

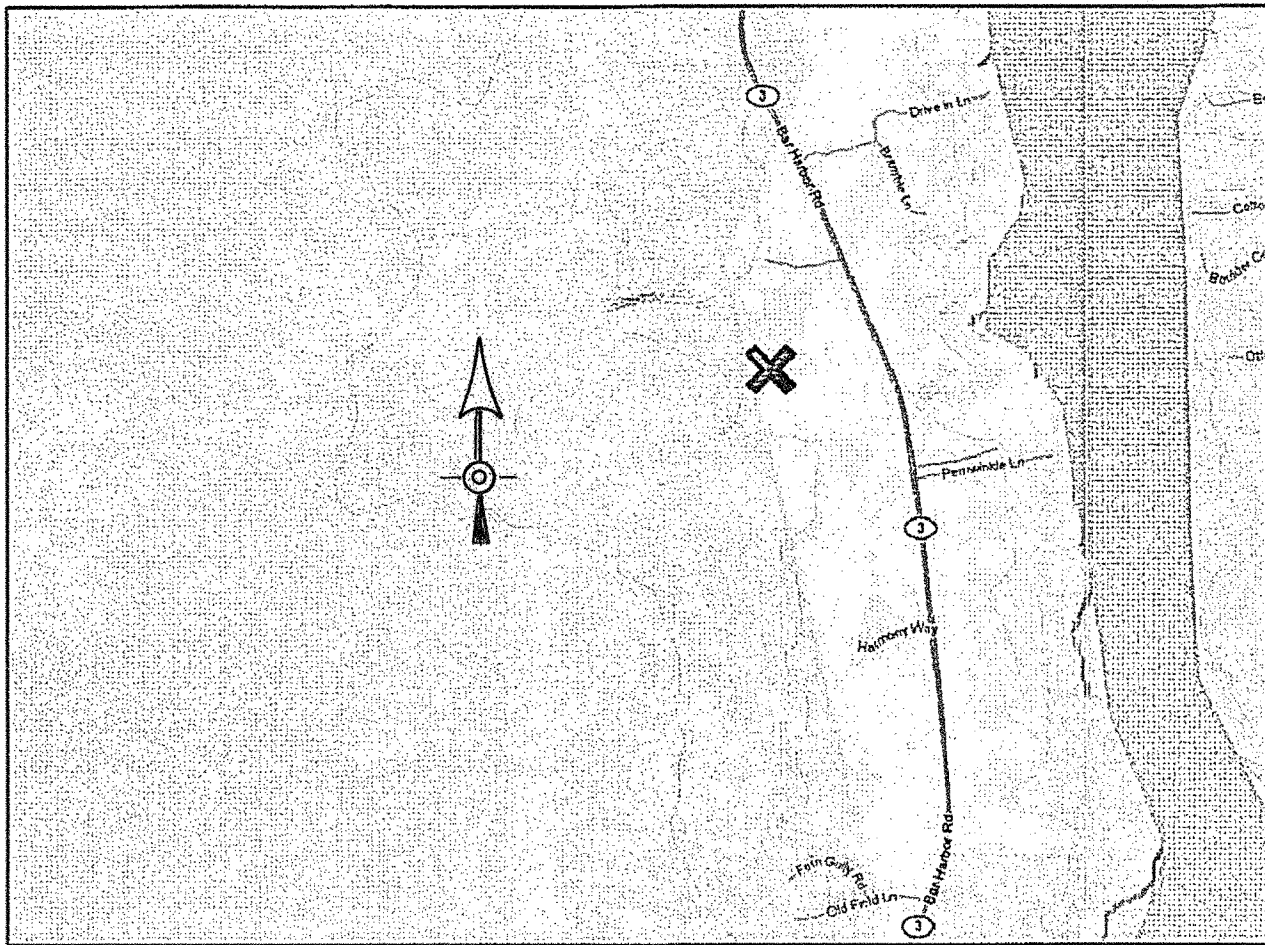
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



TRENTON
HANCOCK COUNTY

MAY 01, 2009
ISSUED FOR BID

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY



LOCATION MAP

DRAWING STATUS LIST					DRAWING STATUS LIST				
DRAWINGS					DRAWINGS				
SHt No.	SHEET TITLE	ISSUE	DATE	DESCRIPTION	SHt No.	SHEET TITLE	ISSUE	DATE	DESCRIPTION
G-1	TITLE SHEET		01-08-2009	60% REVIEW	A7.10	SECOND FLOOR ENLARGED PLAN V		01-08-2009	60% REVIEW
C-1	TYPICAL SECTIONS		02-12-2009	90% REVIEW	A7.13	FIRST FLOOR EQUIPMENT PLAN I		02-12-2009	90% REVIEW
C-2	PIPE ARCH DETAILS		02-12-2009	90% REVIEW	A7.14	FIRST FLOOR EQUIPMENT PLAN II		02-12-2009	90% REVIEW
C-3	ESTIMATED QUANTITIES		02-12-2009	90% REVIEW	A7.15	ADMINISTRATION BLDG FIRST FLOOR FURNITURE PLAN		02-12-2009	90% REVIEW
C-4	GENERAL NOTES		02-12-2009	90% REVIEW	A7.16	ADMINISTRATION BLDG SECOND FLOOR FURNITURE PLAN		02-12-2009	90% REVIEW
C-5-C-9	PLAN / PROFILE		02-12-2009	90% REVIEW	A7.20	INTERIOR ELEVATIONS I		02-12-2009	90% REVIEW
C-10-C-17	PLAN ONLY		02-12-2009	90% REVIEW	A7.21	INTERIOR ELEVATIONS II		02-12-2009	90% REVIEW
C-18-C-19	GEOMETRICS AND CURB LAYOUT		02-12-2009	90% REVIEW	A7.22	INTERIOR ELEVATIONS III		02-12-2009	90% REVIEW
C-20-C-63	CROSS - SECTIONS		02-12-2009	90% REVIEW	A7.23	INTERIOR ELEVATIONS IV		02-12-2009	90% REVIEW
C-64-C-68	LANDSCAPE PLANS		02-12-2009	90% REVIEW	A7.24	INTERIOR ELEVATIONS V		02-12-2009	90% REVIEW
C-69-C-62	ENVIRONMENTAL PLAN VIEW		02-12-2009	90% REVIEW	A7.25	INTERIOR ELEVATIONS VI		02-12-2009	90% REVIEW
C-101	SITE LAYOUT PLAN		02-12-2009	90% REVIEW	A7.26	INTERIOR ELEVATIONS VII		02-12-2009	90% REVIEW
C-102	UTILITY PLAN		02-12-2009	90% REVIEW	A7.27	INTERIOR ELEVATIONS VIII		02-12-2009	90% REVIEW
C-103	GRADING, DRAINAGE AND EROSION AND SEDIMENTATION CONTROL PLAN		02-12-2009	90% REVIEW	A8.01	WOOD PANEL DETAILS		02-12-2009	90% REVIEW
C-401	RETAINING WALL PLAN AND PROFILE		02-12-2009	90% REVIEW	A8.02	FINISH SCHEDULE		02-12-2009	90% REVIEW
C-402	SITE DETAILS		02-12-2009	90% REVIEW	A8.03	PARTITION TYPES		02-12-2009	90% REVIEW
C-403	DRAINAGE AND UTILITY DETAILS		02-12-2009	90% REVIEW	A8.04	DOOR SCHEDULE		02-12-2009	90% REVIEW
C-404	WATER DETAILS		02-12-2009	90% REVIEW	A8.05	DOOR AND DOOR FRAME ELEVATIONS		02-12-2009	90% REVIEW
C-405	EROSION CONTROL DETAILS		02-12-2009	90% REVIEW	A8.05	WINDOW FRAME AND LOUVER ELEVATIONS		02-12-2009	90% REVIEW
A0.01	SYMBOLS, NOTES & ABBREVIATIONS		02-12-2009	90% REVIEW	S-000	STRUCTURAL - GENERAL NOTES		02-12-2009	90% REVIEW
A0.02	FIRE RATING PARTITION PLANS		02-12-2009	90% REVIEW	S-201	STRUCTURAL - TYPICAL DETAILS		02-12-2009	90% REVIEW
A1.01	SITE PLAN		02-12-2009	90% REVIEW	SB-100	STRUCTURAL PART PLAN - FOUNDATION		02-12-2009	90% REVIEW
A2.01	FIRST FLOOR PLAN		02-12-2009	90% REVIEW	SB-101	STRUCTURAL PART PLAN - FOUNDATION		02-12-2009	90% REVIEW
A2.02	SECOND FLOOR PLAN		02-12-2009	90% REVIEW	SB-102	RADON AND FOOTING DRAIN PIPING LAYOUT PLANS		02-12-2009	90% REVIEW
A2.03	ROOF PLAN		02-12-2009	90% REVIEW	SB-200	STRUCTURAL - ENLARGED FOUNDATION PLANS		02-12-2009	90% REVIEW
A2.04	FUELING STATION I		02-12-2009	90% REVIEW	SB-500	STRUCTURAL - FOUNDATION DETAILS		02-12-2009	90% REVIEW
A2.05	FUELING STATION II		02-12-2009	90% REVIEW	SB-501	STRUCTURAL - FOUNDATION DETAILS		02-12-2009	90% REVIEW
A2.06	BUS SHELTER		02-12-2009	90% REVIEW	SF-100	STRUCTURAL PART PLAN - SECOND FLOOR FRAMING		02-12-2009	90% REVIEW
A3.01	EXTERIOR ELEVATIONS I - ADMINISTRATION BUILDING		02-12-2009	90% REVIEW	SF-101	STRUCTURAL PART PLAN - MEZZANINE/GIRT FRAMING		02-12-2009	90% REVIEW
A3.02	EXTERIOR ELEVATIONS II - GARAGE		02-12-2009	90% REVIEW	SF-102	STRUCTURAL PART PLAN - ROOF FRAMING		02-12-2009	90% REVIEW
A3.03	BUILDING SECTIONS I		02-12-2009	90% REVIEW	SF-103	STRUCTURAL PART PLAN - ROOF FRAMING		02-12-2009	90% REVIEW
A3.04	BUILDING SECTIONS II		02-12-2009	90% REVIEW	SF-400	STRUCTURAL - CANOPY FRAMING PLANS		02-12-2009	90% REVIEW
A3.05	BUILDING SECTIONS III		02-12-2009	90% REVIEW	SF-500	STRUCTURAL - DETAILS		02-12-2009	90% REVIEW
A3.06	BUILDING SECTIONS IV		02-12-2009	90% REVIEW	SF-501	STRUCTURAL - CANOPY DETAILS		02-12-2009	90% REVIEW
A4.01	WALL SECTIONS I		02-12-2009	90% REVIEW	SF-502	STRUCTURAL - DETAILS		02-12-2009	90% REVIEW
A4.02	WALL SECTIONS II		02-12-2009	90% REVIEW	SF-503	STRUCTURAL - DETAILS		02-12-2009	90% REVIEW
A4.03	WALL SECTIONS III		02-12-2009	90% REVIEW	SF-504	STRUCTURAL - FUELING STATION AND BUS SHELTER FRAMING PLANS AND DETAILS		02-12-2009	90% REVIEW
A4.04	WALL SECTIONS IV		02-12-2009	90% REVIEW	FP-100	FIRE PROTECTION PLAN FIRST FLOOR		02-12-2009	90% REVIEW
A4.05	WALL SECTIONS V		02-12-2009	90% REVIEW	FP-101	FIRE PROTECTION PLAN SECOND FLOOR		02-12-2009	90% REVIEW
A4.06	WALL SECTIONS VI		02-12-2009	90% REVIEW	FP-500	FIRE PROTECTION STORAGE TANK DETAILS		02-12-2009	90% REVIEW
A4.07	WALL SECTIONS VII		02-12-2009	90% REVIEW	P-000	LEGENDS AND ABBREVIATIONS		02-12-2009	90% REVIEW
A4.08	WALL SECTIONS VIII		02-12-2009	90% REVIEW	PS-100	PLUMBING PART PLAN - UNDERSLAB		02-12-2009	90% REVIEW
A4.09	WALL SECTIONS IX		02-12-2009	90% REVIEW	PS-101	SANITARY PART PLAN - UNDERSLAB		02-12-2009	90% REVIEW
A4.20	DOOR DETAILS I		02-12-2009	90% REVIEW	PS-102	SANITARY PART PLAN - FIRST FLOOR		02-12-2009	90% REVIEW
A4.21	DOOR DETAILS II		02-12-2009	90% REVIEW	PS-103	SANITARY PART PLAN - FIRST FLOOR		02-12-2009	90% REVIEW
A4.22	DOOR DETAILS III		02-12-2009	90% REVIEW	PS-104	SANITARY PART PLAN - SECOND FLOOR		02-12-2009	90% REVIEW
A4.23	DOOR DETAILS IV		02-12-2009	90% REVIEW	PS-105	SANITARY PART PLAN - SECOND FLOOR		02-12-2009	90% REVIEW
A4.24	DOOR DETAILS V		02-12-2009	90% REVIEW	PS-106	SANITARY PART PLAN - ROOF		02-12-2009	90% REVIEW
A4.25	DOOR DETAILS VI		02-12-2009	90% REVIEW	PL-100	DOMESTIC PART PLAN - FIRST FLOOR		02-12-2009	90% REVIEW
A4.26	DOOR DETAILS VII		02-12-2009	90% REVIEW	PL-101	DOMESTIC PART PLAN - FIRST FLOOR		02-12-2009	90% REVIEW
A4.27	DOOR DETAILS VIII		02-12-2009	90% REVIEW	PL-102	DOMESTIC PART PLAN - SECOND FLOOR		02-12-2009	90% REVIEW
A4.30	WINDOW DETAILS I		02-12-2009	90% REVIEW	PL-103	DOMESTIC PART PLAN - SECOND FLOOR		02-12-2009	90% REVIEW
A4.31	WINDOW DETAILS II		02-12-2009	90% REVIEW	P-500	PLUMBING DETAILS		02-12-2009	90% REVIEW
A4.32	WINDOW DETAILS III		02-12-2009	90% REVIEW	P-501	BUS WASH PLUMBING COORDINATION DETAILS		02-12-2009	90% REVIEW
A4.33	LOUVER DETAILS I		02-12-2009	90% REVIEW	P-502	BUS WASH PLUMBING COORDINATION DETAILS		02-12-2009	90% REVIEW
A4.40	THERMOPLASTIC ROOF DETAILS I		02-12-2009	90% REVIEW	P-503	BUS WASH PLUMBING COORDINATION DETAILS		02-12-2009	90% REVIEW
A4.41	THERMOPLASTIC ROOF DETAILS II		02-12-2009	90% REVIEW	P-500	HOT WATER AND GAS PIPING SCHEMATICS		02-12-2009	90% REVIEW
A4.42	THERMOPLASTIC ROOF DETAILS III		02-12-2009	90% REVIEW	MH-100	MECHANICAL PART PLAN - FIRST FLOOR		02-12-2009	90% REVIEW
A4.43	METAL STANDING SEAM ROOF DETAILS I		02-12-2009	90% REVIEW	MH-101	MECHANICAL PART PLAN - UPPER LEVEL		02-12-2009	90% REVIEW
A4.44	METAL STANDING SEAM ROOF DETAILS II		02-12-2009	90% REVIEW	MH-102	MECHANICAL PART PLAN - UPPER LEVEL		02-12-2009	90% REVIEW
A4.45	SKYLIGHT I		02-12-2009	90% REVIEW	MH-103	MECHANICAL PART PLAN - ROOF		02-12-2009	90% REVIEW
A4.46	SKYLIGHT II		02-12-2009	90% REVIEW	MH-104	MECHANICAL PART PLAN - ROOF		02-12-2009	90% REVIEW
A4.47	SKYLIGHT III		02-12-2009	90% REVIEW	MH-300	MECHANICAL SECTIONS		02-12-2009	90% REVIEW
A4.48	SKYLIGHT IV		02-12-2009	90% REVIEW	MH-600	MECHANICAL SCHEMATICS		02-12-2009	90% REVIEW
A5.01	STAIR 01 PLANS AND SECTIONS		02-12-2009	90% REVIEW	MP-100	MECHANICAL PIPING PART PLAN - FIRST FLOOR		02-12-2009	90% REVIEW
A5.02	STAIR 02 PLANS AND SECTIONS		02-12-2009	90% REVIEW	MP-101	MECHANICAL PIPING PART PLAN - FIRST FLOOR		02-12-2009	90% REVIEW
A5.03	STAIR 03 PLANS AND SECTIONS		02-12-2009	90% REVIEW	MP-102	MECHANICAL PIPING PART PLAN - UPPER LEVEL		02-12-2009	90% REVIEW
A5.04	STAIR 04 AND FIXED LADDER PLANS AND SECTIONS		02-12-2009	90% REVIEW	E-000	ELECTRICAL LEGENDS AND ABBREVIATIONS		02-12-2009	90% REVIEW
A5.05	STAIR 01 DETAILS		02-12-2009	90% REVIEW	ES-100	SITE ELECTRICAL PART PLAN		02-12-2009	90% REVIEW
A5.06	STAIR 02 DETAILS		02-12-2009	90% REVIEW	ES-101	SITE ELECTRICAL PART PLAN, DETAILS AND SCHEDULE		02-12-2009	90% REVIEW
A5.07	STAIR 03 DETAILS		02-12-2009	90% REVIEW	ES-102	SITE ELECTRICAL PART PLAN		02-12-2009	90% REVIEW
A5.08	STAIR 04 DETAILS		02-12-2009	90% REVIEW	ES-500	SITE ELECTRICAL DETAILS		02-12-2009	90% REVIEW
A5.20	ELEVATOR PLANS AND SECTIONS		02-12-2009	90% REVIEW	EL-100	LIGHTING PART PLAN - FIRST FLOOR		02-12-2009	90% REVIEW
A5.21	ELEVATOR PLANS AND SECTIONS		02-12-2009	90% REVIEW	EL-101	LIGHTING PART PLAN - FIRST FLOOR		02-12-2009	90% REVIEW
A6.01	FIRST FLOOR REFLECTED CEILING PLAN		02-12-2009	90% REVIEW	EL-102	LIGHTING PART PLAN - SECOND FLOOR		02-12-2009	90% REVIEW
A6.02	SECOND FLOOR REFLECTED CEILING PLAN		02-12-2009	90% REVIEW	EL-103	LIGHTING PART PLAN - SECOND FLOOR		02-12-2009	90% REVIEW
A6.10	FINISH FLOOR PLANS		02-12-2009	90% REVIEW	EP-100	POWER AND SYSTEMS PART PLAN - FIRST FLOOR		02-12-2009	90% REVIEW
A6.11	FIRST FLOOR PARKING LINE PLAN		02-12-2009	90% REVIEW	EP-101	POWER AND SYSTEMS PART PLAN - FIRST FLOOR		02-12-2009	90% REVIEW
A7.01	FIRST FLOOR ENLARGED PLAN I		02-12-2009	90% REVIEW	EP-102	POWER AND SYSTEMS PART PLAN - SECOND FLOOR		02-12-2009	90% REVIEW
A7.02	FIRST FLOOR ENLARGED PLAN II		02-12-2009	90% REVIEW	EP-103	POWER AND SYSTEMS PART PLAN - SECOND FLOOR		02-12-2009	90% REVIEW
A7.03	FIRST FLOOR ENLARGED PLAN III		02-12-2009	90% REVIEW	EP-104	ELECTRICAL PLAN ROOF		02-12-2009	90% REVIEW
A7.04	FIRST FLOOR ENLARGED PLAN IV		02-12-2009	90% REVIEW	EP-400	POWER RISER DIAGRAM AND SCHEDULES		02-12-2009	90% REVIEW
A7.05	FIRST FLOOR ENLARGED PLAN V		02-12-2009	90% REVIEW	LP-100	LIGHTNING PROTECTION PLAN		02-12-2009	90% REVIEW
A7.06	SECOND FLOOR ENLARGED PLAN I		02-12-2009	90% REVIEW	LP-101	LIGHTNING PROTECTION PLAN		02-12-2009	90% REVIEW
A7.07	SECOND FLOOR ENLARGED PLAN II		02-12-2009	90% REVIEW	LP-500	LIGHTNING PROTECTION DETAILS		02-12-2009	90% REVIEW
A7.08	SECOND FLOOR ENLARGED PLAN III		02-12-2009	90% REVIEW					
A7.09	SECOND FLOOR ENLARGED PLAN IV		02-12-2009	90% REVIEW					

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		DATE 8/17/09	
APPROVED <i>[Signature]</i>		COMMISSIONER <i>[Signature]</i>	
SIGNATURE 7133		P. E. NUMBER 01 MAY, 2009	
PROJECT INFORMATION PROGRAM PROJECT MANAGER DESIGNER CONSULTANT PROJECT RESIDENT CONTRACTOR PROJECT COMPLETION DATE		TITLE SHEET	
MAIN DEPARTMENT OF TRANSPORTATION ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		SHEET NUMBER G-1	
PIN: 16123.50		CHIEF ENGINEER <i>[Signature]</i>	

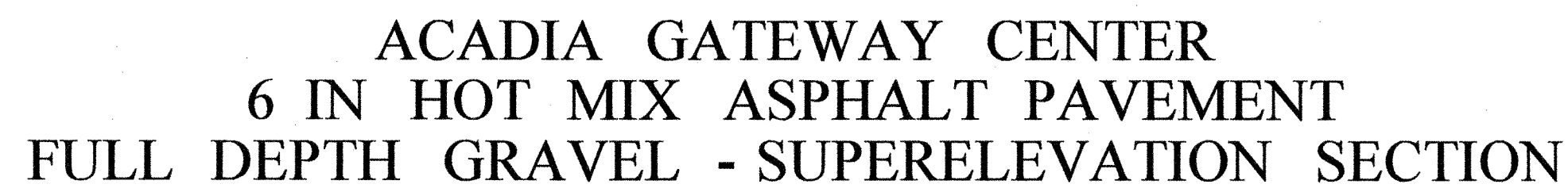
Username:

Division:

Date:

Filename:

Filename: ... \001_Typical_gateway center.dgn Division: HIGHWAY Username: Jeffrey.Veilleux Date:9/10/2009



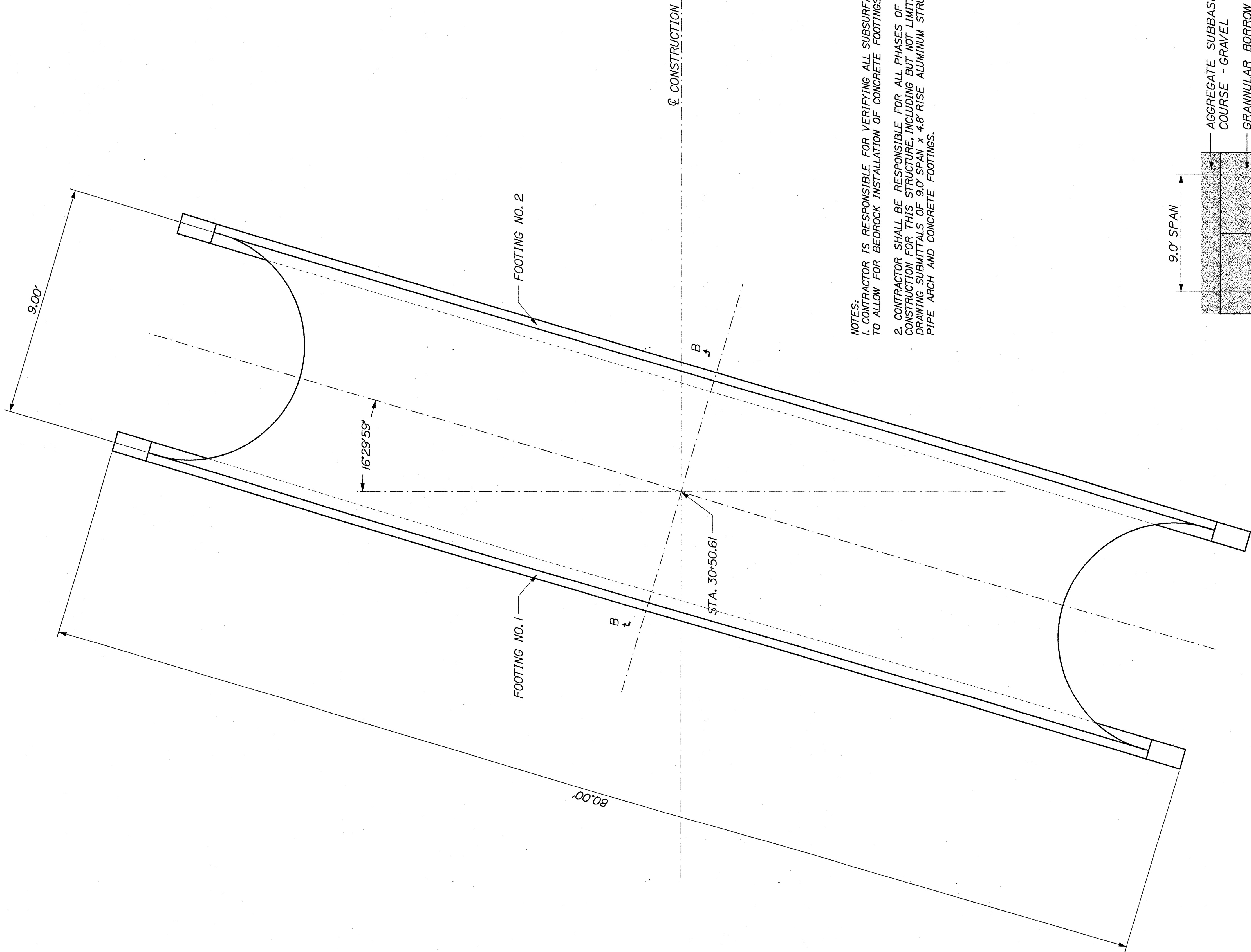
NOTE:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER SHALL HAVE THE SAME SLOPE AS THE TRAVELWAY.
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 2" LOAM OR DIRTY BORROW DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
5. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVELWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
6. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.

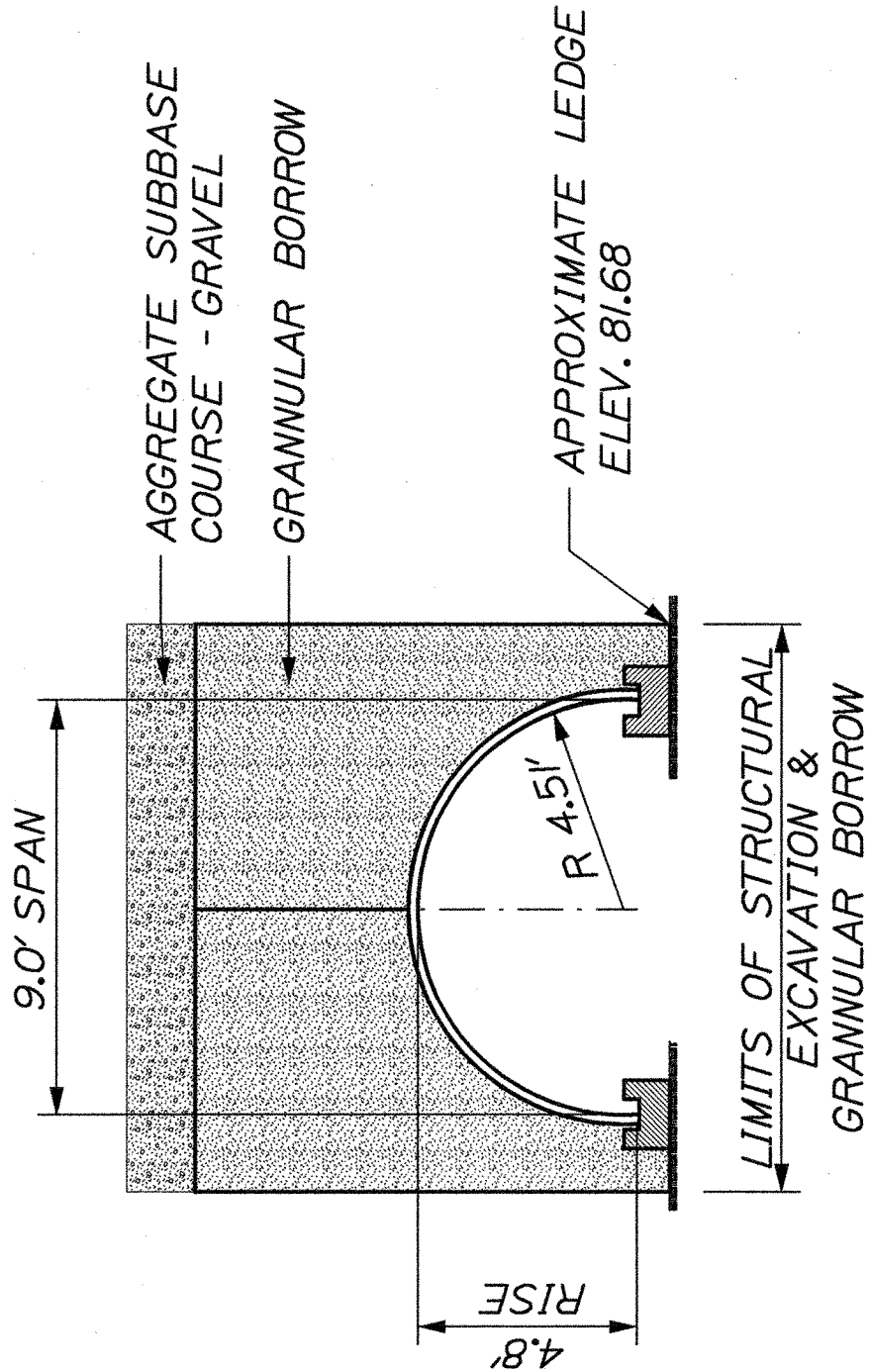
SUPERELEVATION TABLE

LT. SHOULDER	LT. TRAVELWAY	STATION	RT. TRAVELWAY	RT. SHOULDER
		START		
-4.0	-2.0	11+00	-2.0	-4.0
		TO		
-4.0	-2.0	12+50	-2.0	-4.0
-4.0	-2.0	13+00	-0.1	-4.0
-4.0	-2.0	13+50	0.9	-4.0
-4.0	-2.0	14+00	1.9	-4.0
-4.0	-2.9	14+50	2.8	-4.0
-4.0	-3.8	15+00	3.8	-4.0
		TO		
-4.0	-3.8	17+00	3.8	-4.0
-4.0	-2.9	17+50	2.8	-4.0
-4.0	-2.0	18+00	1.9	-4.0
-4.0	-2.0	18+50	0.9	-4.0
-4.0	-2.0	19+00	-0.1	-4.0
-4.0	-2.0	19+50	-1.0	-4.0
-4.0	-2.0	20+00	-2.0	-4.0
		TO		
-4.0	-2.0	24+50	-2.0	-4.0
-4.0	-2.0	25+00	-0.9	-4.0
-4.0	-2.0	25+50	0.2	-4.0
-4.0	-2.0	26+00	1.3	-4.0
-4.0	-2.5	26+50	2.4	-4.0
-4.0	-3.5	27+00	3.5	-4.0
-4.0	-3.5	27+50	3.5	-4.0
-4.0	-2.5	28+00	2.4	-4.0
-4.0	-2.0	28+50	1.3	-4.0
-4.0	-2.0	29+00	0.2	-4.0
-4.0	-2.0	29+50	-0.9	-4.0
-4.0	-2.0	30+00	-2.0	-4.0
-4.0	-1.5	30+50	-2.0	-4.0
-4.0	-1.0	31+00	-2.0	-4.0
-4.0	-0.5	31+50	-2.0	-4.0
-4.0	0.0	32+00	-2.0	-4.0
-4.0	0.5	32+50	-2.0	-4.0
-4.0	1.0	33+00	-2.0	-4.0
-4.0	1.5	33+50	-2.0	-4.0
-4.0	2.0	34+00	-2.0	-4.0
		TO		
-4.0	2.0	35+50	-2.0	-4.0
-4.0	0.6	36+00	-0.6	-4.0
-4.0	-0.9	36+50	0.9	-4.0
-4.0	-2.4	37+00	2.4	-4.0
-4.0	-2.8	37+15.28	2.8	-4.0
		TO		
-4.0	-2.8	38+11.27	2.8	-4.0
-4.0	-2.3	38+50	2.3	-4.0
-4.0	-1.5	39+00	1.5	-4.0
-4.0	-0.8	39+50	0.8	-4.0
-4.0	-0.1	40+00	0.1	-4.0
-4.0	0.6	40+50	-0.6	-4.0
-4.0	1.3	41+00	-1.3	-4.0
-4.0	2.0	41+50	-2.0	-4.0
-4.0	1.36	42+00	-2.0	-4.0
-4.0	0.2	42+50	-2.0	-4.0
-4.0	-0.9	43+00	-2.0	-4.0
-4.0	-2.0	43+50	-2.0	-4.0
		TO		
-4.0	-2.0	44+84	-2.0	-4.0

NOT TO SCALE



NOTES:
1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SUBSURFACE SOILS TO ALLOW FOR BEDROCK INSTALLATION OF CONCRETE FOOTINGS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PHASES OF DESIGN AND CONSTRUCTION FOR THIS STRUCTURE, INCLUDING BUT NOT LIMITED TO; DRAWING SUBMITTALS OF 9.0' SPAN x 4.8' RISE ALUMINUM STRUCTURAL PLATE PIPE ARCH AND CONCRETE FOOTINGS.



SECTION B-B

SHEET NUMBER C-2 OF 63	ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
	PIPE ARCH DETAILS		PIN 16123.50 HIGHWAY PLANS		
REVISIONS		SIGNATURE		DATE	
DESIGN-DETAILED		J. COFFIN		J. COFFIN	
CHECKED-REVIEWED		J. COFFIN		J. COFFIN	
DESIGN-DETAILED		J. COFFIN		J. COFFIN	
REVISIONS 1		60% REVIEW - JAN 2009		01-08-09	
REVISIONS 2		90% REVIEW - FEB 2009		02-12-09	
REVISIONS 3		ISSUED FOR BID		05-28-09	
REVISIONS 4		FIELD CHANGES		05-28-09	

COMMON EXCAVATION FOR ESTIMATE		
COMMON EXCAVATION (FROM CROSS SECTIONS)	16,500	
EARTH FROM DRIVES, OLD ROAD, ETC.	0	
GRUBBING IN FILL	6,210	
LOAM SALVAGE IN FILL	0	
UNDERCUT	0	
MUCK EXCAVATION	0	
CULVERT INLET AND OUTLET DITCHES	0	
PAVEMENT SALVAGE IN FILL	0	
TOTAL COMMON EXCAVATION		22,710
FILL FOR BORROW CALCULATIONS		
COMMON FILL (FROM CROSS SECTIONS)	11,710	
FILL FOR DRIVES	0	
GRUBBING IN FILL	6,210	
LOAM SALVAGE IN FILL	0	
UNDERCUT	0	
MUCK EXCAVATION	0	
PAVEMENT SALVAGE IN FILL	0	
TOTAL FILL		17,920
ROCK EXCAVATION FOR ESTIMATE		
ROCK EXCAVATION (FROM CROSS SECTIONS)	150	
ROCK EXCAVATION (BOULDERS)	0	
TOTAL ROCK EXCAVATION		150
UNCLASSIFIED EXCAVATION FOR ESTIMATE		
TOTAL UNCLASSIFIED EXCAVATION		0
AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS		
(1) TOTAL COMMON EXCAVATION		22,710
DEDUCTIONS:		
GRUBBING IN CUT	6,630	
GRUBBING IN FILL	6,210	
LOAM SALVAGE IN CUT	0	
LOAM SALVAGE IN FILL	0	
UNDERCUT	0	
MUCK EXCAVATION	0	
PAVEMENT SALVAGE (CUT & FILL)	0	
(2) TOTAL DEDUCTIONS		12,840
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)		9,870
TOTAL AVAILABLE STRUCT. EXCAVATIONS (USUALLY UNDERDRAIN ONLY)		70
TOTAL AVAILABLE NON-ROCK EXCAVATION		9,940
COMPUTATION OF WASTE STORAGE & WASTE MATERIAL		
TOTAL AVAIL. WASTE STORAGE AREA (FROM CROSS SECTIONS)		0
GRUBBING IN CUT	6,630	
GRUBBING IN FILL	6,210	
UNDERCUT	0	
MUCK EXCAVATION	0	
TOTAL WASTE MATERIAL TO BE UTILIZED (LOWER OF TOTAL AVAILABLE WASTE STORAGE AREA OR TOTAL WASTE MATERIAL)		12,840
TOTAL WASTE MATERIAL TO BE WASTED (TOTAL WASTE MATERIAL MINUS TOTAL WASTE MATERIAL TO BE UTILIZED)		12,840
COMPUTATION FOR COMMON BORROW FOR ESTIMATE		
(3) TOTAL FILL		17,920
TOTAL AVAIL. NON-ROCK EXCAV.	9,940x 0.85 =	8,449
TOTAL AVAIL. ROCK EXCAV.	150x 1.33 =	200
TOTAL AVAIL. STR. ROCK EXCAV.	100x 1.33 =	133
TOTAL WASTE MATERIAL TO BE UTILI	0x 1.00 =	0
(4) TOTAL AVAILABLE EXCAVATION		= 8,782
BORROW NEEDED = TOTAL FILL MINUS TOTAL AVAILABLE EXC		9,138

Filename: ...\\004_GeneralNotes_Gateway_Center.dgnDivision: HIGHWAY Username: Jeffrey.Vailleux Date:9/10/2009

GENERAL NOTES

1. THE UTILITIES INVOLVED IN THIS CONTRACT ARE AS FOLLOWS:
BANGOR HYDRO ELECTRIC
FAIRPOINT COMMUNICATIONS
TIME WARNER CABLE.
2. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITIES UNLESS OTHERWISE NOTED.
3. ALL JOINTS BETWEEN EXISTING AND PROPOSED HOT BITUMINOUS PAVEMENT SHALL BE BUTTED.PAYMENT SHALL BE MADE UNDER ITEM 202.203 PAVEMENT BUTT JOINT.
4. CLEARING LIMITS SHALL BE 10' BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT.
5. THE CLEARING LINES SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE RESIDENT.
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 15 INCHES FOR BOTH FIELD AND WOODED AREAS.
7. PRIOR TO REMOVING ANY PAVEMENT OR PLACING ANY SHIM PAVEMENT,THE ROADWAY WILL BE INSPECTED FOR POSSIBLE SUBSURFACE BOULDERS,WHICH WILL BE REMOVED AS DIRECTED BY THE RESIDENT.PAYMENT WILL BE MADE UNDER APPROPRIATE CONTRACT RENTAL ITEMS. BACKFILL WITH MATERIAL CONSISTENT WITH SURROUNDING MATERIAL UP TO SUBGRADE.PLACE AGGREGATE SUBBASE COURSE GRAVEL FROM SUB-GRADE TO FINISH GRAVEL GRADE AND COMPACT ALL MATERIAL ANY MATERIAL AND EQUIPMENT USED TO BACKFILL HOLES AFTER REMOVAL OF BOULDERS WILL BE CONSIDERED INCIDENTAL TO THE CONTACT ITEMS.
8. WHERE DEEMED NECESSARY BY THE RESIDENT,UNSUITABLE EXCESS MATERIAL SHALL BE REMOVED FROM THE EDGES OF SHOULDERS AND PLACED IN DESIGNATED AREAS OR DISPOSED OF.PAYMENT WILL BE MADE UNDER THE APPROPRIATE CONTRACT ITEMS.
9. THE CONTRACTOR SHALL PLAN AND CONDUCT THEIR WORK ACCORDINGLY SO THAT UPON FINAL COMPLETION OF THE PROJECT THERE IS NO DROP-OFF FROM THE EDGE OF SHOULDER PAVEMENT.ALL REMAINING OR DISTURBED MATERIAL ON SLOPES OR IN DITCHES ON THE PROJECT SHALL BE CAPABLE OF ATTAINING A GROWTH OF GRASS THAT IS ACCEPTABLE ACCORDING TO STANDARD SPECIFICATION 618.10. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
10. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN WASTE AREAS APPROVED BY THE RESIDENT.
11. 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.
12. THE FILL QUANTITY SHOWN ON THE CROSS SECTIONS INCLUDES THE WASTE STORAGE.
13. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION AREAS AND APPROVED BORROW AREAS.
14. 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.
15. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING SHALL BE INCIDENTAL TO THE RELATED PAVING ITEMS.
16. WHEN SUPER ELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER,THE SHOULDER PAVEMENT WILL HAVE SAME SLOPE AS TRAVELED WAY.
17. THE FOLLOWING SHALL BE INCIDENTAL TO THE 603 ITEM(S):

A. ANY CUTTING OF EXISTING CULVERTS AND OR CONNECTORS NECESSARY TO INSTALL NEW CULVERT REPLACEMENTS OR EXTENSIONS

B. ALL PIPE EXCAVATION INCLUDING ANY CUTTING AND REMOVAL OF PAVEMENT

C. ALL DITCHING AT PIPE ENDS

D. FURNISHING, PLACING, GRADING, AND COMPACTING OF ANY NEW GRAVEL AND/OR FILL MATERIAL INCLUDING GRANULAR BORROW USED UNDER PIPES AND FOR TEMPORARY DETOURS TO MAINTAIN TRAFFIC DURING PIPE INSTALLATION (EXCAVATION IS ALSO INCIDENTAL)

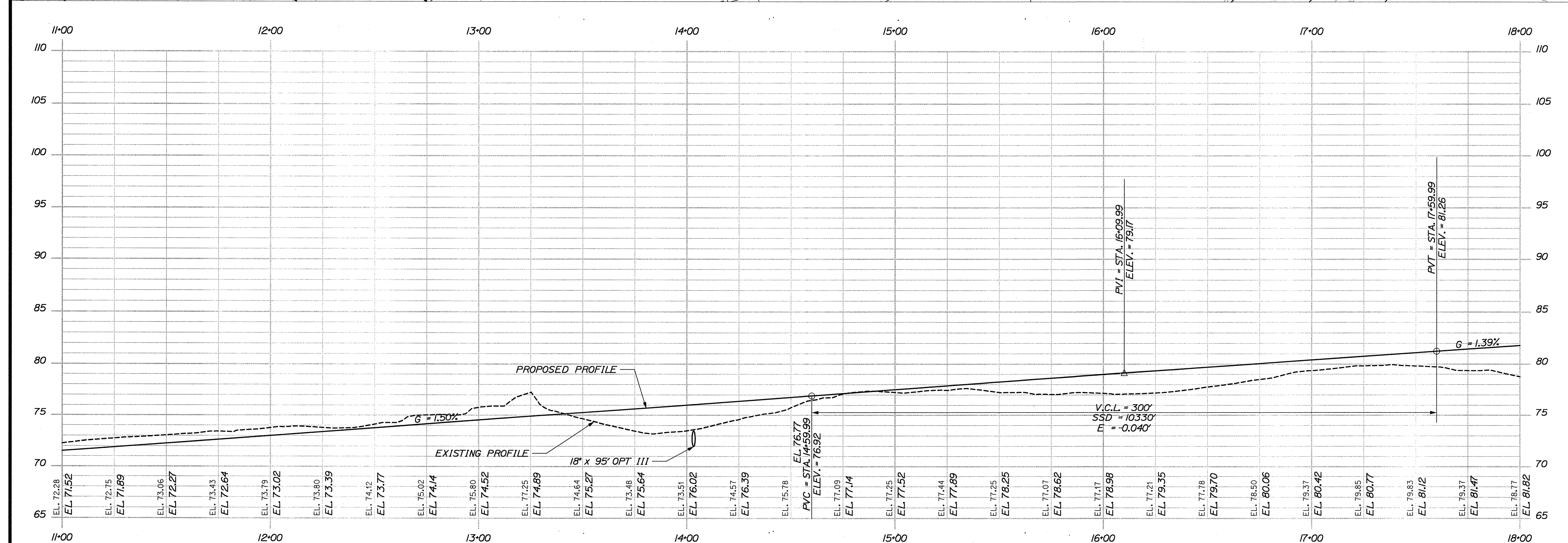
E. GRANULAR BORROW UNDER THE PIPE SHALL MEET THE REQUIREMENTS FOR UNDERWATER BACKFILL

F. ALL WORK NECESSARY TO CONNECT TO EXISTING PIPES AND DRAINAGE STRUCTURES

G. FLOW LINES MAY BE CHANGED BY 1.5 FT

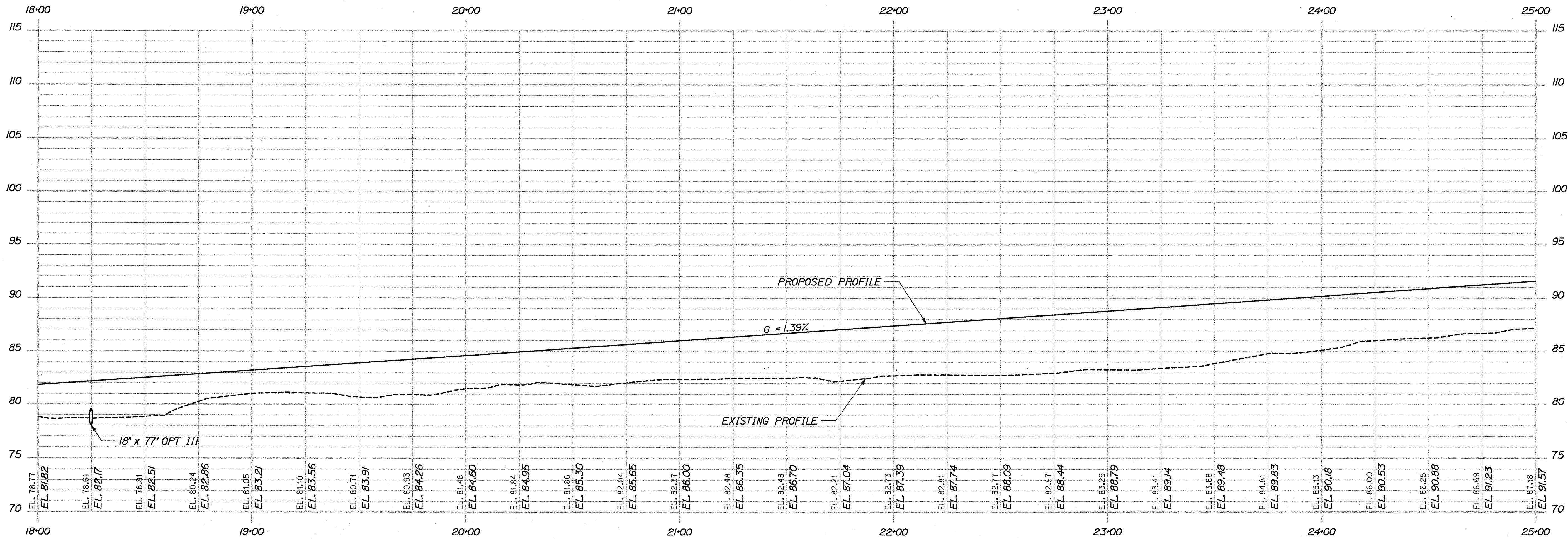
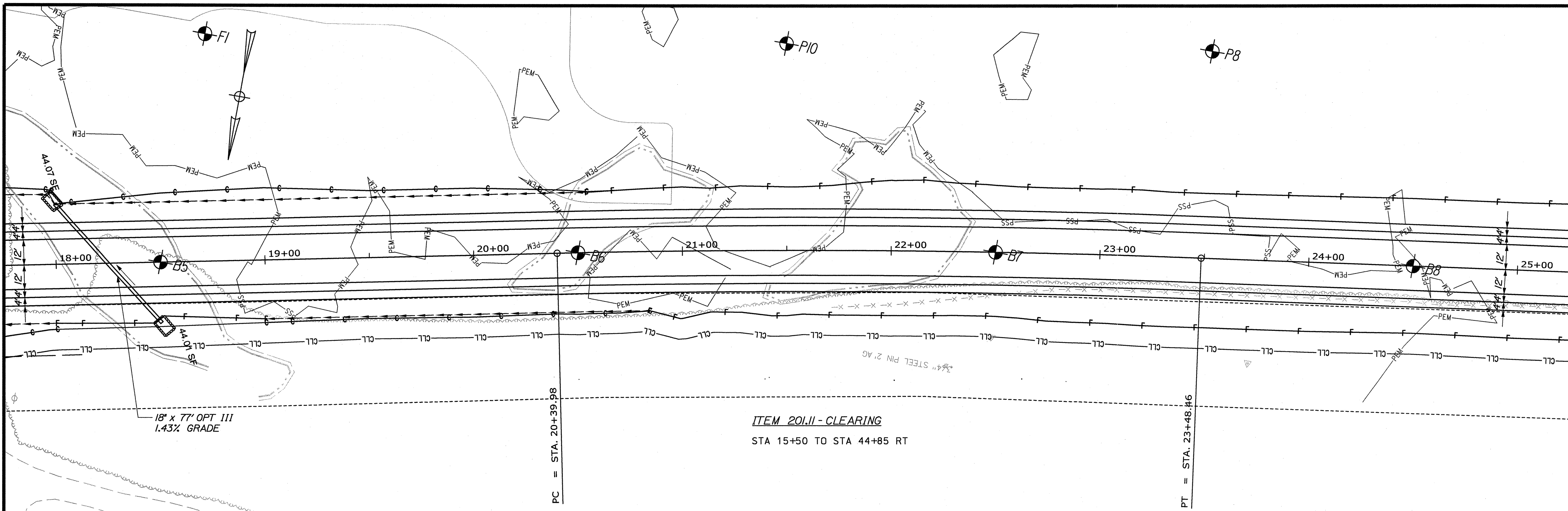
H. ANY NECESSARY CLEARING OF BRUSH AND NON-PAY TREES AT CULVERT ENDS
18. NO EXISTING DRAINAGE SHALL BE ABANDONED,REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
19. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
20. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTHLINED PIPES.
21. 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.
22. ANY NECESSARY CUTTING OF EXISTING CATCH BASINS TO ALLOW FOR PROPOSED PIPE CONNECTIONS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 603 OR 605.
23. ALL UNDERDRAIN NOT SHOWN ON THE CROSS SECTIONS WILL HAVE A FLOW LINE OF 5.5 FEET BELOW FINISH GRADE DIRECTLY ABOVE THE UNDERDRAIN AND UNDERDRAIN SAND BACKFILL PLACED TO AN ELEVATION EQUAL TO THE BOTTOM OF THE NEW GRAVEL LAYER. ALL UNDERDRAIN SHOWN ON THE CROSS SECTIONS WILL HAVE THE FLOW LINE SCALED FROM THE CROSS SECTIONS. ALL FLOW LINE ELEVATIONS ARE SUBJECT TO APPROVAL BY THE RESIDENT.
24. ALL CONNECTIONS FOR UNDERDRAIN (U.D.) TO ROADWAY CULVERTS WILL BE INCIDENTAL TO U.D.PIPE ITEMS.
25. A 3 FT. X 3 FT. SQUARE RIPRAP PAD SHALL BE CONSTRUCTED AT U.D.OUTLETS.
26. ALL CATCH BASINS TYPE A PLACED ON CIRCULAR CURB TYPE I SHALL HAVE THE CURB INLET CUT THE SAME RADIUS AS ADJACENT CIRCULAR CURB. PAYMENT SHALL BE INCIDENTAL TO ITEM 604.
27. LOAM HAS BEEN ESTIMATED FOR ALL DISTURBED SOIL AREAS AND INSLANDS. ACTUAL PLACEMENT OF THE LOAM SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.
28. UNLESS OTHERWISE NOTED SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL DISTURBED SOIL AREAS AND ISLANDS.
29. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 2 INCHES IN ALL AREAS UNLESS OTHERWISE NOTED OR DIRECTED.
30. 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
31. THE CONTRACTOR IS RESPONSIBLE FOR THE CAREFUL SIDE STAKING OF EXISTING CENTERLINE AS PER STANDARD SPECIFICATION 105.6.2. SIDE STAKES SHALL BE PLACED SAFELY OUTSIDE OF THE CONSTRUCTION LIMITS AND THE EXISTING CENTERLINE GRADES SHALL BE TRANSFERRED TO THESE STAKES. THESE STAKES AND GRADES WILL BE USED TO LAYOUT CENTERLINE AND DETERMINE NEW CONSTRUCTION FINISH GRADES FROM DIFFERENTIAL ELEVATION SHEETS FURNISHED BY MAINEDOT. ALL LAYOUT,STAKES,AND GRADES WILL BE CHECKED AND MUST BE ACCEPTABLE TO THE RESIDENT.
32. 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.
33. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
34. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.
35. STATIONS REFERENCED ARE APPROXIMATE.
36. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION & SEDIMENTATION CONTROL,FEBRUARY,2008.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE		DATE
		P.E. NUMBER		DATE
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		GENERAL NOTES		
SHEET NUMBER				
C-4		OF 63		
		HIGHWAY PLANS PIN 16123.50		



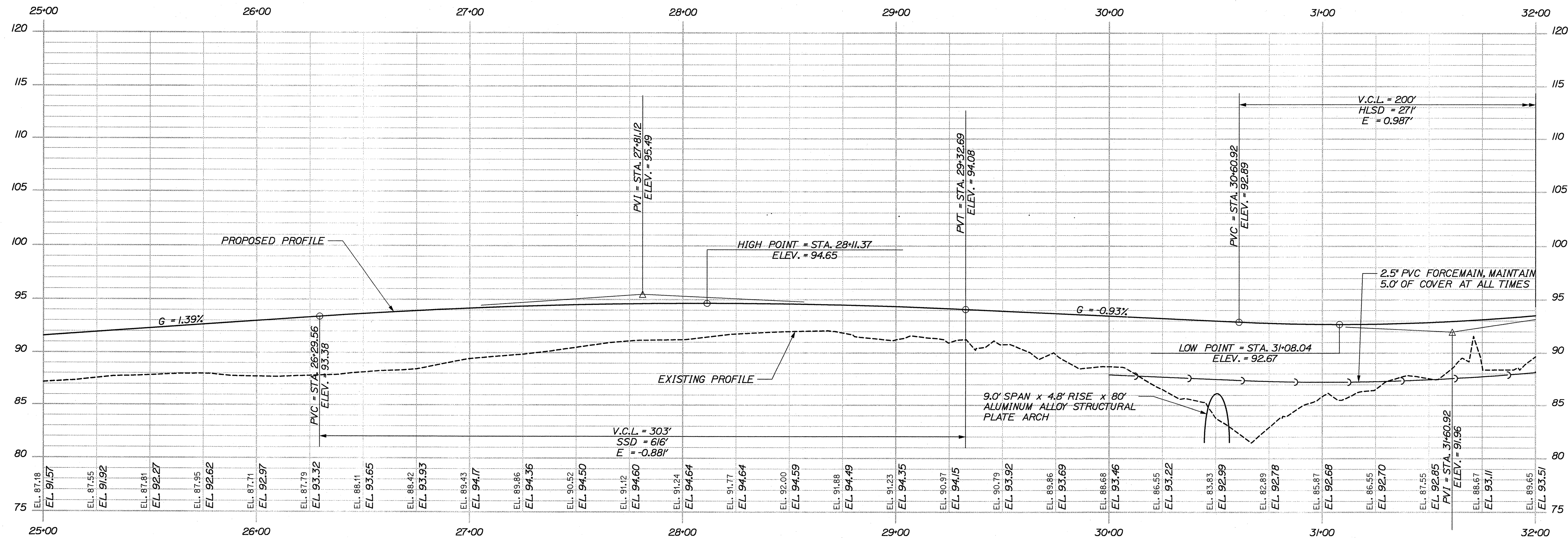
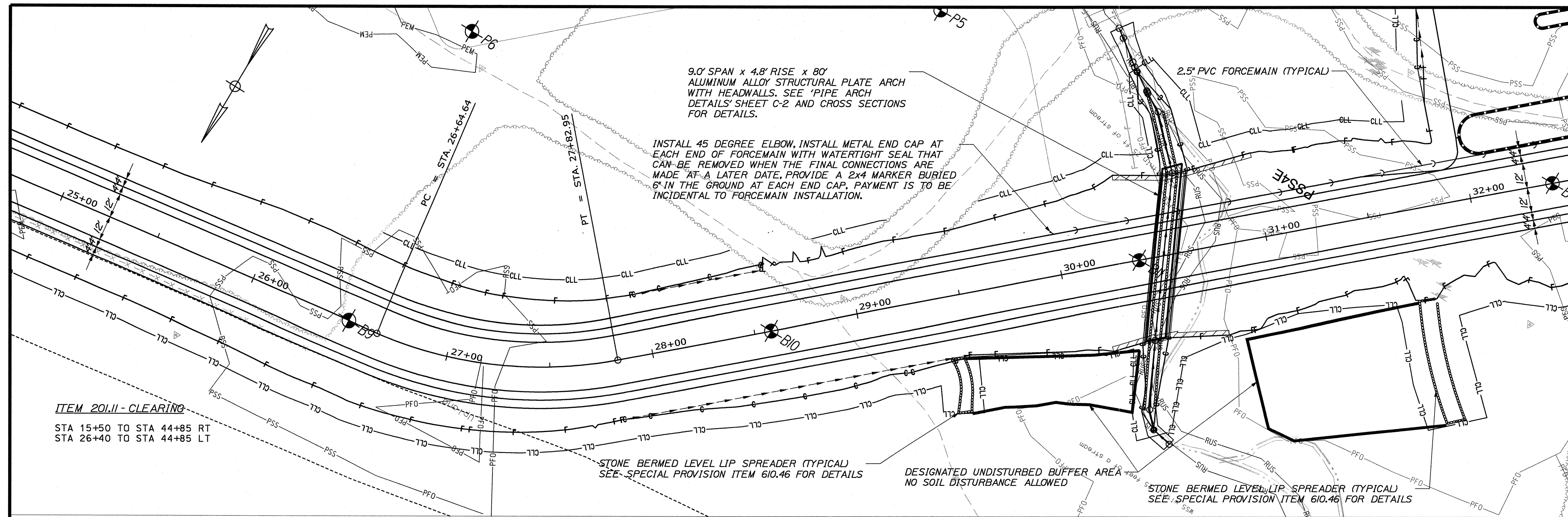
ACADIA GATEWAY FACILITY PROFILE

