY UNITS. THE FUTURE MAIN WILL BE LAID ADJACENT THE EXISTING GAS MAINS AND IS TO BE INSTALLED WITH 42" MINIMUM COVER COVER.
- STREET TREES THAT ARE TO REMAIN ARE NOT SHOWN ON THIS PLAN FOR CLARITY. REFER THE DEMOLITION PLANS FOR STREET TREES TO BE REMOVED. PROTECT EXISTING STREET TREES TO REMAIN.
- CATCH BASIN CB-6 IS TO BE INSTALLED IN THE ENABLING PACKAGE IN THE TRAVELED WAY OF CONGRESS STREET AT THE LOCATION OF THE PROPOSED CURB LINE. REMOVE THE TEMPORARY CIRCULAR GRATE AND FRAME. REMOVE EXISTING CURB FACE INLET (EAST JORDAN IRON WORKS MODEL 7500Z CURB INLET FRAME). ALIGN FRAME INLET WITH THE CURB LINE. PLUG TEMPORARY CONNECTION IN FROM THE EAST.
- CATCH BASIN CB-7 IS TO BE INSTALLED IN THE ENABLING PACKAGE IN THE TRAVELED WAY OF GILMAN STREET AT THE PROPOSED CURB LINE. REMOVE THE TEMPORARY CIRCULAR GRATE AND FRAME AND PRECAST TOP SECTION. REPLACE WITH CITY OF PORTLAND STANDARD CATCH BASIN TOP WITH D-FRAME GRATE AND HEADSTONE.
- MODIFY EXISTING CB-13770. REMOVE EXISTING GRATE FRAME AND PRECAST TOP SECTION. INSTALL NEW PRECAST ECCENTRIC CONE. ROTATE CONE TO MOVE OPENING AWAY FROM CROSSWALK TO THE EXTENT PRACTICABLE (SEE SITE PLAN). INSTALL NEW CIRCULAR GRATE AND FRAME.

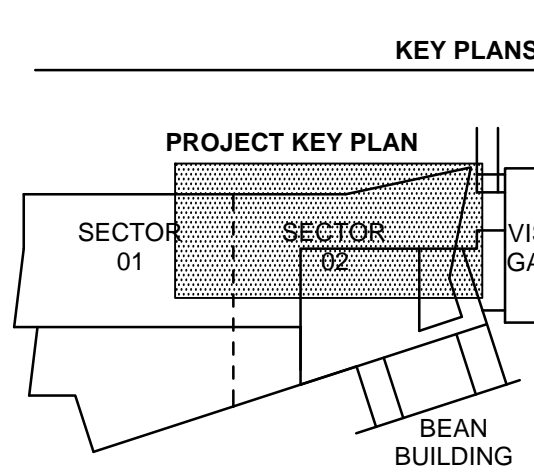
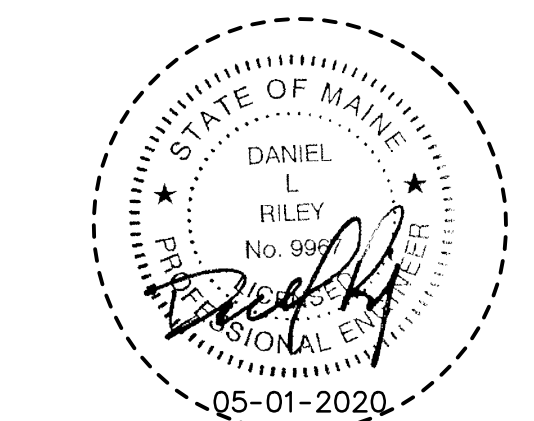
**LEGEND**

EXISTING	DESCRIPTION	PROPOSED
---	PROPERTY LINE, R.O.W.	---
---	ABUTMENT 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	---
---	SD	---
---	UNDER DRAIN	---
---	DRAINAGE MANHOLE	---
---	CATCH BASIN	---
---	OVERHEAD UTILITY	---
---	UNDERGROUND UTILITY	---
---	TRANSFORMER PAD	---
---	ELECTRICAL MANHOLE	---
---	TELEPHONE MANHOLE	---
---	LIGHT POLE	---
---	UTILITY POLE	---
---	GUY WIRE	---
---	RRRIP	---
---	INLET PROTECTION	---
---	PAVEMENT RECONSTRUCTION	---

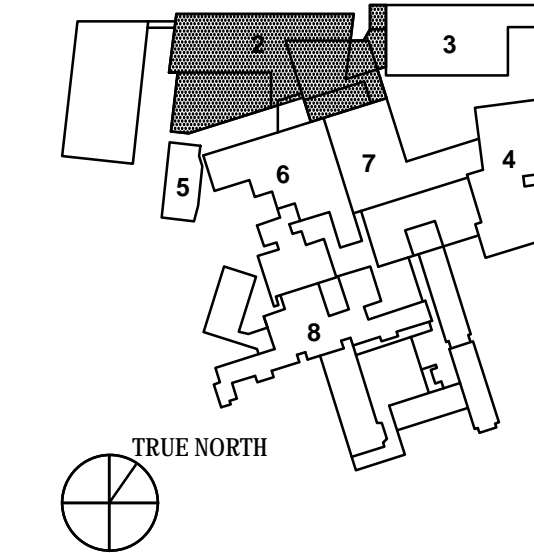
NOTE: SEE SHEET C30-03 FOR ELECTRICAL CONDUIT LAYOUT.







- OVERALL KEY PLAN
- NOT USED
  - CONGRESS STREET
  - VISITOR GARAGE
  - EAST TOWER
  - CENTRAL UTILITY PLANT
  - BEAN BUILDING
  - RELIERS BUILDING
  - MAINE GENERAL BUILDING



ISSUED FOR CONSTRUCTION  
 November 15, 2019

NO	ISSUE	DATE
1	ADDENDUM NO. 2	01 MAY 20

Job Number 152189.000  
 Drawn MALAMAM  
 Checked DLR  
 Approved DLR

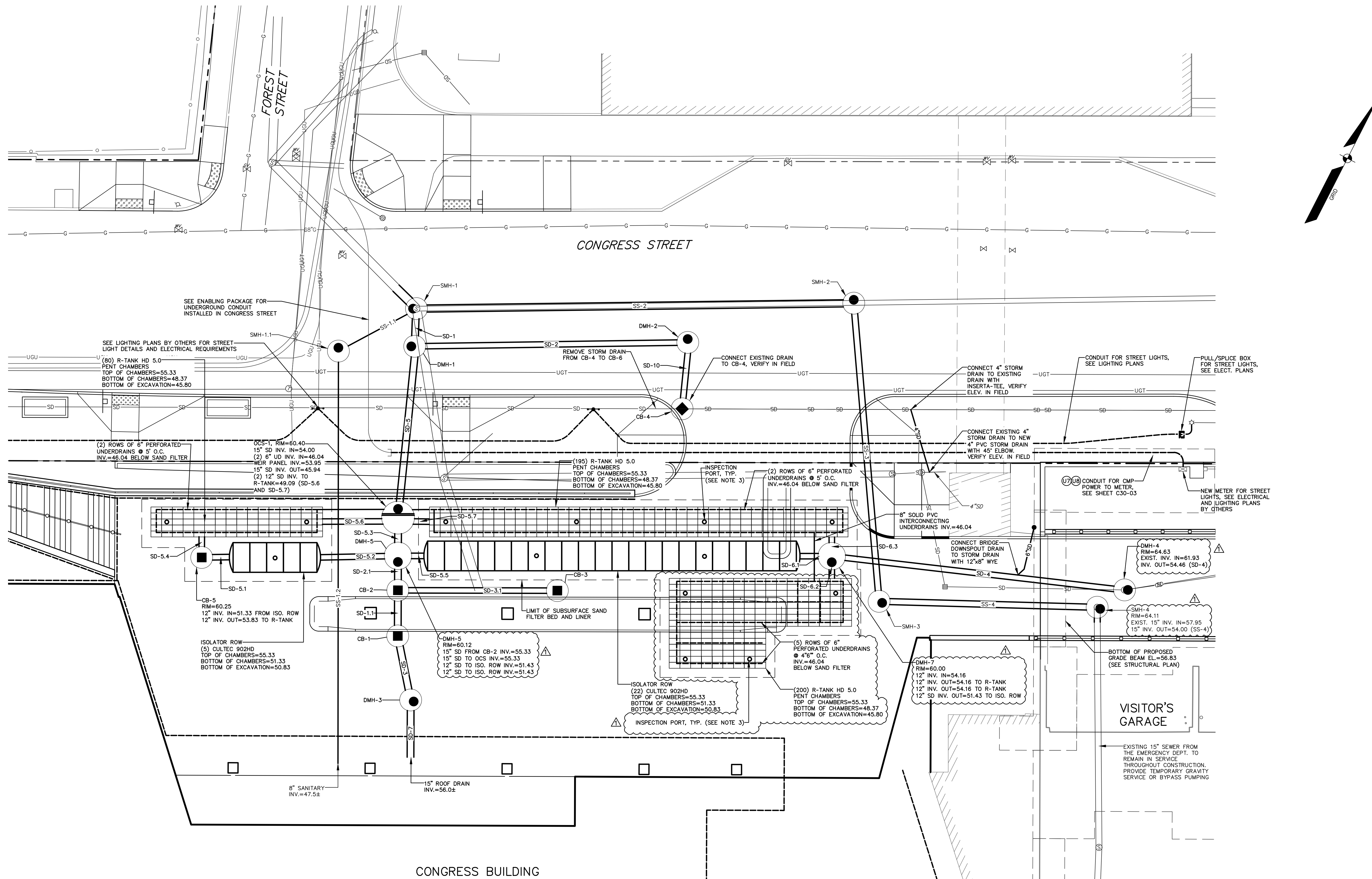
TITLE  
**UTILITY PLAN,  
 MAIN ENTRANCE**

SHEET NUMBER

**C30-01**

**LEGEND**

EXISTING	DESCRIPTION	PROPOSED
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---	ABUTTER LINE, R.O.W.	---
---	BUILDING	---
---	EDGE PAVEMENT	---
---	PAVEMENT SAWCUT	---
---	EDGE CONCRETE	---
---	CURB LINE	---
---	RETAINING WALL	---
---	CONTOURS	---
---	SPOT GRADE	---
---	X120.00	+120.00
○	DECIDUOUS TREE	○
○	CONIFEROUS TREE	○
○	SNOW	○
○	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	○
○	REPAIR	○
○	INLET PROTECTION	○



**SANITARY SEWER STRUCTURE DATA**

STRUCTURE	RIM	INV. IN	INV. OUT	DIAM.
SMH 13932	52.64	43.42 (15" RCP) 44.64 (12" PVC) 45.64 (18" RCP) 44.64 (8" PVC)	40.64 (18" RCP)	48"
SMH 13952	52.64	45.89 (12" PVC) 43.98 (18" RCP)	44.61 (18" RCP)	48"

**SANITARY SEWER STRUCTURE DATA**

STRUCTURE	RIM	INV. IN	INV. OUT	DIAM.
SMH-1	55.09	44.71 (SS-2) 46.80 (SS-1) 45.63 (SD-1)	44.61 (SS-13952)	48"
SMH-1.1	54.07	47.04 (SS-1.2)	46.94 (SS-1.1)	48"
SMH-2	60.23	51.21 (SS-3) 51.41 (SS-16008 RECONNECT)	50.77 (SS-2)	48"
SMH-3	60.50	52.24 (SS-4)	52.14 (SS-3)	48"
SMH-4	64.11	57.95 (SS-11065)	54.00 (SS-4)	48"

**SANITARY SEWER PIPE DATA**

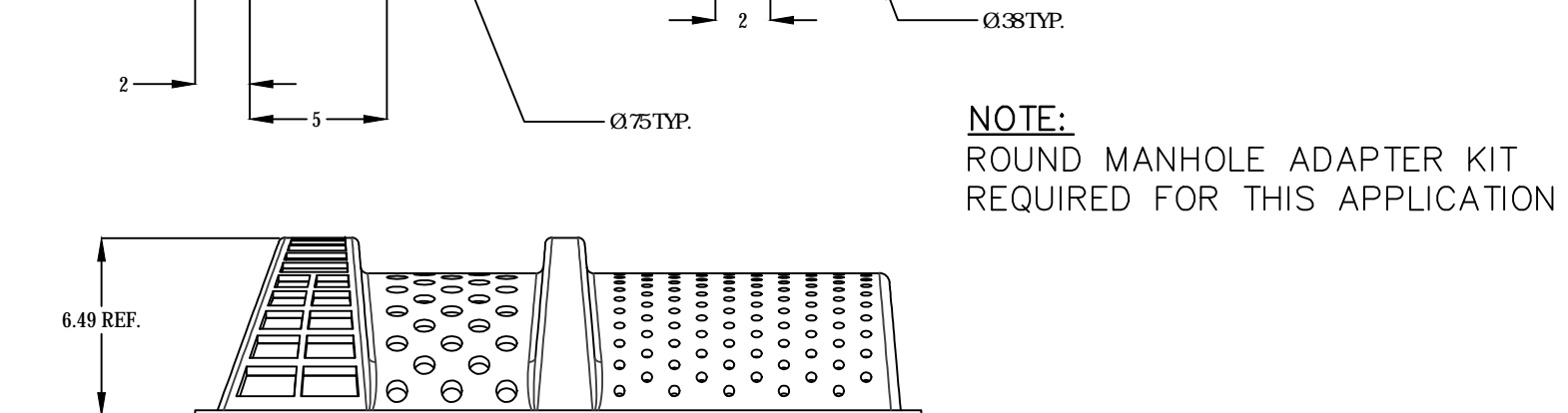
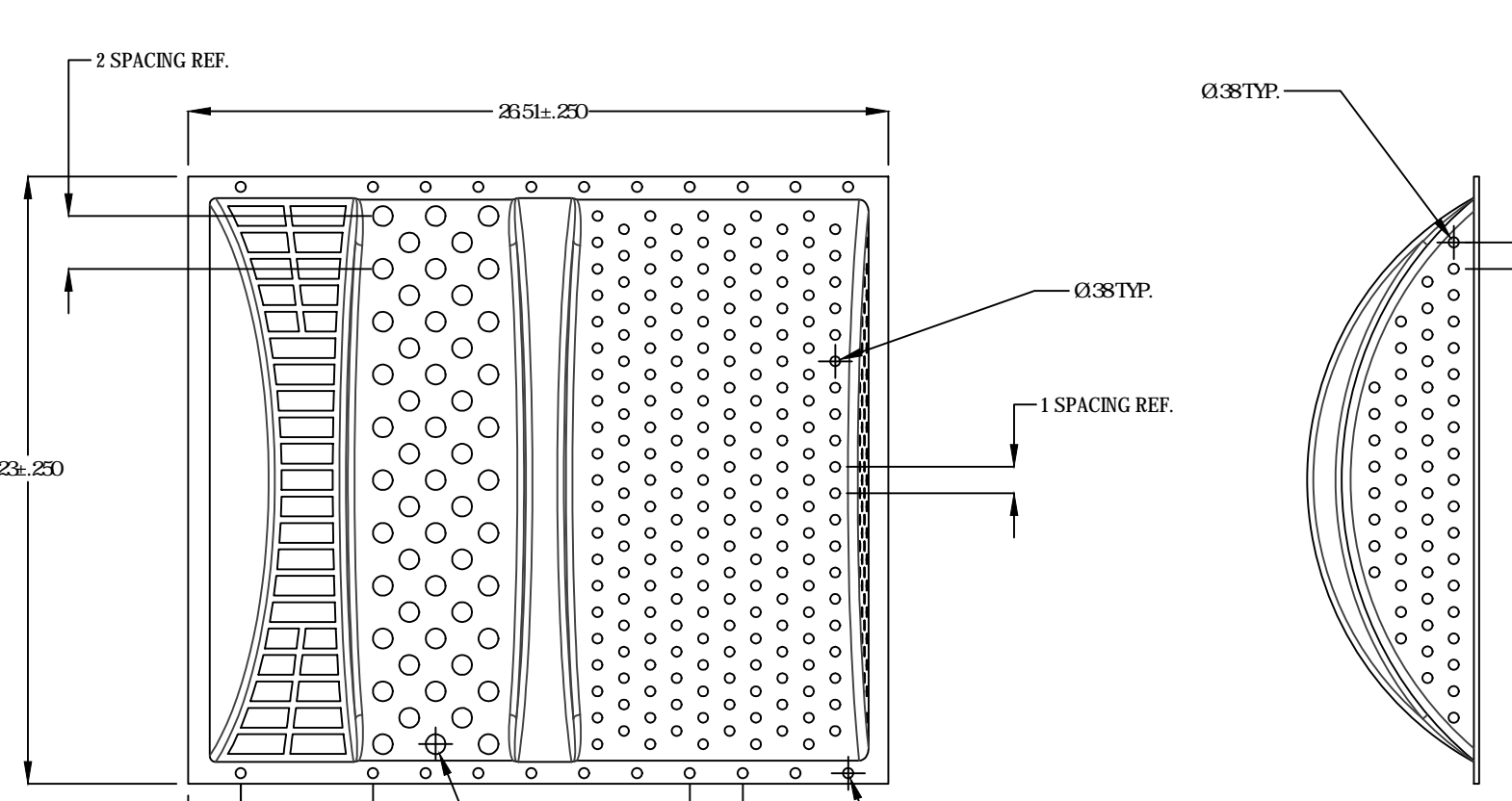
NAME	SIZE	LENGTH	SLOPE
SS-1.1	8"	15'	0.38%
SS-1.2	8"	88'	0.52%
SS-2	18"	92'	6.00%
SS-3	15"	62'	1.51%
SS-4	15"	44'	4.02%

