

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



KINGFIELD FRANKLIN COUNTY

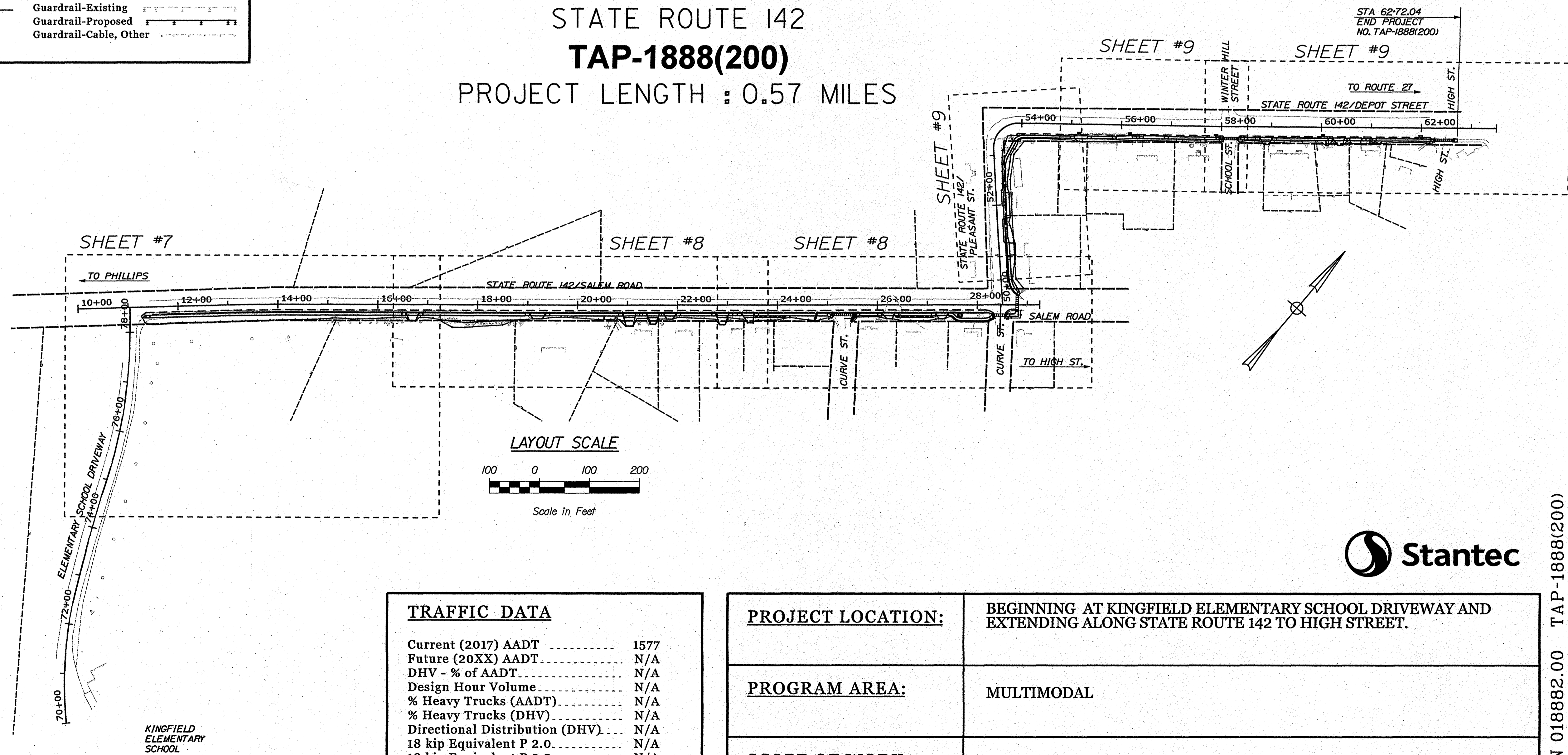
STATE ROUTE 142
TAP-1888(200)
PROJECT LENGTH : 0.57 MILES