STA. 11+00.00 TO STA. 18+00.00



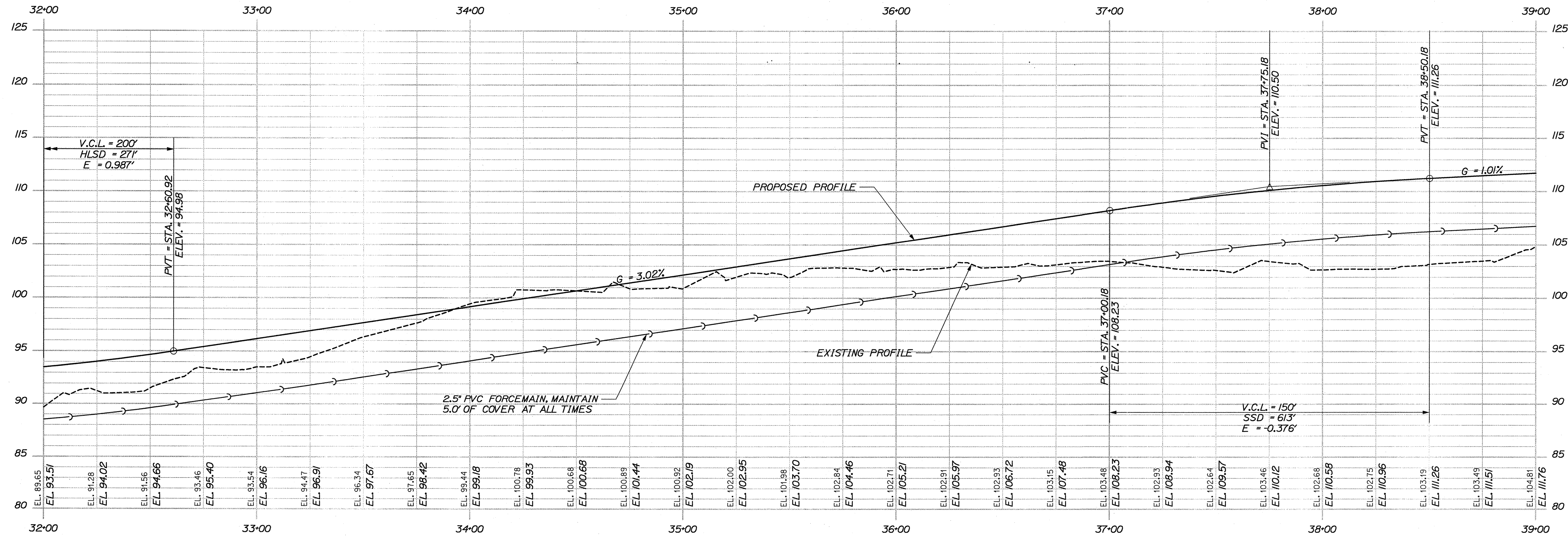
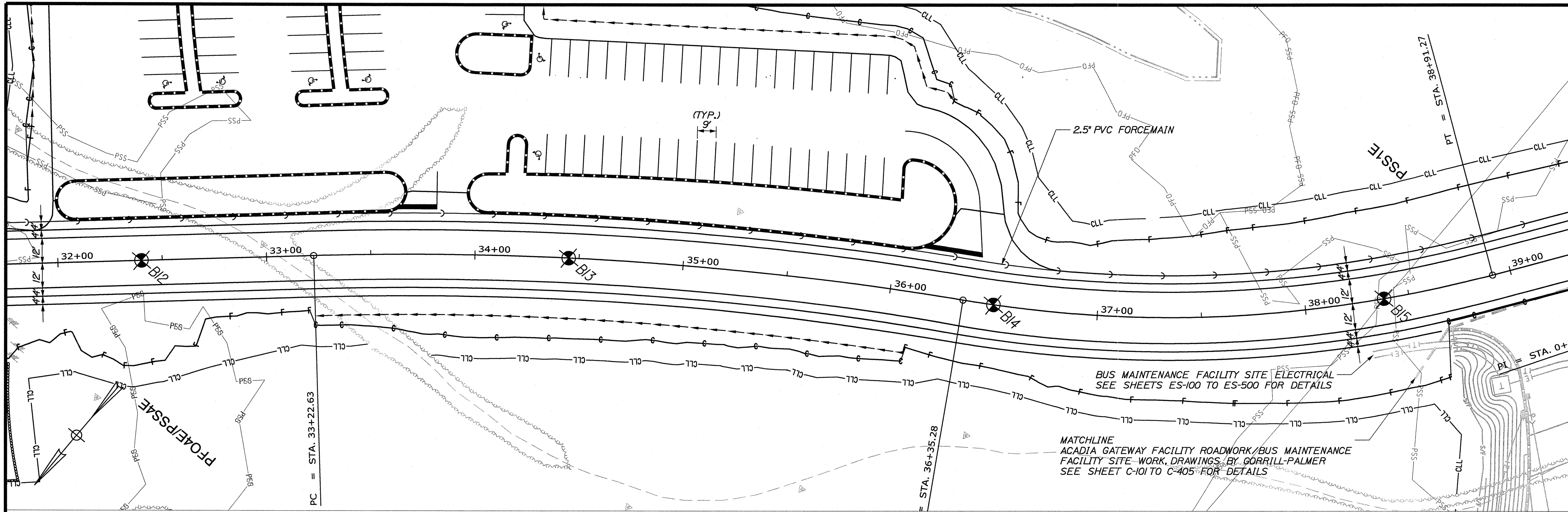
ACADIA GATEWAY FACILITY PROFILE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PIN 16123.50 HIGHWAY PLANS	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		PLANS	
SHEET NUMBER C-6 OF 63		DATE 05-28-09	
PROJ. MANAGER J. KITREDE		BY J. COFFIN	
CHECKED-REVIEWED J. COFFIN		SIGNATURE	
DESIGN-REVIEWED J. COFFIN		P.E. NUMBER	
DESIGN-REVIEWED J. COFFIN		DATE	
REVISIONS 1 60% REVIEW - JAN 2009 01-08-09		DATE	
REVISIONS 2 90% REVIEW - FEB 2009 02-12-09		DATE	
REVISIONS 3 ISSUED FOR BID		DATE	
REVISIONS 4 FIELD CHANGES		DATE	



ACADIA GATEWAY FACILITY PROFILE

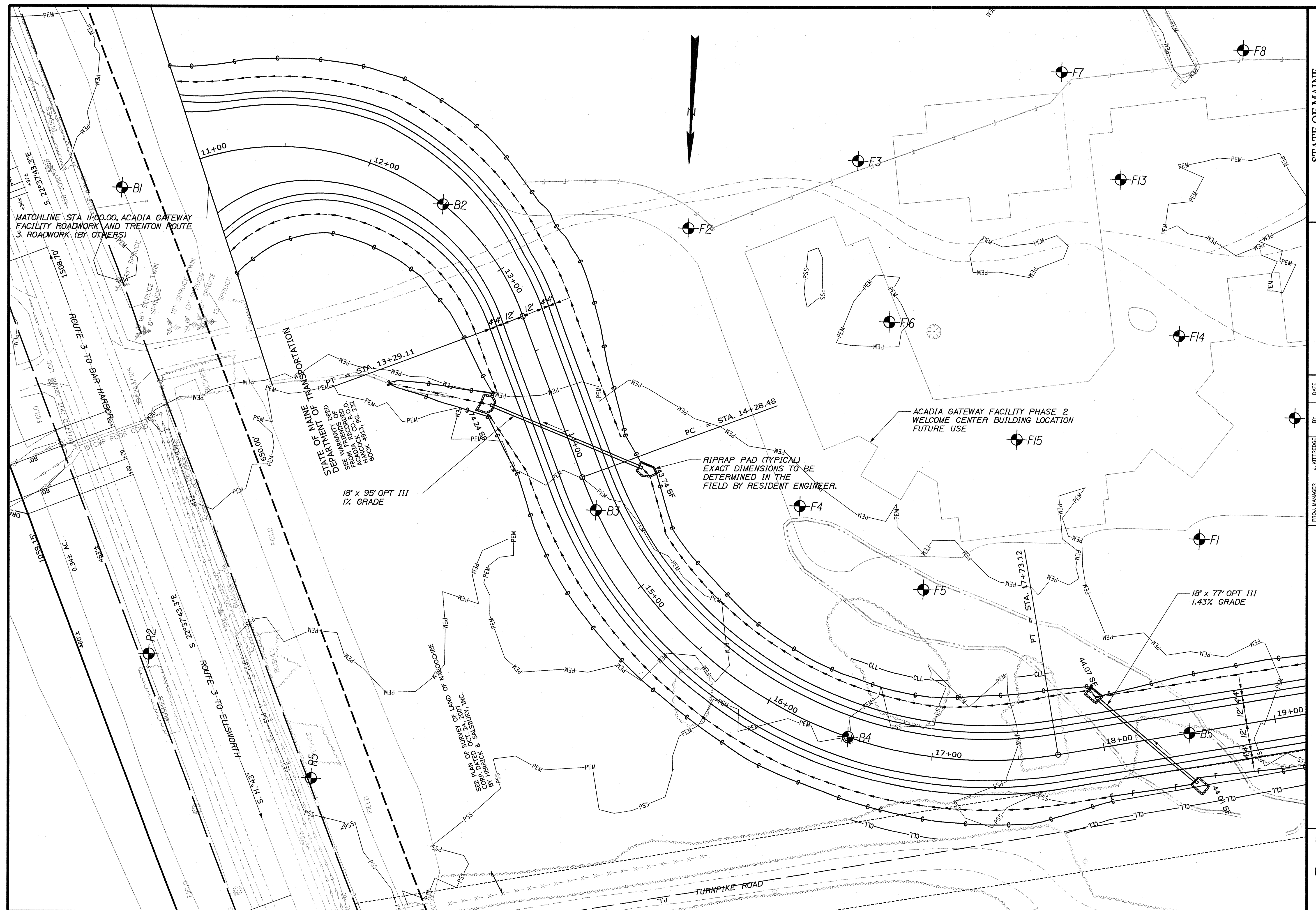
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ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		PLANS		SHEET NUMBER C-7	
OF 63		STA. 25+00.00 TO STA. 32+00.00			
PROJ. MANAGER	J. KITTREDGE	BY	J. COFFIN	SIGNATURE	
CHECKED-REVIEWED	J. COFFIN	DATE		P.E. NUMBER	
DESIGN-DETAILS	J. COFFIN	DATE		DATE	
REVISIONS 1	60% REVIEW - JAN 2009	01-08-09			
REVISIONS 2	90% REVIEW - FEB 2009	02-12-09			
REVISIONS 3	ISSUED FOR BD	05-28-09			
REVISIONS 4	FIELD CHANGES				

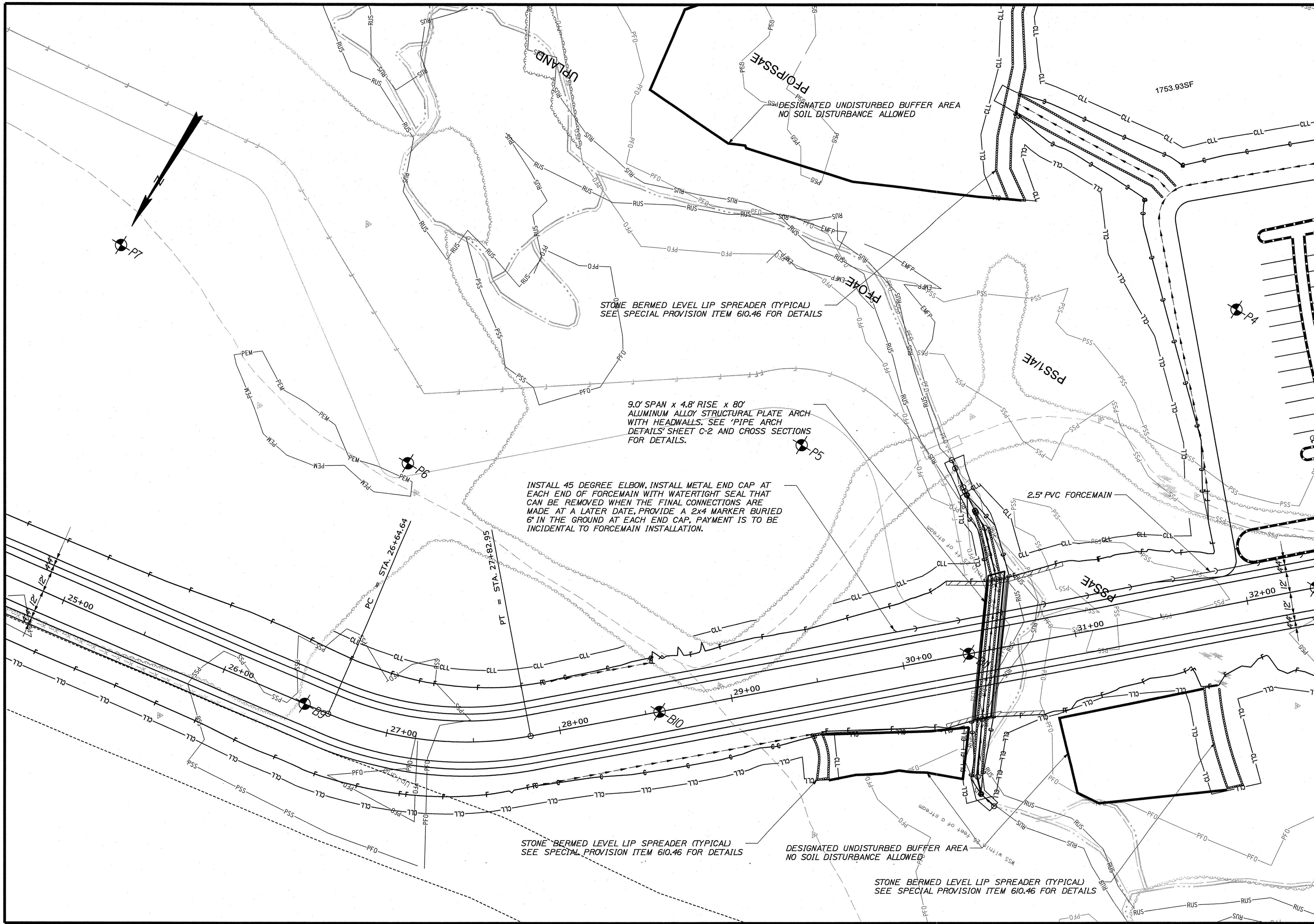


ACADIA GATEWAY FACILITY PROFILE

STA. 32+00.00 TO STA. 39+00.00

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PIN 16123.50		HIGHWAY PLANS	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		PLANS		SHEET NUMBER C-8 OF 63	
PROJ. MANAGER J. KITTEDGE	CHECKED-REVIEWED J. COFFIN	DESIGNED-DETAILED J. COFFIN	DESIGNED-DETAILED J. COFFIN	SIGNATURE	DATE
REVISIONS 1 60% REVIEW - JAN 2009 01-08-09	REVISIONS 2 90% REVIEW - FEB 2009 02-12-09	REVISIONS 3 ISSUED FOR 80	REVISIONS 4 FIELD CHANGES	P.E. NUMBER	DATE

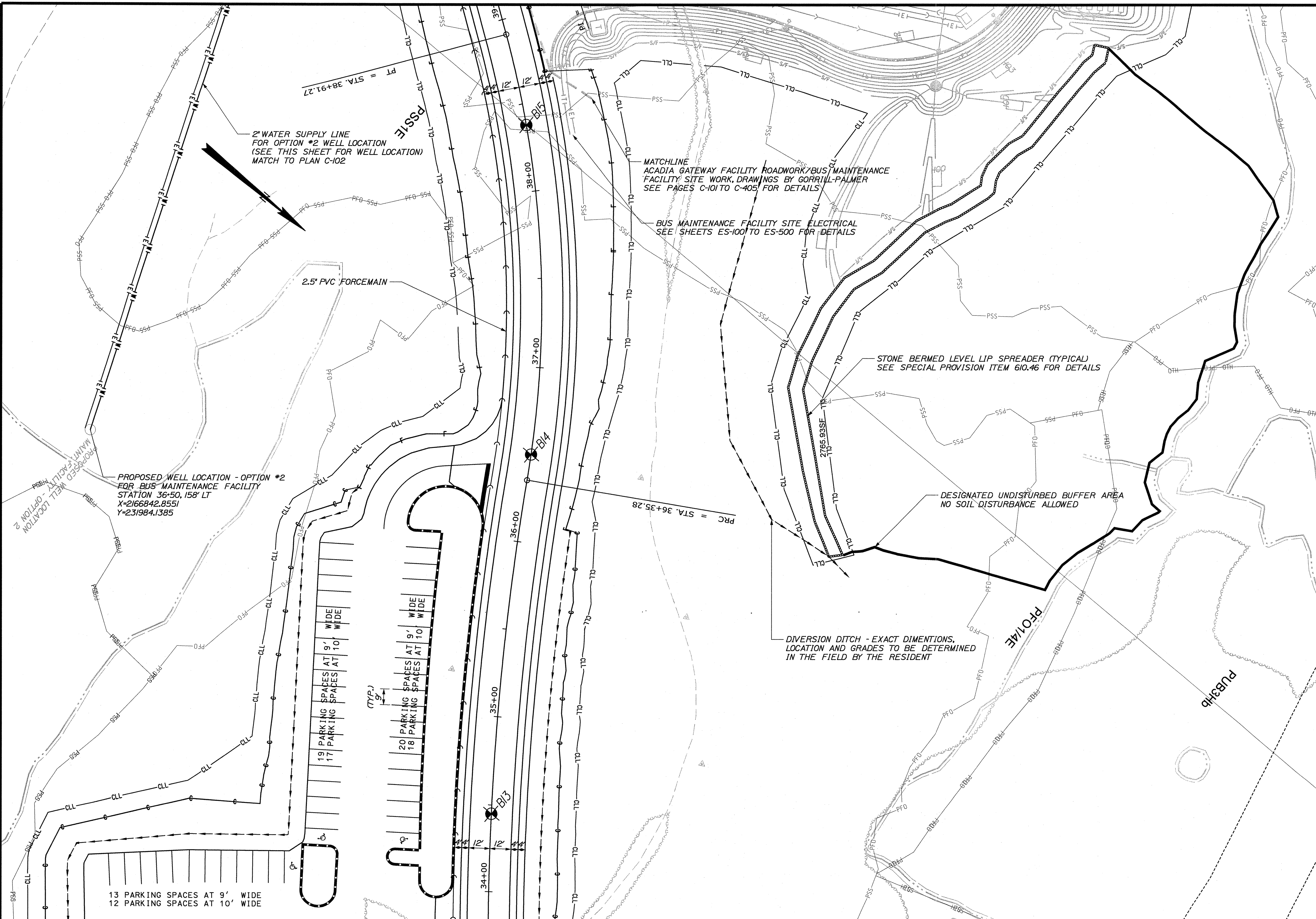




STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PIN 16123.50		HIGHWAY PLANS	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		PLANS		SHEET NUMBER C-12 OF 63	
PROJECT MANAGER J. KITREGE	CHECKED-REVIEWED J. COFFIN	DATE JAN 2009	BY J. COFFIN	SIGNATURE	P.E. NUMBER
DESIGN-DETAILED DESIGN-REVIEWED DESIGN-DETAILED2 DESIGN-DETAILED3	DESIGN-REVIEWED DESIGN-REVIEWED DESIGN-REVIEWED DESIGN-REVIEWED	60% REVIEW 90% REVIEW ISSUED FOR BID FIELD CHANGES	JAN 2009 JAN 2009 FEB 2009 FEB 2009		
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	DATE	



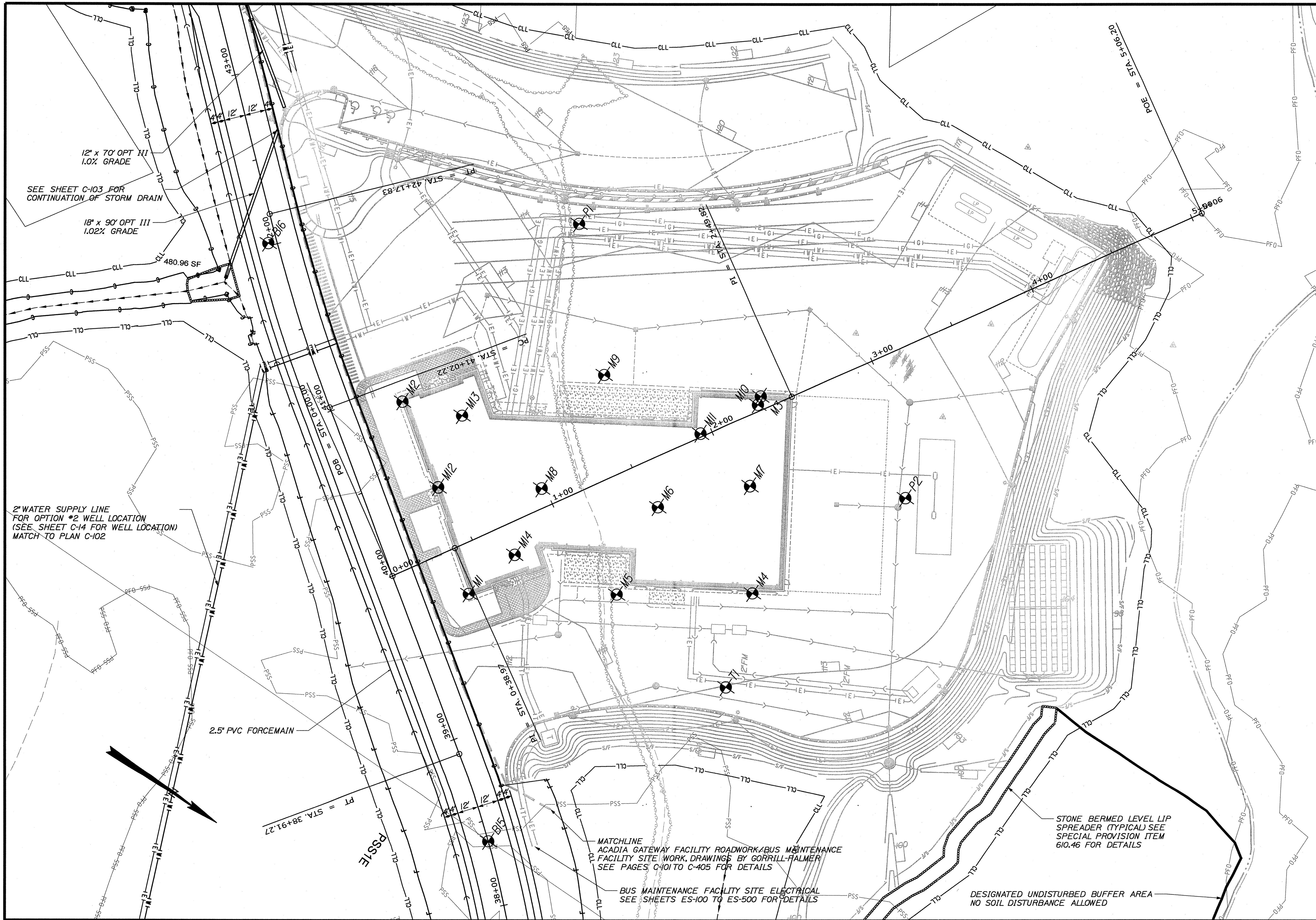
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SHEET NUMBER
C-14
OF 63

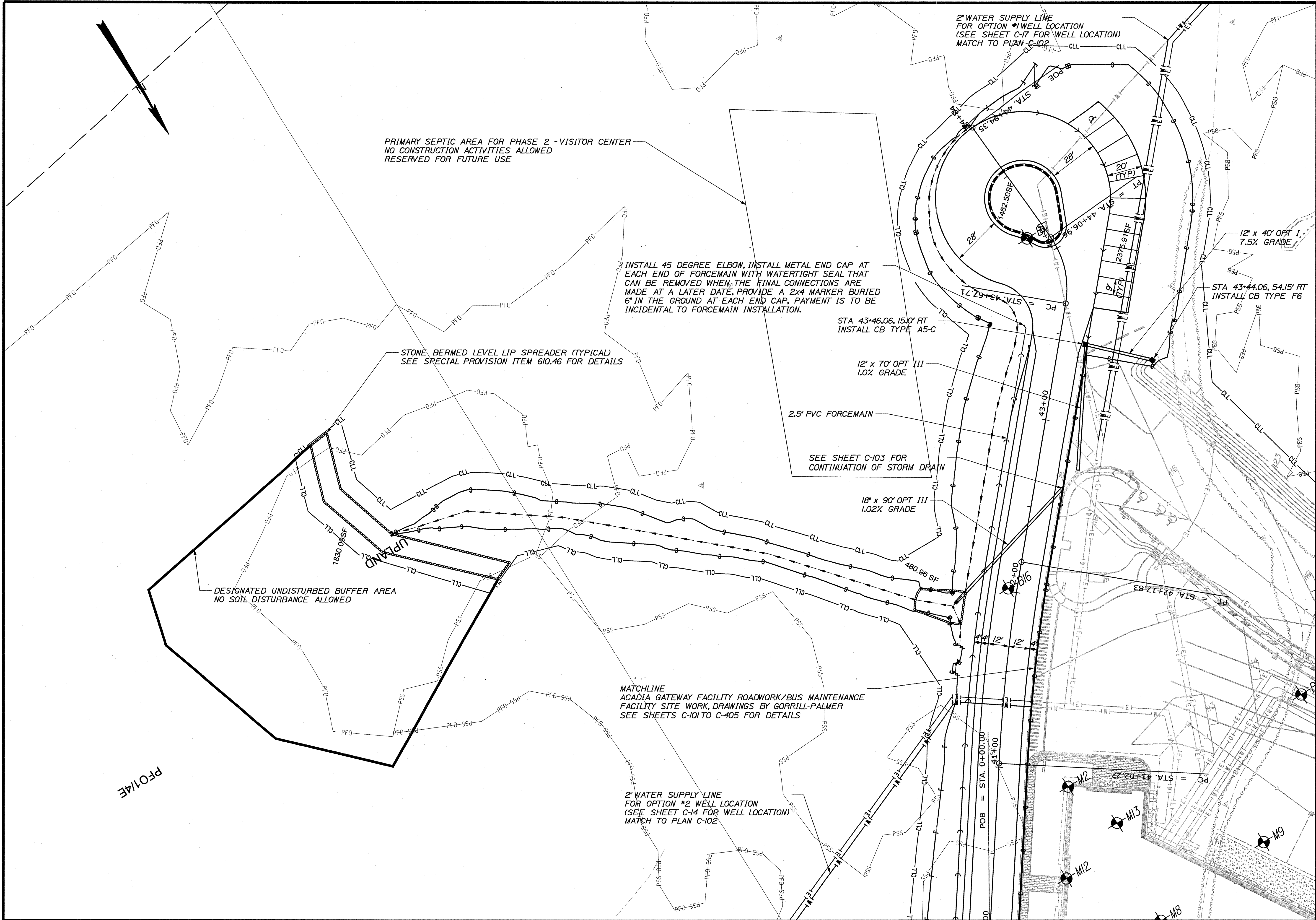
STA. 34+00.00 TO STA. 38+00.00

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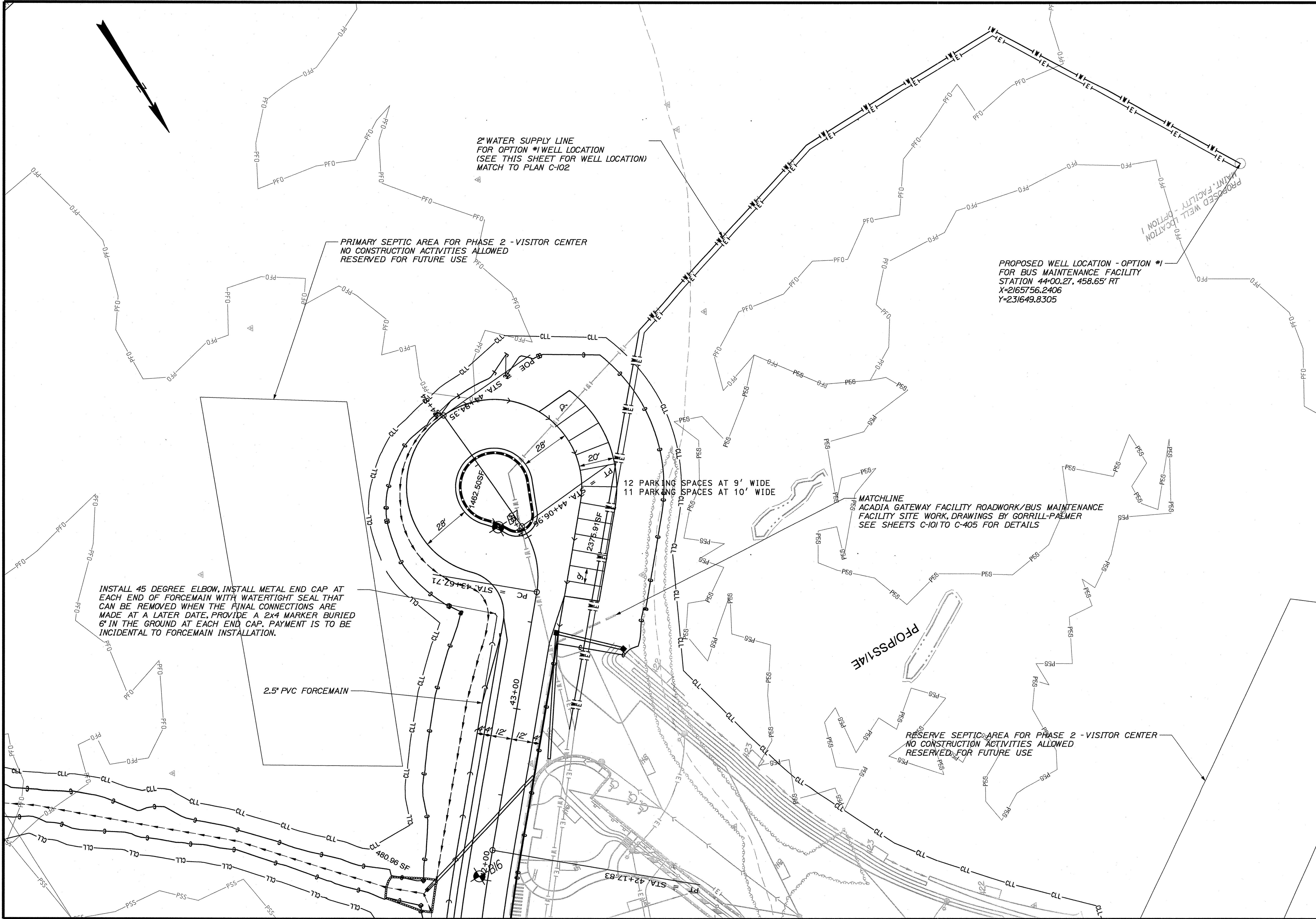


STA. 38+00.00 TO STA. 43+00.00

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PIN 16123.50		HIGHWAY PLANS	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		PLANS		SHEET NUMBER C-15 OF 63	
PROJ. MANAGER J. KITREDE	DESIGN-DETAILED J. COFFIN	CHECKED-REVIEWED J. COFFIN	DATE JAN 2009	SIGNATURE J. COFFIN	P.E. NUMBER 01-08-09
DESIGN-DETAILED J. COFFIN	DESIGN-DETAILED J. COFFIN	DESIGN-DETAILED J. COFFIN	DATE JAN 2009	SIGNATURE J. COFFIN	P.E. NUMBER 01-08-09
REVISIONS 1	60% REVIEW	JAN 2009	01-08-09	DATE	
REVISIONS 2	90% REVIEW	FEB 2009	02-12-09	DATE	
REVISIONS 3	ISSUED FOR BID		05-28-09	DATE	
REVISIONS 4	FIELD CHANGES			DATE	



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PIN 16123.50		HIGHWAY PLANS	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		PLANS		SHEET NUMBER C-16 OF 63	
PROJ. MANAGER J. KITTRIDGE	DATE 01-08-09	BY J. COFFIN	SIGNATURE J. COFFIN	P.E. NUMBER 05-28-09	DATE 05-28-09
DESIGN-DETAILED J. COFFIN	DESIGN-DETAILED J. COFFIN	DESIGN-DETAILED J. COFFIN	DESIGN-DETAILED J. COFFIN	DESIGN-DETAILED J. COFFIN	DESIGN-DETAILED J. COFFIN
REVISIONS 1 60% REVIEW - JAN 2009	REVISIONS 2 90% REVIEW - FEB 2009	REVISIONS 3 ISSUED FOR BID	REVISIONS 4 FIELD CHANGES	REVISIONS 5 FIELD CHANGES	REVISIONS 6 FIELD CHANGES



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PIN 16123.50		HIGHWAY PLANS	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		PLANS		SHEET NUMBER C-17 OF 63	
STA. 42+00.00 TO STA. 44+84.35		DATE		SIGNATURE	
BY		P.E. NUMBER		DATE	
J. COFFIN		JAN 2009 01-08-09		05-28-09	
J. COFFIN		FEB 2009 02-12-09		05-28-09	
J. COFFIN		ISSUED FOR BD		05-28-09	
J. COFFIN		FIELD CHANGES		05-28-09	

CURVE DATA						
DAB REPORT FOR COMMUTER LOT CURB 1						
Point Type	Point Number	Station	Northing	Easting	Radius	Length
POB	40	0+00.00	232421.82	2167068.23		
PC	41	1+48.84	232322.77	2166957.14	10.00 RT	148.84
PT	42	1+80.26	232337.7	2166943.83		
PC	43	3+29.10	232436.75	2167054.92	10.00 RT	31.42
PT	40	3+60.51	232421.82	2167068.23		

CURVE DATA						
DAB REPORT FOR COMMUTER LOT CURB 2						
Point Type	Point Number	Station	Northing	Easting	Radius	Length
POB	1	0+00.00	232350.56	2167048.72		
PC	2	0+14.92	232340.63	2167037.58	4.00 RT	12.57
PT	4	0+27.49	232346.6	2167032.26		
PC	5	0+64.49	232371.23	2167059.88	4.00 RT	12.57
PT	7	0+77.05	232365.26	2167065.2		
PC	8	0+91.09	232355.92	2167054.73		
PT	11	2+10.35	232267.1	2167133.92	522.90 RT	119.26
PC	14	2+25.27	232277.03	2167145.06	4.00 RT	12.57
PT	16	2+37.84	232271.06	2167150.38		
PC	17	2+74.84	232246.43	2167122.77	4.00 RT	12.57
PT	19	2+87.40	232252.41	2167117.44		
PC	20	3+01.44	232261.75	2167127.92		
PT	1	4+20.71	232350.56	2167048.72	514.90 RT	119.27

CURVE DATA						
DAB REPORT FOR COMMUTER LOT CURB 3						
Point Type	Point Number	Station	Northing	Easting	Radius	Length
POB	21	0+00.00	232304.21	2166995.49		
PC	22	0+14.92	232294.28	2166984.35	4.00 RT	12.57
PT	24	0+27.49	232300.25	2166979.03		
PC	25	0+64.49	232324.87	2167006.65	4.00 RT	12.57
PT	27	0+77.05	232318.9	2167011.97		
PC	28	0+91.09	232309.56	2167001.49	593.90 RT	120.16
PT	30	2+11.25	232219.96	2167081.24		
PC	33	2+26.17	232229.53	2167092.7	4.00 RT	12.57
PT	35	2+38.73	232223.39	2167097.82		
PC	36	2+75.73	232199.67	2167069.43	4.00 RT	12.57
PT	38	2+88.30	232205.81	2167064.3		
PC	39	3+02.34	232214.81	2167075.07		
PT	21	4+22.24	232304.21	2166995.49	585.90 RT	119.90

GEOMETRICS						
STATION AND OFFSET FOR CURVE CENTERS FROM MC30						
Offset Point	Baseline Station	Offset	Northing	Easting	Radius	
R1	32+09.50	30.00	LT 232429.29	2167061.58	10.00 FT	
R2	33+57.67	30.39	LT 232330.23	2166950.48	10.00 FT	
R3	32+49.40	76.20	LT 232368.24	2167062.54	4.00 FT	
R4	32+86.40	76.20	LT 232343.62	2167034.92	4.00 FT	
R5	32+48.51	203.20	LT 232274.04	2167147.72	4.00 FT	
R6	32+85.51	203.20	LT 232249.42	2167120.10	4.00 FT	
R7	33+19.98	75.38	LT 232321.89	2167009.31	4.00 FT	
R8	33+55.43	75.73	LT 232297.27	2166981.69	4.00 FT	
R9	33+19.33	203.81	LT 232226.46	2167095.26	4.00 FT	
R10	33+52.52	202.93	LT 232202.74	2167066.86	4.00 FT	
R11	34+05.51	30.00	LT 232299.46	2166912.68	10.00 FT	
R12	34+18.78	53.69	LT 232272.45	2166916.78	5.01 FT	
R13	36+03.98	41.91	LT 232172.85	2166753.82	21.92 FT	
R14	36+02.37	58.75	LT 232159.39	2166764.07	5.00 FT	
R15	34+19.02	91.24	LT 232242.81	2166939.84	4.00 FT	
R16	33+99.23	96.98	LT 232251.41	2166959.79	9.11 FT	

CURVE DATA						
DAB REPORT FOR COMMUTER LOT CURB 4						
Point Type	Point Number	Station	Northing	Easting	Radius	Length
PC	44	0+00.00	232291.66	2166918.94	1595.19 RT	8.28
PT	45	0+08.28	232286.36	2166912.58		
PC	46	0+21.71	232275.63	2166920.65		13.43
PT	47	0+37.43	232269.27	2166912.92	5.00 RT	15.72
PC	48	0+50.86	232280	2166904.85		13.43
PT	49	2+30.97	232174.04	2166759.32	1595.19 RT	180.12
PC	50	2+45.54	232162.4	2166768.07		14.57
PCC	51	2+53.36	232155.42	2166767.1	5.00 RT	7.82
PRC	52	3+23.85	232191.22	2166741.86	21.92 RT	70.49
PRC	53	5+25.34	232307.26	2166906.42	1620.00 LT	201.49
PT	44	5+56.75	232291.66	2166918.94	10.00 RT	31.42

CURVE DATA						
DAB REPORT FOR COMMUTER LOT CURB 13						
Point Type	Point Number	Station	Northing	Easting	Radius	Length
POB	54	0+00.00	232228.81	2166945.35		
PC	55	0+14.50	232240.41	2166936.64	4.00 RT	14.50
PT	56	0+20.78	232246.01	2166937.44		6.28
PC	57	0+41.90	232258.69	2166954.32		21.11
PT	58	0+70.40	232244.19	2166965.34	9.11 RT	28.51
POE	54	0+95.62	232228.81	2166945.35		25.22

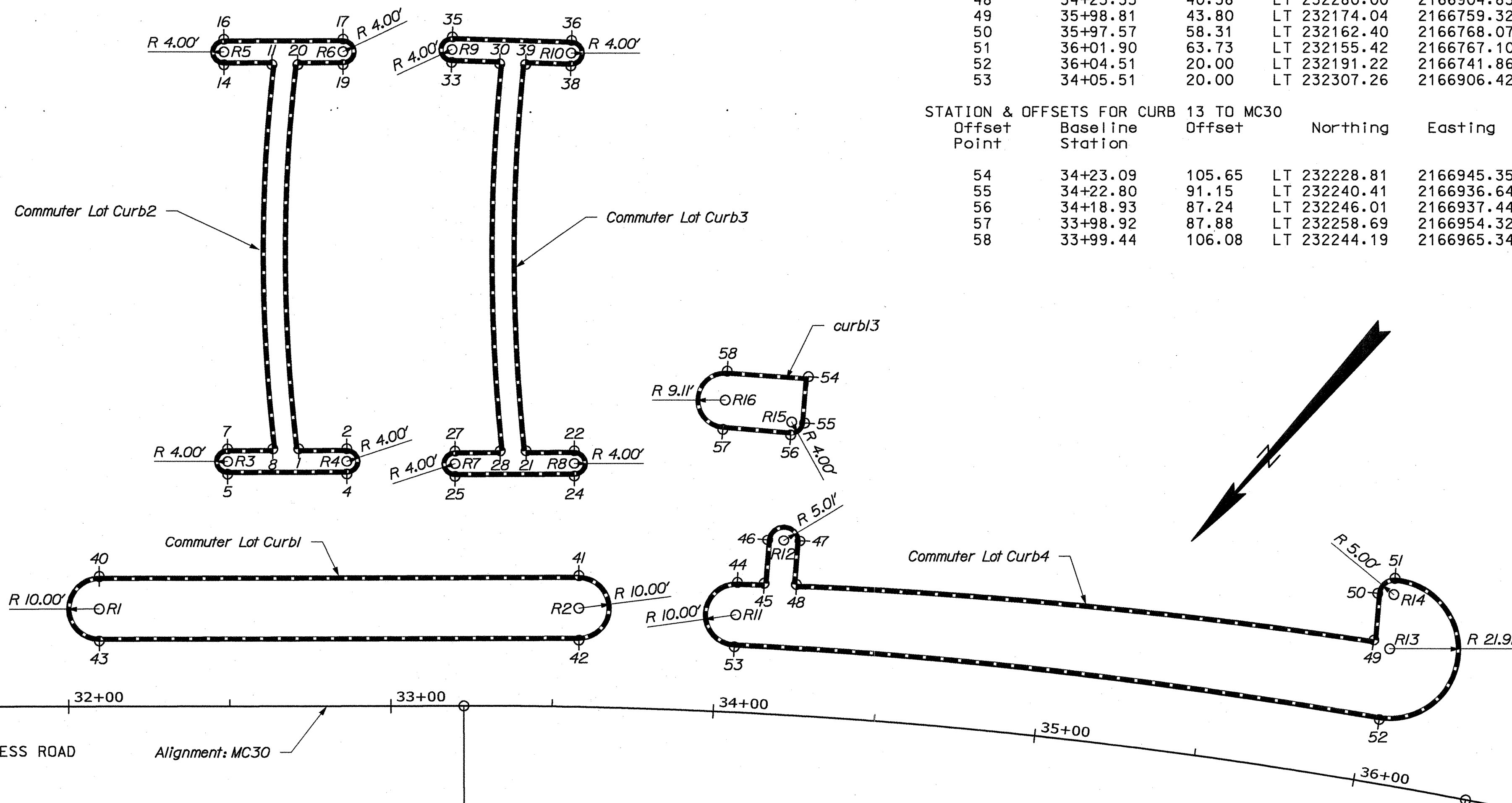
GEOMETRICS				
STATION & OFFSETS FOR COMMUTER LOT CURB 1 TO MC30				
Offset Point	Baseline Station	Offset	Northing	Easting
40	32+09.50	40.00	LT 232421.82	2167068.23
41	33+57.46	40.39	LT 232322.77	2166957.14
42	33+57.89	20.39	LT 232337.70	2166943.83
43	32+09.50	20.00	LT 232436.75	2167054.92

GEOMETRICS				
STATION & OFFSETS FOR COMMUTER LOT CURB 2 TO MC30				
Offset Point	Baseline Station	Offset	Northing	Easting
1	32+71.48	80.20	LT 232350.56	2167048.72
2	32+86.40	80.20	LT 232340.63	2167037.58
4	32+86.40	72.20	LT 232346.60	2167032.26
5	32+49.40	72.20	LT 232371.23	2167059.88
7	32+49.40	80.20	LT 232365.26	2167065.20
8	32+63.44	80.20	LT 232355.91	2167054.72
11	32+63.43	199.20	LT 232267.10	2167133.92
14	32+48.51	199.20	LT 232277.03	2167145.06
16	32+48.51	207.20	LT 232271.06	2167150.38
17	32+85.51	207.20	LT 232246.43	2167122.77
19	32+85.51	199.20	LT 232252.41	2167117.44
20	32+71.47	199.20	LT 232261.75	2167127.92

GEOMETRICS				
STATION & OFFSETS FOR COMMUTER LOT CURB 3 TO MC30				
Offset Point	Baseline Station	Offset	Northing	Easting
21	33+41.14	79.49	LT 232304.21	2166995.49
22	33+55.35	79.73	LT 232294.28	2166984.35
24	33+55.51	71.73	LT 232300.25	2166979.03
25	33+19.98	71.38	LT 232324.87	2167006.65
27	33+19.98	79.38	LT 232318.90	2167011.97
28	33+33.48	79.42	LT 232309.56	2167001.49
30	33+32.84	199.36	LT 232219.96	2167081.24
33	33+19.20	199.81	LT 232229.53	2167092.70
35	33+19.46	207.80	LT 232223.39	2167097.82
36	33+52.57	206.93	LT 232199.67	2167069.43
38	33+52.48	198.93	LT 232205.81	2167064.30
39	33+39.99	199.17	LT 232214.81	2167075.07

GEOMETRICS				
STATION & OFFSETS FOR COMMUTER LOT CURB 4 TO MC30				
Offset Point	Baseline Station	Offset	Northing	Easting
44	34+05.51	40.00	LT 232291.66	2166918.94
45	34+13.59	40.17	LT 232286.36	2166912.58
46	34+13.94	53.59	LT 232275.63	2166920.65
47	34+23.62	53.80	LT 232269.27	2166912.92
48	34+23.35	40.38	LT 232280.00	2166904.85
49	35+98.81	43.80	LT 232174.04	2166759.32
50	35+97.57	58.31	LT 232162.40	2166768.07
51	36+01.90	63.73	LT 232155.42	2166767.10
52	36+04.51	20.00	LT 232191.22	2166741.86
53	34+05.51	20.00	LT 232307.26	2166906.42

GEOMETRICS				
STATION & OFFSETS FOR CURB 13 TO MC30				
Offset Point	Baseline Station	Offset	Northing	Easting
54	34+23.09	105.65	LT 232228.81	2166945.35
55	34+22.80	91.15	LT 232240.41	2166936.64
56	34+18.93	87.24	LT 232246.01	2166937.44
57	33+98.92	87.88	LT 232258.69	2166954.32
58	33+99.44	106.08	LT 232244.19	2166965.34



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJECT NUMBER
16123.50

DATE
05-28-09

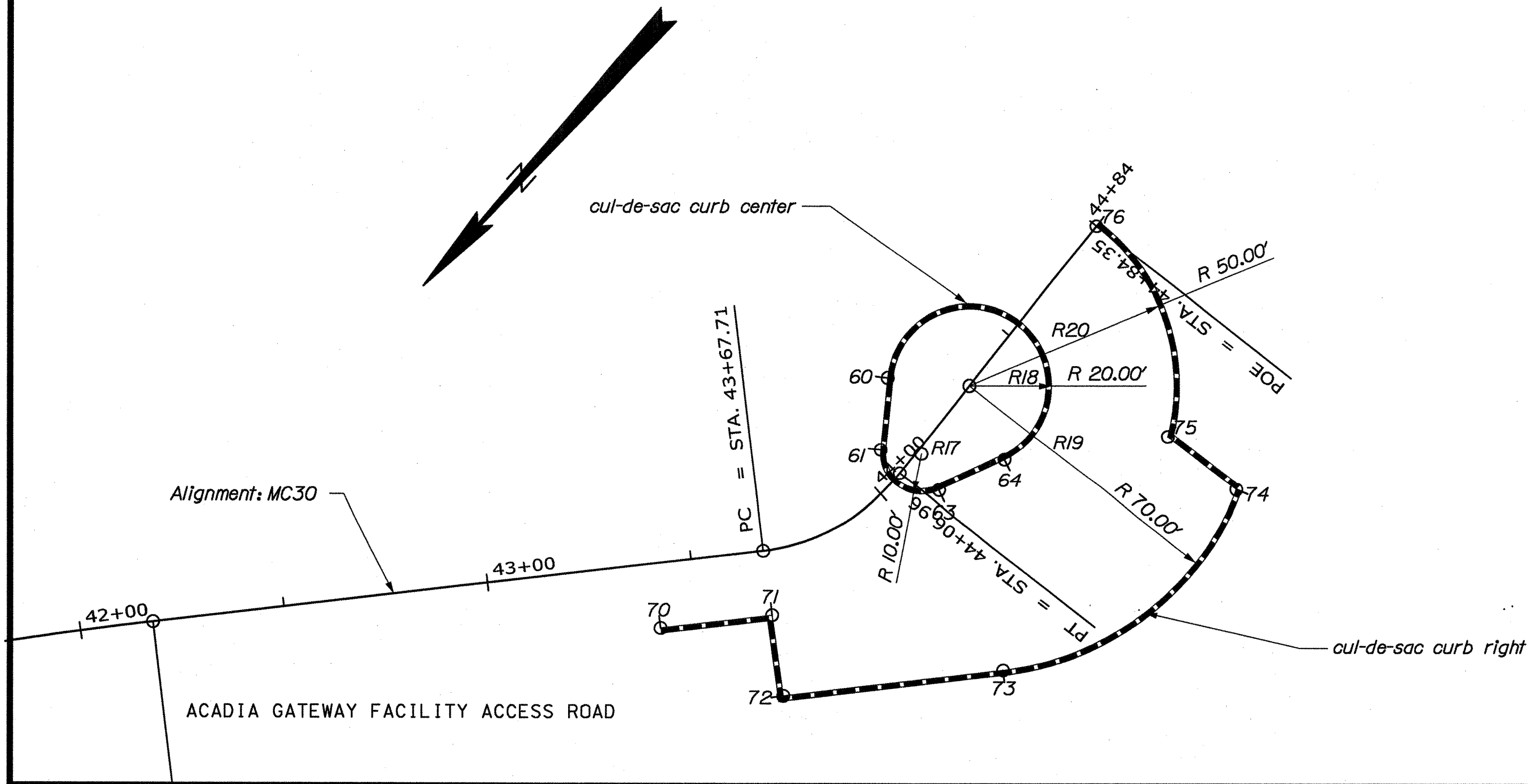
ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

GEOMETRICS AND CURB LAYOUT

SHEET NUMBER
C-18

OF 63

PROJ. MANAGER J. KITTREDGE	CHECKED-REVIEWED J. COFFIN	DESIGN-DETAILED J. COFFIN	DESIGN-DETAILED J. COFFIN	REVISIONS 1 60% REVIEW - JAN 2009 01-08-09	REVISIONS 2 90% REVIEW - FEB 2009 02-12-09	REVISIONS 3 ISSUED FOR BID	REVISIONS 4 FIELD CHANGES
SIGNATURE				P.E. NUMBER			
DATE				DATE			



DAB REPORT FOR CUL-DE-SAC CURB CENTER		CURVE DATA		Radius	Length
Point Type	Point Number	Station	Northing Easting		
POB	60	0+00.00	231592.92 2166231.25	10.00 LT	17.63
PC	61	0+17.63	N 35°57'52" W 231607.19 2166220.89		21.14
PT	63	0+38.77	231605.22 2166203.59		17.71
PC	64	0+56.48	S 22°55'59" W 231588.9 2166196.69	20.00 LT	83.47
PT	60	1+39.95	231592.92 2166231.25		
DAB REPORT FOR CUL-DE-SAC CURB RIGHT		Station	Northing Easting	Radius	Length
Point Type	Point Number				
POB	70	0+00.00	231675.48 2166232.14	70.00 LT	27.4021
PI	71	0+27.40	S 41°39'12" W 231655.01 2166213.92		20.0049
PI	72	0+47.41	N 49°27'04" W 231668.02 2166198.72		54.0429
PC	73	1+01.45	S 41°39'16" W 231627.64 2166162.81	50.00 LT	75.5390
PT	74	1+76.99	231556.97 2166149.40		21.3079
PC	75	1+98.30	N 86°44'33" E 231558.18 2166170.67	50.00 LT	57.6249
PT	76	2+55.92	231531.20 2166218.01		

STATION & OFFSETS FOR CUL-DE-SAC CURB CENTER FROM MC30				
Offset Point	Baseline Station	Offset	Northing	Easting
60	44+23.50	16.80	LT 231592.92	2166231.25
61	44+08.65	7.29	LT 231607.19	2166220.89
63	44+09.62	10.10	RT 231605.22	2166203.59
64	44+25.51	17.94	RT 231588.90	2166196.69
60	44+23.50	16.80	LT 231592.92	2166231.25

STATION & OFFSETS FOR CUL-DE-SAC CURB RIGHT FROM MC30				
Offset Point	Baseline Station	Offset	Northing	Easting
70	43+40.59	16.00	RT 231675.48	2166232.14
71	43+67.93	16.00	RT 231655.01	2166213.92
72	43+68.10	36.00	RT 231668.02	2166198.72
73	43+96.04	51.93	RT 231627.64	2166162.81
74	44+54.64	67.00	RT 231556.97	2166149.40
75	44+54.67	45.69	RT 231558.18	2166170.67
76	44+84.35	0.00	231531.20	2166218.01

STATION & OFFSETS FOR CURVE CENTERS FROM MC30				
Offset Point	Baseline Station	Offset	Northing	Easting Radius
R17	44+14.05	1.13	RT 231601.32	2166212.80 10.00 FT
R18	44+34.36	0.00	231581.11	2166215.11 20.00 FT
R19	44+34.35	0.00	231581.11	2166215.11 70.00 FT
R20	44+34.36	0.00	231581.11	2166215.11 50.00 FT

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

SHEET NUMBER
C-19
OF 63

GEOMETRICS AND CURB LAYOUT

OF 63

DATE: 01-08-09
BY: J. COFFIN
J. KITTREDGE

PROJ. MANAGER: J. KITTREDGE
CHECKED-REVIEWED: J. COFFIN
DESIGN-REVIEWED: J. COFFIN
DESIGN-REVIEWED: J. COFFIN
DESIGN-REVIEWED: J. COFFIN

REVISIONS 1: 60% REVIEW - JAN 2009
REVISIONS 2: 80% REVIEW - FEB 2009
REVISIONS 3: 90% REVIEW - FEB 2009
REVISIONS 4: ISSUED FOR BID
FIELD CHANGES

SIGNATURE: _____
P.E. NUMBER: _____
DATE: 05-28-09

PIN
16123.50

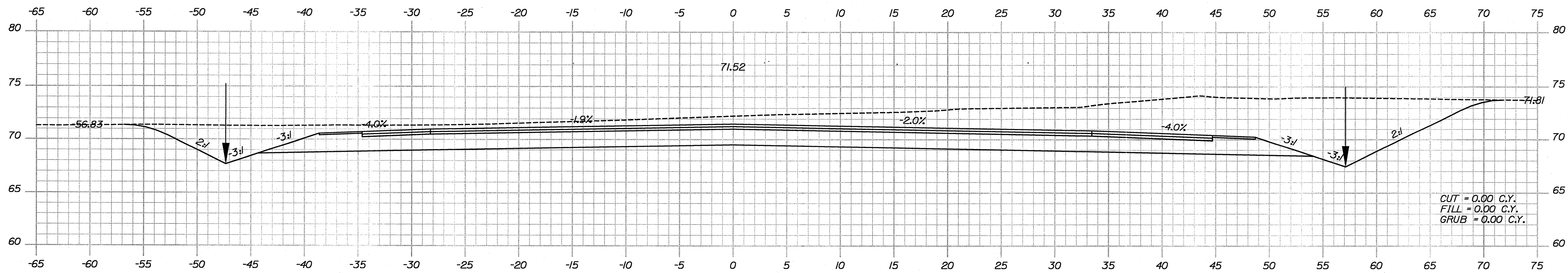
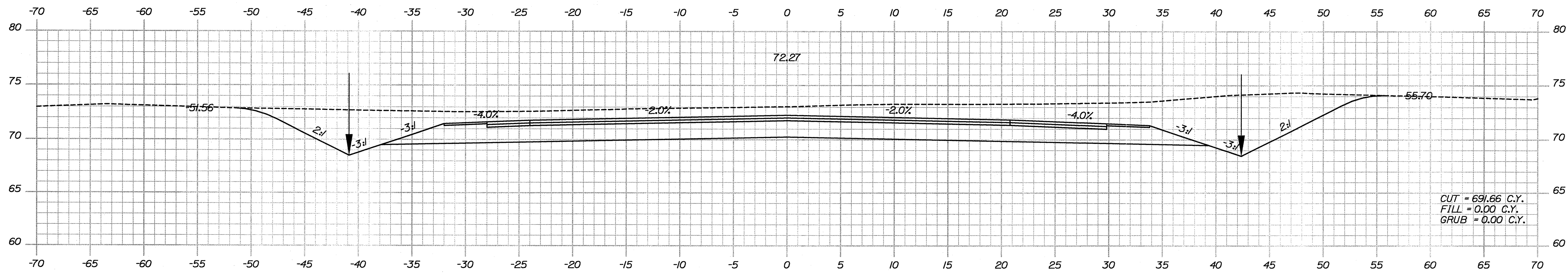
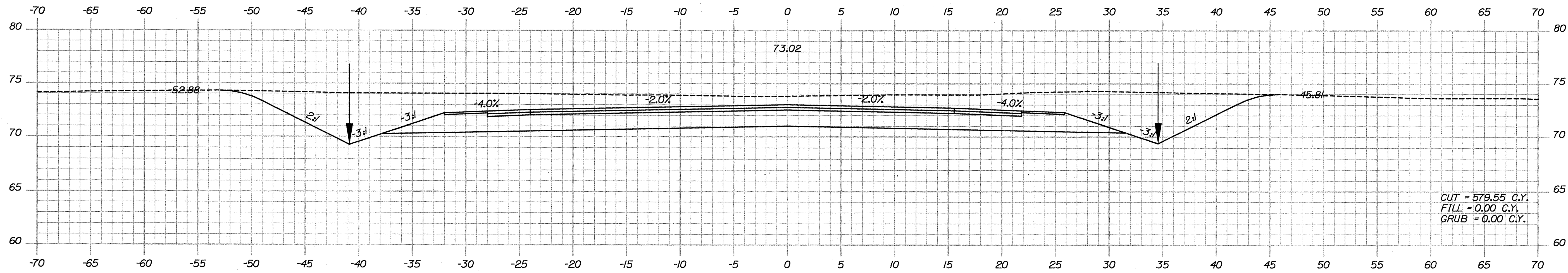
HIGHWAY PLANS

