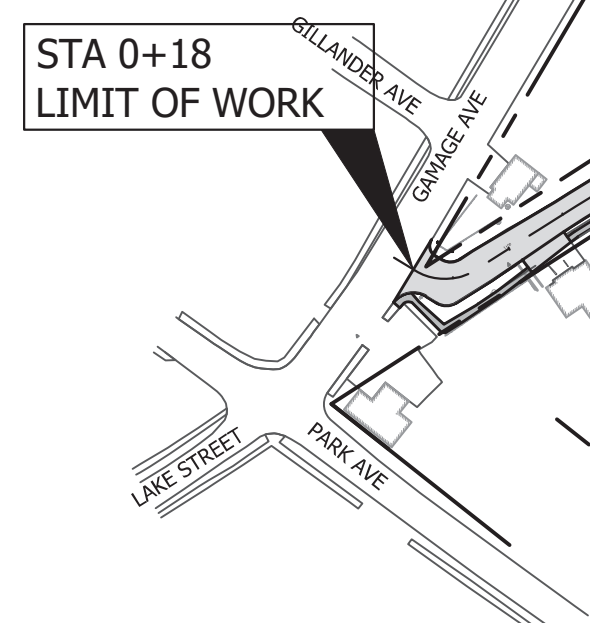
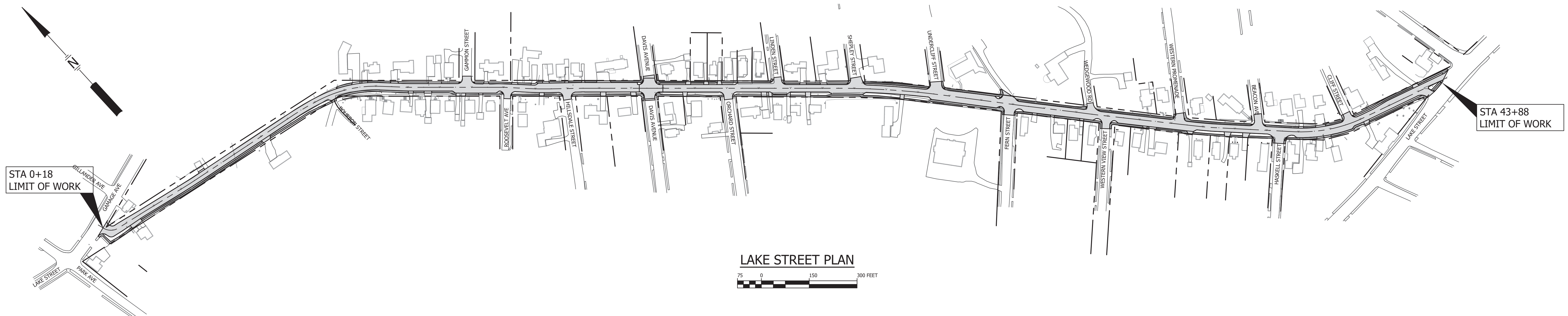
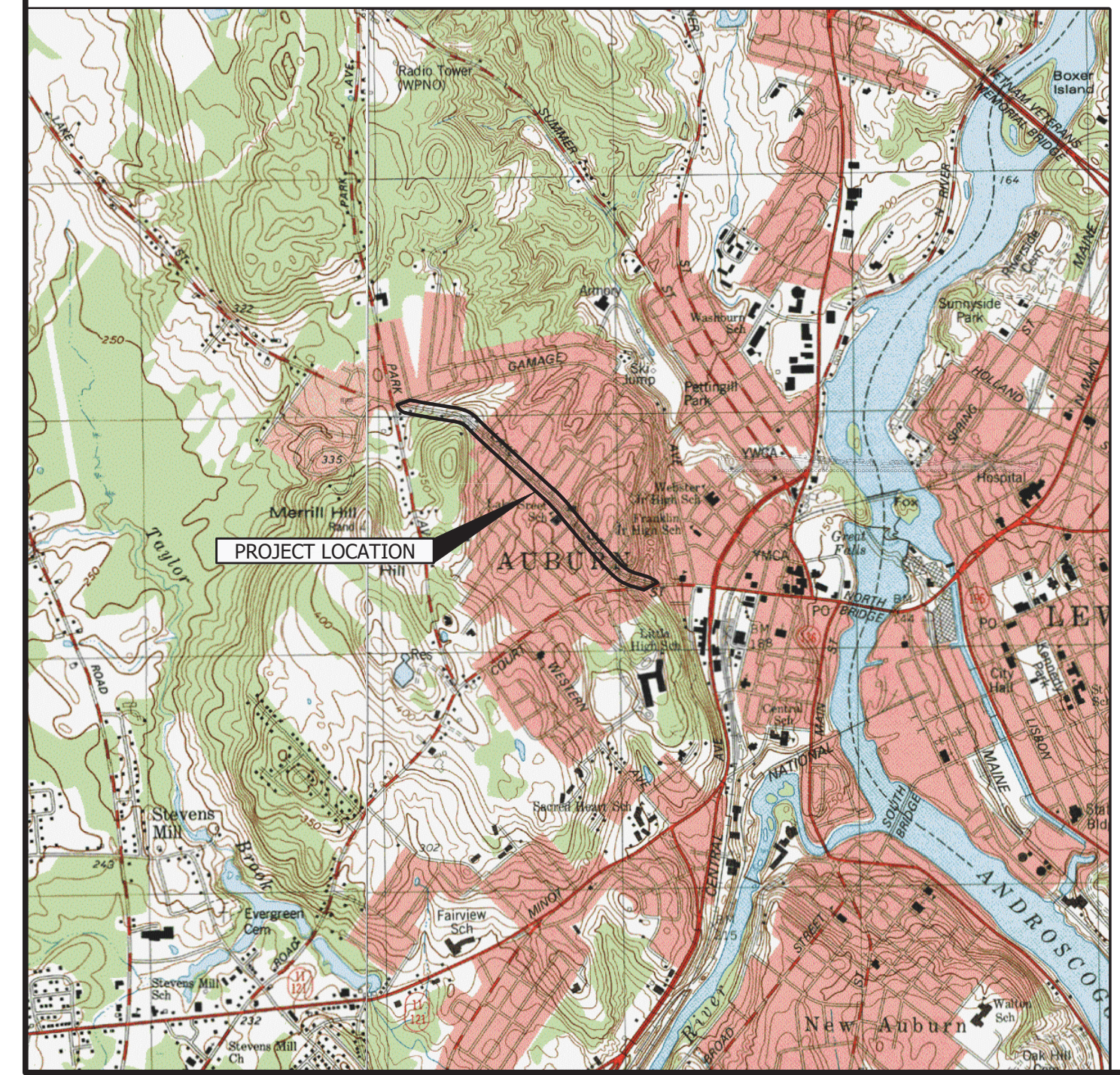


CITY OF AUBURN LAKE STREET IMPROVEMENTS AUBURN, MAINE

ANDROSCOGGIN COUNTY
PROJECT LENGTH: 0.8 MILES
ROADWAY IMPROVEMENT PROJECT
SUMMER 2017

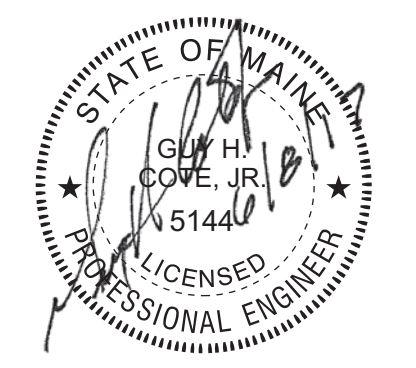


LOCATION MAP



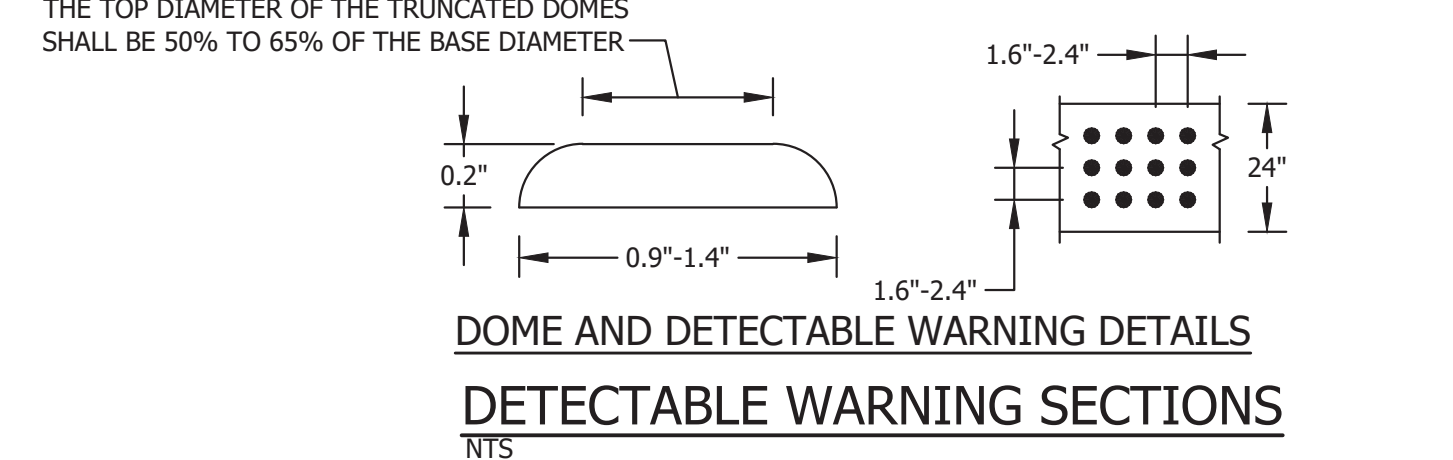
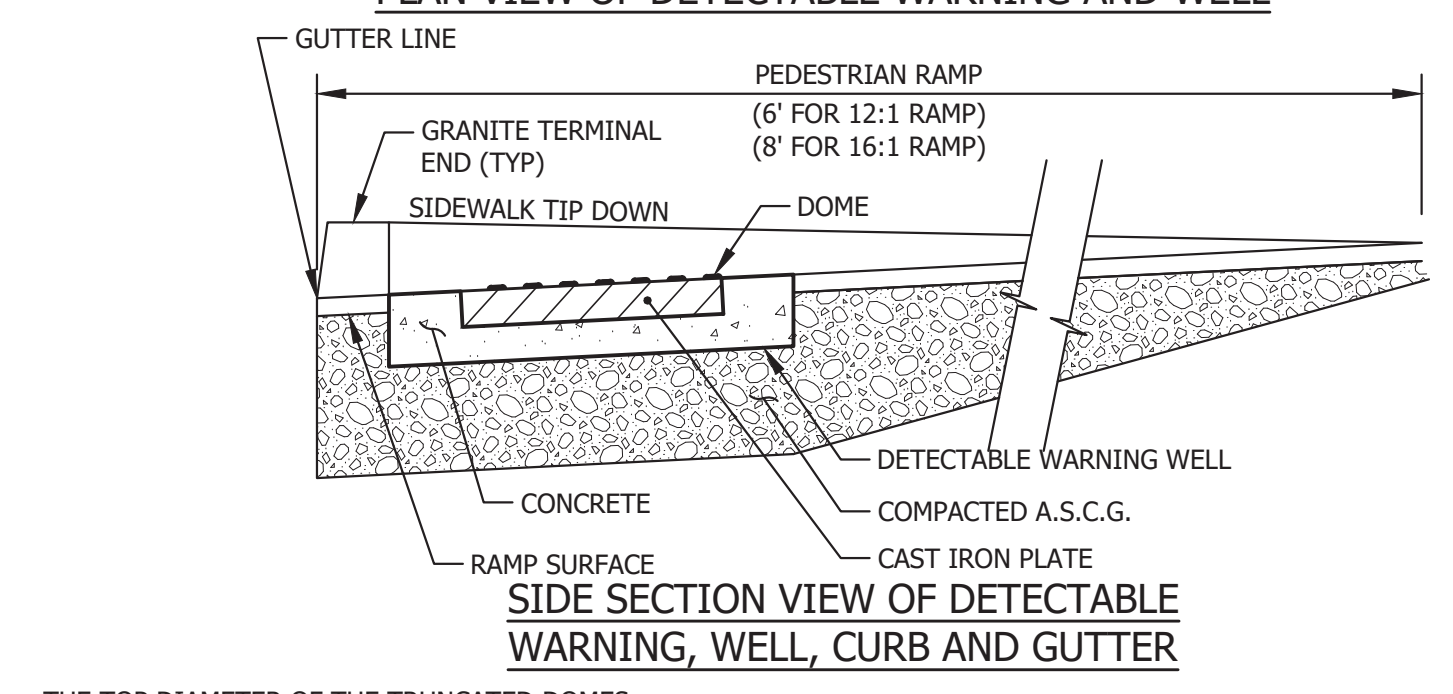
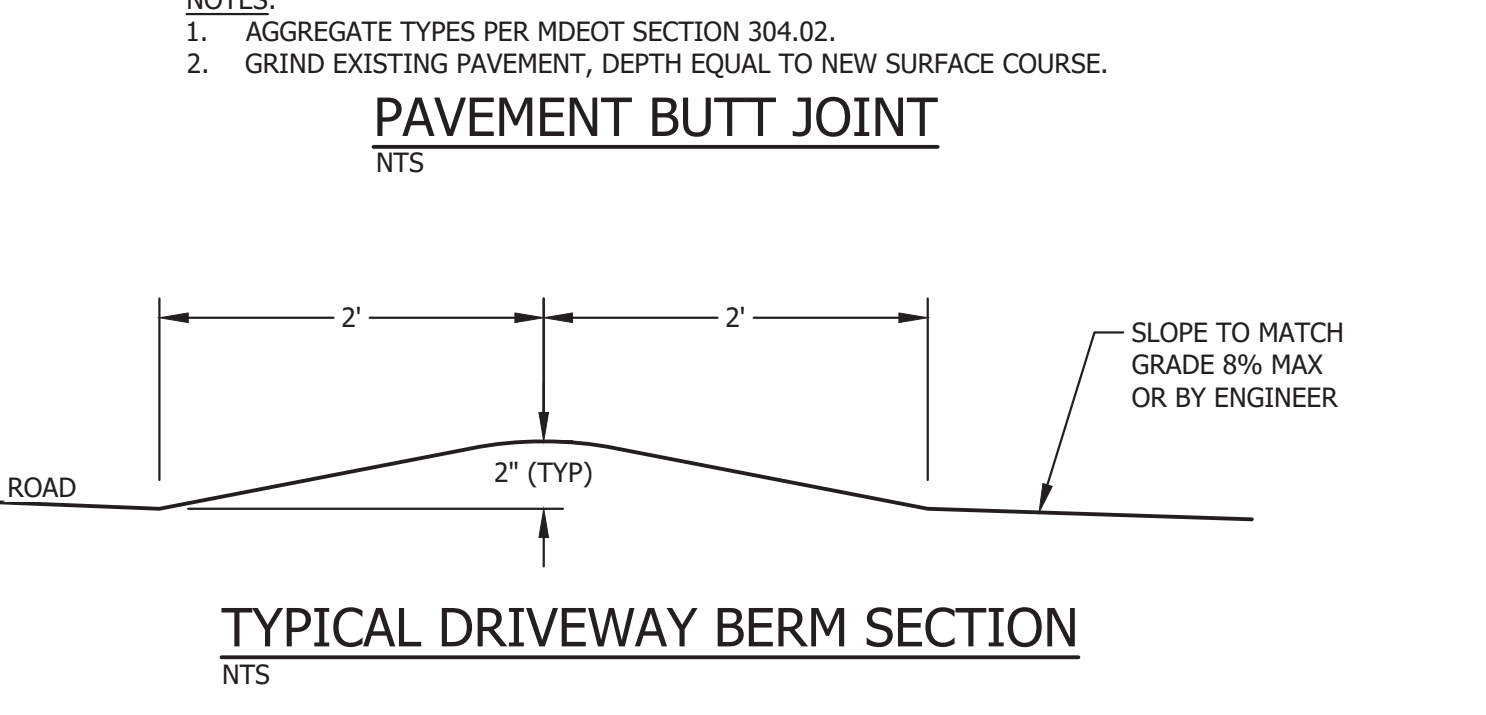
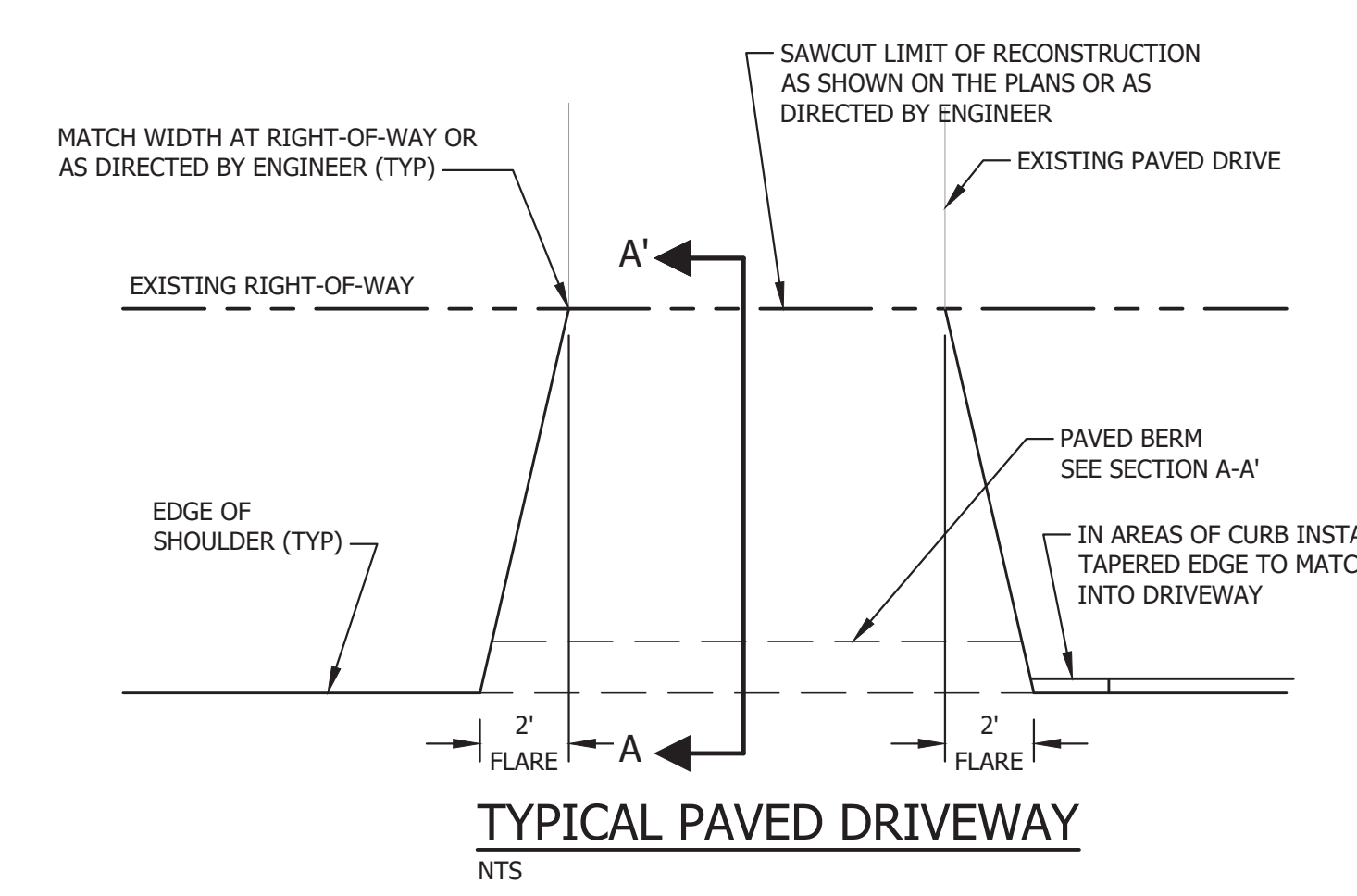
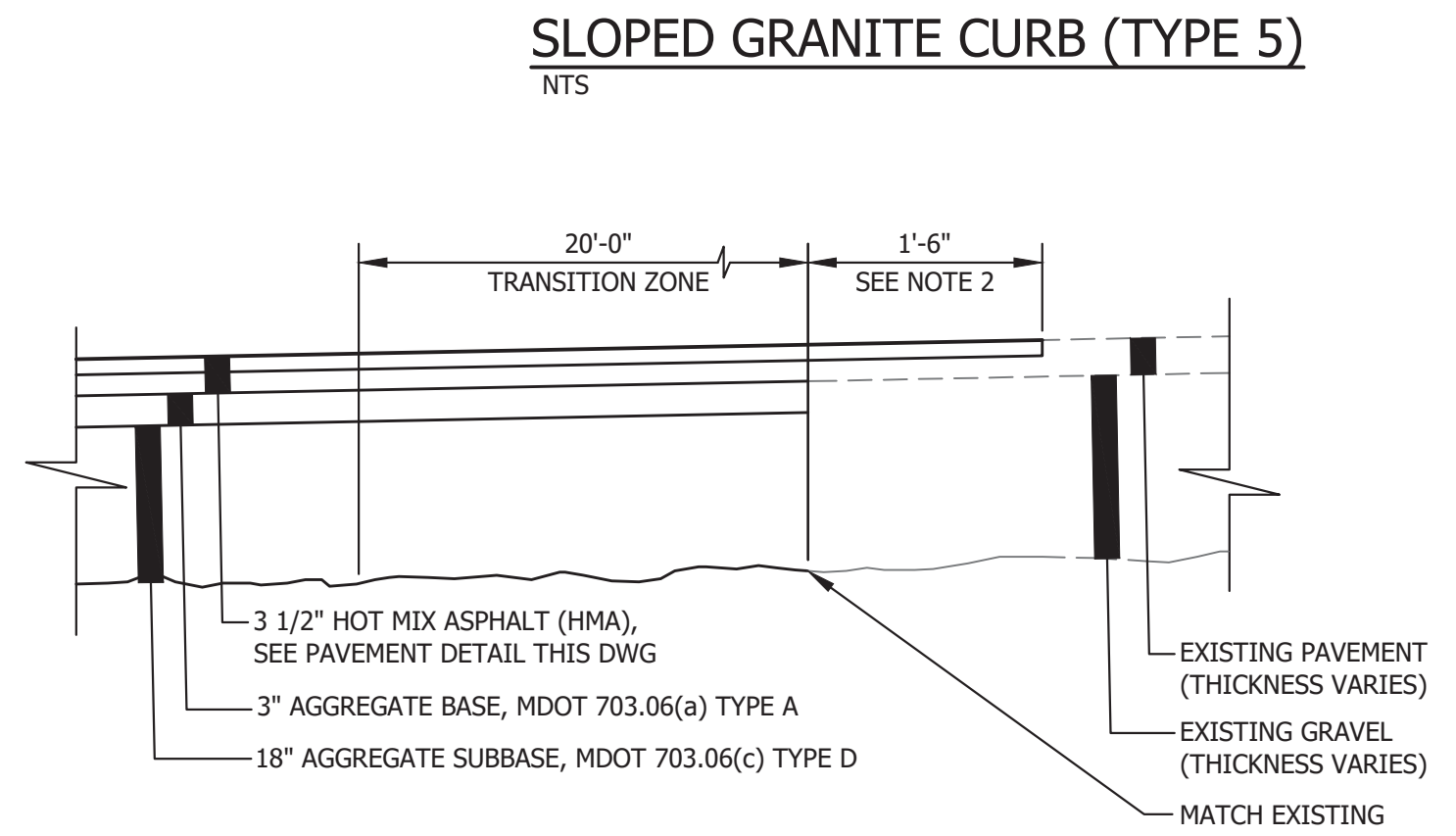
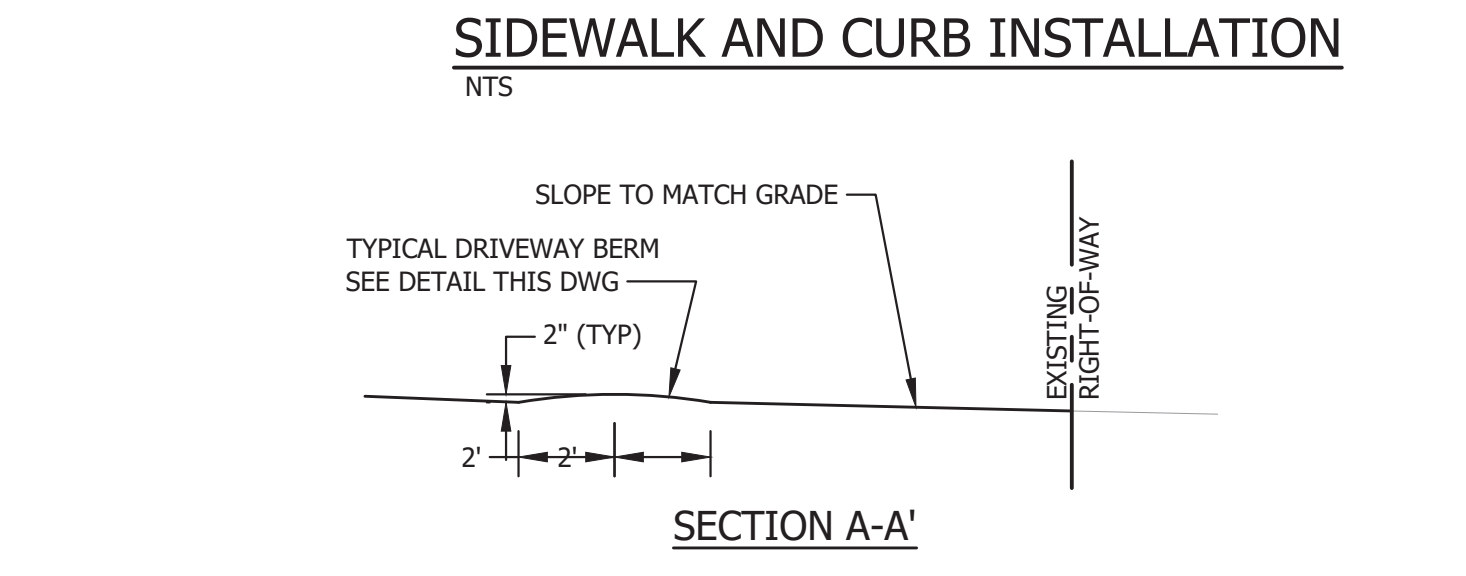
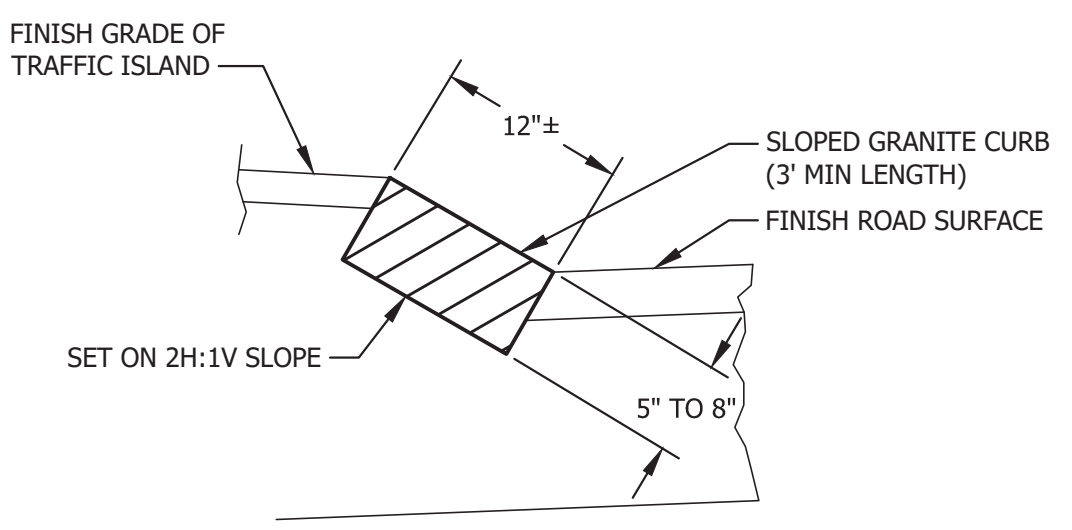
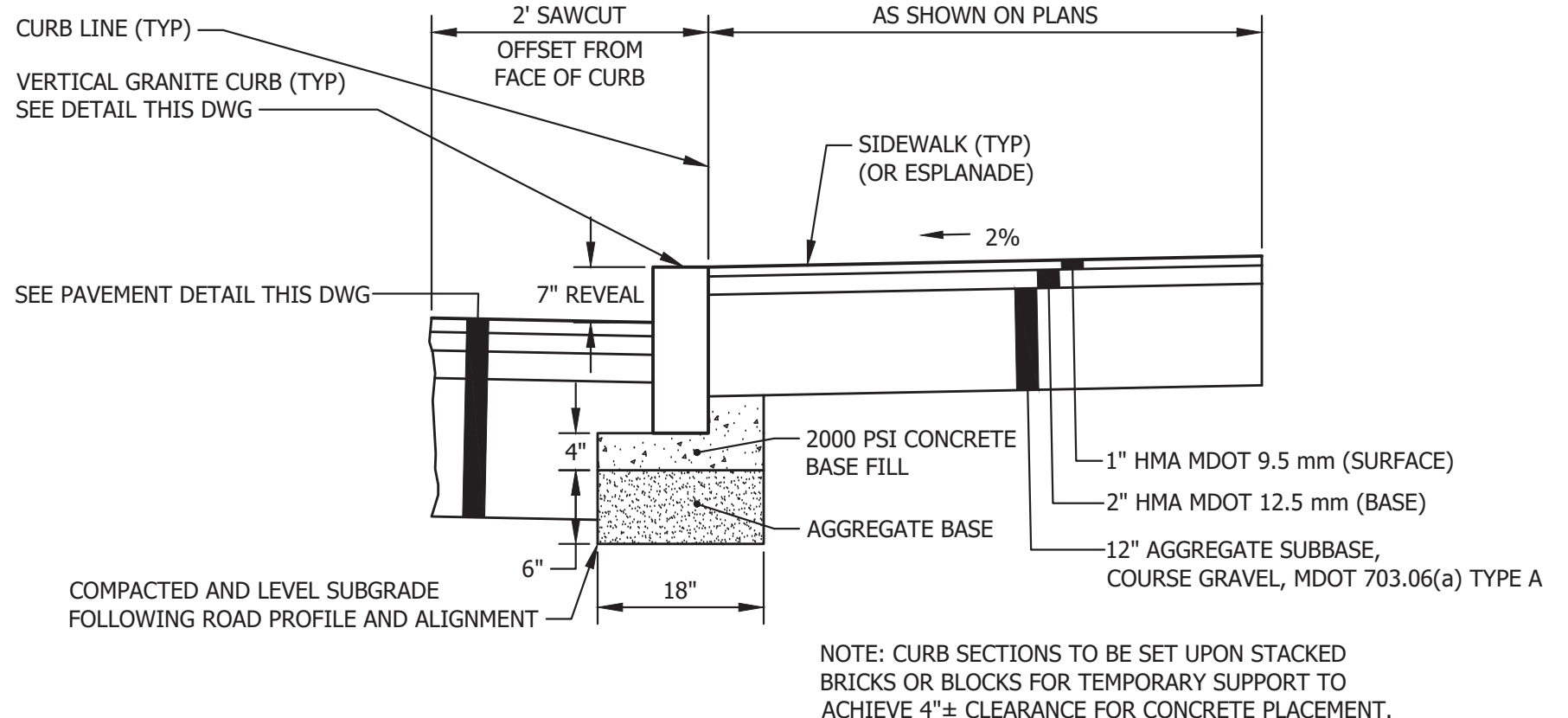
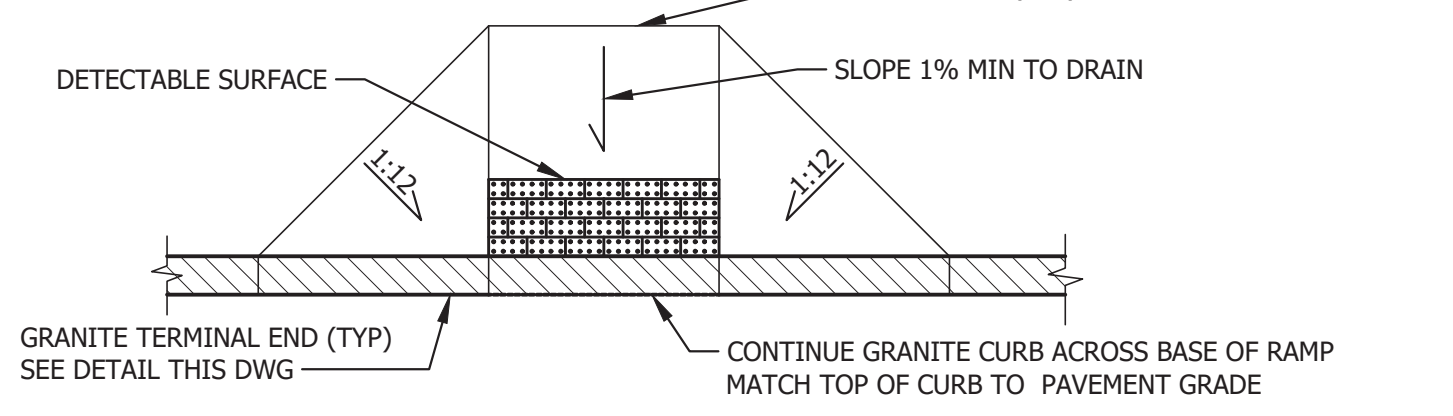
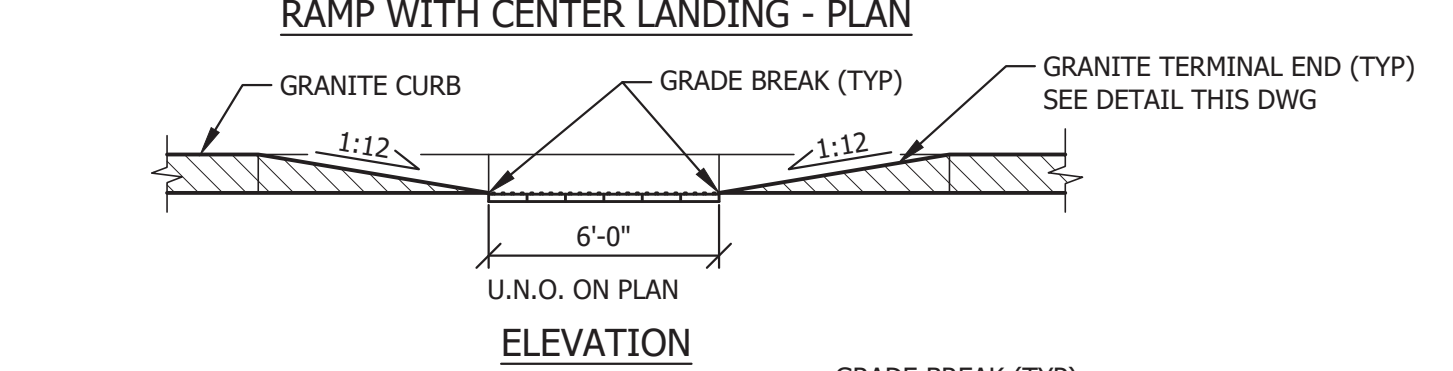
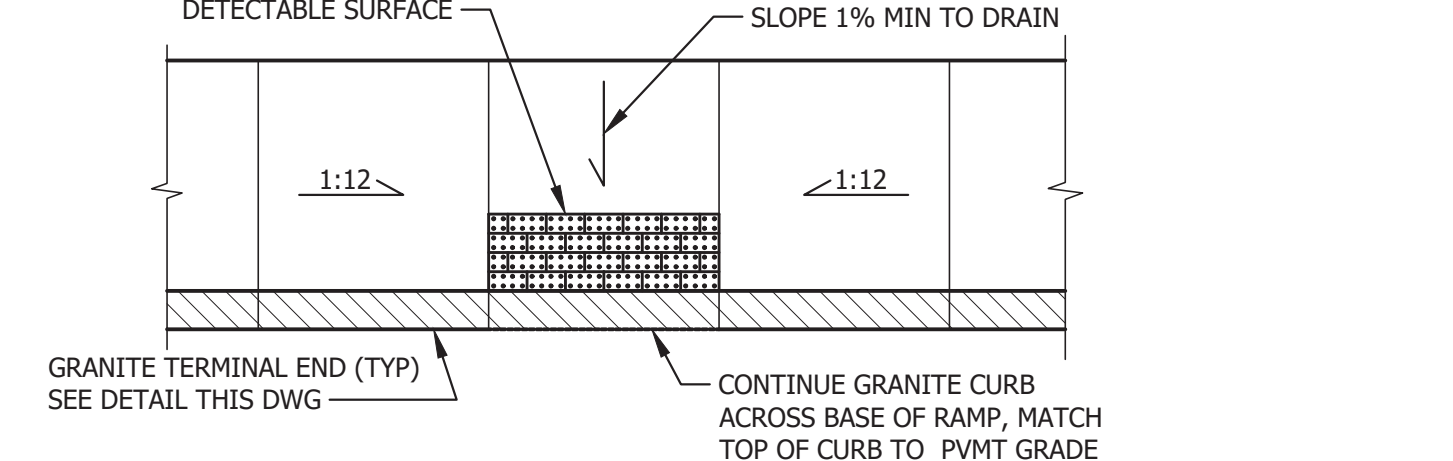
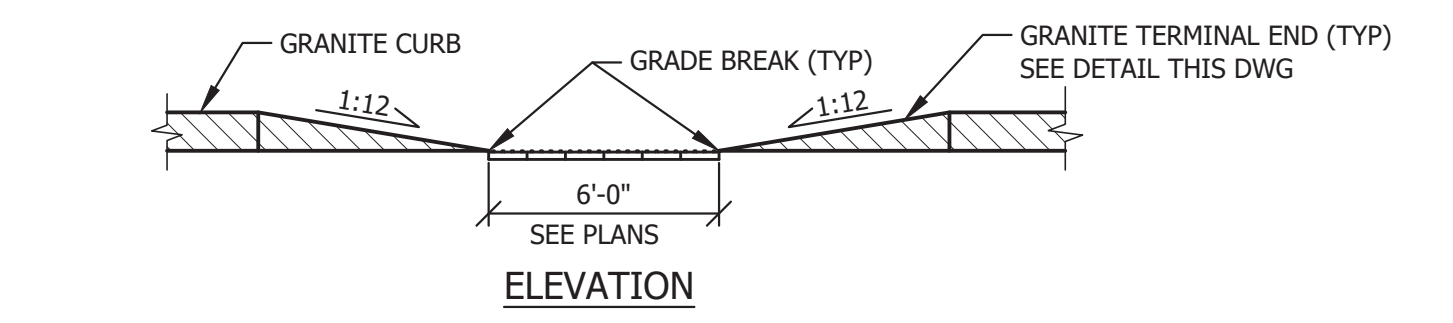
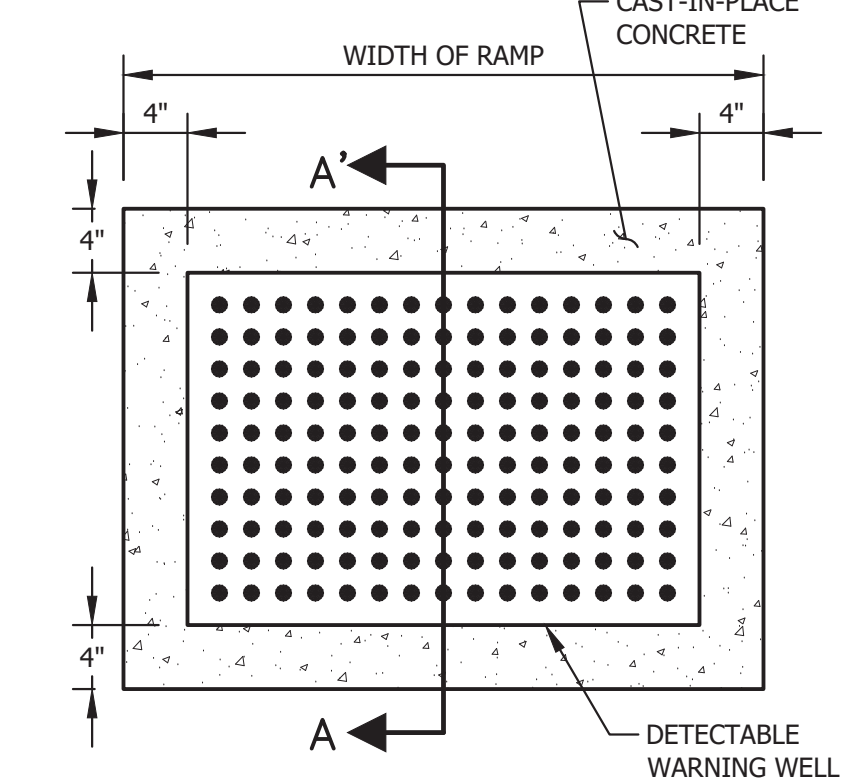
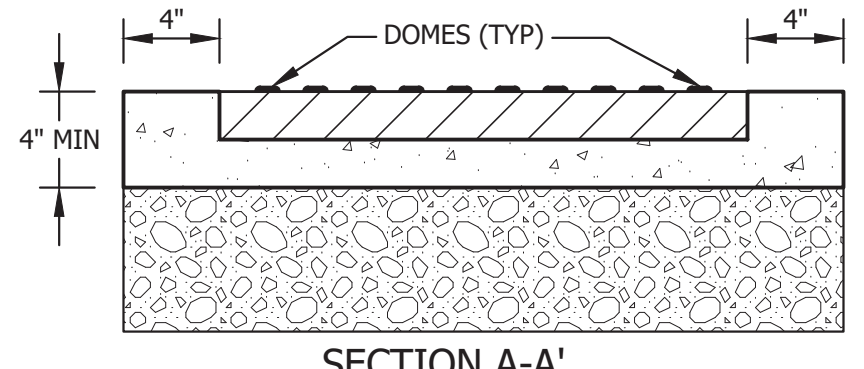
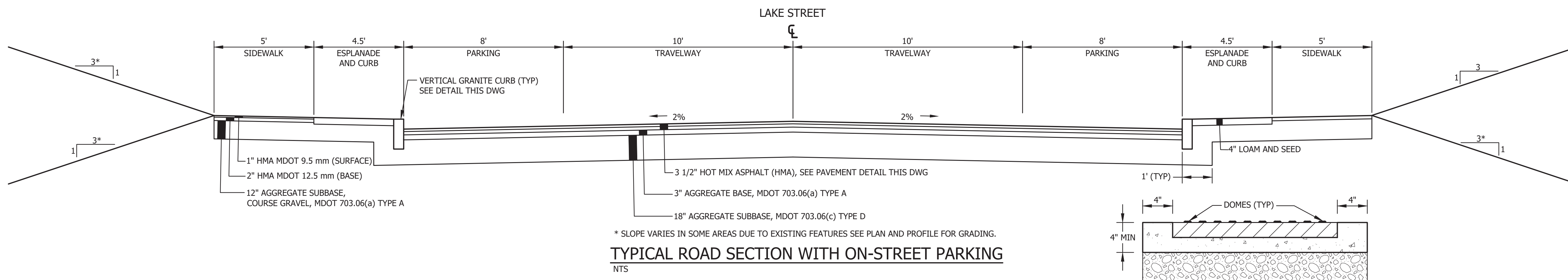
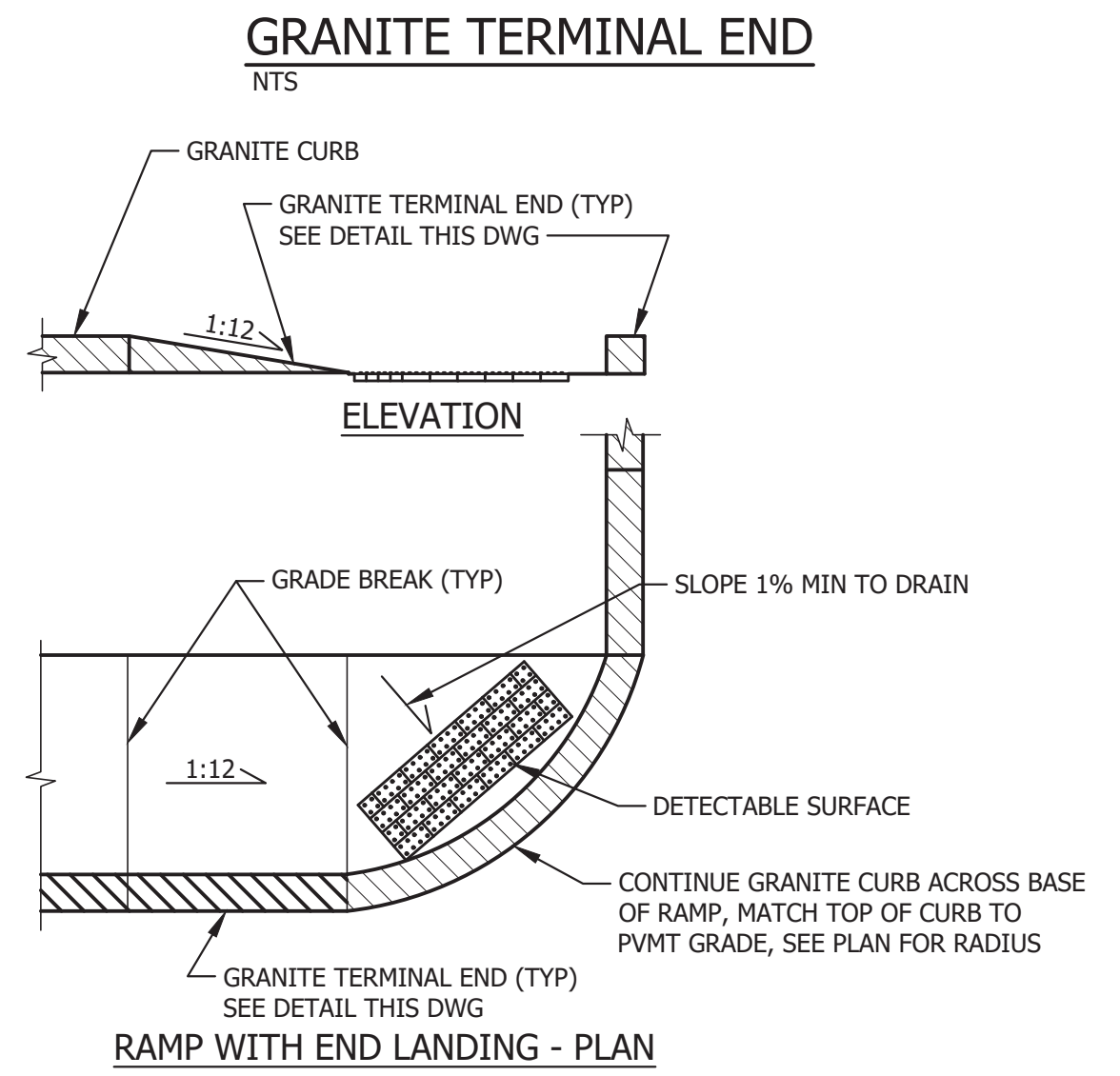
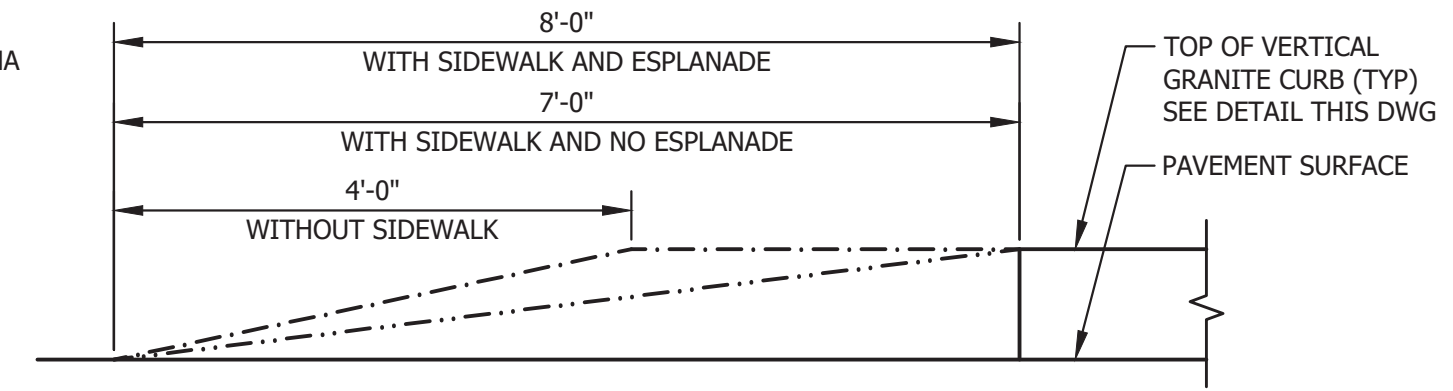
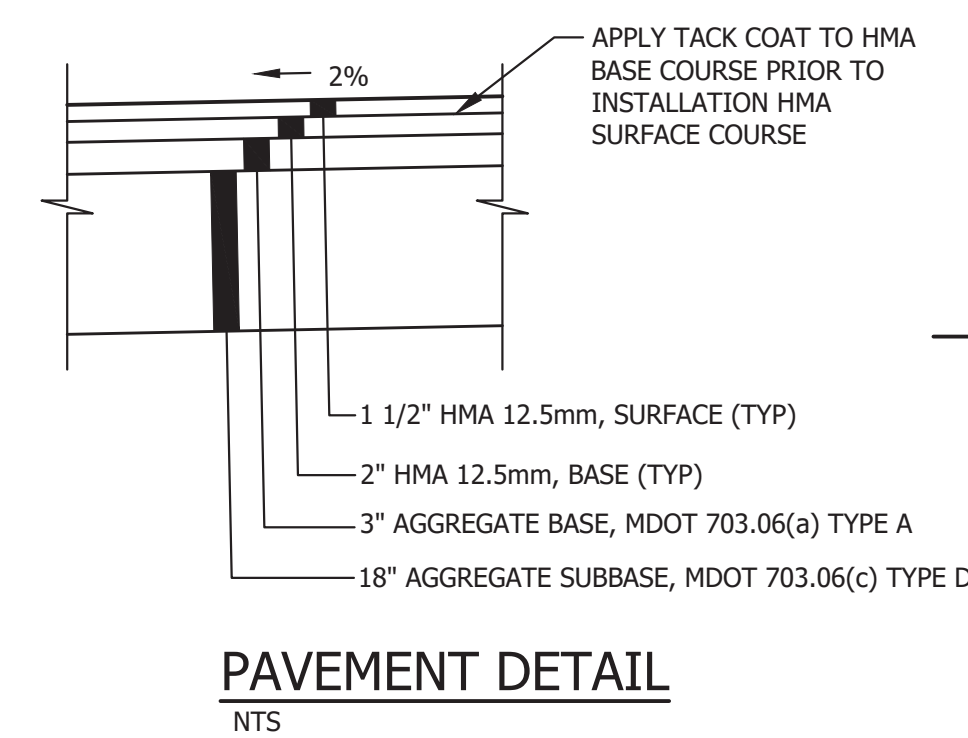
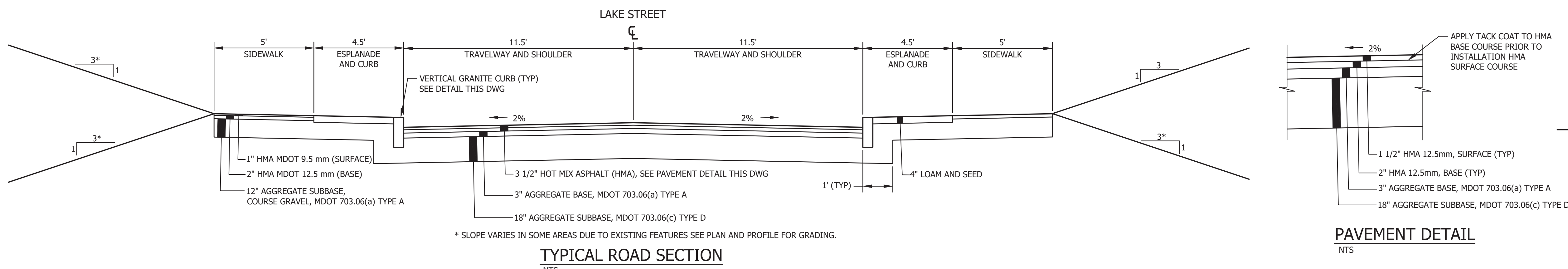
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TITLE	DWG NO
TITLE SHEET	
TYPICAL SECTIONS	C-101
DETAILS AND SECTIONS	C-102 TO C-103
GENERAL NOTES, LEGEND AND ABBREVIATIONS	C-104
EROSION CONTROL NOTES AND DETAILS	C-105
ROAD/SIDEWALK LAYOUT PLAN	C-200 TO C-203
PLAN AND PROFILE	C-204 TO C-211
CROSS SECTIONS	C-212 TO C-226