PLAN LEGEND

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

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TRAFFIC DATA

Current (2017) AADT	1577
Future (20XX) AADT	N/A
DHV - % of AADT	N/A
Design Hour Volume	N/A
% Heavy Trucks (AADT)	N/A
% Heavy Trucks (DHV)	N/A
Directional Distribution (DHV)	N/A
18 kip Equivalent P 2.0	N/A
18 kip Equivalent P 2.5	N/A
Design Speed (mph)	35 & 25
Functional Class	Major Collector

PROJECT LOCATION:

BEGINNING AT KINGFIELD ELEMENTARY SCHOOL DRIVEWAY AND EXTENDING ALONG STATE ROUTE 142 TO HIGH STREET.

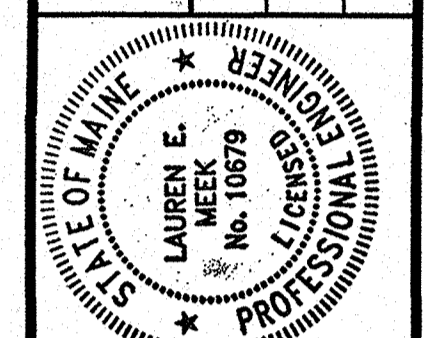
PROGRAM AREA:

MULTIMODAL

SCOPE OF WORK:

SIDEWALK CONSTRUCTION

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>	CHIEF ENGINEER: <i>[Signature]</i>	10-23-19



PROJECT INFORMATION	PROGRAM	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT	CONTRACTOR	PROJECT COMPLETION DATE
MULTIMODAL	D. LORING	STANTEC					
MEETING	SIGNATURE	P.E. NUMBER	DATE				
<i>[Signature]</i>	10679	10/18/19					

KINGFIELD
STATE ROUTE 142
TITLE SHEET

SHEET NUMBER
1
OF 34

WIN 018882.00 TAP-1888(200)