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Username: Jeffrey.Velieux

Division: HIGHWAY

Date: 9/10/2009

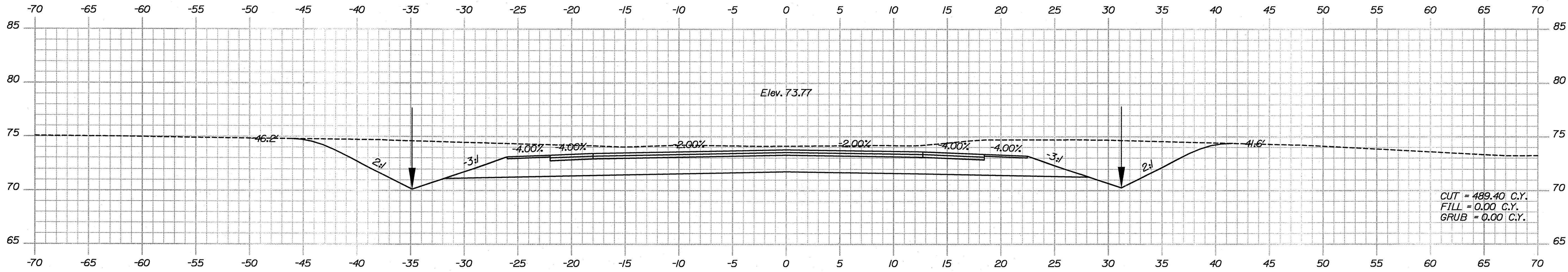
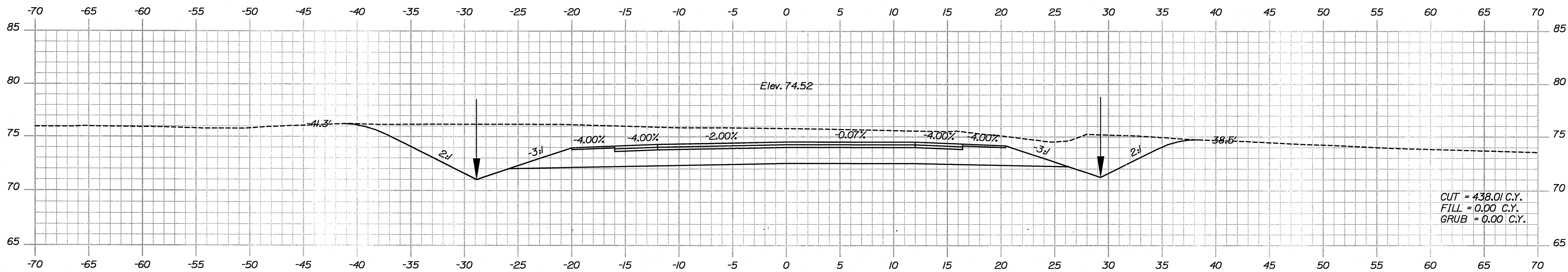
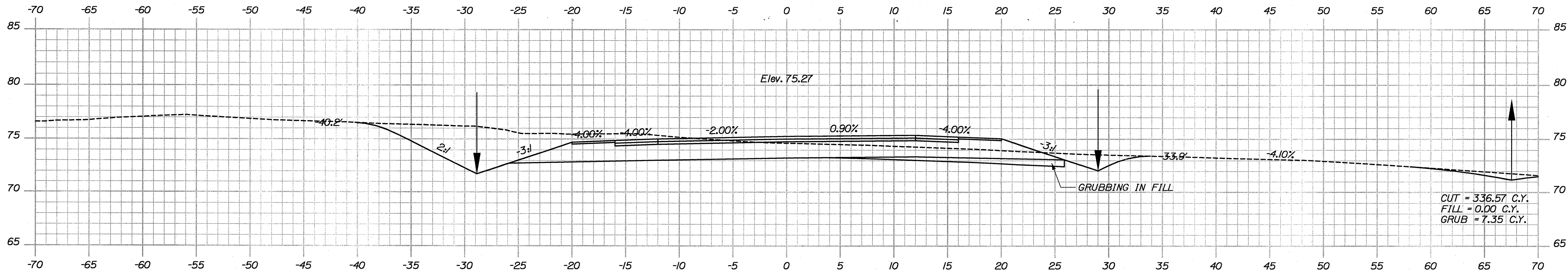


Date:9/10/2009

Username: Jeffrey.Veilux

Division: HIGHWAY

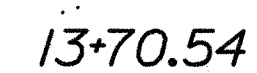
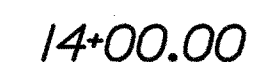
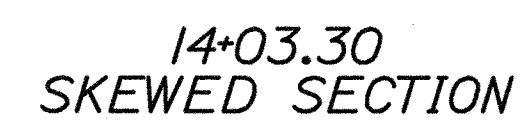
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PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DATE	BY	SIGNATURE	P.E. NUMBER	DATE
J. KITREDGE	J. COFFIN	J. COFFIN	01-08-09	JAN 2009			
			60% REVIEW	FEB 2009			
			90% REVIEW	FEB 2009			
			ISSUED FOR BD	05-28-09			
			FIELD CHANGES				

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

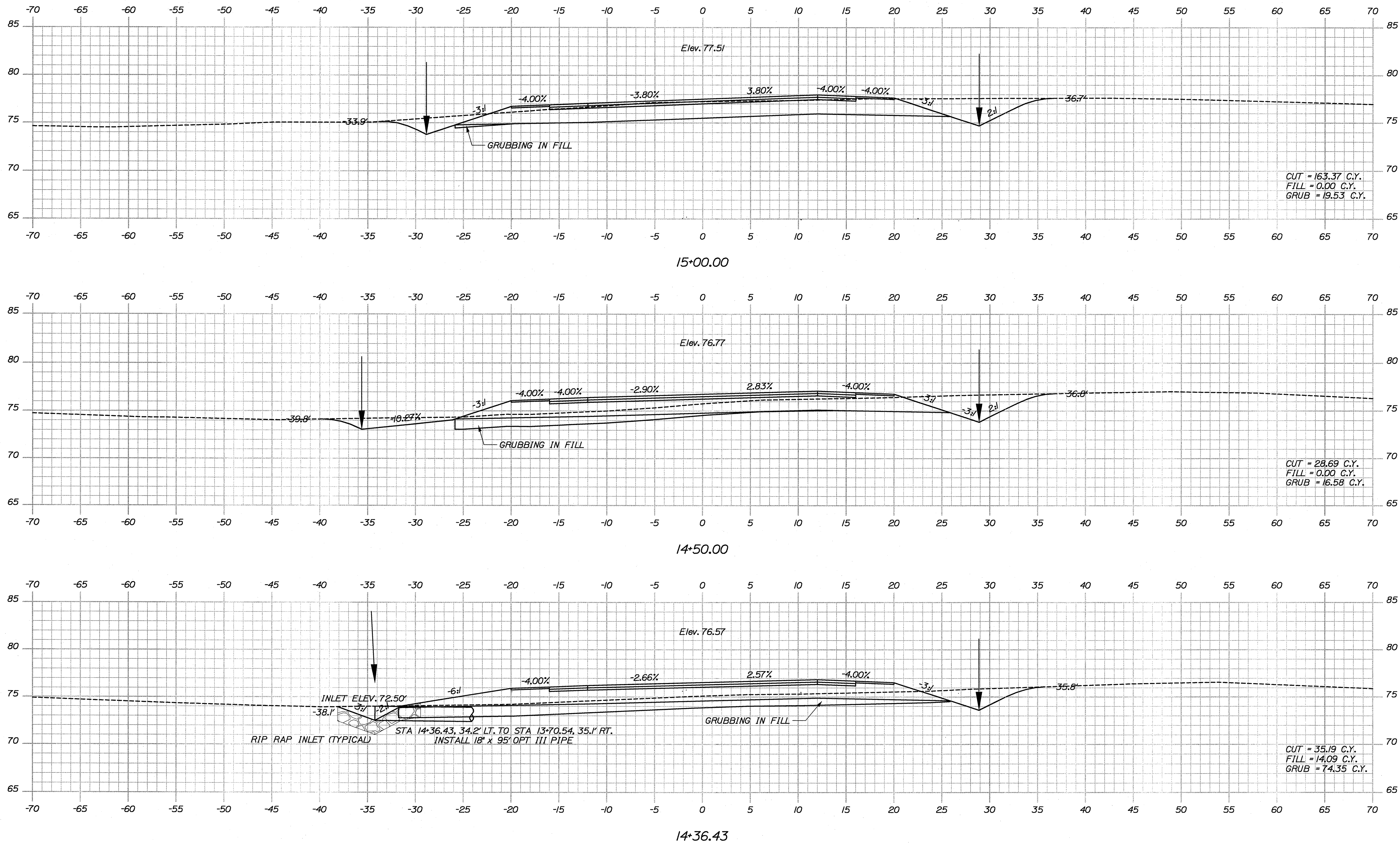
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OF 63

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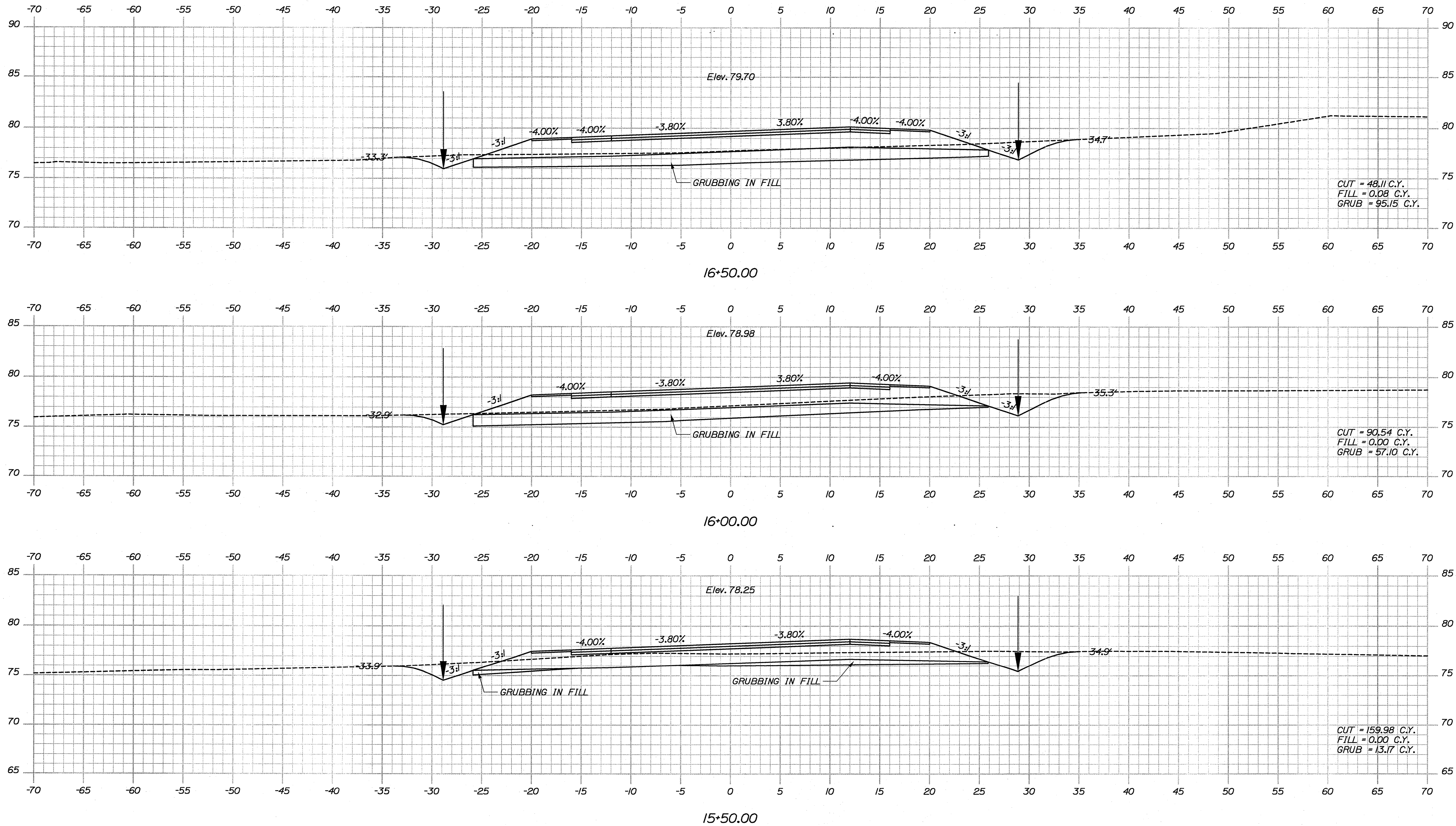
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STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE		P.E. NUMBER	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		DATE		DATE	
CROSS SECTIONS		BY		DATE	
SHEET NUMBER		J. COFFIN		01-08-09	
C-23		J. COFFIN		02-12-09	
OF 63		J. COFFIN		05-28-09	
		J. COFFIN		05-28-09	

Sta. 14+36.43 to Sta. 15+00.00

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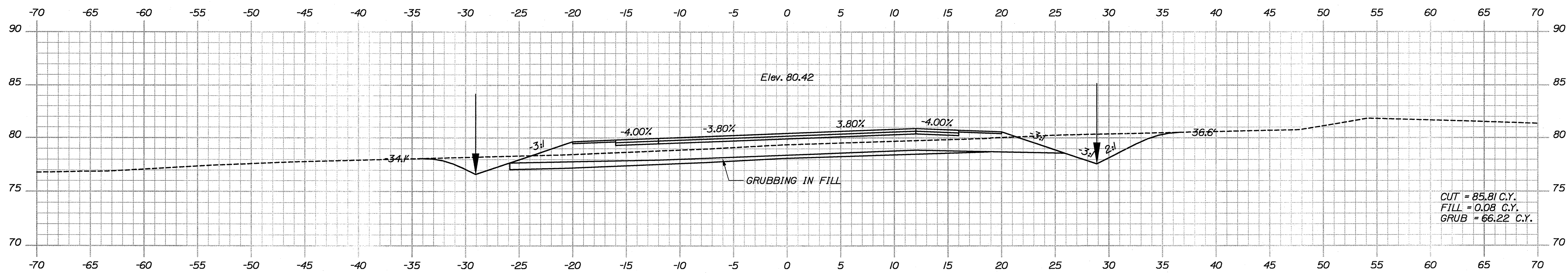
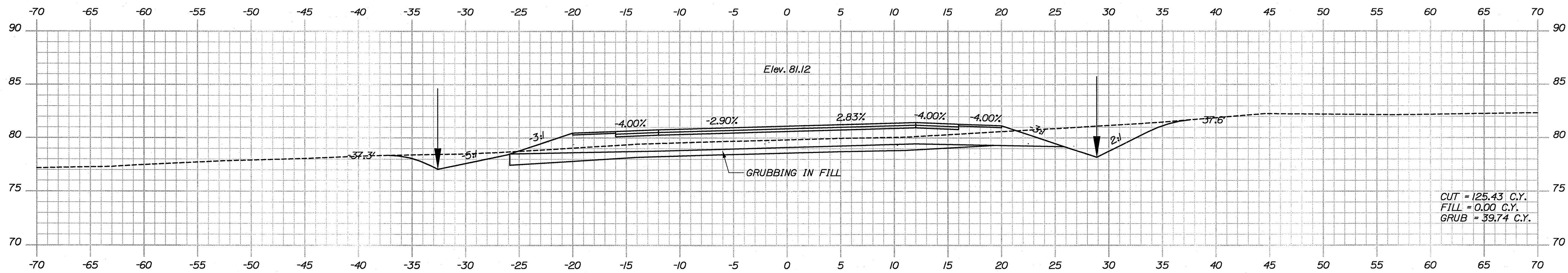
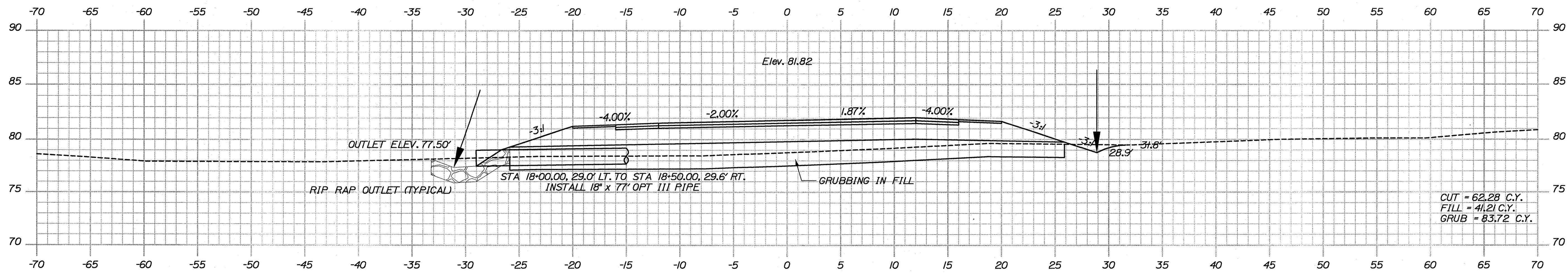


Date: 9/10/2009

Username: Jeffrey.Velieux

Division: HIGHWAY

Filename: ...\\msta\025_XSECT_17+00_005.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PIN
16123.50

HIGHWAY PLANS

SIGNATURE

P.L. NUMBER

DATE

PROJ. MANAGER	BY	DATE
J. KITREDOE	J. COFFIN	
CHECKED-DETAILED	J. COFFIN	
DESIGN-DETAILED	J. COFFIN	
DESIGN-DETAILED2	J. COFFIN	
DESIGN-DETAILED3	J. COFFIN	
REVISIONS 1	60% REVIEW - JAN 2009	01-08-09
REVISIONS 2	90% REVIEW - FEB 2009	02-12-09
REVISIONS 3	ISSUED FOR BID	05-28-09
REVISIONS 4		
FIELD CHANGES		

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

CROSS SECTIONS

SHEET NUMBER

C-25

OF 63

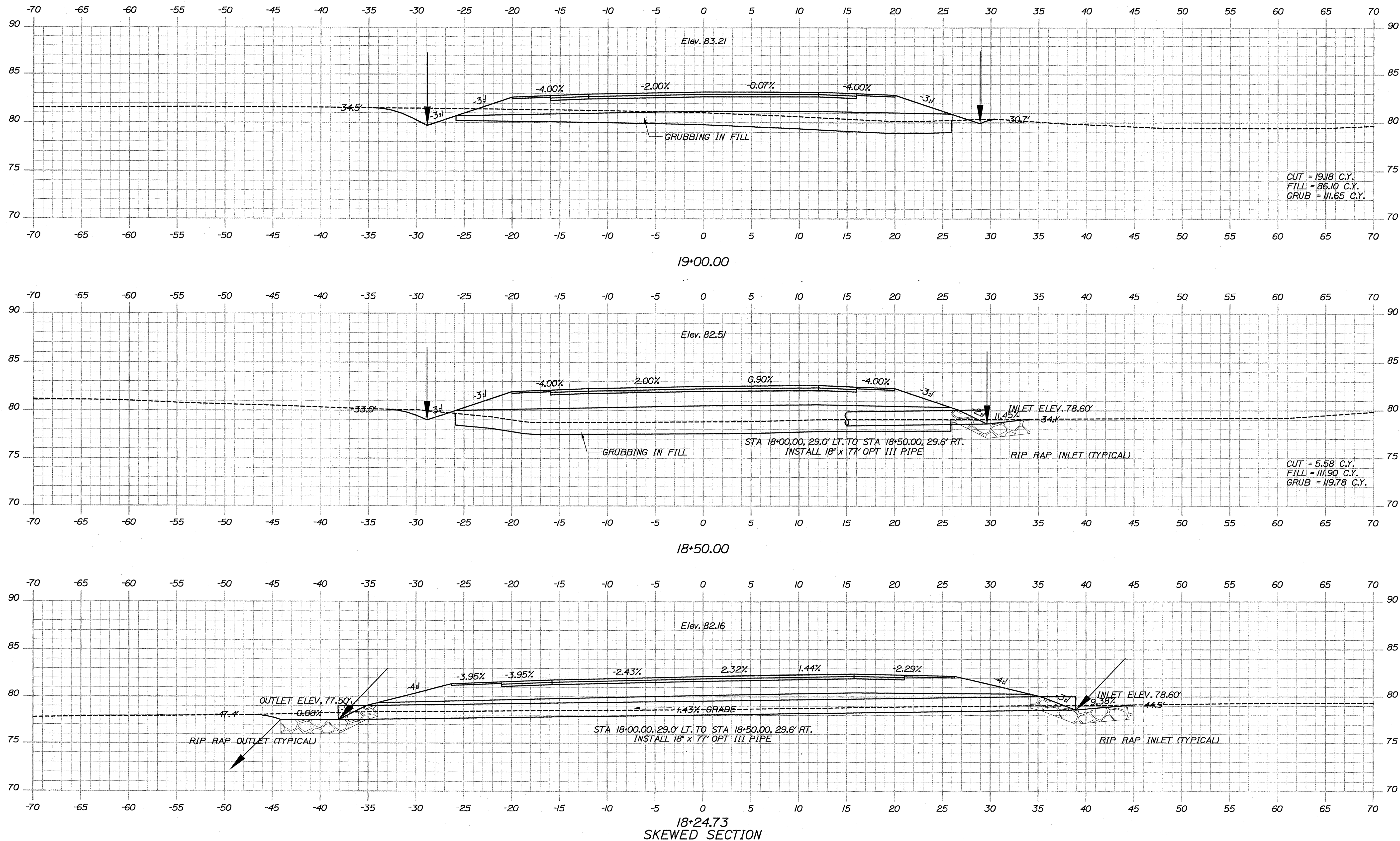
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Username: Jeffrey.Veilux

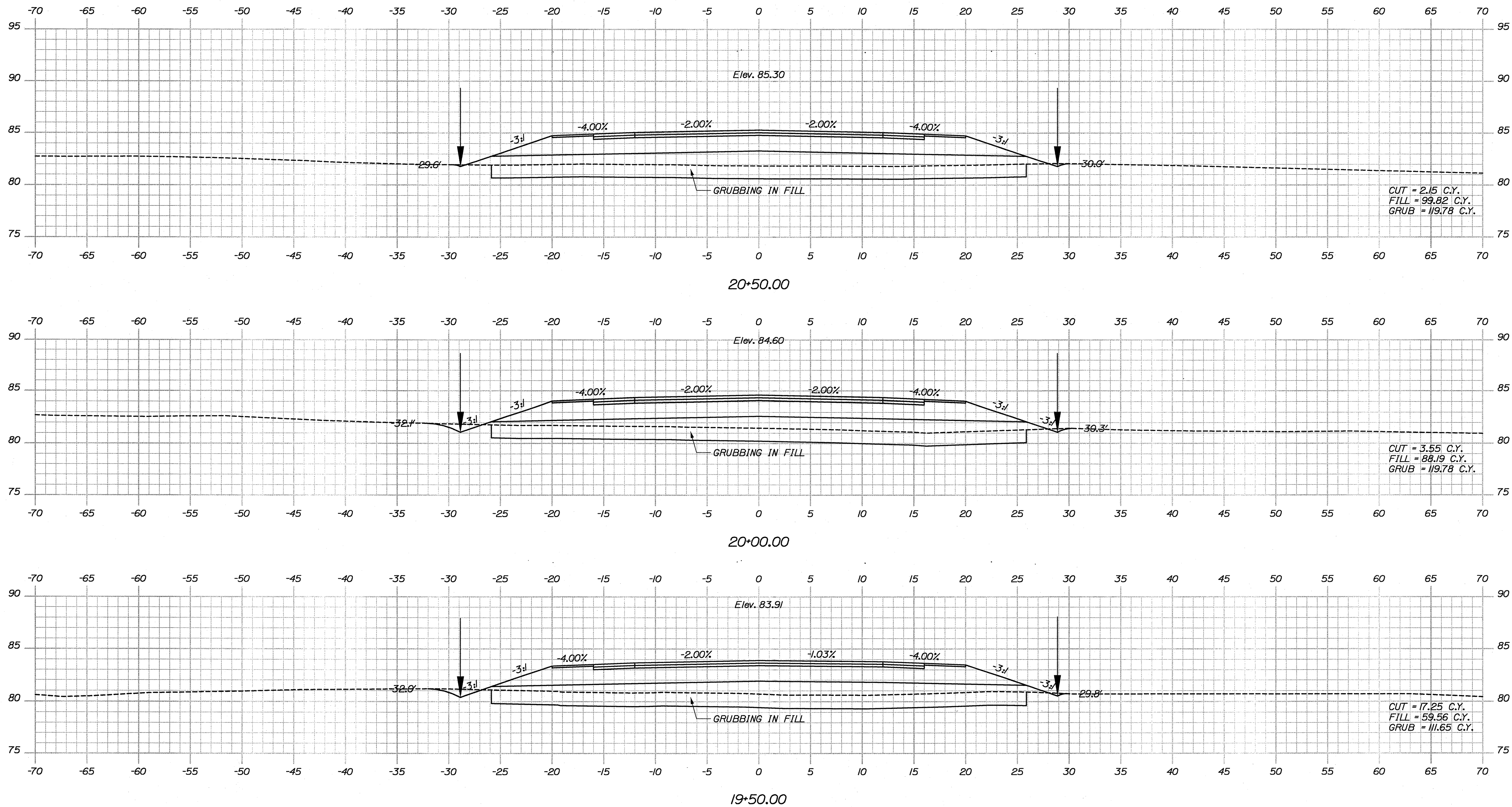
Division: HIGHWAY

Date: 9/10/2009



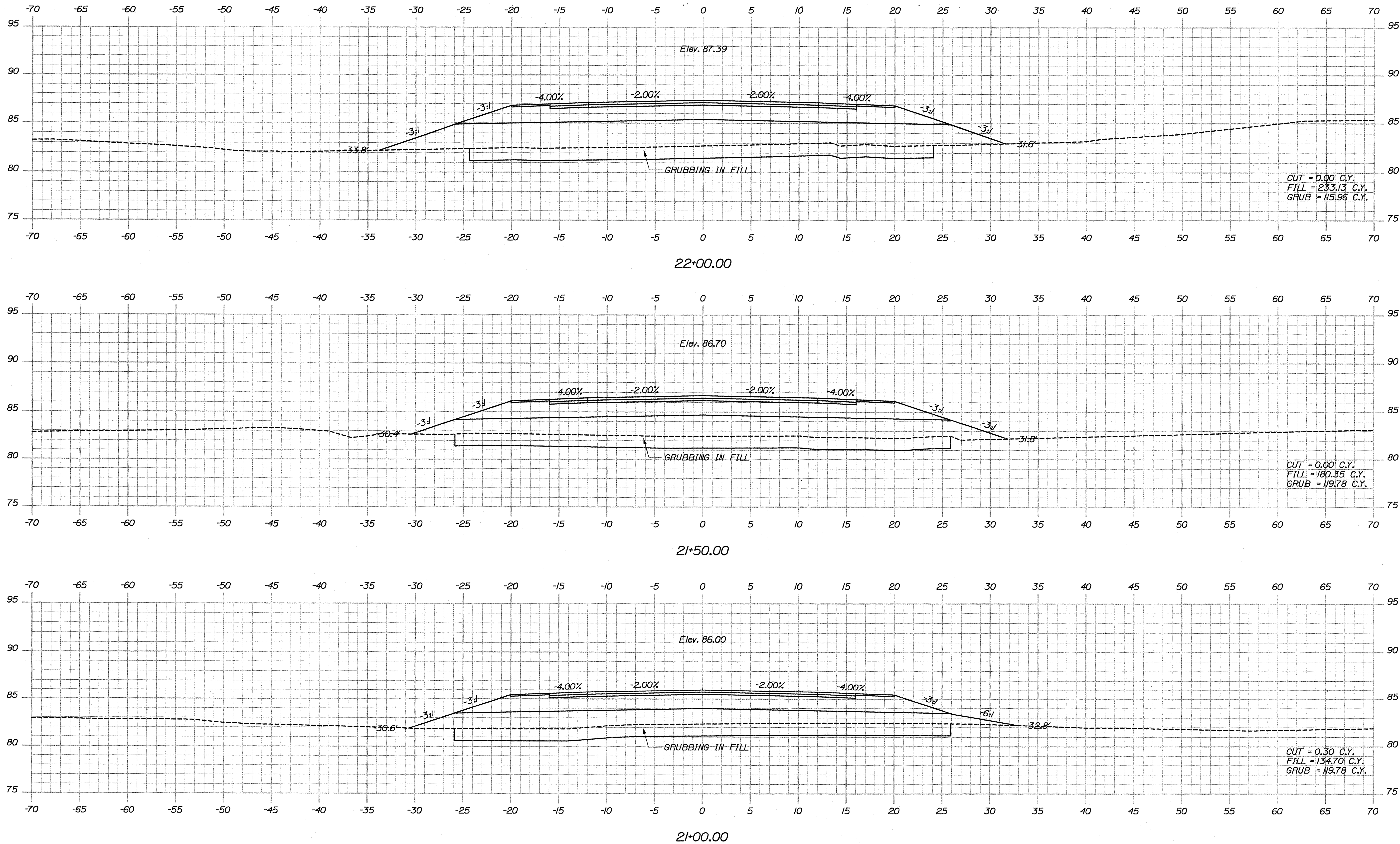
Username: Jeffrey Veilleux Date:9/10/2009

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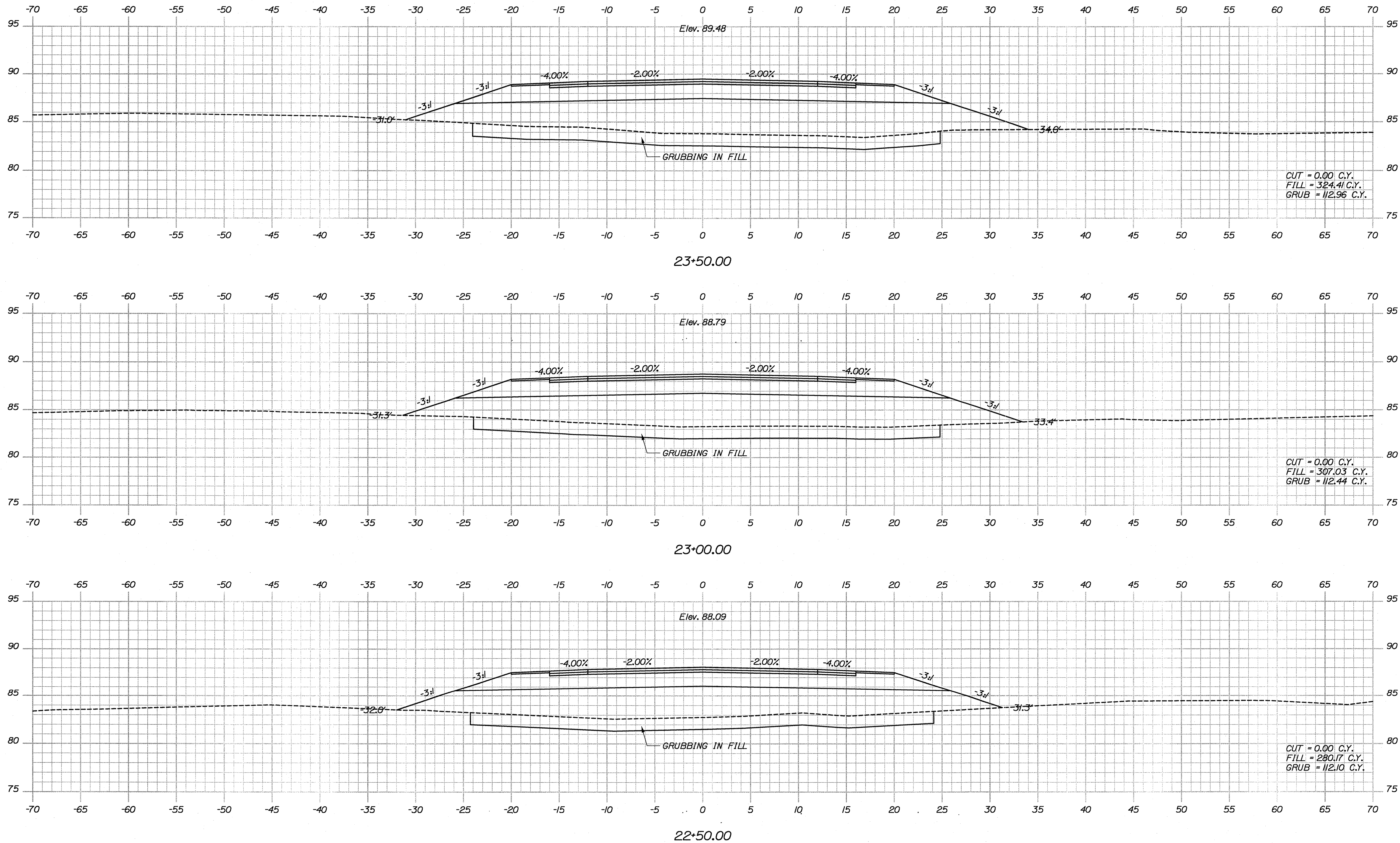
PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DATE	BY	SIGNATURE
J. KITRIDGE	J. COFFIN	J. COFFIN	01-08-09	J. COFFIN	
DESIGN-DETAILED02	DESIGN-DETAILED03	DESIGN-DETAILED04	02-12-09		
REVISIONS 1	60% REVIEW	JAN 2009	01-08-09		P.E. NUMBER
REVISIONS 2	90% REVIEW	FEB 2009	02-12-09		DATE
REVISIONS 3	ISSUED FOR BD		05-28-09		
REVISIONS 4	FIELD CHANGES				

Filename: ...\\msta\028_XSECT_21+00_008.dgn Division: HIGHWAY Username: Jeffrey.Veilux Date: 9/10/2009



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PIN 16123.50		HIGHWAY PLANS	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		CROSS SECTIONS			
SHEET NUMBER C-28		OF 63			
Sta. 21+00.00 to Sta. 22+00.00					
PROJ. MANAGER J. KITREDGE		BY J. COFFIN		DATE 01-08-09	
DESIGN-REVIEWED J. COFFIN		DESIGN-REVIEWED J. COFFIN		SIGNATURE P.E. NUMBER	
DESIGN-REVIEWED J. COFFIN		DESIGN-REVIEWED J. COFFIN		DATE 05-28-09	
REVISIONS 1 60% REVIEW - JAN 2009		REVISIONS 2 90% REVIEW - FEB 2009		REVISIONS 3 ISSUED FOR BD	
REVISIONS 4 FIELD CHANGES		REVISIONS 4 FIELD CHANGES		REVISIONS 4 FIELD CHANGES	

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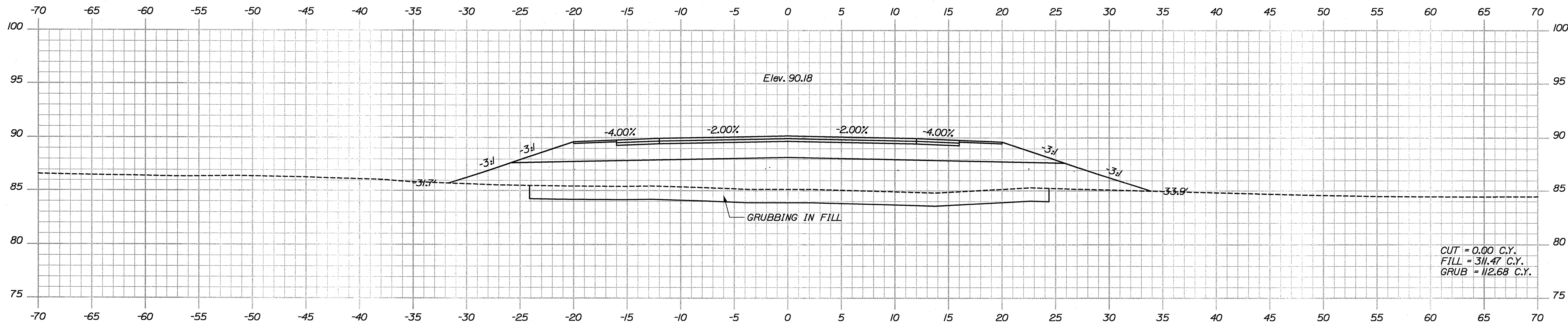
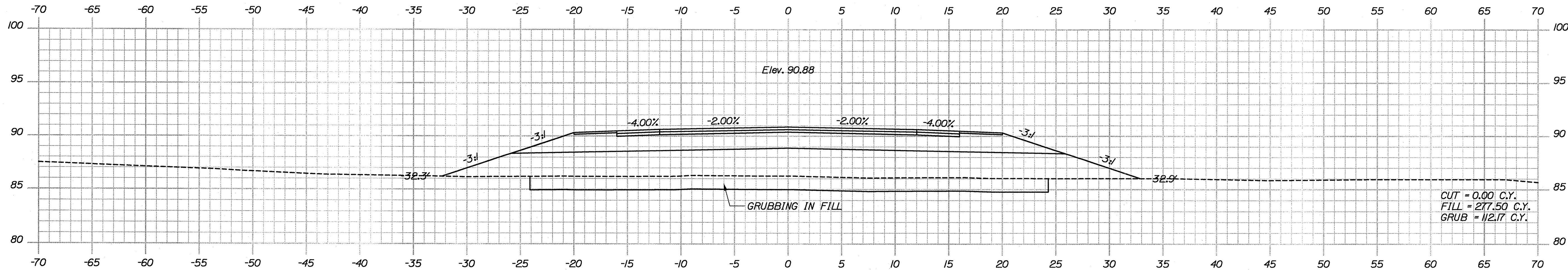
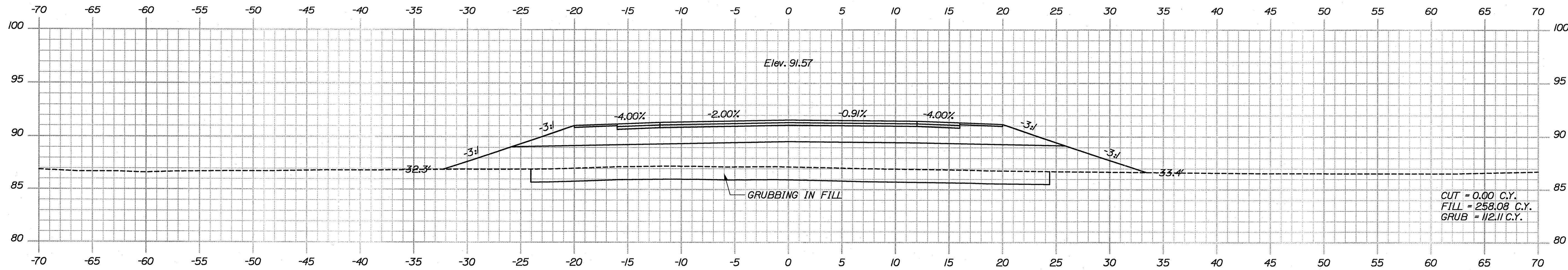
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PIN 16123.50		HIGHWAY PLANS	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		CROSS SECTIONS		SHEET NUMBER C-29 OF 63	
PROJ. MANAGER J. KITTEDGE	CHECKED-REVIEWED J. COFFIN	DESIGNED-DETAILED J. COFFIN	DATE JAN 2009 01-06-09	SIGNATURE	P.E. NUMBER
REVISIONS 1 60% REVIEW	REVISIONS 2 90% REVIEW	REVISIONS 3 ISSUED FOR 80	REVISIONS 4 FIELD CHANGES	DATE 05-28-09	

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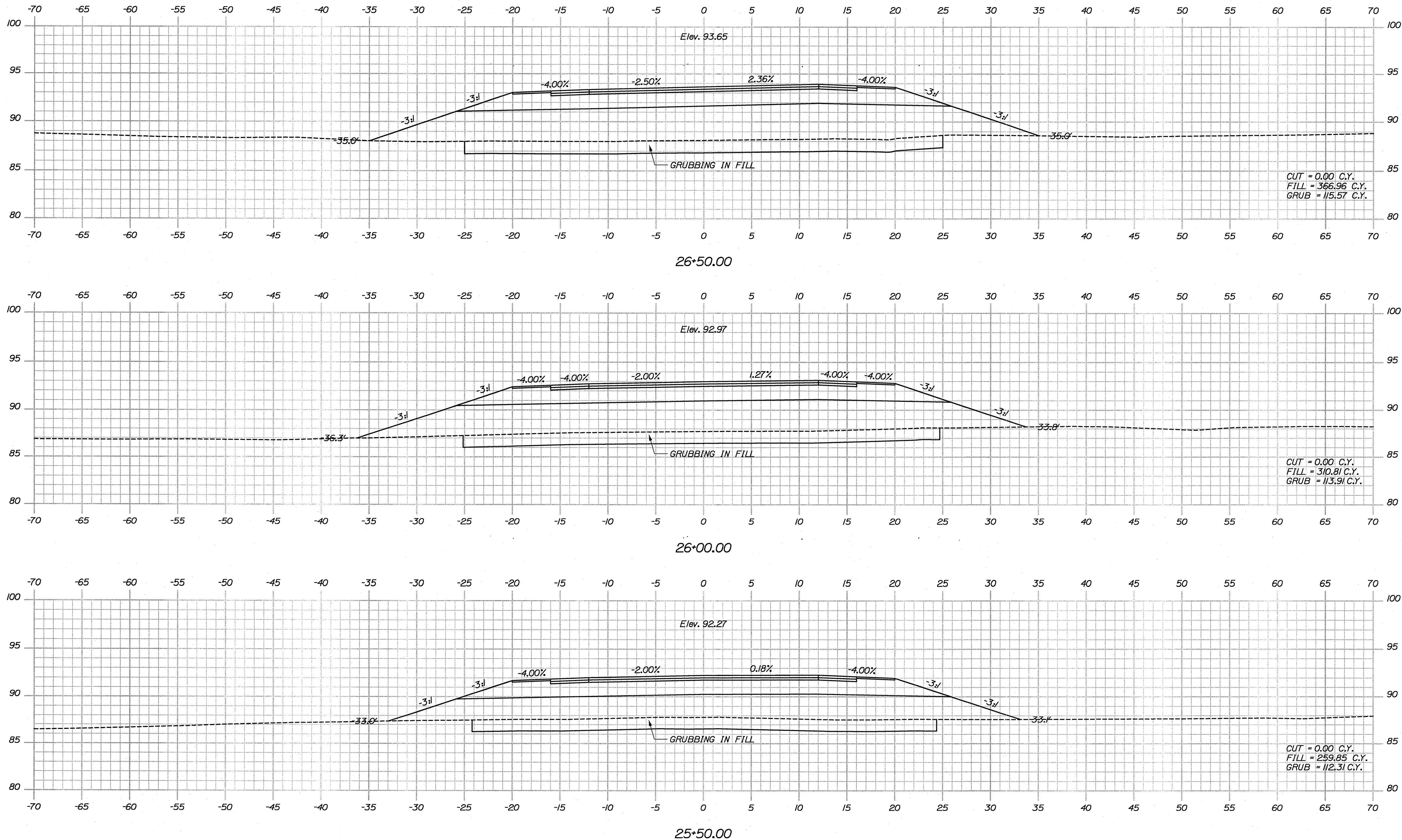
Division: HIGHWAY

Username: Jeffrey.Veilleux

Date: 9/10/2009

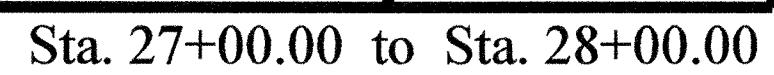


PROJ. MANAGER	J. KITTRIDGE	DATE	BY	J. COFFIN	SIGNATURE	P.E. NUMBER	DATE
CHECKED-REVIEWED	J. COFFIN						
DESIGN-DETAILED	J. COFFIN						
DESIGN-DETAILED	J. COFFIN						
REVISIONS	1	6/17 REVIEW	JAN 2009	01-08-09			
REVISIONS	2	9/17 REVIEW	FEB 2009	02-12-09			
REVISIONS	3	ISSUED FOR BID					
REVISIONS	4						
FIELD CHANGES							



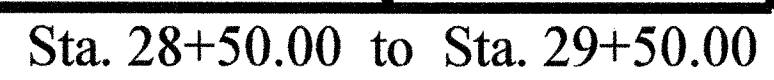
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PIN 16123.50		HIGHWAY PLANS	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		CROSS SECTIONS		SHEET NUMBER C-31 OF 63	
PROJ. MANAGER J. KITREDE	CHECKED-REVIEWED J. COFFIN	DATE JAN 2009	BY J. COFFIN	SIGNATURE	P.E. NUMBER
DESIGN-DETAILED DESIGN-DETAILED	DESIGN-DETAILED DESIGN-DETAILED	60% REVIEW JAN 2009	90% REVIEW FEB 2009	DATE 05-28-09	DATE 05-28-09
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	REVISIONS 5	REVISIONS 6
FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES

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SHEET NUMBER
C-32
OF 63

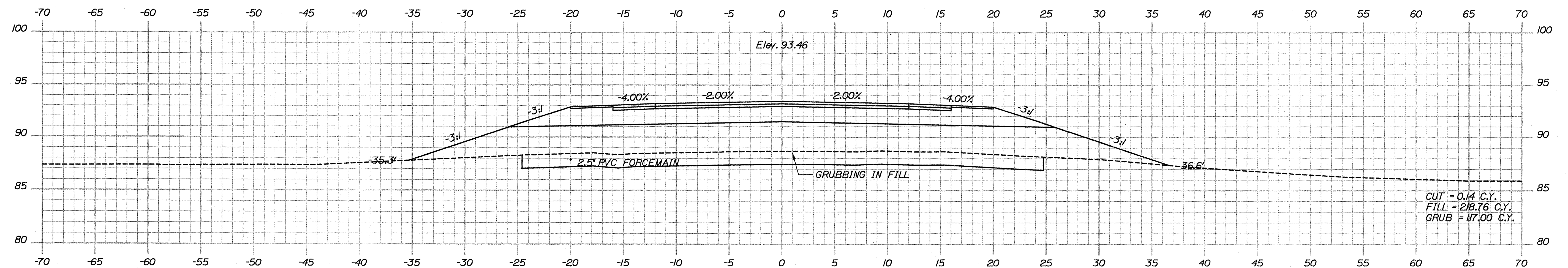
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FIN
16123.50
HIGHWAY PLANS

SHEET NUMBER
C-33
OF 63

Filename: ... \msta\034_XSECT_30+00_014.dgn



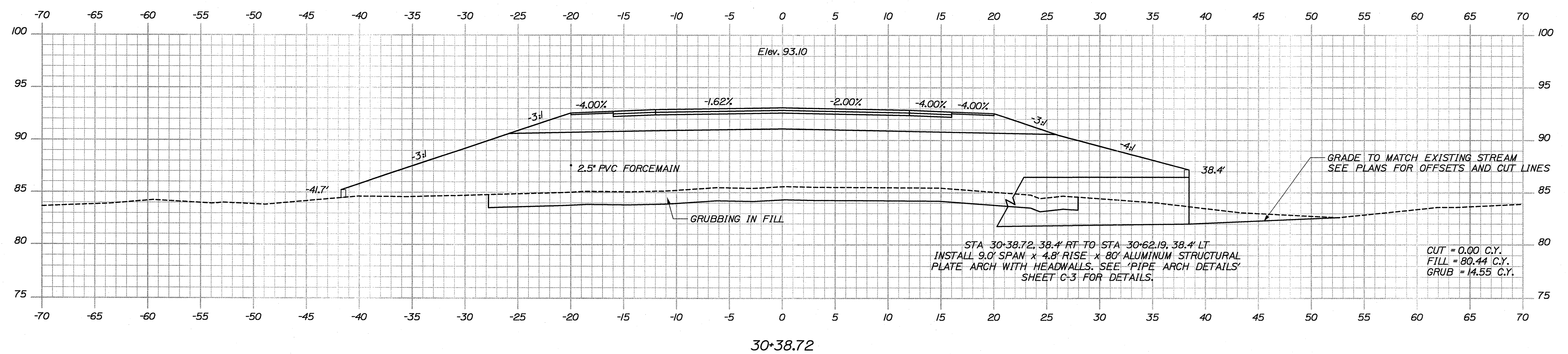
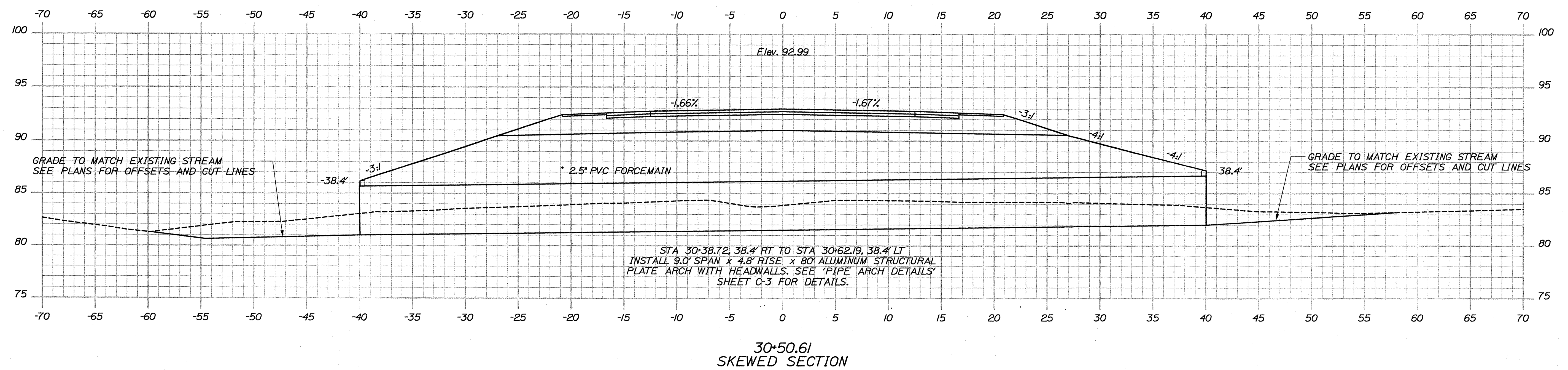
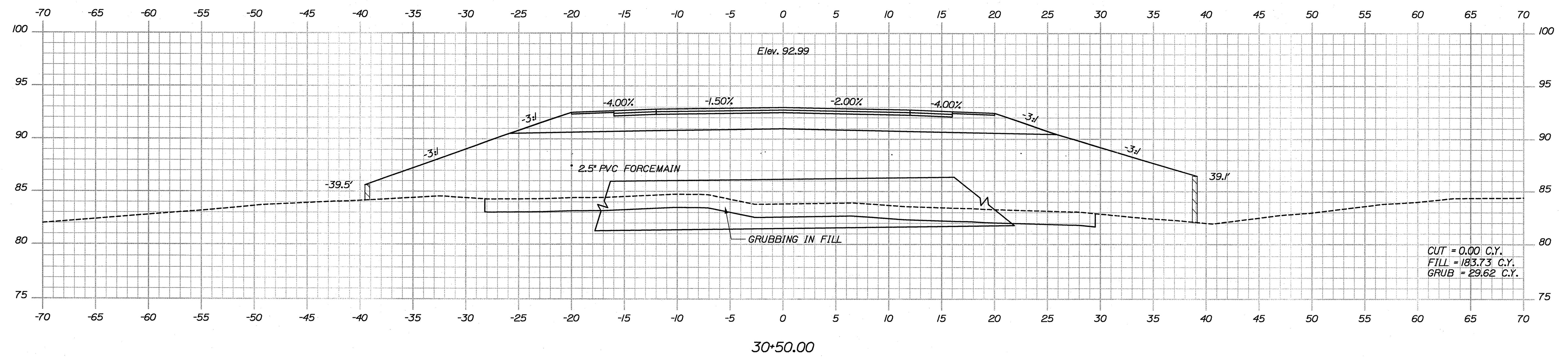
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CUT = 0.14 C.Y.
FILL = 218.76 C.Y.
GRUB = 117.00 C.Y.

38.5

PIN
16123.50

Sta. 30+00.00 to Sta. 30+33.00



Filename: ...\\msta\\035_XSECT_30+38_015.dgn Division: HIGHWAY Username: Jeffrey.Veilleux Date: 9/10/2009

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

16123.50 HIGHWAY PLANS

DESIGN-DETAILED	J. COFFIN	J. COFFIN	SIGNATURE
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1	607 REVIEW - JAN 2009	01-08-09	P.E. NUMBER
REVISIONS 2	907 REVIEW - FEB 2009	02-12-09	DATE
REVISIONS 3	ISSUED FOR BID	05-28-09	
REVISIONS 4			
FIELD CHANGES			

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

CROSS SECTIONS

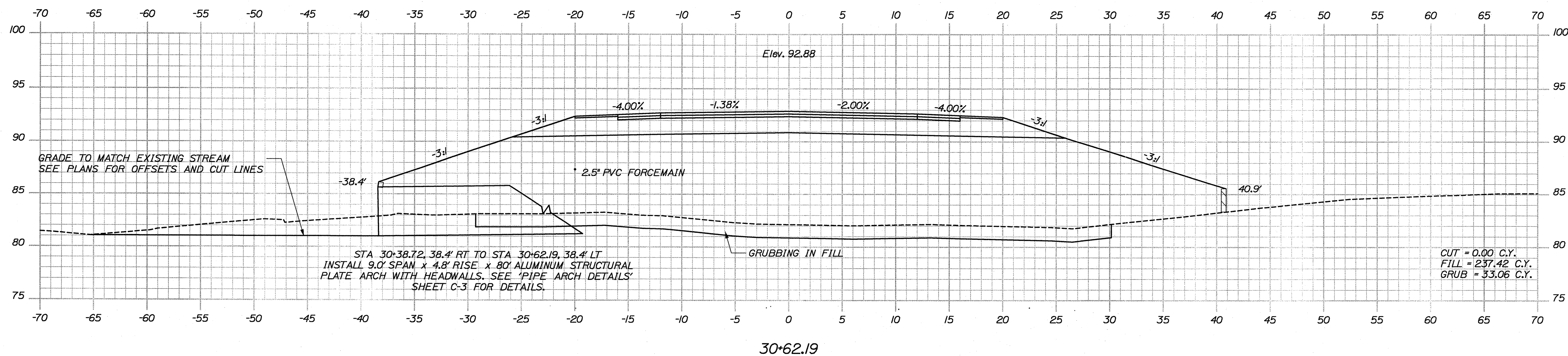
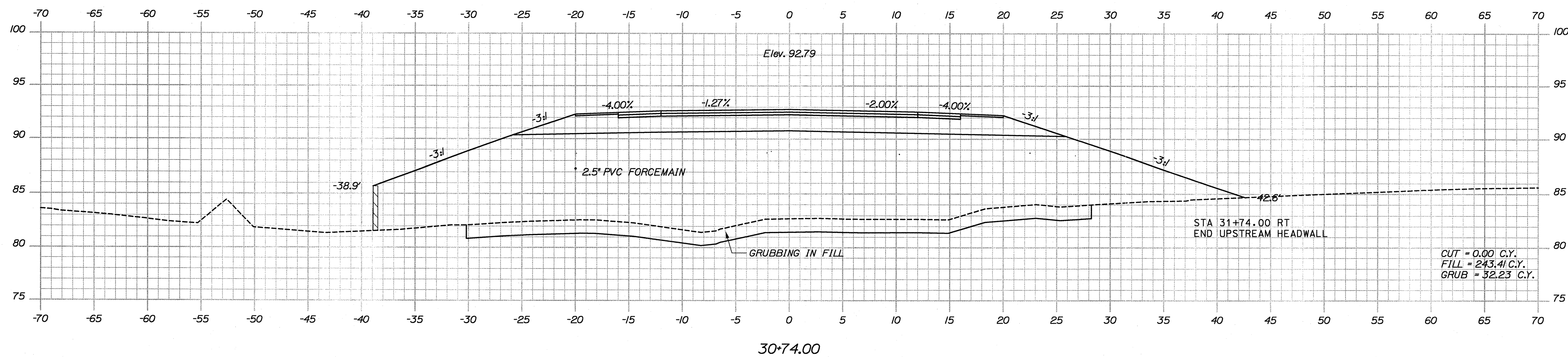
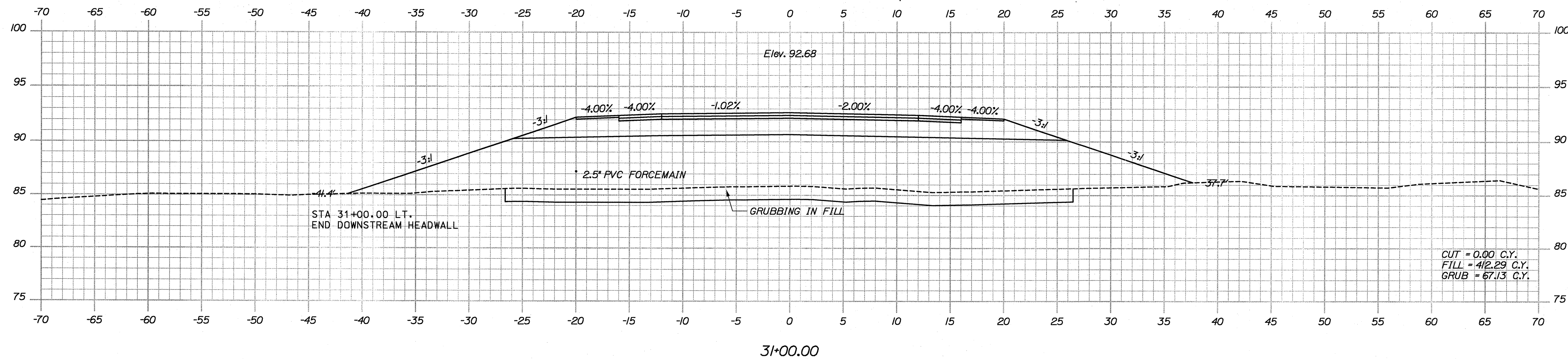
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C-35