**STORM DRAIN STRUCTURE DATA**

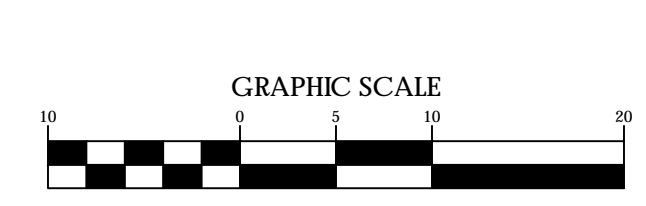
STRUCTURE	RIM	INV. IN	INV. OUT	DIAM.
CB-1	60.00	55.62 (SD-3)	55.92 (SD-1.1)	48"
CB-2	59.89	55.49 (SD-1.1) 55.49 (SD-3.1)	55.39 (SD-2.1)	48"
CB-3	59.89		55.66 (SD-3.1)	48"
CB-4	58.05	54.27 (SD-15960)	52.00 (SD-10)	48"
CB-5	60.25		53.83 (SD-5.4) 51.33 (SD-5.1)	48"
CB-6	42.38		38.69 (SD-13)	48"
DMH-1	54.96	49.35 (SD-2) 43.76 (SD-5)	45.66 (SD-1)	48"
DMH-2	58.21	50.14 (SD-10)	50.04 (SD-2)	48"
DMH-3	60.70	61.93 (SD-68)	55.67 (SD-3)	48"
DMH-4	64.63		54.46 (SD-4)	48"
DMH-5	60.12	55.33 (SD-2.1)	51.43 (SD-5.2) 51.43 (SD-5.3) 50.33 (SD-5.3)	60"
DMH-7	60.00	54.16 (SD-4)	51.43 (SD-6.1) 54.16 (SD-6.3) 54.16 (SD-6.2)	60"

**STORM DRAIN PIPE DATA**

NAME	SIZE	LENGTH	SLOPE
EXSD-1	18"	9'	3.16%
EXSD-2	18"	5'	1.72%
SD-1	15"	4'	0.73%
SD-1.1	15"	6'	0.50%
SD-2	12"	56'	1.24%
SD-2.1	15"	3'	1.98%
SD-3	15"	10'	0.48%
SD-3.1	12"	31'	0.55%
SD-4	12"	60'	0.50%
SD-5	15"	33'	0.55%
SD-5.1	12"	4'	0.00%
SD-5.2	12"	14'	0.81%
SD-5.3	15"	3'	46.24%
SD-5.4	12"	3'	0.00%
SD-5.5	12"	3'	5.56%
SD-5.6	12"	14'	0.00%
SD-5.7	12"	4'	0.00%
SD-6	12"	46'	2.17%
SD-6.1	12"	4'	3.48%
SD-6.2	12"	2'	0.00%
SD-6.3	12"	2'	0.00%
SD-6.4	12"	20'	0.75%
SD-6.5	12"	31'	1.02%
SD-7	15"	11'	2.18%
SD-8	12"	2'	0.84%
SD-10	12"	11'	17.54%
SD-11	12"	36'	1.05%
SD-13	12"	14'	0.50%
SD-14	12"	23'	0.52%
SD-15	12"	11'	0.54%
SD-16A	8"	3'	5.37%
SD-16B	8"	14'	2.26%
SD-17	8"	8'	6.01%
SD-18	18"	48'	2.67%



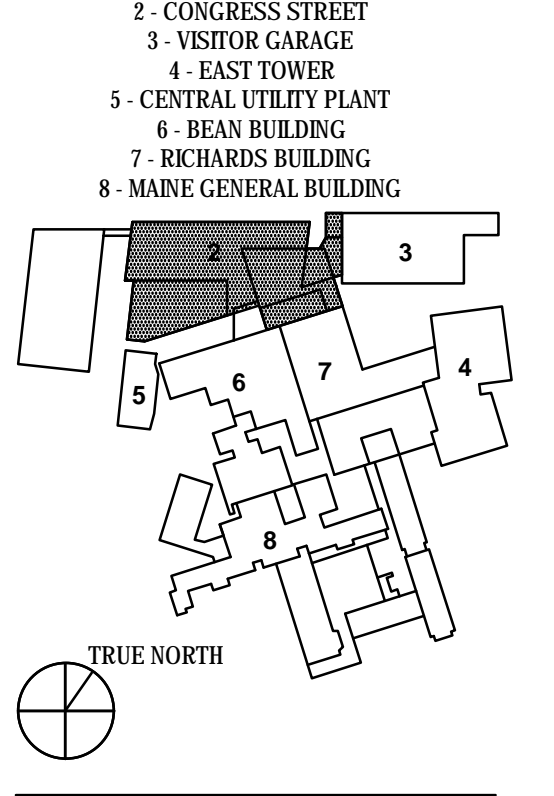
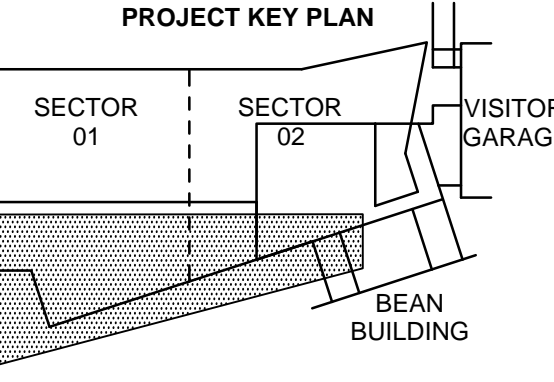
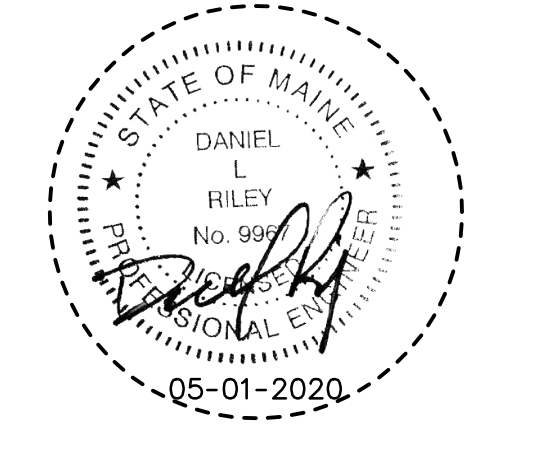
**TRASHGUARD PLUS 23" TGRD23X24 (12" DIA. PIPE)**  
 NOT TO SCALE





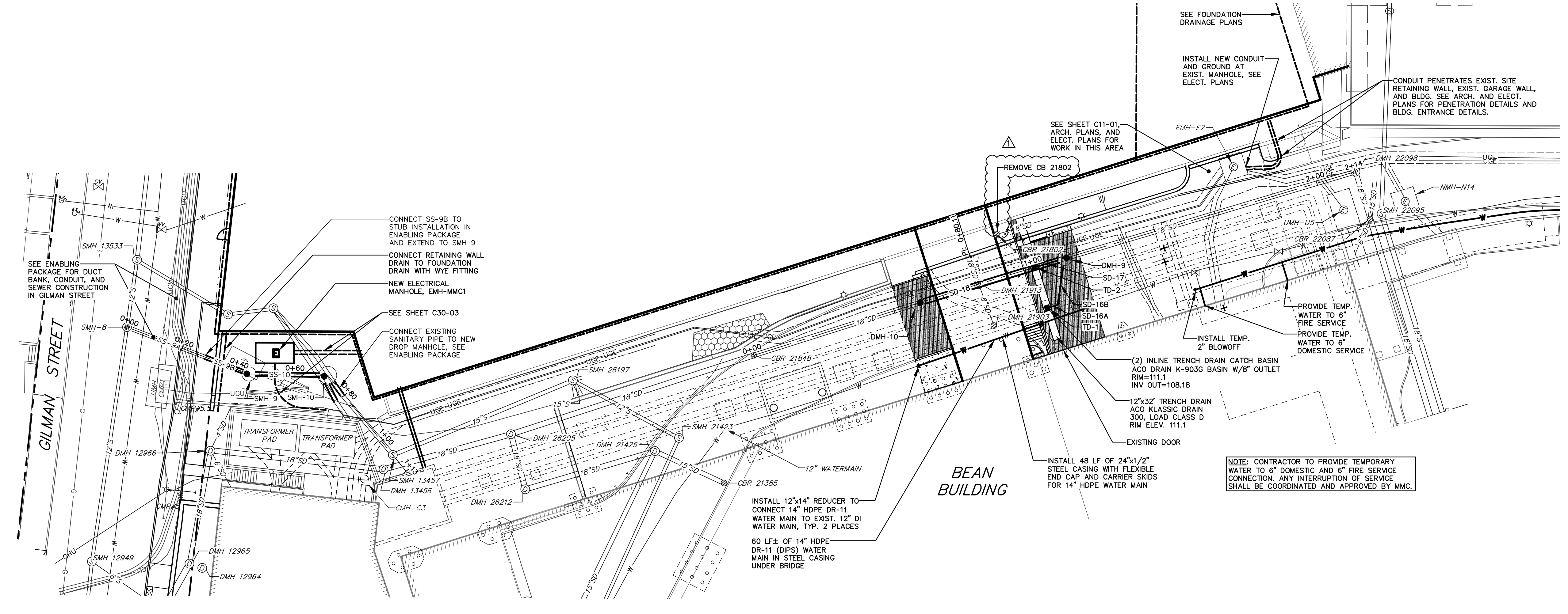
- CIVIL/LANDSCAPE ARCHITECT  
**Sebago Technics Inc.**  
75 John Roberts Road, Suite 1A,  
South Portland, ME 04106
- STRUCTURAL/ENR BUILDING ENVELOPE CONSULTANT  
**Simpson Gumpertz & Heger Inc.**  
41 Sejour Street, Building 3, Suite 500,  
Waltham, MA 02453
- MEPEE ENGINEER/CONSULTANT  
**AKF Group LLC**  
99 Bedford Street, 2nd Floor, Boston, MA 02111
- CONSTRUCTION MANAGER  
**TURNER CONSTRUCTION**  
2 Sappot Lane, Suite 200, Boston, MA 02210
- ELEVATOR CONSULTANT  
**VDA (Van Deusen & Associates)**  
101 Summer Street, 4th Floor, Boston, MA 02110
- COST ESTIMATOR  
**D.G. Jones International**  
3 Baboys Green Common, Suite 202, Woburn, MA 01891
- MEDICAL EQUIPMENT PLANNING  
**Mitchell Planning**  
630 Dunbar Road, Suite 340, Northbrook, IL 60062

**Congress Street Building**  
22 Bramhall Street  
Portland, ME 04102



ADDENDUM NO.	DATE
1	01 MAY 20
2	01 MAY 20

NO.	ISSUE	DATE
Job Number	152189.000	
Drawn	MAL/AMM	
Checked	DLR	
Approved	DLR	



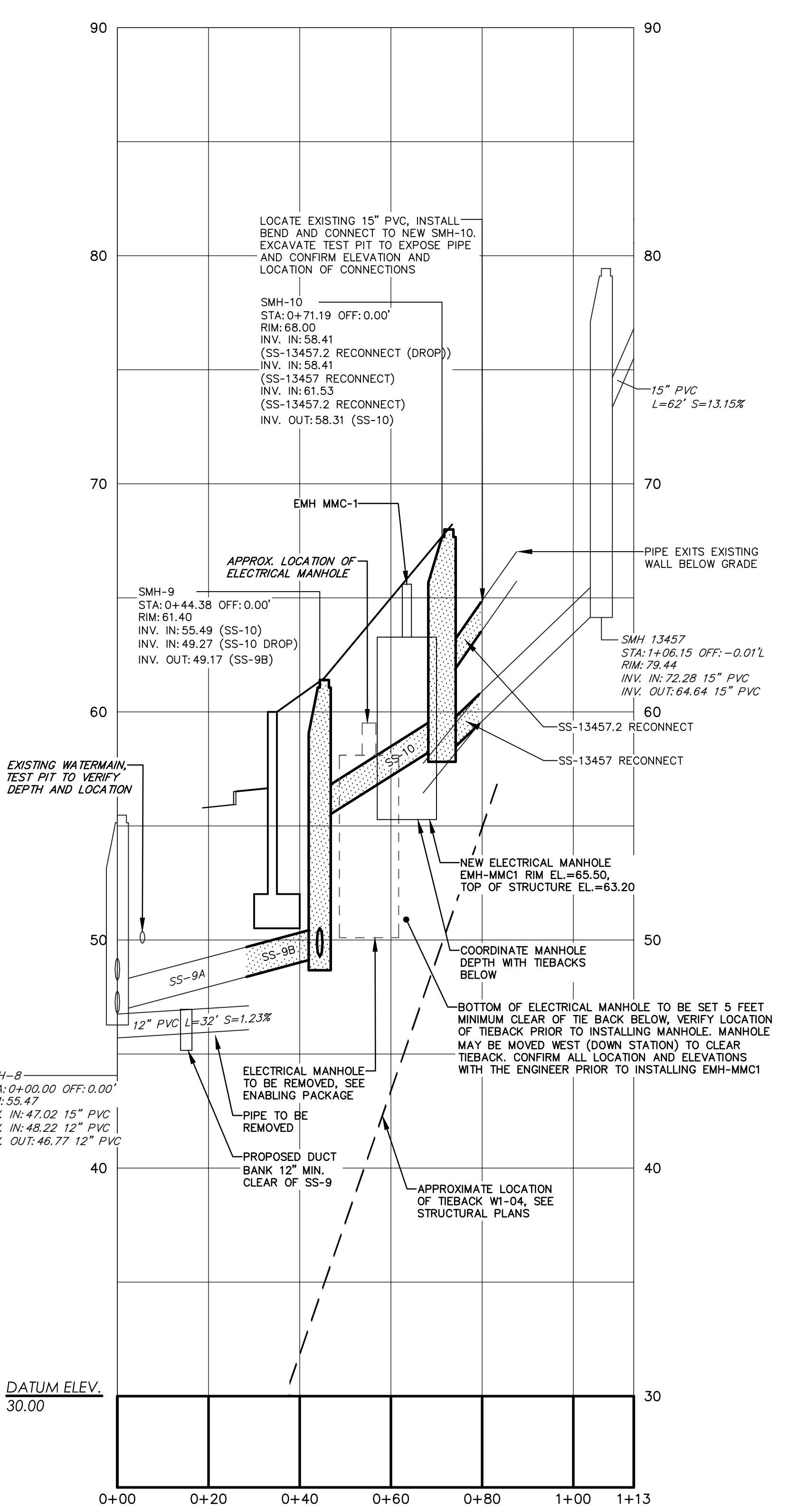
PLAN: UTILITY CORRIDOR  
SCALE: 1"=20'

STORM DRAIN PIPE DATA

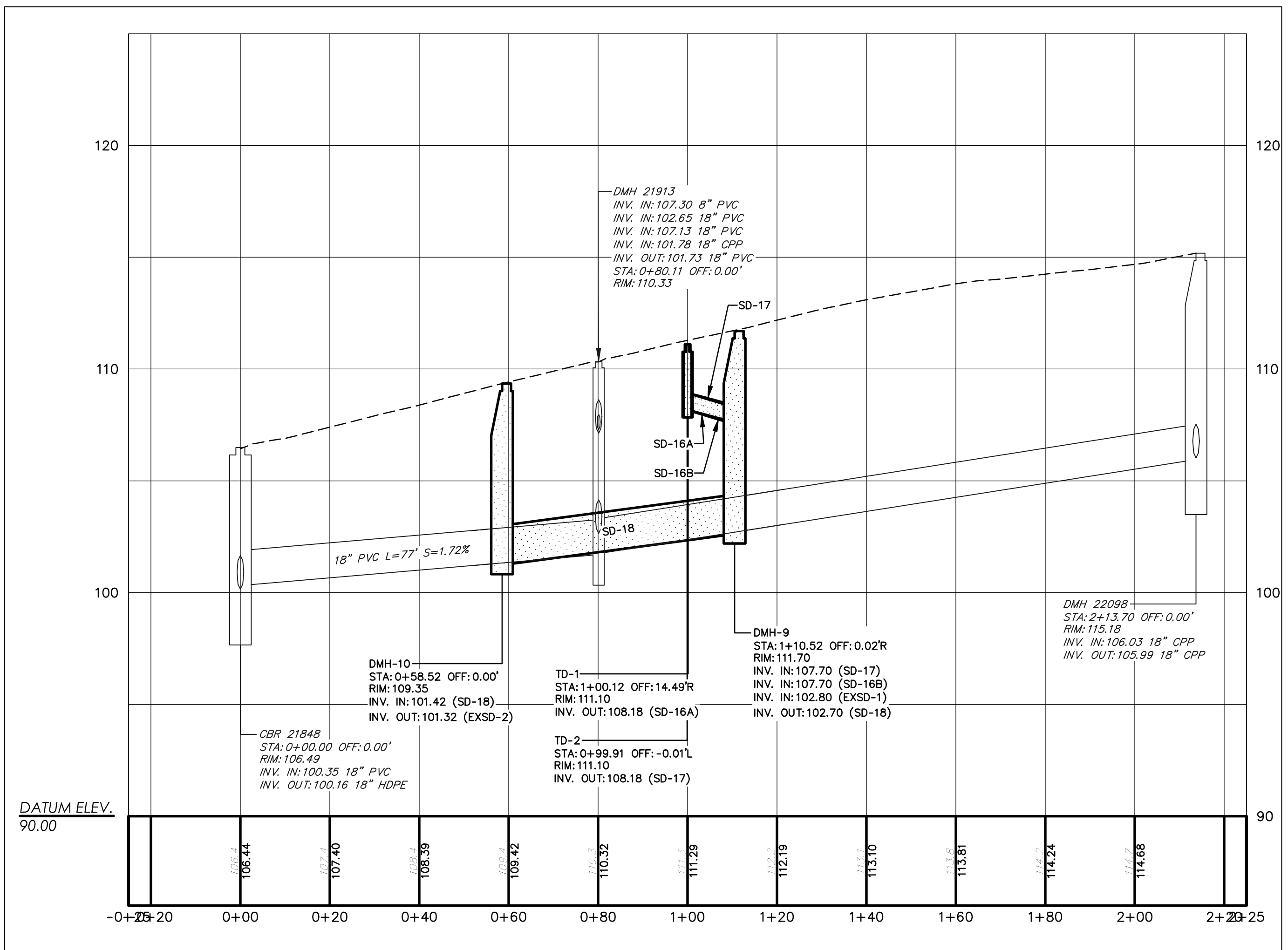
NAME	SIZE	LENGTH	SLOPE
SD-16A	8"	3'	5.37%
SD-16B	8"	14'	2.26%
SD-17	8"	8'	6.01%
SD-18	18"	48'	2.67%