MapSource/MapInfo/Map Data © 2007 by DeLorme, Inc. W007172-1315194.gpr



REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID

CITY OF AUBURN
LAKE STREET IMPROVEMENTS
LAKE STREET
AUBURN, MAINE

TYPICAL SECTIONS



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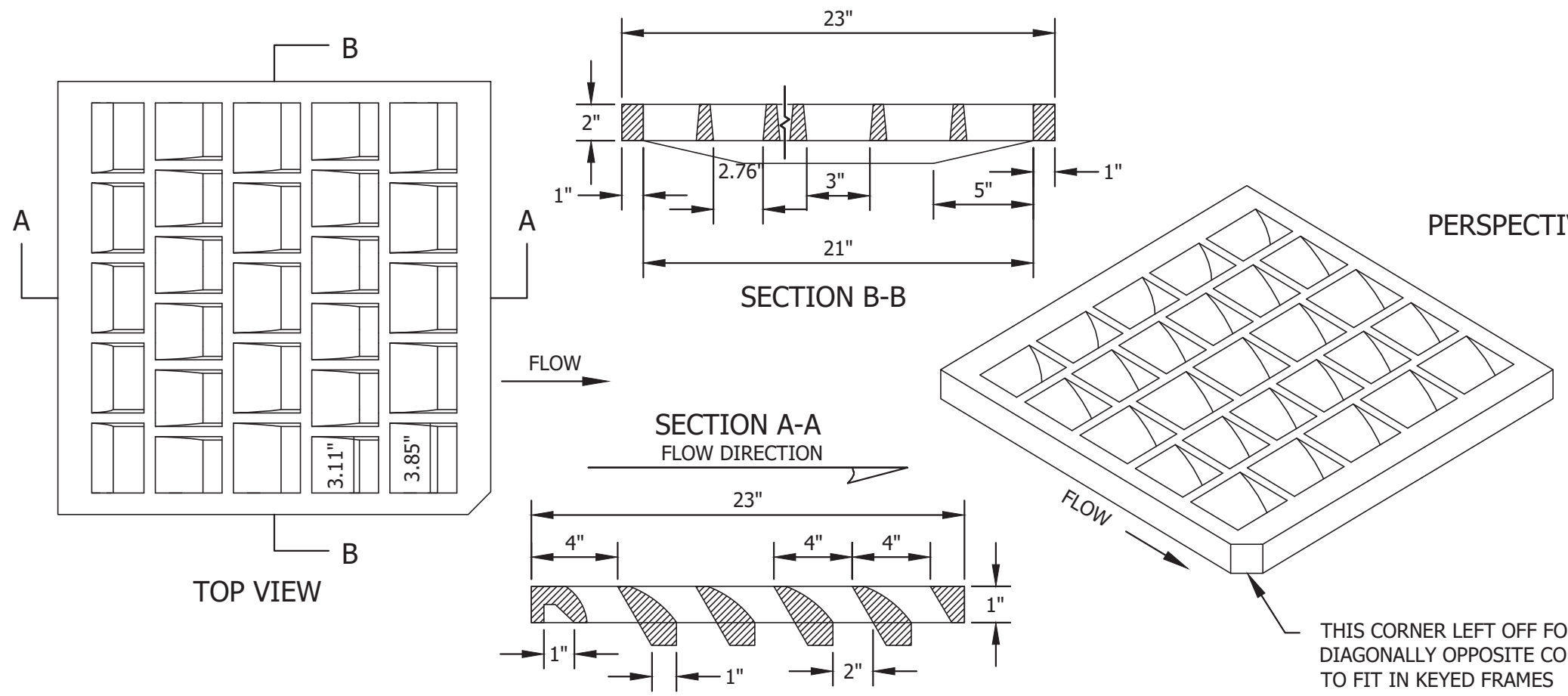
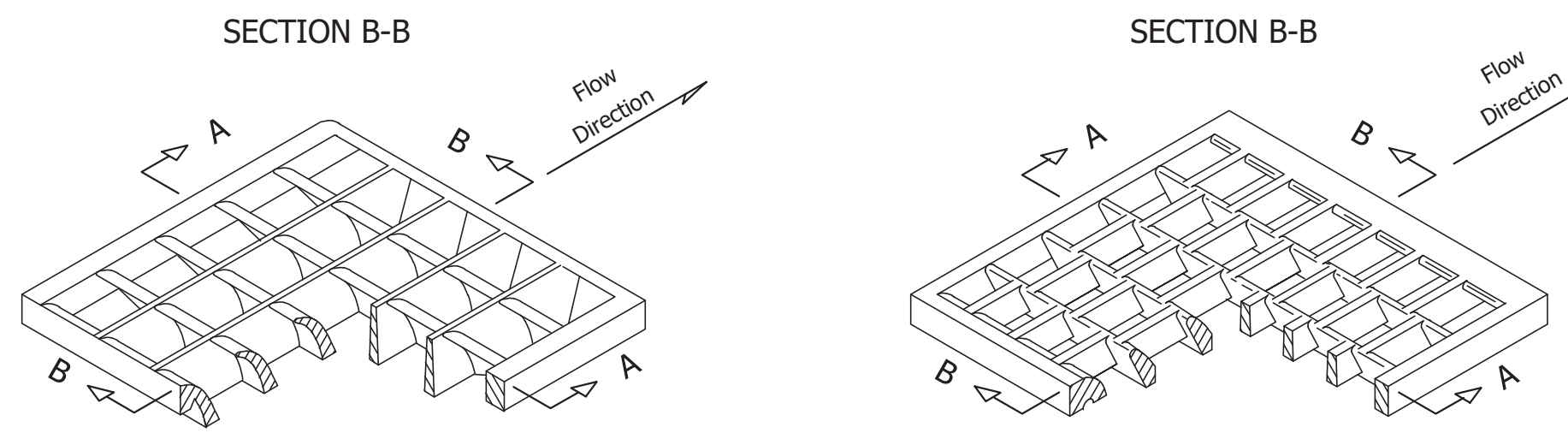
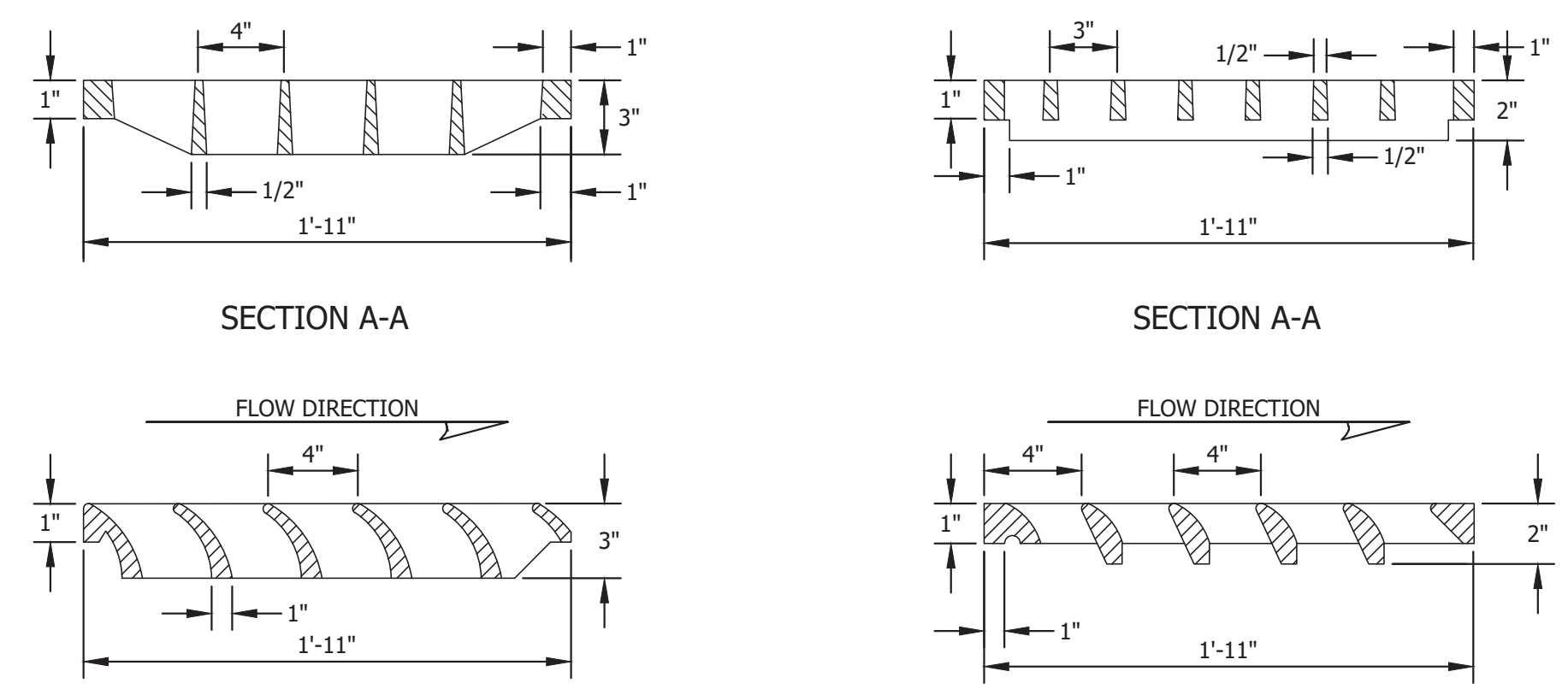
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DESIGN BY: JCM
DRAWN BY: SJM
DATE: 6/2017
CHECKED BY: GHC
LMN: NONE
CTB: SME-STD

JOB NO. 16256.00

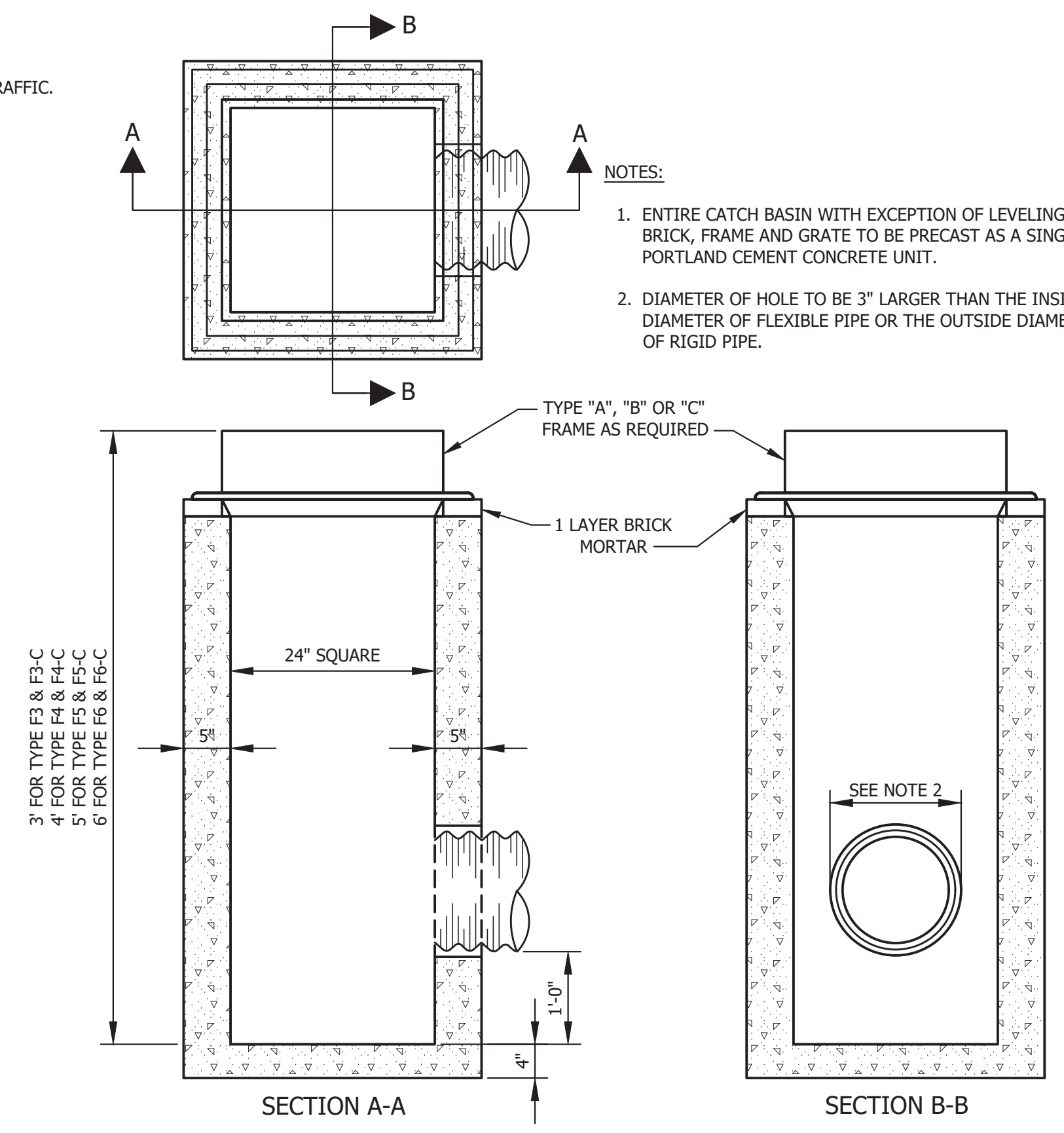
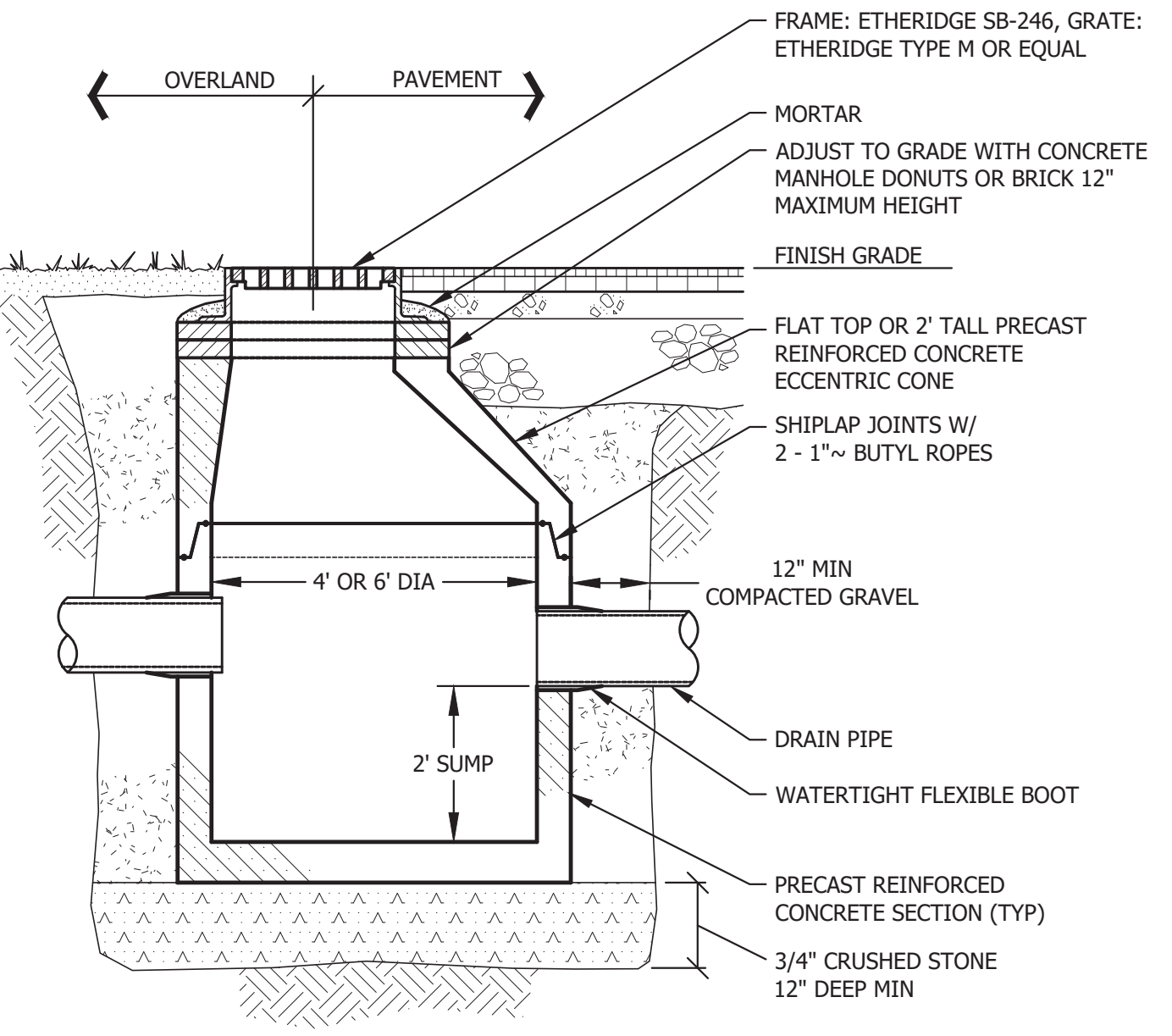
DWG FILE DETAILS

C-101

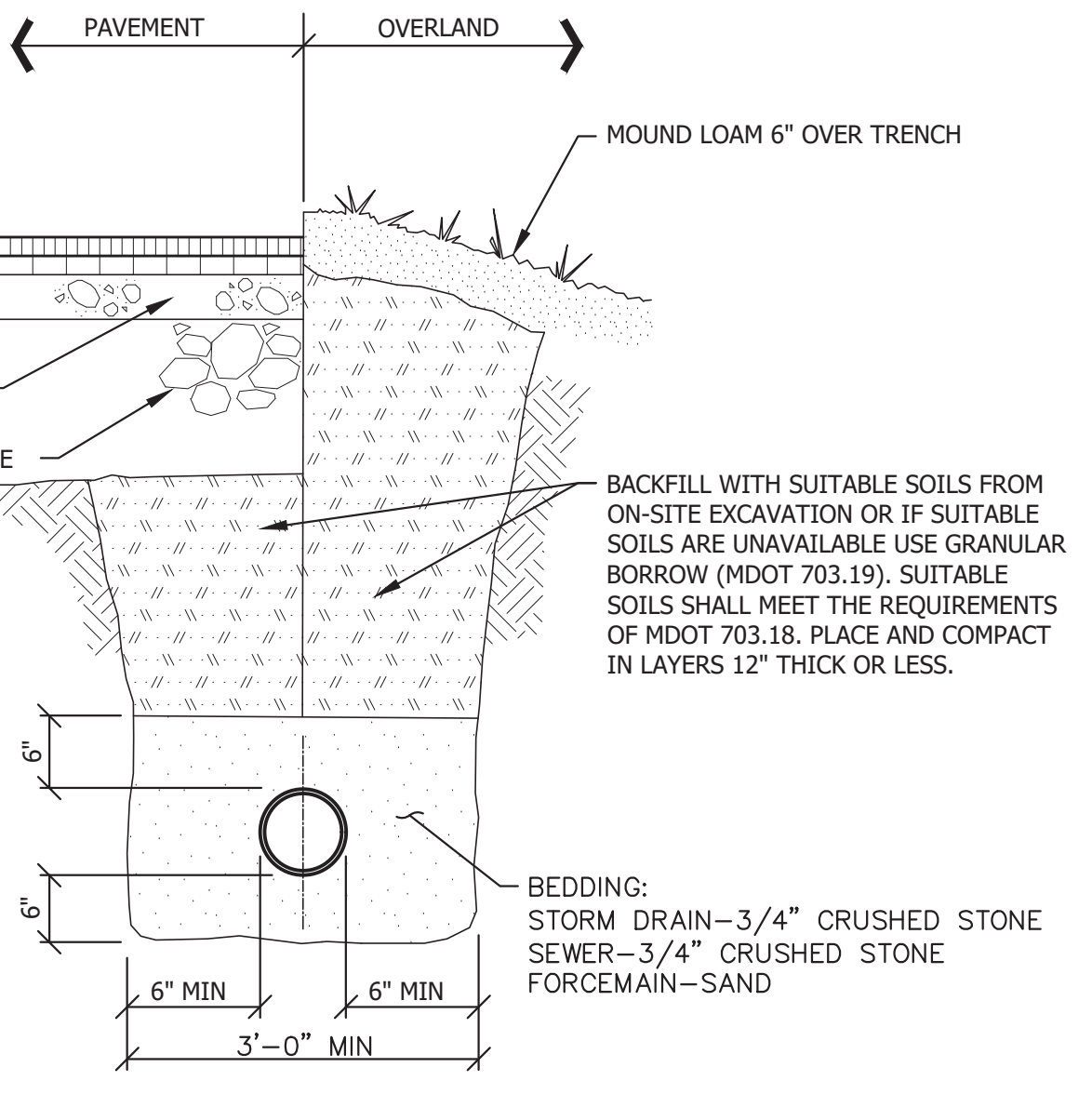


- NOTES:**
- TO BE USED WHERE PARALLEL BAR GRATES WOULD PRESENT A HAZARD TO BICYCLE TRAFFIC.
 - FOR USE ON CATCH BASIN TYPES:
A1-C, A2-C, A5-C, B1-C, B2-C, B5-C, F3-C, F4-C, F5-C, F6-C.

