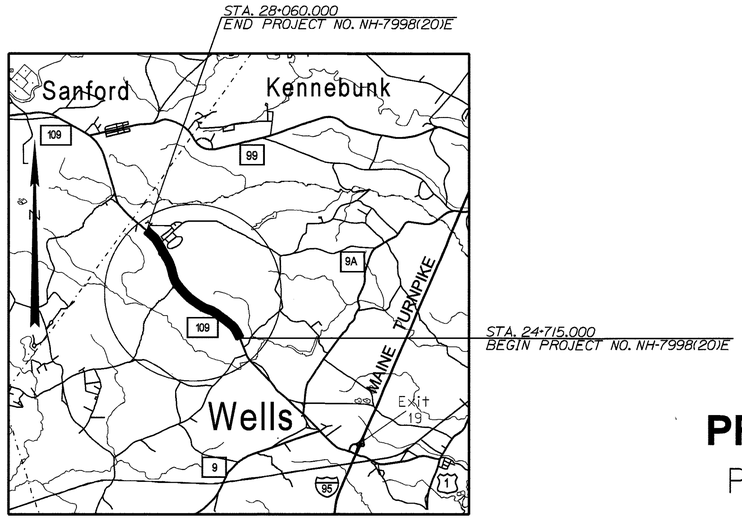
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



WELLS

YORK COUNTY

ROUTE 109

PROJECT NO. NH - 7998(20)E

PROJECT LENGTH : 3.345 km

HIGHWAY RECONSTRUCTION

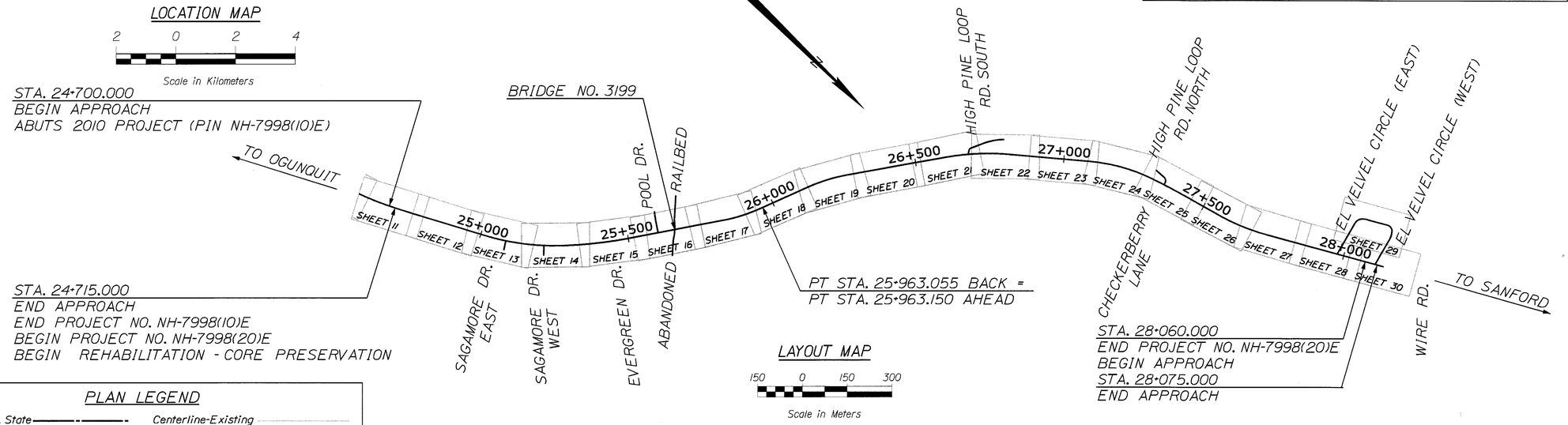
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Cross - Sections	44-113
Bridge Plans	114-117
Right of Way Map (Provided by Maine DOT).	118-138

LOCATION MAP

2 0 2 4

Scale in Kilometers



LAYOUT MAP

150 0 150 300

Scale in Meters

PLAN LEGEND

Town, County, State
Property Lines
R/W Lines-Existing
R/W Lines-Proposed
Culvert-Existing
Culvert Proposed
Curbing — Existing — Proposed
Type 1
Type 3
Type 5
Outline of Bodies of Water
Ledge
Buildings
Trees — Conifer — Deciduous
Tree Line
Clearing Limit Line
Centerline-Existing
Centerline-Proposed
Travelway-Existing
Travelway-Proposed
Railroad
Catch Basins — Existing — Proposed
Manholes — Existing — Proposed
Proposed Underdrain
Proposed Ditch
Existing Ditch
Utility Poles — Existing — Proposed
Fire Hydrants — Existing — Proposed
Existing Water Line
Existing San. Sewer
Existing San. Sewer Manhole
Guardrail-Existing
Guardrail-Proposed
Guardrail-Cable, Other

TRAFFIC DATA

	SE of High Pine Loop Road	Wells-Sanford Town Line
Current (2011) AADT	8,010	7,260
Future (2031) AADT	10,410	9,440
DHV - % of AADT	9%	10%
Design Hour Volume	989	944
% Heavy Trucks (AADT)	8%	9%
% Heavy Trucks (DHV)	6%	7%
Directional Distribution (DHV)	65%	65%
80 kN Equivalent P 2.0	345	345
80 kN Equivalent P 2.5	329	329
Design Speed (km/h)	60 km/h - 70 km/h - 80 km/h	90 km/h
Functional Class	NHS Principal Arterial	

PROGRAM AREA: HIGHWAY IMPROVEMENTS: RURAL ARTERIAL
SCOPE OF WORK: RECONSTRUCTION INCLUDING GRADING, DRAINAGE, BASE AND PAVEMENT, NEW BRIDGE

ROADWAY AND SIGNAL PLANS PREPARED BY:
VHB
Transportation
Land Development
Environmental Services
Scientific Services
Bedford, New Hampshire 03110-6532
603 644 0888 & FAX 603 644 2386
Vanasse Hangen Brustlin, Inc.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

APPROVED

	DATE
COMMISSIONER: Paul A. Merrill	6/3/11
CHIEF ENGINEER: Scott L. Sweeney	6/3/11

STATE OF MAINE — Steven M. Hodgdon 11206 — PROFESSIONAL ENGINEER — BRIDGE
SIGNATURE 11206 | P.E. NUMBER | DATE 5-19-11

STATE OF MAINE — ANTHONY GRANDE No. 12023 — PROFESSIONAL ENGINEER — ROADWAY
SIGNATURE 12023 | P.E. NUMBER | DATE 5-19-11

PROJECT INFORMATION			
PROGRAM	HIGHWAY	CONSULTANT	VHB
PROJECT MANAGER	EM/AG	PROJECT RESIDENT	
DESIGNER	LCG/KAR/MGS	CONTRACTOR	
		PROJECT COMPLETION DATE	

PIN 7998.20

NH - 7998(20)E

WELLS
ROUTE 109

TITLE SHEET

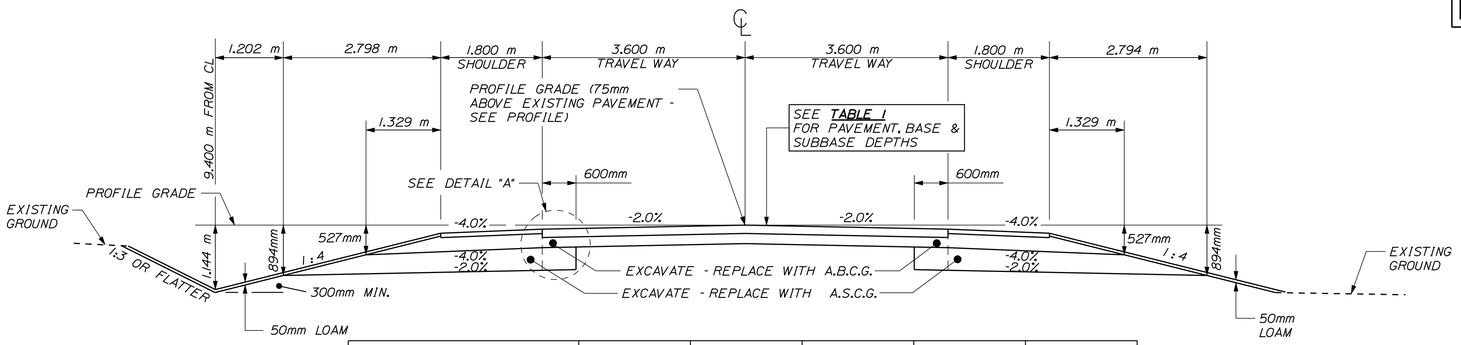
SHEET NUMBER 1

OF 138

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		1	MAINE	NH - 7998(20)E	2	138

PIN 7998.20



AGGREGATE SUBBASE VOLUMES		1.800 m SHOULDER	0.6 m TRAVEL LANE	7.2 m TRAVEL LANE	0.6 m TRAVEL LANE	1.800 m SHOULDER
ALTERNATIVE 1: ALL H.M.A.	A.B.C.G. (m^3/m)	0.635		1.296		0.635
	A.S.C.G. (m^3/m)	1.402	0.240		0.240	1.402
ALTERNATIVE 2: PMRAP WITH H.M.A.	A.B.C.G. (m^3/m)	0.463		1.116		0.463
	A.S.C.G. (m^3/m)	1.402	0.240		0.240	1.402

REHABILITATION - CORE PRESERVATION

NORMAL SECTION

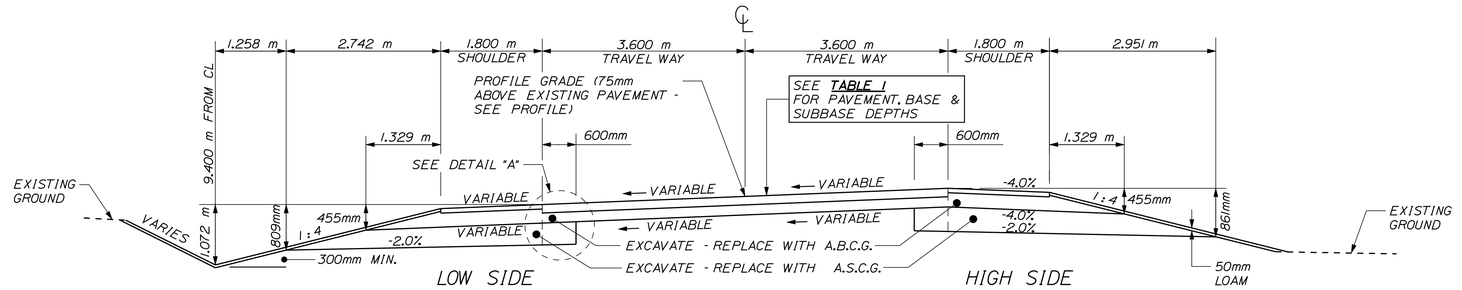
STA. 24+715 TO STA. 24+920
STA. 26+320 TO STA. 26+560

NOTES:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL. (SEE TABLE I BELOW)
2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER PAVEMENT SHALL HAVE THE SAME CROSS SLOPE AS THE TRAVEL WAY.
3. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
4. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 50 mm LOAM DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
5. THE ALGEBRAIC DIFFERENCE BETWEEN SHOULDER AND TRAVEL LANE CROSS SLOPES "ROLLOVER" SHALL NOT EXCEEED 8%.
6. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
7. H.M.A. = HOT MIX ASHPHALT
   A.B.C.G. = AGGREGATE BASE COURSE - CRUSHED (TYPE B) - ITEM 304.09
   A.S.C.G. = AGGREGATE SUBBASE COURSE - GRAVEL - ITEM 304.10

TABLE I
PAVEMENT DEPTHS FOR CONTRACTOR ALTERNATIVE BID

ALTERNATIVE 1: ALL H.M.A.	150 mm H.M.A. 180 mm A.B.C.G. 400 mm A.S.C.G.
ALTERNATIVE 2: PMRAP WITH H.M.A.	100 mm H.M.A. 75 mm PMRAP 155 mm A.B.C.G. 400 mm A.S.C.G.

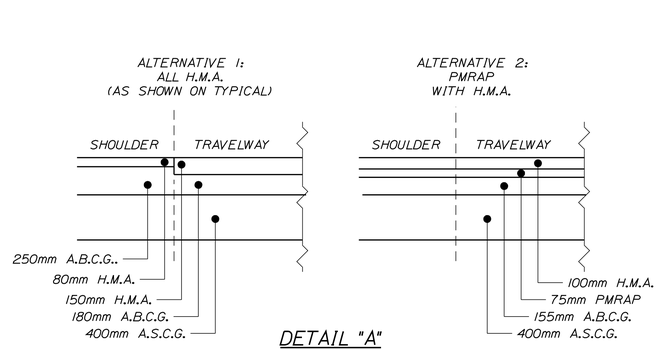


AGGREGATE SUBBASE VOLUMES		1.800 m SHOULDER	0.6 m TRAVEL LANE	7.2 m TRAVEL LANE	0.6 m TRAVEL LANE	1.800 m SHOULDER
ALTERNATIVE 1: ALL H.M.A.	A.B.C.G. (m^3/m)	0.635		1.296		0.635
	A.S.C.G. (m^3/m)	1.346	0.236		0.251	1.569
ALTERNATIVE 2: PMRAP WITH H.M.A.	A.B.C.G. (m^3/m)	0.463		1.116		0.463
	A.S.C.G. (m^3/m)	1.346	0.236		0.251	1.569

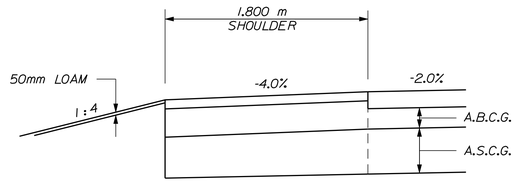
REHABILITATION - CORE PRESERVATION

SUPERELEVATED

STA. 26+120 TO STA. 26+320
STA. 26+560 TO STA. 26+600



DETAIL "A"



AGGREGATE SUBBASE VOLUMES		1.800 m LEFT	1.800 m RIGHT
ALTERNATIVE 1: ALL H.M.A.	A.B.C.G. (m^3/m)	0.450	0.450
	A.S.C.G. (m^3/m)	0.686	0.686
ALTERNATIVE 2: PMRAP WITH H.M.A.	A.B.C.G. (m^3/m)	0.279	0.279
	A.S.C.G. (m^3/m)	0.686	0.686

REHABILITATION - CORE PRESERVATION

NON-CURB SECTION

LEFT
STA. 26+120 TO STA. 26+380

RIGHT
STA. 24+840 TO STA. 24+900
STA. 26+120 TO STA. 26+600

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

WELLS
ROUTE 109

NOT TO SCALE

SHEET 1 OF 4 AUGUSTA, MAINE

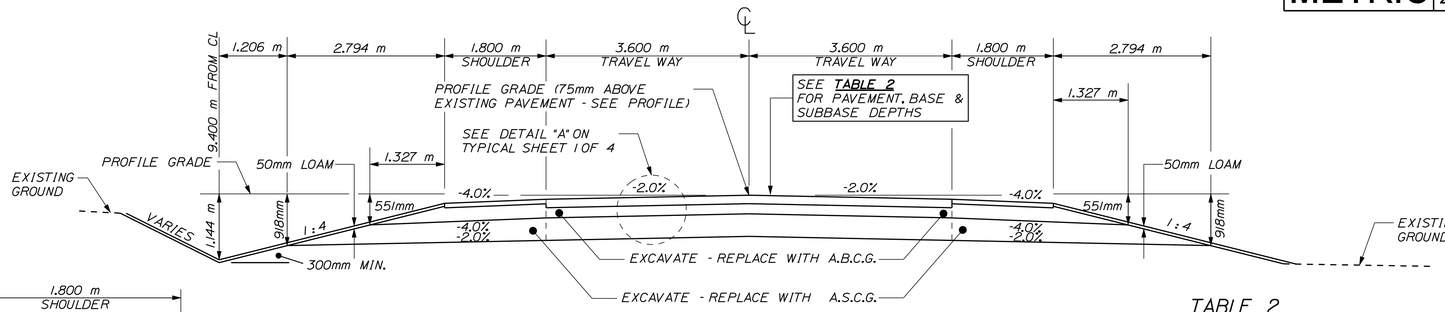
PROJECT DESIGN ENGINEER	BY	DATE
DESIGN DETAILED	M. Cerveny	APR 2005
CHECKED	J. Harden	
REVISIONS		
FIELD CHANGES		

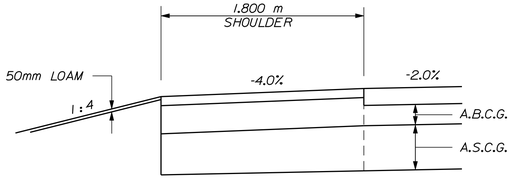
PLANS

Filename: ...\te\planset\002_Typical_001.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	NH - 7998(20)E	3	138

PIN 7998.20





AGGREGATE SUBBASE VOLUMES		1.800 m LEFT	1.800 m RIGHT
ALTERNATIVE 1: ALL H.M.A.	A.B.C.G. (m^3/m)	0.450	0.450
	A.S.C.G. (m^3/m)	0.686	0.686
ALTERNATIVE 2: PMRAP WITH H.M.A.	A.B.C.G. (m^3/m)	0.279	0.279
	A.S.C.G. (m^3/m)	0.686	0.686

FULL CONSTRUCTION

NON-CURB SECTION

LEFT	RIGHT
STA. 26+000 TO STA. 26+120	STA. 26+600 TO STA. 26+620
STA. 26+620 TO STA. 26+720	STA. 27+270 TO STA. 27+360
STA. 27+390 TO STA. 27+520	

AGGREGATE SUBBASE VOLUMES		1.800 m SHOULDER	7.2 m TRAVEL LANE	1.800 m SHOULDER
ALTERNATIVE 1: ALL H.M.A.	A.B.C.G. (m^3/m)	0.635	1.296	0.635
	A.S.C.G. (m^3/m)	1.402	2.881	1.402
ALTERNATIVE 2: PMRAP WITH H.M.A.	A.B.C.G. (m^3/m)	0.463	1.116	0.463
	A.S.C.G. (m^3/m)	1.402	2.881	1.402

FULL CONSTRUCTION

NORMAL SECTION

STA. 24+920 TO STA. 24+980
STA. 25+560 TO STA. 25+760
STA. 26+000 TO STA. 26+080
STA. 26+860 TO STA. 27+040
STA. 27+360 TO STA. 27+500
STA. 27+800 TO STA. 28+060

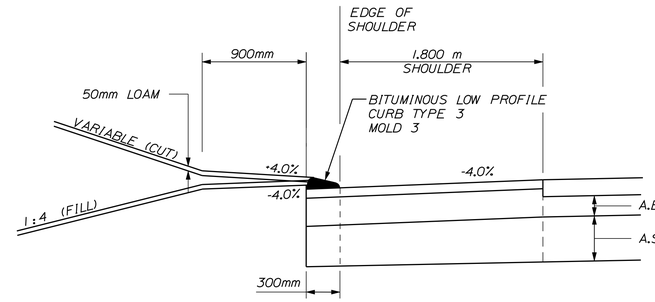
TABLE 2

PAVEMENT DEPTHS FOR CONTRACTOR ALTERNATIVE BID

ALTERNATIVE 1: ALL H.M.A.	150 mm H.M.A. 180 mm A.B.C.G. 400 mm A.S.C.G.
ALTERNATIVE 2: PMRAP WITH H.M.A.	100 mm H.M.A. 75 mm PMRAP 155 mm A.B.C.G. 400 mm A.S.C.G.

NOTES:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL. (SEE TABLE 2 BELOW)
2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER PAVEMENT SHALL HAVE THE SAME CROSS SLOPE AS THE TRAVEL WAY.
3. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
4. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 50 mm LOAM DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
5. THE ALGEBRAIC DIFFERENCE BETWEEN SHOULDER AND TRAVEL LANE CROSS SLOPES "ROLLOVER" SHALL NOT EXCEEED 8%.
6. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
7. H.M.A. = HOT MIX ASHPHALT
   A.B.C.G. = AGGREGATE BASE COURSE - CRUSHED (TYPE B) - ITEM 304.09
   A.S.C.G. = AGGREGATE SUBBASE COURSE - GRAVEL - ITEM 304.10

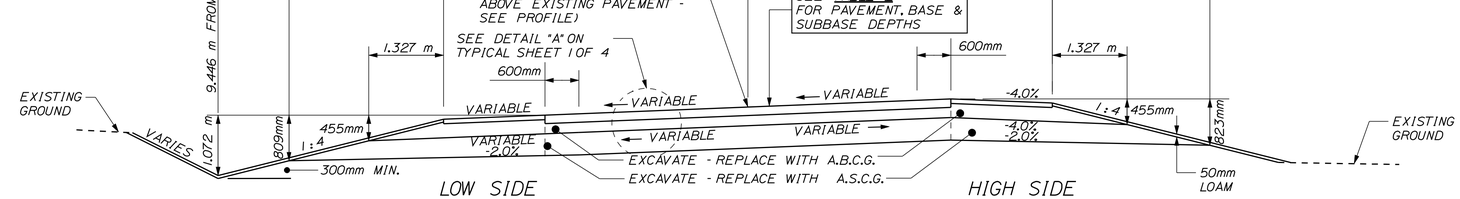


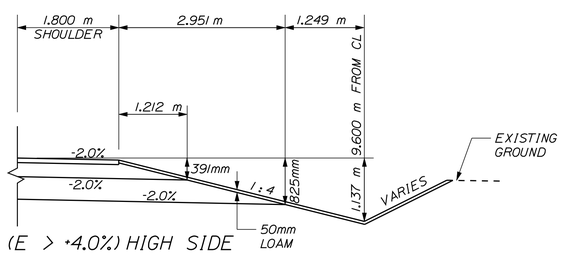
AGGREGATE SUBBASE VOLUMES		300mm LEFT	300mm RIGHT
ALTERNATIVE 1: ALL H.M.A.	A.B.C.G. (m^3/m)	0.075	0.075
	A.S.C.G. (m^3/m)	0.108	0.108
ALTERNATIVE 2: PMRAP WITH H.M.A.	A.B.C.G. (m^3/m)	0.047	0.047
	A.S.C.G. (m^3/m)	0.108	0.108

FULL CONSTRUCTION

CURB SECTION (MOLD 3)

LEFT	RIGHT
STA. 25+058 TO STA. 25+280	STA. 27+378 TO STA. 27+553
STA. 25+740 TO STA. 25+803	
STA. 26+874 TO STA. 27+086	
STA. 27+247 TO STA. 27+337	
STA 27+367 TO STA. 27+382	
STA. 27+638 TO STA. 27+960	





AGGREGATE SUBBASE VOLUMES		1.8 m SHOULDER
ALTERNATIVE 1: ALL H.M.A.	A.B.C.G. (m^3/m)	0.619
	A.S.C.G. (m^3/m)	1.553
ALTERNATIVE 2: PMRAP WITH H.M.A.	A.B.C.G. (m^3/m)	0.403
	A.S.C.G. (m^3/m)	1.553

NOTE :
WHEN THE SUPERELEVATION RATE EXCEEDS +4.0%, THEN THE HIGH SIDE SHOULDER SHALL BE -2.0% AND THE LOW SIDE SHOULDER SHALL BE THE SAME AS THE ADJACENT TRAVELWAY.

FULL CONSTRUCTION

SUPERELEVATED SECTION

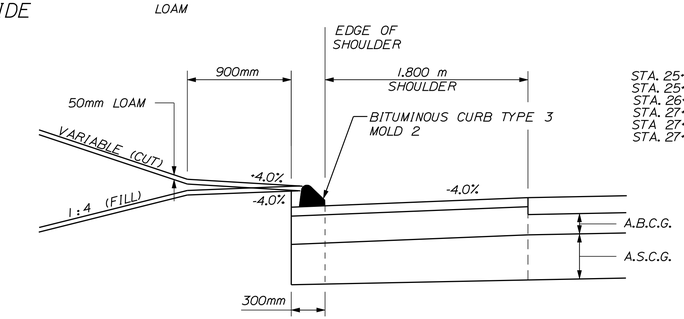
STA. 27+573 TO STA. 27+728

AGGREGATE SUBBASE VOLUMES		1.800 m SHOULDER	7.2 m TRAVEL LANE	1.800 m SHOULDER
ALTERNATIVE 1: ALL H.M.A.	A.B.C.G. (m^3/m)	0.635	1.296	0.635
	A.S.C.G. (m^3/m)	1.402	2.881	1.402
ALTERNATIVE 2: PMRAP WITH H.M.A.	A.B.C.G. (m^3/m)	0.463	1.116	0.463
	A.S.C.G. (m^3/m)	1.402	2.881	1.402

FULL CONSTRUCTION

SUPERELEVATED

STA. 24+980 TO STA. 25+560
STA. 25+760 TO STA. 26+000
STA. 26+080 TO STA. 26+120
STA. 26+600 TO STA. 26+860
STA. 27+040 TO STA. 27+360
STA. 27+500 TO STA. 27+573
STA. 27+728 TO STA. 27+800



AGGREGATE SUBBASE VOLUMES		300mm LEFT	300mm RIGHT
ALTERNATIVE 1: ALL H.M.A.	A.B.C.G. (m^3/m)	0.075	0.075
	A.S.C.G. (m^3/m)	0.108	0.108
ALTERNATIVE 2: PMRAP WITH H.M.A.	A.B.C.G. (m^3/m)	0.047	0.047
	A.S.C.G. (m^3/m)	0.108	0.108

FULL CONSTRUCTION

CURB SECTION (MOLD 2)

LEFT	RIGHT
STA. 25+620 TO STA. 25+710	STA. 25+984 TO STA. 26+110 RT

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

WELLS
ROUTE 109

NOT TO SCALE

SHEET 2 OF 4 AUGUSTA, MAINE

PROJECT DESIGN ENGINEER	BY	DATE
PLANS	M. Cerveny	APR 2005
DESIGN-DETAILED	J. Harden	
CHECKED		
REVISIONS		
FIELD CHANGES		

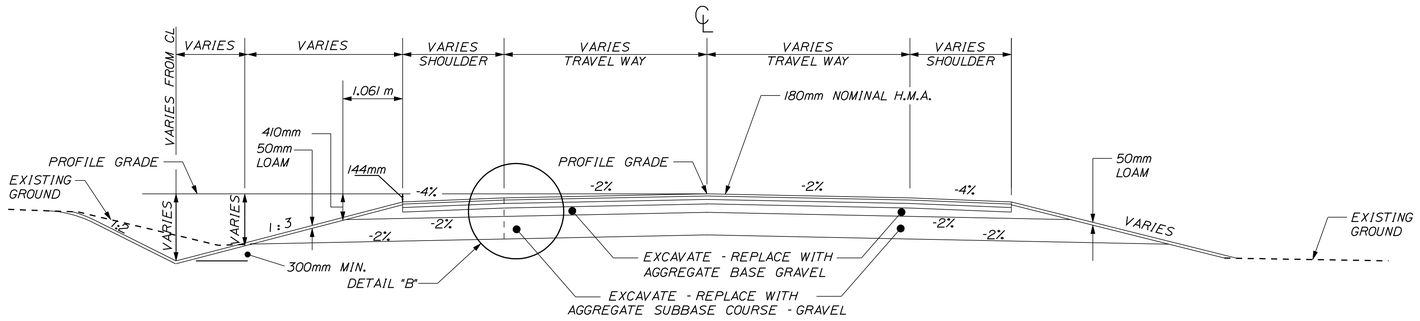
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METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	NH - 7998(20)E	4	138

PIN 7998.20

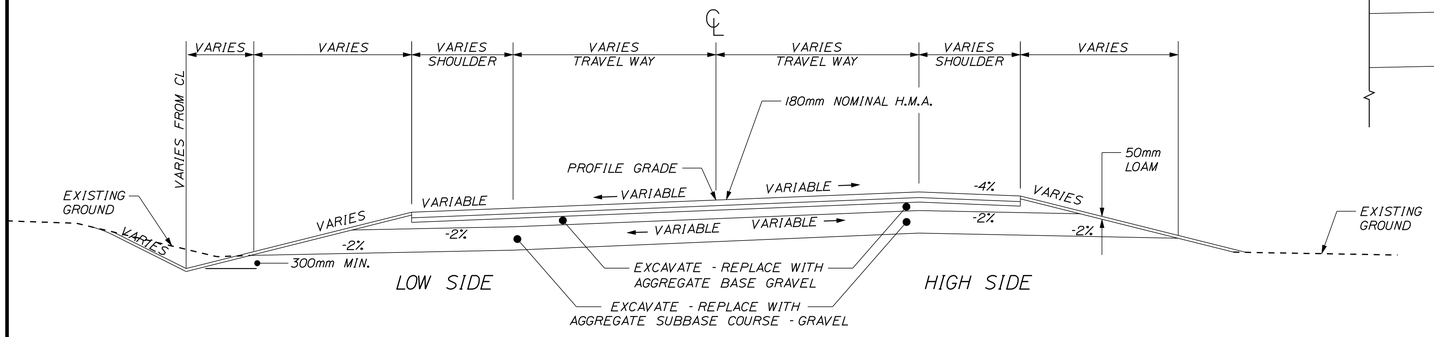
SIDE ROAD TYPICAL SECTIONS

FULL RECONSTRUCTION

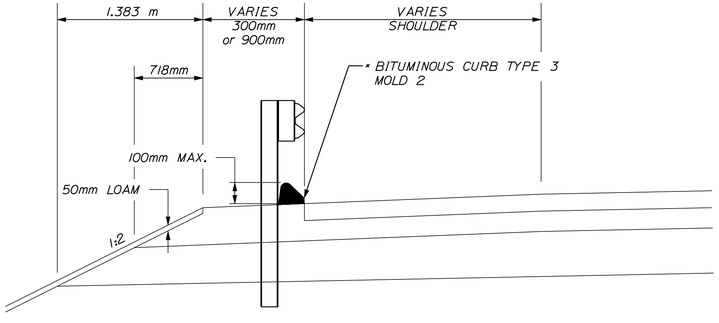


NORMAL SECTION FOR DAYLIGHT

SAGAMORE DRIVE EAST
SAGAMORE DRIVE WEST
HIGH PINE LOOP ROAD NORTH
HIGH PINE LOOP ROAD SOUTH
POOL DRIVE



SUPERELEVATED SECTION

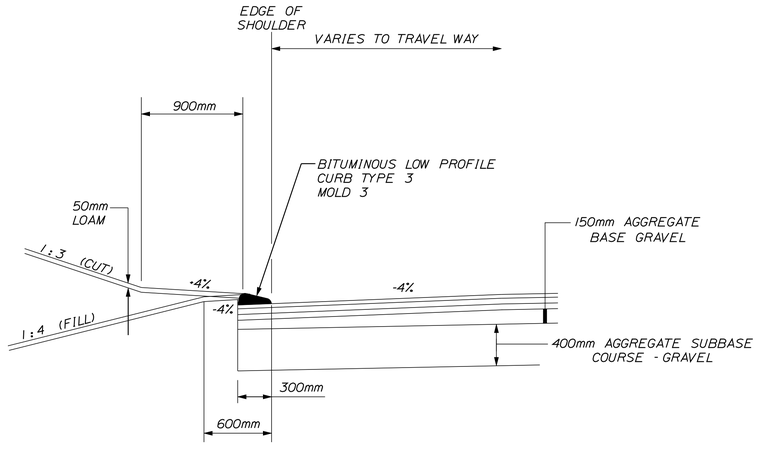


GUARDRAIL SECTION

(EMBANKMENT HEIGHT ≥ 5.0m)

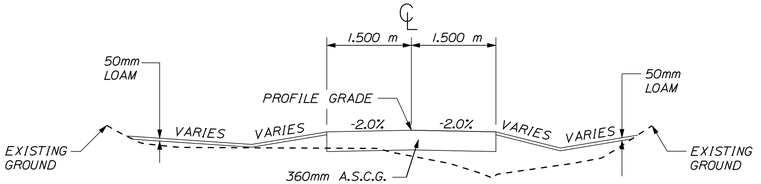
LEFT	RIGHT
STA. 25+620 to STA. 25+710	* STA. 25+400 TO STA. 25+430 * STA. 26+800 TO STA. 26+940 (2.4 m LENGTH POSTS)

* WILL NOT REQUIRE CURBING

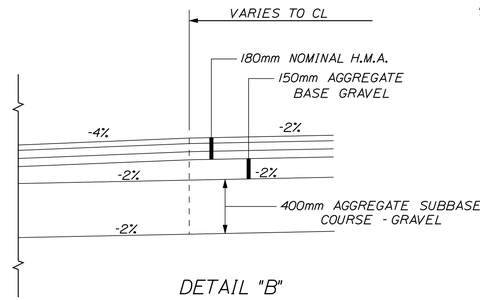


SIDE ROAD CURB SECTION

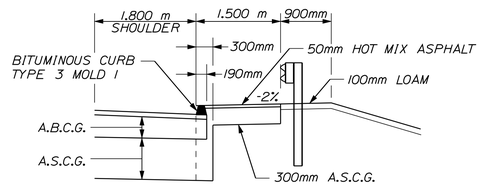
LEFT	RIGHT
STA. 12+005 to STA. 12+021	STA. 12+005 TO STA. 12+011



ABANDONED RAILBED

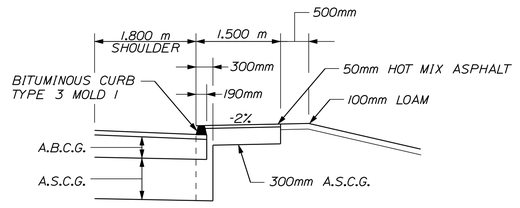


DETAIL "B"



RIGHT

STA. 25+632 TO STA. 25+684



LEFT	RIGHT
STA. 25+475 TO STA. 25+500	STA. 25+499 TO STA. 25+618 STA. 25+692 TO STA. 25+970

AGGREGATE SUBBASE VOLUMES		1.500 m SIDEWALK
ALTERNATIVE 1: ALL H.M.A.	A.B.C.G. (m³/m)	0.068
	A.S.C.G. (m³/m)	0.641
ALTERNATIVE 2: PMRAP WITH H.M.A.	A.B.C.G. (m³/m)	0.052
	A.S.C.G. (m³/m)	0.641

SIDEWALK DETAILS

PROJECT DESIGN ENGINEER — PLANS

	BY	DATE
DESIGN-DETAILED	M. Cerveny	APR 2005
CHECKED	J. Harden	
REVISIONS		
FIELD CHANGES		

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

WELLS
ROUTE 109

NOT TO SCALE

SHEET 3 OF 4 AUGUSTA, MAINE

Filename: ...\te\planset\004_Typical_003.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	NH - 7998(20)E	5	138

PIN 7998.20

SUPERELEVATION TABLE
CURVE 1 & 2

LT. SHOULDER	LT. TRAVELWAY	STATION	RT. TRAVELWAY	RT. SHOULDER
		START		
-4.0	-2.0	24+980	-2.0	-4.0
-4.0	-2.0	24+990	-1.0	-4.0
-4.0	-2.0	25+000	-0.1	-4.0
-4.0	-2.0	25+010	+0.9	-4.0
-4.0	-2.0	25+020	+1.9	-4.0
-4.0	-2.8	25+030	+2.8	-4.0
-4.0	-3.8	25+040	+3.8	-4.0
		TO	(SEE TRANSITION TABLES)	
-4.0	-3.8	25+260	+3.8	-4.0
-4.0	-2.8	25+270	+2.8	-4.0
-4.0	-2.4	25+280	+2.4	-4.0
		TO		
-4.0	-2.4	25+500	+2.4	-4.0
-4.0	-2.0	25+510	+1.7	-4.0
-4.0	-2.0	25+520	+0.9	-4.0
-4.0	-2.0	25+530	-0.2	-4.0
-4.0	-2.0	25+540	-0.5	-4.0
-4.0	-2.0	25+550	-1.3	-4.0
-4.0	-2.0	25+560	-2.0	-4.0

SUPERELEVATION TABLE
CURVE 3

LT. SHOULDER	LT. TRAVELWAY	STATION	RT. TRAVELWAY	RT. SHOULDER
		START		
-4.0	-2.0	25+780	-2.0	-4.0
-4.0	-2.0	25+790	-1.1	-4.0
-4.0	-2.0	25+800	-0.1	-4.0
-4.0	-2.0	25+810	+0.8	-4.0
-4.0	-2.0	25+820	+1.7	-4.0
-4.0	-2.7	25+830	+2.7	-4.0
-4.0	-3.6	25+840	+3.6	-4.0
		TO		
-4.0	-3.6	25+940	+3.6	-4.0
-4.0	-2.7	25+950	+2.7	-4.0
-4.0	-2.0	25+960	+1.7	-4.0
-4.0	-2.0	25+970	+0.8	-4.0
-4.0	-2.0	25+980	-0.1	-4.0
-4.0	-2.0	25+990	-1.1	-4.0
-4.0	-2.0	26+000	-2.0	-4.0

SUPERELEVATION TABLE
CURVE 4

LT. SHOULDER	LT. TRAVELWAY	STATION	RT. TRAVELWAY	RT. SHOULDER
		START		
-4.0	-2.0	26+080	-2.0	-4.0
-4.0	-1.1	26+090	-2.0	-4.0
-4.0	-0.3	26+100	-2.0	-4.0
-4.0	+0.6	26+110	-2.0	-4.0
-4.0	+1.5	26+120	-2.0	-4.0
-4.0	+2.3	26+130	-2.3	-4.0
-4.0	+3.2	26+140	-3.2	-4.0
		TO		
-4.0	+3.2	26+260	-3.2	-4.0
-4.0	+2.3	26+270	-2.3	-4.0
-4.0	+1.5	26+280	-2.0	-4.0
-4.0	+0.6	26+290	-2.0	-4.0
-4.0	-0.3	26+300	-2.0	-4.0
-4.0	-1.1	26+310	-2.0	-4.0
-4.0	-2.0	26+320	-2.0	-4.0

SUPERELEVATION TABLE
CURVE 5

LT. SHOULDER	LT. TRAVELWAY	STATION	RT. TRAVELWAY	RT. SHOULDER
		START		
-4.0	-2.0	26+560	-2.0	-4.0
-4.0	-1.1	26+570	-2.0	-4.0
-4.0	-0.3	26+580	-2.0	-4.0
-4.0	+0.6	26+590	-2.0	-4.0
-4.0	+1.5	26+600	-2.0	-4.0
-4.0	+2.3	26+610	-2.3	-4.0
-4.0	+3.2	26+620	-3.2	-4.0
		TO		
-4.0	+3.2	26+800	-3.2	-4.0
-4.0	+2.3	26+810	-2.3	-4.0
-4.0	+1.5	26+820	-2.0	-4.0
-4.0	+0.6	26+830	-2.0	-4.0
-4.0	-0.2	26+840	-2.0	-4.0
-4.0	-1.1	26+850	-2.0	-4.0
-4.0	-2.0	26+860	-2.0	-4.0

SUPERELEVATION TABLE
CURVE 6

LT. SHOULDER	LT. TRAVELWAY	STATION	RT. TRAVELWAY	RT. SHOULDER
		START		
-4.0	-2.0	27+040	-2.0	-4.0
-4.0	-1.0	27+050	-2.0	-4.0
-4.0	-0.1	27+060	-2.0	-4.0
-4.0	+0.9	27+070	-2.0	-4.0
-4.0	+1.9	27+080	-2.0	-4.0
-4.0	+2.8	27+090	-2.8	-4.0
-4.0	+3.8	27+100	-3.8	-4.0
		TO		
-4.0	+3.8	27+300	-3.8	-4.0
-4.0	+2.8	27+310	-2.8	-4.0
-4.0	+1.9	27+320	-2.0	-4.0
-4.0	+0.9	27+330	-2.0	-4.0
-4.0	-0.1	27+340	-2.0	-4.0
-4.0	-1.0	27+350	-2.0	-4.0
-4.0	-2.0	27+360	-2.0	-4.0

SUPERELEVATION TABLE
CURVE 8

LT. SHOULDER	LT. TRAVELWAY	STATION	RT. TRAVELWAY	RT. SHOULDER
		START		
-4.00	-2.00	27+500	-2.00	-4.00
-4.00	-2.00	27+510	-1.20	-4.00
-4.00	-2.00	27+520	-0.30	-4.00
-4.00	-2.00	27+530	0.40	-4.00
-4.00	-2.00	27+540	1.30	-4.00
-4.00	-2.00	27+550	2.00	-4.00
-4.00	-2.90	27+560	2.90	-4.00
-4.00	-3.80	27+570	3.80	-4.00
-4.60	-4.60	27+580	4.60	-3.00
		TO		
-4.60	-4.60	27+720	4.60	-2.00
-4.00	-3.80	27+730	3.80	-3.00
-4.00	-2.90	27+740	2.90	-4.00
-4.00	-2.00	27+750	2.00	-4.00
-4.00	-2.00	27+760	1.30	-4.00
-4.00	-2.00	27+770	0.40	-4.00
-4.00	-2.00	27+780	-0.30	-4.00
-4.00	-2.00	27+790	-1.20	-4.00
-4.00	-2.00	27+800	-2.00	-4.00

ROUTE 109
SHOULDER SLOPE TRANSITION TABLE
FOR SAGAMORE DRIVE EAST

STATION	RT. TRAVELWAY	RT. SHOULDER
25+063	+3.8	-4.0
25+080	+3.8	-1.62
25+083	+3.8	-1.116
	TO	
25+090	+3.8	-1.116
25+100	+3.8	-2.56
25+110	+3.8	-4.0

ROUTE 109
SHOULDER SLOPE TRANSITION TABLE
FOR SAGAMORE DRIVE WEST

STATION	RT. TRAVELWAY	RT. SHOULDER
25+192	+3.8	-4.0
25+200	+3.8	-2.92
25+212.5	+3.8	-1.229
	TO	
25+220	+3.8	-1.229
25+240	+3.8	-4.0

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	M. Cerveny	APR 2005
CHECKED	J. Harden	
REVISIONS		
FIELD CHANGES		

PLANS

Filename: ...\te\plonset\005_Typical_004.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

WELLS
ROUTE 109

NOT TO SCALE

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	NH - 7998(20)E	6	138
				PIN 7998.20		

EARTHWORK SUMMARY

	ALTERNATIVE 1: ALL HMA		ALTERNATIVE 2: PMRAP	
COMMON EXCAVATION FOR ESTIMATE				
COMMON EXCAVATION (FROM CROSS SECTIONS)	34,890		31,304	
EARTH FROM DRIVES, OLD ROAD, ETC.	1,935		1,935	
GRUBBING IN FILL	256		256	
PAVEMENT SALVAGE IN FILL	0		0	
TOTAL COMMON EXCAVATION		37,081		33,495
FILL FOR BORROW CALCULATIONS				
COMMON FILL (FROM CROSS SECTIONS)	4,869		4,869	
COMMON FILL (FROM DETOUR REMOVAL)	1,977		1,977	
GRUBBING IN FILL	256		256	
PAVEMENT SALVAGE IN FILL	0		0	
TOTAL FILL		7,102		7,102
AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS				
(1) TOTAL COMMON EXCAVATION		37,081		33,495
DEDUCTIONS:				
GRUBBING IN CUT	4,107		4,107	
GRUBBING IN FILL	256		256	
PAVEMENT SALVAGE (CUT & FILL)	3,586		0	
(2) TOTAL DEDUCTIONS		7,949		4,363
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)		29,132		29,132
TOTAL AVAILABLE STRUCT. EXCAVATIONS (USUALLY UNDERDRAIN ONLY)		2,702		2,702
TOTAL AVAILABLE NON-ROCK EXCAVATION		31,834		31,834
COMPUTATION OF WASTE STORAGE & WASTE MATERIAL				
GRUBBING IN CUT	4,107		4,107	
GRUBBING IN FILL	256		256	
TOTAL WASTE MATERIAL TO BE WASTED		4,363		4,363
COMPUTATION FOR COMMON BORROW FOR ESTIMATE				
(3)TOTAL FILL		7,102		7,102
TOTAL AVAIL. NON-ROCK EXCAV.	31,834 x 0.85 = 27,059		31,834 x 0.85 = 27,059	
(4)TOTAL AVAILABLE EXCAVATION		= 27,059		= 27,059
SURPLUS AVAILABLE EXCAVATION = TOTAL AVAILABLE EXCAVATION MINUS TOTAL FILL		19,957		19,957
TOTAL SURPLUS MATERIAL = SURPLUS AVAILABLE EXCAVATION PLUS TOTAL WASTE MATERIAL TO BE WASTED		24,320		24,320
SURPLUS MATERIAL =	**24320 m3**		**24320 m3**	

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED		
CHECKED		
REVISIONS		
FIELD CHANGES		

PLANS

Filename: ...\te\plonset\006_Estimate001.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES

WELLS

ROUTE 109

SHEET 1 OF 1 AUGUSTA, MAINE

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	7	138

PIN 7998.20

STATION	CULVERT PIPE: RCP SIZE	RCP LENGTH	RCP CLASS	OPTION II SMOOTHLINED SIZE	OPTION II SMOOTHLINED LENGTH	OPTION II CORRUGATED SIZE	OPTION II CORRUGATED LENGTH	OPTION III SMOOTHLINED SIZE	OPTION III SMOOTHLINED LENGTH	OPTION III CORRUGATED SIZE	OPTION III CORRUGATED LENGTH	CATCH BASIN A1-C	B1-C	F3	F4	F5	F6		MANHOLE SHAPE 1	MANHOLE SHAPE 5	UNDERDRAIN TYPE B LENGTH	UNDERDRAIN TYPE B OUTLET	UNDERDRAIN TYPE C SMOOTHLINED SIZE	UNDERDRAIN TYPE C SMOOTHLINED LENGTH	UNDERDRAIN TYPE C CORRUGATED SIZE	UNDERDRAIN TYPE C CORRUGATED LENGTH	ELBOWS, TEES, WYES AND INLET GRATE UNITS DESCRIPTIONS	REMARKS
UNDERDRAIN																												
STA. 24+840.000, 5.055m RT. TO STA. 24+935.741, 5.055m RT.																					96.0							
STA. 24+935.741, 5.055m RT. TO STA. 24+940, 9.772m RT.																						6.5						WITH 45° ELBOW
STA. 25+060, 5.055m LT. TO STA. 25+120, 5.055m LT.																							300	59.0				
STA. 25+120, 5.055m LT. TO STA. 25+180, 5.055m LT.																							300	59.0				
STA. 25+180, 5.055m LT. TO STA. 25+240, 5.055m LT.																							300	59.0				
STA. 25+240, 5.055m LT. TO STA. 25+360, 5.055m LT.																					119.5							
STA. 25+514.500, 5.055m RT. TO STA. 25+585.000, 5.055m RT.																							300	70.0				
STA. 25+585.000, 5.055m RT. TO STA. 25+618.000, 5.055m RT.																					32.5							
STA. 25+682.200, 5.055m RT. TO STA. 25+730, 5.055m RT.																							450	46.0				
STA. 25+705, 5.055m LT. TO STA. 25+730, 5.055m LT.																							300	24.0				
STA. 25+730, 5.055m LT. TO STA. 25+760.00, 5.055m LT.																							300	29.0				
STA. 25+730, 5.055m RT. TO 25+756.00, 5.055m RT.																							300	25.0				
STA. 25+756.000, 5.055m RT. TO STA. 25+775.000, 5.055m RT.																							300	18.0				
STA. 25+760.000, 5.055m LT. TO STA. 25+775.000, 5.055m LT.																							300	14.0				
STA. 25+775, 5.055m LT. TO STA. 25+782, 5.055m LT.																							300	6.0				
STA. 25+775, 5.055m RT. TO STA. 25+782, 5.055m RT.																							300	6.0				
STA. 25+782, 5.055m LT. TO STA. 25+810, 5.055m LT.																					26.5							
STA. 25+782, 5.055m RT. TO STA. 25+810, 5.055m RT.																					26.5							
STA. 25+820.000, 5.055m RT. TO STA. 25+910.000, 5.055m RT.																					90.5							
STA. 25+910.000, 5.055m RT. TO STA. 26+010.600, 5.055m RT.																							300	99.5				
STA. 25+980, 5.055m LT. TO STA. 26+025.935, 5.055m LT.																					45.5							
STA. 26+010.000, 5.055m RT. TO STA. 26+025.935, 5.055m RT.																							450	14.0				
STA. 26+025.935, 5.055m LT. TO STA. 26+090.000, 5.055m LT																							300	63.0				
STA. 26+025.935, 5.055m RT. TO STA. 26+035.000, 5.055m RT.																							300	8.0				
STA. 26+035, 5.055m RT. TO STA. 26+100, 5.055m RT.																							300	64.0				
STA. 26+090, 5.055m LT. TO STA. 26+180.000, 5.055m RT.																							300	89.0				
STA. 26+100, 5.055m RT. TO STA. 26+160, 5.055m RT.																							300	59.0				
STA. 26+160, 5.055m RT. TO STA. 26+240, 5.055m RT.																					79.5							
STA. 26+180, 5.055m LT. TO STA. 26+240, 5.055m LT.																					59.5							
STA. 26+265, 5.055m LT. TO STA. 26+310.000, 5.055m LT.																							375	44.0				
STA. 26+265, 5.055m RT. TO STA. 26+350.000, 5.055m RT.																					84.5							
STA. 26+310, 5.055m LT. TO STA. 26+415.000, 5.055m LT.																							375	104.0				
STA. 26+350, 5.055m RT. TO STA. 26+430.000, 5.055m RT.																							300	79.0				
STA. 26+430, 5.055m RT. TO STA. 26+520, 5.055m RT.																							300	89.0				
STA. 26+520, 5.055m RT. TO STA. 26+606.137, 5.055m RT.																							300	85.0				
STA. 26+610, 5.055m LT. TO STA. 26+660, 5.055m LT.																					49.5							
STA. 26+700, 5.055m LT. TO STA. 26+793.000, 5.055m LT.																							300	92.0				
STA. 26+847, 5.055m LT. TO STA. 26+890, 5.055m LT.																							450	42.0				
STA. 26+890, 5.055m LT. TO STA. 26+920, 5.055m LT																							300	29.0				
STA. 26+920, 5.055m LT. TO STA. 26+966, 5.055m LT																							300	45.0				
STA. 26+966, 5.055m LT. TO STA. 27+040, 5.055m LT																							300	73.0				
STA. 27+040, 5.055m LT. TO STA. 27+090, 5.055m LT.																					49.5							
STA. 27+249.000, 5.055m RT. TO STA. 27+368, 5.055m RT.																					118.5							
STA. 27+249, 5.055m LT. TO STA. 27+340, 5.753m LT.																							450	90.0				
STA. 27+368.000, 5.055m LT. TO STA. 27+450.000, 5.055m LT.																							300	81.0				
STA. 27+380, 5.055m RT. TO STA. 27+460, 5.055m RT.																							300	79.0				
STA. 27+450, 5.055m LT. TO STA. 27+520, 5.055m LT.																					69.5							
STA. 27+460.000, 5.055m RT. TO STA. 27+490.000, 5.055m RT.																							300	29.0				
STA. 27+490.000, 5.055m RT. TO STA. 27+520.000, 5.055m RT.																					29.5							
STA. 27+640, 5.055m LT. TO STA. 27+695, 5.055m LT.																							300	54.0				
STA. 27+695.000, 5.055m LT. TO STA. 27+740.000, 5.055m LT.																							300	44.0				
STA. 27+740, 5.055m LT. TO STA. 27+775, 5.055m LT.																					34.5							
STA. 27+780, 5.055m LT. TO STA. 27+870, 5.055m LT.																					89.5							
STA. 27+870, 5.055m LT. TO STA. 27+959.5, 5.055m LT.																							300	88.5				

PROJECT DESIGN ENGINEER
DESIGN-DETAILED BY M.M. DATE -----
CHECKED BY M.P. DATE -----
REVISIONS DATE -----
FIELD CHANGES
PLANS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DRAINAGE SHEET

WELLS

Route 109

SHEET 1 OF 3 AUGUSTA, MAINE

Filename: ...\te\plonset\007_Drainage001.dgn Username: $(WIN_USERNAME) Date:6/2/2011
Division: $(WKGROUP)

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	8	138

PIN 7998.20

STATION (600)	CULVERT PIPE: RCP SIZE	RCP LENGTH	RCP CLASS	OPTION I SMOOTHLINED SIZE	OPTION I SMOOTHLINED LENGTH	OPTION I CORRUGATED SIZE	OPTION I CORRUGATED LENGTH	OPTION III SMOOTHLINED SIZE	OPTION III SMOOTHLINED LENGTH	OPTION III CORRUGATED SIZE	OPTION III CORRUGATED LENGTH	CATCH BASIN A1-C	B1-C	F3	F4	F5	F6		MANHOLE SHAPE 1	MANHOLE SHAPE 5	UNDERDRAIN TYPE B LENGTH	UNDERDRAIN TYPE B OUTLET	UNDERDRAIN TYPE C SMOOTHLINED SIZE	UNDERDRAIN TYPE C SMOOTHLINED LENGTH	UNDERDRAIN TYPE C CORRUGATED SIZE	UNDERDRAIN TYPE C CORRUGATED LENGTH	ELBOWS, TEES, WYES AND INLET GRATE UNITS DESCRIPTIONS	REMARKS
ROADWAY CULVERTS																													
STA. 24+808.970, 12.68m LT. TO STA. 24+815.335, 14.04m RT.								600	27.5																				
STA. 24+817.290, 17.34m RT. TO STA. 24+822.517, 28.23m RT.	600	12.0	III																										
STA. 25+027.081, 10.97m LT. TO STA. 25+015.532, 11.81m RT.	1500	27.5	III																										
STA. 25+055.832, 10.34m LT. TO STA. 25+060, 5.055m LT.								300	6.5																				
STA. 25+376.116, 9.3m LT. TO STA. 25+372.553, 9.9m RT.	450	20.0	III																										
STA. 25+428.072, 10.8m LT. TO STA. 25+422.808, 9.0m RT.	450	21.0	III																										
STA. 25+514.500, 5.055m RT. TO STA. 25+510.000, 35.33m RT.								450	30.0																				
STA. 25+514.500, 9.300m LT. TO STA. 25+514.500, 5.055m RT.								450	13.5																				
STA. 25+682.162, 5.055m RT. TO STA. 25+683.250, 25.4m RT.								450	20.5																				
STA. 25+729.090, 8.7m RT. TO 25+730.000, 5.055m RT.								300	4.0																				
STA. 25+730, 5.055m LT. TO 25+730.00, 5.055m RT.	450	9.0	III																										
STA. 25+760, 5.055m LT. TO 25+760.00, 7.342m LT.								300	1.5																				
STA. 26+008, 19.1m RT. TO STA. 26+010, 5.055m RT.	450	13.5	III																										
STA. 26+025.935, 5.055m RT. TO STA. 26+025.935, 5.055m LT	450	9.0	III																										
STA. 26+265, 9.2m LT. TO STA. 26+265, 5.055m LT.								375	3.5																				
STA. 26+415, 5.055m LT. TO STA. 26+420, 9.3m LT.								375	7.0																				
STA. 26+600.100, 9.2m LT. TO STA. 26+606.137, 5.055m RT.	600	15.5	III																										
STA. 26+606.137, 5.055m RT. TO STA. 26+610.159, 14.139m RT.								600	10.0																				
STA. 26+660, 5.055m LT. TO STA. 26+700.000, 5.055m RT.								300	39.0																				
STA. 26+781.214, 9.708m RT. TO STA. 26+793, 5.055m LT.	450	18.5	III																										
STA. 26+793, 5.055m LT. TO STA. 26+798.437, 12.192m LT.								450	8.5																				
STA. 26+838.958, 9.6m LT. TO STA. 26+842.227, 4.1m LT.																												7.0m LONG X 1220mm TALL X 1830mm WIDE CONC. BOX CULVERT	
STA. 26+847.958, 4.1m RT. TO STA. 26+851.139, 8.7m RT.																												6.0m LONG X 1220mm TALL X 1830mm WIDE CONC. BOX CULVERT	
STA. 26+839.90, 9.4m LT. TO STA. 26+847.03, 5.055m LT.								450	8.0																				
STA. 26+890, 5.055m LT. TO STA. 26+895.000, 9.698m LT.								450	7.0																				
STA. 27+127.411, 11.0m LT. TO STA. 27+127.411, 10.6m RT.	600	21.5	III																										
STA. 27+249.000, 5.055m RT. TO STA. 27+249.000, 9.5m RT.								450	4.0																				
STA. 27+249, 5.055m LT. TO STA. 27+249, 5.055m RT.	450	9.0	III																										
STA. 27+249, 8.955m LT. TO STA. 27+249, 5.055m LT.								450	3.0																				
STA. 27+340, 5.753m LT. TO STA. 27+368, 5.055m LT.	450	27.0	III																										
STA. 27+380.000, 5.055m RT. TO STA. 27+380.000, 13.0m RT.								300	7.5																				
STA. 27+525.381, 10.3m LT. TO STA. 27+532.457, 9.4m RT.	450	21.0	III																										
STA. 27+630.116, 8.151m LT. TO STA. 27+640, 5.055m LT.								300	10.0																				
STA. 27+959.5, 5.055m LT. TO STA. 27+986.377, 13.0m LT.	450	27.0	III																										
STA. 27+986.377, 13.000m LT. TO STA. 27+992.773, 12.2m RT.	600	25.5	III																										
STA. 27+986.377, 13.0m RT. TO STA. 18+035, 5.7m RT.								600	19.5																				
STA. 18+169.800, 4.677m RT. TO STA. 18+169.847, 3.832m LT.	750	8.5	III																										
STA. 9+011.500, 8.30m LT. TO STA. 9+011.500, 8.60m RT.	750	17.0	III																										
STA. 10+009.420, 8.0m LT. TO STA. 10+009.420, 7.0m RT.	750	15.0	III																										
DRIVE PIPES																													
24+769.0				375	11.5																								
25+166.8				450	12.0																								
26+510.0				450	11.5																								
26+543.0				450	10.5																								
26+583.0				450	12.5																								
26+947.0				375	23.5																								
26+960.0				450	12.0																								
27+010.0				450	9.0																								
27+176.0				375	12.0																								
27+267.0				375	10.0																								
27+290.0				375	8.5																								
27+560.0				375	12.0																								
27+565.0				375	10.0																								
27+665.0				375	12.0																								
27+711.0				375	15.0																								
27+731.0				375	16.5																								
27+803.0				375	12.5																								
18+085.0				600	10.0																								
18+164.0				600	8.5																								

PROJECT DESIGN ENGINEER
DESIGN-DETAILED
CHECKED
REVISIONS
FIELD CHANGES
PLANS

BY	DATE
M.M.	-----
M.P.	-----
-----	-----
-----	-----

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DRAINAGE SHEET

WELLS

Route 109

SHEET 2 OF 3 AUGUSTA, MAINE

Filename: ...\te\plonset\008_Drainage002.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	9	138

PIN 7998.20

STATION	CULVERT PIPE: RCP SIZE	RCP LENGTH	RCP CLASS	OPTION II SMOOTHLINED SIZE	OPTION II SMOOTHLINED LENGTH	OPTION II CORRUGATED SIZE	OPTION II CORRUGATED LENGTH	OPTION III SMOOTHLINED SIZE	OPTION III SMOOTHLINED LENGTH	OPTION III CORRUGATED SIZE	OPTION III CORRUGATED LENGTH	CATCH BASIN A1-C	CB B1-C	CB F3	CB F4	CB F5	CB F6	CB	MANHOLE SHAPE 1	MANHOLE SHAPE 5	UNDERDRAIN TYPE B LENGTH	UNDERDRAIN TYPE B OUTLET	UNDERDRAIN TYPE C SMOOTHLINED SIZE	UNDERDRAIN TYPE C SMOOTHLINED LENGTH	UNDERDRAIN TYPE C CORRUGATED SIZE	UNDERDRAIN TYPE C CORRUGATED LENGTH	ELBOWS, TEES, WYES AND INLET GRATE UNITS DESCRIPTIONS	REMARKS
CATCH BASINS																													
B1 25+060.0, LT 5.055m													1																
B2 25+120.0, LT 5.055m													1																
B3 25+180.0, LT 5.055m													1																
B4 25+240.0, LT 5.055m													1																
B5 25+514.5, RT 5.055m													1																
B6 25+585.0, RT 5.055m													1																
B7A 25+682.2, RT 5.055m													1.4																
B7D 25+705.0, LT 5.7m													1																
B7C 25+729.05, RT 8.7m													1																
B7 25+730.0, RT 5.055m													1																
B7B 25+730.0, LT 5.055m													1																
B8 25+756.0, RT 5.055m													1																
B9 25+760.0, LT 5.055m																	1											WITH 600mm SUMP	
B9A 25+760.0, LT 7.342m																	1											WITH 300mm SUMP, AND D GRATE	
B10 25+775.0, LT 5.055m																	1											WITH 600mm SUMP	
B11 25+775.0, RT 5.055m																	1											WITH 600mm SUMP	
B12 25+782.0, RT 5.055m																	1											WITH 600mm SUMP	
B13 25+782.0, LT 5.055m																1												WITH 600mm SUMP	
B14 25+910.0, RT 5.055m													1																
B15 26+010, RT 5.055m													1																
B16 26+025.935, RT 5.055m													1																
B17A 26+025.935, LT 5.055m													1																
B17 26+035.0, RT 5.055m													1																
B18 26+090, LT 5.055m																1												WITH 600mm SUMP	
B16A 26+100, RT 5.055m																1												WITH 600mm SUMP	
B18B 26+160, RT 5.055m													1																
B18A 26+180, LT 5.055m													1																
B19 26+265.0, LT 5.055m													1																
B20 26+310, LT 5.055m													1																
B20A 26+350, RT 5.055m													1																
B20E 26+415.0, LT 5.055m													1																
B20B 26+430, RT 5.055m													1																
B20C 26+520, RT 5.055m													1																
B20D 26+606.137, RT 5.055m													1															INSTALL 1500mm TYPE B1-C	
B21A 26+660.0, LT 5.055m													1																
B21B 26+700.0, LT 5.055m													1																
B21C 26+793.0, LT 5.055m													1.2															INSTALL 1800mm TYPE B1-C	
B21 26+847.0, LT 5.055m													1.2																
B22 26+890.0, LT 5.055m													1															WITH FLAT TOP	
B23 26+920.0, LT 5.055m													1																
B24 26+966.0, LT 5.055m													1																
B25 27+040.0, LT 5.055m													1																
B25A 27+249.0, RT 5.055m													1																
B26 27+249.0, LT 8.95m																1													
B27 27+249.0, LT 5.055m													1																
B28 27+340.0, LT 6.0m													1																
B29 27+368.0, LT 5.055m													1																
B30 27+380.0, RT 5.055m													1																
B29A 27+450.0, LT 5.055m													1																
B31 27+460.0, RT 5.055m													1																
B31A 27+490.0, RT 5.055m													1																
B32 27+640.0, LT 5.055m													1																
B33 27+695.0, LT 5.055m													1																
B34 27+740.0, LT 5.055m													1																
B35 27+870.0, LT 5.055m													2.2																
B36 27+959.5, LT 13.0m													1																
B37 27+986.377, LT 5.055m													1																

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	M.M.	------
CHECKED	M.P.	------
REVISIONS	-----	-----
FIELD CHANGES	------	------

PLANS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DRAINAGE SHEET

WELLS

Route 109

SHEET 3 OF 3 AUGUSTA, MAINE

Filename: ...\te\plonset\009_Drainage003.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	NH - 7998(20)E	10	138

PIN 7998.20

GENERAL NOTES:

1. THE UTILITIES INVOLVED IN THIS CONTRACT ARE AS FOLLOWS:
   CENTRAL MAINE POWER
   GRANITE STATE GAS TRANSMISSION. INC.
   MARITIMES NORTHEAST PIPELINE
   UNITIL
   TIME WARNER CABLE
   NORTHERN NEW ENGLAND TELEPHONE OPERATIONS LLC

2. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITIES UNLESS OTHERWISE NOTED.

3. NOTE NOT USED.

4. CLEARING LIMITS SHALL BE 3.0 m BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT.

5. STUMPS HAVE BEEN ESTIMATED TO BE REMOVED UNDER ITEM 201.24 REMOVE STUMP. HOWEVER, WHERE DIRECTED BY THE RESIDENT, ITEM 631.20 STUMP CHIPPER RENTAL, MAY BE USED TO REMOVE STUMPS.

6. GRUBBING IN FILL AREAS HAS BEEN SHOWN ON THE CROSS SECTIONS AND THE QUANTITIES NOTED. THESE LIMITS ARE APPROXIMATE AND HAVE BEEN USED FOR ESTIMATING PURPOSES ONLY. ACTUAL GRUBBING LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE RESIDENT. ESTIMATED GRUBBING DEPTHS ARE 150 mm IN FIELD AREAS AND 300 mm IN WOODED AREAS.

7. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES UNLESS OTHERWISE NOTED ON THE PLANS.

8. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN WASTE AREAS APPROVED BY THE RESIDENT.

9. REQUIRED DITCH PROTECTION SHOWN ON THE PLANS OR IN THE CONSTRUCTION NOTES IS FOR ESTIMATING PURPOSES ONLY. THE ACTUAL TYPE AND LOCATION OF DITCH PROTECTION MAY BE ALTERED BY THE RESIDENT.

10. IF FOUNDATION MATERIAL IS REQUIRED UNDER CULVERTS, IT SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW - UNDERWATER BACKFILL AND WILL BE PAID FOR AS GRANULAR BORROW.

11. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 300 mm ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW UNDERWATER BACKFILL.

12. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 50 mm HOT MIX ASPHALT AND 300 mm AGGREGATE SUBBASE COURSE GRAVEL.

13. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 75 mm HOT MIX ASPHALT AND 275 mm AGGREGATE SUBBASE COURSE GRAVEL.

14. UNPAVED ENTRANCES SHALL BE CONSTRUCTED WITH 350 mm AGGREGATE SUBBASE COURSE GRAVEL OR 275 mm AGGREGATE SUBBASE COURSE GRAVEL AND 75 mm UNTREATED AGGREGATE SURFACE COURSE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

15. CRUSHED STONE ENTRANCES SHALL BE CONSTRUCTED WITH 300 mm AGGREGATE SUBBASE COURSE GRAVEL AND 50 mm CRUSHED STONE SURFACE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

16. GRASSED ENTRANCES SHALL BE CONSTRUCTED WITH 300 mm AGGREGATE SUBBASE COURSE GRAVEL AND 50 mm LOAM, SEED & MULCH UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

17. A 900 mm PAVED LIP SHALL BE PLACED AT ALL GRAVEL ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

18. EXISTING CULVERTS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER ITEM 631.32 CULVERT CLEANER (INCLUDING OPERATOR).

19. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.

20. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.

21. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTHLINED PIPES.

22. ANY NECESSARY CUTTING OF EXISTING PIPES TO FIT IN AREAS OF PROPOSED CATCH BASINS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 604.

23. ALL CONNECTIONS FOR UNDERDRAIN (U.D.) TO ROADWAY CULVERTS WILL BE INCIDENTAL TO U.D. PIPE ITEMS.

24. A 900 mm X 900 mm SQUARE RIPRAP PAD SHALL BE CONSTRUCTED AT U.D. OUTLETS.

25. GUARDRAIL END TREATMENTS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF EACH SECTION OF BEAM GUARDRAIL.

26. ALL EXISTING GUARDRAIL SHALL BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.

27. TWO REFLECTORIZED FLEXIBLE G.R. MARKERS (ITEM 606.353) WILL BE INSTALLED AT EACH GUARDRAIL END. A DELINEATOR POST (ITEM 606.356) WILL BE INSTALLED AT EACH UNDERDRAIN OUTLET.

28. A DELINEATOR POST (ITEM 606.356) WILL BE INSTALLED AT THE END OF EACH SECTION OF BITUMINOUS CURB.

29. UNLESS OTHERWISE NOTED SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS; SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL NON-GUARDRAIL SLOPES. SEEDING METHOD NO. 3 SHALL BE UTILIZED ON ALL GUARDRAIL FILL SLOPES. ON LONG NON-GUARDRAIL BACKSLOPES. SEEDING METHOD NO. 3 MAY BE USED INSTEAD OF METHOD NO. 2 IF NOTED OR DIRECTED BY THE RESIDENT.

30. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 100 mm IN LAWN AREAS AND 50 mm IN ALL OTHER AREAS UNLESS OTHERWISE NOTED OR DIRECTED.

31. WHITE PAVEMENT/CURB MARKING (ITEM 627.75) SHALL BE APPLIED TO BITUMINOUS CURB ENDS AT DRIVEWAY OPENINGS AS DIRECTED BY THE RESIDENT.

32. ANY BASE PAVEMENT NOT SURFACED BEFORE WINTER WILL REQUIRE TEMPORARY PAVEMENT MARKINGS OF PAINT, BOTH YELLOW CENTERLINE AND WHITE EDGE LINES AND WILL BE CONSIDERED PART OF ITEM 627.76

33. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK; IT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

34. ANY DAMAGE TO THE SLOPES CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.

35. PLANS OF PREVIOUSLY CONSTRUCTED PROJECTS ARE AVAILABLE ON REQUEST. THESE PROJECTS ARE: 7998.10

36. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION AREAS.

37. ESTIMATED QUANTITIES FOR REQUIRED STRUCTURAL EARTH EXCAVATION, DRAINAGE AND MINOR STRUCTURES ARE INFORMATIONAL ONLY AND REPRESENT THE APPROXIMATE MINIMUM QUANTITY REQUIRED TO INSTALL DRAINAGE STRUCTURES. ADDITIONAL EXCAVATION FOR THE CONTRACTOR'S CONVENIENCE OR TO COMPLY WITH BACKSLOPING REQUIREMENTS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE RELATED DRAINAGE ITEMS.

38. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.

39. STATIONS REFERENCED ARE APPROXIMATE.

40. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, FEBRUARY, 2008.

41. PLACE 300mm GRAVEL AND 50mm HOT MIX ASPHALT AROUND CATCH BASINS IN GRASSED AREAS (900mm OUTSIDE OF FRAME) AND PAINT WITH ACRYLIC LATEX COLOR FINISH - GREEN. PAYMENT SHALL BE UNDER THE APPLICABLE CONTRACT ITEMS.

42. THE CONTRACTOR IS RESPONSIBLE FOR TRANSFERRING THE EXISTING STRIPING PATTERN TO THE SURFACE COURSE.

43. THE CLEARING AND SELECTIVE CLEARING AND THINNING LINES SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY. THE ACTUAL LINES FOR CLEARING AND THINNING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AND APPROVED THE RESIDENT.

44. ALL FENCE REMOVAL, SMALL HEADWALL REMOVALS AND STONE REMOVALS REFERENCED ON THE PLAN SHEETS WILL BE INCIDENTAL TO ITEM 203.20 COMMON EXCAVATION.

45. ROADWAY CROSS CULVERTS SHALL CONSIST OF REINFORCED CONCRETE PIPE (RCP) ONLY, UNLESS OTHERWISE SPECIFIED OR DIRECTED BY THE RESIDENT ENGINEER.

46. REMOVAL AND DISPOSAL OF EXISTING DRAINAGE AS SHOWN ON THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER SHALL BE INCIDENTAL TO 603 ITEMS.

47. ACRYLIC LATEX COLOR FINISH GREEN (ITEM 658.20) SHALL BE PLACED AROUND CATCH BASINS IN GRASS AREAS.

PROJECT DESIGN ENGINEER		BY	DATE
PLANS	DESIGN-DETAILED	LCG	MDS	---
	CHECKED	AG	---	$(PF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

Filename: ...\te\plonset\010_GenNotes001.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

WELLS

ROUTE 109

SHEET 1 OF 1 AUGUSTA, MAINE

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	11	138

PIN 7998.20

CONSTRUCT GRAVEL DRIVE	WIDTH
24+740.000, RT	
24+769.000, RT	

ITEM * 201.11 CLEARING

STA. 24+720.0 TO STA. 24+780.0	LT
STA. 24+720.0 TO STA. 24+737.0	RT
STA. 24+769.5 TO STA. 24+780.0	RT

FENCE REMOVAL

STA. 24+742.0 TO STA. 24+754.0 RT

ITEM * 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP

STATION	OFFSET	TREE	STUMP
24+731.2	9.4m RT	800mm MAPLE	800mm
24+736.9	10.6m RT	TWIN 400mm MAPLE	400mm
24+742.3	10.1m RT	320mm MAPLE	320mm
24+745.8	10.0m RT	800mm MAPLE	800mm
24+760.2	9.6m RT	600mm PINE	600mm

ITEM * 610.08 PLAIN RIPRAP	WIDTH	LENGTH
STA. 24+763.1, RT	1.13m	1.69m
STA. 24+774.7, RT	1.13m	1.69m

CURVE 1

PI = 24+743.220
Δ = 01° - 33' - 45.3" Lt.
R = 4100.000 m
L = 111.816 m
T = 55.911 m
E = 0.381 m

MAURICE L. FENDERSON
EVELYN A. FENDERSON
TM 54 L 7
PP 89
17.5± AC.(OWNER)

PROPOSED CONSTRUCTION
PROJECT NO. NH-7998(10)E
SLOPE LIMIT

PROPOSED CONSTRUCTION
PROJECT NO. NH-7998(10)E
CLEARING LINE

PROPOSED CONSTRUCTION
PROJECT NO. NH-7998(10)E

PCC = STA 24+687.308

P.I.

30 MM IRON PROP PIPE

NYNEX178/CMP/155

WARNING,HERBICIDES,BRUSH

16/NYNEX/180/CMP/156

CMP/J157/181/NETT

C38

C39

FWD-2800

300mm UD TYPE C

150mm UD TYPE B

300mm OPT III

Route 109

24+600 24+620 24+640 24+660 24+680 24+700 24+720 24+740 24+760 24+780

8+000

MEETING HOUSE RD.

760± S.F.

TEMP.

CONST. LTS.

N 51°-10'-18.9" E
8+020
Meeting House Road
8+028

STONE WALL,170 mm+280 mm

150± S.F.

635± S.F.

CONST.

LIMITS

1085± S.F.

125± S.F.

165± S.F.

670± S.F.

930± S.F.

CLEAR TO SLOPE LINE

REMOVE

R=5m

37.5mm OPT I

1.8m

3.6m

CURVE 1

3.6m

1.8m

MIXED WOODS

MIXED GROWTH

LAWN

GRAVEL DRIVEWAY

CONCRETE WALKWAY

2 STORY RES. #1717

2 STORY UNFINISHED RES. #1737

SHED

UTILITY POLE

20M REBAR RLS1530,100 mmAG

CMP/159/16/183/NETT

EXISTING OUTLET DRAINAGE STRUCTURE STA. 24+710.0 RT.

PROPOSED CONSTRUCTION
PROJECT NO. NH-7998(10)E
SLOPE LINE AND CLEARING LINE

GARY N. UDALL
IRENE M. BROOKS
TM 55 L 10A
PP 90
TA = 1.27± AC.

STA 24+700.000
BEGIN APPROACH
MATCH EXISTING PAVEMENT

STA 24+715.000
END APPROACH
END PROJECT NO. NH-7998(10)E
BEGIN PROJECT NO. NH-7998(20)E
BEGIN REHABILITATION -
CORE PRESERVATION

ANGEL M. KELLY
TM 55 L 10
PP 91
TA = 1.45± AC.

PROJECT DESIGN ENGINEER		BY	DATE
DESIGN-DETAILED	LCG	MGS	---
CHECKED	AG	---	$IPDF_CHECKDATE$
REVISIONS	---	---	$revdate$
FIELD CHANGES			

PLANS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 1 OF 20 AUGUSTA, MAINE

Filename: ...\te\planset\011_HDPlan21.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	12	138

PIN 7998.20

CONSTRUCT PAVED DRIVE
24+854.000, RT

CONSTRUCT GRAVEL DRIVE
24+872.000, LT (WOODLOT ENTRANCE)
24+920.000, RT

STONE WALL REMOVAL
STA. 24+846.0 TO STA. 24+851.2 LT
STA. 24+856.4 TO STA. 24+868.4 LT
STA. 24+905.0 TO STA. 24+916.0 RT
STA. 24+922.2 TO STA. 24+943.4 RT
STA. 24+946.2 TO STA. 24+974.5 RT

FENCE REMOVAL
STA. 24+856.5 TO STA. 24+880.0 RT

PT = STA 24+799.124

Route 109
N 27° - 59' - 50.0" W

24+780 24+800 24+820 24+840 24+860 24+880 24+900 24+920 24+940 24+960 24+980

FWD-2600

76°35'45"

600mm RCP CLASS III

1.8m 3.6m 3.6m 1.8m

150mm UD TYPE B

R=5m R=3m

REMOVE

SLOPE LIMIT

CLEARING LINE

RAISE & REMOVE

EXIST. R.O.W.

0.11± AC.

0.06± AC.

0.15± AC.

PROP. ELEV. AT DRIVE EDGE = 54.75

GRADE GRAVEL DRIVE AT 8%

GRADE GRAVEL DRIVE AT 7%

REMOVE 895± S.F.

1320± S.F.

INSTALL 600mm X 10.0m RCP CLASS III
STA. 24+817.729, 18.25m RT TO STA. 24+821.691, 26.53
INV. IN = 53.801
INV. OUT = 53.757

OUTLET DRAINAGE STRUCTURES
STA. 24+811.0 TO STA. 24+826.6 RT.

OWNER REPORTS APPROX. 20FT DEPTH

JULIE-ANN LIBBY
TM 54 L 8
PP 92

JULIE-ANN LIBBY
TM 54 L 8A
PP 92-1

PAUL PELLETIER
CARLA PELLETIER
TM 61 L 22A
PP 93

POND MATCH LINE

INSTALL 600mm X 4.5m OPT I
IN LOCATION OF EXISTING 365mm CMP
AT EXISTING INVERTS
INV. IN = 53.460
INV. OUT = 53.383

ITEM * 613.319 EROSION CONTROL BLANKET
STA. 24+780 TO STA. 24+820, LT
STA. 24+880 TO STA. 24+980, LT
STA. 24+923 TO STA. 24+980, RT

ITEM * 201.11 CLEARING
STA. 24+780.0 TO STA. 24+870.0 LT
STA. 24+780.0 TO STA. 24+811.0 RT
STA. 24+815.0 TO STA. 24+852.0 RT
STA. 24+854.0 TO STA. 24+860.0 RT
STA. 24+887.0 TO STA. 24+917.0 RT
STA. 24+873.0 TO STA. 24+980.0 LT
STA. 24+923.0 TO STA. 24+980.0 RT

ITEM * 610.08 PLAIN RIPRAP	WIDTH	LENGTH
STA. 24+808.3, LT	1.8m	2.7m
STA. 24+815.3, RT	1.8m	5.0m
STA. 24+822.0, RT	1.8m	2.7m
STA. 24+939.9, RT	0.9m	0.9m

REMOVAL OF BUILDING
STA. 24+883 RT., ITEM NO. 202.0802,
REMOVAL OF BUILDING NO. 2, 1 STORY GARAGE

PROJECT DESIGN ENGINEER		BY	DATE
	DESIGN-DETAILED	LCC	MJS
	CHECKED	AC	---
PLANS	REVISIONS	---	---
	FIELD CHANGES		

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 2 OF 20 AUGUSTA, MAINE

Filename: ...\te\plonset\012_HDPlan22.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

Filename: ...\te\planset\013_HDPlan23.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	LCG	---
CHECKED	AG	---
REVISIONS	---	---
FIELD CHANGES		

PLANS

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	13	138

PIN 7998.20

STANLEY E. DODGE
PHYLLIS O. DODGE
TM 61 L 24
PP 95

ITEM # 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP

STATION	OFFSET	TREE	STUMP
25+120.9	8.6m LT	300mm OAK	300mm
25+134.2	8.3m LT	300mm - 400mm MAPLE	300mm - 400mm
25+141.3	7.6m LT	300mm MAPLE	300mm
25+146.6	8.6m LT	400mm MAPLE	400mm
25+150.9	7.9m LT	300mm MAPLE	300mm
25+160.7	8.4m LT	400mm DECID.	400mm

ITEM # 610.08 PLAIN RIPRAP

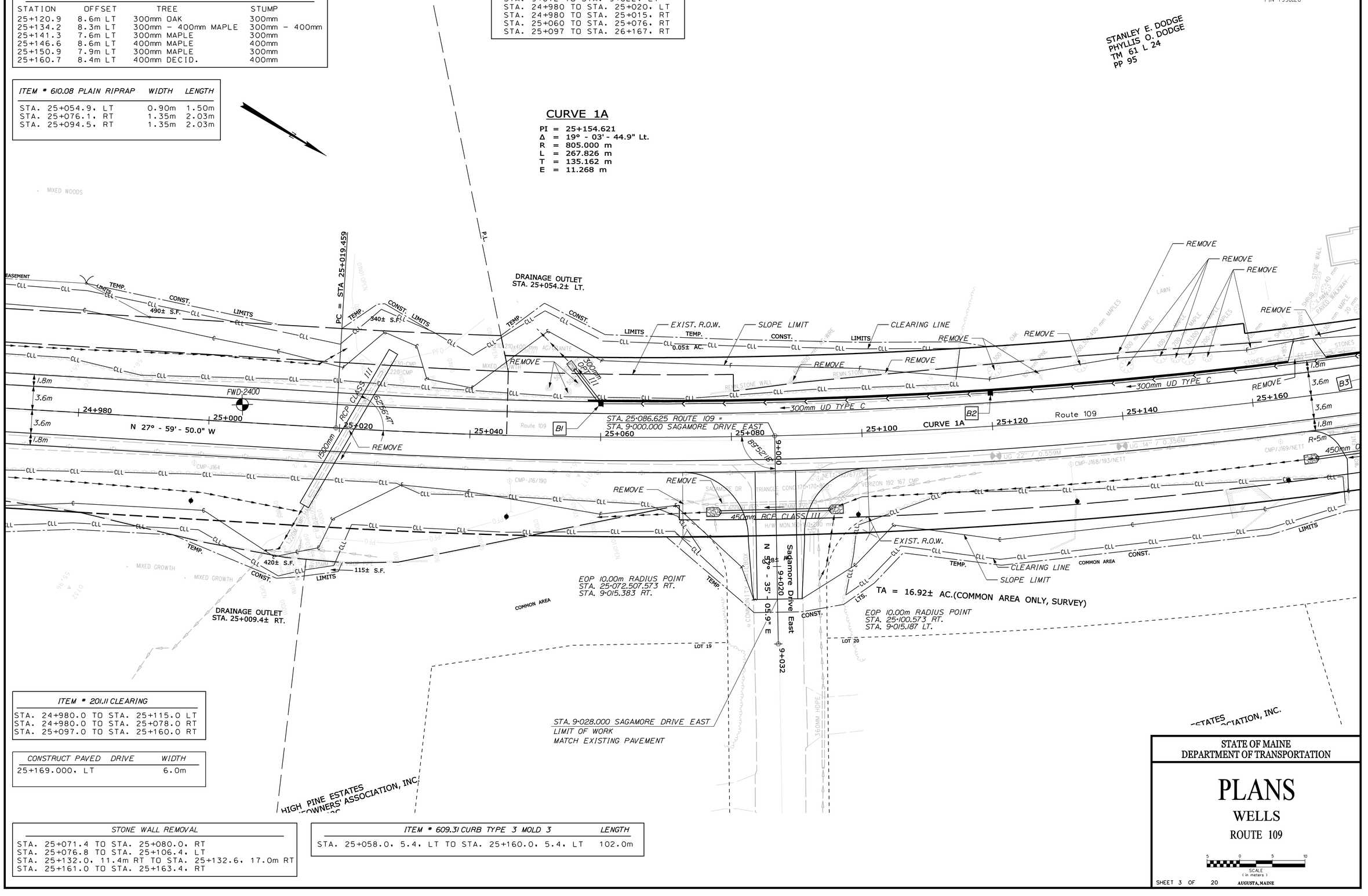
	WIDTH	LENGTH
STA. 25+054.9. LT	0.90m	1.50m
STA. 25+076.1. RT	1.35m	2.03m
STA. 25+094.5. RT	1.35m	2.03m

ITEM # 613.319 EROSION CONTROL BLANKET

STA. 9+012 TO STA. 9+022. LT
STA. 24+980 TO STA. 25+020. LT
STA. 24+980 TO STA. 25+015. RT
STA. 25+060 TO STA. 25+076. RT
STA. 25+097 TO STA. 26+167. RT

CURVE 1A

PI = 25+154.621
Δ = 19° - 03' - 44.9" Lt.
R = 805.000 m
L = 267.826 m
T = 135.162 m
E = 11.268 m



ITEM # 201.11 CLEARING

STA. 24+980.0 TO STA. 25+115.0 LT
STA. 24+980.0 TO STA. 25+078.0 RT
STA. 25+097.0 TO STA. 25+160.0 RT

CONSTRUCT PAVED DRIVE	WIDTH
25+169.000. LT	6.0m

STONE WALL REMOVAL

STA. 25+071.4 TO STA. 25+080.0. RT
STA. 25+076.8 TO STA. 25+106.4. LT
STA. 25+132.0. 11.4m RT TO STA. 25+132.6. 17.0m RT
STA. 25+161.0 TO STA. 25+163.4. RT

ITEM # 609.31 CURB TYPE 3 MOLD 3

	LENGTH
STA. 25+058.0. 5.4. LT TO STA. 25+160.0. 5.4. LT	102.0m

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 3 OF 20 AUGUSTA, MAINE

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	14	138

PIN 7998.20

STONE WALL REMOVAL
STA. 25+198.6 TO STA. 25+207.6, RT
STA. 25+230.0 TO STA. 25+238.0, RT
STA. 25+242.4 TO STA. 25+257.8, RT
STA. 25+271.0, 7.2m RT TO STA. 25+271.0, 10.2m RT

CONSTRUCT GRAVEL DRIVE	WIDTH
25+175.000, RT (WOODS ENTRANCE)	
25+198.000, LT (FIELD ENTRANCE)	6.0m

ITEM # 610.08 PLAIN RIPRAP	WIDTH	LENGTH
STA. 25+166.8, RT	1.35m	2.03m
STA. 25+180.0, RT	1.35m	2.03m
STA. 25+207.2, RT	1.35m	2.03m
STA. 25+223.8, RT	1.35m	2.03m

ITEM # 201.11 CLEARING
STA. 25+160.0 TO STA. 25+172.0 RT
STA. 25+176.0 TO STA. 25+208.0 RT
STA. 25+200.0 TO STA. 25+276.0 LT
STA. 25+224.0 TO STA. 25+272.0 RT

ITEM # 609.31 CURB TYPE 3 MOLD 3	LENGTH
STA. 25+160.0, 5.4, LT TO STA. 25+280.0, 5.4, LT	107.3

ITEM # 613.319 EROSION CONTROL BLANKET
STA. 10+010 TO STA. 10+020, RT
STA. 10+010 TO STA. 10+030, LT
STA. 25+182 TO STA. 25+207, RT
STA. 25+226 TO STA. 25+260, RT

CURVE 1A

PI = 25+154.621
Δ = 19° - 03' - 44.9" Lt.
R = 805.000 m
L = 267.826 m
T = 135.162 m
E = 11.268 m

CURVE 2

PI = 25+398.874
Δ = 08° - 30' - 32.8" Lt.
R = 1500.000 m
L = 222.768 m
T = 111.589 m
E = 4.145 m

CENTRAL MAINE POWER COMPANY
TM 47 L 12
POR 99

DAVID ... DODGE
MARYANN ME...
TM 61 L P/O
PP 101B

HIGH PINE ESTATES
HOMEOWNERS' ASSOCIATION, INC.
TM 61 L 22C
PP 97

REMOVE
SLOPE LIMIT
CLEARING LINE TO ROW STA. 25+216.134 ROUTE 109 = STA. 10+000.000 SAGAMORE DRIVE WEST
EXIST. R.O.W.
PCC = STA. 25+287.285
REMOVE & RESET GATE & BOULDERS BY OTHERS
EOP 10.00m RADIUS POINT STA. 25+202.095 RT. STA. 10+014.979 RT.
EOP 10.00m RADIUS POINT STA. 25+230.155 RT. STA. 10+014.968 LT.
STA. 10+030.000 SAGAMORE DRIVE WEST
LIMIT OF WORK
MATCH EXISTING PAVEMENT
Sagamore Drive West 10+020
N 48° - 02' - 17.3" E
TOTAL AREA = 4.31± AC.(SAGAI
300mm UD TYPE C
150mm UD TYPE B
450mm RCP CLASS III
450mm OPT
FWD-2200
90/218
CURVE 1A
CURVE 2
Route 109
B3
B4
R=5m
1.8m
3.6m
TEMP.
LIMITS
COMMON AREA
CONST.
LOT 33
LOT 1
P.L.
POWERLINE/GAS EASEMENT
CP-TEST GATE-WIRES
CATHODIC PROTECTION WIRES
CATHODIC,PROTECTION WIRES FOR GAS LINE
SM BOULDER WALL 1000MM
GRAVEL FIELD ENTRANCE
MIXED WOODS
LAWN
RES. #1852
1 STORY RES.
STONE WALL
STONES
SHRUB
MAPLE
CMP/JI69/NETT
CMP/170/195/NETT
CMP-JI72/197-NETT
TH#8 170mm GAS
UG 26" 0.660M
UG 24" / 0.610M
6" PLASTIC GAS MAIN
NETT/98
NET 197
35 MPH
600*700*700 mm
500*700*200 mm
600*800*400 mm
900*800*600 mm
#400± S.F.
250/200
140/126

ITEM # 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP

STATION	OFFSET	TREE	STUMP
25+171.6	8.8 LT	300mm MAPLE	300mm

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 4 OF 20 AUGUSTA, MAINE

PROJECT DESIGN ENGINEER		BY	DATE
	DESIGN-DETAILED	LCG	---
	CHECKED	MGS	---
PLANS	REVISIONS	AG	---
	FIELD CHANGES	---	---
		$PDT_CHECKDATE	$revdate$

Filename: ...\te\plonset\014_HDPlan24.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	15	138

PIN 7998.20

ITEM # 609.31 CURB TYPE 3 MOLD I	LENGTH
STA. 25+475.1, 10.7, LT TO STA. 25+500.0, 5.4, LT	28.9m
STA. 25+499.0, 5.4, RT TO STA. 25+540.0, 5.4, RT	33.4m

ITEM # 609.11 VERTICAL CURB TYPE I	LENGTH
STA. 25+488.0, 7.1, LT TO STA. 25+490.0, 7.1, LT	2.0m

ITEM # 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP			
STATION	OFFSET	TREE	STUMP
25+371.4	7.8m LT	500mm MAPLE	500mm
25+378.5	7.5m LT	800mm MAPLE	800mm
25+381.4	11.7m RT	600mm OAK	600mm
25+385.5	7.5m LT	900mm MAPLE	900mm
25+393.4	7.4m LT	600mm MAPLE	600mm

ITEM # 613.319 EROSION CONTROL BLANKET
STA. 25+362 TO STA. 25+372, RT
STA. 25+515 TO STA. 25+519, LT

STONE WALL REMOVAL
STA. 25+422.6, 7.6m RT TO
STA. 25+422.6, 16.4m RT
STA. 25+471.0 TO STA. 25+481.2, RT

CONSTRUCT PAVED DRIVE	WIDTH
25+390.000, RT	
25+467.000, LT	23.0m
25+489.000, RT	16.7m
25+504.000, LT	11.9m
25+520.000, RT	7.6m

ITEM # 610.08 PLAIN RIPRAP	WIDTH	LENGTH
STA. 25+372.2, RT	1.35m	2.03m
STA. 25+376.1, LT	1.35m	2.03m
STA. 25+421.5, RT	1.35m	6.60m
STA. 25+428.0, LT	1.35m	2.03m
STA. 25+509.5, RT	1.35m	2.03m
STA. 25+514.5, LT	1.35m	2.03m

ITEM # 201.11 CLEARING
STA. 25+356.0 TO STA. 25+377.0 RT
STA. 25+408.0 TO STA. 25+431.0 RT
STA. 25+420.0 TO STA. 25+458.0 LT
STA. 25+441.0 TO STA. 25+487.0 RT
STA. 25+505.0 TO STA. 25+513.0 RT
STA. 25+516.0 TO STA. 25+541.0 LT

ITEM # 606.23 GUARDRAIL TYPE 3C	LENGTH
STA. 25+407.646 TO STA. 25+427.915, 5.4m RT	20.3m
STA. 25+403.016, 13.4m RT TO 9.8m RT	3.6m
STA. 25+432.323, 9.8m RT TO 13.5m RT	3.6m

ITEM # 606.232 GUARDRAIL TYPE 3C OVER 4.5m RADIUS	LENGTH
STA. 25+403.017, 13.4m RT TO STA. 25+407.646, 5.4m RT	7.6m
STA. 25+427.915, 5.4m RT TO STA. 25+432.514, 13.4m RT	7.0m

ITEM # 606.258 CABLE RELEASING TERMINAL ANCHORAGE	EA
STA. 25+403.016 RT	1
STA. 25+432.514 RT	1

CURVE 2

PI = 25+398.874
Δ = 08° - 30' - 32.8" Lt.
R = 1500.000 m
L = 222.768 m
T = 111.589 m
E = 4.145 m

CURVE 25

PI = 17+035.416
Δ = 5° - 31' - 54.8" Lt.
R = 40.000 m
L = 3.862 m
T = 1.932 m
E = 0.047 m

CURVE 27

PI = 17+070.842
Δ = 8° - 22' - 01.8" Lt.
R = 30.000 m
L = 4.381 m
T = 2.194 m
E = 0.080 m

CONSTRUCT GRAVEL DRIVE
25+383.000, LT
25+437.000, RT

CONSTRUCT CRUSHED STONE DRIVE
25+414.000, LT

ROY L. WILSON, SR.
D/B/A WILSON STORE FIXTURES
ROY L. WILSON, JR.
TM 61 L 18
PP 102
TA = 5.00± AC.(DEED)

JOHN HOBBS
TM 61 L 17-7
PP 104
TA = 49,450± S.F.(SURVEY)

CAROLYN CARON
ROBERT P. CARON
TM 61 L 16
PP 105

T.A. 69085± S.F.
ESTATE OF CHARLES F. TRAFTON
JANE VECCHIO PERSONAL REPRESENTATIVE
JUDY GELCHIN
JAMES CLOUD
CHARLES F. TRAFTON, JR.
JOYCE VERMILLION
LARRY TRAFTON
ROBERT TRAFTON
DOROTHY HEATH
TAMMY ANDRULI
PP 104.1

TA = 24,832± S.F.(SURVEY)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 5 OF 20 AUGUSTA, MAINE

PROJECT DESIGN ENGINEER		BY	DATE
	DESIGN-DETAILED	LCC	MGS	---
	CHECKED	AG	---	$IPF_CHECKDATE$
PLANS	REVISIONS	---	---	$revdate$
	FIELD CHANGES			

Filename: ...\te\plonset\015_HDPlan25.dgn Username: $(WIN_USERNAME) Division: $(WKGROUP) Date:6/2/2011

ITEM * 606.23 GUARDRAIL TYPE 3C SINGLE RAIL	LENGTH
STA. 25+619.785, 6.0m LT TO STA. 25+697.600, 6.0m LT	77.8m

ITEM * 606.70 TRANSITION SECTION THRIE BEAM	EACH
STA. 25+632.483, 6.9m RT TO STA. 25+635.341, 6.9m RT	1
STA. 25+675.549, 6.9m RT TO STA. 25+678.406, 6.9m RT	1

ITEM * 606.65 GUARDRAIL - THRIE BEAM - SINGLE RAIL	LENGTH
STA. 25+635.341, 6.9m RT TO STA. 25+675.549, 6.9m RT	40.2m

ITEM * 606.79 GUARDRAIL 350 FLARED TERMINAL	EACH
STA. 25+608.116, 7.4m LT TO STA. 25+619.786, 6.0m LT	1
STA. 25+697.600, 6.0m LT TO STA. 25+709.372, 7.4m LT	1

ITEM * 610.08 PLAIN RIPRAP	WIDTH	LENGTH
STA. 25+683.3, RT	1.35m	2.03m

TA = 24,832± S.F.(SURVEY)

ITEM * 606.258 CABLE RELEASING TERMINAL ASSEMBLY	EACH
STA. 25+627.376 RT	1

ITEM * 201.11 CLEARING
STA. 25+591.0 TO STA. 25+618.0 RT
STA. 25+605.0 TO STA. 25+696.0 LT
STA. 25+633.0 TO STA. 25+650.0 RT
STA. 25+660.0 TO STA. 25+678.0 RT
STA. 25+680.0 TO STA. 25+694.0 RT

ITEM * 613.319 EROSION CONTROL BLANKET
STA. 17+036 TO STA. 17+080, RT
STA. 17+054 TO STA. 17+070, LT
STA. 17+100 TO STA. 17+133, LT
STA. 17+096 TO STA. 17+123, RT
STA. 25+683, RT

ITEM * 606.231 GUARDRAIL TYPE 3C 4.5m RADIUS AND LESS	LENGTH
STA. 25+678.262, 6.9m RT TO STA. 25+680.000, 12.4m RT	7.6m

ITEM * 606.232 GUARDRAIL TYPE 3C OVER 4.5m RADIUS	LENGTH
STA. 25+627.376, 11.2m RT TO STA. 25+632.483, 6.9m RT	7.1m
STA. 25+704.640, 6.0m LT TO STA. 25+709.000, 11.2m LT	7.6m

ITEM * 609.31 CURB TYPE 3 MOLD 1	LENGTH
STA. 25+540.0, 5.4, RT TO STA. 25+740.0, 5.4, RT	158.0m

ITEM * 609.31 CURB TYPE 3 MOLD 2 (100mm REVEAL)	LENGTH
STA. 25+620.0, 5.4, LT TO STA. 25+710.0, 5.4, LT	85.8

ITEM * 606.265 TERM END-SGL RAIL GALV. STEEL	EACH
STA. 25+680.000 RT	1

CONSTRUCT PAVED DRIVE	WIDTH
25+707.000, RT	6.0m
25+714.000, LT	
25+736.500, LT	7.0m
25+736.500, RT	9.5m

CONSTRUCT GRAVEL DRIVE	WIDTH
25+577.000, RT	7.9m
25+624.000, RT	6.0m
25+688.000, RT	7.4m

ITEM * 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP			
STATION	OFFSET	TREE	STUMP
25+559.0	11.8m RT	200mm - 500mm MAPLE	200mm - 500mm
25+591.2	13.8m LT	300mm DECID.	300mm
25+619.4	10.3m RT	350mm TWIN	350mm
25+619.6	10.5m RT	350mm TWIN CHERRY	350mm
25+721.3	8.8m LT	450mm MAPLE	450mm
25+729.0	8.4m LT	300mm MAPLE	300mm

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	16	138

PIN 7998.20

CURVE 30
PI = 17+126.191
Δ = 4° - 15' - 15.8" Lt.
R = 90.000 m
L = 6.683 m
T = 3.343 m
E = 0.062 m

CURVE 29
PI = 17+118.714
Δ = 11° - 53' - 07.5" Rt.
R = 40.000 m
L = 8.298 m
T = 4.164 m
E = 0.216 m
PC = STA 16+032.894

CURVE 25
PI = 17+035.416
Δ = 5° - 31' - 54.8" Lt.
R = 40.000 m
L = 3.862 m
T = 1.932 m
E = 0.047 m

CURVE 26
PI = 17+051.524
Δ = 13° - 50' - 31.237" Rt.
R = 40.000 m
L = 9.664 m
T = 4.855 m
E = 0.294 m

CURVE 27
PI = 17+070.842
Δ = 8° - 22' - 01.8" Lt.
R = 30.000 m
L = 4.381 m
T = 2.194 m
E = 0.080 m

CURVE 28
PI = 17+100.218
Δ = 8° - 24' - 23.2" Lt.
R = 30.000 m
L = 4.402 m
T = 2.205 m
E = 0.081 m

THOMAS G. MCDONOUGH
TM 61 L 28
PP 110

LINDA J. LORING
PAUL L. PORTRIE
PP 109.1
TA = 1566± AC.