SANITARY SEWER PIPE DATA

NAME	SIZE	LENGTH	SLOPE
SS-9B	15"	14'	5.37%
SS-10	15"	22'	12.64%

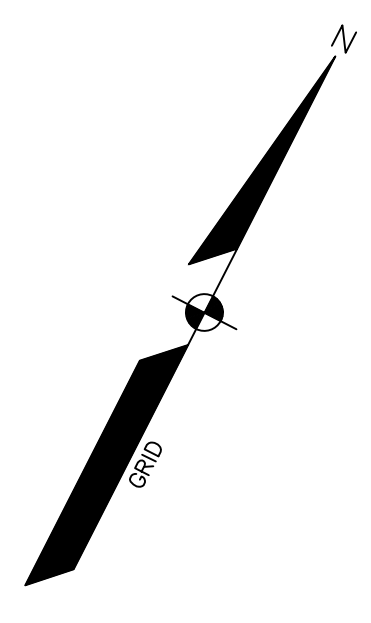
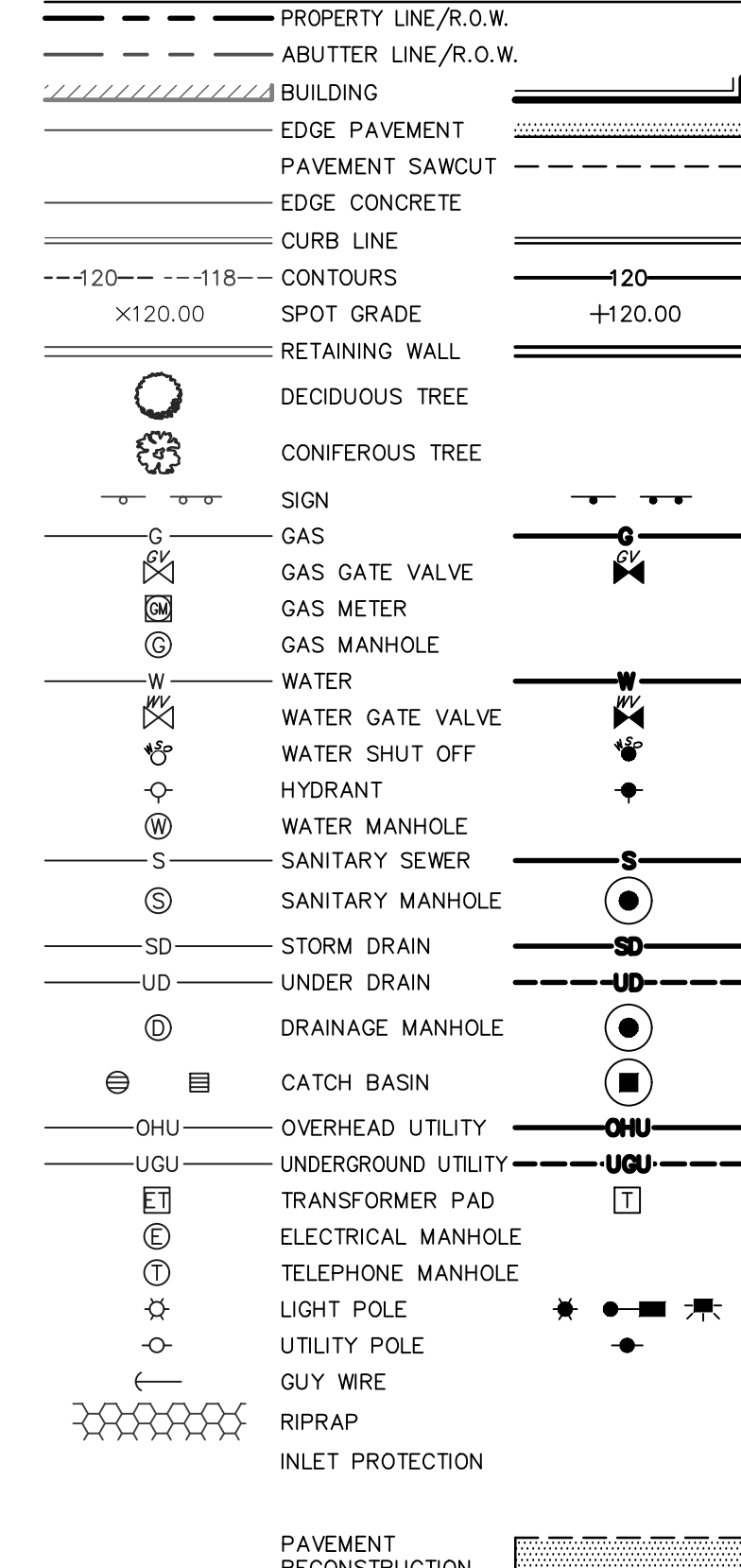


PROFILE: UTILITY CORRIDOR  
STA. 0+00 TO STA. 2+68  
SCALE: 1"=20' HORIZ., 1"=4' VERT.

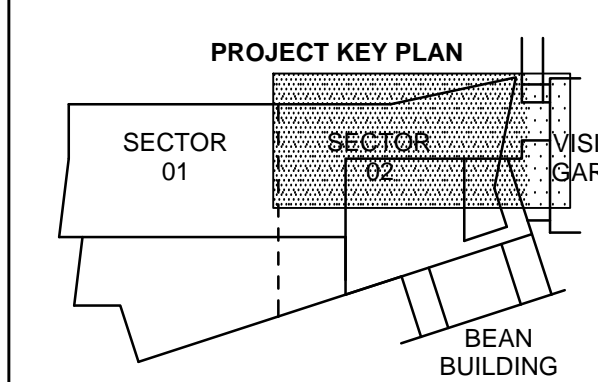
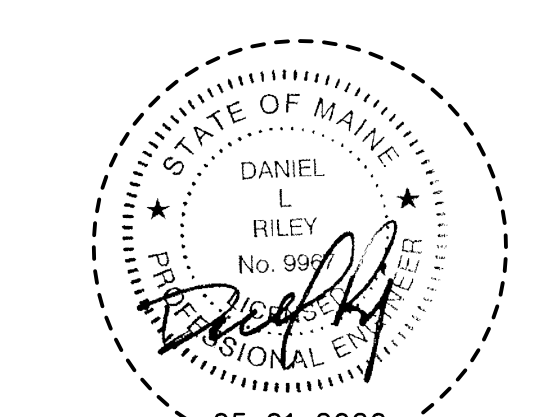


- NOTES:
- SEE ENABLING PACKAGE FOR SEWER AND DUCT BANK CONSTRUCTION SHOWN ON THIS SHEET FOR REFERENCE.
  - SEE PERMANENT SUPPORT OF EXCAVATION PLANS FOR TIEBACKS ALONG SOUTH AND WEST WALL OF THE EXISTING GARAGE.
  - A TEMPORARY EXCAVATION SUPPORT SYSTEM DESIGNED BY OTHERS WILL BE INSTALLED IN GILMAN STREET AND ADJACENT TO THE PROPOSED ADJACENT TO SMH-9 AND SMH-10. COORDINATE THE INSTALLATION OF EMH-MMC-1 WITH THE REMOVAL OF TEMPORARY EXCAVATION SUPPORT AND BACKFILLING OF THE BUILDING.
  - INSTALL MANHOLE EMH-MMC-1 A MINIMUM 5' CLEAR ABOVE THE TIEBACKS SUPPORTING THE WEST WALL OF THE BUILDING. SEE THE PERMANENT SUPPORT OF EXCAVATION PACKAGE AND ASSEMBLY DOCUMENTATION OF THE TIEBACKS. ELECTRICAL MANHOLE EMH-MMC-1 MAY BE MOVED WEST DOWN SLOPE TOWARD GILMAN STREET TO PROVIDE ADDITIONAL CLEARANCE. COORDINATE ANY RELOCATION OF THE MANHOLE WITH THE ARCHITECT, ELECTRICAL ENGINEER, AND CIVIL ENGINEER.

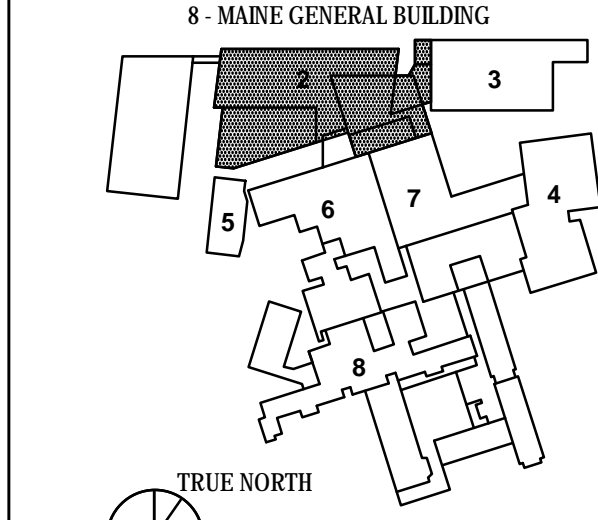
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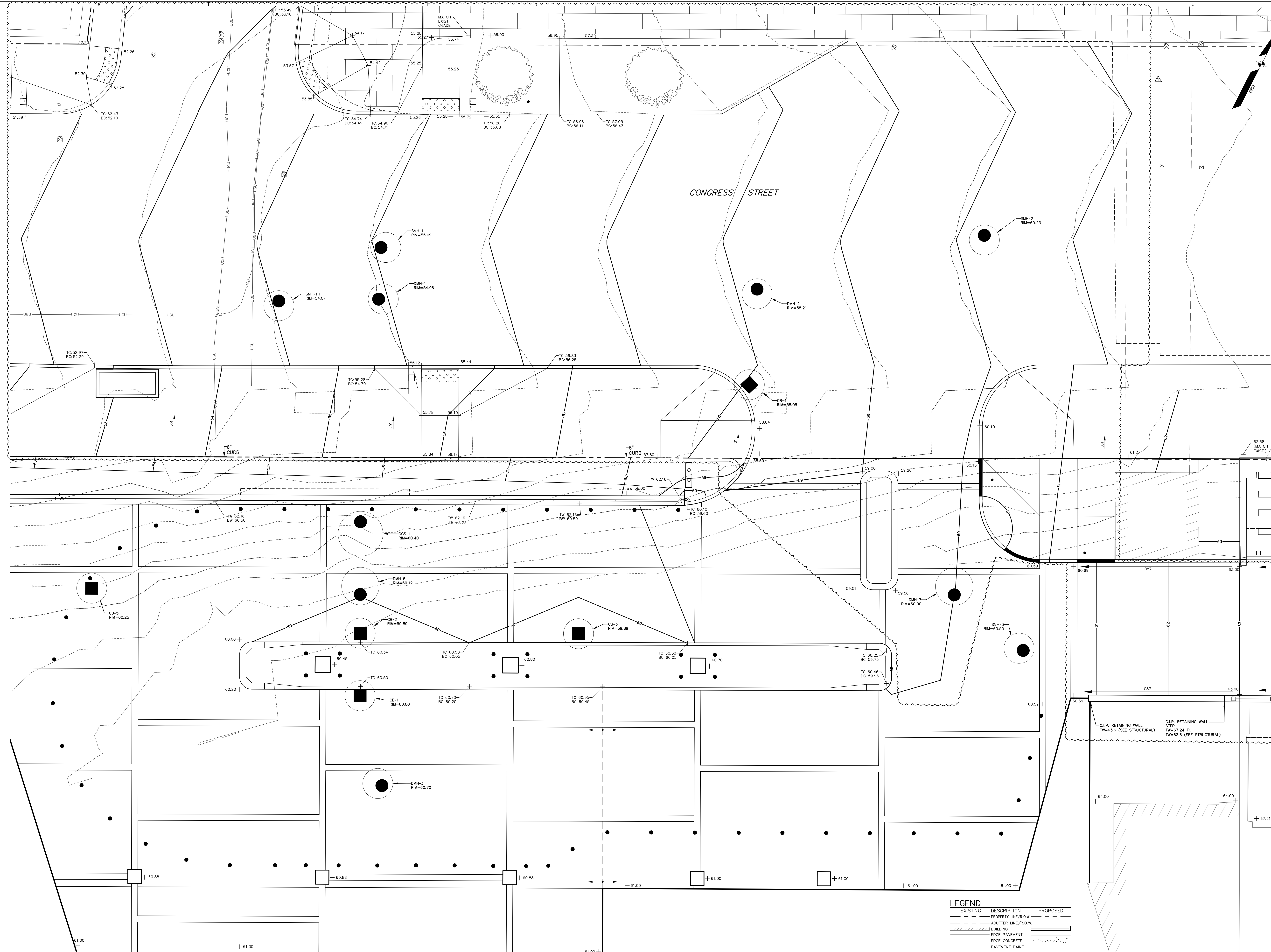




- 1 - NOT USED
- 2 - CONGRESS STREET
- 3 - VISITOR GARAGE
- 4 - EAST TOWER
- 5 - CENTRAL UTILITY PLANT
- 6 - BEAN BUILDING
- 7 - REYNOLDS BUILDING
- 8 - MAINE GENERAL BUILDING

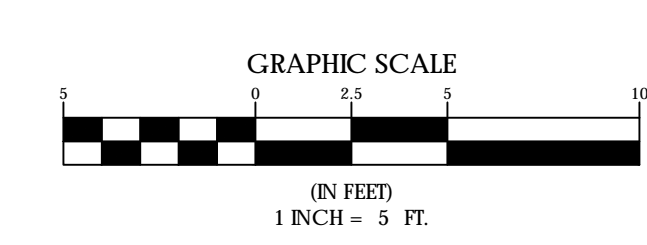


NO.	ADDENDUM NO.	DATE
1	ADDENDUM NO. 2	01 MAY 20
Job Number	152189.000	
Drawn	MAL	
Checked	WTC	
Approved	DLR	



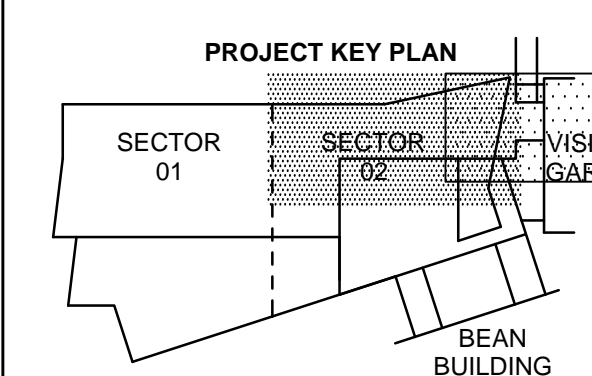
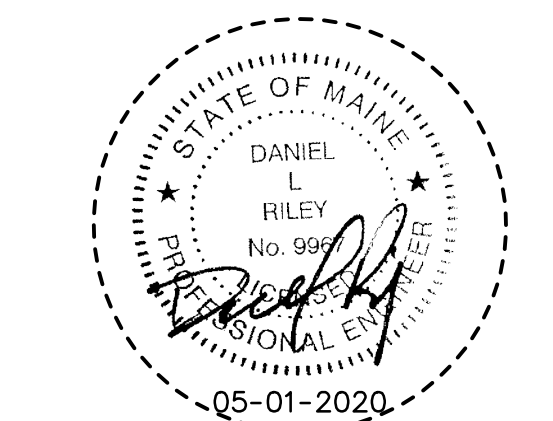
**LEGEND**

EXISTING	DESCRIPTION	PROPOSED
---	PROPERTY LINE/R.O.W.	---
---	ABUTTER LINE/R.O.W.	---
---	BUILDING	---
---	EDGE PAVEMENT	---
---	EDGE CONCRETE	---
---	PAVEMENT PAINT	---
---	EDGE GRAVEL	---
---	CURB LINE	---
---	CONTOURS	---
---	SPOT GRADE	---
---	BOLLARD	---
---	SIGN	---
---	WATER GATE VALVE	---
---	HYDRANT	---
---	SANITARY MANHOLE	---
---	DRAINAGE MANHOLE	---
---	CATCH BASIN	---
---	TRANSFORMER PAD	---
---	ELECTRICAL MANHOLE	---
---	ELECTRIC METER	---
---	HVAC UNIT	---
---	TELEPHONE MANHOLE	---
---	LIGHT POLE	---
---	UTILITY POLE	---
---	GUY WIRE	---

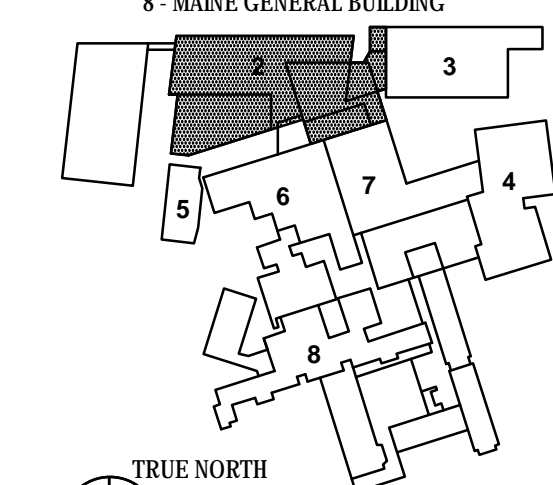


SEE OFF-SITE IMPROVEMENT PLANS, DATED 04-17-20, FOR GRADING REVISIONS WITHIN CONGRESS STREET.