OF 63

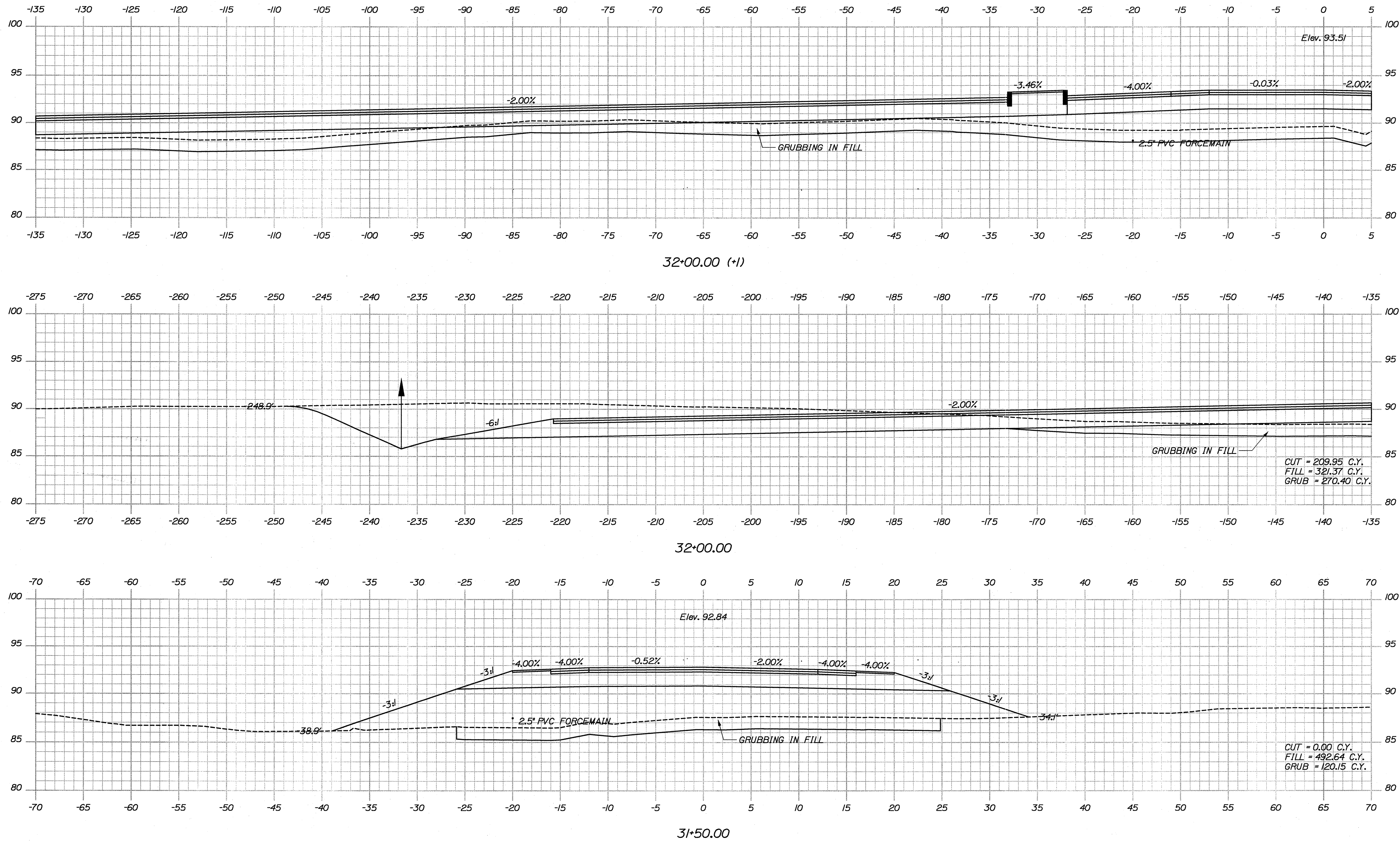
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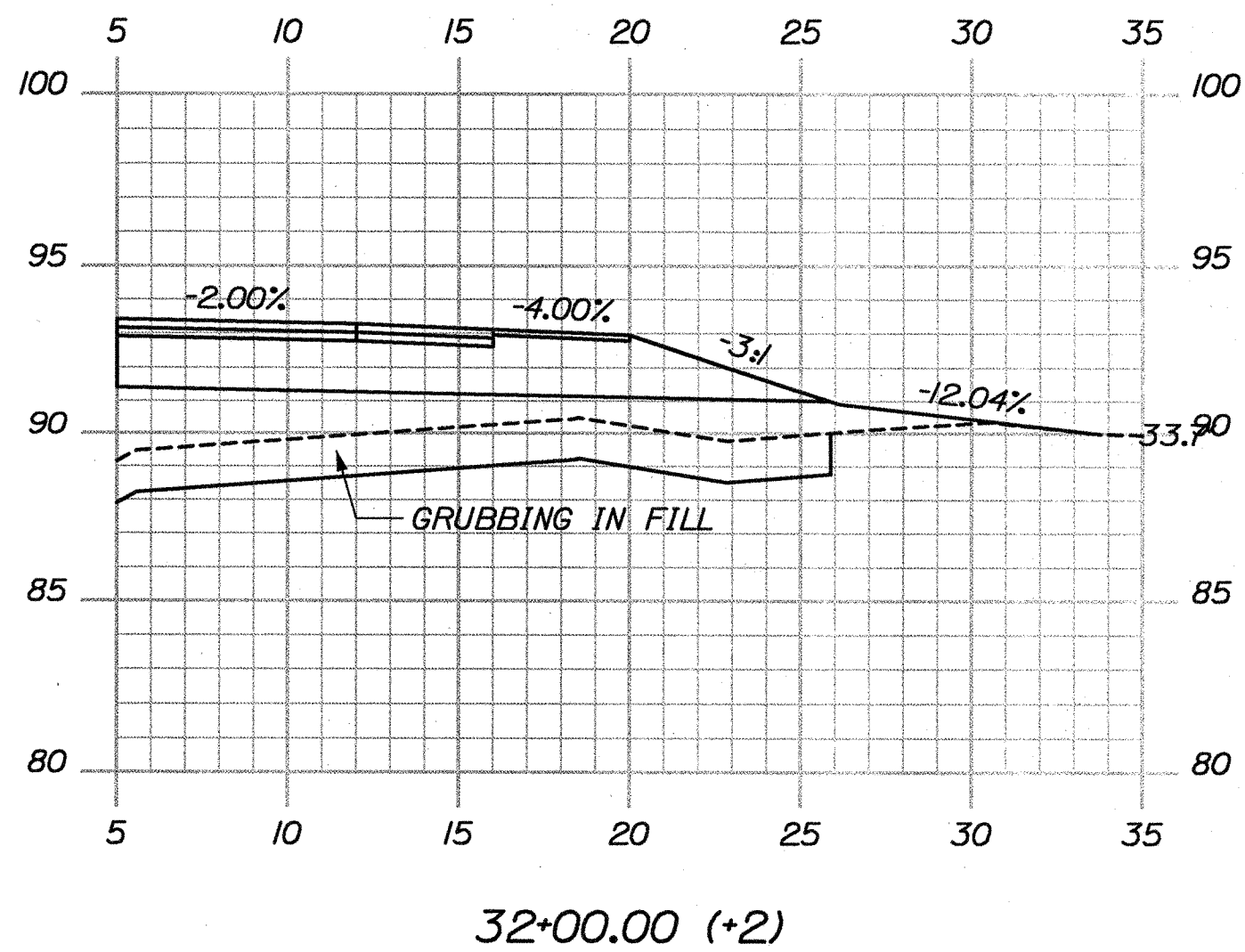
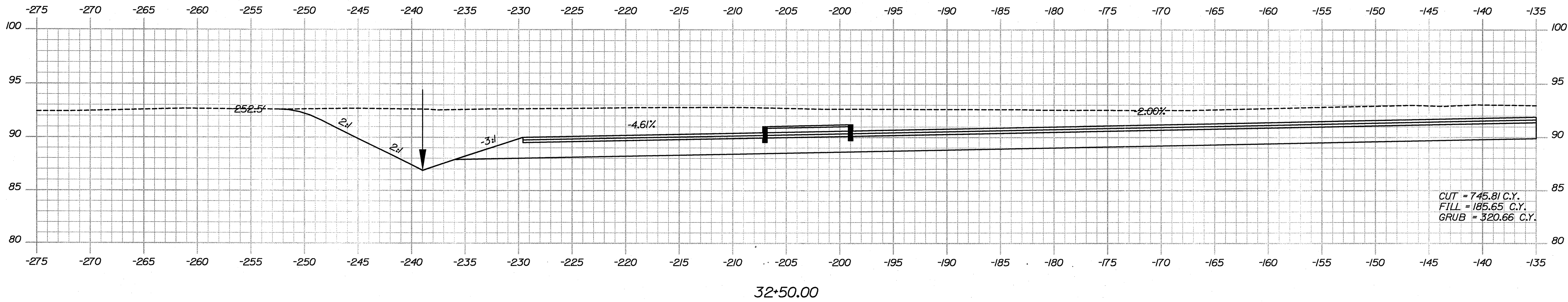
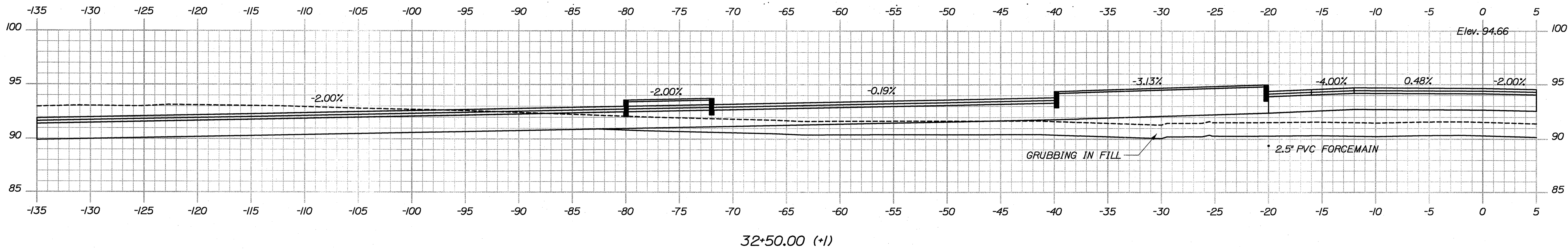
PROJ. MANAGER	J. KITTREDGE	BY	DATE	SIGNATURE
DESIGN-DETAILED	J. COFFIN	J. COFFIN		
CHECKED-REVIEWED				P.E. NUMBER
DESIGN-DETAILED2				
DESIGN-DETAILED3				DATE
REVISIONS 1	60% REVIEW	JAN 2009	01-08-09	
REVISIONS 2	90% REVIEW	FEB 2009	02-12-09	
REVISIONS 3	ISSUED FOR BID			
REVISIONS 4			05-28-09	
FIELD CHANGES				

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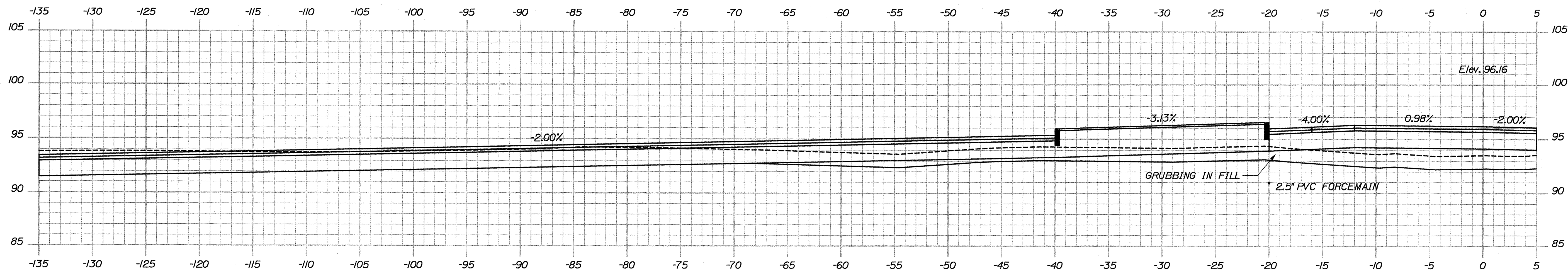
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PIN 16123.50		HIGHWAY PLANS	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		CROSS SECTIONS		SHEET NUMBER C-37 OF 63	
PROJ. MANAGER J. KITREDGE		BY J. COFFIN		DATE 05-28-09	
DESIGN-DETAILED J. COFFIN		CHECKED-REVIEWED J. COFFIN		SIGNATURE	
DESIGN-DETAILED3 J. COFFIN		DESIGN-REVIEWED3 J. COFFIN		P.E. NUMBER	
REVISIONS 1 60% REVIEW - JAN 2009 01-08-09		REVISIONS 2 90% REVIEW - FEB 2009 02-12-09		DATE	
REVISIONS 3 ISSUED FOR BD		REVISIONS 4 FIELD CHANGES		DATE	

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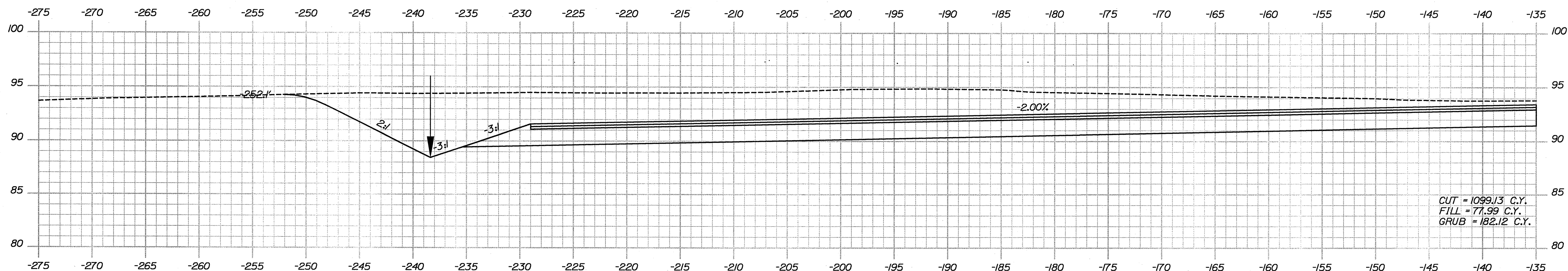


STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PIN 16123.50		HIGHWAY PLANS	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		CROSS SECTIONS		SHEET NUMBER C-38 OF 63	
PROJ. MANAGER J. MITCHELL		DESIGN-DETAILED J. COFFIN		DATE 01-08-09	
CHECKED-REVIEWED J. COFFIN		DESIGN-DETAILED J. COFFIN		DATE 02-12-09	
REVISIONS 1 60% REVIEW - JAN 2009		REVISIONS 2 90% REVIEW - FEB 2009		DATE 05-28-09	
REVISIONS 3 ISSUED FOR BD		REVISIONS 4 FIELD CHANGES		DATE 05-28-09	

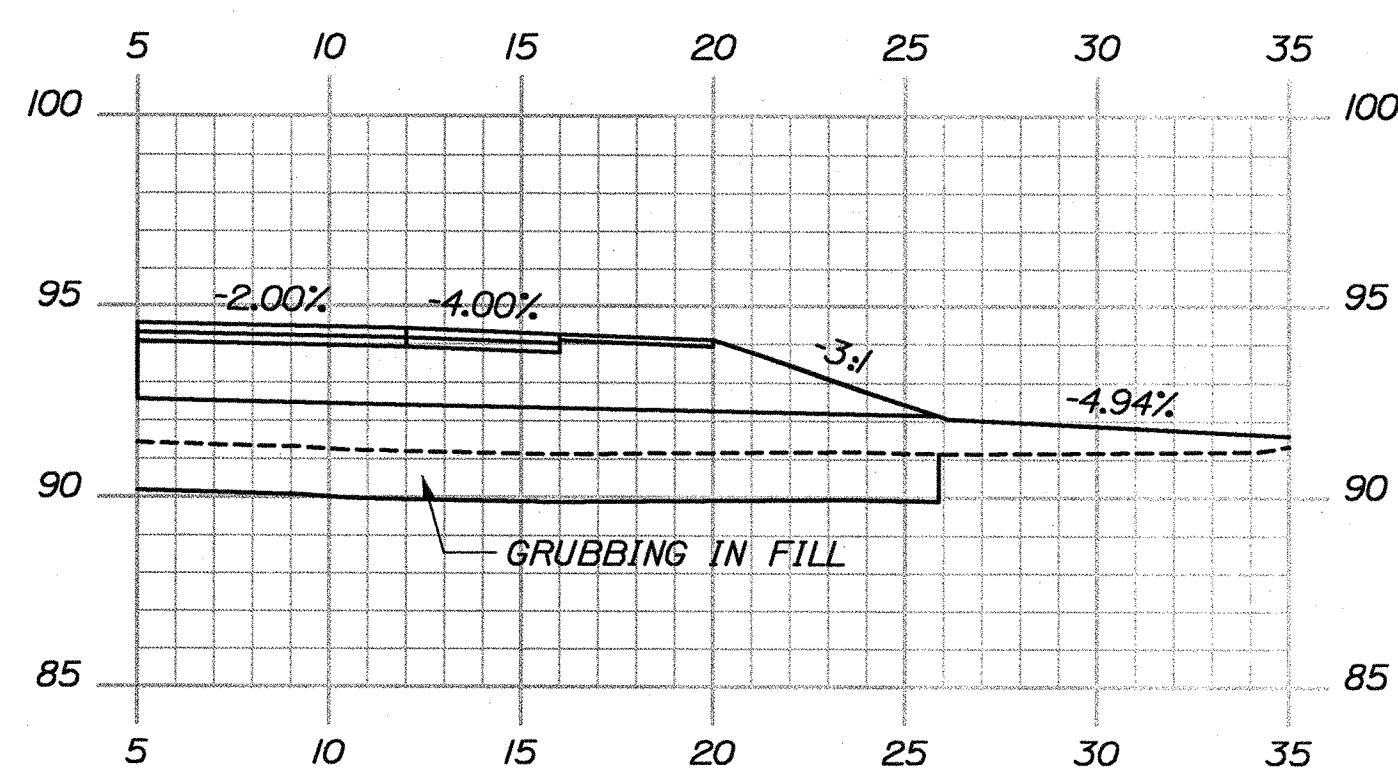
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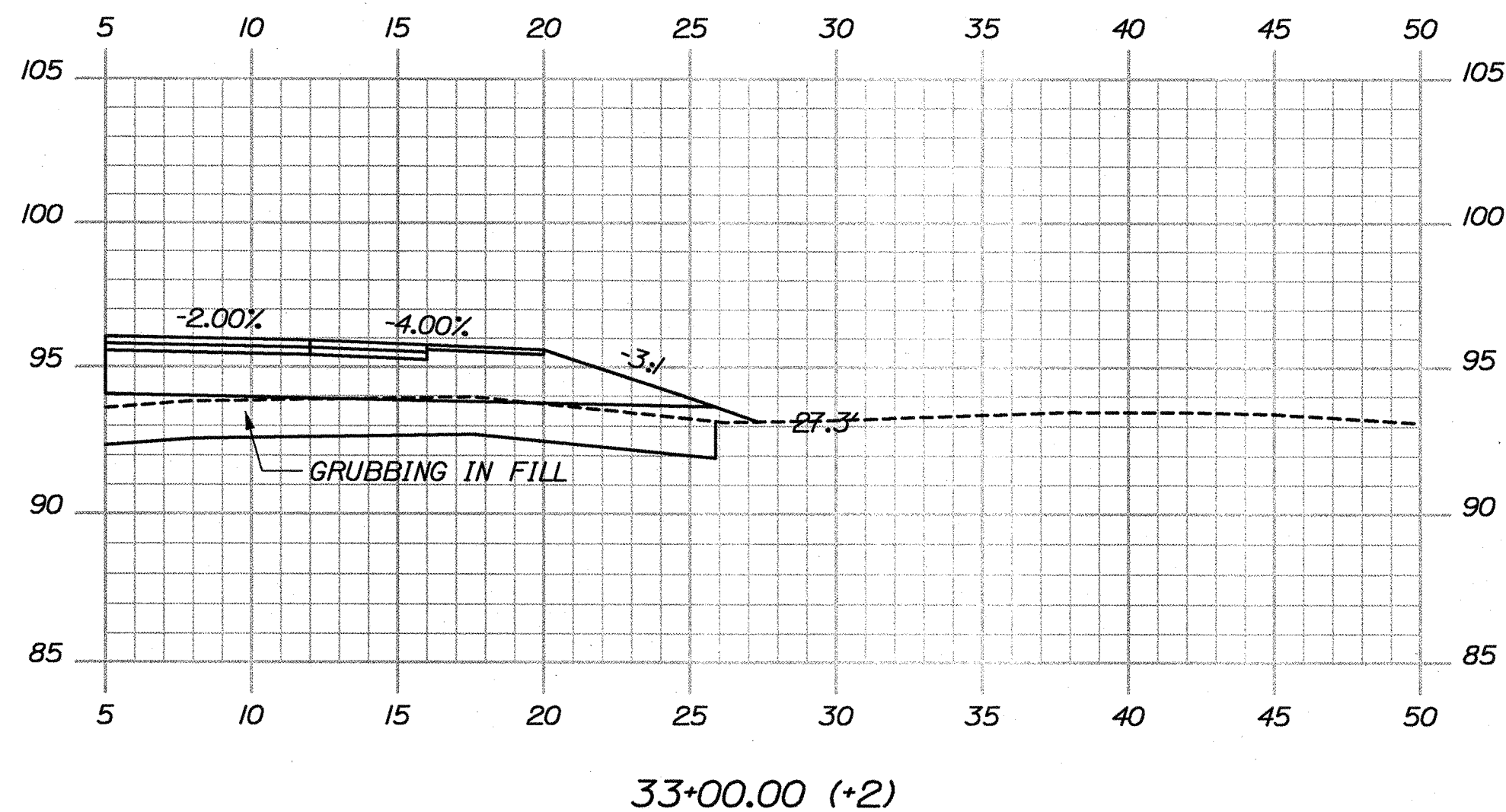
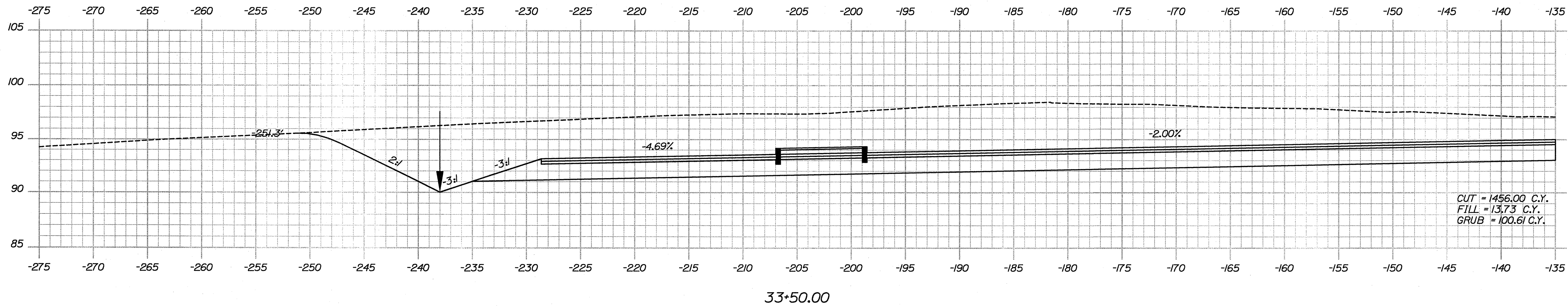
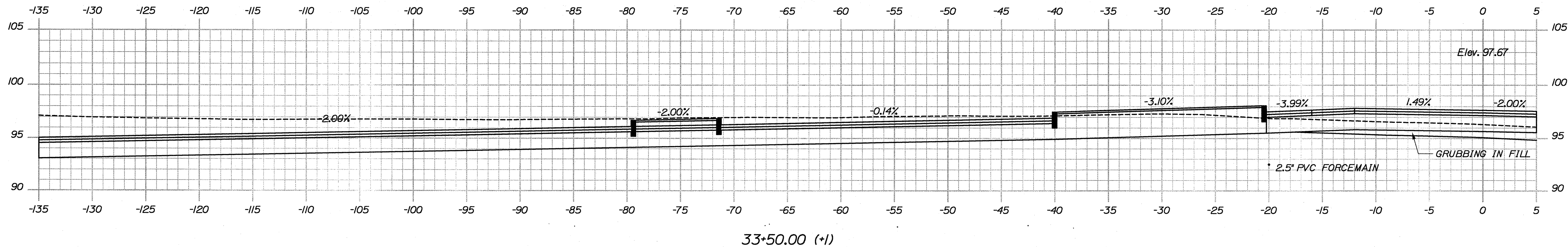
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32+50.00 (+2)

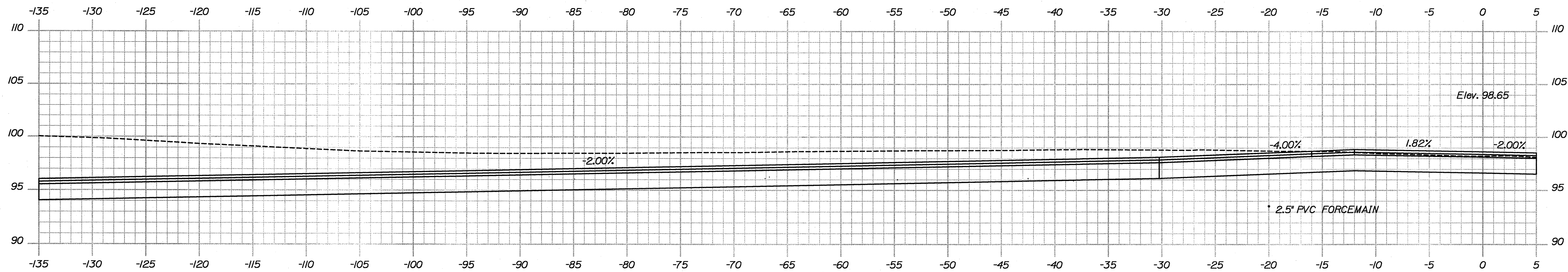
PROJ. MANAGER	J. KITREDE	BY	DATE
DESIGN-DETAILED	J. COFFIN	J. COFFIN	
CHECKED-REVIEWED			
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1	60% REVIEW - JAN 2009	01-08-09	P.E. NUMBER
REVISIONS 2	90% REVIEW - FEB 2009	02-12-09	
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FIELD CHANGES			

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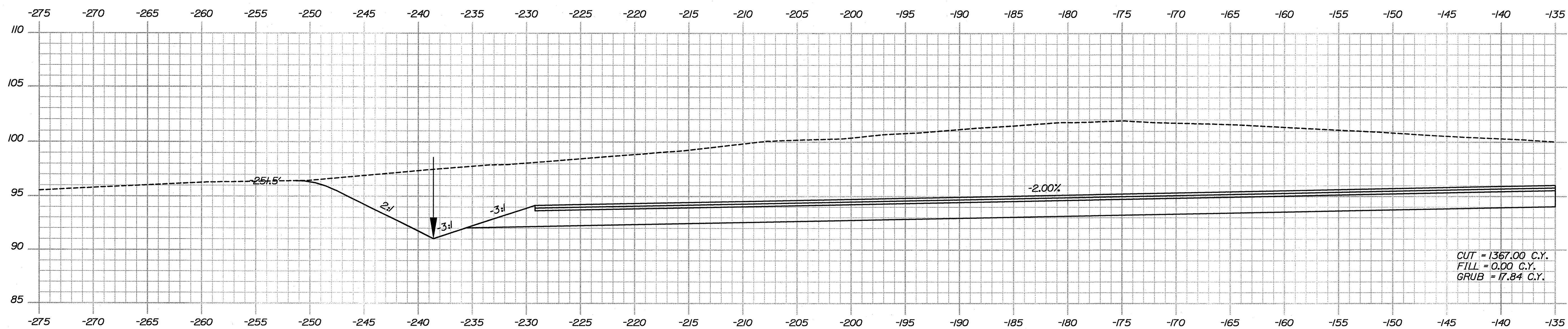


STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE		DATE
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		J. COFFIN		J. COFFIN
CROSS SECTIONS		DESIGN-REVIEWED		60% REVIEW - JAN 2009 01-08-09
SHEET NUMBER		DESIGN-DETAILED		90% REVIEW - FEB 2009 02-12-09
C-40		REVISIONS 1		ISSUED FOR BD
OF 63		REVISIONS 2		FIELD CHANGES
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		REVISIONS 4		
		P.E. NUMBER		DATE
		16123.50		
		HIGHWAY PLANS		

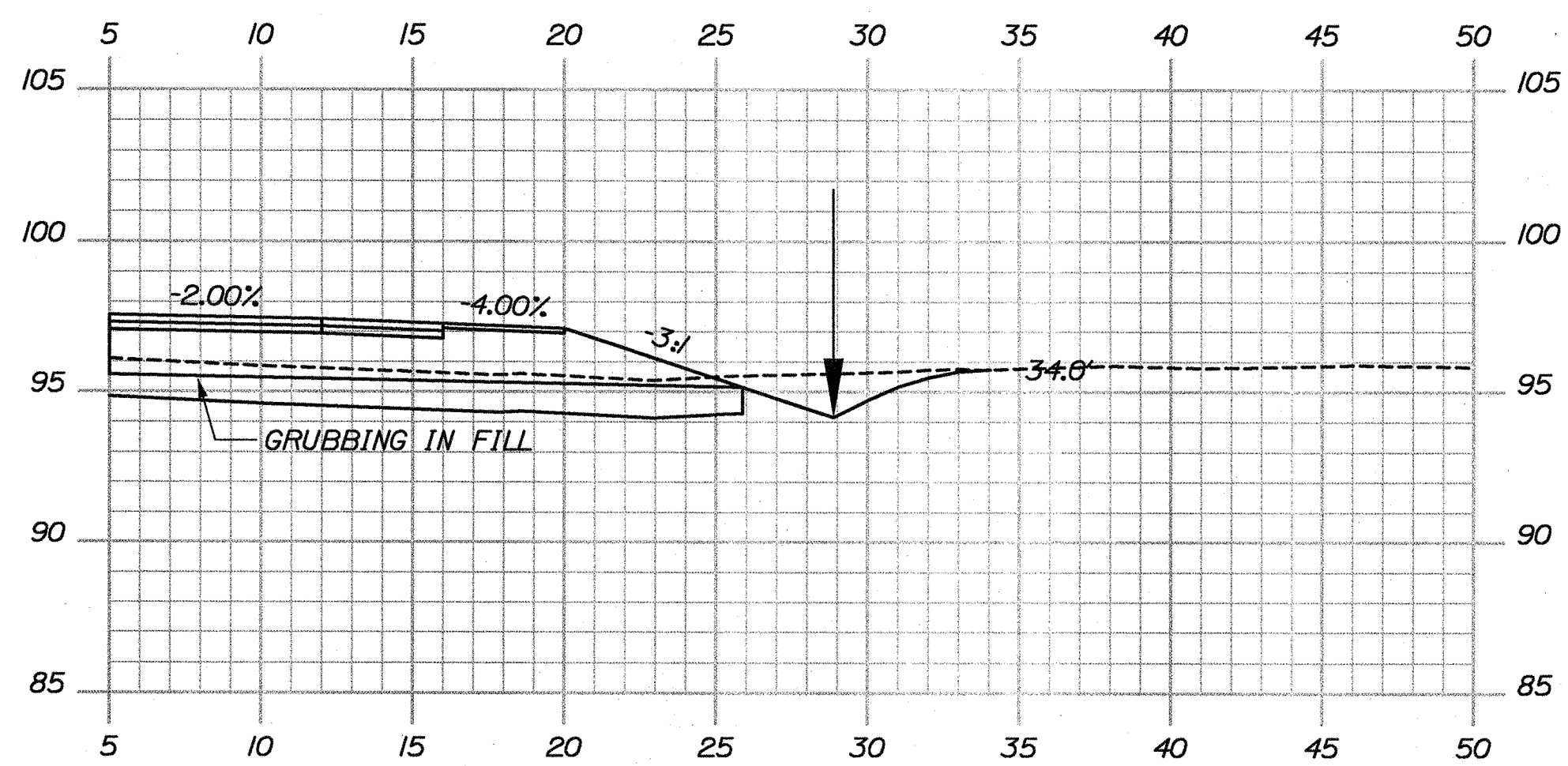
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33+82.50 (+1)



33+82.50

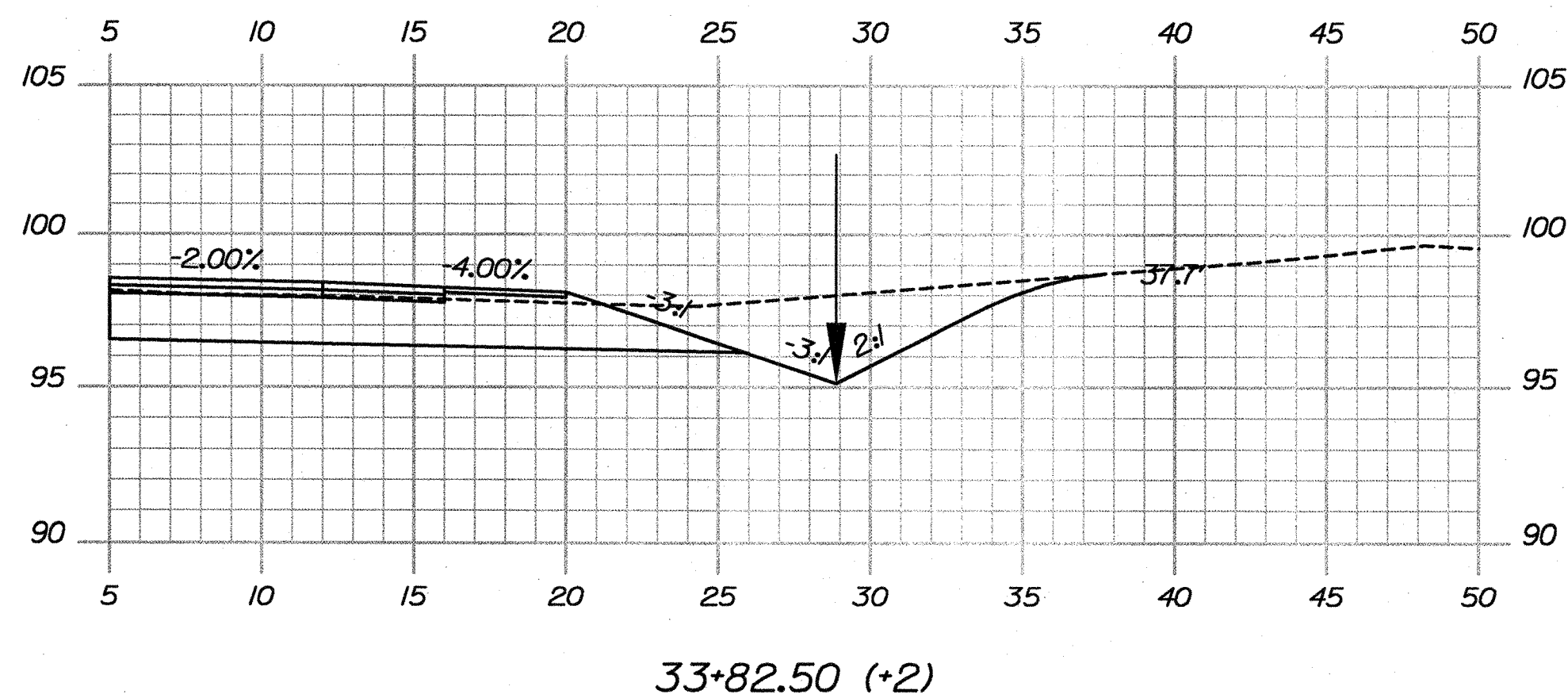
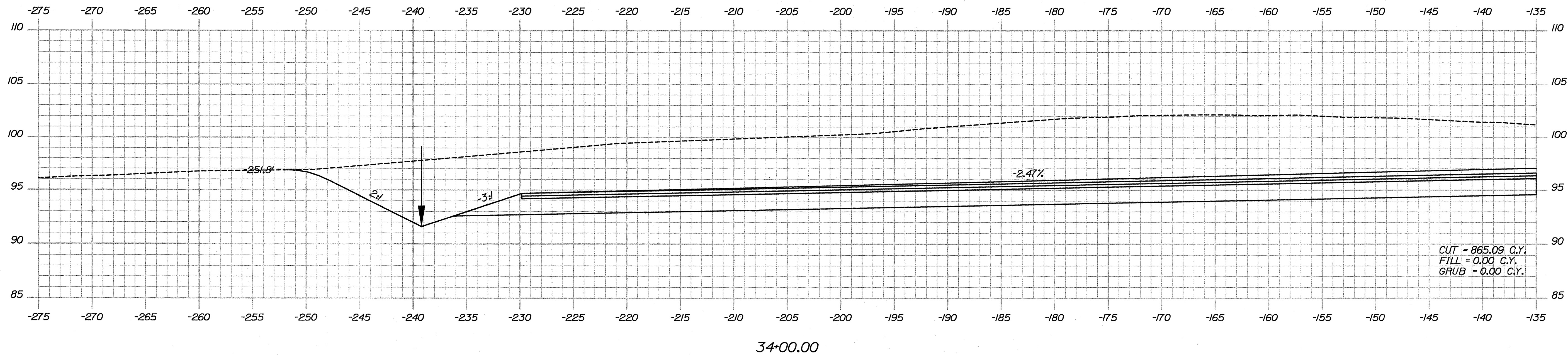
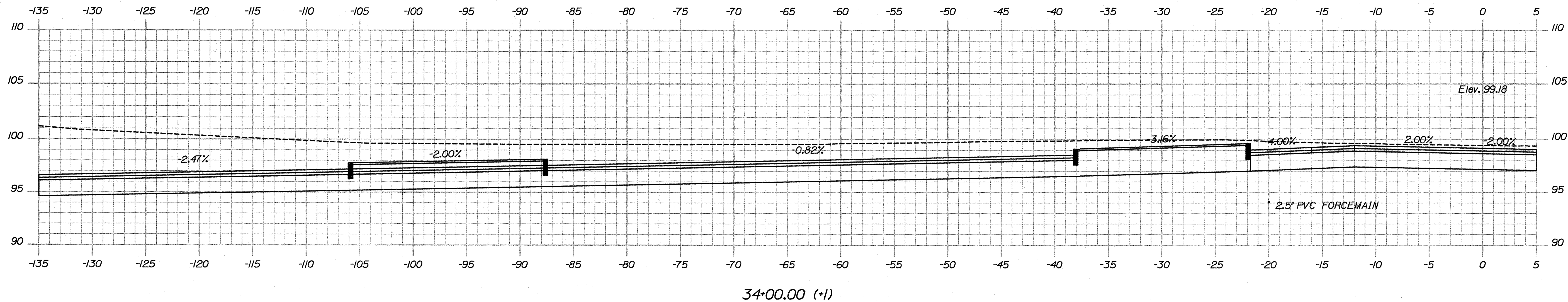


33+50.00 (+2)

PROJ. MANAGER	J. KITREDE	BY	DATE
DESIGN-DETAILED	J. COFFIN	J. COFFIN	
CHECKED-REVIEWED			
DESIGN-DETAILED3			
DESIGN-DETAILED2			
REVISIONS 1	607 REVIEW - JAN 2009		01-08-09
REVISIONS 2	907 REVIEW - FEB 2009		02-12-09
REVISIONS 3	ISSUED FOR BD		05-28-09
REVISIONS 4			
FIELD CHANGES			

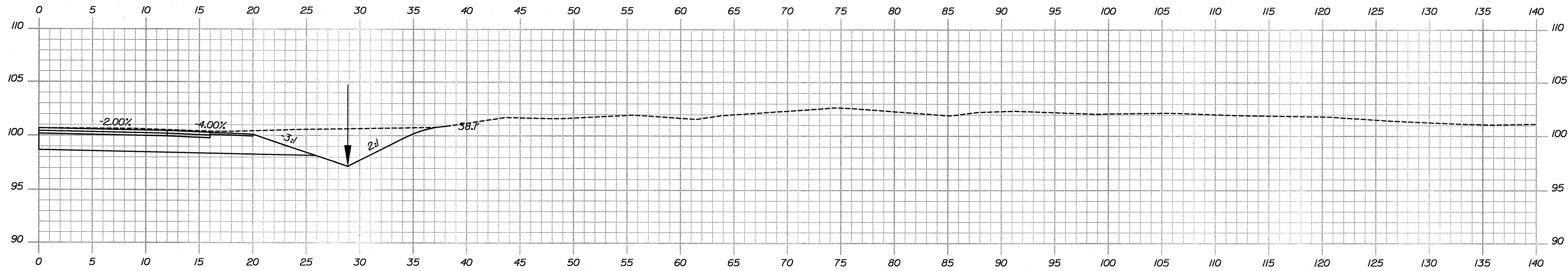
ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY
CROSS SECTIONS

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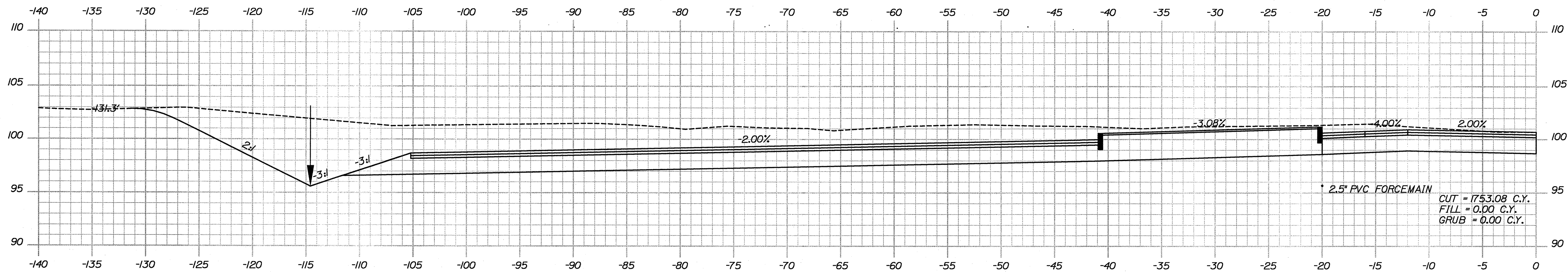


STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PIN 16123.50		HIGHWAY PLANS	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		CROSS SECTIONS		SHEET NUMBER C-42 OF 63	
PROJ. MANAGER J. KITRIDGE		BY J. COFFIN		DATE 05-28-09	
DESIGN-DETAILED J. COFFIN		CHECKED-REVIEWED J. COFFIN		SIGNATURE	
DESIGN-DETAILED2 J. COFFIN		CHECKED-REVIEWED2 J. COFFIN		P.E. NUMBER	
REVISIONS 1 60% REVIEW - JAN 2009 01-08-09		REVISIONS 2 90% REVIEW - FEB 2009 02-12-09		DATE	
REVISIONS 3 ISSUED FOR BD		REVISIONS 4 FIELD CHANGES			

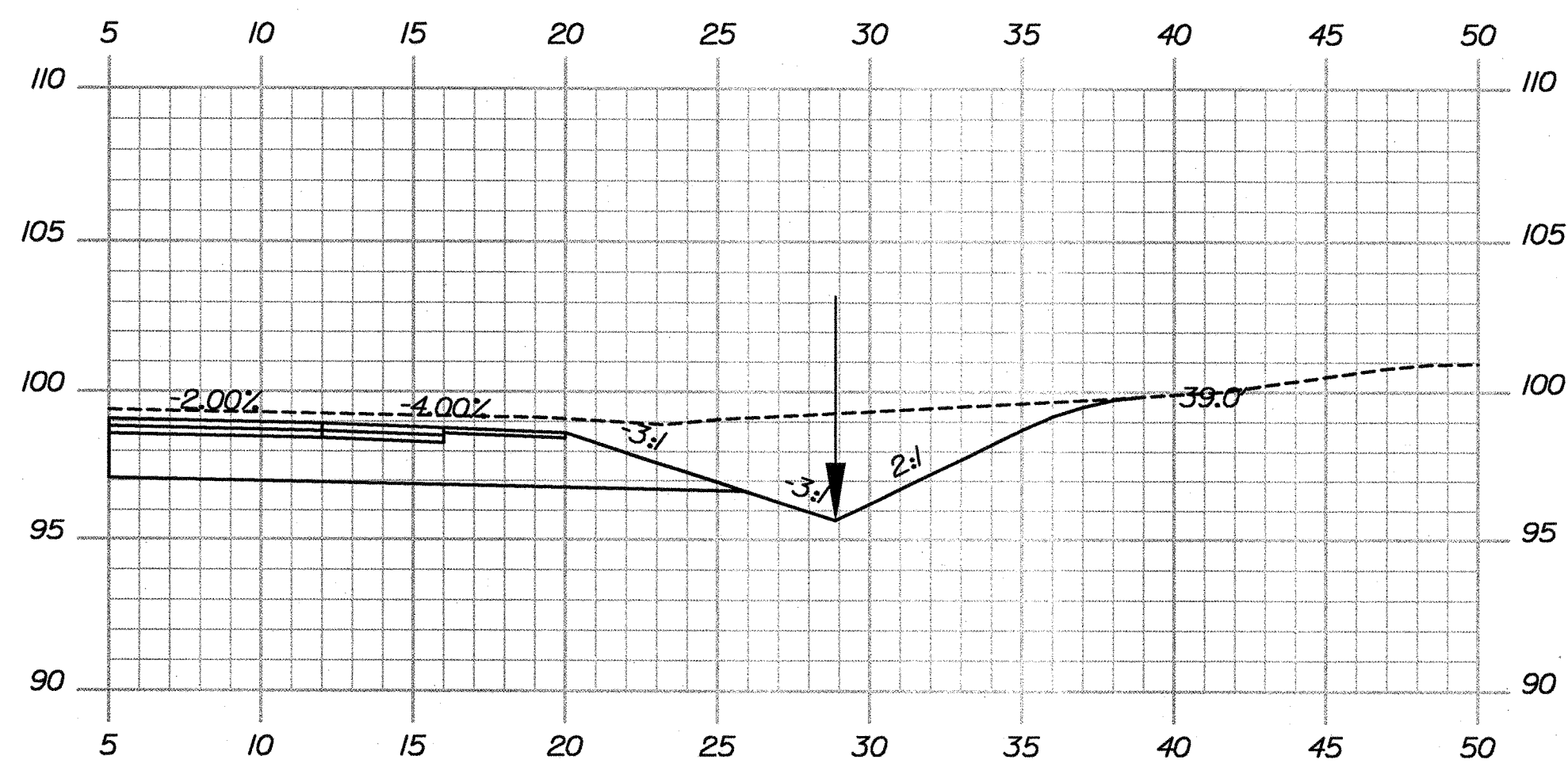
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34+50.00 (+1)



34+50.00



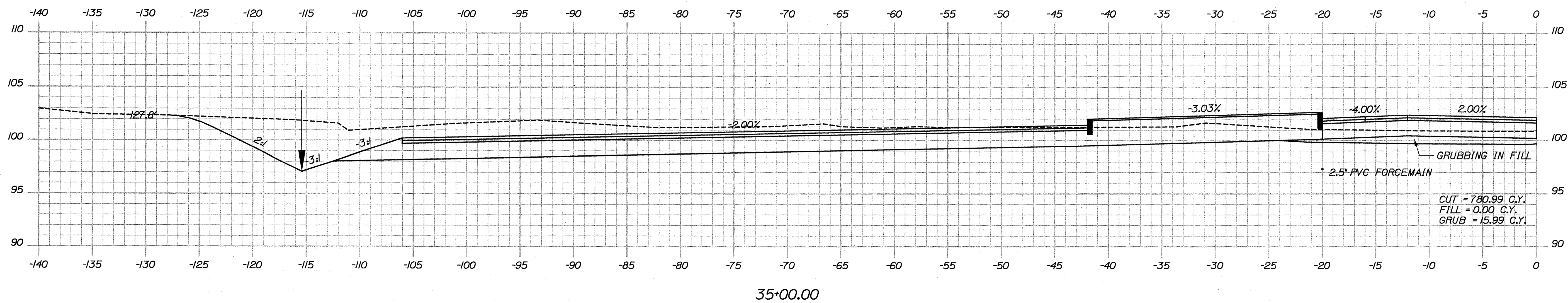
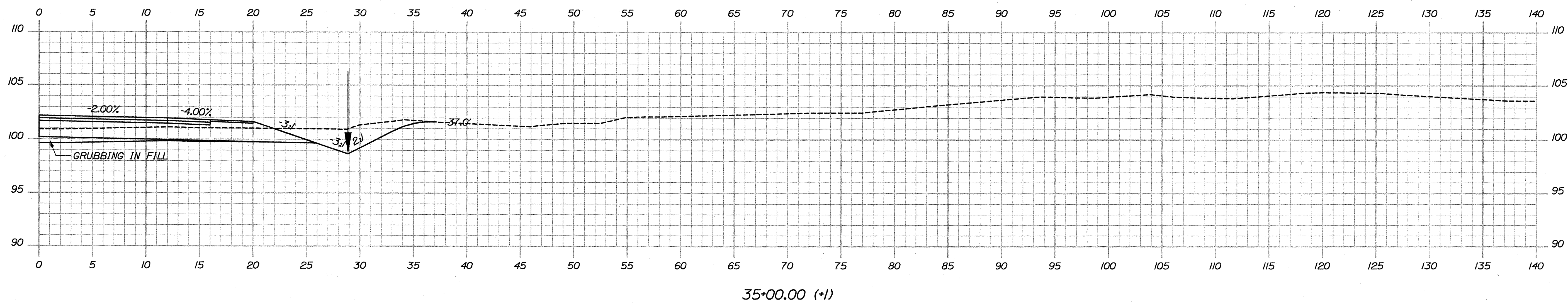
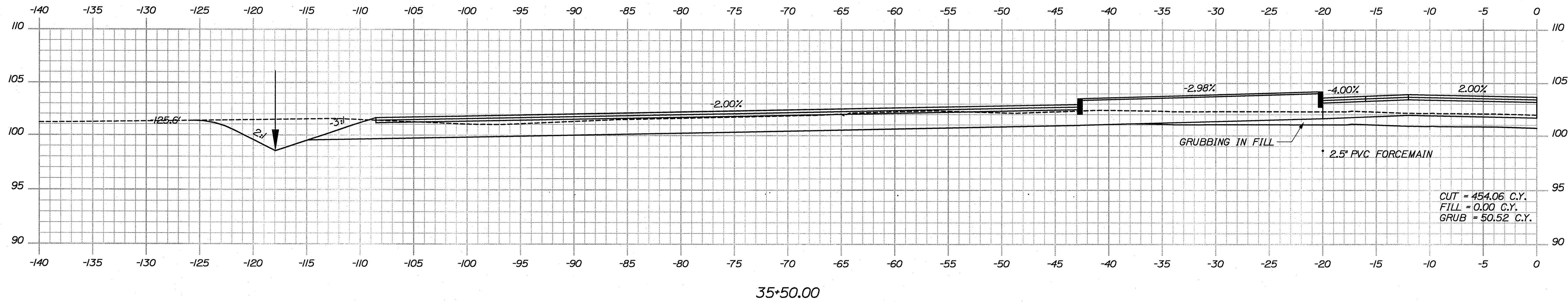
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Date: 9/10/2009

Username: Jeffrey.Vaileux

Division: HIGHWAY

Filename: ...\\msta\\044_XSECT_35+00_024.dgn



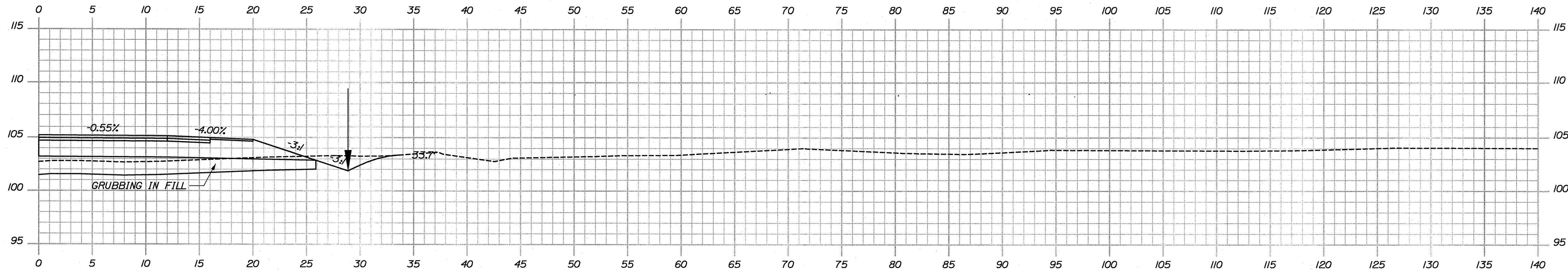
SIGNATURE	DATE
P.E. NUMBER	DATE

Date:9/10/2009

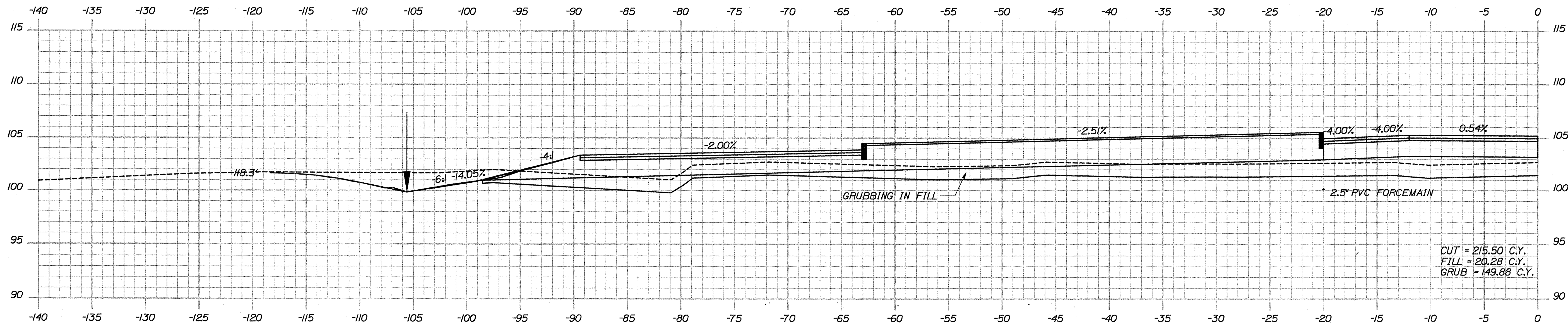
Username: Jeffrey.Vaileux

Division: HIGHWAY

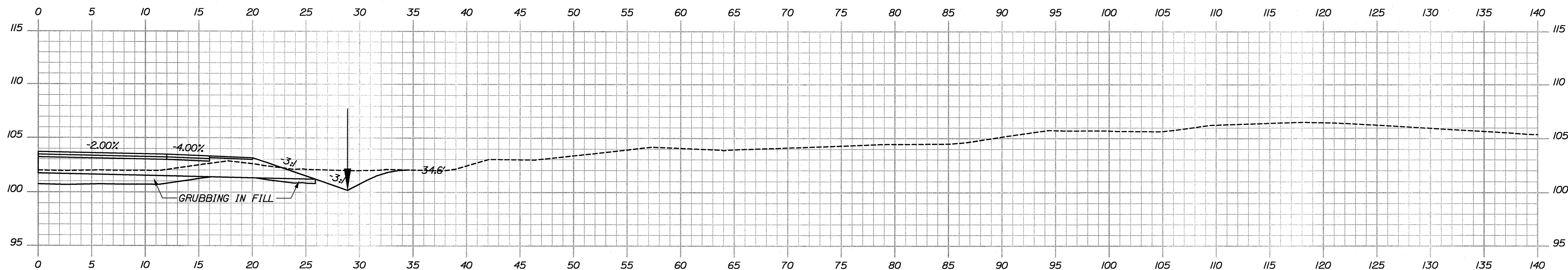
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36+00.00 (+1)



36+00.00



35+50.00 (+1)

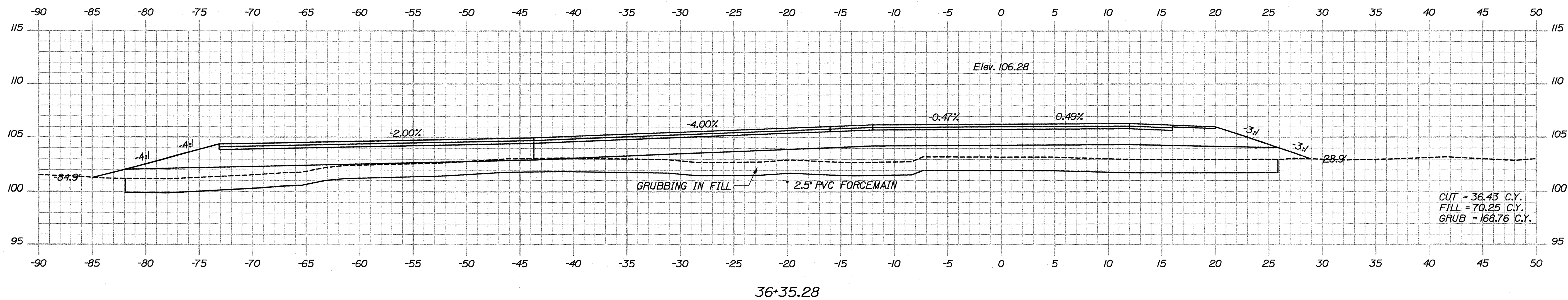
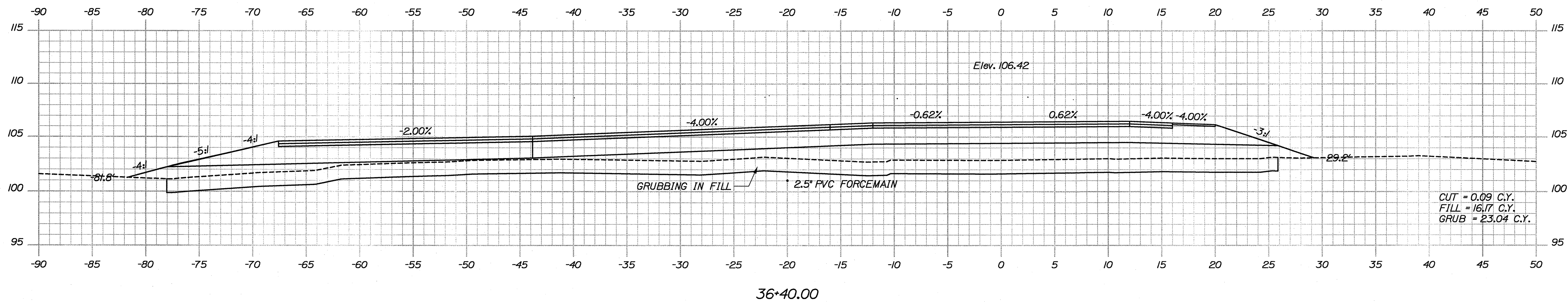
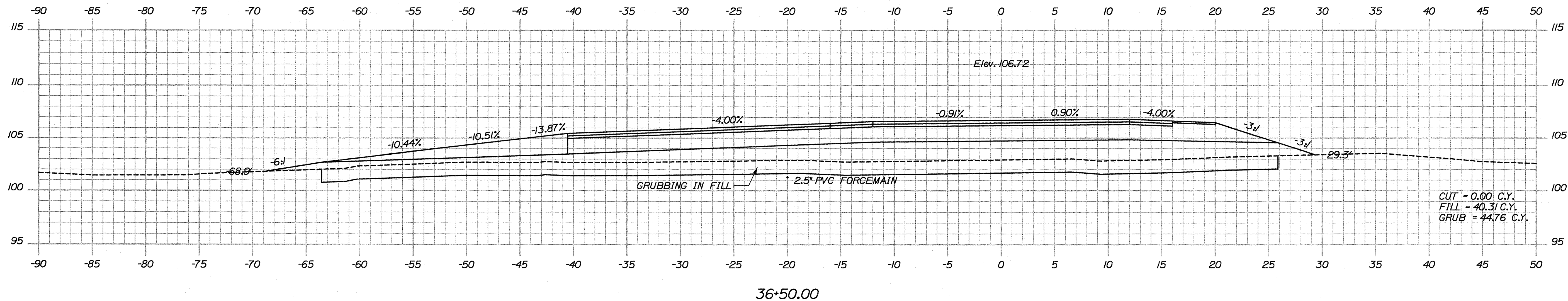
PROJ. MANAGER	J. KITTRIDGE	DATE	BY	J. COFFIN	SIGNATURE	P.E. NUMBER	DATE
CHECKED-REVIEWED	J. COFFIN						
DESIGN-REVIEWED							
DESIGN-REVIEWED							
REVISIONS 1	607 REVIEW	JAN 2009	01-08-09				
REVISIONS 2	907 REVIEW	FEB 2009	02-12-09				
REVISIONS 3	ISSUED FOR BID						
REVISIONS 4							
FIELD CHANGES							

Date:9/10/2009

Username: Jeffrey.Vailloux

Division: HIGHWAY

Filename: ...\\msta\046_XSECT_36+35_026.dgn

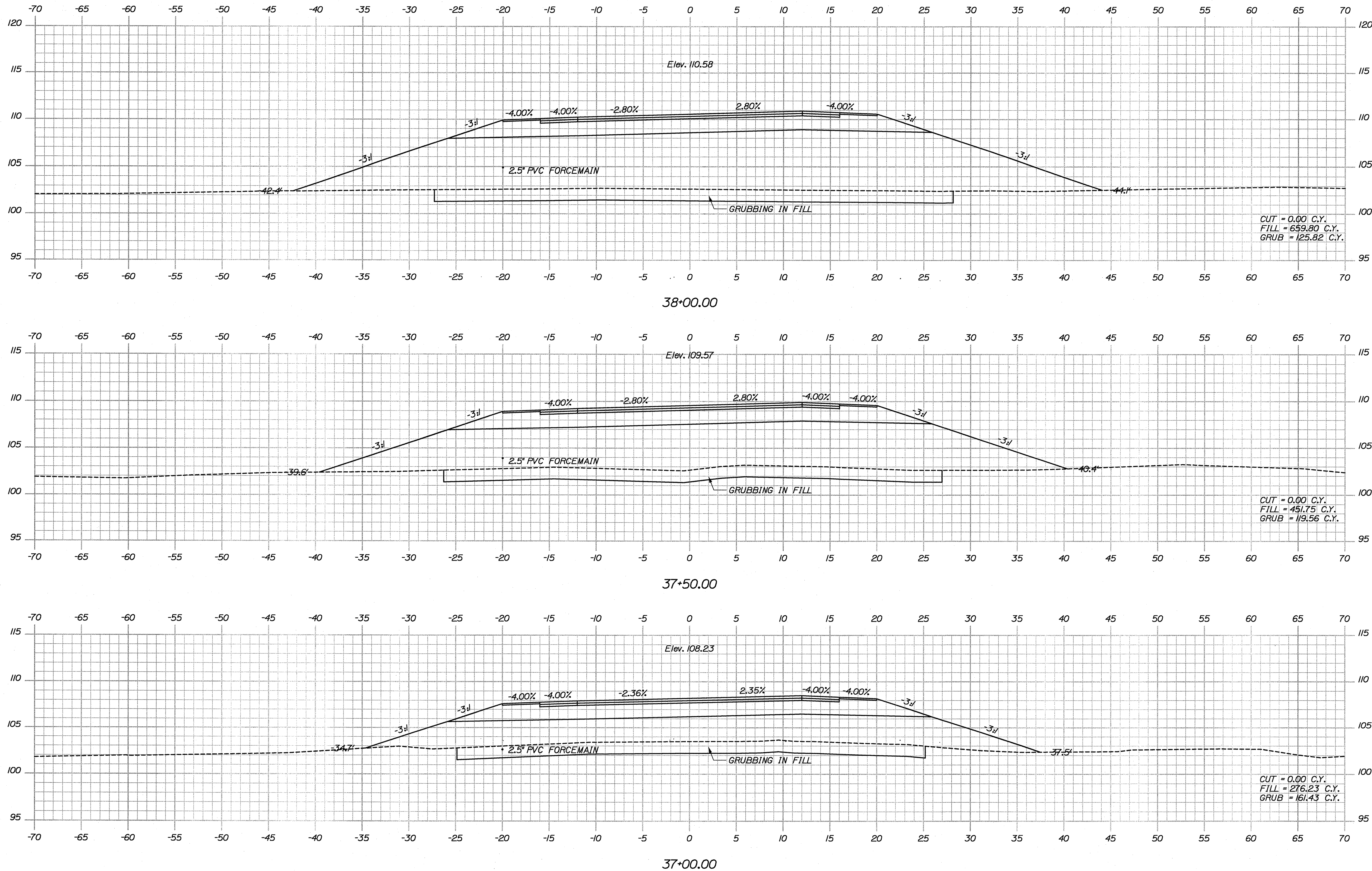


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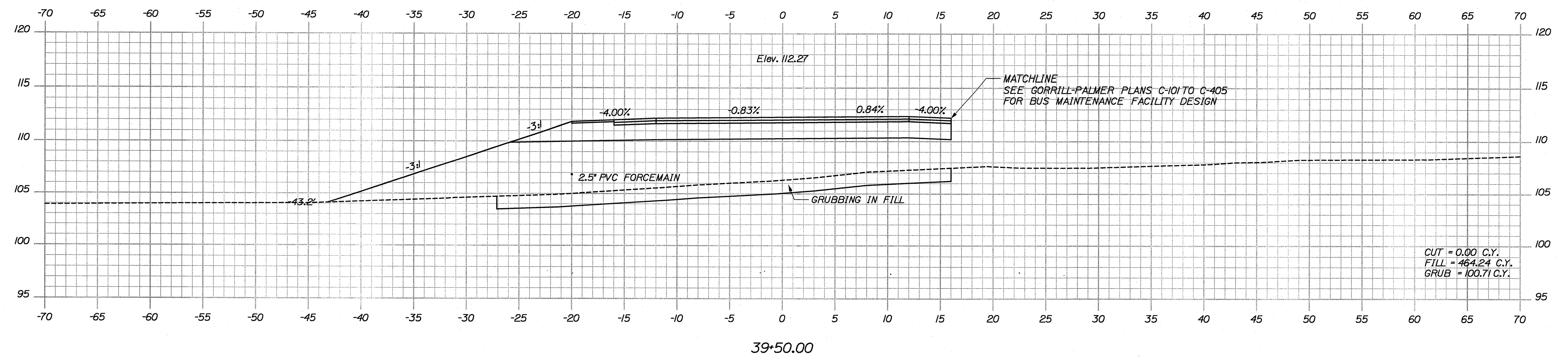
Username: Jeffrey.Veilux

Division: HIGHWAY

Date: 9/10/2009



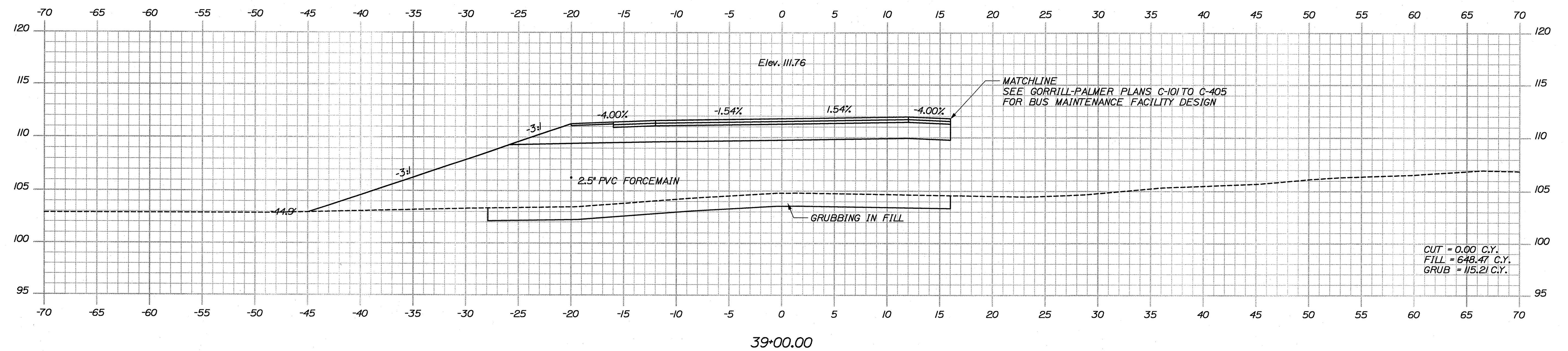
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE		P.E. NUMBER		DATE	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		J. COFFIN		J. COFFIN		01-08-09	
CROSS SECTIONS		DESIGN-DETAILED		DESIGN-DETAILED		DESIGN-DETAILED	
SHEET NUMBER		C-47		OF 63		HIGHWAY PLANS	



MATCHLINE
SEE GORRILL-PALMER PLANS C-101 TO C-405
FOR BUS MAINTENANCE FACILITY DESIGN

CUT = 0.00 C.Y.
FILL = 464.24 C.Y.
GRUB = 100.71 C.Y.