GRANITE STATE GAS TRANSMISSION
TM 61 L 14
PP 111

STATE OF MAINE
D.O.T.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS
WELLS
ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 6 OF 20 AUGUSTA, MAINE

PROJECT DESIGN ENGINEER
DESIGN-DETAILED LCC
CHECKED AC
REVISIONS ---
FIELD CHANGES ---
PLANS

DATE	BY	$(IPF_CHECKDATE)
---	MJS	
---	---	
---	---	$revdate$

Filename: ...\te\plonset\016_HDPlan26.dgn Username: $(WIN_USERNAME) Date:6/2/2011 Division: $(WKGROUP)

NOTE: USE OF LAND AND BUILDING WITHIN AREA INDICATED RESERVED TO OWNER UNTIL NOVEMBER 30, 2011

LYNETTE MARY HILTON GRIFFIN DEWEY
KARL P. HILTON, JR. - LIFE ESTATE
TM 61 L 32
PP 121

PAUL A. CHASE, SR.
TM 61 L 31
PP 117

LESLIE D. ASTROWSKY
TM 61 L 10
PP 119

CURVE 3

PI = 25+887.798
Δ = 13° - 19' - 40.1" Lt.
R = 650.000 m
L = 151.199 m
T = 75.942 m
E = 4.421 m

PC = STA 25+811.855

Route 109 CURVE 3

25+740 25+760 25+780 25+800 25+820 25+840 25+860 25+880 25+900 25+920

REMOVE · RAISE & REMOVE · REMOVE CB AND PIPE · PLUG AND ABANDON PIPE · REMOVE FENCE · 300 mm UD TYPE C · 300mm UD TYPE C · 150mm UD TYPE B · 300mm UD TYPE C · 450mm RCP CLASS III · 300mm DPT III · 150mm UD TYPE B · FWD-1601 · EXIST. R.O.W. · SLOPE LIMIT · EXIST. R.O.W. · SLOPE LIMIT

B7C B8 B9 B9A B10 B11 B12 B13 B14

TEMP. CONST. LTS. LIMITS

1620± S.F. · 955± S.F. · 950± S.F. · 500± S.F. · 100± S.F. · 705± S.F. · 1785± S.F. · 0.05± AC. · 0.06± AC.

R=5m

3.6m · 1.8m

INLET DRAINAGE

PROJECT DESIGN ENGINEER		BY	DATE
	DESIGN-DETAILED	LCG	---
	CHECKED	AG	---
PLANS	REVISIONS	---	---
	FIELD CHANGES		

Filename: ...\te\plonse1\017_HDPlan27.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

CONSTRUCT GRAVEL DRIVE	WIDTH
25+763.000, RT (FIELD ENTRANCE)	6.0m
25+767.000, LT	6.0m
25+769.500, RT	6.0m
25+870.000, RT	14.0m
25+920.000, RT	8.4m
25+929.000, RT	6.0m

CONSTRUCT PAVED DRIVE	WIDTH
25+822.000, LT	
25+843.000, RT	6.0m
25+884.000, RT	7.0m

CONSTRUCT CRUSHED STONE DRIVE	WIDTH
25+816.000, RT	6.0m

REMOVAL OF BUILDING
STA. 25+780 LT., ITEM NO. 202.0803, REMOVAL OF BUILDING NO. 3, 2 STORY HOUSE

ITEM # 609.31 CURB TYPE 3 MOLD 1	LENGTH
STA. 25+740.0, 5.4, RT TO STA. 25+917.6, 5.4, RT	130.9

ITEM # 609.31 CURB TYPE 3 MOLD 3	LENGTH
STA. 25+740.0, 5.4, LT TO STA. 25+803.0, 5.4, LT	57.0m

ITEM # 613.319 EROSION CONTROL BLANKET
STA. 25+829 TO STA. 25+920, LT

ITEM # 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP

STATION	OFFSET	TREE	STUMP
25+741.1	7.9m LT		510mm
25+745.8	8.6m RT	1100mm ELM	1100mm
25+753.3	7.2m LT	300mm MAPLE	300mm
25+758.0	6.7m LT	900mm MAPLE	900mm
25+772.0	7.0m LT	900mm MAPLE	900mm
25+783.8	8.3m RT	1000mm MAPLE	1000mm
25+789.5	8.3m RT	1100mm ELM	1100mm
25+809.6	10.4m LT	700mm MAPLE	700mm
25+812.4	7.0m RT	1100mm MAPLE	1100mm
25+881.0	9.2m RT	900mm MAPLE	900mm
25+886.2	9.0m RT		800mm
25+889.0	10.0m RT	1500mm ELM	1500mm
25+894.9	8.3m RT	900mm MAPLE	900mm
25+914.3	7.2m RT	1000mm DECID.	1000mm

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE (in meters) 5 0 5 10

Filename: ...\te\plonset\018_HDPlan28.dgn Username: $(WIN_USERNAME) Date:6/2/2011
Division: $(WKGROUP)

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	LCG	---
CHECKED	AC	---
REVISIONS	---	---
FIELD CHANGES	---	$revdate$

PLANS

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	18	138

PIN 7998.20

ITEM # 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP

STATION	OFFSET	TREE	STUMP
25+940.3	7.5m RT	1100mm ELM	1100mm
25+963.4	7.1m RT	1000mm ELM	1000mm
25+964.8	4.1m RT	1000mm PINE	1000mm
26+000.5	12.5m RT	400mm OAK	400mm
26+001.7	14.8m RT	800mm DEAD	800mm
26+009.4	9.5m RT	800mm PINE	800mm
26+015.7	4.2m LT	900mm PINE	900mm
26+017.5	4.0m LT	700mm PINE	700mm
26+018.1	9.0m RT	300mm OAK	300mm
26+034.0	4.2m LT	800mm PINE	800mm
26+042.6	10.7m RT	1000mm PINE	1000mm
26+051.9	6.0m LT	400mm PINE	400mm
26+058.6	11.4m RT	1100mm PINE	1100mm
26+080.0	14.2m RT	900mm MAPLE	900mm

HILTON FAMILY LLC
TM 53 L 11
PP 124

ITEM # 609.31 CURB TYPE 3 MOLD 1 — LENGTH
STA. 25+917.6, 5.4, RT TO STA. 25+970.0, 5.4, RT — 38.1

ITEM # 609.31 CURB TYPE 3 MOLD 2 — LENGTH
STA. 25+984.0, 5.4, RT TO STA. 26+110.0, 5.4, RT — 108.6m

FENCE REMOVAL
STA. 25+983.0 TO STA. 25+998.8, RT
STA. 26+009.0 TO STA. 26+014.0, RT
(RESET TO R.O.W. LINE)

STONE WALL REMOVAL
STA. 26+057.2 TO STA. 26+061.8, LT
STA. 26+076.0 TO STA. 26+088.0, LT
STA. 26+103.0 TO STA. 26+120.0, RT

ITEM # 613.319 EROSION CONTROL BLANKET
STA. 25+920 TO STA. 25+996, LT
STA. 26+008, RT

ITEM # 201.11 CLEARING
STA. 26+053.0 TO STA. 26+061.0 LT
STA. 26+064.0 TO STA. 26+108.0 LT
STA. 26+103.0 TO STA. 26+120.0 RT
STA. 26+001.0 TO STA. 26+011.0 RT

CONSTRUCT PAVED DRIVE — WIDTH
25+980.000, RT — 14.0m

CONSTRUCT GRAVEL DRIVE — WIDTH
26+064.000, LT (WOODS/FIELD ENTRANCE)
26+077.000, RT — 6.0m
26+090.000, RT — 11.0m

ITEM # 610.08 PLAIN RIPRAP — WIDTH — LENGTH
STA. 26+008.1, RT — 1.35m — 2.03m

PT STA. 25+963.055 BACK =
PT STA. 25+963.150 AHEAD

OUTLET DRAINAGE STRUCTURE
STA. 25+980.0 TO STA. 26+000.0 LT.

1130± S.F. EASE.

SLOPE LIMIT, DRAINAGE, LIMITS, CONST. 0.06± AC., LIMITS, EXIST. R.O.W., REMOVE, 150mm UD TYPE B, 300mm UD TYPE C, FWD-1400, Route 109, N 68° - 53' - 47.8" W, END SIDEWALK STA. 25+970, B15, 450mm UD TYPE C, B16, 450mm CLASS III, B17, 300mm UD TYPE C, B17A, B18, B16A, R=2.5m, R=4.5m, R=5m, 1785± S.F., 170± S.F., 1765± S.F. CONST., TEMP. LIMITS, REMOVE AND RESET SIGN AND HANDICAP PARKING PAVEMENT STRIPING, 450mm OPT III, LTS., 0.15± AC., EASEMENT, DRAIN, 690± S.F., 135± S.F., REMOVE STONE WALL, CLEARING LINE, LOAM & SEED, WROUGHT, 125± S.F. CONST., TEMP. CONST. LTS., 65± S.F., SWAMP WATER SURFACE ELEVATION 08-04-2010, 08-04-2010, OUTLET DRAINAGE STRUCTURE STA. 25+998.2 TO STA. 26+015.8 RT., PC = STA 26+125.143

HIGH PINE BAPTIST CHURCH
TM 61 L 7.EXE
PP 125

RICHARD D. ROGERSON
M. ALAN HALL
TM 61 L 6
PP 126

CLEAR TO SLOPE LIMIT ONLY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 8 OF 20 AUGUSTA, MAINE

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	NH - 7998(20)E	19	138

PIN 7998.20

NICHOLAS A. ROWE
HOLLY A. ROWE
TM 61 L 33
PP 127

ROBERT W. MORGAN
TM 61 L 34A
PP 131
TA = 29.47± AC.

LOAM & SEED
CLEARING LINE
SLOPE LIMIT
RETAIN
REMOVE PAVEMENT
LOAM & SEED
REMOVE
EXIST. R.O.W.
REMOVE PIPE
AND HEADWALLS
R&R
BY OTHERS
FWD-1200
CURVE 4
Route 109
N 54° - 49' - 19.8" W
PC = STA 26+125.143
PT = STA 26+272.530
B18A
B18B
B19
B20
300mm UD TYPE C
150mm UD TYPE B
375 mm UD TYPE C
150 mm UD TYPE B
855± S.F.
680± S.F.
330± S.F.
705± S.F.
275± S.F.
295± S.F.
225± S.F.
0.05± AC.
TEMP.
CONST.
LTS.
LIMITS
P.L.
T.C.L.
R=5m
R=2.5m
1.8m
3.6m

ITEM * 613.319 EROSION CONTROL BLANKET
STA. 26+260 TO STA. 26+264. LT

STONE WALL REMOVAL
STA. 26+120.0 TO STA. 26+168.8. RT
STA. 26+157.0 TO STA. 26+165.2. LT
STA. 26+195.6 TO STA. 26+258.6. RT

ITEM * 201.11 CLEARING
STA. 26+120.0 TO STA. 26+158.0 RT
STA. 26+153.0 TO STA. 26+166.0 LT
STA. 26+169.0 TO STA. 26+195.0 LT

MARY F. ROBICHAUD
N/K/A MARY F. BRACKLEY
ROBERT E. BRACKLEY
TM 61 L 5

CURVE 4

PI = 26+199.209
Δ = 14° - 04' - 28.0" Rt.
R = 600.000 m
L = 147.387 m
T = 74.066 m
E = 4.554 m

SARAH M. ROBICHAUD
H. DARROCH HOLLINS
PP 129.1

CONSTRUCT PAVED DRIVE	WIDTH
26+273.000. RT	

CONSTRUCT GRAVEL DRIVE	WIDTH
26+130.000. LT	
26+168.000. LT (FIELD ENTRANCE)	
26+176.000. RT	
26+190.000. RT	
26+200.000. LT	
26+252.000. LT	
26+300.000. LT	

ITEM * 610.08 PLAIN RIPRAP	WIDTH	LENGTH
STA. 26+265.0. LT	1.13m	1.69m

ITEM * 201.23 & 201.24 REMOVE
SINGLE TREE TOP ONLY & STUMP

STATION	OFFSET	TREE	STUMP
26+215.0	13.0m LT	600mm MAPLE	600mm
26+223.9	8.1m RT	400mm TWIN MAPLE	400mm
26+229.3	10.9m LT	500mm MAPLE	500mm
26+246.7	10.8m LT	700mm MAPLE	700mm
26+258.4	7.5m LT	800mm OAK	800mm
26+292.5	8.5m LT	1000mm PINE	1000mm

MARIE E. ROBICHAUD
RUTH M. RIDLEY
BARBARA V. ROBICHAUD-LIFE ESTATE
TM 61 L 4
PP 129

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	LCG	---
CHECKED	MCS	---
REVISIONS	AG	$IPF_CHECKDATE$
FIELD CHANGES	---	---
	---	$revdate$

PLANS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE
(in meters)

SHEET 9 OF 20 AUGUSTA, MAINE

Filename: ...\te\plonset\019_HDPlan29.dgn Username: $(WIN_USERNAME) Date:6/2/2011
Division: $(WKGROUP)

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	20	138

PIN 7998.20

STONE WALL REMOVAL
STA. 26+421.8 TO STA. 26+471.8, LT
STA. 26+497.8 TO STA. 26+501.6, RT

ITEM # 201.11 CLEARING
STA. 26+365.0 TO STA. 26+506.0 LT
STA. 26+430.0 TO STA. 26+434.0 RT
STA. 26+490.0 TO STA. 26+510.0 RT

ITEM # 610.08 PLAIN RIPRAP	WIDTH	LENGTH
STA. 26+420.0, LT	1.13m	1.69m
STA. 26+501.8, LT	1.35m	2.03m

CONSTRUCT GRAVEL DRIVE	WIDTH
26+320.000, LT	
26+333.000, RT	
26+440.000, RT	
26+467.000, RT	
26+510.000, LT (WOODS ENTRANCE)	

CONSTRUCT PAVED DRIVE	WIDTH
26+360.000, RT	
26+386.000, RT	
26+420.000, RT	

ITEM # 613.319 EROSION CONTROL BLANKET
STA. 26+374 TO STA. 26+502, LT

ELLA M. HOWARD
TM 61 L 35
PP 132

RODNEY P. HATCH
TM 60 L 28
PP 134

EDWARD A. COOMBS
MILDRED N. COOMBS
TM 61 L 1
PP 136
TA = 38,330± S.F.

ROBERT E. WOODMAN
CONSTANCE M. WOODMAN
TM 61 L 3
POR 135-2 &133

ROBERT E. WOODMAN
CONSTANCE M. WOODMAN
TM 61 L 3
POR 135-1

ROBERT E. WOODMAN
CONSTANCE M. WOODMAN
TM 61 L 2
PP 135

N 54° - 49' - 19.8" W

ITEM # 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP			
STATION	OFFSET	TREE	STUMP
26+328.3	9.3m LT	500mm MAPLE	500mm
26+340.5	9.2m LT	500mm MAPLE	500mm
26+356.7	10.4m RT	400mm MAPLE	400mm
26+358.2	10.7m LT	300mm MAPLE	300mm
26+365.0	11.3m LT	300mm SPRUCE	300mm
26+365.7	9.8m RT	500mm ELM	500mm
26+371.7	9.5m RT	300mm DECID.	300mm
26+373.5	8.8m RT	300mm DECID.	300mm
26+374.0	8.9m RT	300mm DECID.	300mm
26+374.5	8.7m RT	300mm DECID.	300mm
26+374.5	9.5m RT	300mm DECID.	300mm
26+378.7	8.4m RT	500mm DECID.	500mm
26+382.1	9.4m RT	400mm - 500mm TWIN MAPLE	400mm - 500mm
26+398.4	8.5m RT	360mm TWIN MAPLE	360mm
26+407.3	10.5m RT	400mm MAPLE	400mm
26+410.9	9.3m RT	360mm MAPLE	360mm
26+447.0	9.4m RT	600mm TWIN MAPLE	600mm
26+455.1	9.8m RT	350mm MAPLE	350mm

PROJECT DESIGN ENGINEER		BY	DATE
	DESIGN-DETAILED	LCG	---
PLANS	CHECKED	MGS	---
	REVISIONS	AG	$\revdate$
	FIELD CHANGES	---	---

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 10 OF 20 AUGUSTA, MAINE

Filename: ...\te\planset\020_HDPlan30.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	NH - 7998(20)E	21	138

PIN 7998.20

FAYE B. SIMPSON
TM 60 L 34
PP 138

MARTIN E. MC
TM 60 L 29
POR 139

CURVE 9

PI = 11+018.826
Δ = 58° - 38' - 13.1" Rt.
R = 12.000 m
L = 12.281 m
T = 6.739 m
E = 1.763 m

CURVE 10

PI = 11+101.651
Δ = 19° - 09' - 52.2" Rt.
R = 230.000 m
L = 76.931m
T = 38.828 m
E = 3.254 m

EOP 18.00m RADIUS POINT
STA. 26+659.696 LT.
STA. 11+010.718 LT.

PC = STA 11+012.087

PT = STA 11+024.168

DRAINAGE OU
STA. 11+047.8

CLEARING LINE
SLOPE LIMIT
REMOVE
EXIST. R.O.W.
REMOVE STONE HW
REMOVE PAVEMENT
LOAM & SEED
REMOVE STONE WALL
CONST. CLEARING LINE
TEMP.
CONST.
LTS.
LIMITS
P.L.
T.C.L.
CLL
450mm OPT I
600mm OPT III
300mm OPT III
150 mm UD TYPE B
300 mm UD TYPE C
600mm RCP CLASS III
FWD-800
B20C
B20D
B21A
B21B
CURVE 5
CURVE 9
11+000
11+020
11+040
26+520
26+540
26+560
26+580
26+600
26+620
26+640
26+660
26+680
26+700
N 54° - 49' - 19.8" W
Route 109
0.07± AC.
45± S.F.
505± S.F.
900± S.F.
515± S.F.
780± S.F.
375± S.F.
1590± S.F.
190± S.F.
STA. 26+678.624 ROUTE 109 =
STA. 11+000.000 HIGH PINE LOOP ROAD SOUTH
PC = STA 26+601.795
OUTLET DRAINAGE STRUCTURE
P.C. STA. 26+601.795 TO STA. 26+623.0 RT.
MIXED/LARGE GROWTH
2 GRANITE STONE STEPS
GRANITE PAD
RES. #2219
RES. #2232
RES. #2265
RES. #2220

ITEM # 610.08 PLAIN RIPRAP

	WIDTH	LENGTH
STA. 26+515.1, LT	1.35m	2.03m
STA. 26+536.0, LT	1.35m	2.03m
STA. 26+548.3, LT	1.35m	2.03m
STA. 26+574.4, LT	1.35m	2.03m
STA. 26+588.7, LT	1.35m	2.03m
STA. 26+599.0, LT	1.80m	2.92m
STA. 26+610.1, RT	1.80m	2.92m

CONSTRUCT CRUSHED STONE DRIVE

	WIDTH
26+543.000, LT	

CONSTRUCT GRAVEL DRIVE

	WIDTH
26+547.000, RT	

CONSTRUCT PAVED DRIVE

	WIDTH
25+583.000, LT	
26+614.000, LT	

ITEM # 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP

STATION	OFFSET	TREE	STUMP
26+561.5	9.1m RT	360mm MAPLE	360mm
26+561.6	8.9m RT	300mm MAPLE	300mm
26+579.4	10.5m RT	400mm PINE	400mm
26+583.6	7.8m RT	350mm ELM	350mm
26+588.3	8.4m RT	360mm ELM	360mm
26+611.0	13.2m LT	800mm MAPLE	800mm
26+676.1	6.3m LT	750mm OAK	750mm
26+692.3	6.6m RT		1000mm
26+701.7	11.0m LT	300mm - 400mm DECID.	300mm - 400mm

MARY B. HATCH
TM 60 L 19
PP 137

ITEM # 201.11 CLEARING

STA. 26+512.0 TO STA. 26+540.0 LT
STA. 26+510.0 TO STA. 26+548.0 RT
STA. 26+545.0 TO STA. 26+579.0 LT
STA. 26+586.0 TO STA. 26+609.0 LT
STA. 26+604.0 TO STA. 26+652.0 RT
STA. 26+667.0 TO STA. 26+710.0 RT

STONE WALL REMOVAL

STA. 26+526.4 TO STA. 26+540.0, LT
STA. 26+558.4 TO STA. 26+577.2, LT
STA. 26+587.6 TO STA. 26+608.6, LT
STA. 26+688.6 TO STA. 26+691.0, LT

ITEM # 613.319 EROSION CONTROL BLANKET

STA. 11+010 TO STA. 11+042, LT
STA. 26+517 TO STA. 26+536, LT
STA. 26+551 TO STA. 26+574, LT
STA. 26+591 TO STA. 26+598, LT
STA. 26+600 TO STA. 26+609, LT
STA. 26+611 TO STA. 26+616, RT

CURVE 5

PI = 26+711.721
Δ = 15° - 10' - 44.9" Rt.
R = 825.000 m
L = 218.564 m
T = 109.926 m
E = 7.291 m

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 11 OF 20 AUGUSTA, MAINE

PROJECT DESIGN ENGINEER
PLANS

	BY	DATE
DESIGN-DETAILED	LCG	---
CHECKED	AG	---
REVISIONS	---	$IPF_CHECKDATE(E1)
FIELD CHANGES		$revdate1$

Filename: ...\te\planset\021_HDPlan31.dgn Username: $(WIN_USERNAME) Division: $(WKGROUP) Date:6/2/2011

ITEM * 606.232 GUARDRAIL TYPE 3C OVER 4.5m RADIUS	LENGTH
STA. 26+801.556, 10.8m RT TO STA. 26+806.210, 5.4m RT	7.8m

ITEM * 606.233 GUARDRAIL TYPE 3C SINGLE RAIL, 2.4m POSTS	LENGTH
STA. 26+806.210, 5.4m RT TO STA. 26+932.510 5.4m RT	126.2

ITEM * 606.265 TERM END-SGL RAIL GALV. STEEL	EACH
STA. 26+801.556 RT	1

METRIC
1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	22	138

PIN 7998.20

CURVE 10

PI = 11+101.651
Δ = 19° - 09' - 52.2" Rt.
R = 230.000 m
L = 76.931m
T = 38.828 m
E = 3.254 m

STA. 11+050.000 HIGH PINE LOOP ROAD SOUTH
LIMIT OF WORK
MATCH EXISTING PAVEMENT

PC = STA 11+062.822

PT = STA 26+820.359

N 39° - 38' - 34.9" W

TOWN OF WELLS
TM 60 L 21.EXE
PP 142 & 142A

ARTHUR F. COFFEREN, SR.
TM 60 L 20
PP 140

TA = 52353± S.F.

OUTLET DRAINAGE STRUCTURE
STA. 26+798.4± LT.

CURVE 5

PI = 26+711.721
Δ = 15° - 10' - 44.9" Rt.
R = 825.000 m
L = 218.564 m
T = 109.926 m
E = 7.291 m

ITEM * 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP			
STATION	OFFSET	TREE	STUMP
26+763.9	6.6m LT	350mm DEAD	350mm
26+783.1	12.1m LT	500mm MAPLE	500mm
26+783.2	11.3m LT	300mm MAPLE	300mm
26+784.2	11.4m LT	350mm MAPLE	350mm
26+841.2	11.7m LT	700mm MAPLE	700mm
26+857.1	11.6m LT	650mm PINE	650mm

ITEM * 609.31 CURB TYPE 3 MOLD 3	LENGTH
STA. 26+874.0, 5.4, LT TO STA. 26+910.0, 5.4, LT	36.0m

ITEM * 613.319 EROSION CONTROL BLANKET
STA. 26+895 TO STA. 26+900, LT

ITEM * 201.11 CLEARING
STA. 26+710.0 TO STA. 26+795.0 RT
STA. 26+788.0 TO STA. 26+833.0 LT
STA. 26+802.0 TO STA. 26+910.0 RT
STA. 26+877.0 TO STA. 26+910.0 LT

CONSTRUCT PAVED DRIVE	WIDTH
26+800.000, RT	

CONSTRUCT GRAVEL DRIVE	WIDTH
26+868.000, LT	

ITEM * 610.08 PLAIN RIPRAP	WIDTH	LENGTH
STA. 26+780.0, RT	1.35m	2.03m
STA. 26+798.3, LT	1.35m	2.03m
STA. 26+860.0, LT	1.20m	1.70m
STA. 26+838.6, LT	1.35m	4.00m
STA. 26+895.3, LT	1.35m	2.03m

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 12 OF 20 AUGUSTA, MAINE

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	LCG	---
CHECKED	MGS	$!PDF_CHECKDATE!
REVISIONS	AG	---
FIELD CHANGES	---	---
	---	$revdate!$

PLANS

Filename: ...\te\planset\022_HDPlan32.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	23	138

PIN 7998.20

MARIO J. GRASSO
CHARLOTTE B. GRASSO
TM 60 L 22
PP 143

TRUSTEES OF THE A & J REALTY TRUST
TM 60 L 22A
PP 145

PETER M. ARSENAULT
PATRICIA ARSENAULT
TM 60 L 22B
PP 146

CONSTRUCT GRAVEL DRIVE	WIDTH
26+947.000, LT	6.0m
26+960.000, LT	6.0m
26+960.000, RT	
27+010.000, RT	
27+098.000, LT	9.9m

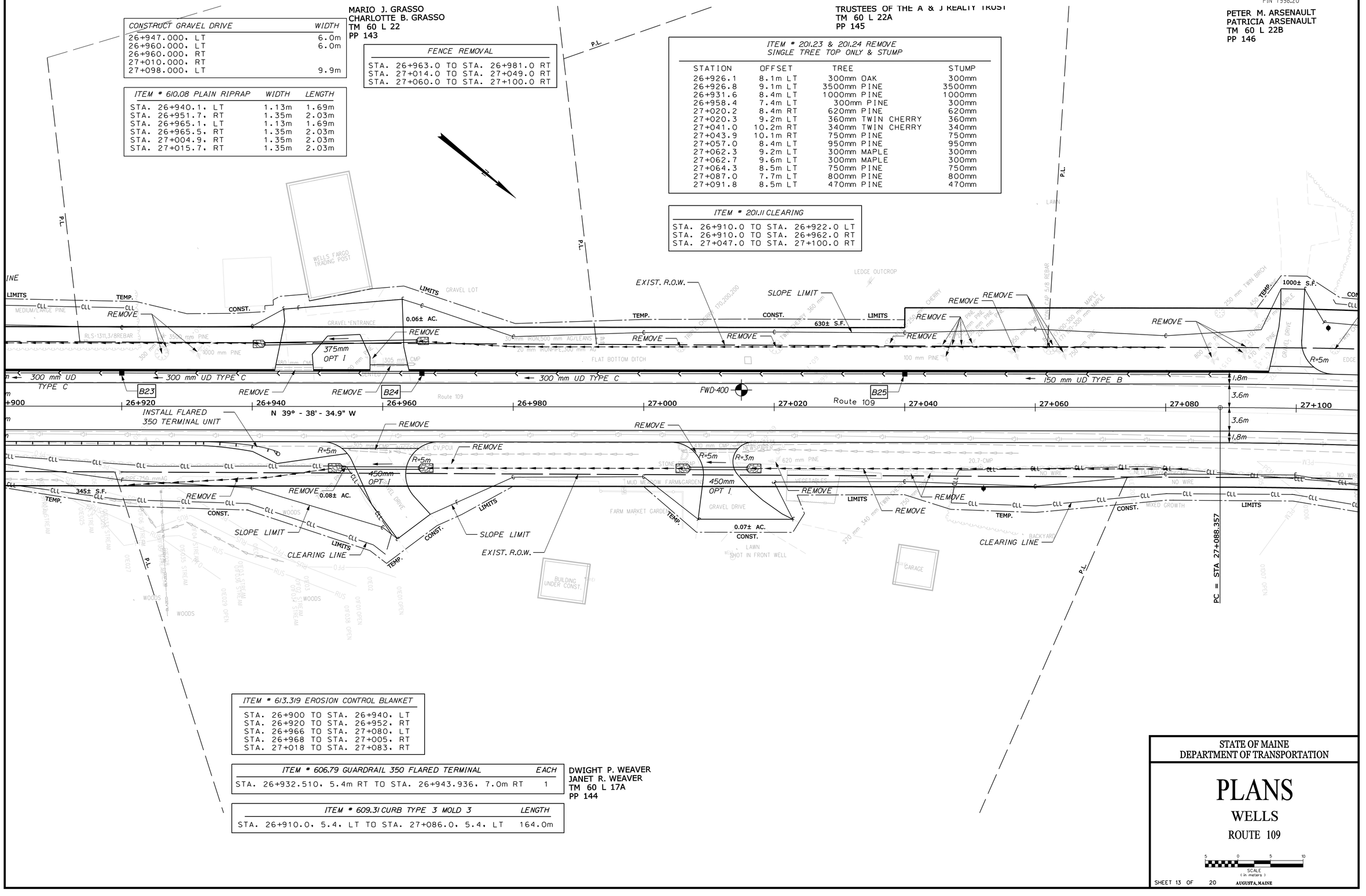
ITEM # 610.08 PLAIN RIPRAP	WIDTH	LENGTH
STA. 26+940.1, LT	1.13m	1.69m
STA. 26+951.7, RT	1.35m	2.03m
STA. 26+965.1, LT	1.13m	1.69m
STA. 26+965.5, RT	1.35m	2.03m
STA. 27+004.9, RT	1.35m	2.03m
STA. 27+015.7, RT	1.35m	2.03m

FENCE REMOVAL
STA. 26+963.0 TO STA. 26+981.0 RT
STA. 27+014.0 TO STA. 27+049.0 RT
STA. 27+060.0 TO STA. 27+100.0 RT

ITEM # 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP

STATION	OFFSET	TREE	STUMP
26+926.1	8.1m LT	300mm OAK	300mm
26+926.8	9.1m LT	3500mm PINE	3500mm
26+931.6	8.4m LT	1000mm PINE	1000mm
26+958.4	7.4m LT	300mm PINE	300mm
27+020.2	8.4m RT	620mm PINE	620mm
27+020.3	9.2m LT	360mm TWIN CHERRY	360mm
27+041.0	10.2m RT	340mm TWIN CHERRY	340mm
27+043.9	10.1m RT	750mm PINE	750mm
27+057.0	8.4m LT	950mm PINE	950mm
27+062.3	9.2m LT	300mm MAPLE	300mm
27+062.7	9.6m LT	300mm MAPLE	300mm
27+064.3	8.5m LT	750mm PINE	750mm
27+087.0	7.7m LT	800mm PINE	800mm
27+091.8	8.5m LT	470mm PINE	470mm

ITEM # 201.11 CLEARING
STA. 26+910.0 TO STA. 26+922.0 LT
STA. 26+910.0 TO STA. 26+962.0 RT
STA. 27+047.0 TO STA. 27+100.0 RT



ITEM # 613.319 EROSION CONTROL BLANKET
STA. 26+900 TO STA. 26+940, LT
STA. 26+920 TO STA. 26+952, RT
STA. 26+966 TO STA. 27+080, LT
STA. 26+968 TO STA. 27+005, RT
STA. 27+018 TO STA. 27+083, RT

ITEM # 606.79 GUARDRAIL 350 FLARED TERMINAL	EACH
STA. 26+932.510, 5.4m RT TO STA. 26+943.936, 7.0m RT	1

ITEM # 609.31 CURB TYPE 3 MOLD 3	LENGTH
STA. 26+910.0, 5.4, LT TO STA. 27+086.0, 5.4, LT	164.0m

DWIGHT P. WEAVER
JANET R. WEAVER
TM 60 L 17A
PP 144

PROJECT DESIGN ENGINEER			
DESIGN-DETAILED	LCG	MCS	---
CHECKED	AC	---	$IPST_CHECKDATE(1)
REVISIONS	---	---	$revdate$
FIELD CHANGES			$revdate$

PLANS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 13 OF 20 AUGUSTA, MAINE

Filename: ...\te\planset\023_HDPlan33.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	24	138

PIN 7998.20

ITEM # 610.08 PLAIN RIPRAP	WIDTH	LENGTH
STA. 27+127.3. LT	1.80m	2.92m
STA. 27+127.4. RT	1.80m	2.92m
STA. 27+168.4. RT	1.13m	1.69m
STA. 27+182.3. RT	1.13m	1.69m
STA. 27+249.2. RT	1.13m	2.15m
STA. 27+260.1. LT	1.13m	1.69m
STA. 27+271.5. LT	1.13m	1.69m
STA. 27+284.2. LT	1.13m	1.69m
STA. 27+294.0. LT	1.13m	1.69m

ITEM # 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP			
STATION	OFFSET	TREE	STUMP
27+232.9	10.4m LT	600mm PINE	600mm
27+237.4	11.9m LT	600mm PINE	600mm
27+247.1	9.6m LT		1500mm
27+272.5	12.0m LT	300mm MAPLE	300mm

ITEM # 201.11 CLEARING
STA. 27+100.0 TO STA. 27+114.0 RT
STA. 27+104.0 TO STA. 27+123.0 LT
STA. 27+123.0 TO STA. 27+174.0 RT
STA. 27+156.0 TO STA. 27+204.0 LT
STA. 27+180.0 TO STA. 27+201.0 RT

FENCE REMOVAL
STA. 27+100.0 TO STA. 27+133.2 RT
STA. 27+214.0 TO STA. 27+247.2 LT

CONSTRUCT GRAVEL DRIVE	WIDTH
27+176.000. RT	
27+207.000. RT	
27+240.000. RT	
27+257.000. RT	

T.A. 27,359± S.F.(CALC.)
DIMLAN, LLC
TM 60 L 25 & 26
PP 152 & 153

CLEARING LINE
SLOPE LIMIT
EXIST. R.O.W.
LIMITS
CONST.
REMOVE
TEMP.
CLEAR TO ROW
125± S.F.
0.05± AC.
0.13± AC.
395± S.F.
95± S.F.
45± S.F.
1205± S.F.
905± S.F.
1010±
OUTLET DRAINAGE STRUCTURE STA. 27+127.4 RT.
DRAINAGE OUTLET STA. 27+249.0 RT.
P.I.
P.L.
CURVE 6
PI = 27+202.140
Δ = 21° - 28' - 33.6" Rt.
R = 600.000 m
L = 224.896 m
T = 113.783 m
E = 10.694 m
27+100
27+120
27+140
27+160
27+180
27+200
27+220
27+240
27+260
27+280
27+300
600mm RCP CLASS III
450mm RCP CLASS III
B26
B27
B25A
37.5mm OPT 1
150 mm UD TYPE B
450 mm UD TYPE C
FWD-200
Route 109
R=5m
R=2m
EDGE LAWN/FIELD AREA
POSSIBLE FIELD ENTRANCE
STONE&MORTAR
GRAVEL DRIVE
DELINEATED WETLAND
LAWN
PAVED DR
MOBILE HOME ON FOUNDATION
RES. #2393 2 STORY
RES. #2409 1 STORY HOUSE
WELL STRUCTURE
SHED
FIELD
BUSHES AND GRASS
LILAC BUSH
MEDIUM BOULDERS
ROSE HEDGE 900 MM
GARDEN W/ STATUE
WATER GARDEN
FIELDSTONE
DECOR STONE BLOCK
LINE OF PAINTED ROCKS
ONE STY. WD SHED/SCREEN-HOUSE
125mm FRUIT TREE
1500mm MIXED SHRUBS
600mm LILAC BUSH
325mm MAPLE
350mm ELM
375mm MAPLE
75mm PINE
75mm MAPLE CRIMSON
600 mm PINE
900 mm PINE
700 mm
1200 mm FENCE
305 mm
380 mm AP
NETT4/20.4CMP
NETT-160/5/20.5/CMP
NETT3/203CMP
NETT2/CMP/20.2
JAMES E. WOODMAN
TM 60 L 23A
ANDREW D. DONOVAN
TM 60 L 16
PP 151
S & W PROPERT.
TM 60 L 15
PP 154

ITEM # 609.31 CURB TYPE 3 MOLD 3	LENGTH
STA. 27+247+0. 5.4. LT TO STA. 27+300.0. 5.4. LT	37.4m

CONSTRUCT PAVED DRIVE	WIDTH
27+267.000. LT	9.5m
27+290.000. LT	6.0m

ITEM # 613.319 EROSION CONTROL BLANKET
STA. 27+127. RT
STA. 27+249 TO STA. 27+260. LT
STA. 27+273 TO STA. 27+284. LT
STA. 27+296 TO STA. 27+300. LT

PROJECT DESIGN ENGINEER
PLANS
DESIGN-DETAILED — LCG
CHECKED — AG
REVISIONS — ---
FIELD CHANGES — ---

DATE	BY
---	MGS
$iPST_CHECKDATE(1)	---
$revdate$	---

Filename: ...\te\planset\024_HDPlan34.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 14 OF 20 AUGUSTA, MAINE

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	25	138

PIN 7998.20

LISABEN GRAVEL, LLC
TM 60 L 7
POR 156A

MARK E. PAQUETTE
TM 60 L 8A
POR 157

ROBERT C. HAMLYN
LORRAINE M. HAMLYN
MARCIA R. HAMLYN
TM 60 L 8B
PP 159 159-1 159-2
TA = 22± AC.(OWNER)

STA. 12+060.000 HIGH PINE LOOP ROAD NORTH
LIMIT OF WORK
MATCH EXISTING PAVEMENT

CURVE 11

PI = 12+019.924
Δ = 76° - 16' - 22.3" Lt.
R = 16.000 m
L = 21.299 m
T = 12.562 m
E = 4.342 m

ITEM # 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP

STATION	OFFSET	TREE	STUMP
12+013.9	2.6m LT	900mm PINE	900mm
12+016.4	21.9m RT	430mm CONIFEROUS	430mm
12+017.6	20.5m RT	500mm DEAD BROKEN	500mm
12+018.9	18.1m RT	500mm PINE	500mm
12+019.8	18.1m RT	300mm PINE	300mm
12+026.8	10.4m RT	420mm PINE	420mm
27+350.7	8.2m LT	600mm PINE	600mm
27+350.8	7.1m LT	450mm PINE	450mm
27+352.8	7.0m LT	700mm PINE	700mm
27+353.3	8.6m LT	300mm PINE	300mm
27+357.1	10.4m LT		800mm

ITEM # 201.11 CLEARING

STA. 27+328.0 TO STA. 27+369.0 RT
STA. 27+375.0 TO STA. 27+387.0 RT
STA. 27+376.0 TO STA. 27+467.0 LT
STA. 27+392.0 TO STA. 27+450.0 RT

CURVE 7

PI = 27+396.170
Δ = 03° - 09' - 59.0" Rt.
R = 3000.000 m
L = 165.792 m
T = 82.917 m
E = 1.146 m

STA. 27+349.575 ROUTE 109 =
STA. 12+000.000 HIGH PINE LOOP ROAD SOUTH

PCC = STA 27+313.258

PT = STA 27+479.045

DRAINAGE OUTLET
STA. 27+380.0 RT.

STA. 27+390.000, RT 19.4m
LIMIT OF WORK

ITEM # 610.08 PLAIN RIPRAP

	WIDTH	LENGTH
STA. 27+380.0. RT	0.90m	1.50m

CONSTRUCT PAVED DRIVE

	WIDTH
27+455.000. RT	11.0m
27+480.000. RT	6.0m
12+016.200. RT	

CONSTRUCT GRAVEL DRIVE

	WIDTH
27+295.000. RT	
27+320.000. RT	
27+372.000. RT	13.1
27+390.000. RT	12.6
12+027.600. RT	

ITEM # 609.31 CURB TYPE 3 MOLD 3

		LENGTH
STA. 27+299.0.	5.9m RT TO STA. 27+315.7.	5.4m RT 16.8m
STA. 27+300.0.	5.4m LT TO STA. 12+021.3.	4.3m LT 52.4m
STA. 27+378.0.	5.4m RT TO STA. 27+485.0.	5.4m RT 83.4m
STA. 12+011.0.	7.3m RT TO STA. 27+382.0.	5.4m LT 28.8m

ITEM # 613.319 EROSION CONTROL BLANKET

STA. 27+300 TO STA. 27+335, LT

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	LCG	MCS
CHECKED	AG	---
REVISIONS	---	---
FIELD CHANGES	---	---
PLANS	$IPS_CHECKDATE$	$revdate$

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 15 OF 20 AUGUSTA, MAINE

Filename: ...\te\planset\025_HDPlan35.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

Filename: ...\te\plonse1\026_HDPlon36.dgn Username: $(WIN_USERNAME) Division: $(WKGROUP) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY	DATE
	DESIGN-DETAILED	LCG	MGS	---
PLANS	CHECKED	AC	---	$(PEF_CHECKDATE1)
	REVISIONS	---	---	$revdate$
	FIELD CHANGES			

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	26	138

PIN 7998.20

ITEM # 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP

STATION	OFFSET	TREE	STUMP
27+502.5	8.5m LT	300mm TWIN MAPLE	300mm
27+503.8	7.8m LT	350mm MAPLE	350mm
27+503.9	8.7m LT	400mm TWIN MAPLE	400mm
27+506.6	9.8m LT	325mm TWIN MAPLE	325mm
27+564.5	14.3m RT	300mm CHERRY	300mm
27+567.7	9.4m LT	350mm OAK	350mm
27+572.0	11.7m RT	350mm CHERRY	350mm
27+576.7	11.3m RT	450mm PINE	450mm
27+597.1	8.6m LT	300mm PINE	300mm
27+598.3	8.2m LT	325mm PINE	325mm
27+599.5	9.2m LT	325mm PINE	325mm

ITEM # 609.31 CURB TYPE 3 MOLD 3 — *LENGTH*

STA. 27+485.0, 5.4, RT TO STA. 27+553.0, 5.4, RT 62.3m

ITEM # 609.31 CURB TYPE 3 MOLD 2 — *LENGTH*

STA. 27+638.0, 5.4, LT TO STA. 27+668.0, 5.4, LT 23.3m

CONSTRUCT GRAVEL DRIVE — *WIDTH*

27+512.000, RT
27+560.000, RT
27+649.000, LT (WOODS ENTRANCE) 6.0m
27+665.000, RT

CONSTRUCT PAVED DRIVE — *WIDTH*

27+565.000, LT

STONE WALL REMOVAL

STA. 27+605.0 TO STA. 27+641.0 RT

ITEM # 613.319 EROSION CONTROL BLANKET

STA. 27+523 TO STA. 27+525, LT
STA. 27+527 TO STA. 27+558, LT
STA. 27+532 TO STA. 27+552, RT
STA. 27+571 TO STA. 27+628, LT
STA. 27+566 TO STA. 27+657, RT

ITEM # 610.08 PLAIN RIPRAP — *WIDTH* — *LENGTH*

STA. 27+524.8, LT	1.35m	2.03m
STA. 27+532.4, RT	1.35m	2.03m
STA. 27+551.2, RT	1.13m	1.69m
STA. 27+557.9, LT	1.13m	1.69m
STA. 27+564.6, RT	1.13m	1.69m
STA. 27+569.5, LT	1.13m	1.69m
STA. 27+628.7, LT	0.90m	1.50m
STA. 27+657.1, RT	1.13m	1.69m
STA. 27+670.4, RT	1.13m	1.69m

ITEM # 201.11 CLEARING

STA. 27+511.0 TO STA. 27+520.0 LT
STA. 27+525.0 TO STA. 27+556.0 RT
STA. 27+569.0 TO STA. 27+646.0 LT
STA. 27+585.0 TO STA. 27+660.0 RT

CURVE 8

PI = 27+645.518
Δ = 14° - 29' - 46.5" Lt.
R = 700.000 m
L = 177.105 m
T = 89.028 m
E = 5.639 m

ROBERT C. HAMLYN
MARCIA R. HAMLYN
TM 60 L 8B
PP 159 159-1 159-2

FRANK NEAL
PP 162

ALLEN E. DOWNS, JR.
PP 163
TA = 1.66± AC.(DEED)

JAMES L. WIGGIN
TM 60 L 14-1
PP 160

TRICIA W. HAZLETT
TM 60 P/O L14-1

PC = STA 27+556.490
PT = STA 27+479.045

CLEARING LINE
DRAINAGE OUTLET STA. 27+523.6± LT.
SLOPE LIMIT
EXIST. R.O.W.
REMOVE
RETAIN
TEMP. CONST. LTS. 100± S.F.
TEMP. CONST. LTS. 315± S.F.
TEMP. CONST. LIMITS 455± S.F.
TEMP. CONST. LIMITS 650± S.F.
TEMP. CONST. LTS. 255± S.F.
TEMP. CONST. LTS. 145± S.F.
TEMP. CONST. LIMITS 935± S.F.
TEMP. CONST. LIMITS 805± S.F.
TEMP. CONST. LIMITS 700± S.F.
TEMP. CONST. LIMITS 285± S.F.
TEMP. CONST. LIMITS 140± S.F.
150 mm UD TYPE B
300 mm UD TYPE C
300 mm OPT III
375mm OPT I
450mm RCP CL III
REMOVE PIPE & HEADWALLS
CURVE 7 N 15° - 00' - 02.3" W
CURVE 8
Route 109
RT 109 NORTH (TO SANFORD)
B31A
B32
27+480
27+500
27+520
27+540
27+560
27+580
27+600
27+620
27+640
27+660
R=5m
T.C.L.
P.L.
CLL
CONST.
0.07± AC.
0.06± AC.
EXIST. R.O.W.
CLEARING LINE
OLD CEMETERY
MAIN CEMETERY ENTRANCE
GRAVEL PARKING CLEARING
ROSE COTTAGE 1.5 STY CAPE (HISTORIC)
2.5 STY NEW COLONIAL HOUSE
WELL HOUSE
WOODS ROAD
GRAVEL DRIVEWAY
PAVED DRIVEWAY
NYNEX 253 DD
B.A. 253 CMP
B.A. 254\227 CMP
NET 16\259 CMP
OLD FIELDSTONE FOUNDATION
OLD MEDIC FENCE POST PINE 1000MM
OLD FENCE POST(CUT OFF)
250 MM MAPLE TWIN
250 MM POPLAR
BAMBOO\OLD FIELD
NEWLY SEEDED LAWN
MEDIUM MIXED WOODS
MED-LG MIXED WOODS
FILLED IN WITH LEAVES\TRASH
MEDIUM MIXED TREES
LG FIELD STONE WALL
2500 MM APPLE
2500 MM SPIREA
1300 MM PINE
MAPLE CLUMP AVG. 125 MM
MAPLE 300 MM TWIN
MAPLE 350 MM
MAPLE 150 MM
MAPLE 325 MM TWIN
MAPLE 75 MM
PINE 800 MM
PINE 325 MM
PINE 300 MM
PINE 450 MM
PINE 550 MM
CHERRY 225 MM
CHERRY 250 MM
CHERRY 200 MM
CHERRY 175 MM
OAK 150 MM
OAK 500 MM
OAK 400 MM
OAK 300 MM
320MM OAK
3000 MM LILAC
COR. PL PIPE 375 MM
COR. PLASTIC PIPE 375 MM
CONC. PIPE 450 MM
CONC. PIPE 600 MM
CONC. PIPE 750 MM
300 MM CMP
450 MM CMP
600 MM CMP
750 MM CMP
900 MM CMP
1050 MM CMP
1200 MM CMP
1350 MM CMP
1500 MM CMP
1650 MM CMP
1800 MM CMP
1950 MM CMP
2100 MM CMP

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	27	138

PIN 7998.20

ITEM # 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP

STATION	OFFSET	TREE	STUMP
27+660.2	13.6m RT	500mm OAK	500mm
27+668.8	14.5m RT	300mm OAK	300mm
27+668.9	11.5m RT	550mm OAK	550mm
27+678.8	12.2m RT	600mm PINE	600mm
27+690.7	14.7m RT	550mm OAK	550mm
27+694.9	8.7m RT	550mm PINE	550mm
27+700.0	15.0m RT	400mm OAK	400mm
27+704.0	8.1m RT	425mm PINE	425mm
27+705.7	12.0m RT	425mm OAK	425mm
27+718.8	10.3m RT	700mm PINE	700mm
27+723.9	10.0m RT	550mm PINE	550mm
27+745.8	15.4m RT	850mm PINE	850mm
27+751.9	15.3m RT	650mm PINE	650mm
27+756.5	15.1m RT	550mm PINE	650mm
27+769.6	10.1m RT	650mm PINE	550mm
27+771.8	9.1m RT	450mm RED PINE	450mm
27+785.3	9.6m RT	500mm RED PINE	500mm
27+791.9	10.5m RT	525mm RED PINE	525mm
27+799.0	9.8m RT	400mm TWIN RED PINE	400mm

ITEM # 609.31 CURB TYPE 3 MOLD 3 — *LENGTH*

STA. 27+668.0, 5.4, LT TO STA. 27+860.0, 5.4, LT — 186.0m

ITEM # 610.08 PLAIN RIPRAP — *WIDTH* — *LENGTH*

STA. 27+702.1, RT	1.13m	1.69m
STA. 27+718.4, RT	1.13m	1.69m
STA. 27+721.9, RT	1.13m	1.69m
STA. 27+739.7, RT	1.13m	1.69m
STA. 27+794.9, RT	1.13m	1.69m
STA. 27+808.9, RT	1.13m	1.69m

LYNETTE M. DEWEY
DARIN D. HILTON
LANI L. HILTON KELLEY
PP 165
TA = 15± AC.(OWNER)

CONSTRUCT GRAVEL DRIVE — *WIDTH*

27+680.000, LT	6.0m
27+711.000, RT (FIELD ENTRANCE)	
27+731.000, RT (FIELD ENTRANCE)	

CONSTRUCT PAVED DRIVE — *WIDTH*

27+780.000, RT
27+803.000, RT

ITEM # 613.319 EROSION CONTROL BLANKET

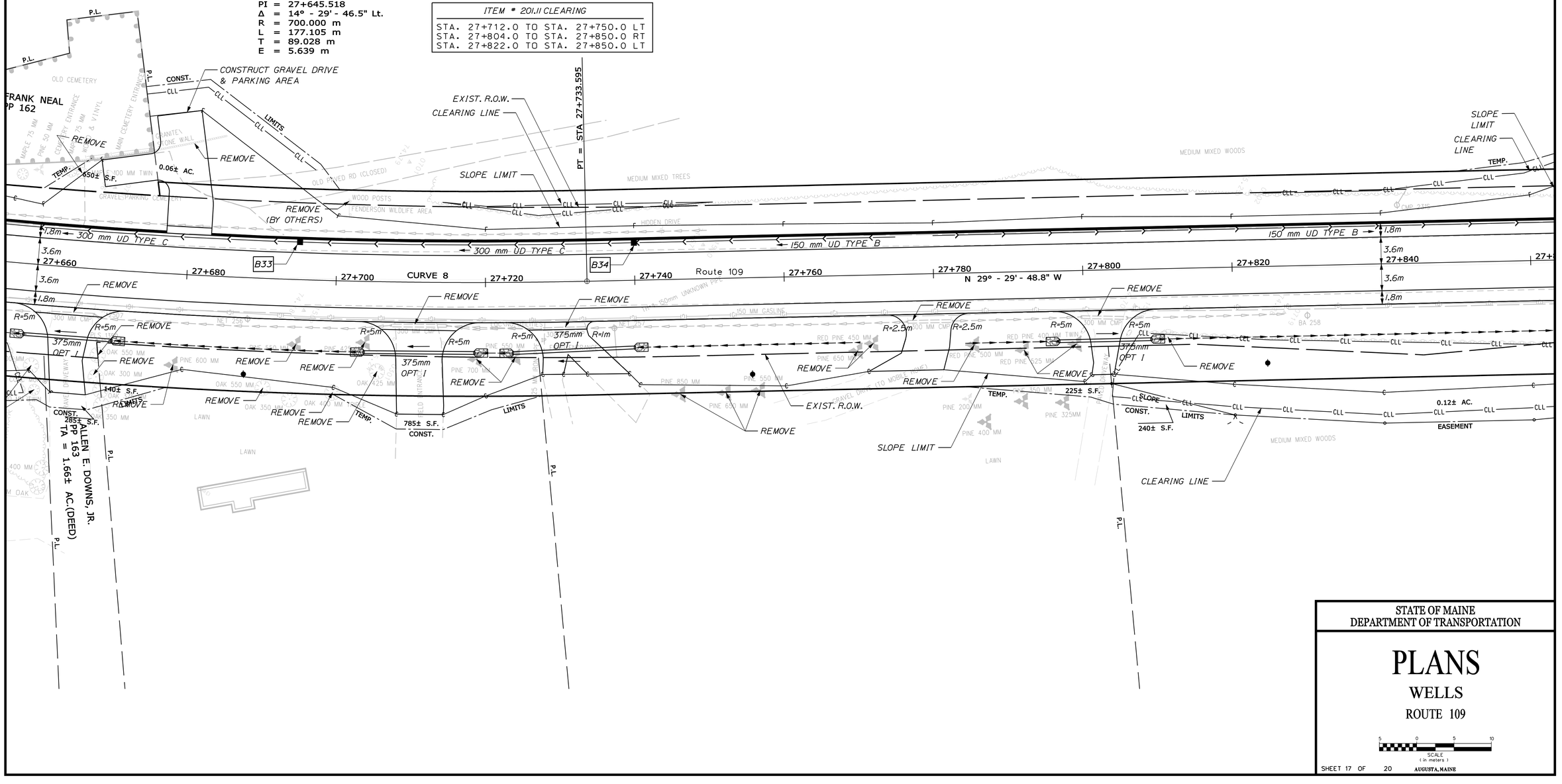
STA. 27+672 TO STA. 27+702, RT
STA. 27+742 TO STA. 27+770, RT
STA. 27+784 TO STA. 27+795, RT
STA. 27+811 TO STA. 27+860, RT

ITEM # 201.11 CLEARING

STA. 27+712.0 TO STA. 27+750.0 LT
STA. 27+804.0 TO STA. 27+850.0 RT
STA. 27+822.0 TO STA. 27+850.0 LT

CURVE 8

PI = 27+645.518
Δ = 14° - 29' - 46.5" Lt.
R = 700.000 m
L = 177.105 m
T = 89.028 m
E = 5.639 m



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 17 OF 20 AUGUSTA, MAINE

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	LCG	---
CHECKED	AG	$(PF_CHECKDATE1)
REVISIONS	---	$revdate1$
FIELD CHANGES		

PLANS

Filename: ...\te\planset\027_HDPlan37.dgn Username: $(WIN_USERNAME) Date:6/2/2011 Division: $(WKGROUP)

Filename: ...\te\plonset\028_HDPlan38.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY	DATE
	DESIGN-DETAILED	LCG	---
	CHECKED	MGS	---
PLANS	REVISIONS	---	$ipf_CHECKDATE(E)
	FIELD CHANGES	---	$revdate$

METRIC
1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	28	138

PIN 7998.20

ITEM # 609.31 CURB TYPE 3 MOLD 3	LENGTH
STA. 27+860.0, 5.4, LT TO STA. 27+960.6, 5.4, LT	100.6m

ITEM # 610.08 PLAIN RIPRAP	WIDTH	LENGTH
STA. 18+034.6, RT	1.80m	2.92m
STA. 27+992.7, RT	1.80m	1.80m

CONSTRUCT PAVED DRIVE	WIDTH
18+028.000, RT	

ITEM # 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP

STATION	OFFSET	TREE	STUMP
18+020.0	8.7m RT	355mm MAPLE	355mm
18+031.1	8.1m RT	355mm MAPLE	355mm
18+037.6	8.0m RT	305mm PINE	305mm

ITEM # 201.11 CLEARING
STA. 27+850.0 TO 27+937.0 LT
STA. 27+850.0 TO 28+040.0 RT
STA. 27+938.0 TO 27+973.0 LT
STA. 27+990.0 TO 28+040.0 LT

ITEM # 613.319 EROSION CONTROL BLANKET
STA. 18+037 TO STA. 18+060, RT
STA. 27+860 TO STA. 27+992, RT
STA. 27+994 TO STA. 28+040, RT

LYNETTE M. DEWEY
DARIN D. HILTON
LANI L. HILTON KELLEY
PP 165
TA = 15± AC.(OWNER)

JAMES M. SMALL
GEORGETTE P. SMALL
PP 169

ROBERT L. THERRIEN
PATRICIA A. THERRIEN
PP 35

MARC D. CUTHBERTSON
PP 170

PAUL BEAN, JR.
WILMA BEAN
PP 168
TA = 1.66± AC.

CRAIG F. MERROW
PP 171

STA. 18+020.000 EL VELVEL CIRCLE
LIMIT OF WORK
MATCH EXISTING PAVEMENT

EOP 12.00m RADIUS POINT
STA. 27+965.758 LT.
STA. 18+013.886 LT.

EOP 10.00m RADIUS POINT
STA. 27+994.964 LT.
STA. 18+019.526 RT.

STA. 27+977.140 ROUTE 109 =
STA. 18+000.000 EL VELVEL CIRCLE

EL Velvel Circle
Route 109
RT 109 TO SANFORD
N 29° - 29' - 48.8" W
S 75° - 24' - 47.1" W
R=5m
P.I.
P.L.
SLOPE LIMIT
CLEARING LINE
EXIST. R.O.W.
CONST. LIMITS
TEMP.
SLOPE
EASE.
EASEMENT
CLEARING TO SLOPE LIMIT
CLEARING TO ROW
REMOVE
0.06± AC.
0.12± AC.
1785± S.F.
1375± S.F.
215± S.F.
30± S.F.
845± S.F.
1035± S.F.
55± S.F.
450 mm RCP CLASS III
300 mm UD TYPE C
600mm RCP CLASS III
B35
B36
B37
27+860
27+880
27+900
27+920
27+940
27+960
27+980
18+000
18+020
18+040
18+060
28+000
28+020
28+040
1.8m
3.6m
3.6m
1.8m
30" IRON ROD
25 MM IRON PIPE
150 MM GASLINE
MEDIUM MIXED TREES
TREE HOUSE
HEMLOCK 150 MM
SHADE TREE 1000 MM
NET 259
NET 41
NET 41 / 1D / CMP / 1.1
NET 41 / 1D / CMP / 1.1
CLUMP - 610MM MAPLE, 255MM PINE, 255MM MAPLE, 255MM OAK
CLUMP - 610MM MAPLE, 255MM PINE, 255MM MAPLE
50MM PINES
100MM PINES
100MM MAPLES
100MM OAK
255MM PINES
255MM OAKS
200MM
405MM
610MM
355MM
305MM
255MM MAPLE
255MM OAK
255MM PINE
150MM MAPLES
150MM OAK
150MM MAPLE
TWIN 75MM BIRCHES
REMOVE
REMOVE
REMOVE

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	29	138

PIN 7998.20

ITEM # 610.08 PLAIN RIPRAP	WIDTH	LENGTH
STA. 18+080.0, RT	1.80m	1.80m
STA. 18+090.1, RT	1.80m	1.80m
STA. 18+157.0, RT	1.80m	3.00m
STA. 18+169.8, LT	2.25m	3.75m
STA. 18+170.0, RT	4.00m	5.70m

CONSTRUCT PAVED DRIVE	WIDTH
18+085.000, RT	
18+164.000, RT	

ITEM # 613.319 EROSION CONTROL BLANKET
STA. 18+060 TO STA. 18+079, RT
STA. 18+092 TO STA. 18+156, RT

MICHAEL A. WIGGINS
DEBORAH L. WIGGINS
PP 41
TA = 3.19± AC.(DEED)

CURVE 12
PI = 18+142.446
Δ = 74° - 59' - 03.3" Rt.
R = 30.000 m
L = 39.262 m
T = 23.013 m
E = 7.810 m

EDWARD P. HARMON, III
JUDITH HARMON
PP 42
TA = 4.10± AC.(TOWN)

CURVE 13
PI = 18+253.183
Δ = 78° - 43' - 51.9" Rt.
R = 20.000 m
L = 27.482 m
T = 16.408 m
E = 5.869 m

CURVE 14
PI = 18+278.188
Δ = 26° - 08' - 37.5" Rt.
R = 60.000 m
L = 27.378 m
T = 13.931 m
E = 1.596 m

OUTLET DRAINAGE STRUCTURE
STA. 18+169.8± LT.

STA. 18+173.000
LIMIT OF WORK
MATCH EXISTING PAVEMENT

N 29° - 39' - 09.6" W

PC = STA 18+119.438
PT = STA 18+158.695
PC = STA 18+236.775
PCC = STA 18+264.257
PT = STA 18+291.635

JONETHAN A. LACHANCE
PP 36

ROBERT L. THERRIEN
PATRICIA A. THERRIEN
PP 35

ITEM # 201.23 & 201.24 REMOVE SINGLE TREE TOP ONLY & STUMP			
STATION	OFFSET	TREE	STUMP
18+095.8	9.3m RT		355mm
18+102.5	9.1m RT	355mm OAK	355mm
18+106.2	8.6m RT		355mm
18+106.7	9.2m RT		355mm
18+128.3	9.5m RT		450mm
18+130.8	9.4m RT		305mm
18+134.0	9.0m RT	305mm OAK	305mm
18+139.8	8.7m RT	305mm MAPLE	305mm
18+143.6	8.6m RT		455mm
18+144.1	9.1m RT		455mm
18+145.3	7.6m RT		305mm
18+146.6	9.0m RT		405mm
18+151.4	10.1m RT	405mm OAK	455mm

PROJECT DESIGN ENGINEER		BY	DATE
DESIGN-DETAILED	LCG	MGS	---
CHECKED	AG	---	$IPF_CHECKDATE1)
REVISIONS	---	---	$revdate1$
FIELD CHANGES			

PLANS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS
WELLS
ROUTE 109

SCALE (in meters) 5 0 5 10

SHEET 19 OF 20 AUGUSTA, MAINE

Filename: ...\te\planset\029_HDPlan39.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	NH - 7998(20)E	30	138

PIN 7998.20

RIEN
RRIEN

CHRISTOPHER E. COTE
PP 172

P.L.

NOTE:
SEE SHEET NO. 21 FOR ITEM NOS. 84, 85, & 86.
SEE SHEET NO. 20 FOR ITEM NO. 87
SEE SHEET NO. 5 FOR PARCEL NO. 88

JONATHAN L. NORTON
PP 174

P.L.

18+320

El Velvel Circle

18+340

N 75° - 13' - 19.8" E

18+380

GRADING LIMIT

DONALD MET CORP.
PP 172.1

150 MM SPRUCES

EL VELVEL CIR (WEST)

EL VELVEL CIR

50 MM MAPLE

50 MM MAPLE

8" CONC WELL 1000 MM

LAWN

LEACHFIELD

HEMLOCK 150 MM

MEDIUM HARDWOODS

SLOPE LIMIT
350± S.F.

LIMITS

MEDIUM HARDWOOD TREES

30 MM IRON ROD

WOODS ENTRANCE

MEDIUM MIXED WOODS

PAVED DRIVEWAY

OAK 600MM

OAK 400MM

OAK 550 MM

OAK 400 MM

NET 262 X

2662

1.8m
3.6m
1.8m
3.6m
1.8m

28+040
28+060
28+080
28+100
28+120
Route 109
28+139

REMOVE

RT 109 (WEST)

N 29° - 29' - 48.8" W

TO SANFORD

BA 262 235

INFO

SANDY WELL DRAINED SOIL

DRAINS INTO SANDY SOIL

WOODS ENTRANCE

RLS *1036 REBAR

GRAVEL

STOCKADE FENCE 2400 MM HIGH

MEDIUM MIXED WOODS

SM GRAVEL PIT

WELL
DRILLED WELL W\STEEL CAP

LIMITS
CLEARING LINE
SLOPE LIMIT
EXIST. R.O.W.

STA. 28+108.732 ROUTE 109 =
STA. 18+389.682 EL VELVEL CIRCLE

STA 28+075.000
END APPROACH
MATCH EXISTING PAVEMENT

STA 28+060.000
END PROJECT NO. NH-7998(20)E
END FULL CONSTRUCTION
BEGIN APPROACH

NANCY J. TAYLOR
PP 173

ITEM # 201.11 CLEARING
STA. 28+040.0 TO 28+075.0 LT
STA. 28+040.0 TO 28+069.0 RT

ITEM # 613.319 EROSION CONTROL BLANKET
STA. 28+040 TO STA. 28+060. RT

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	LCC	MDS ---
CHECKED	AG	--- ---
REVISIONS	---	--- $(PF_CHECKDATE1)
FIELD CHANGES		$revdate1$

PLANS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLANS

WELLS

ROUTE 109

SCALE
(in meters)
5 0 5 10

SHEET 20 OF 20 AUGUSTA, MAINE

Filename: ...\te\plonset\030_HDPlan40.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

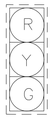
METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	NH - 7998(20)E	31	138

PIN 7998.20

SIGNAL PLAN NOTES:

1. The Contractor shall meet all requirements of the utility companies when installing equipment on their poles. The Contractor shall be responsible for contacting the utility companies to determine their requirements.
2. The Electrical Contractor shall make the necessary connections for a #6 AWG bonding wire to an existing utility's vertical ground wire. If this vertical ground wire does not exist the contractor shall leave enough bonding wire to reach the system neutral. The local utility should be notified and shall make that connection.
3. The locations of all equipment shown are approximate. Final location shall be determined in the field by the Construction Manager.
4. The maximum spanwire mounting heights shall be in accordance with Section 4D.15 listed in the 2009 Manual of Uniform Traffic Control Devices.
5. The cost of pole risers shall be incidental to the cost of Item No. 643.72
6. The cost of the overhead signs shall be incidental to Item No. 643.72

INDICATIONS



A1, A2, B1, B2
C1, C2, D1, D2
E1, E2, F1, F2

Note - All indications shall be 300mm light emitting diodes (LEDs) with 125mm retroflective louvered backplates and tethered.

OVERHEAD SIGNS



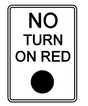
R10-6a
900x1050 mm
(oversized)
2-Proposed



R10-6a
750x900 mm
4-Proposed



R10-5a
750x900 mm
2-Proposed



R10-11
750x900 mm
2-Proposed

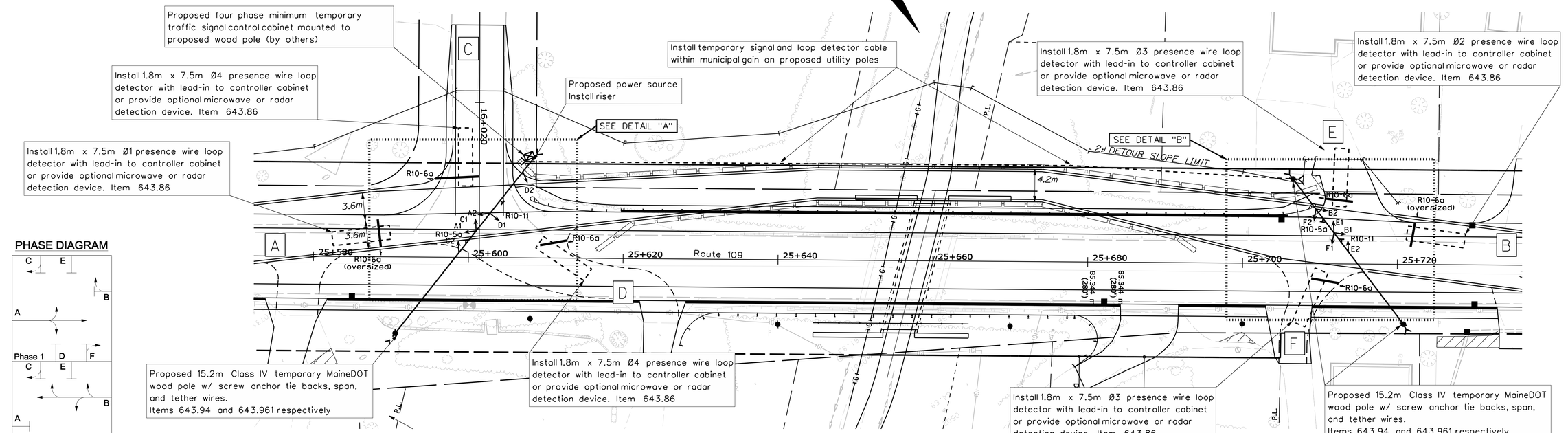
SIGNAL TIMING

	PHASE 1	PHASE 2	PHASE 3	PHASE 4
MIN GREEN	7	7	5	5
EXTENSION	3.0	3.0	3.0	3.0
MAX 1	30	25	8	8
MAX 2	25	40	8	8
VEH CLEAR	3.5	3.5	3.5	3.5
RED CLEAR	15.5	15.5	15.5	15.5
RECALL	OFF	OFF	OFF	OFF

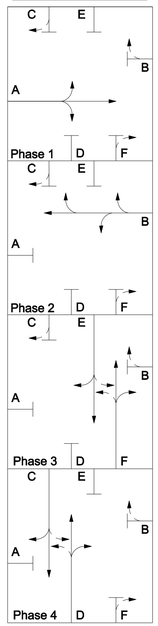
Note: Max 2 shall be programmed to operate from 2-6pm. In the event of a conflict or malfunction all phases shall flash red.
All red clearance intervals based on conservative travel speeds of 9m/sec.

LIST OF MAJOR EQUIPMENT

Equipment and work Item 643.72 Temporary traffic signals: Route 109 / Pool Drive / Driveways	Quantity
Furnish and install temporary signal controller in temporary m-type pole mounted cabinet complete with all ancillary equipment and wiring	1
Furnish and install one-way, 3-section, 12-inch polycarbonate traffic signal heads with tunnel visors and retroflective louvered backplates span wire mounted with tether	12
Furnish and install span wire and post mounted R10-XY signs	10
Implement local and system timing	-
Furnish and install wire loop detector (Item 643.86)	6
Furnish and install non-invasive, microwave or radar based traffic presence sensor (Optional to Item 643.86)	6
Dual purpose pole wood (Item 643.94)	3
Guy wire and anchor (Item 643.961)	6

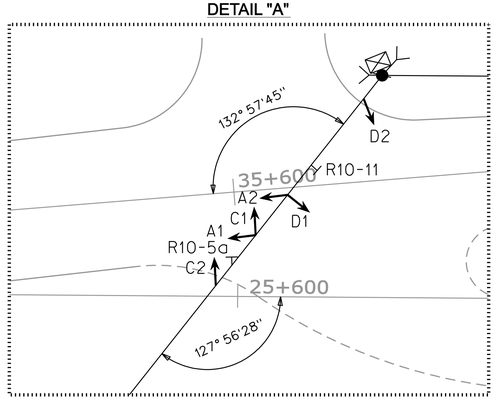


PHASE DIAGRAM

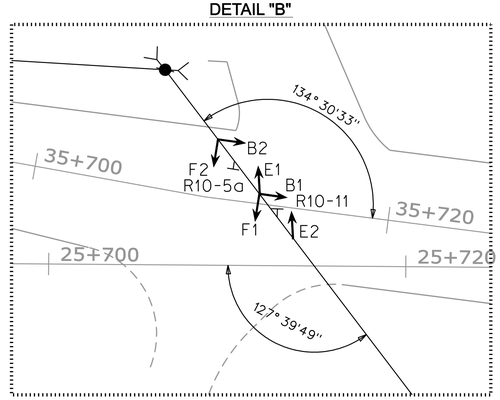


WHERE:
→ Protected Traffic Movement
⇢ Permissive Traffic Movement

DETAIL "A"



DETAIL "B"



LEGEND

- temporary controller and cabinet
- temporary MaineDOT wood pole with screw anchor tie backs
- tethered spanwire mounted sign
- tethered vehicular head
- messenger cable
- wire loop detector

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

TEMPORARY
SIGNAL PLAN
WELLS
ROUTE 109

SCALE (in meters) 5 0 5 10

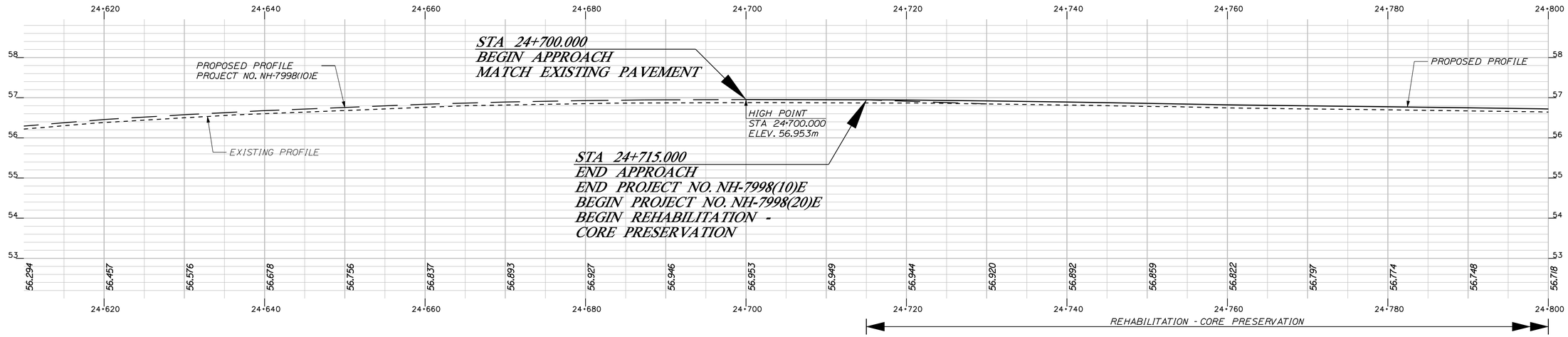
SHEET 1 OF 1 AUGUSTA, MAINE

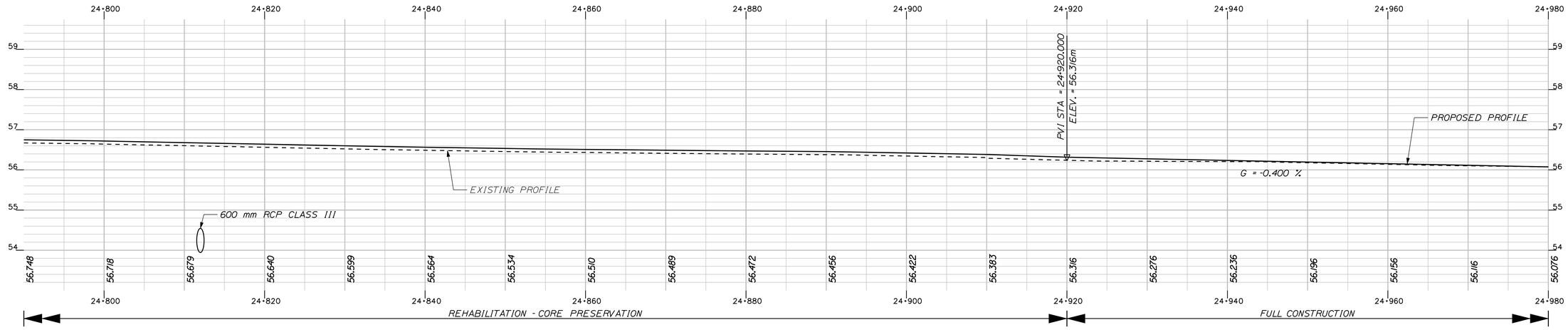
PROJECT DESIGN ENGINEER		BY	DATE
	DESIGN-DETAILED	LCG	---
PLANS	CHECKED	MGS	---
	REVISIONS	AG	$PDF_CHECKDATE[1]
	FIELD CHANGES	---	---
		---	$revdate[$

Filename: ...\te\planset\031_Signal01.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	NH - 7998(20)E	32	138

PIN 7998.20





PROJECT DESIGN ENGINEER		BY	DATE
	DESIGN-DETAILED	LCC	MCS	---
	CHECKED	AG	---	$(PDF_CHECKDATE)
PLANS	REVISIONS	---	---	$revdate$
	FIELD CHANGES			

Filename: ...\032_PROF-DESIGN50-MC50_dr_001.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROFILES

WELLS

ROUTE 109

HORIZONTAL 5 0 5 10
VERTICAL 1 0 1 2
Scale in meters

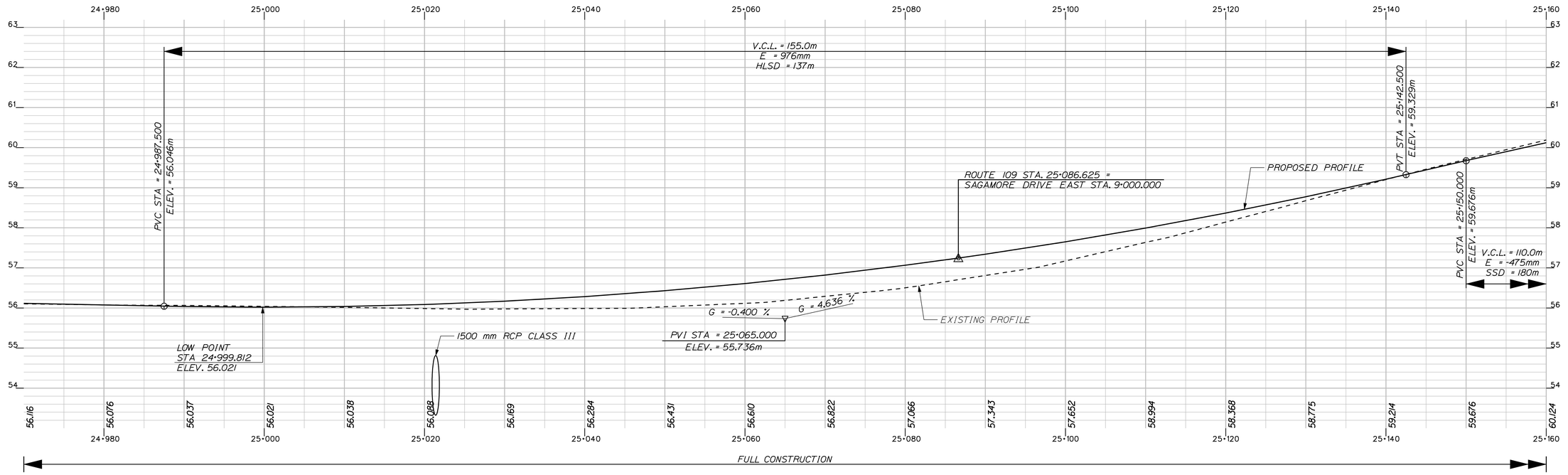
SHEET 1 OF 11

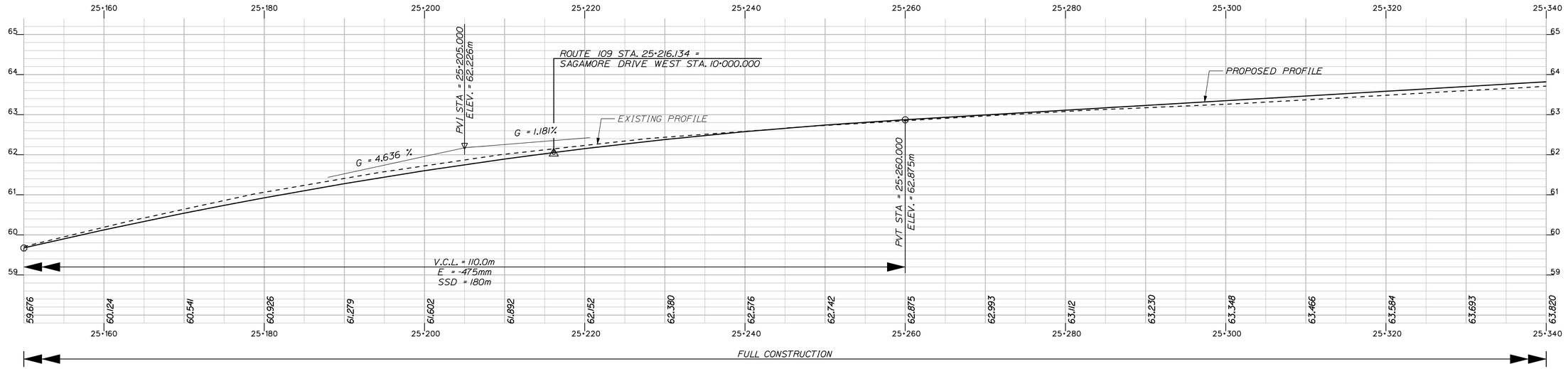
AUGUSTA, MAINE

METRIC 1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	33	138

PIN 7998.20





PROJECT DESIGN ENGINEER		BY	DATE
	DESIGN-DETAILED	LCG	---
	CHECKED	MGS	---
PLANS	REVISIONS	AG	---
	FIELD CHANGES	---	---
		---	$IPDF_CHECKDATE(E1)
		---	$revdate1$

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROFILES

WELLS

ROUTE 109

HORIZONTAL 5 0 5 10
VERTICAL 1 0 1 2
Scale in meters

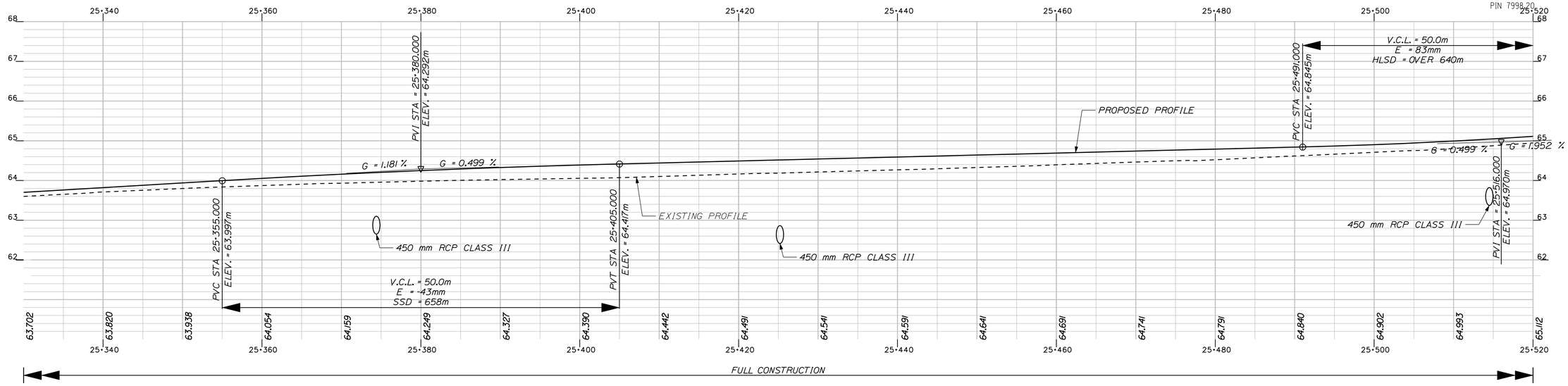
SHEET 2 OF 11 AUGUSTA, MAINE

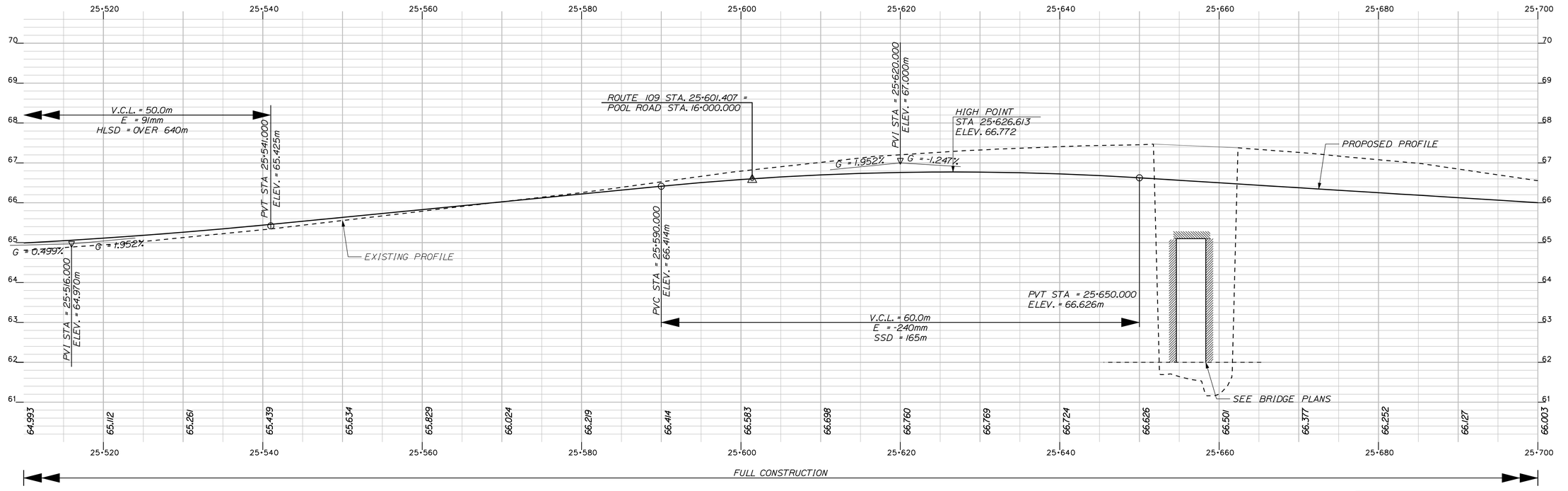
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METRIC 1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	34	138