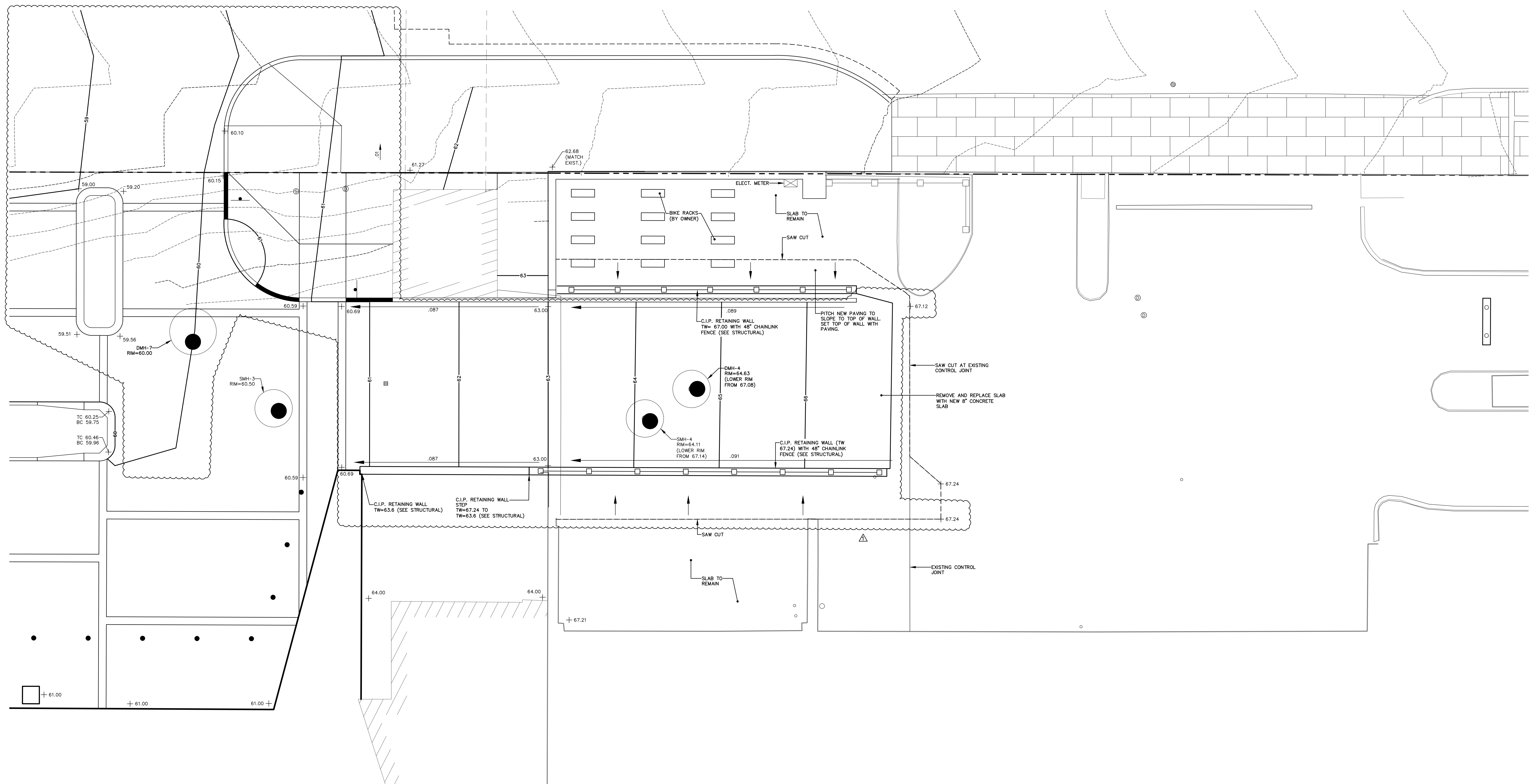


- 1 - NOT USED
- 2 - CONGRESS STREET
- 3 - VISITOR GARAGE
- 4 - EAST TOWER
- 5 - CENTRAL UTILITY PLANT
- 6 - BEAN BUILDING
- 7 - RESEARCH BUILDING
- 8 - MAINE GENERAL BUILDING



NO.	ADDENDUM NO.	DATE
1	ADDENDUM NO. 2	01 MAY 20

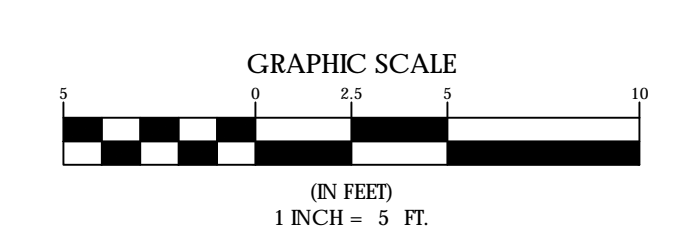
NO.	ISSUE	DATE
Job Number	152189.000	
Drawn	MAL	
Checked	WTC	
Approved	DLR	



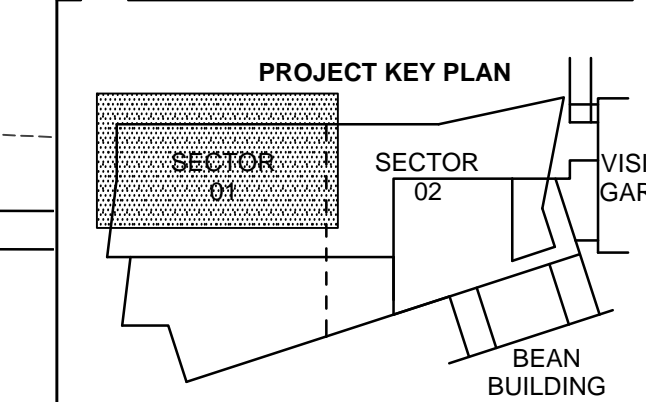
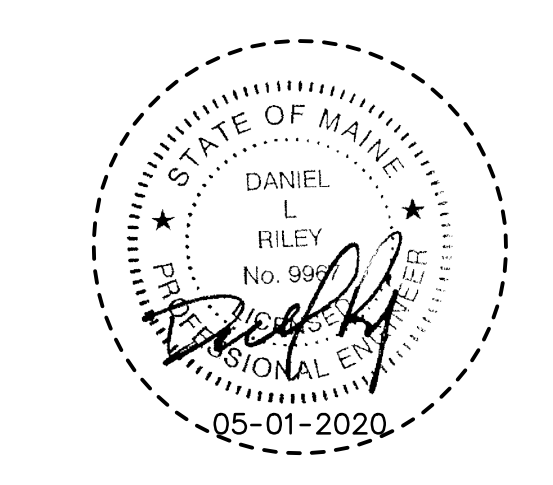
SEE OFF-SITE IMPROVEMENT PLANS, DATED 04-17-20, FOR GRADING REVISIONS WITHIN CONGRESS STREET.

**LEGEND**

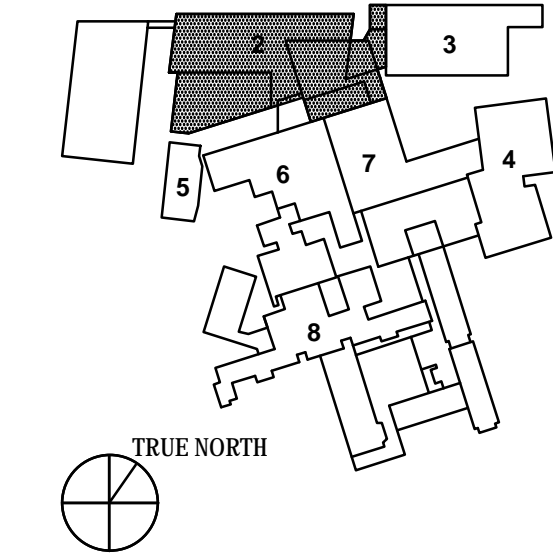
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---	ADJUTER LINE/R.O.W.	---
---	BUILDING	---
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---	EDGE CONCRETE	---
---	PAVEMENT PAINT	---
---	EDGE GRAVEL	---
---	CURB LINE	---
---+120---+118---	CONTOURS	---+120---
o	SPOT GRADE	o
o	BOLLARD	o
o	SIGN	o
o	WATER GATE VALVE	o
o	HYDRANT	o
o	SANITARY MANHOLE	o
o	DRAINAGE MANHOLE	o
o	CATCH BASIN	o
o	TRANSFORMER PAD	o
o	ELECTRICAL MANHOLE	o
o	ELECTRIC METER	o
o	HVAC UNIT	o
o	TELEPHONE MANHOLE	o
o	LIGHT POLE	o
o	UTILITY POLE	o
o	GUY WIRE	o







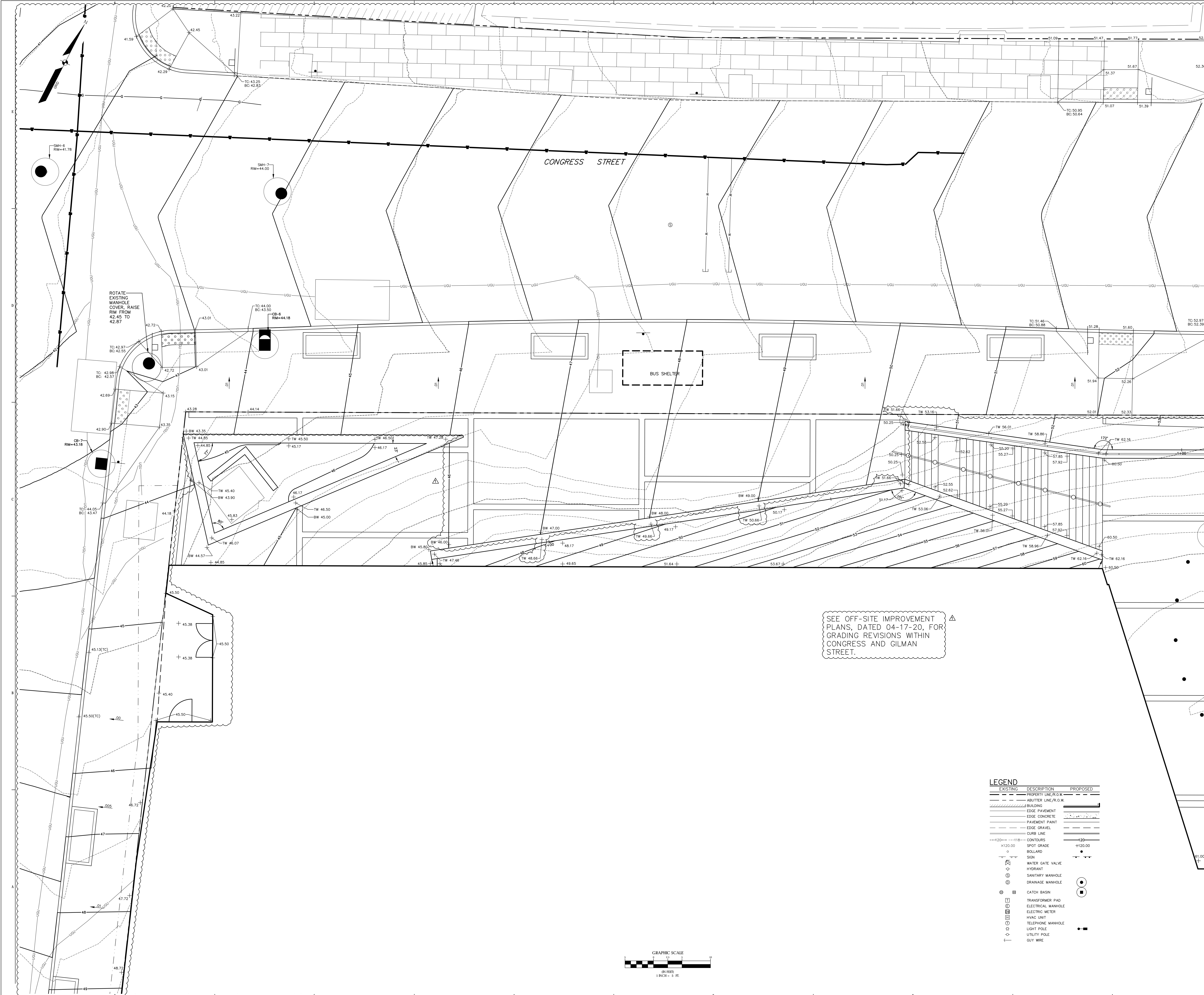
- 1 - NOT USED
- 2 - CONGRESS STREET
- 3 - VISITOR GARAGE
- 4 - EAST TOWER
- 5 - CENTRAL UTILITY PLANT
- 6 - BEAN BUILDING
- 7 - REYNOLDS BUILDING
- 8 - MAINE GENERAL BUILDING



November 15, 2019

NO	ISSUE	DATE
1	ADDENDUM NO. 2	01 MAY 20

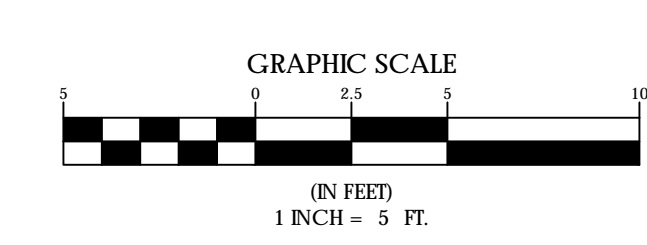
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Checked WTC  
Approved DLR



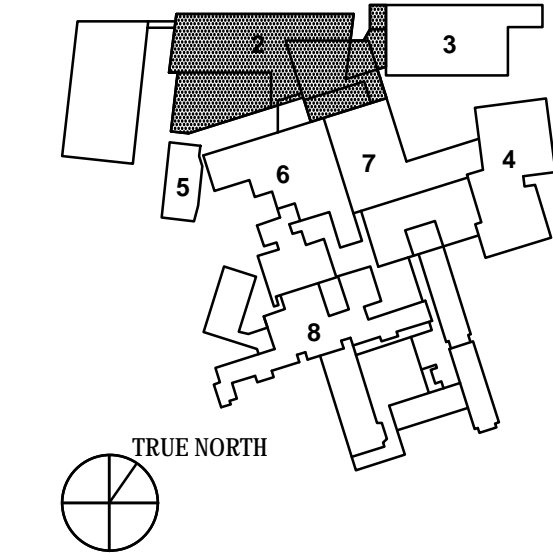
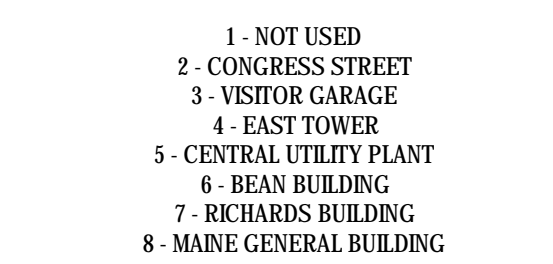
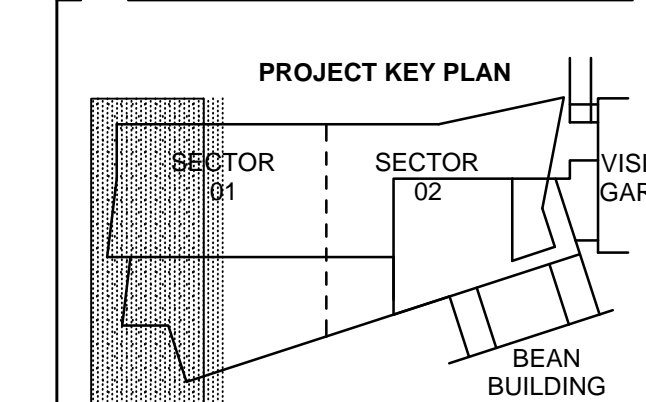
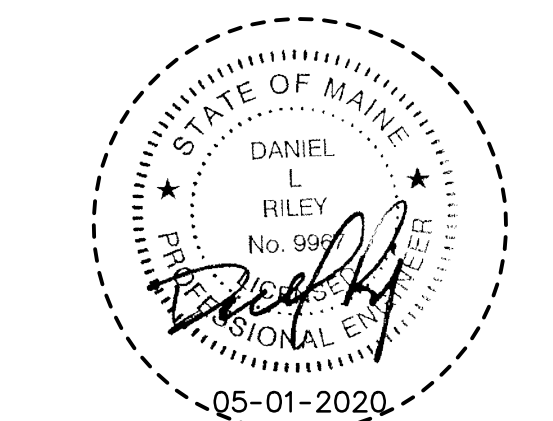
SEE OFF-SITE IMPROVEMENT PLANS, DATED 04-17-20, FOR GRADING REVISIONS WITHIN CONGRESS AND GILMAN STREET.