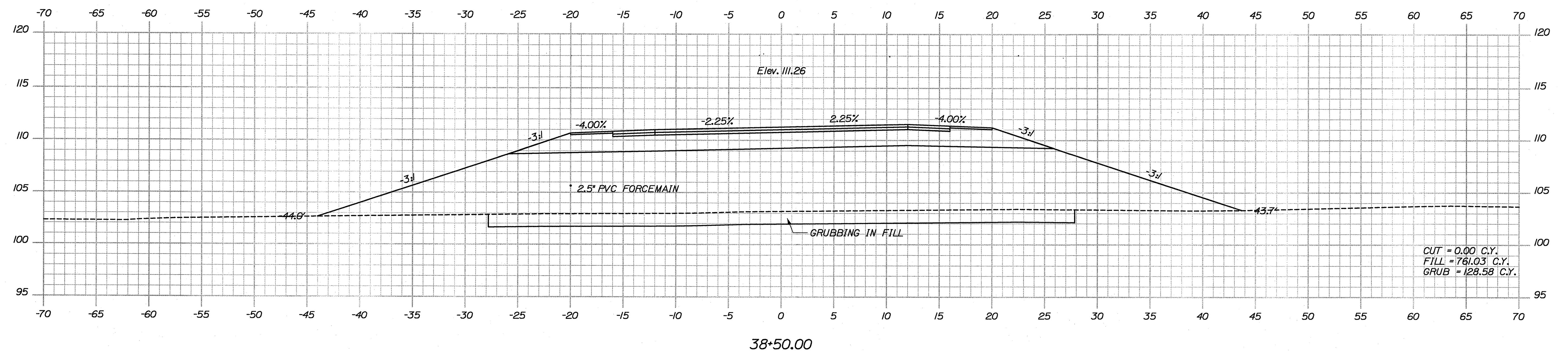
39+50.00



— MATCHLINE
SEE GORRILL-PALMER PLANS C-101 TO C-405
FOR BUS MAINTENANCE FACILITY DESIGN

CUT = 0.00 C.Y.
FILL = 648.47 C.Y.
GRUB = 115.21 C.Y.

39+00.00



CUT = 0.00 C.Y.
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GRUB = 128.58 C.Y.

38+50.00

Filename: ... \msta\048_XSECT_38+50_028.dgn Division: HIGHWAY Username: Jeffrey.Veilleux Date: 9/10/2009

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

16123.50

HIGHWAY PLANS

DESIGN-DETAILED	J. COFFIN	J. COFFIN	
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
		SIGNATURE	

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

CROSS SECTIONS

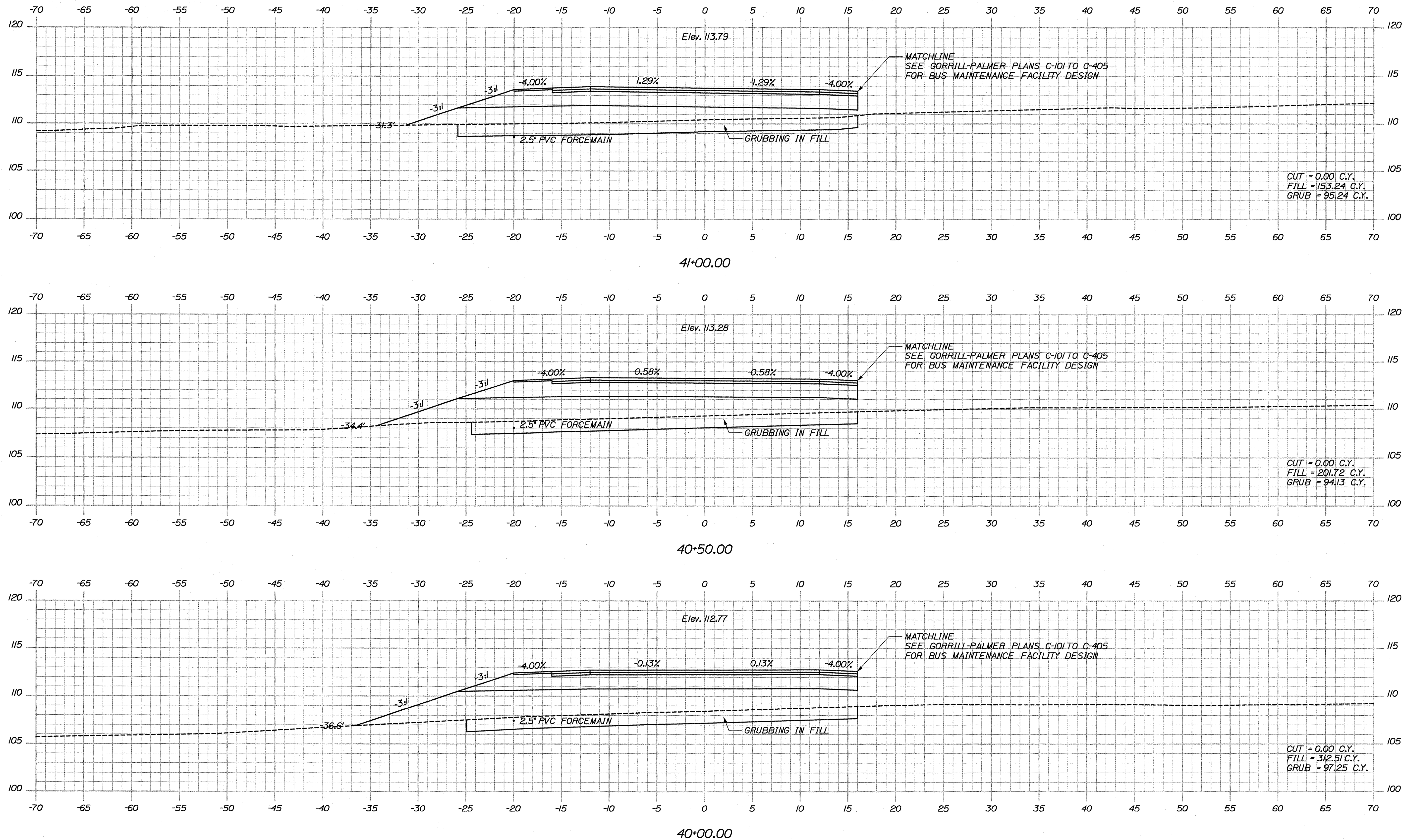
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C-48

F 63

Sta. 38+50.00 to Sta. 39+50.00

Filename: ...\\nsta\\049_XSECT_40+00_029.dgn Division: HIGHWAY Username: Jeffrey.Veilux Date: 9/10/2009



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PIN 16123.50		HIGHWAY PLANS	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		CROSS SECTIONS		SHEET NUMBER C-49	
PROJECT MANAGER J. KITRIDGE		CHECKED-REVIEWED J. COFFIN		DESIGNED-DETAILED J. COFFIN	
REVISIONS 1 60% REVIEW - JAN 2009 01-08-09		REVISIONS 2 90% REVIEW - FEB 2009 02-12-09		REVISIONS 3 ISSUED FOR BD	
REVISIONS 4 FIELD CHANGES		SIGNATURE		P.E. NUMBER	
DATE		DATE		DATE	

OF 63

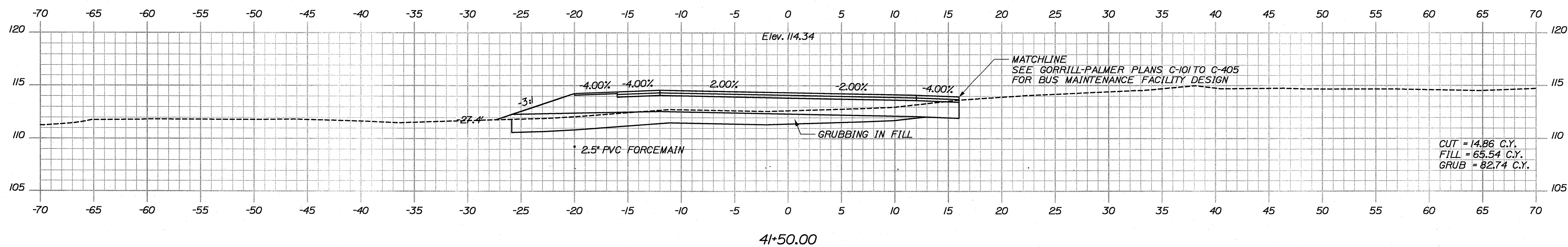
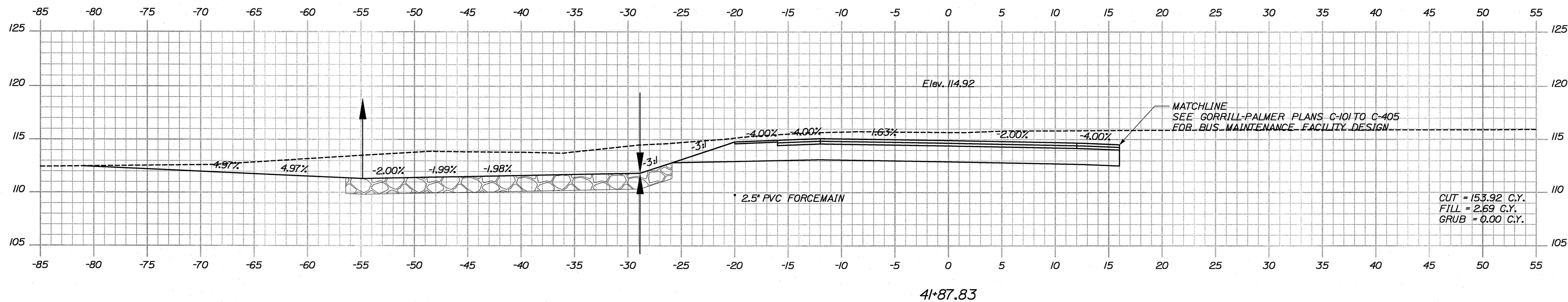
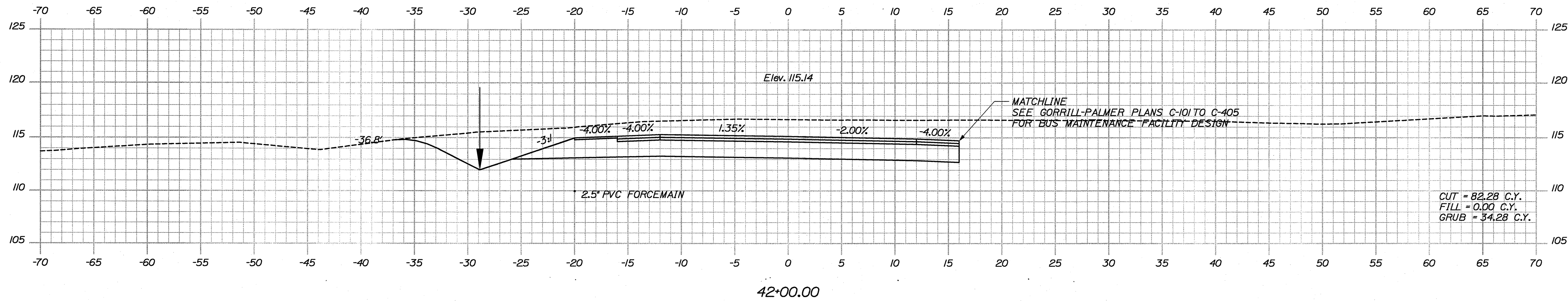
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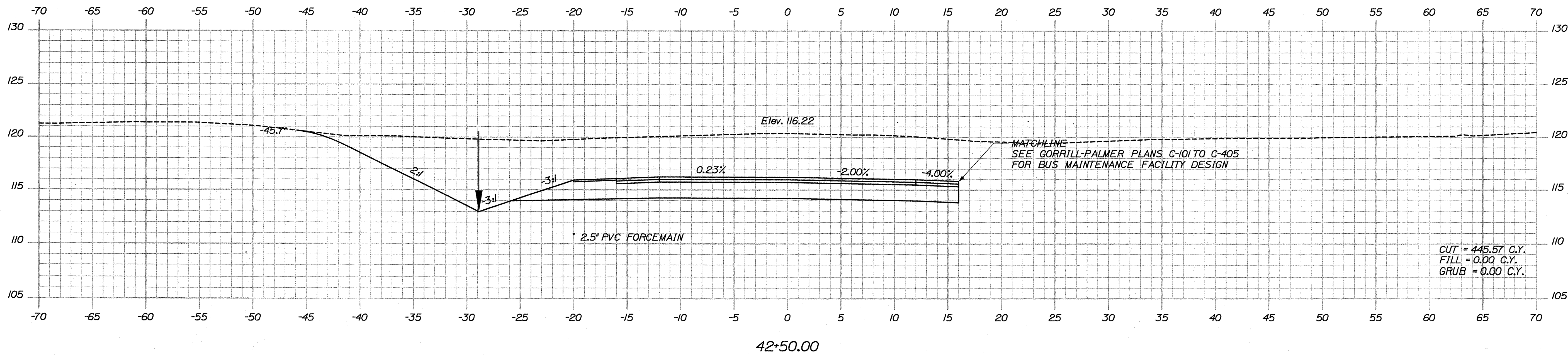
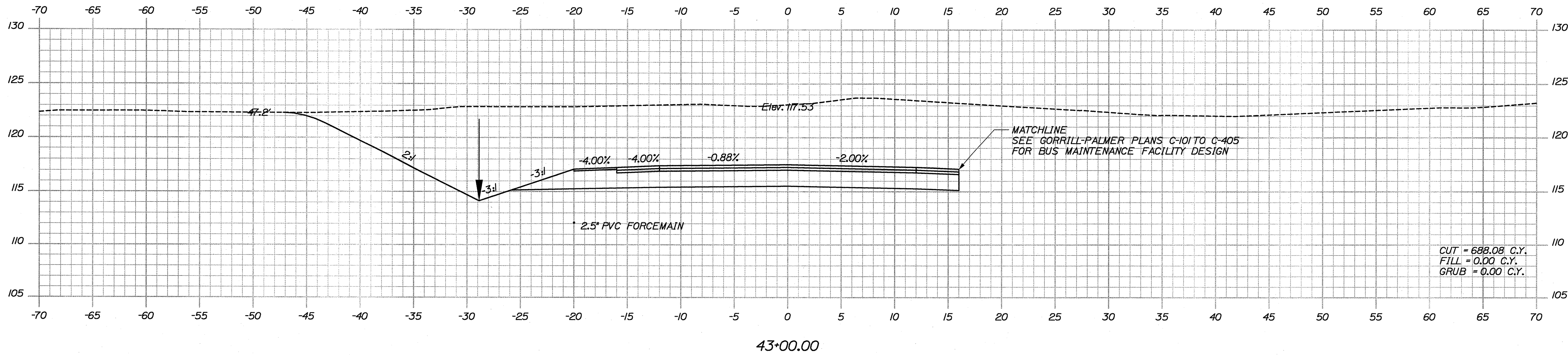
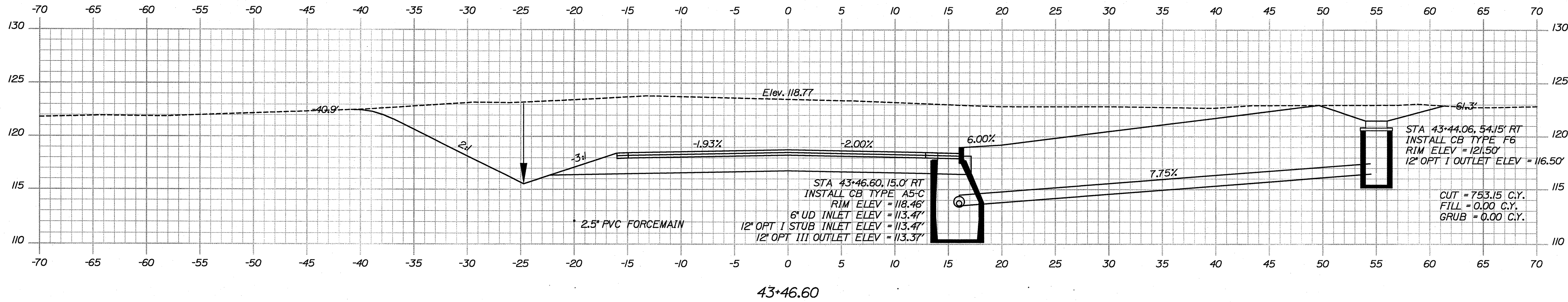
Username: Jeffrey.Velleux

Division: HIGHWAY

Date: 9/10/2009



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STATE OF MAINE DEPARTMENT OF TRANSPORTATION		PIN 16123.50		HIGHWAY PLANS	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		CROSS SECTIONS		SHEET NUMBER C-51 OF 63	
PROJ. MANAGER J. KITREDGE	CHECKED-REVIEWED J. COFFIN	DESIGNED-DETAILED J. COFFIN	DATE JAN 2009	SIGNATURE J. COFFIN	P.E. NUMBER 01-08-09
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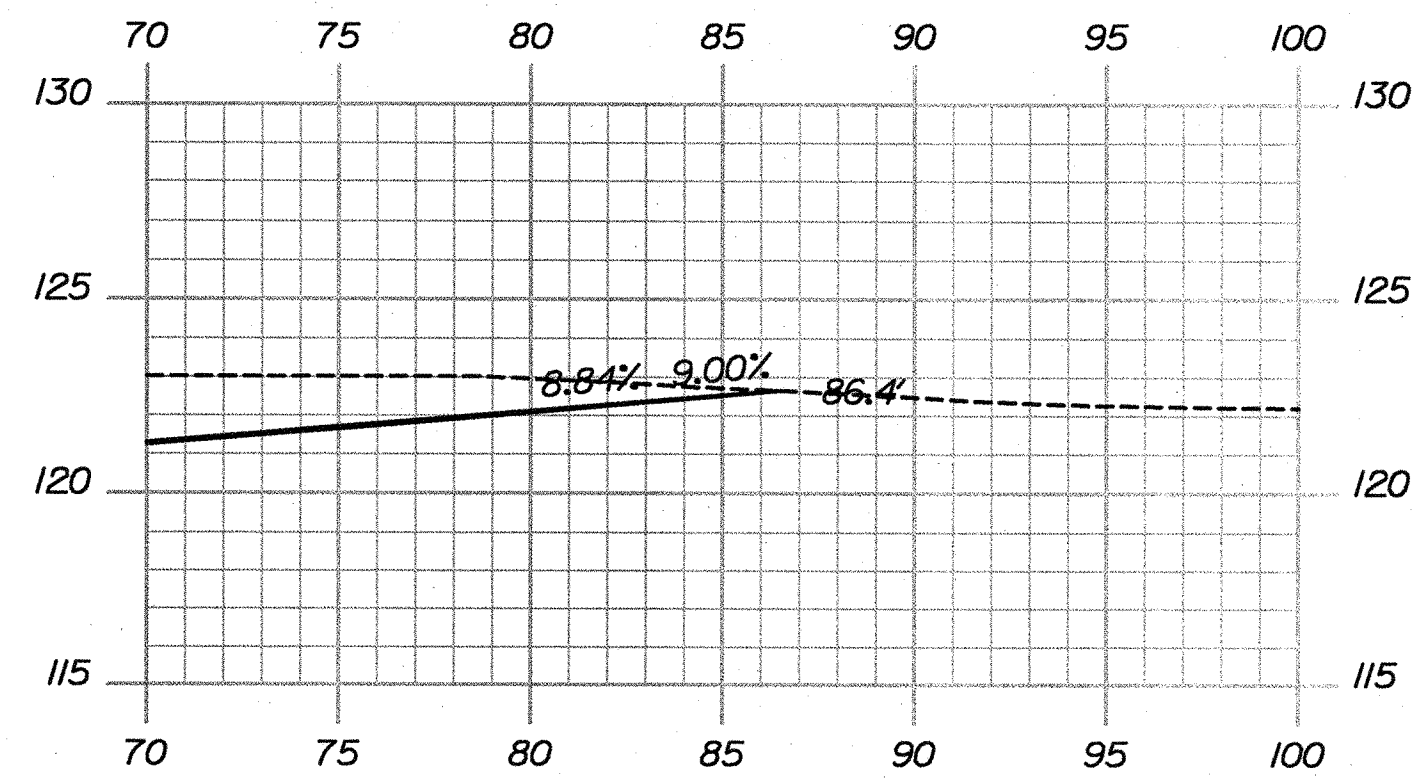
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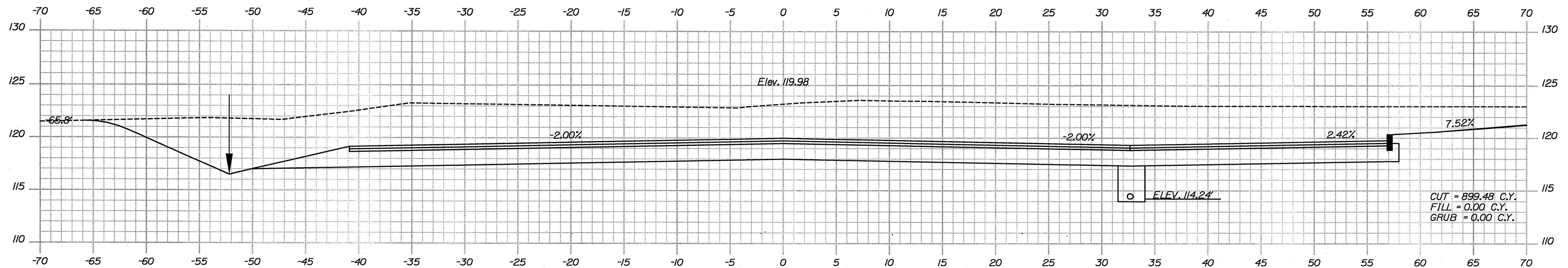
Username: Jeffrey.Vaileux

Division: HIGHWAY

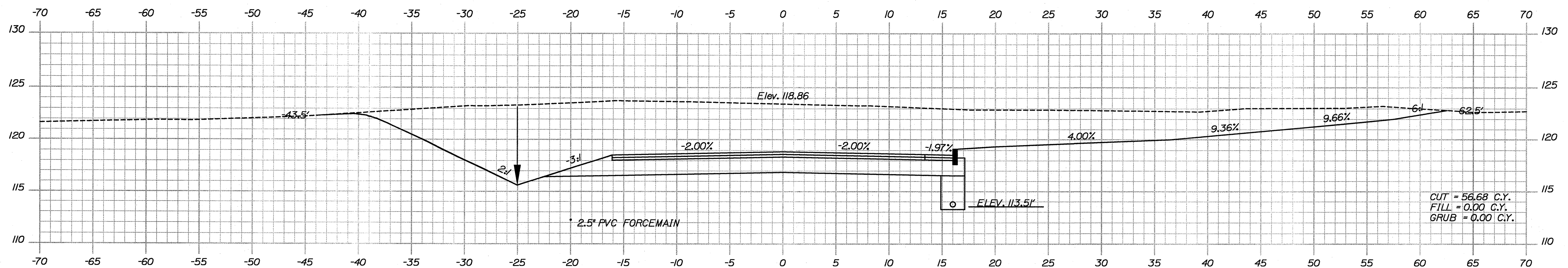
Date: 9/10/2009



44+00.00 (+1)



44+00.00



43+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PIN
16123.50

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

DATE

BY

J. COFFIN

J. COFFIN

DESIGN-REVIEWED

DESIGN-REVIEWED

DESIGN-REVIEWED

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

60% REVIEW - JAN 2009 01-08-09

90% REVIEW - FEB 2009 02-12-09

ISSUED FOR BID

05-28-09

05-28-09

05-28-09

05-28-09

05-28-09

05-28-09

05-28-09

05-28-09

05-28-09

05-28-09

05-28-09

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

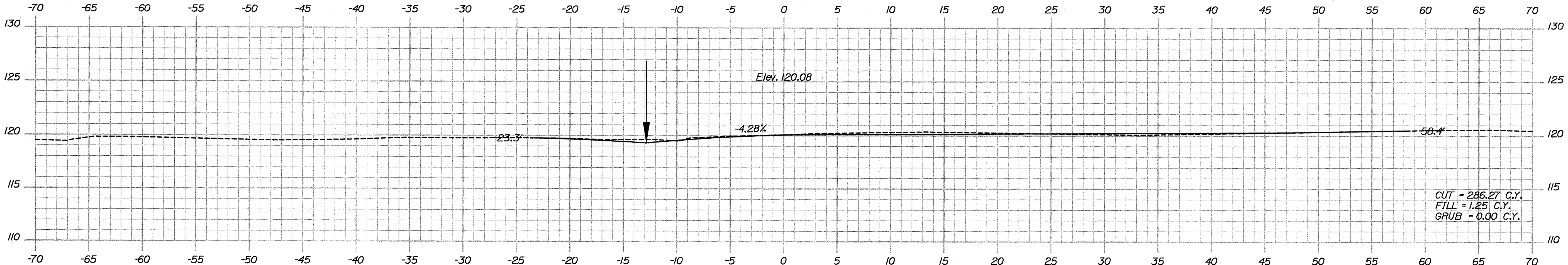
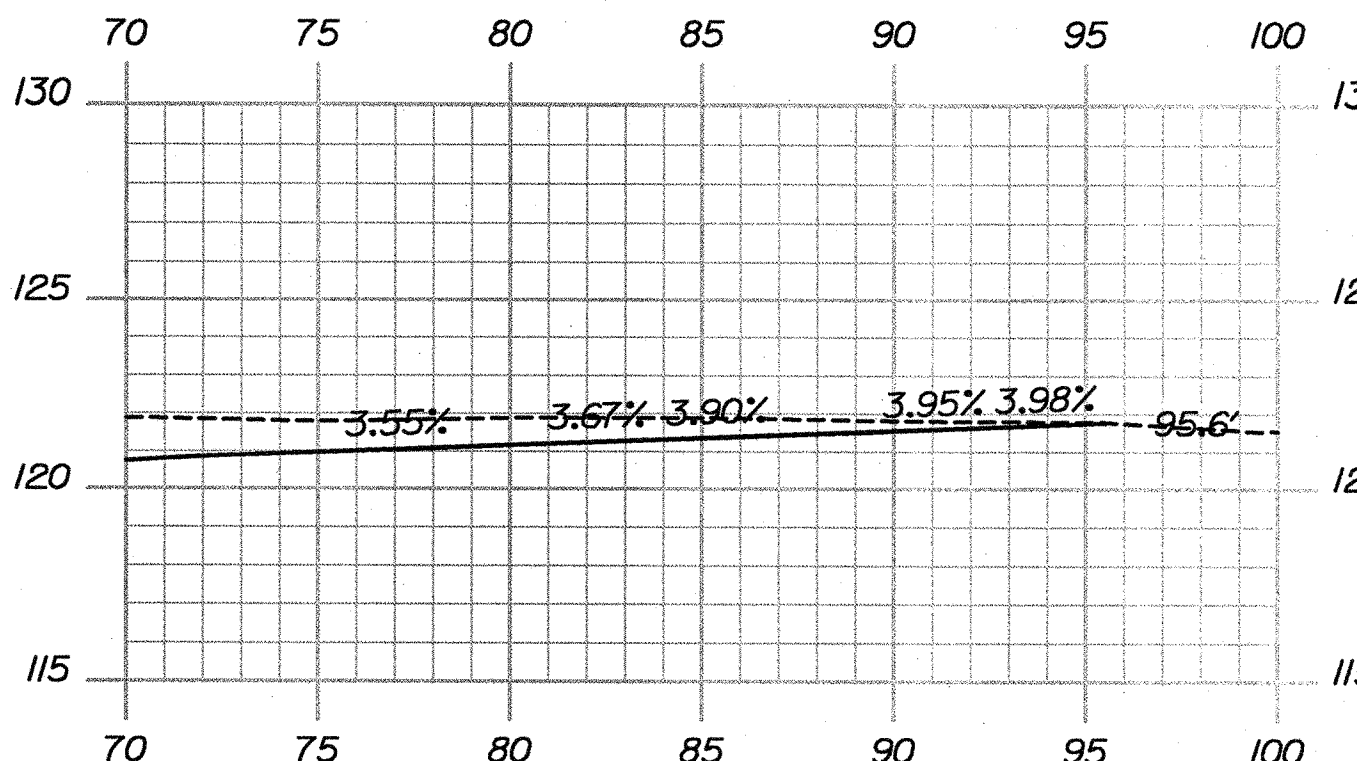
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C-52

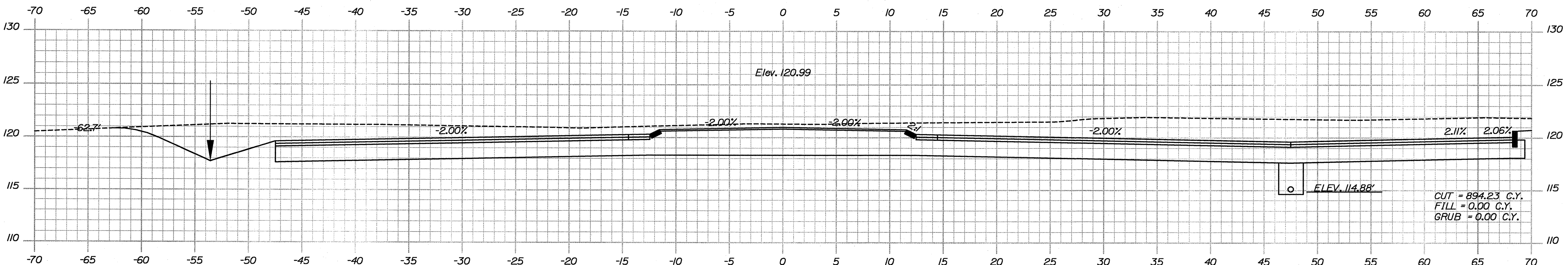
OF 63

Sta. 43+50.00 to Sta. 44+00.00

Filename: ... \

 $44+84.35$ 

44+50.00 (+1)



44+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

16123.50 HIGHWAY PLANS

SIGNATURE

DATE	F.E. NUMBER
------	-------------

DATE _____

DESIGN-DETAILED	J. COFFIN	J. COFFIN
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		

REVISIONS 1	80% REVIEW - JAN 2000
REVISIONS 2	90% REVIEW - FEB 2000
REVISIONS 3	ISSUED FOR BID

REVISIONS 4	FIELD CHANGES

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

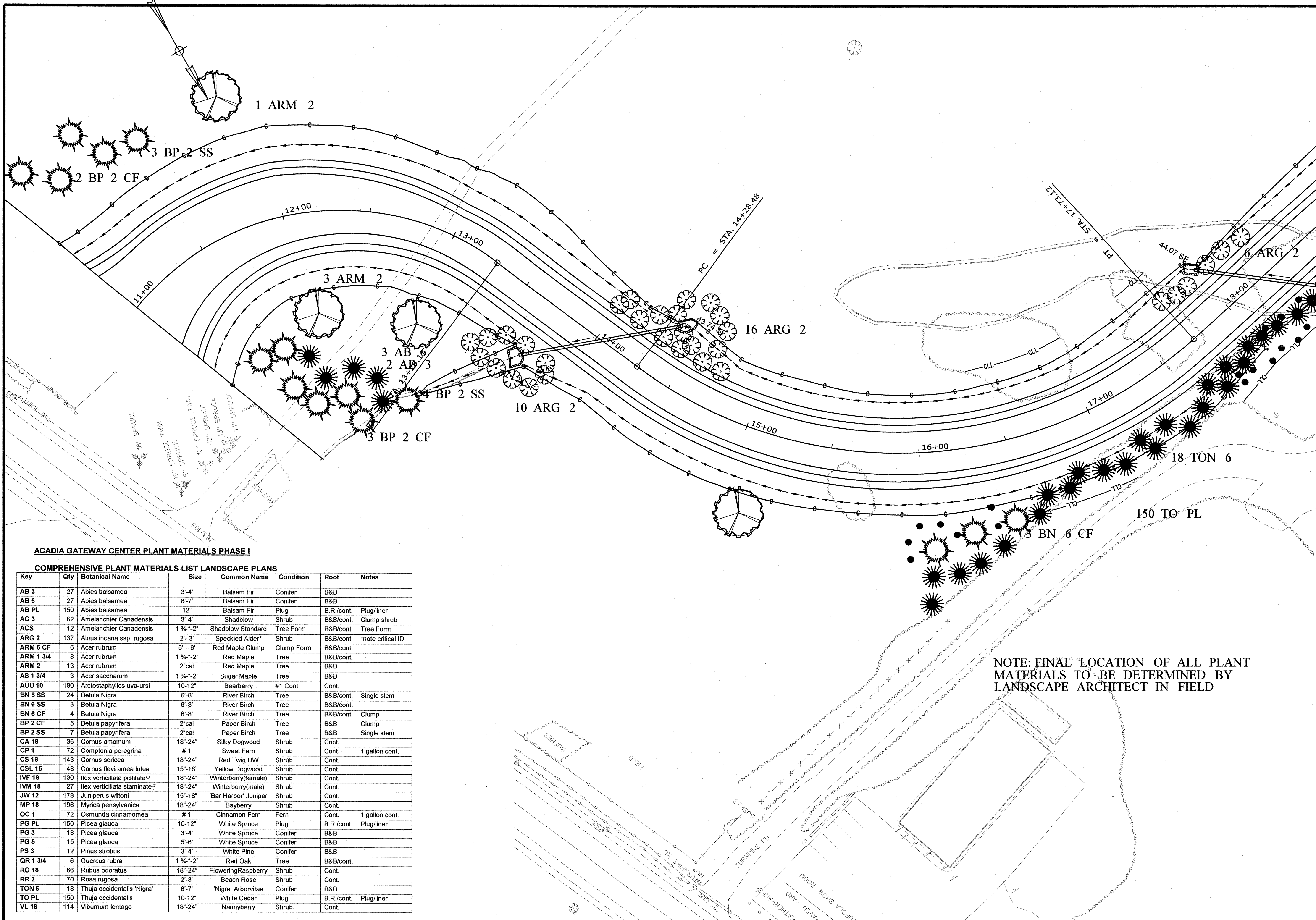
CROSS SECTIONS

SHEET NUMBER

C-53

F 63

Sta. 44+50.00 to Sta. 44+84.35



ACADIA GATEWAY CENTER PLANT MATERIALS PHASE I

COMPREHENSIVE PLANT MATERIALS LIST LANDSCAPE PLANS

Key	Qty	Botanical Name	Size	Common Name	Condition	Root	Notes
AB 3	27	Abies balsamea	3'-4'	Balsam Fir	Conifer	B&B	
AB 6	27	Abies balsamea	6'-7'	Balsam Fir	Conifer	B&B	
AB PL	150	Abies balsamea	12"	Balsam Fir	Plug	B.R./cont.	Plug/liner
AC 3	62	Amelanchier Canadensis	3'-4'	Shadblow	Shrub	B&B/cont.	Clump shrub
ACS	12	Amelanchier Canadensis	1 1/4"-2"	Shadblow Standard	Tree Form	B&B/cont.	Tree Form
ARG 2	137	Alnus incana ssp. rugosa	2'-3'	Speckled Alder*	Shrub	B&B/cont.	*note critical ID
ARM 6 CF	6	Acer rubrum	6'-8'	Red Maple Clump	Clump Form	B&B/cont.	
ARM 1 3/4	8	Acer rubrum	1 1/4"-2"	Red Maple	Tree	B&B/cont.	
ARM 2	13	Acer rubrum	2"cal	Red Maple	Tree	B&B	
AS 1 3/4	3	Acer saccharum	1 1/4"-2"	Sugar Maple	Tree	B&B	
AUU 10	180	Arctostaphylos uva-ursi	10-12"	Bearberry	#1 Cont.	Cont.	
BN 5 SS	24	Betula Nigra	6'-8'	River Birch	Tree	B&B/cont.	Single stem
BN 6 SS	3	Betula Nigra	6'-8'	River Birch	Tree	B&B/cont.	
BN 6 CF	4	Betula Nigra	6'-8'	River Birch	Tree	B&B/cont.	Clump
BP 2 CF	5	Betula papyrifera	2"cal	Paper Birch	Tree	B&B	Clump
BP 2 SS	7	Betula papyrifera	2"cal	Paper Birch	Tree	B&B	Single stem
CA 18	36	Cornus amomum	18"-24"	Silky Dogwood	Shrub	Cont.	
CP 1	72	Comptonia peregrina	#1	Sweet Fern	Shrub	Cont.	1 gallon cont.
CS 18	143	Cornus sericea	18"-24"	Red Twig DW	Shrub	Cont.	
CSL 15	48	Cornus fleviramea lutea	15"-18"	Yellow Dogwood	Shrub	Cont.	
IVF 18	130	Ilex verticillata pistillate	18"-24"	Winterberry(female)	Shrub	Cont.	
IVM 18	27	Ilex verticillata staminate	18"-24"	Winterberry(male)	Shrub	Cont.	
JW 12	178	Juniperus wiltoni	15"-18"	'Bar Harbor' Juniper	Shrub	Cont.	
MP 18	196	Myrica pensylvanica	18"-24"	Bayberry	Shrub	Cont.	
OC 1	72	Osmunda cinnamomea	#1	Cinnamon Fern	Fern	Cont.	1 gallon cont.
PG PL	150	Picea glauca	10-12"	White Spruce	Plug	B.R./cont.	Plug/liner
PG 3	18	Picea glauca	3'-4'	White Spruce	Conifer	B&B	
PG 5	15	Picea glauca	5'-6'	White Spruce	Conifer	B&B	
PS 3	12	Pinus strobus	3'-4'	White Pine	Conifer	B&B	
QR 1 3/4	6	Quercus rubra	1 1/4"-2"	Red Oak	Tree	B&B/cont.	
RO 18	66	Rubus odoratus	18"-24"	FloweringRaspberry	Shrub	Cont.	
RR 2	70	Rosa rugosa	2'-3'	Beach Rose	Shrub	Cont.	
TON 6	18	Thuja occidentalis 'Nigra'	6'-7'	'Nigra' Arborvitae	Conifer	B&B	
TO PL	150	Thuja occidentalis	10-12"	White Cedar	Plug	B.R./cont.	Plug/liner
VL 18	114	Viburnum lentago	18"-24"	Nannyberry	Shrub	Cont.	

NOTE: FINAL LOCATION OF ALL PLANT MATERIALS TO BE DETERMINED BY LANDSCAPE ARCHITECT IN FIELD

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

SHEET NUMBER
C-54
OF 63

PROJ. MANAGER
J. KITREDE

CHECKED-REVIEWED
J. COFFIN

DESIGN-DETAILED
J. COFFIN

DESIGN-DETAILED
J. COFFIN

REVISIONS 1
60% REVIEW - JAN 2009 01-08-09

REVISIONS 2
90% REVIEW - FEB 2009 02-12-09

REVISIONS 3
ISSUED FOR BID

REVISIONS 4
FIELD CHANGES

DATE
J. COFFIN

BY
J. COFFIN

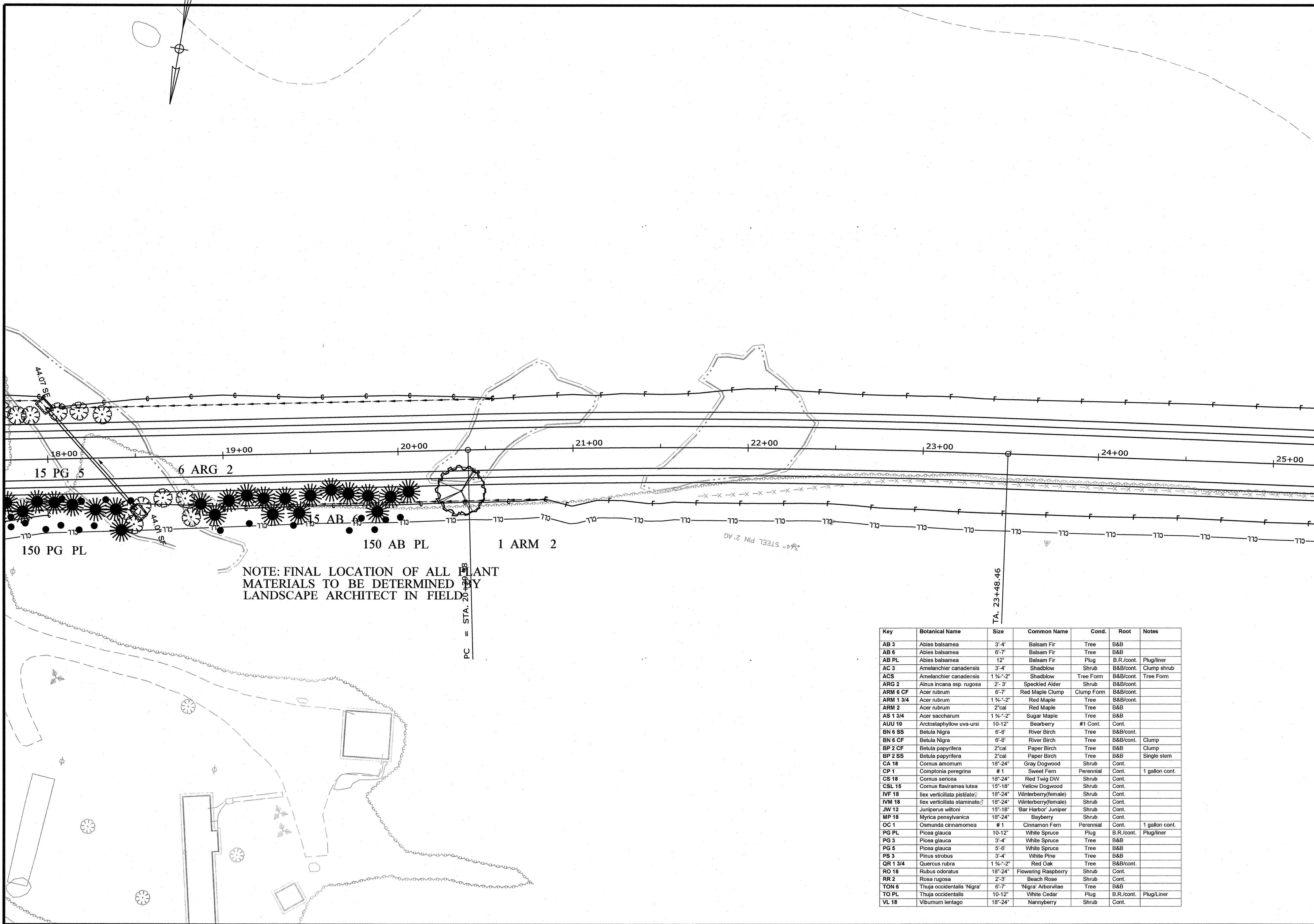
SIGNATURE
J. COFFIN

P.E. NUMBER
01-08-09

DATE
05-28-09

LANDSCAPE SHEET 1 OF 5

PIN
16123.50
HIGHWAY PLANS



Key	Botanical Name	Size	Common Name	Cond.	Root	Notes
AB 3	Abies balsamea	3'-4'	Balsam Fir	Tree	B&B	
AB 6	Abies balsamea	6'-7'	Balsam Fir	Tree	B&B	
AB PL	Abies balsamea	12"	Balsam Fir	Plug	B.R./cont.	Plug/liner
AC 3	Amelanchier canadensis	3'-4'	Shadblow	Shrub	B&B/cont.	Clump shrub
ACS	Amelanchier canadensis	1 1/2"-2"	Shadblow	Tree Form	B&B/cont.	Tree Form
ARG 2	Alnus incana ssp. rugosa	2'-3'	Speckled Alder	Shrub	B&B/cont.	
ARM 6 CF	Acer rubrum	6'-7'	Red Maple Clump	Clump Form	B&B/cont.	
ARM 1 3/4	Acer rubrum	1 1/2"-2"	Red Maple	Tree	B&B/cont.	
ARM 2	Acer rubrum	2"cal	Red Maple	Tree	B&B	
AS 1 3/4	Acer saccharum	1 1/2"-2"	Sugar Maple	Tree	B&B	
AUU 10	Arctostaphylos uva-ursi	10-12"	Bearberry	#1 Cont.	Cont.	
BN 6 SS	Betula Nigra	6'-8"	River Birch	Tree	B&B/cont.	
BN 6 CF	Betula Nigra	6'-8"	River Birch	Tree	B&B/cont.	Clump
BP 2 CF	Betula papyrifera	2"cal	Paper Birch	Tree	B&B	Clump
BP 2 SS	Betula papyrifera	2"cal	Paper Birch	Tree	B&B	Single stem
CA 18	Cornus amomum	18"-24"	Gray Dogwood	Shrub	Cont.	
CP 1	Comptonia peregrina	# 1	Sweet Fern	Perennial	Cont.	1 gallon cont.
CS 18	Cornus sericea	18"-24"	Red Twig DW	Shrub	Cont.	
CSL 15	Cornus flaviramea lutea	15"-18"	Yellow Dogwood	Shrub	Cont.	
IVF 18	Ilex verticillata pistillate	18"-24"	Winterberry(female)	Shrub	Cont.	
IVM 18	Ilex verticillata staminate	18"-24"	Winterberry(female)	Shrub	Cont.	
JW 12	Juniperus wiltoni	15"-18"	'Bar Harbor' Juniper	Shrub	Cont.	
MP 18	Myrica pensylvanica	18"-24"	Bayberry	Shrub	Cont.	
OC 1	Osmunda cinnamomea	# 1	Cinnamon Fern	Perennial	Cont.	1 gallon cont.
PG PL	Picea glauca	10-12"	White Spruce	Plug	B.R./cont.	Plug/liner
PG 3	Picea glauca	3'-4'	White Spruce	Tree	B&B	
PG 5	Picea glauca	5'-6'	White Spruce	Tree	B&B	
PS 3	Pinus strobus	3'-4'	White Pine	Tree	B&B	
QR 1 3/4	Quercus rubra	1 1/2"-2"	Red Oak	Tree	B&B/cont.	
RO 18	Rubus odoratus	18"-24"	Flowering Raspberry	Shrub	Cont.	
RR 2	Rosa rugosa	2'-3'	Beach Rose	Shrub	Cont.	
TON 6	Thuja occidentalis 'Nigra'	6'-7'	'Nigra' Arborvitae	Tree	B&B	
TO PL	Thuja occidentalis	10-12"	White Cedar	Plug	B.R./cont.	Plug/Liner
VL 18	Viburnum lentago	18"-24"	Nannyberry	Shrub	Cont.	

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

SHEET NUMBER
C-55
OF 63

PROJECT MANAGER
J. KITTEDGE

CHECKED-REVIEWED
J. COFFIN

DESIGN-DETAILED
J. COFFIN

DESIGN-DETAILED2
J. COFFIN

DESIGN-DETAILED3
J. COFFIN

REVISIONS 1
60% REVIEW - JAN 2009 01-08-09

REVISIONS 2
90% REVIEW - FEB 2009 02-12-09

REVISIONS 3
ISSUED FOR BID

REVISIONS 4
FIELD CHANGES

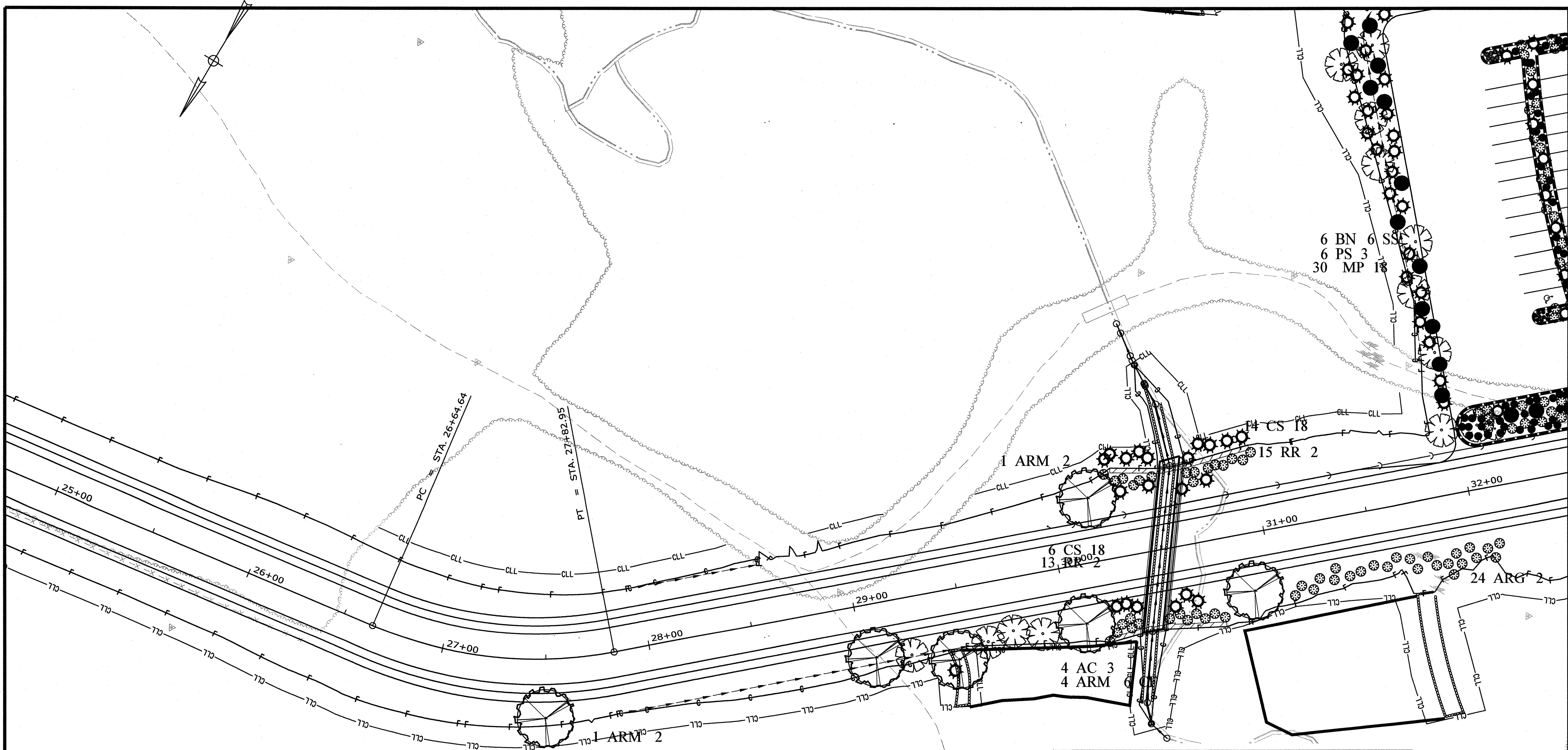
SIGNATURE
J. COFFIN

P.E. NUMBER
05-28-09

DATE
05-28-09

PIN
16123.50

HIGHWAY PLANS



NOTE: FINAL LOCATION OF ALL PLANT MATERIALS TO BE DETERMINED BY LANDSCAPE ARCHITECT IN FIELD

Key	Botanical Name	Size	Common Name	Cond.	Root	Notes
AB 3	Abies balsamea	3'-4'	Balsam Fir	Tree	B&B	
AB 6	Abies balsamea	6'-7'	Balsam Fir	Tree	B&B	
AB PL	Abies balsamea	12"	Balsam Fir	Plug	B.R./cont.	Plug/liner
AC 3	Amelanchier canadensis	3'-4'	Shadblow	Shrub	B&B/cont.	Clump shrub
ACS	Amelanchier canadensis	1 1/4"-2"	Shadblow	Tree Form	B&B/cont.	Tree Form
ARG 2	Alnus incana ssp. rugosa	2'-3'	Speckled Alder	Shrub	B&B/cont.	
ARM 6 CF	Acer rubrum	6'-7'	Red Maple Clump	Clump Form	B&B/cont.	
ARM 1 3/4	Acer rubrum	1 1/4"-2"	Red Maple	Tree	B&B/cont.	
ARM 2	Acer rubrum	2'cal	Red Maple	Tree	B&B	
AS 1 3/4	Acer saccharum	1 1/4"-2"	Sugar Maple	Tree	B&B	
AUU 10	Arctostaphylos uva-ursi	10-12"	Bearberry	#1 Cont.		
BN 6 SS	Betula Nigra	6'-8'	River Birch	Tree	B&B/cont.	
BN 6 CF	Betula Nigra	6'-8'	River Birch	Tree	B&B/cont.	Clump
BP 2 CF	Betula papyrifera	2'cal	Paper Birch	Tree	B&B	Clump
BP 2 SS	Betula papyrifera	2'cal	Paper Birch	Tree	B&B	Single stem
CA 18	Cornus amomum	18"-24"	Gray Dogwood	Shrub	Cont.	
CP 1	Comptonia peregrina	#1	Sweet Fern	Perennial	Cont.	1 gallon cont.
CS 18	Cornus sericea	18"-24"	Red Twig DW	Shrub	Cont.	
CSL 15	Cornus flammula lutea	15"-18"	Yellow Dogwood	Shrub	Cont.	
IVF 18	Ilex verticillata pistillate	18"-24"	Winterberry(female)	Shrub	Cont.	
IVM 18	Ilex verticillata staminate	18"-24"	Winterberry(female)	Shrub	Cont.	
JW 12	Juniperus wilsoni	15"-18"	'Bar Harbor' Juniper	Shrub	Cont.	
MP 18	Myrica pensylvanica	18"-24"	Bayberry	Shrub	Cont.	
OC 1	Osmunda cinnamomea	#1	Cinnamon Fern	Perennial	Cont.	1 gallon cont.
PG PL	Picea glauca	10-12"	White Spruce	Plug	B.R./cont.	Plug/liner
PG 3	Picea glauca	3'-4'	White Spruce	Tree	B&B	
PG 6	Picea glauca	5'-6'	White Spruce	Tree	B&B	
PS 3	Pinus strobus	3'-4'	White Pine	Tree	B&B	
QR 1 3/4	Quercus rubra	1 1/4"-2"	Red Oak	Tree	B&B/cont.	
RO 18	Rubus odoratus	18"-24"	Flowering Raspberry	Shrub	Cont.	
RR 2	Rosa rugosa	2'-3'	Beach Rose	Shrub	Cont.	
TON 6	Thuja occidentalis 'Nigra'	6'-7'	'Nigra' Arborvitae	Tree	B&B	
TO PL	Thuja occidentalis	10-12"	White Cedar	Plug	B.R./cont.	Plug/Liner
VL 18	Viburnum lentago	18"-24"	Nannyberry	Shrub	Cont.	