PIN 7998.20





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROFILES

WELLS

ROUTE 109

HORIZONTAL 5 0 5 10
VERTICAL 1 0 1 2
Scale in meters

SHEET 3 OF 11 AUGUSTA, MAINE

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	LCG	---
CHECKED	AC	$(PDF_CHECKDATE)
REVISIONS	---	---
FIELD CHANGES		$revdate$

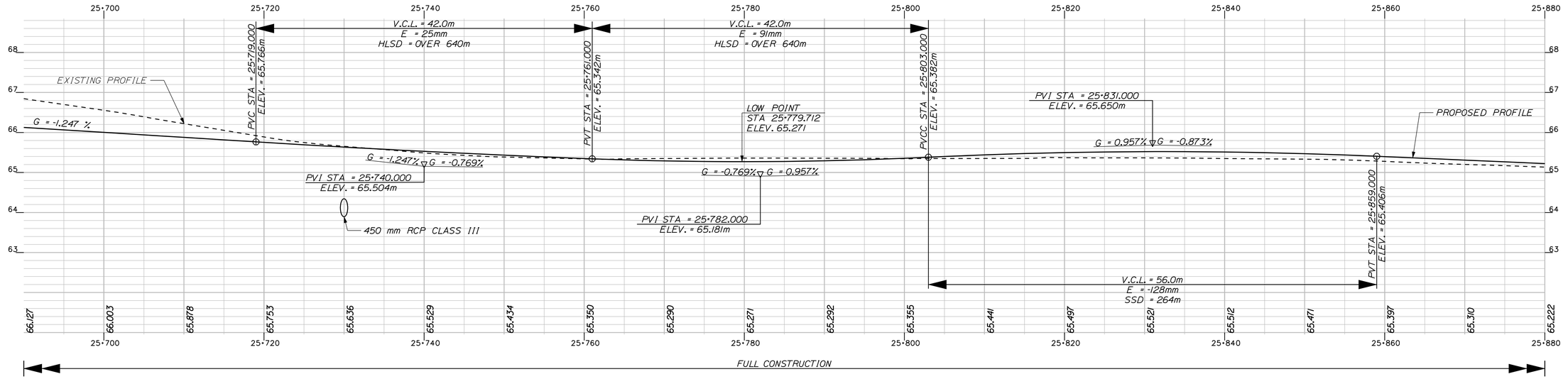
PLANS

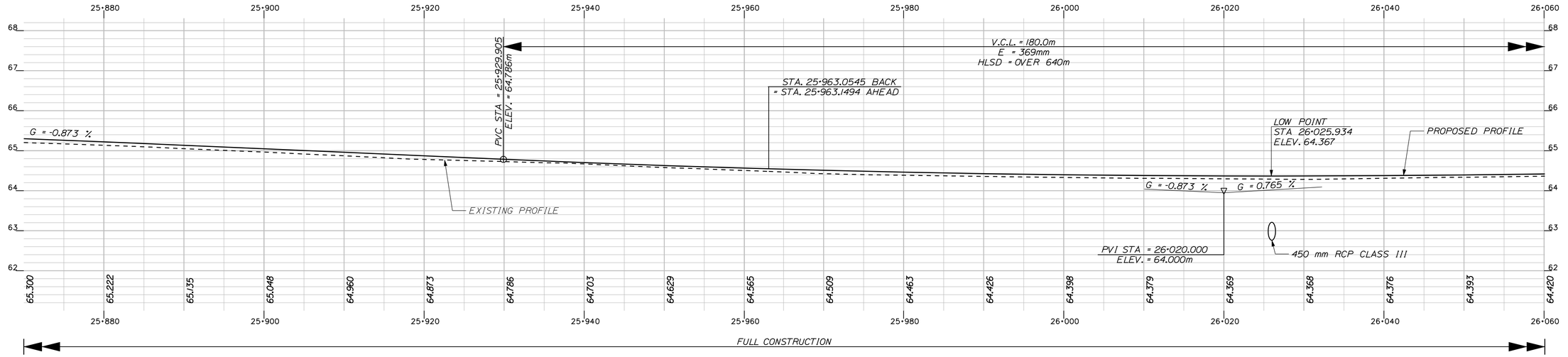
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METRIC 1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	35	138

PIN 7998.20





PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	LCG	MGS	---
CHECKED	AG	---	$(PRF_CHECKDATE1)
REVISIONS	---	---	$revdate1$
FIELD CHANGES			

PLANS

Filename: ...\035_PROF-DESIGN50-MC50_dr_004.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROFILES

WELLS

ROUTE 109

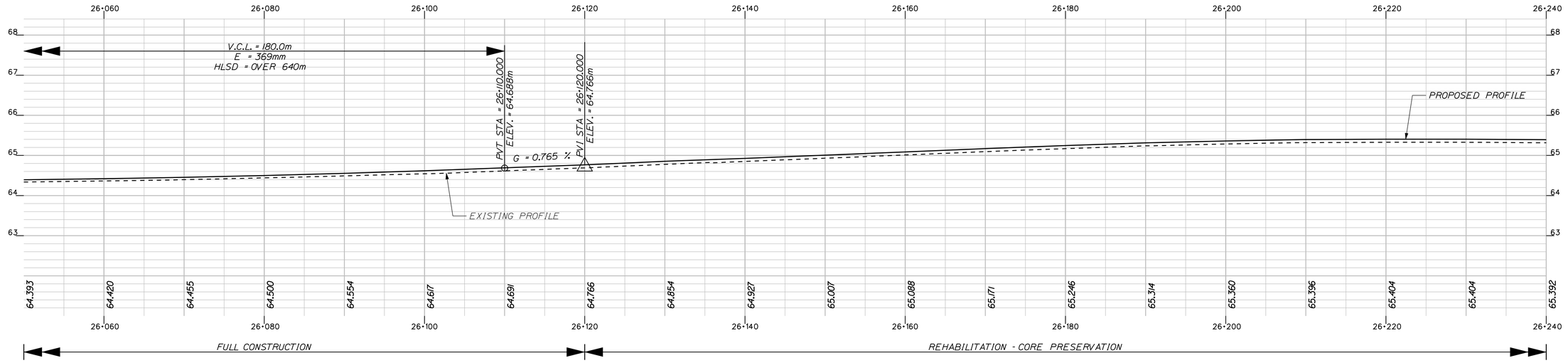
HORIZONTAL 5 0 5 10
VERTICAL 1 0 1 2
Scale in meters

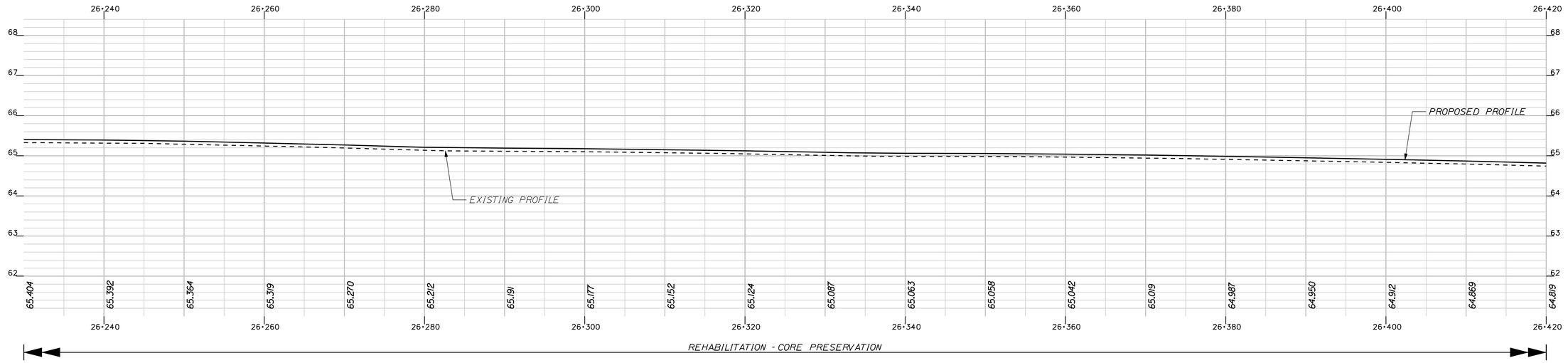
SHEET 4 OF 11 AUGUSTA, MAINE

METRIC 1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	36	138

PIN 7998.20





PROJECT DESIGN ENGINEER		BY	DATE
DESIGN-DETAILED	LCC	MGS	---
CHECKED	AG	---	$(PDF_CHECKDATE)
REVISIONS	---	---	$revdate$
FIELD CHANGES			

PLANS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROFILES

WELLS

ROUTE 109

HORIZONTAL 5 0 5 10
VERTICAL 1 0 1 2
Scale in meters

SHEET 5 OF 11 AUGUSTA, MAINE

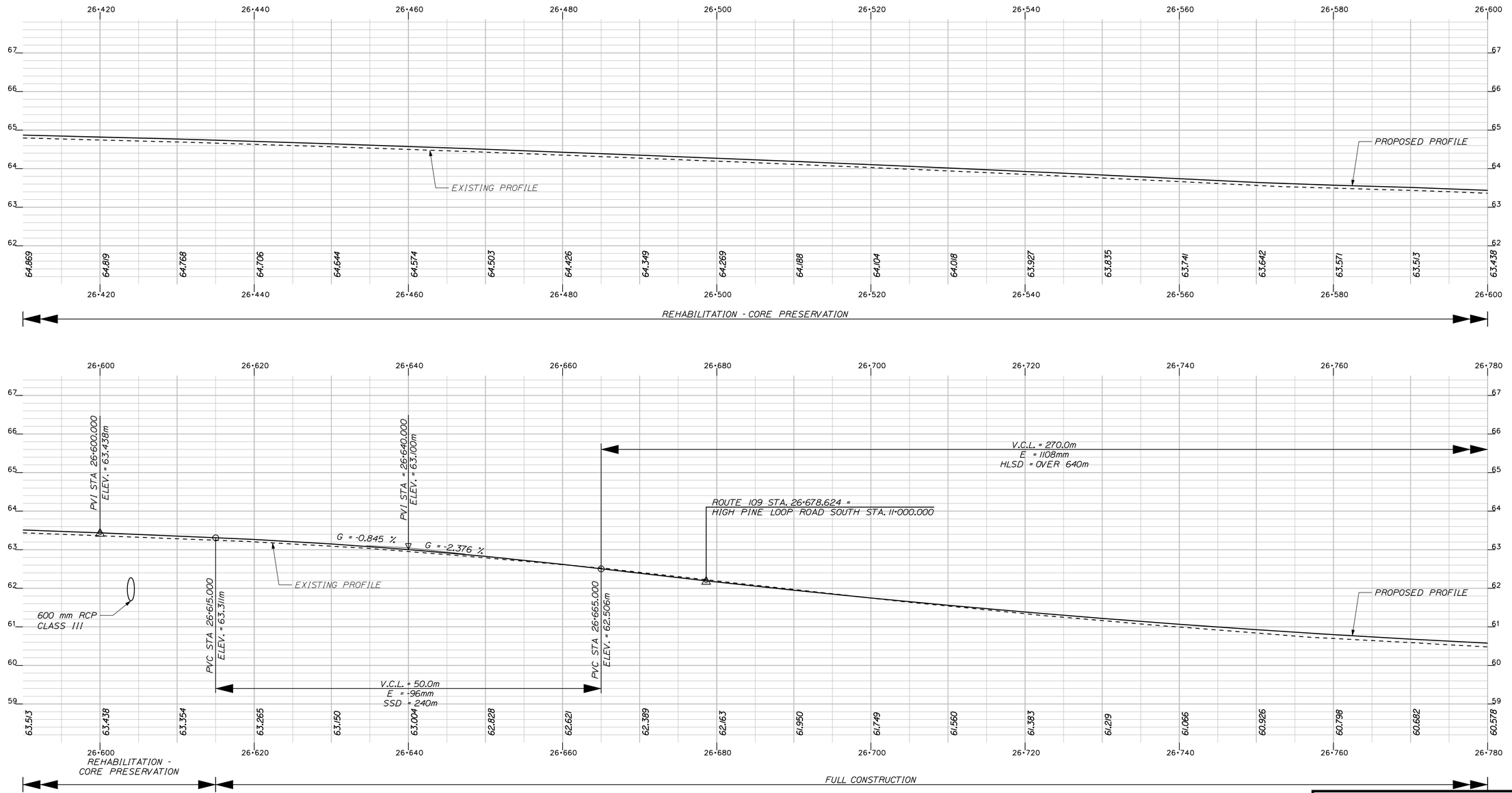
Filename: ...\036_PROF-DESIGN50-MC50_dr_005.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	37	138

PIN 7998.20



PROJECT DESIGN ENGINEER		BY	DATE
DESIGN-DETAILED	LCG	MGS	---
CHECKED	AG	---	$[PDF_CHECKDATE(E1)]
REVISIONS	---	---	$revdate$
FIELD CHANGES			

PLANS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROFILES

WELLS

ROUTE 109

HORIZONTAL 5 0 5 10
VERTICAL 1 0 1 2
Scale in meters

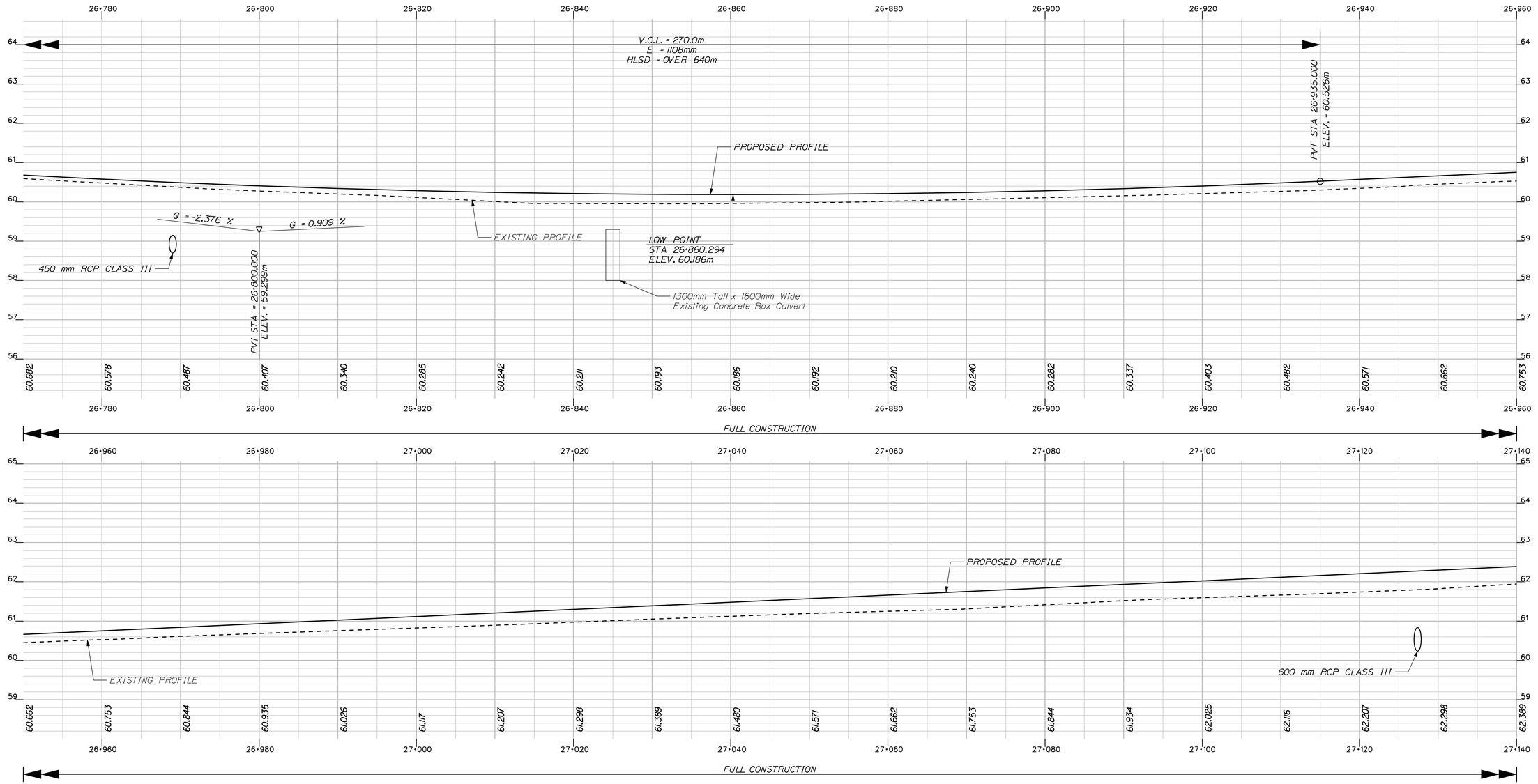
SHEET 6 OF 11 AUGUSTA, MAINE

Filename: ...\037_PROF-DESIGN50-MC50_dr_006.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC 1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	38	138

PIN 7998.20



PROJECT DESIGN ENGINEER		BY	DATE
DESIGN-DETAILED	LCG	MGS	---
CHECKED	AG	---	$PROF_CHECKDATE(1)
REVISIONS	---	---	$revdate$
FIELD CHANGES			

PLANS

Filename: ...\038_PROF-DESIGN50-MC50_dr_007.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROFILES

WELLS

ROUTE 109

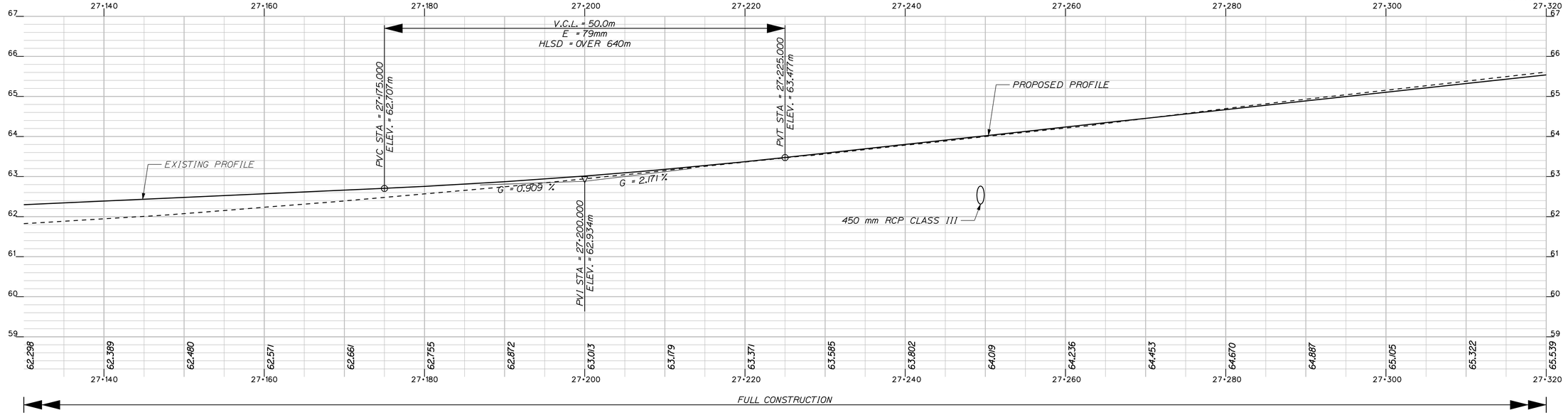
HORIZONTAL 5 0 5 10
VERTICAL 1 0 1 2
Scale in meters

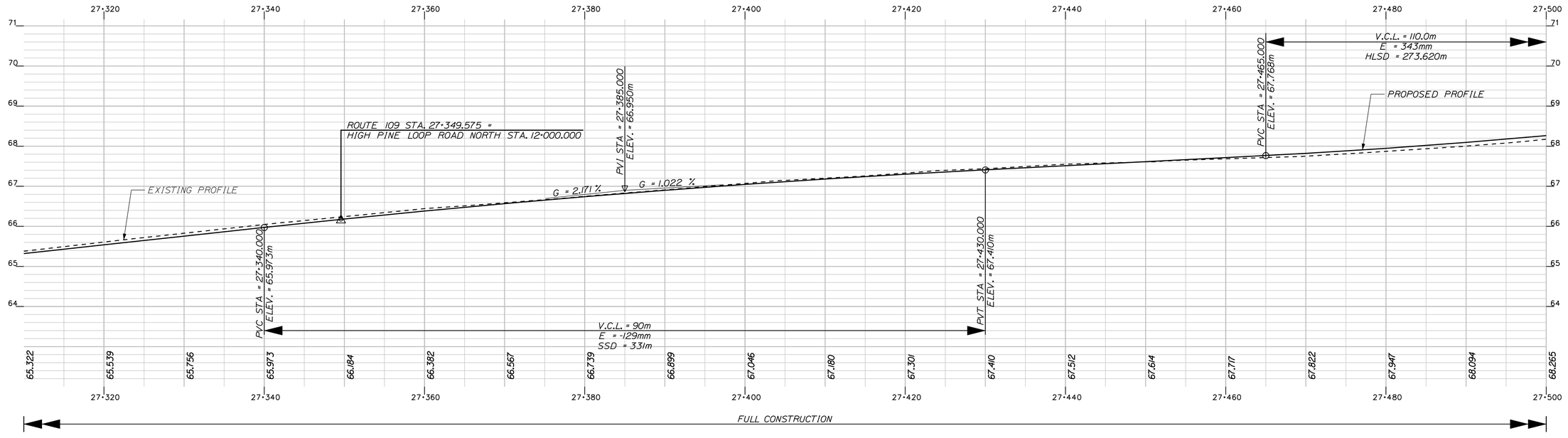
SHEET 7 OF 11 AUGUSTA, MAINE

METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	39	138

PIN 7998.20





PROJECT DESIGN ENGINEER		BY	DATE
DESIGN-DETAILED	LCG	MGS	---
CHECKED	AG	---	$\$$PROF_CHECKDATE(1)
REVISIONS	---	---	$revdate1$
FIELD CHANGES			

PLANS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROFILES

WELLS

ROUTE 109

HORIZONTAL 5 0 5 10
VERTICAL 1 0 1 2
Scale in meters

SHEET 8 OF 11 AUGUSTA, MAINE

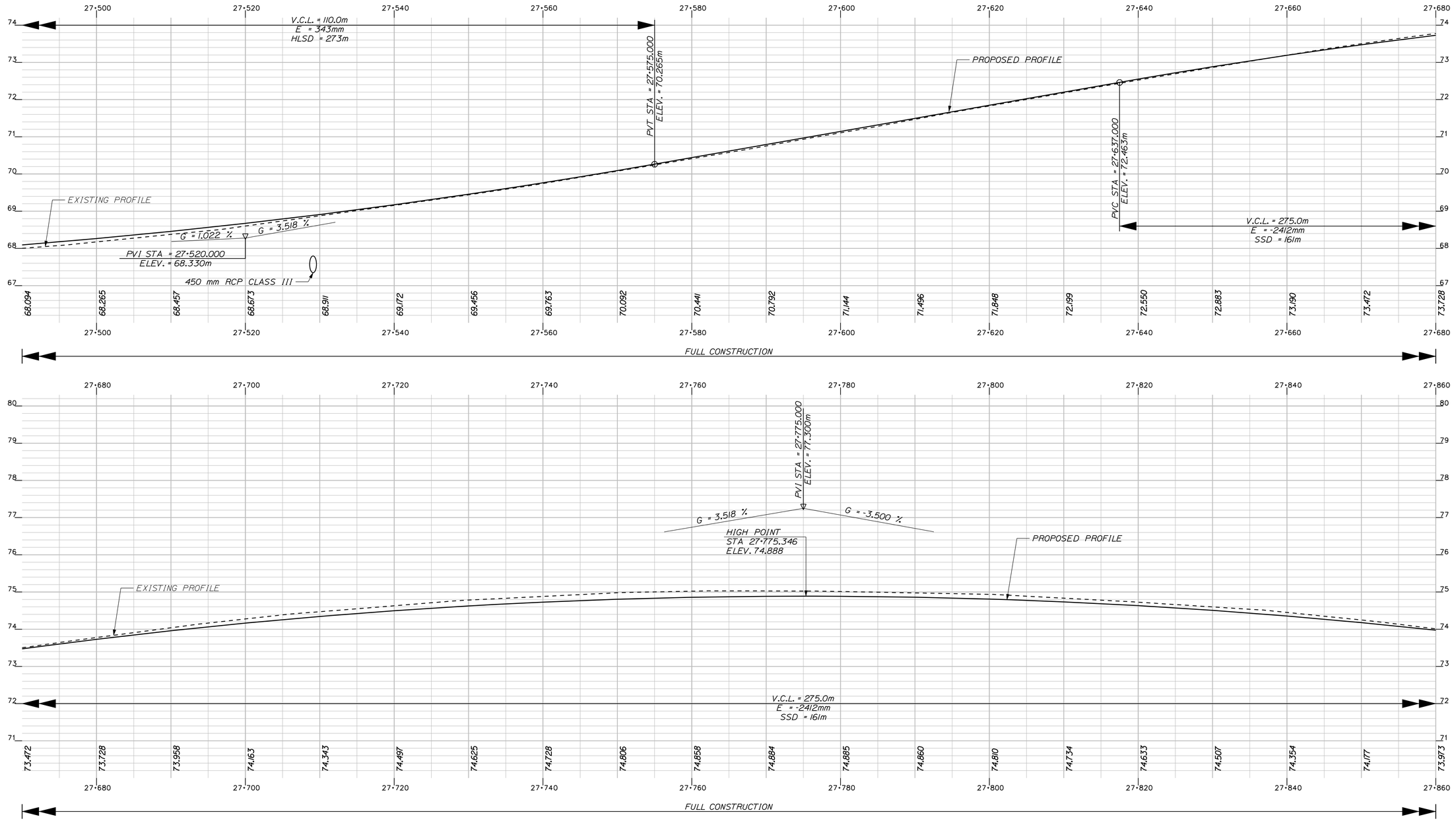
Filename: ...\039_PROF-DESIGN50-MC50_dr_008.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	40	138

PIN 7998.20



PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	LCG	MCS
CHECKED	AC	---
REVISIONS	---	---
FIELD CHANGES		

PLANS

$IPDF_CHECKDATE()

$revdate$

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROFILES

WELLS

ROUTE 109

HORIZONTAL 5 0 5 10
VERTICAL 1 0 1 2
Scale in meters

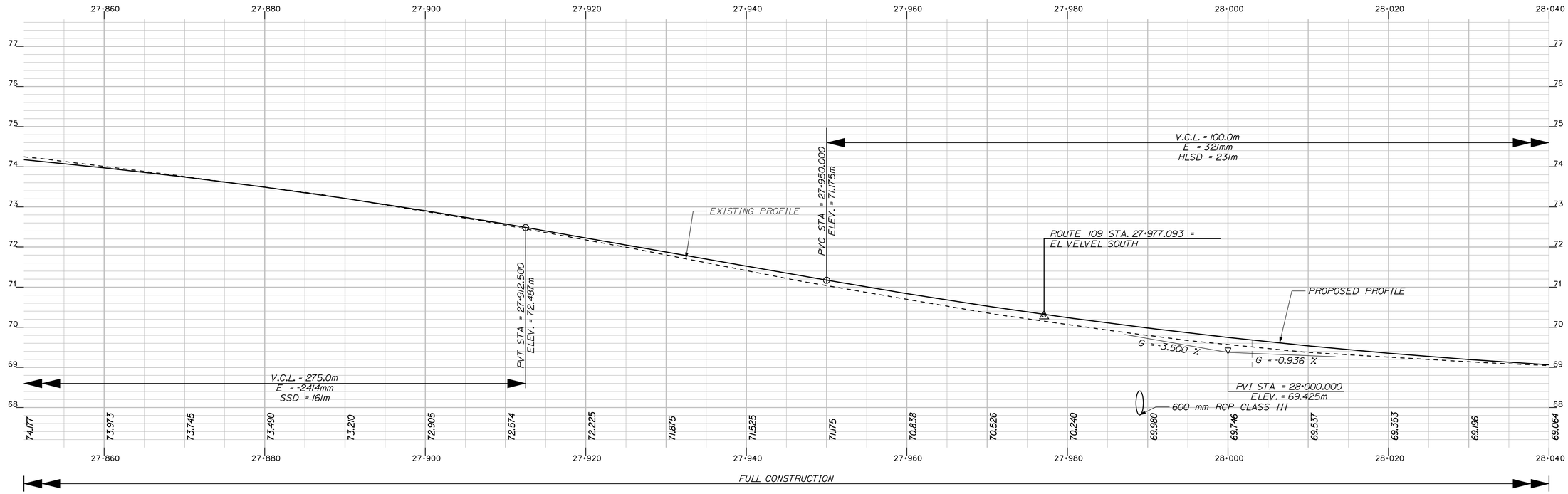
SHEET 9 OF 11 AUGUSTA, MAINE

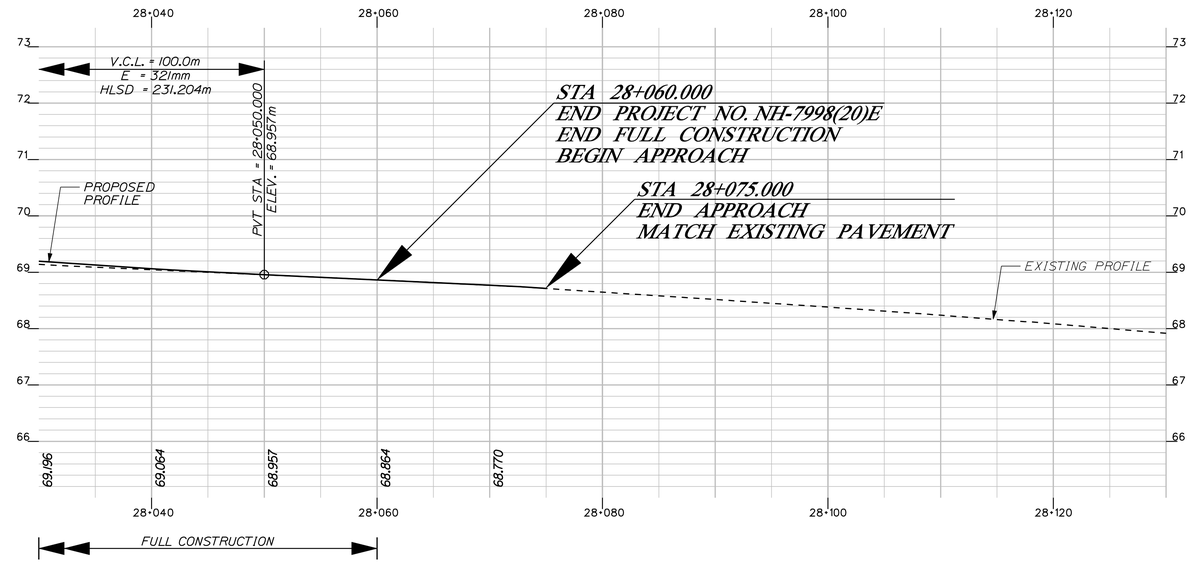
Filename: ...\040_PROF-DESIGN50-MC50_dr_009.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

METRIC 1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	41	138

PIN 7998.20





PROJECT DESIGN ENGINEER		BY	DATE
DESIGN-DETAILED	LCG	MGS	---
CHECKED	AG	---	$(PRF_CHECKDATE1)
REVISIONS	---	---	$revdate1$
FIELD CHANGES			

PLANS

Filename: ...\041_PROF-DESIGN50-MC50_dr_010.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROFILES

WELLS

ROUTE 109

HORIZONTAL 5 0 5 10
VERTICAL 1 0 1 2
Scale in meters

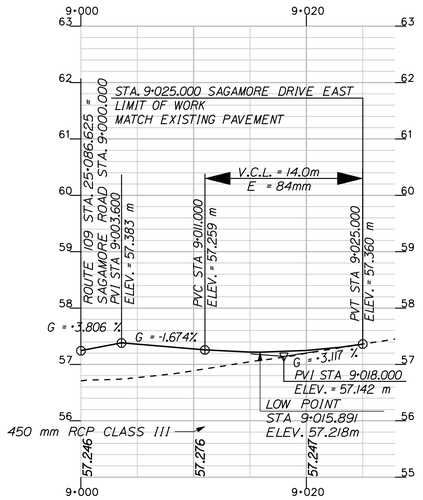
SHEET 10 OF 11 AUGUSTA, MAINE

METRIC 1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

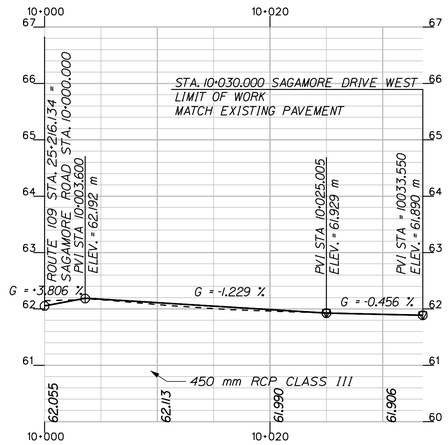
F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	42	138

PIN 7998.20

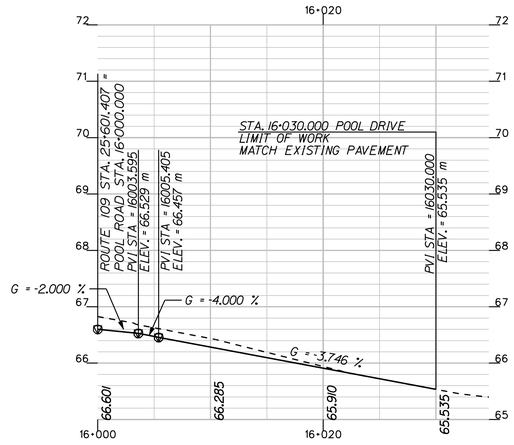
SAGAMORE DRIVE EAST



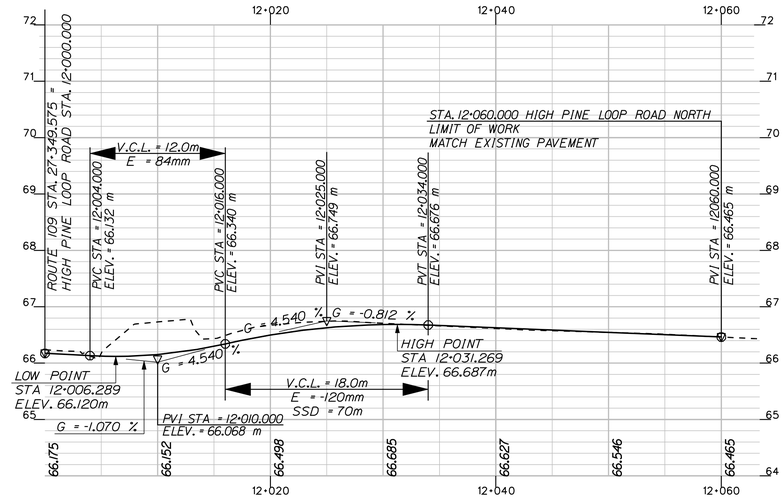
SAGAMORE DRIVE WEST



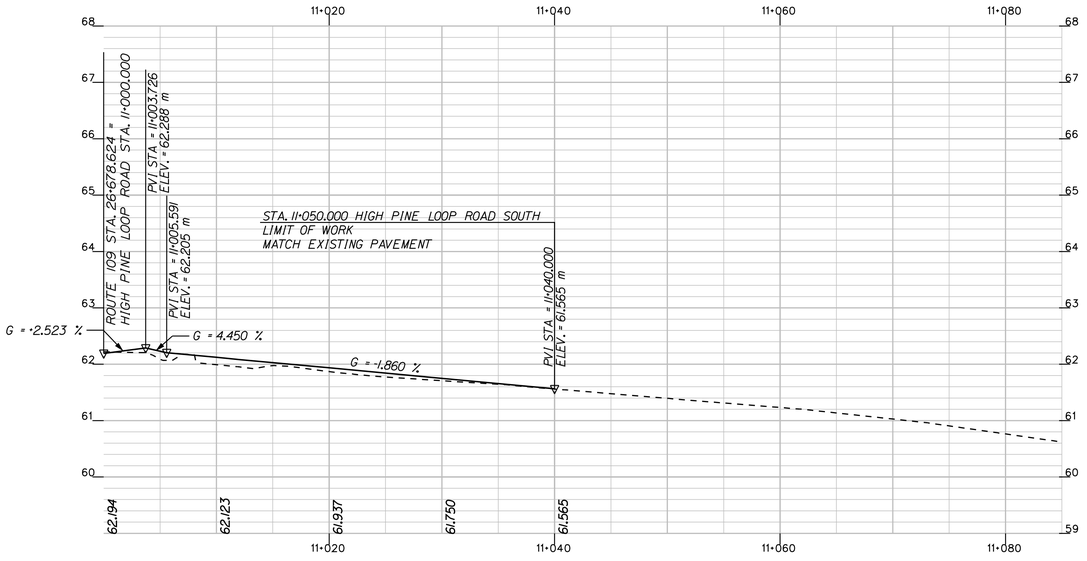
POOL DRIVE



HIGH PINE LOOP ROAD NORTH



HIGH PINE LOOP ROAD SOUTH



PROJECT DESIGN ENGINEER		BY	DATE
	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PROF_CHECKDATE(1))
PLANS	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

Filename: ...\042_PROF-SIDE_ROADS_01.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROFILES

WELLS

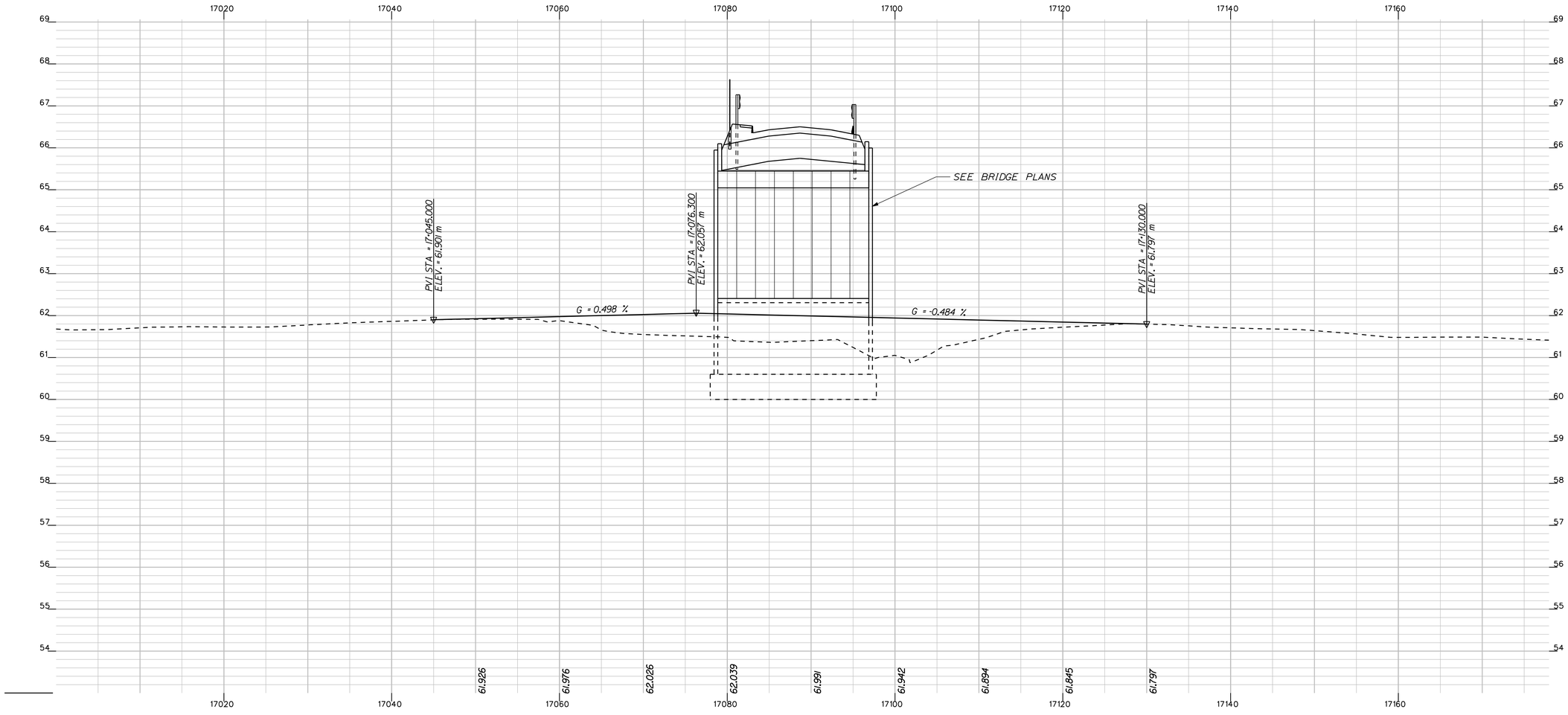
ROUTE 109

HORIZONTAL 5 0 5 10
VERTICAL 1 0 1 2
Scale in meters

SHEET 11 OF 11 AUGUSTA, MAINE

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	NH - 7998(20)E	43	138

PIN 7998.20



ABANDONED RAILBED PROFILE

PROJECT DESIGN ENGINEER		BY	DATE
	DESIGN-DETAILED	LCC	MGS	---
PLANS	CHECKED	AG	---	$(PDF_CHECKDATE)
	REVISIONS	---	---	$revdate$
	FIELD CHANGES			

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROFILES

WELLS

ROUTE 109

HORIZONTAL 5 0 5 10
VERTICAL 1 0 1 2
Scale in meters

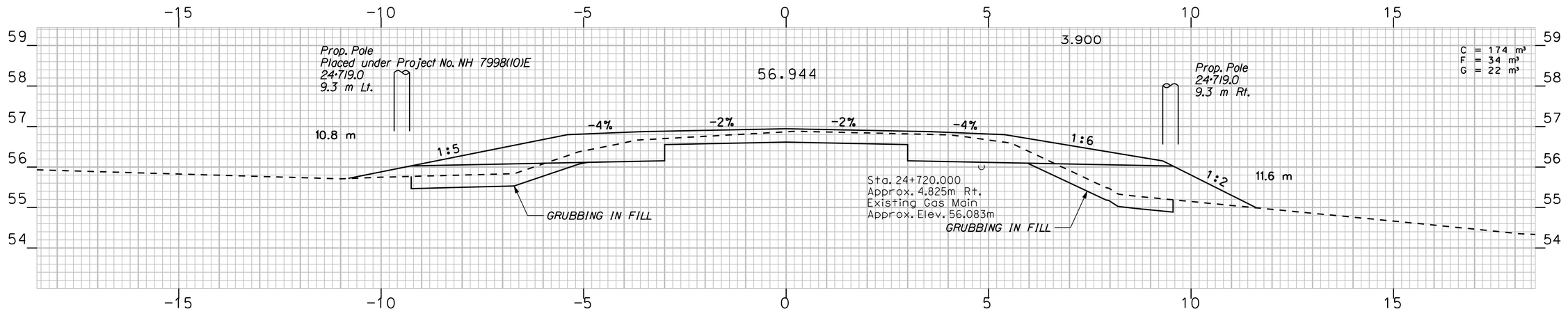
SHEET OF

AUGUSTA, MAINE

Filename: ...\04.3_PROF-Railbed_01.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

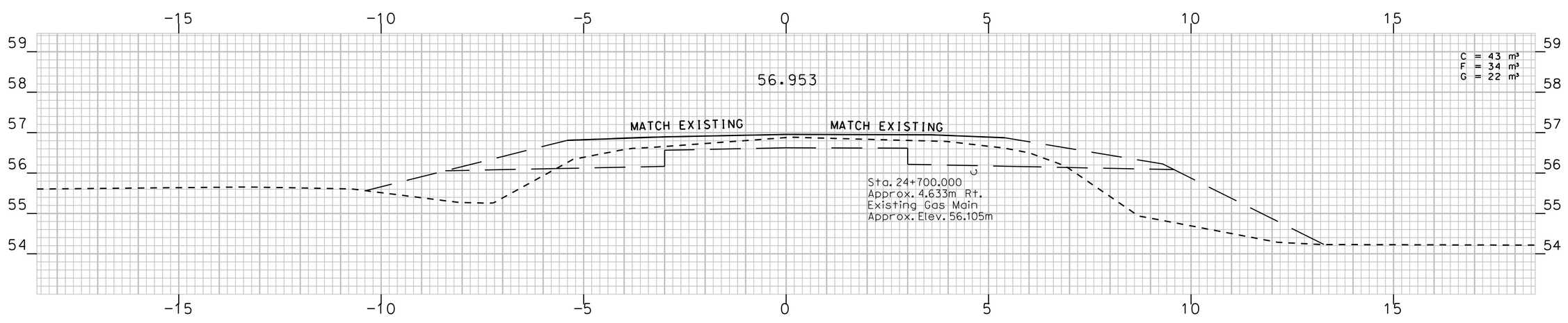
Filename: ...\044_24720-25414_001.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



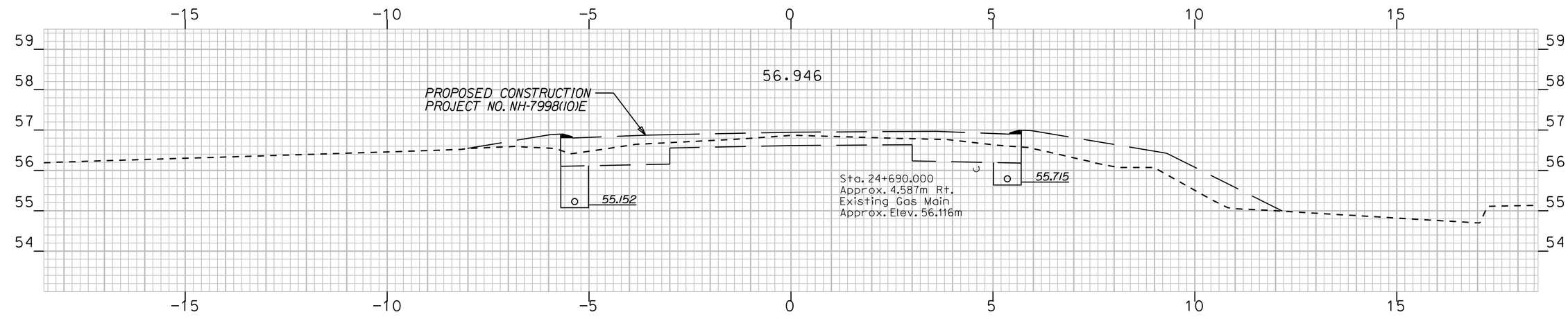
24+720.000

STA. 24+715.000
END APPROACH
END PROJECT NO. NH 7998(10)E
BEGIN PROJECT NO. NH 7998(20)E
BEGIN REHABILITATION - CORE PRESERVATION



24+700.000

STA 24+700.000
BEGIN APPROACH
MATCH EXISTING PAVEMENT



24+690.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	44	138

PIN 7998.20

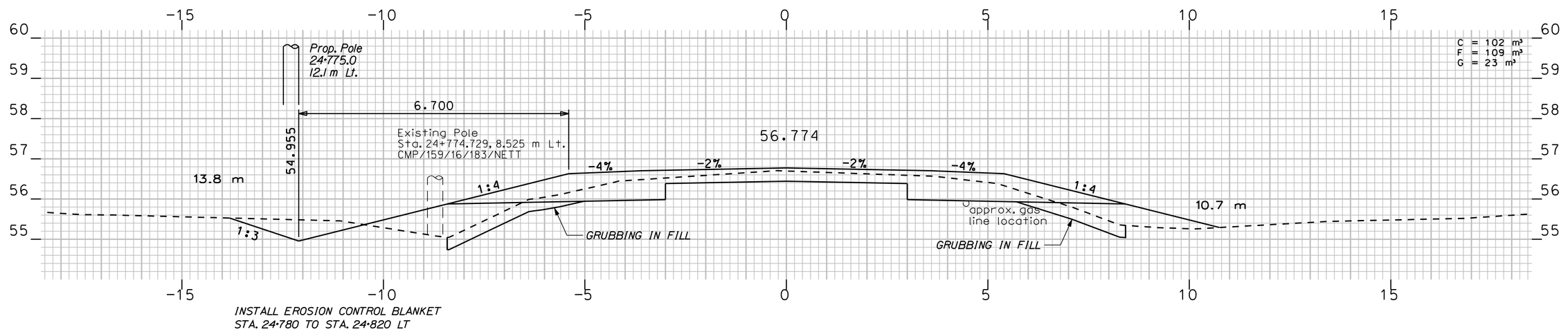
WELLS

ROUTE 109

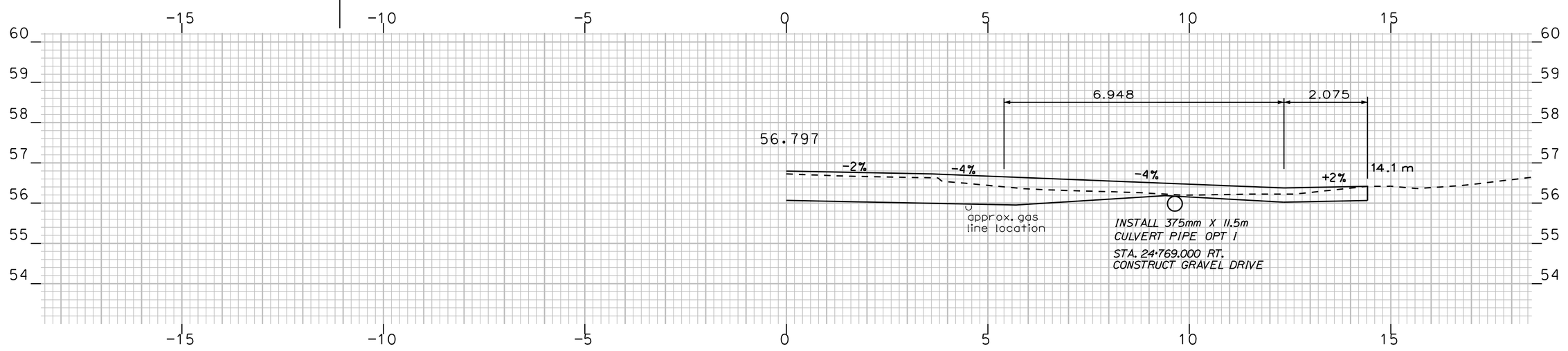
STA. 24+690.000 TO STA. 24+720.000

Filename: ...\044_24720-25414_001.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

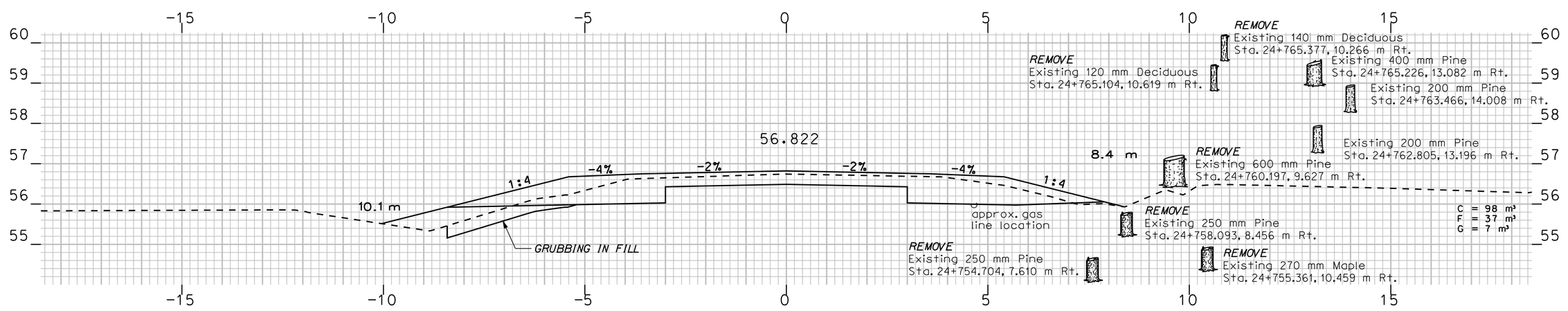
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



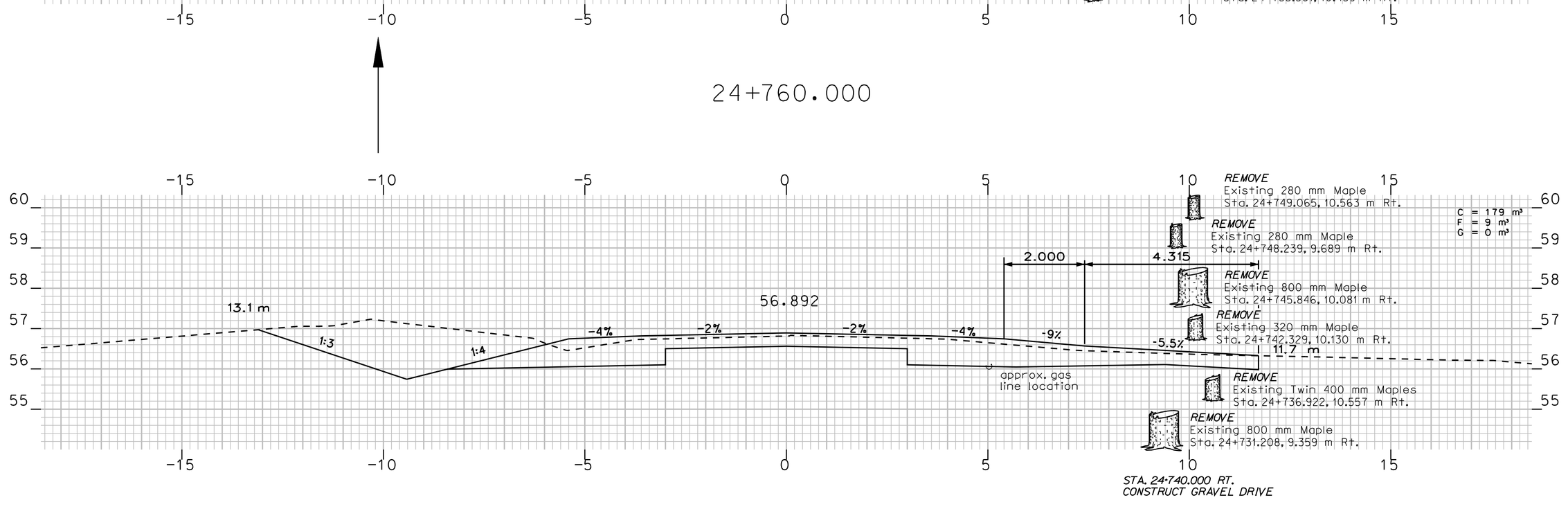
24+780.000



24+769.000



24+760.000



24+740.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	45	138

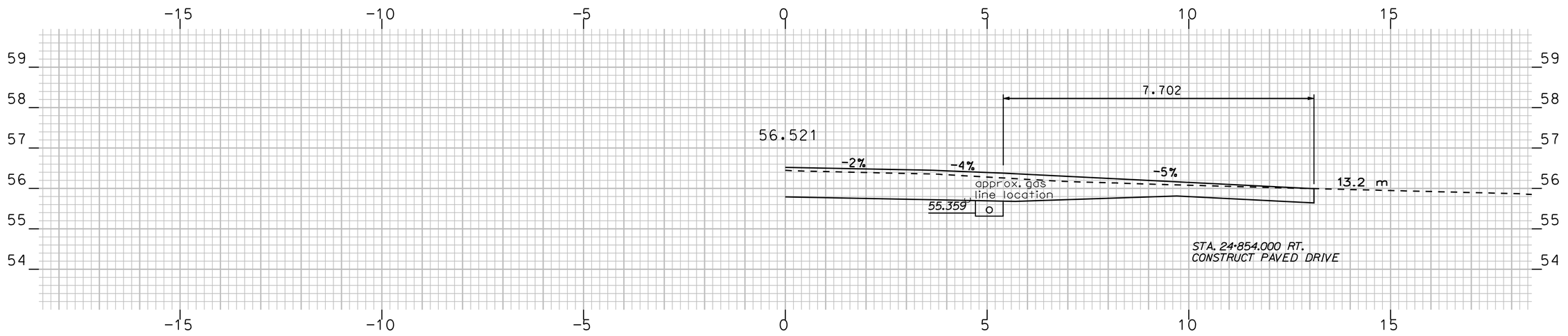
PIN 7998.20

WELLS

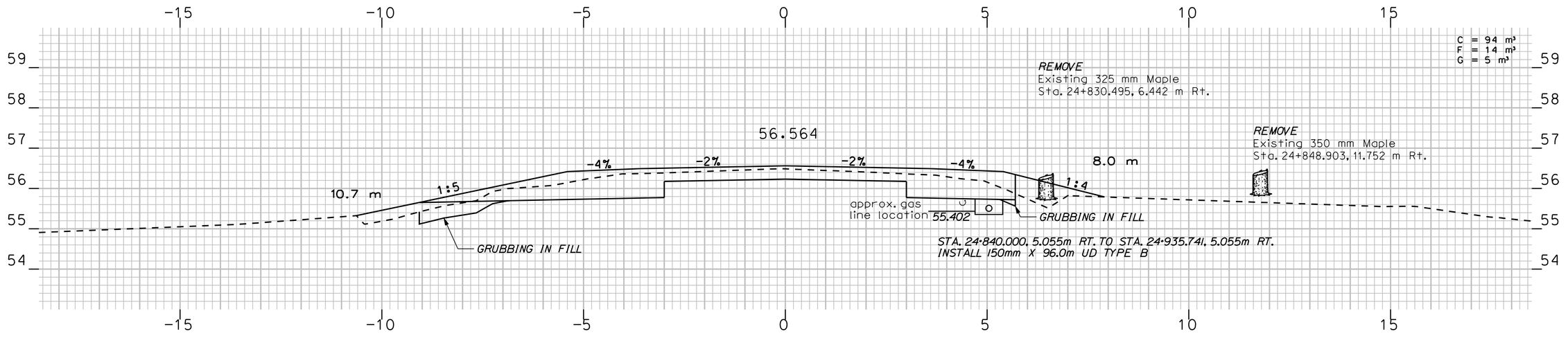
ROUTE 109

STA. 24+740.000 TO STA. 24+780.000

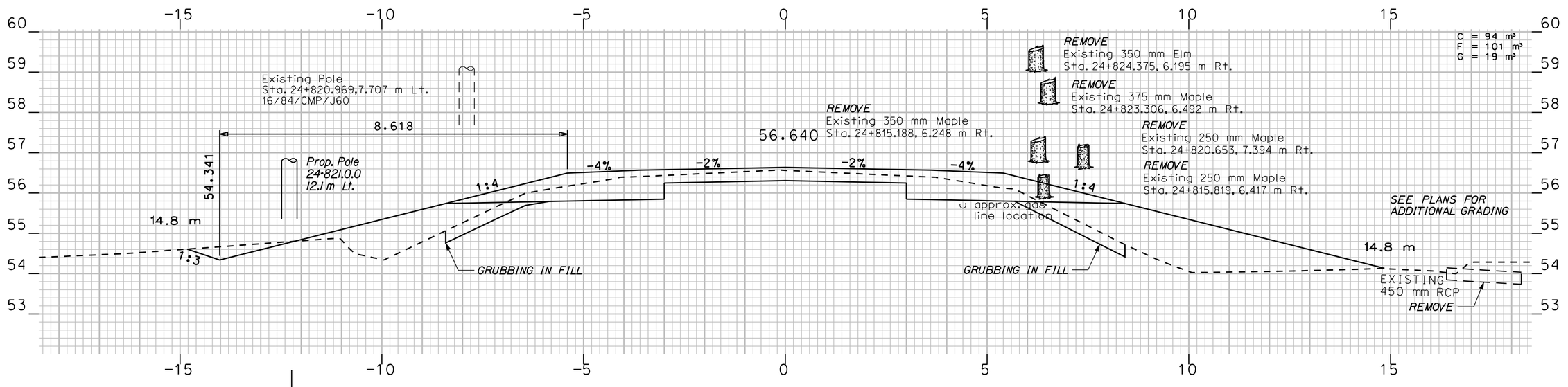
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



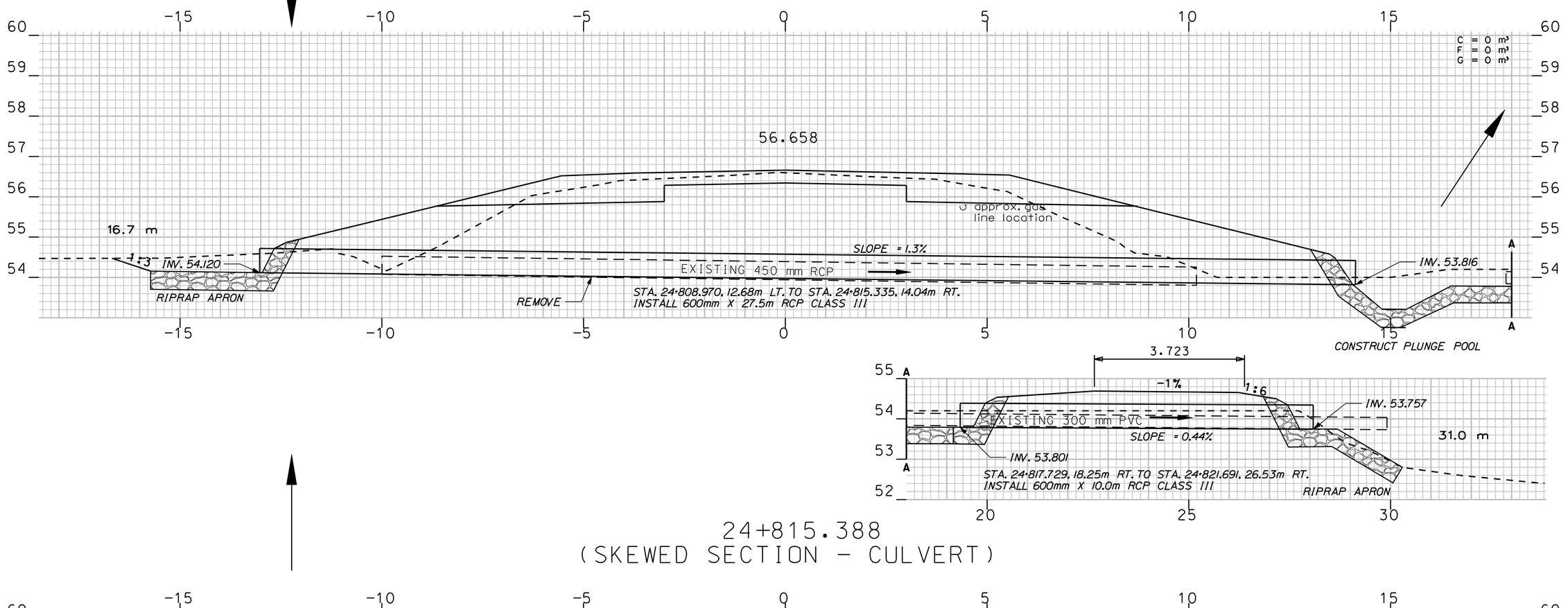
24+854.000



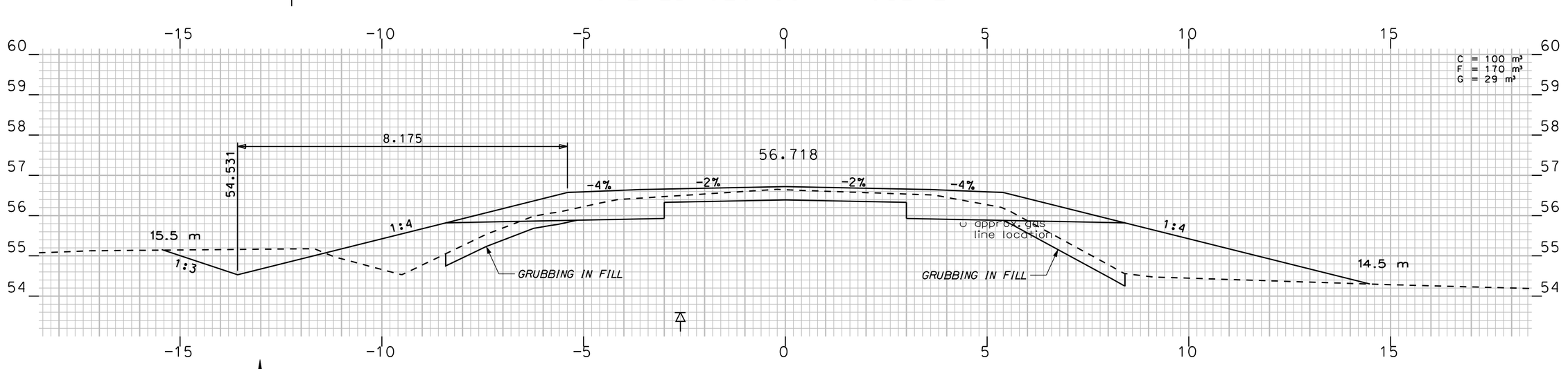
24+840.000



24+820.000



24+815.388
(SKEWED SECTION - CULVERT)



24+800.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	46	138

PIN 7998.20

WELLS

ROUTE 109

STA. 24+800.000 TO STA. 24+854.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	47	138

PIN 7998.20

WELLS

ROUTE 109

STA. 24+860.000 TO STA. 24+880.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	48	138

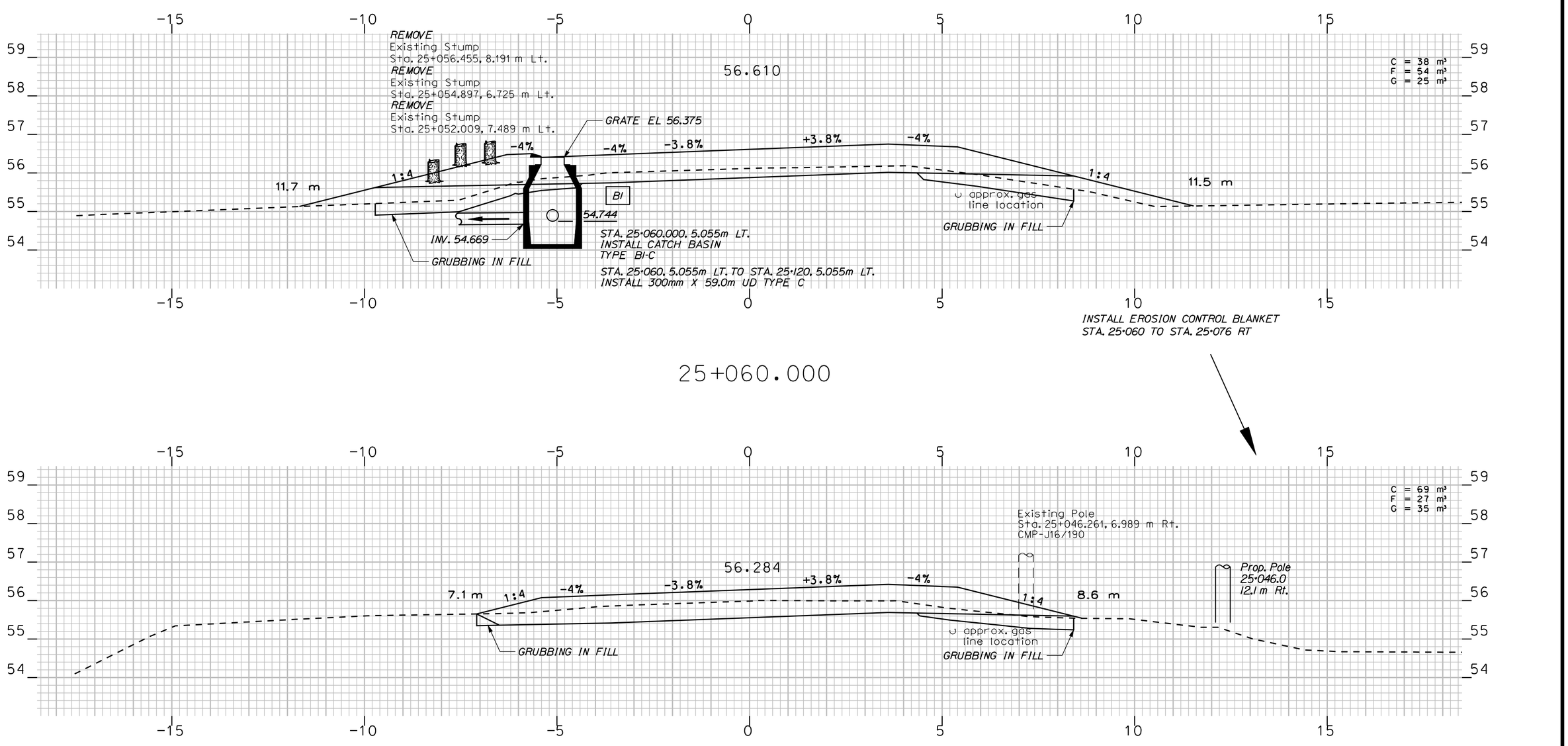
PIN 7998.20

WELLS

ROUTE 109

STA. 24+900.000 TO STA. 24+980.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	49	138

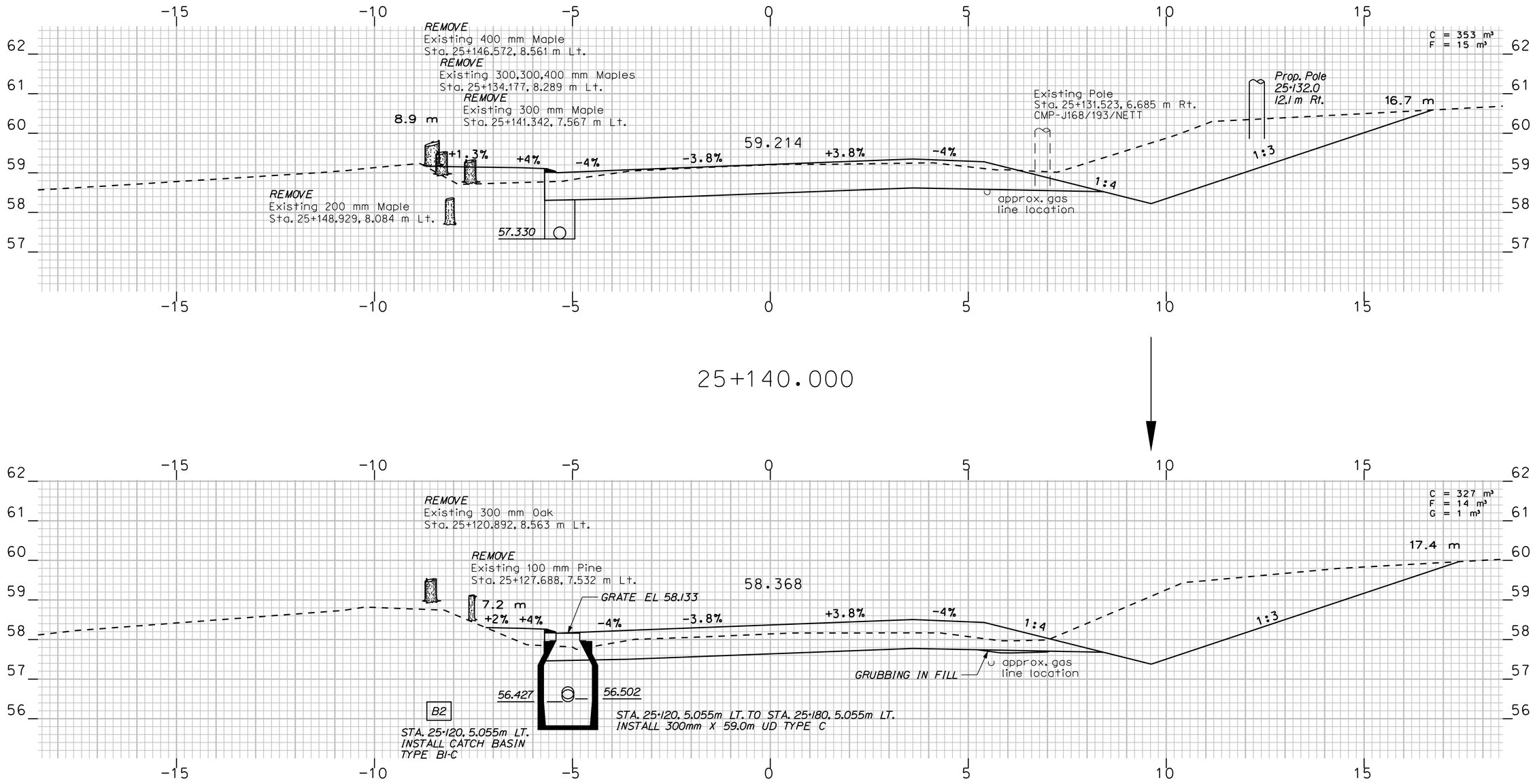
PIN 7998.20

WELLS

ROUTE 109

STA. 25+000.000 TO STA. 25+060.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	50	138

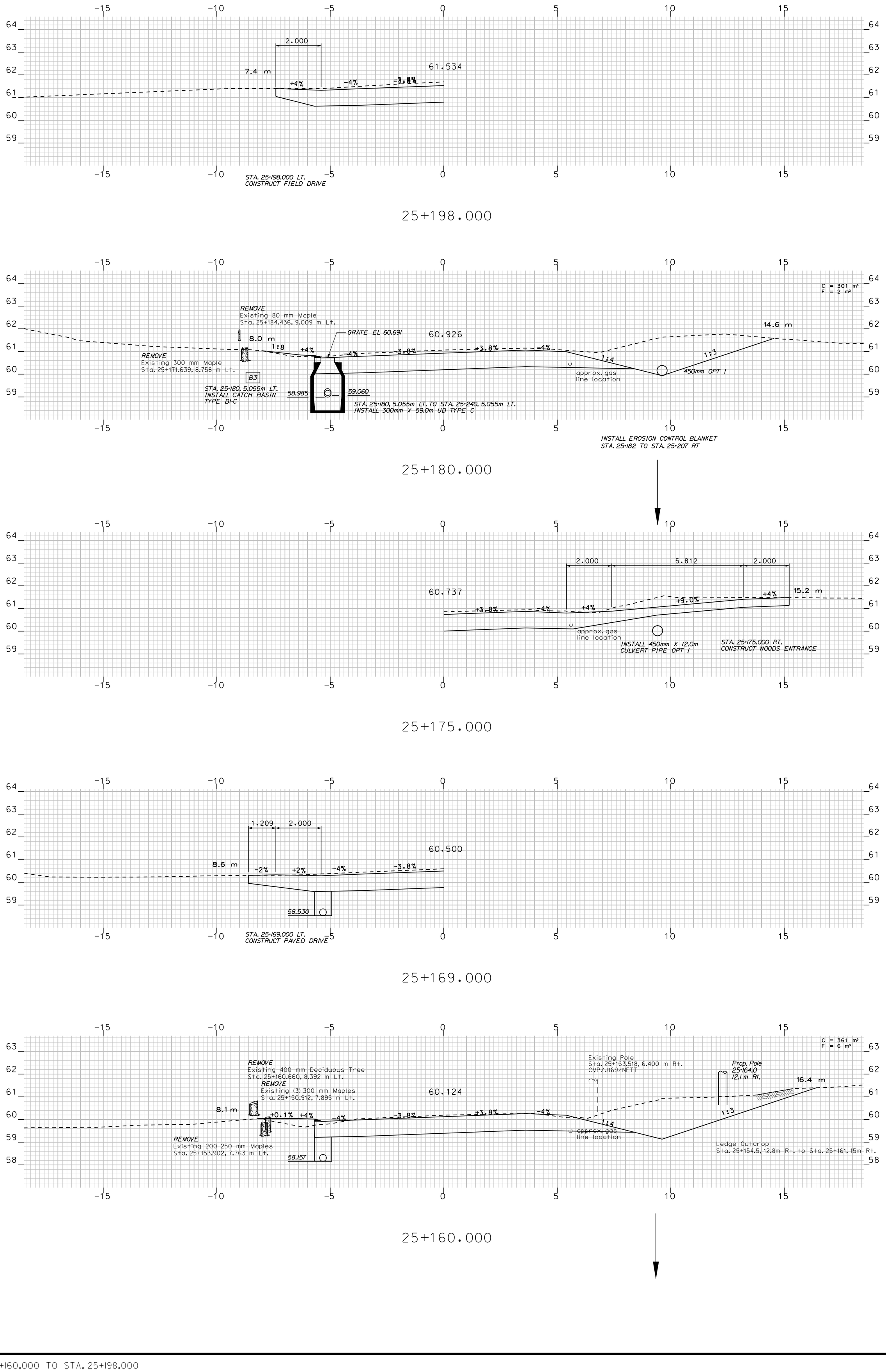
PIN 7998.20

WELLS

ROUTE 109

STA. 25+064.000 TO STA. 25+140.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	51	138

PIN 7998.20

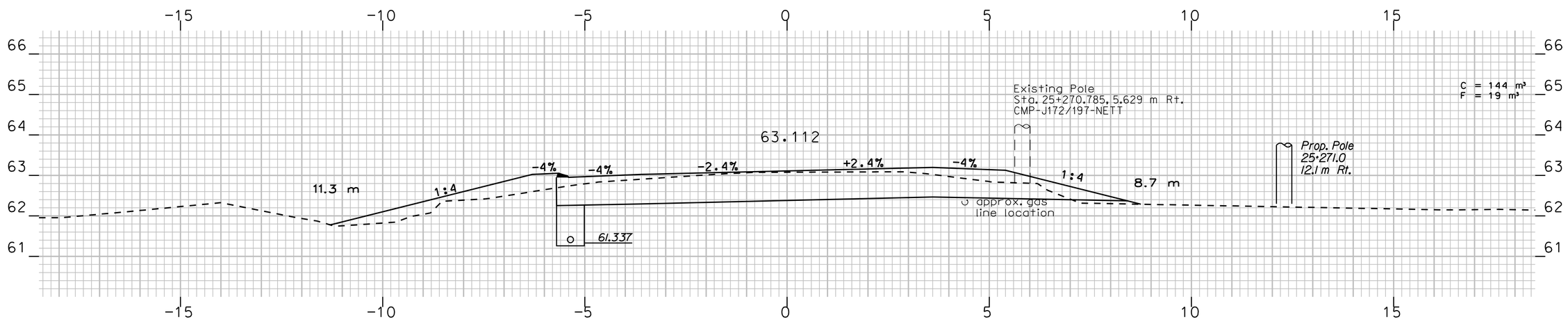
WELLS

ROUTE 109

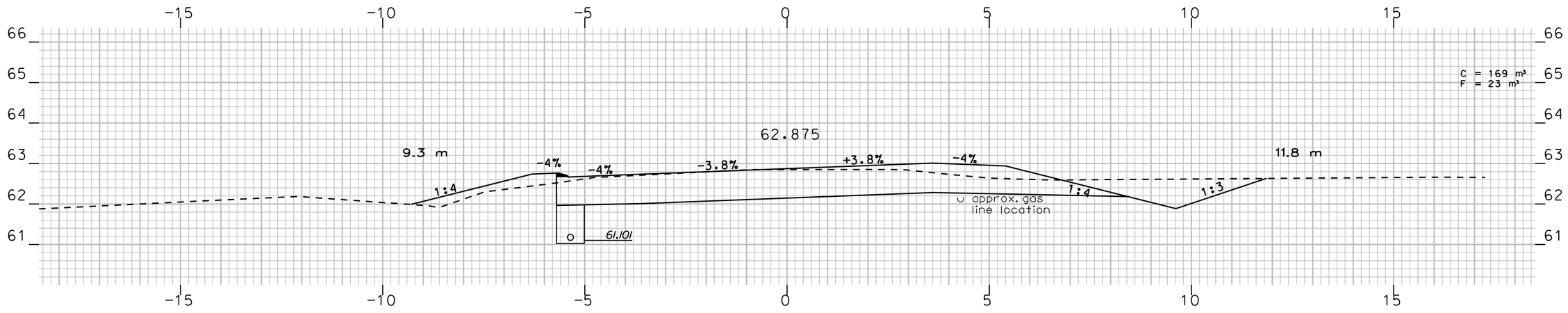
STA. 25+160.000 TO STA. 25+198.000

Filename: ...\044_24720-25414_001.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

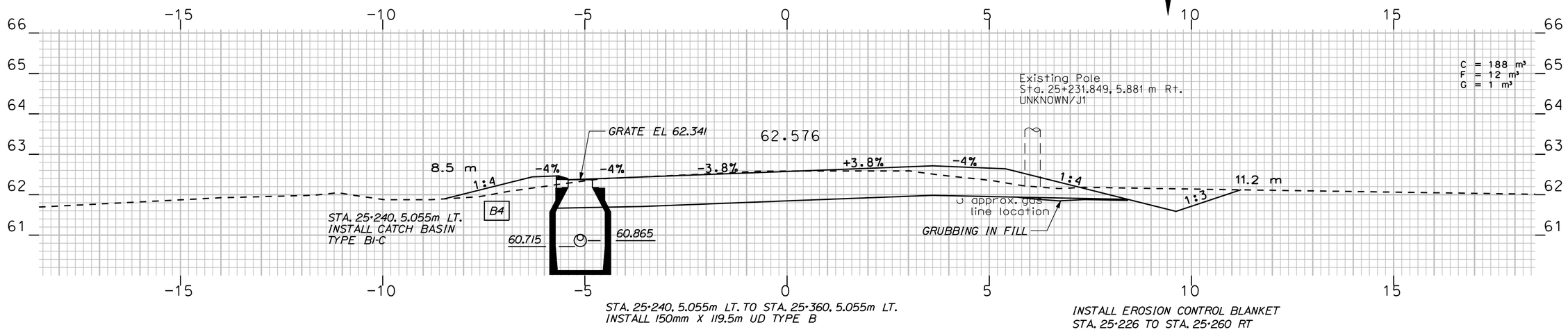
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



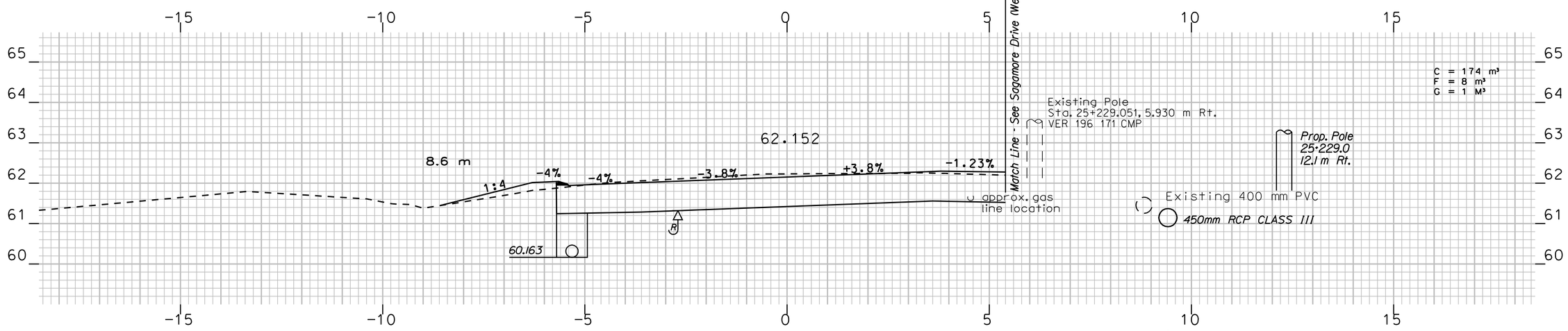
25+280.000



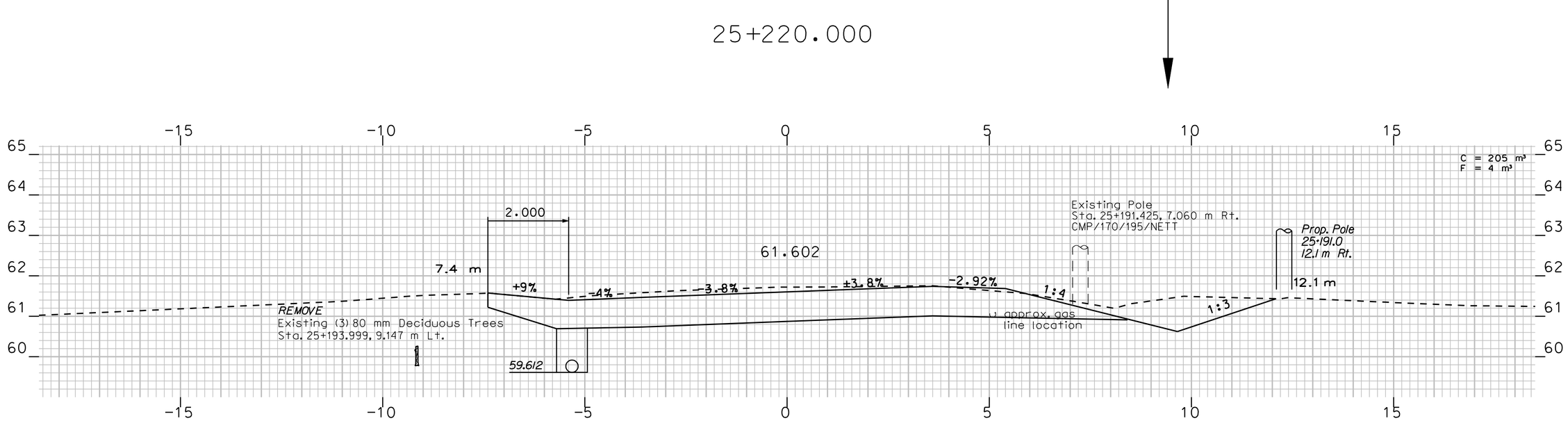
25+260.000



25+240.000



25+220.000



25+200.000

METRIC
1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	52	138

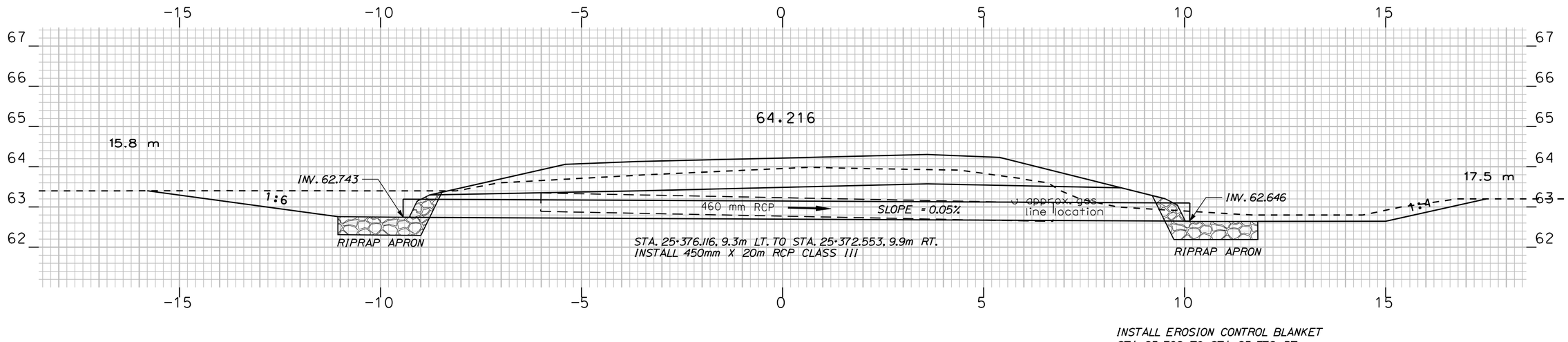
PIN 7998.20

WELLS

ROUTE 109

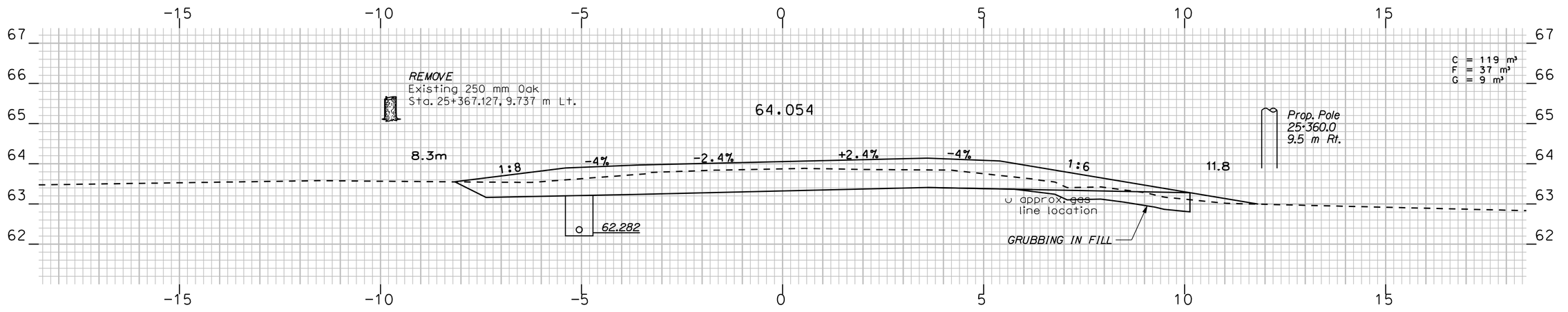
STA. 25+200.000 TO STA. 25+280.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