**LEGEND**

EXISTING	DESCRIPTION	PROPOSED
---	PROPERTY LINE/R.O.W.	---
---	ABUTTER LINE/R.O.W.	---
---	BUILDING	---
---	EDGE PAVEMENT	---
---	EDGE CONCRETE	---
---	PAVEMENT PAINT	---
---	EDGE GRAVEL	---
---	CURB LINE	---
---	CONTOURS	---
+	SPOT GRADE	+
○	BOLLARD	○
○	SIEN	○
○	WATER GATE VALVE	○
○	HYDRANT	○
○	SANITARY MANHOLE	○
○	DRAINAGE MANHOLE	○
○	CATCH BASIN	○
○	TRANSFORMER PAD	○
○	ELECTRICAL MANHOLE	○
○	ELECTRIC METER	○
○	HVAC UNIT	○
○	TELEPHONE MANHOLE	○
○	LIGHT POLE	○
○	UTILITY POLE	○
○	GUY WIRE	○

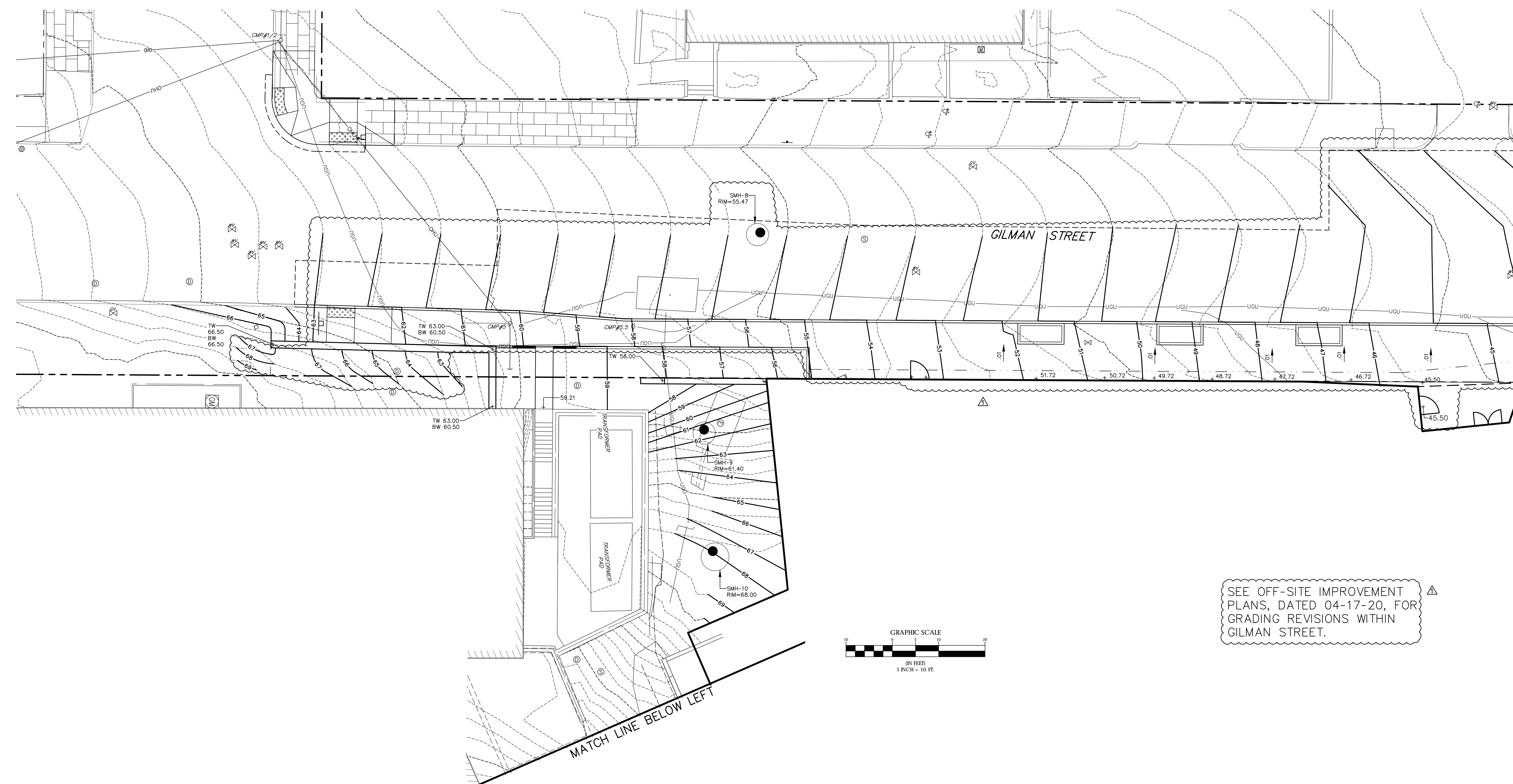






NO.	ISSUE	DATE
1	ADDENDUM NO. 2	01 MAY 20

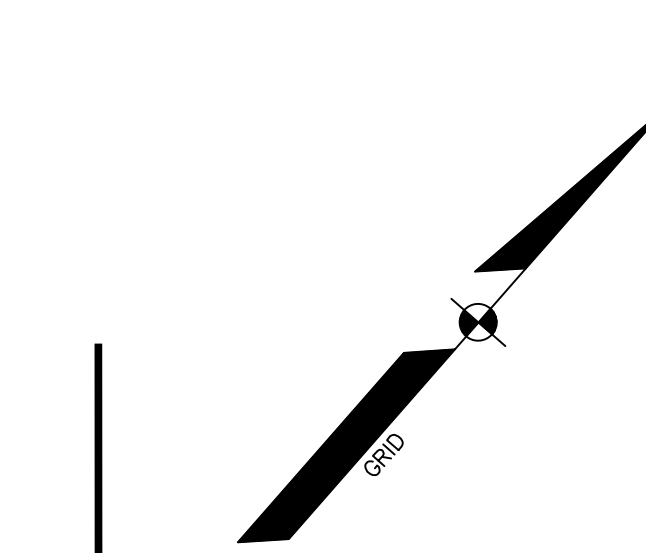
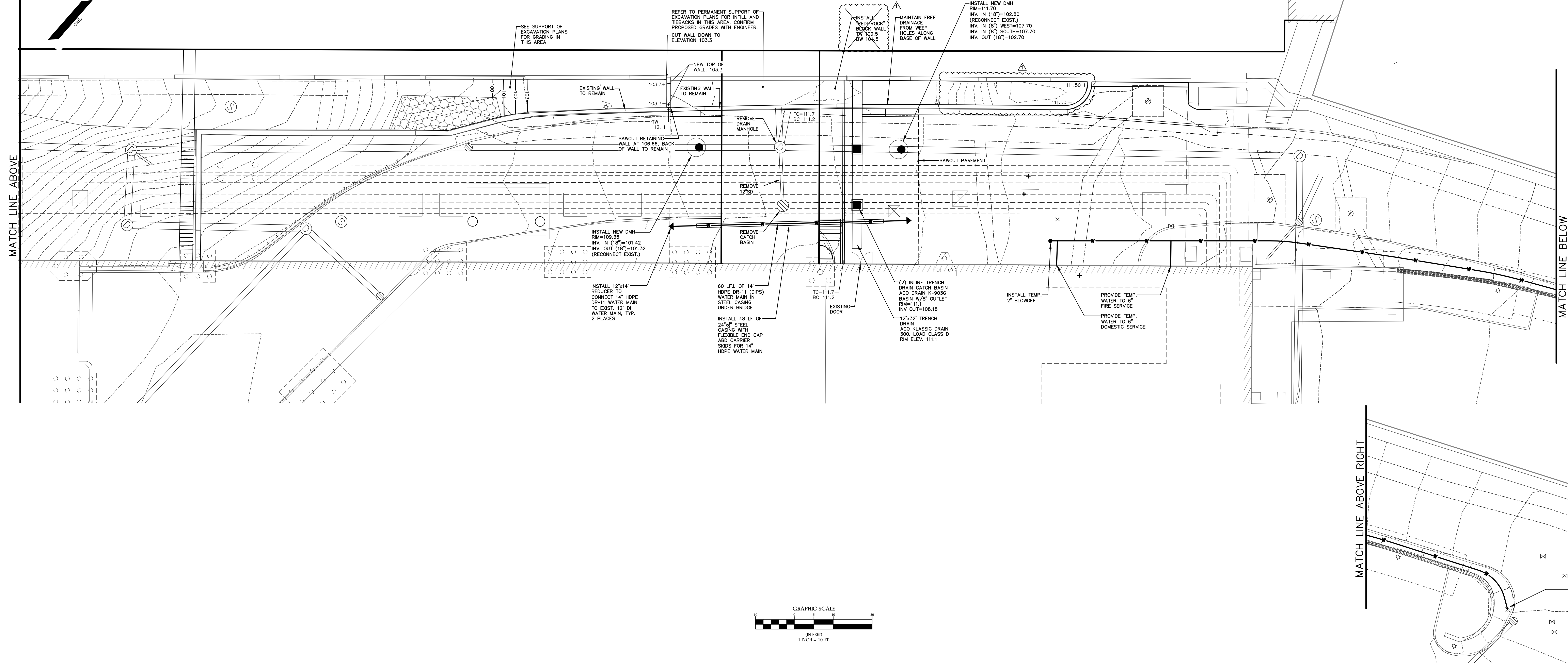
Job Number: 152189.000  
Drawn: MAL  
Checked: WTC  
Approved: DLR



**LEGEND**

EXISTING	DESCRIPTION	PROPOSED
---	PROPERTY LINE (P.O.W.)	---
---	ABUTTER LINE (P.O.W.)	---
---	BUILDING	---
---	EDGE PAVEMENT	---
---	EDGE CONCRETE	---
---	PAVEMENT PAINT	---
---	EDGE GRAVEL	---
---	CURB LINE	---
---	CONTOURS	---
---	SPOT GRADE	---
---	BOLLARD	---
---	SIGN	---
---	WATER GATE VALVE	---
---	HYDRANT	---
---	SANITARY MANHOLE	---
---	DRAINAGE MANHOLE	---
---	CATCH BASIN	---
---	TRANSFORMER PAD	---
---	ELECTRIC MANHOLE	---
---	ELECTRIC METER	---
---	HVAC UNIT	---
---	TELEPHONE MANHOLE	---
---	LIGHT POLE	---
---	UTILITY POLE	---
---	GUY WIRE	---

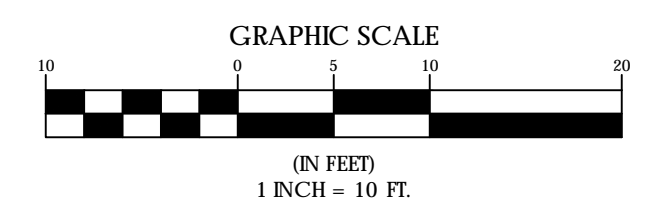
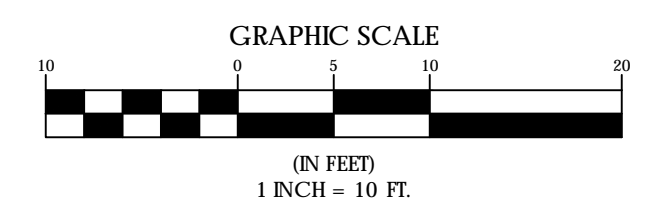
SEE OFF-SITE IMPROVEMENT PLANS, DATED 04-17-20, FOR GRADING REVISIONS WITHIN GILMAN STREET.



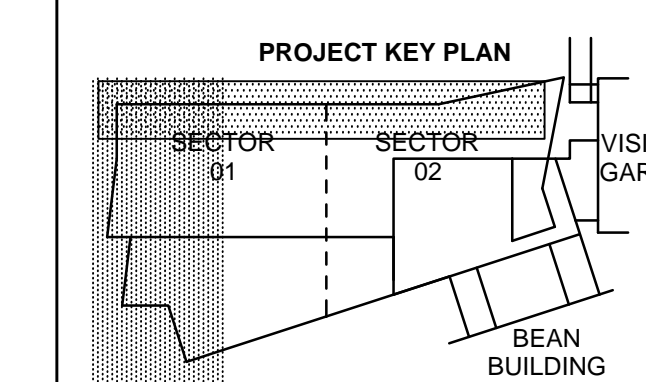
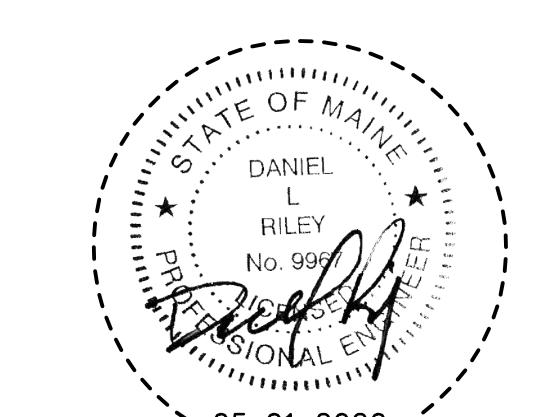
MATCH LINE ABOVE

MATCH LINE BELOW

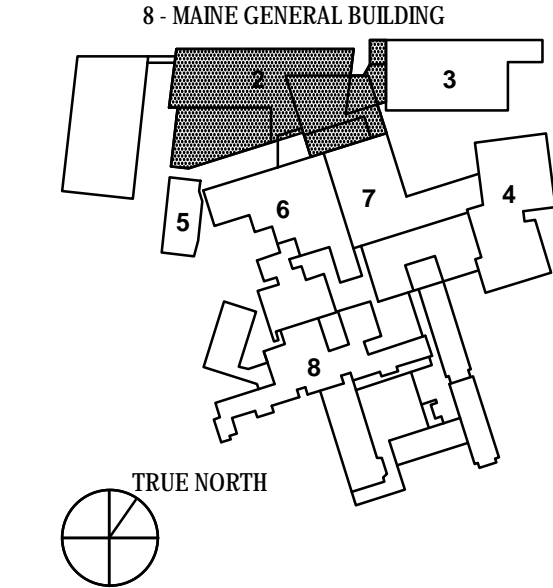
MATCH LINE ABOVE RIGHT





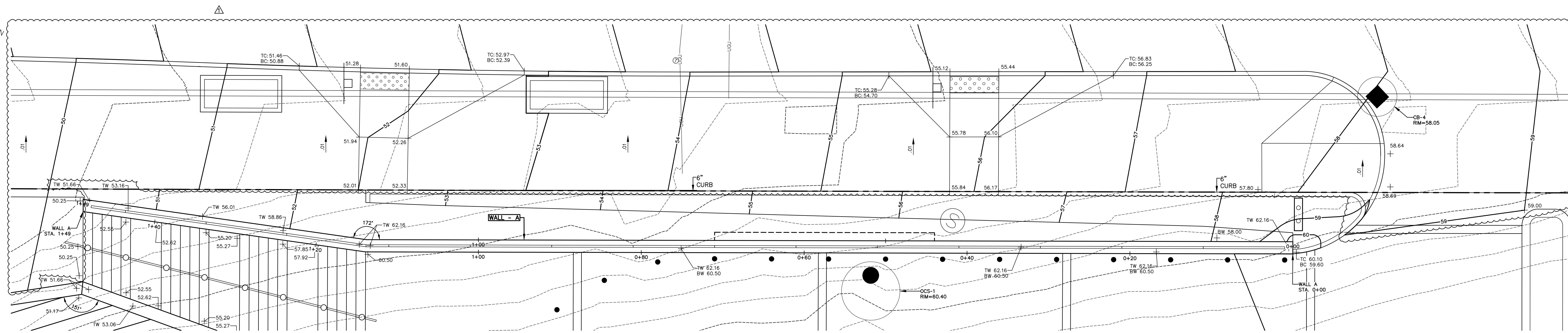


- 1 - NOT USED
- 2 - CONGRESS STREET
- 3 - VISITOR GARAGE
- 4 - EAST TOWER
- 5 - CENTRAL UTILITY PLANT
- 6 - BEAN BUILDING
- 7 - REWARDS BUILDING
- 8 - MAINE GENERAL BUILDING