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PIN
16123.50

HIGHWAY PLANS

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

LANDSCAPE SHEET 3 OF 5

SHEET NUMBER
C-56

OF 63

PROJ. MANAGER
J. KITREDE

DESIGN-DETAILED
J. COFFIN

CHECKED-REVIEWED
J. COFFIN

DESIGN-DETAILED
J. COFFIN

REVISIONS 1
60% REVIEW - JAN 2009 01-08-09

REVISIONS 2
90% REVIEW - FEB 2009 02-12-09

REVISIONS 3
ISSUED FOR BID

REVISIONS 4
FIELD CHANGES

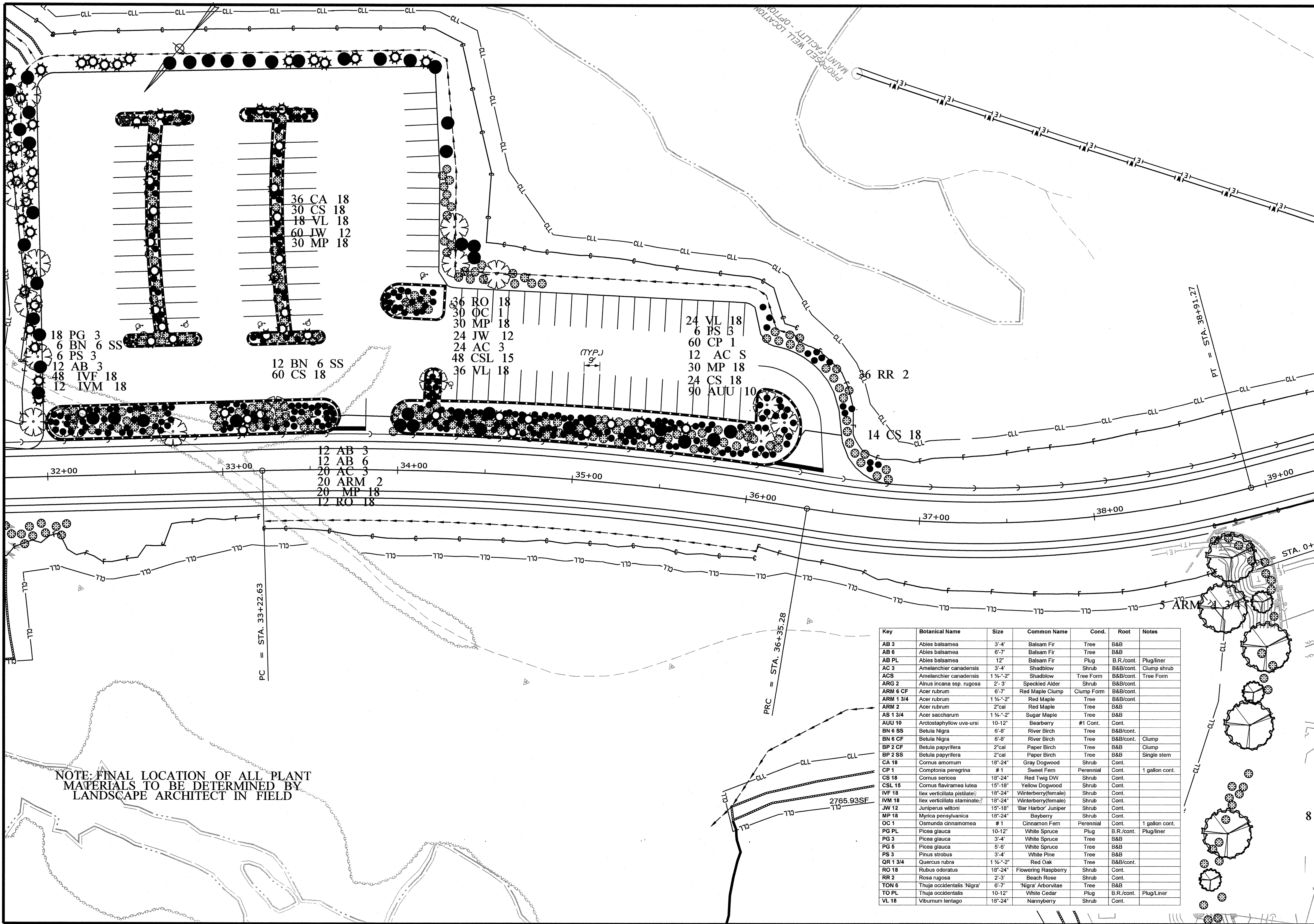
DATE
05-28-09

SIGNATURE
P.E. NUMBER

DATE

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Username: Jeffrey.Vaileux Date: 9/10/2009



NOTE: FINAL LOCATION OF ALL PLANT MATERIALS TO BE DETERMINED BY LANDSCAPE ARCHITECT IN FIELD

Key	Botanical Name	Size	Common Name	Cond.	Root	Notes
AB 3	Abies balsamea	3'-4'	Balsam Fir	Tree	B&B	
AB 6	Abies balsamea	6'-7'	Balsam Fir	Tree	B&B	
AB PL	Abies balsamea	12"	Balsam Fir	Plug	B.R./cont.	Plug/liner
AC 3	Amelanchier canadensis	3'-4'	Shadblow	Shrub	B&B/cont.	Clump shrub
ACS	Amelanchier canadensis	1 1/2"-2"	Shadblow	Tree Form	B&B/cont.	Tree Form
ARG 2	Alnus incana ssp. rugosa	2'-3'	Speckled Alder	Shrub	B&B/cont.	
ARM 6 CF	Acer rubrum	6'-7'	Red Maple Clump	Clump Form	B&B/cont.	
ARM 1 3/4	Acer rubrum	1 1/2"-2"	Red Maple	Tree	B&B/cont.	
ARM 2	Acer rubrum	2'cal	Red Maple	Tree	B&B	
AS 1 3/4	Acer saccharum	1 1/2"-2"	Sugar Maple	Tree	B&B	
AUU 10	Arctostaphylos uva-ursi	10-12"	Bearberry	#1 Cont.	Cont.	
BN 6 SS	Betula Nigra	6'-8'	River Birch	Tree	B&B/cont.	
BN 6 CF	Betula Nigra	6'-8'	River Birch	Tree	B&B/cont.	Clump
BP 2 CF	Betula papyrifera	2'cal	Paper Birch	Tree	B&B	Clump
BP 2 SS	Betula papyrifera	2'cal	Paper Birch	Tree	B&B	Single stem
CA 18	Cornus amomum	18"-24"	Gray Dogwood	Shrub	Cont.	
CP 1	Comptonia peregrina	# 1	Sweet Fern	Perennial	Cont.	1 gallon cont.
CS 18	Cornus sericea	18"-24"	Red Twig DW	Shrub	Cont.	
CSL 15	Cornus flaviramea lutea	15"-18"	Yellow Dogwood	Shrub	Cont.	
IVF 18	Ilex verticillata pistillate	18"-24"	Winterberry(female)	Shrub	Cont.	
IVM 18	Ilex verticillata staminate	18"-24"	Winterberry(male)	Shrub	Cont.	
JW 12	Juniperus wilsoni	15"-18"	'Bar Harbor' Juniper	Shrub	Cont.	
MP 18	Myrica pensylvanica	18"-24"	Bayberry	Shrub	Cont.	
OC 1	Osmunda cinnamomea	# 1	Cinnamon Fern	Perennial	Cont.	1 gallon cont.
PG PL	Picea glauca	10-12"	White Spruce	Plug	B.R./cont.	Plug/liner
PG 3	Picea glauca	3'-4'	White Spruce	Tree	B&B	
PG 5	Picea glauca	5'-6'	White Spruce	Tree	B&B	
PS 3	Pinus strobus	3'-4'	White Pine	Tree	B&B	
QR 1 3/4	Quercus rubra	1 1/2"-2"	Red Oak	Tree	B&B/cont.	
RO 18	Rubus odoratus	18"-24"	Flowering Raspberry	Shrub	Cont.	
RR 2	Rosa rugosa	2'-3'	Beach Rose	Shrub	Cont.	
TON 6	Thuja occidentalis 'Nigra'	6'-7'	'Nigra' Arborvitae	Tree	B&B	
TO PL	Thuja occidentalis	10-12"	White Cedar	Plug	B.R./cont.	Plug/liner
VL 18	Viburnum lentago	18"-24"	Nannyberry	Shrub	Cont.	

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PROJ. MANAGER	DATE	BY	SIGNATURE	P.E. NUMBER	DATE
J. KITREDE		J. COFFIN			
CHECKED-REVIEWED		J. COFFIN			
DESIGNED-DETAILED		J. COFFIN			
DESIGNED-DETAILED		J. COFFIN			
REVISIONS 1	60% REVIEW	JAN 2009	01-08-09		
REVISIONS 2	90% REVIEW	FEB 2009	02-12-09		
REVISIONS 3	ISSUED FOR BID		05-28-09		
REVISIONS 4					
FIELD CHANGES					

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

SHEET NUMBER

C-57

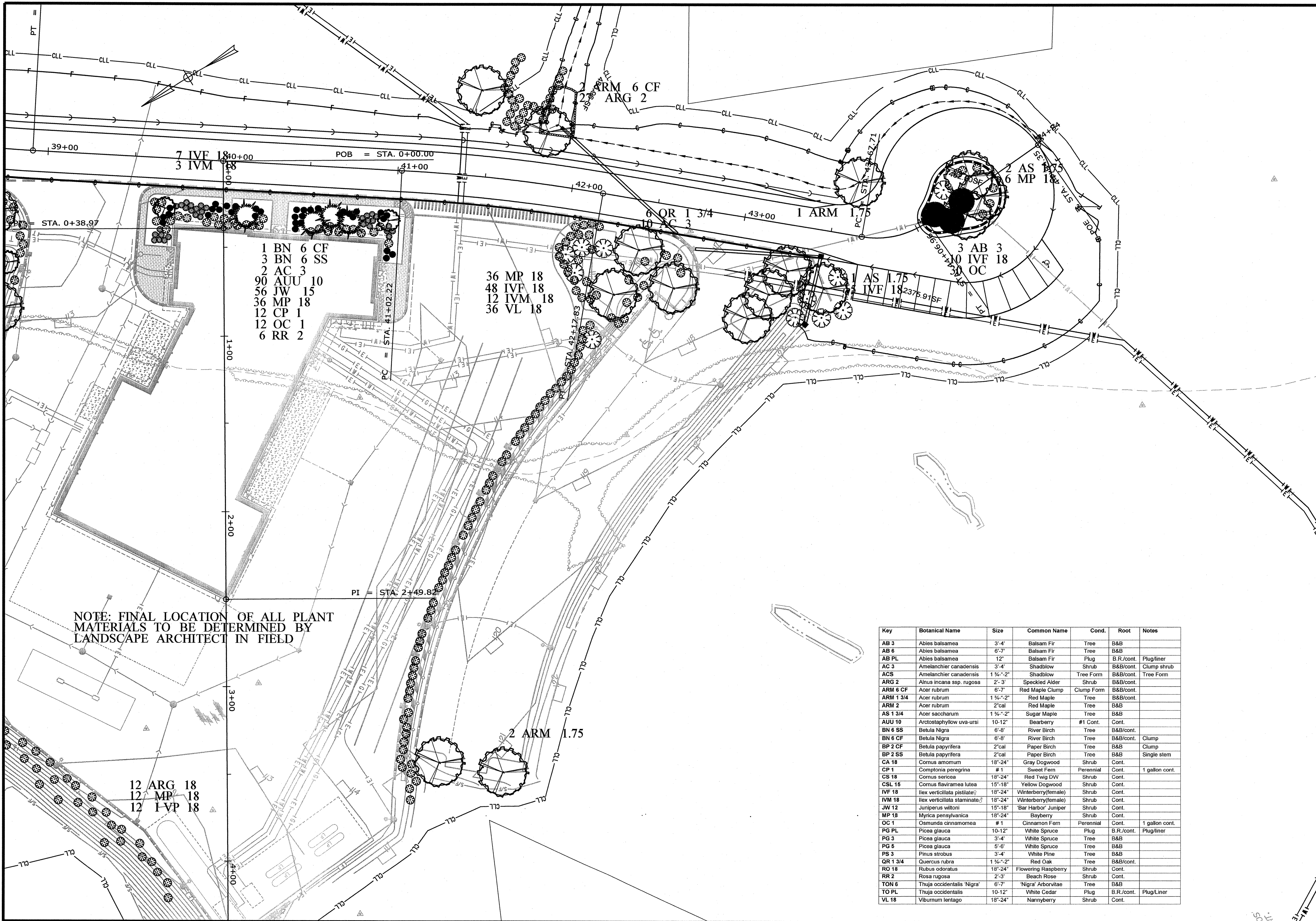
OF 63

LANDSCAPE SHEET 4 OF 5

PIN
16123.50

HIGHWAY PLANS

STA. 32+00.00 TO STA. 39+00.00



NOTE: FINAL LOCATION OF ALL PLANT MATERIALS TO BE DETERMINED BY LANDSCAPE ARCHITECT IN FIELD

Key	Botanical Name	Size	Common Name	Cond.	Root	Notes
AB 3	Abies balsamea	3'-4'	Balsam Fir	Tree	B&B	
AB 6	Abies balsamea	6'-7'	Balsam Fir	Tree	B&B	
AB PL	Abies balsamea	12"	Balsam Fir	Plug	B.R./cont.	Plug/liner
AC 3	Amelanchier canadensis	3'-4'	Shadblow	Shrub	B&B/cont.	Clump shrub
ACS	Amelanchier canadensis	1 3/4"-2"	Shadblow	Tree Form	B&B/cont.	Tree Form
ARG 2	Alnus incana ssp. rugosa	2'-3'	Speckled Alder	Shrub	B&B/cont.	
ARM 6 CF	Acer rubrum	6'-7'	Red Maple Clump	Clump Form	B&B/cont.	
ARM 1 3/4	Acer rubrum	1 3/4"-2"	Red Maple	Tree	B&B/cont.	
ARM 2	Acer rubrum	2'cal	Red Maple	Tree	B&B	
AS 1 3/4	Acer saccharum	1 3/4"-2"	Sugar Maple	Tree	B&B	
AUU 10	Arctostaphylos uva-ursi	10-12"	Bearberry	#1 Cont.		
BN 6 SS	Betula Nigra	6'-8'	River Birch	Tree	B&B/cont.	
BN 6 CF	Betula Nigra	6'-8'	River Birch	Tree	B&B/cont.	Clump
BP 2 CF	Betula papyrifera	2'cal	Paper Birch	Tree	B&B	Clump
BP 2 SS	Betula papyrifera	2'cal	Paper Birch	Tree	B&B	Single stem
CA 18	Cornus amomum	18"-24"	Gray Dogwood	Shrub	Cont.	
CP 1	Comptonia peregrina	# 1	Sweet Fern	Perennial	Cont.	1 gallon cont.
CS 18	Cornus sericea	18"-24"	Red Twig DW	Shrub	Cont.	
CSL 15	Cornus flaviramea lutea	15"-18"	Yellow Dogwood	Shrub	Cont.	
IVF 18	Ilex verticillata pistillate	18"-24"	Winterberry(female)	Shrub	Cont.	
IVM 18	Ilex verticillata staminate	18"-24"	Winterberry(female)	Shrub	Cont.	
JW 12	Juniperus wiltoni	15"-18"	'Bar Harbor' Juniper	Shrub	Cont.	
MP 18	Myrica pensylvanica	18"-24"	Bayberry	Shrub	Cont.	
OC 1	Osmunda cinnamomea	# 1	Cinnamon Fern	Perennial	Cont.	1 gallon cont.
PG PL	Picea glauca	10-12"	White Spruce	Plug	B.R./cont.	Plug/liner
PG 3	Picea glauca	3'-4'	White Spruce	Tree	B&B	
PG 5	Picea glauca	5'-6'	White Spruce	Tree	B&B	
PS 3	Pinus strobus	3'-4'	White Pine	Tree	B&B	
QR 1 3/4	Quercus rubra	1 3/4"-2"	Red Oak	Tree	B&B/cont.	
RO 18	Rubus odoratus	18"-24"	Flowering Raspberry	Shrub	Cont.	
RR 2	Rosa rugosa	2'-3'	Beach Rose	Shrub	Cont.	
TON 6	Thuja occidentalis 'Nigra'	6'-7'	'Nigra' Arborvitae	Tree	B&B	
TO PL	Thuja occidentalis	10-12"	White Cedar	Plug	B.R./cont.	Plug/Liner
VL 18	Viburnum lentago	18"-24"	Nannyberry	Shrub	Cont.	

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

SHEET NUMBER
C-58

OF 63

PROJ. MANAGER
J. KITREDGE

DESIGNED-DETAILED
J. COFFIN

CHECKED-REVIEWED
J. COFFIN

DESIGNED-DETAILED
J. COFFIN

REVISIONS 1
60% REVIEW - JAN 2009 01-08-09

REVISIONS 2
90% REVIEW - FEB 2009 02-12-09

REVISIONS 3
ISSUED FOR BID

REVISIONS 4
FIELD CHANGES

DATE
05-28-09

BY
J. COFFIN

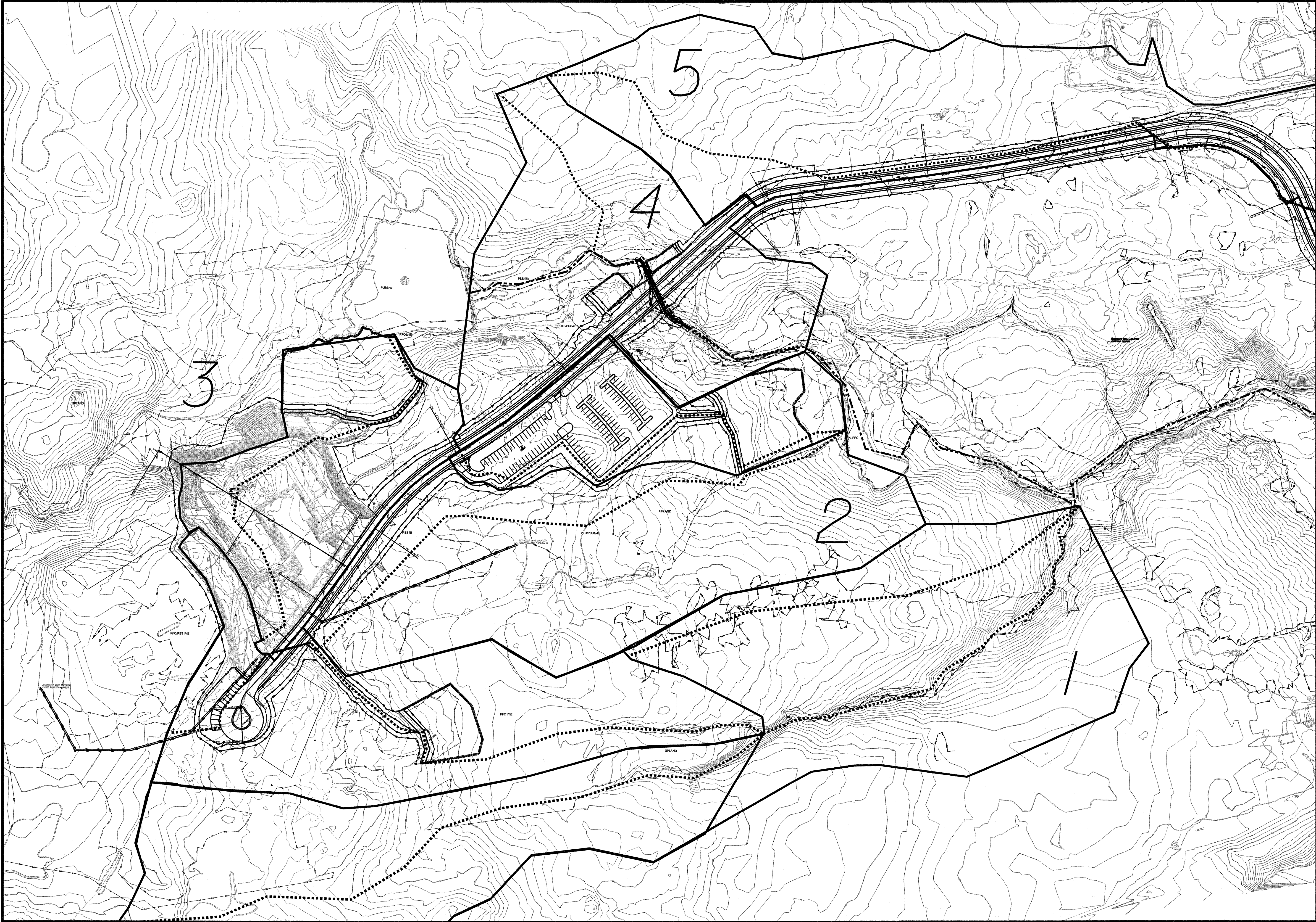
SIGNATURE

P.E. NUMBER

DATE

HIGHWAY PLANS
PIN
16123.50

SHEET 5 OF 5



SHEET NUMBER

C-59

OF 63

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

ENVIRONMENTAL PLAN VIEW

PROJ. MANAGER	J. KITREDGE	BY	J. COFFIN	DATE	
DESIGN-DETAILED	J. COFFIN				SIGNATURE
CHECKED-REVIEWED					
DESIGNS-DETAILED2					
DESIGNS-DETAILED3					
REVISIONS 1	60% REVIEW	JAN 2009	01-08-09		P.E. NUMBER
REVISIONS 2	90% REVIEW	FEB 2009	02-12-09		DATE
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

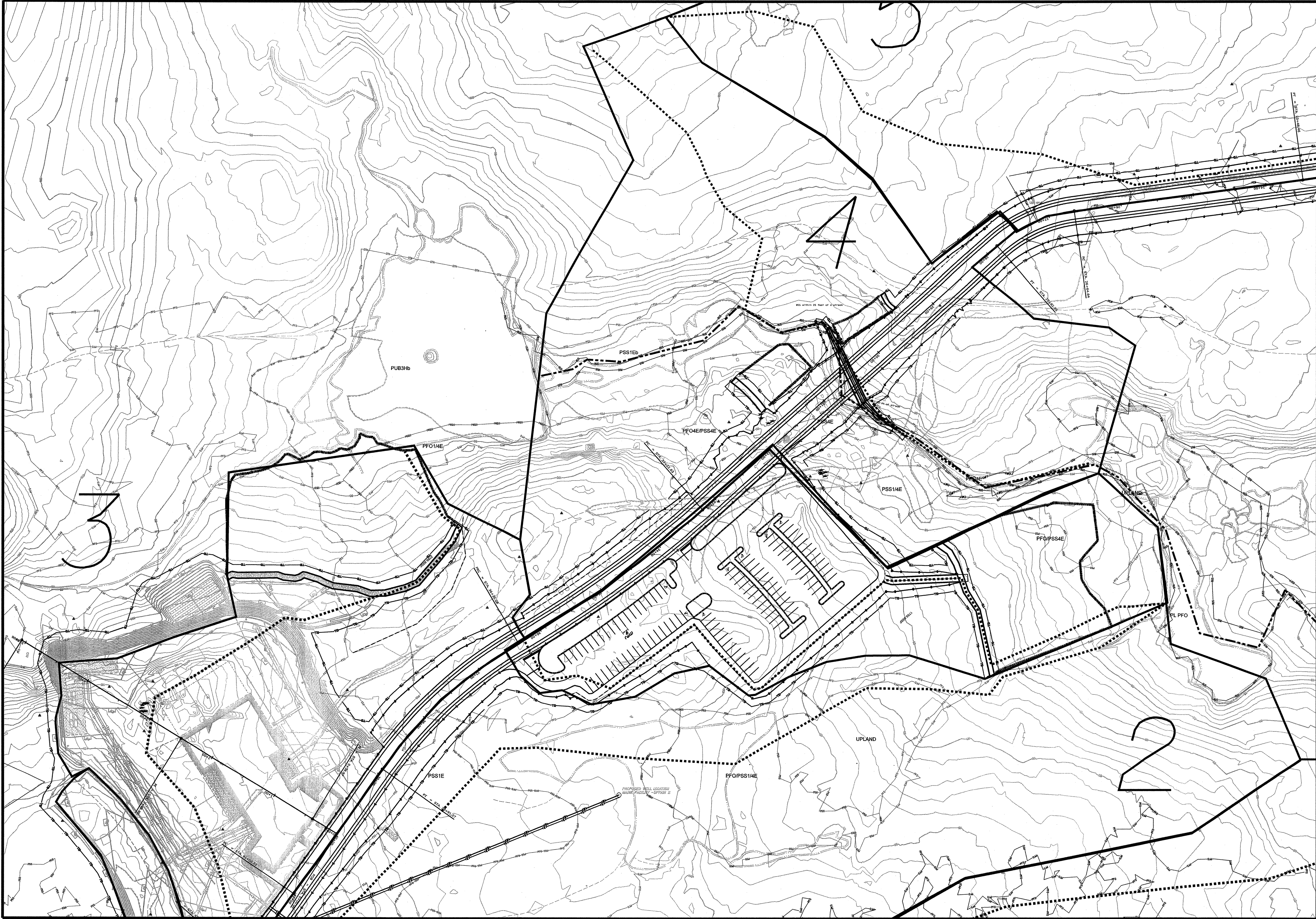
STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

PIN

16123.50

HIGHWAY PLANS



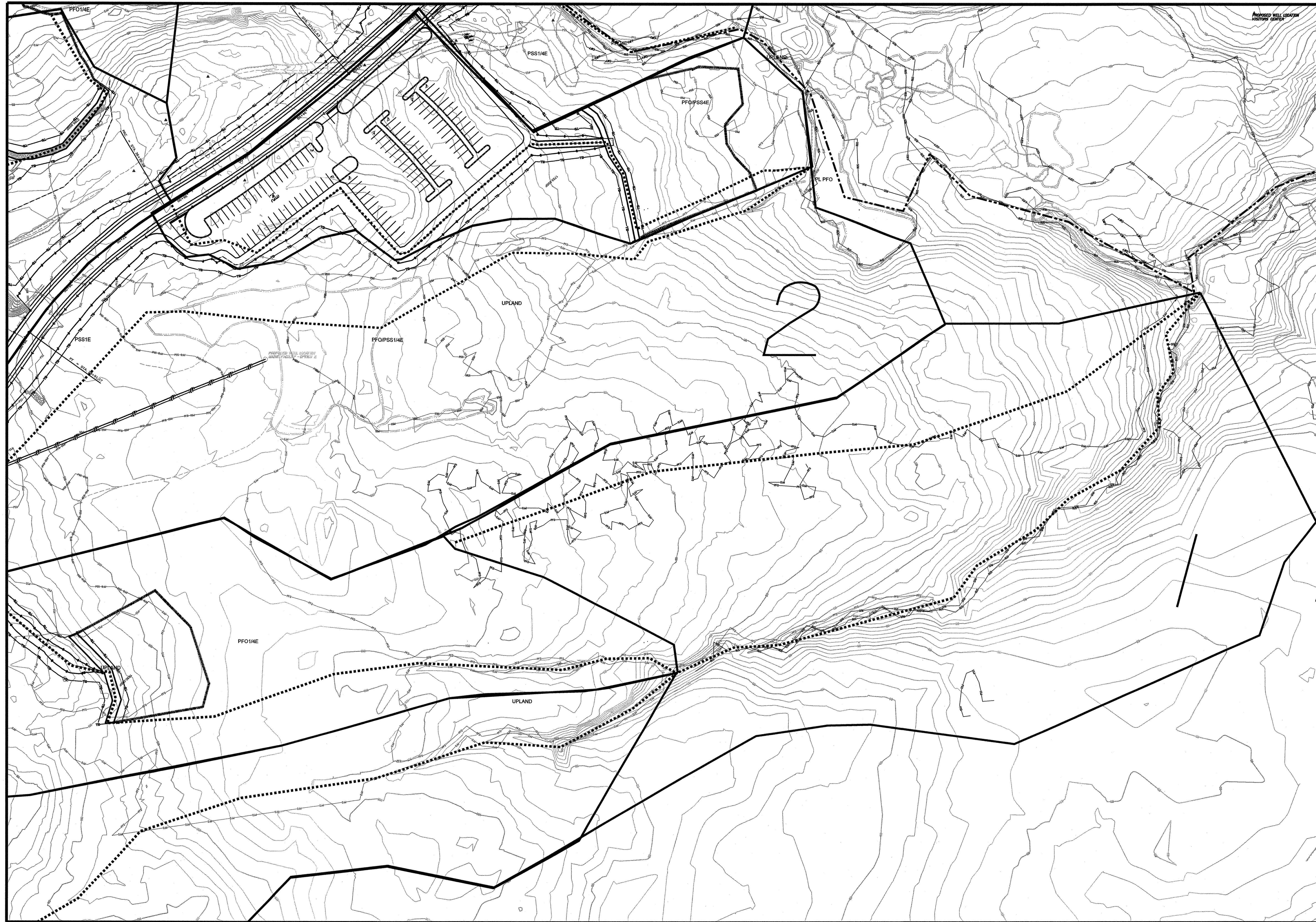
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
ACADIA GATEWAY FACILITY		SIGNATURE	
BUS MAINTENANCE FACILITY		P.E. NUMBER	
ENVIRONMENTAL PLAN VIEW		DATE	
SHEET NUMBER		HIGHWAY PLANS	
C - 60		PIN 16123.50	
OF 63			

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Division: HIGHWAY

Username: Jeffrey.Veilleux

Date: 9/10/2009

ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

ENVIRONMENTAL PLAN VIEW

SHEET NUMBER

C-61

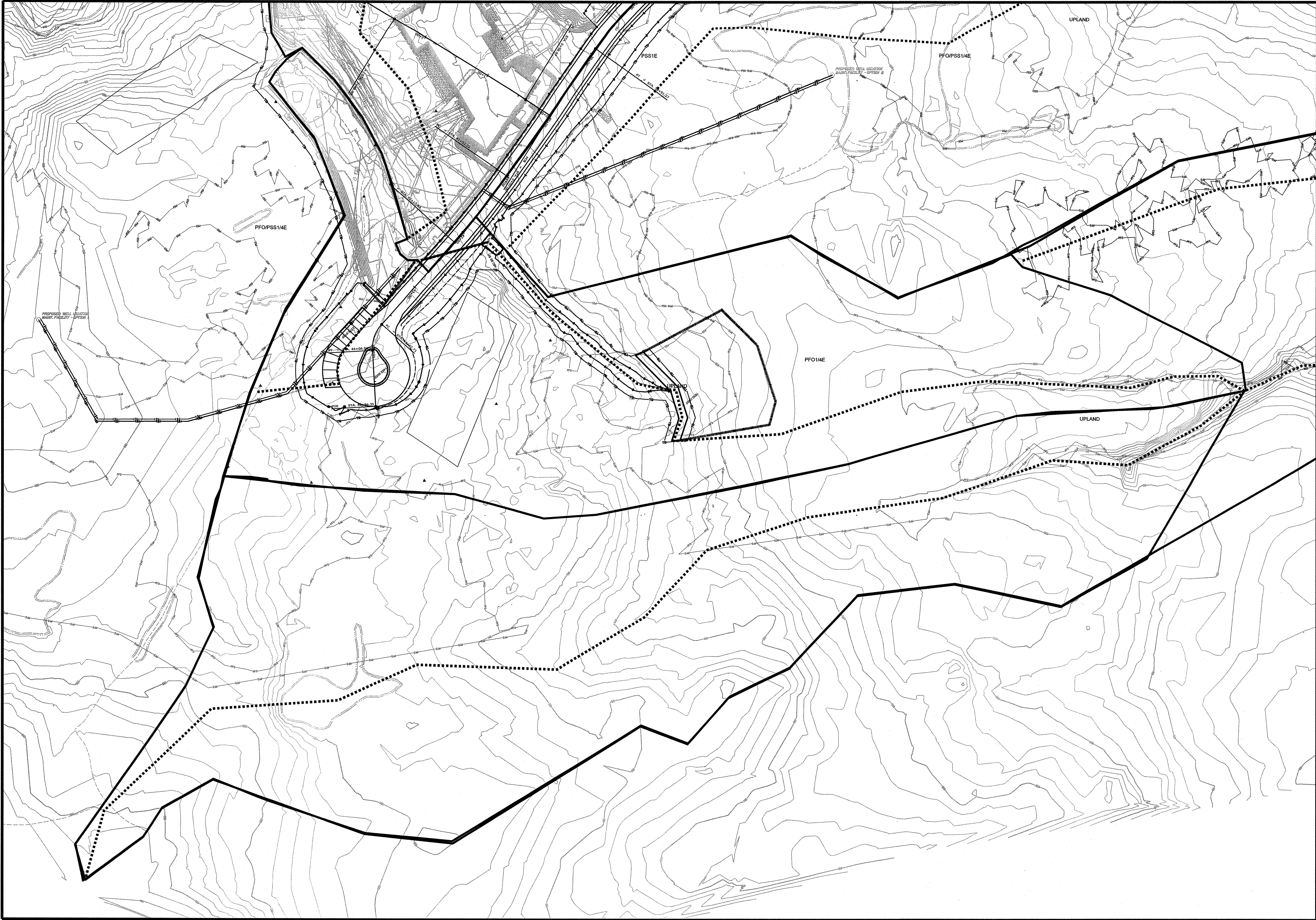
OF 63

STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

PIN
16123-50

HIGHWAY PLANS



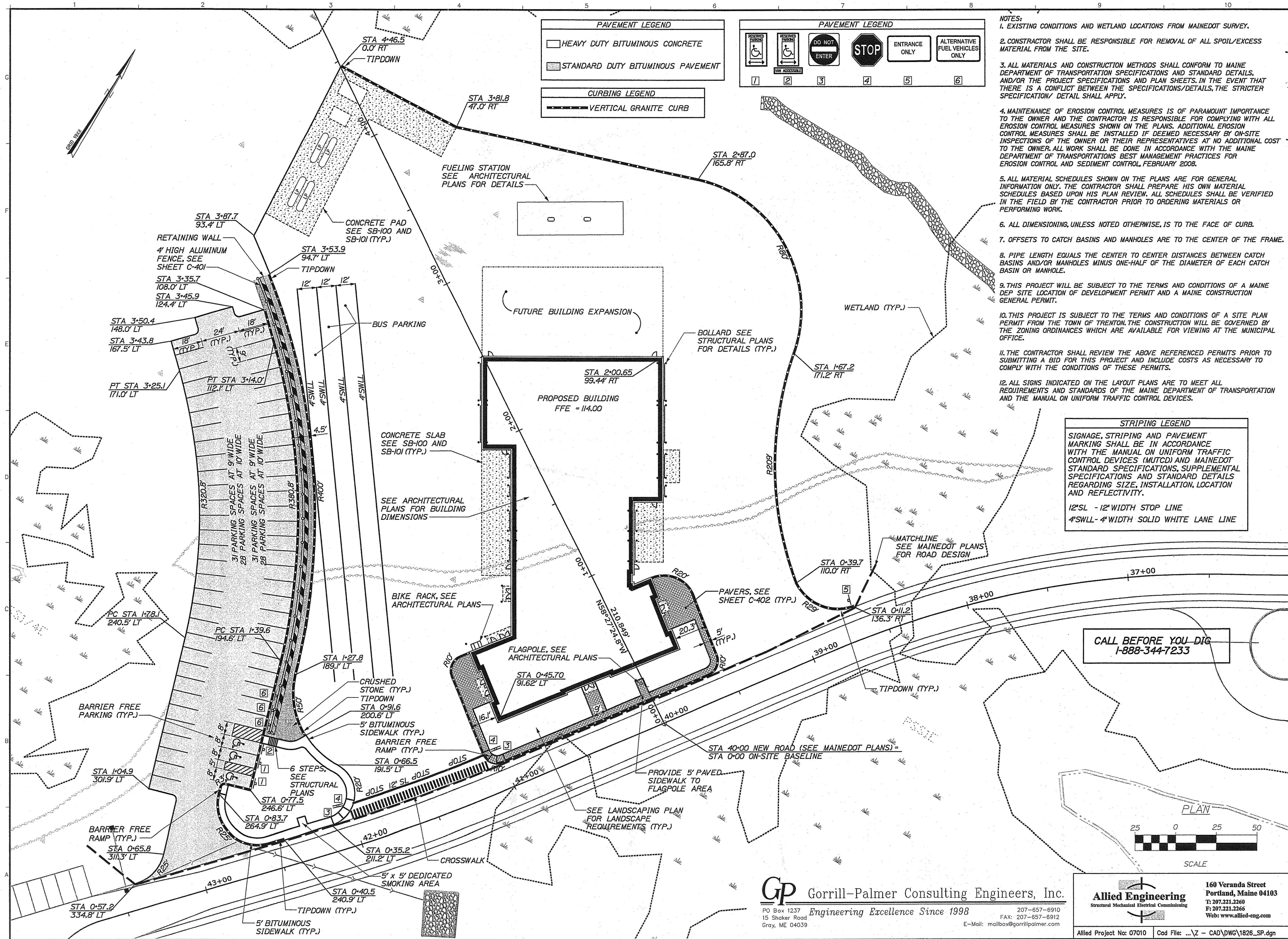
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE		P.E. NUMBER	
PIN 16123.50		DATE		DATE	
HIGHWAY PLANS		DATE		DATE	
ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		PROJ. MANAGER J. KITREDE		BY J. COFFIN	
ENVIRONMENTAL PLAN VIEW		CHECKED-REVIEWED J. COFFIN		DATE 01-08-09	
SHEET NUMBER C-62		DESIGNS-DETAILED J. COFFIN		60% REVIEW - JAN 2009 01-08-09	
OF 63		DESIGNS-DETAILED J. COFFIN		90% REVIEW - FEB 2009 02-12-09	
		REVISIONS 1		ISSUED FOR BID	
		REVISIONS 2		FIELD CHANGES	
		REVISIONS 3			
		REVISIONS 4			

Date: 8/4/2009

Username: dburgess

Division: HIGHWAY

Filename: ...Z - CAD\DWG\1826_SP.dgn



PAVEMENT LEGEND

- HEAVY DUTY BITUMINOUS CONCRETE
- STANDARD DUTY BITUMINOUS PAVEMENT

CURBING LEGEND

- VERTICAL GRANITE CURB

PAVEMENT LEGEND

- RESERVED (WHEELCHAIR)
- RESERVED (WHEELCHAIR)
- DO NOT ENTER
- STOP
- ENTRANCE ONLY
- ALTERNATIVE FUEL VEHICLES ONLY

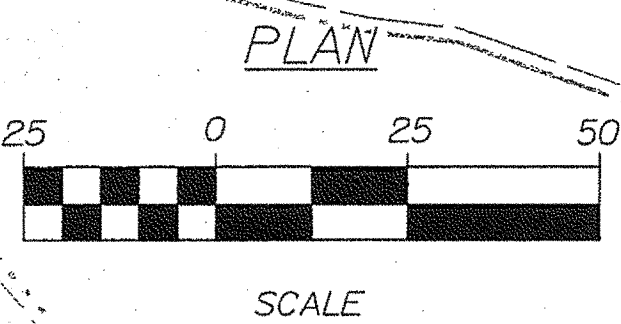
- NOTES:**
- EXISTING CONDITIONS AND WETLAND LOCATIONS FROM MAINE DOT SURVEY.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL SPOIL/EXCESS MATERIAL FROM THE SITE.
 - ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO MAINE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS AND STANDARD DETAILS, AND/OR THE PROJECT SPECIFICATIONS AND PLAN SHEETS. IN THE EVENT THAT THERE IS A CONFLICT BETWEEN THE SPECIFICATIONS/DETAILS, THE STRICTER SPECIFICATION/DETAIL SHALL APPLY.
 - MAINTENANCE OF EROSION CONTROL MEASURES IS OF PARAMOUNT IMPORTANCE TO THE OWNER AND THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL EROSION CONTROL MEASURES SHOWN ON THE PLANS. ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTIONS OF THE OWNER OR THEIR REPRESENTATIVES AT NO ADDITIONAL COST TO THE OWNER. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL AND SEDIMENT CONTROL, FEBRUARY 2008.
 - ALL MATERIAL SCHEDULES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL PREPARE HIS OWN MATERIAL SCHEDULES BASED UPON HIS PLAN REVIEW. ALL SCHEDULES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR PERFORMING WORK.
 - ALL DIMENSIONING, UNLESS NOTED OTHERWISE, IS TO THE FACE OF CURB.
 - OFFSETS TO CATCH BASINS AND MANHOLES ARE TO THE CENTER OF THE FRAME.
 - PIPE LENGTH EQUALS THE CENTER TO CENTER DISTANCES BETWEEN CATCH BASINS AND/OR MANHOLES MINUS ONE-HALF OF THE DIAMETER OF EACH CATCH BASIN OR MANHOLE.
 - THIS PROJECT WILL BE SUBJECT TO THE TERMS AND CONDITIONS OF A MAINE DEP SITE LOCATION OF DEVELOPMENT PERMIT AND A MAINE CONSTRUCTION GENERAL PERMIT.
 - THIS PROJECT IS SUBJECT TO THE TERMS AND CONDITIONS OF A SITE PLAN PERMIT FROM THE TOWN OF TRENTON. THE CONSTRUCTION WILL BE GOVERNED BY THE ZONING ORDINANCES WHICH ARE AVAILABLE FOR VIEWING AT THE MUNICIPAL OFFICE.
 - THE CONTRACTOR SHALL REVIEW THE ABOVE REFERENCED PERMITS PRIOR TO SUBMITTING A BID FOR THIS PROJECT AND INCLUDE COSTS AS NECESSARY TO COMPLY WITH THE CONDITIONS OF THESE PERMITS.
 - ALL SIGNS INDICATED ON THE LAYOUT PLANS ARE TO MEET ALL REQUIREMENTS AND STANDARDS OF THE MAINE DEPARTMENT OF TRANSPORTATION AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

STRIPING LEGEND

SIGNAGE, STRIPING AND PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND MAINE DOT STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND STANDARD DETAILS REGARDING SIZE, INSTALLATION, LOCATION AND REFLECTIVITY.

- 12" SL - 12" WIDTH STOP LINE
- 4" SWL - 4" WIDTH SOLID WHITE LANE LINE

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Allied Project No: 07010 Cad File: ...Z - CAD\DWG\1826_SP.dgn

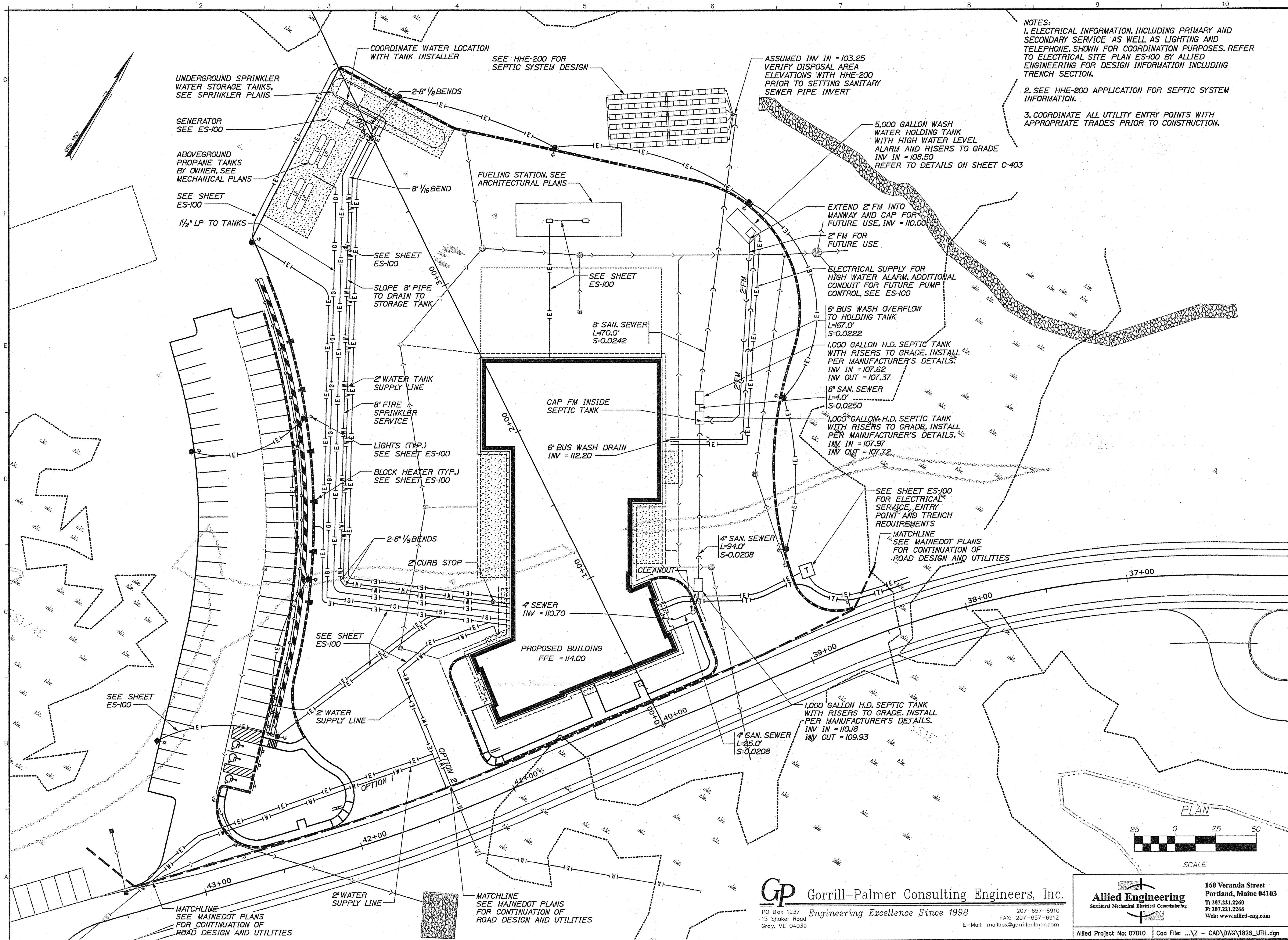
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		DATE MAY 1, 2009	
PROJECT INFORMATION		P.E. NUMBER 8-4-09	
PROGRAM	PROJECT MANAGER	DESIGNER	PROJECT RESIDENT
WFF	WFF	ALLIED ENGINEERING	CONTRACTOR
PROJECT COMPLETION DATE		DATE	
MAINE DEPARTMENT OF TRANSPORTATION ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY			
Site Layout Plan			
SHEET NUMBER C-101			
OF 8			

Date: 8/4/2009

Username: dburgess

Division: HIGHWAY

Filename: ...Z - CAD\DWG\1826_UTIL.dgn



NOTES:
1. ELECTRICAL INFORMATION, INCLUDING PRIMARY AND SECONDARY SERVICE AS WELL AS LIGHTING AND TELEPHONE, SHOWN FOR COORDINATION PURPOSES. REFER TO ELECTRICAL SITE PLAN ES-100 BY ALLIED ENGINEERING FOR DESIGN INFORMATION INCLUDING TRENCH SECTION.
2. SEE HHE-200 APPLICATION FOR SEPTIC SYSTEM INFORMATION.
3. COORDINATE ALL UTILITY ENTRY POINTS WITH APPROPRIATE TRADES PRIOR TO CONSTRUCTION.

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
DATE	MAY 1, 2009
FED PIN NO:	
PIN NO:	16123.50

PROJECT INFORMATION	
PROGRAM	WFP
PROJECT MANAGER	
DESIGNER	
CONSULTANT	ALLIED ENGINEERING
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

SIGNATURE	P.E. NUMBER	DATE
	7868	8-4-09

PROJECT INFORMATION	
PROGRAM	WFP
PROJECT MANAGER	
DESIGNER	
CONSULTANT	ALLIED ENGINEERING
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

MAINE DEPARTMENT OF TRANSPORTATION	
ACADIA GATEWAY FACILITY	
BUS MAINTENANCE FACILITY	
Utility Plan	

SHEET NUMBER	
C-102	
OF 8	

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Allied Project No: 07010 Cad File: ...Z - CAD\DWG\1826_UTIL.dgn

Date: 8/4/2009

Username: dburgess

Division: HIGHWAY

Filename: ...Z - CAD\DWG\1826_GRADING.dgn

GRADING AND DRAINAGE NOTES:

1. DIRECT RUNOFF TO ROADWAY DRAINAGE SYSTEM, SEE MAINE DOT ROADWAY PLANS FOR STORM DRAIN INFORMATION.
2. ALL CATCHBASIN OUTLET PIPES SHALL HAVE SEDIMENTATION HOOD (SNOUT).
3. TOPSOIL STRIPPED IN AREAS OF CONSTRUCTION THAT IS SUITABLE FOR REUSE AS LOAM SHALL BE STOCKPILED ON SITE AT A LOCATION TO BE DESIGNATED BY THE OWNER. UNSUITABLE SOIL SHALL BE SEPARATED, REMOVED AND DISPOSED OF AT AN APPROVED DISPOSAL LOCATION OFF SITE.
4. THE CONTRACTOR SHALL ANTICIPATE THAT GROUNDWATER WILL BE ENCOUNTERED DURING CONSTRUCTION AND SHALL INCLUDE SUFFICIENT COSTS WITHIN THEIR BID TO PROVIDE DEWATERING AS NECESSARY. NO SEPARATE PAYMENT SHALL BE MADE TO THE CONTRACTOR FOR DEWATERING.

1.5:1 RIPRAP SLOPE, REFER TO SHEET C-403

APPROXIMATE LOCATION OF SUBSURFACE WASTEWATER DISPOSAL FIELD

SILT FENCE (TYP.)
SEE HHE-200 FOR FINAL GRADING OVER DISPOSAL SYSTEM

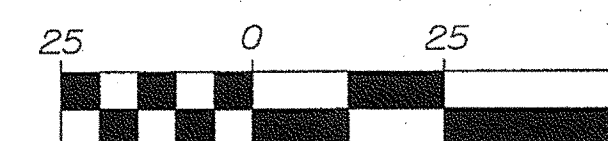
STONE BERM LEVEL LIP SPREADER #1
REFER TO SHEET C-405
RIPRAP OUTLET APRON
REFER TO SHEET C-405 (TYP.)
INV OUT=101.00

DRAINAGE SCHEDULE				
STRUCTURE	SIZE	RIM	INV IN	INV OUT
CB1	4'	111.23	-	107.23/12'(DMH1)
CB2	4'	111.55	104.97/12'(DMH1) 102.48/15'(DMH2)	102.38/18'(DMH4)
CB3	4'	113.37	-	109.37/12'(DMH2)
CB4	4'	113.00	105.31/12'(CB5) 107.75/4'(FD)	105.21/15'(DMH3)
CB5	4'	113.00	106.37/12'(CB6) 108.09/4'(GD)	106.27/12'(CB4)
CB6	4'	112.64	107.30/4'(GD)	107.20/12'(CB5)
CB7	4'	111.15	-	107.15/12'(DMH3)
CB8	4'	119.00	115.50/6'(UD)	115.00/12'(CB9)
CB9	4'	116.75	113.24/12'(DMH5) 112.67/12'(MDOT)	112.57/18'(OUTLET)
DMH1	4'	113.00	106.68/12'(CB1)	106.28/15'(CB2)
DMH2	4'	113.92	103.81/15'(DMH3) 109.05/12'(CB3)	103.71/15'(CB2)
DMH3	4'	113.88	104.47/15'(CB4) 106.42/12'(CB7)	104.37/15'(DMH2)
DMH4	6'	106.00	101.27/18'(CB2)	101.17/15'(OUTLET)
DMH5	4'	117.34	113.60/12'(CB8)	113.50/12'(CB9)
DMH6	4'	112.66	107.25/10'(RD)	104.95/10'(OUTLET)

EROSION CONTROL NOTES:

1. LAND DISTURBING ACTIVITIES SHALL BE ACCOMPLISHED IN A MANNER AND SEQUENCE THAT CAUSES THE LEAST PRACTICAL DISTURBANCE OF THE SITE.
2. PRIOR TO BEGINNING ANY CLEARING/LAND DISTURBING ACTIVITIES, THE CONTRACTOR SHALL INSTALL THE PERIMETER SILT FENCES AND THE CONSTRUCTION ENTRANCE.
3. ALL GROUND AREAS DISTURBED FOR CONSTRUCTION WILL BE GRADED, LOAMED AND SEEDED AS SOON AS POSSIBLE.
4. PRIOR TO PAVING, THE CONTRACTOR SHALL FLUSH SEDIMENT FROM ALL STORM DRAIN LINES, REMOVE ACCUMULATED SEDIMENT FROM SUMPS AND INVERTS AND PROPERLY DISPOSE OF.
5. SILT FENCES SHALL BE INSPECTED, REPAIRED AND CLEANED AS NOTED IN THE EROSION CONTROL SPECIFICATIONS.
6. THE CONTRACTOR SHALL REPAIR AND ADD STONE TO THE CONSTRUCTION ENTRANCE AS IT BECOMES SATURATED WITH MUD TO ENSURE THAT IT WORKS AS PLANNED DURING CONSTRUCTION.
7. SILT REMOVED FROM AROUND INLETS AND BEHIND THE SILT FENCES SHALL BE PLACED ON A TOPSOIL STOCKPILE AND MIXED INTO IT FOR LATER USE IN LANDSCAPING OPERATIONS.
8. THE CONTRACTOR IS CAUTIONED THAT FAILURE TO COMPLY WITH THE SEQUENCE OF CONSTRUCTION, EROSION/SEDIMENT CONTROL PLAN, AND OTHER PERMIT REQUIREMENTS BASED UPON ANY THIRD PARTY REVIEW (e.g. MDEP) MAY RESULT IN MONETARY PENALTIES. THE CONTRACTOR SHALL BE ASSESSED ALL SUCH PENALTIES AT NO COST TO THE OWNER OR PERMITTEE.
9. ALL NON-PAVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE LOAMED AND SEEDED, UNLESS OTHERWISE DIRECTED BY THE OWNER.
10. ALL DISTURBED AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL PRIOR TO PERMANENT SEEDING.