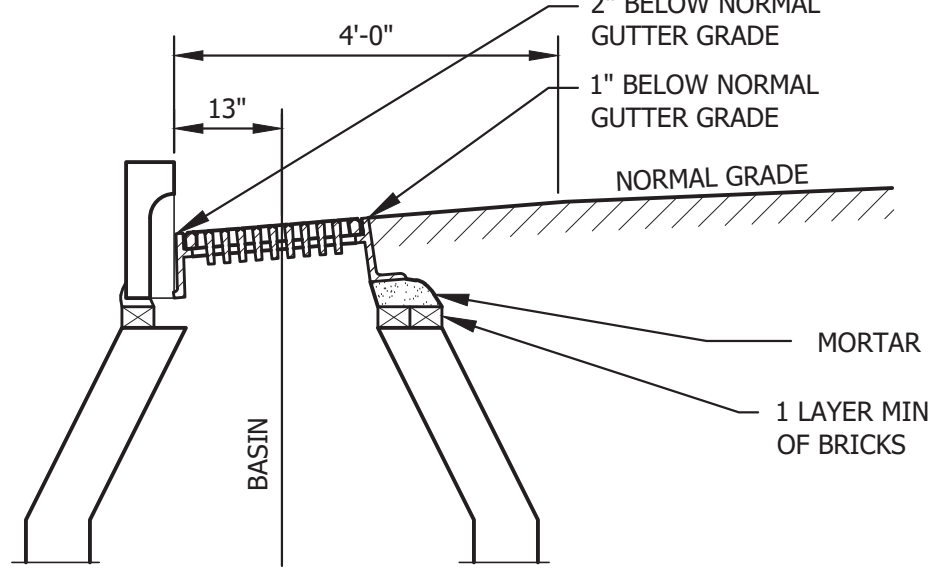
"CASCADE-TYPE" GRATES
NTS



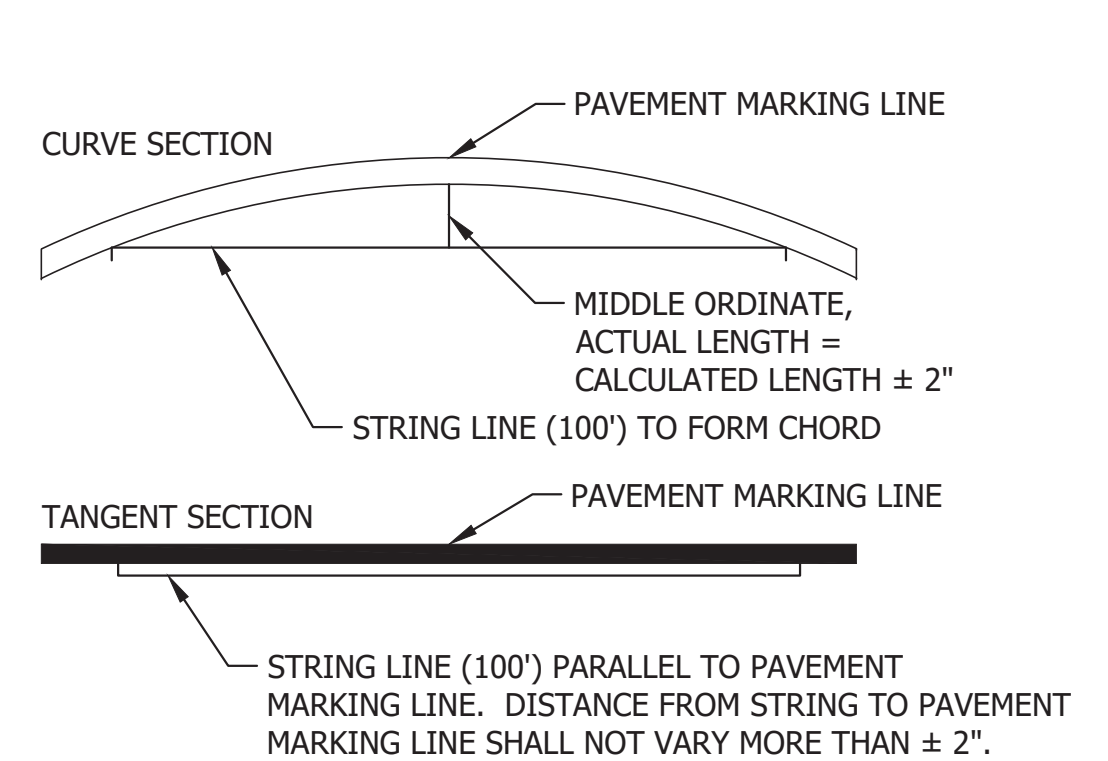
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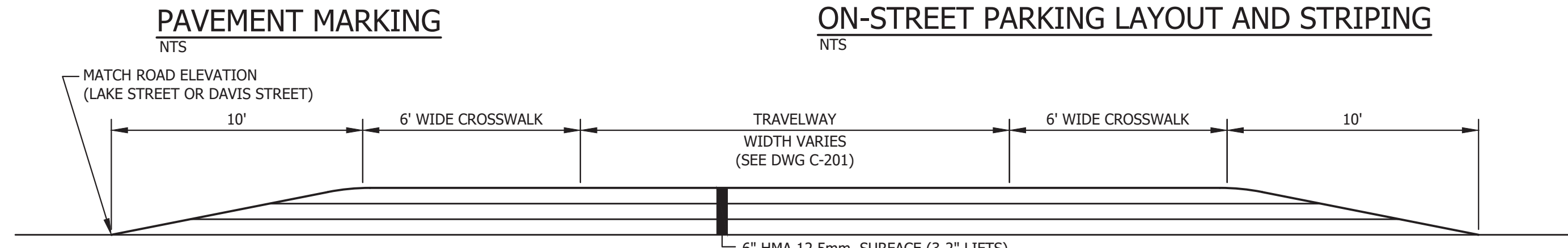
TYPICAL TRENCH SECTION
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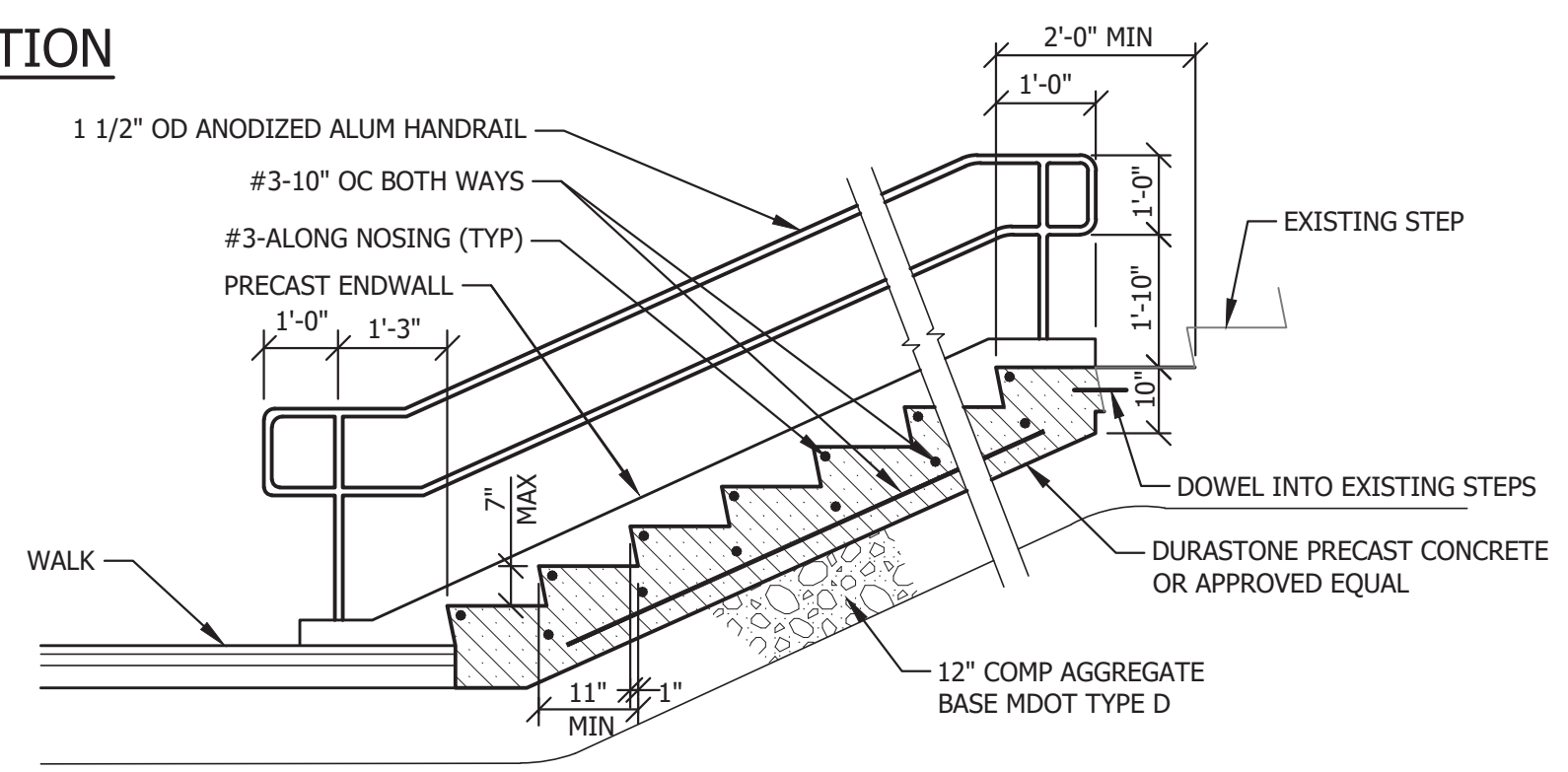
CATCH BASIN TOP INSTALLATION
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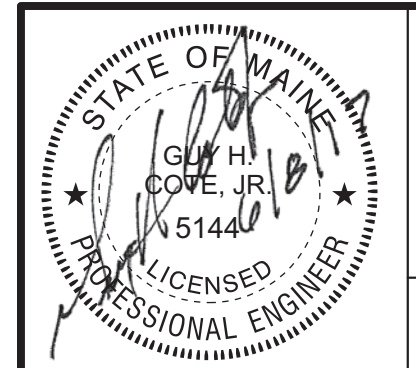
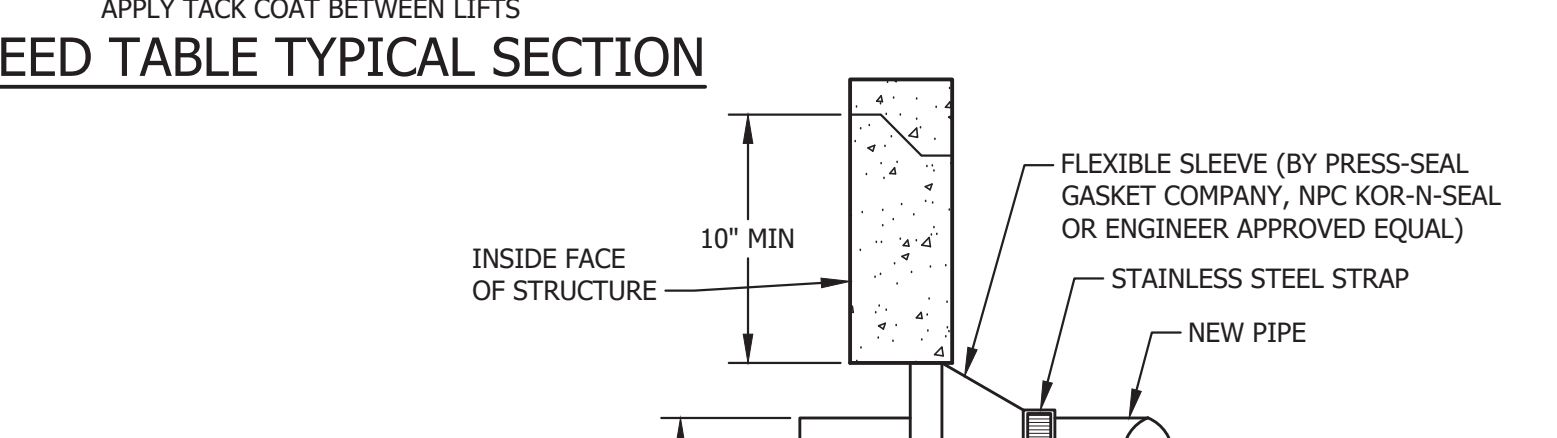
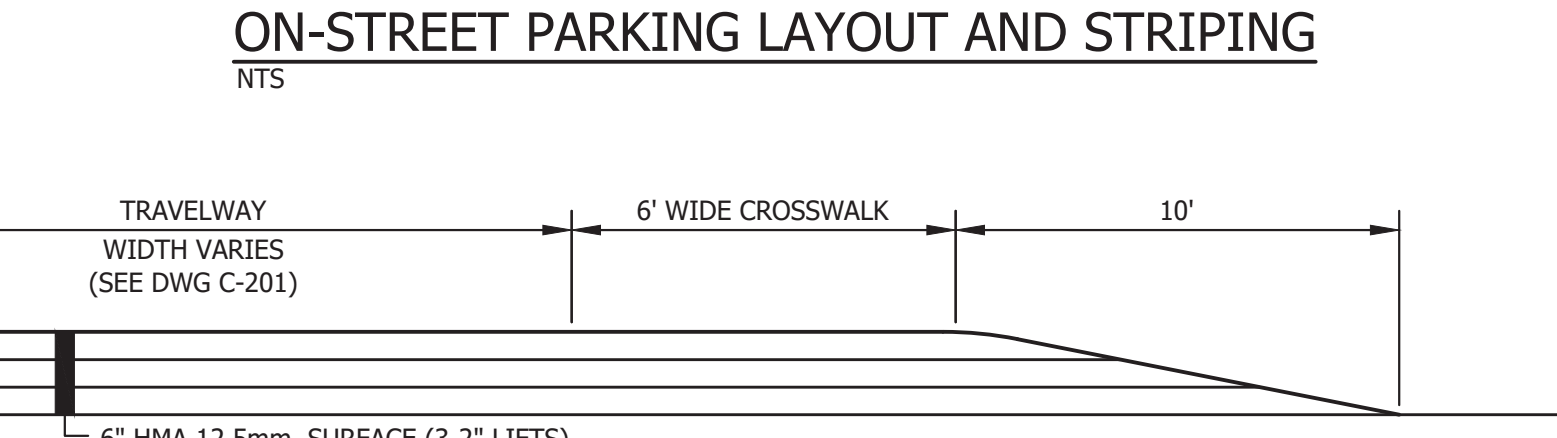
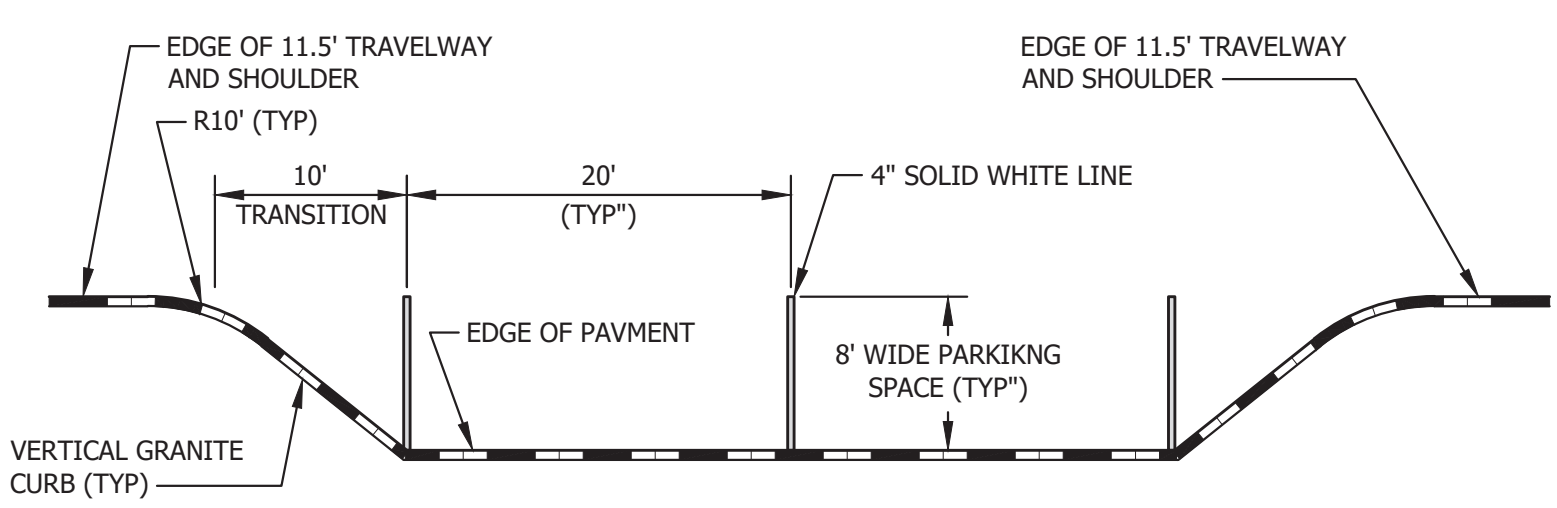
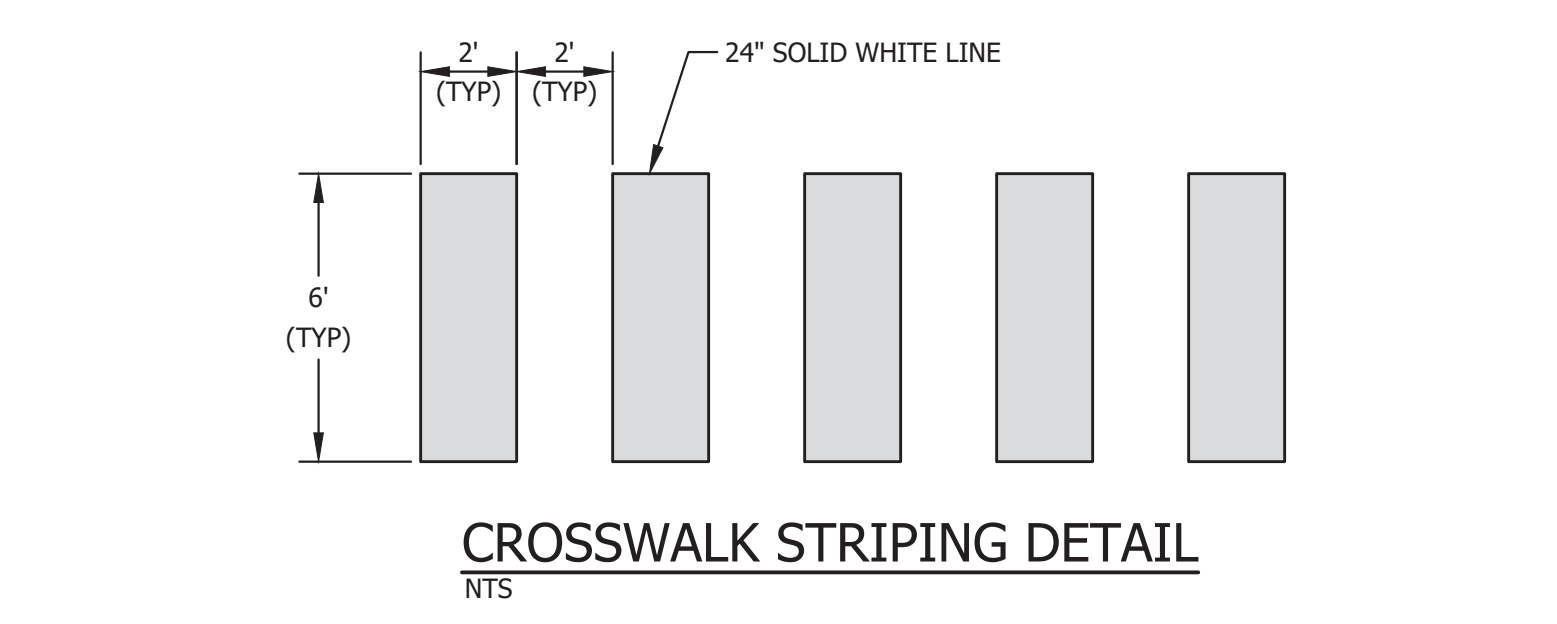
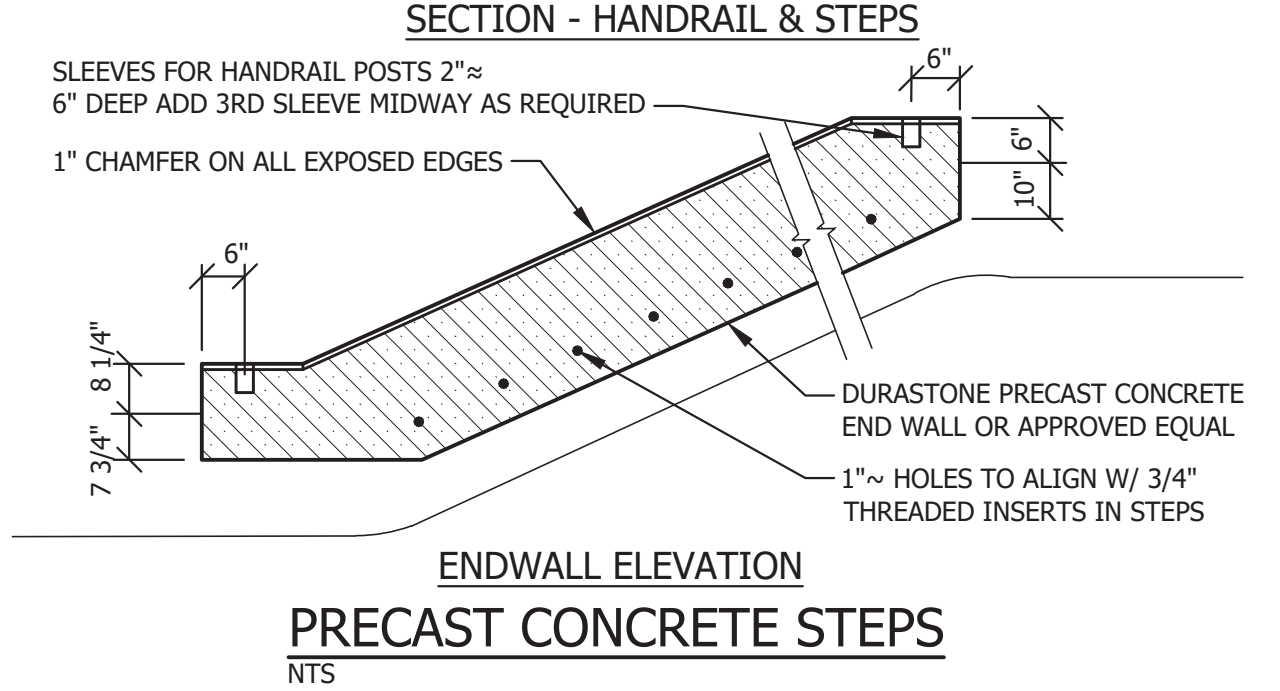
- GENERAL NOTES:**
ALL PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", U.S. DOT, FHWA, 1988.
- SYMBOLS AND ARROWS:**
STROKE WIDTH AND LINE WIDTH VARIANCE SHALL BE NO MORE THAN ± .1" FROM DIMENSIONS SHOWN.
- SQUARE FOOT DIMENSIONS SHOWN ARE PAY DIMENSIONS, PAID BY ITEM NO. 627.65.



RAISED SPEED TABLE TYPICAL SECTION
NTS



- NOTES:**
- CONSTRUCT STEPS IN COMPLIANCE WITH ANSI A117.1-1986 4.9.
 - CONCRETE- 5000 PSI/28 DAYS
5-6% AIR INTRAINED
NON-SKID, STIFF BRISTLE BROOM FINISH (STEPS ONLY)
 - SUBMIT SHOP DRAWINGS IN ACCORDANCE W/ SECTION 01300- SUBMITTALS.
 - BOLT ENDWALLS TO STEPS W/ 3/4" BOLT & FLAT WASHER.
 - CENTER HANDRAIL REQUIRED WHERE NOTED ON THE PLANS.



CITY OF AUBURN
LAKE STREET IMPROVEMENTS
LAKE STREET
AUBURN, MAINE

DETAILS AND SECTIONS

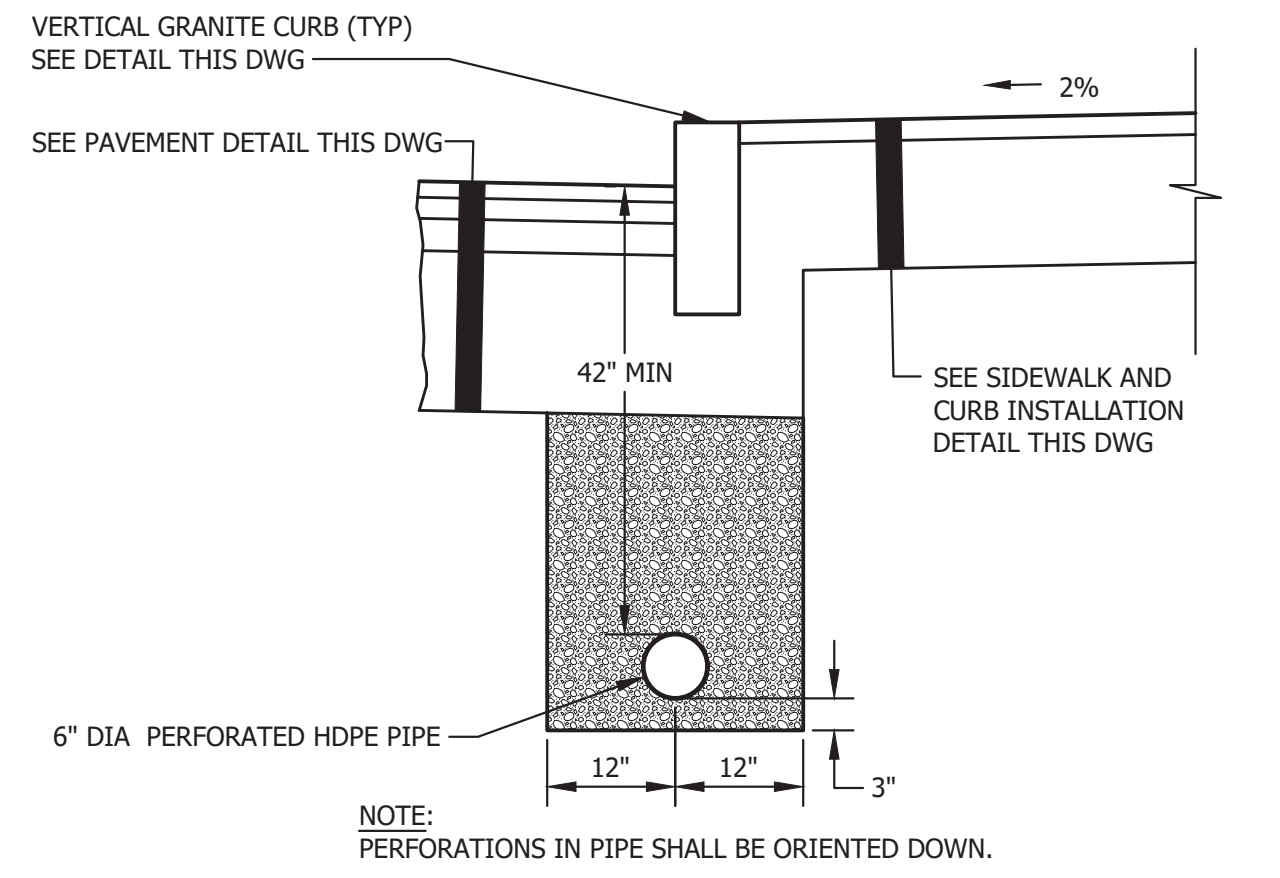
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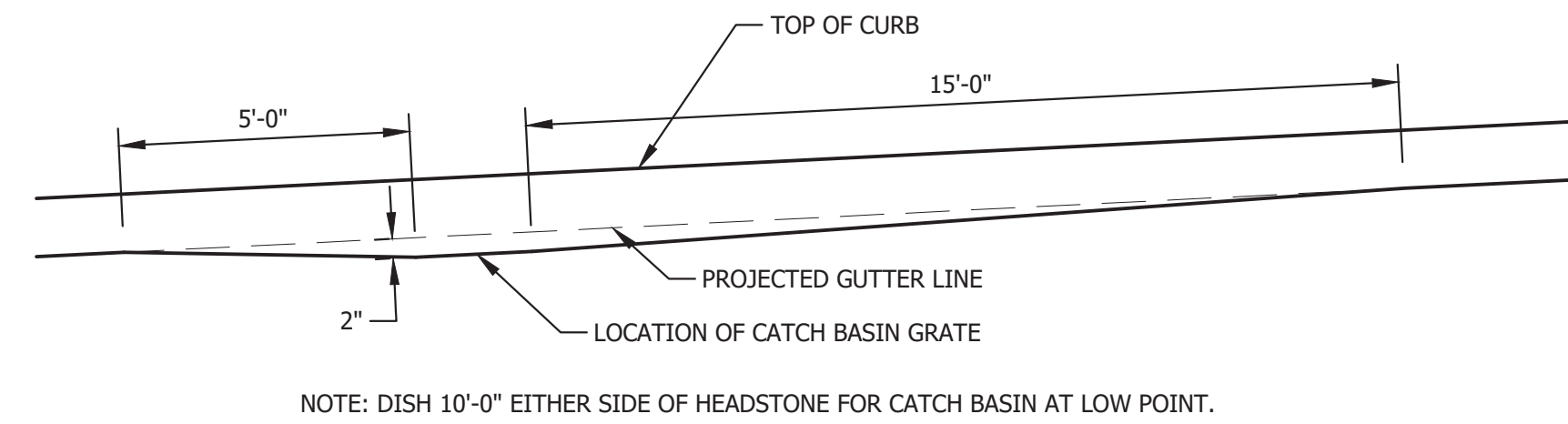
DESIGN BY: JCM
DRAWN BY: SJM
DATE: 6/2017
CHECKED BY: GHC
LMN: NONE
CTB: SME-STD

JOB NO. 16256.00 DWG FILE DETAILS C-102

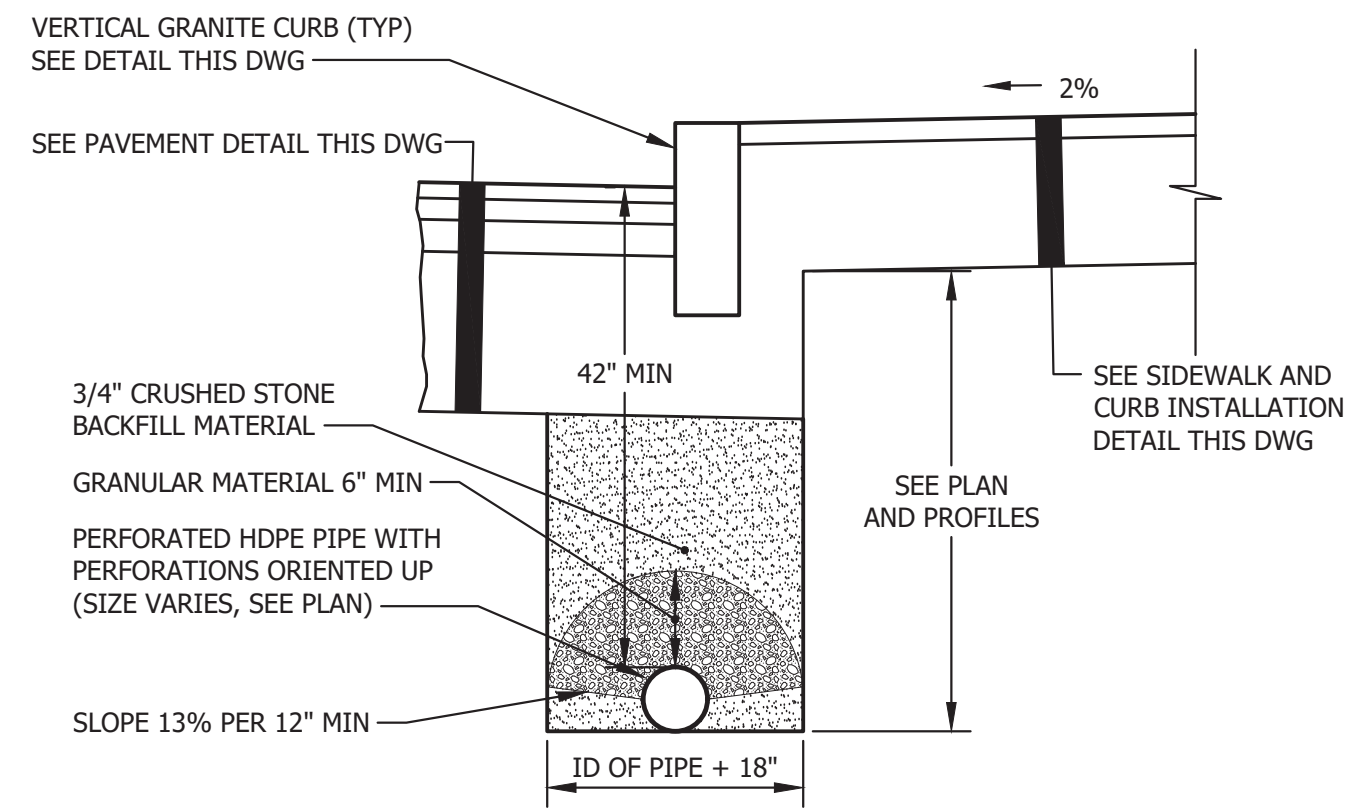
REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID



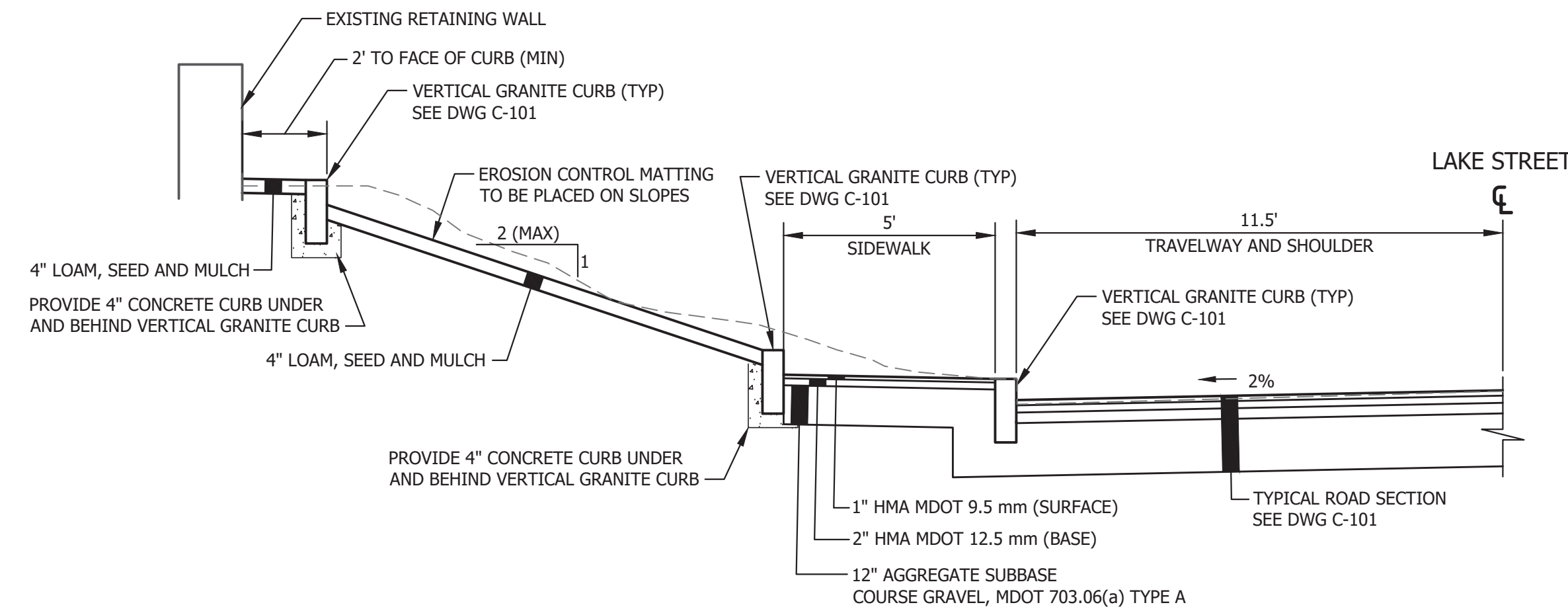
TYPE "B" UNDERDRAIN INSTALLATION DETAIL
NTS



TYPICAL PAVEMENT GRADING FOR CATCH BASINS
NTS



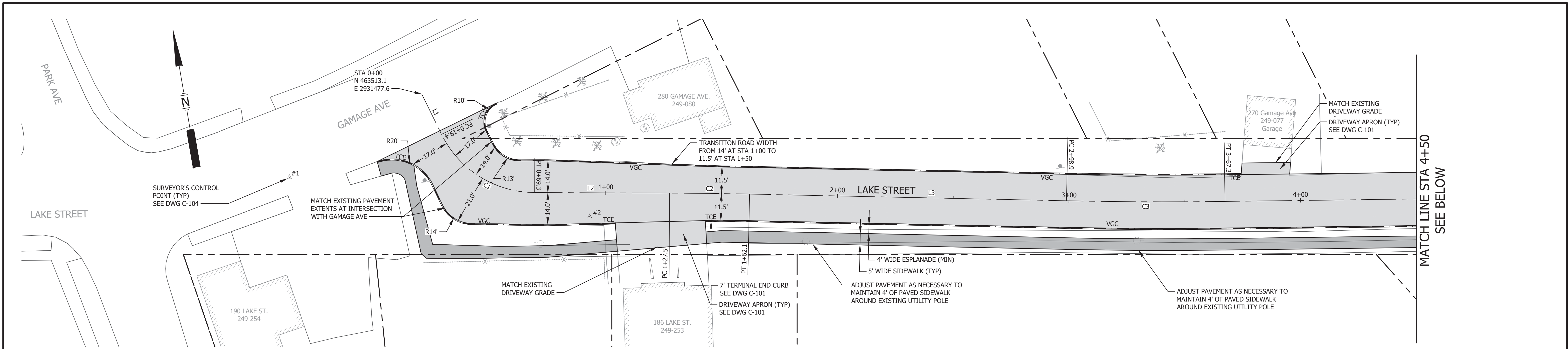
TYPE "C" UNDERDRAIN INSTALLATION DETAIL
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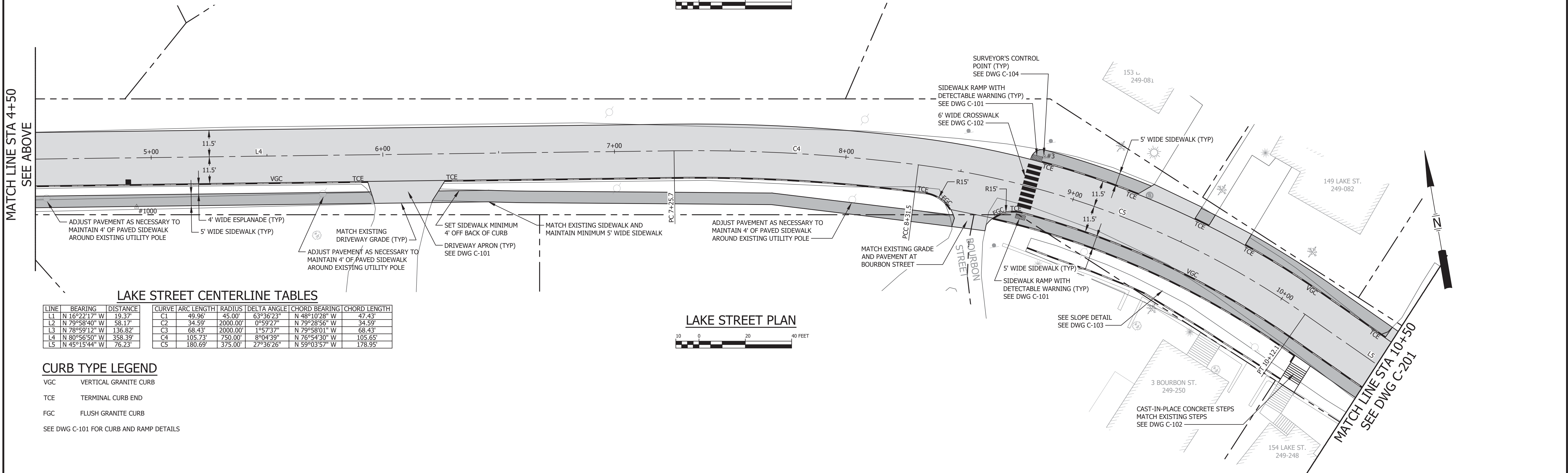
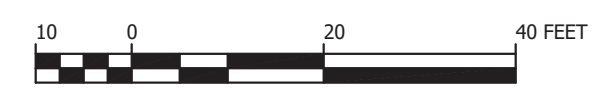
PROPOSED SLOPE TREATMENT
NTS

REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID

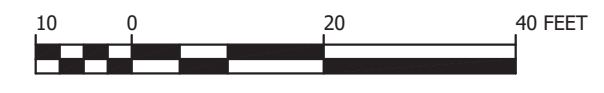
	<p align="center">CITY OF AUBURN LAKE STREET IMPROVEMENTS LAKE STREET AUBURN, MAINE</p>	
	<p align="center">DETAILS AND SECTIONS</p>	
<p>ENVIRONMENTAL • CIVIL • GEOTECHNICAL • WATER • COMPLIANCE 4 Blanchard Road, PO Box 85A, Cumberland Center, Maine 04021 Phone 207.829.5016 • Fax 207.829.5692 • www.smemaine.com</p>	<p>DESIGN BY: JCM DRAWN BY: SJM DATE: 6/2017 CHECKED BY: GHC LMN: NONE CTB: SME-STD</p>	<p>JOB NO. 16256.00 DWG FILE DETAILS</p>
	<p align="right">C-103</p>	



LAKE STREET PLAN



LAKE STREET PLAN

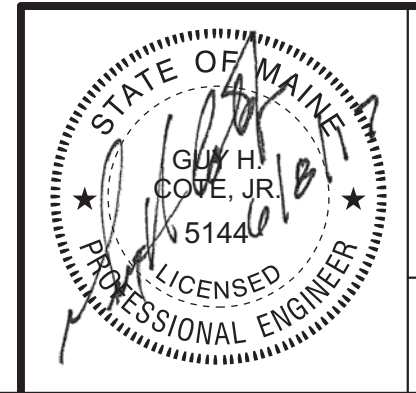


LAKE STREET CENTERLINE TABLES

LINE	BEARING	DISTANCE	CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
L1	N 16°22'17" W	19.37'	C1	49.96'	45.00'	63°36'23"	N 48°10'28" W	47.43'
L2	N 79°58'40" W	58.17'	C2	34.59'	2000.00'	0°59'27"	N 79°28'56" W	34.59'
L3	N 78°59'12" W	136.82'	C3	68.43'	2000.00'	1°57'37"	N 79°58'01" W	68.43'
L4	N 80°56'50" W	358.39'	C4	105.73'	750.00'	8°04'39"	N 76°54'30" W	105.65'
L5	N 45°15'44" W	76.23'	C5	180.69'	375.00'	27°36'26"	N 59°03'57" W	178.95'

CURB TYPE LEGEND

- VGC VERTICAL GRANITE CURB
 - TCE TERMINAL CURB END
 - FGC FLUSH GRANITE CURB
- SEE DWG C-101 FOR CURB AND RAMP DETAILS



CITY OF AUBURN
LAKE STREET IMPROVEMENTS
LAKE STREET
AUBURN, MAINE

ROAD/SIDEWALK LAYOUT PLANS

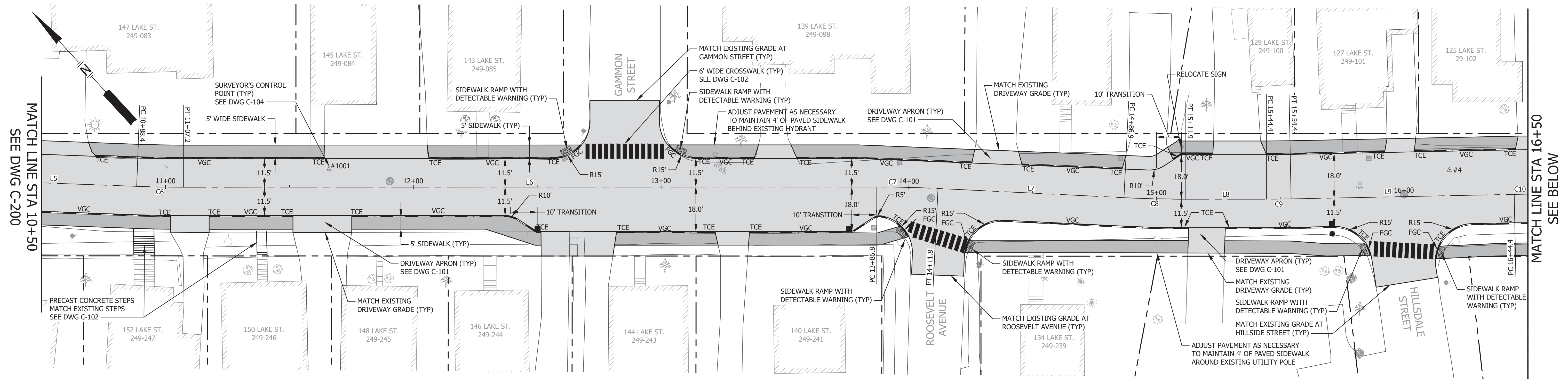
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LMN: RD-SW-PAVE
CTB: SME-STD

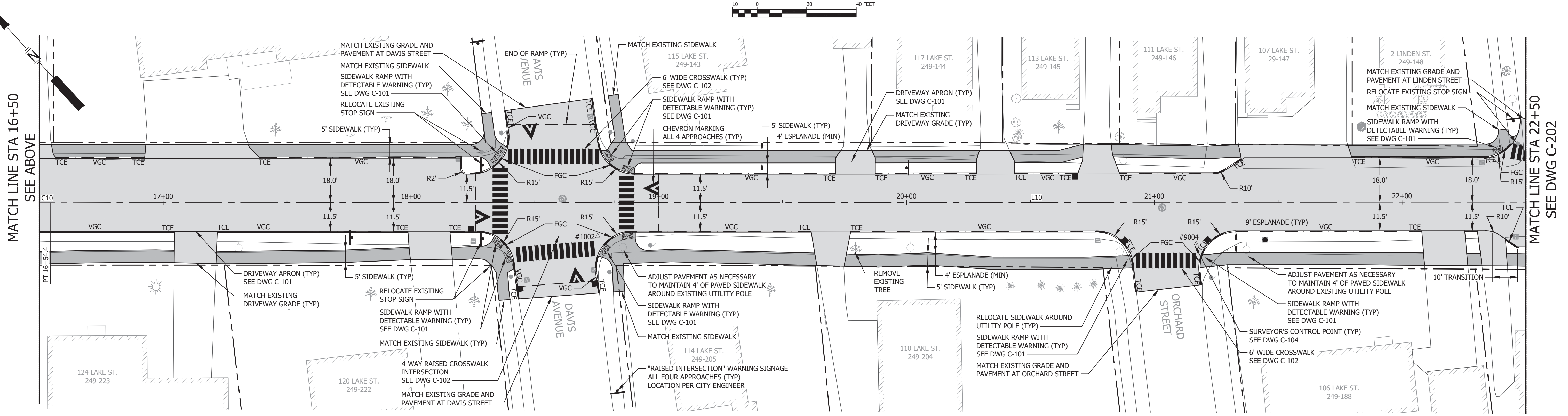
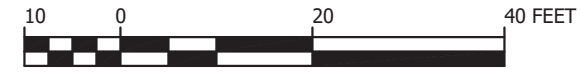
JOB NO. 16256.00 DWG FILE BASE C-200

REV.	BY	DATE	STATUS
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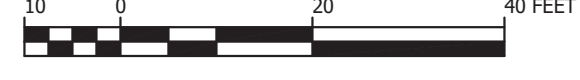
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LAKE STREET PLAN



LAKE STREET PLAN



LAKE STREET CENTERLINE TABLES

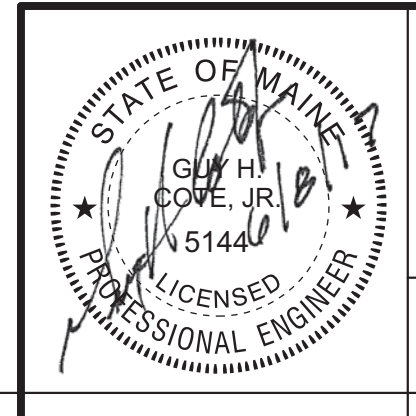
LINE	BEARING	DISTANCE	CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
L6	N 47°25'10" W	279.61'	C6	18.82'	500.00'	2°09'25"	S 46°20'27" E	18.82'
L7	N 44°33'25" W	75.14'	C7	24.98'	500.00'	2°51'45"	N 45°59'17" W	24.98'
L8	N 47°25'10" W	32.51'	C8	24.98'	500.00'	2°51'45"	N 45°59'17" W	24.98'
L9	N 48°33'54" W	90.02'	C9	10.00'	500.00'	1°08'45"	S 47°59'32" E	10.00'
L10	N 47°25'10" W	796.28'	C10	10.00'	500.00'	1°08'45"	N 47°59'32" W	10.00'

CURB TYPE LEGEND

- VGC VERTICAL GRANITE CURB
- TCE TERMINAL CURB END
- FGC FLUSH GRANITE CURB

SEE DWG C-101 FOR CURB AND RAMP DETAILS

REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID



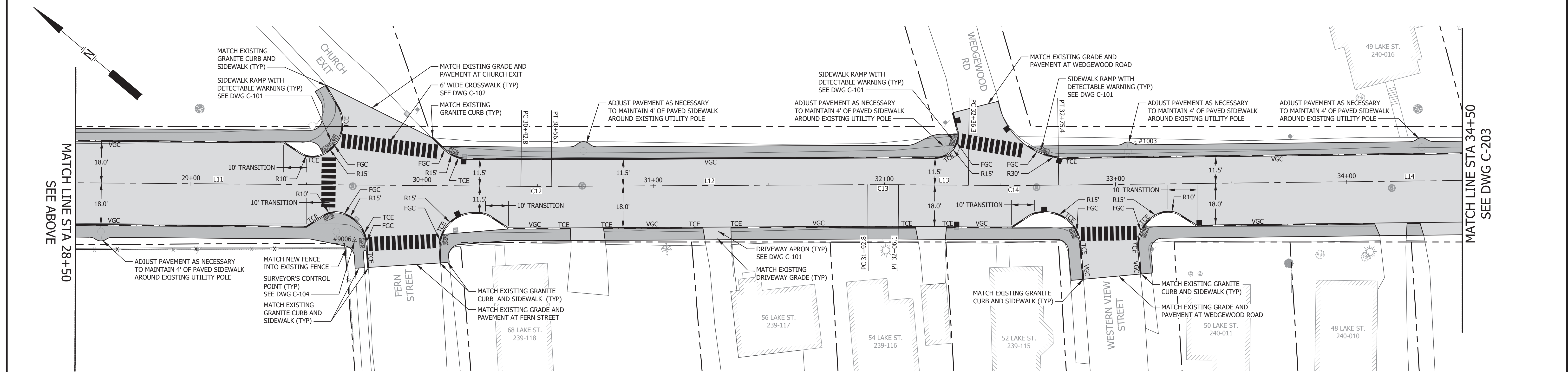
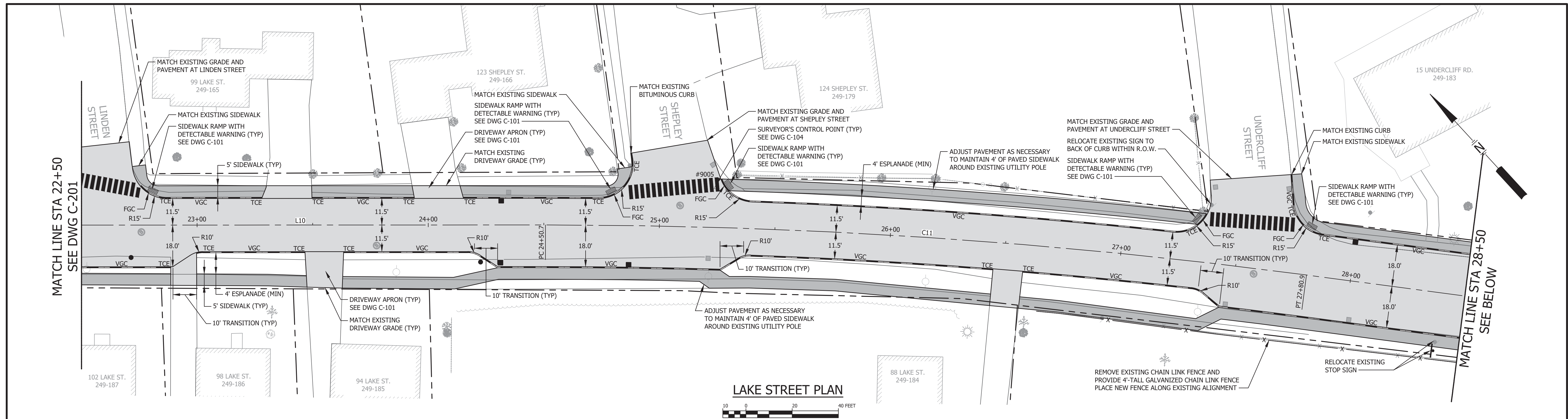
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DATE: 6/2017
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CTB: SME-STD

JOB NO. 16256.00 DWG FILE BASE C-201



LAKE STREET CENTERLINE TABLES

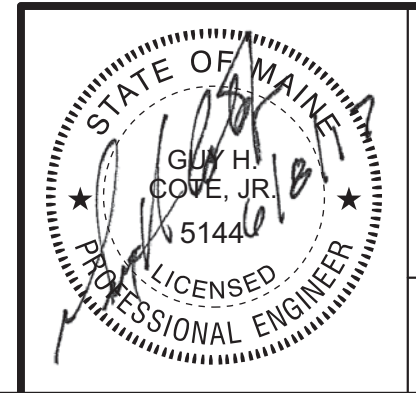
LINE	BEARING	DISTANCE	CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
L10	N 47°25'10" W	796.28'	C11	330.17'	2500.00'	7°34'01"	N 43°38'09" W	329.93'
L11	N 39°51'09" W	261.89'	C12	13.33'	1000.00'	0°45'50"	S 40°14'04" E	13.33'
L12	N 40°36'59" W	136.68'	C13	13.33'	1000.00'	0°45'50"	N 40°14'04" W	13.33'
L13	S 39°51'09" E	30.22'	C14	39.04'	2000.00'	1°07'07"	S 40°24'42" E	39.04'
L14	S 40°58'16" E	303.66'						