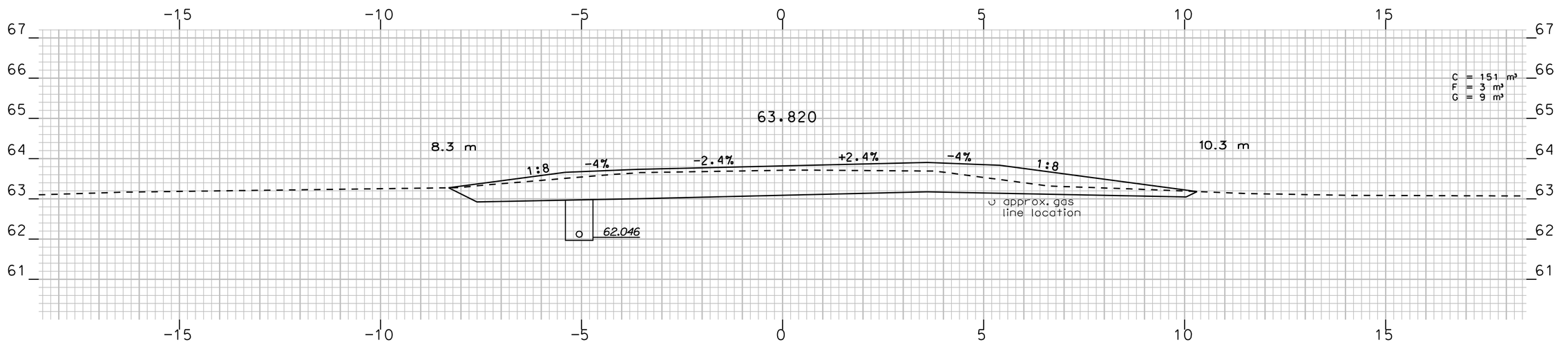


INSTALL EROSION CONTROL BLANKET
STA. 25+362 TO STA. 25+372 RT

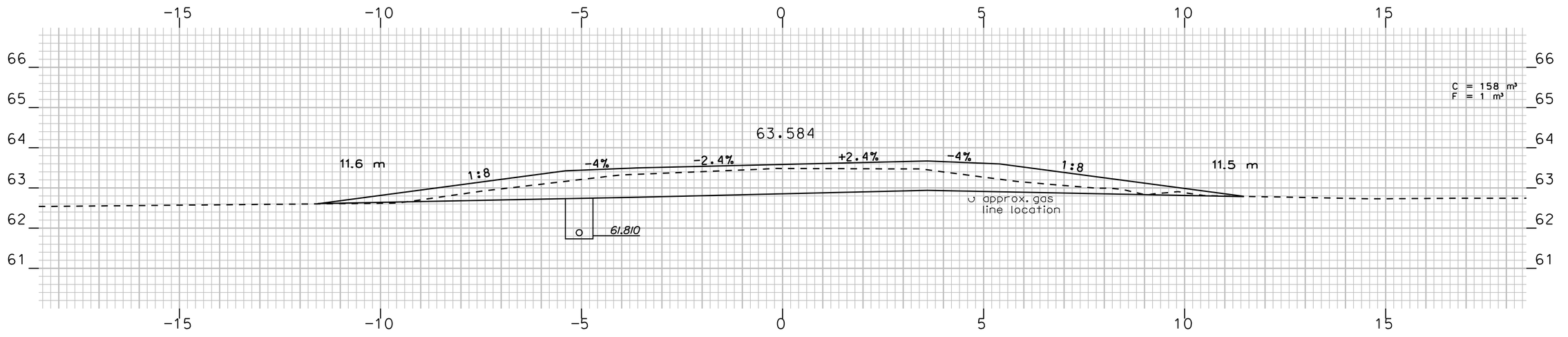
25+374.403
(SKEWED SECTION - CULVERT)



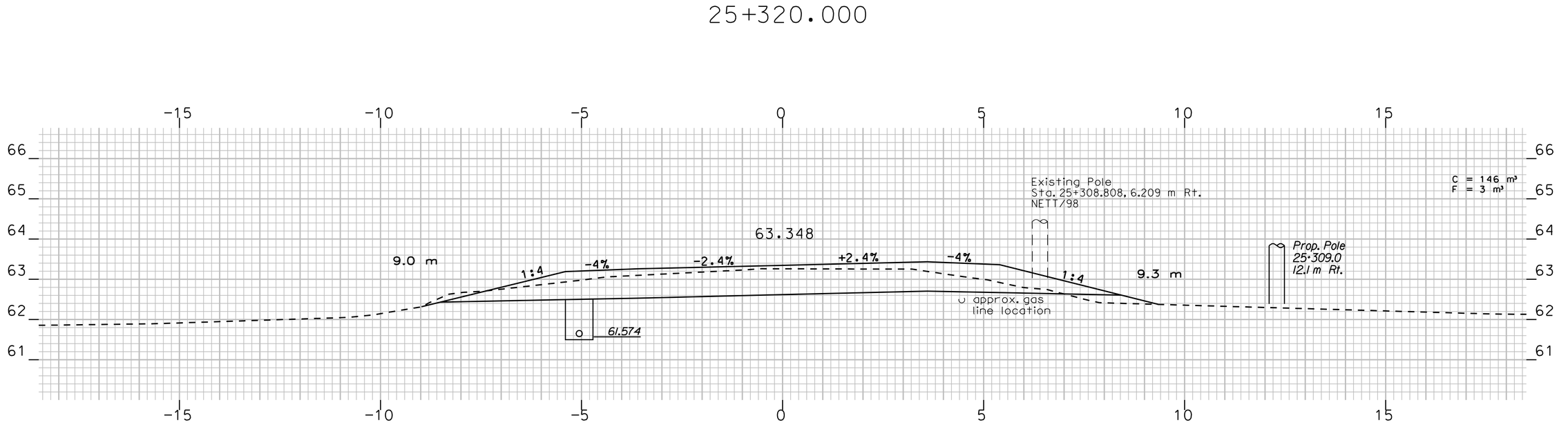
25+360.000



25+340.000



25+320.000



25+300.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	53	138

PIN 7998.20

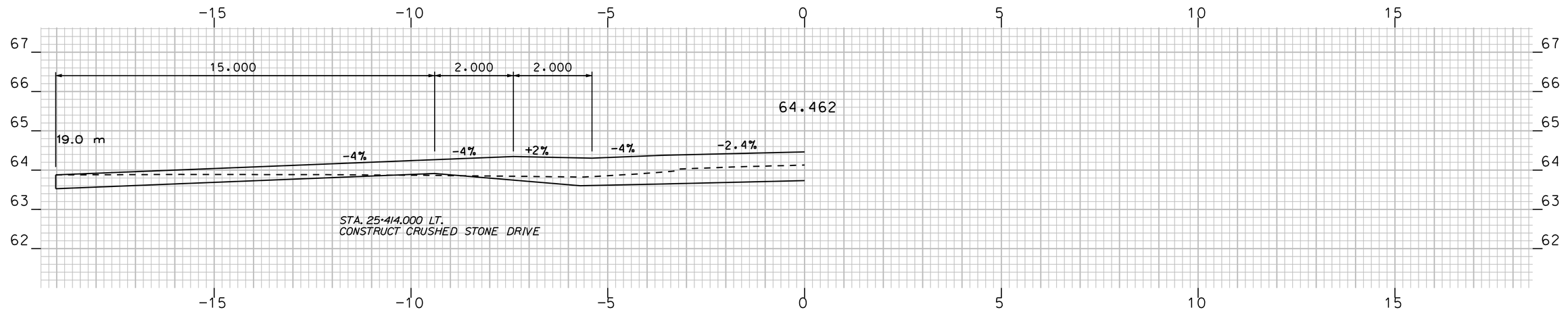
WELLS

ROUTE 109

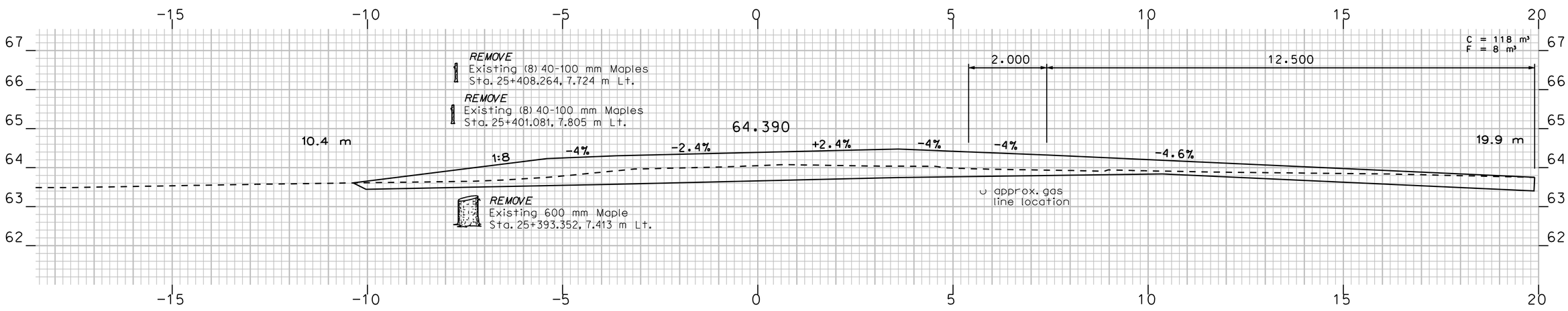
STA. 25+300.000 TO STA. 25+374.403

Filename: ...\044_24720-25414_001.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

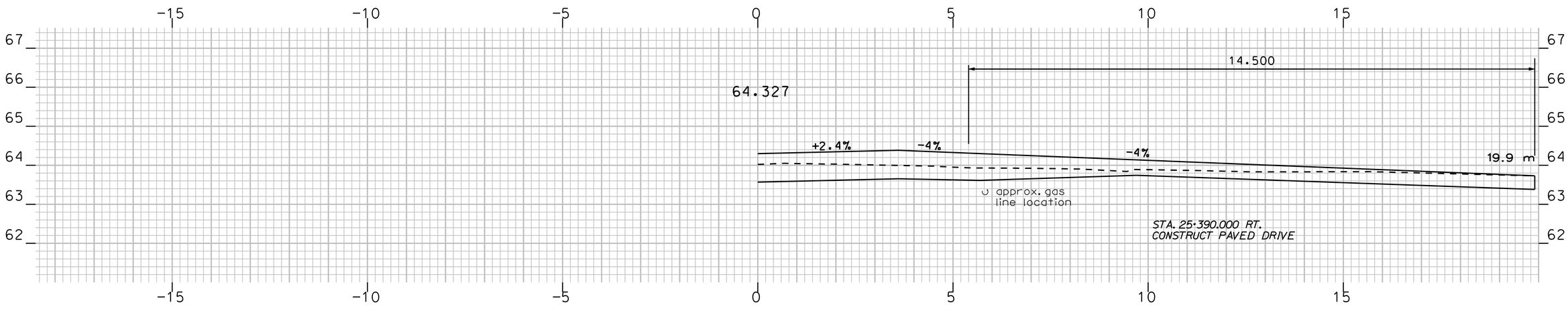
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



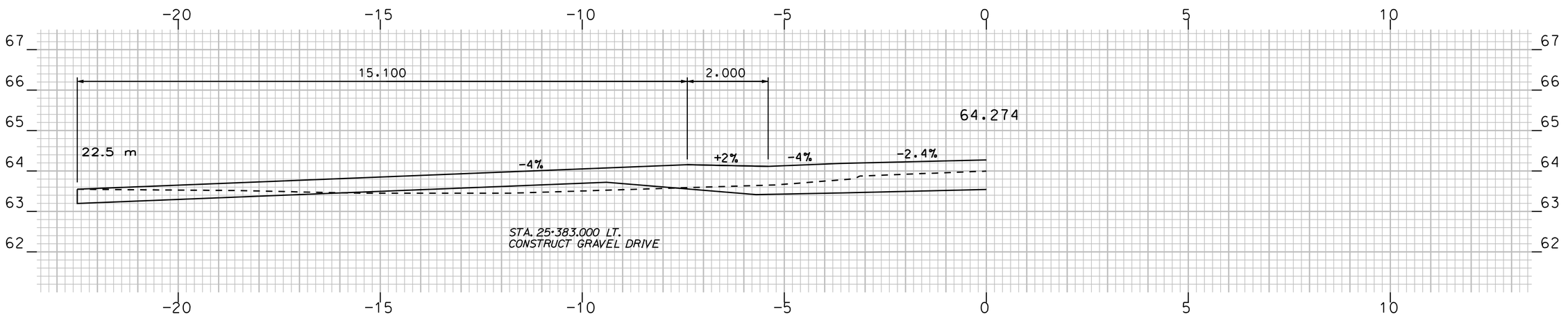
25+414.000



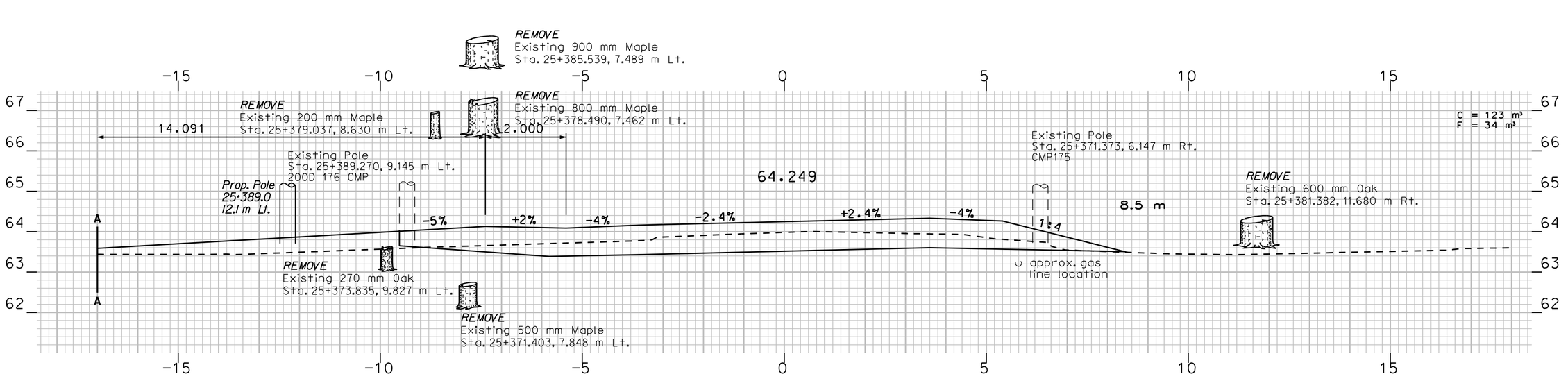
25+400.000

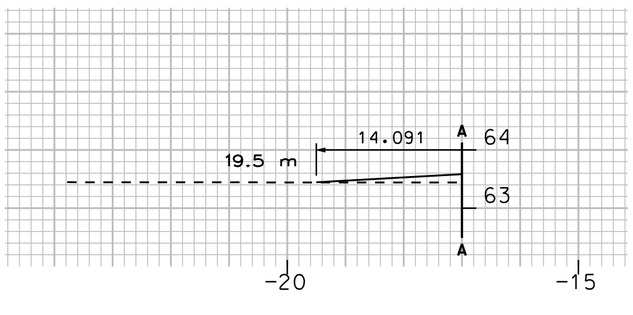


25+390.000



25+383.000





25+380.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	54	138

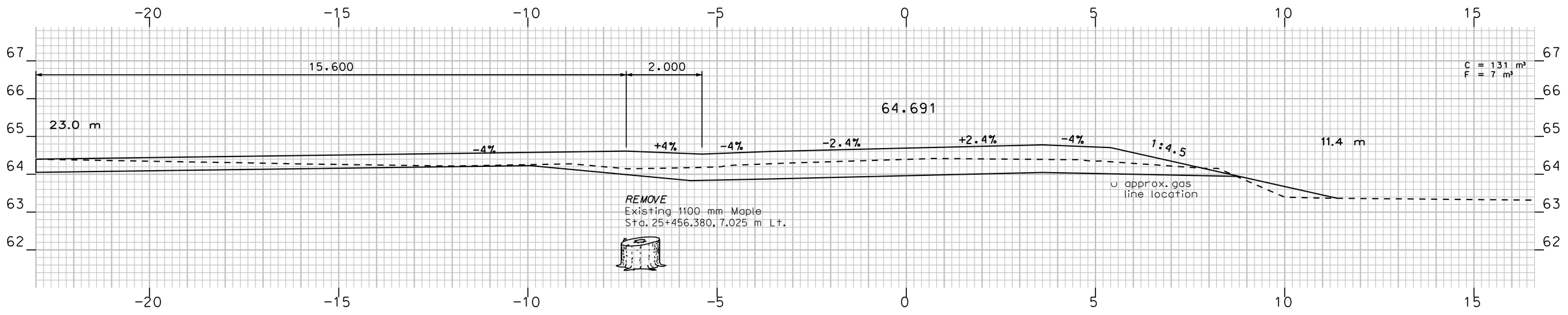
PIN 7998.20

WELLS

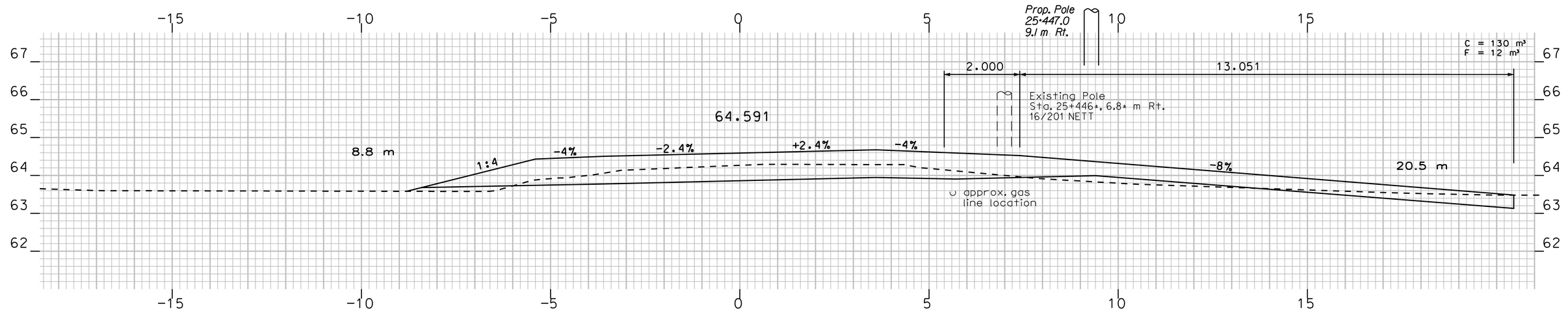
ROUTE 109

STA. 25+380.000 TO STA. 25+414.000

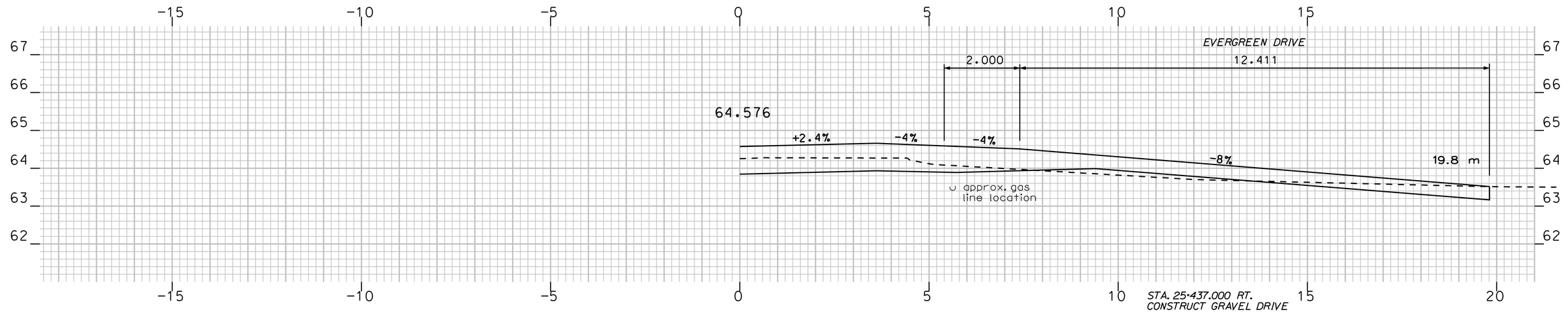
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



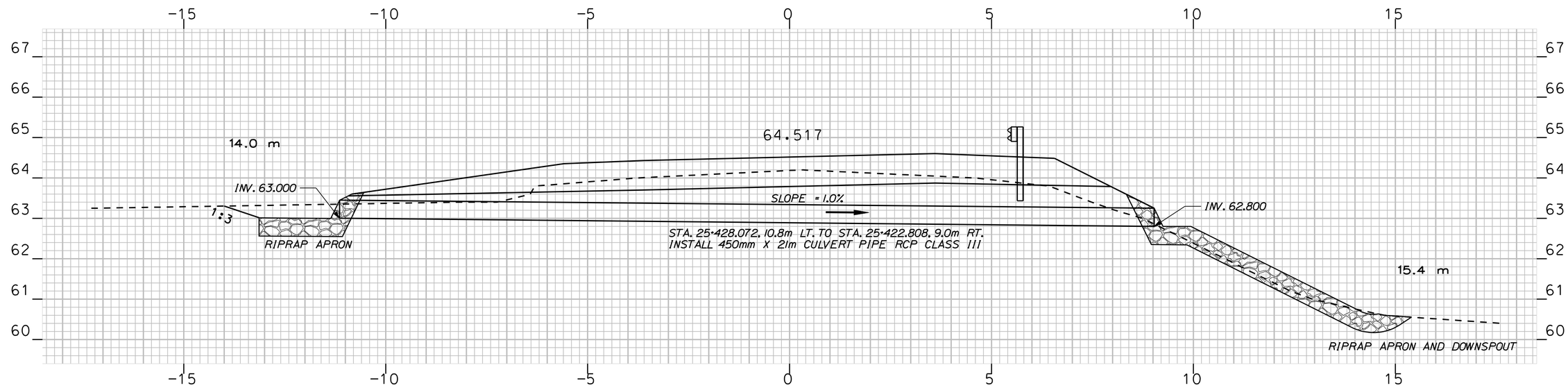
25+460.000



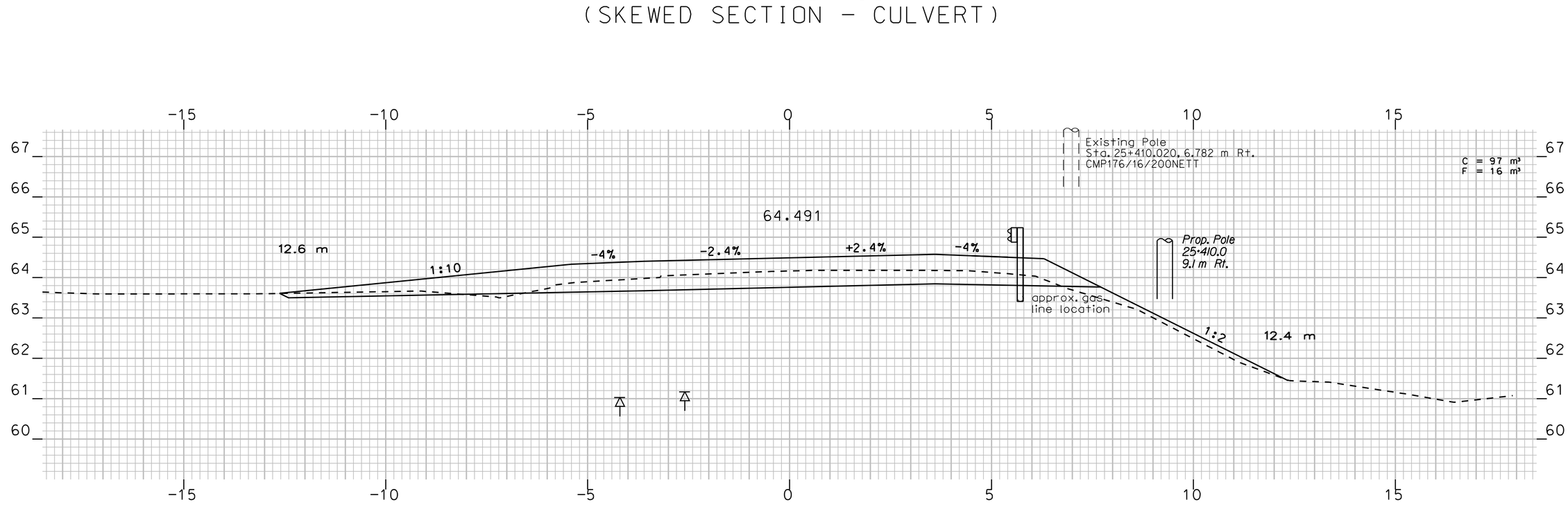
25+440.000



25+437.000



25+425.160
(SKEWED SECTION - CULVERT)



25+420.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	55	138

PIN 7998.20

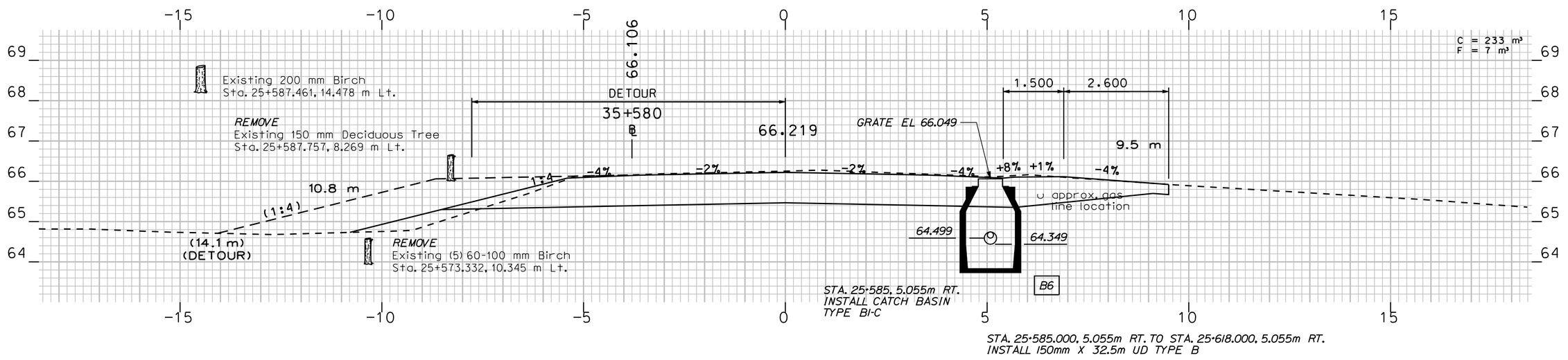
WELLS

ROUTE 109

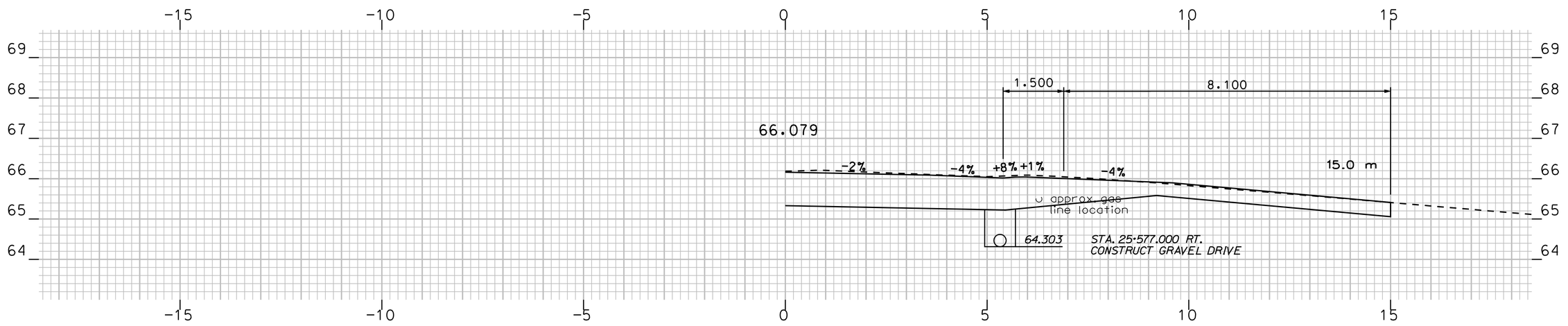
STA. 25+420.000 TO STA. 25+460.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

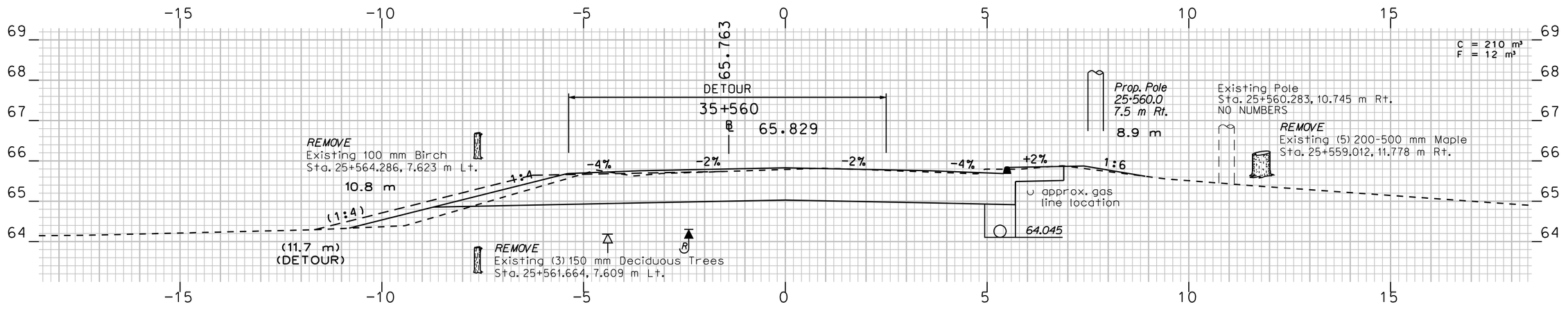
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



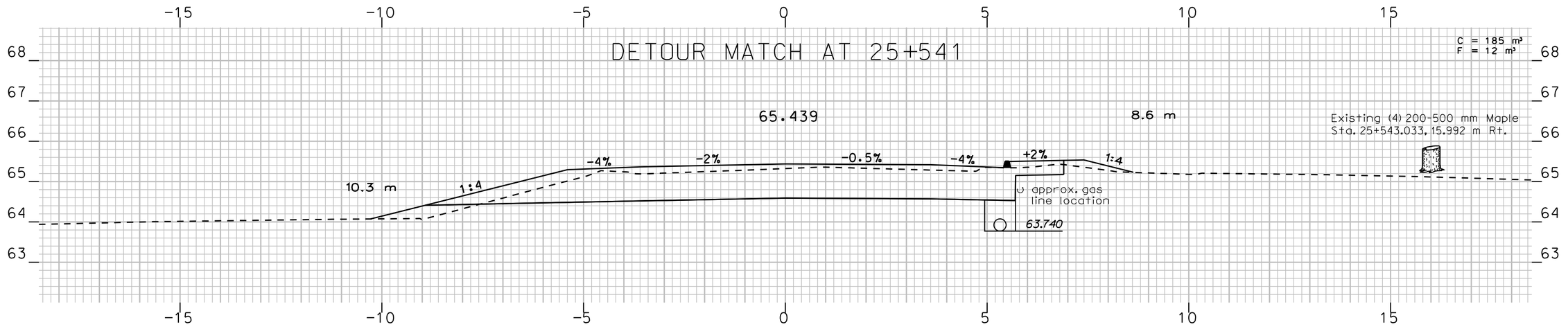
25+580.000



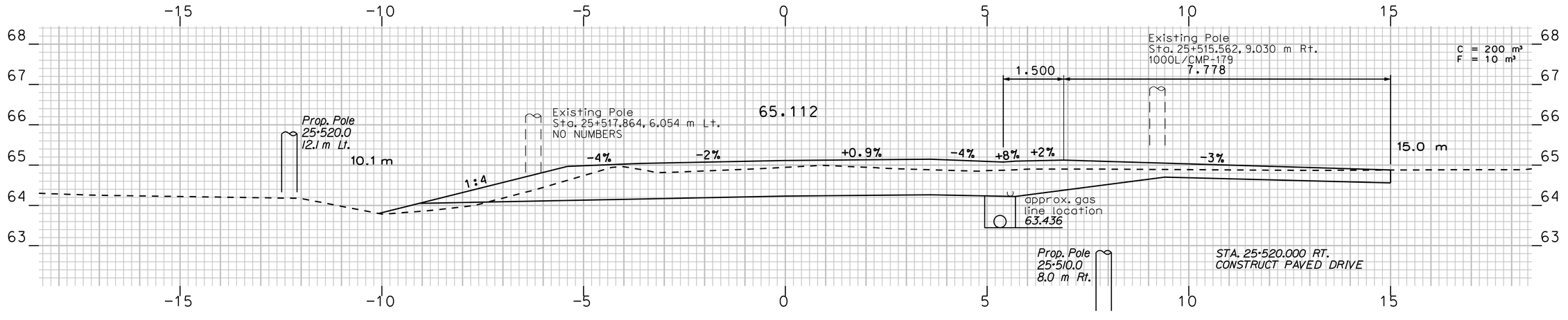
25+577.000



25+560.000



25+540.000



25+520.000

25+515.323
(SKEWED SECTION-DRAINAGE OUTLET)

STA. 25+515.323 TO STA. 25+580.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

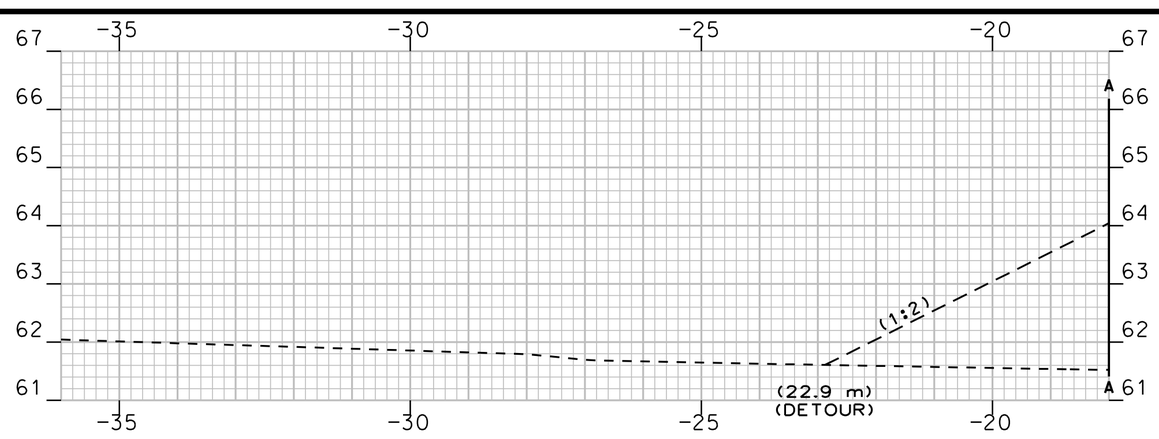
F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	57	138

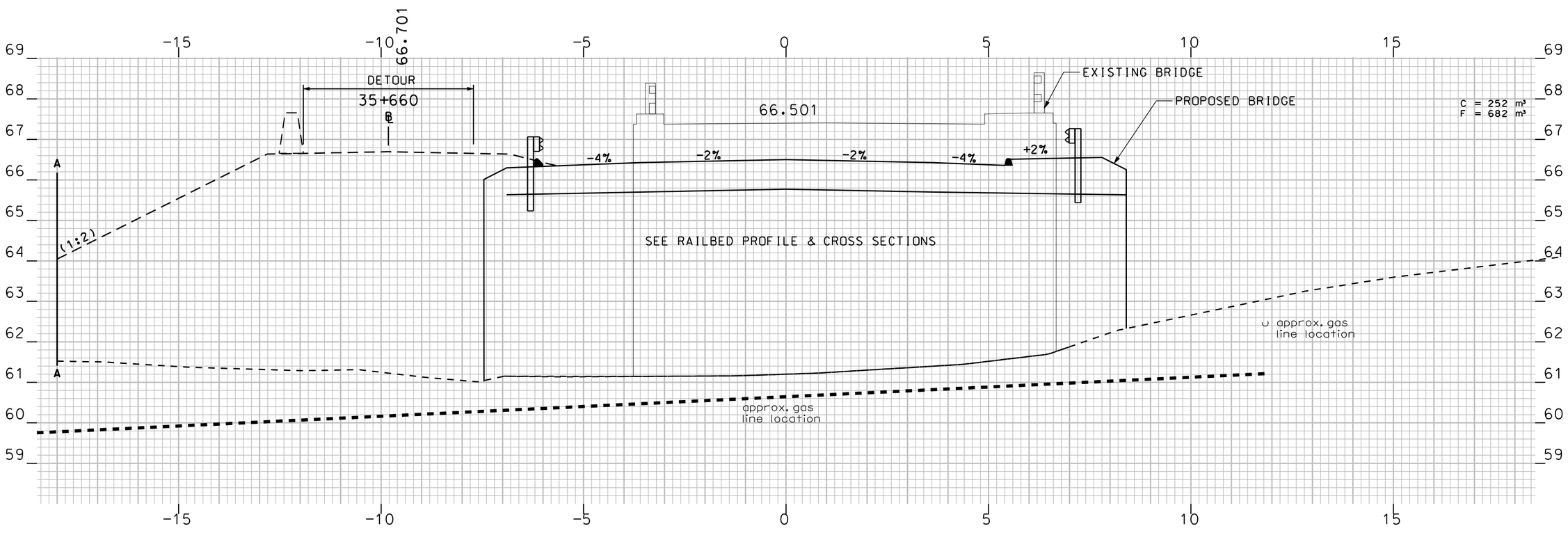
PIN 7998.20

WELLS

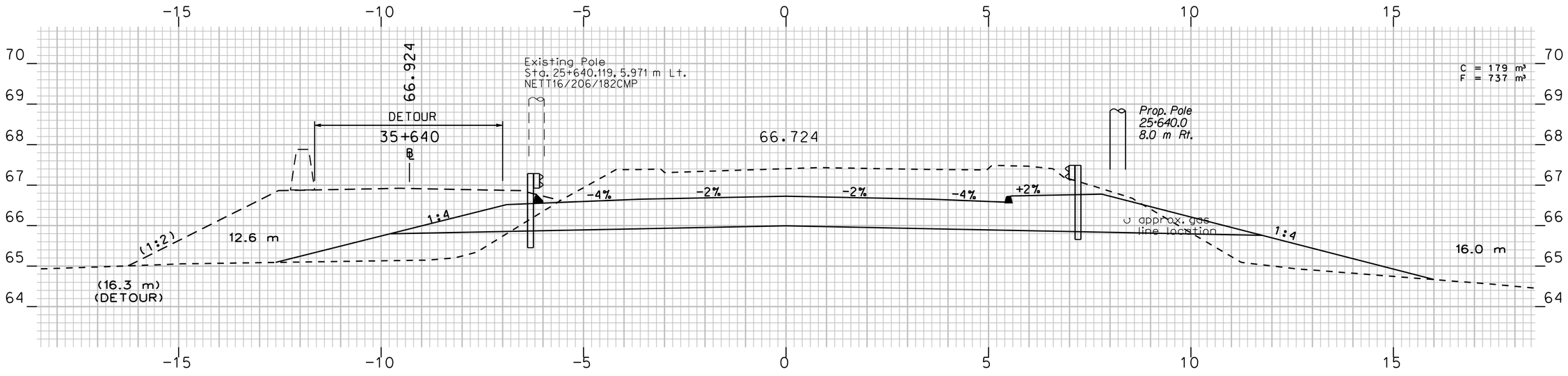
ROUTE 109

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

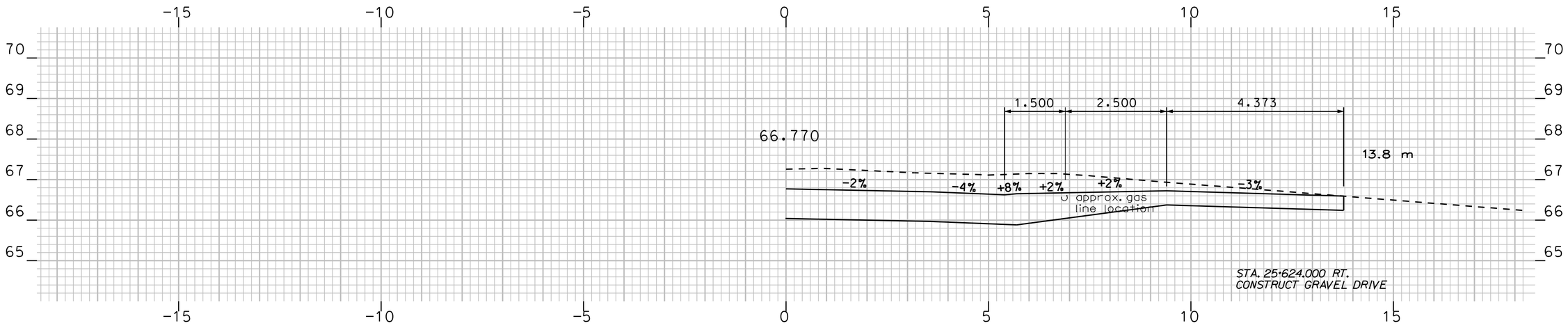




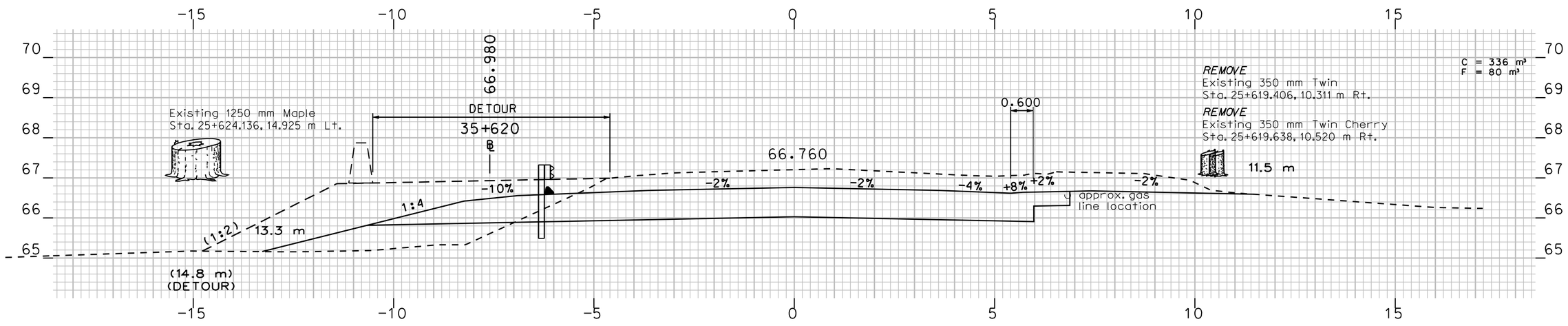
25+660.000



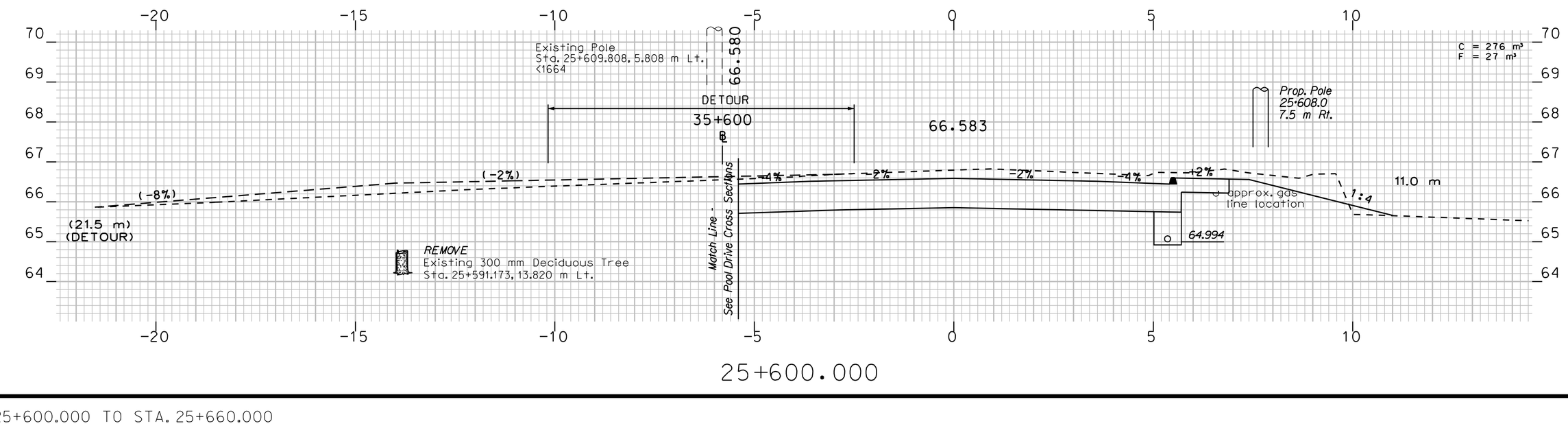
25+640.000



25+624.000



25+620.000



25+600.000

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

METRIC

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	58	138

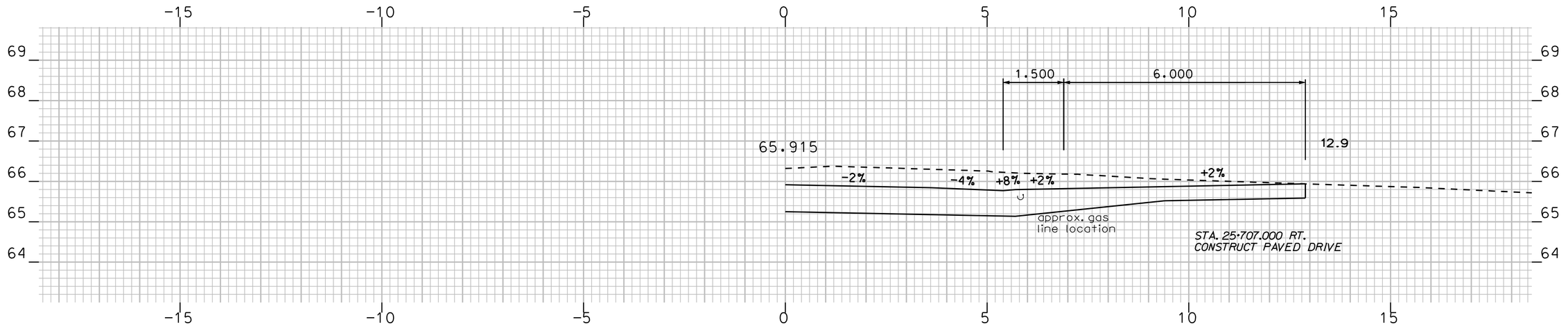
PIN 7998.20

WELLS

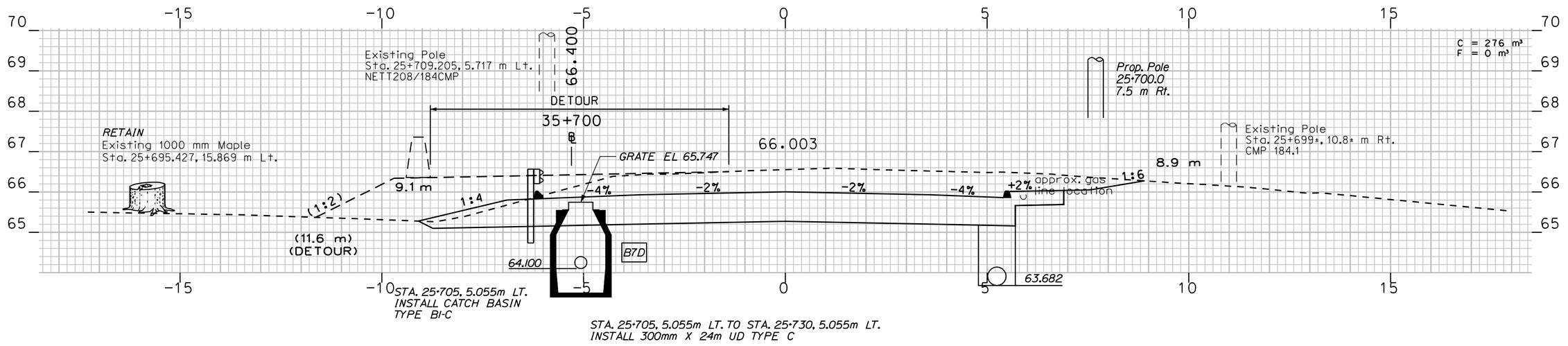
ROUTE 109

STA. 25+600.000 TO STA. 25+660.000

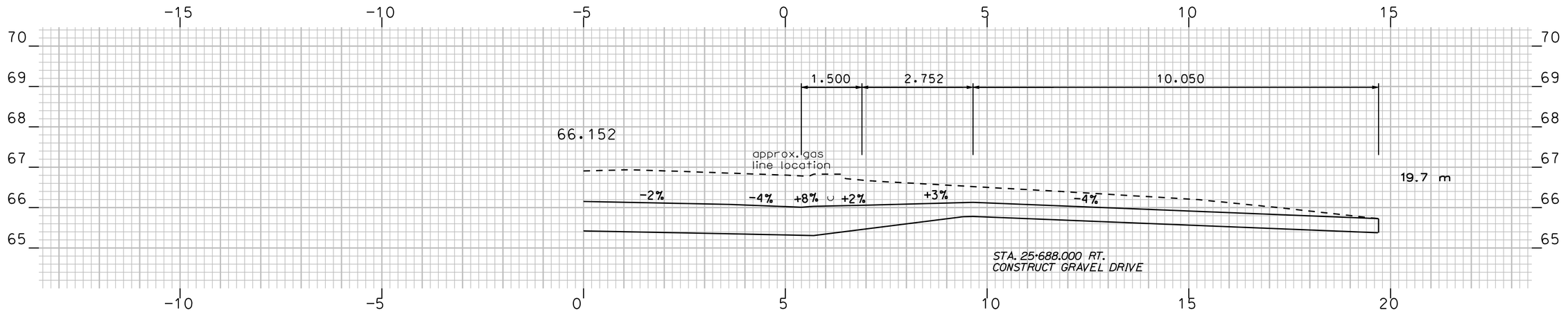
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



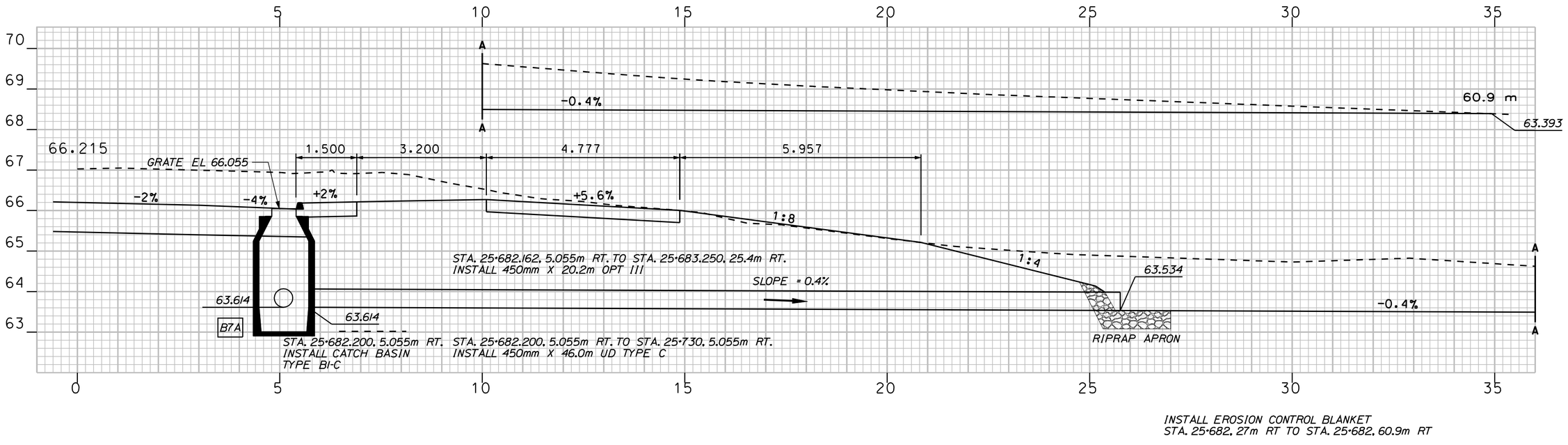
25+707.000



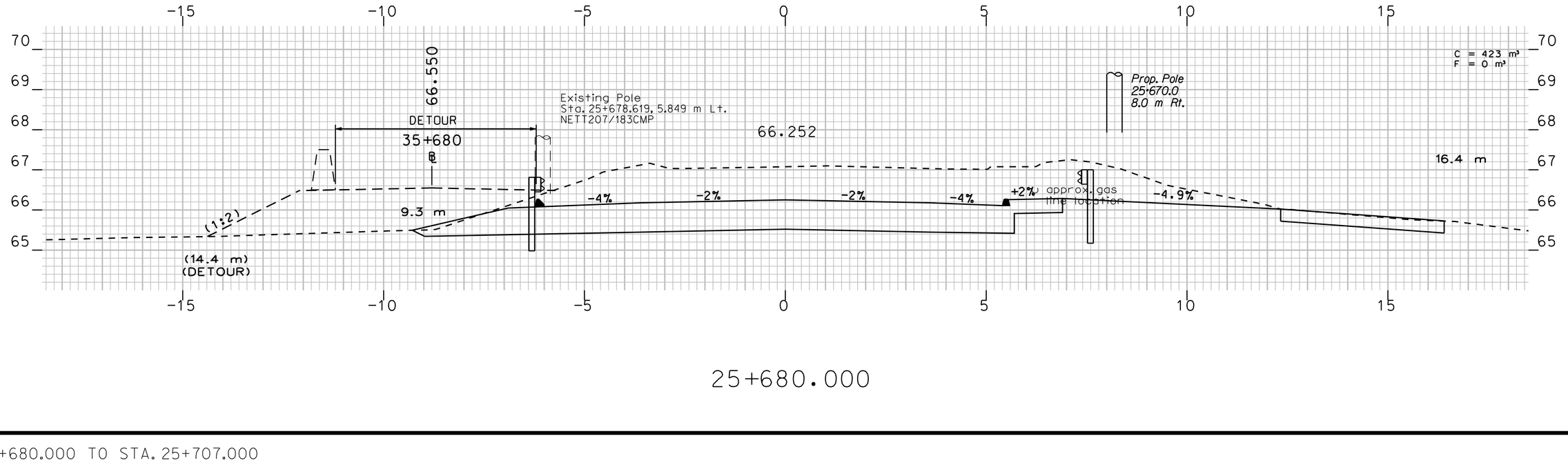
25+700.000



25+688.000 (SKEWED @ RT 8.824)



25+683.000



25+680.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	59	138

PIN 7998.20

WELLS

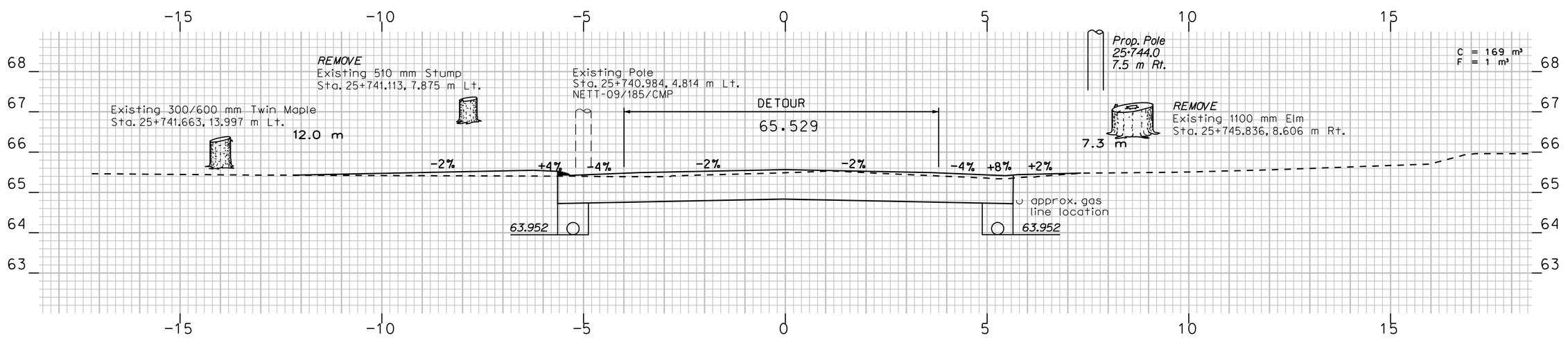
ROUTE 109

STA. 25+680.000 TO STA. 25+707.000

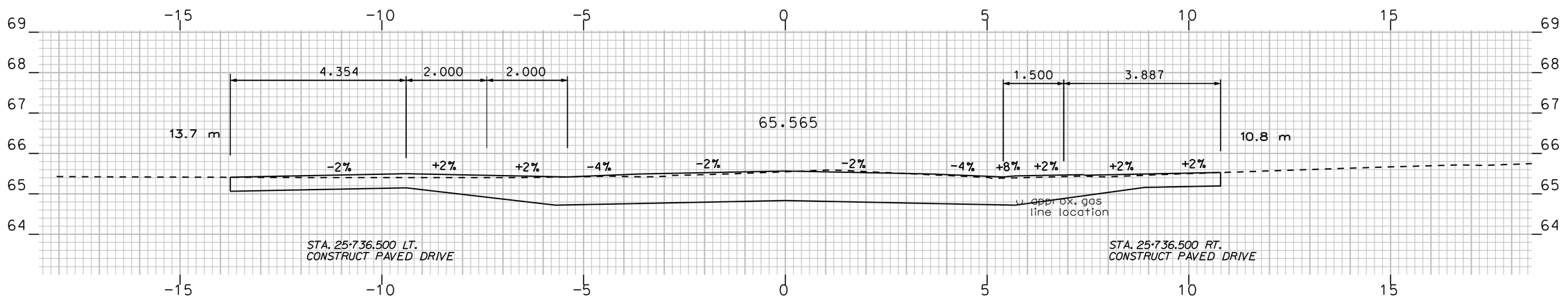
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PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

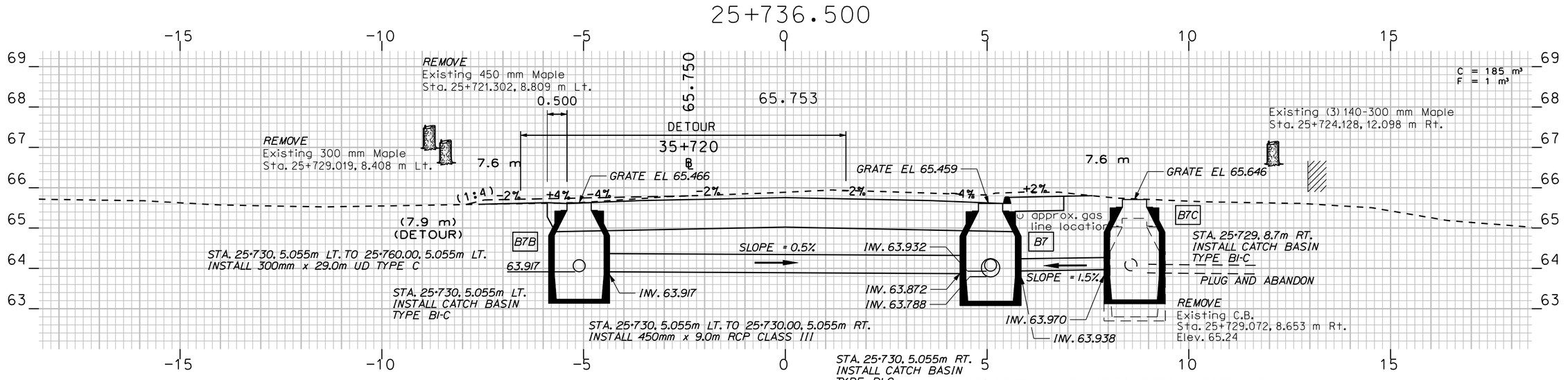
DETOUR MATCH AT 25+751+



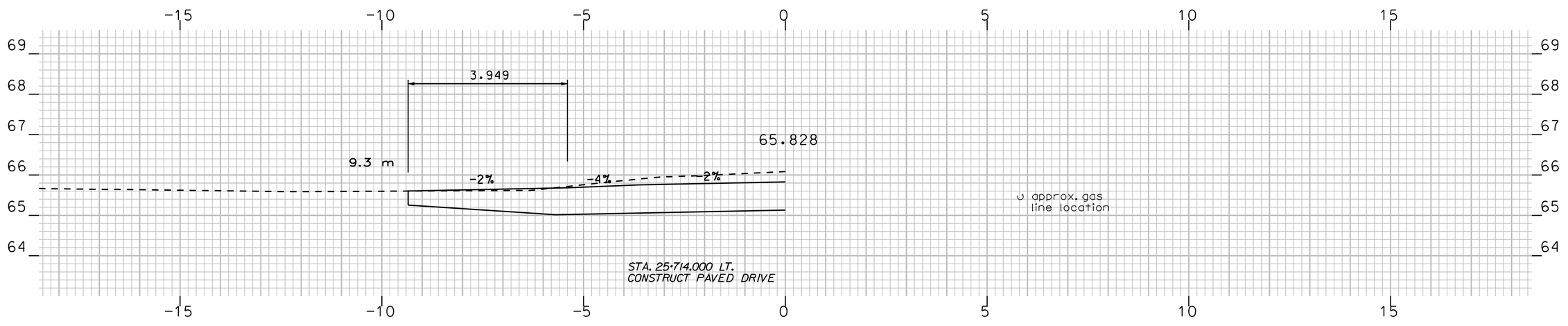
25+740.000



25+736.500



25+720.000



25+714.000

STA. 25+714.000 TO STA. 25+740.000

WELLS

ROUTE 109

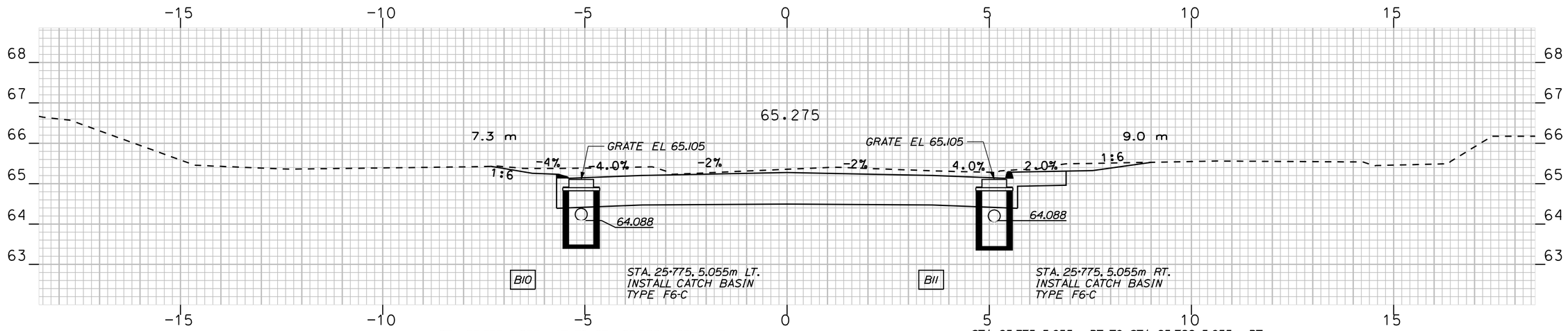
METRIC

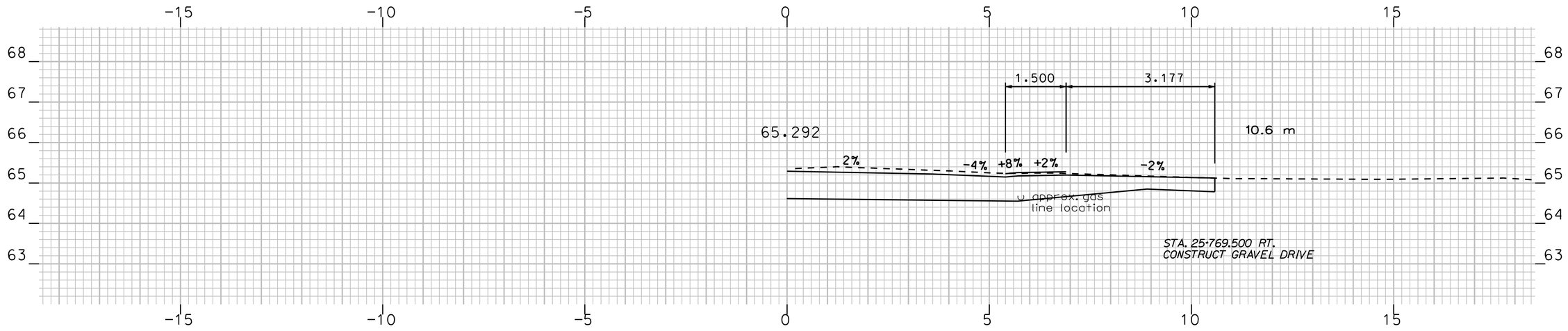
1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

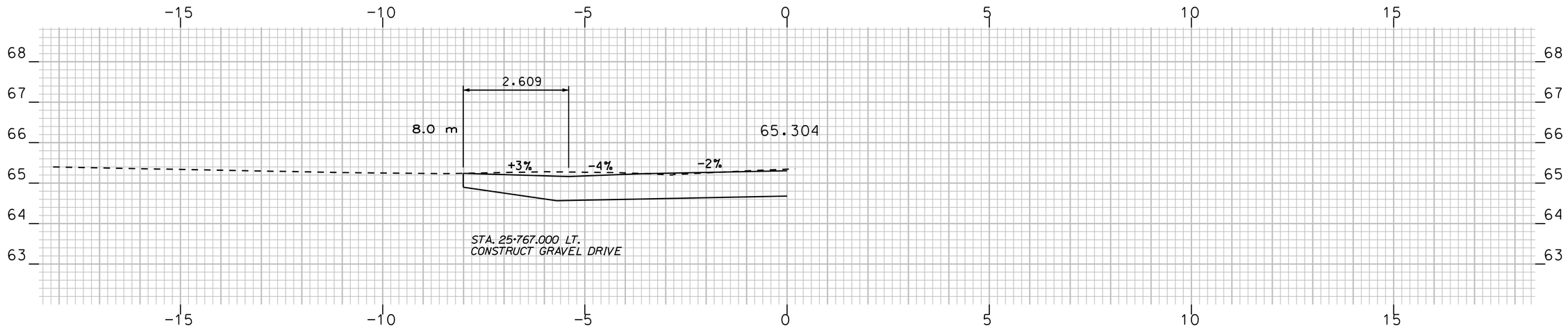
PIN 7998.20

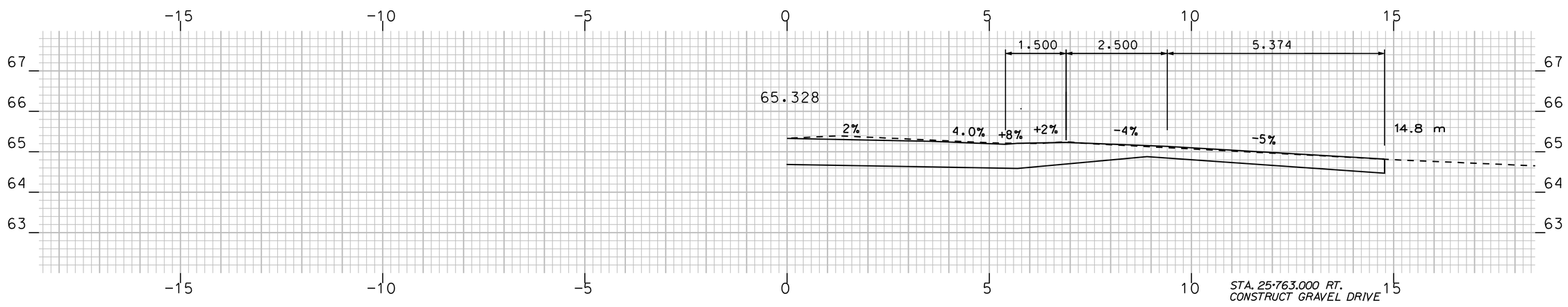
F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	60	138

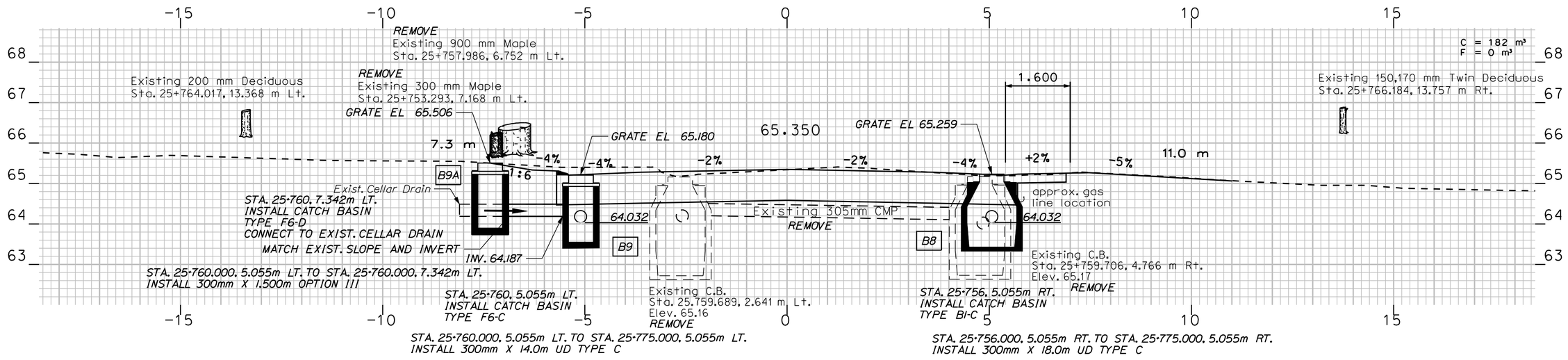
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			











METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	61	138

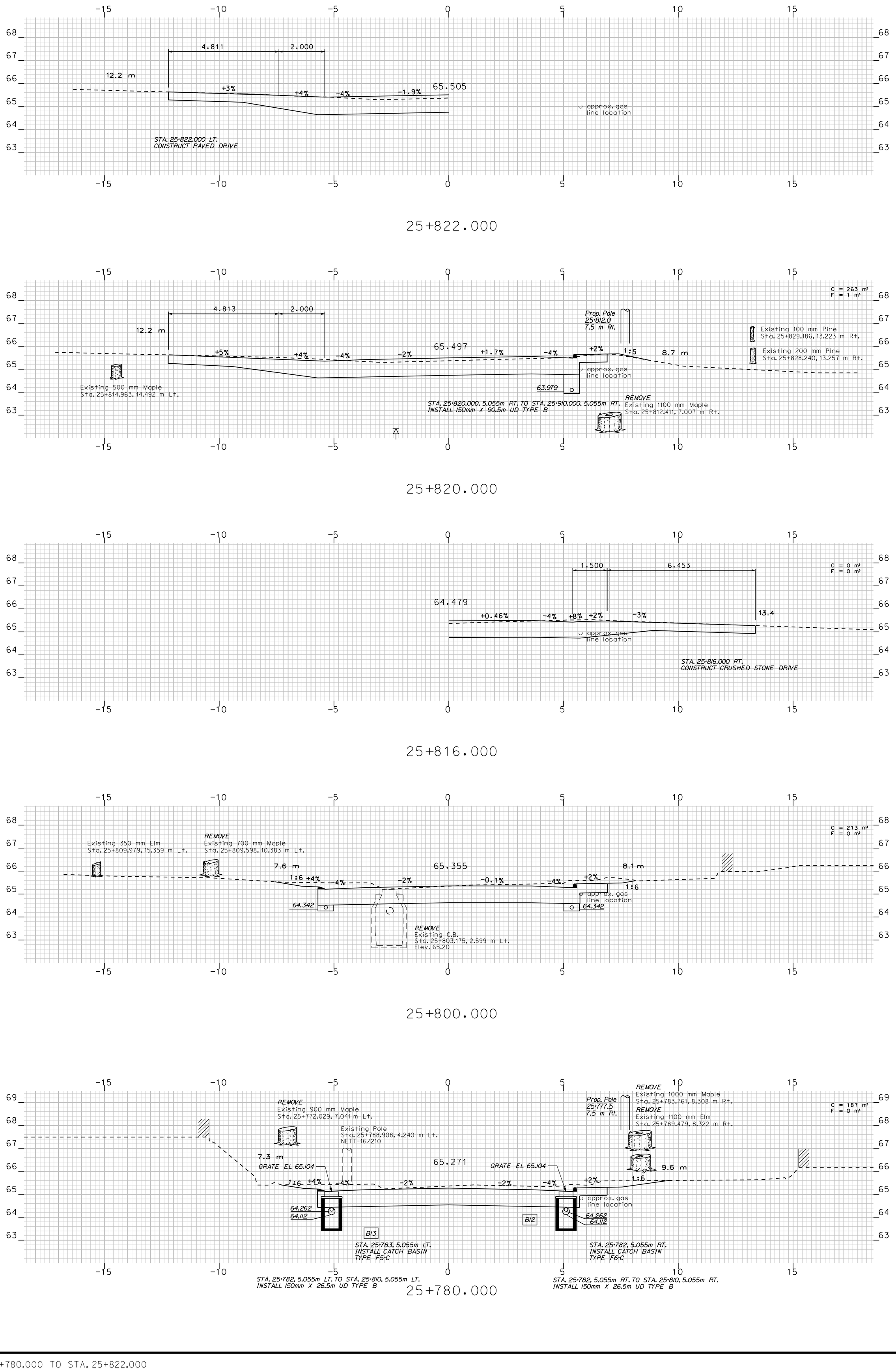
PIN 7998.20

WELLS

ROUTE 109

STA. 25+760.000 TO STA. 25+775.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	62	138

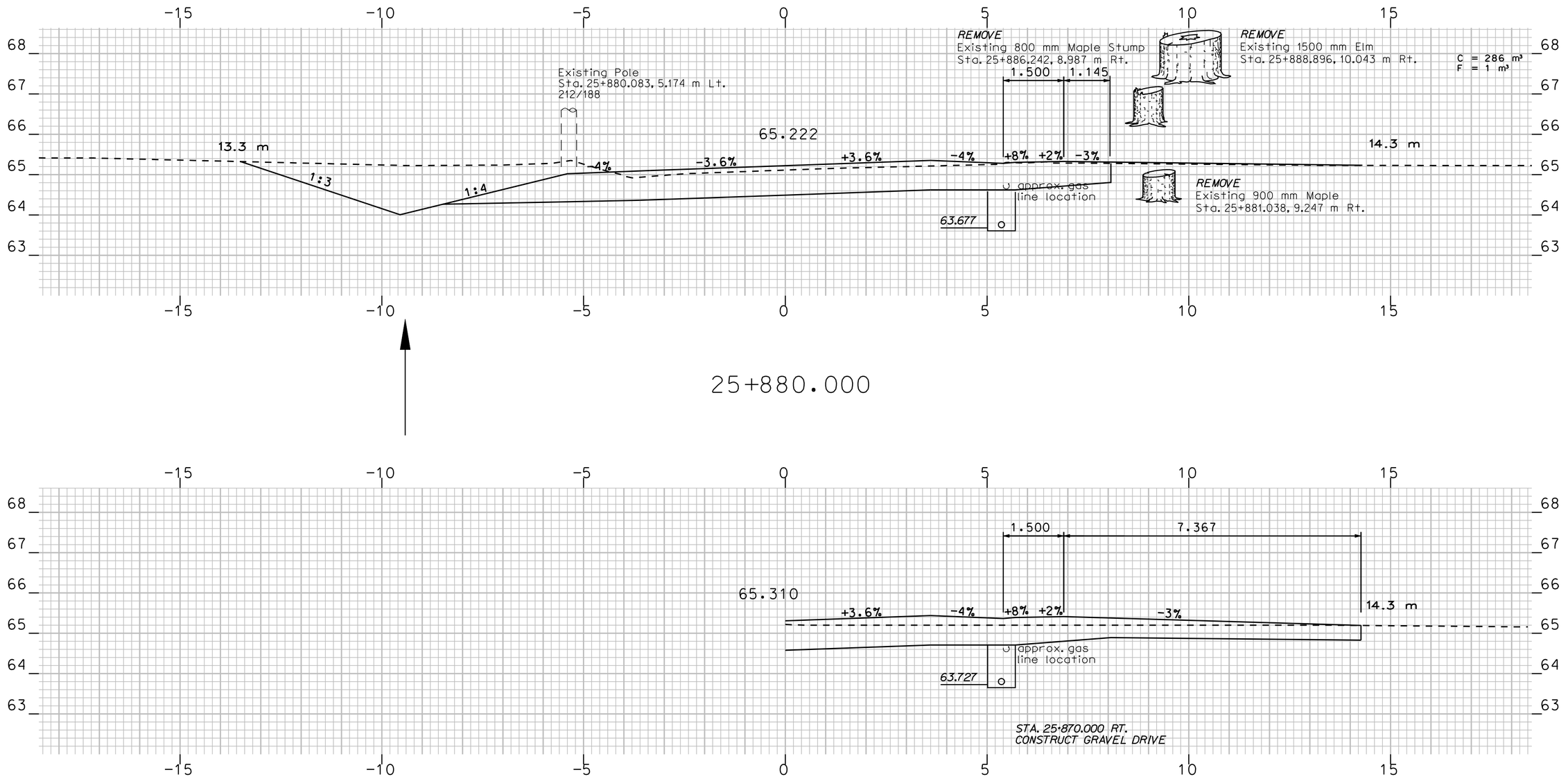
PIN 7998.20

WELLS

ROUTE 109

STA. 25+780.000 TO STA. 25+822.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	63	138

PIN 7998.20

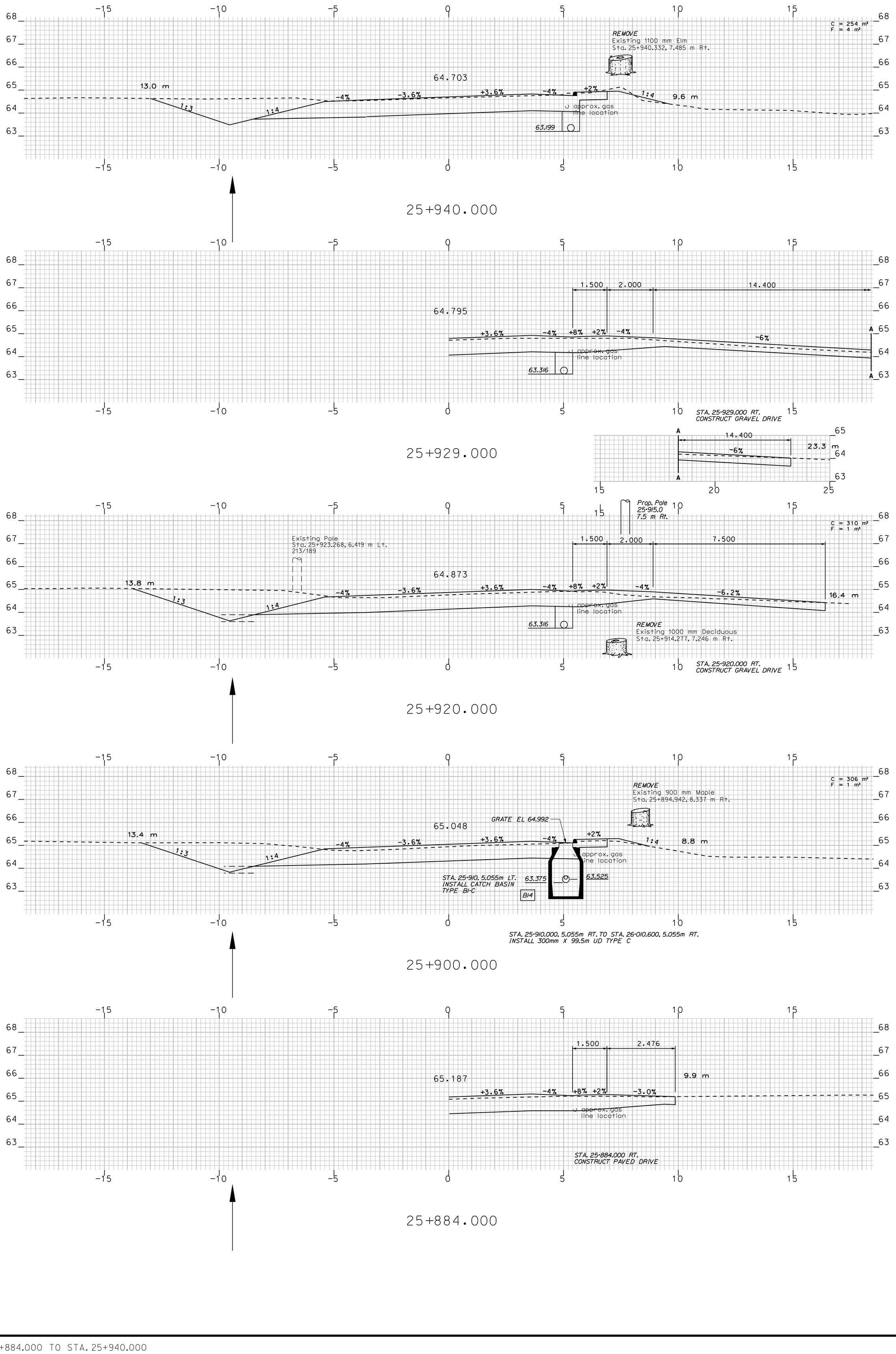
WELLS

ROUTE 109

STA. 25+840.000 TO STA. 25+880.000

Filename: ...\045_25420-26030_002.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	64	138

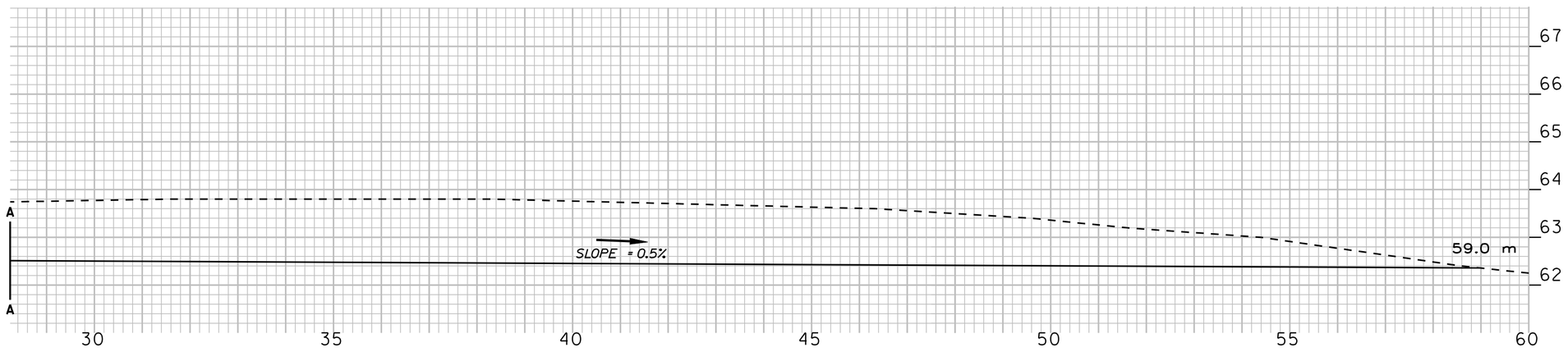
PIN 7998.20

WELLS

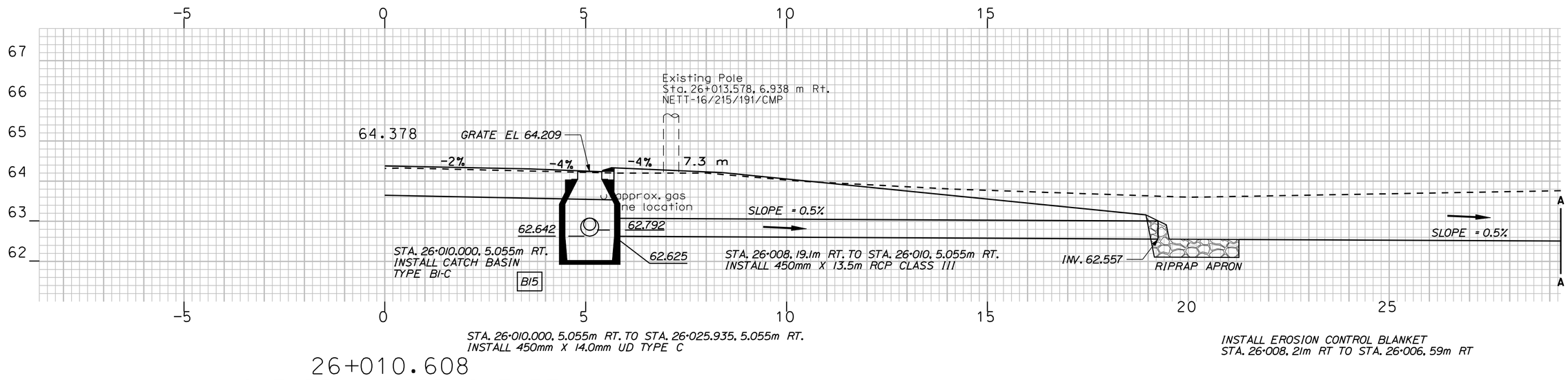
ROUTE 109

STA. 25+884.000 TO STA. 25+940.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



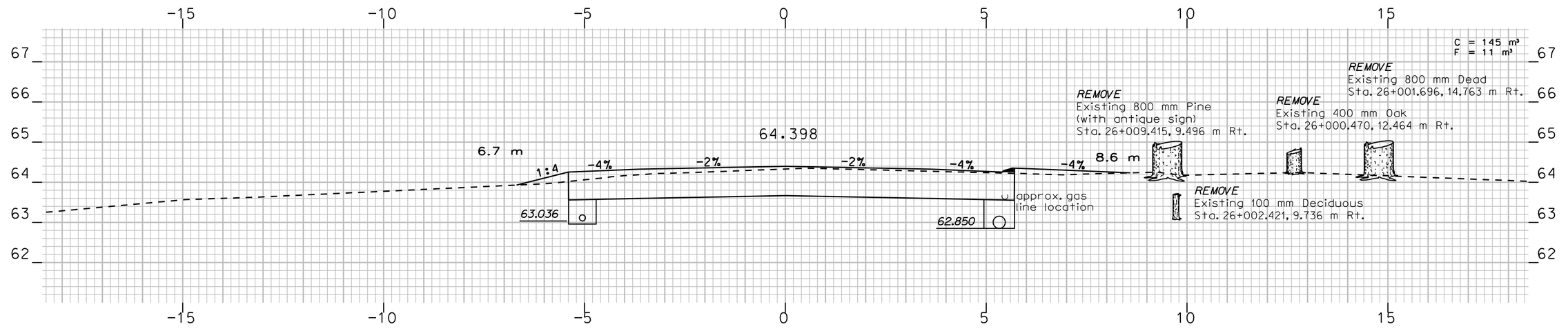
ANGLE POINT IN DITCHLINE AT 51.3m RT



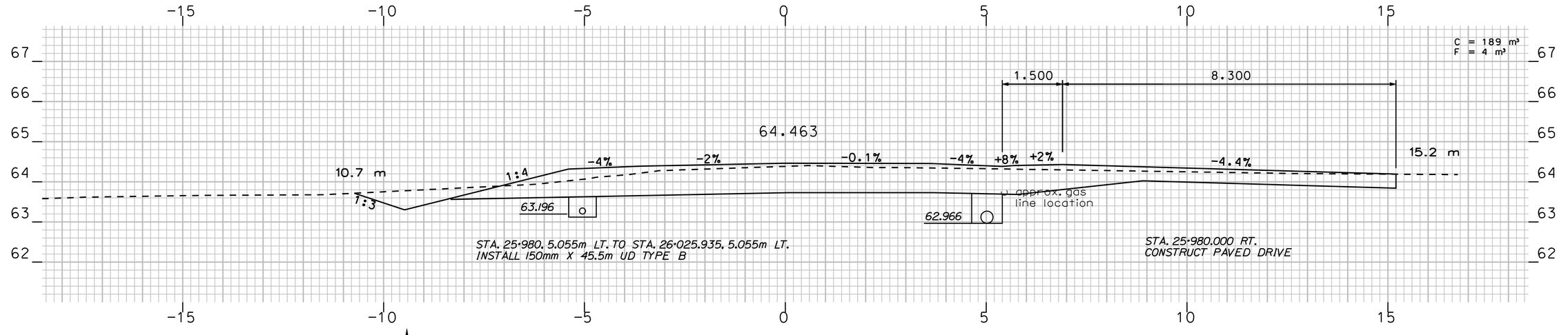
STA. 26+010.000, 5.055m RT. TO STA. 26+025.935, 5.055m RT.
INSTALL 450mm X 14.0mm UD TYPE C

INSTALL EROSION CONTROL BLANKET
STA. 26+008. 21m RT TO STA. 26+006. 59m RT

26+010.608
(SKEWED - PIPE OUTLET)



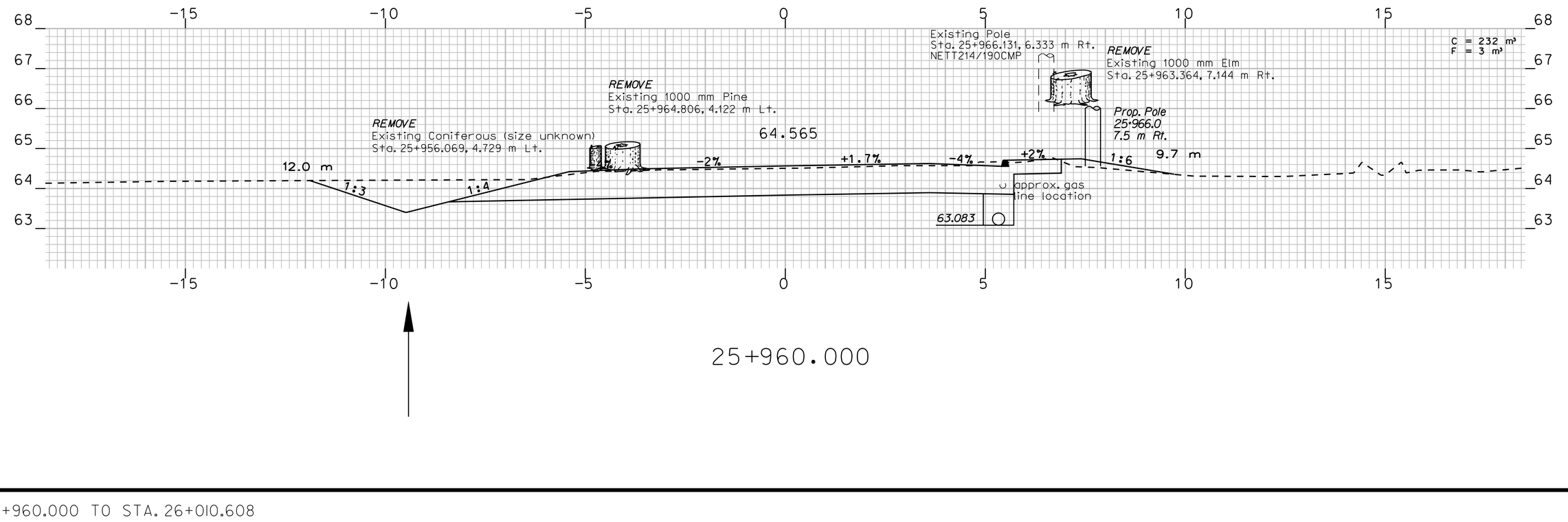
26+000.000



STA. 25+980. 5.055m LT. TO STA. 26+025.935. 5.055m LT.
INSTALL 150mm X 45.5m UD TYPE B

STA. 25+980.000 RT.
CONSTRUCT PAVED DRIVE

25+980.000



25+960.000

STA. 25+960.000 TO STA. 26+010.608

WELLS

ROUTE 109

METRIC

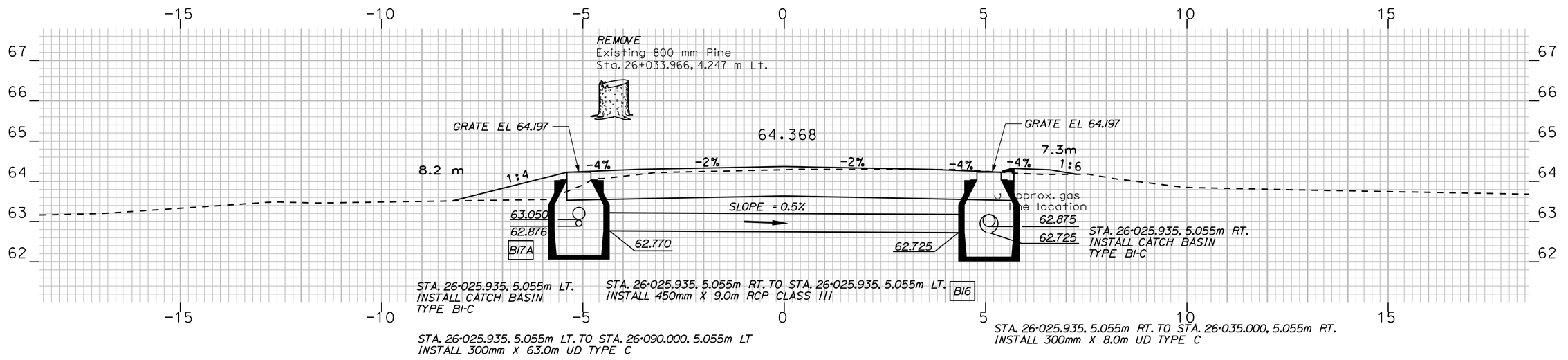
1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	65	138