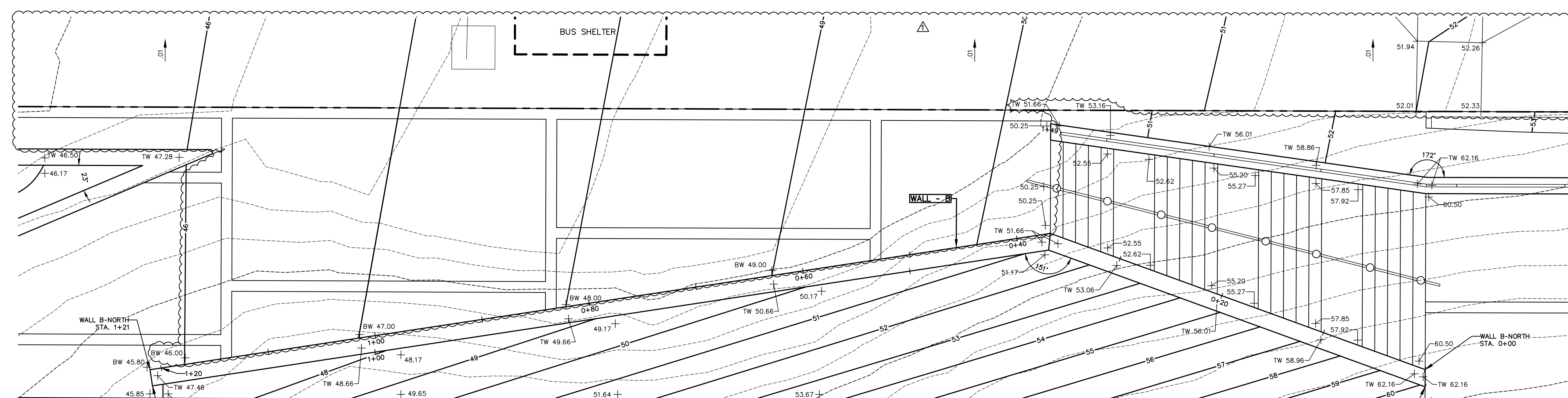
November 15, 2019

NO	ISSUE	DATE
1	ADDENDUM NO. 2	01 MAY 20
Job Number	152189.000	
Drawn	MAL	
Checked	WTC	
Approved	DLR	

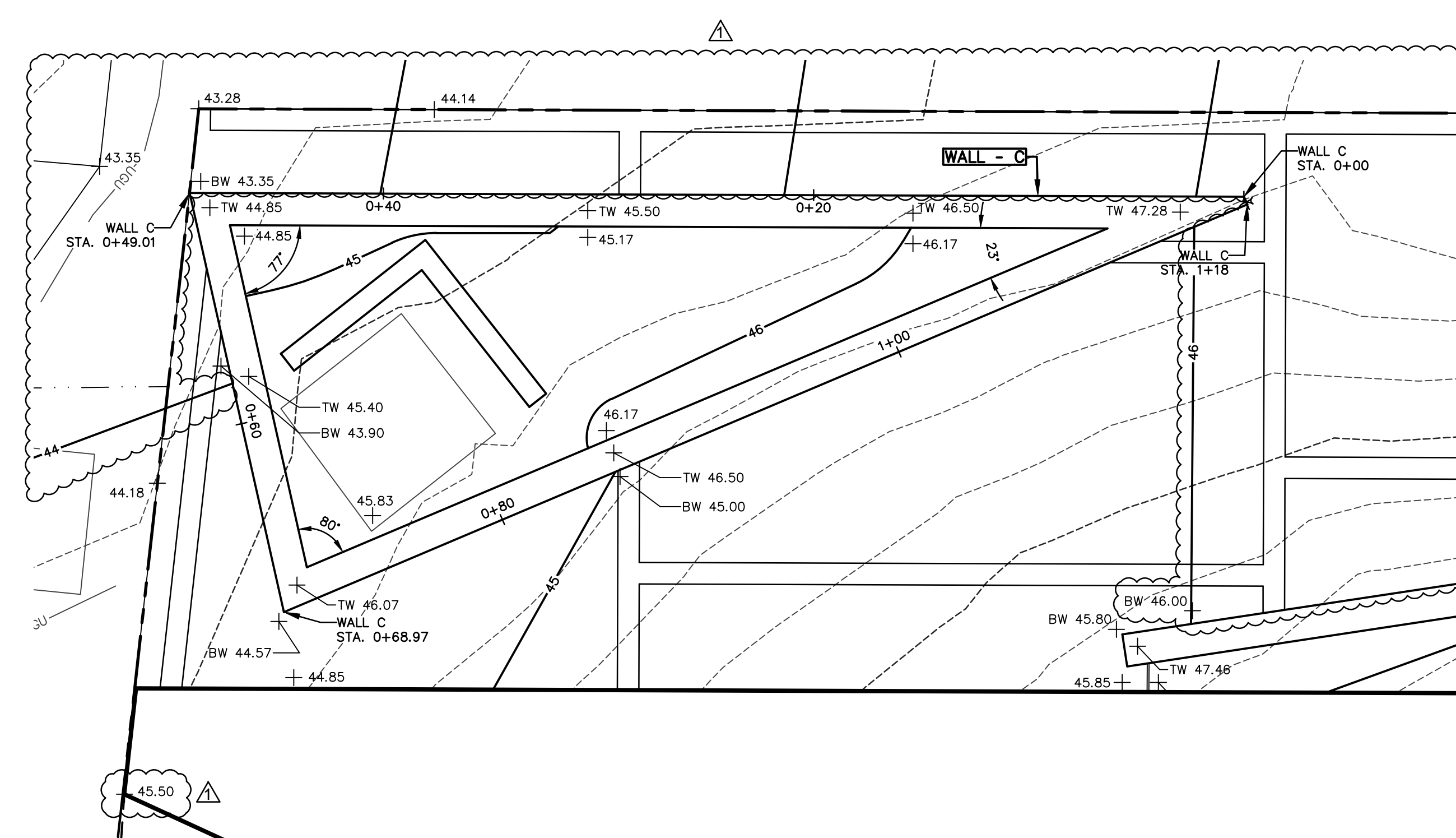


**WALL - A**  
SCALE: 1" = 5'

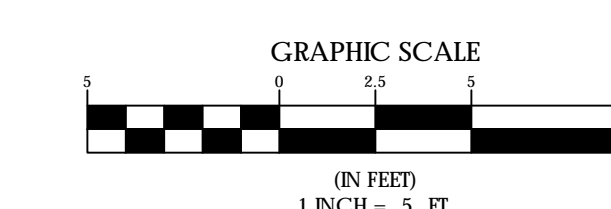
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CONGRESS STREET.



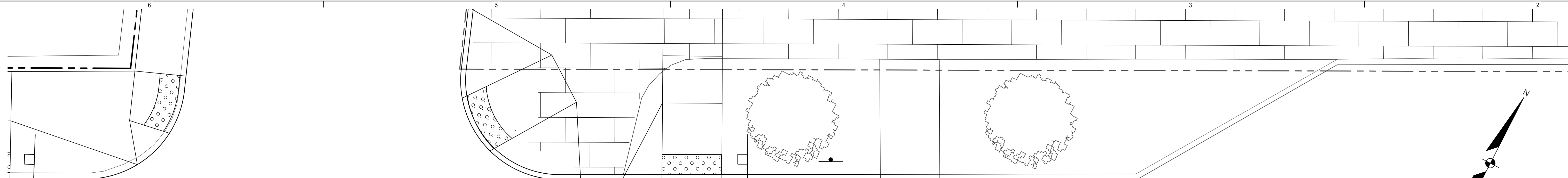
**WALL - B**  
SCALE: 1" = 5'



**WALL - C**  
SCALE: 1" = 5'



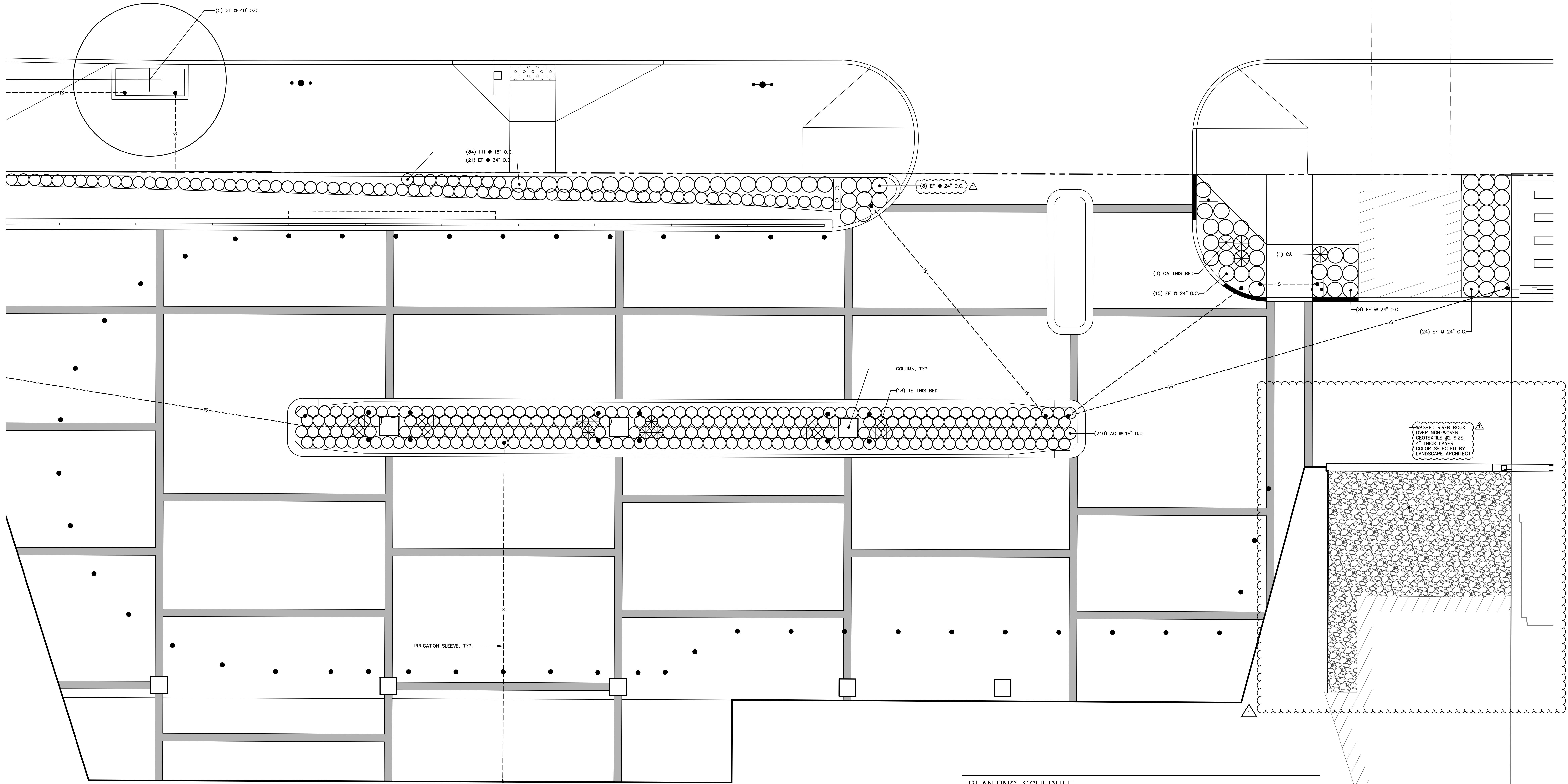




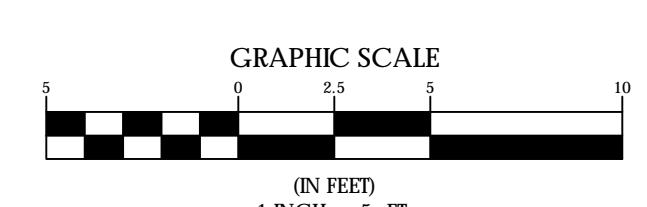
### IRRIGATION SPECIFICATIONS:

- IRRIGATION CONTRACTOR SHALL PROVIDE A COMPLETE UNDERGROUND, AUTOMATIC IRRIGATION SYSTEM WITHIN ALL PLANTING AREAS. THIS PLAN SHALL INCLUDE LOCATIONS OF ALL SLEEVES UNDER PAVEMENTS INCLUDING SLEEVE MATERIAL AND DEPTH. CONTRACTOR SHALL SUBMIT A COMPLETE DESIGN PLAN AND PRODUCT DATA FOR REVIEW AND APPROVAL BY THE OWNER.
- GENERAL CONTRACTOR WILL FURNISH AND INSTALL A 2" BACKFLOW PREVENTER INSIDE THE BUILDING AND WILL EXTEND A 2" MAINLINE TO THE LOCATION DESIGNATED AS "IRRIGATION SOURCE" ON THE PLAN. IRRIGATION CONTRACTOR MAY ASSUME 65 GPM AT 80 PSI AT IRRIGATION SOURCE. FURNISH AND INSTALL A QUICK COUPLING VALVE IN VALVE BOX IMMEDIATELY DOWNSTREAM FROM IRRIGATION SOURCE.
- THE FOLLOWING PRODUCTS SHALL BE UTILIZED:
- DRIP IRRIGATION AT ALL STREET TREE WELLS, ALL SHRUB PLANTINGS ON GILMAN STREET, AND AT ALL PLANTERS AT LEVEL 3 GREEN ROOF.
  - 2" POP UP SPRAY HEADS AT SEDUM AREAS FOR BOTH GREEN ROOFS.
  - 18" POP UP SPRAY HEADS AT ALL GROUNDCOVER BEDS ALONG CONGRESS STREET FRONTAGE.
- REMOTE CONTROL VALVES SHALL BE BRASS CONSTRUCTION AND SHALL BE LOCATED WITHIN VALVE BOXES INSTALLED BELOW GRADE.
- IRRIGATION CONTRACTOR SHALL PROVIDE THE IRRIGATION CONTROLLER WITH RAIN GAUGE - LOCATE IN BUILDING MECHANICAL ROOM - GENERAL CONTRACTOR WILL PROVIDE 115V ELECTRICAL CAPACITY FOR CONTROLLER.
- TESTING THE CONTRACTOR SHALL NOT ALLOW NOR CAUSE ANY OF HIS WORK TO BE COVERED OR ENCLOSED UNTIL IT HAS BEEN INSPECTED, TESTED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
  - MAINLINE THE MAINLINE SHALL BE TESTED AT A PRESSURE OF 150 PSI (10 BAR) FOR A PERIOD OF ONE HOUR, WITH COUPLINGS EXPOSED AND WITH PIPE SECTIONS CENTER LOADED. BEFORE TESTING, THE LINE SHALL HAVE BEEN FILLED WITH WATER FOR AT LEAST TWENTY-FOUR (24) HOURS AND PROVISIONS SHALL BE MADE FOR THOROUGHLY BLEEDING THE LINE OF AIR. THE OWNER'S REPRESENTATIVE SHALL BE PRESENT FOR SAID TESTING.
  - LATERAL LINES AFTER ALL NEW SPRINKLER PIPING AND RISERS ARE IN PLACE AND PRIOR TO INSTALLATION OF SPRINKLER HEADS, EACH CONTROL VALVE SHALL BE OPENED SEPARATELY AND THE SYSTEM SHALL BE THOROUGHLY FLUSHED. AFTER FLUSHING, THE RISERS SHALL BE CAPPED AND THE ENTIRE SYSTEM SHALL BE SUBJECTED TO A HYDROSTATIC PRESSURE TEST, EQUIVALENT TO THE PROPOSED WORKING PRESSURE FOR A PERIOD OF FOUR (4) HOURS. NOT TESTING SHALL BE DONE UNTIL THE LAST JOINT HAS HAD AT LEAST TWELVE (12) HOURS TO SET. LEAKING JOINTS, CRACKED OR DEFECTIVE PIPE OR VALVES SHALL BE CUT OUT AND REPLACED AND THE TEST REPEATED UNTIL SATISFACTORY RESULTS ARE OBTAINED.
  - FINAL TEST AFTER THE HYDROSTATIC TEST, HEADS SHALL BE INSTALLED AND THE SYSTEM COMPLETED AND TESTED TO DEMONSTRATE FUNCTIONAL EFFICIENCY. THE ENTIRE SYSTEM SHALL BE OPERATED THROUGH AT LEAST TWO (2) COMPLETE CYCLES. DEFICIENCIES SHALL BE CORRECTED AT NO COST TO THE OWNER.
- CLEANING UP THE CONTRACTOR SHALL REMOVE FROM THE OWNER'S PROPERTY AND FROM ALL PUBLIC AND PRIVATE PROPERTY, AT HIS OWN EXPENSE, ALL TEMPORARY STRUCTURES, RUBBISH, AND WASTE MATERIALS RESULTING FROM HIS OPERATION.
- GUARANTEE ALL WORK DONE UNDER THIS CONTRACT SHALL BE GUARANTEED AGAINST ALL DEFECTS AND FAULTS OF WORKMANSHIP FOR ONE (1) YEAR FROM DATE OF RECEIPT OF NOTICE OF COMPLETION BY THE CONTRACTOR WITHOUT EXPENSE TO THE OWNER. AFTER THE PROJECT HAS BEEN COMPLETED, THE CONTRACTOR SHALL INSTRUCT THE OWNER'S REPRESENTATIVE IN THE PROPER MAINTENANCE OF THE PROJECT AND SHALL FURNISH A COMPLETE SET OF MAINTENANCE INSTRUCTIONS, ANY AND ALL DAMAGE TO RAIN WATER DRAINS, WATER SUPPLY LINES, GAS LINES, AND/OR OTHER SERVICE LINES ABOVE OR UNDERGROUND, SHALL BE REPLACED AND MADE GOOD BY THE CONTRACTOR AT HIS EXPENSE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THESE SERVICES BEFORE ANY TRENCHING, ETC., TO ELIMINATE DAMAGES OR DELAYS IN SAID SERVICES. UNDERGROUND PIPING AND UTILITIES SHOWN ON DRAWINGS ARE SCHEMATIC. THEIR LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR.