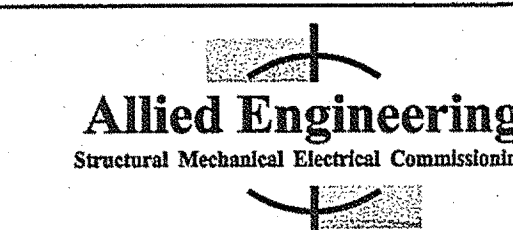
PLAN



SCALE

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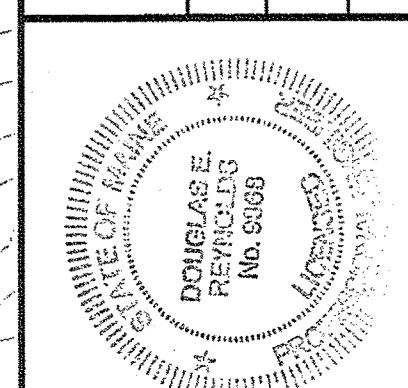
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STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
DATE	DATE
	MAY 1, 2009
FWD PIN NO:	PIN NO:
	16123.50



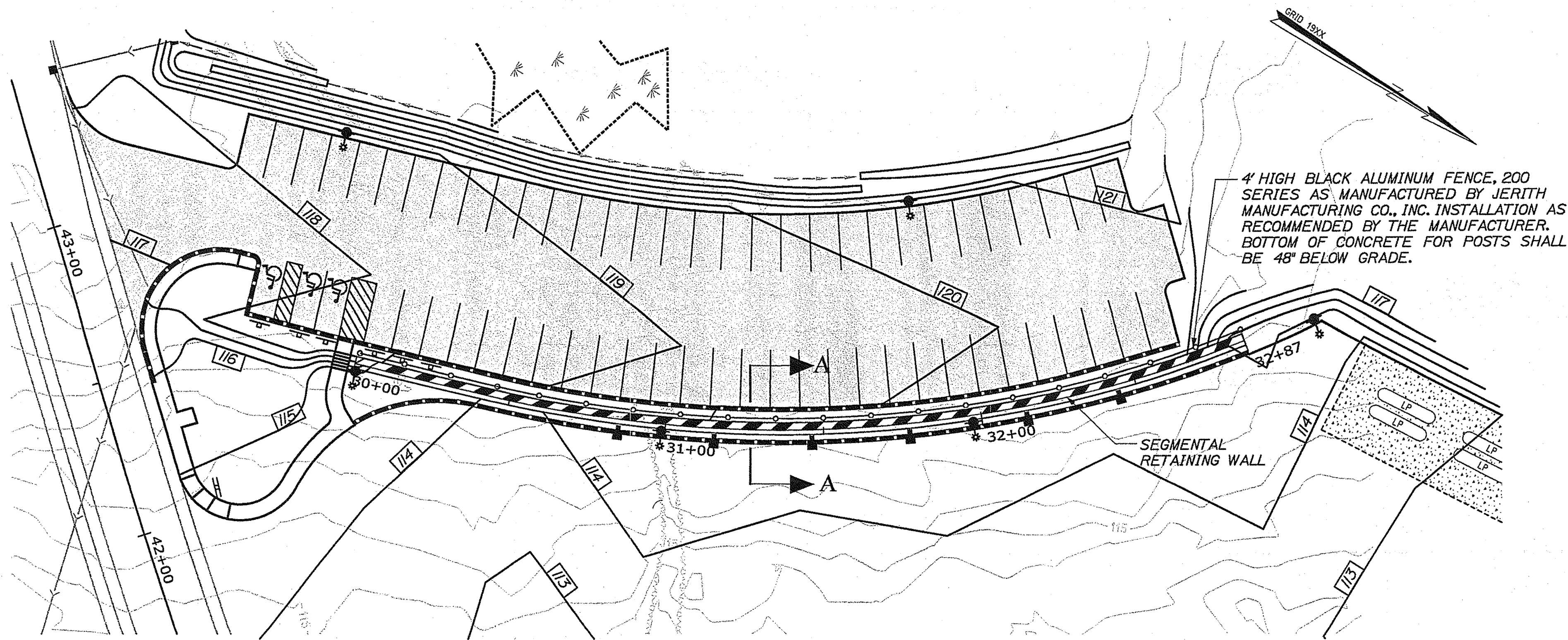
INFORMATION	
PROJECT	PROGRAM
ACADIA GATEWAY FACILITY	WFF
PROJECT MANAGER	DESIGNER
8968	8968
ENGINEERING	P.E. NUMBER
	8-4-05
PROJECT RESIDENT	DATE
CONTRACTOR	PROJECT COMPLETION DATE

MAINE DEPARTMENT OF TRANSPORTATION	
ACADIA GATEWAY FACILITY	
BUS MAINTENANCE FACILITY	
Grading, Drainage and Erosion Control Plan	

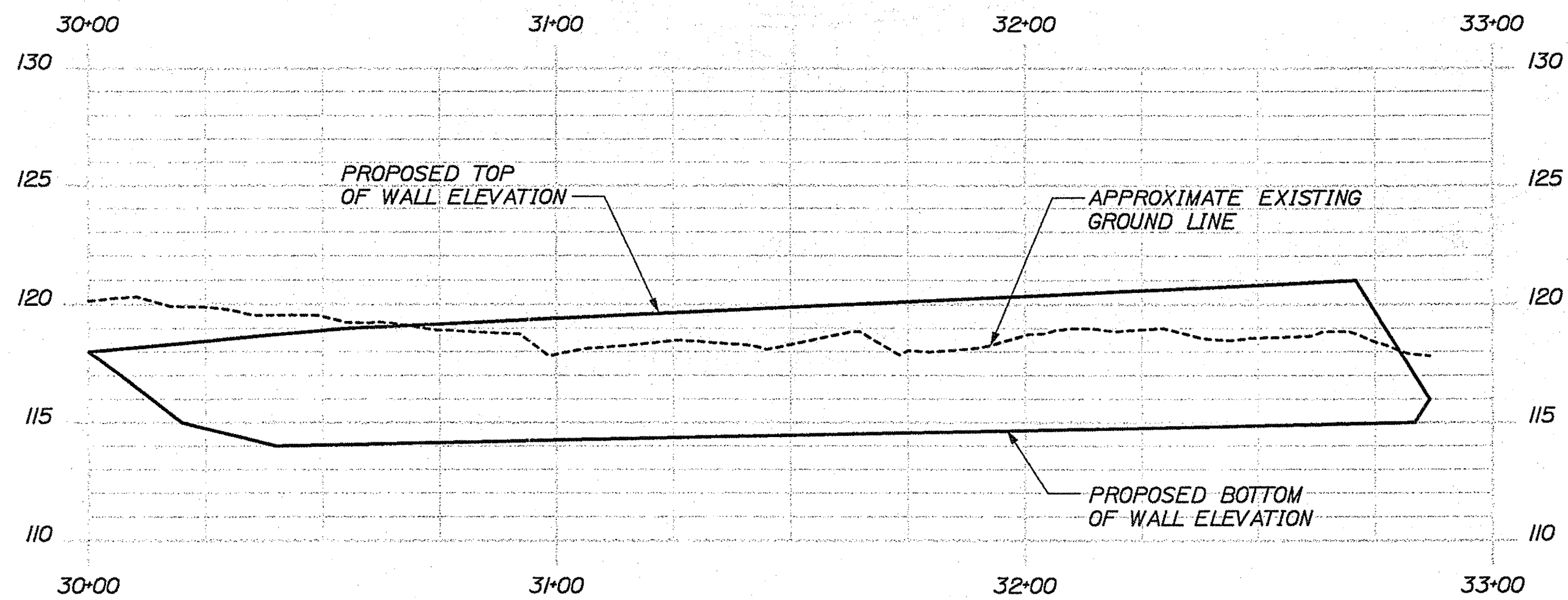
SHEET NUMBER

C-103

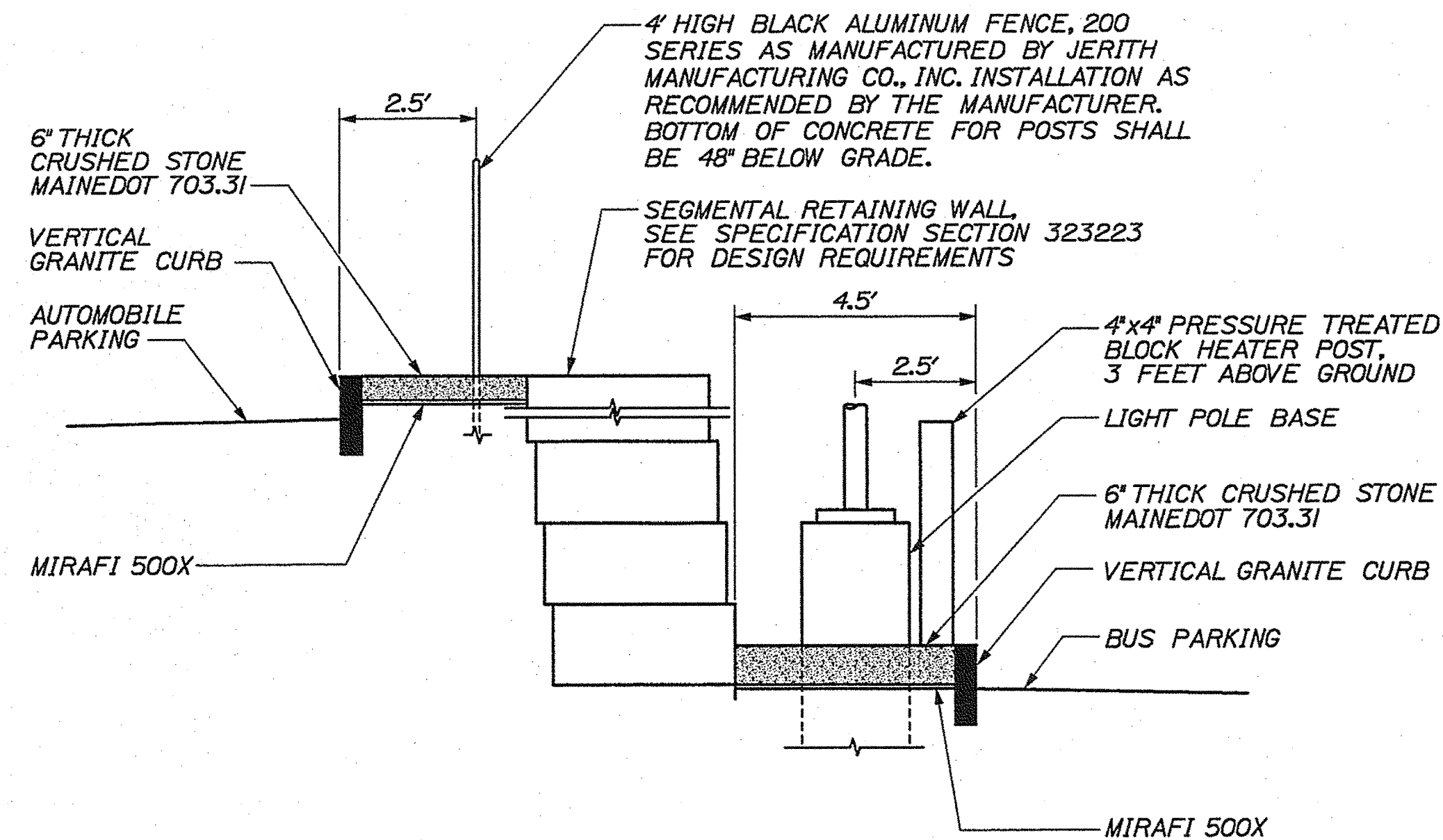
OF 8



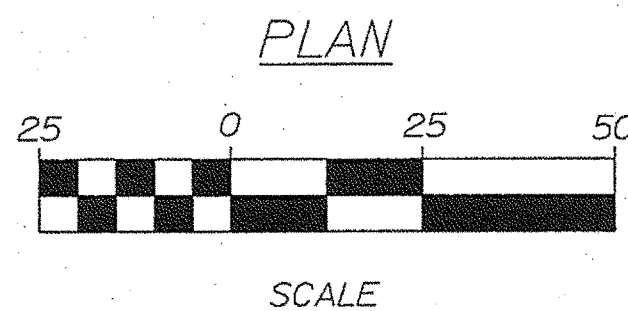
PLAN VIEW
SCALE: 1"=25'



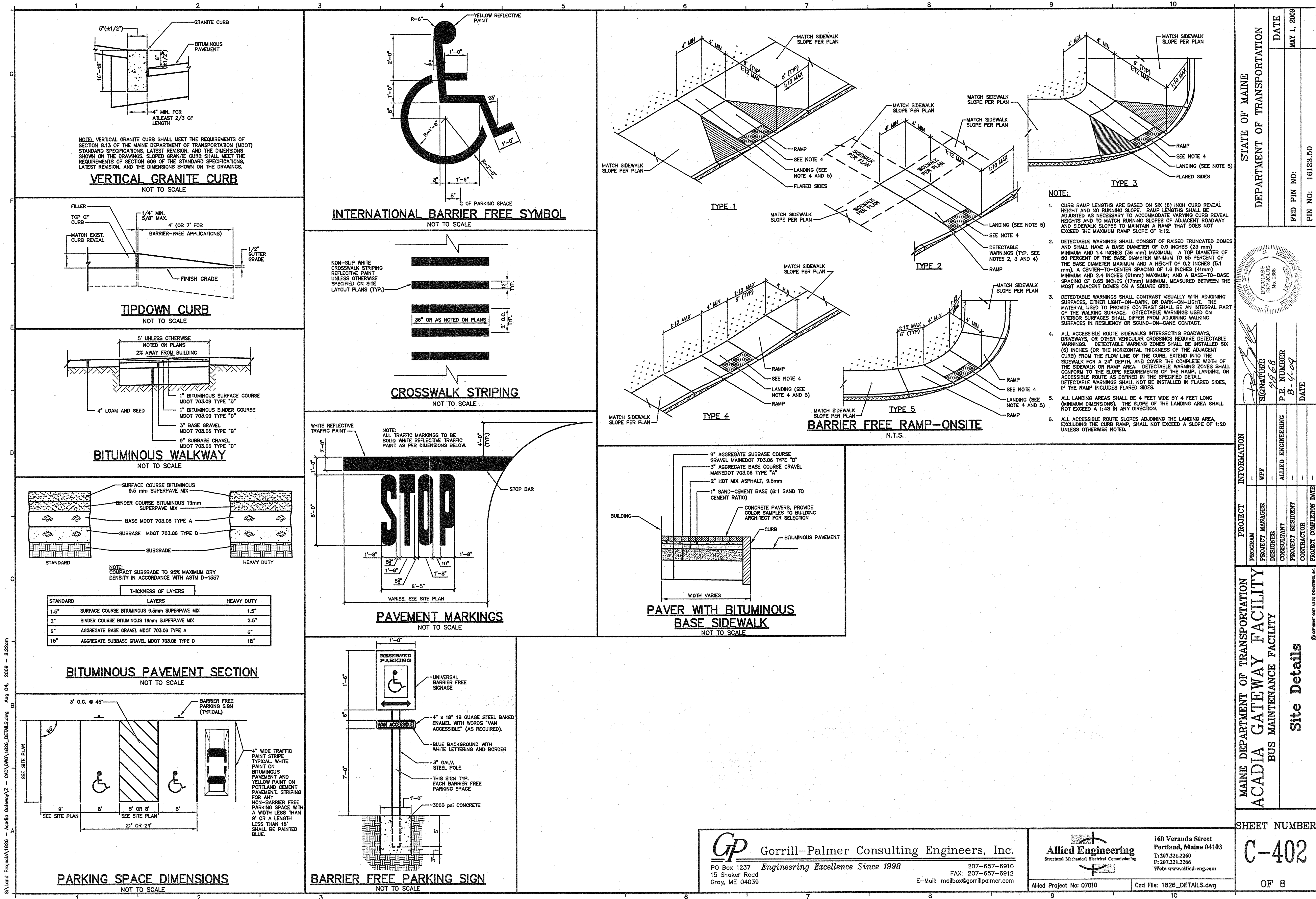
RETAINING WALL PROFILE
SCALE: 1"=25' HORIZ.
1"=5' VERT.



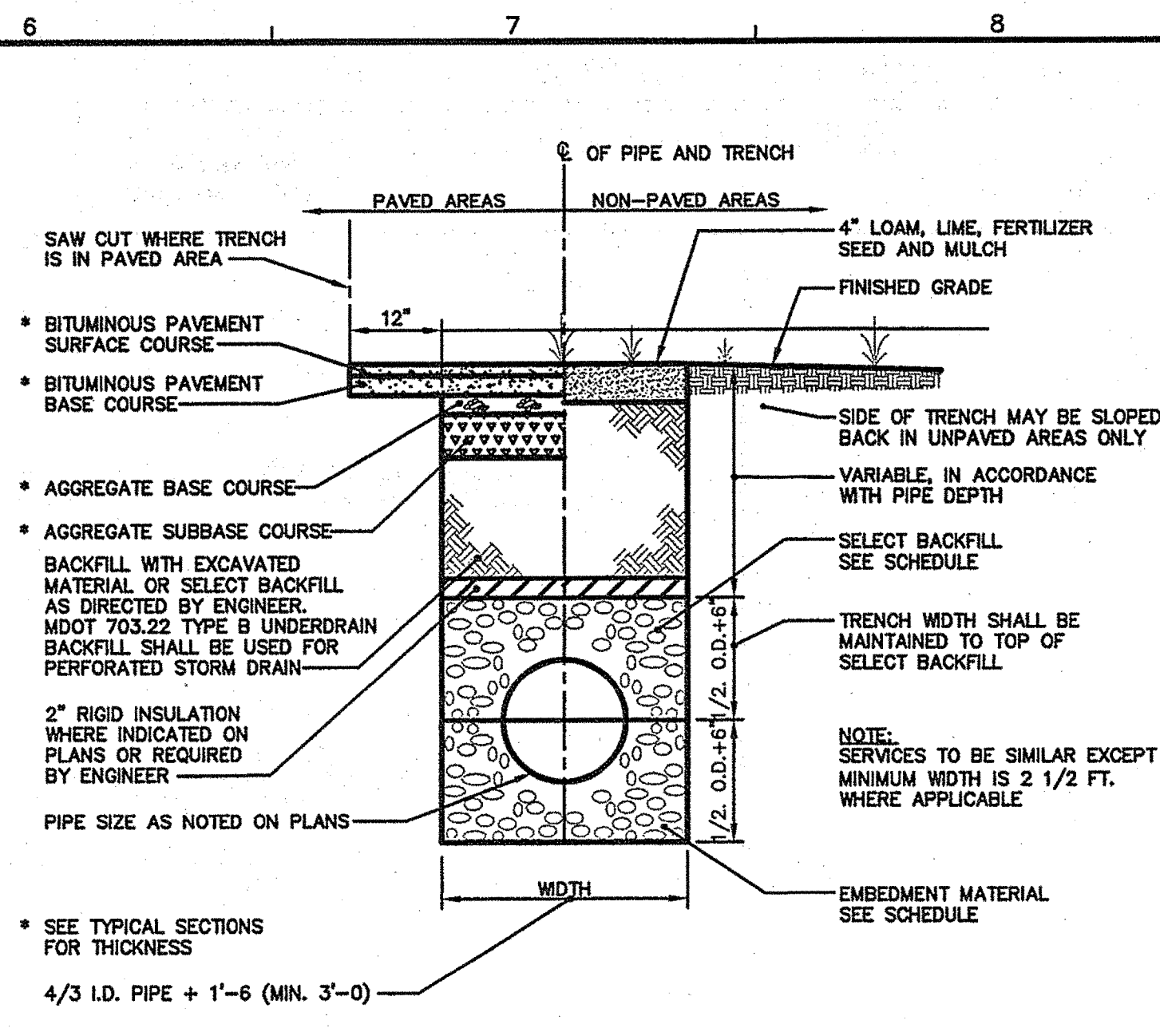
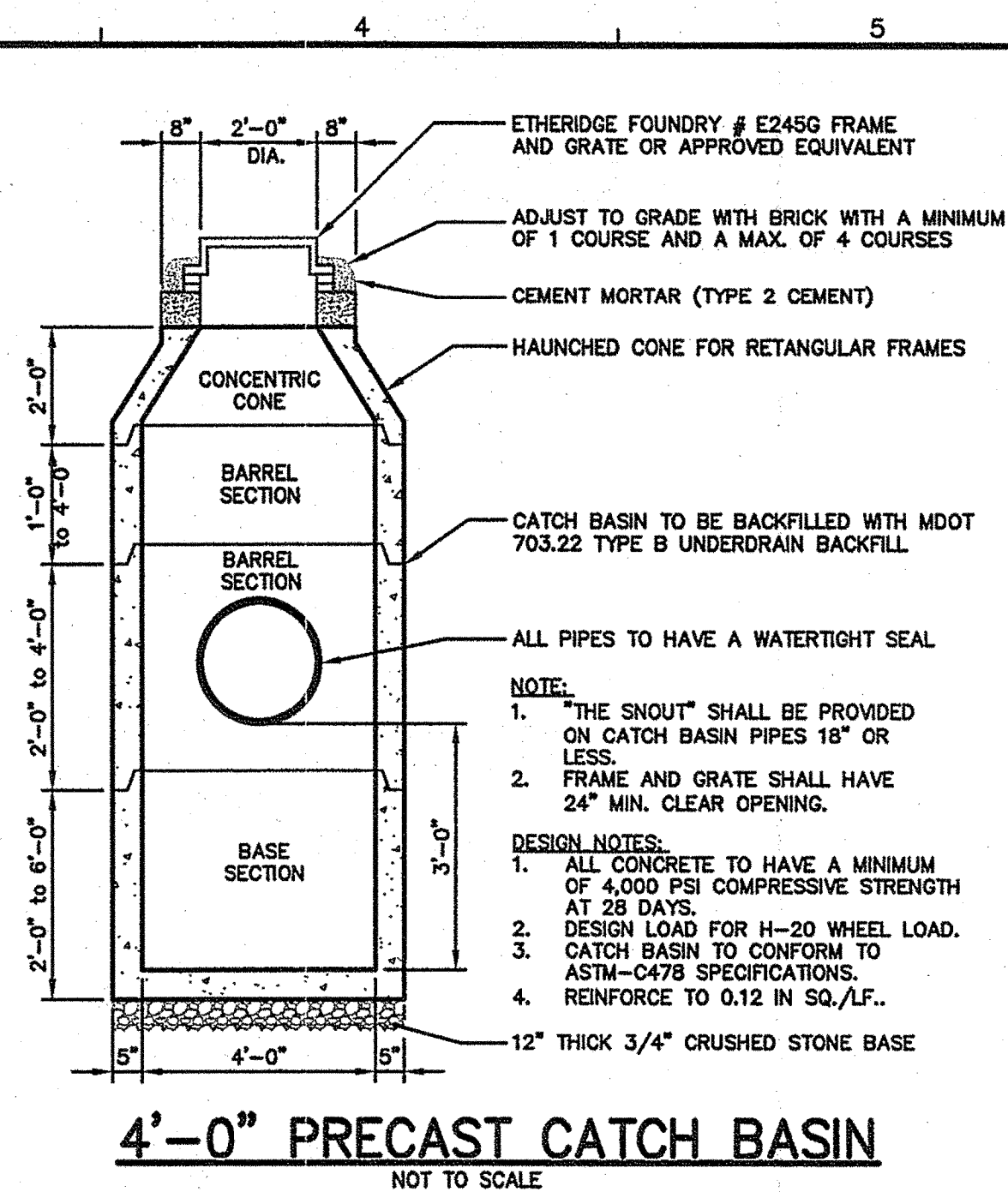
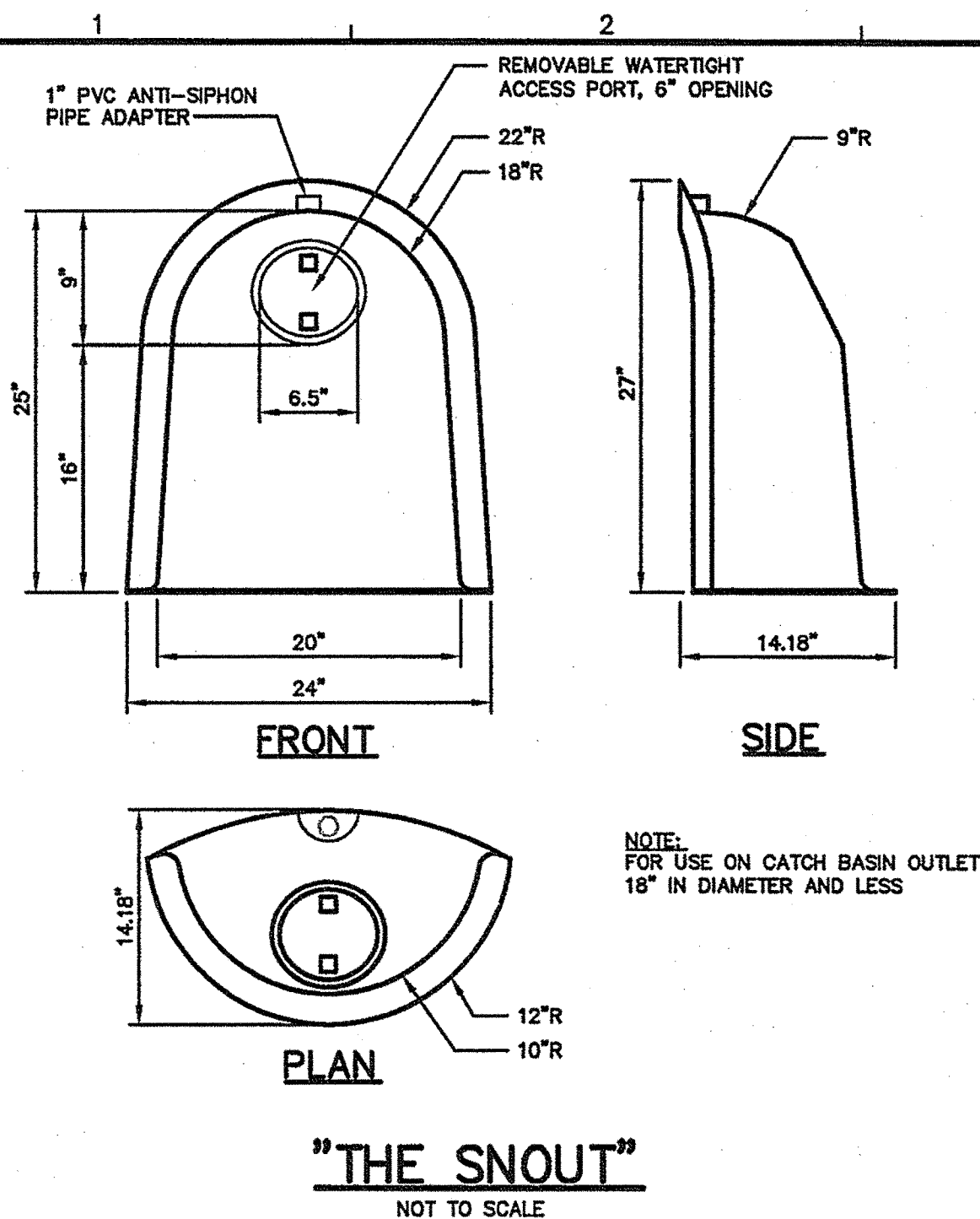
TYPICAL SECTION A-A
NOT TO SCALE



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		DATE MAY 1, 2009	
PIN NO: 16123.50		DATE	
PROJECT INFORMATION		PROJECT INFORMATION	
PROGRAM	WFF	PROJECT MANAGER	DESIGNER
CONSULTANT	ALLIED ENGINEERING	PROJECT RESIDENT	CONTRACTOR
PROJECT COMPLETION DATE		PROJECT COMPLETION DATE	
MAINE DEPARTMENT OF TRANSPORTATION ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY		Retaining Wall Plan & Profile	
SHEET NUMBER C-401		OF 8	



S:\Land Projects\1826 - Acadia Gateway\Z - CAD\DWG\1826-DETAILS.dwg Aug 04, 2009 - 8:22am



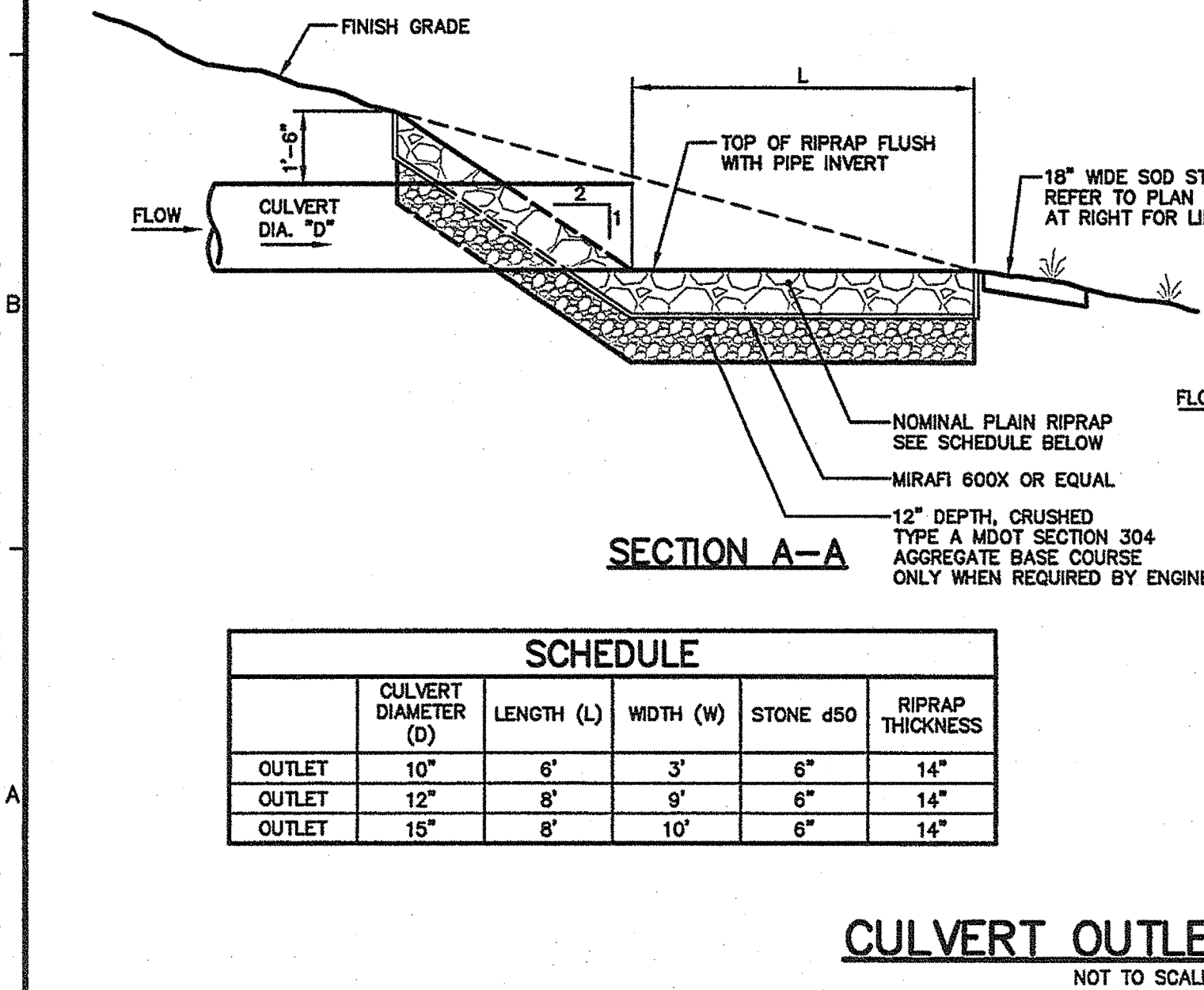
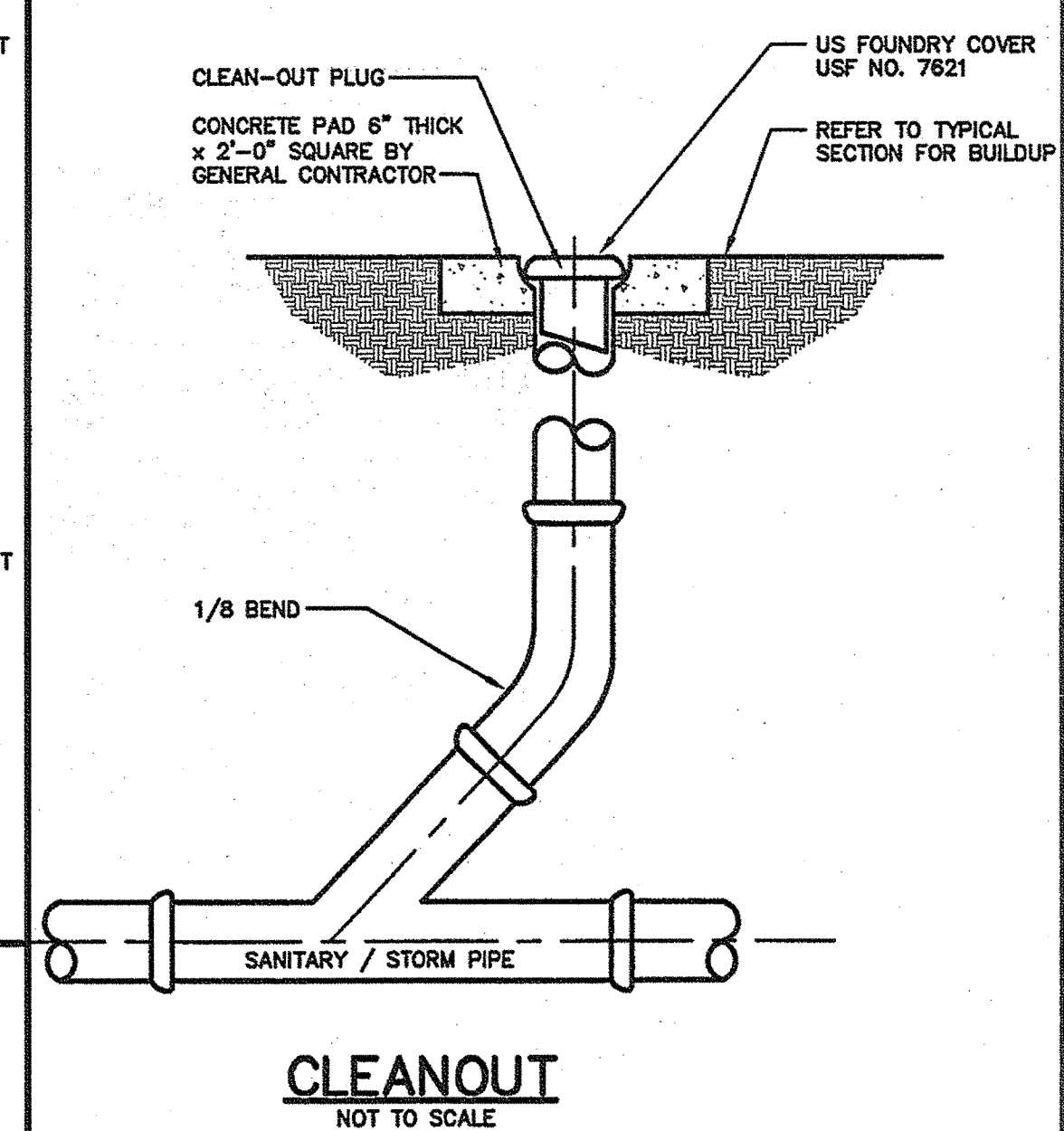
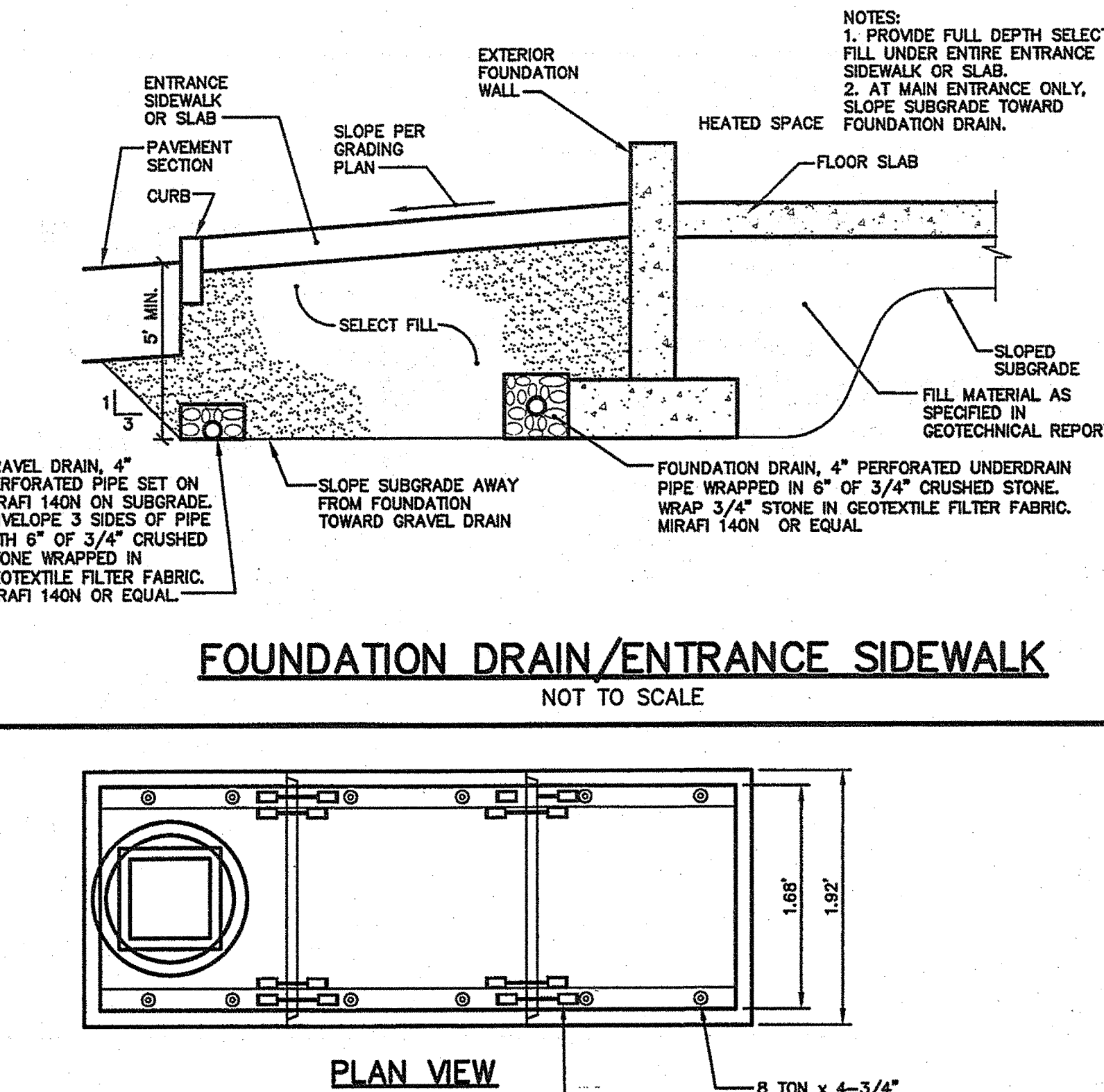
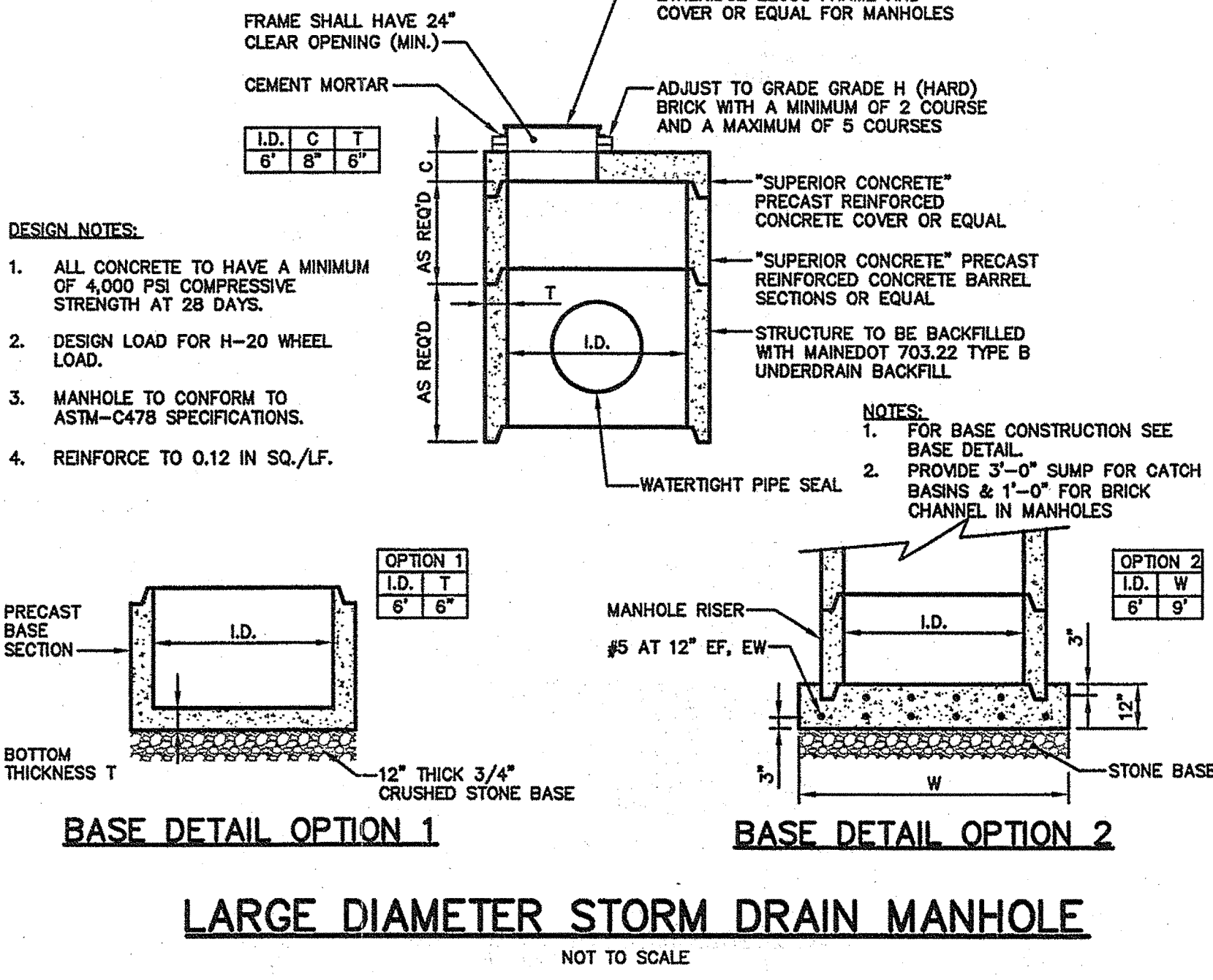
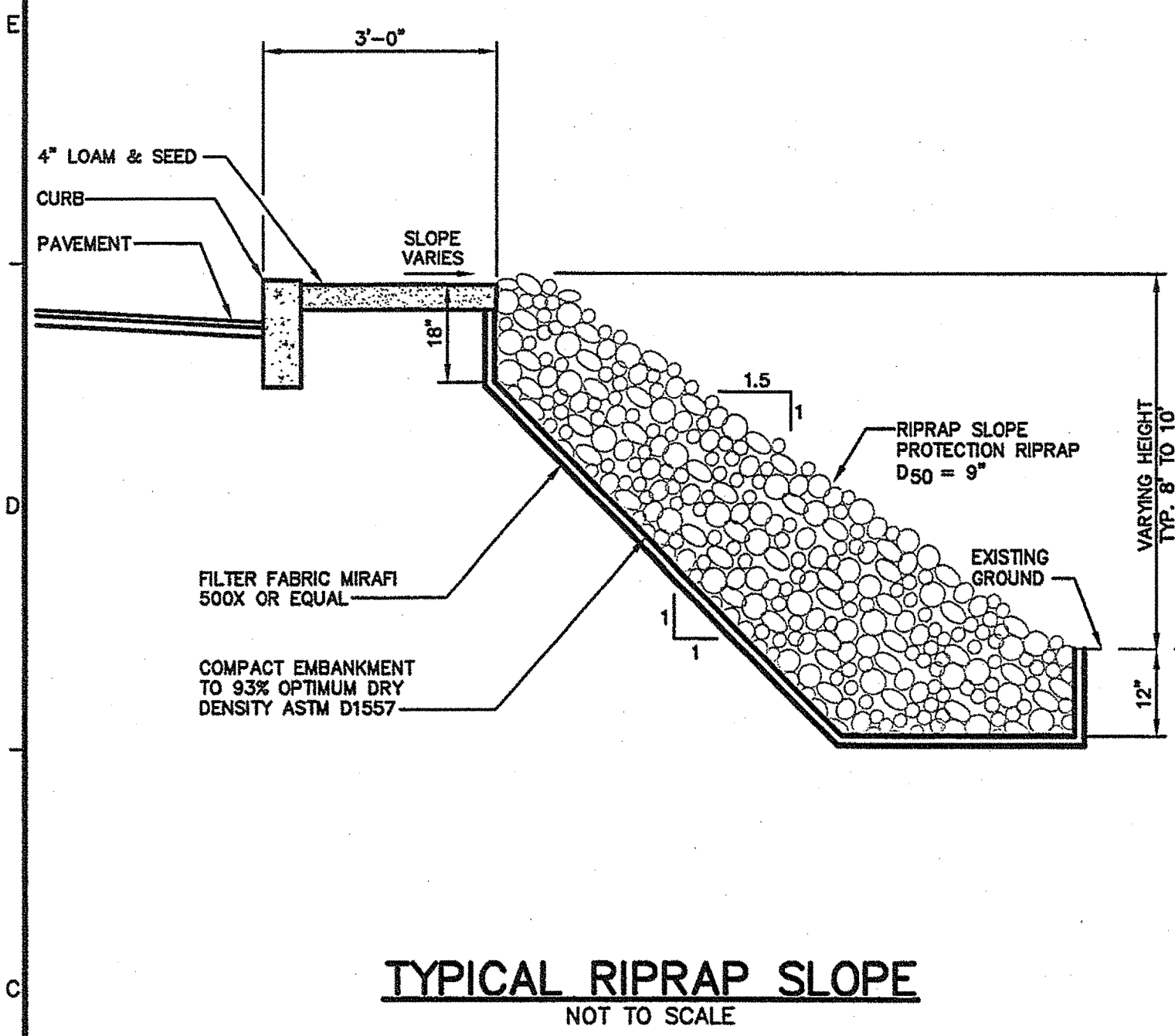
SCHEDULE OF TRENCH BACKFILL		
TYPE OF PIPE	EMBEDMENT MATERIAL	SELECT BACKFILL
CMP DUCTILE IRON RCP	MDOT 703.22 TYPE B UD BACKFILL	MDOT 703.22 TYPE B UD BACKFILL
PVC-SDR 35 HDPE	MDOT 703.22 TYPE C 3/4" CRUSHED STONE	MDOT 703.22 TYPE C 3/4" CRUSHED STONE
PERFORATED PVC-SDR35 HDPE	MDOT 703.22 TYPE C 3/4" CRUSHED STONE	MDOT 703.22 TYPE C 3/4" CRUSHED STONE

NOTE:
1. BRACING AND SHEETING OR OTHER TRENCH PROTECTION TO BE PROVIDED TO MEET APPLICABLE STATE AND O.S.H.A. SAFETY STANDARDS. ALL SUCH TRENCH PROTECTION TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. INSTALL WARNING TAPE DIRECTLY ABOVE UTILITIES, 12" BELOW FINISH GRADE.

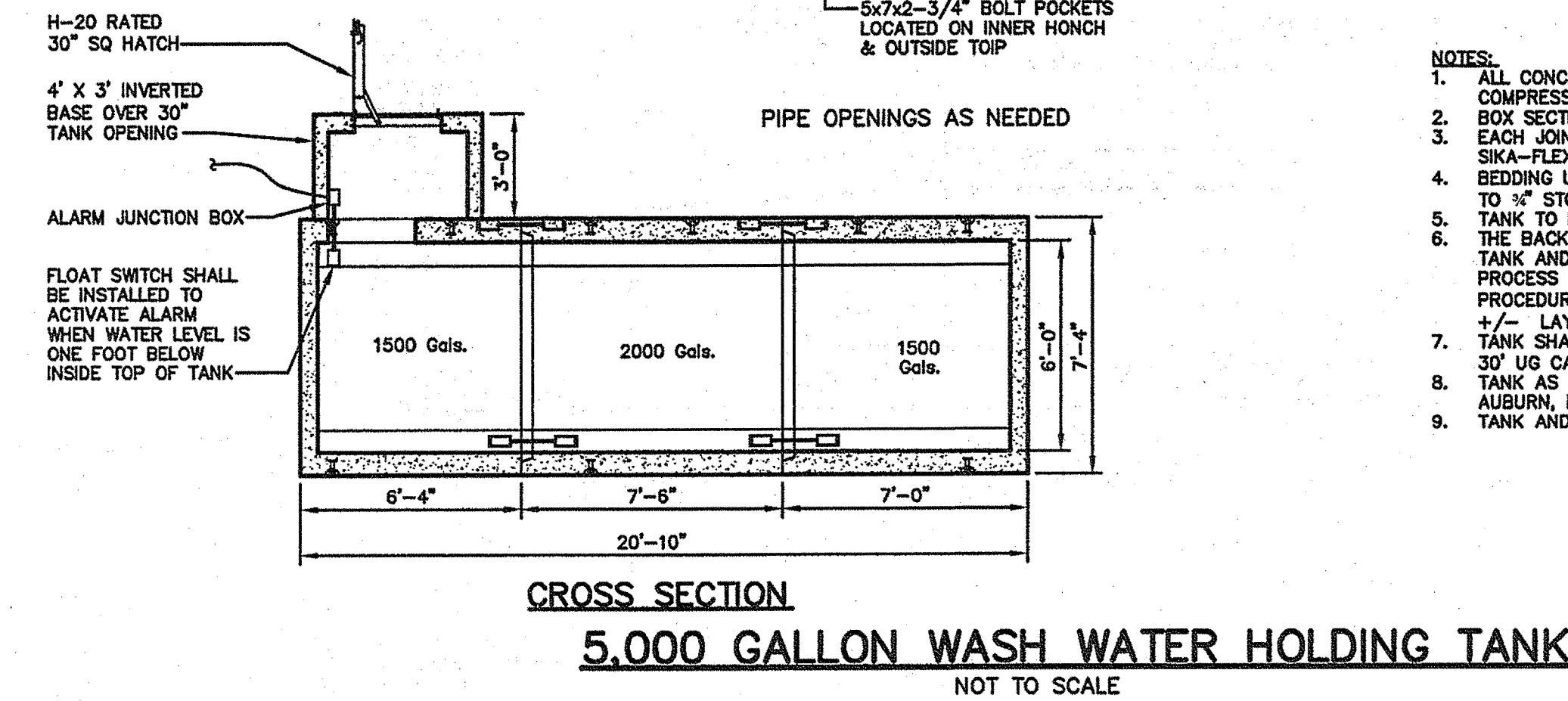
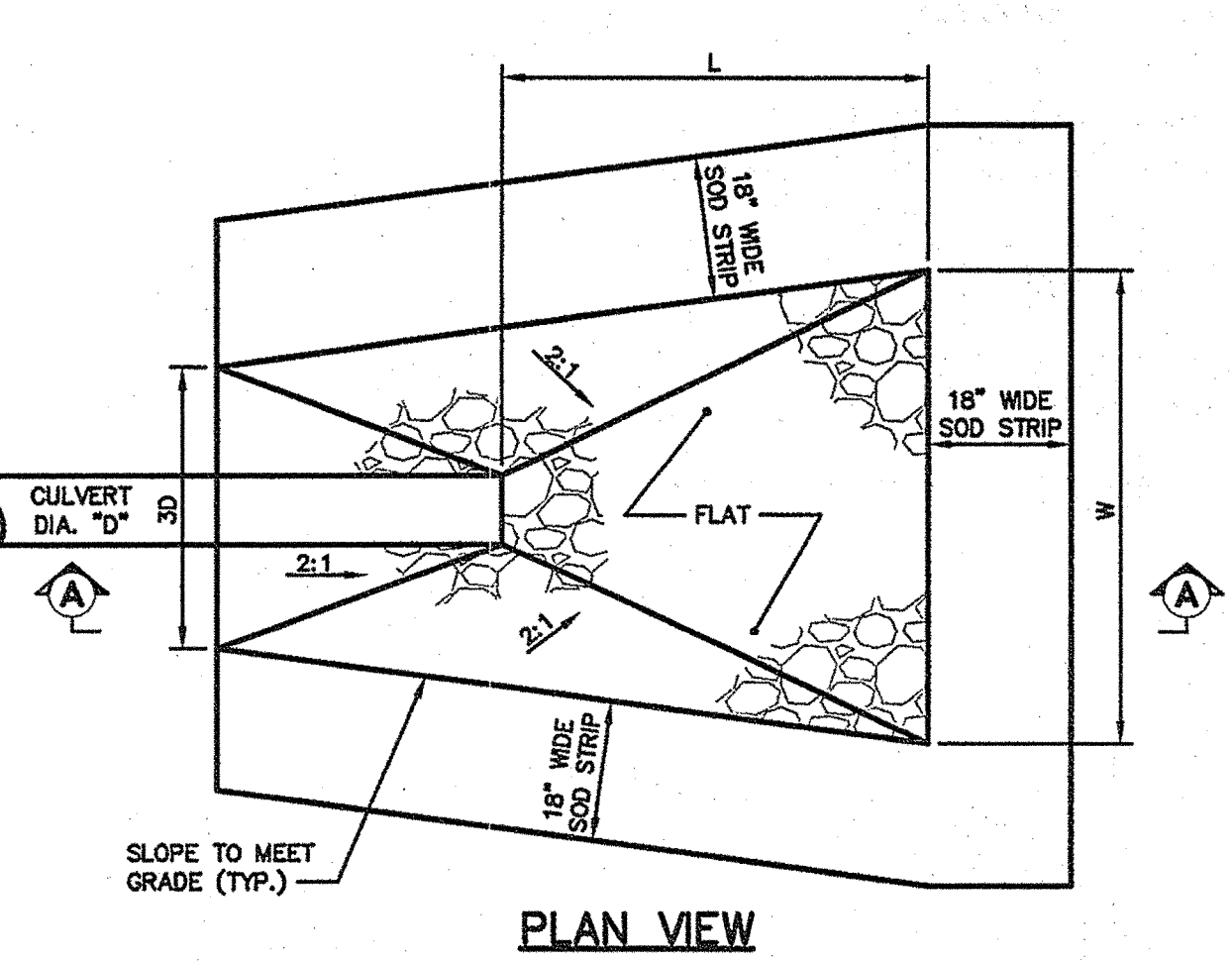
MINIMUM COVER

PIPE	(1)
DRAIN	
WATER	
SEWER	

(1) COVER BETWEEN 2' AND 3' SHALL INCLUDE 4" RIGID INSULATION. COVER BETWEEN 3' AND 4' SHALL INCLUDE 2" RIGID INSULATION.



SCHEDULE				
CULVERT DIAMETER (D)	LENGTH (L)	WIDTH (W)	STONE #50	RIPRAP THICKNESS
OUTLET 10"	6'	3'	6"	14"
OUTLET 12"	8'	9'	6"	14"
OUTLET 15"	8'	10'	6"	14"



- NOTES:
1. ALL CONCRETE SHALL ACHIEVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5,000 PSI.
 2. BOX SECTION REINFORCING SHALL BE GRADE 60 EACH JOINT SEALED WITH CONSEAL AND A TOP COAT OF SIKAFLEX-A.
 3. BEDDING UNDER TANK TO BE A 6" TO 8" LAYER OF 1/2" TO 3/4" STONE.
 4. TANK TO BE BACKFILLED PRIOR TO TESTING.
 5. THE BACKFILL PROCESS TO START AT THE ENDS OF THE TANK AND WORKED TO THE MIDDLE. THE BACKFILLING PROCESS TO FOLLOW STANDARD CONSTRUCTION PROCEDURES, EVEN BACKFILLING AND COMPACTING IN 12" +/- LAYERS.
 6. TANK SHALL BE SUPPLIED WITH HIGH WATER ALARM AND 30' UO CABLE.
 7. TANK AS SUPPLIED BY AMERICAN CONCRETE INDUSTRIES, AUBURN, MAINE OR ENGINEER APPROVED EQUAL.
 8. TANK AND RISER SHALL BE RATED FOR H-20 LOADING.