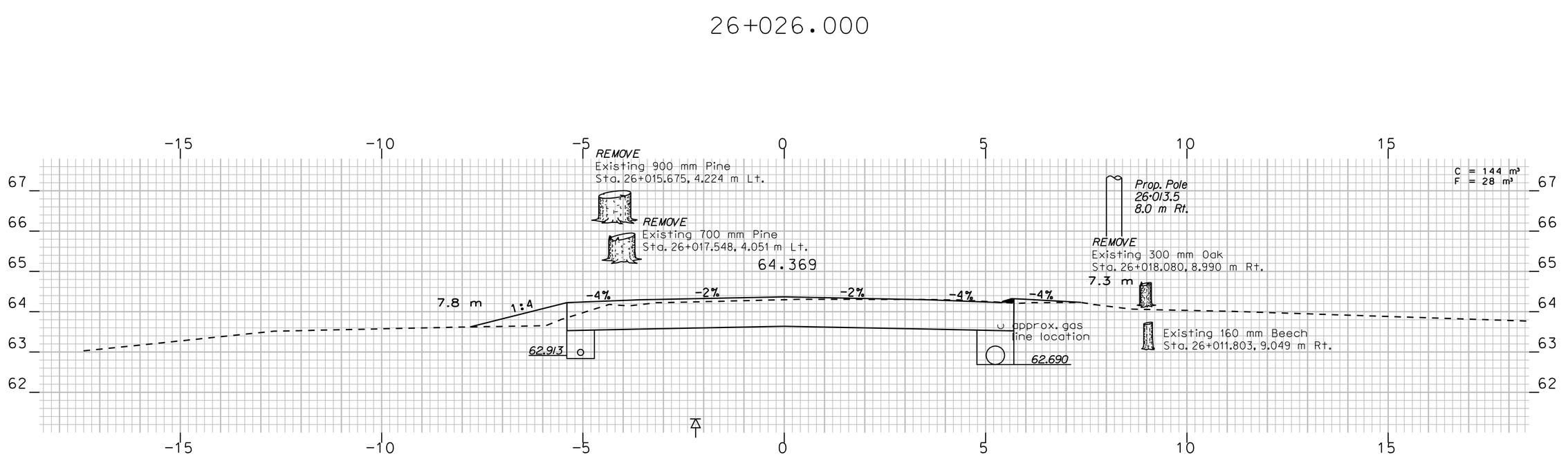
PIN 7998.20

Filename: ...\045_25420-26030_002.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



26+026.000



26+020.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	66	138

PIN 7998.20

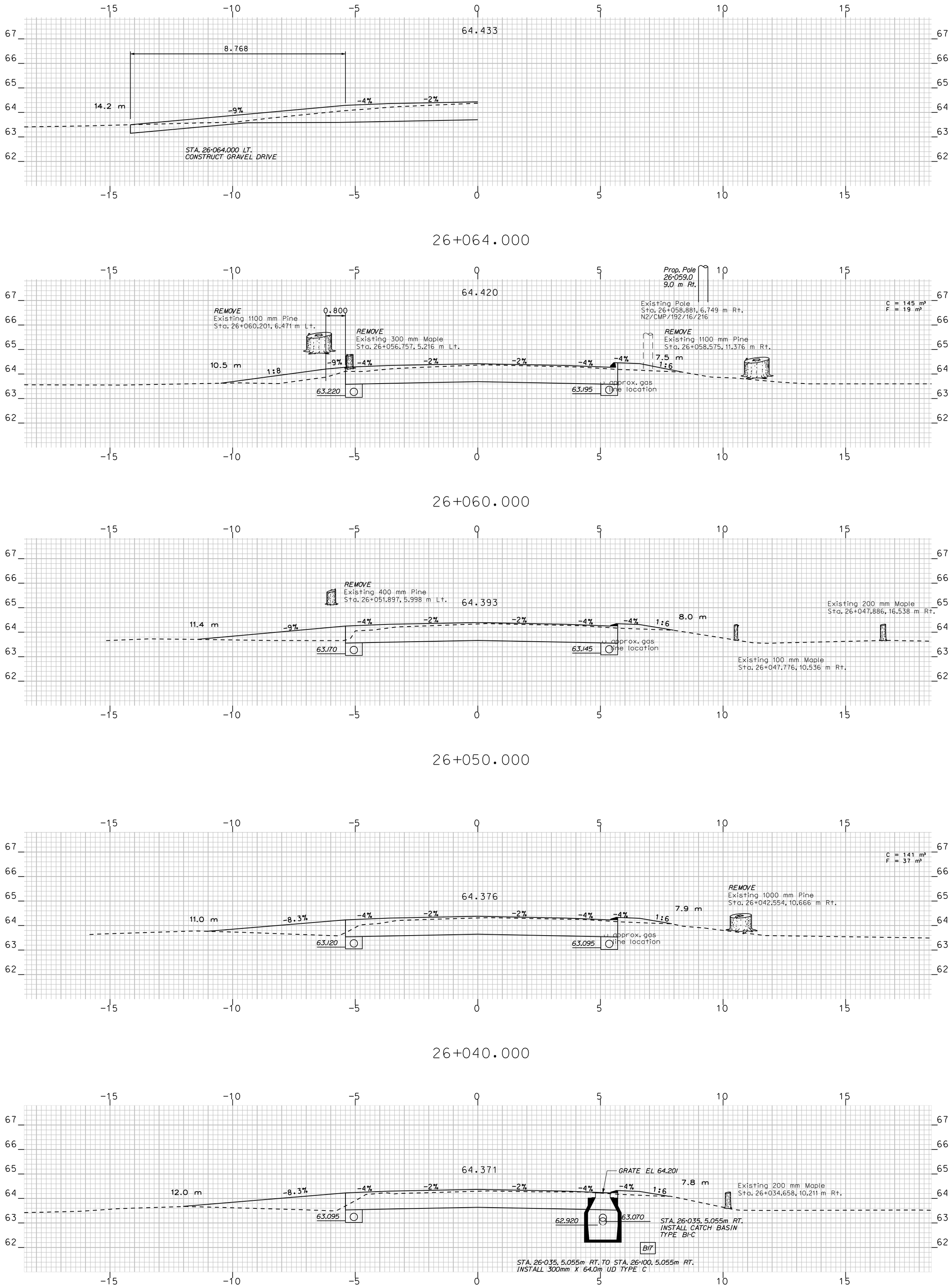
WELLS

ROUTE 109

STA. 26+020.000 TO STA. 26+026.000

Filename: ...\046_26040-26614_003.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	67	138

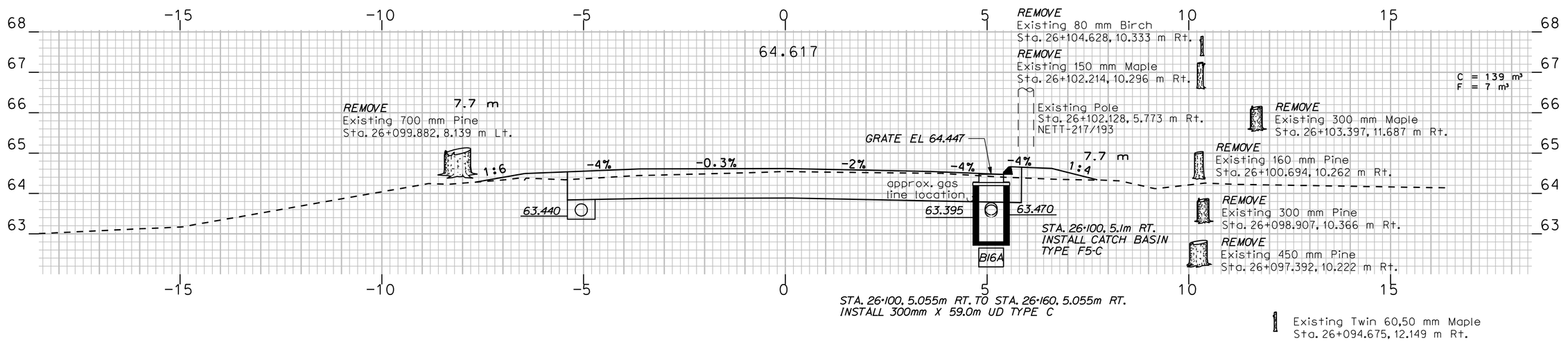
PIN 7998.20

WELLS

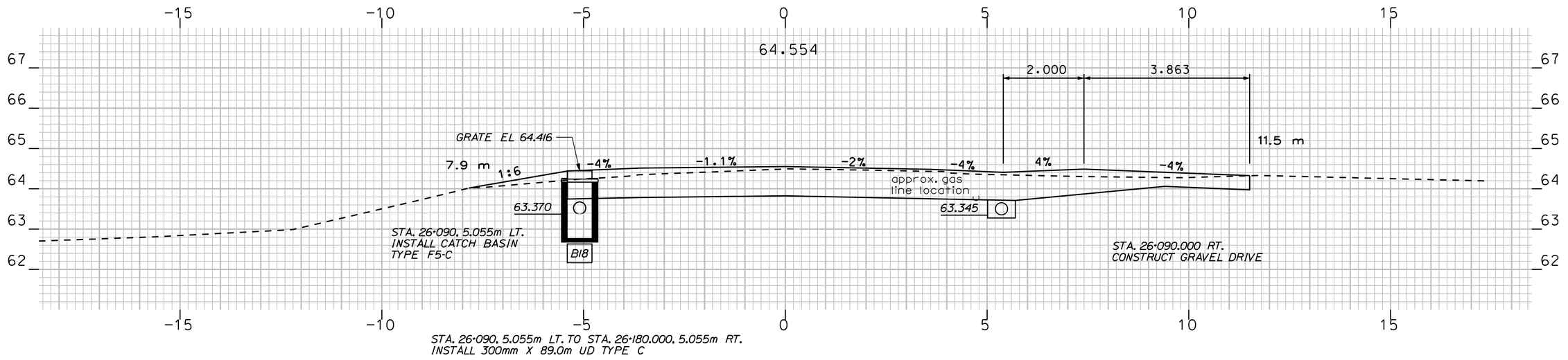
ROUTE 109

STA. 26+035.000 TO STA. 26+064.000

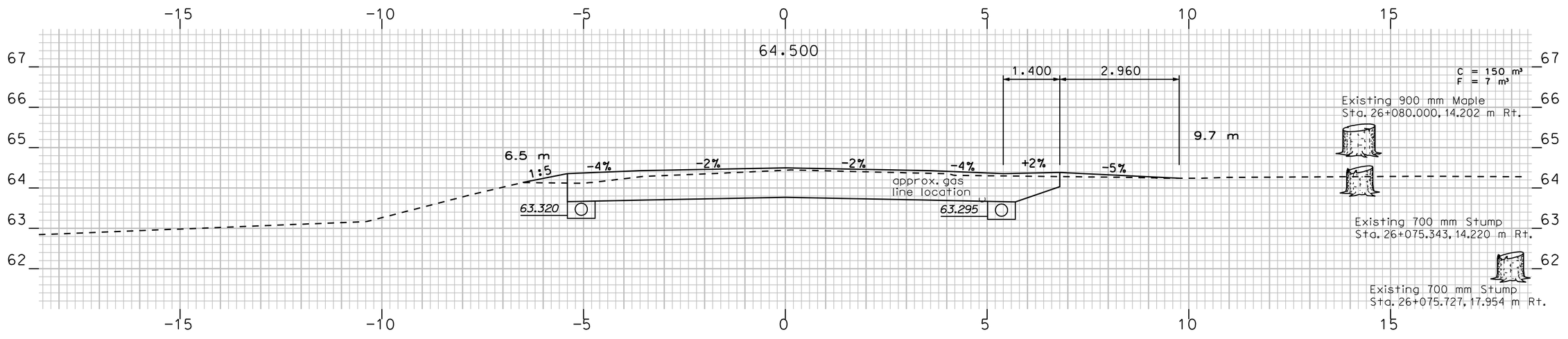
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



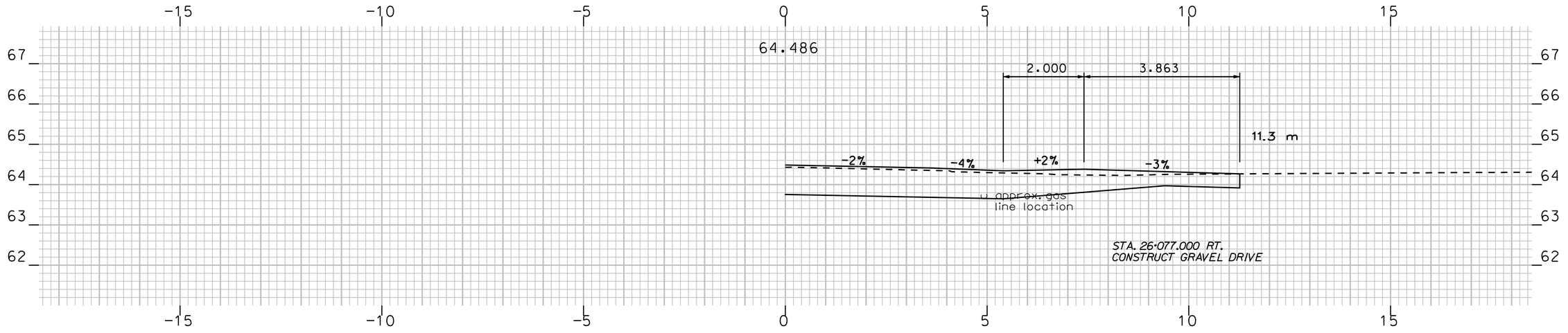
26+100.000



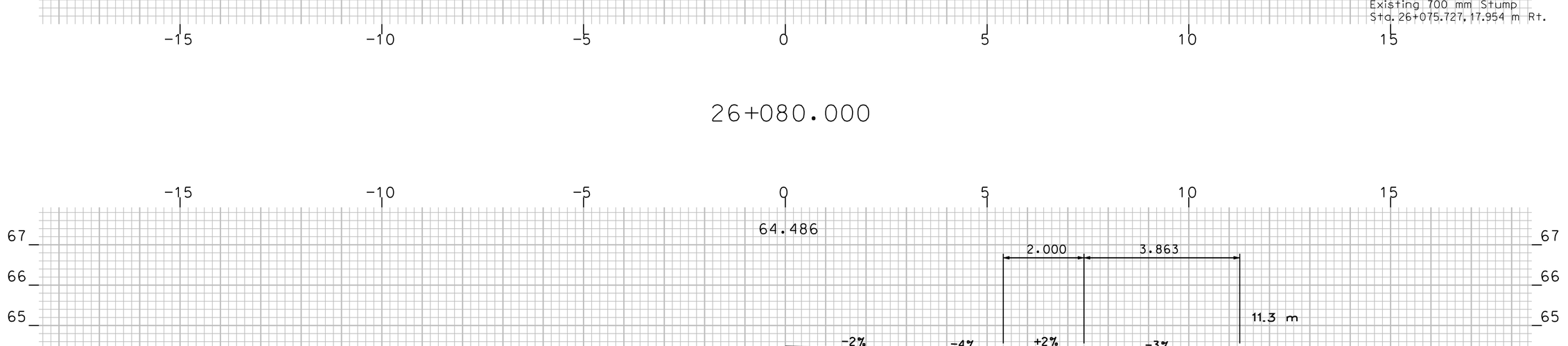
26+090.000



26+080.000



26+077.000



26+070.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	68	138

PIN 7998.20

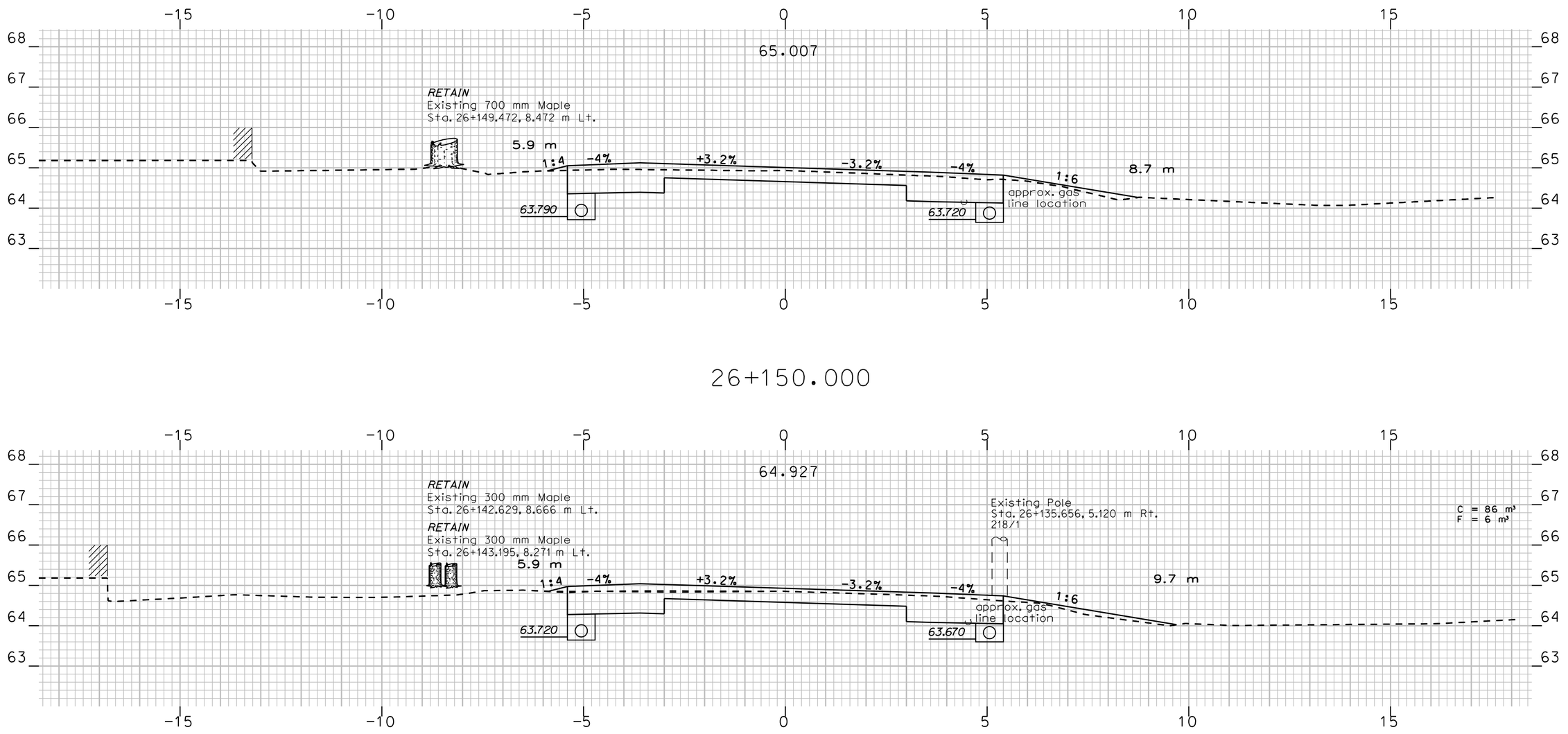
WELLS

ROUTE 109

STA. 26+070.000 TO STA. 26+100.000

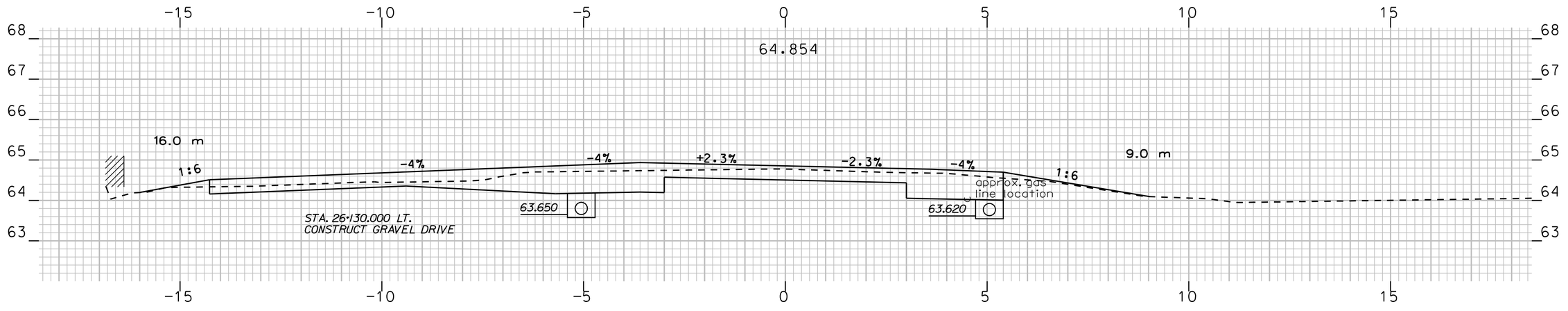
Filename: ...\046_26040-26614_003.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

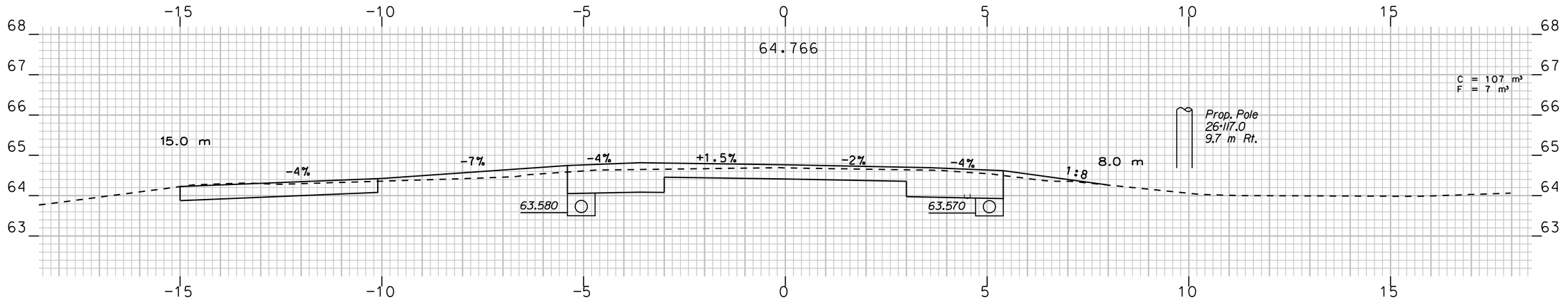


26+150.000

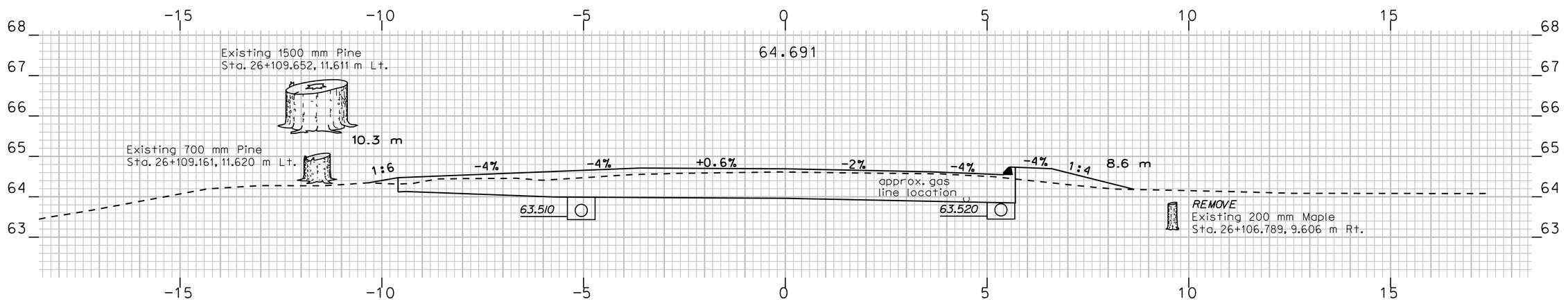
26+140.000



26+130.000



26+120.000



26+110.000

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

METRIC

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	69	138

PIN 7998.20

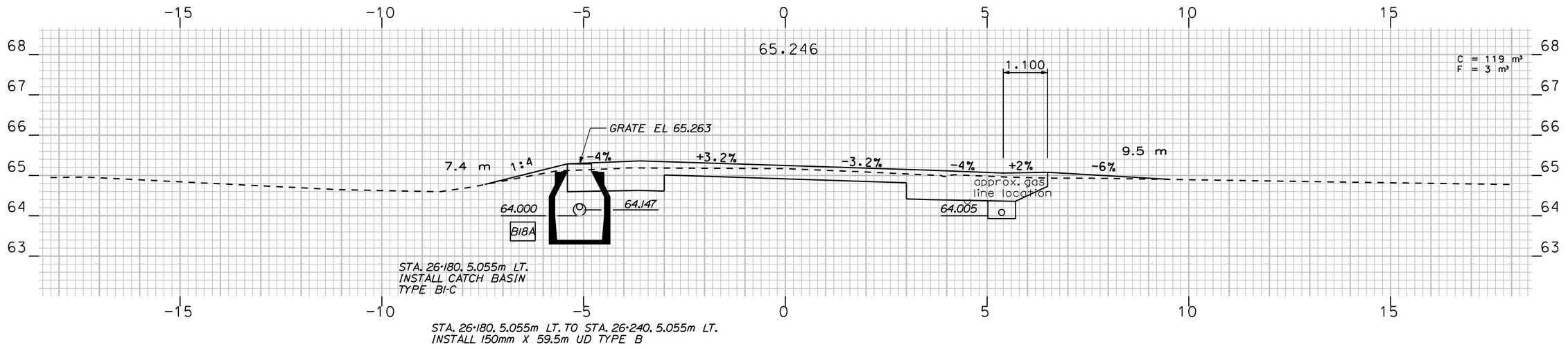
WELLS

ROUTE 109

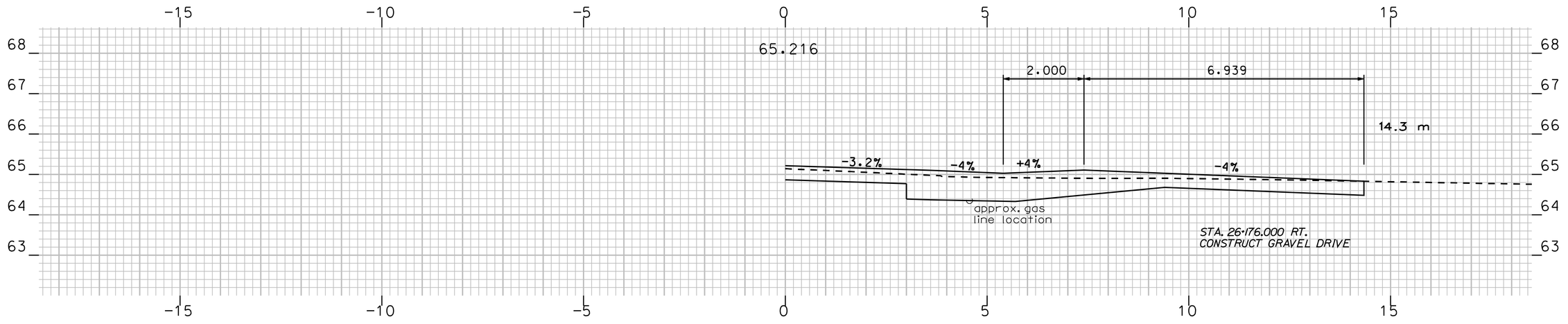
STA. 26+110.000 TO STA. 26+150.000

Filename: ...\046_26040-26614_003.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

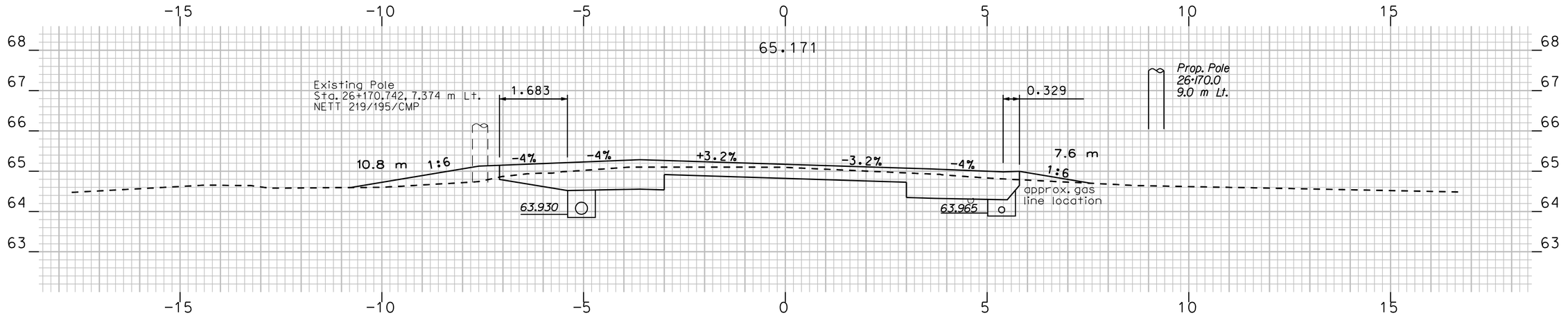
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



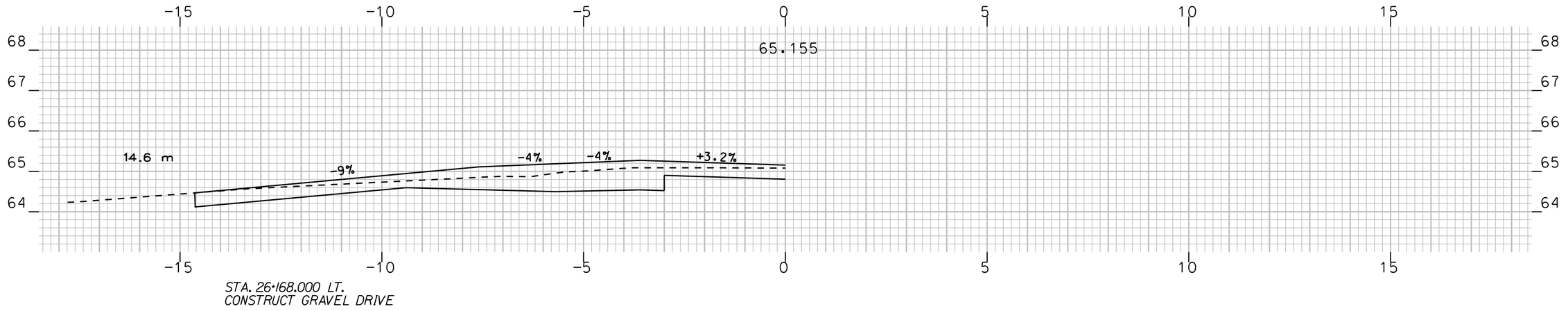
26+180.000



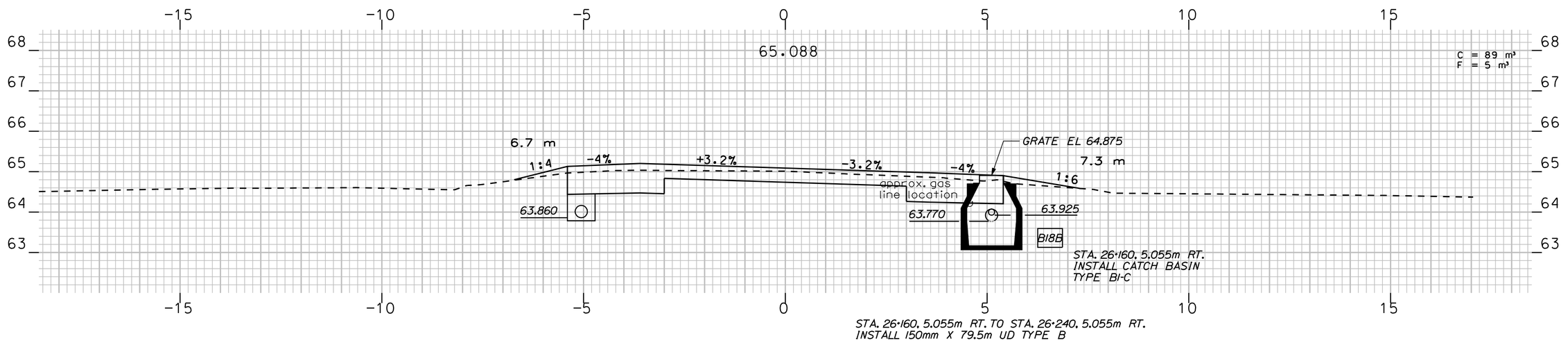
26+176.000



26+170.000



26+168.000



26+160.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	70	138

PIN 7998.20

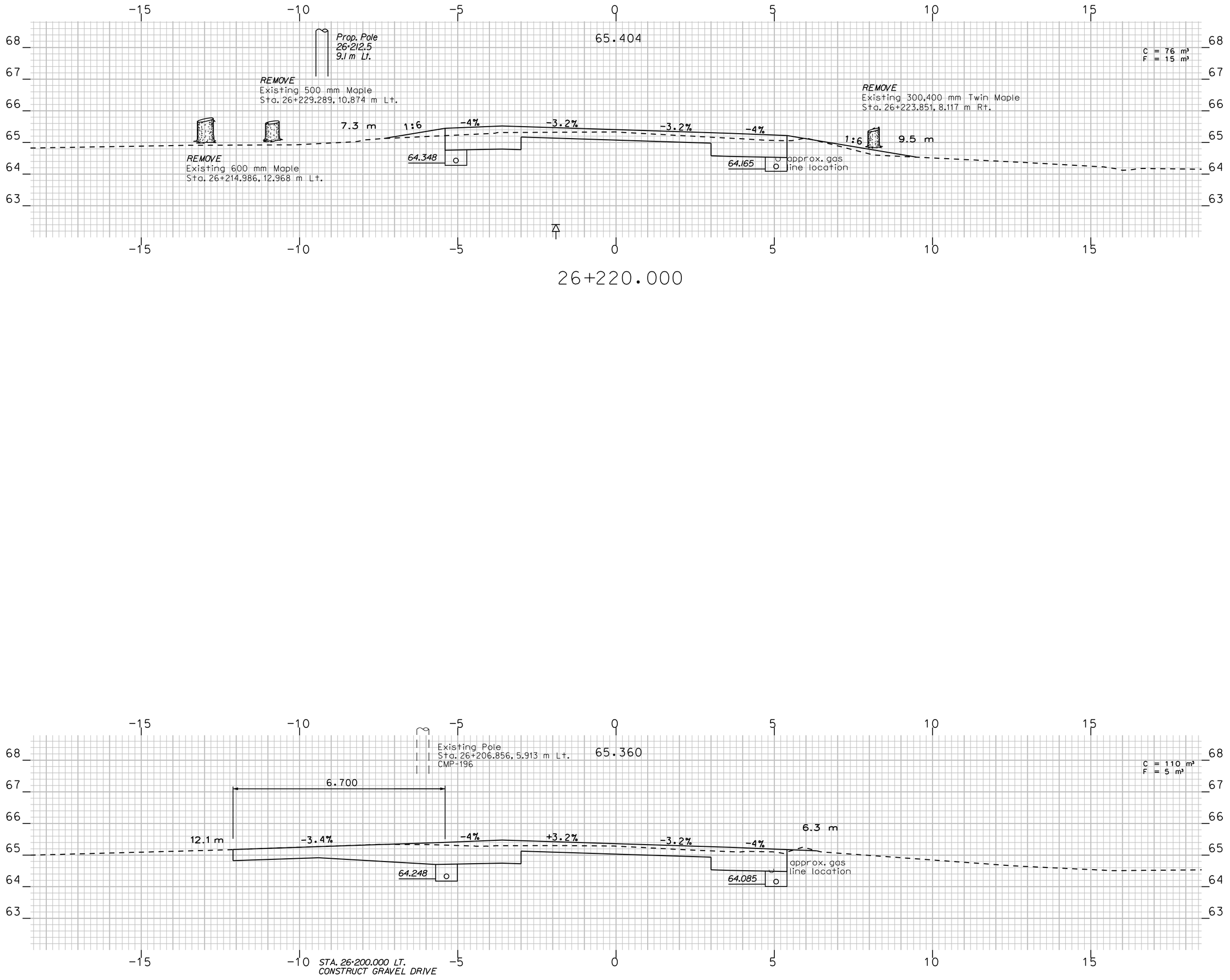
WELLS

ROUTE 109

STA. 26+160.000 TO STA. 26+180.000

Filename: ...\046_26040-26614_003.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	71	138

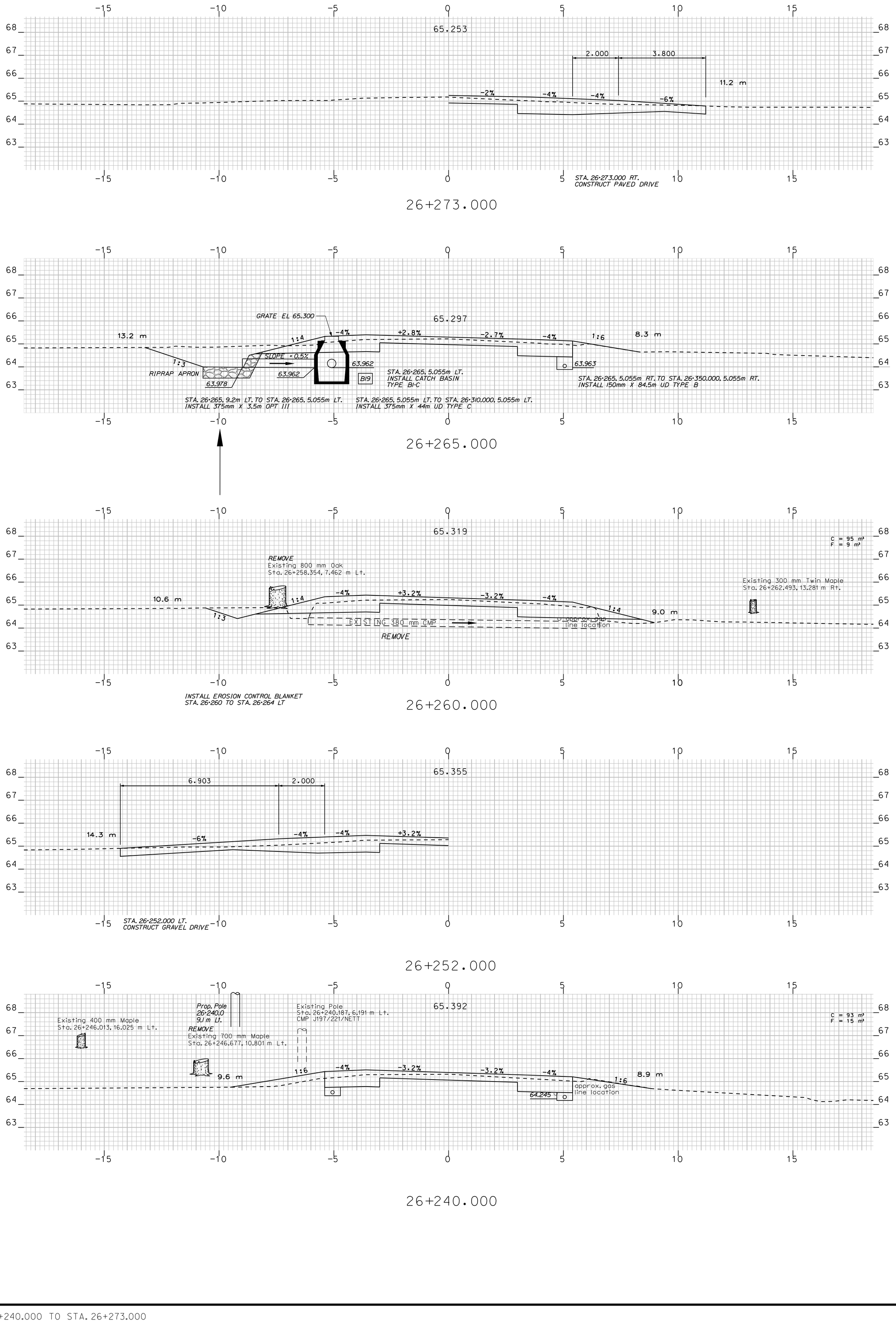
PIN 7998.20

WELLS

ROUTE 109

STA. 26+190.000 TO STA. 26+220.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	72	138

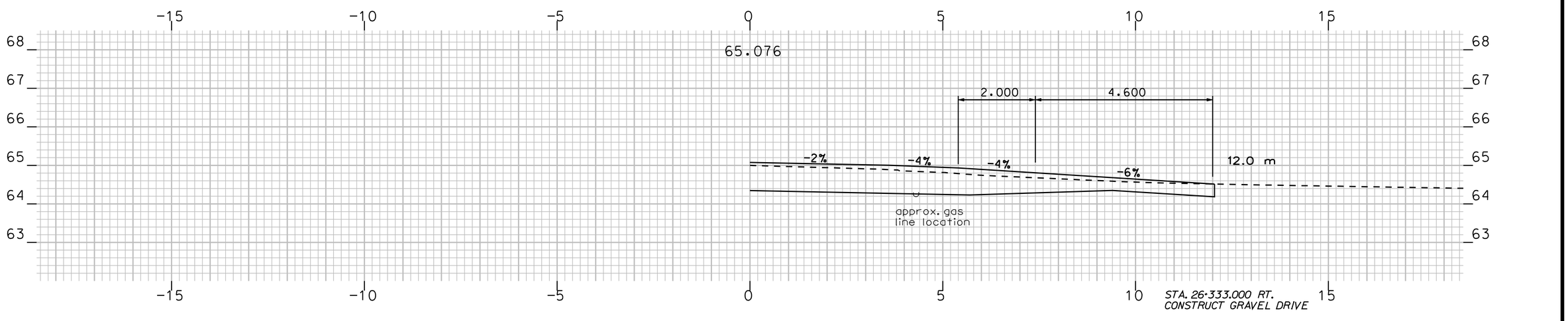
PIN 7998.20

WELLS

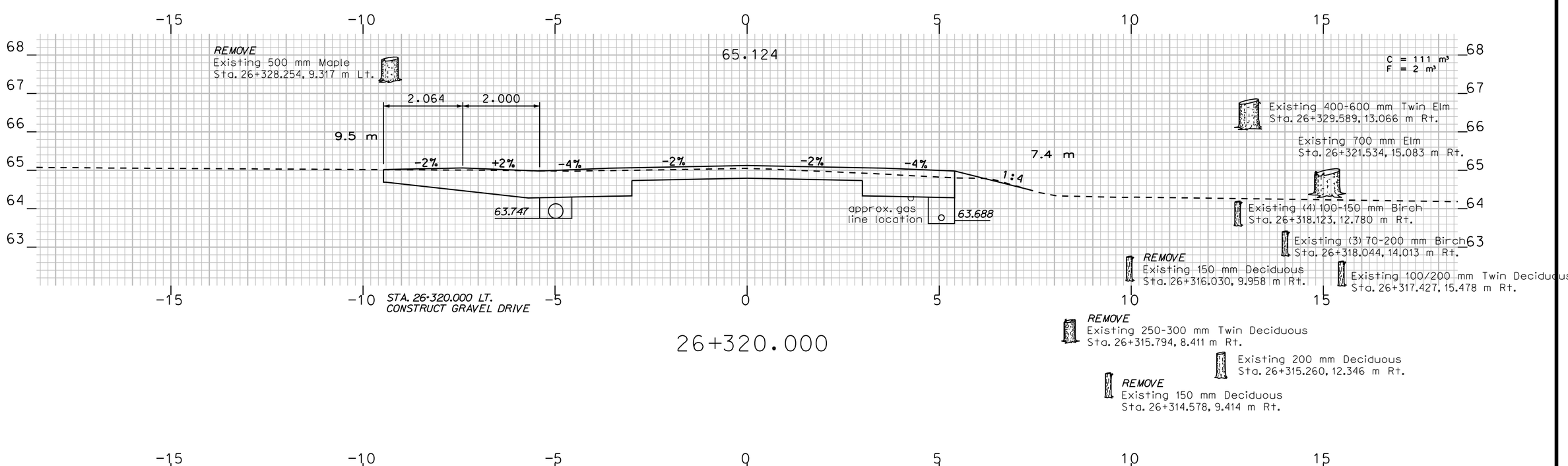
ROUTE 109

STA. 26+240.000 TO STA. 26+273.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

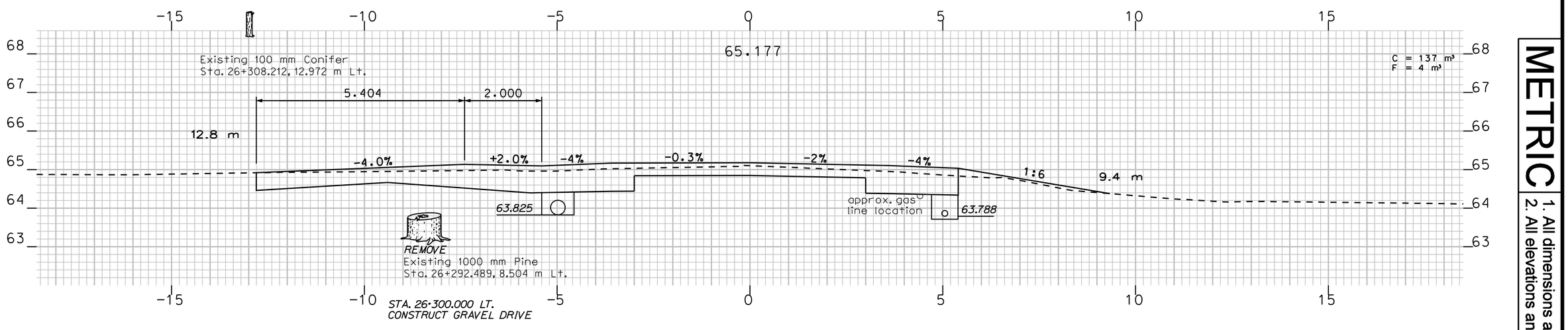


26+333.000

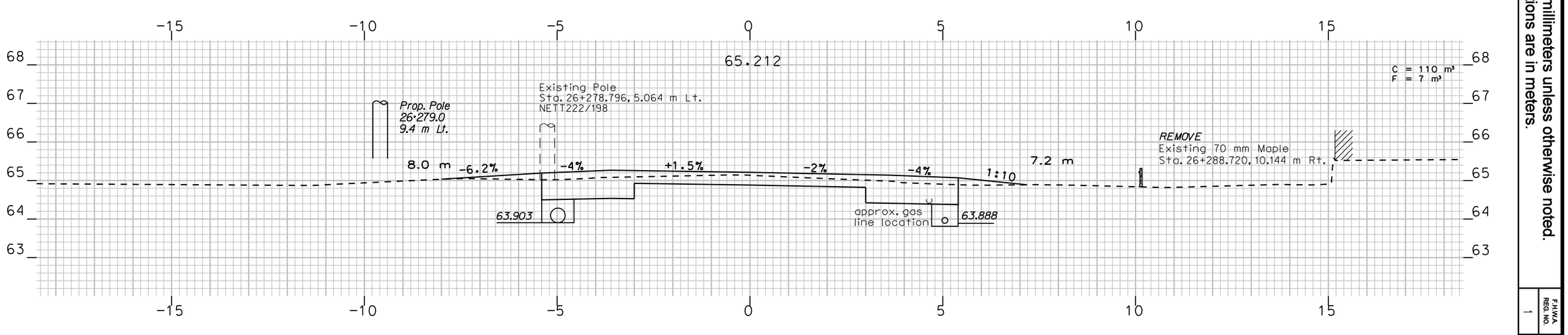


26+320.000

26+310.000



26+300.000



26+280.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	73	138

PIN 7998.20

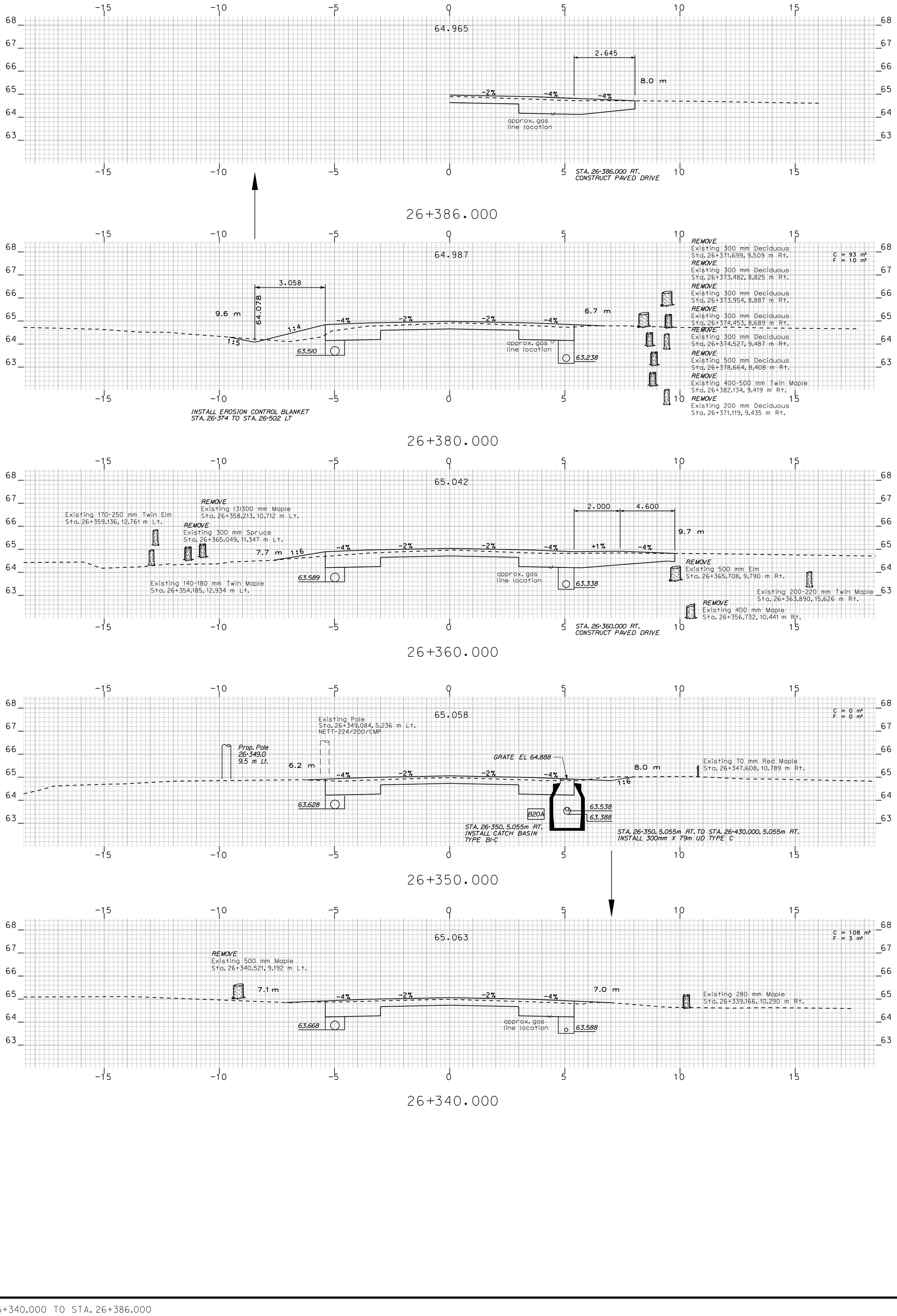
WELLS

ROUTE 109

STA. 26+280.000 TO STA. 26+333.000

Filename: ...\046_26040-26614_003.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

METRIC

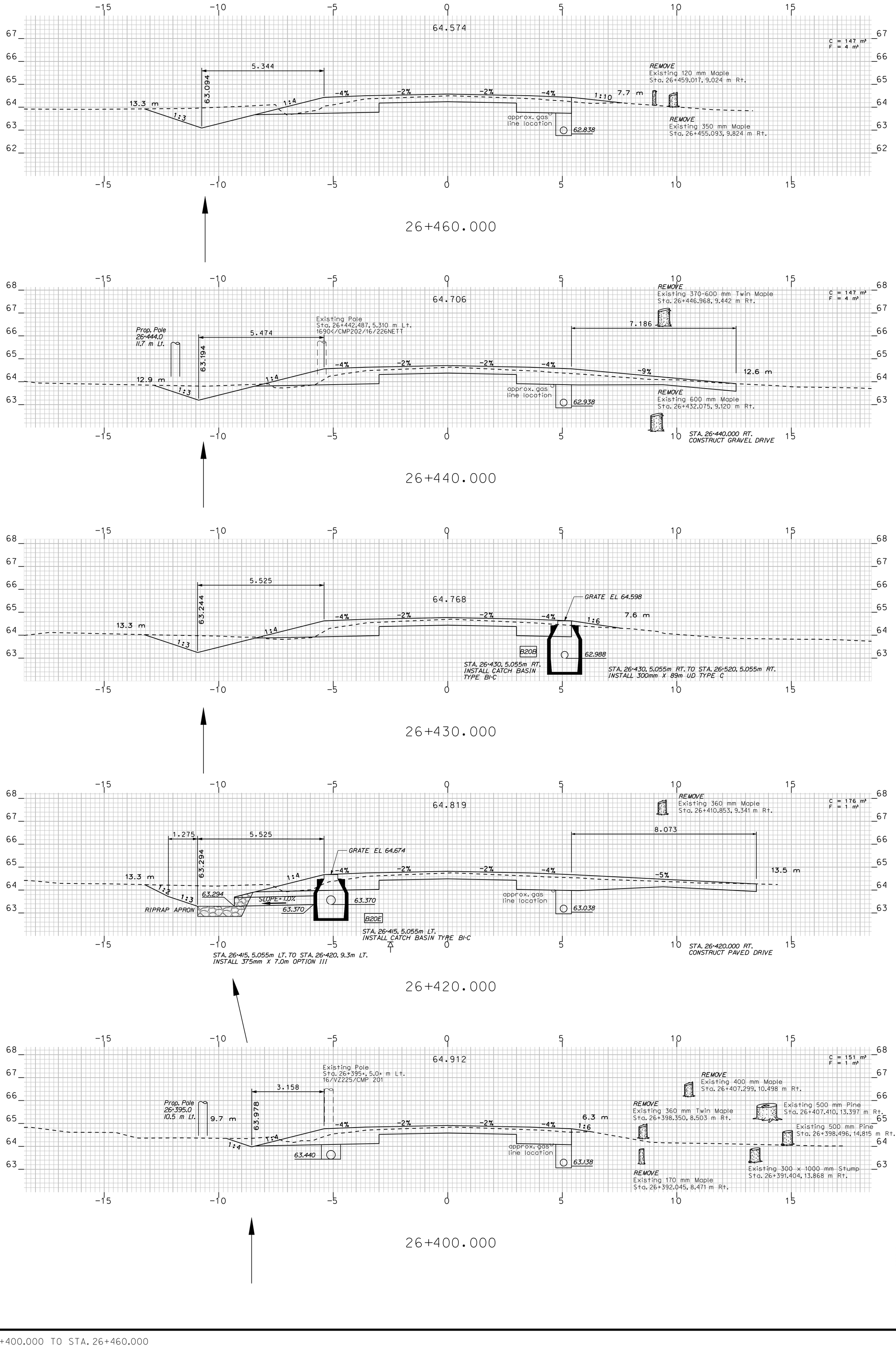
F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	74	138

PIN 7998.20

WELLS ROUTE 109

STA. 26+340.000 TO STA. 26+386.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	75	138

PIN 7998.20

WELLS

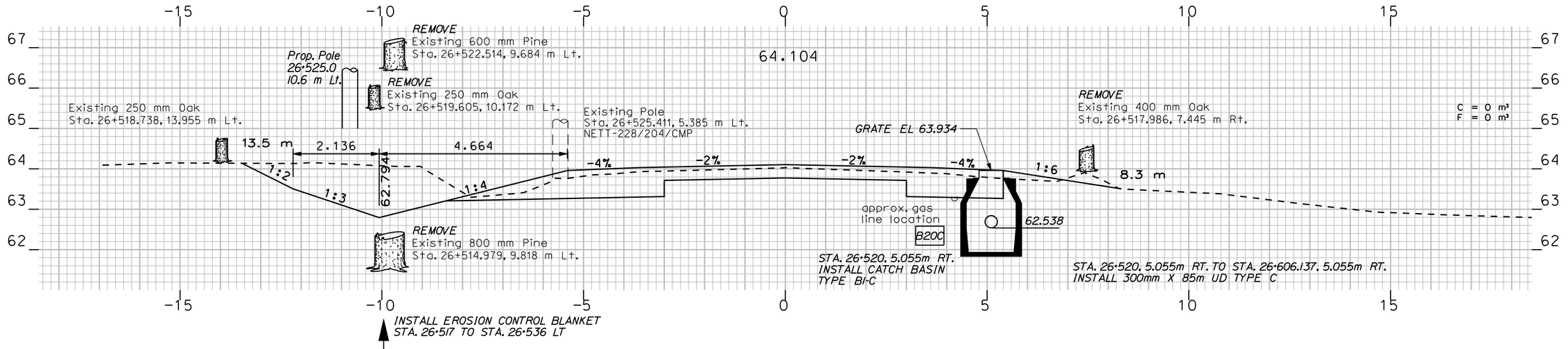
ROUTE 109

STA. 26+400.000 TO STA. 26+460.000

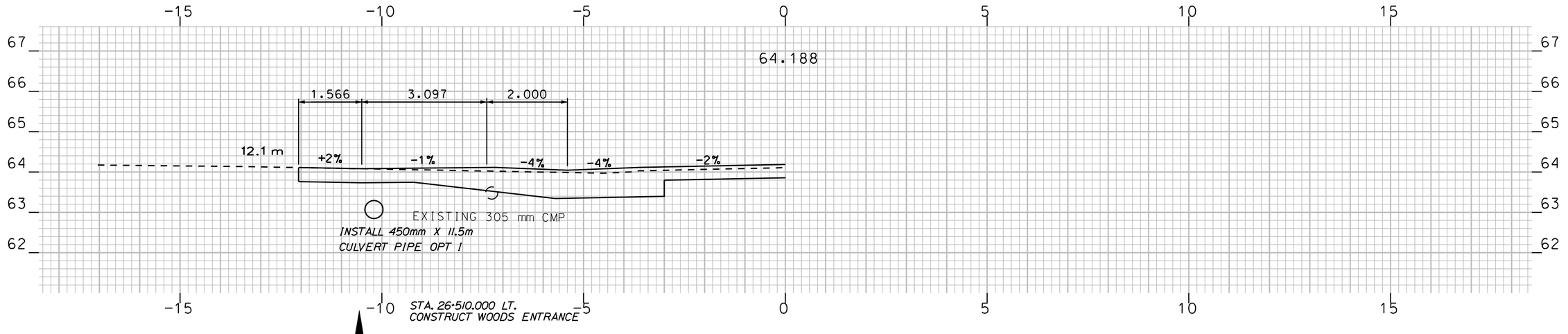
Filename: ...\046_26040-26614_003.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

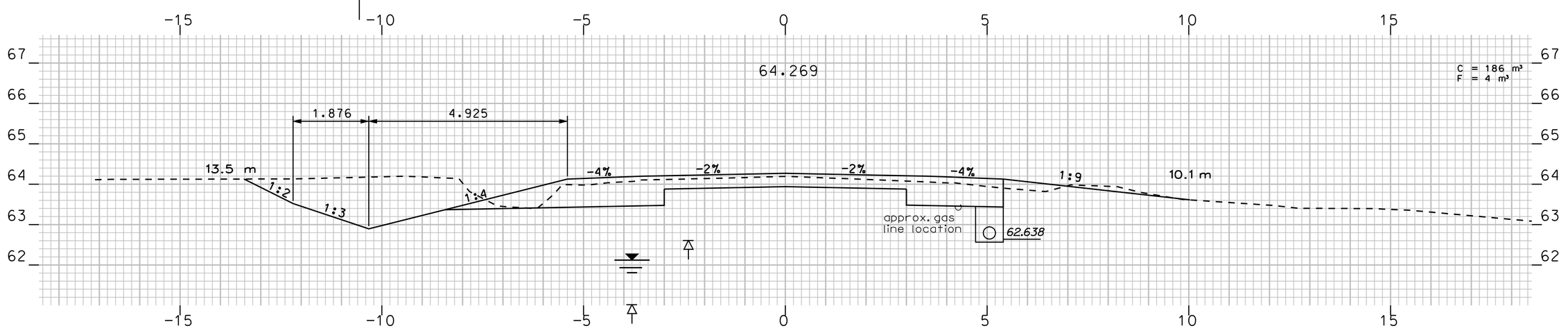
C = 188 m³
F = 2 m³



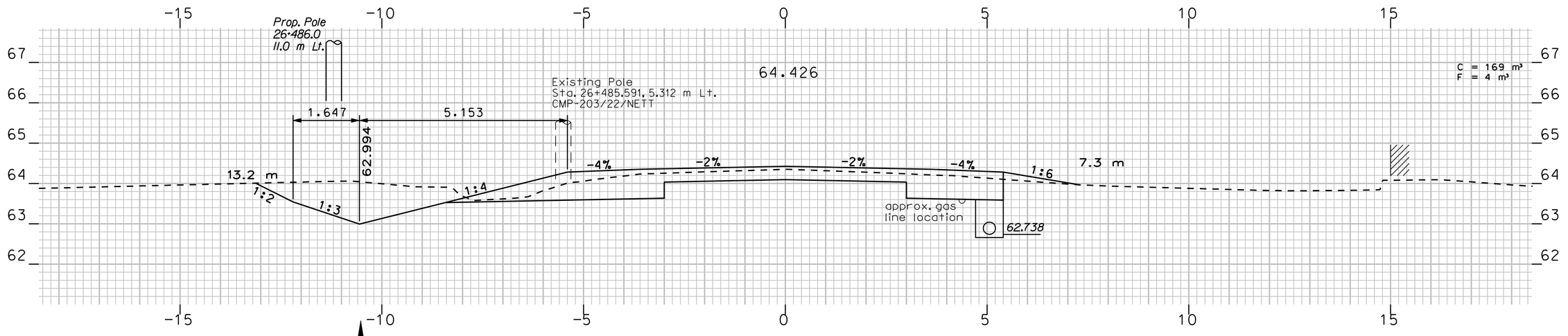
26+520.000



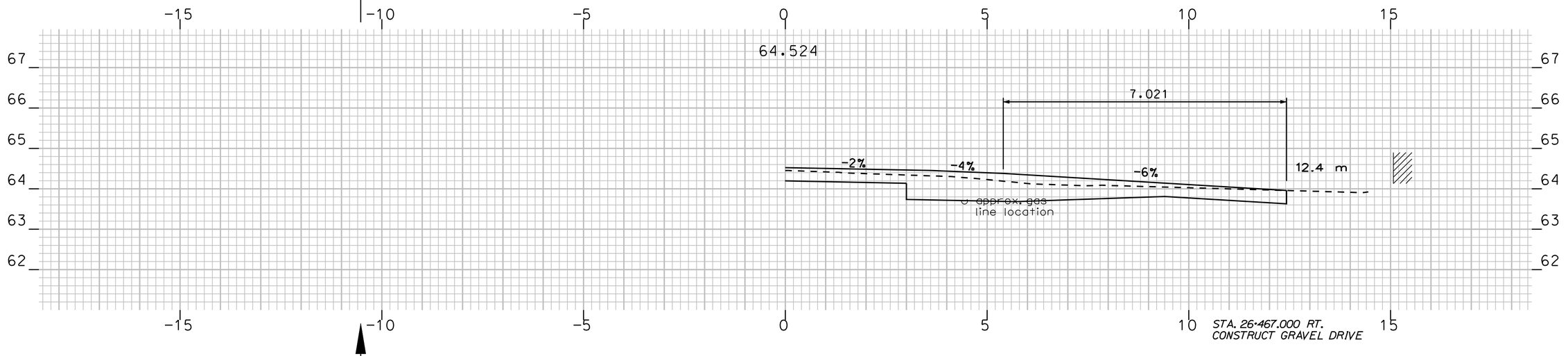
26+510.000



26+500.000



26+480.000



26+467.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	76	138

PIN 7998.20

WELLS

ROUTE 109

STA. 26+467.000 TO STA. 26+520.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

METRIC

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	77	138

PIN 7998.20

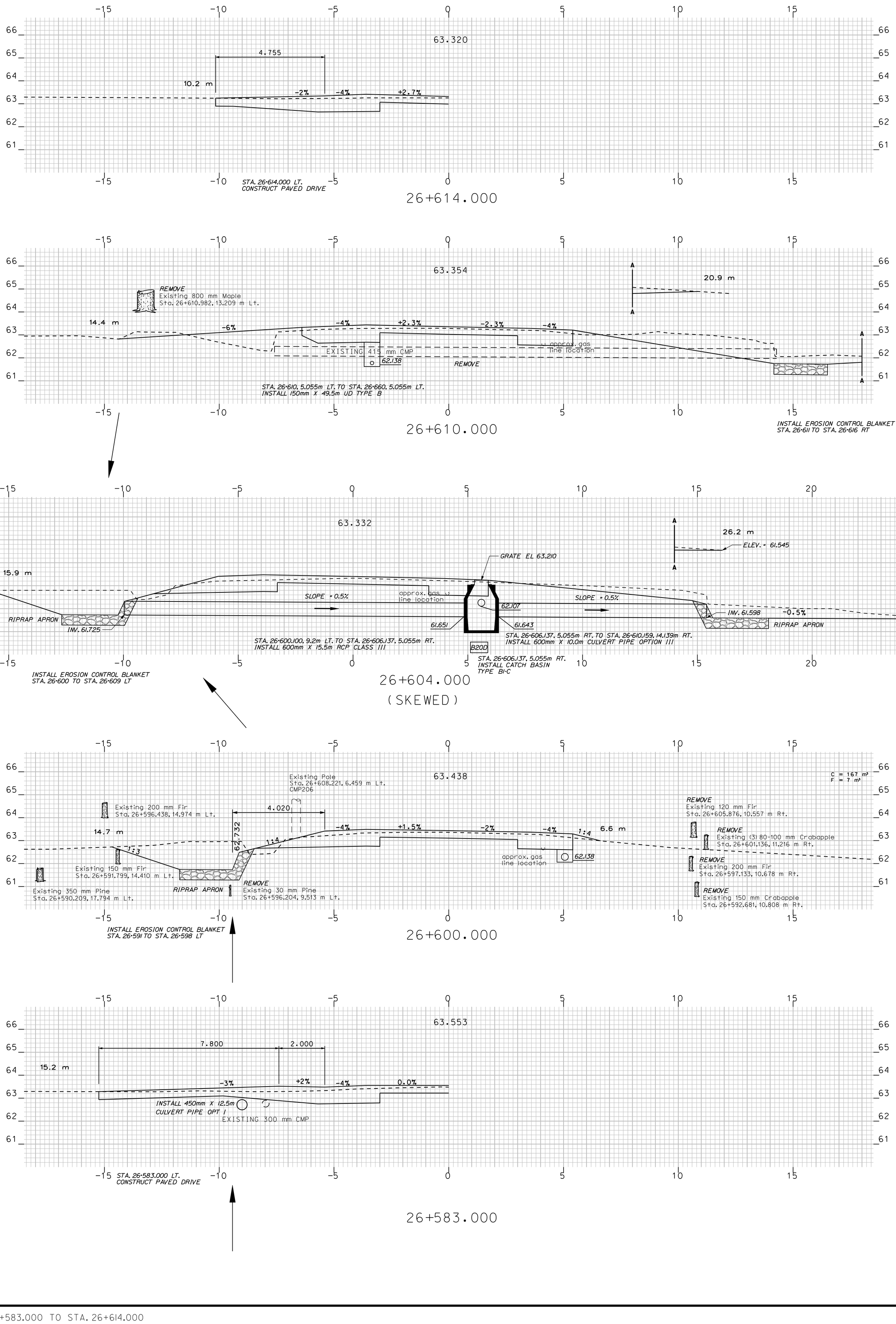
WELLS

ROUTE 109

STA. 26+540.000 TO STA. 26+580.000

Filename: ...\046_26040-26614_003.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	78	138

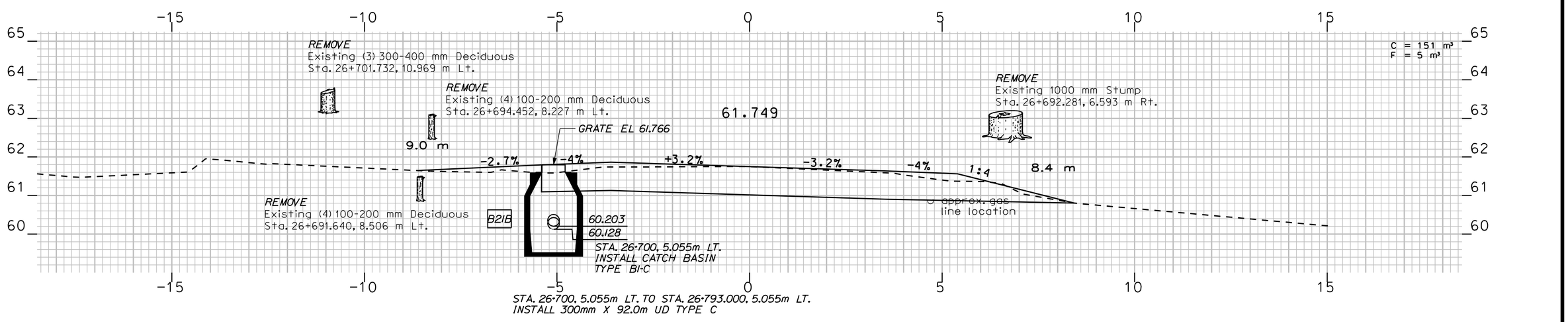
PIN 7998.20

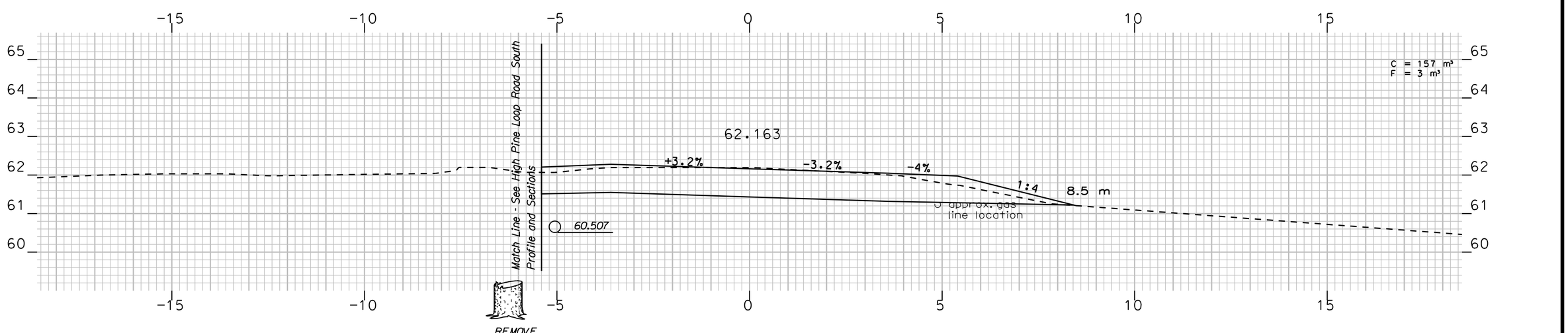
WELLS

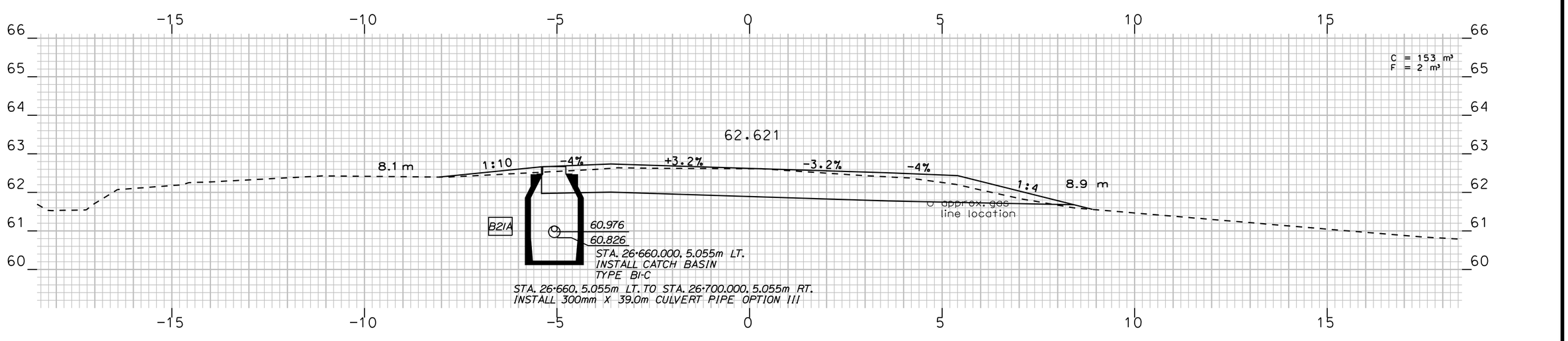
ROUTE 109

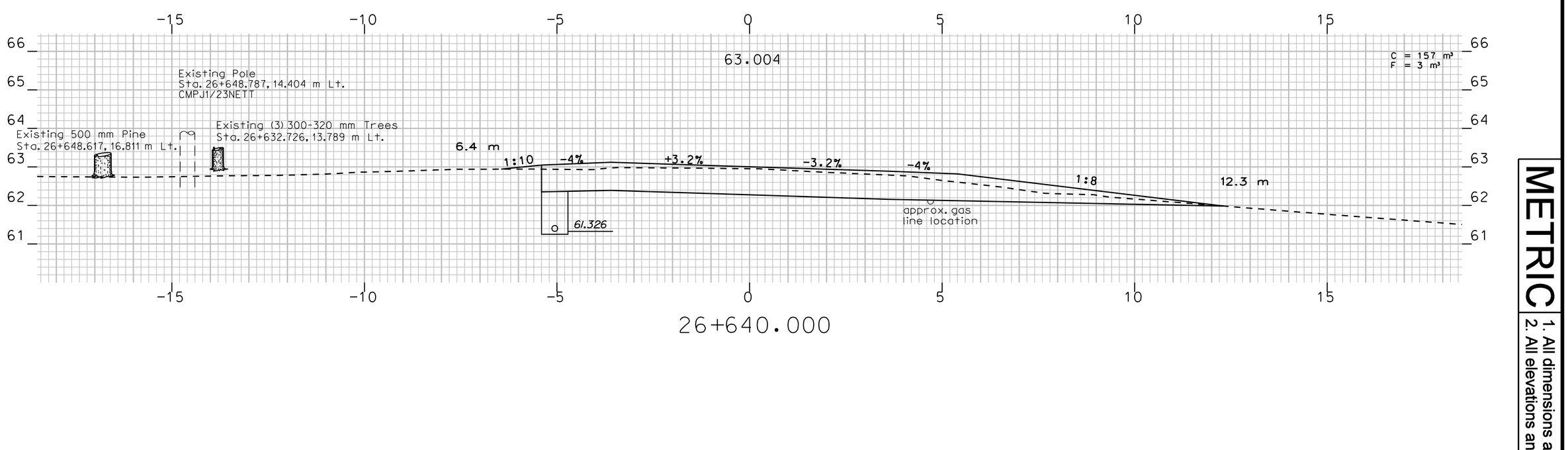
STA. 26+583.000 TO STA. 26+614.000

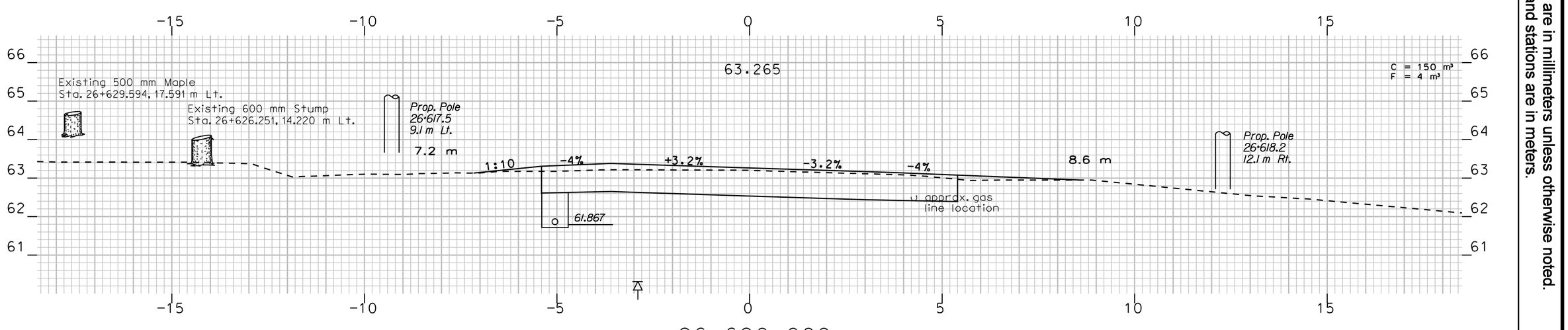
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			











METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	79	138

PIN 7998.20

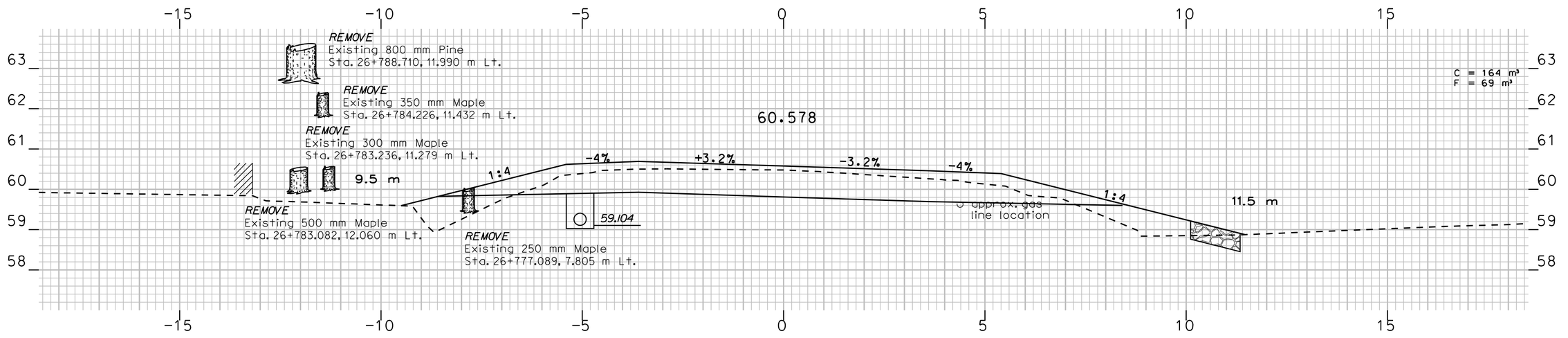
WELLS

ROUTE 109

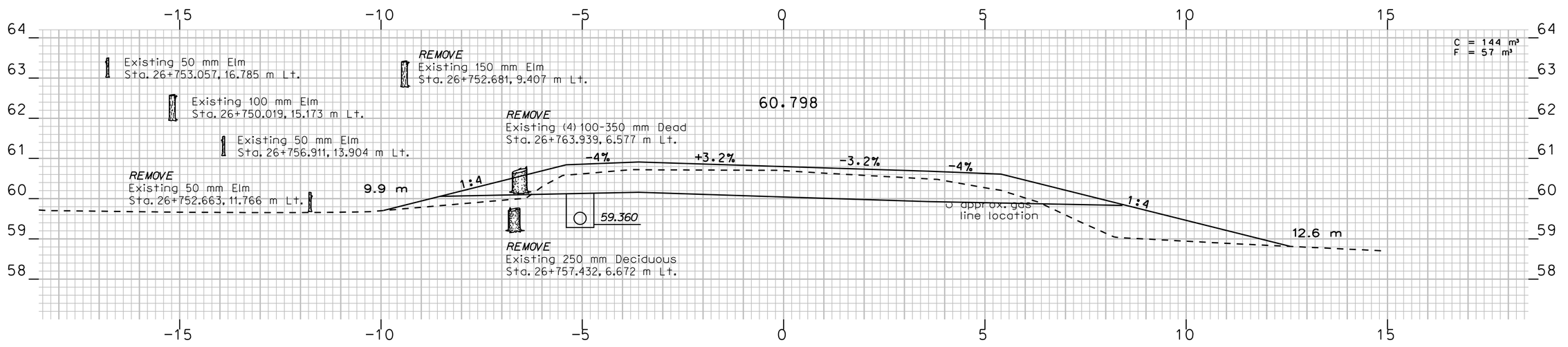
STA. 26+620.000 TO STA. 26+700.000

Filename: ...\047_26620-27280_004.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

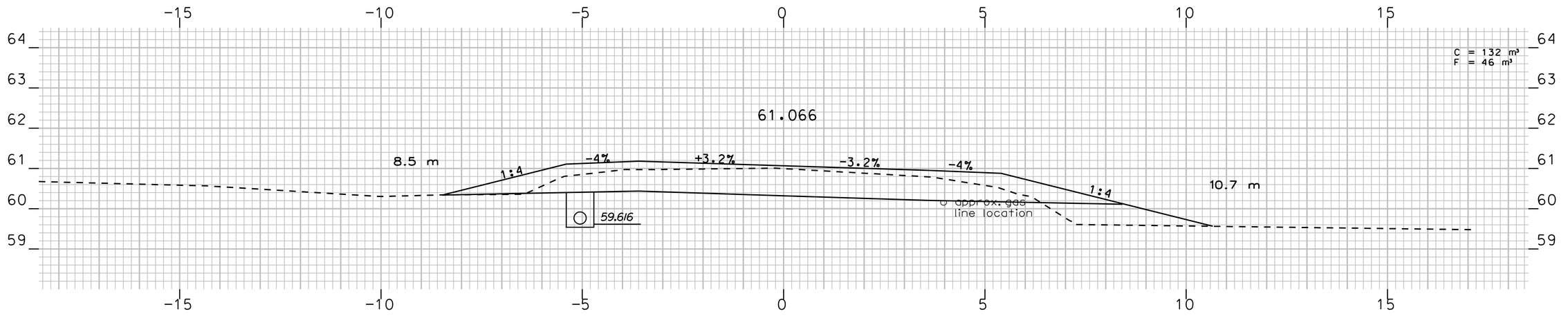
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



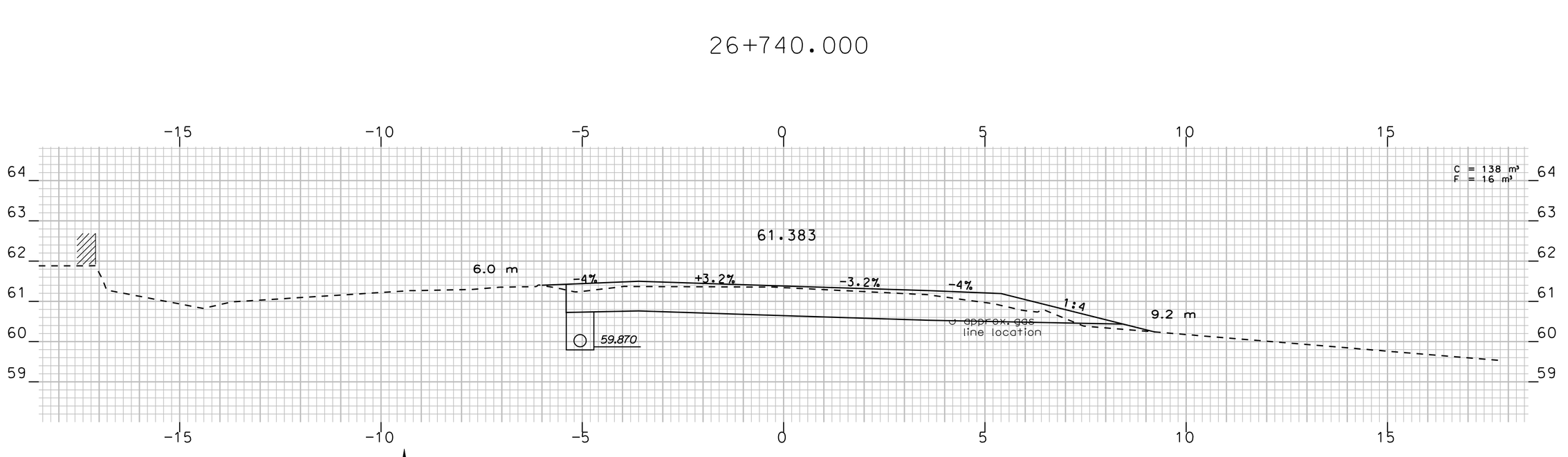
26+780.000



26+760.000



26+740.000



26+720.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	80	138

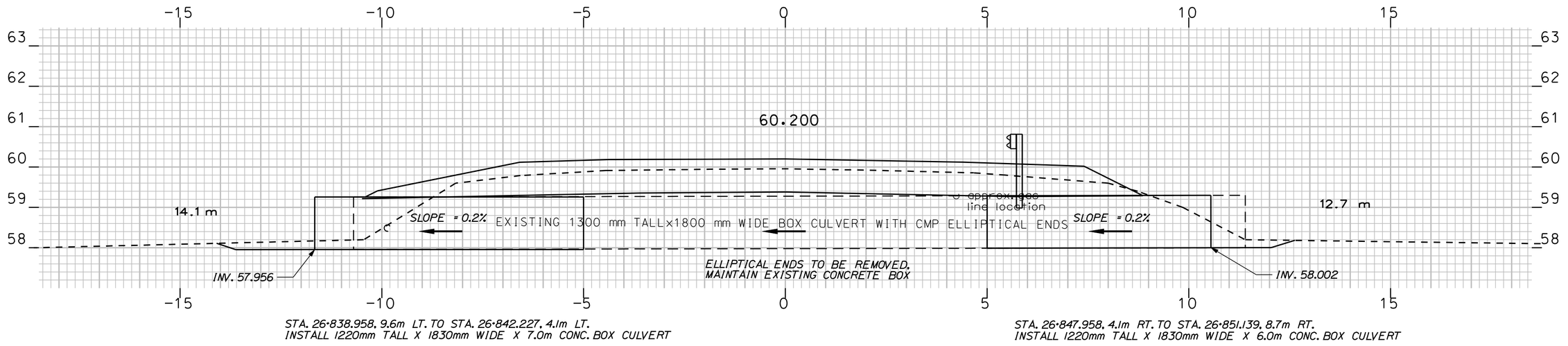
PIN 7998.20

WELLS

ROUTE 109

STA. 26+720.000 TO STA. 26+780.000

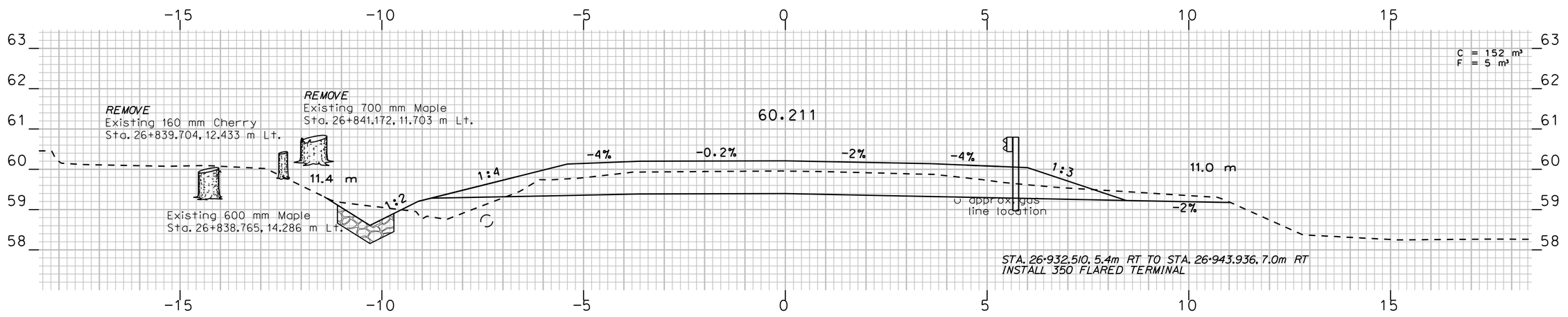
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



STA. 26+838.958, 9.6m LT. TO STA. 26+842.227, 4.1m LT.
INSTALL 1220mm TALL X 1830mm WIDE X 7.0m CONC. BOX CULVERT

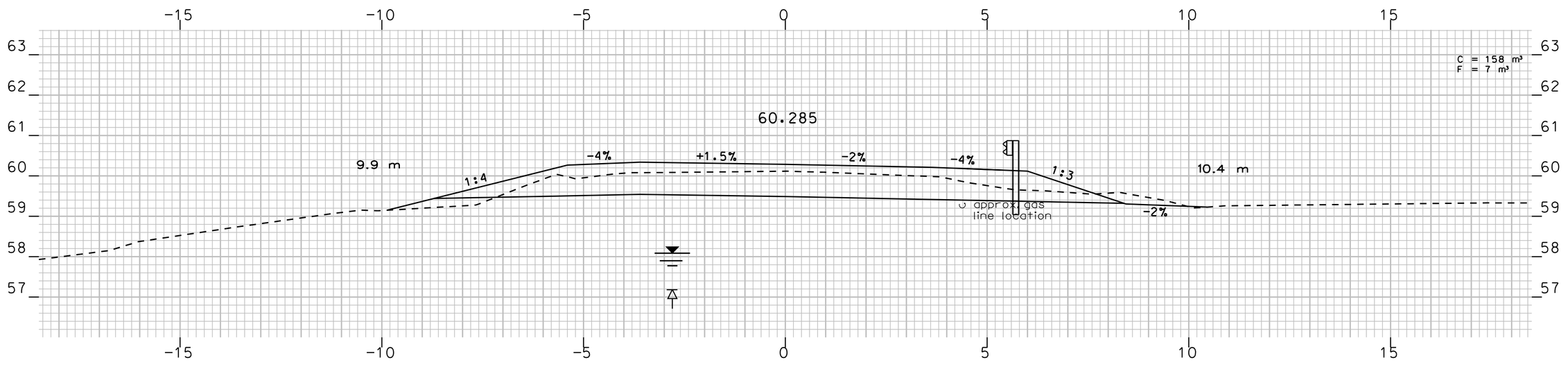
STA. 26+847.958, 4.1m RT. TO STA. 26+851.139, 8.7m RT.
INSTALL 1220mm TALL X 1830mm WIDE X 6.0m CONC. BOX CULVERT

26+845.093 (SKEWED)