CONGRESS STREET



KEY	BOTANICAL NAME	COMMON NAME	SIZE/REMARKS
GT	GLEDITSIA TRIACANTHOS INERMIS 'STREET KEEPER'	HONEYLOCUST	4 IN. CALIPER
AL	AMELANCHIER LAEVIS	ALLEGHENY SERVICEBERRY	8'-10' HGT
EF	EUONYMUS FORTUNEI 'COLORATUS'	WINTERREEPER	NO. 3 CONTAINER
MG	MYRICA GALE	BAYBERRY	NO. 3 CONTAINER
HH	HEDERA HELIX	ENGLISH IVY	NO. 2 CONTAINER
CA	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	REED GRASS	NO. 2 CONTAINER
AC	ASARUM CANADENSE	EUROPEAN WILD GINGER	NO. 2 CONTAINER
TE	TRILLIUM ERECTUM	WAKE ROBIN	NO. 2 CONTAINER
VA	VACCINIUM ANGUSTIFOLIUM	LOWBUSH BLUEBERRY	NO. 1 CONTAINER



### PERKINS + WILL

233 Franklin Street, Suite 1100  
Boston, MA 02110  
617.638.8800  
617.478.8321  
www.perkinswill.com

CLIENT

Maine Medical Center  
MaineHealth

22 Bramhall Street  
Portland, ME 04102

CONSULTANTS

LANDSCAPE ARCHITECT  
Sebago Technics Inc.  
75 John Robson Road, Suite 1A,  
South Portland, ME 04106

STRUCTURAL ENG. BUILDING ENVELOPE CONSULTANT  
Simpson Gumpertz & Heger Inc.  
41 Severy Street Building 1, Suite 500  
Waltham, MA 02453

MEPEP ENGINEER/CODES/LOW VOLTAGE  
AKF Group LLC  
99 Bedford Street, 2nd Floor, Boston, MA 02111

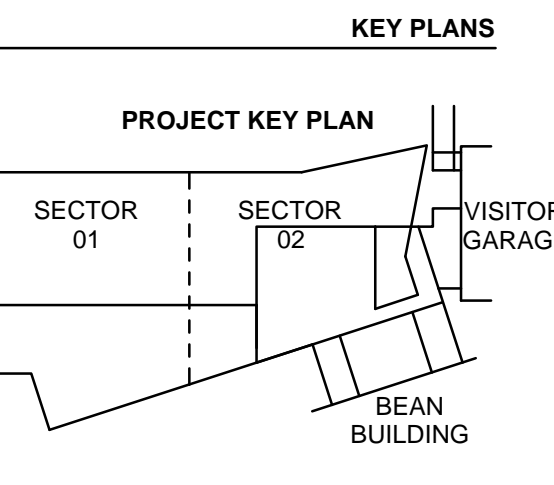
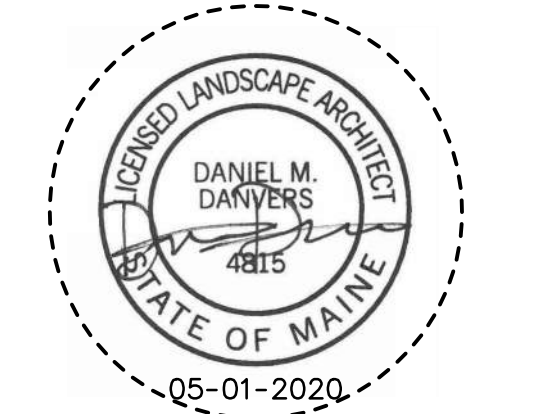
CONSTRUCTION MANAGER  
TURNER CONSTRUCTION  
2 Sappart Lane, Suite 200, Boston, MA 02210

ELEVATOR CONSULTANT  
VDA (Van Deusen & Associates)  
101 Summer Street, 4th Floor, Boston, MA 02110

COST ESTIMATOR  
D.G. Jones International  
3 Baboys Green Common, Suite 202, Woburn, MA 01801

MEDICAL EQUIPMENT PLANNING  
Mitchell Planning  
630 Dunbar Road, Suite 340, Northbrook, IL 60062

PROJECT TITLE  
Congress Street Building  
22 Bramhall Street  
Portland ME 04102



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

ISSUED FOR CONSTRUCTION  
November 15, 2019

NO.	ADDENDUM NO.	DATE
1	ADDENDUM NO. 2	01 MAY 20
	ISSUE	DATE

Job Number 152189.000  
Drawn MAL  
Checked DMD  
Approved DMD

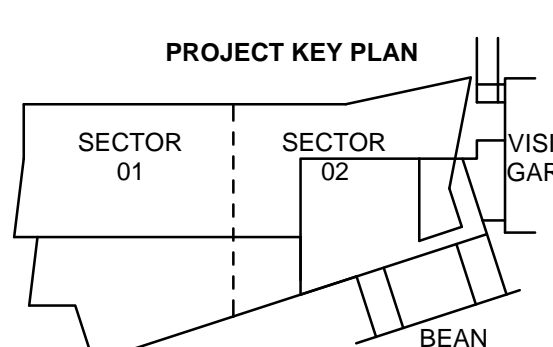
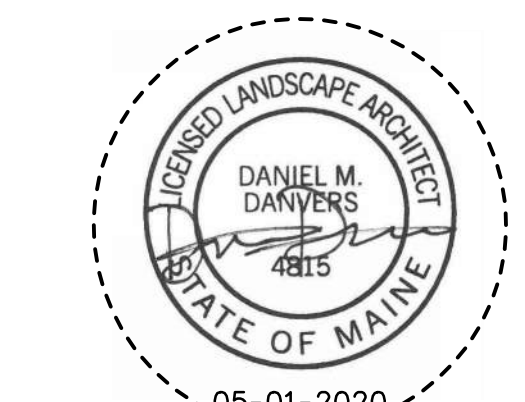
TITLE  
LANDSCAPE PLAN,  
UPPER CONGRESS

SHEET NUMBER

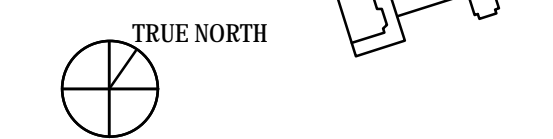
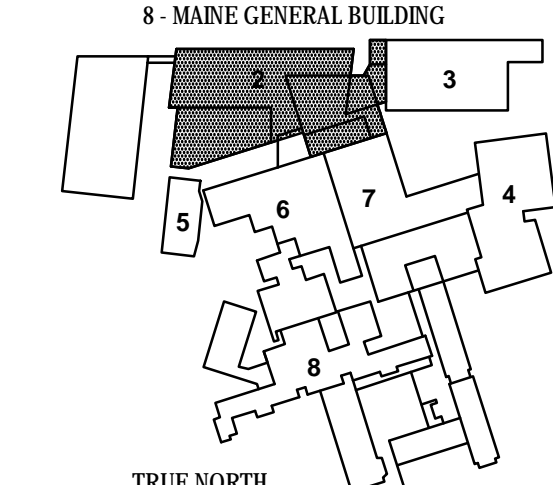
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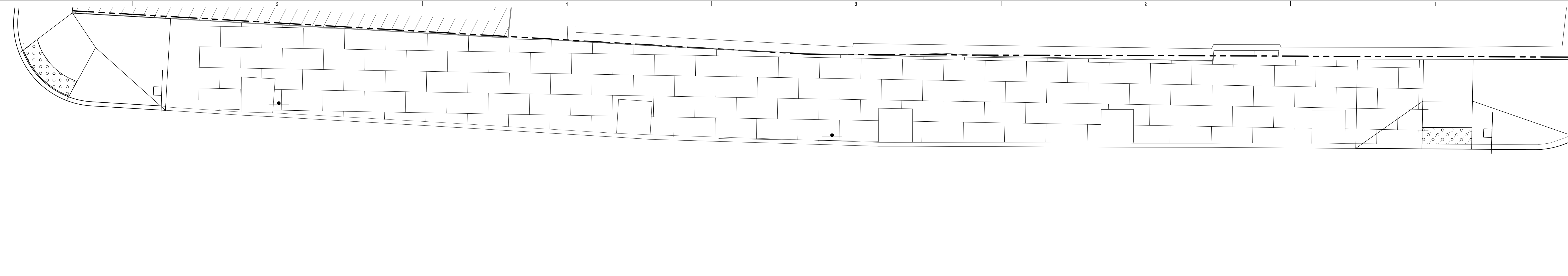
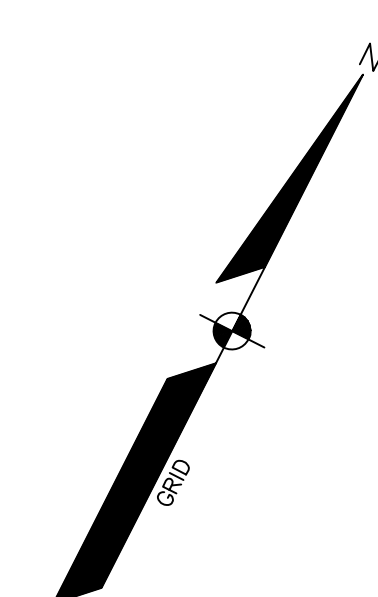




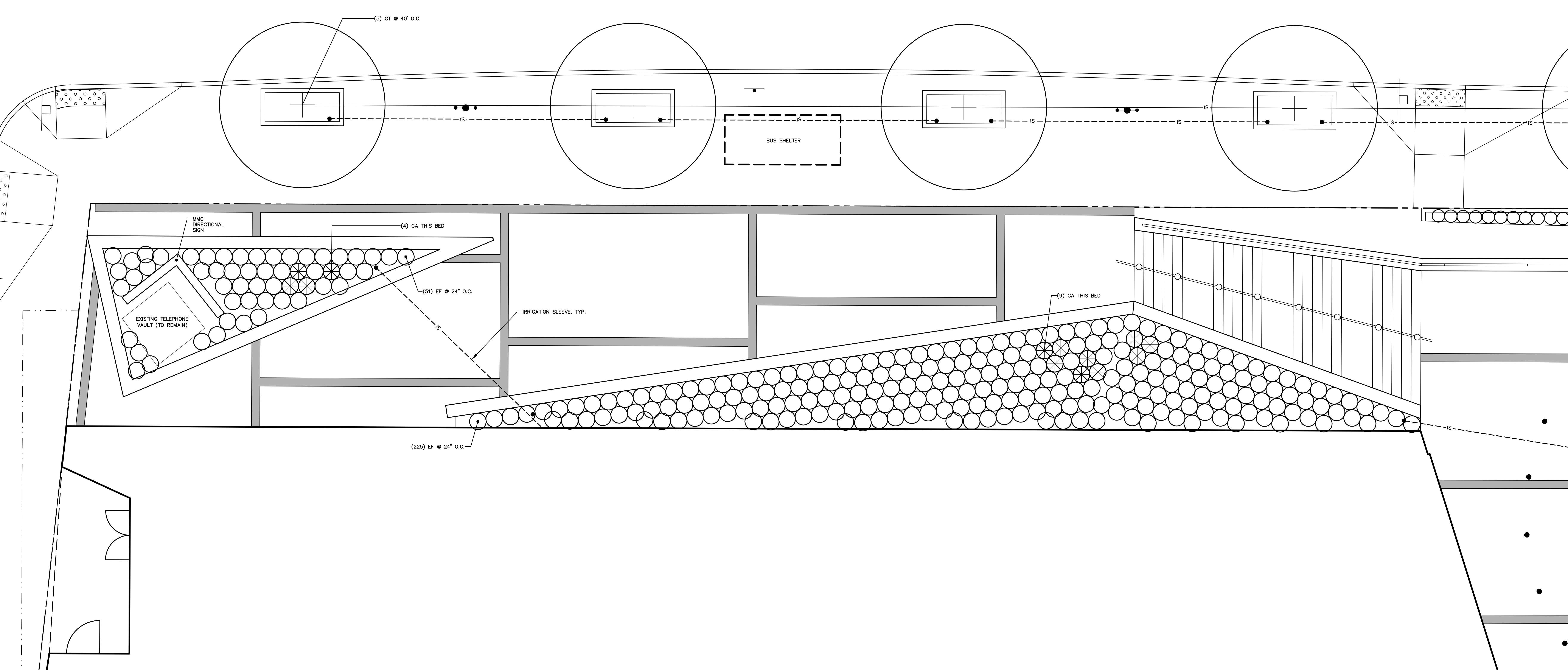
- 1 - NOT USED
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NO.	ISSUE	DATE
1	ADDENDUM NO. 2	01 MAY 20
Drawn	DMD	
Checked	DMD	
Approved	DMD	

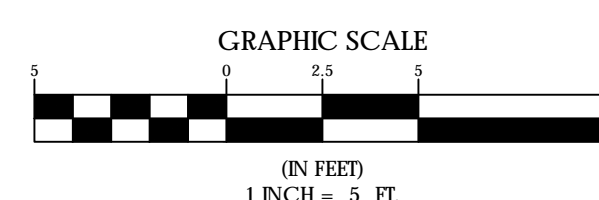


CONGRESS STREET



**IRRIGATION SPECIFICATIONS:**

1. IRRIGATION CONTRACTOR SHALL PROVIDE A COMPLETE UNDERGROUND, AUTOMATIC IRRIGATION SYSTEM WITHIN ALL PLANTING AREAS. THIS PLAN SHALL INCLUDE LOCATIONS OF ALL SLEEVES UNDER PAVEMENTS, INCLUDING SLEEVE MATERIAL AND DEPTH. CONTRACTOR SHALL SUBMIT A COMPLETE DESIGN PLAN AND PRODUCT DATA FOR REVIEW AND APPROVAL BY THE OWNER.
2. GENERAL CONTRACTOR WILL FURNISH AND INSTALL A 2" BACKFLOW PREVENTER INSIDE THE BUILDING AND WILL EXTEND A 2" MAINLINE TO THE LOCATION DESIGNATED AS "IRRIGATION SOURCE" ON THE PLAN. IRRIGATION CONTRACTOR MAY ASSUME 65 GPM AT 80 PSI AT IRRIGATION SOURCE. FURNISH AND INSTALL A QUICK COUPLING VALVE IN VALVE BOX IMMEDIATELY DOWNSTREAM FROM IRRIGATION SOURCE.
3. THE FOLLOWING PRODUCTS SHALL BE UTILIZED:
4. DRIP IRRIGATION AT ALL STREET TREE WELLS, ALL SHRUB PLANTINGS ON GILMAN STREET, AND AT ALL PLANTERS AT LEVEL 3 GREEN ROOF.
  - A. 6" POP UP SPRAY HEADS AT SEDUM AREAS FOR BOTH GREEN ROOFS.
  - B. 18" POP UP SPRAY HEADS AT ALL GROUNDCOVER BEDS ALONG CONGRESS STREET FRONTAGE.
5. REMOTE CONTROL VALVES SHALL BE BRASS CONSTRUCTION AND SHALL BE LOCATED WITHIN VALVE BOXES INSTALLED BELOW GRADE.
6. IRRIGATION CONTRACTOR SHALL PROVIDE THE IRRIGATION CONTROLLER WITH RAIN GAUGE - LOCATE IN BUILDING MECHANICAL ROOM - GENERAL CONTRACTOR WILL PROVIDE 115V ELECTRICAL CAPACITY FOR CONTROLLER.
7. TESTING THE CONTRACTOR SHALL NOT ALLOW NOR CAUSE ANY OF HIS WORK TO BE COVERED OR ENCLOSED UNTIL IT HAS BEEN INSPECTED, TESTED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
  - A. MAINLINE TESTING: MAINLINE SHALL BE TESTED AT A PRESSURE OF 150 PSI (10" BAR) FOR A PERIOD OF ONE HOUR, WITH COUPLINGS EXPOSED AND WITH PIPE SECTIONS CENTER LOADED. BEFORE TESTING, THE LINE SHALL HAVE BEEN FILLED WITH WATER FOR AT LEAST TWENTY-FOUR (24) HOURS AND PROVISIONS SHALL BE MADE FOR THOROUGHLY BLEEDING THE LINE OF AIR. THE OWNER'S REPRESENTATIVE SHALL BE PRESENT FOR SAID TESTING.
  - B. LATERAL LINES AFTER ALL NEW SPRINKLER PIPING AND RISERS ARE IN PLACE AND PRIOR TO INSTALLATION OF SPRINKLER HEADS EACH CONTROL VALVE SHALL BE OPENED SEPARATELY AND THE SYSTEM SHALL BE THOROUGHLY FLUSHED. AFTER FLUSHING, THE RISERS SHALL BE CAPPED AND THE ENTIRE SYSTEM SHALL BE SUBJECTED TO A HYDROSTATIC PRESSURE TEST, EQUIVALENT TO THE PROPOSED WORKING PRESSURE, FOR A PERIOD OF FOUR (4) HOURS. NOT TESTING SHALL BE DONE UNTIL THE LAST JOINT HAS HAD AT LEAST TWELVE (12) HOURS TO SET. LEAKING JOINTS, CRACKS OR DEFECTIVE PIPE OR VALVES SHALL BE CUT OUT AND REPLACED AND THE TEST REPEATED UNTIL SATISFACTORY RESULTS ARE OBTAINED.
  - C. FINAL TEST AFTER THE HYDROSTATIC TEST HEADS SHALL BE INSTALLED AND THE SYSTEM COMPLETED AND TESTED TO DEMONSTRATE FUNCTIONAL EFFICIENCY. THE ENTIRE SYSTEM SHALL BE OPERATED THROUGH AT LEAST TWO (2) COMPLETE CYCLES. DEFICIENCIES SHALL BE CORRECTED AT NO COST TO THE OWNER.
8. CLEANING UP THE CONTRACTOR SHALL REMOVE FROM THE OWNER'S PROPERTY AND FROM ALL PUBLIC AND PRIVATE PROPERTY, AT HIS OWN EXPENSE, ALL TEMPORARY STRUCTURES, RUBBISH, AND WASTE MATERIALS RESULTING FROM HIS OPERATION.
9. GUARANTEE ALL WORK DONE UNDER THIS CONTRACT, SHALL BE GUARANTEED AGAINST ALL DEFECTS AND FAULTS OF WORKMANSHIP FOR ONE (1) YEAR FROM DATE OF RECEIPT OF NOTICE OF COMPLETION BY THE CONTRACTOR WITHOUT EXPENSE TO THE OWNER. AFTER THE PROJECT HAS BEEN COMPLETED, THE CONTRACTOR SHALL INSTRUCT THE OWNER REPRESENTATIVE IN THE PROPER MAINTENANCE OF THE PROJECT AND SHALL FURNISH A COMPLETE SET OF MAINTENANCE INSTRUCTIONS. ANY AND ALL DAMAGE TO RAIN WATER DRAINS, WATER SUPPLY LINES, GAS LINES, AND/OR OTHER SERVICE LINES ABOVE OR UNDERGROUND, SHALL BE REPLACED AND MADE GOOD BY THE CONTRACTOR AT HIS EXPENSE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THESE SERVICES BEFORE ANY TRENCHING, ETC., TO ELIMINATE DAMAGES OR DELAYS IN SAID SERVICES. UNDERGROUND PIPING AND UTILITIES SHOWN ON DRAWINGS ARE SCHEMATIC. THEIR LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR.