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE
MAY 1, 2009

FED PIN NO:
PIN NO: 16123.50

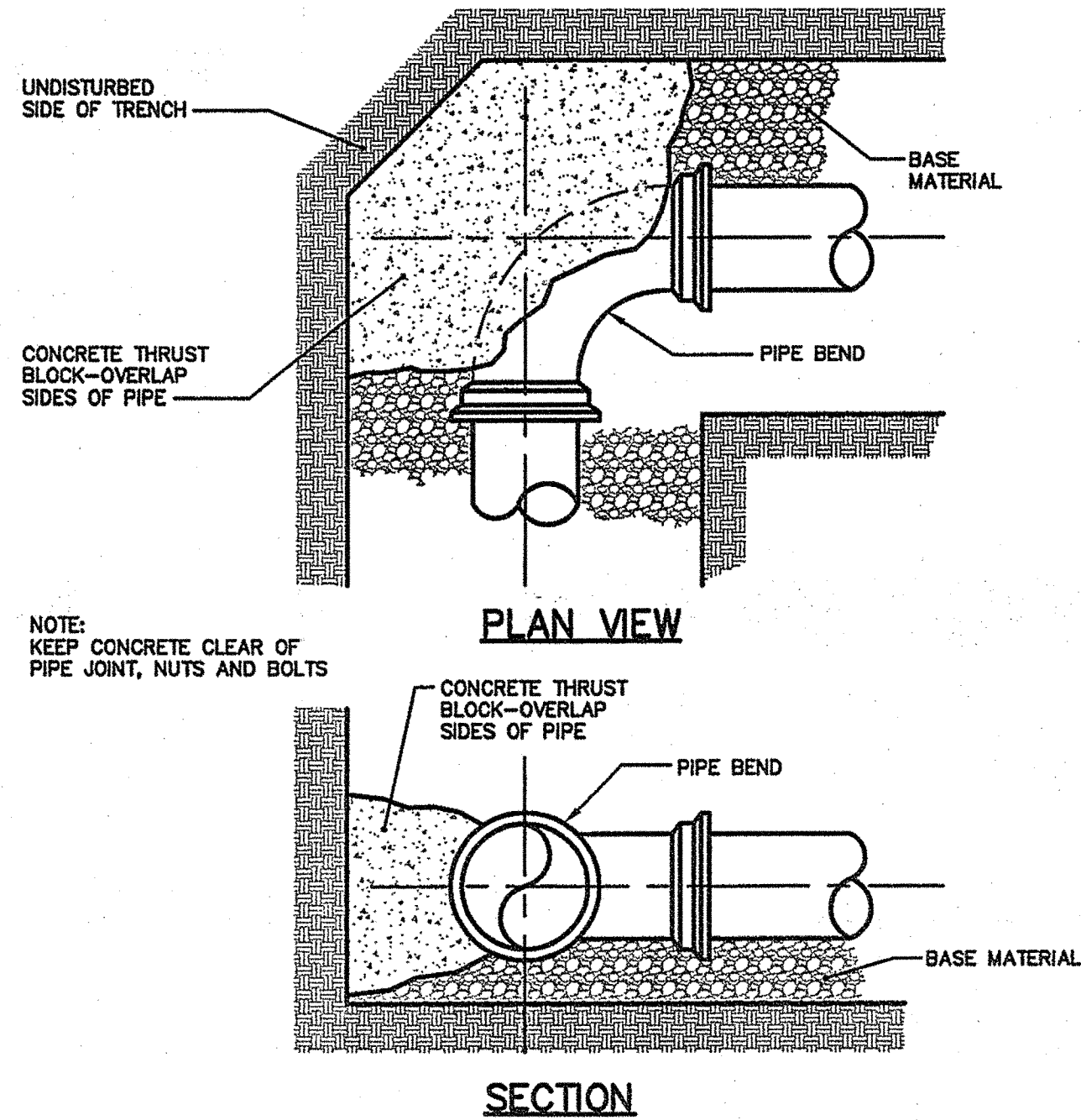
PROJECT INFORMATION

PROGRAM	WFF
PROJECT MANAGER	
DESIGNER	
CONSULTANT	ALLIED ENGINEERING
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

Drainage and Utility Details

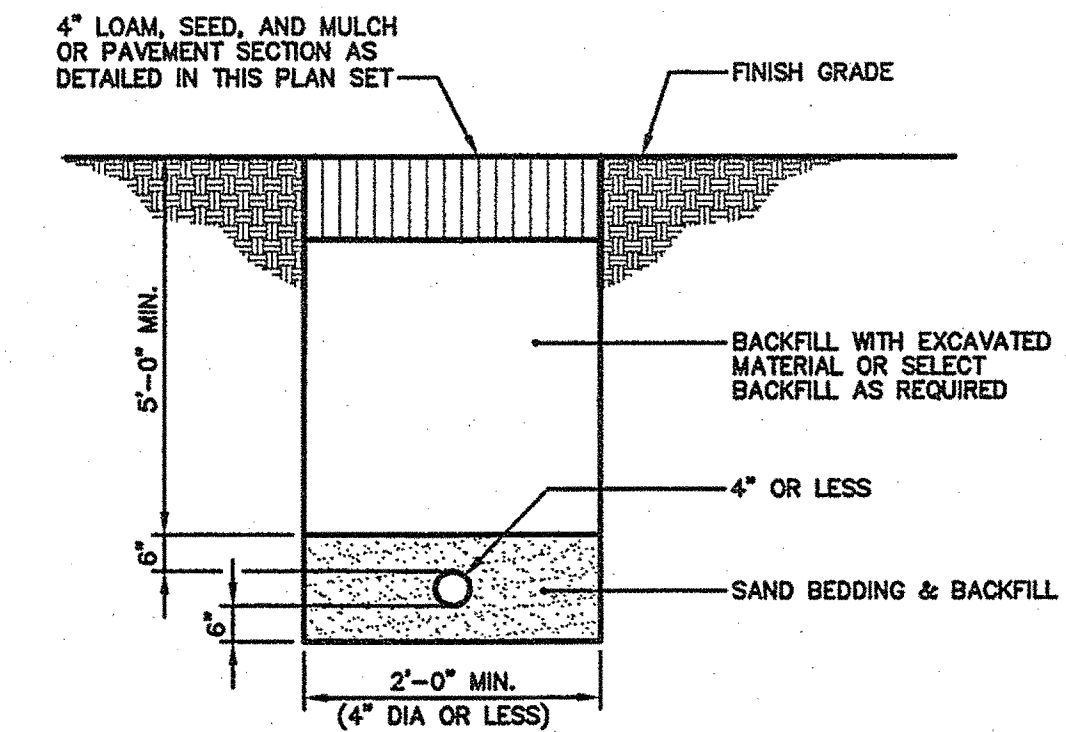
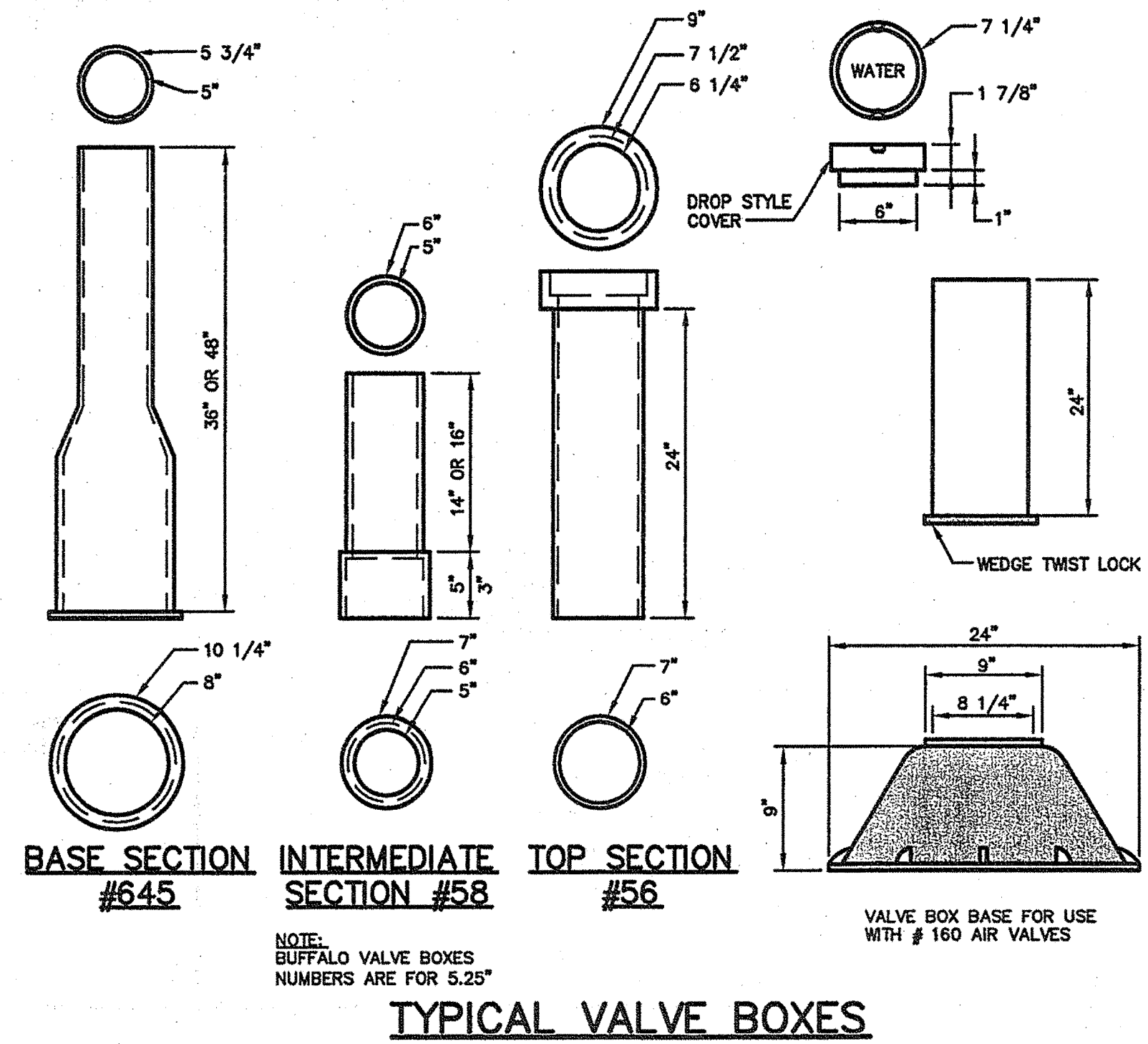
SHEET NUMBER
C-403
OF 8



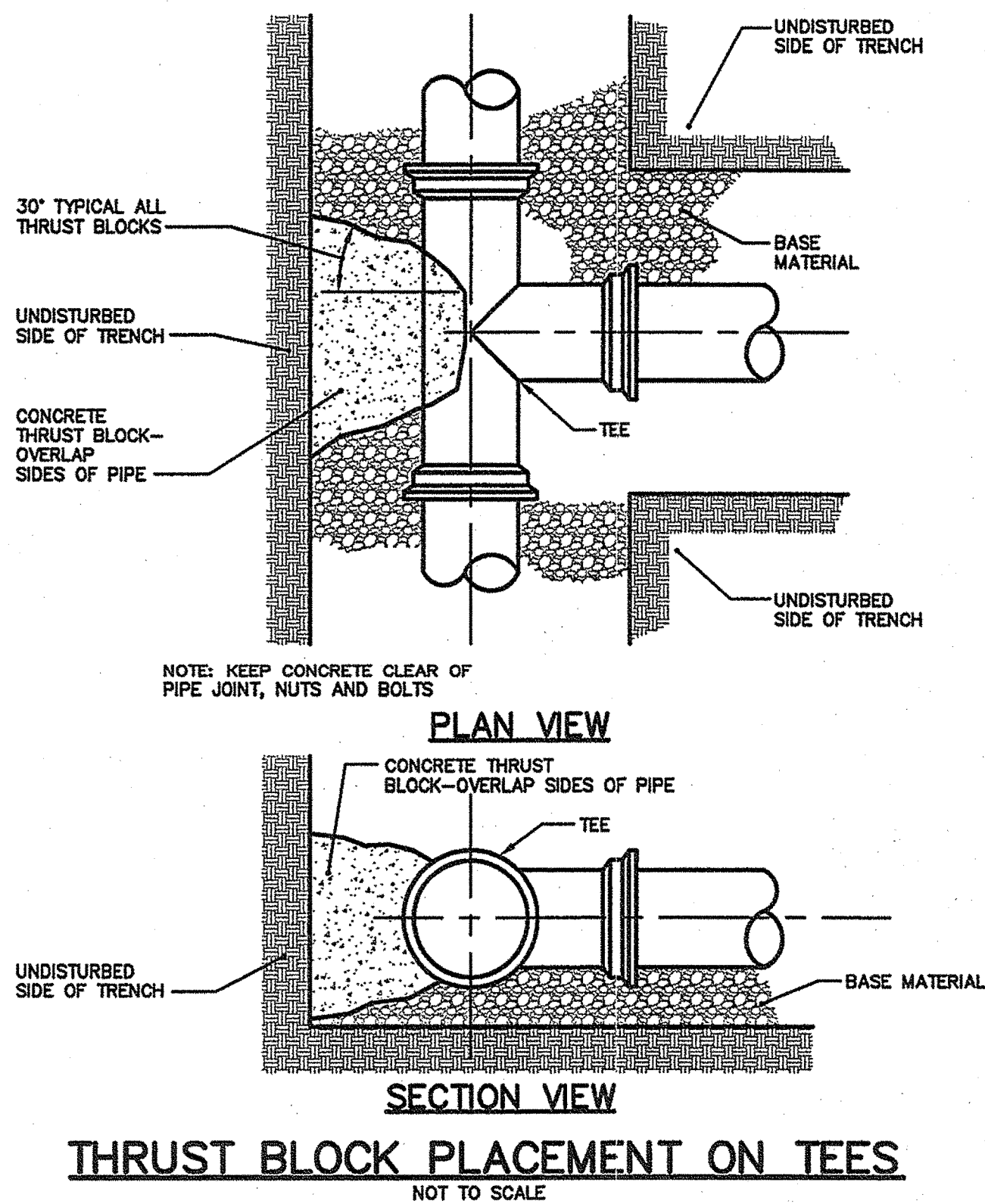
THRUST/RETAINER GLAND SCHEDULE			
1/4 BEND	90°	USE POURED IN-PLACE THRUST BLOCK WITH RETAINERS	
1/8 BEND	45°	THRUST BLOCK WITH RETAINERS	
1/16 BEND	22 1/2°	THRUST BLOCK	
1/32 BEND	11 1/4°	THRUST BLOCK	

THE ABOVE SCHEDULE IS SUBJECT TO THE APPROVAL OF THE ON-SITE INSPECTOR DUE TO SOILS AND WORKING PRESSURES IN THE AREA.

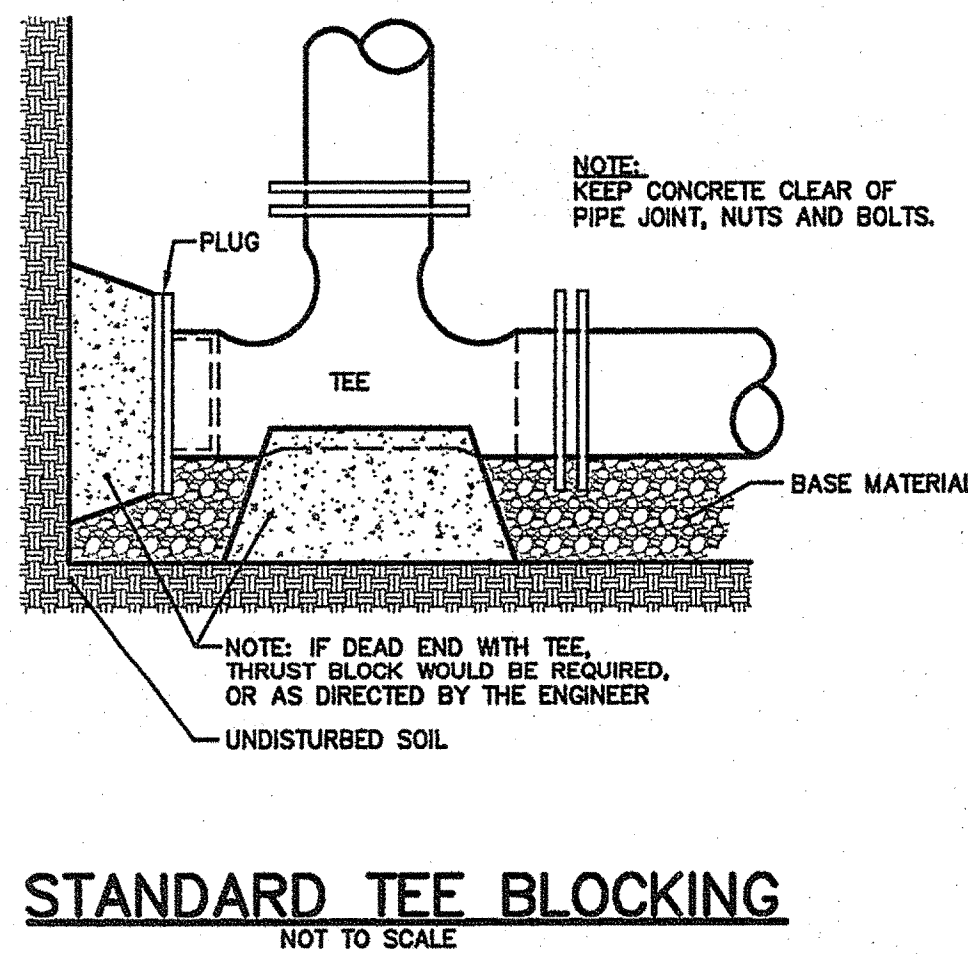
THRUST BLOCK PLACEMENT ON BENDS
NOT TO SCALE



WATER SERVICE TRENCH SECTION
NOT TO SCALE



THRUST BLOCK PLACEMENT ON TEES
NOT TO SCALE



STANDARD TEE BLOCKING
NOT TO SCALE

1. THE BEARING SURFACE OF THE THRUST BLOCK SHALL BE THE SURFACE AREA OF THE THRUST BLOCK WHICH IS CAST AGAINST THE TRENCH WALL. THE BEARING SURFACE SHALL NOT EXCEED THE FOLLOWING LOADINGS:

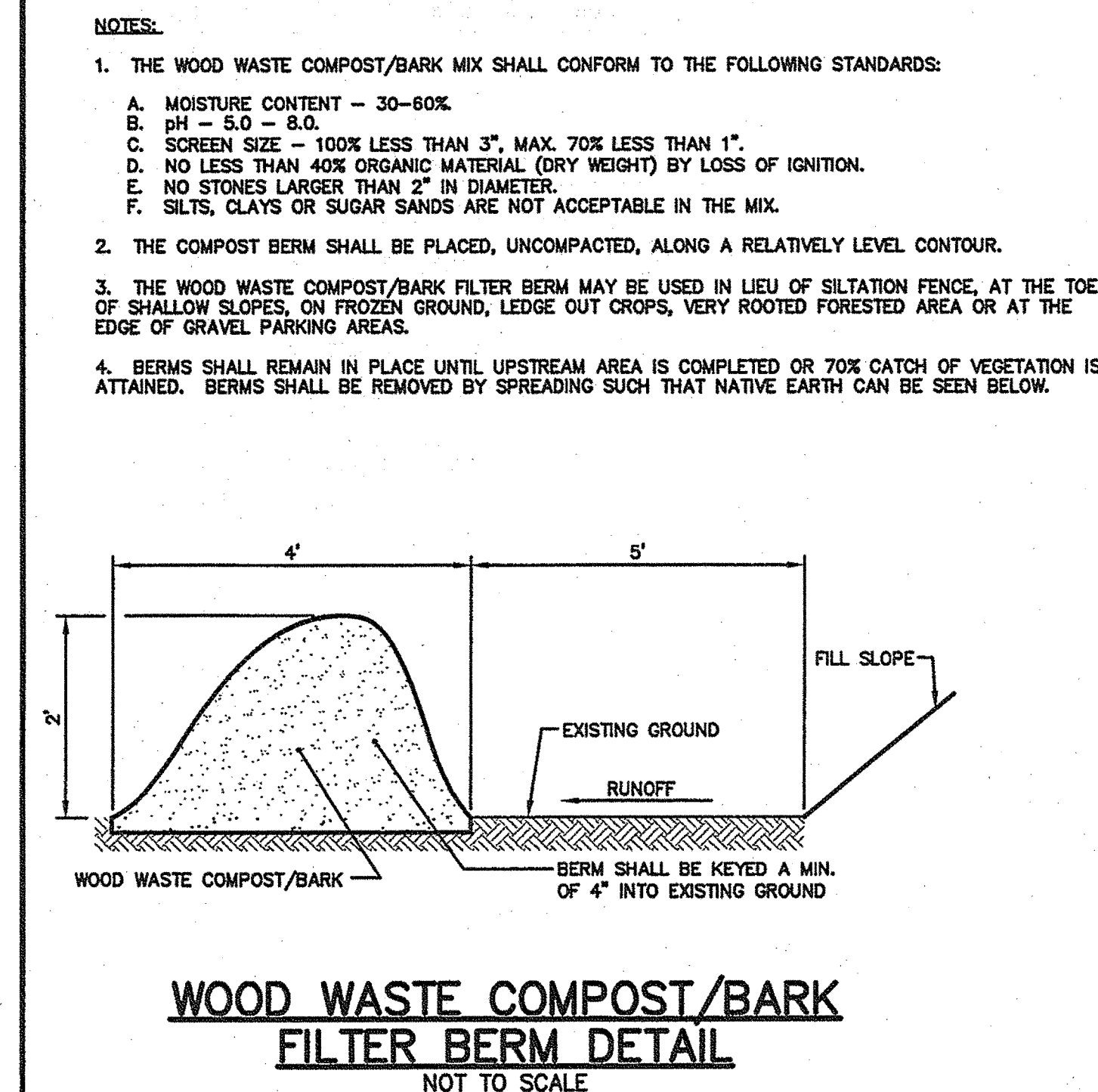
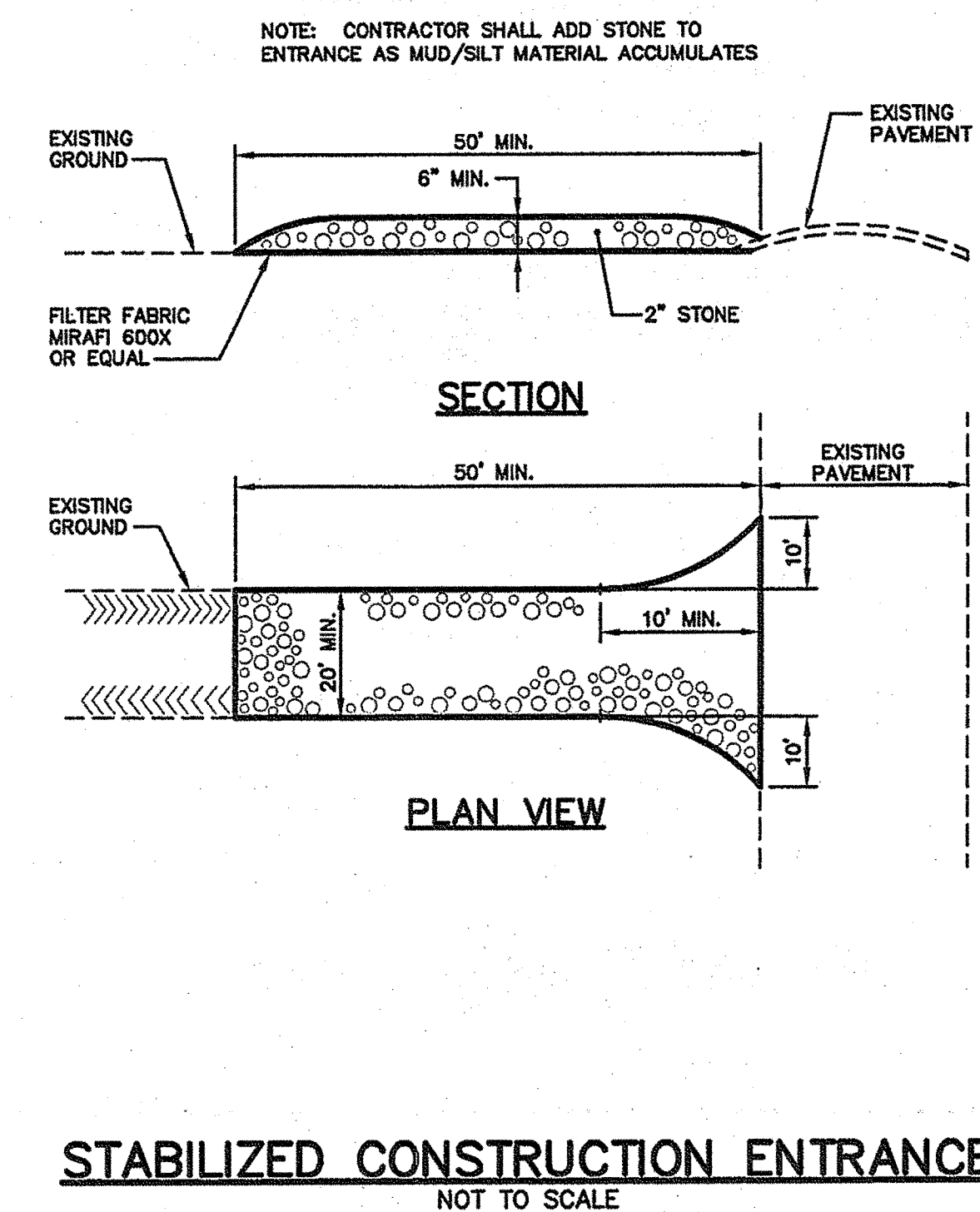
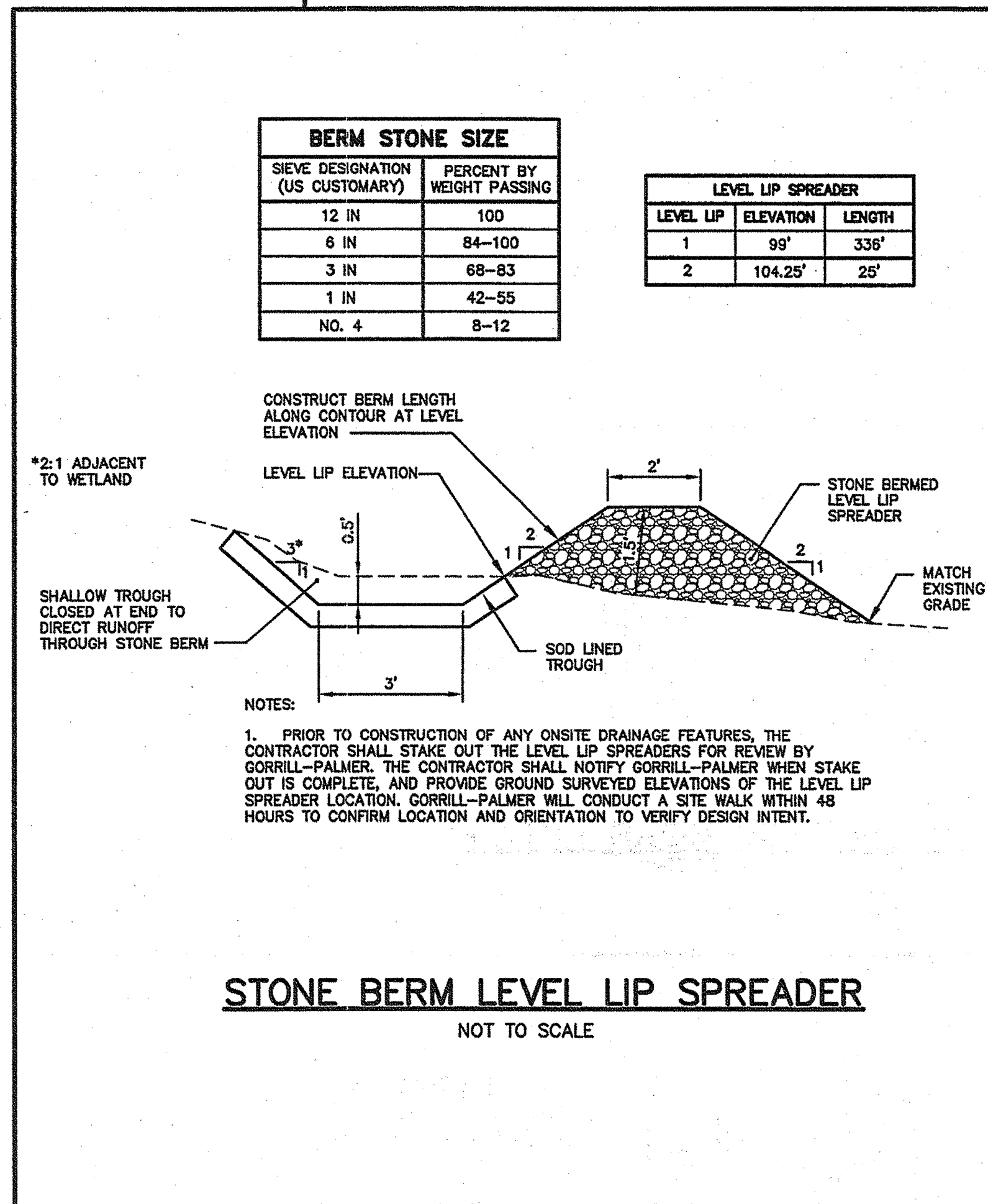
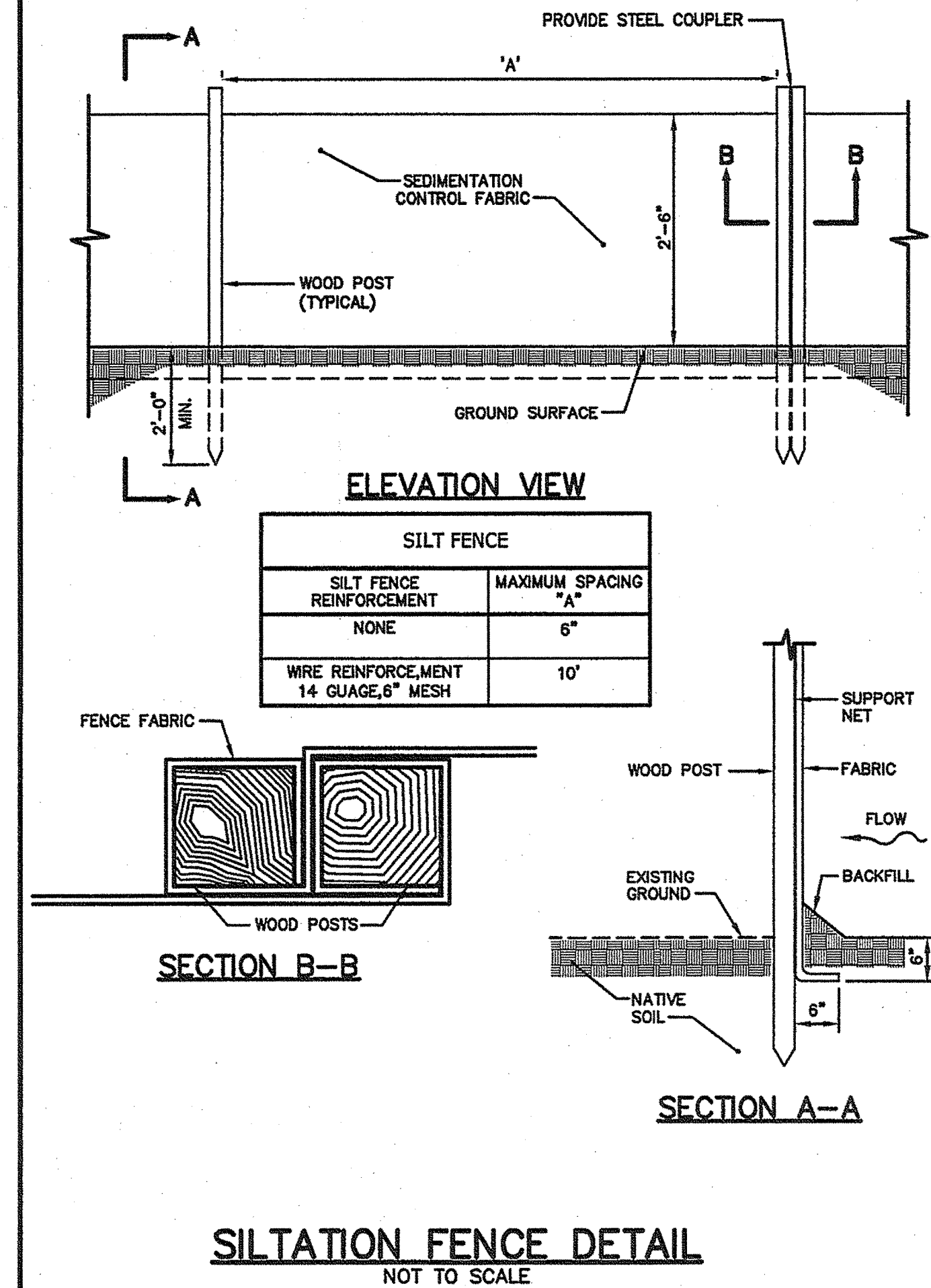
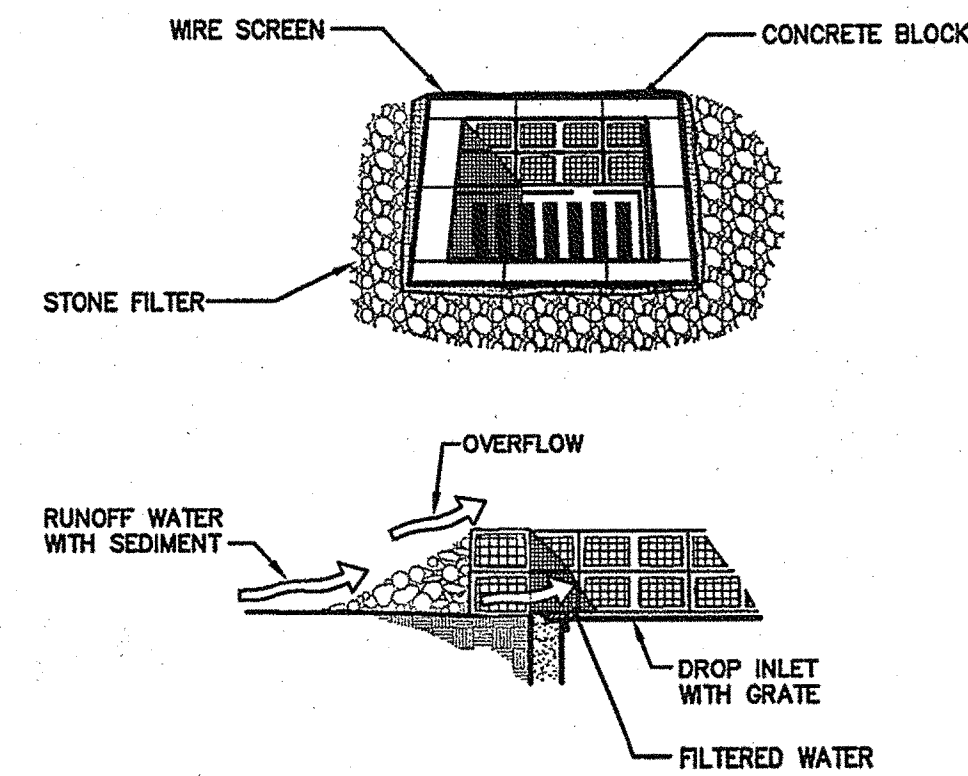
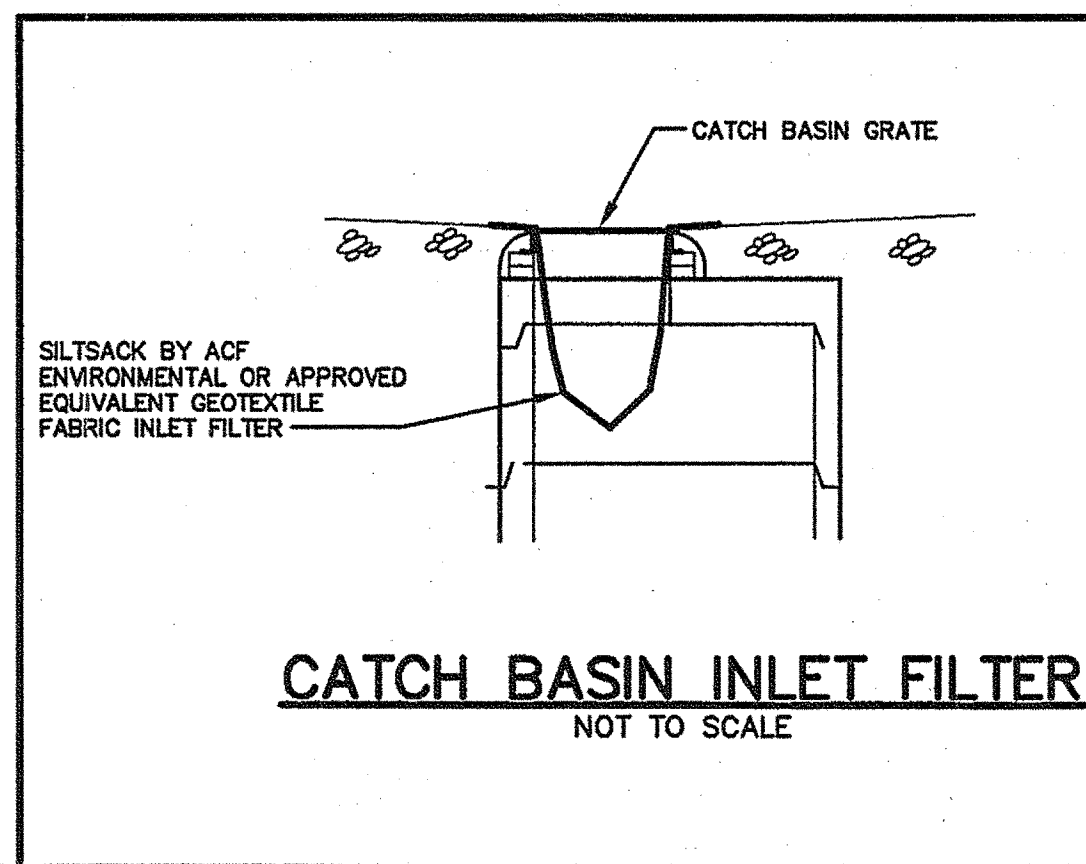
IN-SITU CONDITION	ALLOWABLE
BEDROCK	3,000 psf
SAND OR OUTWASH DEPOSITS	1,500 psf
OTHER SOILS	1,000 psf

THE THRUST SHALL BE COMPUTED ON THE BASIS OF 150 psf x THE CROSS SECTIONAL AREA OF THE PIPE. FOR EXAMPLE, A THRUST BLOCK FOR A 1/4 BEND ON AN 8" WATER MAIN BEARING AGAINST CLAY WOULD REQUIRE A BEARING SURFACE OF 7.5 s.f.

$$150 \text{ psf} \times 50 \text{ sq. in.} = 7.5 \text{ s.f.}$$

2. INSTALL POLY BARRIER BETWEEN PIPE AND ALL THRUST BLOCKS.

THRUST BLOCK NOTES



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE
MAY 1, 2009
FED PIN NO:
PIN NO: 16123.50

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

Erosion Control Details

PROJECT INFORMATION
PROGRAM PROJECT MANAGER DESIGNER CONSULTANT PROJECT RESIDENT CONTRACTOR
WFF - - - - -
- - - - -
- - - - -
- - - - -
- - - - -

SHEET NUMBER
C-405
OF 8

ARCHITECTURAL NOTES

GENERAL ARCHITECTURAL NOTES:

1. THESE DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS WHICH MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY THESE DRAWINGS WITH EXISTING FIELD CONDITIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF INCONSISTENCIES BETWEEN THESE DRAWINGS AND ACTUAL CONDITIONS BEFORE SUBMITTING FINAL BID.

2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY WORK INDICATED IN THE CONTRACT DOCUMENTS CANNOT BE PERFORMED DUE TO EXISTING FIELD CONDITIONS BEFORE SUBMITTING FINAL BID.

3. ALL WORK SHALL BE IN FULL ACCORDANCE WITH ALL STATE AND LOCAL BUILDING CODES.

GENERAL BUILDING CODE INFORMATION

APPLICABLE BUILDING CODES:

MAINE MODEL BUILDING CODE
MAINE MODEL BUILDING CODE FOR SAFETY, LIFE FROM FIRES IN BUILDINGS & STRUCTURES 2006
2003 INTERNATIONAL BUILDING CODE WITH AMENDMENTS.
1997 NFPA 101 FIRE AND LIFE SAFETY CODE WITH AMENDMENTS
ADA ACCESSIBILITY GUIDELINES.

OCCUPANCY USE GROUP CLASSIFICATION:
DOMINANT OCCUPANCY GROUP: SEPARATED MIXED USE: B, S1
INCIDENTAL OCCUPANCY GROUPS: S2, R3

CONSTRUCTION TYPE CLASSIFICATION (CHAPTER 6):
NEW CONSTRUCTION: 2B

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (TABLE 601):
STRUCTURAL FRAME: 0 HR
FIRE ENCLOSURE FOR EXITS: 0 HR- EXCEPTION-IBC 1019.1 EXCEPTIONS 8,9
SHAFTS: 1 HR
STRUCTURAL ELEMENTS: 0 HR
FLOORS: 0 HR
ROOF: 0 HR

FIRE SEPARATION -- FIRE-RESISTANCE RATINGS (TABLE 705.4):
GROUP 2 HR SEPARATION BETWEEN USE GROUP B AND S1

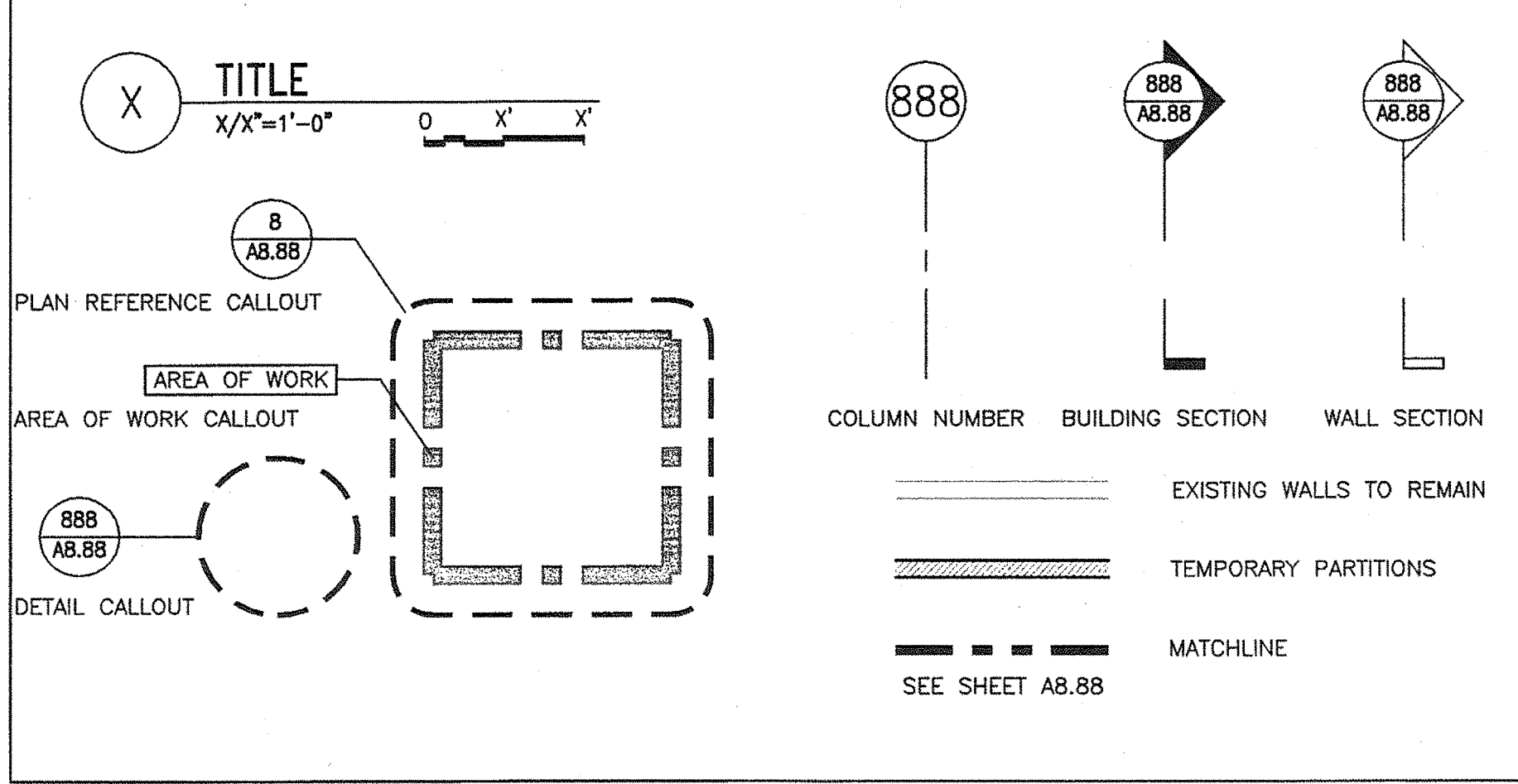
BUILDING HEIGHT (TABLE 503): XX

BUILDING AREA (TABLE 503): XX

OCCUPANCY LOADS: LEVEL 1 - 107 OCCUPANTS, LEVEL 2 - 54 OCCUPANTS

MEANS OF EGRESS:
MINIMUM NUMBER OF EXITS: 2
TRAVEL DISTANCES: USE GROUP B- 300 FEET, USE GROUP S1 - 250 FEET

SYMBOLS



ARCHITECTURAL ABBREVIATIONS

A/C	AIR CONDITIONING	GA	GAUGE	R	RADIUS, RISER
ACC	ACCESSIBLE	GALV	GALVANIZED	RB	RUBBER
ACCT	ACCOUNTING	GB1	GRAB BAR (42")	RCP	REFLECTED CEILING PLAN
ACOUST	ACOUSTICAL	GB2	GRAB BAR (36")	RD	ROOF DRAIN
ACS	ACCESS CONTROL SYSTEM	GB3	GRAB BAR (24")	RE	RESIDENT ENGINEER
ACT	ACOUSTICAL CEILING TILE	GC	GENERAL CONTRACTOR	REF	REFERENCE
ADA	AMERICAN DISABILITY ACT	GEN	GENERAL	REG	REGISTER
AD	AREA DRAIN	GL	GLASS	REINF	REINFORCED
ADJ	ADJUSTABLE	GR	GRADE	RENOV	RENOVATE(D)
AE	AMERICAN EAGLE AIRLINES	GWB	GYPSPUM WALLBOARD	REQ	REQUIRED
AFF	ABOVE FINISHED FLOOR			RESIL	RESILIENT
AHU	AIR HANDLING UNIT	H	HIGH, HEIGHT	RET	RETURN
ALUM	ALUMINUM	HB	HOSE BIBB	REVRH	REVISION
APPROX	APPROXIMATELY	HC	HOLLOW CORE	RHR	RIGHT HAND
ARCH	ARCHITECTURAL; ARCHITECT	HDCP	HANDICAP PERSON	RWL	RIGHT HAND REVERSE
ASST	ASSISTANT	HDWD	HARDWOOD	RM	RAIN WATER LEADER
ATTD	ATTACHED	HDWR	HARDWARE	RO	ROOM
		HGT	HEIGHT	RU	ROUGH OPENING
BD	BOARD	HM	HOLLOW METAL		ROLLUP
BEL	BELOW	HORIZ	HORIZONTAL	S	SINGLE
BIT	BITUMINOUS	HVAC	HEATING, VENTILATING AND AIR-CONDITIONING	SC	SOLID CORE
BLDG	BUILDING			SCD	SEAT COVER DISPENSER
BLK	BLOCK(ING)	ID	INSIDE DIAMETER	SCHED	SCHEDULE
BM	BEAM	INCAND	INCANDESCENT	SD	SECTIONAL DOOR
BO	BOTTOM OF	INCL	INCLUDE(D, ING)	SDPR	SOAP DISPENSER
BOT	BOTTOM	INSL	INSTALLED	SECT	SECTION
BS	BOTH SIDES	INT	INSULATION	SEP	SEPARATE
BTWN	BETWEEN	JAN	JANITOR	SHT	SHEET
		JT	JOINT	SHTH	SHEATHING
CAB	CABINET			SHWR	SHOWER
CB	CATCH BASIN	L	LENGTH	SK	SIMILAR
CEM	CEMENT	LAB	LABORATORY	SPEC	SPECIFICATIONS
CG	CORNER GAURD	LAM	LAMINATE(D)	SPLR	SPRINKLER
CIP	CAST-IN-PLACE	LAV	LAVATORY	SPM	SPRINKLER MAIN
CJ	CONTROL JOINT	LCKR	LOCKER	SQ	SQUARE
CLG	CENTER LINE	LH	LEFT HAND	SS; SST	STAINLESS STEEL
CLNG	CEILING	LHR	LEFT HAND REVERSE	STA	STATION
CLR	CLEAR(ANCE)	LP	LOW POINT	STD	STANDARD
CLR OPG	CLEAR OPENING	LTG	LIGHTING	STL	STEEL
CMU	CONCRETE MASONRY UNIT			STOR	STORAGE
COL(S)	COLUMN(S)	MACH	MACHINE	STRUCT	STRUCTURAL
CONC	CONCRETE	MAINT	MAINTENANCE	SUSP	SUSPENDED
CONF	CONFERENCE	MANUF	MANUFACTURER	SYM	SYMMETRICAL
CONST	CONSTRUCTION	MAS	MASONRY		
CONT	CONTINUOUS	MAT	MATERIAL	T	TREAD
CORR	CORRIDOR, CORRUGATED	MAX	MAXIMUM	T&G	TONGUE AND GROOVE
CPT	CARPET	MECH	MECHANICAL	TCO	TEMPORARY CERTIFICATE OF OCCUPANCY
CT	CERAMIC TILE	MED	MEDIUM, MEDIAN	TEMP	TEMPORARY, TEMPERED
CTR	CENTER	MEMB	MEMBRANE	TEL	TELEPHONE
		MEZZ	MEZZANINE	TER	TERRAZZO
D	DEEP	MGR	MANAGER	THK	THICK(NESS)
DBL	DOUBLE	MIN	MINIMUM	THRU	THROUGH
DEMO	DEMOLISH/DEMOLITION	MIR	MIRROR	TLT	TOILET
DET	DETAIL	MISC	MISCELLANEOUS	TO	TOP OF
DF	DRINKING FOUNTAIN	MO	MASONRY OPENING	TOC	TOP OF CURB, TOP OF CONCRETE
DIA	DIAMETER	MOD	MODULAR	TOM	TOP OF MASONRY
DIM	DIMENSION	MR	MOISTURE RESISTANT	TOS	TOP OF STEEL
DIV	SPECIFICATION DIVISION	MTD	MOUNTED	TOW	TOP OF WALL
DN	DOWN	MTG	MOUNTING	TPT	TOILET PARTITION
DO	DOOR OPENING	MTL	METAL	TTD	TOILET TISSUE DISPENSER
DR	DOOR	MWK	MILLWORK	TYP	TYPICAL
DWG	DRAWING			UNF	UNFINISHED
		N/A	NOT APPLICABLE	UON	UNLESS OTHERWISE NOTED
EA	EACH	N.I.C.	NOT IN CONTRACT	UR	URINAL
EB	EXPANSION BOLT	NO	NUMBER		
EJ	EXPANSION JOINT	NOM	NOMINAL	VB	VAPOR BARRIER
EL	ELEVATION	NTS	NOT TO SCALE	VCT	VINYL COMPOSITION TILE
ELEC	ELECTRICAL			VERT	VERTICAL
ELEV	ELEVATOR	OA	OVERALL	VEST	VESTIBULE
ENCL	ENCLOSURE	O.C.	ON CENTER	VIF	VERIFY IN FIELD
EQ	EQUAL	OCC	OCCUPANT	VIN	VINYL
EQUIP	EQUIPMENT	OD	OUTSIDE DIAMETER	VWC	VINYL WALLCOVERING
EV	ELEVATOR	OFF	OFFICE		
EX	EXISTING	OPNG	OPENING	W	WIDE, WIDTH
EXEC	EXECUTIVE	OPP H	OPPOSITE HAND	W/	WITH
EXH	EXHAUST	OPP	OPPOSITE	WC	WATER CLOSET
EXIST	EXISTING	OPS	OPERATIONS	WD	WOOD
EXP	EXPANSION, EXPOSED	ORD	OVERFLOW ROOF DRAIN	WIN	WINDOW
EXT	EXTERIOR			WO	WINDOW OPENING
		P	PAINT	W/O	WITHOUT
FA	FIRE ALARM	PERF	PERFORATED	WP	WORKING POINT
FAB	FABRICATE(D)	PERIM	PERIMETER	WPR	WATERPROOF(ING)
FACP	FIRE ALARM CONTROL PANEL	PRF	PREFORMED	WS	WEATHERSTRIP(ING)
FAST	FASTEN(ER)	PFN	PREFINISHED	WT	WEIGHT
FD	FLOOR DRAIN	PL	PLATE		
FDN	FOUNDATION	PLAS LAM	PLASTIC LAMINATE		
FE	FIRE EXTINGUISHER	PLAS	PLASTER		
FEC	FIRE EXTINGUISHER CABINET	PLUMB	PLUMBING		
FF	FACTORY FINISH	PLYWD	PLYWOOD		
FHC	FIRE HOSE CABINET	PM	PRESSED METAL		
FIN	FINISH	POL	POLISHED		
FIXT	FIXTURE	PR	PAIR		
FL	FLOOR	PT	POINT		
FLUOR	FLUORESCENT	P-T	PRESSURE-TREATED		
FND	FEMININE NAPKIN DISPOSAL	PTD	PAINTED		
FOC	FACE OF CONCRETE	PTDD	PAPER TOWEL DISPENSER & DISPOSAL		
FOF	FACE OF FINISH	PTN	PARTITION		
FOS	FACE OF STUDS				
FP	FIRE PROTECTION	QT	QUARRY TILE		
FRP	FIBERGLASS REINFORCED PANEL	QTY	QUANTITY		
FRT	FIRE RETARDANT				
FT	FEET / FOOT				
FTG	FOOTING				
FURR	FURRING				

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE

FED PIN NO:
PIN NO: 16123.50

SIGNATURE
TERRY P. ROOKARD

ARCH. LIN. NUMBER
3360

DATE
MAY 1, 2009

PROJECT INFORMATION

PROGRAM
PROJECT MANAGER
DESIGNER
CONSULTANT
PROJECT RESIDENT
CONTRACTOR

WPF
TV
ALLIED ENGINEERING
-
-
-

PROJECT COMPLETION DATE

MAINE DEPARTMENT OF TRANSPORTATION
ACADIA GATEWAY FACILITY
BUS MAINTENANCE FACILITY

SYMBOLS, NOTES
& ABBREVIATIONS

SHEET NUMBER
A0.01
OF

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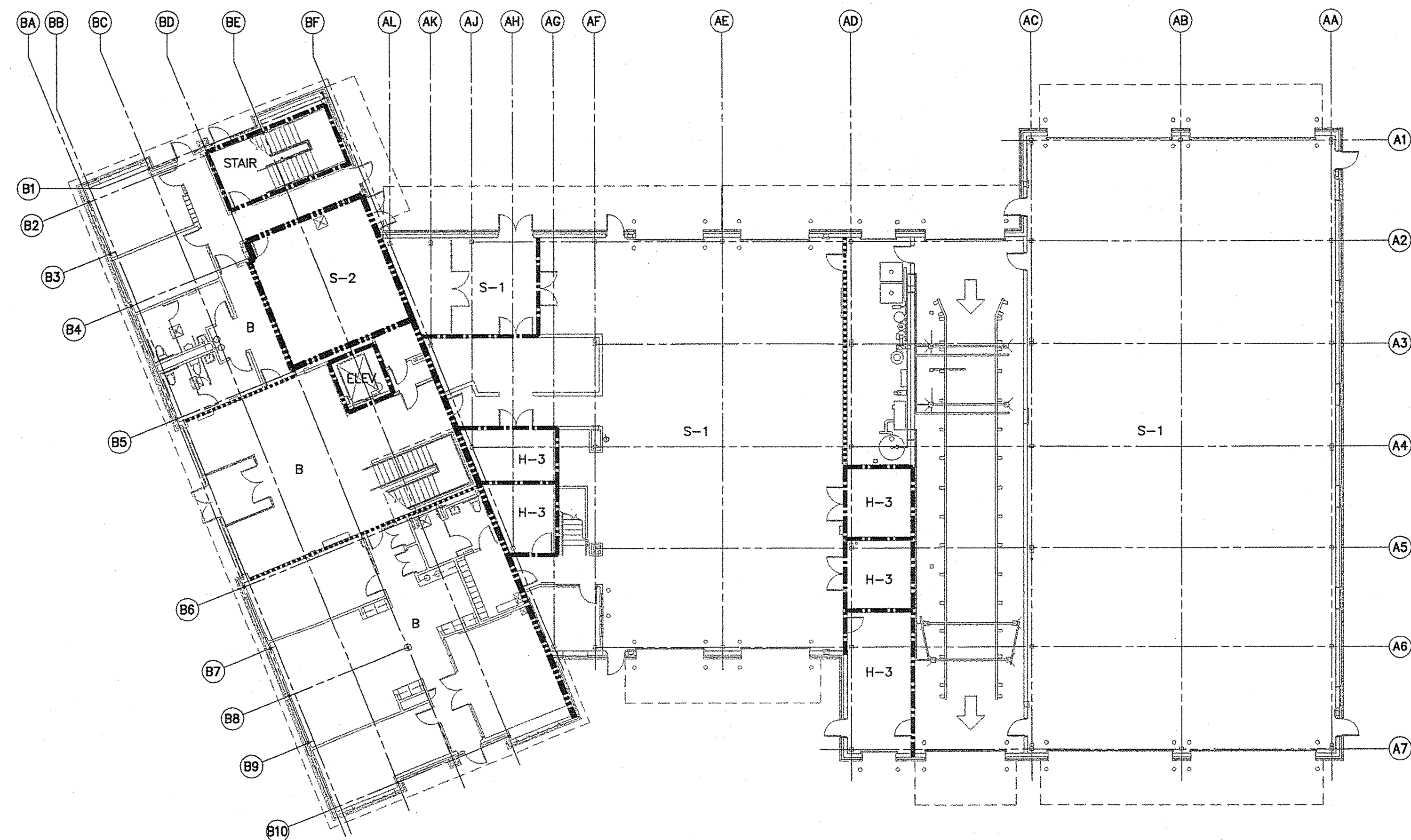
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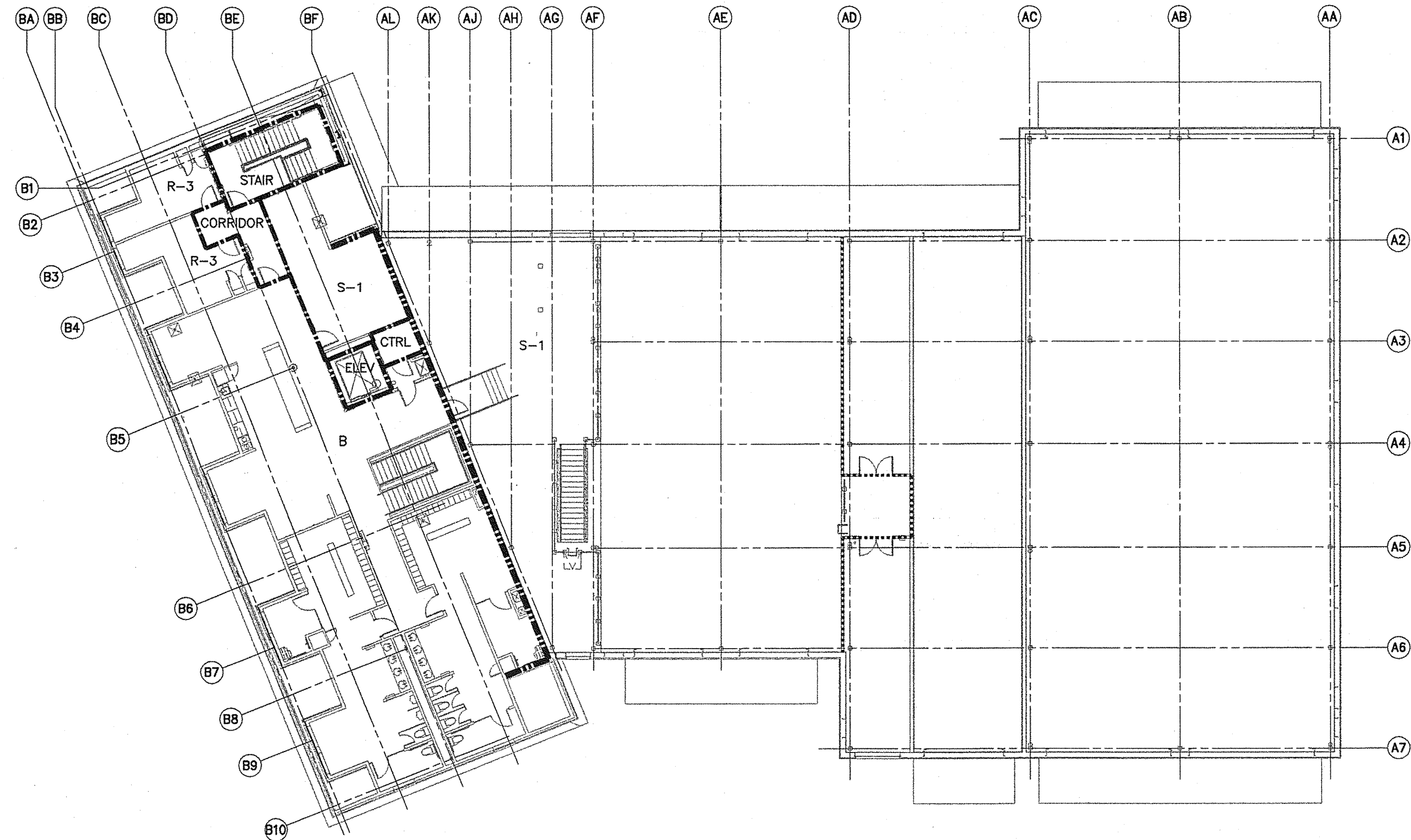
Date: -

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1 FIRST FLOOR FIRE RATING PARTITION PLAN
1/16"=1'-0"



2 SECOND FLOOR FIRE RATING PARTITION PLAN
1/16"=1'-0"

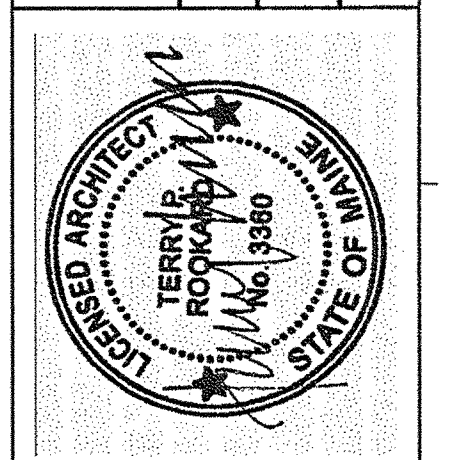
KEY PLAN	
SMOKE PARTITION
1 HOUR PARTITION	----
2 HOUR PARTITION	=====

USE GROUP	
B	BUSINESS
H-3	HAZARDOUS 3
S-1	STORAGE 1
S-2	STORAGE 2
R-3	RESIDENTIAL 3



<p>TRANSPORTATION</p> <p>AECOM</p> <p>AECOM USA, Inc. 66 Long Wharf Boston, MA T 617.723.1700 F 617.723.6856</p> <p>www.aecom.com</p>		<p>Allied Engineering</p> <p>160 Veranda Street Portland, Maine 04103 T: 207.331.2254 F: 207.331.2266 Web: www.allied-eng.com</p> <p>Allied Project No: 07010 Cad File: A0.02.dwg</p>		<p>STATE OF MAINE DEPARTMENT OF TRANSPORTATION</p> <p>ACADIA GATEWAY FACILITY BUS MAINTENANCE FACILITY</p> <p>FIRE RATING PARTITION PLANS</p> <p>SHEET NUMBER A0.02 OF</p>	
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DATE	
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TERRY P. ROOKARD
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