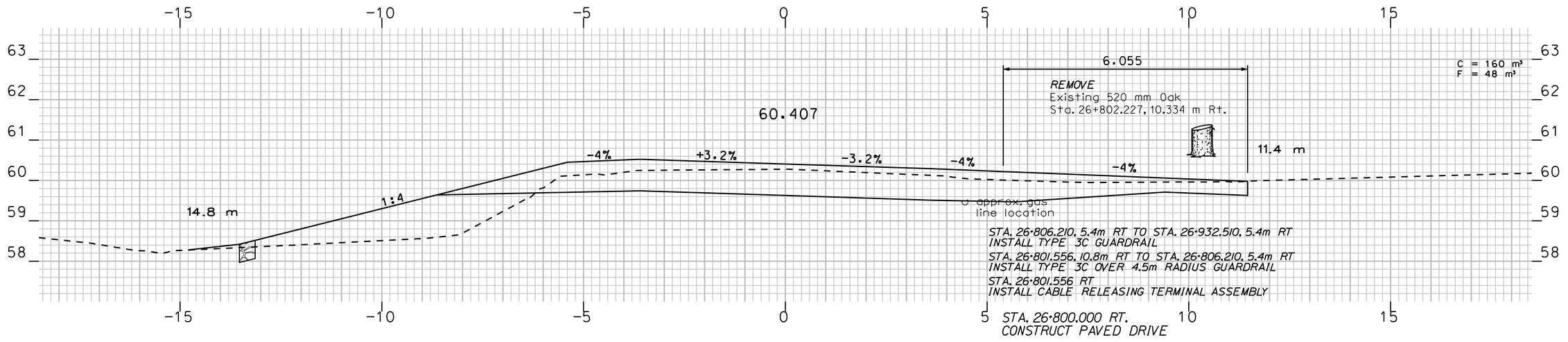


STA. 26+932.510, 5.4m RT TO STA. 26+943.936, 7.0m RT
INSTALL 350 FLARED TERMINAL

26+840.000



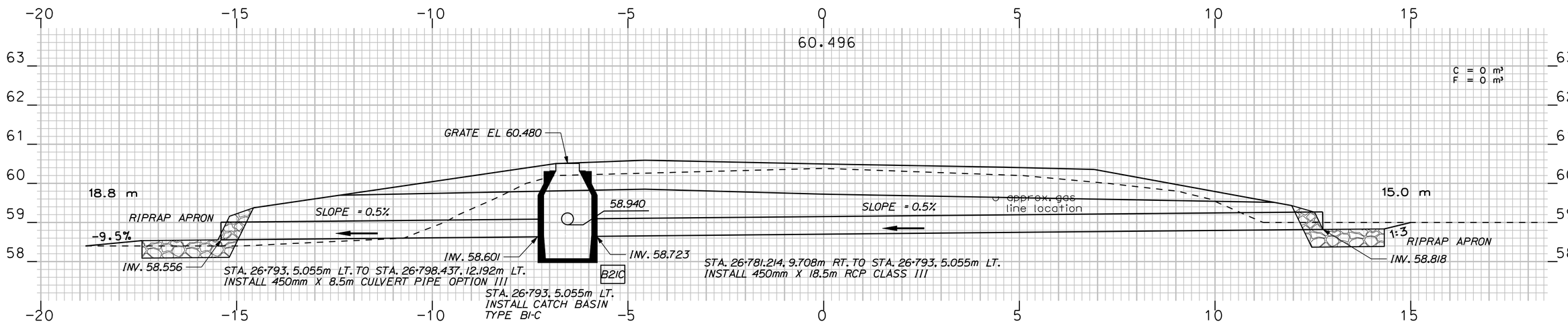
26+820.000



STA. 26+806.210, 5.4m RT TO STA. 26+932.510, 5.4m RT
INSTALL TYPE 3C GUARDRAIL
STA. 26+801.556, 10.8m RT TO STA. 26+806.210, 5.4m RT
INSTALL TYPE 3C OVER 4.5m RADIUS GUARDRAIL
STA. 26+801.556 RT
INSTALL CABLE RELEASING TERMINAL ASSEMBLY

STA. 26+800.000 RT.
CONSTRUCT PAVED DRIVE

26+800.000



STA. 26+793, 5.055m LT. TO STA. 26+798.437, 12.192m LT.
INSTALL 450mm X 8.5m CULVERT PIPE OPTION III

STA. 26+793, 5.055m LT.
INSTALL CATCH BASIN
TYPE BI-C

STA. 26+781.214, 9.708m RT. TO STA. 26+793, 5.055m LT.
INSTALL 450mm X 18.5m RCP CLASS III

26+789.000
(SKEWED)

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	81	138

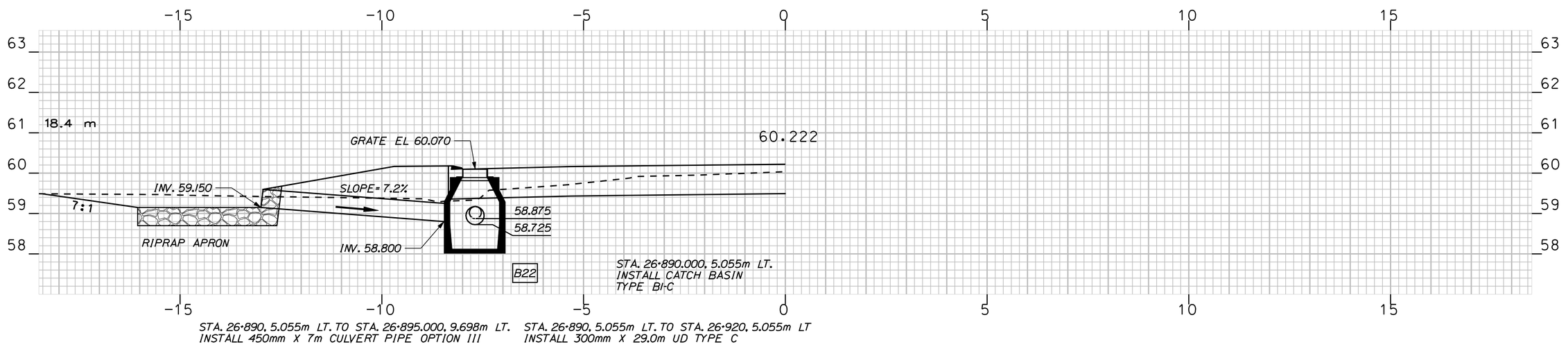
PIN 7998.20

WELLS

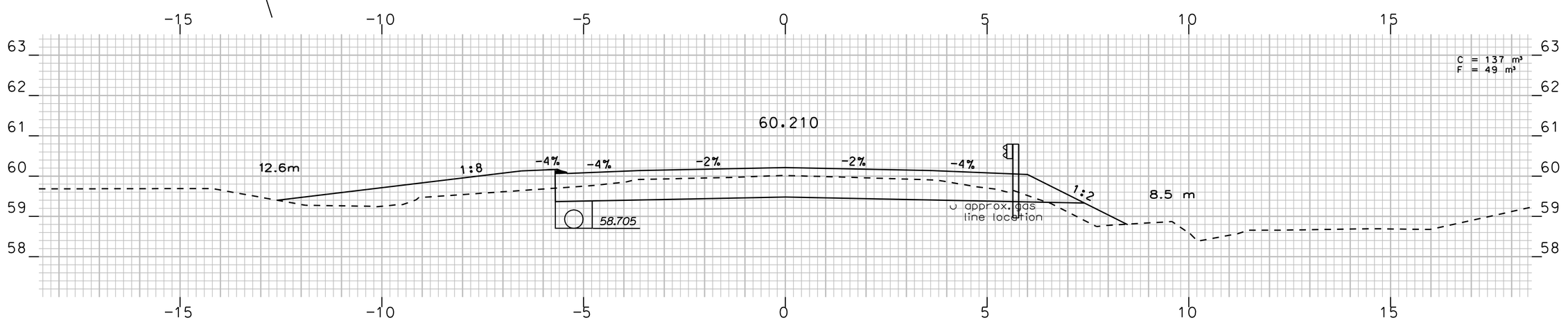
ROUTE 109

STA. 26+789.000 TO STA. 26+845.093

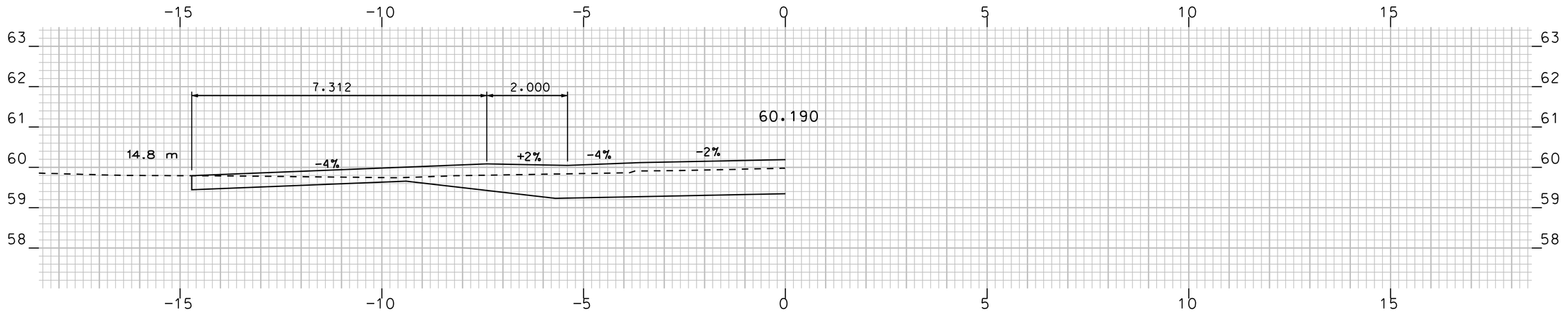
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

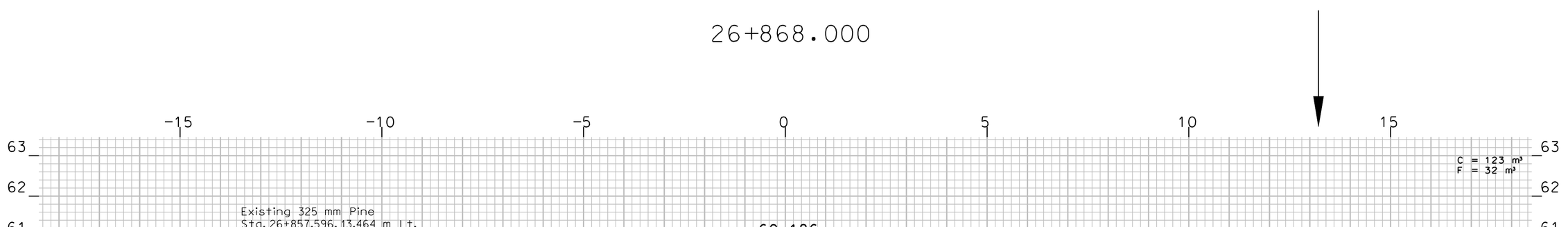


26+884.500
(SKEWED)

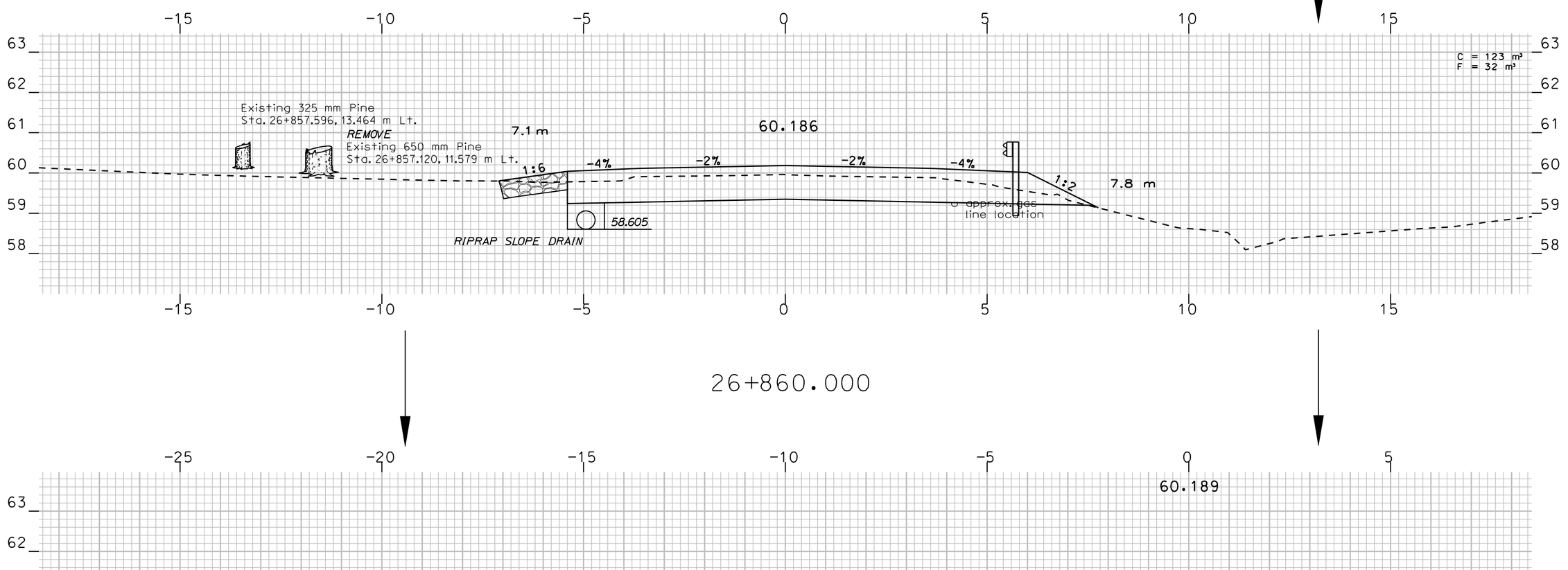


26+880.000

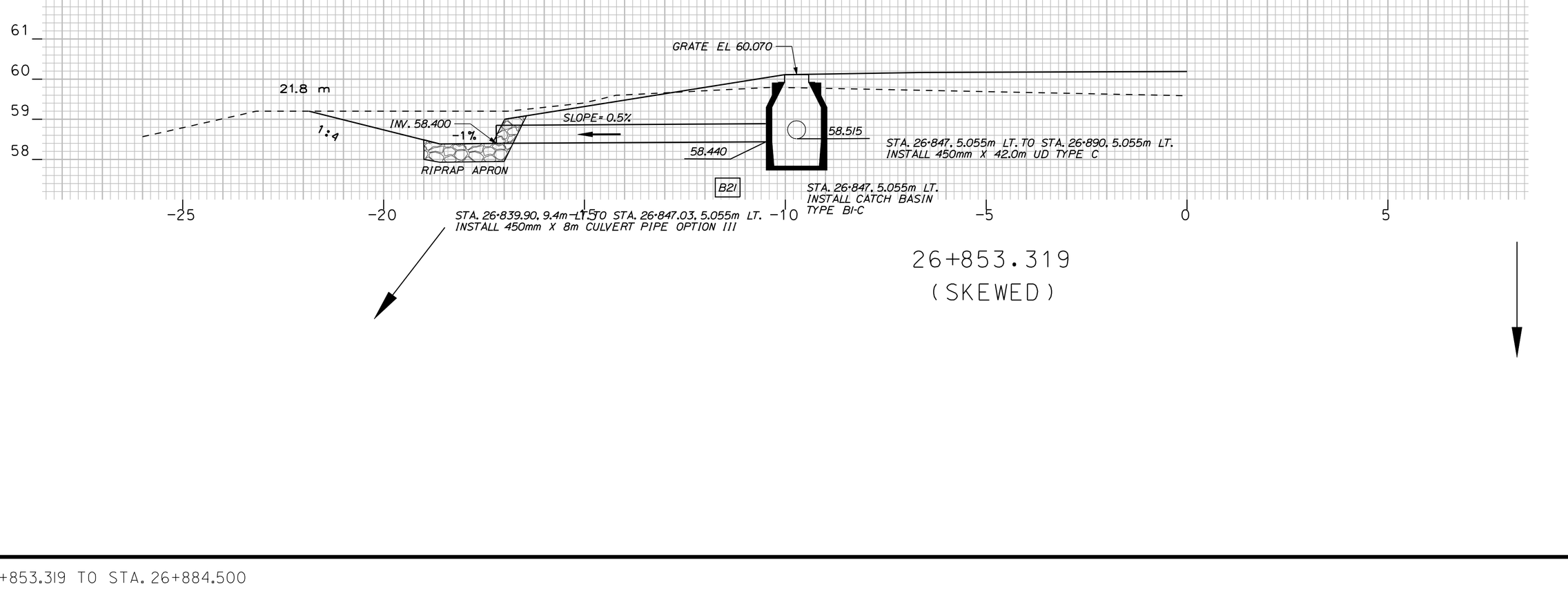




26+868.000



26+860.000



26+853.319
(SKEWED)

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	82	138

PIN 7998.20

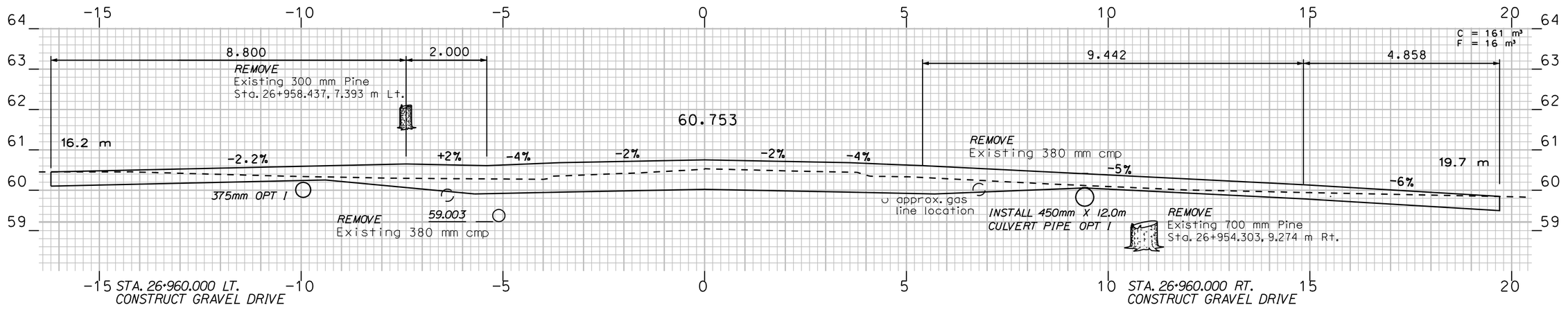
WELLS

ROUTE 109

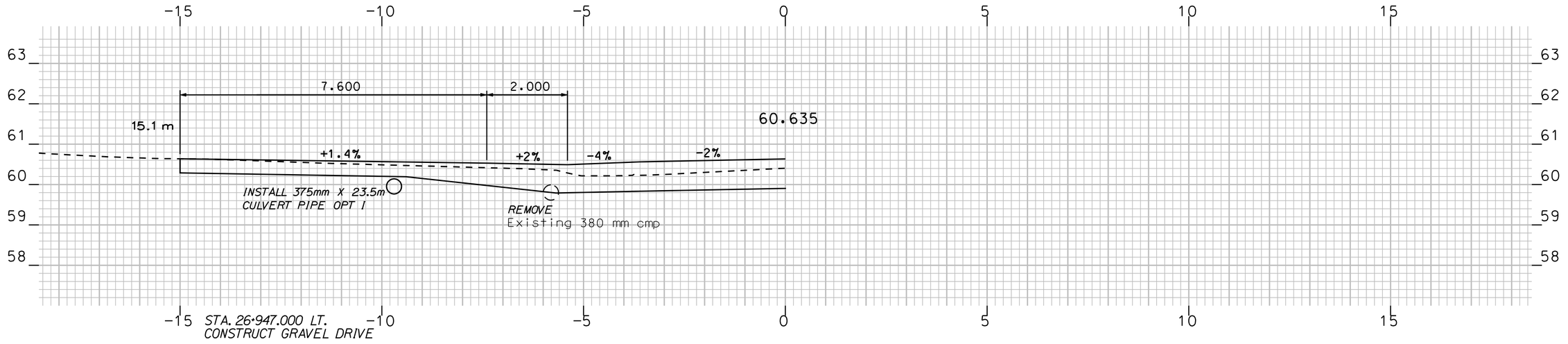
STA. 26+853.319 TO STA. 26+884.500

Filename: ...\047_26620-27280_004.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

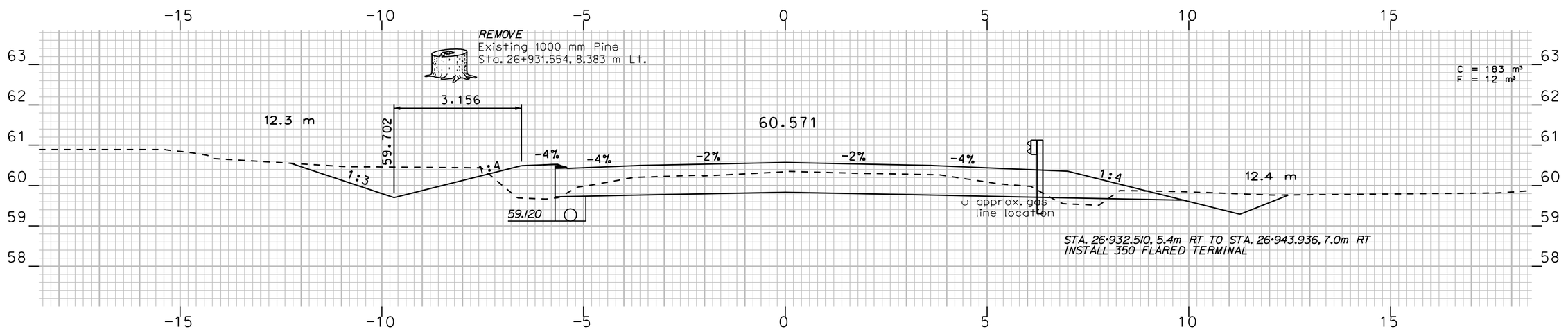
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



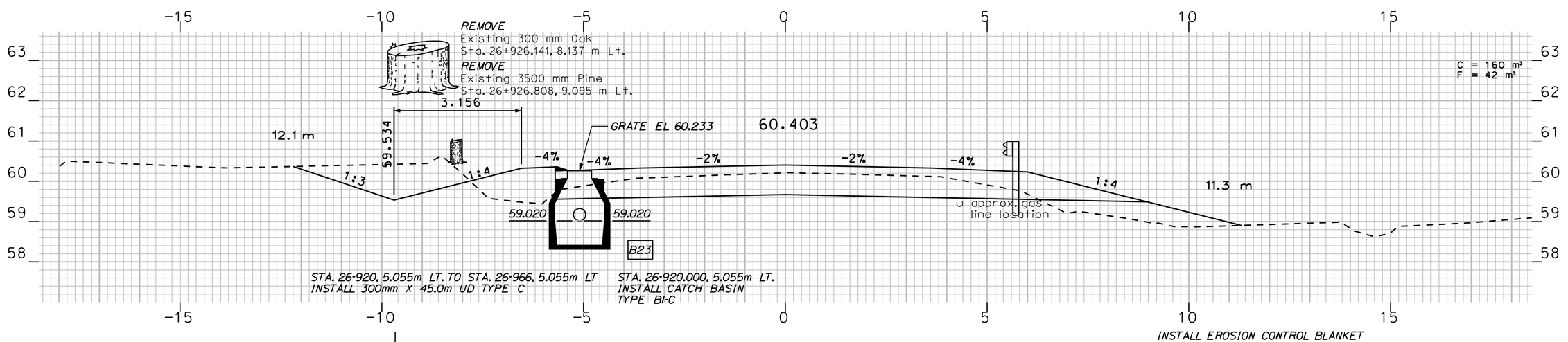
26+960.000 (SKEWED @ RT 12.0)



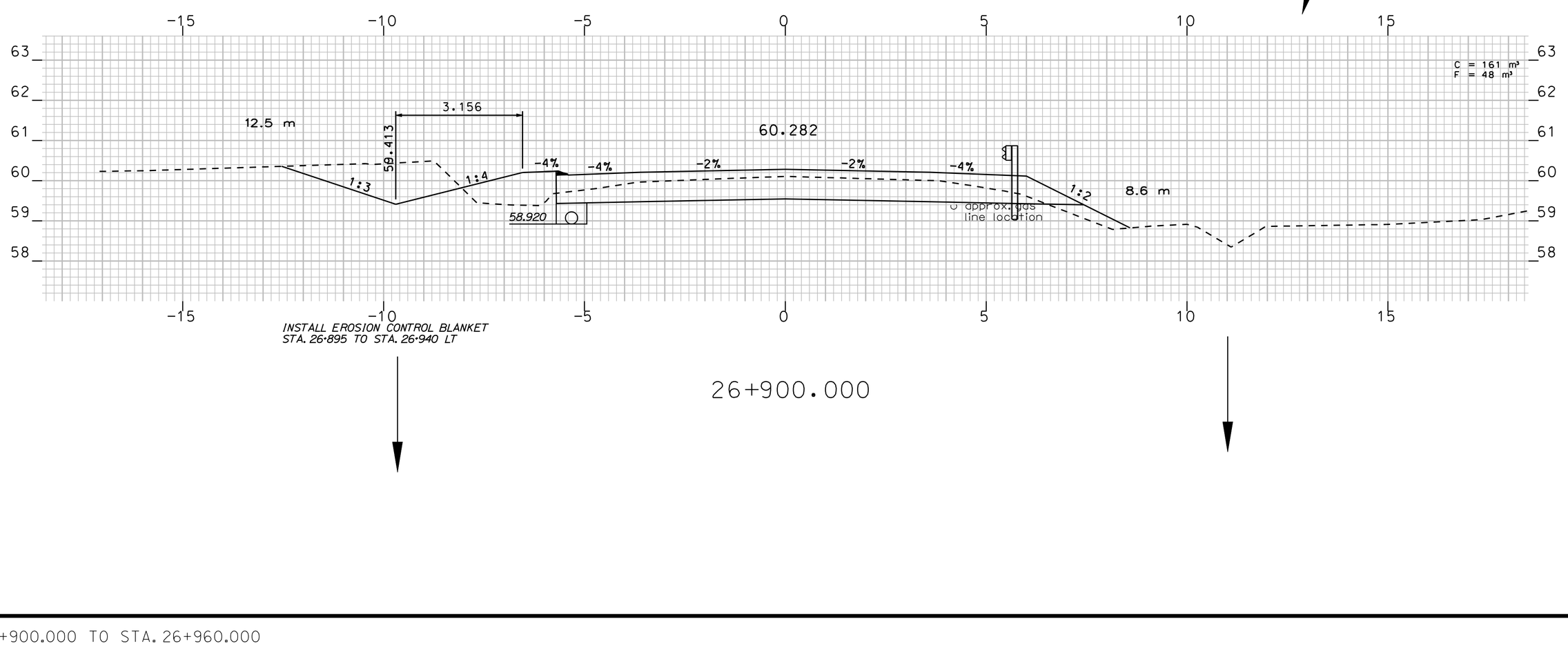
26+947.000



26+940.000



26+920.000



26+900.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	83	138

PIN 7998.20

WELLS

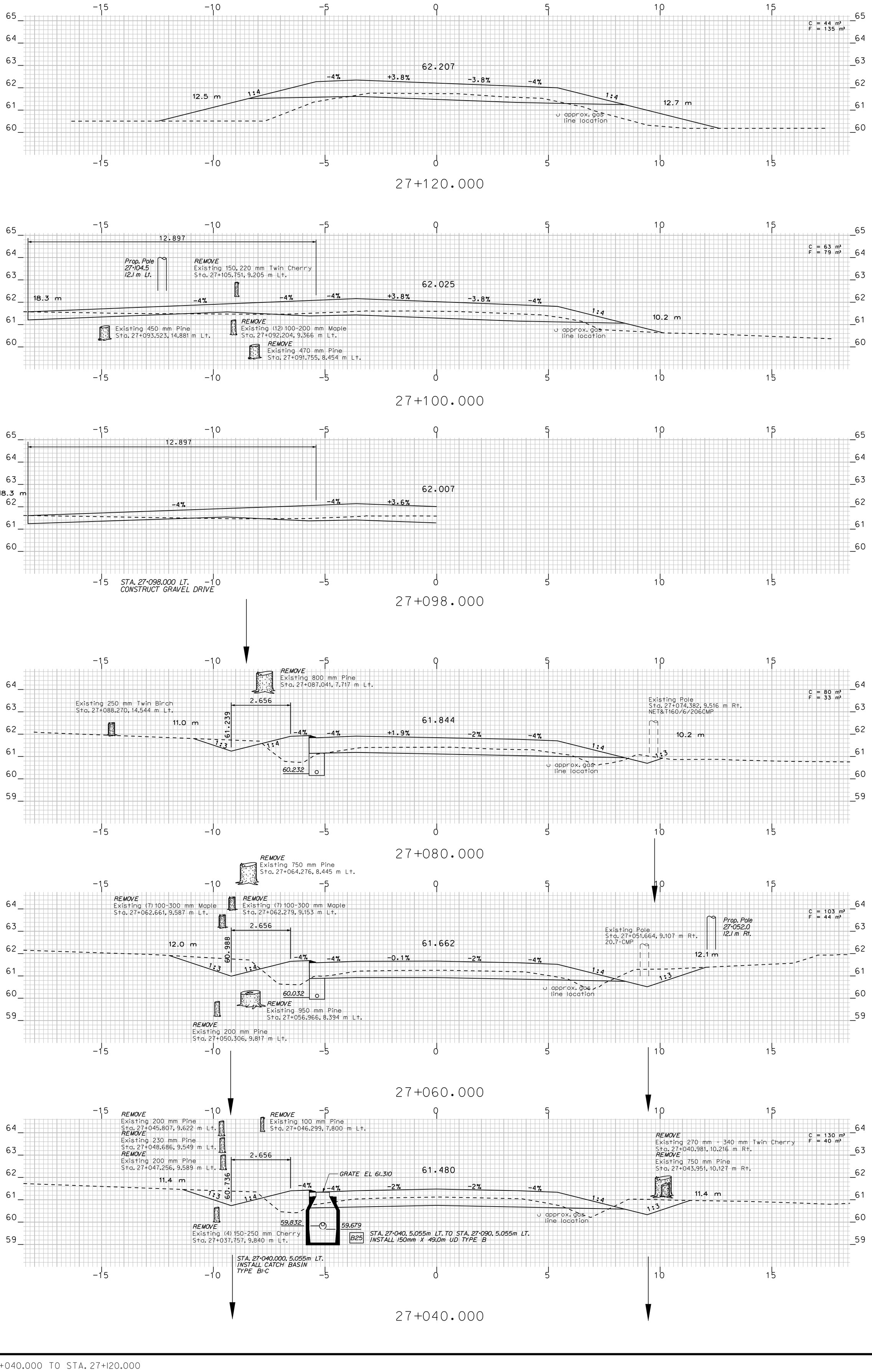
ROUTE 109

STA. 26+900.000 TO STA. 26+960.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

Filename: ...\047_26620-27280_004.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	85	138

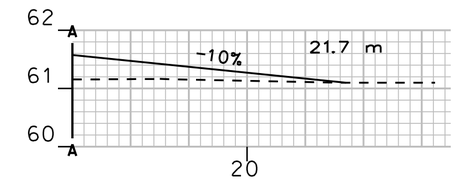
PIN 7998.20

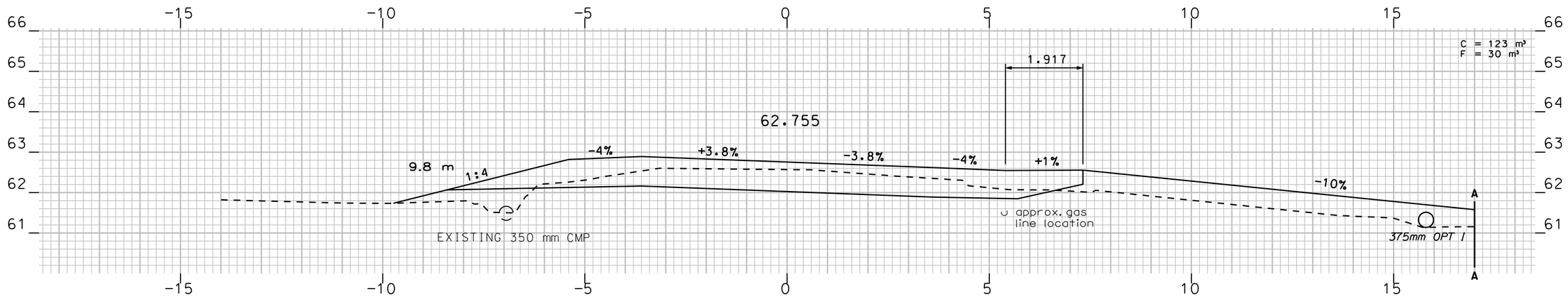
WELLS

ROUTE 109

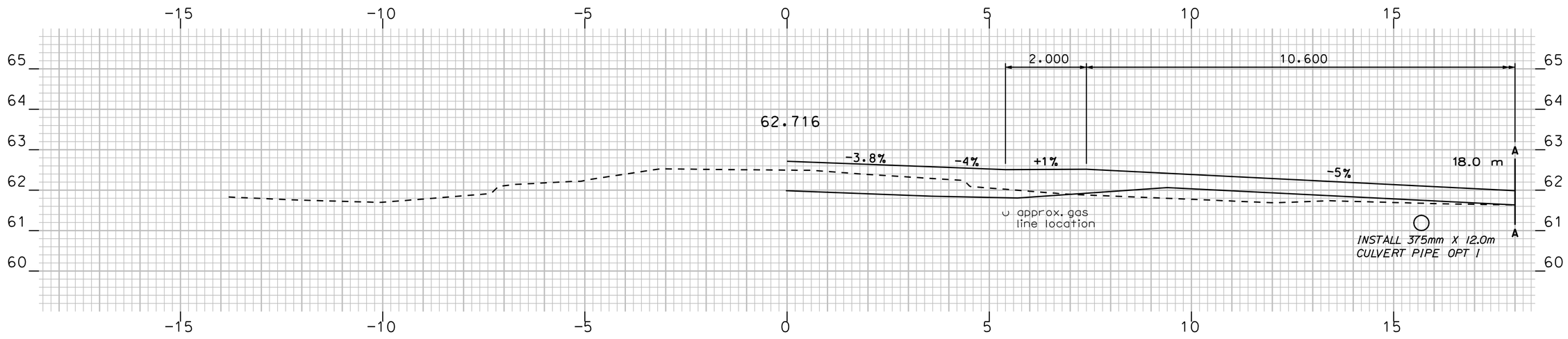
STA. 27+040.000 TO STA. 27+120.000

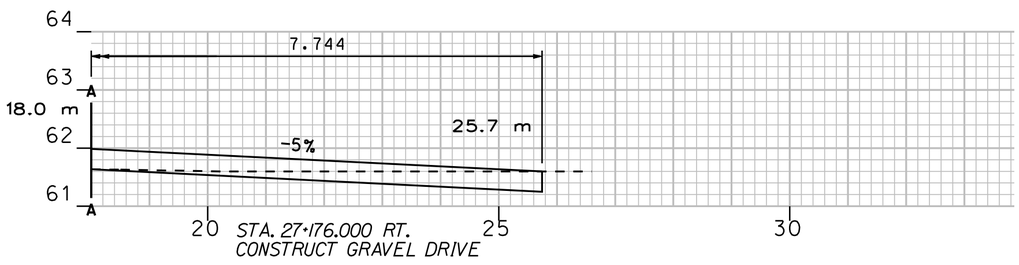
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



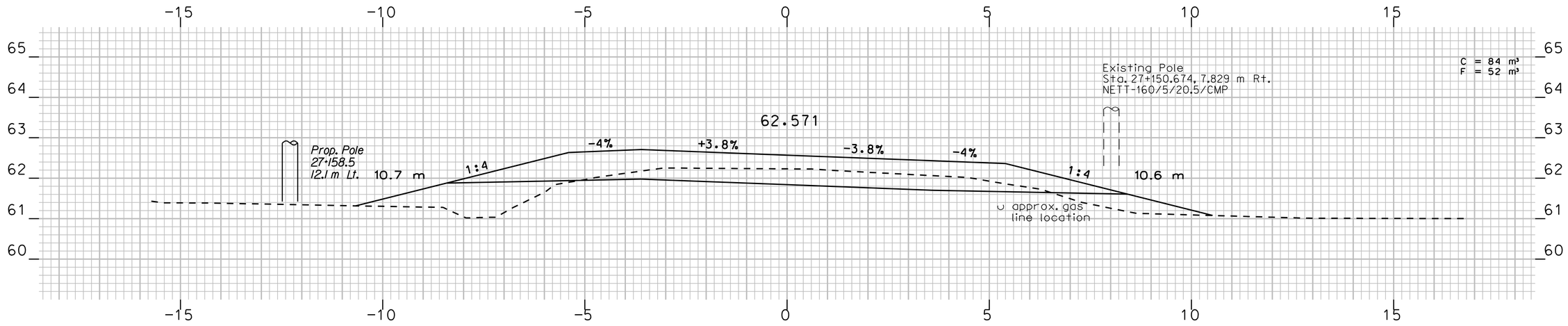


27+180.000

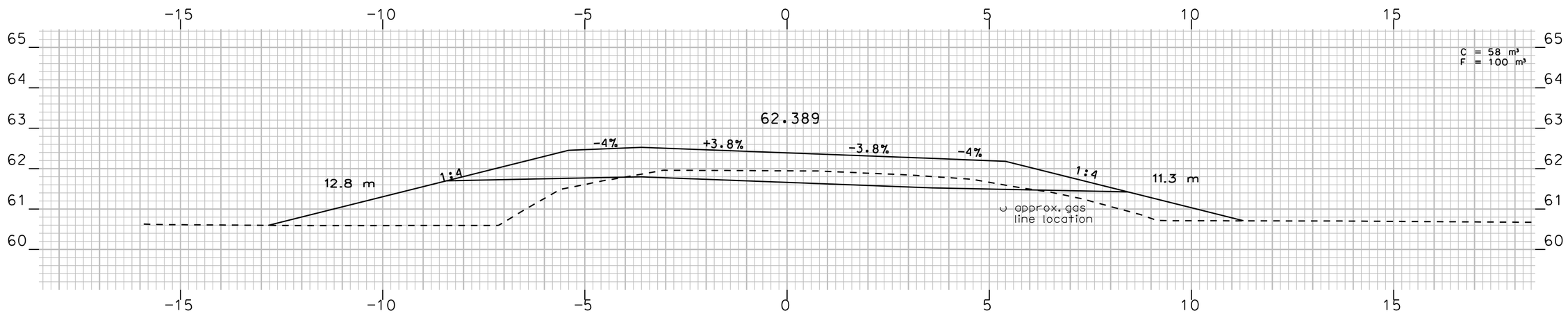




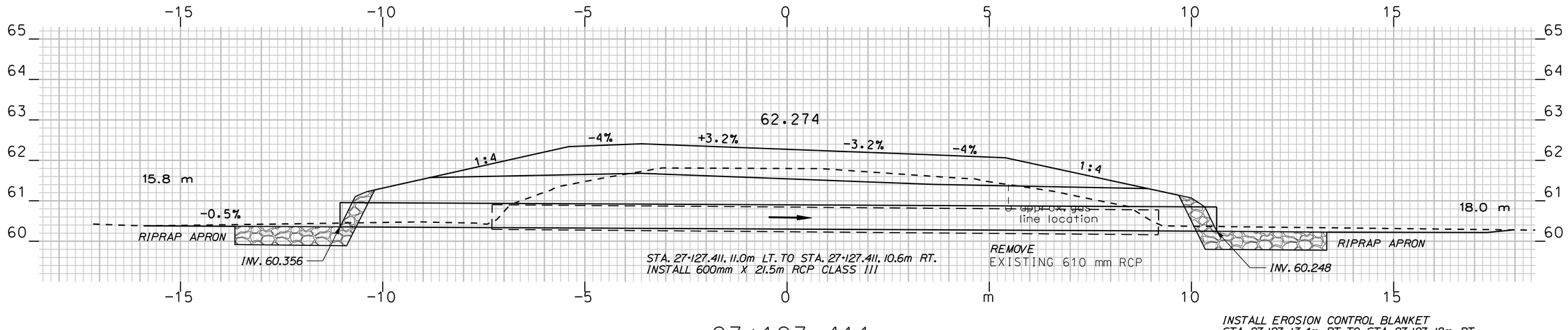
27+176.000



27+160.000



27+140.000



27+127.411

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	86	138

PIN 7998.20

WELLS

ROUTE 109

STA. 27+127.411 TO STA. 27+180.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	87	138

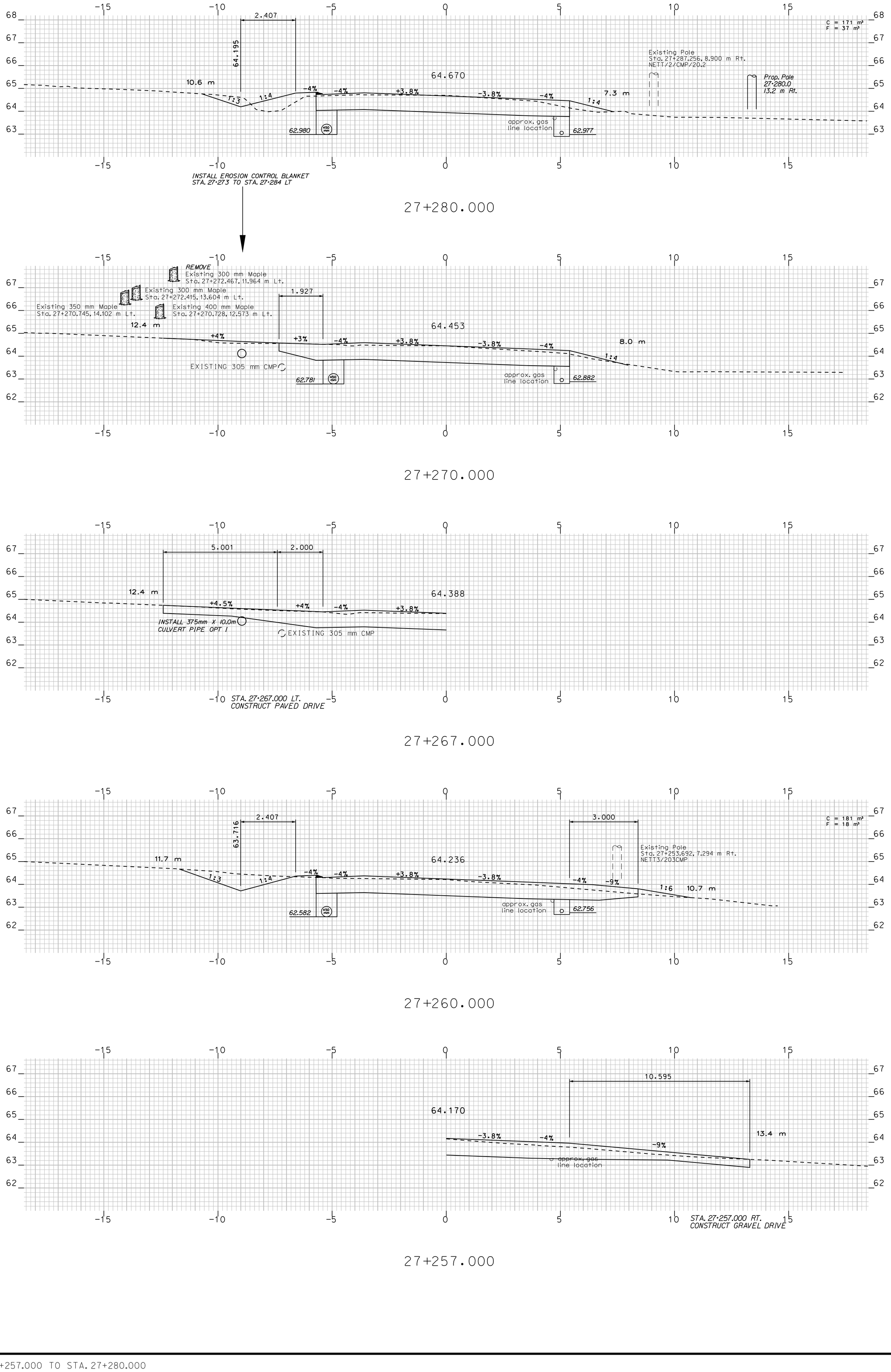
PIN 7998.20

WELLS

ROUTE 109

STA. 27+200.000 TO STA. 27+249.000

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	88	138

PIN 7998.20

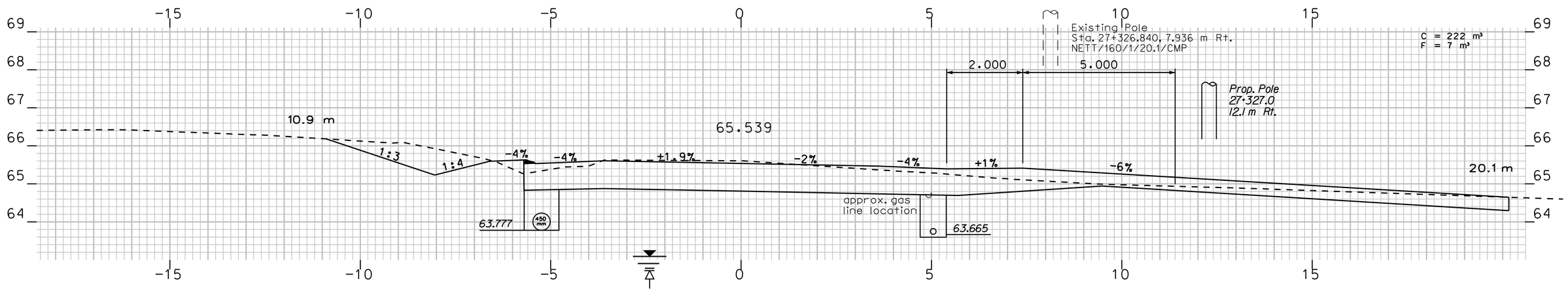
WELLS

ROUTE 109

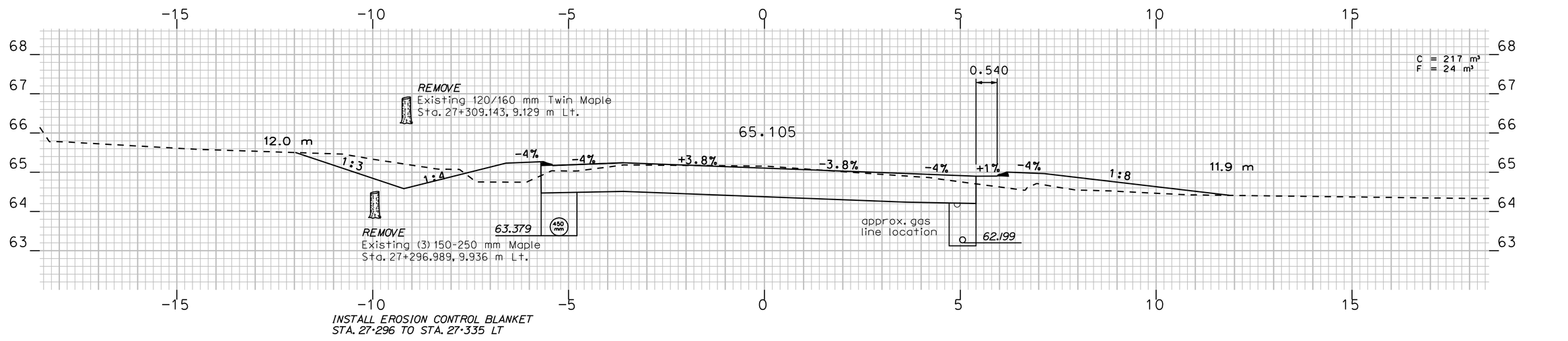
STA. 27+257.000 TO STA. 27+280.000

Filename: ...\048_27290-27960_005.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

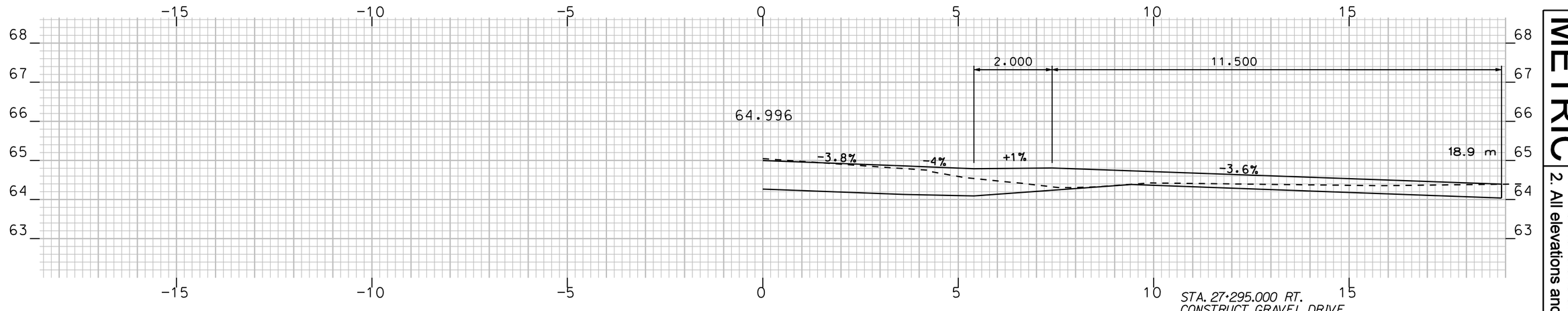
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



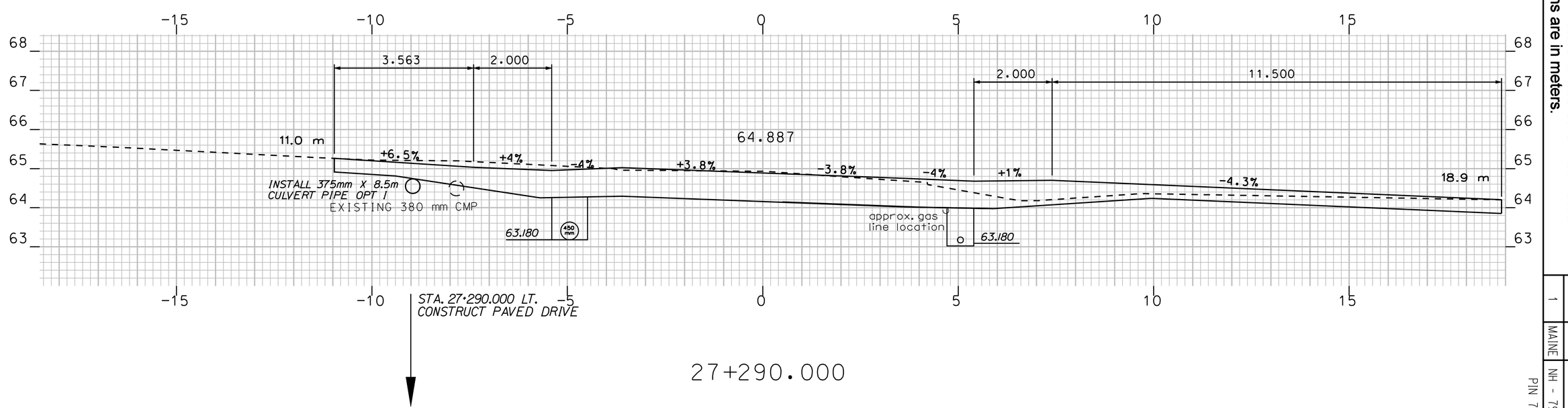
27+320.000



27+300.000



27+295.000



27+290.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	89	138

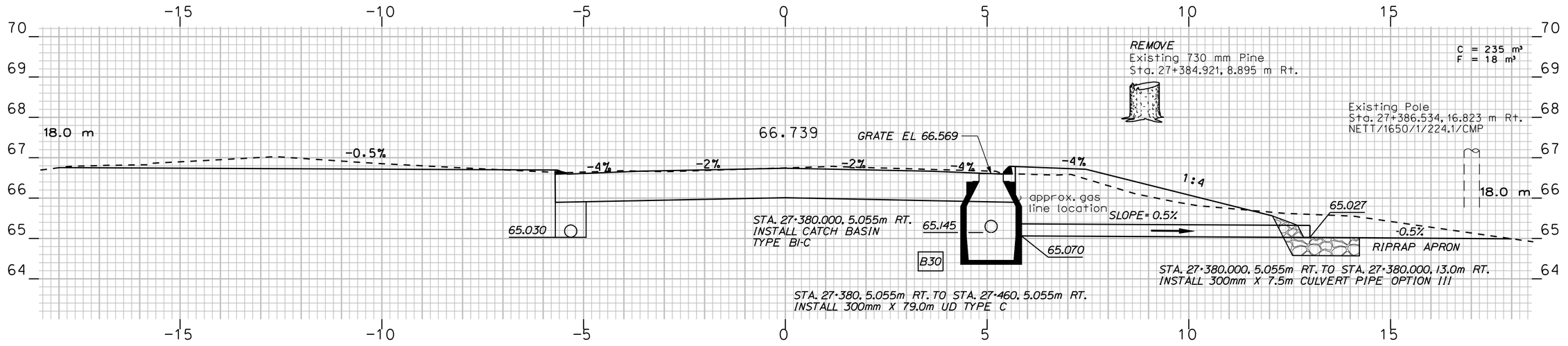
PIN 7998.20

WELLS

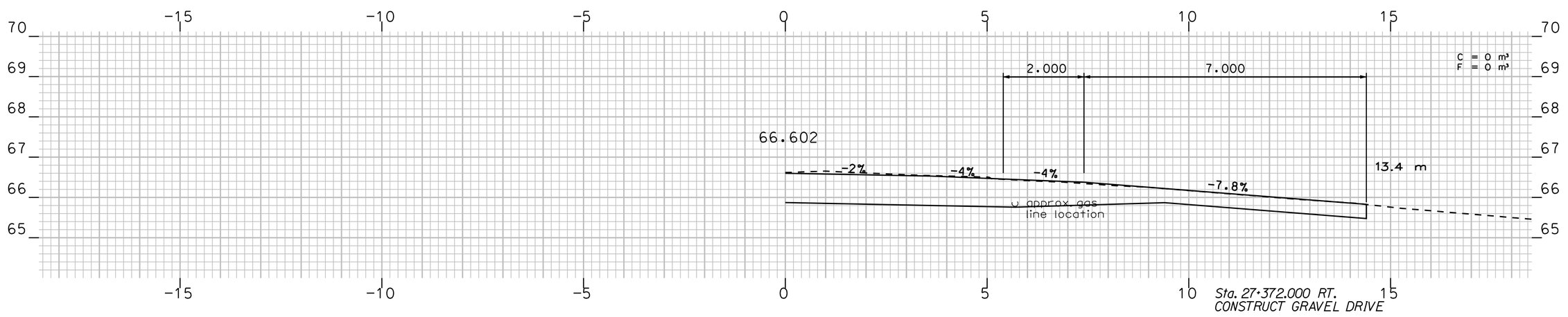
ROUTE 109

STA. 27+290.000 TO STA. 27+320.000

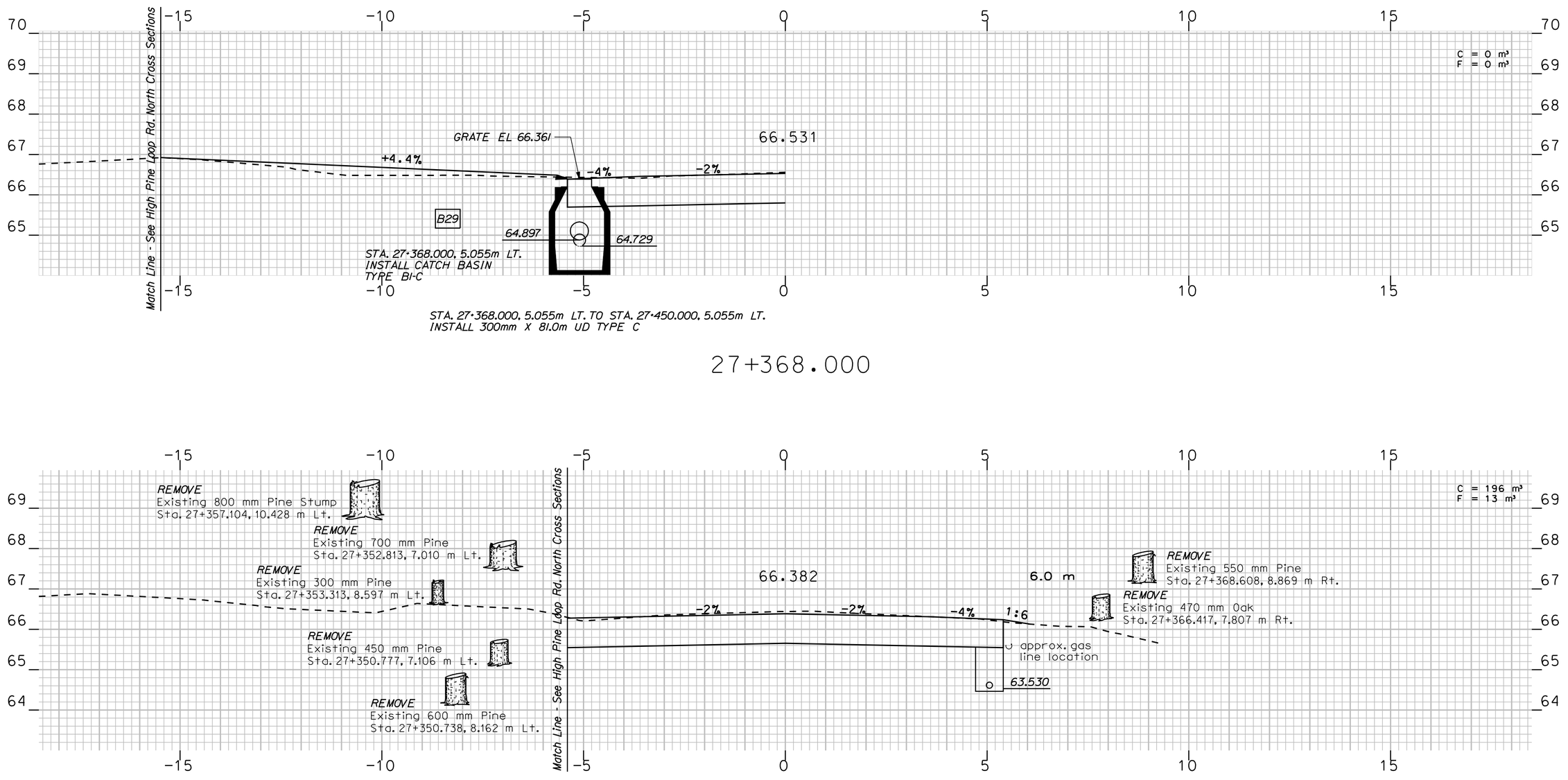
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



27+380.000



27+372.000



27+368.000

27+360.000

27+340.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	90	138

PIN 7998.20

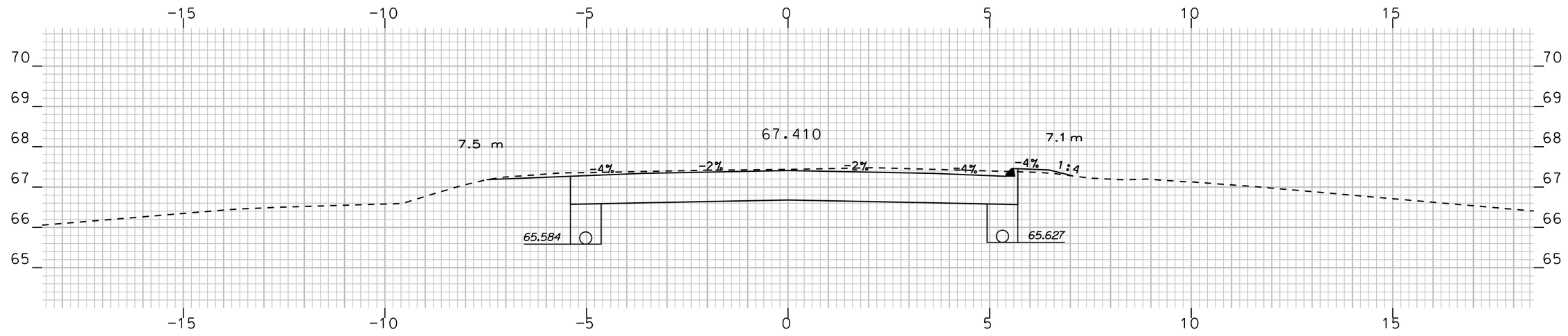
WELLS

ROUTE 109

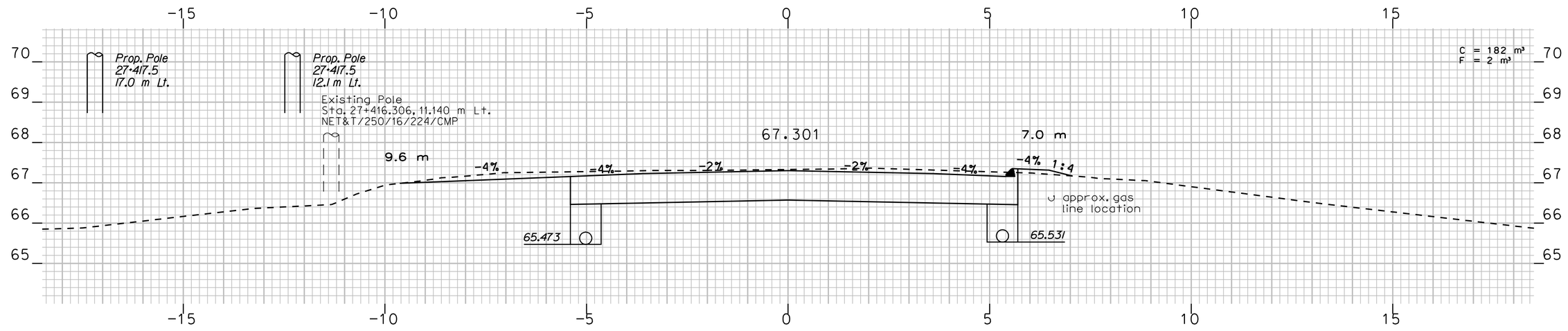
STA. 27+340.000 TO STA. 27+380.000

Filename: ...\048_27290-27960_005.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

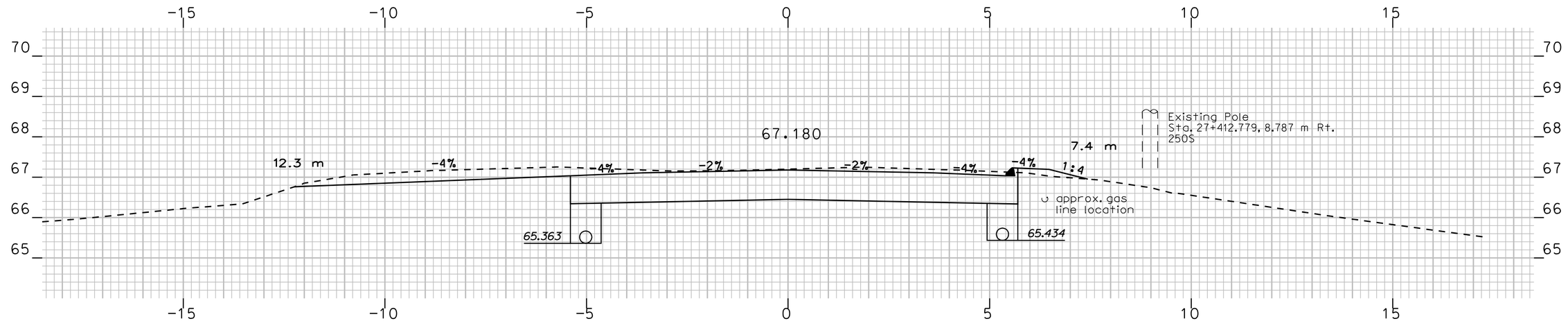
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



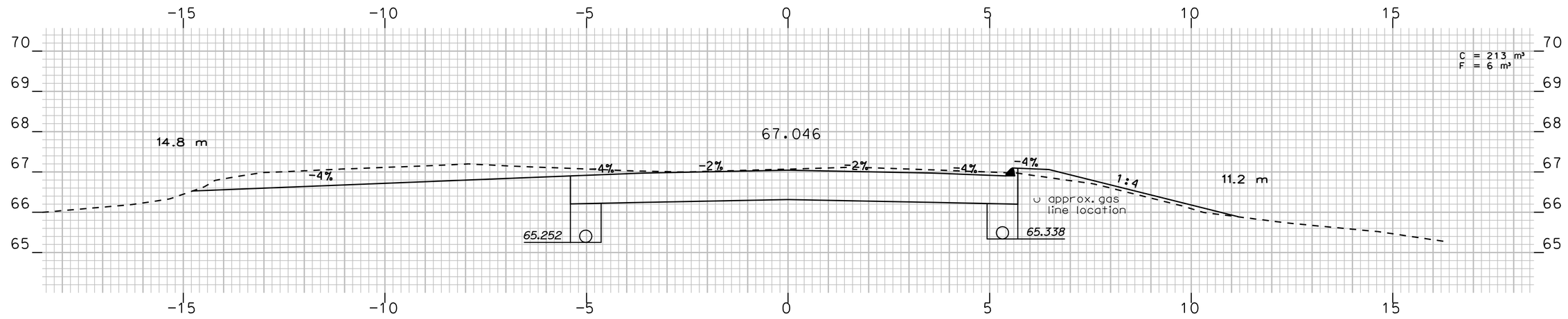
27+430.000



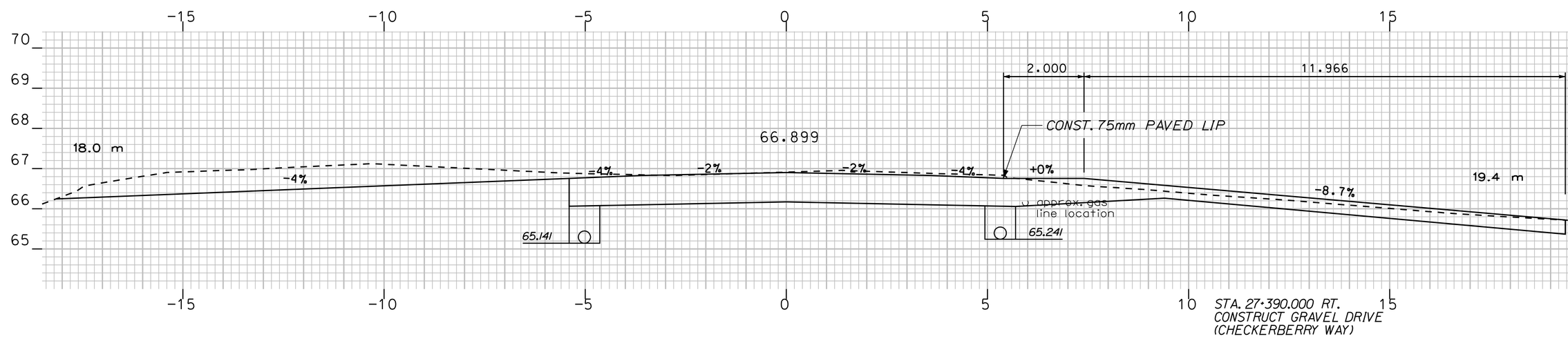
27+420.000



27+410.000



27+400.000



27+390.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	91	138

PIN 7998.20

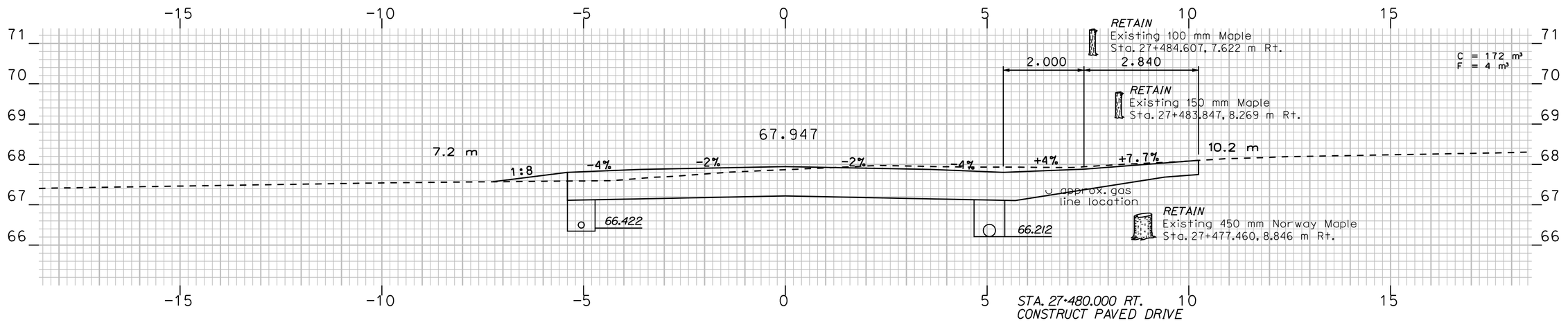
WELLS

ROUTE 109

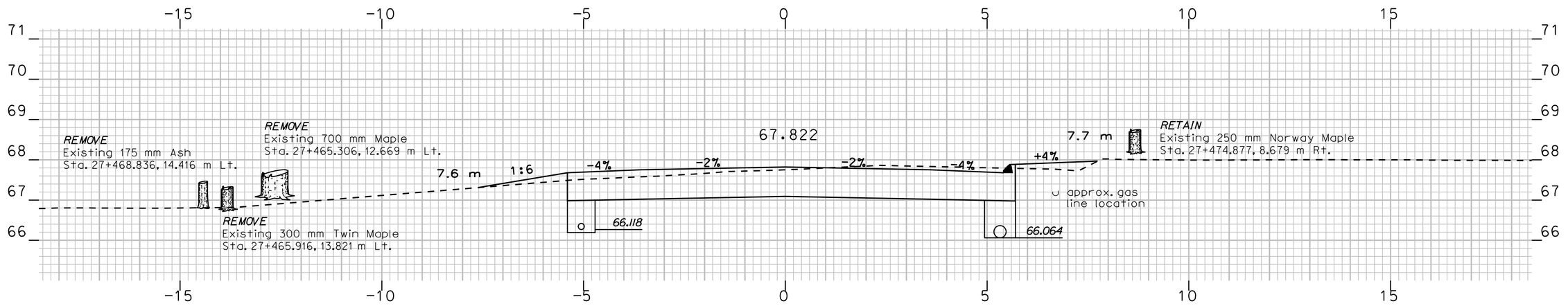
STA. 27+390.000 TO STA. 27+430.000

Filename: ...\048_27290-27960_005.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

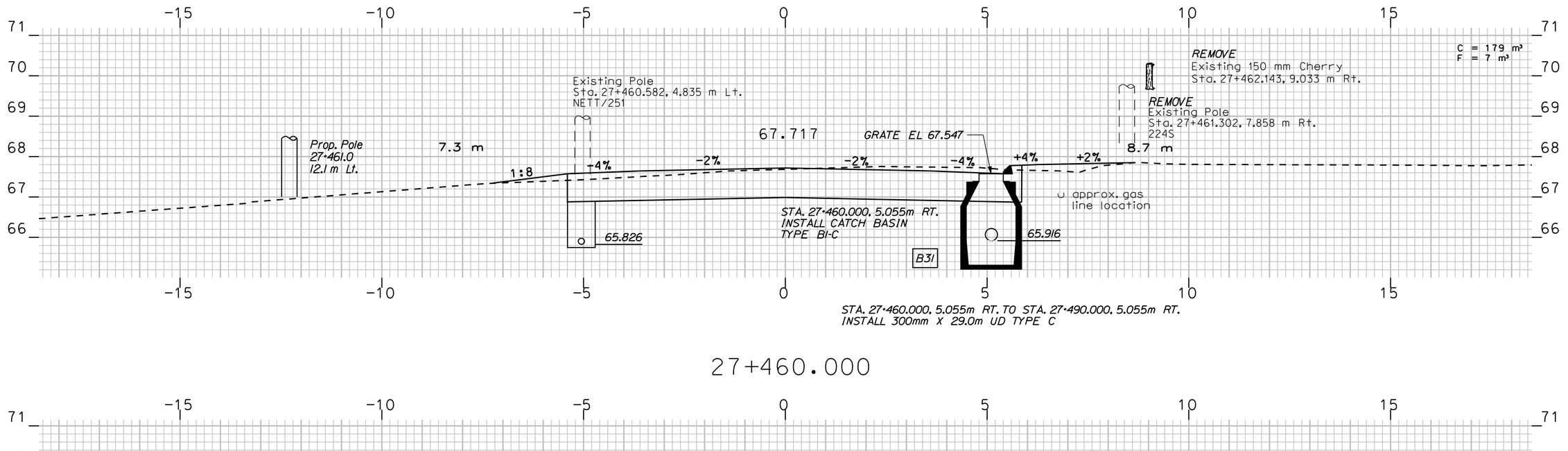
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



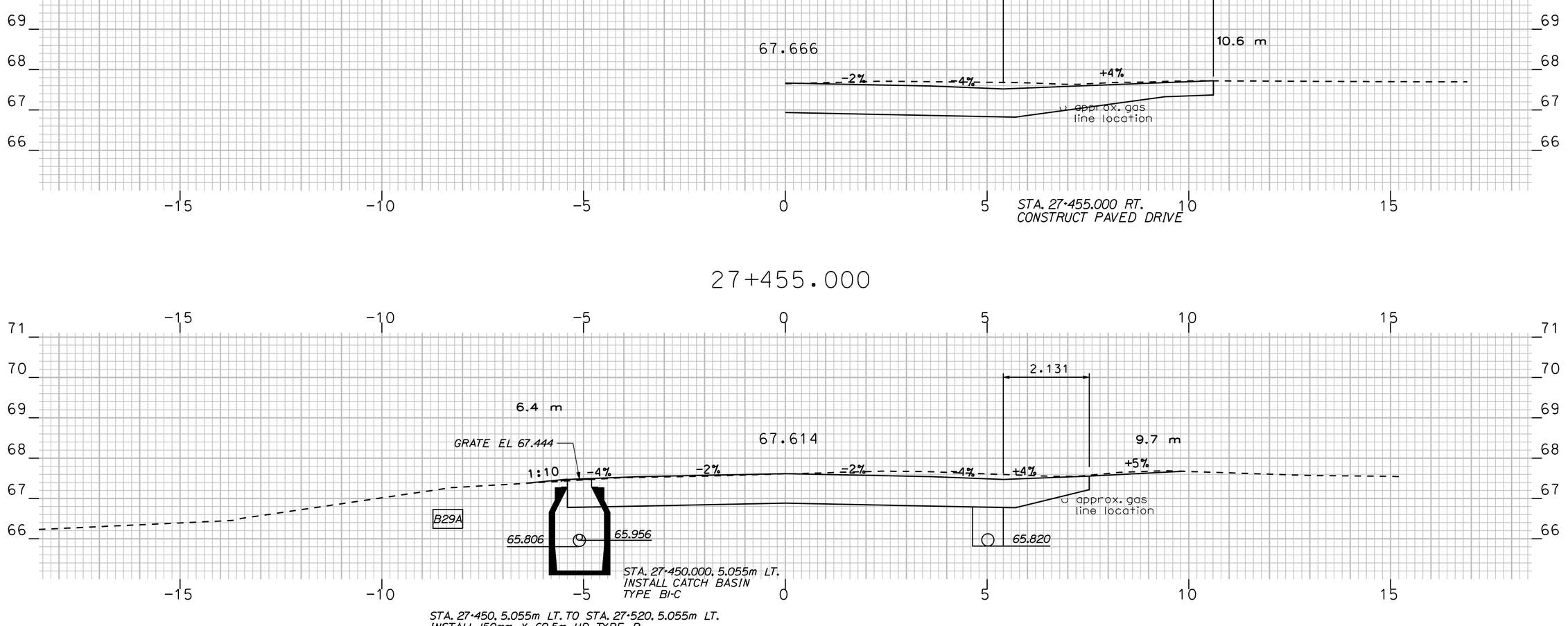
27+480.000



27+470.000

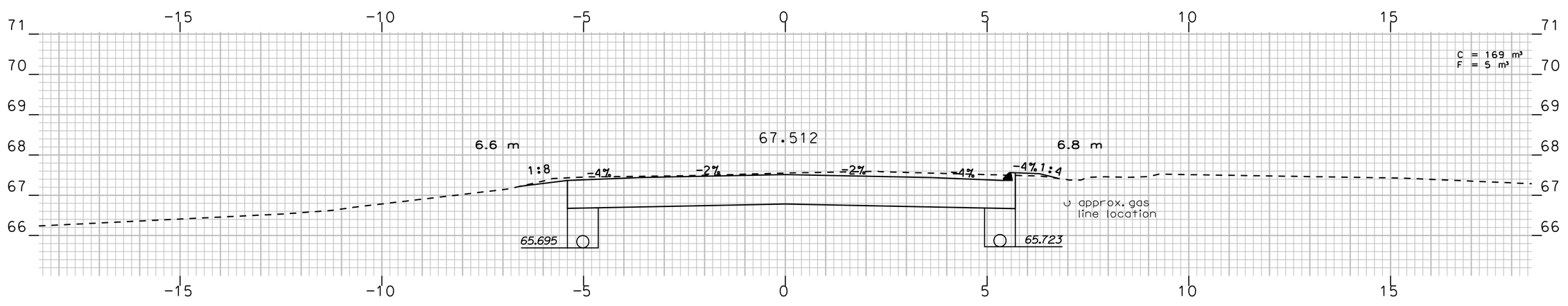


27+460.000



27+455.000

27+450.000



27+440.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	92	138

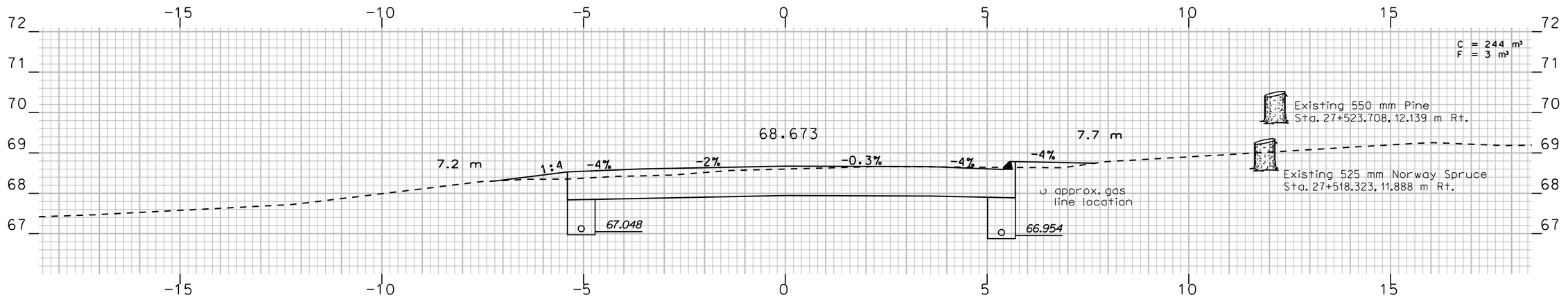
PIN 7998.20

WELLS

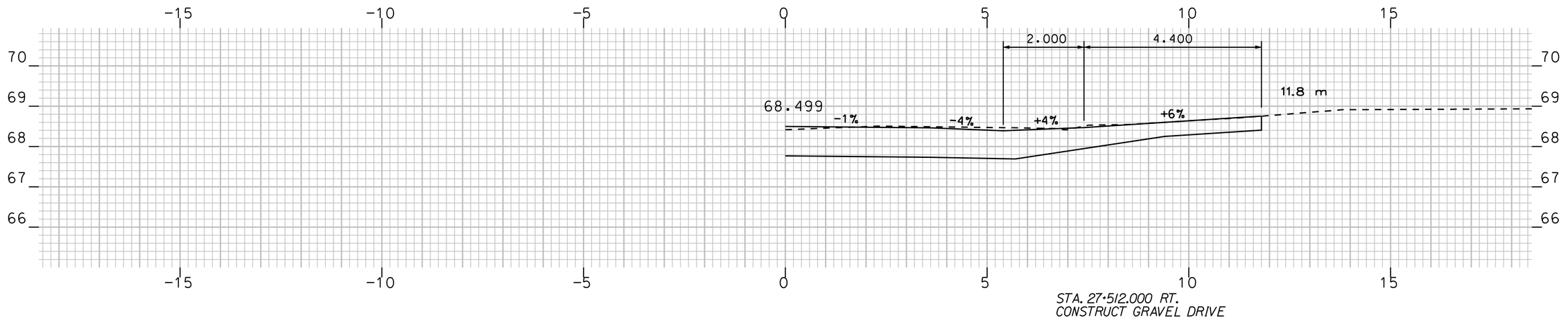
ROUTE 109

STA. 27+440.000 TO STA. 27+480.000

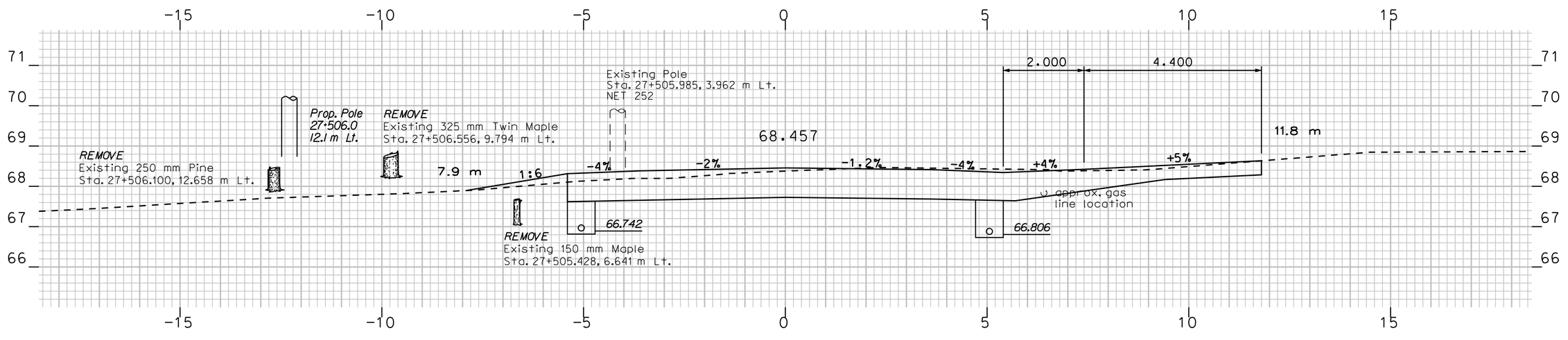
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



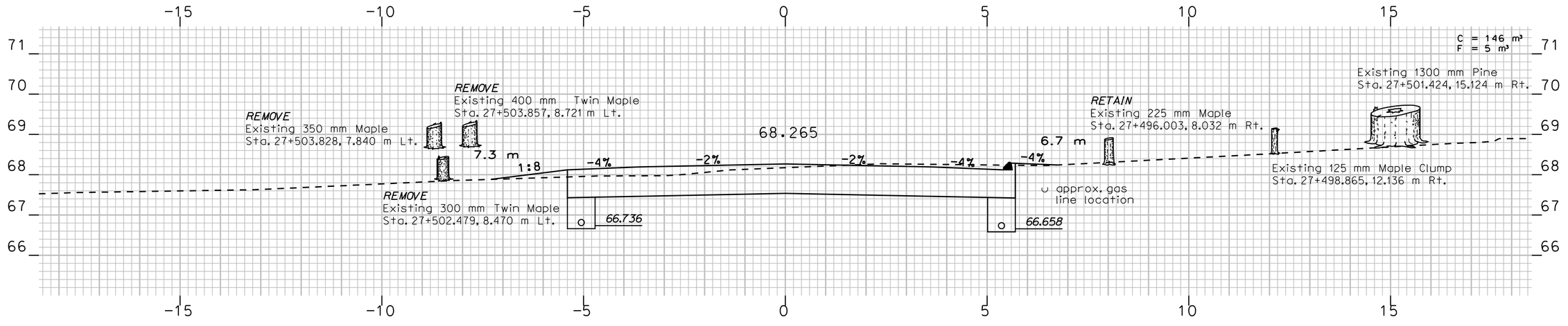
27+520.000



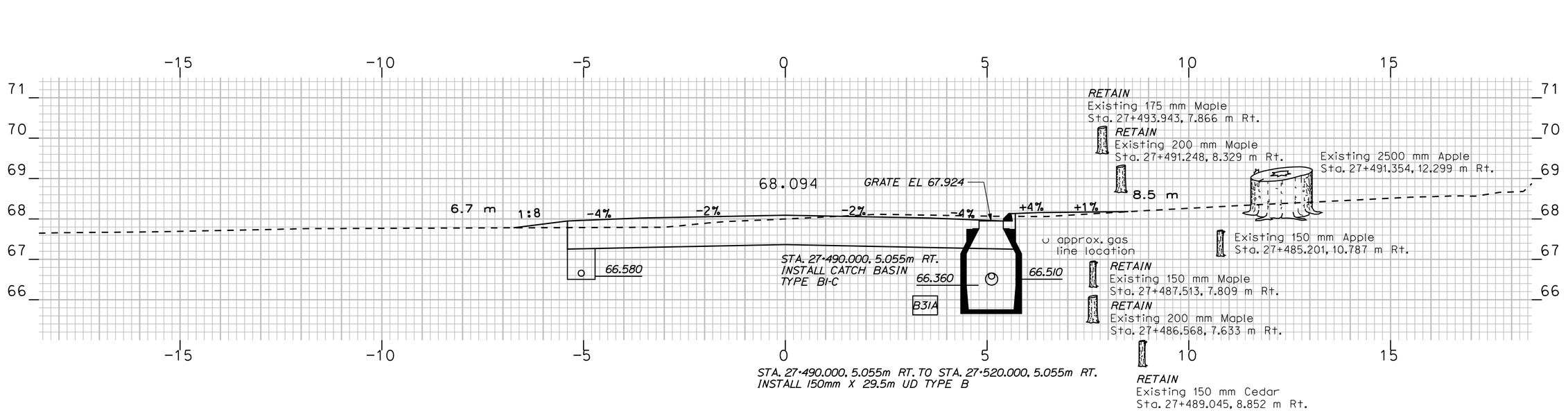
27+512.000



27+510.000



27+500.000



27+490.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	93	138

PIN 7998.20

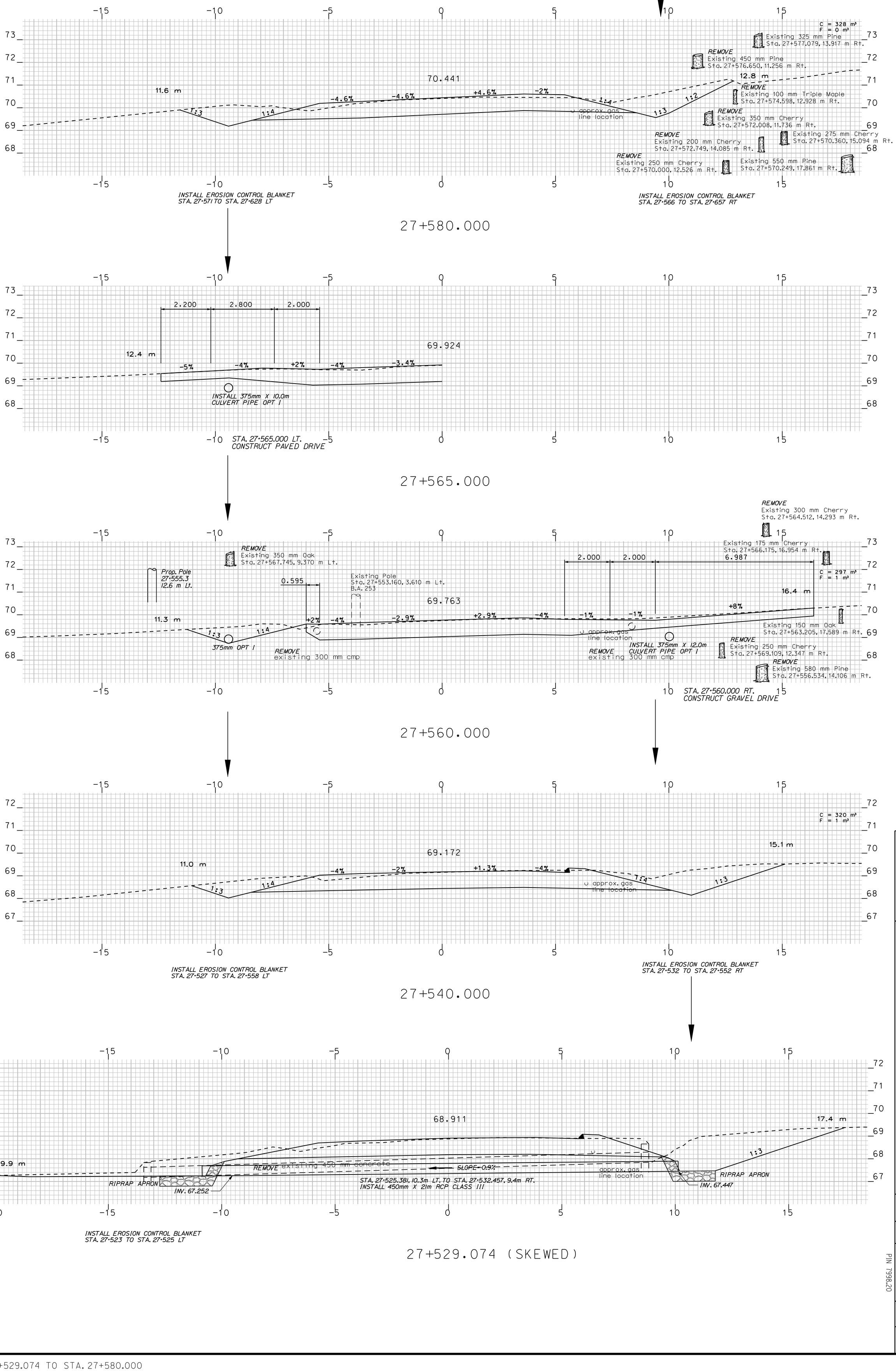
WELLS

ROUTE 109

STA. 27+490.000 TO STA. 27+520.000

Filename: ...\048_27290-27960_005.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	94	138

METRIC

PIN 7998.20

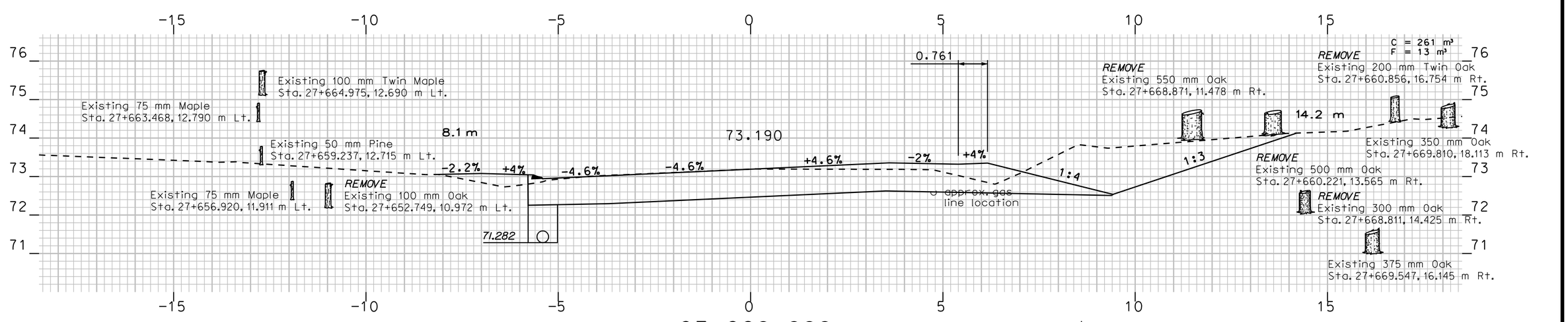
WELLS

ROUTE 109

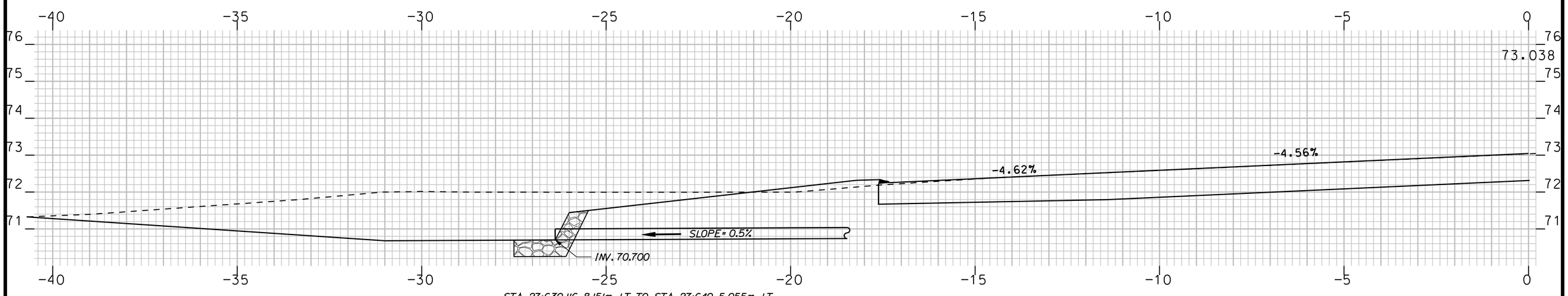
STA. 27+529.074 TO STA. 27+580.000

Filename: ...\048_27290-27960_005.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