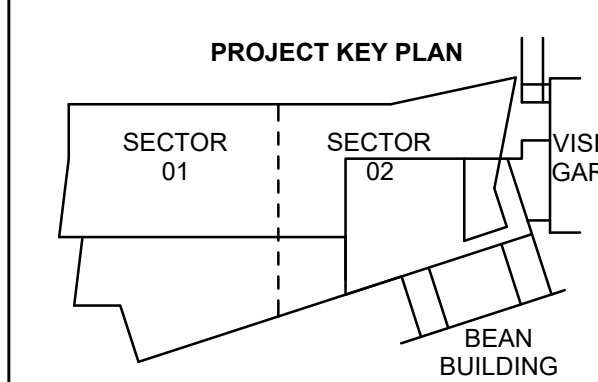


**PLANTING SCHEDULE**

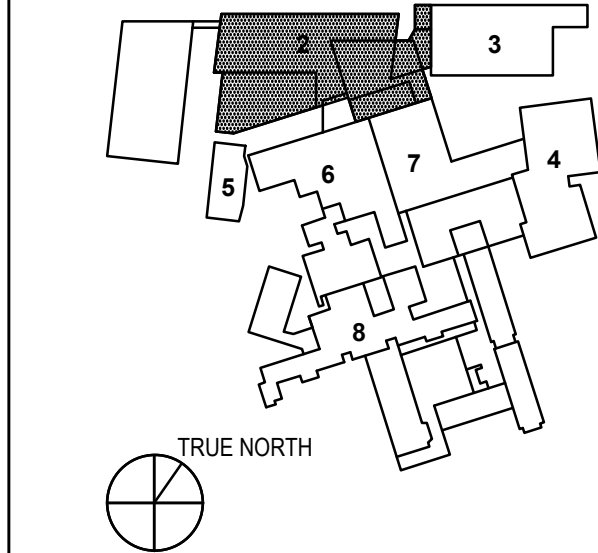
KEY	BOTANICAL NAME	COMMON NAME	SIZE/REMARKS
GT	GLEDITSIA TRIACANTHOS INERMIS 'STREET KEEPER'	HONEYLOCUST	4 IN. CALIPER
AL	AMELANCHIER LAEVIS	ALLEGHENY SERVICEBERRY	6'-10' HGT
EF	EUONYMUS FORTUNEI 'COLORATUS'	WINTERCREEPER	NO. 3 CONTAINER
MG	MYRICA GALE	BAJBERRY	NO. 3 CONTAINER
HH	HEDERA HELIX	ENGLISH IVY	NO. 2 CONTAINER
CA	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	REED GRASS	NO. 2 CONTAINER
AC	ASARUM CANADENSE	EUROPEAN WILD GINGER	NO. 2 CONTAINER
TE	TRILLIUM ERECTUM	WAKE ROBIN	NO. 2 CONTAINER
VA	VACCINIUM ANGUSTIFOLIUM	LOWBUSH BLUEBERRY	NO. 1 CONTAINER

TABLES 500-1, 500-2, 500-3, 500-4, 500-5, 500-6, 500-7, 500-8, 500-9, 500-10, 500-11, 500-12, 500-13, 500-14, 500-15, 500-16, 500-17, 500-18, 500-19, 500-20, 500-21, 500-22, 500-23, 500-24, 500-25, 500-26, 500-27, 500-28, 500-29, 500-30, 500-31, 500-32, 500-33, 500-34, 500-35, 500-36, 500-37, 500-38, 500-39, 500-40, 500-41, 500-42, 500-43, 500-44, 500-45, 500-46, 500-47, 500-48, 500-49, 500-50, 500-51, 500-52, 500-53, 500-54, 500-55, 500-56, 500-57, 500-58, 500-59, 500-60, 500-61, 500-62, 500-63, 500-64, 500-65, 500-66, 500-67, 500-68, 500-69, 500-70, 500-71, 500-72, 500-73, 500-74, 500-75, 500-76, 500-77, 500-78, 500-79, 500-80, 500-81, 500-82, 500-83, 500-84, 500-85, 500-86, 500-87, 500-88, 500-89, 500-90, 500-91, 500-92, 500-93, 500-94, 500-95, 500-96, 500-97, 500-98, 500-99, 500-100





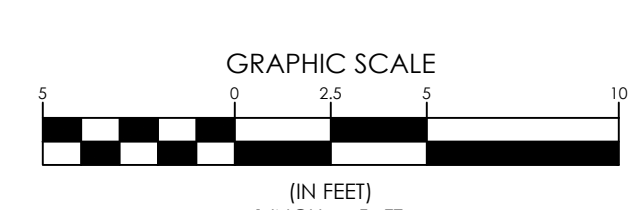
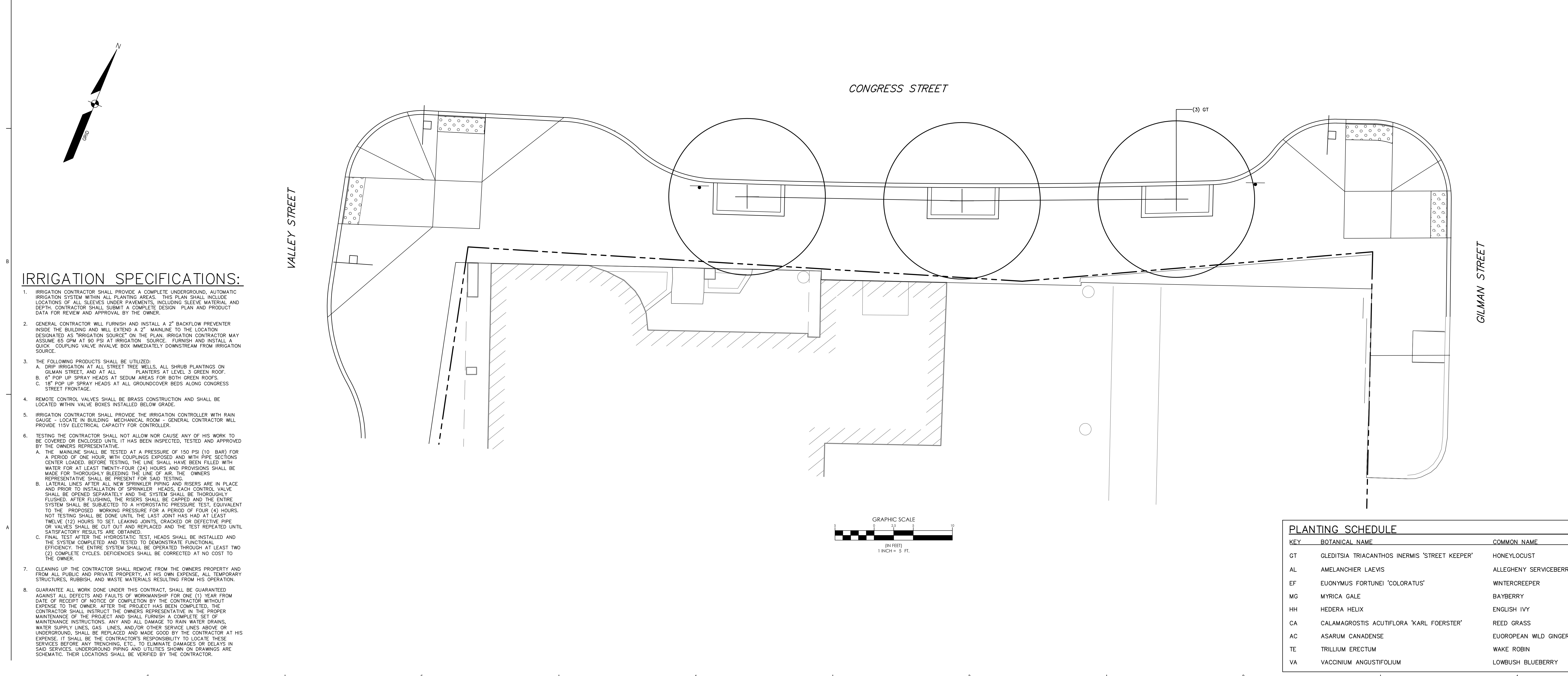
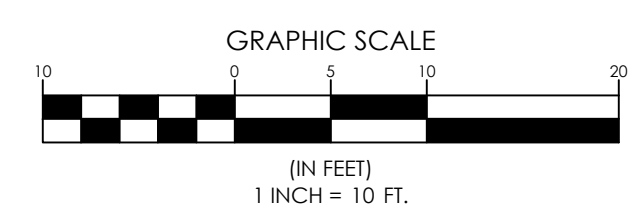
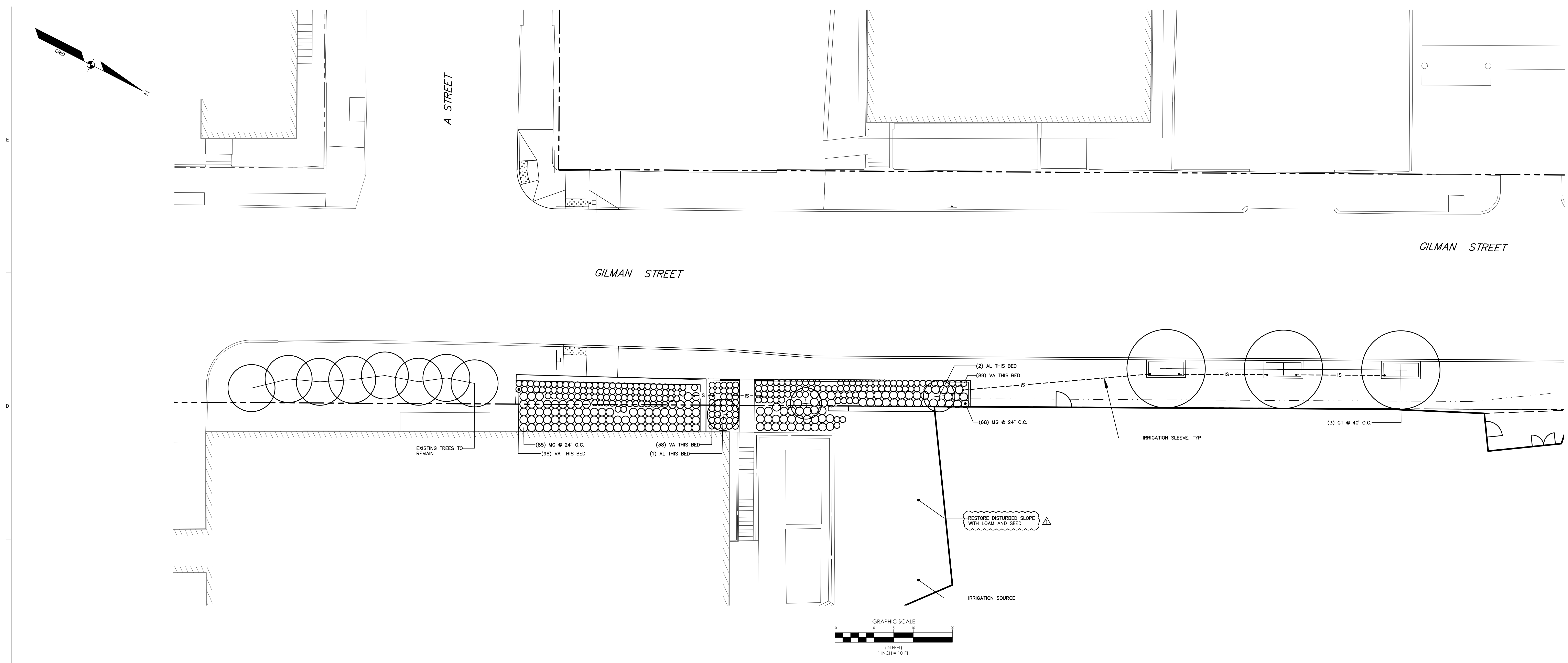
- 1 - NOT USED
- 2 - CONGRESS STREET
- 3 - VISITOR GARAGE
- 4 - EAST TOWER
- 5 - CENTRAL UTILITY PLANT
- 6 - BEAN BUILDING
- 7 - RICHARDS BUILDING
- 8 - MAINE GENERAL BUILDING



November 16, 2019

1	ADDENDUM NO. 2	01 MAY 20
NO	ISSUE	DATE
Job Number	152189.000	
Drawn	MAL	
Checked	DMD	
Approved	DMD	

TITLE  
**LANDSCAPE PLAN,  
CONGRESS AND  
GILMAN STREET**



**IRRIGATION SPECIFICATIONS:**

1. IRRIGATION CONTRACTOR SHALL PROVIDE A COMPLETE UNDERGROUND, AUTOMATIC IRRIGATION SYSTEM WITHIN ALL PLANTING AREAS. THIS PLAN SHALL INCLUDE LOCATIONS OF ALL SLEEVES UNDER PAVEMENTS, INCLUDING SLEEVE MATERIAL AND DEPTH. CONTRACTOR SHALL SUBMIT A COMPLETE DESIGN PLAN AND PRODUCT DATA FOR REVIEW AND APPROVAL BY THE OWNER.
2. GENERAL CONTRACTOR WILL FURNISH AND INSTALL A 2" BACKFLOW PREVENTER INSIDE THE BUILDING AND WILL EXTEND A 2" MAINLINE TO THE LOCATION DESIGNATED AS "IRRIGATION SOURCE" ON THE PLAN. IRRIGATION CONTRACTOR MAY ASSUME 65 GPM AT 90 PSI AT IRRIGATION SOURCE. FURNISH AND INSTALL A QUICK COUPLING VALVE IN VALVE BOX IMMEDIATELY DOWNSTREAM FROM IRRIGATION SOURCE.
3. THE FOLLOWING PRODUCTS SHALL BE UTILIZED:  
A. DRIP IRRIGATION AT ALL STREET TREE WELLS, ALL SHRUB PLANTINGS ON GILMAN STREET, AND AT ALL PLANTERS AT LEVEL 3 GREEN ROOF.  
B. 6" POP UP SPRAY HEADS AT SEDUM AREAS FOR BOTH GREEN ROOFS.  
C. 18" POP UP SPRAY HEADS AT ALL GROUNDCOVER BEDS ALONG CONGRESS STREET FRONTAGE.
4. REMOTE CONTROL VALVES SHALL BE BRASS CONSTRUCTION AND SHALL BE LOCATED WITHIN VALVE BOXES INSTALLED BELOW GRADE.
5. IRRIGATION CONTRACTOR SHALL PROVIDE THE IRRIGATION CONTROLLER WITH RAIN GAUGE - LOCATE IN BUILDING MECHANICAL ROOM - GENERAL CONTRACTOR WILL PROVIDE 15V ELECTRICAL CAPACITY FOR CONTROLLER.
6. TESTING THE CONTRACTOR SHALL NOT ALLOW WORK BEING COVERED OR ENCLOSED UNTIL IT HAS BEEN INSPECTED, TESTED AND APPROVED BY THE OWNER'S REPRESENTATIVE.  
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T:\46613.dwg, TAB: L50-03, L5: GILMAN