CURB TYPE LEGEND

- VGC VERTICAL GRANITE CURB
- TCE TERMINAL CURB END
- FGC FLUSH GRANITE CURB

SEE DWG C-101 FOR CURB AND RAMP DETAILS

REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID



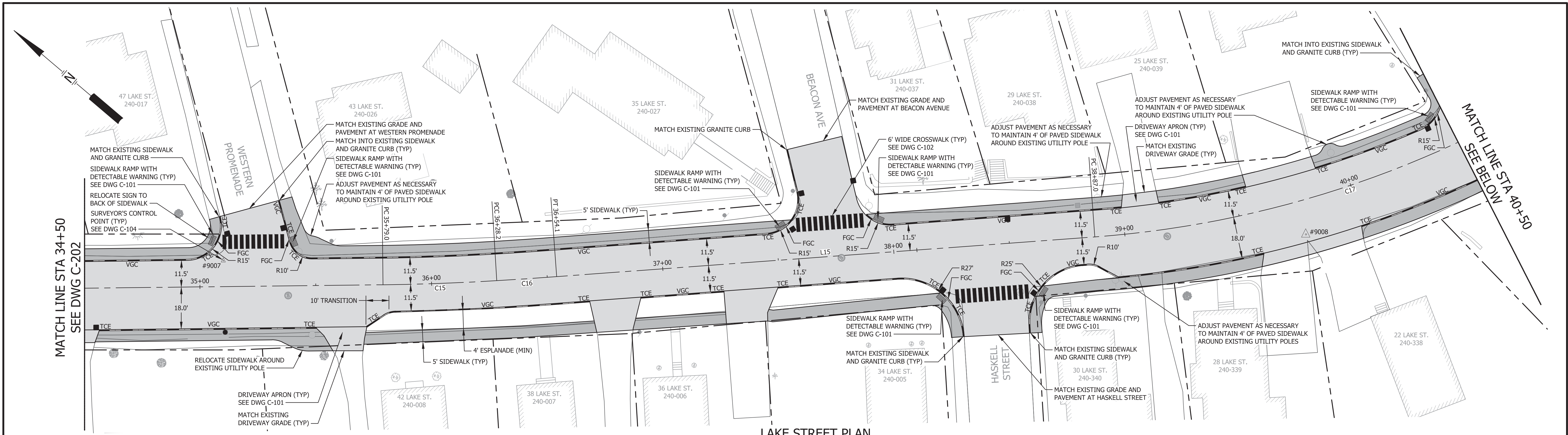
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LMN: RD-SW-PAVE
CTB: SME-STD

JOB NO. 16256.00 DWG FILE BASE C-202



LAKE STREET PLAN



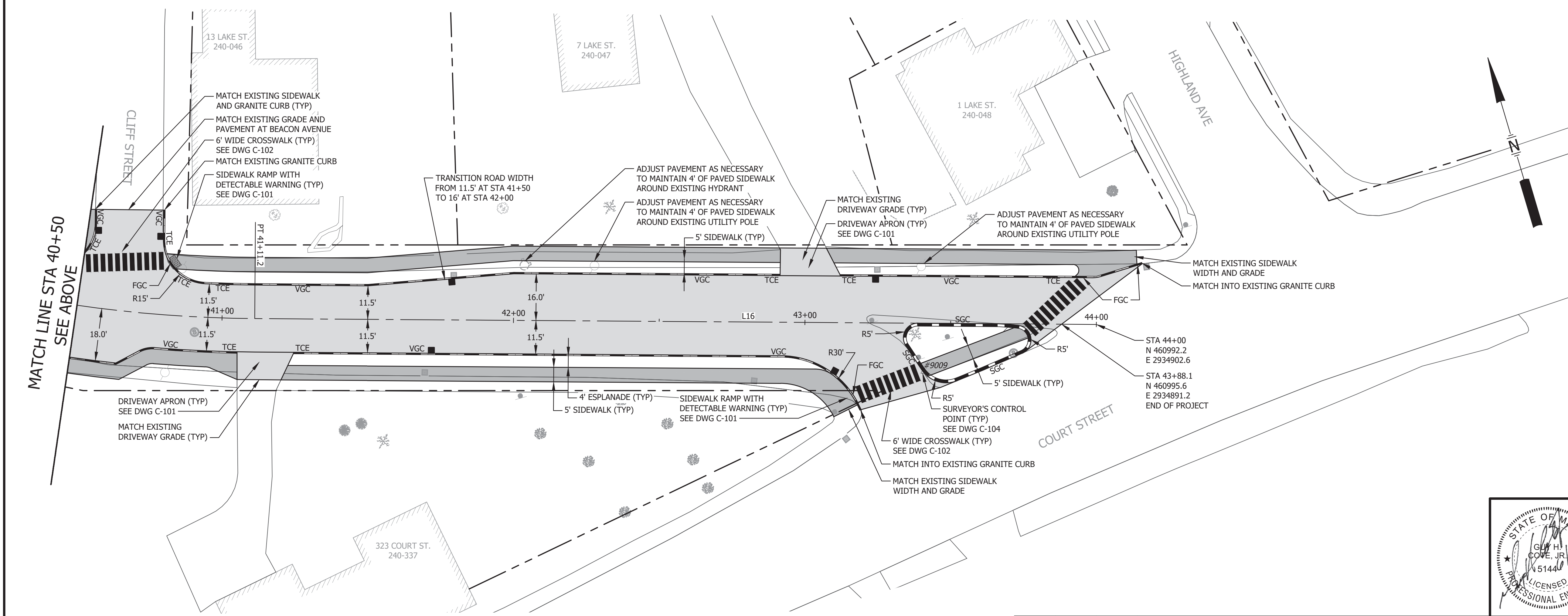
LAKE STREET CENTERLINE TABLES

LINE	BEARING	DISTANCE
L14	S 40°58'16" E	303.66'
L15	N 44°31'41" W	232.91'
L16	N 73°04'41" W	338.77'

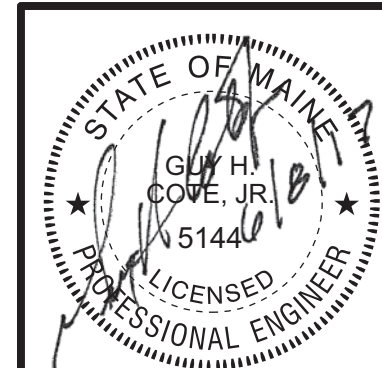
CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C15	49.12'	1000.00'	2°48'53"	S 42°22'42" E	49.12'
C16	25.92'	2000.00'	0°44'33"	S 44°09'25" E	25.92'
C17	224.23'	450.00'	28°32'59"	N 58°48'11" W	221.92'

CURB TYPE LEGEND

- VGC VERTICAL GRANITE CURB
 - SGC SLOPED GRANITE CURB
 - TCE TERMINAL CURB END
 - FGC FLUSH GRANITE CURB
- SEE DWG C-101 FOR CURB AND RAMP DETAILS



LAKE STREET PLAN



CITY OF AUBURN
LAKE STREET IMPROVEMENTS
LAKE STREET
AUBURN, MAINE

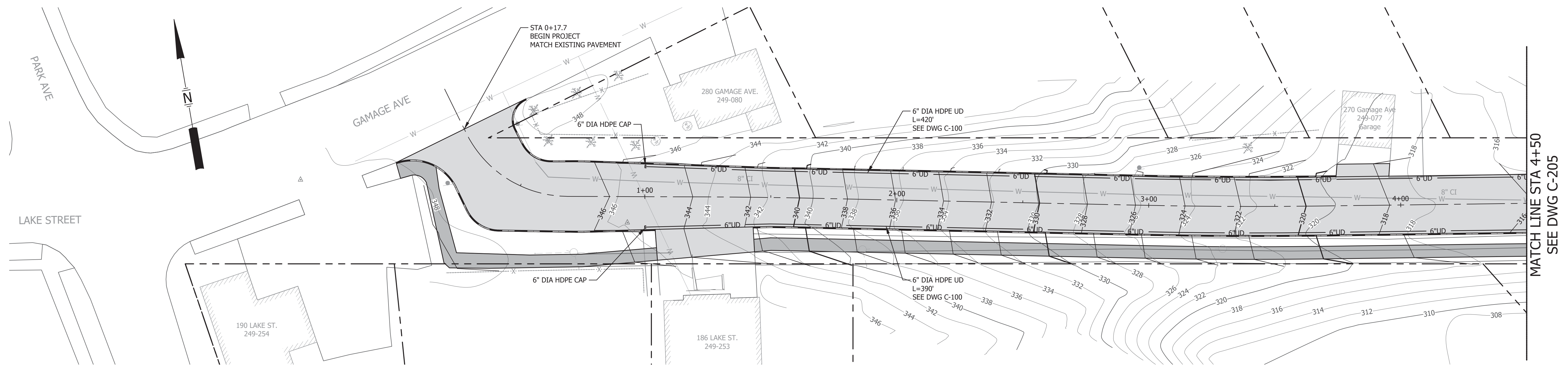
ROAD/SIDEWALK LAYOUT PLANS

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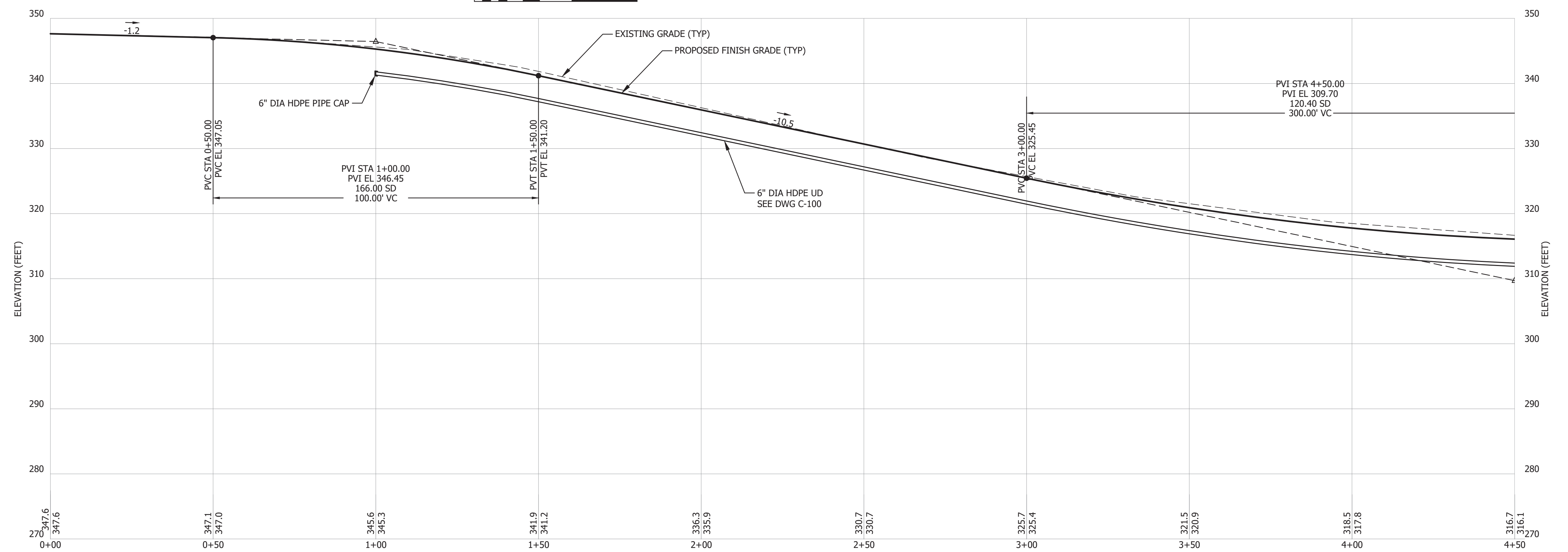
DESIGN BY: JCM
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LMN: RD-SW-PAVE
CTB: SME-STD

JOB NO. 16256.00 DWG FILE BASE C-203

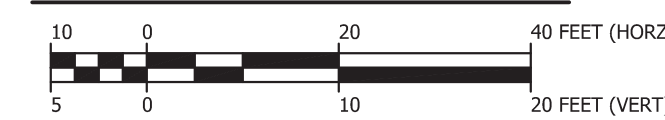
REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID



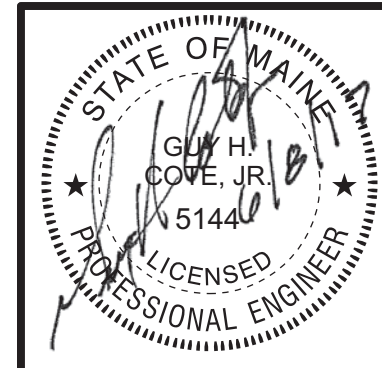
LAKE STREET PLAN



LAKE STREET PROFILE



REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID



CITY OF AUBURN
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LAKE STREET
AUBURN, MAINE
PLAN AND PROFILE
STA 0+00 TO STA 4+50

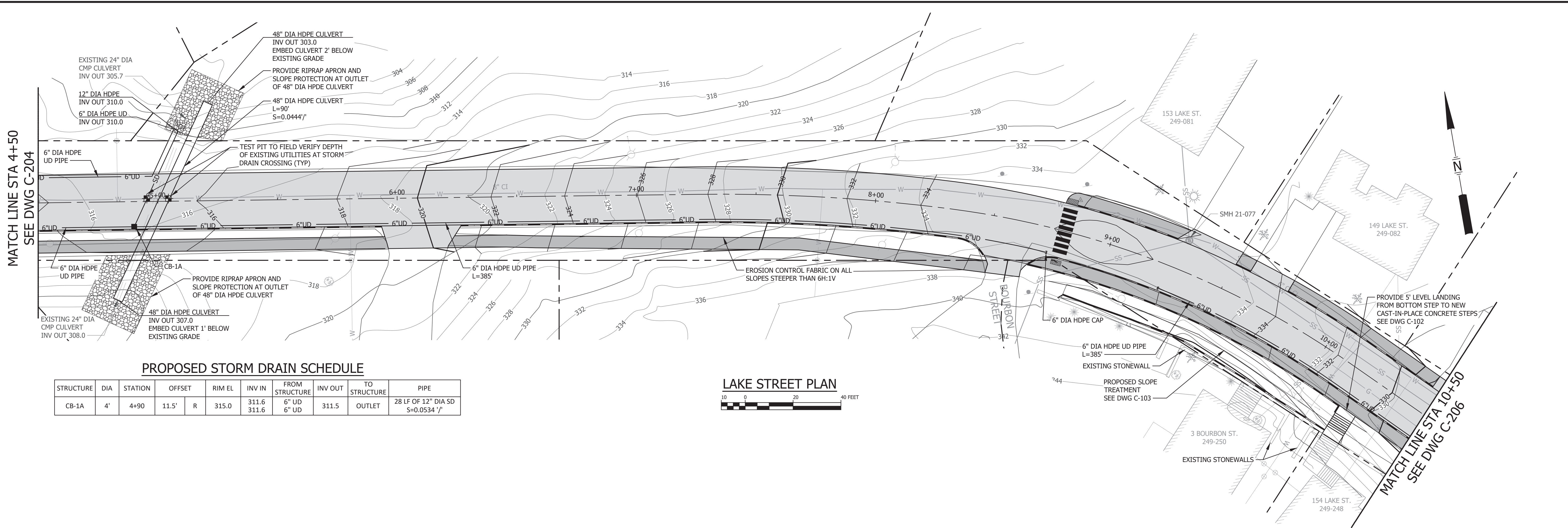
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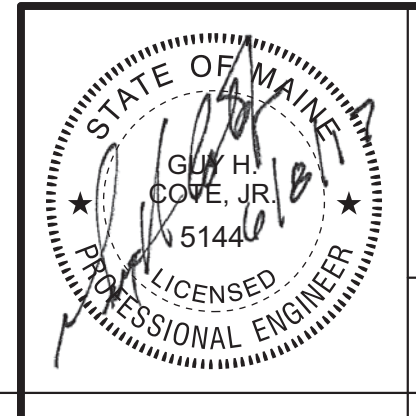
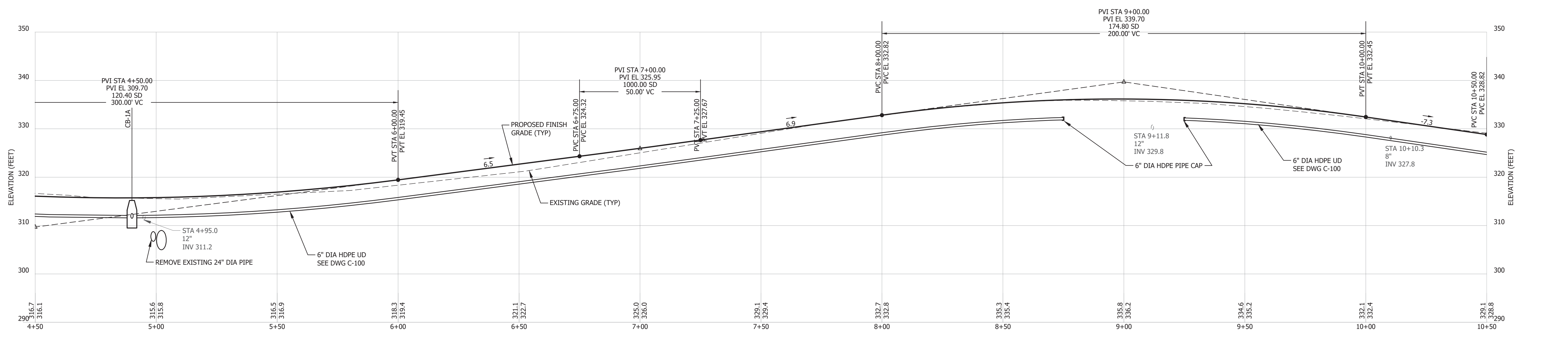
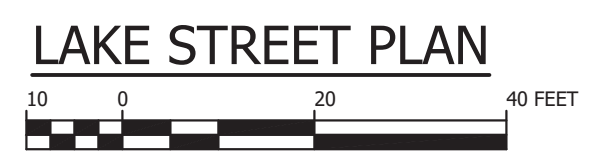
JOB NO. 16256.00 DWG FILE BASE

C-204



PROPOSED STORM DRAIN SCHEDULE

STRUCTURE	DIA	STATION	OFFSET	RIM EL	INV IN	FROM STRUCTURE	INV OUT	TO STRUCTURE	PIPE
CB-1A	4'	4+90	11.5'	R 315.0	311.6 311.6	6" UD 6" UD	311.5	OUTLET	28 LF OF 12" DIA SD S=0.0534'/



**CITY OF AUBURN
LAKE STREET IMPROVEMENTS
LAKE STREET
AUBURN, MAINE
PLAN AND PROFILE
STA 4+50 TO STA 10+50**

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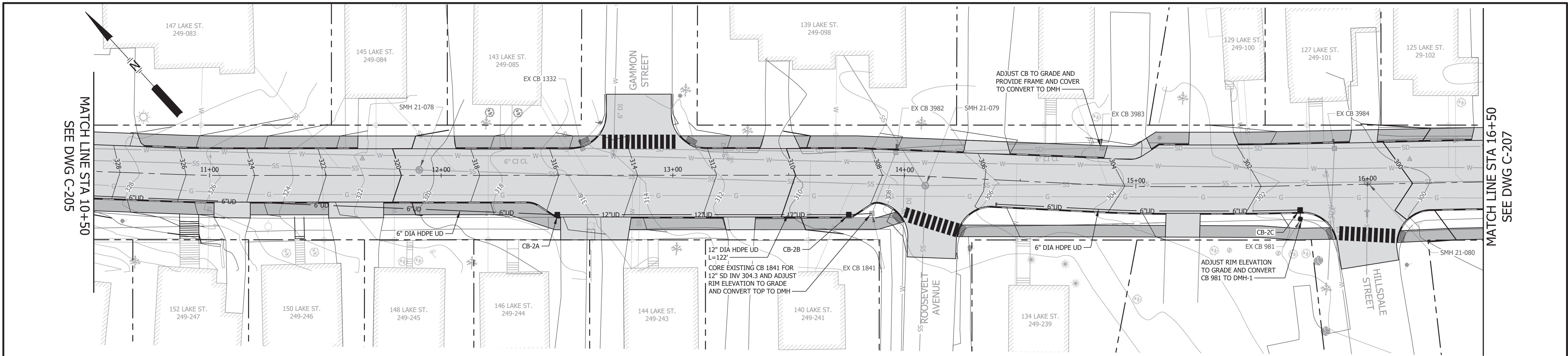
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CTB: SME-STD

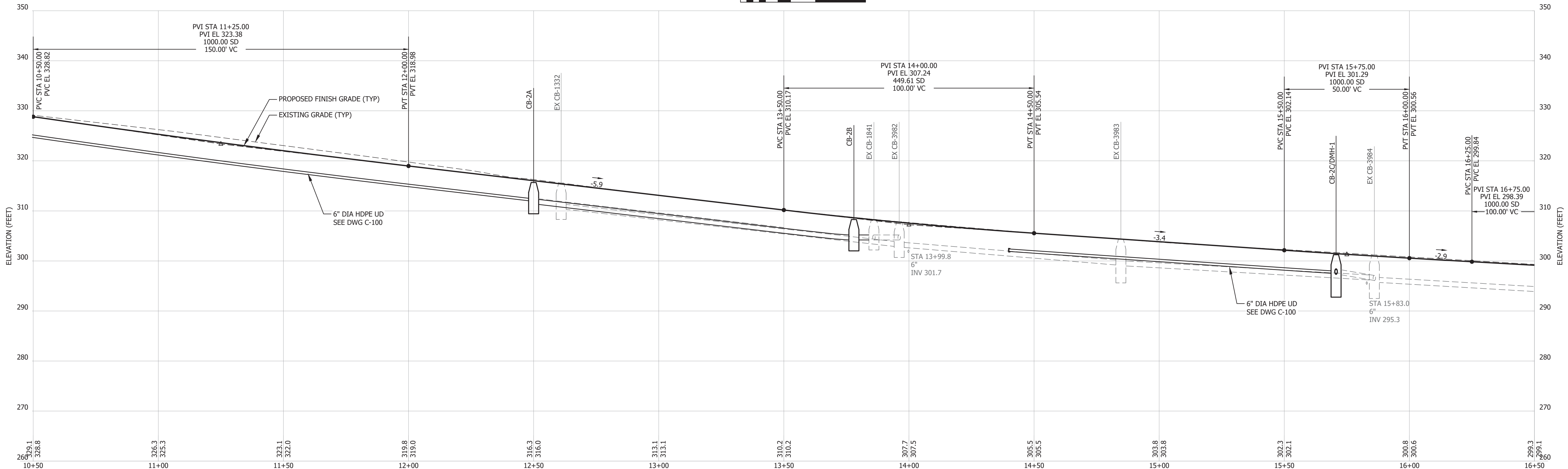
JOB NO. 16256.00 DWG FILE BASE **C-205**

REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID

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LAKE STREET PLAN
 10 0 20 40 FEET



LAKE STREET PROFILE
 10 0 20 40 FEET (HORIZ)
 5 0 10 20 FEET (VERT)

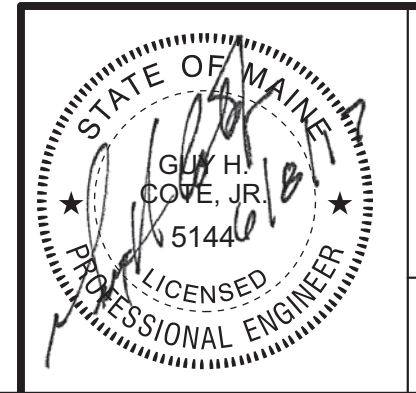
PROPOSED STORM DRAIN SCHEDULE

STRUCTURE	DIA	STATION	OFFSET	RIM EL	INV IN	FROM STRUCTURE	INV OUT	TO STRUCTURE	PIPE
CB-2A	4'	12+50	18'	R 315.5	312.0	6" UD	311.3	CB-2B	122 LF OF 12" DIA UD S=0.057 1/1'
CB-2B	4'	13+78	18'	R 308.4	304.1	CB-2A	304.3	EX CB-1841	8 LF OF 12" DIA SD S=0.013 1/1'
CB-2C	4'	15+70.7	11.5'	R 301.2	298.2	6" UD	298.1	DMH-1	2 LF OF 12" DIA SD S=0.05 1/1'
DMH-1	4'	15+70.7	14.4'	R 301.8	298.0	CB-2C	298.0	EX. SD PIPE	

EXISTING STORM DRAIN SCHEDULE

STRUCTURE	DIA	STATION	OFFSET	RIM EL	INV IN	FROM STRUCTURE	INV OUT	TO STRUCTURE	PIPE
CB-1332	4'	12+61.0	11.6'	L 314.4	-	-	310.3	CB-3982	12" DIA HDPE PIPE
CB-1841	4'	13+86.0	16.5'	R 308.1	304.2	CB-2B	304.2	CB-3983	12" DIA HDPE PIPE
CB-3982	4'	13+96.1	9.9'	L 307.7	302.9 303.4	CB-1332 CB-1841	302.7	CB-3983	12" DIA HDPE PIPE
CB-3983	4'	14+84.7	15.9'	L 303.6	299.2	CB-3982	299.0	CB-3984	12" DIA HDPE PIPE
CB-981	4'	15+70.7	14.0	R 301.3	-	-	298.0	SD PIPE	12" DIA HDPE PIPE
CB-3984	4'	15+86.0	15.8'	L 300.6	296.2 296.1	CB-3983 CB-981	295.7	CB-982	12" DIA HDPE PIPE

REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID



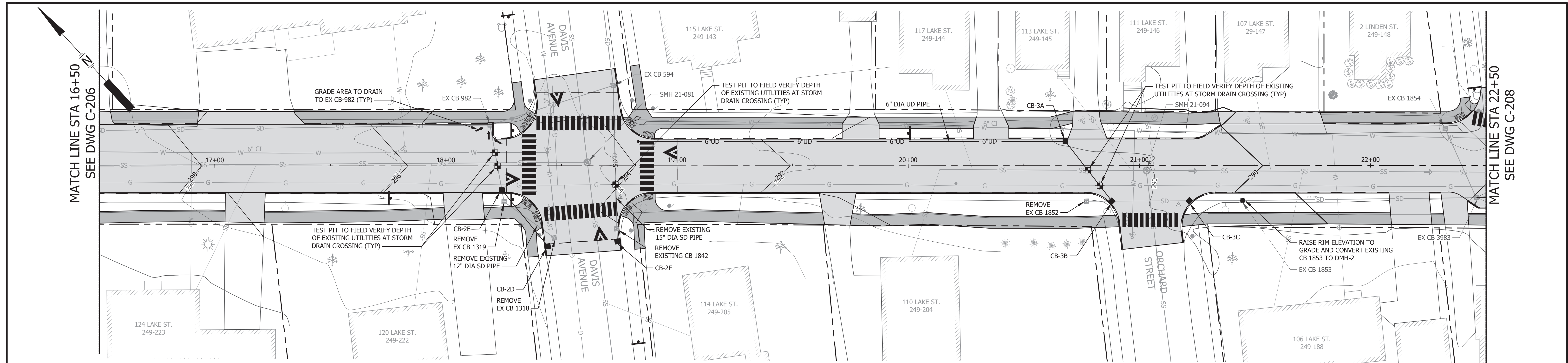
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PLAN AND PROFILE
STA 10+50 TO STA 16+50

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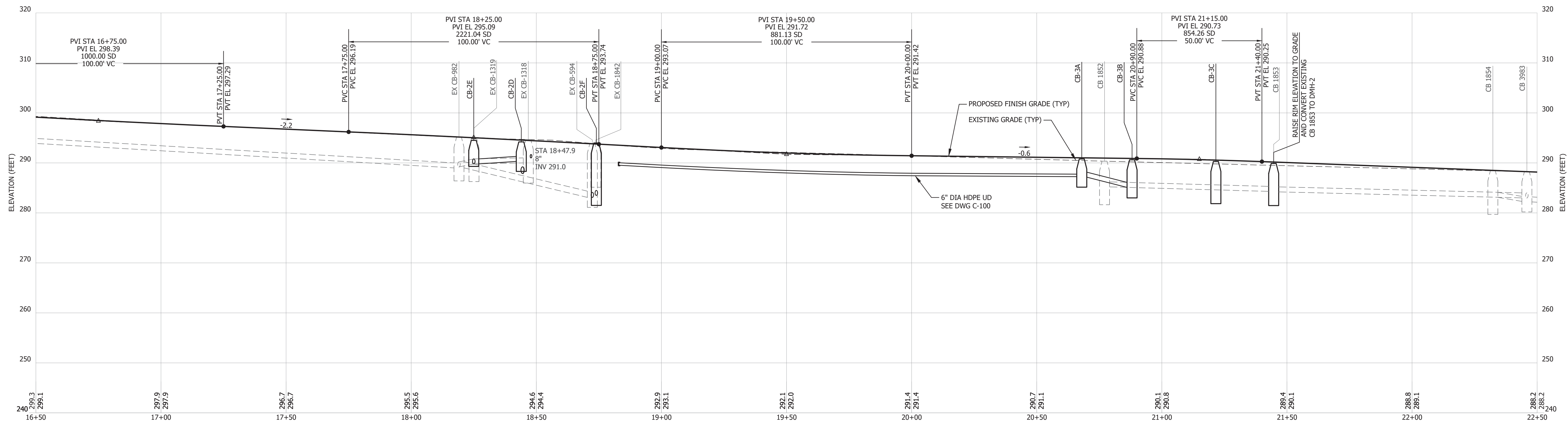
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JOB NO. 16256.00 DWG FILE BASE **C-206**



LAKE STREET PLAN
0 10 20 40 FEET



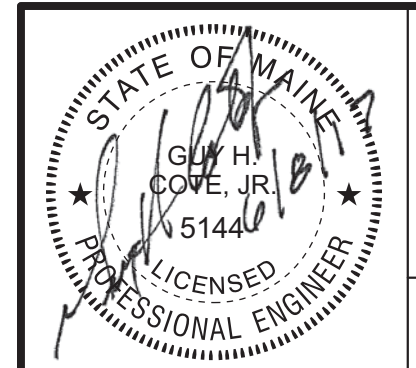
LAKE STREET PROFILE
0 10 20 40 FEET (HORZ)
0 10 20 FEET (VERT)

PROPOSED STORM DRAIN SCHEDULE

STRUCTURE	DIA	STATION	OFFSET	RIM EL	INV IN	FROM STRUCTURE	INV OUT	TO STRUCTURE	PIPE
CB-2D	4'	18+44	34.8'	R 294.20	-	-	290.3	CB-2E	28 LF OF 12" DIA SD S=0.0170'/'
CB-2E	4'	18+25	11.5'	R 294.50	289.8	CB-2D	289.8	EX CB-982	25 LF OF 12" DIA SD S=0.0240'/'
CB-2F	4'	18+74	32.7'	R 294.70	-	-	290.7	EX CB-594	65 LF OF 12" DIA SD S=0.0250'/'
CB-3A	4'	20+68	11.5'	L 290.70	287.2	6"UD	287.1	CB-3B	29 LF OF 12" DIA SD S=0.0741'/'
CB-3B	4'	20+87	15.50	R 290.50	285.1	CB-3A	285.0	CB-3C	30 LF OF 12" DIA SD S=0.014'/ (EXISTING)
CB-3C	4'	21+35	15.50	R 289.8	284.6	CB-3B	284.5	EX CB 1853	20 LF OF 12" DIA SD S=0.014'/ (EXISTING)
DMH-2	4'	21+44.7	15.1'	R 289.1	284.3	CB-1852	284.2	CB-3983	97 LF OF 12" DIA SD S=0.012'/ (EXISTING)

EXISTING STORM DRAIN SCHEDULE

STRUCTURE	DIA	STATION	OFFSET	RIM EL	INV IN	FROM STRUCTURE	INV OUT	TO STRUCTURE	PIPE
CB-982	4'	18+19.1	17.6'	L 293.9	289.2	289.0	289.0	CB-594	15" DIA HDPE PIPE
CB-1319	4'	18+25.1	15.5'	R 294.6	289.9	289.8	289.8	CB-982	12" DIA HDPE PIPE
CB-1318	4'	18+46.8	31.2'	R 294.5	-	290.0	290.0	CB-1319	15" DIA HDPE PIPE
CB-594	4'	18+72.4	34.7'	L 293.6	283.1	CB-982	282.1	DAVIS ST	15" DIA HDPE PIPE
CB-1842	4'	18+73.8	27.2'	R 294.2	-	UNKN	UNKN	UNKN	UNKN
CB-1852	4'	20+77.1	15.4'	R 290.0	-	-	285.2	CB-1853	12" DIA HDPE PIPE
CB-1853	4'	21+44.7	15.1'	R 289.1	284.3	CB-1852	284.2	CB-3983	12" DIA HDPE PIPE
CB-1854	4'	22+32.3	16.1'	L 287.9	-	283.1	283.1	CB-3983	12" DIA HDPE PIPE
CB-3983	4'	22+45.9	13.9'	R 288.1	283.0	282.3	282.2	DMH	12" DIA HDPE PIPE



CITY OF AUBURN
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LAKE STREET
AUBURN, MAINE
PLAN AND PROFILE
STA 16+50 TO 22+50

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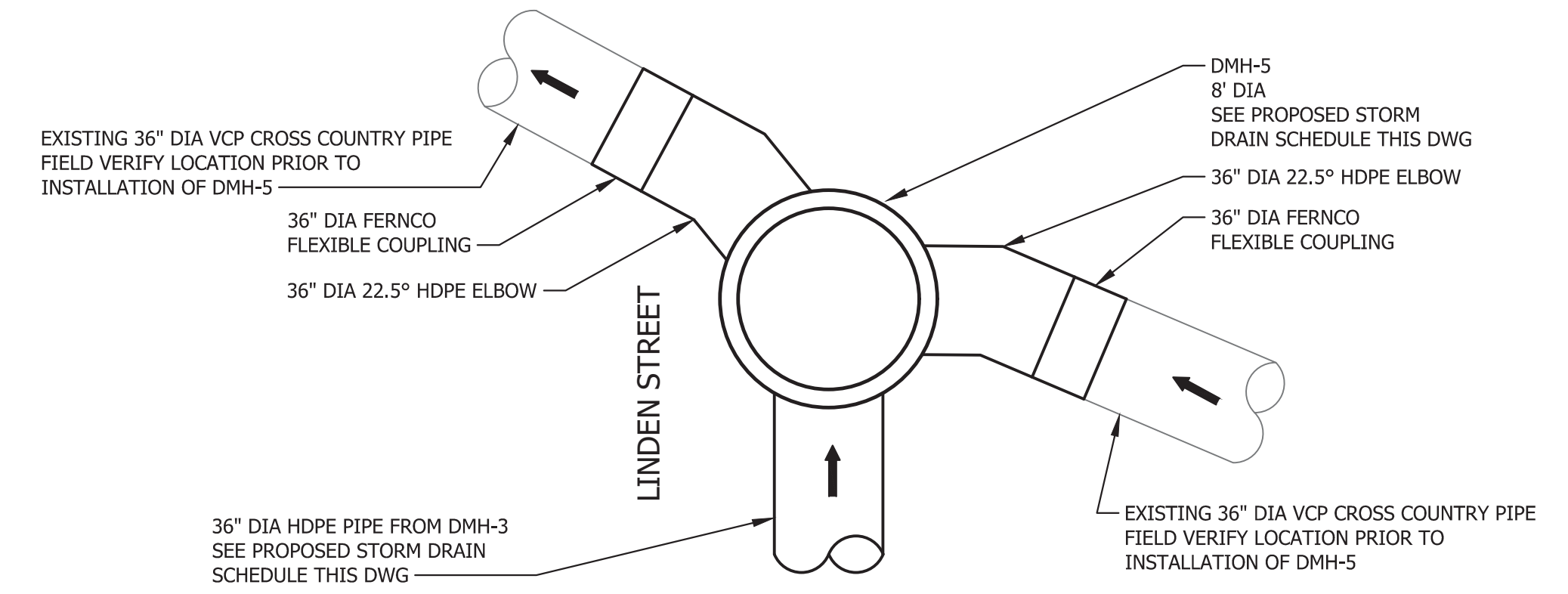
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CTB: SME-STD

JOB NO. 16256.00 DWG FILE BASE C-207

REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID

EXISTING STORM DRAIN SCHEDULE

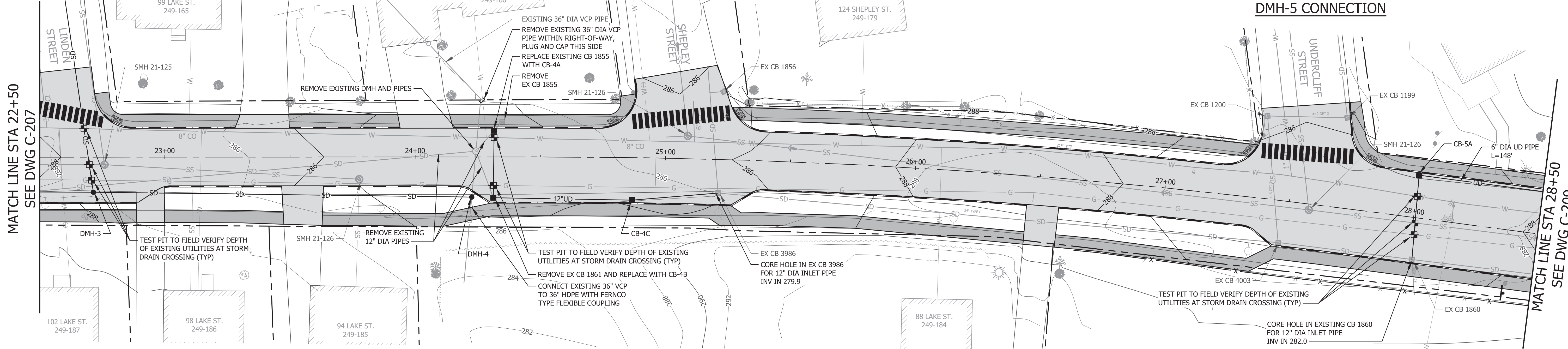
STRUCTURE	DIA	STATION	OFFSET	RIM EL	INV IN	FROM STRUCTURE	INV OUT	TO STRUCTURE	PIPE
DMH	4'	24+24.3	2.3'	L	284.9	279.5 276.9 276.7 275.7	275.7	CB-1855	12" DIA HDPE PIPE
CB-1861	4'	24+31.2	16.3'	R	-	-	281.0	DMH	8" DIA HDPE PIPE
CB-1855	4'	24+34.8	14.1'	L	284.6	UNKN	DMH	LINDEN ST	36" DIA VCP PIPE
CB-3986	4'	25+21.4	13.5'	R	285.8	280.7 281.3	279.3	CB-1856	24" DIA HDPE PIPE
CB-1856	4'	25+22.5	27.0'	L	286.0	-	282.8	SD PIPE	12" DIA HDPE PIPE
CB-1200	4'	27+37.5	32.9'	L	285.4	282.3	282.3	CB-4003	15" DIA SD PIPE
CB-4003	4'	27+47.5	16.9'	R	286.5	281.1 281.0	280.7	CB-1200 CB-3986	24" DIA SD PIPE
CB-1199	4'	27+68.7	36.0'	L	285.2	283.7	282.8	CB-1200	12" DIA SD PIPE
CB-1860	4'	28+01.5	16.7'	R	286.9	282.0 282.0 281.9	281.5	CB-5A LAKE ST CB-4004	24" DIA SD PIPE



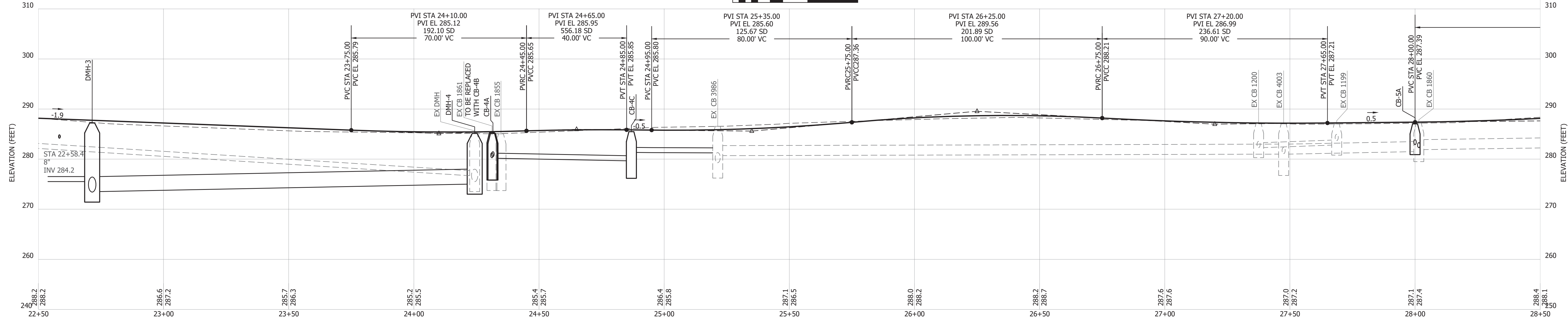
DMH-5 CONNECTION

MATCH LINE STA 22+50
SEE DWG C-207

MATCH LINE STA 28+50
SEE DWG C-209



LAKE STREET PLAN

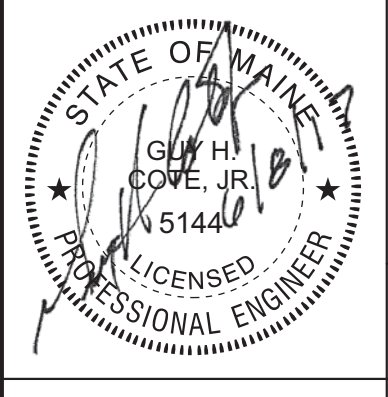


LAKE STREET PROFILE



PROPOSED STORM DRAIN SCHEDULE

STRUCTURE	DIA	STATION	OFFSET	RIM EL	INV IN	FROM STRUCTURE	INV OUT	TO STRUCTURE	PIPE
DMH-5	8'	22+40.3	197.4'	L	281.3	271.3	271.3	DMH-3	EXISTING 36" VCP
DMH-3	6'	22+71.5	14.0'	R	287.4	275.5 273.5	273.4	DMH-5	206 LF OF 36" DIA SD S=.010'/'
DMH-4	6'	24+22.6	16.0'	R	285.6	275.0	274.9	DMH-3	145 LF OF 36" DIA SD S=.011'/'
CB-4A	4'	24+31.6	11.5'	L	284.6	-	281.1	CB-4B	25 LF OF 12" DIA SD S=.01'/'
CB-4B	4'	24+31.2	17.2'	R	284.5	280.8	280.7	CB-4C	52 LF OF 12" DIA UD S=.01'/'
CB-4C	4'	24+87	18'	R	285.4	280.2	280.1	EX. CB 3986	32 LF OF 12" DIA UD S=.01'/'
CB-5A	4'	28+00	18'	L	286.9	283.4	282.9	EX. CB 1860	30 LF OF 12" DIA SD S=.03'/'