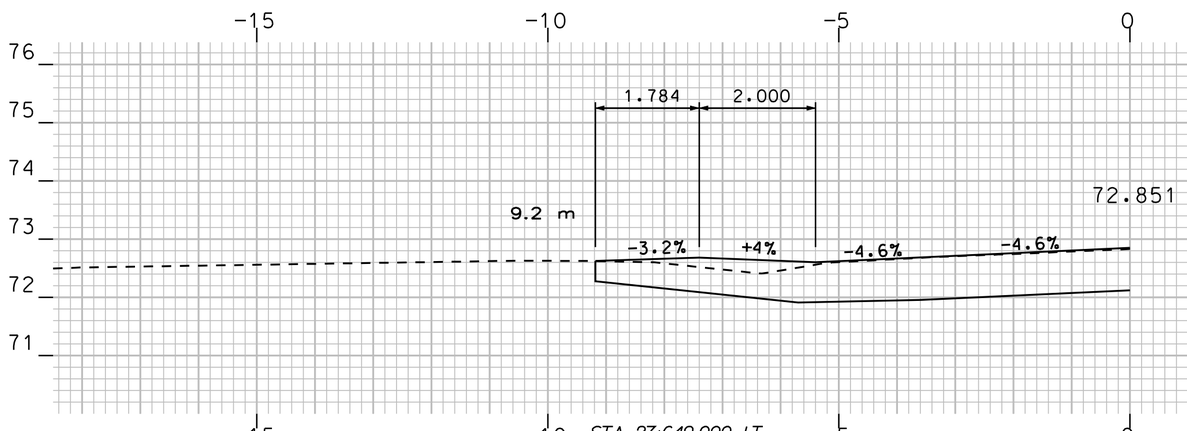


27+660.000



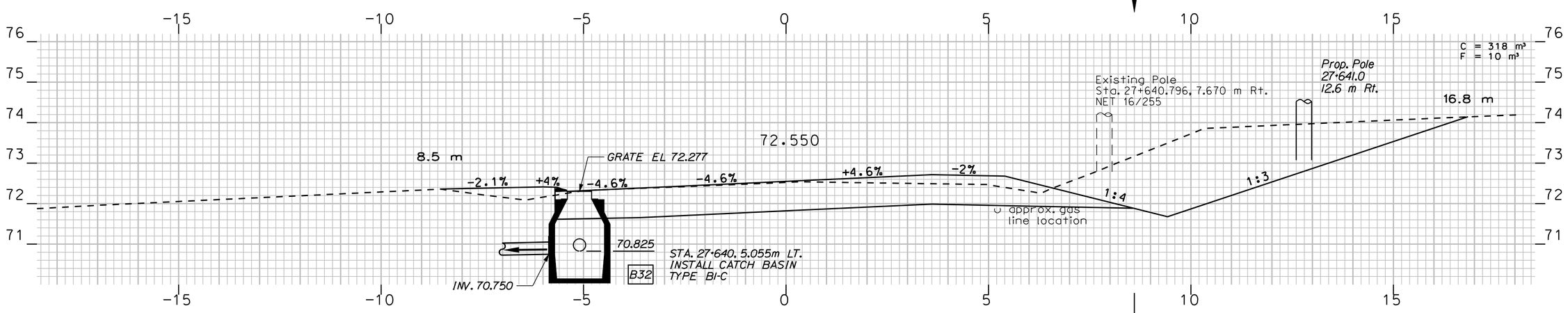
STA. 27+630.116, 8.151m LT. TO STA. 27+640. 5.055m LT.
INSTALL 300mm X 10.0m OPT III

27+655.250 (SKEWED)



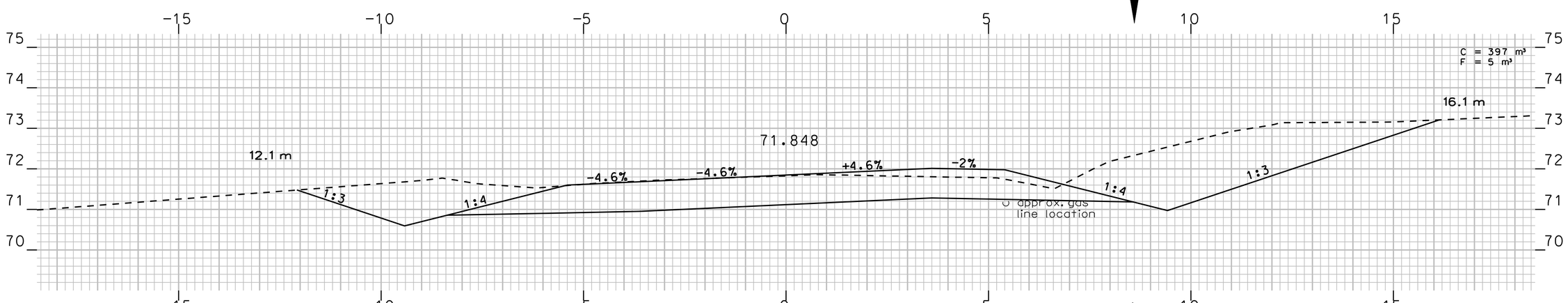
STA. 27+649.000 LT.
CONSTRUCT GRAVEL DRIVE

27+649.000

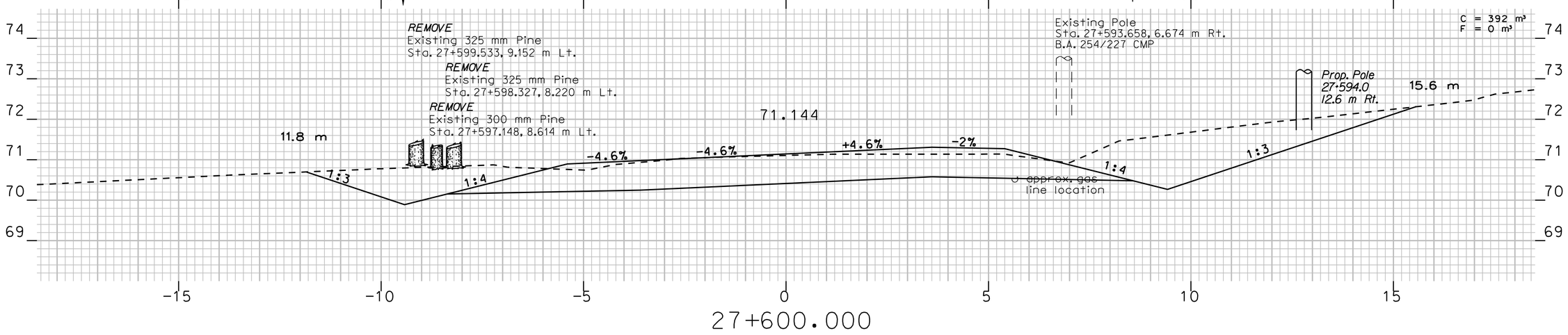


STA. 27+640. 5.055m LT. TO STA. 27+695. 5.055m LT.
INSTALL 300mm X 54.0m UD TYPE C

27+640.000



27+620.000



27+600.000

STA. 27+600.000 TO STA. 27+660.000

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

METRIC

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	95	138

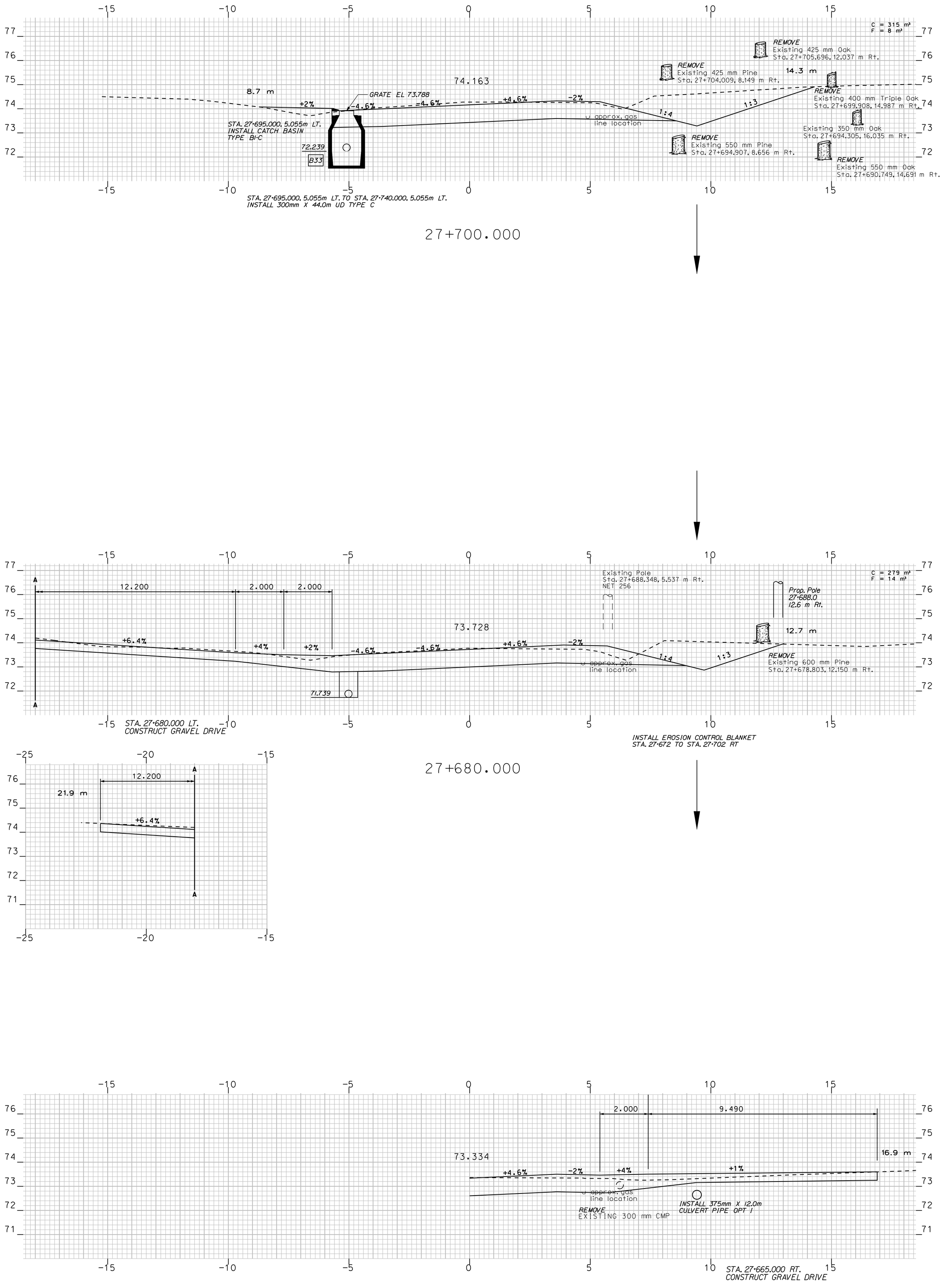
PIN 7998.20

WELLS

ROUTE 109

Filename: ...\048_27290-27960_005.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	96	138

PIN 7998.20

METRIC

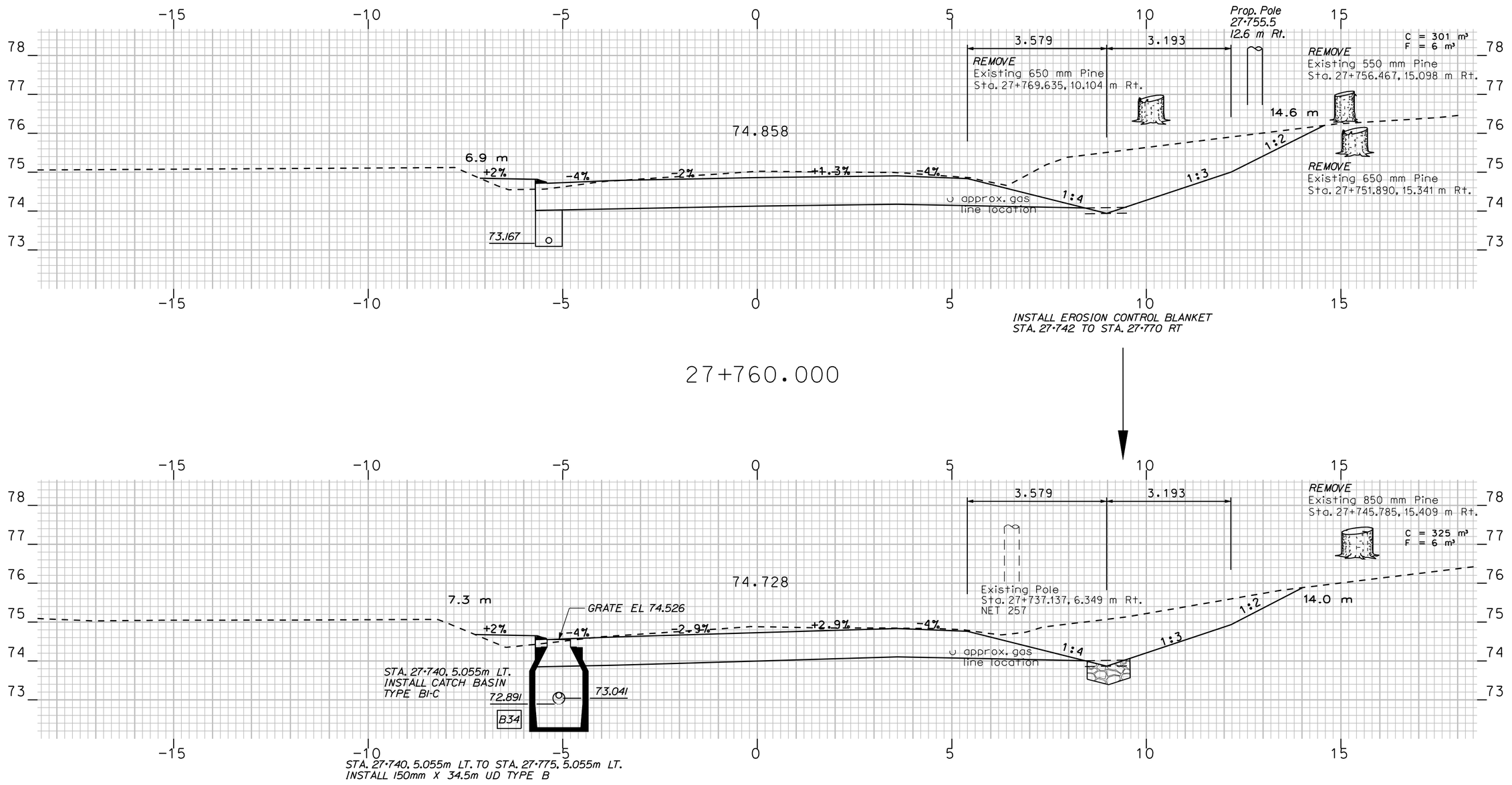
WELLS

ROUTE 109

STA. 27+665.000 TO STA. 27+700.000

Filename: ...\048_27290-27960_005.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	97	138

PIN 7998.20

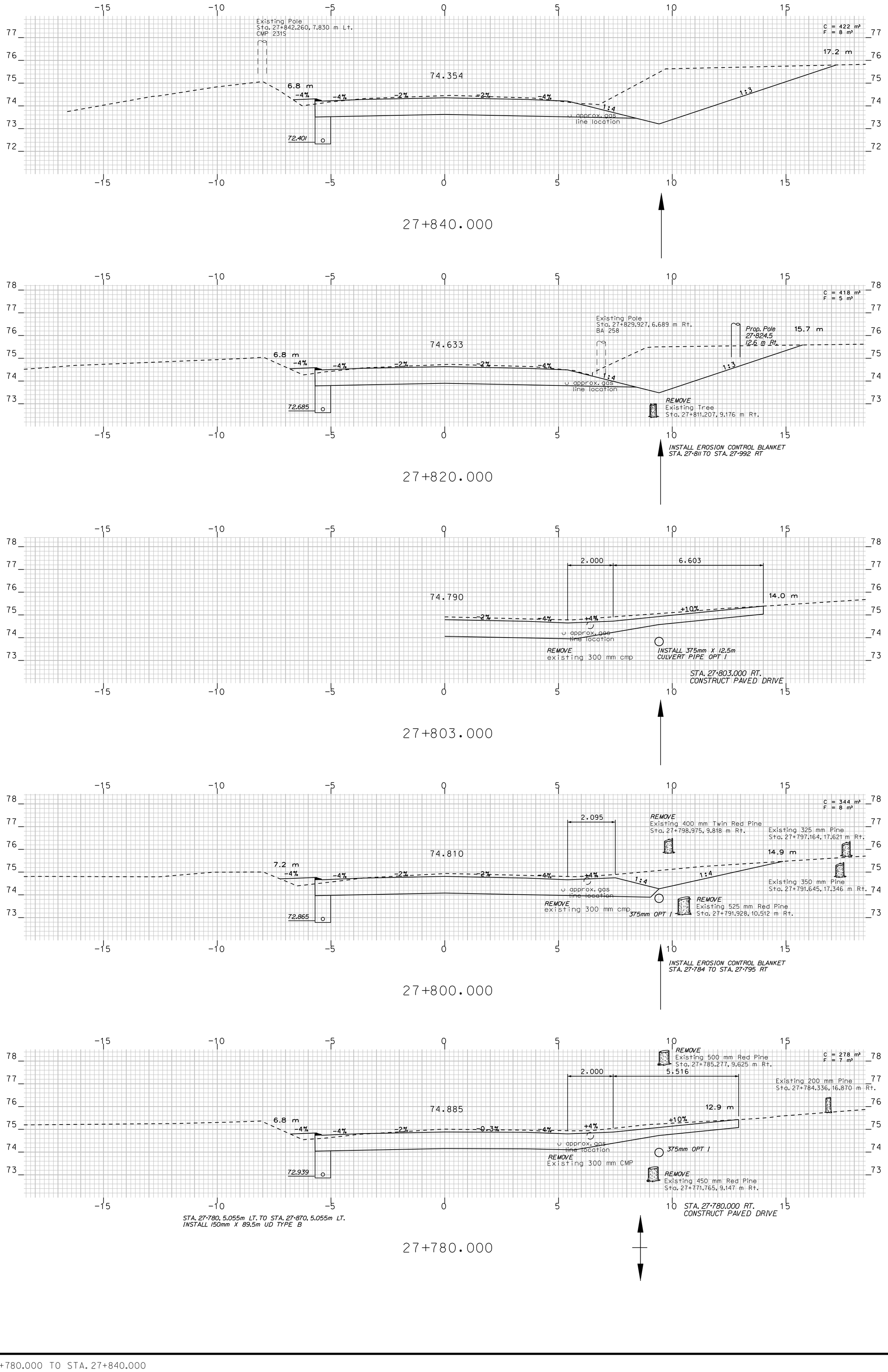
WELLS

ROUTE 109

STA. 27+711.000 TO STA. 27+760.000

Filename: ...\048_27290-27960_005.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	98	138

PIN 7998.20

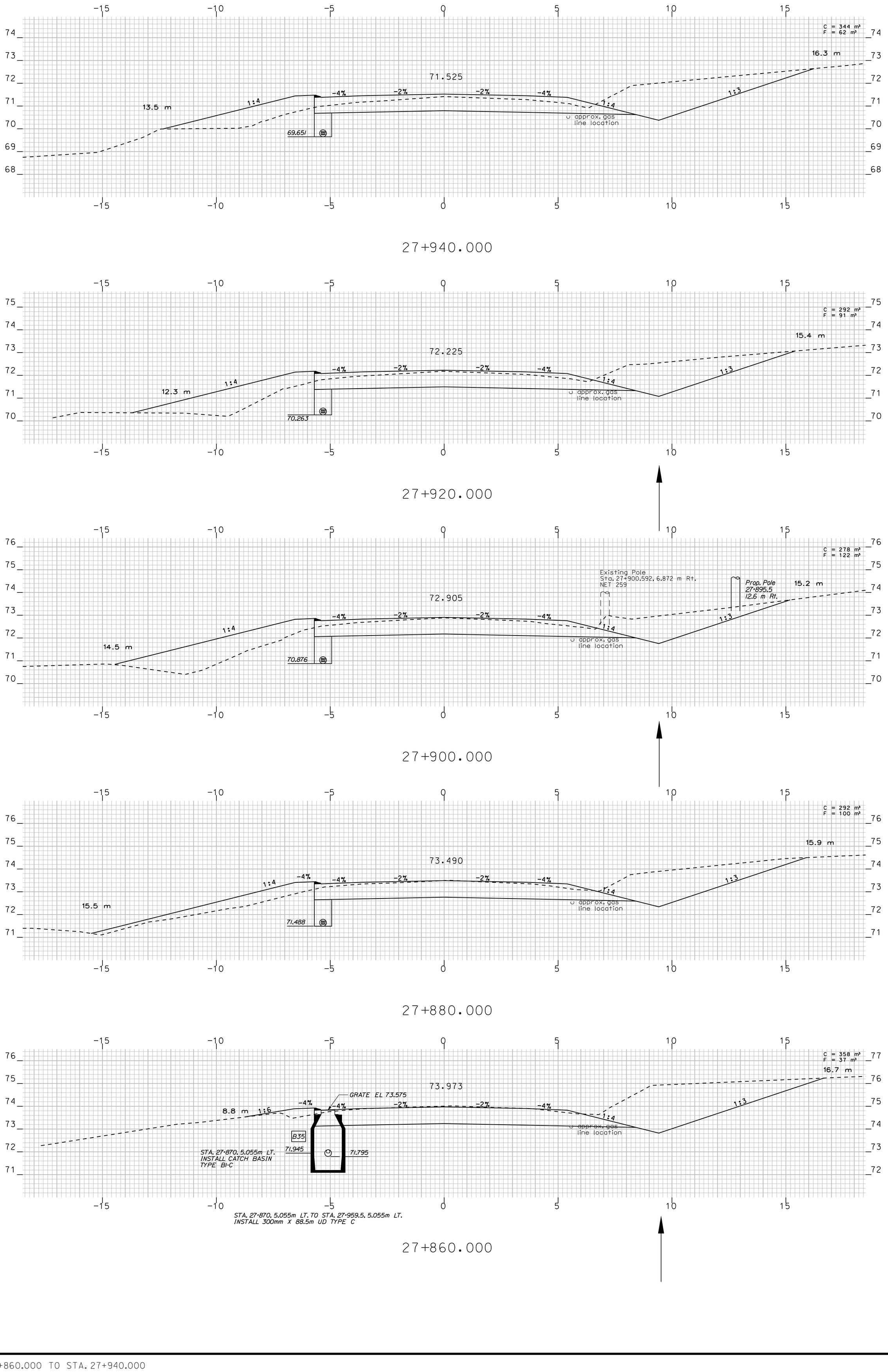
WELLS

ROUTE 109

STA. 27+780.000 TO STA. 27+840.000

Filename: ...\048_27290-27960_005.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	99	138

PIN 7998.20

WELLS

ROUTE 109

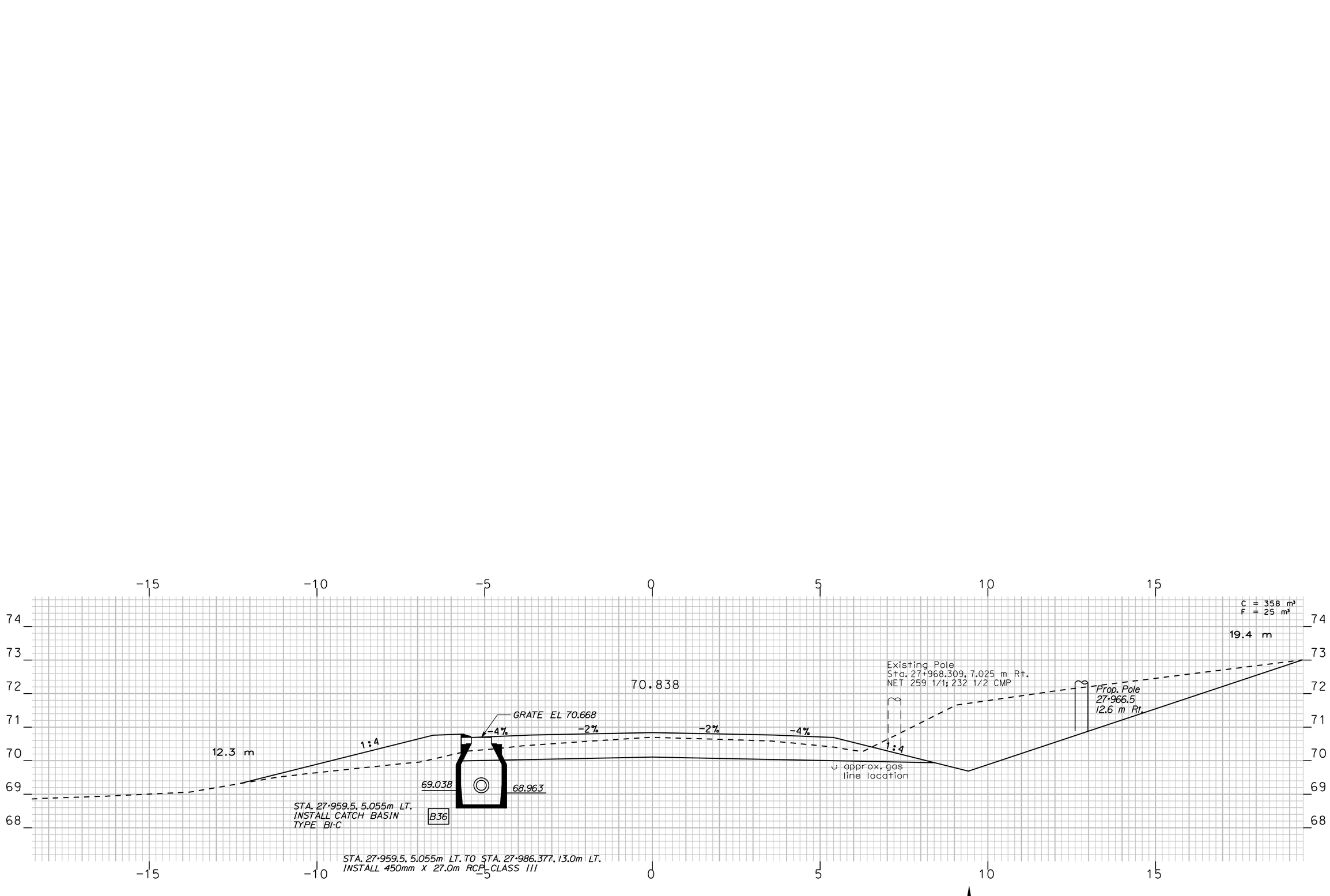
STA. 27+860.000 TO STA. 27+940.000

Filename: ...\048_27290-27960_005.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.



27+960.000

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	100	138

PIN 7998.20

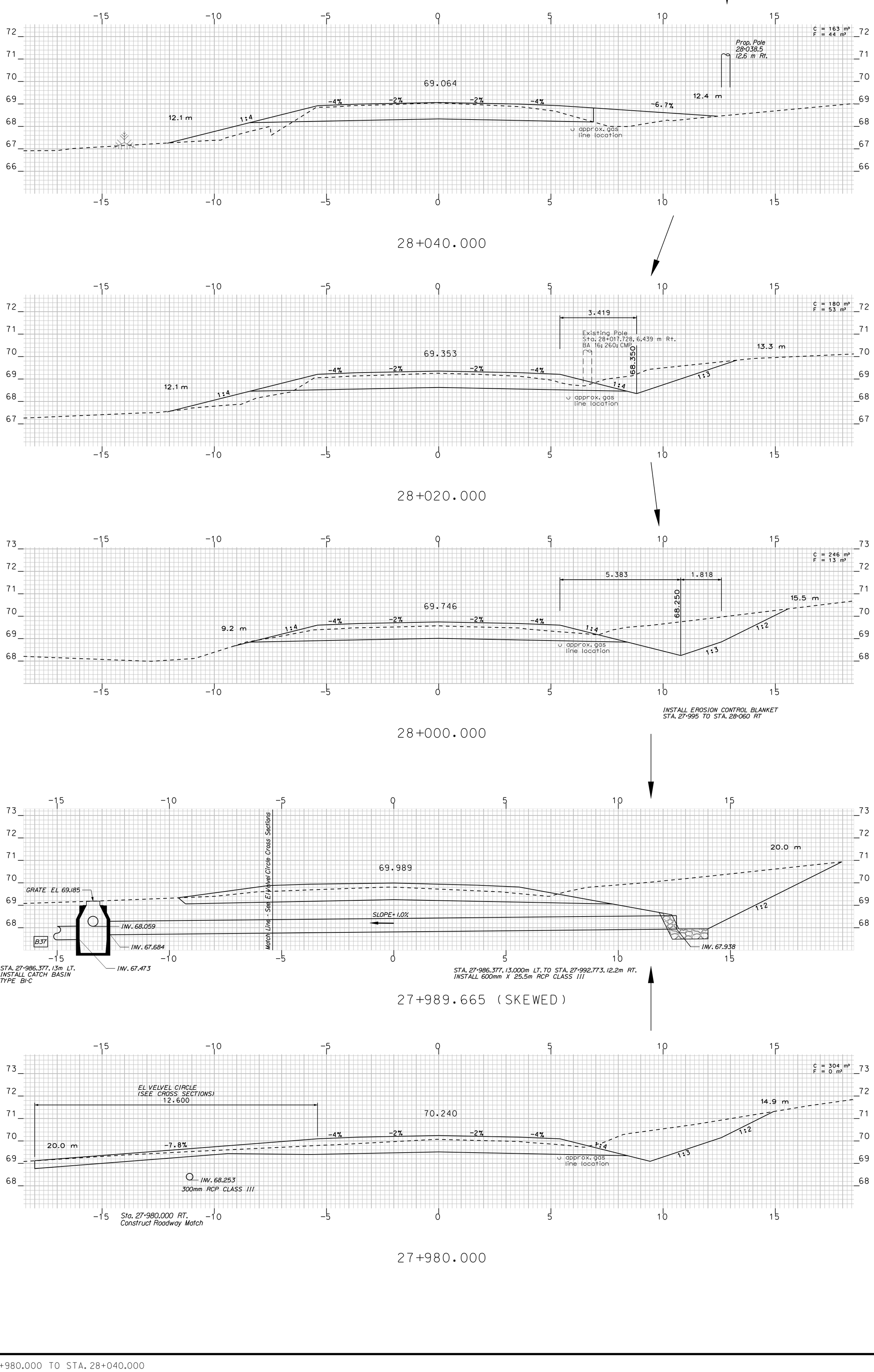
WELLS

ROUTE 109

STA. 27+960.000

Filename: ...\049_27980-28120_006.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	101	138

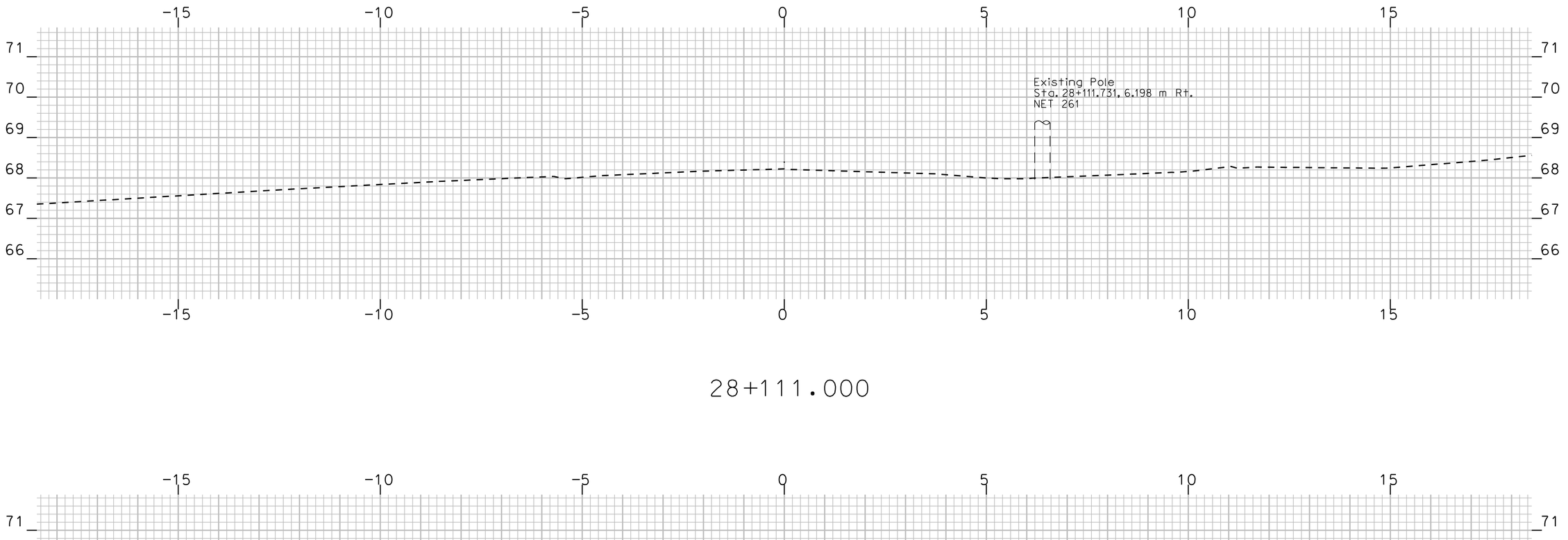
PIN 7998.20

WELLS

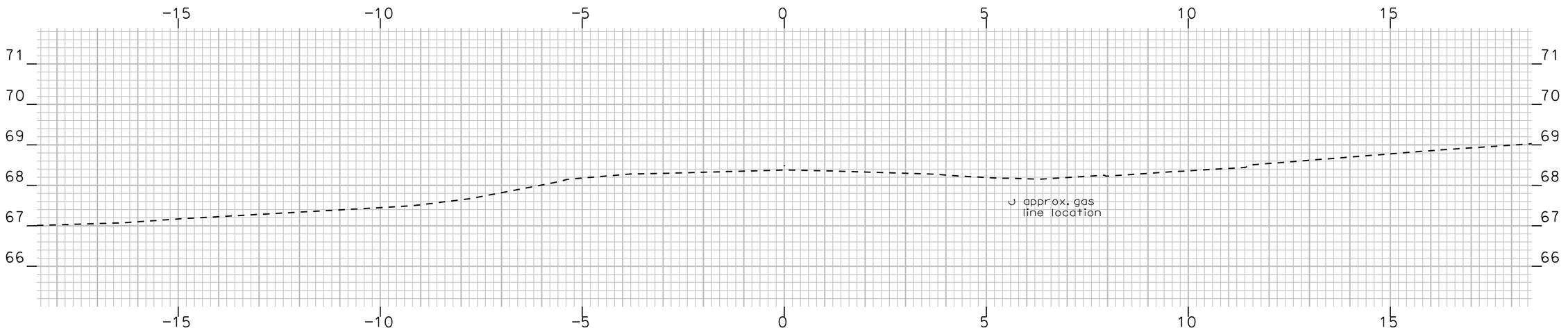
ROUTE 109

STA. 27+980.000 TO STA. 28+040.000

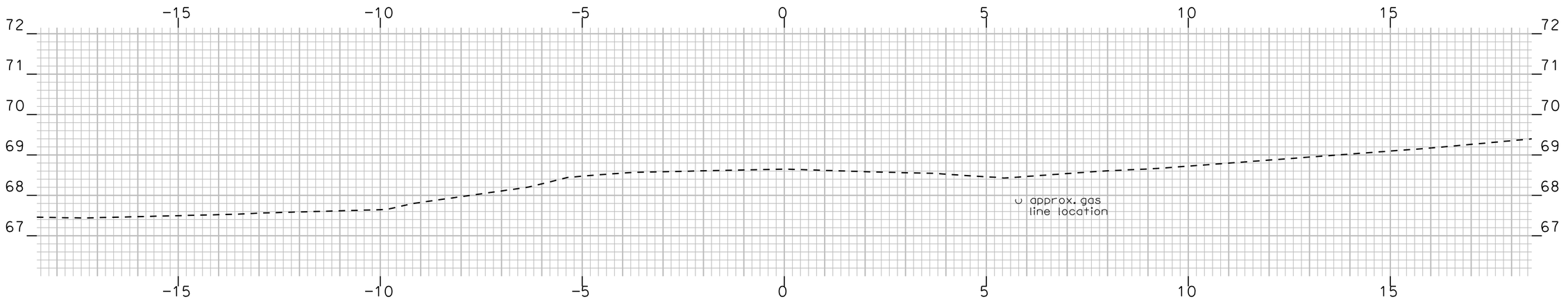
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



28+111.000

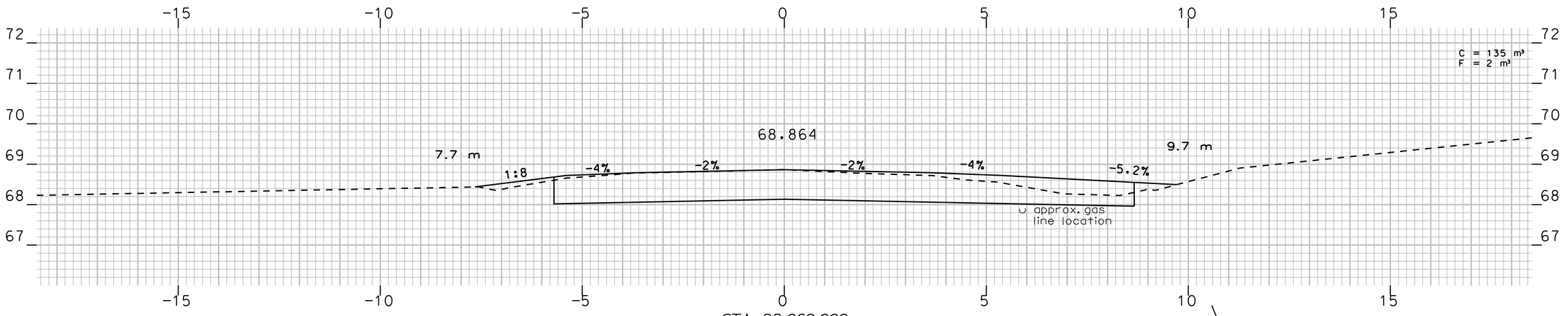


28+100.000



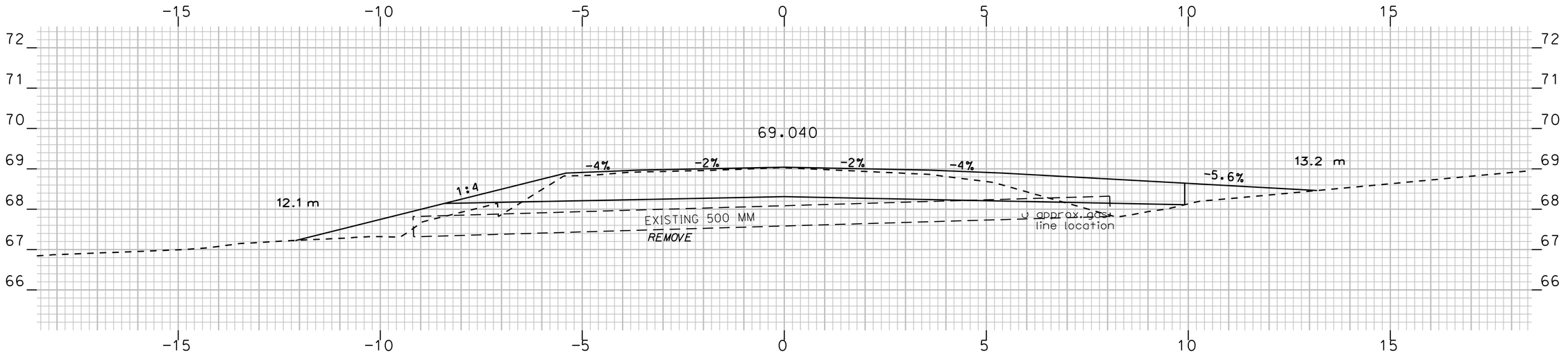
28+080.000

STA 28+075.000
END APPROACH
MATCH EXISTING PAVEMENT



STA 28+060.000
END PROJECT NO. NH-7998(20)E
END FULL CONSTRUCTION
BEGIN APPROACH

28+060.000



28+042.000

METRIC
1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	102	138

PIN 7998.20

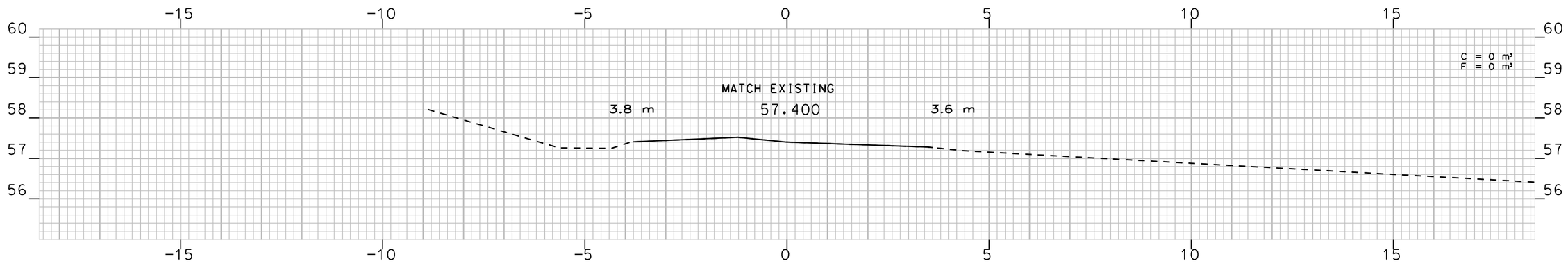
WELLS

ROUTE 109

STA. 28+042.000 TO STA. 28+111.000

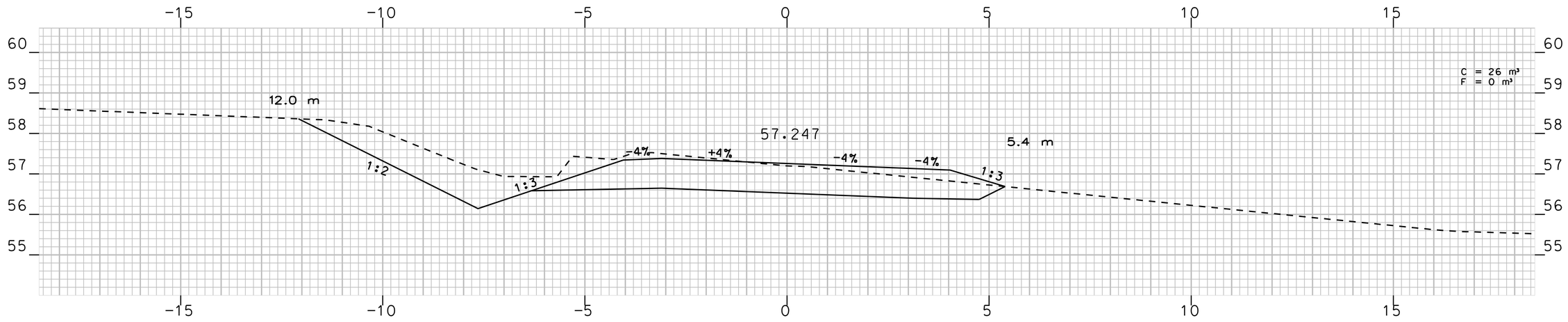
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PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



9+025.000

STA. 9+025.000 SAGAMORE DRIVE EAST
LIMIT OF WORK
MATCH EXISTING PAVEMENT



INSTALL EROSION CONTROL BLANKET
STA. 9+012 TO STA. 9+022 LT

9+020.000

9+010.000

METRIC
1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

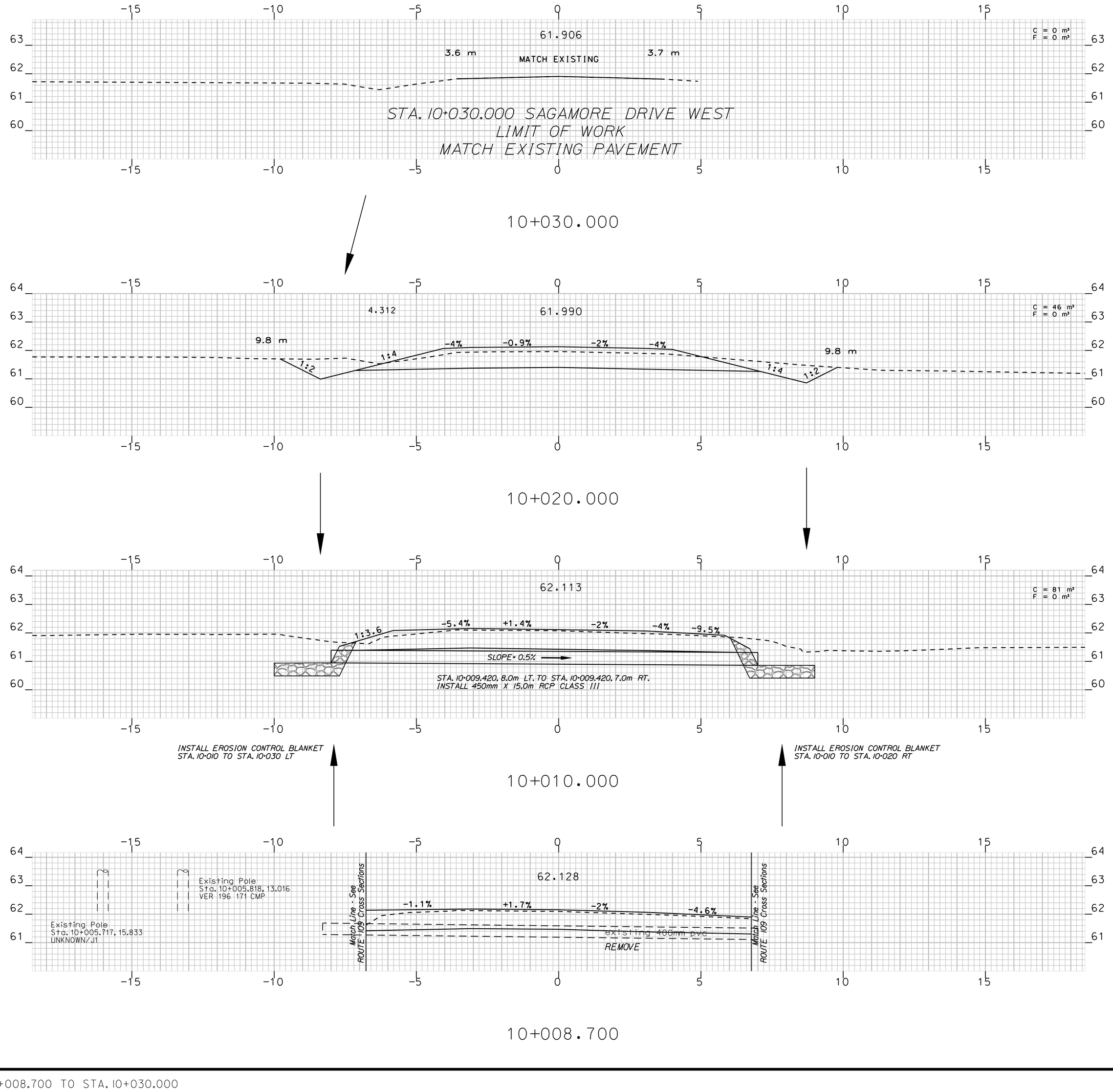
F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	103	138

PIN 7998.20

WELLS
SAGAMORE DRIVE EAST
STA. 9+010.000 TO STA. 9+025.000

Filename: ...\051_XS_SAGAMORE WEST.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	104	138

PIN 7998.20

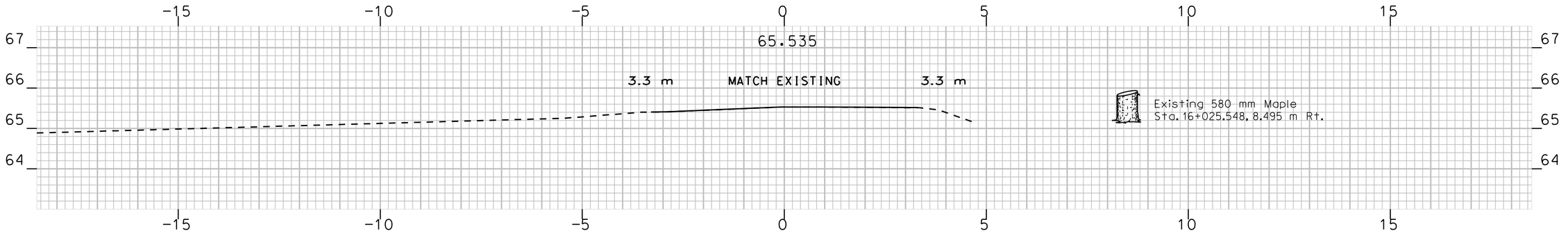
WELLS

SAGAMORE DRIVE WEST

STA. 10+008.700 TO STA. 10+030.000

Filename: ...\cad\te\planset\052_XS_POOL.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

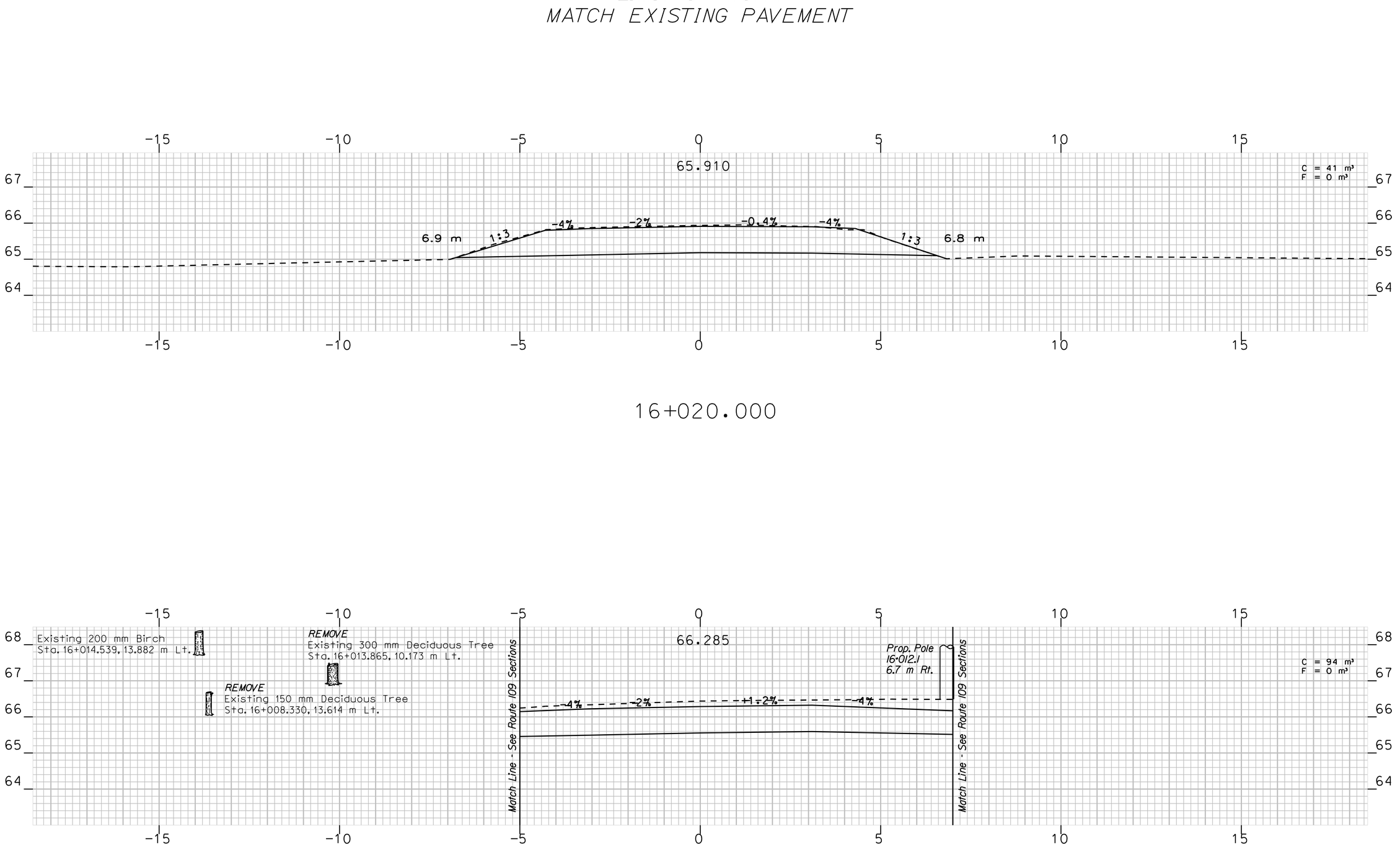
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



16+030.000

STA. 16+030.000 POOL DRIVE
LIMIT OF WORK
MATCH EXISTING PAVEMENT

16+020.000



16+010.000

WELLS

POOL DRIVE

STA. 16+010.000 TO STA. 16+030.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

PIN 7998.20

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	105	138

Filename: ...\053_XS_HIGH PINE SOUTH.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	106	138

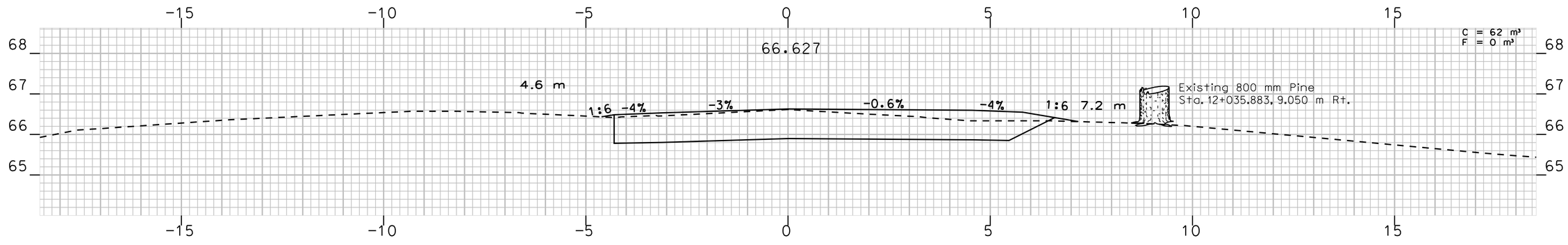
PIN 7998.20

WELLS

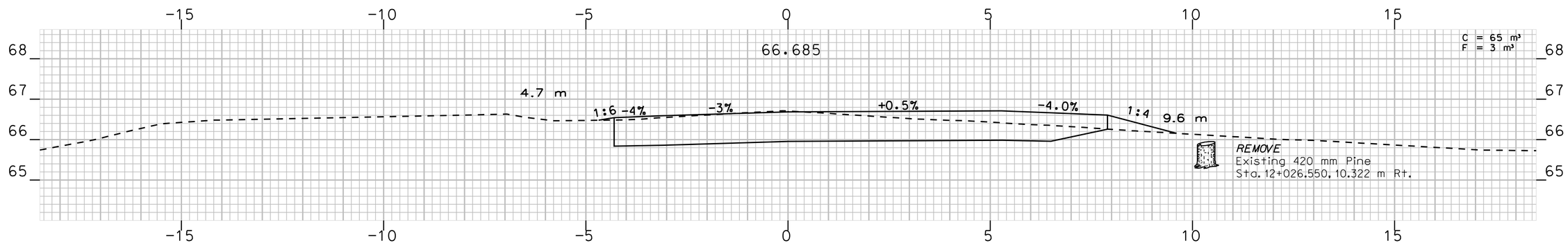
HIGH PINE LOOP ROAD SOUTH

STA. 11+010.000 TO STA. 11+060.000

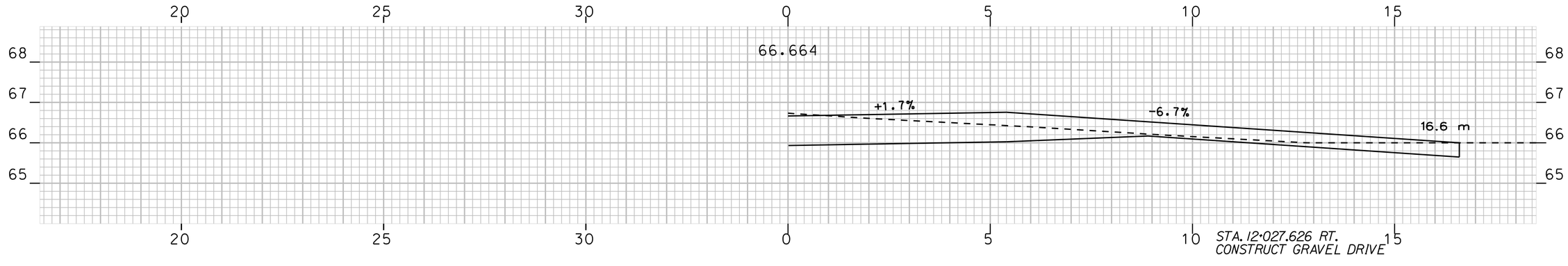
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



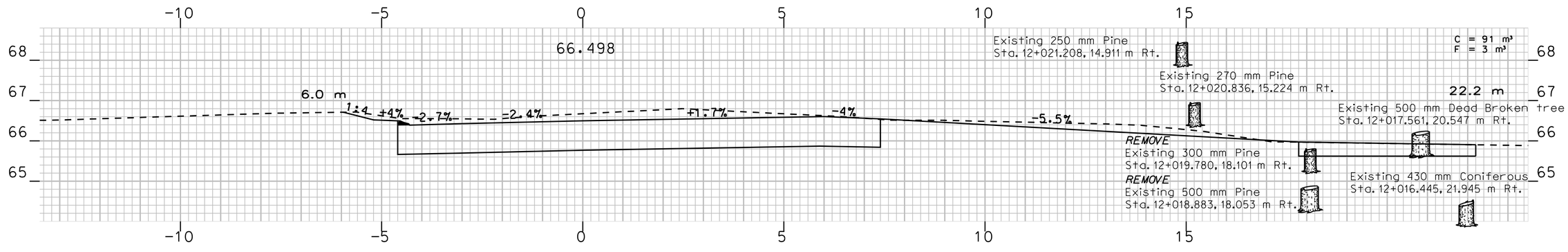
12+040.000



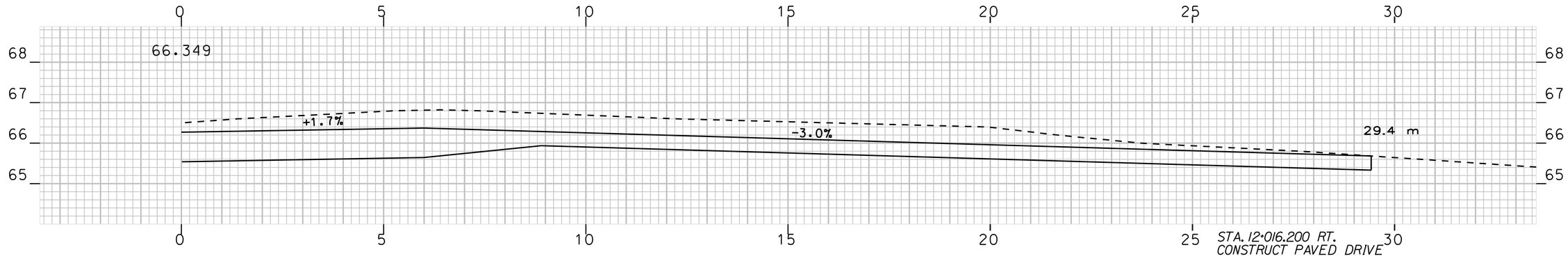
12+030.000



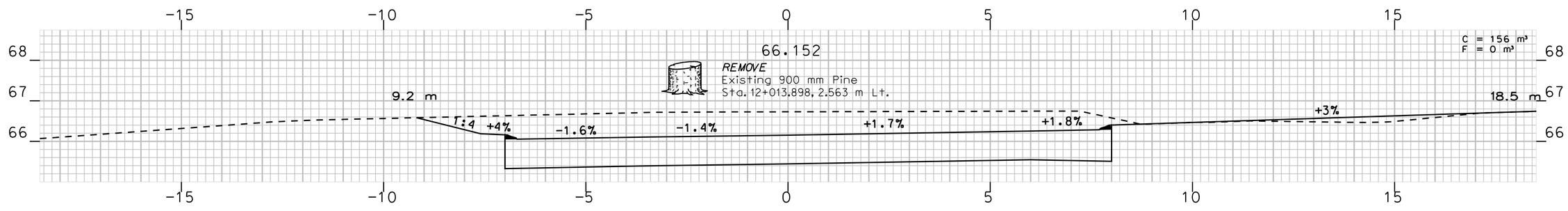
12+027.626



12+020.000



12+016.200



12+010.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	107	138

PIN 7998.20

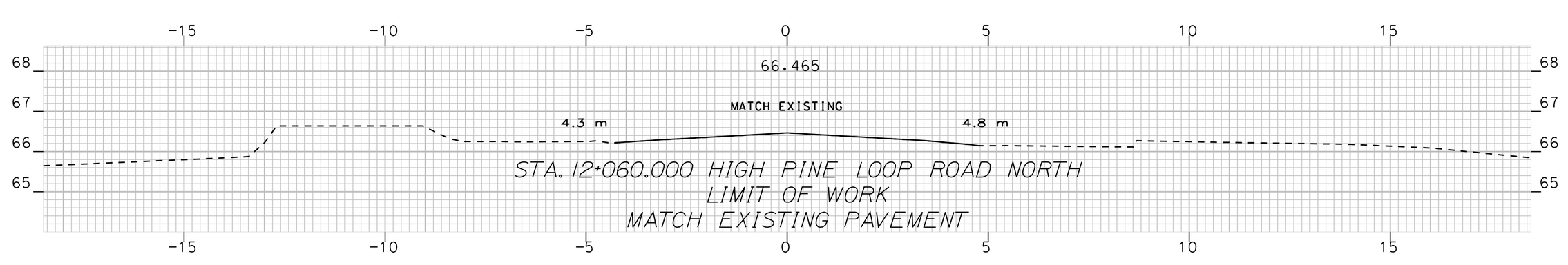
WELLS

HIGH PINE LOOP ROAD NORTH

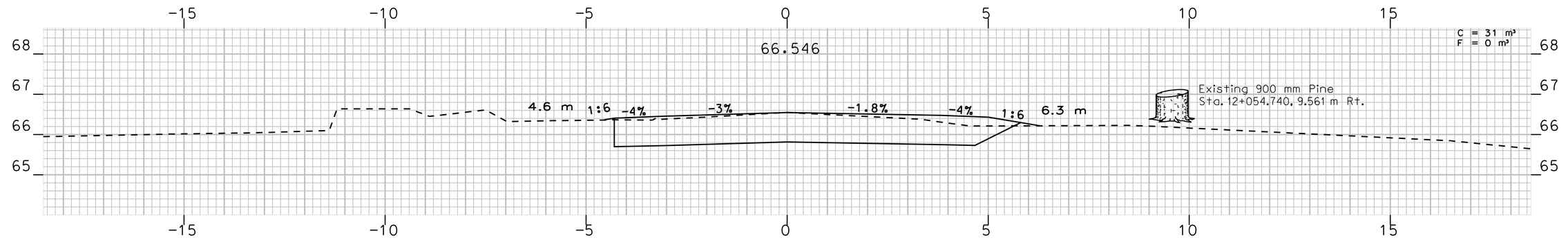
STA. 12+010.000 TO STA. 12+040.000

Filename: ...\054_XS_HIGHPINE NORTH.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



12+060.000



12+050.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	108	138

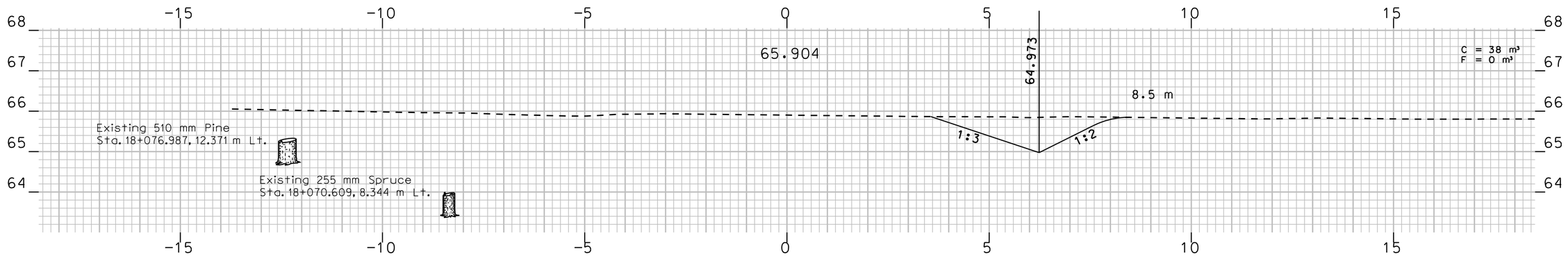
PIN 7998.20

WELLS

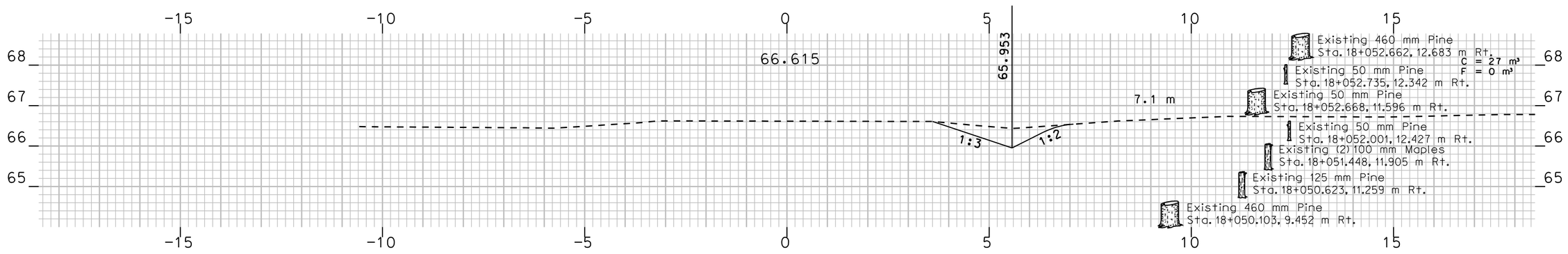
HIGH PINE LOOP ROAD NORTH

STA. 12+050.000 TO STA. 12+060.000

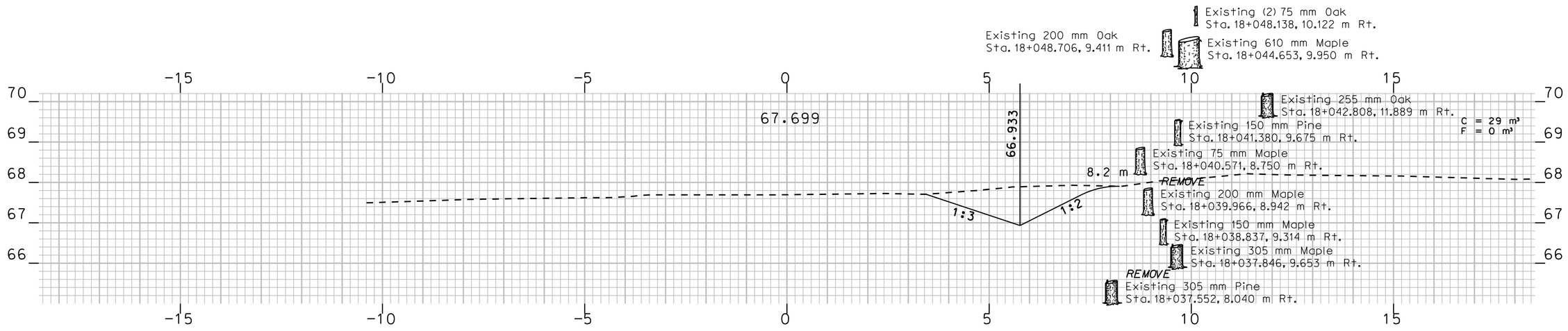
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



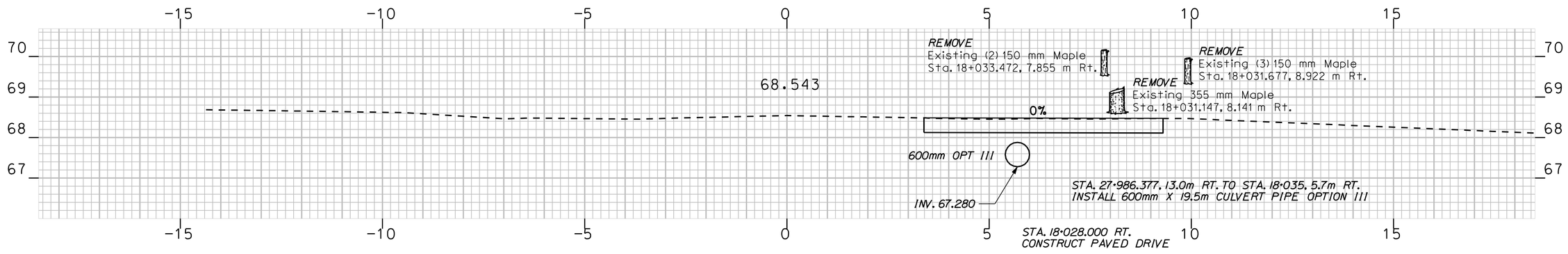
18+080.000



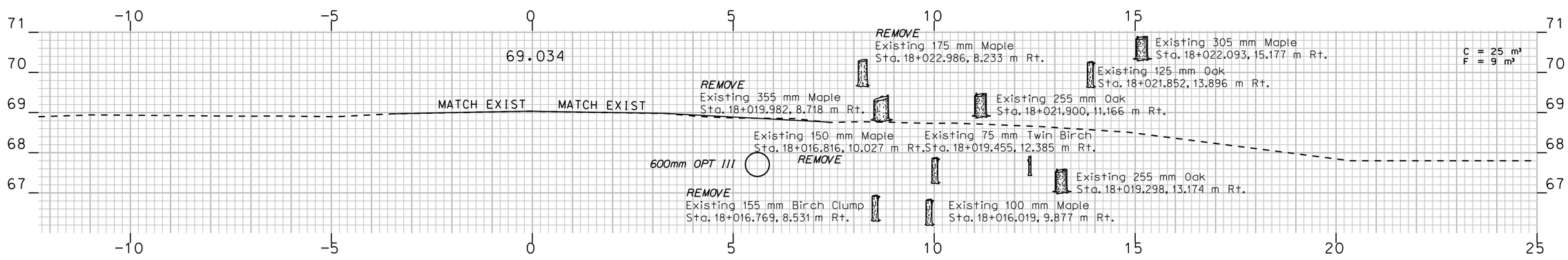
18+060.000



18+040.000



18+028.000



18+020.000

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

METRIC

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	109	138

PIN 7998.20

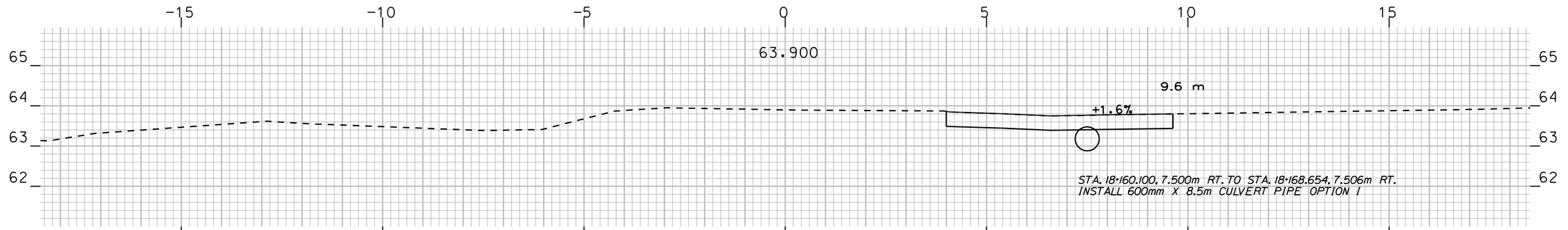
WELLS

EL VELVEL DRIVE

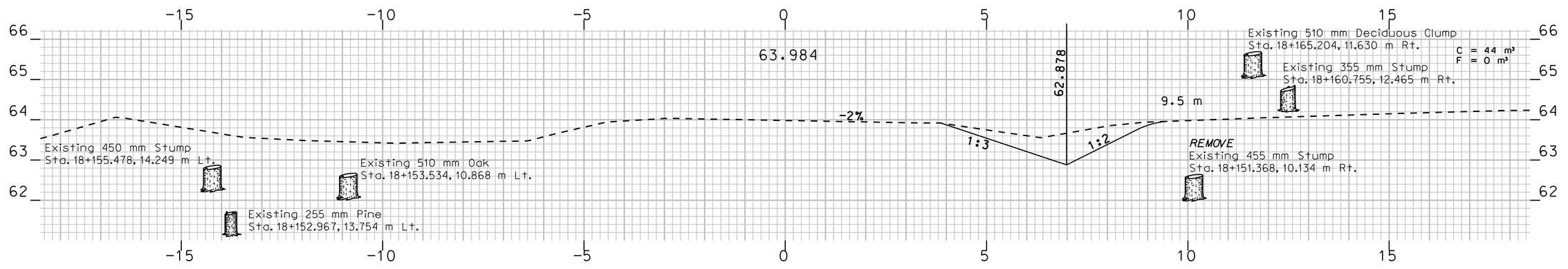
STA. 18+020.000 TO STA. 18+080.000

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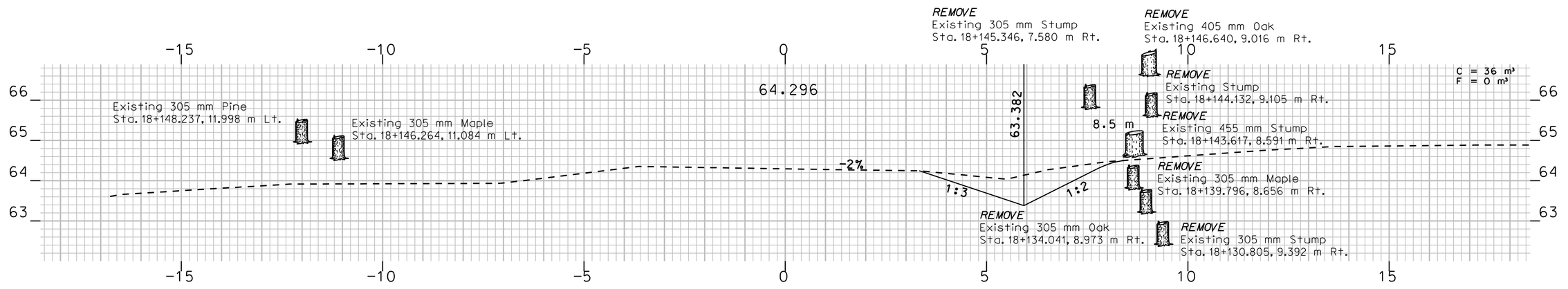
PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



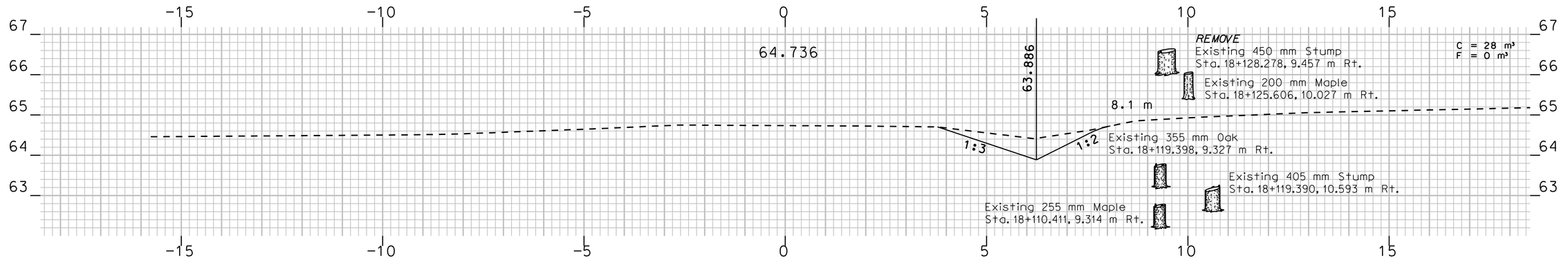
18+164.000



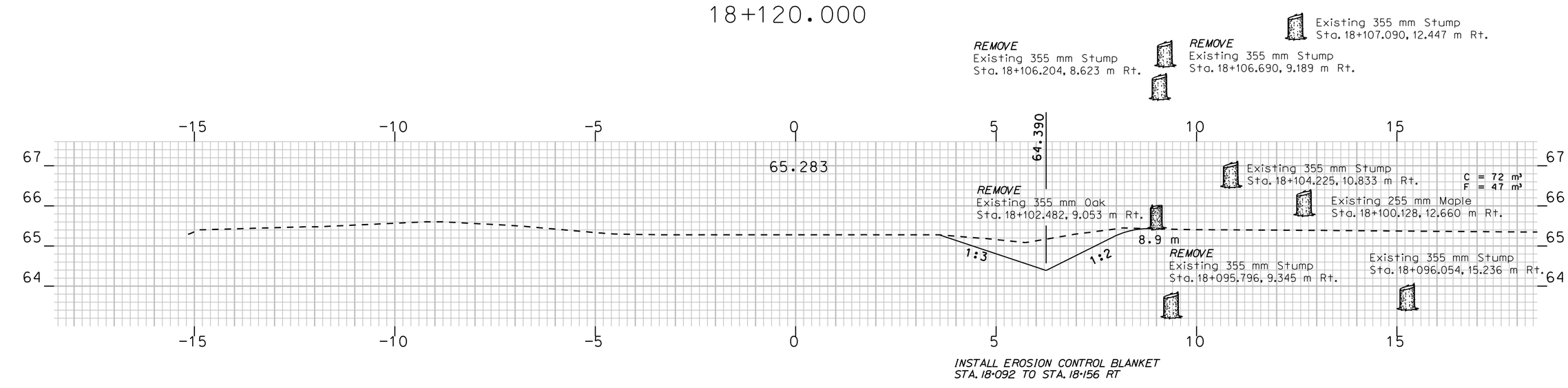
18+160.000



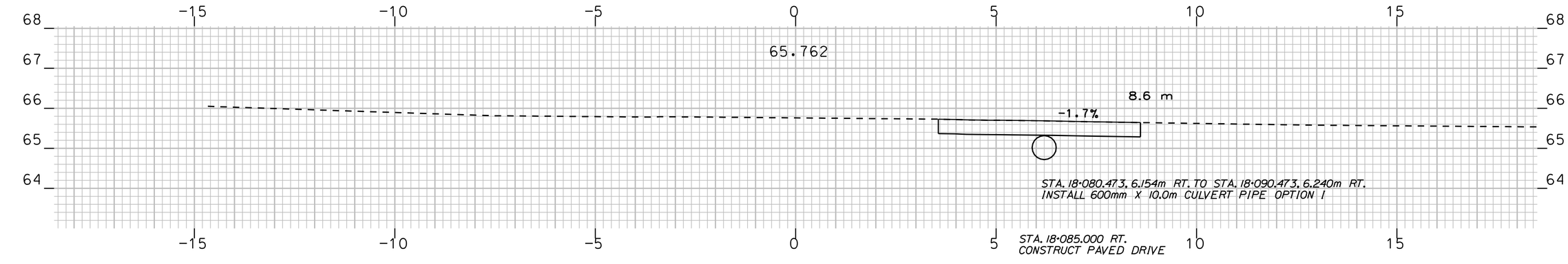
18+140.000



18+120.000



18+100.000



18+085.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	110	138

PIN 7998.20

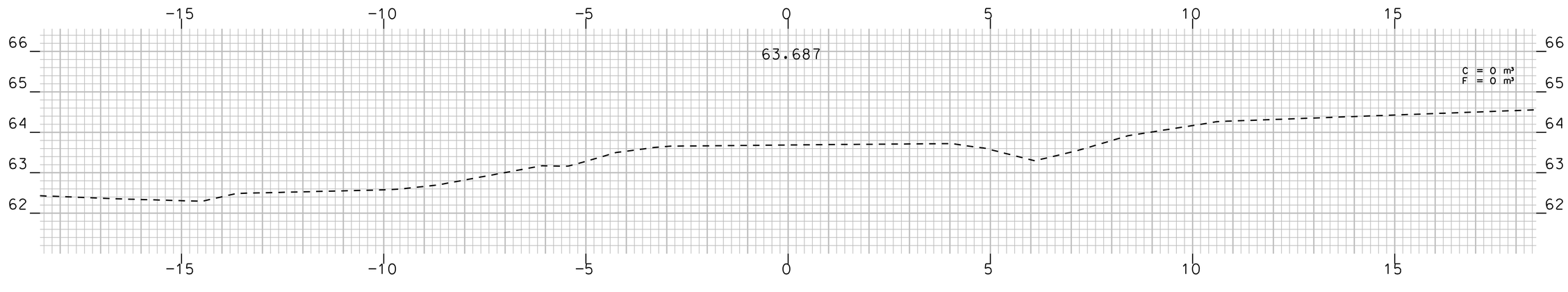
WELLS

EL VELVEL DRIVE

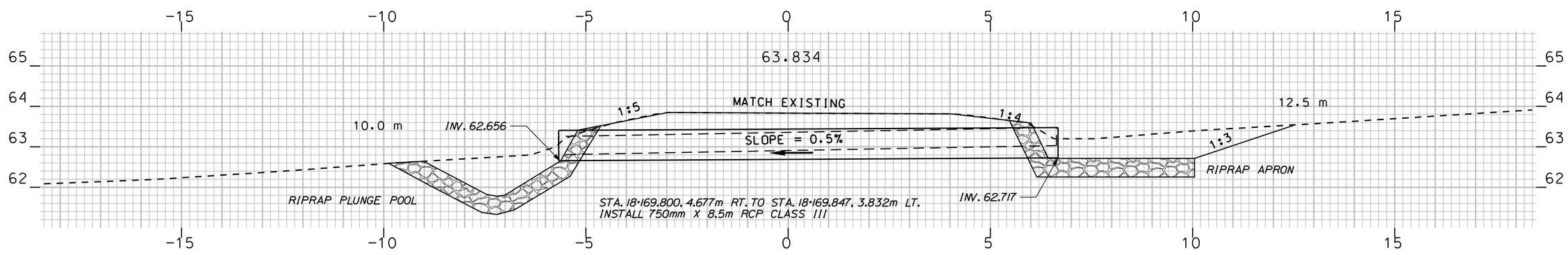
STA. 18+085.000 TO STA. 18+164.000

Filename: ...\planset\055_XS_EL VELVEL.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:6/2/2011

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			



18+180.000
STA. 18+173.000
LIMIT OF WORK
MATCH EXISTING PAVEMENT



18+169.970
(SKEWED)

WELLS

EL VELVEL DRIVE

STA. 18+169.970 TO STA. 18+180.000

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	111	138

PIN 7998.20

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

PROJECT DESIGN ENGINEER		BY		DATE
PLANS	DESIGN-DETAILED	LCG	MGS	---
	CHECKED	AG	---	$(PCF_CHECKDATE1)
	REVISIONS	---	---	$revdate1$
	FIELD CHANGES			

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	113	138

PIN 7998.20

WELLS

ABANDONED RAILBED

STA. 17+100.000 TO STA. 17+140.000

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	NH - 7998(20)E	114	138

PIN 7998.20

GENERAL CONSTRUCTION NOTES

1. For easements, construction limits and right of way lines, refer to Right of Way Map.

2. The clearing limits as shown on the plans are approximate. The actual clearing limits for payment will be established in the field by the Resident.

3. All utility facilities shall be adjusted by the respective utilities unless otherwise noted.

4. Place a 600mm wide strip of Temporary Erosion Control Blanket on the sideslopes along the top of the riprap and behind the wingwalls.

5. Extended-use Erosion Control Blanket, seeded gutters, riprap downspouts, and other gutters lined with Stone Ditch Protection shall be constructed after paving and shoulder work is completed, where it is apparent that runoff will cause continual erosion. Payment will be made under the appropriate Contract items.

6. Project information referred to below may be accessed at the following MaineDOT web address: http://www.maine.gov/mdot/comprehensive-list-projects/project-information.php.

7. The existing bridge plans may be accessed at the MaineDOT web address. The plans are reproductions of the original drawings as prepared for the construction of the bridge. It is very unlikely that the plans will show any construction field changes or any alterations which may have been made to the bridge during its life span.

8. The project geotechnical report titled: Memorandum Re: Wells-High Pine Crossing Bridge Geotechnical Design Recommendations, June 26, 2004 may be accessed at the MaineDOT web address.

9. Geotechnical information furnished or referred to in this plan set is for the use of the Bidders and the Contractor. No assurance is given that the information or interpretations will be representative of actual subsurface conditions at the construction site. MaineDOT will not be responsible for the Bidders' or Contractor's interpretations of, or conclusions drawn from, the geotechnical information.

10. Quantities included for pay items measured and paid for by Lump Sum are estimated quantities and are provided by MaineDOT for informational purposes only. Lump Sum pay items will be paid for at the Contract Bid amount, with no addition or reduction in payment to the Contractor if the actual final quantities are different from the MaineDOT provided estimated quantities, except as follows:

   a. If a Lump Sum pay item is eliminated, the requirements of Standard Specifications Section 109.2, Elimination of Items, will take precedence.

   b. If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.

   c. If a design change results in changes to estimated quantities for Lump Sum pay items, price adjustments will be made in accordance with Standard Specifications Section 109.7, Equitable Adjustments to Compensation. This does not apply to Item 534.71, Precast Concrete Box Culvert.

11. All costs for excavation support, cofferdams, including pumping, maintenance, related temporary soil erosion and water pollution controls and removal, will not be paid for directly, but will be considered incidental to related Contract items.

12. The existing bridge shall be removed by and become the property of the Contractor to the limits indicated in the plans. The Contractor is responsible for the containment, proper management and disposal of all hazardous waste generated by the process of demolishing portions of the bridge. The Contractor is responsible for implementing appropriate OSHA mandated personal protection standards related to this process. Once the existing bridge is removed, the Contractor is solely responsible for the care, custody and control of the components of the existing bridge and any hazardous waste generated as a result of the storage, recycling or disposal of the bridge components. Payment for all labor, materials, equipment and other costs required to remove and dispose portions of the existing bridge will be considered incidental to the bridge removal pay item.

13. The Contractor shall protect the new arch/box or structure from damage during the work and demolition of the existing bridge.

ABUTMENT NOTES

1. The design of cast-in-place footings, kneewalls, headwalls, and wingwalls shall be in accordance with Special Provision Section 534, Precast Structural Concrete. Construction shall conform to Section 502. See Special Provision Section 534 for measurement and payment.

2. Reinforcing steel shall have a minimum concrete cover of 50mm in the walls and 75mm in the footings unless otherwise noted.

3. Place 100mm diameter drains in the wingwall, kneewall or precast wall at 3 meters maximum spacing. The exact location will be determined by the Resident.

4. Cover joints where waterstops are not required in accordance with Standard Details Section 502.

5. Construct French Drains behind the arch/box and wingwalls in accordance with Standard Specifications Section 512, French Drains.

6. Arch/box, wingwalls and their footings shall be backfilled with Granular Borrow. Pay limits will be the structural excavation limits in cut areas and a vertical plane located 3 meters behind the walls in fill areas unless otherwise shown in the plans.

7. The soil envelope around the concrete arch/box and wingwalls shall be backfilled with granular material for underwater backfill (MaineDOT 703.19). The backfill shall be placed using moisture/density control in accordance with Section 203.12 of the Standard Specifications. The backfill shall be compacted to a minimum density of 95% of the Standard Proctor.

8. Bedrock elevations may vary. All loose and weathered bedrock shall be cleaned from the bedrock surface prior to footing construction. Where the slope of the bedrock is steeper that 6H:1V, the bedrock surface shall be stepped or benched. Equipment used in preparing the bedrock surface shall consist of conventional construction equipment, as approved by the Resident. Blasting shall not be allowed. The bedrock surface preparation, as described shall be considered incidental to Item 206.082, Structural Earth Excavation - Major Structures.

PRECAST CONCRETE ARCHES OR BOXES NOTES

1. The minimum 28 day concrete compressive strength for precast structures shall be 35 MPa.

2. The design, construction, handling, and assembly of the precast units shall be in accordance with Special Provisions Section 534, Precast Structural Concrete, and with the manufacturer's specifications as applicable.

3. Install standard membrane waterproofing over the top and to 300mm down the exterior sides of the precast units. In addition, install membrane waterproofing (300mm wide) along all vertical butt joints in precast units. Take care during backfill operations to avoid damage to the waterproofing membrane.

4. The Bridge Plans depict a schematic structure with a 3-sided box supported on kneewalls and spread footings. The Bridge Plans also depict cast-in-place concrete cantilever-type wingwalls. The Contractor may provide a concrete structure that varies from what is shown provided minimum bridge opening and utility clearances are met. In addition, foundation embedment shall conform to geotechnical requirements and minimum arch/box structure cover shall be 750mm for the roadway (between curbs). See Note 2 for additional requirements.

INDEX OF BRIDGE SHEETS

Index of Bridge Sheets & Notes 1
Bridge Plan & Elevation 2
Bridge Details 3
Staged Construction 4

SPECIFICATIONS

Design: Load and Resistance Factor Design per AASHTO LRFD
Bridge Design Specifications, Fifth Edition, 2010 and interims thru 2010.

DESIGN LOADING

Strength I Load Combination Live Load . . . . . HL-93 Modified
All Other Load Combinations Live Load HL-93

MATERIALS

Concrete:
- Precast . . . . . Class "P"
- Fill . . . . . "Fill"
- All Other . . . . . Class "A"

Reinforcing Steel . . . . . ASTM A615/A615M, Grade 420

BASIC DESIGN STRESSES

Concrete Class A . . . . . f 'c = 30 MPa
Concrete Class P . . . . . Per Manufacturer (35 MPa min.)
Reinforcing Steel . . . . . fy = 420 MPa

MAINTENANCE OF TRAFFIC

One Lane, Alternating One-Way Vehicular Traffic shall be Maintained during Construction. See Staged Construction Bridge Sheet.