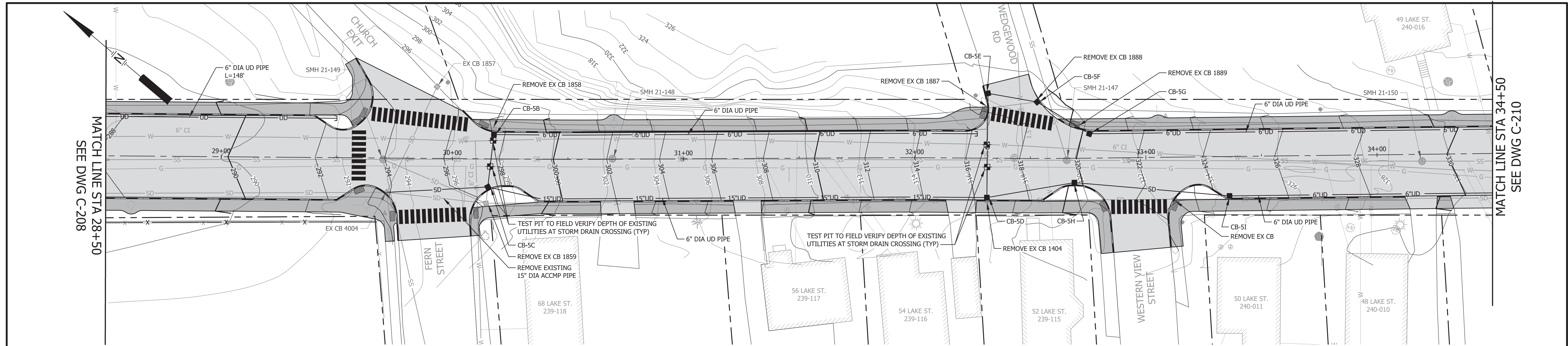
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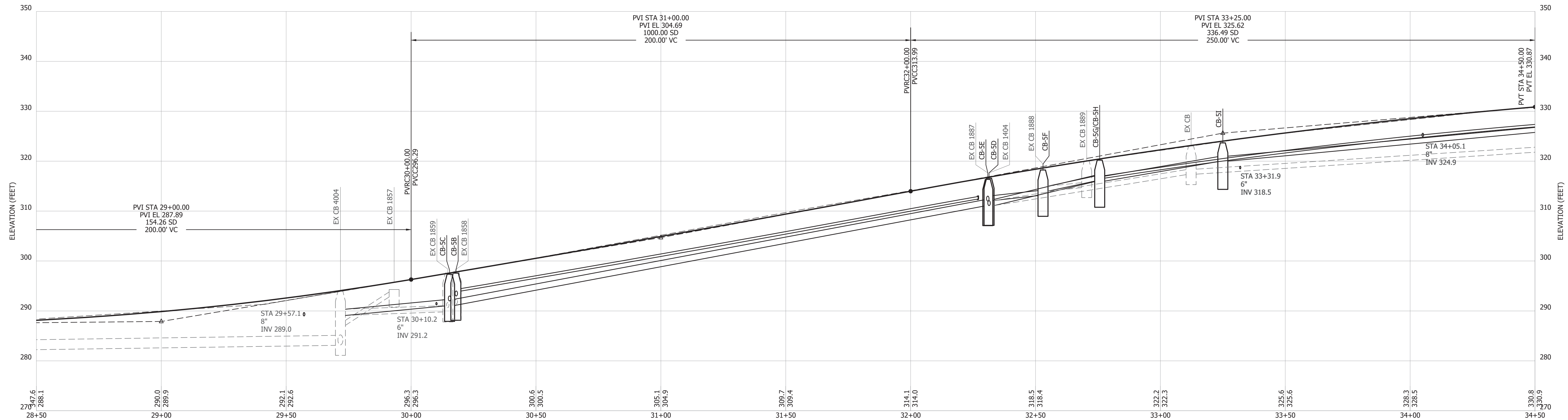
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JOB NO. 16256.00 DWG FILE BASE **C-208**

REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID



LAKE STREET PLAN
 10 0 20 40 FEET



LAKE STREET PROFILE
 10 0 20 40 FEET (HORIZ)
 5 0 10 20 FEET (VERT)

PROPOSED STORM DRAIN SCHEDULE

STRUCTURE	DIA	STATION	OFFSET	RIM EL	INV IN	FROM STRUCTURE	INV OUT	TO STRUCTURE	PIPE
CB-5B	4'	30+19	13'	R	297.40	294.0	6"UD	293.0	CB-5C
CB-5C	4'	30+15	13'	L	297.20	292.0 291.1	CB-5B CB-5D	291.0	EX. 4004
CB-5D	4'	32+31	18'	R	316.4	311.1 311.1	CB-5E CB-5H	311.0	CB-5C
CB-5E	4'	32+31.5	28'	L	317.10	312.1	CB-5F	312.0	CB-5D
CB-5F	4'	32+54	24'	L	318.60	314.0	CB-5G	313.1	CB-5E
CB-5G	4'	32+75	11.5'	L	319.90	316.5	6"UD	316.0	CB-5F
CB-5H	4'	32+75	18'	R	319.90	316.0	CB-5I	315.9	CB-5D
CB-5I	4'	33+25	18'	R	323.60	320.0	CB-5J	319.9	CB-5H

EXISTING STORM DRAIN SCHEDULE

STRUCTURE	DIA	STATION	OFFSET	RIM EL	INV IN	FROM STRUCTURE	INV OUT	TO STRUCTURE	PIPE
CB-4004	4'	29+71.7	14.8'	R	292.8	289.1 287.1 283.2 289.1	CB-1857 CB-1859 FERN ST CB-5C	283.1	CB-1860
CB-1857	4'	29+93.2	31.0'	R	294.3	-	-	292.8	CB-4004
CB-1859	4'	30+14.7	19.2'	R	296.7	290.7	CB-1858	289.8	CB-4004
CB-1858	4'	30+18.1	12.7'	L	297.4	-	-	291.4	CB-1859
CB-1887	4'	32+30.9	21.6'	L	317.1	311.5	CB-1888	311.4	CB-1404
CB-1404	4'	32+31.4	18.2'	R	316.2	311.1 311.0	CB CB-1887	310.9	CB-1859
CB-1888	4'	32+53.0	24.4'	L	318.6	314.0	CB-1889	313.1	CB-1887
CB-1889	4'	32+70.5	13.6'	L	319.6	-	-	314.7	CB-1888
CB	4'	33+12.3	18.2'	R	322.6	317.4	CB-1841	317.3	CB-1404

REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID

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LAKE STREET IMPROVEMENTS
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AUBURN, MAINE
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STA 28+50 TO STA 34+50

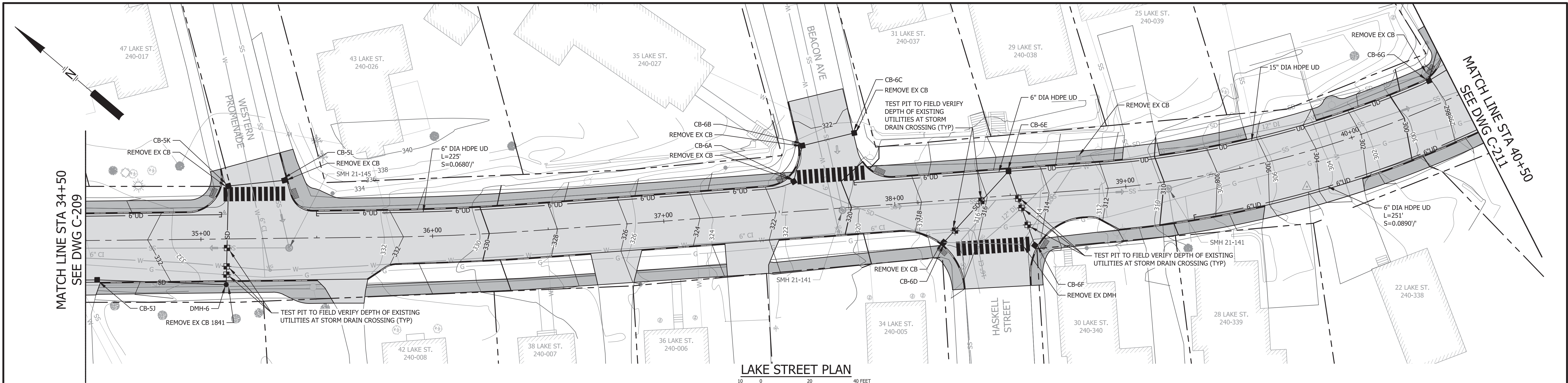
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 LMN: RD-SW-PAVE
 CTB: SME-STD

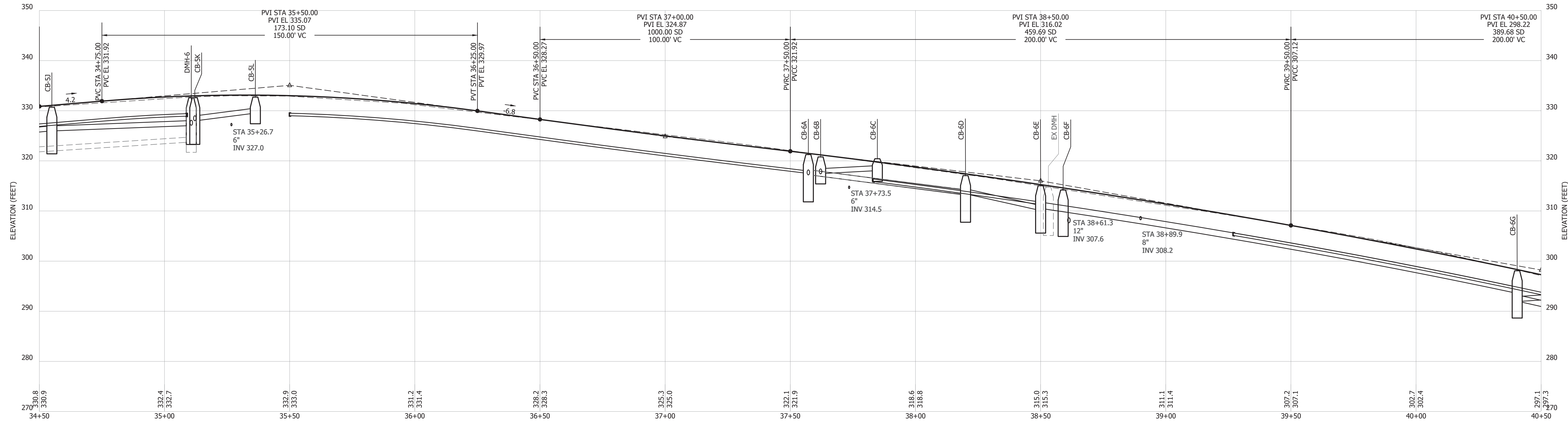
JOB NO. 16256.00

DWG FILE BASE

C-209



LAKE STREET PLAN
 0 10 20 40 FEET



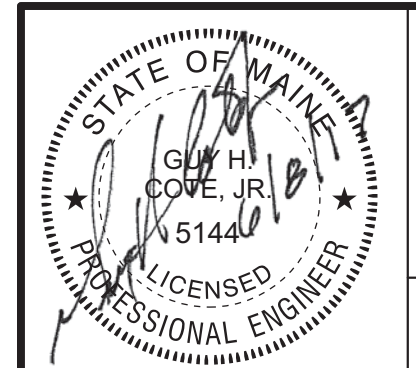
LAKE STREET PROFILE
 0 10 20 40 FEET (HORZ)
 5 10 20 FEET (VERT)

PROPOSED STORM DRAIN SCHEDULE

STRUCTURE	DIA	STATION	OFFSET	RIM EL	INV IN	FROM STRUCTURE	INV OUT	TO STRUCTURE	PIPE
CB-5J	4'	34+55	18' R	330.6	326.0	DMH-6	325.9	CB-5I	126 LF OF 12" DIA UD S=0.0468 '/'
DMH-6	4'	35+10	22' R	332.90	327.10	CB-5K	327.0	CB-5J	52 LF OF 12" DIA UD S=0.0192 '/'
CB-5K	4'	35+13	23' L	332.60	328.10	CB-5L	328.0	DMH-6	39 LF OF 12" DIA SD S=0.0231 '/'
CB-5L	4'	35+38	25' L	332.70	-----	-----	329.4	CB-5K	21 LF OF 12" DIA SD S=0.0619 '/'
CB-6A	4'	37+57	13' L	321.10	317.6 317.2	6" UD CB-6B	317.1	CB-6D	65 LF OF 12" DIA SD S=0.0585 '/'
CB-6B	4'	37+62	28' L	321.40	317.50	CB-6C	317.4	CB-6A	12 LF OF 12" DIA UD S=0.017 '/'
CB-6C	4'	37+85	32' L	321.14	-----	-----	317.9	CB-6B	20 LF OF 12" DIA SD S=0.02 '/'
CB-6D	4'	38+20	18' R	316.80	313.30	CB-6A	313.2	CB-6E	37 LF OF 12" DIA SD S=0.0784 '/'
CB-6E	4'	38+50	11.5' L	315.0	312.0 310.3 310.4	6" UD CB-6D CB-6F	310.2	CB-6G	186 LF OF 15" DIA UD S=0.0989 '/'
CB-6F	4'	38+60	18' R	314.10	-----	-----	310.9	CB-6E	25 LF OF 12" DIA SD S=0.02 '/'
CB-6G	4'	40+41	11.5' L	297.70	292.0 293.8	CB-6H CB-6E	291.8	CB-6K	133 LF OF 15" DIA SD S=0.1150 '/'

EXISTING STORM DRAIN SCHEDULE

STRUCTURE	DIA	STATION	OFFSET	RIM EL	INV IN	FROM STRUCTURE	INV OUT	TO STRUCTURE	PIPE
CB-1841	4'	35+10.7	19.7' R	332.0	325.3	CB	323.7	CB	12" DIA ACCMP PIPE
CB	4'	35+12.1	22.8' L	332.6	327.6	CB	327.3	CB-1841	12" DIA ACCMP PIPE
CB	4'	35+36.3	25.0' L	332.7	-	-	329.0	CB	12" DIA ACCMP PIPE
CB	4'	37+57.2	12.9' L	321.3	317.2	CB	317.1	CB	12" DIA ACCMP PIPE
CB	4'	37+62.1	28.1' L	321.4	317.6	CB	317.3	CB	12" DIA ACCMP PIPE
CB	4'	37+84.8	31.9' L	321.1	-	-	321.1	CB	12" DIA ACCMP PIPE
CB	4'	38+19.9	18.0' R	316.8	313.4	CB	313.3	CB	12" DIA ACCMP PIPE
DMH	4'	38+53.1	21.3' R	314.6	307.8	CB	306.7	UNKN	UNKN
CB	4'	38+80.6	14.1' L	312.4	307.6	CB	305.9	DMH	12" DIA ACCMP PIPE
CB	4'	40+40.4	13.6' L	297.9	292.5 291.3	CB- CB	291.1	CB	15" DIA ACCMP PIPE



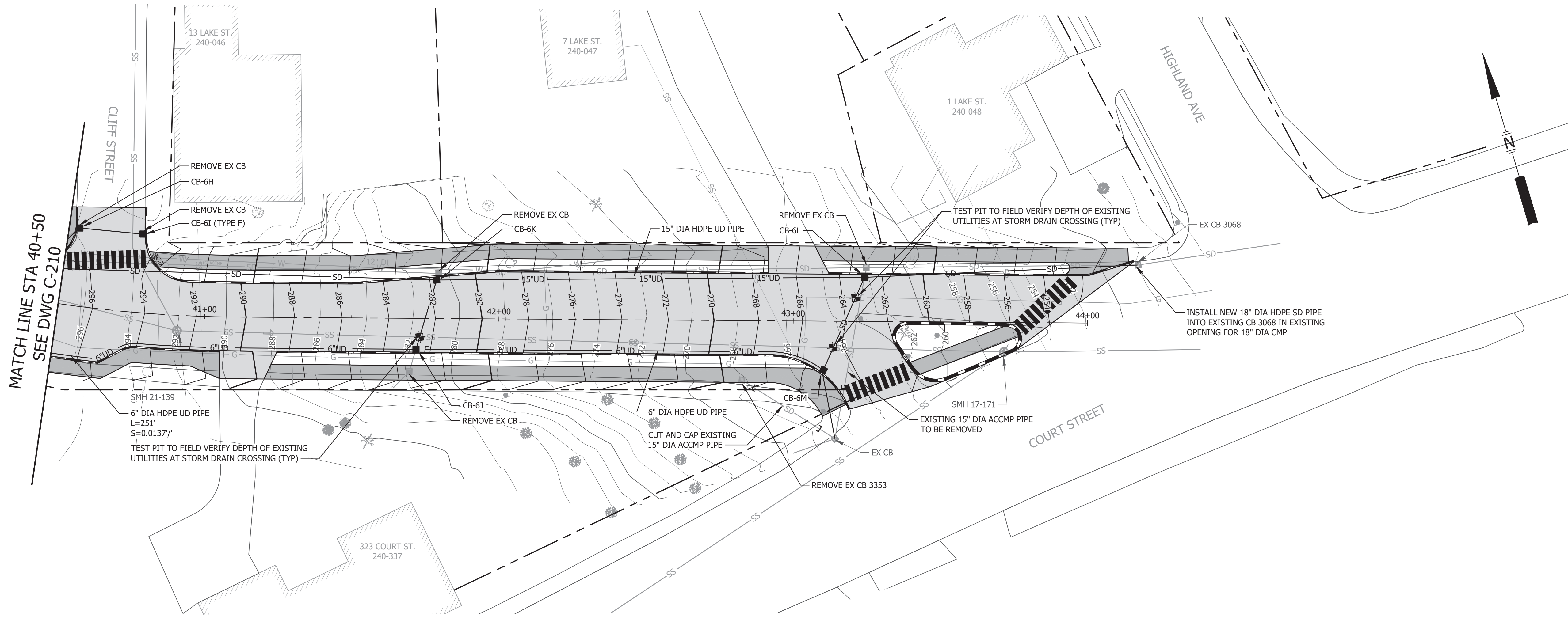
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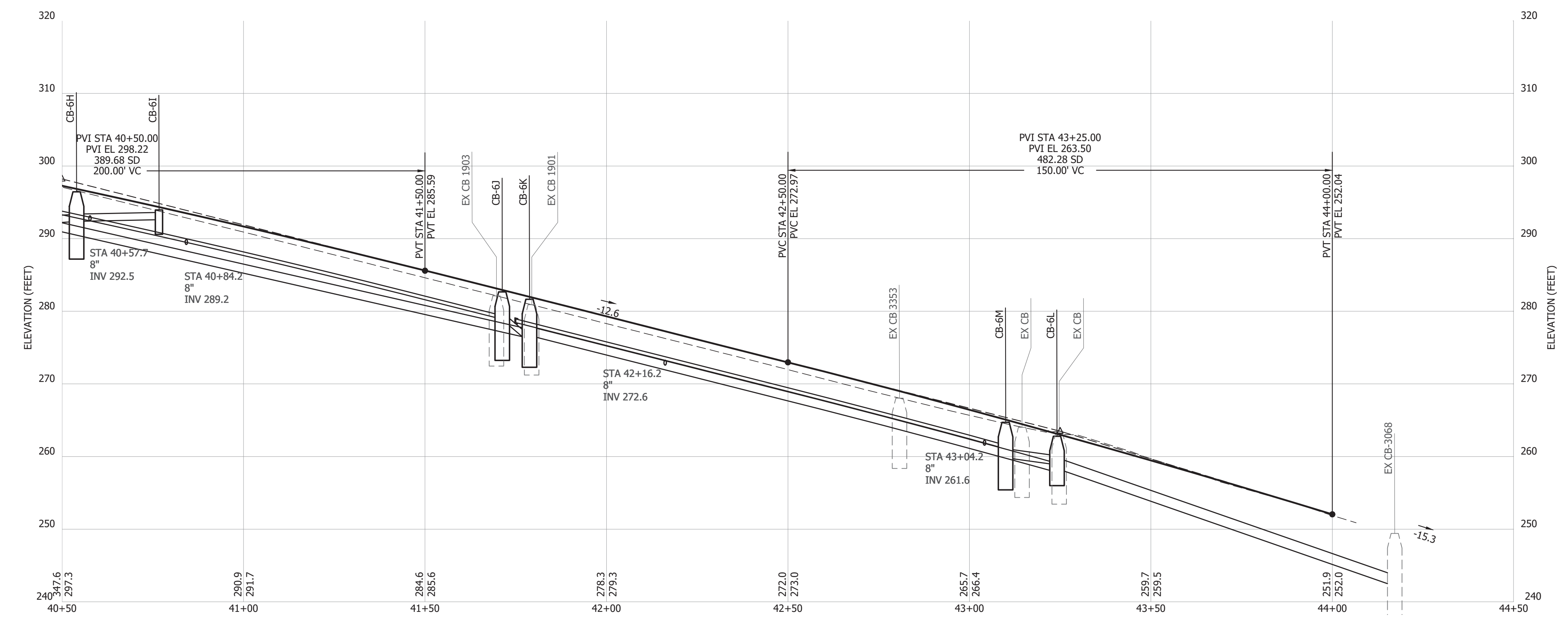
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DRAWN BY: SJM	
CHECKED BY: GHC	
LMN: RD-SW-PAVE CTB: SME-STD	

JOB NO. 16256.00 DWG FILE BASE

REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID



LAKE STREET PLAN
 0 10 20 40 FEET



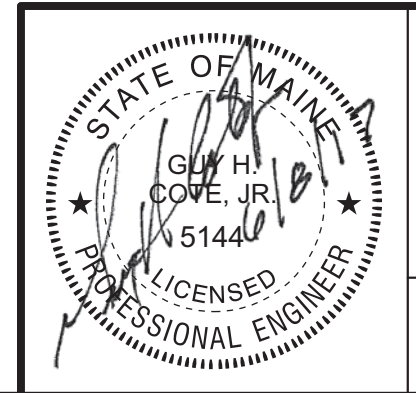
LAKE STREET PROFILE
 0 10 20 40 FEET (HORIZ)
 0 10 20 FEET (VERT)

PROPOSED STORM DRAIN SCHEDULE

STRUCTURE	DIA	STATION	OFFSET	RIM EL	INV IN	FROM STRUCTURE	INV OUT	TO STRUCTURE	PIPE
CB-6H	4'	40+54	26'	L	295.90	292.40	CB-6I	CB-6G	16 LF OF 12" DIA UD S=0.0188 '/'
CB-6I (TYPE F)	2'	40+88	27'	L	294.70	-----	-----	CB-6H	18 LF OF 8" DIA SD S=0.011 '/'
CB-6J	4'	41+72	11.5	R	282.10	279.0	6" UD	CB-6K	18 LF OF 12" DIA SD S=0.1224 '/'
CB-6K	4'	41+78	14'	L	281.50	276.5	CB-6G CB-6J	CB-6L	143 LF OF 15" DIA UD S=0.1224 '/'
CB-6L	4'	43+23	16'	L	262.30	258.1 259.0	CB-6K CB-6M	EX. CB 3068	90 LF OF 18" DIA SD S=0.1722 '/'
CB-6M	4'	43+10	18'	R	264.50	261.3 259.7	6" UD EX CB	CB-6L	32 LF OF 15" DIA SD S=0.02 '/'

EXISTING STORM DRAIN SCHEDULE

STRUCTURE	DIA	STATION	OFFSET	RIM EL	INV IN	FROM STRUCTURE	INV OUT	TO STRUCTURE	PIPE
CB	4'	40+53.9	26.5'	L	295.9	292.60	CB	CB	8" DIA ACCMP PIPE
CB	4'	40+76.7	26.7'	L	294.7	-	-	CB	8" DIA ACCMP PIPE
CB-1903	4'	41+69.7	18.1'	R	281.70	279.60	323 COURT	CB-1901	8" DIA ACCMP PIPE
CB-1901	4'	42+72.7	20.2'	R	267.10	-	-	CB	15" DIA ACCMP PIPE
CB	4'	43+14.5	39.9'	L	261.90	256.8 256.2	CB-3068	CB	15" DIA ACCMP PIPE
CB-3068	4'	44+17.1	19.8'	L	247.60	242.30	COURT ST	CB	18" DIA ACCMP PIPE



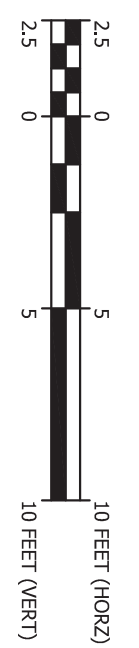
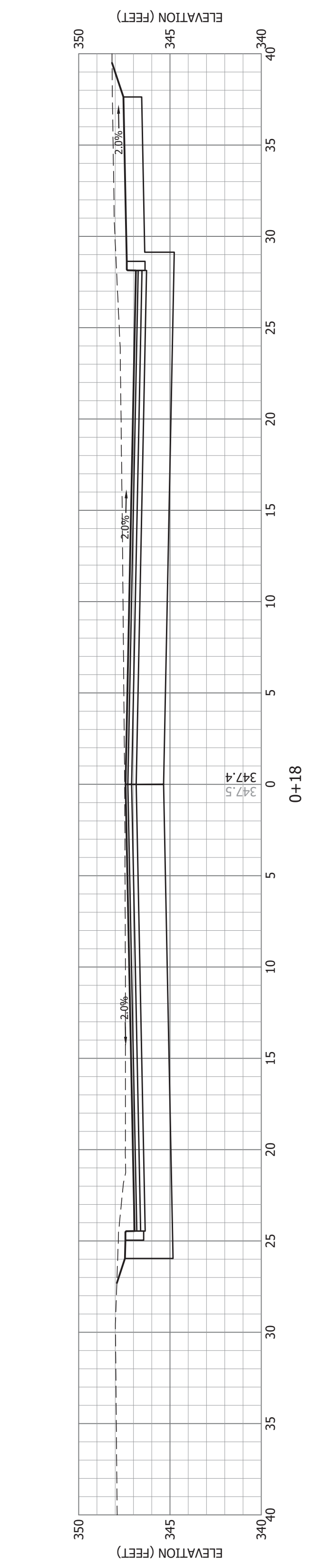
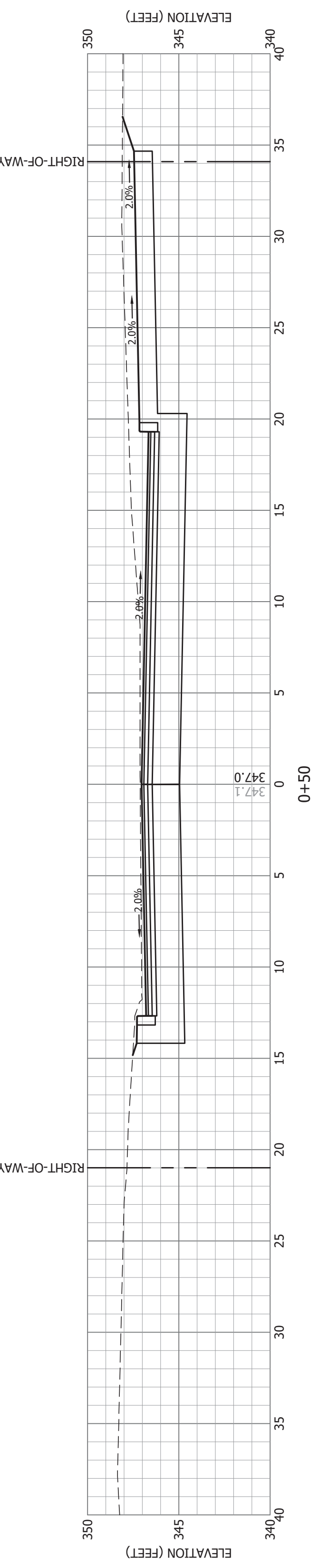
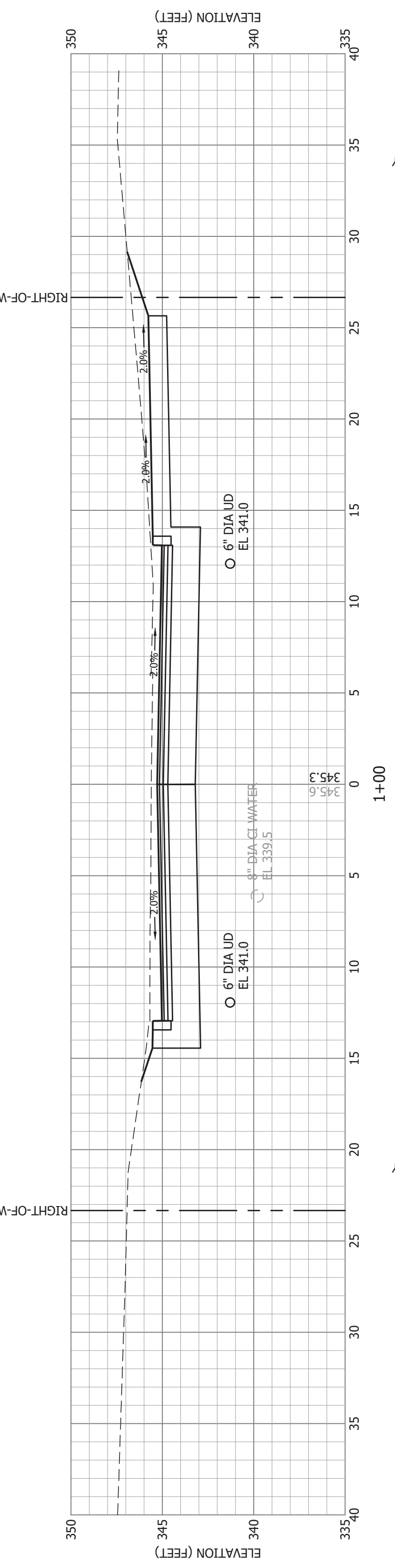
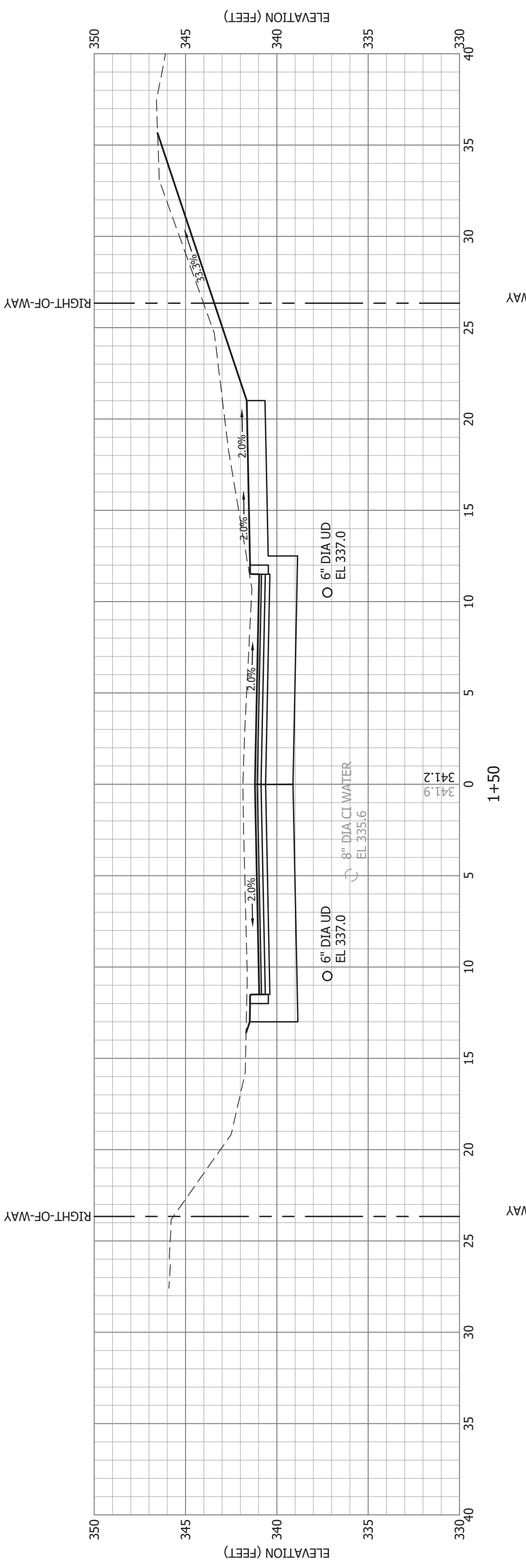
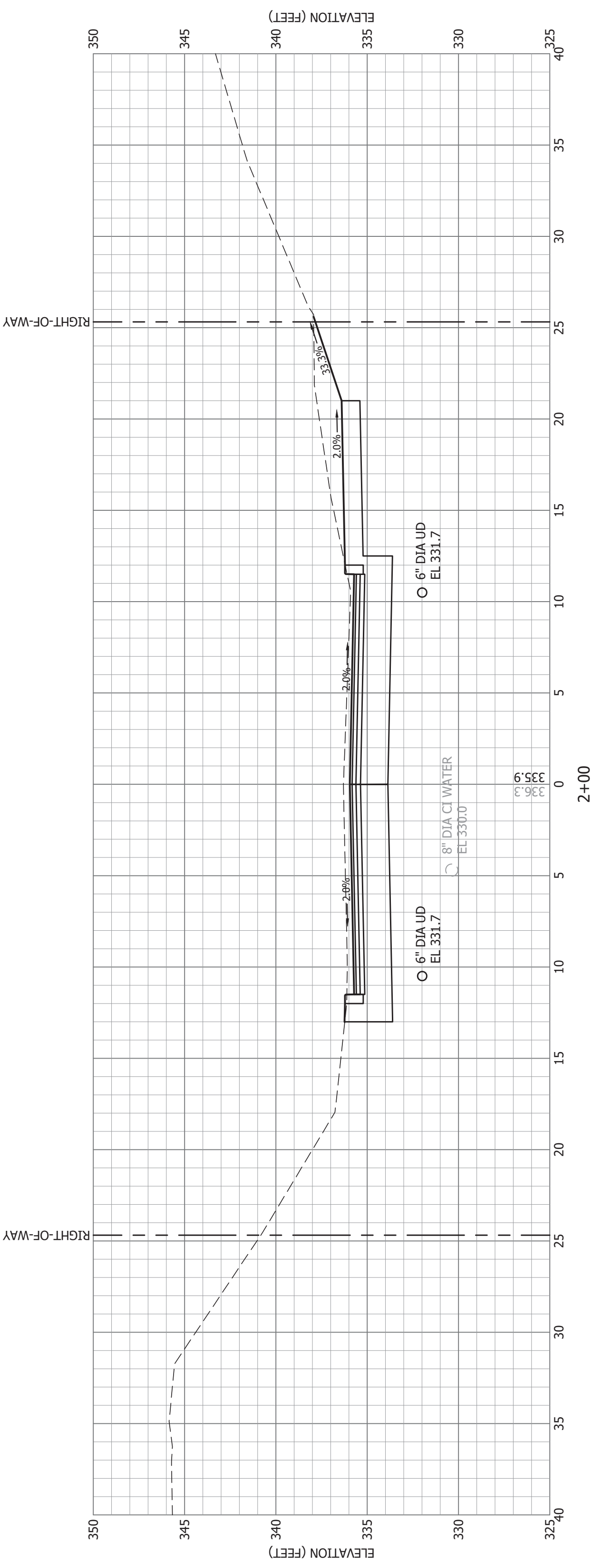
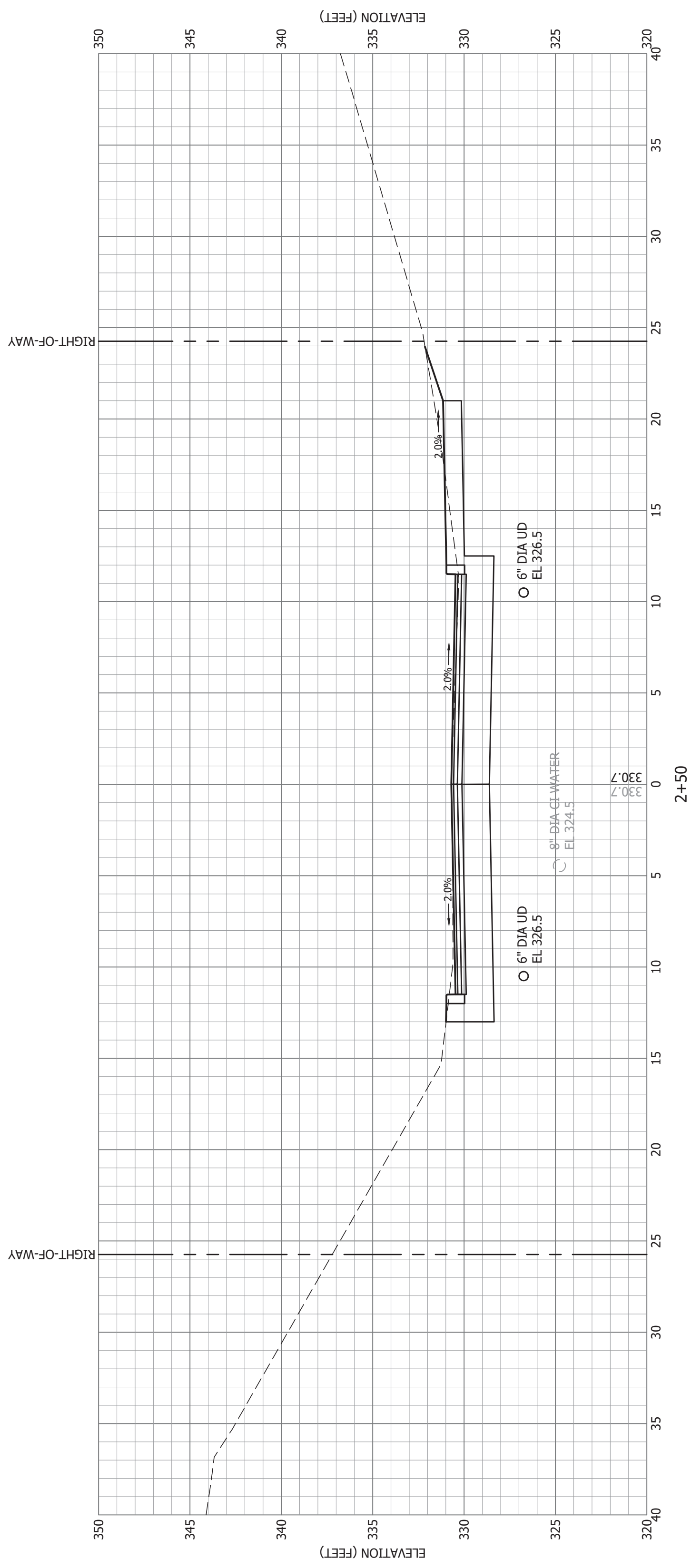
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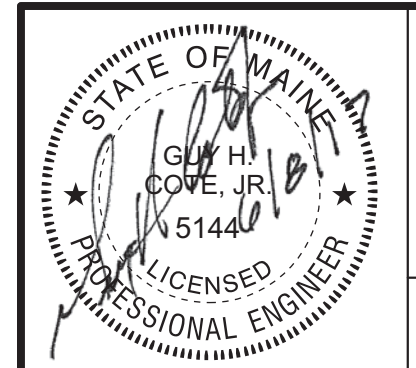
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 DRAWN BY: SJM
 DATE: 6/2017
 CHECKED BY: GHC
 LMN: RD-SW-PAVE
 CTB: SME-STD

REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID


JOB NO. 16256.00 DWG FILE BASE **C-211**



REV.	BY	DATE	STATUS
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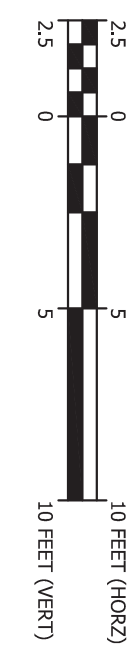
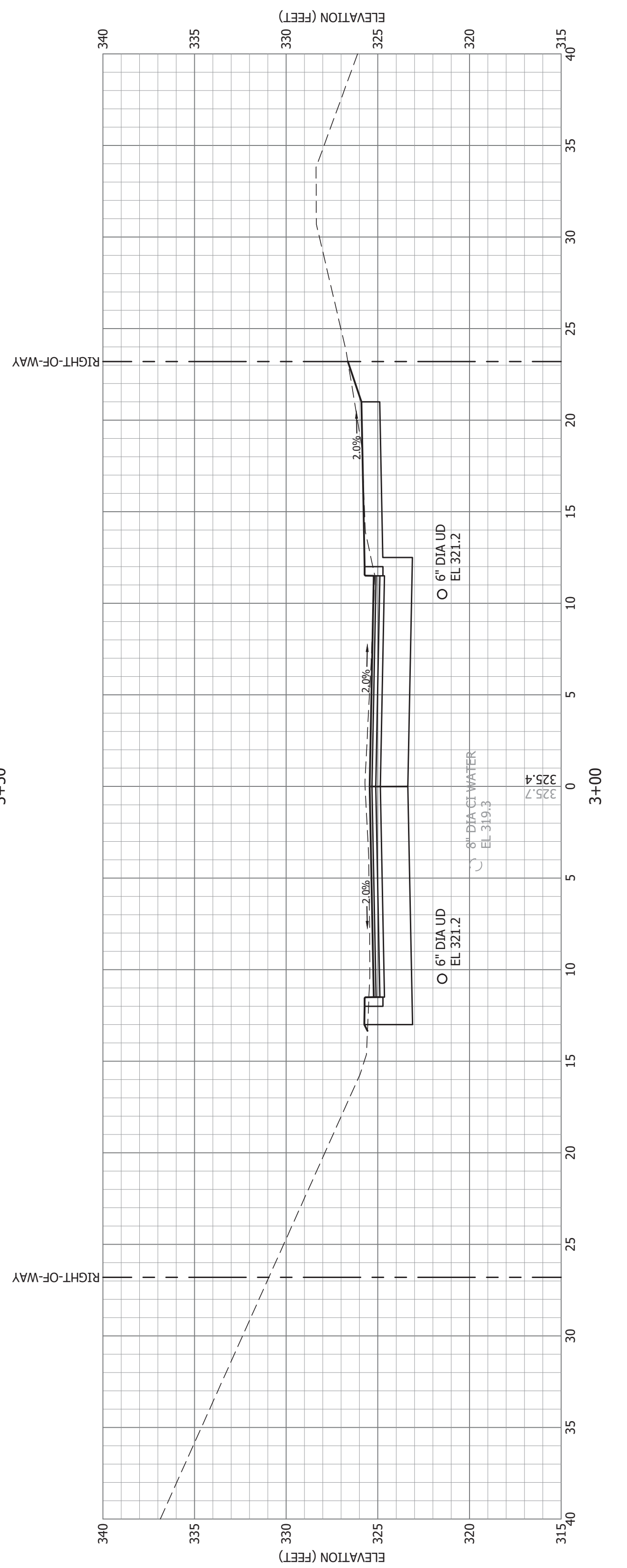
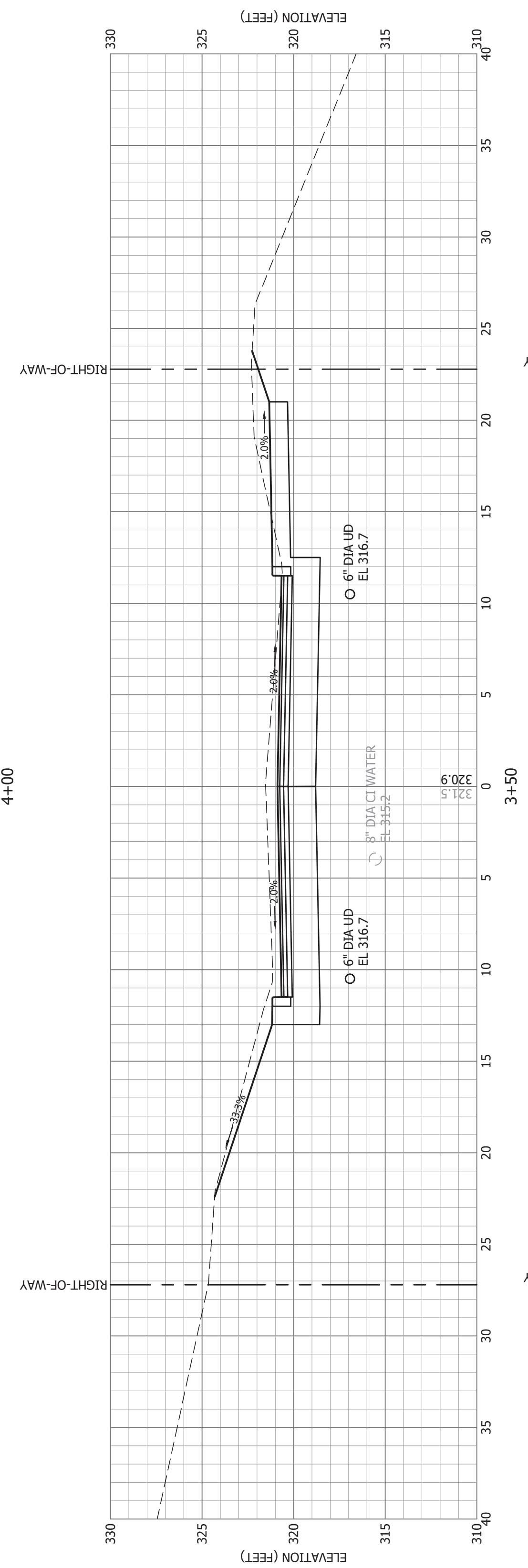
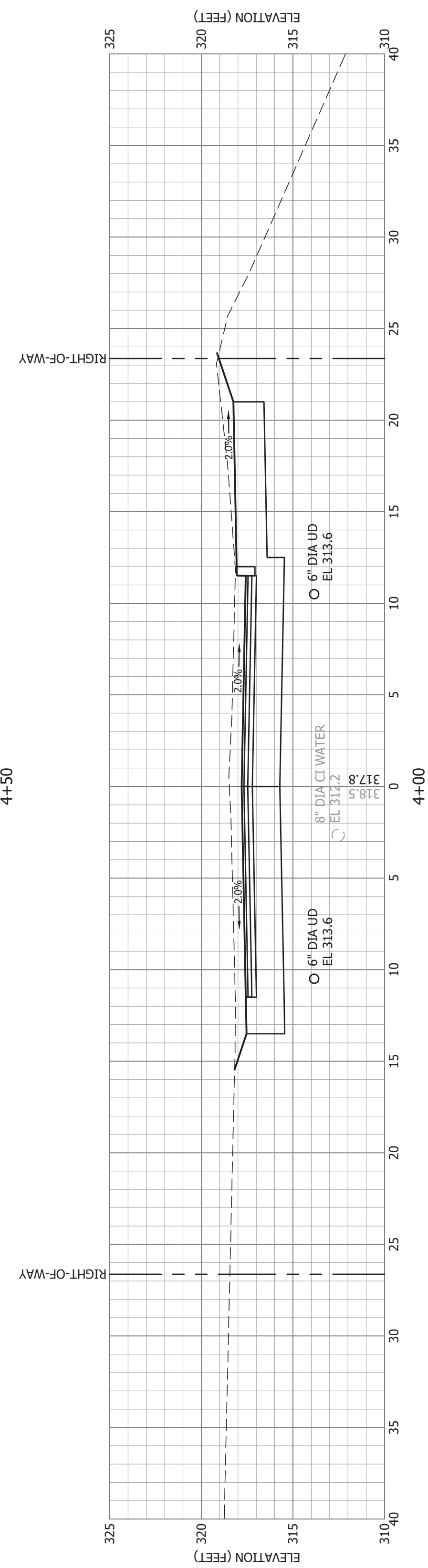
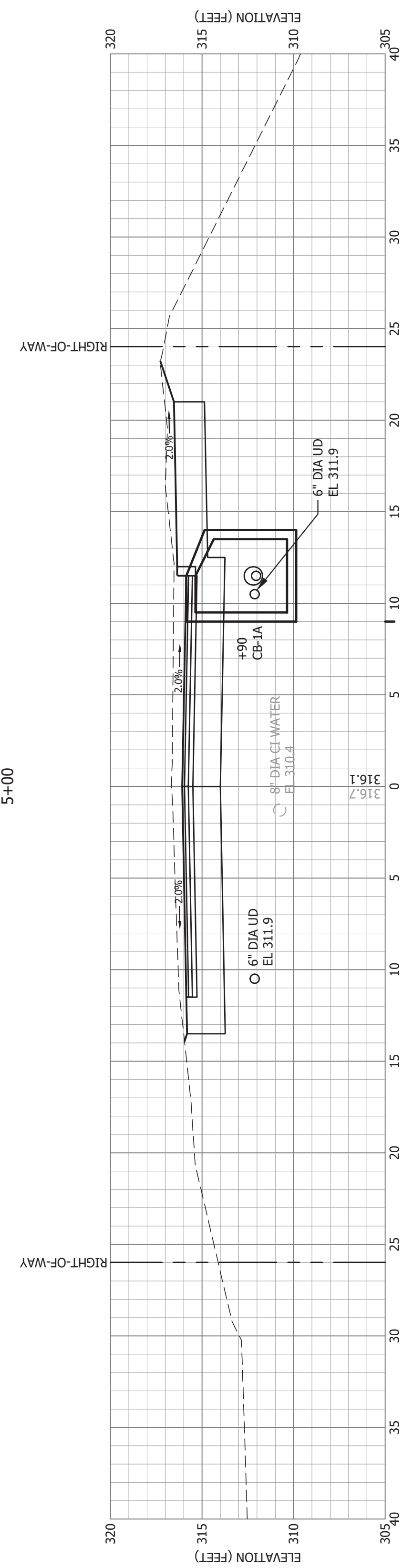
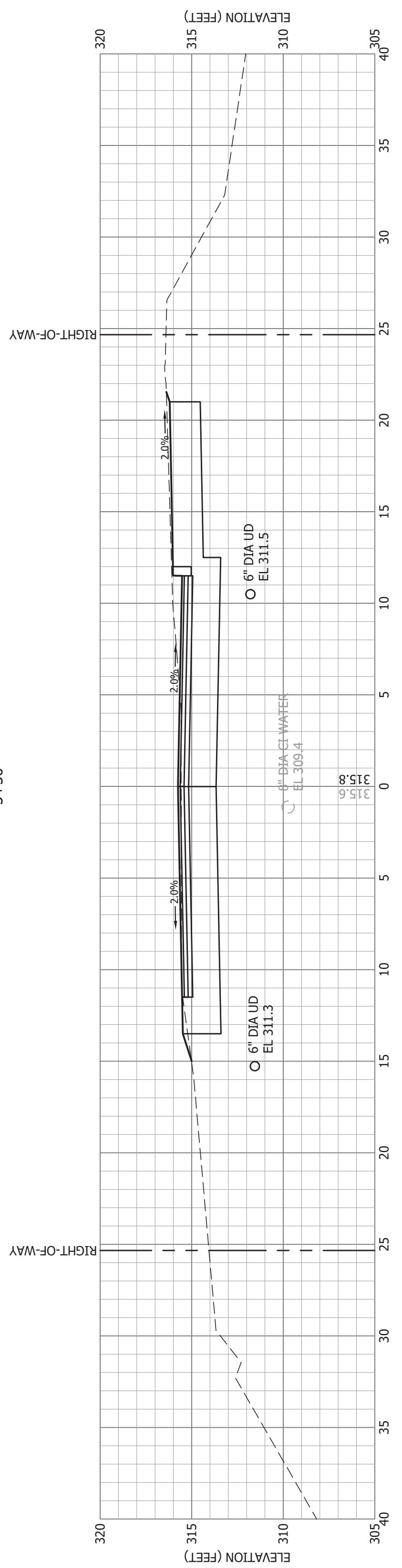
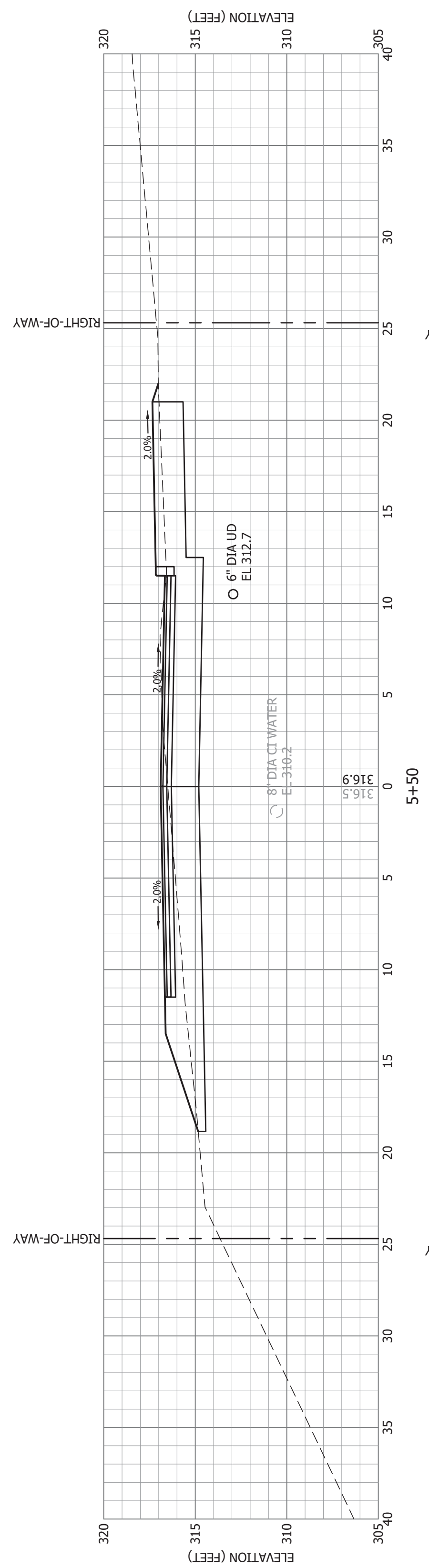


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STA 0+18 TO STA 2+50

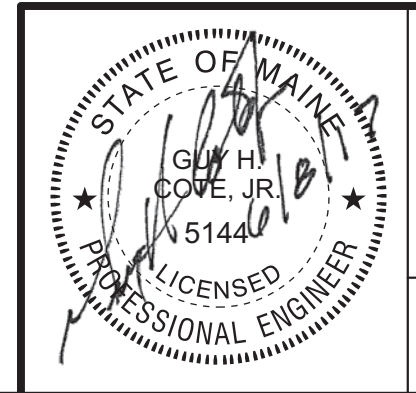

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LMN: NONE
CTB: SME-STD

JOB NO. 16256.00 DWG FILE BASE
C-212

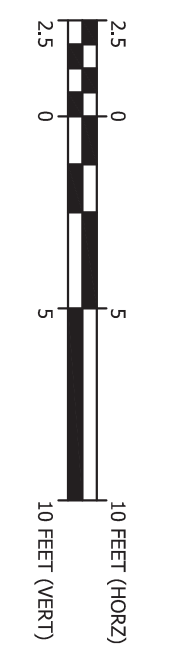
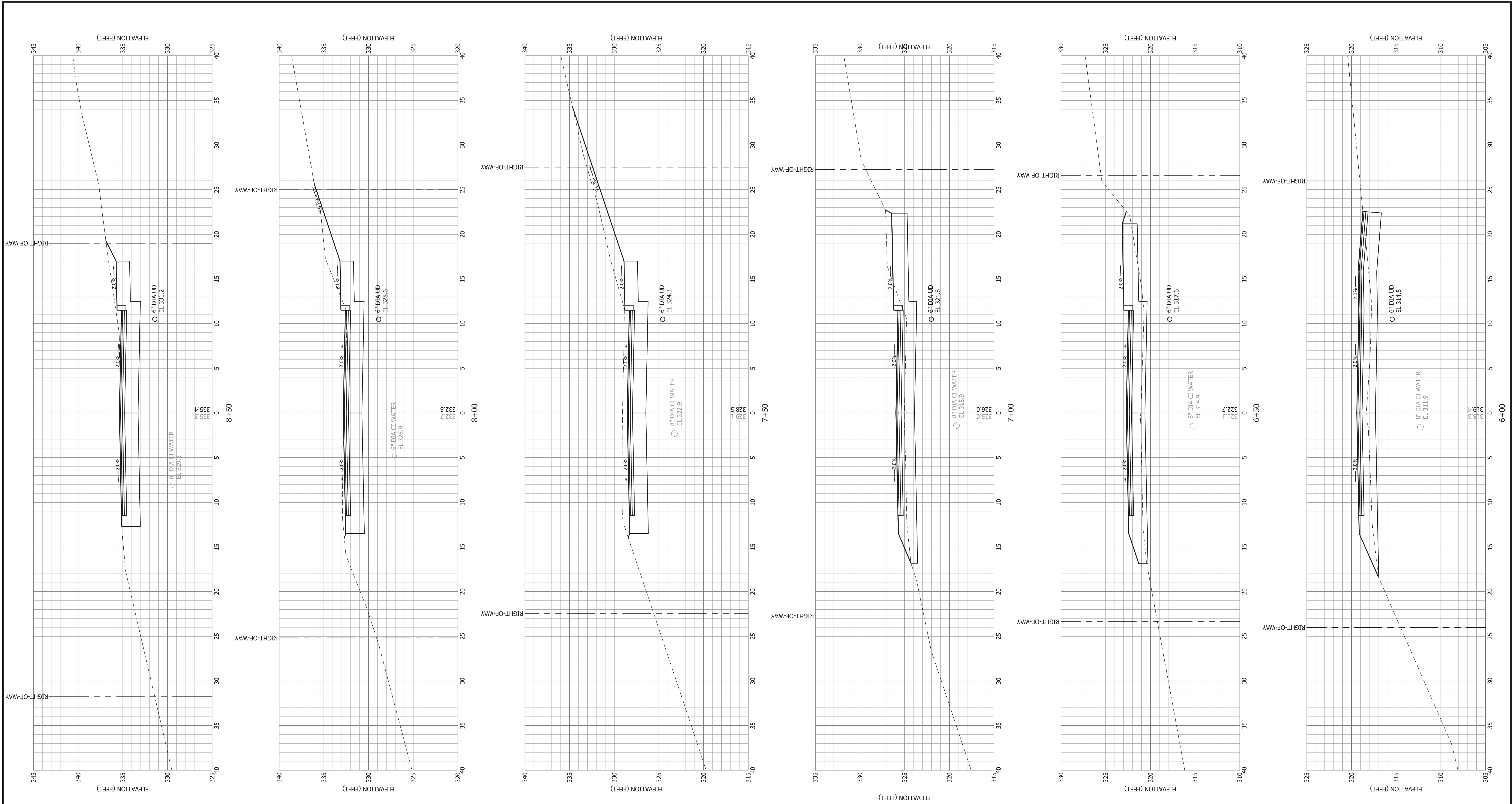


REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID

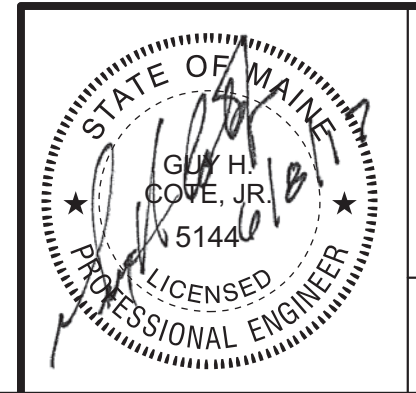


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STA 3+00 TO STA 5+50

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JOB NO. 16256.00 DWG FILE BASE	CTB: SME-STD
	C-213

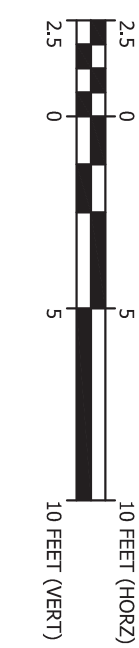
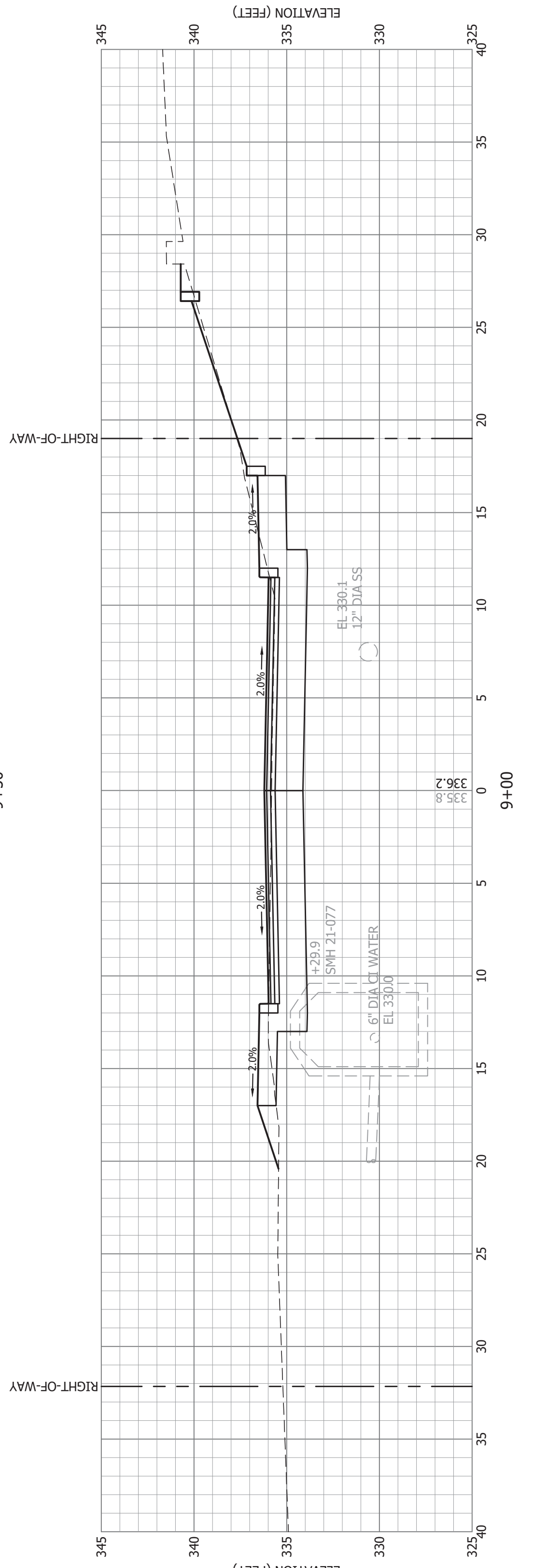
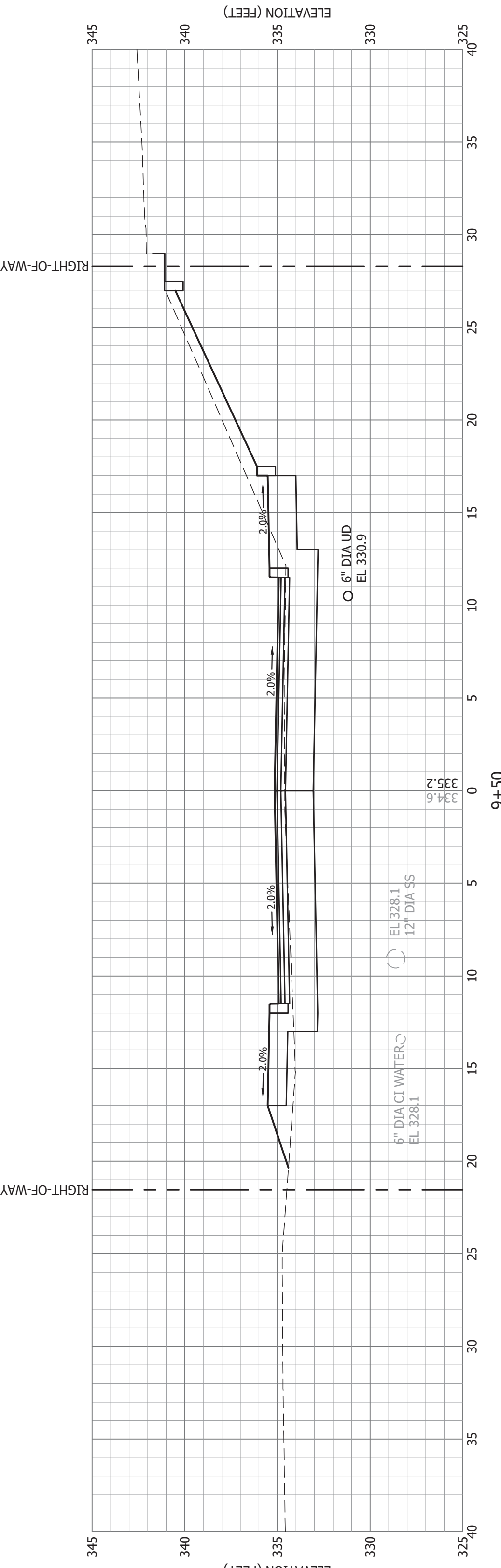
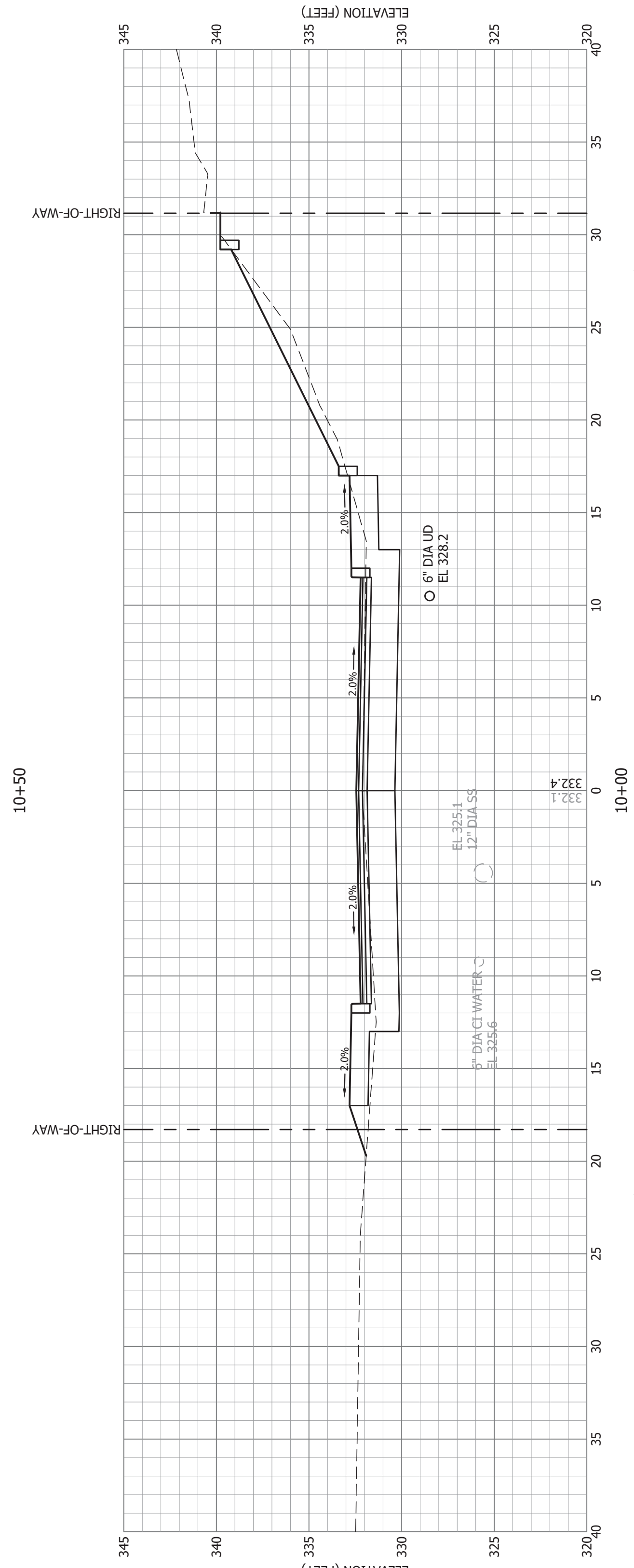
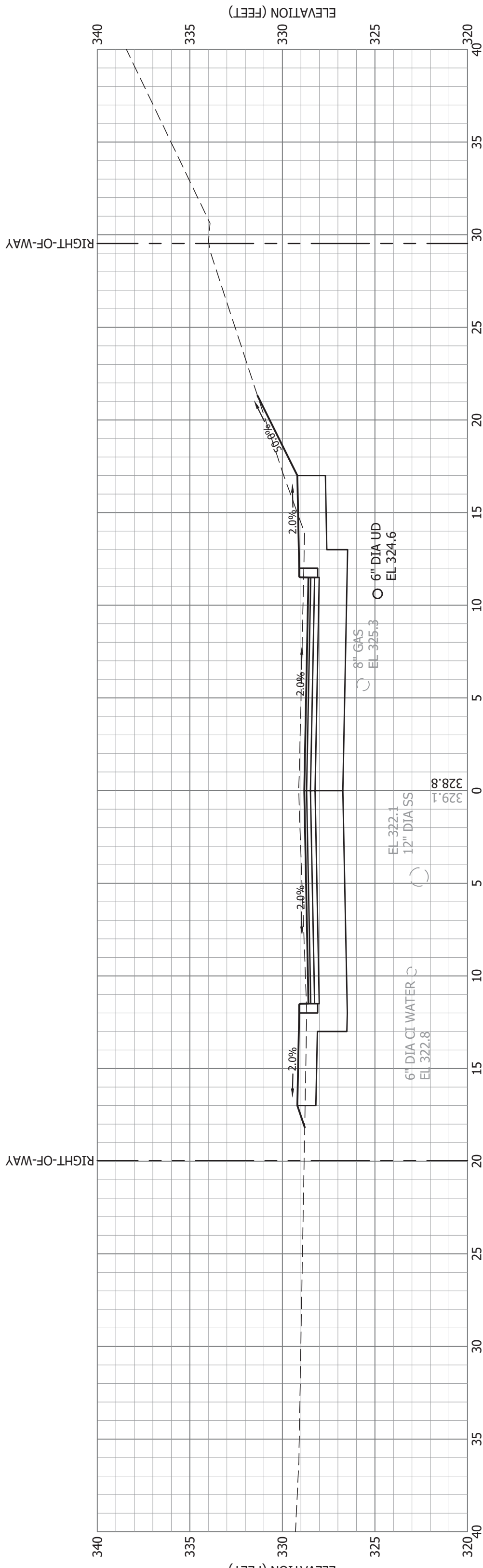
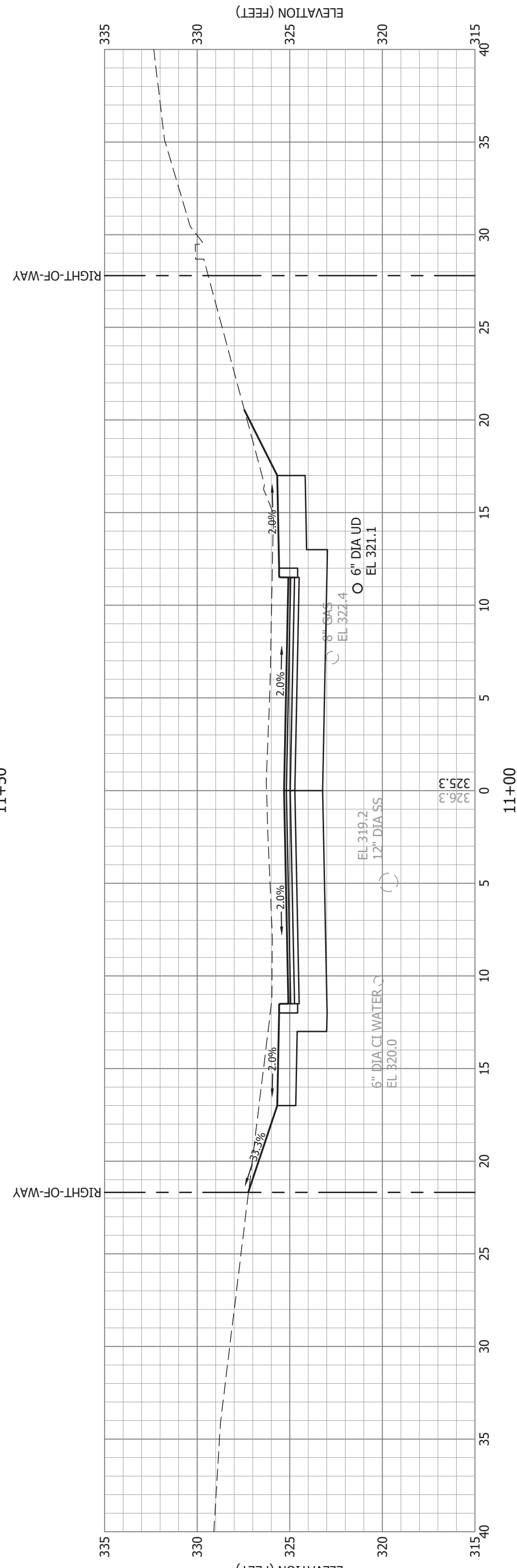
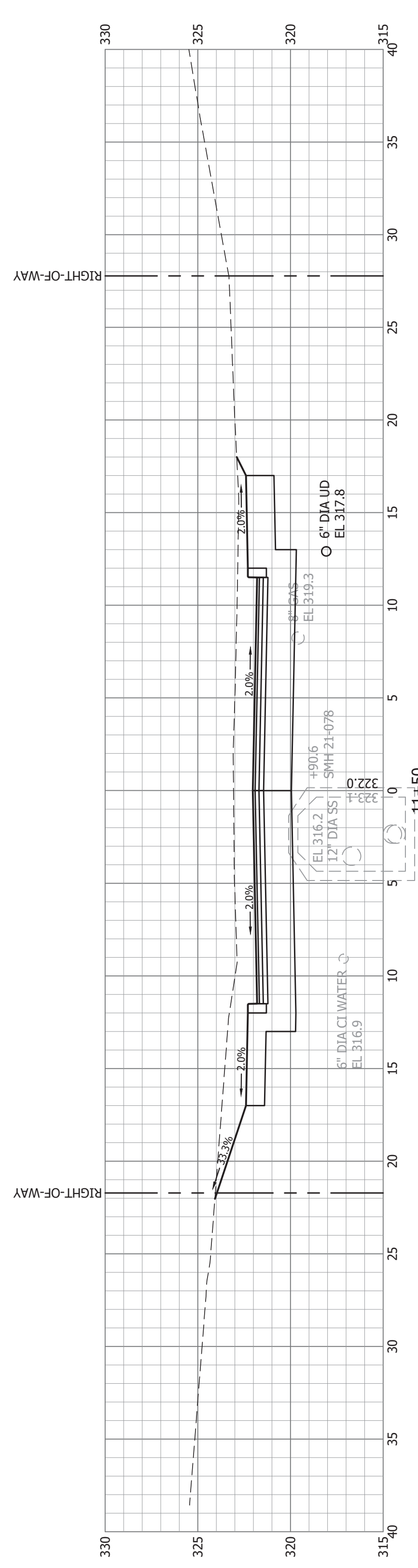


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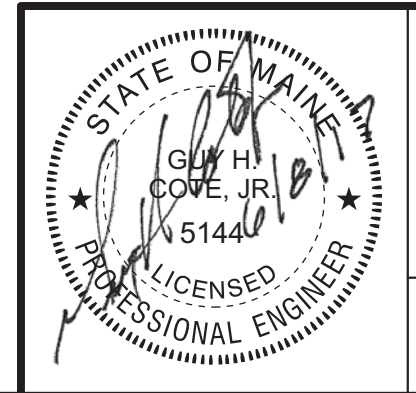


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AUBURN, MAINE
CROSS SECTIONS
STA 6+00 TO STA 8+50**

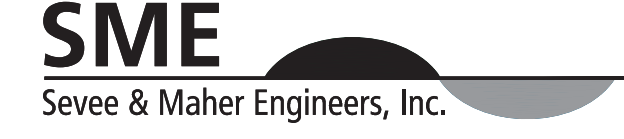
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	LMN: NONE
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	C-214



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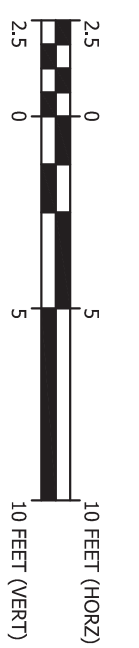
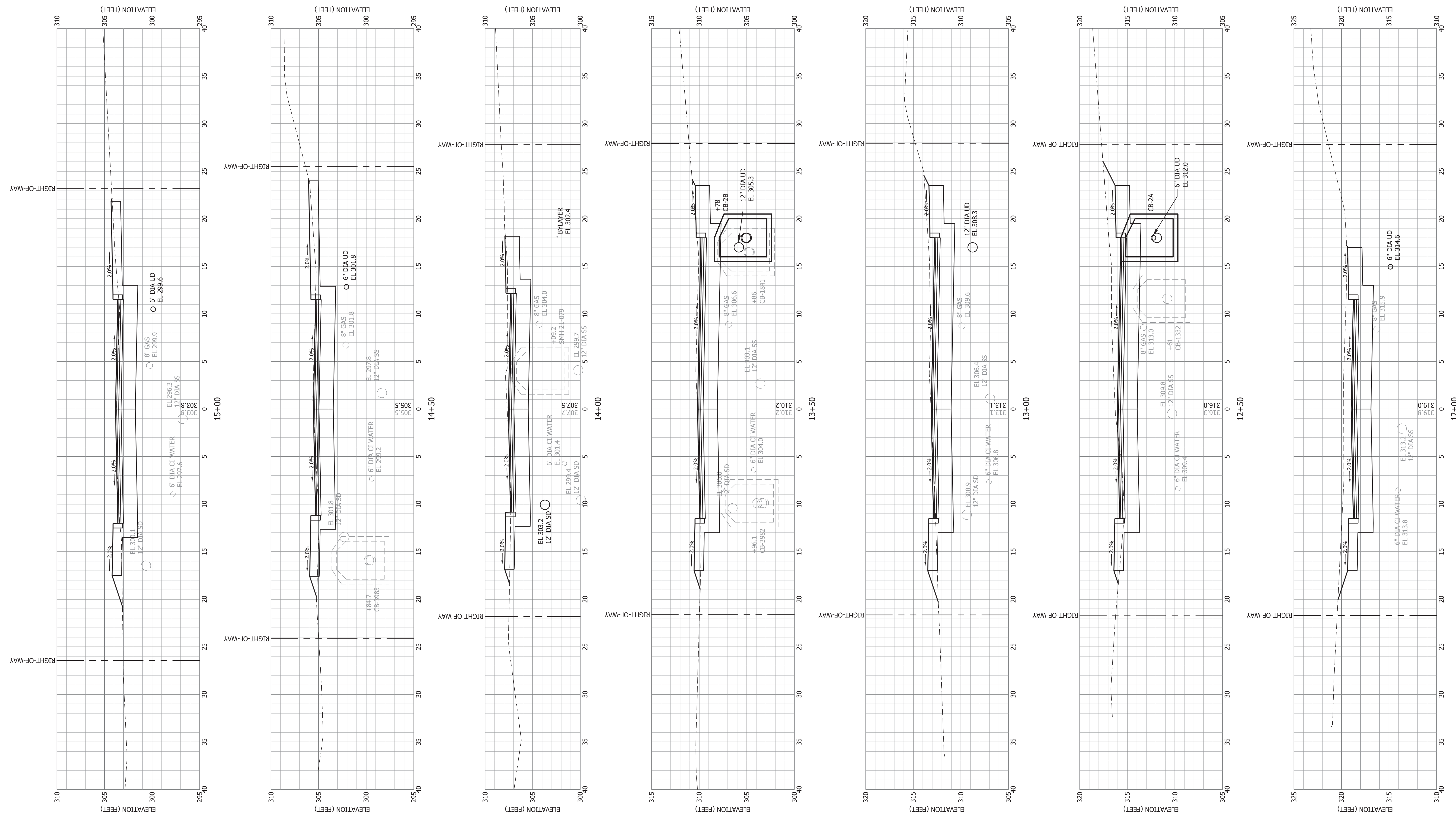


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STA 9+00 TO STA 11+50

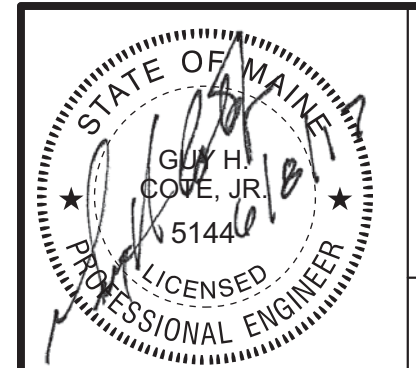

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JOB NO. 16256.00 DWG FILE BASE **C-215**



REV.	BY	DATE	STATUS
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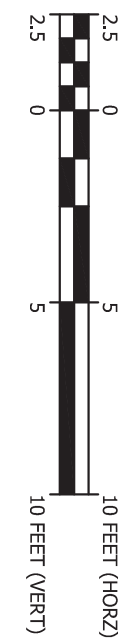
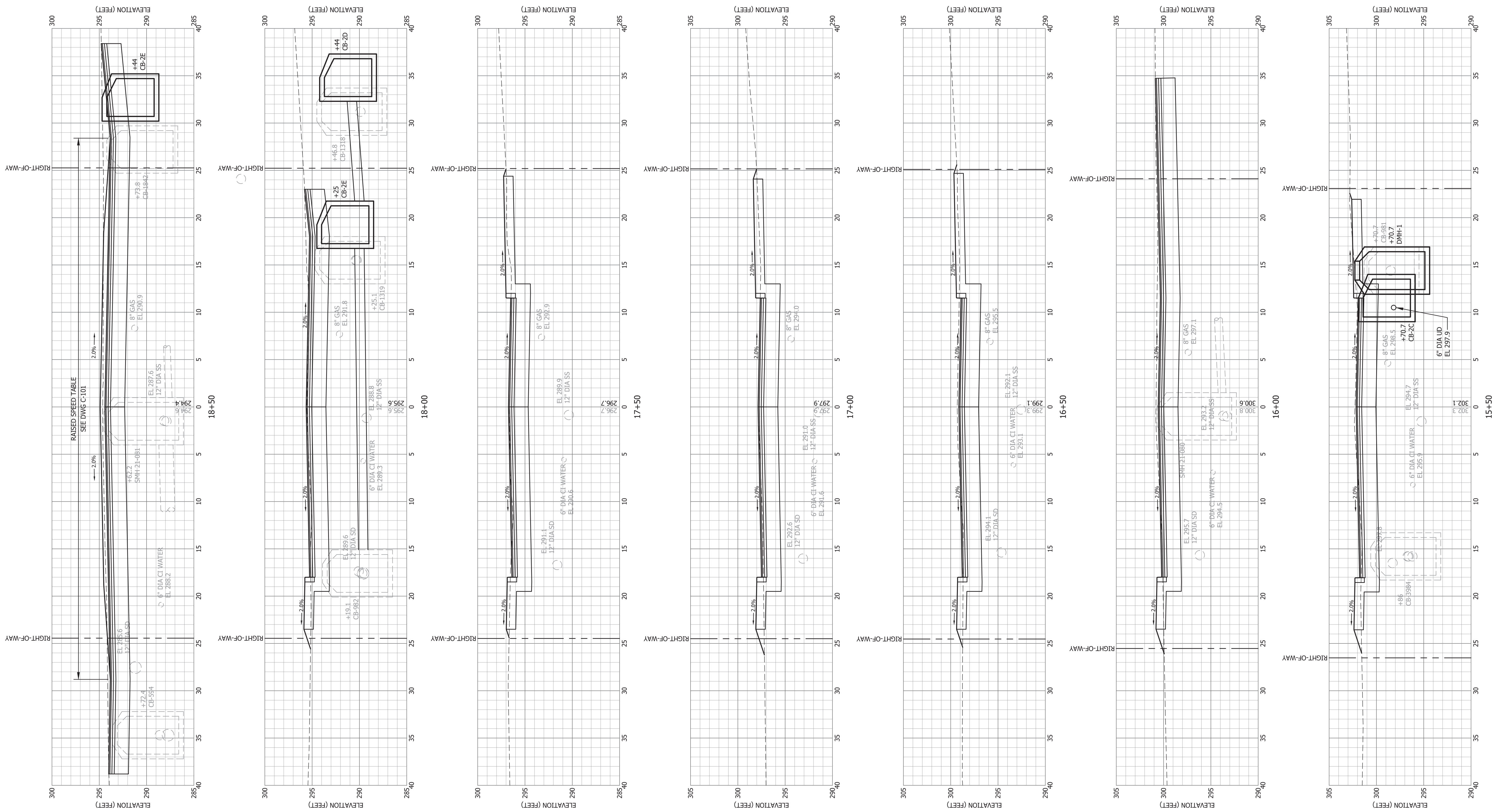
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STA 12+00 TO STA 15+00

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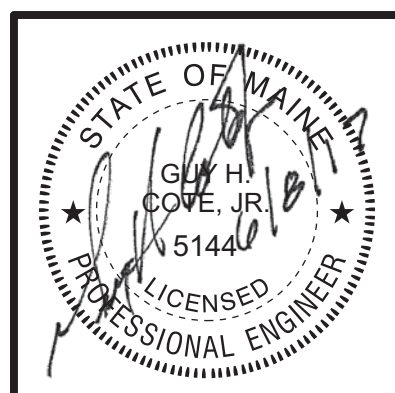
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 LMN: NONE
 CTB: SME-STD