PROJECT DESIGN ENGINEER		BY	DATE
PLANS	DESIGN-DETAILED	SMH	4/20/2011
	CHECKED	SMC	4/20/2011
	REVISIONS	----	----
	FIELD CHANGES		

BRIDGE NO. 3199

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

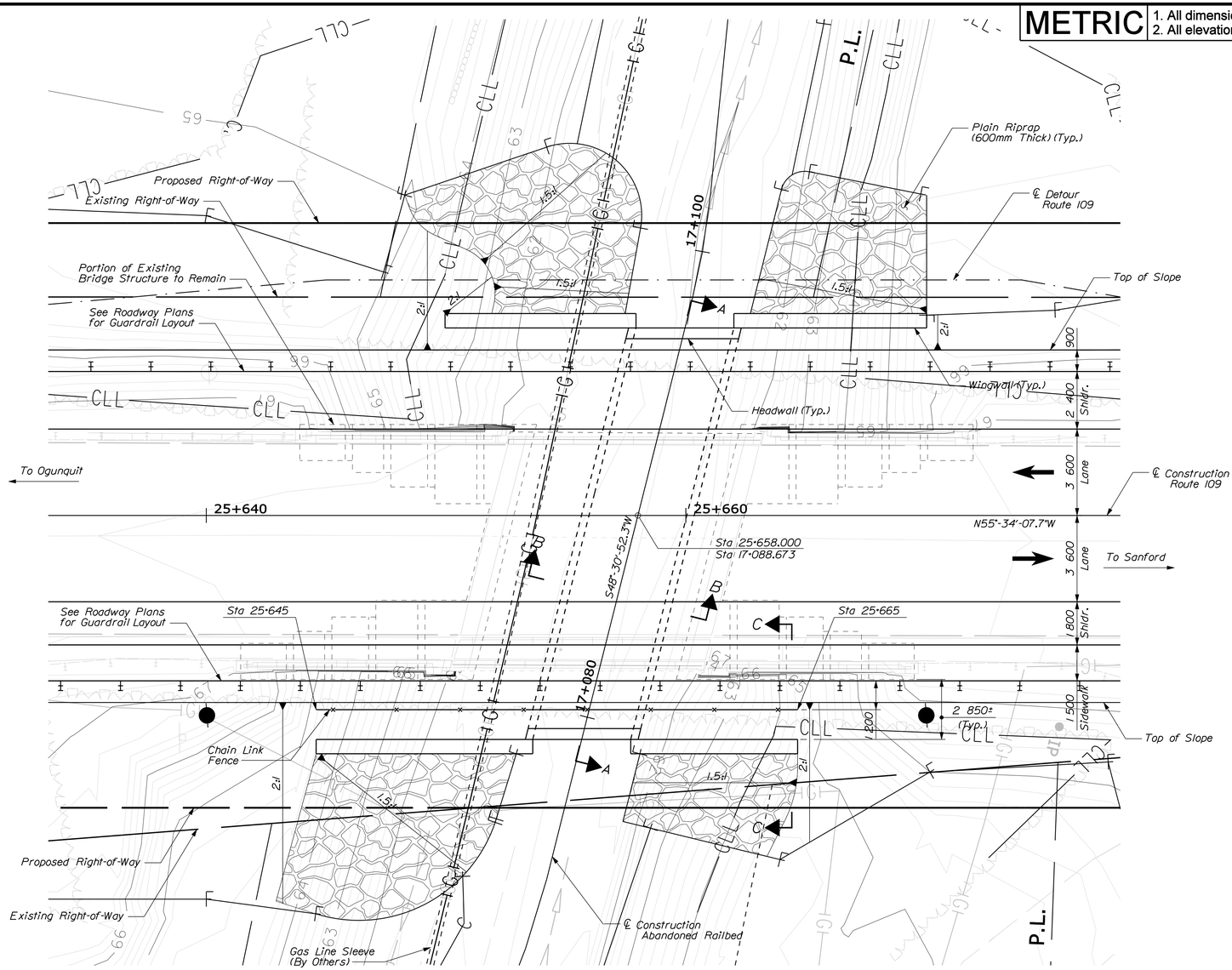
HIGH PINE CROSSING BRIDGE
OVER
ABANDONED RAILBED
IN THE TOWN OF
WELLS
YORK COUNTY

INDEX OF BRIDGE SHEETS & NOTES

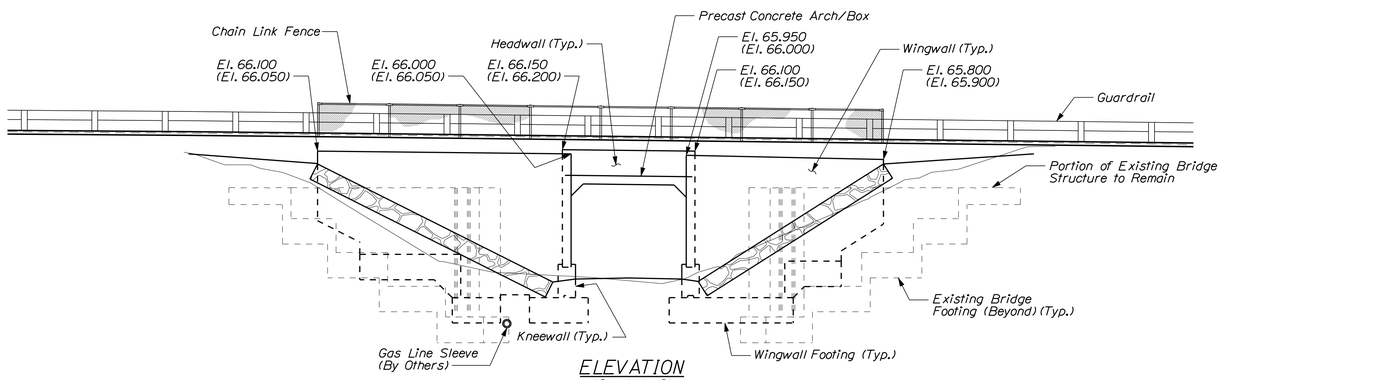
SHEET 1 OF 4 WELLS, MAINE

Filename: ...\s1\planset\001_Notes_01.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:4/20/2011

METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
		1	MAINE	NH - 7998(20)E	115	138
				PIN 7998.20		



PLAN



ELEVATION
(See Note 2)

Notes:

1. See Bridge Sheet 3 of 4 for Masonry Layout and View A-A, Section B-B, and C-C.
2. Elevations Shown in Parentheses apply to South Wall Elevations (Beyond).

BRIDGE NO. 3199

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

HIGH PINE CROSSING BRIDGE
OVER
ABANDONED RAILBED
IN THE TOWN OF
WELLS
YORK COUNTY

BRIDGE PLAN & ELEVATION

SHEET 2 OF 4 WELLS, MAINE

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	SMH	4/20/2011
CHECKED	SMG	4/20/2011
REVISIONS	----	----
FIELD CHANGES		

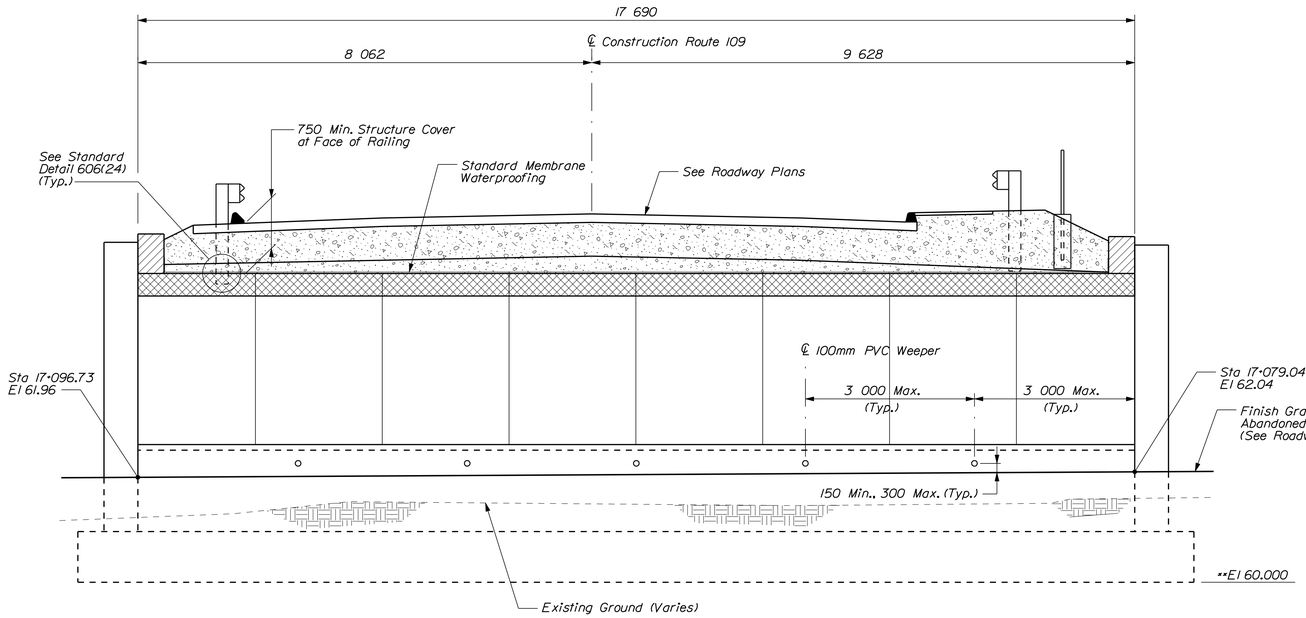
PLANS

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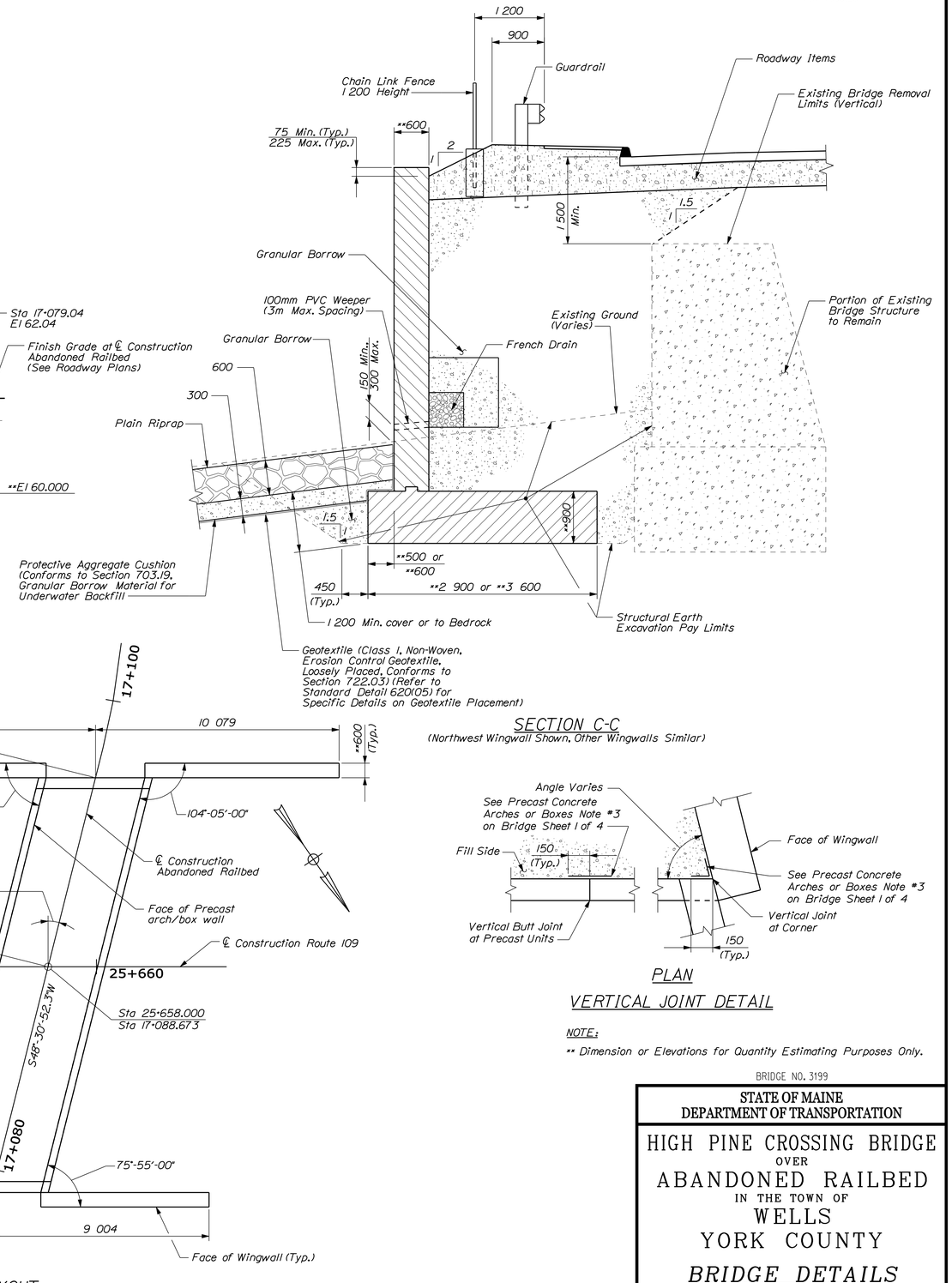
METRIC 1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
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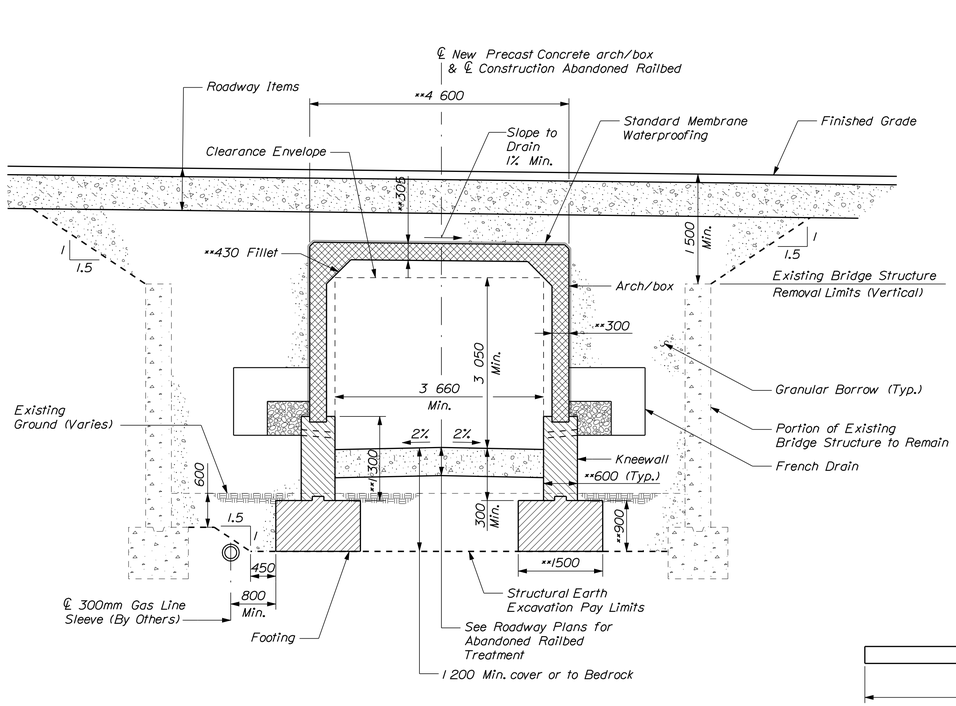
PIN 7998.20



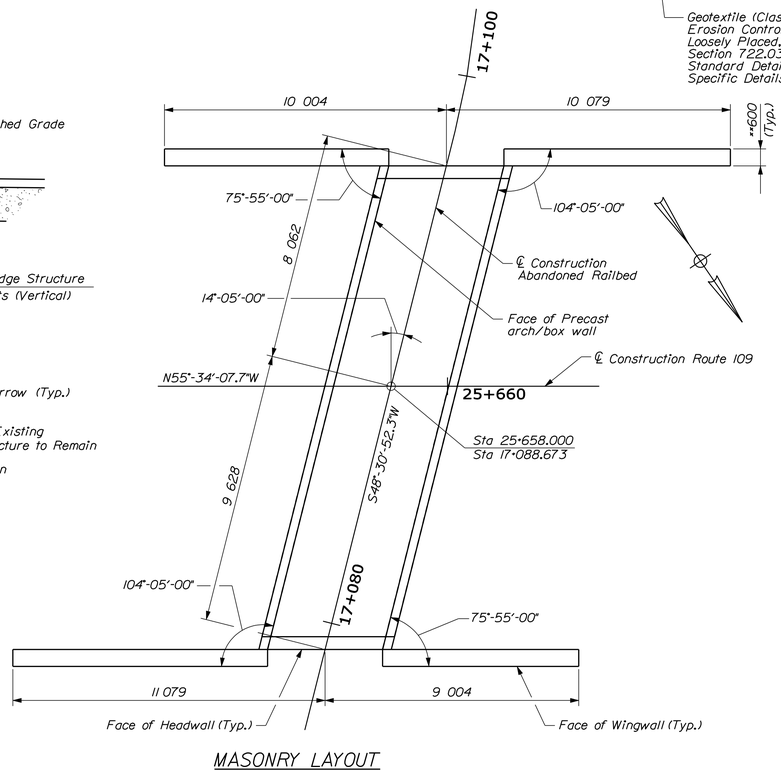
VIEW A-A



SECTION C-C
(Northwest Wingwall Shown, Other Wingwalls Similar)



SECTION B-B
(Typical Section)



MASONRY LAYOUT

PLAN

VERTICAL JOINT DETAIL

NOTE:

** Dimension or Elevations for Quantity Estimating Purposes Only.

BRIDGE NO. 3199

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

HIGH PINE CROSSING BRIDGE
OVER
ABANDONED RAILBED
IN THE TOWN OF
WELLS
YORK COUNTY

BRIDGE DETAILS

SHEET 3 OF 4 WELLS, MAINE

PROJECT DESIGN ENGINEER — PLANS

	BY	DATE
DESIGN-DETAILED	SMH	4/20/2011
CHECKED	CLC	4/20/2011
REVISIONS	SMG	----
FIELD CHANGES	SMH	----
	----	----

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METRIC	1. All dimensions are in millimeters unless otherwise noted. 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	NH - 7998(20)E	117	138

PIN 7998.20

STAGED CONSTRUCTION NOTES

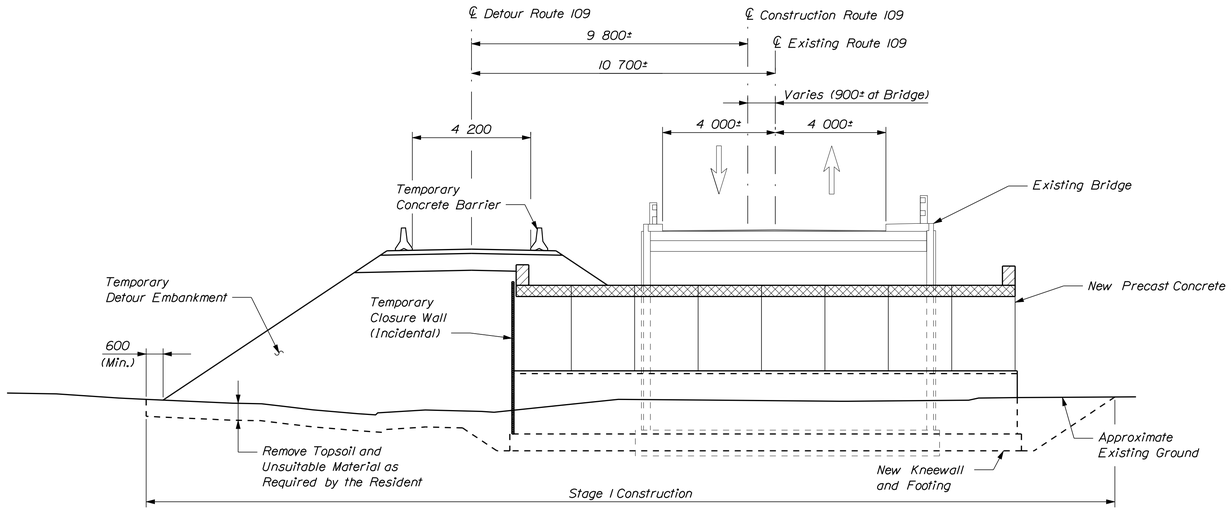
Stage 1A
- Maintain two lanes, two-way traffic on existing bridge.
- Install temporary excavation support at wingwalls as required to protect existing embankment and utilities during excavation.
- Construct new underpass bridge including footings, kneewall, arch/box, and wingwalls.

Stage 1B
- Install temporary closure wall at south end of new bridge.
- Construct temporary detour south of existing bridge.
- Install temporary traffic signals.

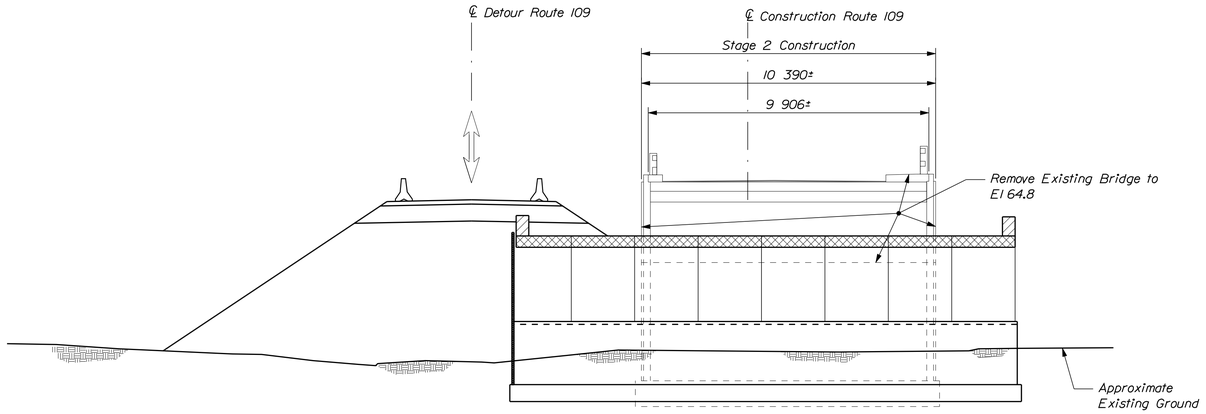
Stage 2
- Maintain one lane, alternating one-way traffic on temporary detour.
- Remove existing superstructure and portion of existing substructure to the limits indicated.

Stage 3A
- Construct proposed Route 109 roadway and barriers.
- Maintain two lane - two way traffic on proposed Route 109 roadway.
- Remove temporary traffic signals.

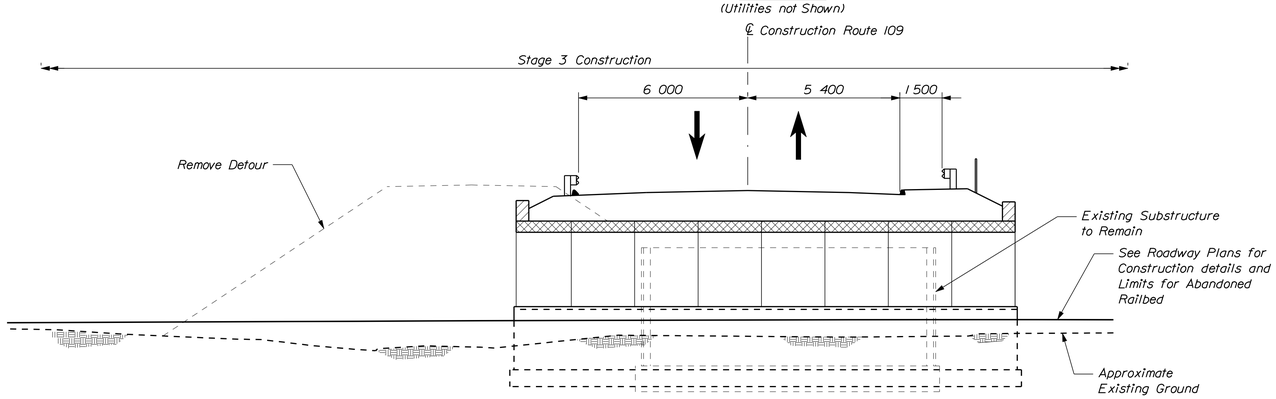
Stage 3B
- Remove temporary detour.
- Complete remaining work for Route 109.
- Complete work along abandoned railbed per Roadway Plans.



STAGE 1A/1B
(Utilities not Shown)



STAGE 2
(Utilities not Shown)



STAGE 3A/3B
(Utilities not Shown)

Note:
1. Roadway and Sidewalk dimensions shown are perpendicular to centerline construction.

BRIDGE NO. 3199

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

HIGH PINE CROSSING BRIDGE
OVER
ABANDONED RAILBED
IN THE TOWN OF
WELLS
YORK COUNTY

STAGED CONSTRUCTION

SHEET 4 OF 4 WELLS, MAINE

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	SMH	4/20/2011
CHECKED	CLC	4/20/2011
REVISIONS	SMG	----
FIELD CHANGES	----	----
PLANS	----	----

Filename: ...\cad\st\planset\004_TCP_01.dgn Division: $(WKGROUP) Username: $(WIN_USERNAME) Date:4/20/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	201	_

P.I. STA. 24+743.220
Δ = 1°-33'-45.3" LT.
T = 55.911 m
L = 111.816 m
E = 0.381 m
R = 4100.000 m

GRID 19XX ZONE

EVELYN A. FENDERSON

NOTE: TEMP. CONST. RIGHTS FOR CLEARING LIMIT LINES ON FENDERSON PROPERTY WERE ACQUIRED UNDER F.A.P. NO. NH-7998(10)E SEE D.O.T. FILE NO. 16-427 SHEET NOS. 22 & 23

P.T. STA. 24+799.124

F.A.P. NO. NH-7998(10)E
NOTICE OF LAYOUT & TAKING
REC. 10/4/10
BOOK 15952, PAGE 238

BEGIN B.L.

24+720 | 24+740 | 24+760 | 24+780 | 24+800 | 24+820 | 24+840 | 24+860 | 24+880 | 24+900

39.124 m | 220.335 m

S.H. "7" ROUTE 109

N.27°-59'-50.1"W.

EXISTING OUTLET DRAINAGE STRUCTURE STA. 24+710.0 RT.

ANGEL M. KELLY

NOTE: TEMP. CONST. RIGHTS FOR DRIVEWAY AND CLEARING LIMIT LINES ON KELLY PROPERTY WERE ACQUIRED UNDER F.A.P. NO. NH-7998(10)E SEE D.O.T. FILE NO. 16-427 SHEET NOS. 22 & 23

EXISTING DRAINAGE EASE. (CULVERT EXT.) ANGIE VIOLET PENNEY TO STATE OF MAINE BOOK 3859, PAGE 260 DATED 5/3/1988

OUTLET DRAINAGE STRUCTURES STA. 24+811.0 TO STA. 24+826.6 RT.

NOTE: RIGHTS TAKEN TO RAZE AND/OR REMOVE THAT PORTION OF THE BUILDING THAT LIES OUTSIDE OF THE NEW BOUNDARIES OF STATE HIGHWAY "7" AT ABOUT STA. 24+885.0 RT (GARAGE).

JULIE-ANN LIBBY
PARCEL NO. (1)
LAND TAKEN = 0.19± AC.
BUILDING = (1)
DRAINAGE EASE. = 1320± S.F.(1)
TEMP. CONST. RIGHTS = 0.13± AC.(2)
TOTAL AREA = 1.44± AC.(CALC.)
REM. AREA = 1.25± AC.

JULIE-ANN LIBBY
ITEM NO. (87)

P.I.N. 007998.20

PLAN FILED IN PLAN BOOK PAGE					
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

EXISTING R/W
S.H.C. FILE NO. 16-39
D.O.T. FILE NO. 16-427

SYMBOLS

- IP or ● IPF (IRON PIPE or PIN)
- □ S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 1 OF 21 SHEETS

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

D.O.T. FILE NO. 16 - 468

Filename: ...\20\cow\mrsto\201\DRW\Rdwy.dgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	202	_

EVELYN A. FENDERSON

NOTE: TEMP. CONST. RIGHTS FOR CLEARING LIMIT LINES ON FENDERSON PROPERTY WERE ACQUIRED UNDER F.A.P. NO. NH-7998(10)E SEE D.O.T. FILE NO. 16-427 SHEET NOS. 22 & 23

GRID / ZONE 19XX

P.I. STA. 25+154.621
Δ = 19°-03'-44.9" LT.
T = 135.162 m
L = 267.826 m
E = 11.268 m
R = 805.000 m

STANLEY E. DODGE
PHYLLIS O. DODGE
PARCEL NO. (4)
LAND TAKEN = 0.09± AC.
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 0.05± AC.(1)
TOTAL AREA = 2.5± AC.(OWNER)
REM. AREA =2.41± AC.

P.C. STA. 25+019.459

DRAINAGE OUTLET
STA. 25+054.2± LT.

SEE S.H.C. FILE NO. 16-39

(TOTAL ALONG B.L. = 220.335 m[722.88'])
N.27°-59'-50.1"W.
220.335 m

S.H. "7" ROUTE 109

267.826 m

24+900 24+920 24+940 24+960 24+980 25+000 25+020 25+040 25+060 25+080 25+100

+981.0± +995.6 +016.0± +021.6 +044.4± +045.6± +045.0± +049.4± +070.0

(307'±) 93.6± m 0.10± AC.

94.0± m (308'±) 0.10± AC.

0.06± AC.

APPROX. TEMP. SEPTIC SYSTEM

CONST. LIMITS TEMP.

(26.1± m) (86'±)

12.192 m (40.00')

9.144 m (30'±)

15.240 m (50.00')

0.09± AC. 164.6± m(540'±)

0.05± AC. 113.3± m(372'±)

2.4± m (8'±)

420± S.F. 115± S.F.

0.16± AC. 272.896 m(895.33')

0.28± AC. (719'±) 218.9± m

DRAINAGE OUTLET
STA. 25+009.4± RT.

PAUL PELLETIER
CARLA PELLETIER
PARCEL NO. (2)
LAND TAKEN = 0.10± AC.
DRAINAGE EASEMENT =(1)
TEMP. CONST. RIGHTS = 0.07± AC.(2)
TOTAL AREA = 5.62± AC.(CALC.)
REM. AREA = 5.52± AC.

HIGH PINE ESTATES
HOMEOWNERS' ASSOCIATION, INC.
PARCEL NO. (3)
LAND TAKEN = 0.16± AC.
TEMP. CONST. RIGHTS = 0.29± AC.(2)
TOTAL AREA = 16.92± AC.
(COMMON AREA ONLY - SURVEY)
REM. AREA = 16.76± AC.

COMMON AREA

LOT 19 LOT 20

SAGAMORE DRIVE

P.I.N. 007998.20

MIXED WOODS MIXED GROWTH MIXED SMITH

EXISTING SLOPE EASEMENT LIMITS

NEWSPAPER BOX

CMP-J163 /188-NETT CMP-J164 /190

GARAGE

50MM HARDWOOD 150MM HARDWOOD 1830MM

360MM HDPE

PLAN FILED IN PLAN BOOK PAGE					
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

EXISTING R/W
S.H.C. FILE NO. 16-39
D.O.T. FILE NO. 16-427

SYMBOLS

- IP or IPF (IRON PIPE or PIN)
- S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 2 OF 21 SHEETS
D.O.T. FILE NO. 16 - 468

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

Filename: ...\20\ron.vnston\2022\DRAWINGS\ROW\20

Username: terri.kelley

Date: 6/3/2011

ITEM	TECH	CHECKED	REVISIONS			
			NO.	DATE	DESCRIPTION	BY
BASE MAP	T.L.B.					
EXIST. R/W	T.L.B.					
PROP. LINES	T.L.B.					
AREAS	T.L.B.	T.J.K.				

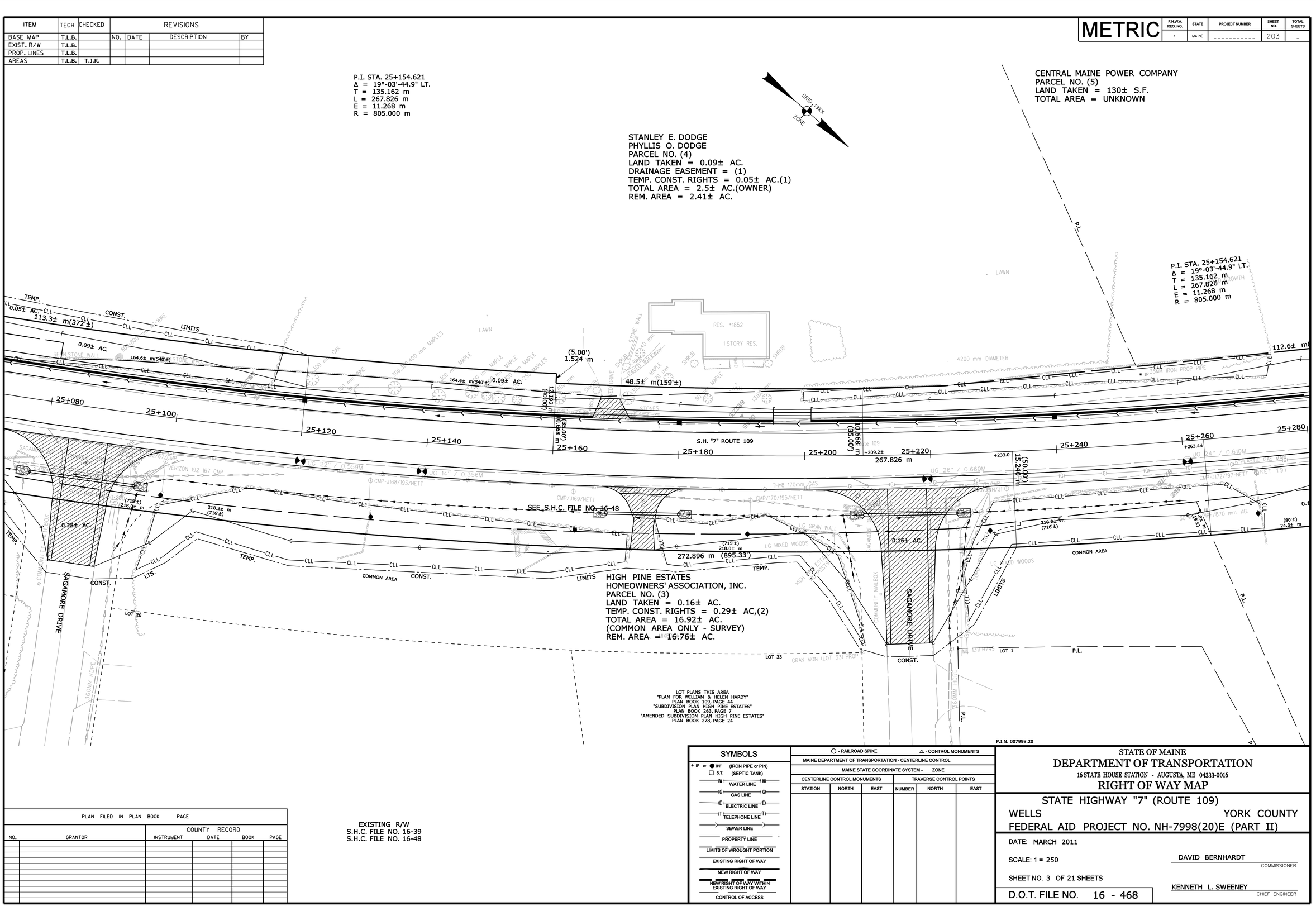
METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	203	_

P.I. STA. 25+154.621
Δ = 19°-03'-44.9" LT.
T = 135.162 m
L = 267.826 m
E = 11.268 m
R = 805.000 m

GRID 19XX ZONE

CENTRAL MAINE POWER COMPANY
PARCEL NO. (5)
LAND TAKEN = 130± S.F.
TOTAL AREA = UNKNOWN

STANLEY E. DODGE
PHYLLIS O. DODGE
PARCEL NO. (4)
LAND TAKEN = 0.09± AC.
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 0.05± AC.(1)
TOTAL AREA = 2.5± AC.(OWNER)
REM. AREA = 2.41± AC.



PLAN FILED IN PLAN BOOK PAGE

NO.	GRANTOR	COUNTY RECORD INSTRUMENT	DATE	BOOK	PAGE

EXISTING R/W
S.H.C. FILE NO. 16-39
S.H.C. FILE NO. 16-48

SYMBOLS

- IP or IPF (IRON PIPE or PIN)
- S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 3 OF 21 SHEETS

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

D.O.T. FILE NO. 16 - 468

Filename: ...\20\raw\msto\203\DRAWINGS\ROW.dgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED	REVISIONS			
			NO.	DATE	DESCRIPTION	BY
BASE MAP	T.L.B.					
EXIST. R/W	T.L.B.					
PROP. LINES	T.L.B.					
AREAS	T.L.B.	T.J.K.				

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	204	_

CENTRAL MAINE POWER COMPANY
PARCEL NO. (5)
LAND TAKEN = 130± S.F.
TOTAL AREA = UNKNOWN

GRID NORTH
ZONE

STANLEY E. DODGE
PHYLLIS O. DODGE

DAVID L. MELVIN
MARYANN MELVIN
PARCEL NO. (7)
LAND TAKEN = 286± S.F.
TEMP. CONST. RIGHTS = 1700± S.F.(1)
TOTAL AREA = 45,655± S.F.(DEED)
REM. AREA = 45,369± S.F.

P.I. STA. 25+398.874
Δ = 8°-30'-32.8" LT.
T = 111.589 m
L = 222.767 m
E = 4.145 m
R = 1500.000 m

WAYNE S. ULM
IRIS E. ULM
PARCEL NO. (9)
LAND TAKEN = 433± S.F.
TEMP. CONST. RIGHTS = 1725± S.F.(1)
TOTAL AREA = 40,939± S.F.(DEED)
REM. AREA = 40,506± S.F.

P.I. STA. 25+154.621
Δ = 19°-03'-44.9" LT.
T = 135.162 m
L = 267.826 m
E = 11.268 m
R = 805.000 m

P.C.C. STA. 25+287.285

WELLS MASONIC BUILDING ASSOCIATION
PARCEL NO. (10)
LAND TAKEN = 0.08± AC.
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 0.14± AC.(1)
TOTAL AREA = 35± AC.(DEED)
REM. AREA = 34.92± AC.

INLET DRAINAGE STRUCTURE
STA. 25+428.4± LT.

DRAINAGE OUTLET
STA. 25+367.4± RT.

DRAINAGE OUTLET
STA. 25+421.2± RT.

JOHN HOBBS
PARCEL NO. (12)
LAND TAKEN = 348± S.F.
TEMP. CONST. RIGHTS = 1015± S.F.(1)
TOTAL AREA = 1.14± AC. (SURVEY)
REM. AREA = 1.13± AC.

JOHN HOBBS
PARCEL NO. (11)
LAND TAKEN = 966± S.F.
TEMP. CONST. RIGHTS = 1325± S.F.(1)
TOTAL AREA = 69,085± S.F.(SURVEY)
REM. AREA = 68,119± S.F.

CENTRAL MAINE POWER COMPANY
PARCEL NO. (6)
LAND TAKEN = 0.13± AC.
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 400± S.F.(1)
TOTAL AREA = UNKNOWN

ROY L. WILSON, SR.
D/B/A WILSON STORE FIXTURES
ROY L. WILSON, JR.
PARCEL NO. (8)
LAND TAKEN = 0.09± AC.
DRAINAGE EASEMENTS = (2)
TEMP. CONST. RIGHTS = 0.12± AC.(1)
TOTAL AREA = 5.00± AC.(DEED)
REM. AREA = 4.91± AC.

P.I.N. 007998.20

EXISTING R/W
S.H.C. FILE NO. 16-48

PLAN FILED IN PLAN BOOK PAGE					
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

SYMBOLS

- ○ - RAILROAD SPIKE
- △ - CONTROL MONUMENTS
- ● IP or ● IPF (IRON PIPE or PIN)
- □ S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL
MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 4 OF 21 SHEETS
D.O.T. FILE NO. 16 - 468

DAVID BERNHARDT
COMMISSIONER
KENNETH L. SWEENEY
CHIEF ENGINEER

Filename: ...\20\vow\mslo\204DRAWG01.dgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	205	_

P.I. STA. 25+398.874
Δ = 8°-30'-32.8" LT.
T = 111.589 m
L = 222.767 m
E = 4.145 m
R = 1500.000 m

P.T. STA. 25+510.052

WELLS MASONIC BUILDING ASSOCIATION
PARCEL NO. (10)
LAND TAKEN = 0.08± AC.
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 0.14± AC.(1)
TOTAL AREA = 35± AC.(DEED)
REM. AREA = 34.92± AC.

WILLIAM F. SMITH
SANDRA C. SMITH
PARCEL NO. (15)
LAND TAKEN = 1966± S.F.
TEMP. CONST. RIGHTS = 1695± S.F.(2)
TOTAL AREA = 24,832± S.F.(SURVEY)
REM. AREA = 22,866± S.F.

LOT PLAN THIS AREA
"PLAN OF WONDERVIEW ACRES"
PLAN BOOK 75, PAGE 35

BOIS CONSTRUCTION COMPANY
TO
TOWN OF WELLS
BOOK 2746, PAGE 107
DATED: 4/20/79
50'

KATHLEEN G. WHEELER
THOMAS G. MCDONOUGH
PARCEL NO. (16)
LAND TAKEN = 1289± S.F.
SLOPE EASEMENT = 50± S.F.(1)
TEMP. CONST. RIGHTS = 0.06± AC.(1)
TOTAL AREA = 29,281± S.F.(CALC.)
REM. AREA = 27,992± S.F.

POOL DRIVE

S.H. "7" ROUTE 109

SEE S.H.C. FILE NO. 16-48

N.55°-34'-07.8"W.
301.803 m

222.767 m

JOHN HOBBS
PARCEL NO. (12)
LAND TAKEN = 348± S.F.
TEMP. CONST. RIGHTS = 1015± S.F.(1)
TOTAL AREA = 1.14± AC. (SURVEY)
REM. AREA = 1.13± AC.

EVERGREEN DRIVE
R/W TO OTHERS

ROBERT P. CARON
CAROLYN A. CARON-STRATOS,
TRUSTEE OF THE
CAROLYN A. CARON-STRATOS
REVOCABLE TRUST
PARCEL NO. (13)
LAND TAKEN = 631± S.F.
DRAINAGE EASEMENT = 0.07± AC.(1)
TEMP. CONST. RIGHTS = 0.06± AC.(1)
TOTAL AREA = 26,972± S.F.(CALC.)
REM. AREA = 26,341± S.F.

OUTLET DRAINAGE STRUCTURE
STA. 25+505.2 TO
STA. 25+518.6 RT.

EXISTING DRAIN. EASE.
ROBERT A. & LORRAINE G. MITCHELL
TO STATE OF MAINE
BOOK 1579, PAGE 492
DATED: 6/17/1963

LOT PLAN THIS AREA
"DIVISION OF PROPERTY
CASCO NORTHERN BANK"
PLAN BOOK 129, PAGE 50

JENNIFER OUELLETTE GABLE
ROBERT GABLE
KATHERINE GABLE
PARCEL NO. (14)
LAND TAKEN = 41± S.F.
DRAINAGE EASE. = 465± S.F.(1)
TEMP. CONST. RIGHTS = 400± S.F.(1)
TOTAL AREA = 31,523± S.F.
REM. AREA = 31,482± S.F.

DAVID CADDEN
CHRISTINA CADDEN

LOT PLAN THIS AREA
"PLAN FOR RAYMOND W. COLBY"
PLAN BOOK 83, PAGE 47

LOT PLAN THIS AREA
"FINAL PLAN OF EVERGREEN ACRES"
PLAN BOOK 98, PAGE 41

JOSEPH S. BERNHARDT
MARIA BERNHARDT
ITEM NO. (88)
CONST. & MAINT. EASE. = 125± S.F.(1)
TEMP. CONST. RIGHTS = 910± S.F.(1)
TOTAL AREA = 1.98± AC. (CALC.)

P.I.N. 007998.20

PLAN FILED IN PLAN BOOK		PAGE			
NO.	GRANTOR	COUNTY RECORD INSTRUMENT	DATE	BOOK	PAGE

EXISTING R/W
S.H.C. FILE NO. 16-48

SYMBOLS

- IP or IPF (IRON PIPE or PIN)
- S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 5 OF 21 SHEETS
D.O.T. FILE NO. 16 - 468

DAVID BERNHARDT
COMMISSIONER
KENNETH L. SWEENEY
CHIEF ENGINEER

Filename: ...\20\vow\meto\205DRAWLAND.dgn Date: 6/3/2011 Username: terri.kelley

ITEM	TECH	CHECKED	REVISIONS			
			NO.	DATE	DESCRIPTION	BY
BASE MAP	T.L.B.					
EXIST. R/W	T.L.B.					
PROP. LINES	T.L.B.					
AREAS	T.L.B.	T.J.K.				

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	206	_

ROGER M. DRAHEIM
CAROL M. DRAHEIM
PARCEL NO. (21)
LAND TAKEN = 1198± S.F.
TEMP. CONST. RIGHTS = 685± S.F.(1)
TOTAL AREA = 23,161± S.F.(CALC.)
REM. AREA = 21,963± S.F.

CLAIMED BY GRANITE STATE GAS TRANSMISSION, INC.
HEIRS OF ESTHER A. COLBY
PARCEL NO. (19)
LAND = 792± S.F.
(EASE. FOR HIGHWAY PURPOSES)
SLOPE EASEMENT = 235± S.F.(1)
TEMP. CONST. RIGHTS = 1195± S.F.(1)
TOTAL AREA = 0.26± AC.(DEED)
REM. AREA = 0.24± AC.

GRANITE STATE GAS TRANSMISSION, INC.
PARCEL NO. (18)
LAND = 602± S.F.
(EASE. FOR HIGHWAY PURPOSES)
SLOPE EASEMENT = 1120± S.F.(1)
TEMP. CONST. RIGHTS = 0.08± AC.(1)
TOTAL AREA = UNKNOWN

KATHLEEN G. WHEELER
THOMAS G. MCDONOUGH
PARCEL NO. (16)
LAND TAKEN = 1289± S.F.
SLOPE EASEMENT = 50± S.F.(1)
TEMP. CONST. RIGHTS = 0.06± AC.(1)
TOTAL AREA = 29,281± S.F.(CALC.)
REM. AREA = 27,992± S.F.

EDWARD P. CARDINALI
AMY CARDINALI
F/K/A AMY TANGUAY
ITEM NO. (22)
TEMP. CONST. RIGHTS = 695± S.F.(1)
TOTAL AREA = 34,653± S.F.(CALC.)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PARCEL NO. (20)
(OMITTED)

GRANITE STATE GAS TRANSMISSION, INC.
PARCEL NO. (17)
LAND = 248± S.F.
(EASE. FOR HIGHWAY PURPOSES)
SLOPE EASEMENT = 1465± S.F.(1)
DRAINAGE EASEMENT = 0.10± AC.(1)
TEMP. CONST. RIGHTS = 0.22± AC.(1)
TOTAL AREA = UNKNOWN

INLET DRAINAGE STRUCTURE STA. 25+729.2± RT.

OUTLET DRAINAGE STRUCTURE STA. 25+679.0 TO STA. 25+687.4 RT.

"PLAN FOR GRANITE STATE GAS TRANSMISSION, INC." LOT PLAN THIS AREA PLAN BOOK 240, PAGE 31

EXISTING R/W
S.H.C. FILE NO. 16-48

P.I.N. 007998.20

PLAN FILED IN PLAN BOOK PAGE					
NO.	GRANTOR	COUNTY RECORD INSTRUMENT	DATE	BOOK	PAGE

SYMBOLS

- IP or IPF (IRON PIPE or PIN)
- S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 6 OF 21 SHEETS

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

D.O.T. FILE NO. 16 - 468

Filename: ...\20\raw\msto\206DRAWRAWDWG.dgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	207	_

LYNETTE M. HILTON DEWEY
DARIN D. HILTON
LANI HILTON KELLEY
PARCEL NO. (27)
LAND TAKEN = 1522± S.F.
TOTAL AREA = 20,133± S.F.(CALC.)
REM. AREA = 18,611± S.F.

LESLIE D. ASTROWSKY
ITEM NO. (28)
TEMP. CONST. RIGHTS = 950± S.F.(1)
TOTAL AREA = 7633± S.F.(CALC.)

JOYCE HUTCHINS
ITEM NO. (26)
TEMP. CONST. RIGHTS = 955± S.F.(1)
TOTAL AREA = 1.67± AC.(CALC.)

PAUL A. CHASE, SR.
PARCEL NO. (25)
LAND TAKEN = 17,232± S.F.
(ENTIRE LOT)
BUILDING = (1)

NOTE: USE OF LAND AND BUILDING WITHIN AREA INDICATED RESERVED TO OWNER UNTIL NOVEMBER 30, 2011

RICHARD S. SHOK
ITEM NO. (23)
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 1620± S.F.(1)
TOTAL AREA = 2.72± AC.(CALC.)

LAWRENCE E. DOUCETTE
MARIE B. DOUCETTE
PARCEL NO. (24)
LAND TAKEN = 1280± S.F.
TEMP. CONST. RIGHTS = 195± S.F.(1)
TOTAL AREA = 8± AC.(OWNER)
REM. AREA = 7.97± AC.

INLET DRAINAGE STRUCTURE STA. 25+729.2± RT.

P.I.N. 007998.20

EXISTING R/W
S.H.C. FILE NO. 16-39
S.H.C. FILE NO. 16-48

PLAN FILED IN PLAN BOOK PAGE					
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
25		COND.	5/16/11	16096	1

SYMBOLS

- IP or IPF (IRON PIPE or PIN)
- S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART I & II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 7 OF 21 SHEETS
D.O.T. FILE NO. 16 - 468

DAVID BERNHARDT
COMMISSIONER
KENNETH L. SWEENEY
CHIEF ENGINEER

Filename: ...\20\raw\msto\207\DRAWING\207_ROW_Plan.dgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED	REVISIONS			
			NO.	DATE	DESCRIPTION	BY
BASE MAP	T.L.B.					
EXIST. R/W	T.L.B.					
PROP. LINES	T.L.B.					
AREAS	T.L.B.	T.J.K.				

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	208	_

LYNETTE MARY HILTON GRIFFIN DEWEY
KARL P. HILTON, JR. - LIFE ESTATE
PARCEL NO. (29)
LAND TAKEN = 0.09± AC.
TEMP. CONST. RIGHTS = 0.05± AC.
TOTAL AREA = 1.25± AC.(DEED)
REM. AREA = 1.16± AC.

P.I. STA. 25+887.893
Δ = 13°-19'-40.1" LT.
T = 75.942 m
L = 151.200 m
E = 4.421 m
R = 650.000 m

HILTON FAMILY LLC
PARCEL NO. (32)
LAND TAKEN = 0.27± AC.
DRAINAGE EASEMENT = 1130± S.F.(1)
TEMP. CONST. RIGHTS = 0.07± AC.(2)
TOTAL AREA = 300± AC.(OWNER)
REM. AREA = 299.61± AC.

RUTH L. BLAND
PARCEL NO. (30)
LAND TAKEN = 1410± S.F.
TEMP. CONST. RIGHTS = 600± S.F.(2)
TOTAL AREA = 55,870± S.F.(SURVEY)
REM. AREA = 54,460± S.F.

RUSSELL P. DOWNS
PARCEL NO. (31)
LAND TAKEN = 781± S.F.(2)
TEMP. CONST. RIGHTS = 0.06± AC.(2)
TOTAL AREA = 5.25± AC.(CALC.)
REM. AREA = 5.23± AC.

HIGH PINE BAPTIST CHURCH
PARCEL NO. (33)
LAND TAKEN = 2260± S.F.
TEMP. CONST. RIGHTS = 1935± S.F.(2)
TOTAL AREA = 29,723± S.F.(CALC.)
REM. AREA = 27,463± S.F.

LOT PLAN THIS AREA
SURVEY FOR HIGHPINE BAPTIST CHURCH
BY ANDERSON LIVINGSTON ENGINEERS,INC.
DATED: 8/1/2001

EXISTING R/W
S.H.C. FILE NO. 16-39

PLAN FILED IN PLAN BOOK PAGE					
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

SYMBOLS

- IP or ● IPF (IRON PIPE or PIN)
- □ S.T. (SEPTIC TANK)
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- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

P.I.N. 007998.20

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 8 OF 21 SHEETS
D.O.T. FILE NO. 16 - 468

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

Filename: ...\20\raw\msto\208.RAW Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	209	_

NICHOLAS A. ROWE
HOLLY A. ROWE
PARCEL NO. (35)
LAND TAKEN = 445± S.F.(PRESC. EASE.)
LAND TAKEN = 0.08± AC.(OTHER)
TOTAL LAND TAKEN = 0.09± AC.
TEMP. CONST. RIGHTS = 0.09± AC.(3)
TOTAL AREA = 5± AC.(DEED)
REM. AREA = 4.91± AC.

HILTON FAMILY LLC
PARCEL NO. (32)
LAND TAKEN = 0.27± AC.
DRAINAGE EASEMENT = 1130± S.F.(1)
TEMP. CONST. RIGHTS = 0.07± AC.(2)
TOTAL AREA = 300± AC.(OWNER)
REM. AREA = 299.61± AC.

RICHARD D. ROGERSON
M. ALAN HALL
PARCEL NO. (34)
LAND TAKEN = 0.07± AC.
DRAINAGE EASEMENT = 0.15± AC.(1)
TEMP. CONST. RIGHTS = 190± S.F.(2)
TOTAL AREA = 10± AC.(OWNER)
REM. AREA = 9.93± AC.

MARY F. BRACKLEY
F/K/A MARY F. ROBICHAUD
PARCEL NO. (36)
LAND TAKEN = 62± S.F.(PRESC. EASE.)
LAND TAKEN = 0.09± AC.(OTHER)
TOTAL LAND TAKEN = 0.09± AC.
TEMP. CONST. RIGHTS = 330± S.F.(1)
TOTAL AREA = 10± AC.(OWNER)
REM. AREA = 9.91± AC.

MARILYN W. EARLE
RICHARD S. EARLE
PARCEL NO. (37)
LAND TAKEN = 1078± S.F.(PRESC. EASE.)
LAND TAKEN = 1639± S.F.(OTHER)
TOTAL LAND TAKEN = 2717± S.F.
TEMP. CONST. RIGHTS = 705± S.F.(1)
TOTAL AREA = 40,576± S.F.(CALC.)
REM. AREA = 37,859± S.F.

P.I. STA. 26+199.209
Δ = 14°-04'-28.0" RT.
T = 74.066 m
L = 147.387 m
E = 4.554 m
R = 600.000 m

NOTE: PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES WITHIN LIMITS OF WROUGHT PORTION

OUTLET DRAINAGE STRUCTURE
STA. 25+998.2 TO
STA. 26+015.8 RT.

P.C. STA. 26+125.143

EXISTING R/W
S.H.C. FILE NO. 16-39

P.I.N. 007998.20

PLAN FILED IN PLAN BOOK	PAGE

NO.	GRANTOR	COUNTY RECORD INSTRUMENT	DATE	BOOK	PAGE

SYMBOLS

- IP or ● IPF (IRON PIPE or PIN)
- □ S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS
MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL
MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 9 OF 21 SHEETS

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

D.O.T. FILE NO. 16 - 468

Filename: ...\2D\vow\mslo\209DRAWG.dgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	210	_

PINE TREE COMMONS, LLC
ITEM NO. (38)
TEMP. CONST. RIGHTS = 0.05± AC.(1)
TOTAL AREA = 25± AC.(DEED)

ROBERT W. MORGAN
PARCEL NO. (40)
LAND TAKEN = 787± S.F.
TEMP. CONST. RIGHTS = 905± S.F.(2)
TOTAL AREA = 29.47± AC.(CALC.)
REM. AREA = 29.45± AC.

ELLA M. HOWARD
PARCEL NO. (41)
LAND TAKEN = 1891± S.F.
TOTAL AREA = 0.95± AC.(SURVEY)
REM. AREA = 0.91± AC.

RICHARD P. HATCH
RODNEY P. HATCH
PARCEL NO. (43)
LAND TAKEN = 0.30± AC.
TEMP. CONST. RIGHTS = 0.09± AC.(2)
TOTAL AREA = 30± AC.(OWNER)
REM. AREA = 29.70± AC.

ROBERT E. WOODMAN
PARCEL NO. (42)
LAND TAKEN = 212± S.F.(PRESC. EASE.)
LAND TAKEN = 0.06± AC.(OTHER)
TOTAL LAND TAKEN = 0.07± AC.
TEMP. CONST. RIGHTS = 315± S.F.(1)
TOTAL AREA = 2.30± AC.
REM. AREA = 2.23± AC.

MARIE E. ROBICHAUD
RUTH M. RIDLEY
PARCEL NO. (39)
LAND TAKEN = 0.08± AC.(PRESC. EASE.)
LAND TAKEN = 0.10± AC.(OTHER)
TOTAL LAND TAKEN = 0.18± AC.
TEMP. CONST. RIGHTS = 570± S.F.(2)
TOTAL AREA = 40± AC.(OWNER)
REM. AREA = 39.82± AC.

P.I. STA. 26+199.209
Δ = 14°-04'-28.0" RT.
T = 74.066 m
L = 147.387 m
E = 4.554 m
R = 600.000 m

NOTE: PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES WITHIN LIMITS OF WROUGHT PORTION

P.T. STA. 26+272.530

EXISTING R/W
S.H.C. FILE NO. 16-39

P.I.N. 007998.20

PLAN FILED IN PLAN BOOK PAGE					
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

SYMBOLS

- IP or ● IPF (IRON PIPE or PIN)
- □ S.T. (SEPTIC TANK)
- W WATER LINE
- G GAS LINE
- E ELECTRIC LINE
- T TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 10 OF 21 SHEETS
D.O.T. FILE NO. 16 - 468

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

Filename: ...\20\ow\mslo\210_DRWBrdAMRDW.dgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS		
NO.	DATE	DESCRIPTION	BY

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	211	_

RICHARD P. HATCH
RODNEY P. HATCH
PARCEL NO. (43)
LAND TAKEN = 0.30± AC.
TEMP. CONST. RIGHTS = 0.09± AC.(2)
TOTAL AREA = 30± AC.(OWNER)
REM. AREA = 29.70± AC.

GRID 19XX ZONE

1 STORY ALUMINUM TRAILER #12

1 STORY ALUMINUM TRAILER #11

TIN SHED

SHED

MIXED GROWTH

PINE AND MIX

15' R/W

LIMITS

TEMP.

CONST.

0.08± AC.

(549.44')
167.470 m

3.048 m
(10.00')

81.8± m(268'±)

0.30± AC.

(819'±)
249.6± m

REMN. STONE WALL

30 mm±200 mm STEEL PIPE

12.192 m
(40.00')

15.240 m
(50.00')

161.795 m(530.82')

LAWN

300 mm PINE

400 mm PINE

500 mm PINE

500 mm MAPLE

STONE DRIVE

300 mm

350 mm PINE

600 mm FIR

CONST.
190± S.F.

TEMP.

6.1± m
(20'±)

15.240 m
(50.00')

26+400 | 26+420 | 26+440 | 26+460 | 26+480 | 26+500 | 26+520 | 26+540 | 26+560 | 26+580 | 26+600

+410.0 | +433.2± | +476.4 | +489.6 | +500.8± | +515.0 | +555.0 | +592.6

N.54°-49'-19.9"W.

329.265 m

Route 109

S.H. "7" ROUTE 109

40 PHOTO CONTROL POINT

GRAVEL DRIVE

TMP18 180mm GAS

10.668 m
(35.00')

12.192 m
(40.00')

837± S.F.

44.6± m(146'±)

830± S.F.

1.8± m
(6'±)

67.6± m(222'±)

1330± S.F.

1308± S.F.

325± S.F.

0.05± AC.

101.0± m(331'±)

118.2± m(388'±)

329.265 m
(1080.27')

0.07± AC.

1.524 m
(5.00')

515± S.F.

P.C. STA. 26+601.795

APPROX. SEPTIC SYSTEM

1 STORY VINYL SIDING *2185

WOOD RAMP
STEP WITH LAING CONC.

GRANITE PAD

RES. *2173

RES. *2219

72/55/NETT

GARAGE

P.L.

ROBERT E. WOODMAN
PARCEL NO. (44)
LAND TAKEN = 837± S.F.
TEMP. CONST. RIGHTS =
830± S.F.(1)
TOTAL AREA = 1.09± AC.
(TAX MAP)
REM. AREA = 1.07± AC.

EDWARD A. COOMBS
MILDRED N. COOMBS
PARCEL NO. (45)
LAND TAKEN = 1308± S.F.
TEMP. CONST. RIGHTS = 1655± S.F.(2)
TOTAL AREA = 31,744± S.F.(CALC.)
REM. AREA = 30,436± S.F.

MARY B. HATCH
PARCEL NO. (46)
LAND TAKEN = 0.09± AC.(2)
DRAINAGE EASEMENT = 1590± S.F.(1)
TEMP. CONST. RIGHTS = 0.10± AC.(3)
TOTAL AREA = 4± AC.(OWNER)
REM. AREA = 3.91± AC.

PLAN FILED IN PLAN BOOK PAGE					
NO.	GRANTOR	COUNTY RECORD INSTRUMENT	DATE	BOOK	PAGE

EXISTING R/W
S.H.C. FILE NO. 16-39

P.I.N. 007998.20

SYMBOLS

- IP or ● IPF (IRON PIPE or PIN)
- □ S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 11 OF 21 SHEETS

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

D.O.T. FILE NO. 16 - 468

Filename: ...\20\rowmslo\211_BWB16M1R.dgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED	REVISIONS			
			NO.	DATE	DESCRIPTION	BY
BASE MAP	T.L.B.					
EXIST. R/W	T.L.B.					
PROP. LINES	T.L.B.					
AREAS	T.L.B.	T.J.K.				

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	212	_

FAYE B. SIMPSON
PARCEL NO. (48)
LAND TAKEN = 902± S.F.
TEMP. CONST. RIGHTS = 550± S.F.(2)
TOTAL AREA = 8.54± AC.(CALC.)
REM. AREA = 8.52± AC.

GRID 19XX ZONE

HIGH PINE LOOP ROAD
P.I. STA. 11+018.826
Δ = 58°-38'-13.1" RT.
T = 6.739 m
L = 12.281 m
E = 1.763 m
R = 12.000 m

MARTIN E. MORSE
ITEM NO. (49)
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = = 900± S.F.(1)
TOTAL AREA = 67± AC.(TOWN)

DRAINAGE OUTLET
STA. 11+047.8± LT.

HIGH PINE LOOP ROAD
P.I. STA. 11+101.651
Δ = 19°-09'-52.2" RT.
T = 38.828m
L = 76.931 m
E = 3.254 m
R = 230.000 m

P.C. STA. 11+012.087
P.T. STA. 11+024.368
P.L.
CONST.
LIMITS
900± S.F.
505± S.F.
TEMP.
STA 11+060.000 END B.L.
11+060
HIGH PINE LOOP RD.
P.C. STA. 11+062.822
11+040
35.632 m
11+020
12.281 m
+026.2±
+025.0±
N.65°-47'-06.8"W.
+015.4
S.55°-34'-40.1"W.
12.087 m
(171'±) 52.0± m
(5')
1.6± m
(428'±) 130.5± m
92.8± m(304'±)
92.6± m(304'±)
1563± S.F.
S.H.C. FILE NO. 16-39
D.O.T.COMPACT URBAN LINE
TOWN OF WELLS
PARCEL NO. (52)
ARTHUR F. COFFEREN, SR.
PARCEL NO. (50)
LAND TAKEN = 1563± S.F.
TOTAL AREA = 17,155± S.F.(CALC.)
REM. AREA = 15,592± S.F.
T.C.L.
0.05± AC.
1.8± m(6'±)
45± S.F.
(130'±) 39.7± m
CONST.
190± S.F.
LTS.
6.1± m (20'±)
3.7± m (12'±)
902± S.F.(110'±) (112'±)
33.6± m
34.0± m
(50.00') 15.240 m
(171'±) 52.0± m
+640.8±
+675.0
+691.8±
+696.6±
+592.6
+607.8±
+611.4
+610.0
+616.0
+623.0
+633.2±
+632.2±
+783.2±
26+600
26+620
26+640
26+660
26+680
26+700
26+720
26+740
26+760
26+780
218.564 m
STA. 26+678.624 S.H. "7" = STA. 11+000.000 HIGH PINE LOOP RD.(SOUTH)
S.H. "7" ROUTE 109
Route 109
(80') 24.384 m
(90') 27.432 m
(40') 12.192 m
(35.00') 10.668 m
1.524 m (5.00')
15.4± m (51'±)
2.6± m (9'±)
63.4± m(208'±)
1898± S.F.
3.0± m (10'±)
515± S.F.
424± S.F.
780± S.F.
375± S.F.
215.334 m (706.48')
0.14± AC.
122.0± m(400'±)
221.6± m(727'±)
0.10± AC.
1590± S.F.
P.C. STA. 26+601.795
515± S.F.
DRAIN
EASE.
TEMP.
CONST.
LIMITS
P.L.
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PARCEL NO. (47)
(OMITTED).
OUTLET DRAINAGE STRUCTURE
P.C. STA. 26+601.795 TO
STA. 26+623.0 RT.
SEE S.H.C. FILE NO. 16-39
ELM BROOK GRANGE #521
TO
STATE OF MAINE
BK. 894, PG. 400
MIXED/LARGE GROWTH
200 mm-MAPLE
MARY B. HATCH
PARCEL NO. (46)
LAND TAKEN = 0.09± AC.(2)
DRAINAGE EASEMENT = 1590± S.F.(1)
TEMP. CONST. RIGHTS = 0.10± AC.(3)
TOTAL AREA = 4± AC.(OWNER)
REM. AREA = 3.91± AC.
P.I. STA. 26+711.721
Δ = 15°-10'-44.9" RT.
T = 109.926 m
L = 218.564 m
E = 7.291 m
R = 825.000 m
HIGH PINE PROPERTIES, LLC
PARCEL NO. (51)
LAND TAKEN = 0.14± AC.
TEMP. CONST. RIGHTS = 0.11± AC.(2)
TOTAL AREA = 495± AC.(OWNER)
REM. AREA = 494.86± AC.
P.I. STA. 26+711.721
Δ = 15°-10'-44.9" RT.
T = 109.926 m
L = 218.564 m
E = 7.291 m
R = 825.000 m
P.I.N. 007998.20

PLAN FILED IN PLAN BOOK PAGE

NO.	GRANTOR	COUNTY RECORD INSTRUMENT	DATE	BOOK	PAGE

EXISTING R/W
S.H.C. FILE NO. 16-39

SYMBOLS

- IP or IPF (IRON PIPE or PIN)
- S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 12 OF 21 SHEETS
D.O.T. FILE NO. 16 - 468

DAVID BERNHARDT
COMMISSIONER
KENNETH L. SWEENEY
CHIEF ENGINEER

Filename: ...\20\vow\mslo\212_RWRBnAm2D.dgn Date: 6/3/2011 Username: terri.kelley

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	213	_

GRID 19XX ZONE

TOWN OF WELLS
PARCEL NO. (52)
LAND TAKEN = 0.07± AC.
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 0.10± AC.(2)
TOTAL AREA = 1.20± AC.(CALC.)
REM. AREA = 1.13± AC.

MARIO J. GRASSO
CHARLOTTE B. GRASSO
PARCEL NO. (53)
LAND TAKEN = 0.05± AC.
TEMP. CONST. RIGHTS = 0.06± AC.(1)
TOTAL AREA = 1.08± AC.(CALC.)
REM. AREA = 1.03± AC.

HIGH PINE LOOP RD (SO)
110MM CMP
DRY HYDRANT
LG GRAN SLAB DAM
LEDGE
LAWN
PAVED YARD FIRE STATION
ALSO GRAN BOX CULV AROUND PIPE
FIRE POND WATER SURFACE
TOP POND BANK
OUTLET TO POND
GRAVEL YARD
2 STORY 3 BAY FIRE HOUSE
BOG
BOGAL LP GAS
FIRE POND
OUTLET DRAINAGE STRUCTURE
STA. 26+798.4± LT.
LOW LEVEL/EDGE POND
CATTAILS
600 mm MAPLE
600 mm CHERRY
700 mm MAPLE
325 MM PINE
650 MM PINE
NEW T.L.
MEDIUM/LARGE PINE
WELLS FARGO TRADING POST
GRAVEL LOT
APPROX. SEPTIC SYSTEM
SMALL TREE GROWTH
STONE&MORTAR
LAWN
GRAVEL DRIVE
SHED
P.I.
P.T.
TEMP.
CONST.
LIMITS
CLL
0.05± AC.
37.7± m(124'±)
130.6± m(428'±)
(720.61')
219.641 m
93.0± m(305'±)
0.07± AC.
(8'±) 2.3± m
79.0± m(259'±)
79.2± m(260'±)
0.06± AC.
(9'±) 2.6± m
IP
20 mm IRON,500 mm AC/LEANS
FLAT BOTTO
(40.00') 12.192 m
26+800
26+820
26+840
26+860
26+880
26+900
26+920
26+940
26+960
26+980
+845.0
+912.8±
+913.4±
+919.6±
+920.6±
+992.4±
N.39°-38'-35.0"W.
267.998 m
S.H. "7" ROUTE 109
Route 109
P.T. STA. 26+820.359
TREE 1mm OAK
UTILITY POLE
UG GAS
U.G. GAS NO UTILITIES
WOODS-LOW AREA
99.2± m(325'±)
0.14± AC.
221.6± m(727'±)
2.2± m (7'±)
345± S.F.
153.8± m(505'±)
0.08± AC.
0.07± AC.
0.10± AC.
267.998 m
(879.26')
WOODS
FARM
BUILDING UNDER CONST.

DWIGHT P. WEAVER
JANET R. WEAVER
PARCEL NO. (54)
LAND TAKEN = 0.07± AC.
TEMP. CONST. RIGHTS = 0.15± AC.(2)
TOTAL AREA = 1.85± AC.(SURVEY)
REM. AREA = 1.78± AC.

LOT PLAN THIS AREA
"LAND OF ROBERT BLAIR"
BY A.W.I. ENGINEERING CO.
DATED: OCT. 1985

HIGH PINE PROPERTIES, LLC
PARCEL NO. (51)
LAND TAKEN = 0.14± AC.
TEMP. CONST. RIGHTS = 0.11± AC.(2)
TOTAL AREA = 495± AC.(OWNER)
REM. AREA = 494.86± AC.

P.I.N. 007998.20

PLAN FILED IN PLAN BOOK PAGE					
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

EXISTING R/W
S.H.C. FILE NO. 16-39

SYMBOLS

- IP or IPF (IRON PIPE or PIN)
- S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 13 OF 21 SHEETS

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

D.O.T. FILE NO. 16 - 468

Filename: ...\20Yrow\msto\213_RW.dgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	214	_

WILBUR A. NEVERS
JUDITH A. NEVERS
TRUSTEES OF THE A & J REALTY TRUST
PARCEL NO. (55)
LAND TAKEN = 0.06± AC.
TEMP. CONST. RIGHTS = 630± S.F.(1)
TOTAL AREA = 1.09± AC.(CALC.)
REM. AREA = 1.03± AC.

PETER M. ARSENAULT
PATRICIA A. ARSENAULT
PARCEL NO. (56)
LAND TAKEN = 0.10± AC.
TEMP. CONST. RIGHTS = 1000± S.F.(1)
TOTAL AREA = 1.50± AC.(SURVEY)
REM. AREA = 1.40± AC.

BEVERLY P. CLUFF
JANICE M. ALBISON - LIFE ESTATE
PARCEL NO. (58)
LAND TAKEN = 0.11± AC.
TEMP. CONST. RIGHTS = 125± S.F.(1)
TOTAL AREA = 2± AC.(OWNER
REM. AREA = 1.89± AC.

APPROX. LOCATION SEPTIC FIELD
20'± FROM PROPOSED ROW LINE

DWIGHT P. WEAVER
JANET R. WEAVER
PARCEL NO. (54)
LAND TAKEN = 0.07± AC.
TEMP. CONST. RIGHTS = 0.15± AC.(2)
TOTAL AREA = 1.85± AC.(SURVEY)
REM. AREA = 1.78± AC.

REGINALD L. CHASE
ELIZABETH A. CHASE
PARCEL NO. (57)
LAND TAKEN = 1010± S.F.
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 0.05± AC.(1)
TOTAL AREA = 1.16± AC.(CALC.)
REM. AREA = 1.14± AC.

JAMES E. WOODMAN
PARCEL NO. (59)
LAND TAKEN = 1711± S.F.
TEMP. CONST. RIGHTS = 0.13± AC.(1)
TOTAL AREA = 3.5± AC.(OWNER)
REM. AREA = 3.46± AC.

LOT PLAN THIS AREA
"LAND OF ROBERT BLAIR"
BY A.W.I. ENGINEERING CO.
DATED: OCT. 1985

P.I. STA. 27+202.140
Δ = 21°-28'-33.6" RT.
T = 113.783 m
L = 224.896 m
E = 10.694 m
R = 600.000 m

P.C. STA. 27+088.357

P.I.N. 007998.20

EXISTING R/W
S.H.C. FILE NO. 16-39

PLAN FILED IN PLAN BOOK	PAGE				
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

SYMBOLS

- IP or ● IPF (IRON PIPE or PIN)
- □ S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 14 OF 21 SHEETS

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

D.O.T. FILE NO. 16 - 468

Filename: ...\20\vow\mrsto\214_JRW_ELAND.dgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS		
NO.	DATE	DESCRIPTION

BY

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED OR RELIED UPON TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	215	_

BEVERLY P. CLUFF
JANICE M. ALBISON - LIFE ESTATE
PARCEL NO. (58)
LAND TAKEN = 0.11± AC.
TEMP. CONST. RIGHTS = 125± S.F.(1)
TOTAL AREA = 2± AC.(OWNER
REM. AREA = 1.89± AC.

DIMLAN, LLC
PARCEL NO. (60)
LAND TAKEN = 1242± S.F.
TEMP. CONST. RIGHTS = 395± S.F.(1)
TOTAL AREA = 27,359± S.F.(CALC.)
REM. AREA = 26,117± S.F.

RAYMOND P. HUFF
BETTY E. HUFF
PARCEL NO. (63)
LAND TAKEN = 850± S.F.
TEMP. CONST. RIGHTS = 1020± S.F.(1)
TOTAL AREA = 9943± S.F.(CALC.)
REM. AREA = 9093± S.F.

LISABEN GRAVEL LLC
ITEM NO. (64)
(OMITTED)

HIGH PINE LOOP
P.I. STA. 12+019.924
Δ = 76°-16'-09.4" LT.
T = 12.562 m
L = 21.299 m
E = 4.342 m
R = 16.000 m

MARK E. PAQUETTE
ITEM NO. (65)
TEMP. CONST. RIGHTS = 1655± S.F.(1)
TOTAL AREA = 18,026± S.F.(CALC.)

JAMES E. WOODMAN
PARCEL NO. (59)
LAND TAKEN = 1711± S.F.
TEMP. CONST. RIGHTS = 0.13± AC.(1)
TOTAL AREA = 3.5± AC.(OWNER)
REM. AREA = 3.46± AC.

ANDREW D. DONOVAN
PARCEL NO. (61)
LAND TAKEN = 746± S.F.
TEMP. CONST. RIGHTS = 1300± S.F.(2)
TOTAL AREA = 20,244± S.F.(CALC.)
REM. AREA = 19,498± S.F.

S & W PROPERTIES
PARCEL NO. (62)
LAND TAKEN = 0.11± AC.
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 1655± S.F.(3)
TOTAL AREA = 1.62± AC.(CALC.)
REM. AREA = 1.51± AC.

SARAH L. JOHNSON
PARCEL NO. (66)
LAND TAKEN = 0.06± AC.
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 1220± S.F.(1)
TOTAL AREA = 1.87± AC.(CALC.)
REM. AREA = 1.81± AC.

P.I. STA. 27+202.140
Δ = 21°-28'-33.6" RT.
T = 113.783 m
L = 224.896 m
E = 10.694 m
R = 600.000 m

P.I. STA. 27+396.170
Δ = 03°-09'-59.0" RT.
T = 82.917 m
L = 165.804 m
E = 1.146 m
R = 3000.000 m

P.I.N. 007998.20

DRAINAGE OUTLET STA. 27+249.0 RT.

DRAINAGE OUTLET STA. 27+380.0 RT.

12+060 S.3°-44'-46.6"E. HIGH PINE LOOP RD. END B.L.

S.72°-31'-22.8"W. 7.362 m

STA. 27+349.575 S.H. "7" = STA. 12+000.000 HIGH PINE LOOP RD. (NORTH)

S.H. "7" ROUTE 109

EXISTING R/W
S.H.C. FILE NO. 16-39

PLAN FILED IN PLAN BOOK PAGE

NO.	GRANTOR	COUNTY RECORD INSTRUMENT	DATE	BOOK	PAGE

SYMBOLS

- IP or ● IPF (IRON PIPE or PIN)
- □ S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 15 OF 21 SHEETS
D.O.T. FILE NO. 16 - 468

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

Filename: ...\20\vow\meto\215_DWR.dgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

NO.	DATE	DESCRIPTION	BY

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	216	_

GRID 19XX ZONE

ROBERT C. HAMLYN
MARCIA R. HAMLYN
PARCEL NO. (68)
LAND TAKEN = 0.34± AC.
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 1785± S.F.(4)
TOTAL AREA = 22± AC.(OWNER)
REM. AREA = 21.66± AC.

MARY L. WIGGIN
JAMES L. WIGGIN
ITEM NO. (67)
TEMP. CONST. RIGHTS = 0.10± AC.(4)
TOTAL AREA = 8.79± AC.(CALC.)

JAMES L. WIGGIN
PARCEL NO. (69)
LAND TAKEN = 1250± S.F.
TEMP. CONST. RIGHTS = 1505± S.F.(2)
TOTAL AREA = 35,910± S.F.(CALC.)
REM. AREA = 34,860± S.F.

P.I. STA. 27+396.170
Δ = 03°-09'-59.0" RT.
T = 82.917 m
L = 165.804 m
E = 1.146 m
R = 3000.000 m

P.I. STA. 27+479.057

P.C. STA. 27+556.483

DRAINAGE OUTLET
STA. 27+523.6± LT.

DRAINAGE OUTLET
STA. 27+380.0 RT.

LOT PLAN THIS AREA
"SURVEY FOR JAMES L. WIGGIN"
PLAN BOOK 96, PAGE 44

PLAN FILED IN PLAN BOOK PAGE					
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

EXISTING R/W
S.H.C. FILE NO. 16-39

P.I.N. 007998.20

SYMBOLS

- IP or ● IPF (IRON PIPE or PIN)
- □ S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS
MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL
MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 16 OF 21 SHEETS
D.O.T. FILE NO. 16 - 468

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

Filename: ...\20\vow\mrsto\216_JWR_RAWG.dgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	217	_

ROBERT C. HAMLYN
MARCIA R. HAMLYN
PARCEL NO. (68)
LAND TAKEN = 0.34± AC.
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 1785± S.F.(4)
TOTAL AREA = 22± AC.(OWNER)
REM. AREA = 21.66± AC.

LYNETTE M. DEWEY
DARIN D. HILTON
LANI L. HILTON KELLEY
PARCEL NO. (74)
LAND TAKEN = 0.13± AC.
TEMP. CONST. RIGHTS = 0.12± AC.(2)
TOTAL AREA = 15± AC.(OWNER)
REM. AREA = 14.87± AC.

P.I. STA. 27+645.518
Δ = 14°-29'-46.5" LT.
T = 89.028 m
L = 177.110 m
E = 5.639 m
R = 700.000 m

FRANK NEAL
ITEM NO. (71)
TEMP. CONST. RIGHTS = 650± S.F.(1)
TOTAL AREA = 4528± S.F.(CALC.)

P.T. STA. 27+733.593

JAMES L. WIGGIN
PARCEL NO. (69)
LAND TAKEN = 1250± S.F.
TEMP. CONST. RIGHTS = 1505± S.F.(2)
TOTAL AREA = 35,910± S.F.(CALC.)
REM. AREA = 34,660± S.F.

TRICIA W. HAZLETT
PARCEL NO. (70)
LAND TAKEN = 1963± S.F.
TEMP. CONST. RIGHTS = 0.07± AC.(1)
TOTAL AREA = 39,406± S.F.(CALC.)
REM. AREA = 37,443± S.F.

ALLEN E. DOWNS, JR.
PARCEL NO. (72)
LAND TAKEN = 262± S.F.
TEMP. CONST. RIGHTS = 285± S.F.(1)
TOTAL AREA = 1.66± AC.(DEED)
REM. AREA = 1.65± AC.

DAVID STEFANELLI
CHERYL MATHIEU
SHARON WOOD
TRUSTEES OF THE STEFANELLI REALTY TRUST
CHARLOTTE V. STEFANELLI - LIFE ESTATE
PARCEL NO. (73)
LAND TAKEN = 0.08± AC.
TEMP. CONST. RIGHTS = 925± S.F.(2)
TOTAL AREA = 1.09± AC.(CALC.)
REM. AREA = 1.01± AC.

NORMAN E. HUTCHINS
PARCEL NO. (75)
LAND TAKEN = 0.09± AC.
TEMP. CONST. RIGHTS = 225± S.F.(1)
TOTAL AREA = 1.37± AC.(CALC.)
REM. AREA = 1.28± AC.

SEE S.H.C. FILE NO. 16-39

EXISTING R/W
S.H.C. FILE NO. 16-39

P.I.N. 007998.20

PLAN FILED IN PLAN BOOK PAGE					
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

SYMBOLS

- IP or ● IPF (IRON PIPE or PIN)
- □ S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 17 OF 21 SHEETS

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

D.O.T. FILE NO. 16 - 468

Filename: ...\20\rowmsio\217_JRWBoARDDgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

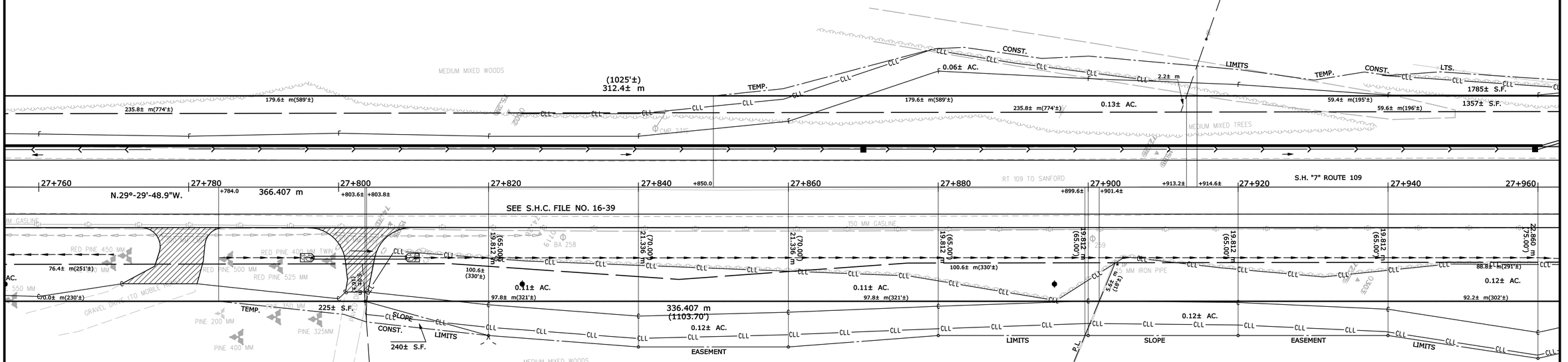
METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	218	_

GRID 19XX ZONE

LYNETTE M. DEWEY
DARIN D. HILTON
LANI L. HILTON KELLEY
PARCEL NO. (74)
LAND TAKEN = 0.13± AC.
TEMP. CONST. RIGHTS = 0.12± AC.(2)
TOTAL AREA = 15± AC.
REM. AREA = 14.87± AC.

LOT PLAN THIS AREA
"WELLS PUEBLO I"
PLAN BOOK 74, PAGE 49

JAMES M. SMALL
GEORGETTE P. SMALL
PARCEL NO. (78)
LAND TAKEN = 1357± S.F.
TEMP. CONST. RIGHTS = 1785± S.F.(1)
TOTAL AREA = 24,000± S.F.(SURVEY)
REM. AREA = 22,643± S.F.



LANI L. HILTON KELLEY
DARIN D. HILTON
PARCEL NO. (76)
LAND TAKEN = 0.11± AC.
SLOPE EASEMENT = 0.12± AC.(1)
TEMP. CONST. RIGHTS = 240± S.F.(1)
TOTAL AREA = 10± AC.(DEED)
REM. AREA = 9.89± AC.

NORMAN E. HUTCHINS
PARCEL NO. (75)
LAND TAKEN = 0.09± AC.
TEMP. CONST. RIGHTS = 225± S.F.(1)
TOTAL AREA = 1.37± AC.(CALC.)
REM. AREA = 1.28± AC.

PAUL BEAN, JR.
WILMA BEAN
PARCEL NO. (77)
LAND TAKEN = 0.12± AC.
SLOPE EASEMENT = 0.12± AC.(1)
TEMP. CONST. RIGHTS = 55± S.F.(1)
TOTAL AREA = 1.58± AC.(SURVEY)
REM. AREA = 1.46± AC.

P.I.N. 007998.20

PLAN FILED IN PLAN BOOK		PAGE			
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

EXISTING R/W
S.H.C. FILE NO. 16-39

SYMBOLS

- IP or IPF (IRON PIPE or PIN)
- S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 18 OF 21 SHEETS
D.O.T. FILE NO. 16 - 468

DAVID BERNHARDT
COMMISSIONER
KENNETH L. SWEENEY
CHIEF ENGINEER

Filename: ...\20\raw\mslo\218_RW_ROW.dgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	219	_

LOT PLAN THIS AREA "WELLS PUEBLO I" PLAN BOOK 74, PAGE 49

JAMES M. SMALL
GEORGETTE P. SMALL
PARCEL NO. (78)
LAND TAKEN = 1357± S.F.
TEMP. CONST. RIGHTS = 1785± s.f.(1)
TOTAL AREA = 24,000± S.F.(SURVEY)
REM. AREA = 22,643± S.F.

NOTE:
SEE SHEET NO. 21 FOR ITEM NOS. 84, 85, & 86
SEE SHEET NO. 20 FOR ITEM NO. 87
SEE SHEET NO. 5 FOR PARCEL NO. 88

MARC D. CUTHBERTSON
PARCEL NO. (81)
LAND TAKEN = 1252± S.F.
SLOPE EASE. = 215± S.F.(1)
TEMP. CONST. RIGHTS = 1375± S.F.(1)
TOTAL AREA = 24,000± S.F.(SURVEY)
REM. AREA = 22,748± S.F.

CHRISTOPHER E. COTE
ITEM NO. (82)
TEMP. CONST. RIGHTS = 350± S.F.(1)
TOTAL AREA = 24,000± S.F.(SURVEY)

NANCY J. TAYLOR
PARCEL NO. (83)
LAND TAKEN = 427± S.F.
TOTAL AREA = 43,745± S.F.(SURVEY)
REM. AREA = 43,318± S.F.

PAUL BEAN, JR.
WILMA BEAN
PARCEL NO. (77)
LAND TAKEN = 0.12± AC.
SLOPE EASEMENT = 0.12± AC.(1)
TEMP. CONST. RIGHTS = 55± S.F.(1)
TOTAL AREA = 1.58± AC.(SURVEY)
REM. AREA = 1.46± AC.

PARCEL NO. (79)
(OMITTED)

CRAIG F. MERROW
PARCEL NO. (80)
LAND TAKEN = 0.11± AC.
SLOPE EASE. = 845± S.F.(1)
TEMP. CONST. RIGHTS = 1035± S.F.(1)
TOTAL AREA = 1.06± AC.(SURVEY)
REM. AREA = 0.95± AC.

LOT PLAN THIS AREA "NATANIS RIDGE" PLAN BOOK 98, PAGE 9 "THE KING'S GRANT" PLAN BOOK 148, PAGE 33

PLAN FILED IN PLAN BOOK PAGE					
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

EXISTING R/W
S.H.C. FILE NO. 16-39

SYMBOLS	
● IP or ● IPF	(IRON PIPE or PIN)
□ S.T.	(SEPTIC TANK)
W	WATER LINE
G	GAS LINE
E	ELECTRIC LINE
T	TELEPHONE LINE
	SEWER LINE
	PROPERTY LINE
	LIMITS OF WROUGHT PORTION
	EXISTING RIGHT OF WAY
	NEW RIGHT OF WAY
	NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
	CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS
MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL
MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

P.I.N. 007998.20

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 19 OF 21 SHEETS
D.O.T. FILE NO. 16 - 468

DAVID BERNHARDT
COMMISSIONER
KENNETH L. SWEENEY
CHIEF ENGINEER

Filename: ...\20\rowlmsto\219_RWPLAN01.dgn Username: terri.kelley Date: 6/3/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	220	_



P.I.N. 007998.20

PLAN FILED IN PLAN BOOK PAGE					
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

SYMBOLS

- IP or ● IPF (IRON PIPE or PIN)
- □ S.T. (SEPTIC TANK)
- W WATER LINE W
- G GAS LINE G
- E ELECTRIC LINE E
- T TELEPHONE LINE T
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011

SCALE: 1 = 250

SHEET NO. 20 OF 21 SHEETS

D.O.T. FILE NO. 16 - 468

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

Filename: ...\20\vow\mrsto\220DRAWINGS\Design
Username: terri.kelley
Date: 6/3/2011

ITEM	TECH	CHECKED
BASE MAP	T.L.B.	
EXIST. R/W	T.L.B.	
PROP. LINES	T.L.B.	
AREAS	T.L.B.	T.J.K.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE	_____	221	_

MICHAEL A. WIGGINS
DEBORAH L. WIGGINS
ITEM NO. (86)
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 450± S.F.
TOTAL AREA = 3.19± AC.(DEED)

OUTLET DRAINAGE STRUCTURE
STA. 18+169.8± LT.

TEMP. CONST. LIMITS 460± S.F.

END B.L. 18+180
N.29°-39'-09.6"W.

21.305 m

18+160 | 18+140 | 18+120 | 18+100 | 18+080 | 18+060

39.262 m

P.I. STA. 18+142.446
Δ = 74°-59'-03.3" RT.
T = 23.013 m
L = 39.262 m
E = 7.810 m
R = 30.000 m

P.C. STA. 18+119.433
P.T. STA. 18+158.695

1835± S.F. LIMITS

EL VEUEL CIRCLE ACCEPTED 1977
119.433 m

620± S.F. EASEMENT LIMITS

JONETHAN A. LACHANCE
ITEM NO. (85)
SLOPE EASEMENT = 1835± S.F.(1)
TEMP. CONST. RIGHTS = 620± S.F.(1)
TOTAL AREA = 26,000± S.F.(SURVEY)

LOT PLAN THIS AREA
"WELLS PUEBLO I"
PLAN BOOK 74, PAGE 49

ROBERT L. THERRIEN
PATRICIA A. THERRIEN
ITEM NO. (84)
SLOPE EASEMENTS = 330± S.F.(2)
TEMP. CONST. RIGHTS = 600± S.F.(1)
TOTAL AREA = 24,000± S.F.(SURVEY)

304± S.F. SLOPE
600± S.F. TEMP. CONST.

S.75°-21'-47.1" W.

LOT 2 | LOT 3 | LOT 4 | LOT 5 | LOT 8 | LOT 9

P.L.

TRAIL HEAD
FOR SALE (2 LOTS)
LANDSCAPED
NET&T / 4
NET&T / 3
255MM CMP
457MM CMP
100 X 100MM CONC. W/IR
60'-59
80'-50

P.I.N. 007998.20

PLAN FILED IN PLAN BOOK PAGE					
		COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

SYMBOLS

- IP or PF (IRON PIPE or PIN)
- S.T. (SEPTIC TANK)
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE
- PROPERTY LINE
- LIMITS OF WROUGHT PORTION
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY
- CONTROL OF ACCESS

○ - RAILROAD SPIKE △ - CONTROL MONUMENTS

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL

MAINE STATE COORDINATE SYSTEM - ZONE

CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
RIGHT OF WAY MAP

STATE HIGHWAY "7" (ROUTE 109)
WELLS YORK COUNTY
FEDERAL AID PROJECT NO. NH-7998(20)E (PART II)

DATE: MARCH 2011
SCALE: 1 = 250
SHEET NO. 21 OF 21 SHEETS

DAVID BERNHARDT
COMMISSIONER

KENNETH L. SWEENEY
CHIEF ENGINEER

D.O.T. FILE NO. 16 - 468

Filename: ...\20\cow\mslo\221\DRWG\A0200.dgn Username: terri.kelley Date: 6/3/2011