JOB NO. 16256.00 DWG FILE BASE **C-216**



REV.	BY	DATE	STATUS
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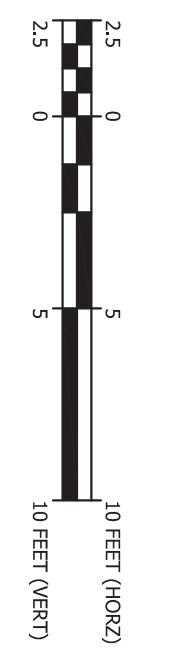
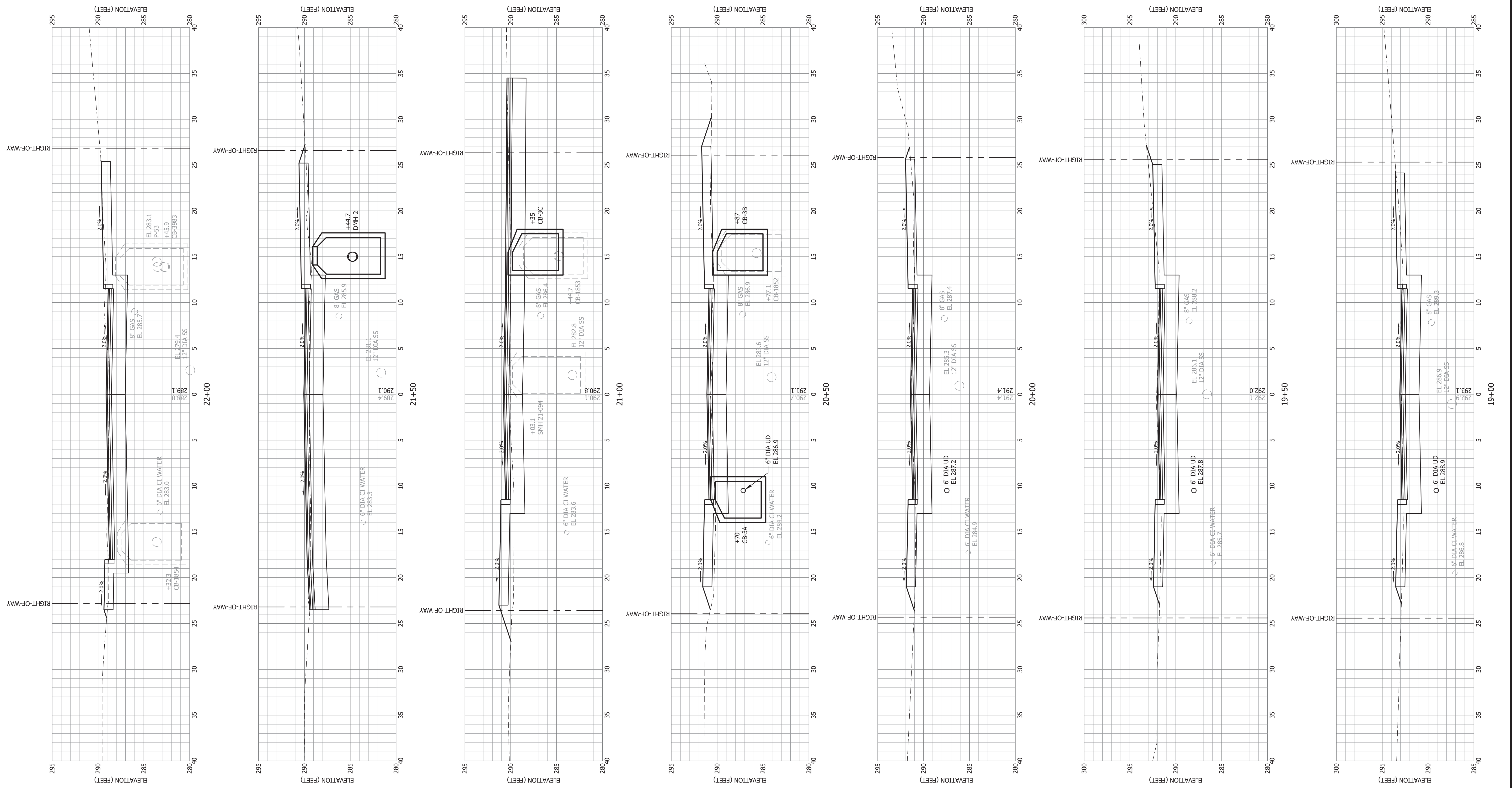


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CROSS SECTIONS
STA 15+50 TO STA 18+50

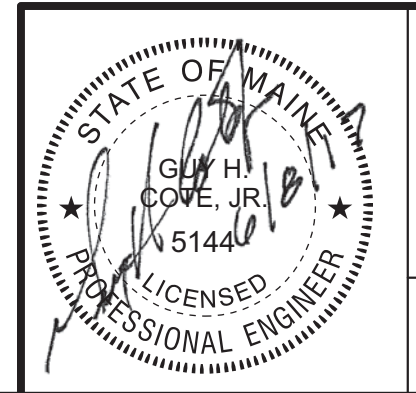
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 CHECKED BY: GHC
 LMN: NONE
 CTB: SME-STD

JOB NO. 16256.00 DWG FILE BASE **C-217**



REV.	BY	DATE	STATUS
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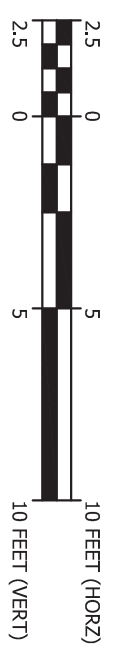
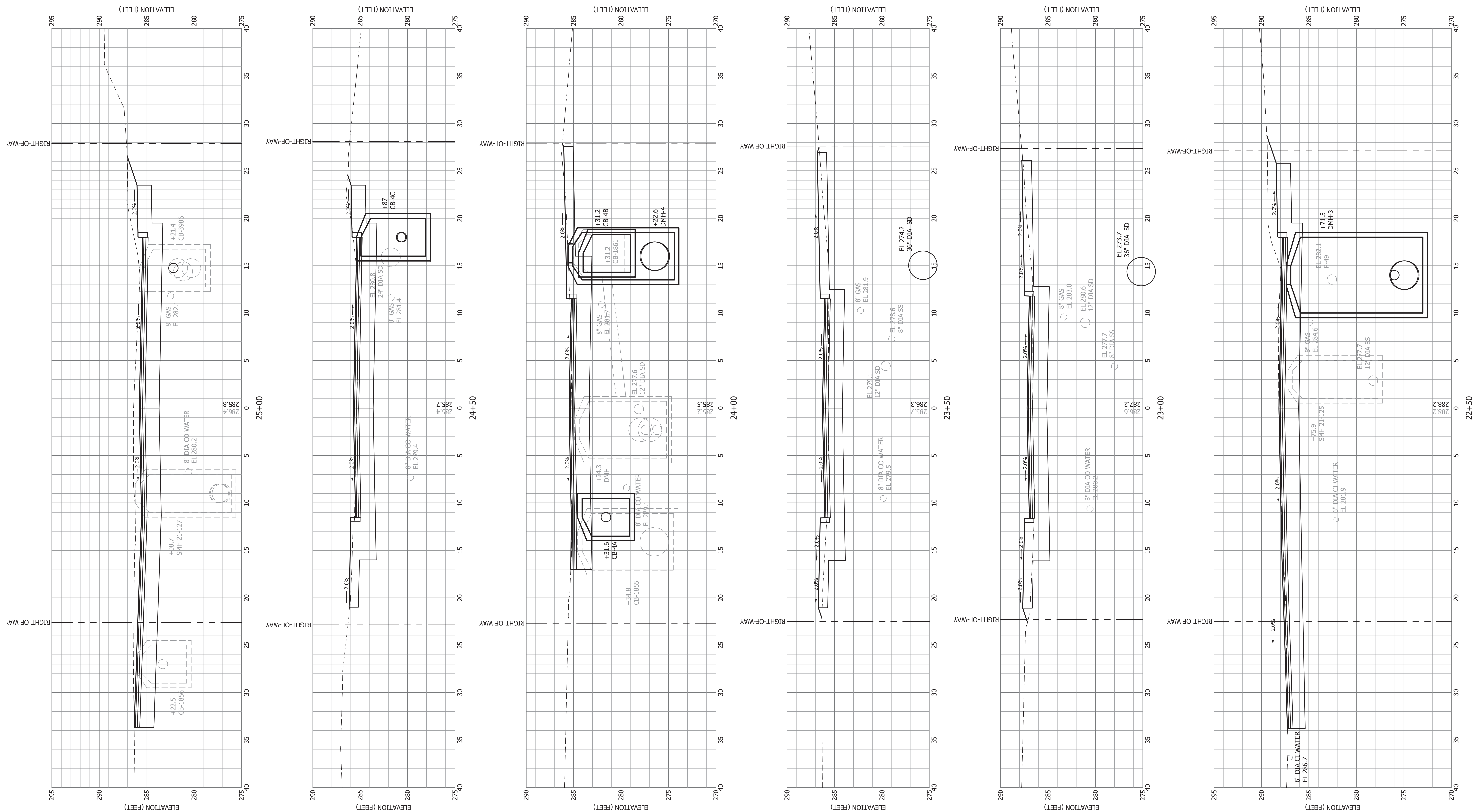


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LAKE STREET IMPROVEMENTS
LAKE STREET
AUBURN, MAINE
CROSS SECTIONS
STA 19+00 TO STA 22+00**

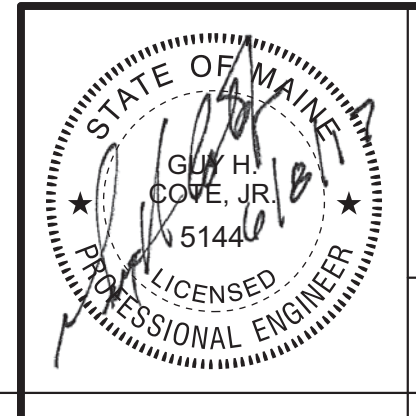


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DATE:	6/2017
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LMN:	NONE
CTB:	SME-STD

JOB NO. 16256.00 DWG FILE BASE **C-218**



REV.	BY	DATE	STATUS
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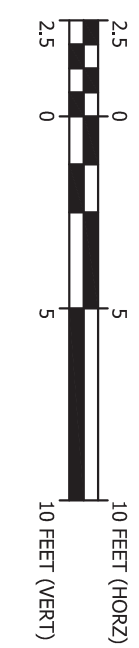
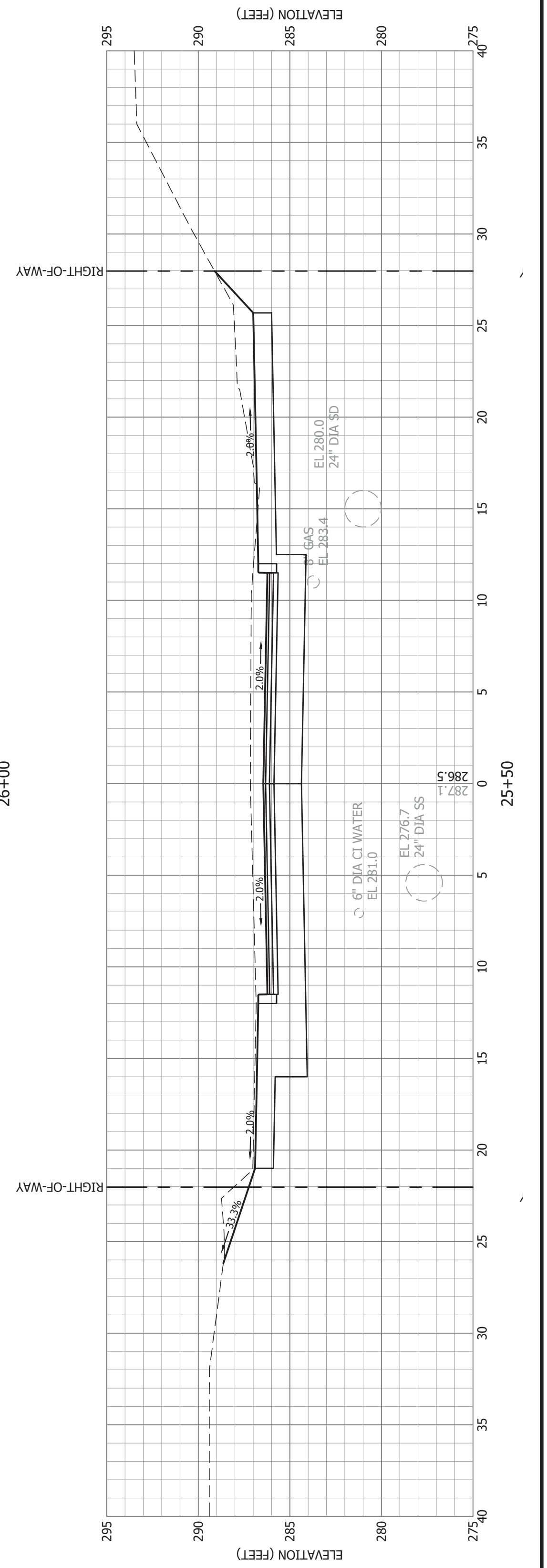
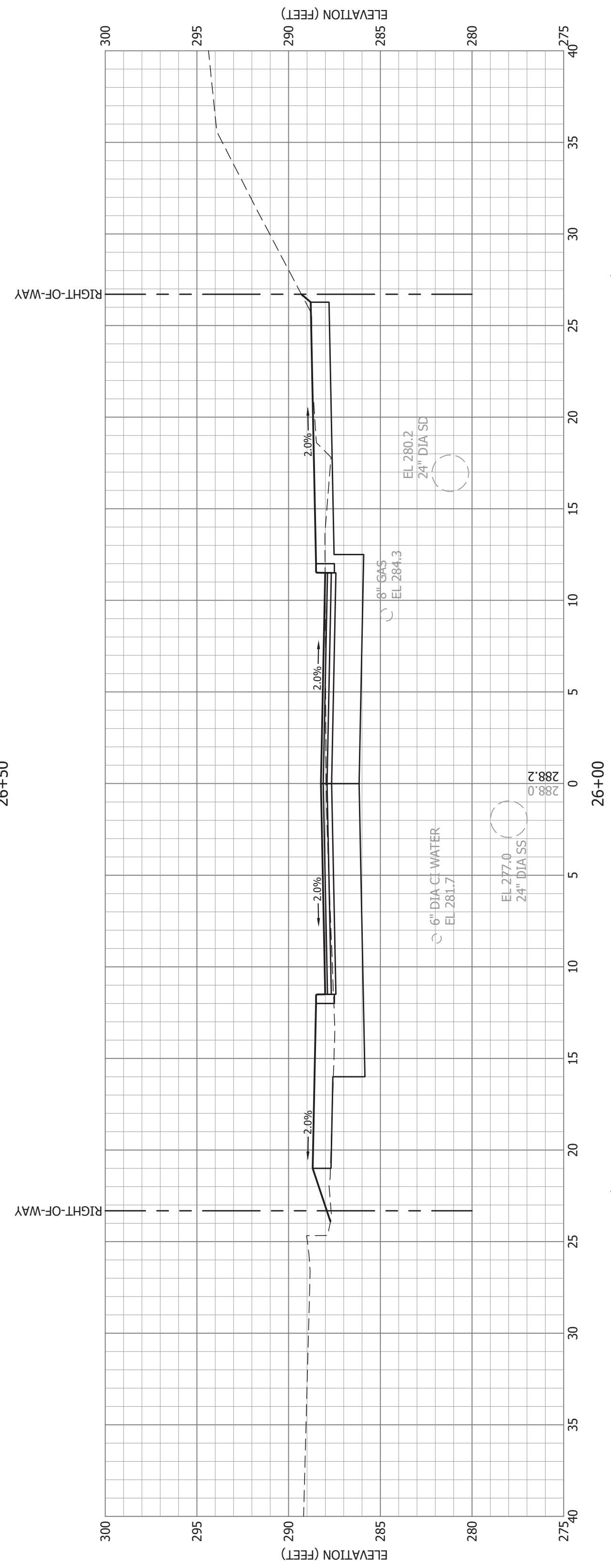
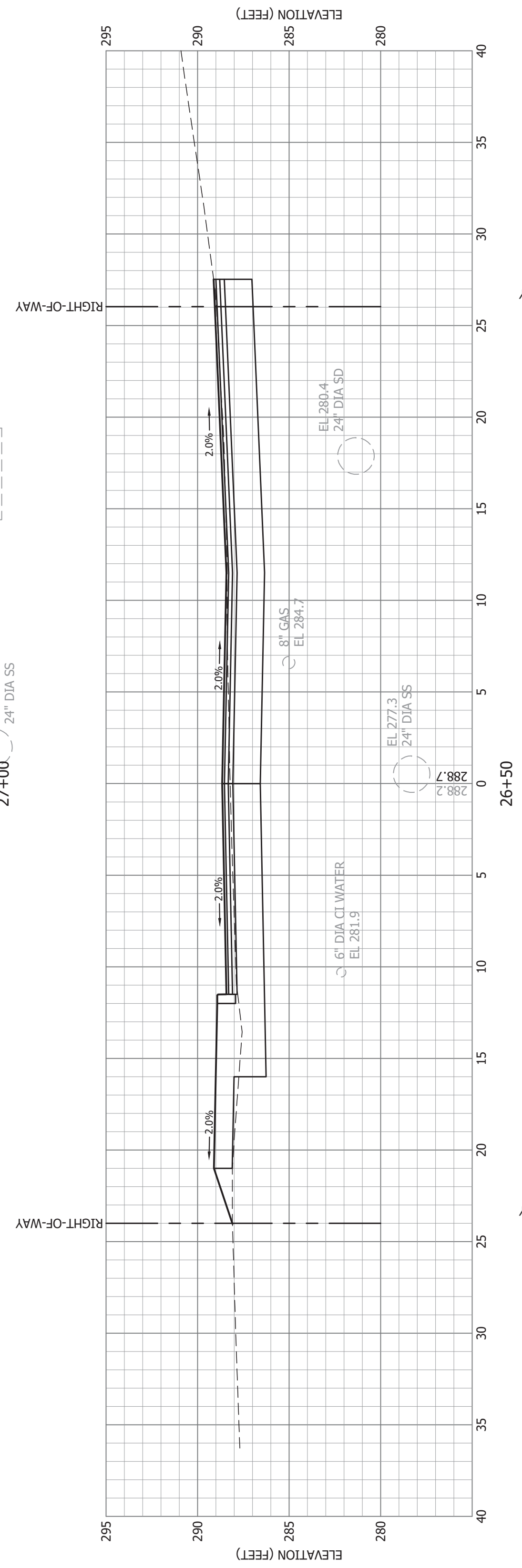
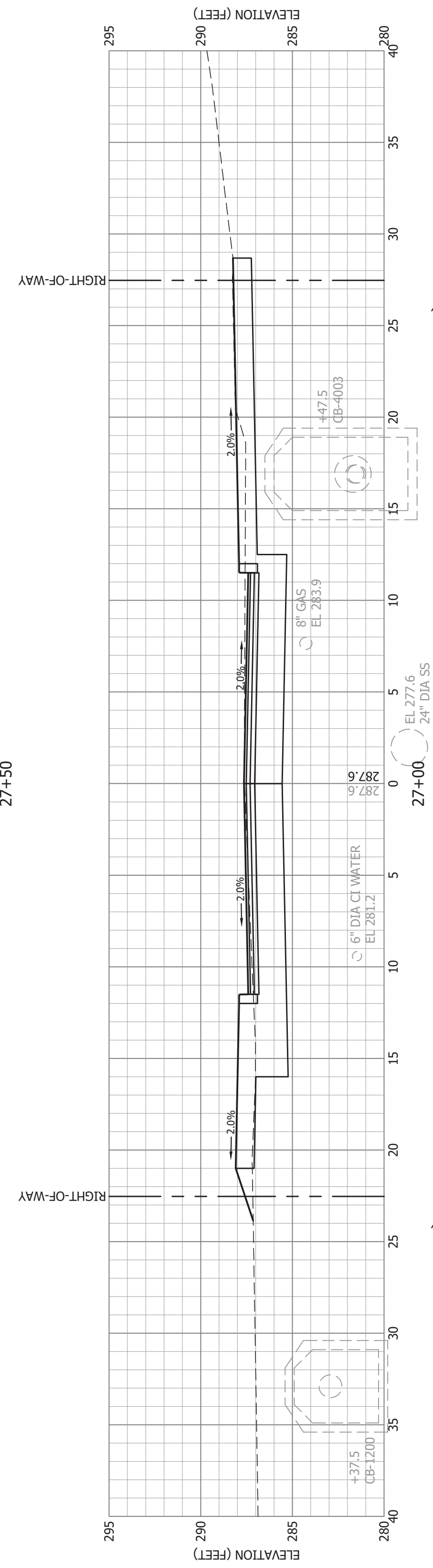
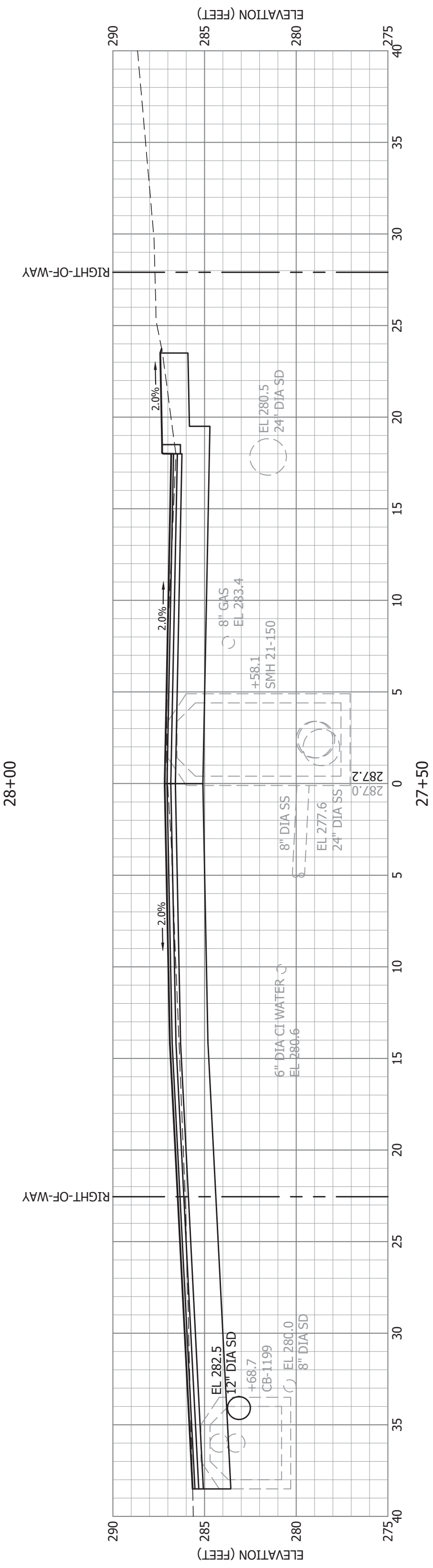
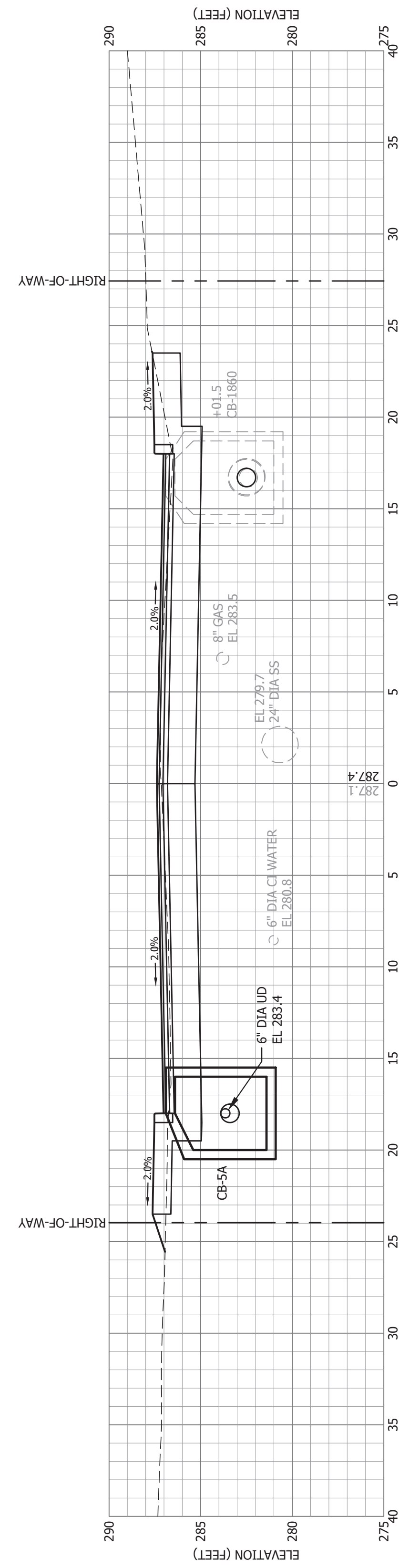


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STA 22+50 TO STA 25+00

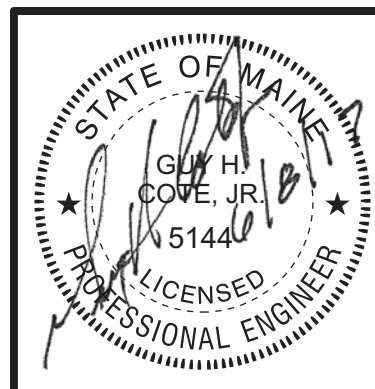
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DESIGN BY: JCM
DRAWN BY: SJM
DATE: 6/2017
CHECKED BY: GHC
LMN: NONE
CTB: SME-STD

JOB NO. 16256.00 DWG FILE BASE **C-219**



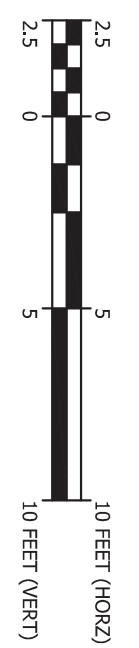
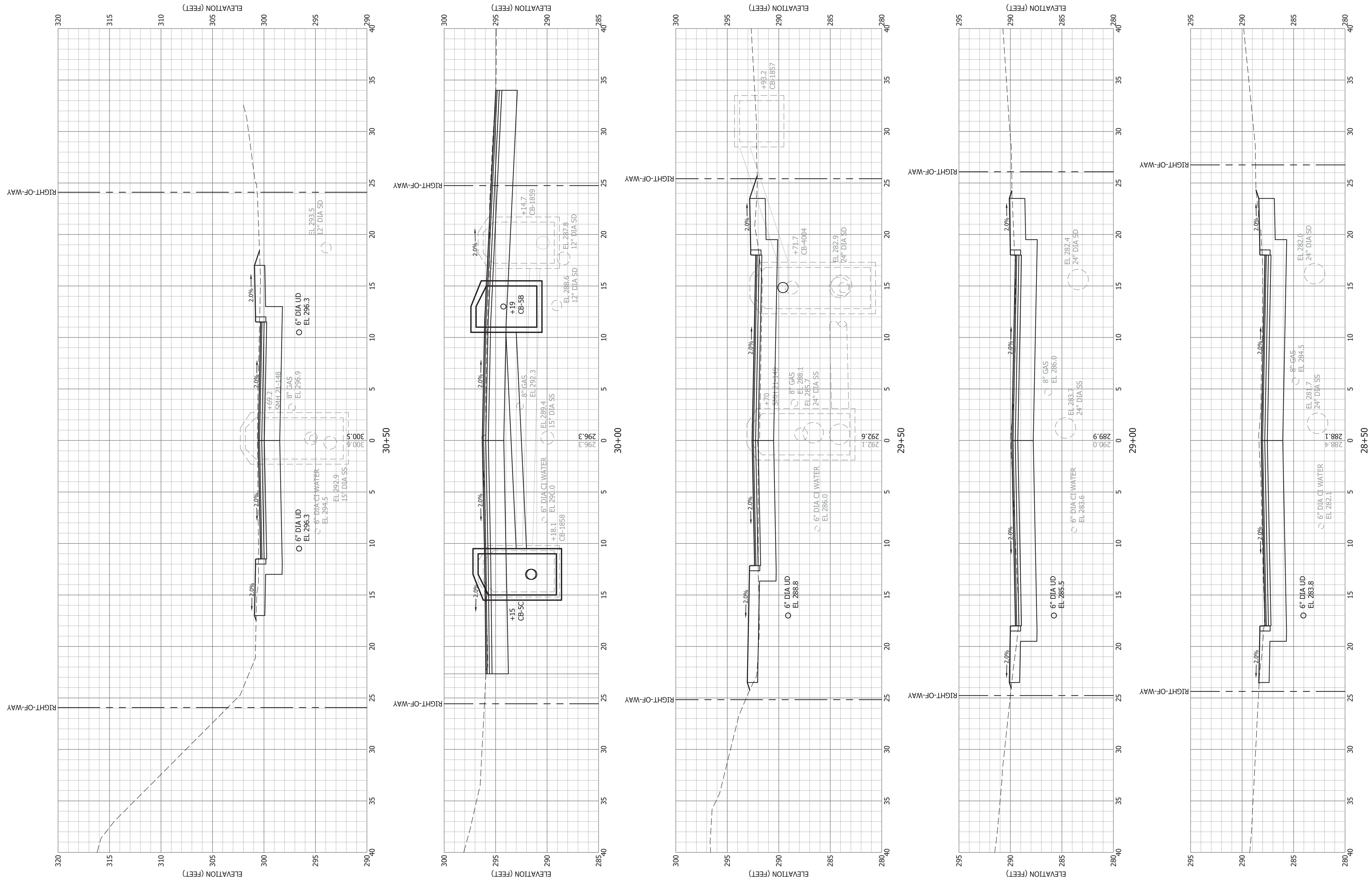
REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID



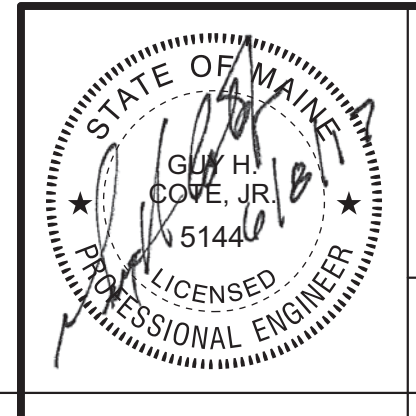
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LAKE STREET
AUBURN, MAINE
CROSS SECTIONS
STA 25+50 TO STA 28+00

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DRAWN BY:	SJM
DATE:	6/2017
CHECKED BY:	GHC
LMN:	NONE
CTB:	SME-STD

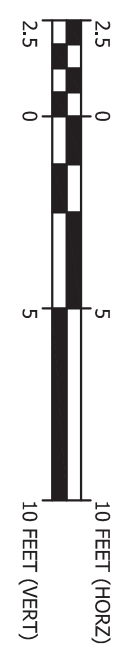
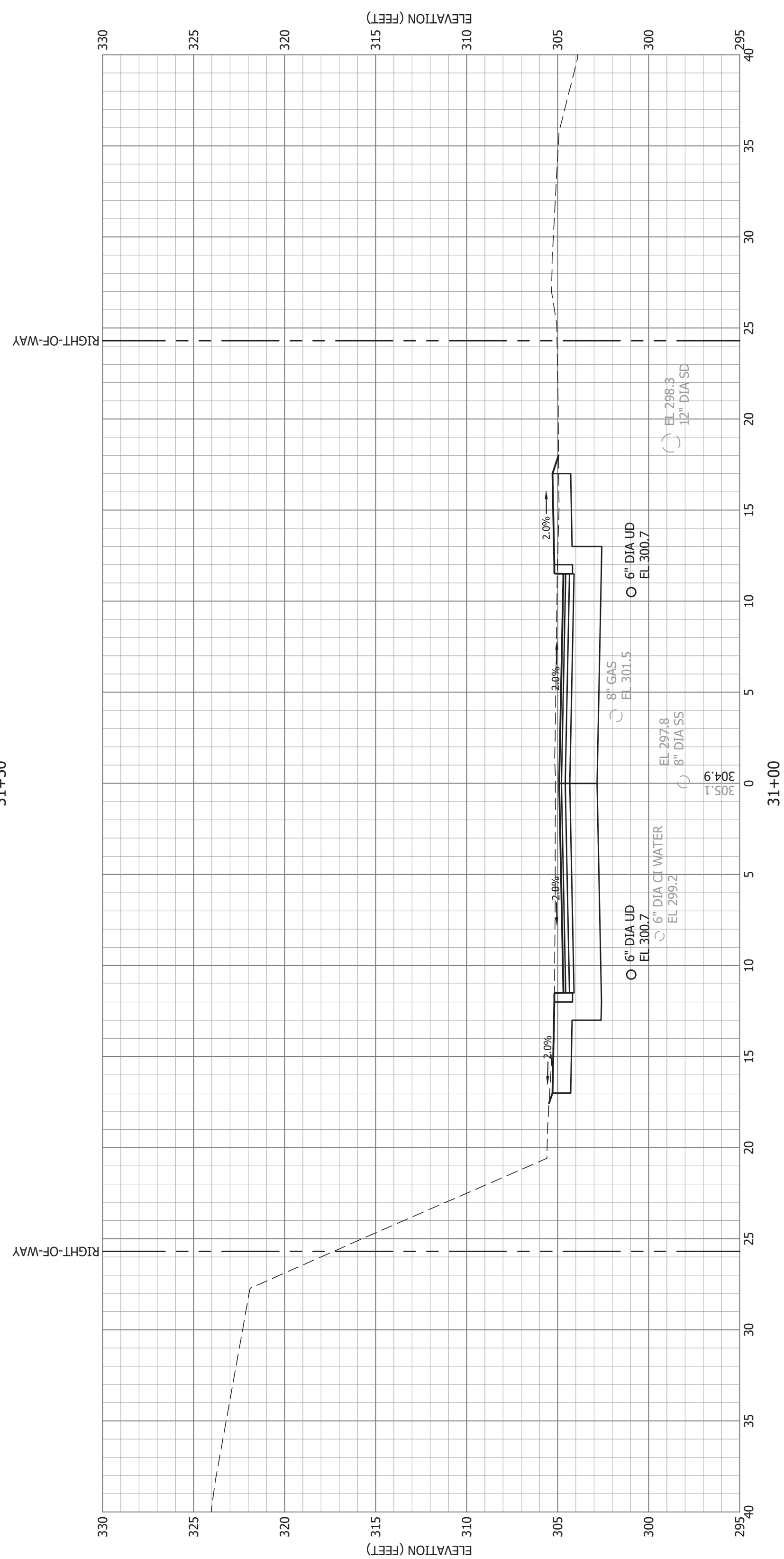
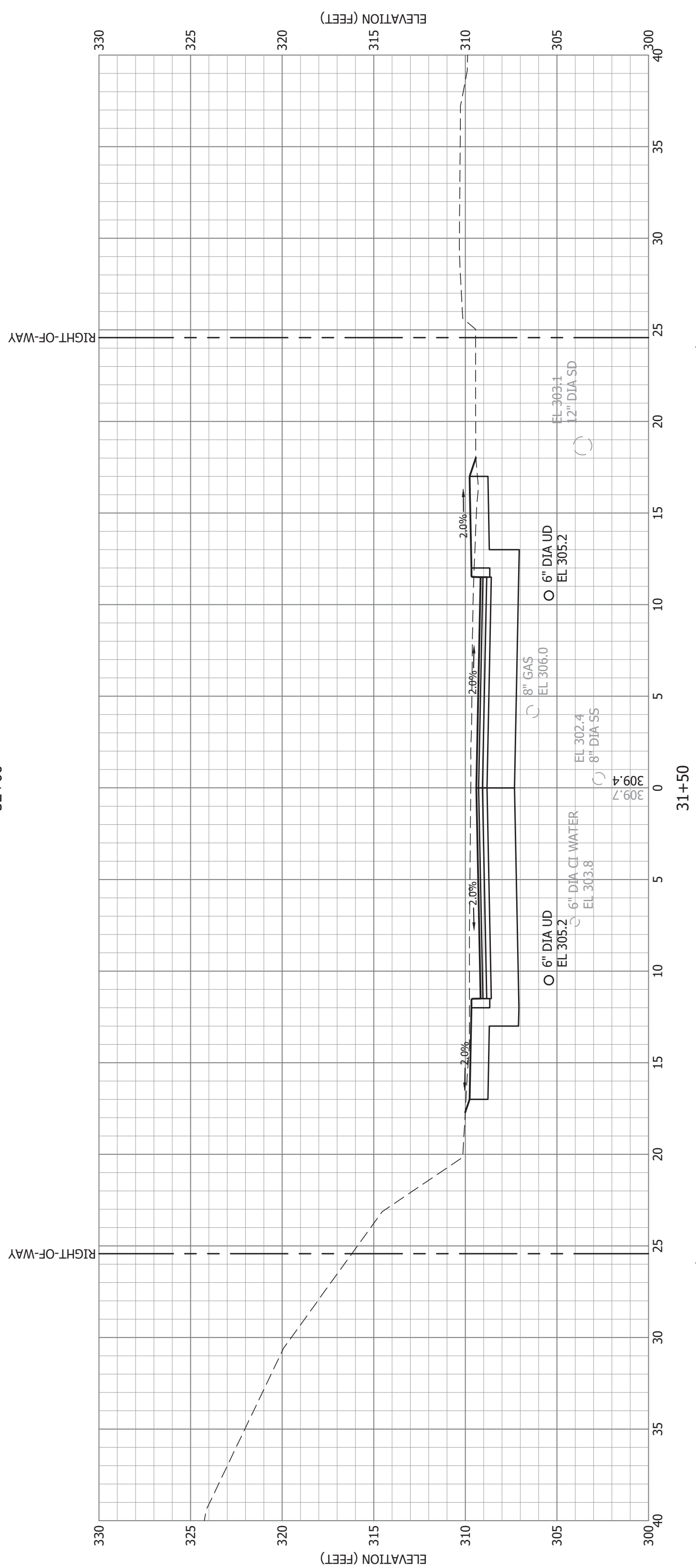
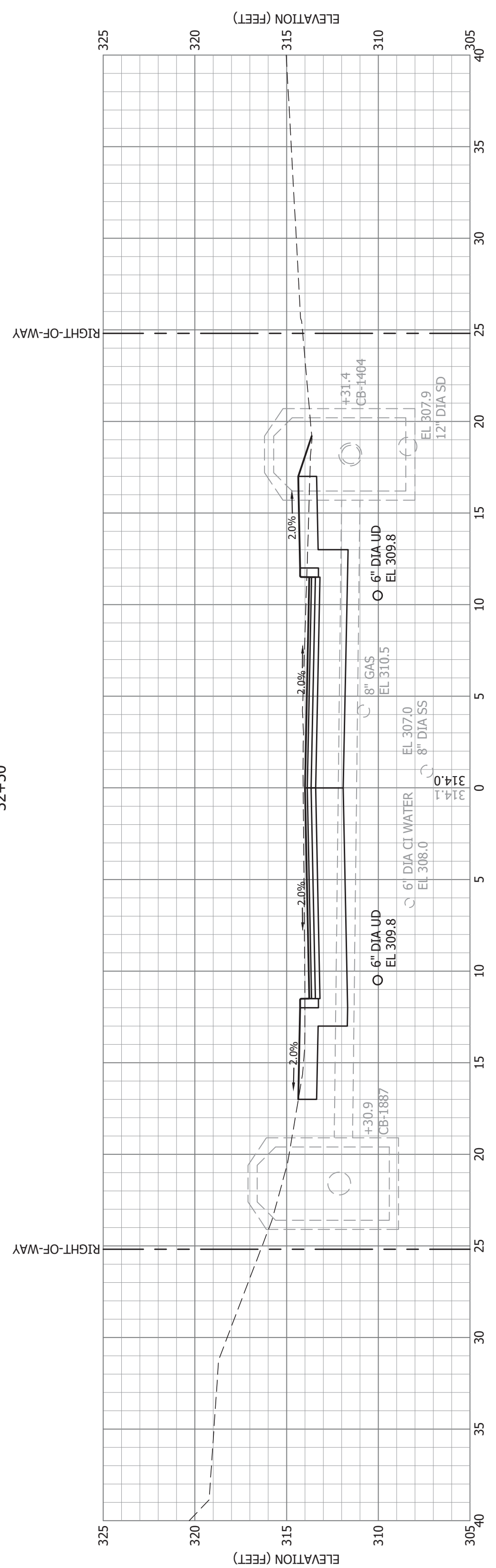
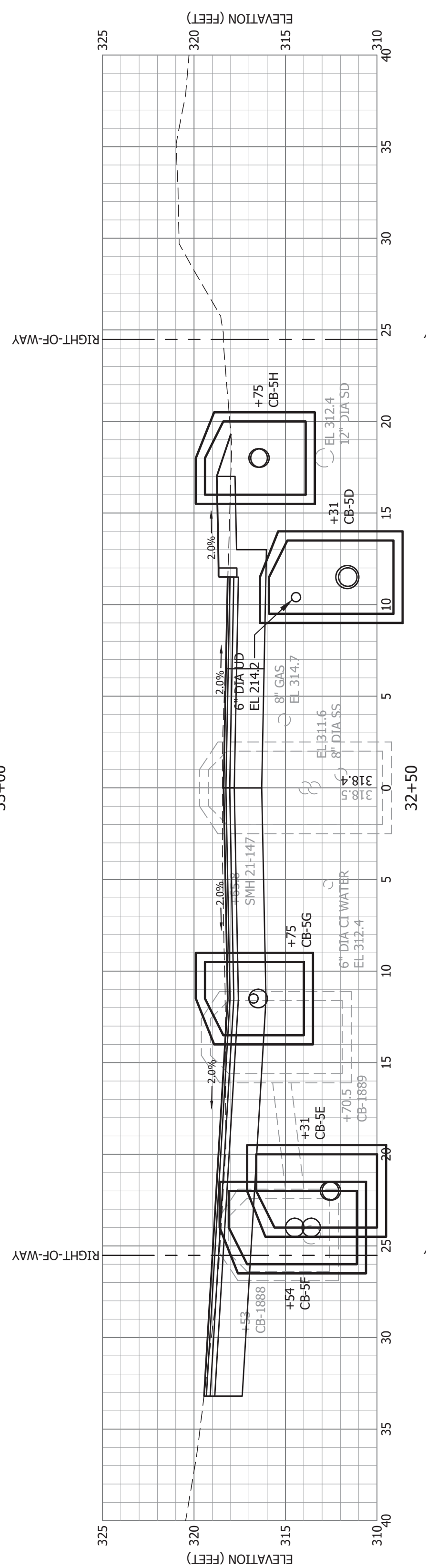
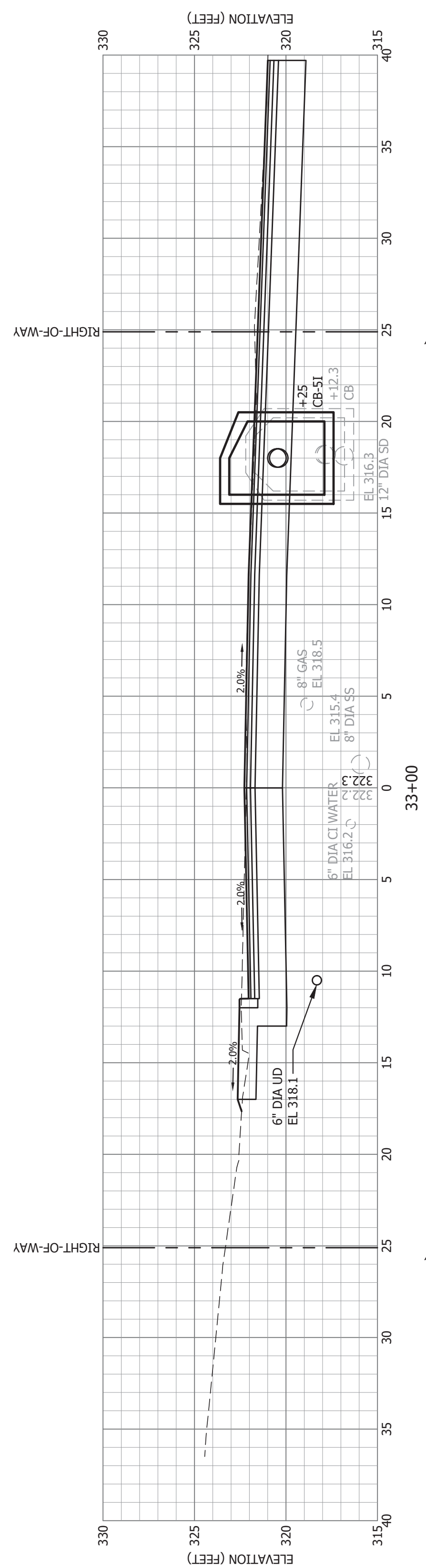


REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID

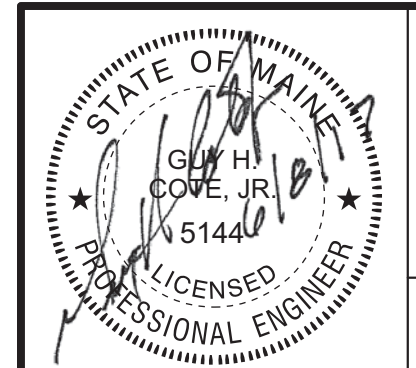


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AUBURN, MAINE
CROSS SECTIONS
STA 28+50 TO STA 30+50

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	DRAWN BY: SJM
	DATE: 6/2017
	CHECKED BY: GHC
	LMN: NONE
CTB: SME-STD	
JOB NO. 16256.00 DWG FILE BASE	C-221



REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID

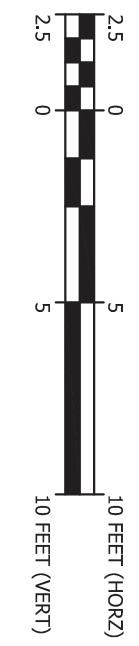
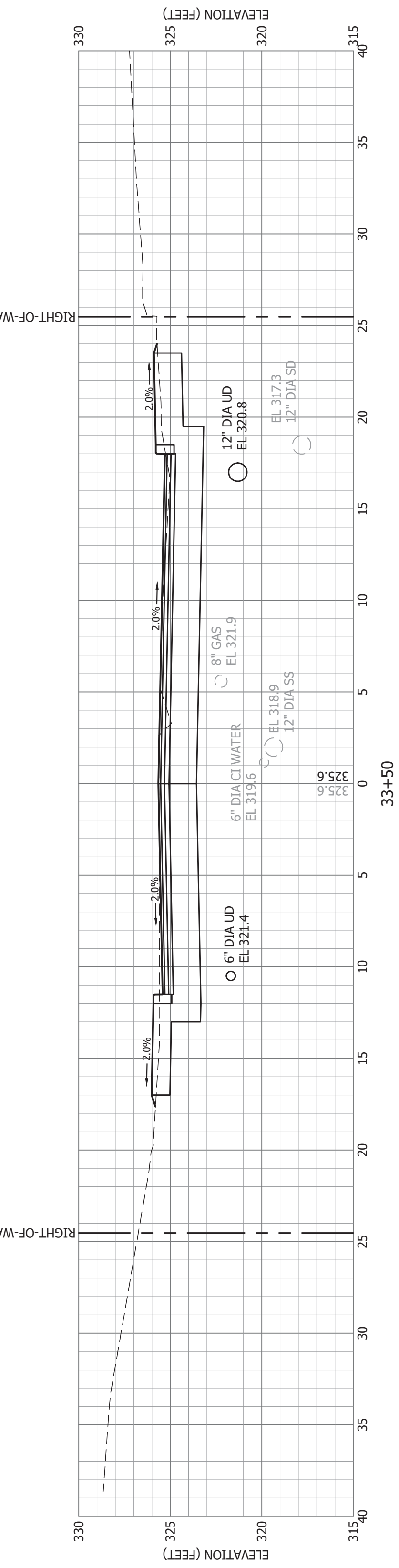
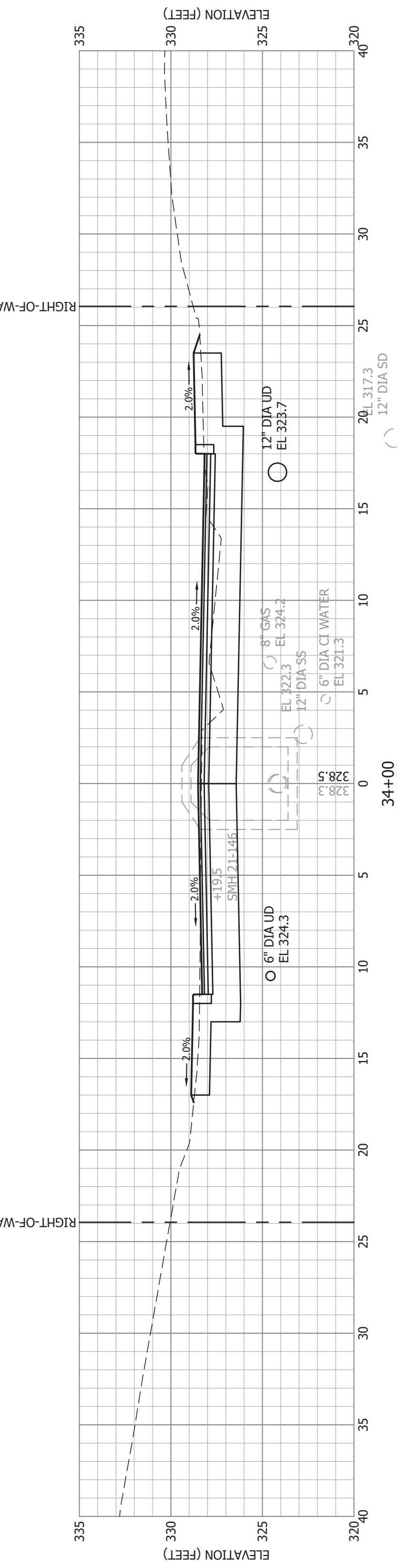
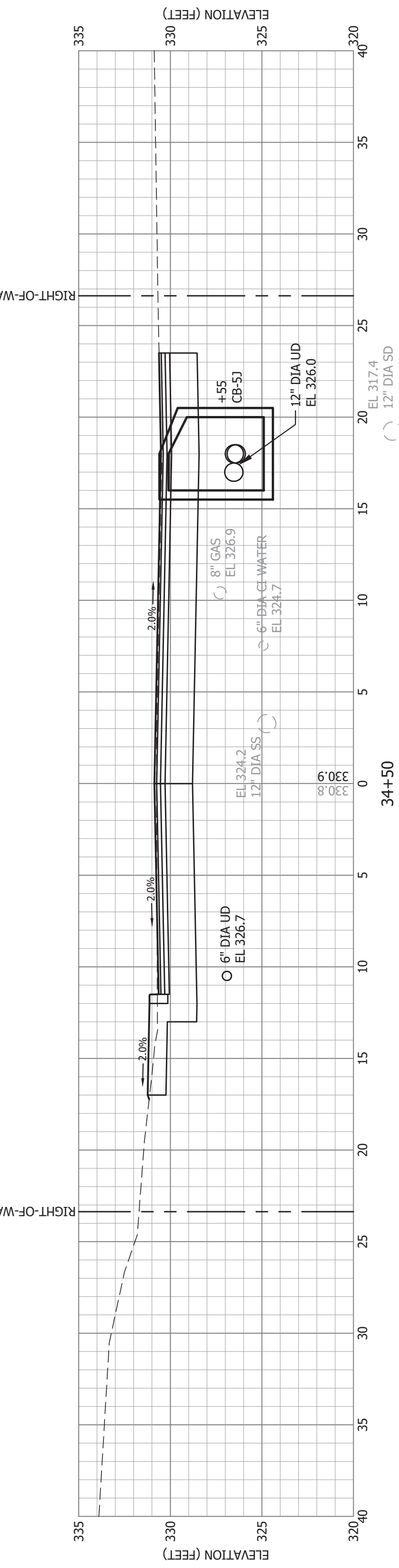
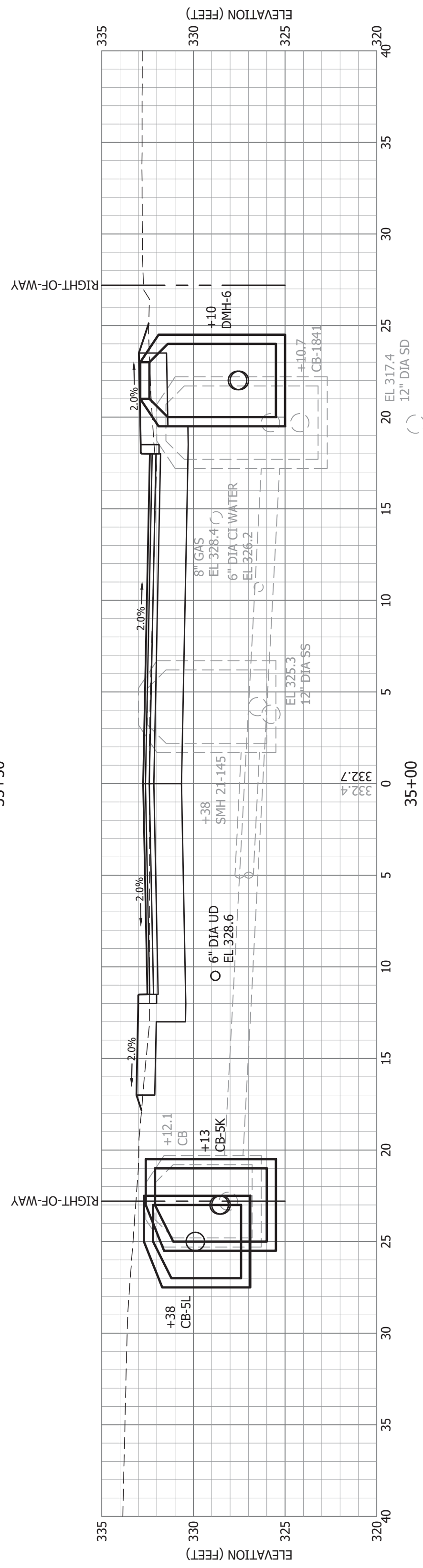
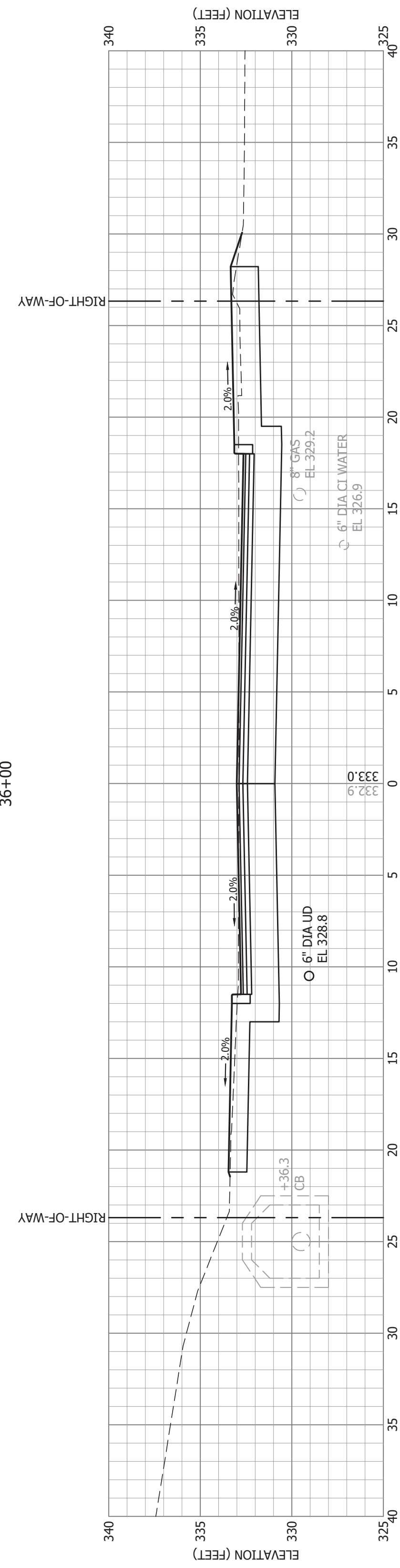
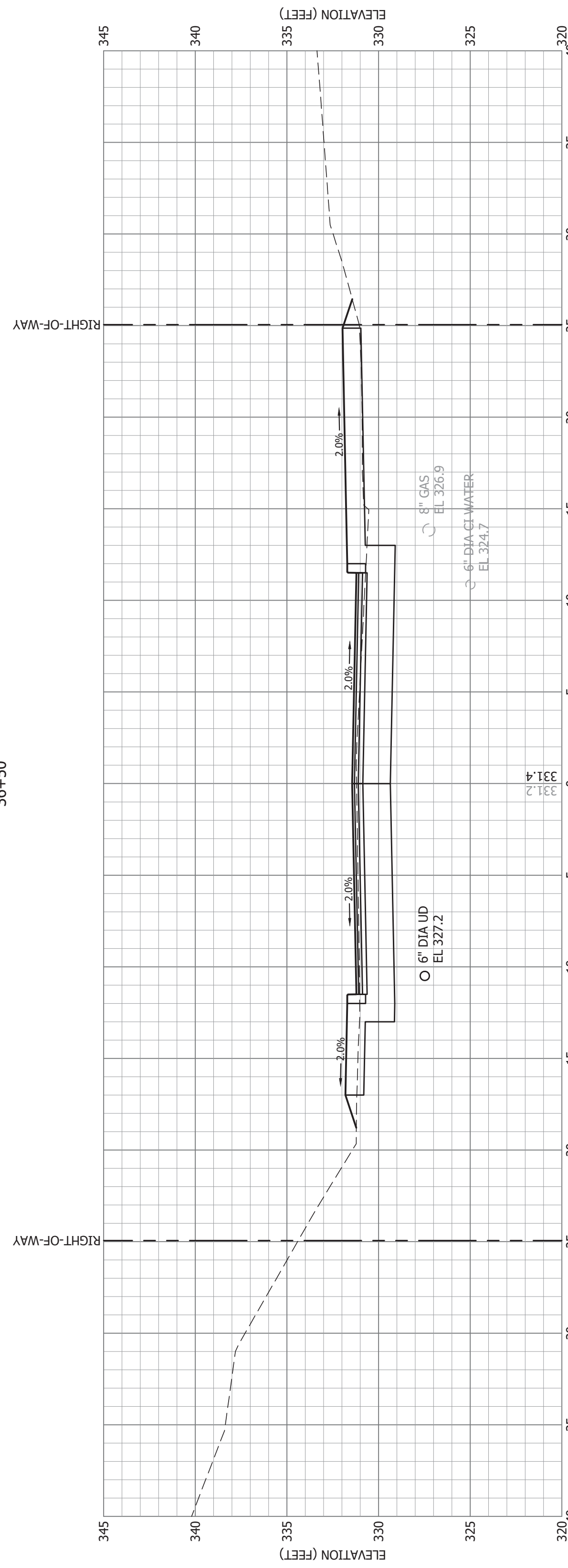
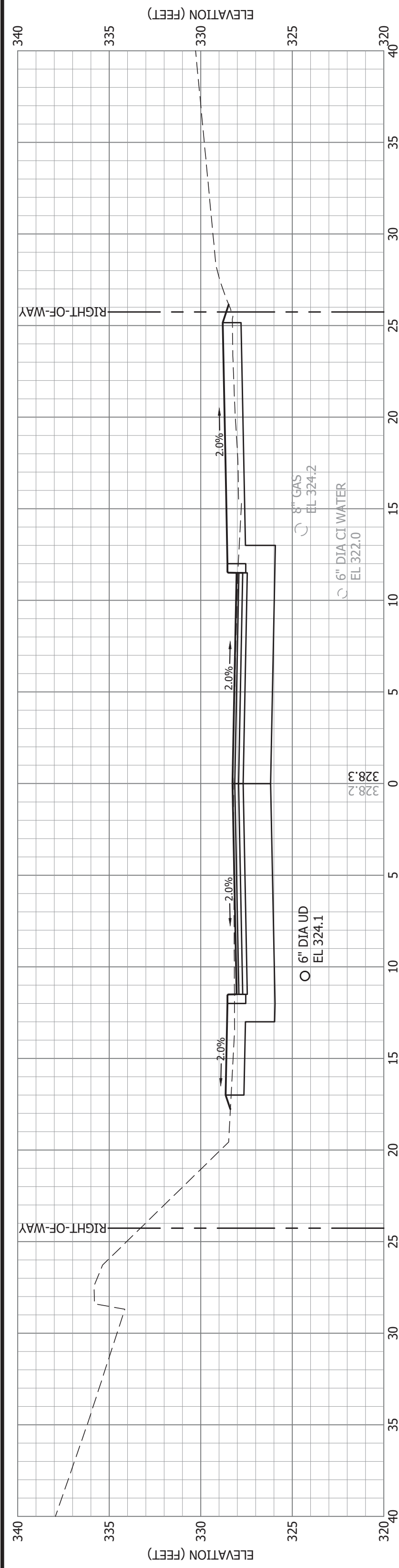


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CROSS SECTIONS
STA 31+00 TO STA 33+00

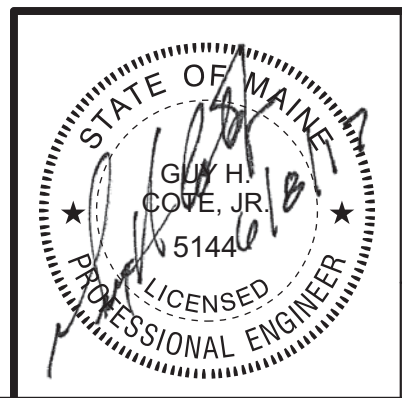
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DESIGN BY: JCM	C-222
DRAWN BY: SJM	
CHECKED BY: GHC	
LMN: NONE	
CTB: SME-STD	

JOB NO. 16256.00 DWG FILE BASE



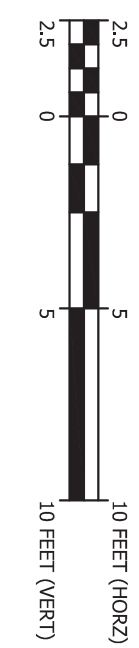
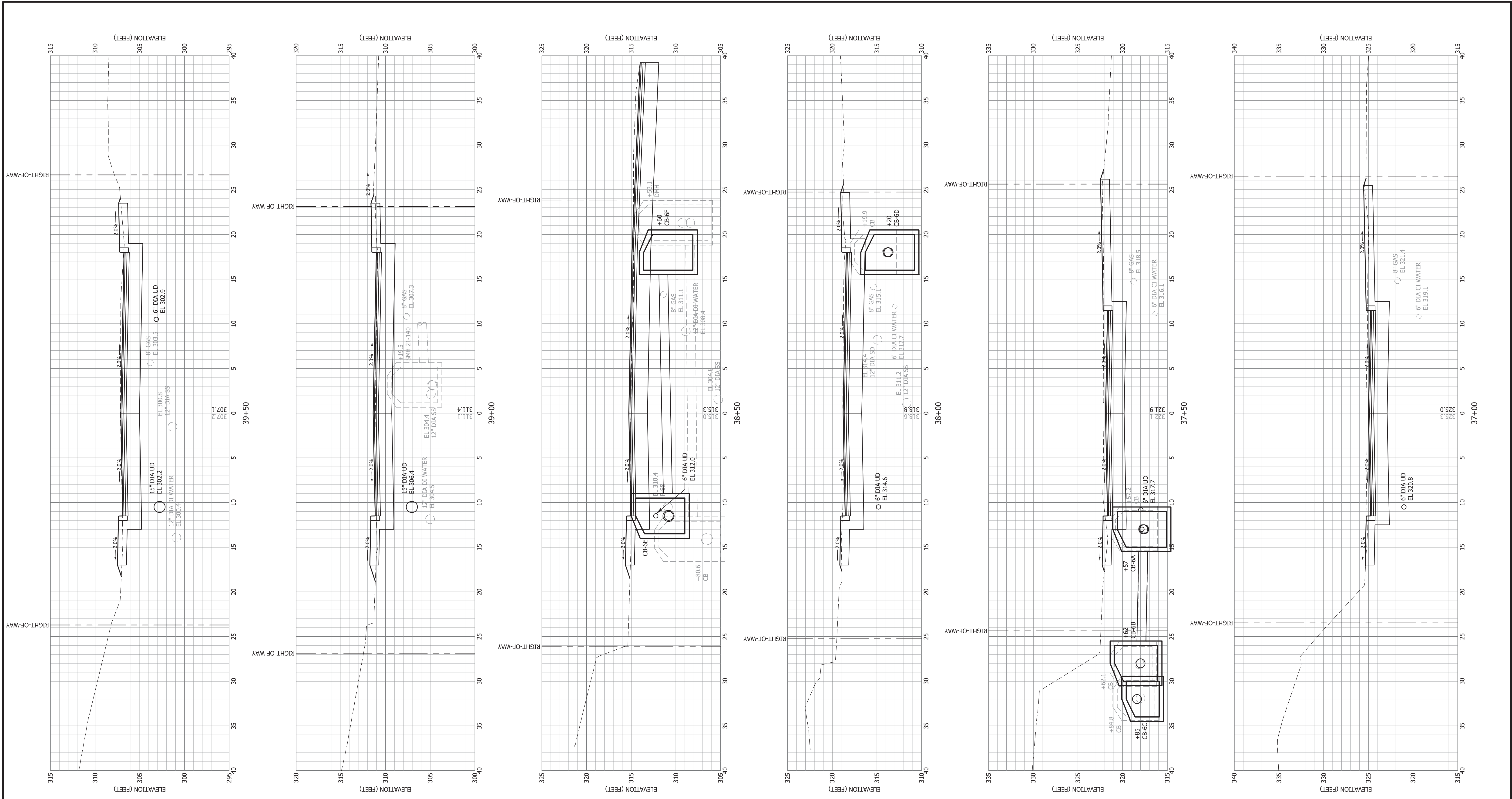
REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID



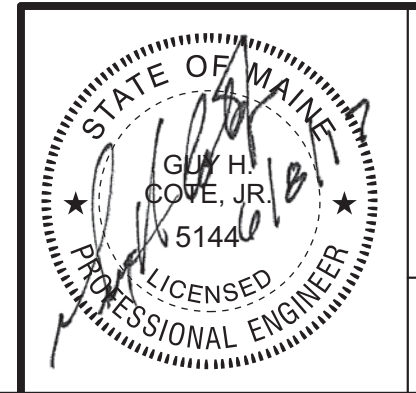
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DESIGN BY:	JCM
DRAWN BY:	SJM
DATE:	6/2017
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LMN:	NONE
CTB:	SME-STD



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	JCM	6/2017	ISSUED FOR BID



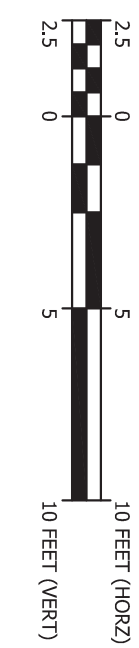
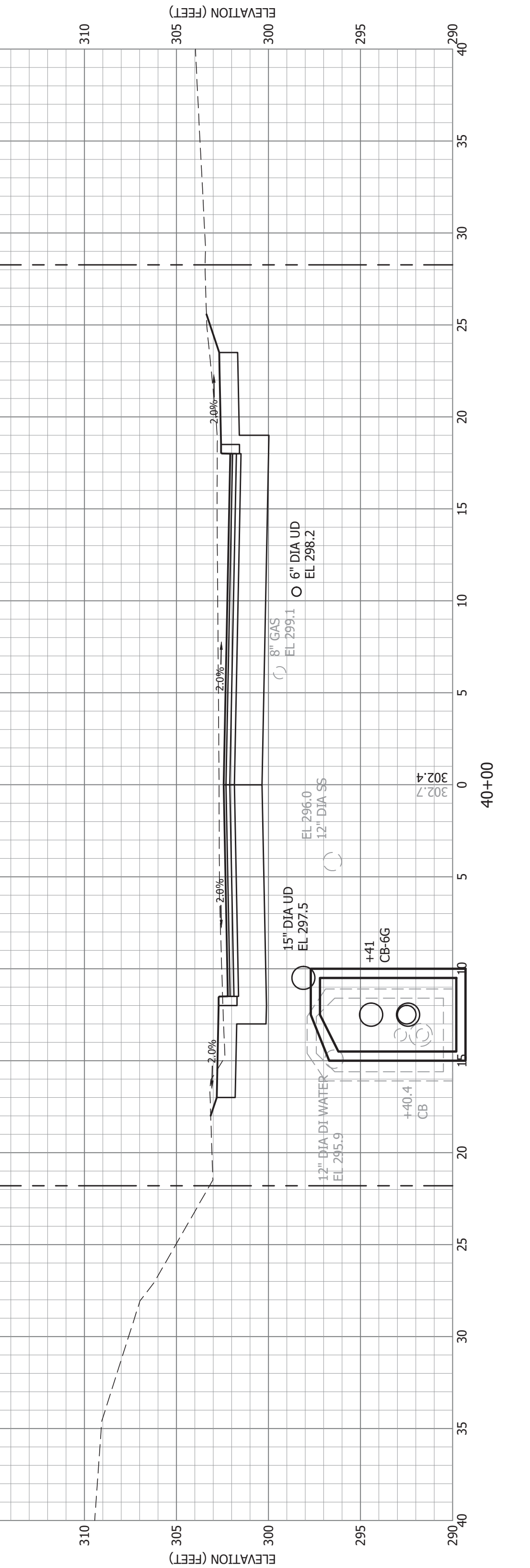
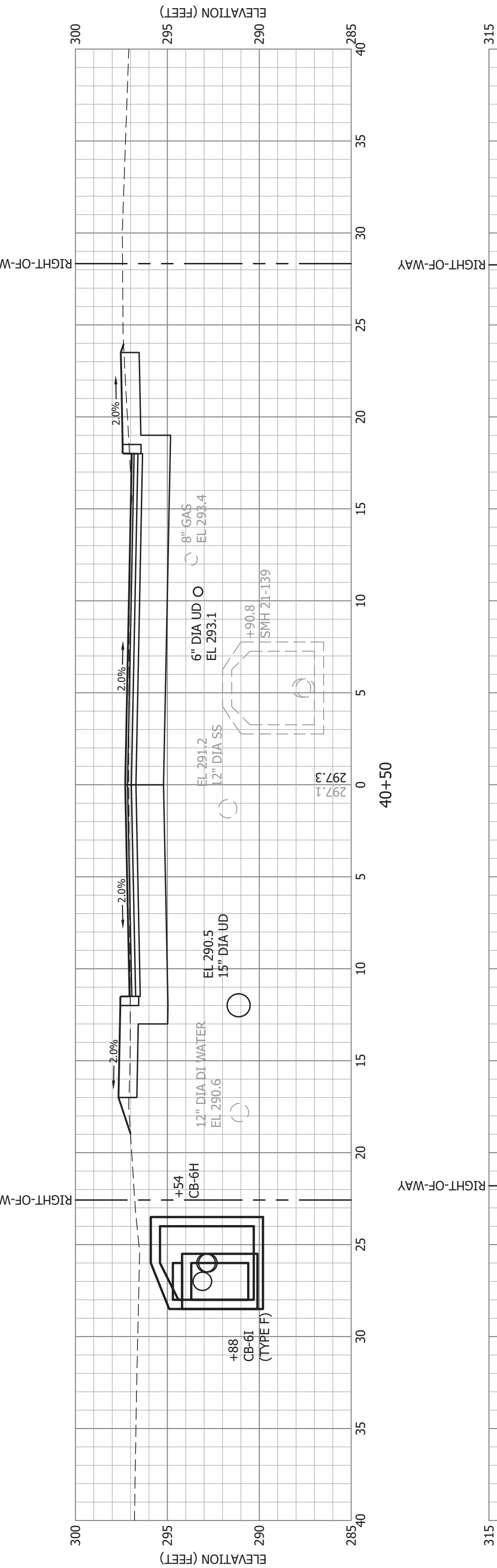
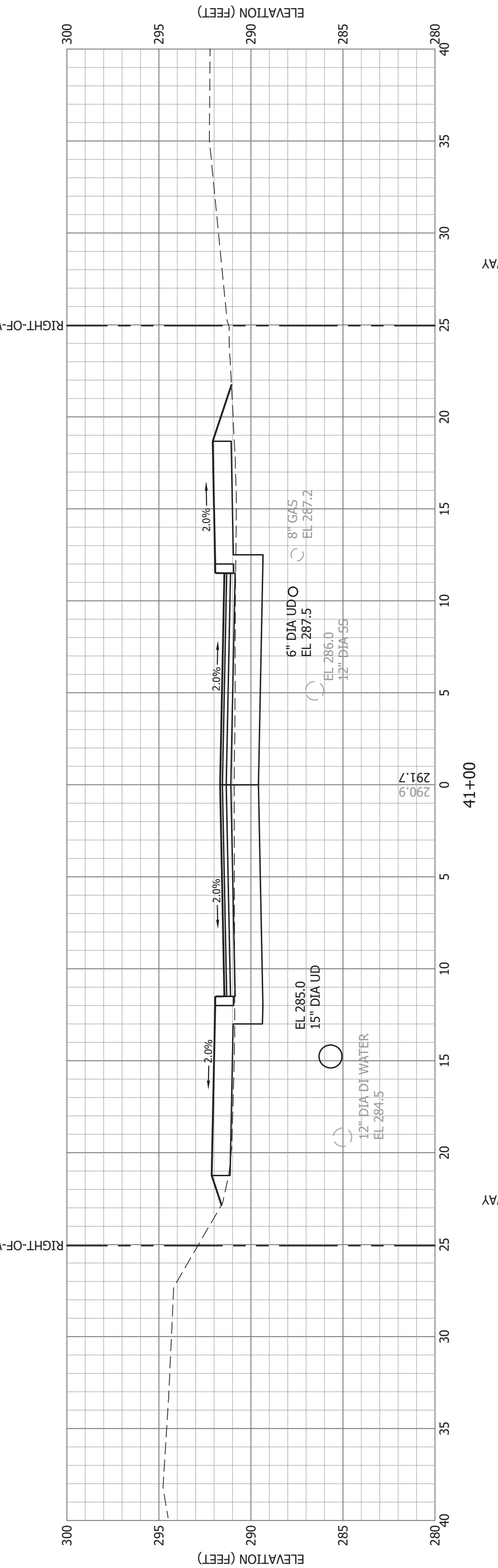
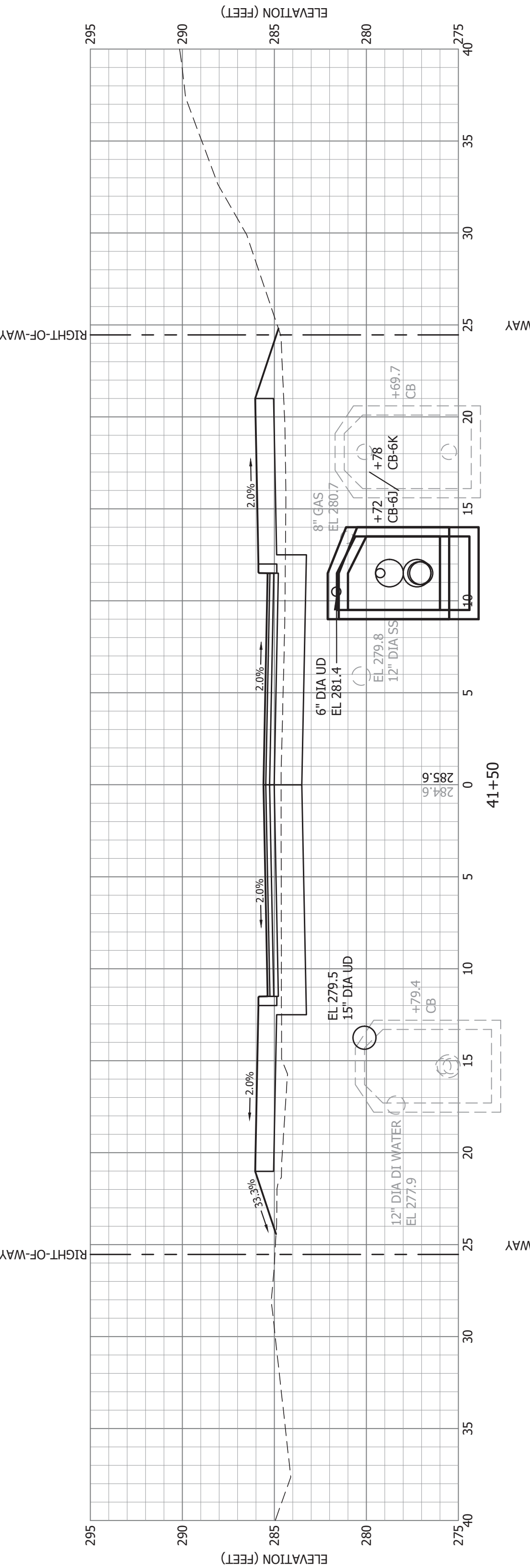
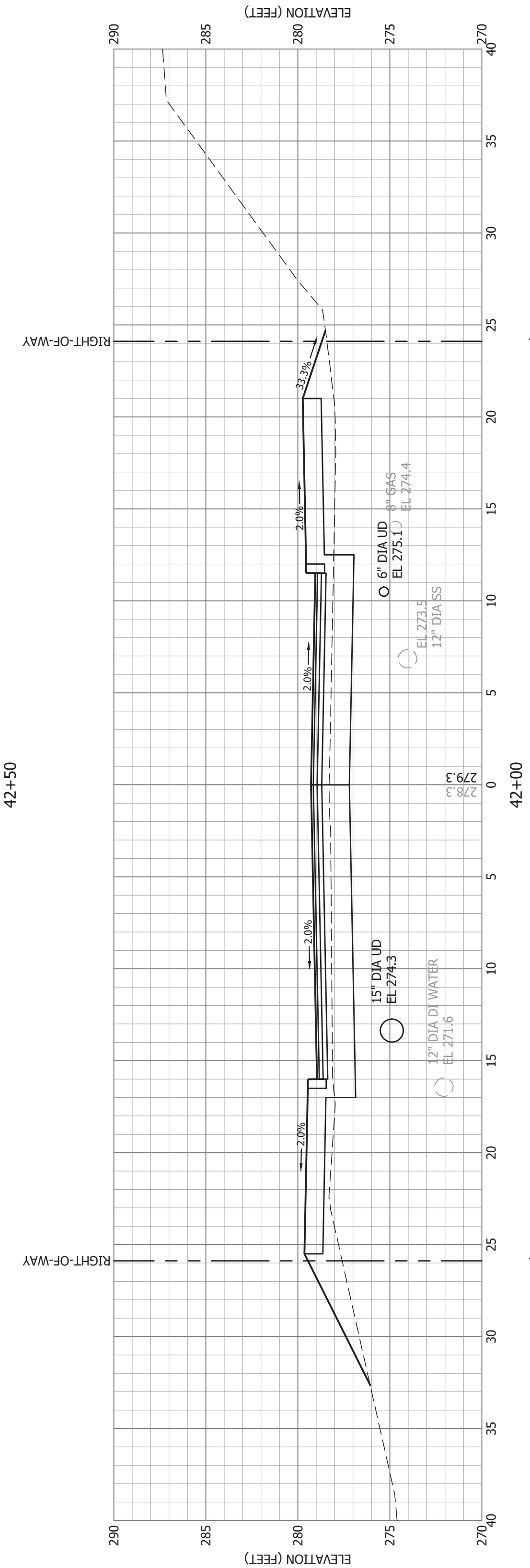
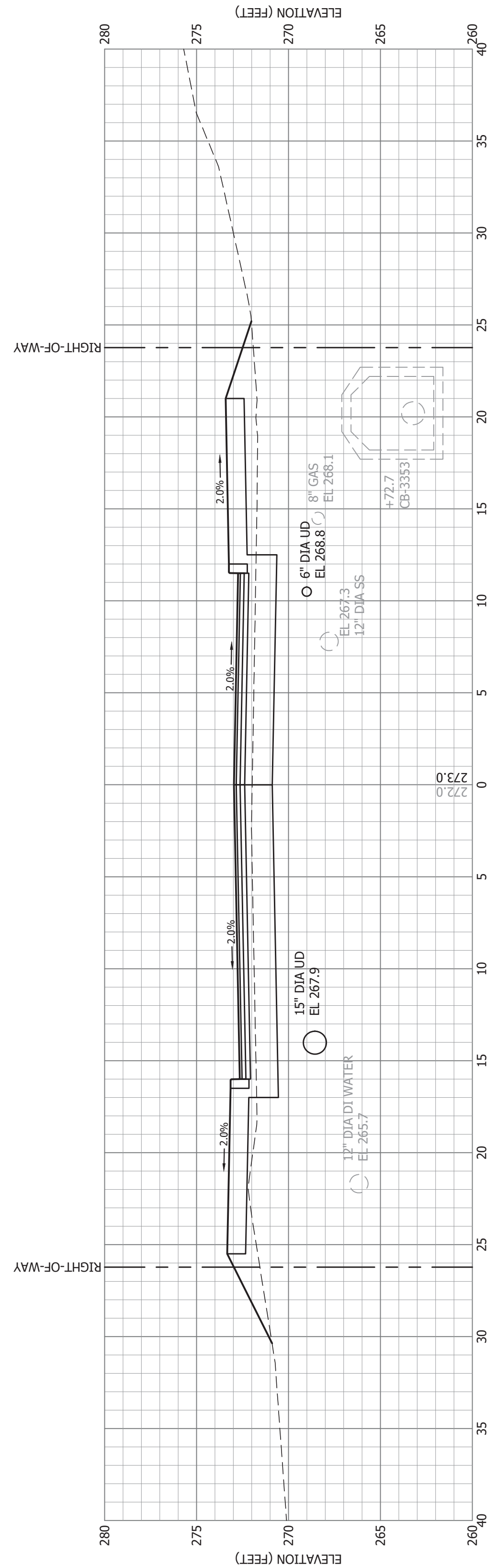
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CROSS SECTIONS
STA 37+00 TO STA 39+50

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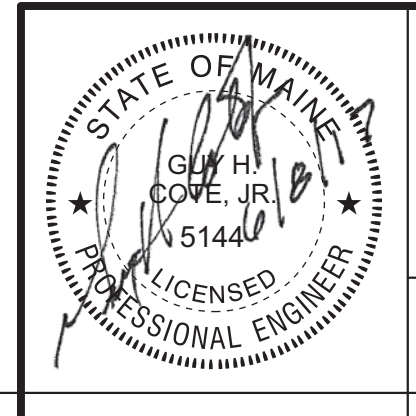
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DESIGN BY: JCM	C-224
DRAWN BY: SJM	
CHECKED BY: GHC	
LMN: NONE	
CTB: SME-STD	

JOB NO. 16256.00 DWG FILE BASE



REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID

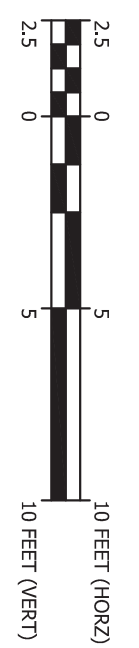
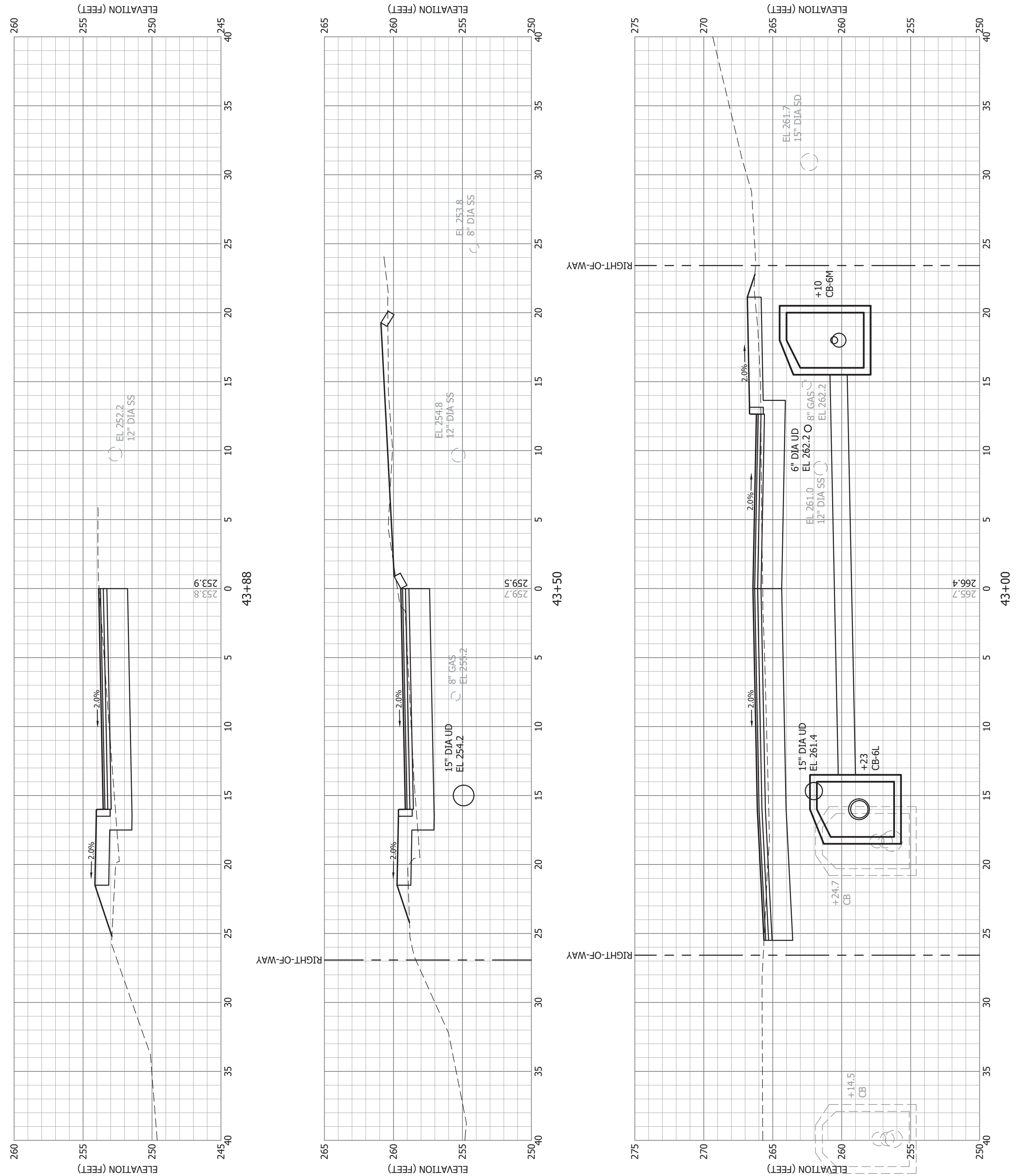


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CROSS SECTIONS
STA 40+00 TO STA 42+50

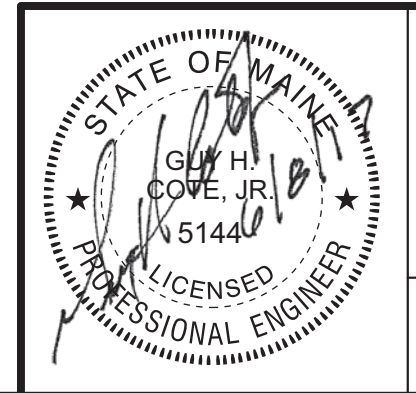
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DESIGN BY: JCM	C-225
DRAWN BY: SJM	
CHECKED BY: GHC	
LMN: NONE	
CTB: SME-STD	

JOB NO. 16256.00 DWG FILE BASE



REV.	BY	DATE	STATUS
	JCM	6/2017	ISSUED FOR BID



CITY OF AUBURN
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LAKE STREET
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STA 43+00 TO STA 43+88

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DESIGN BY: JCM	C-226
DRAWN BY: SJM	
CHECKED BY: GHC	
LMN: NONE	
CTB: SME-STD	

JOB NO. 16256.00 DWG FILE BASE