Date: 10/8/2019

Username: ebot

Division: HIGHWAY

Filename: ...\\00\HIGHWAY\MSTA\001_Title.dgn

Date: 10/18/2019

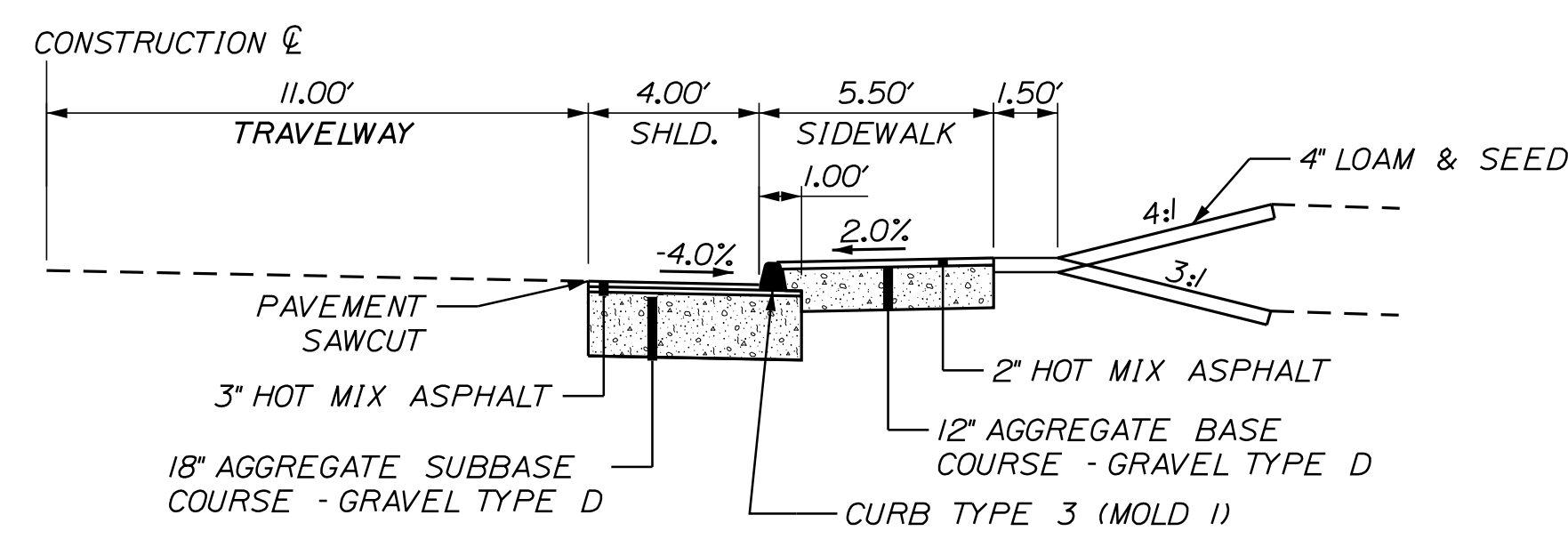
Username: ebolt

Division: HIGHWAY

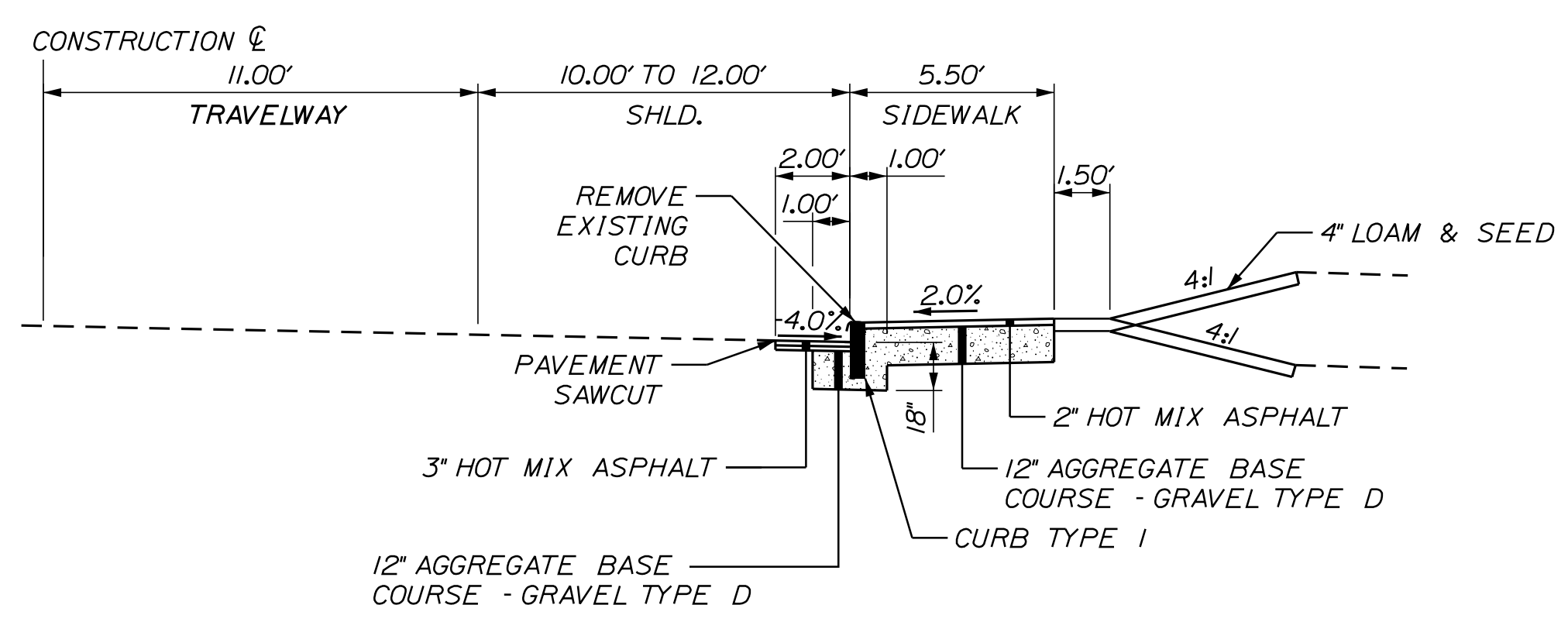
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NOTES:

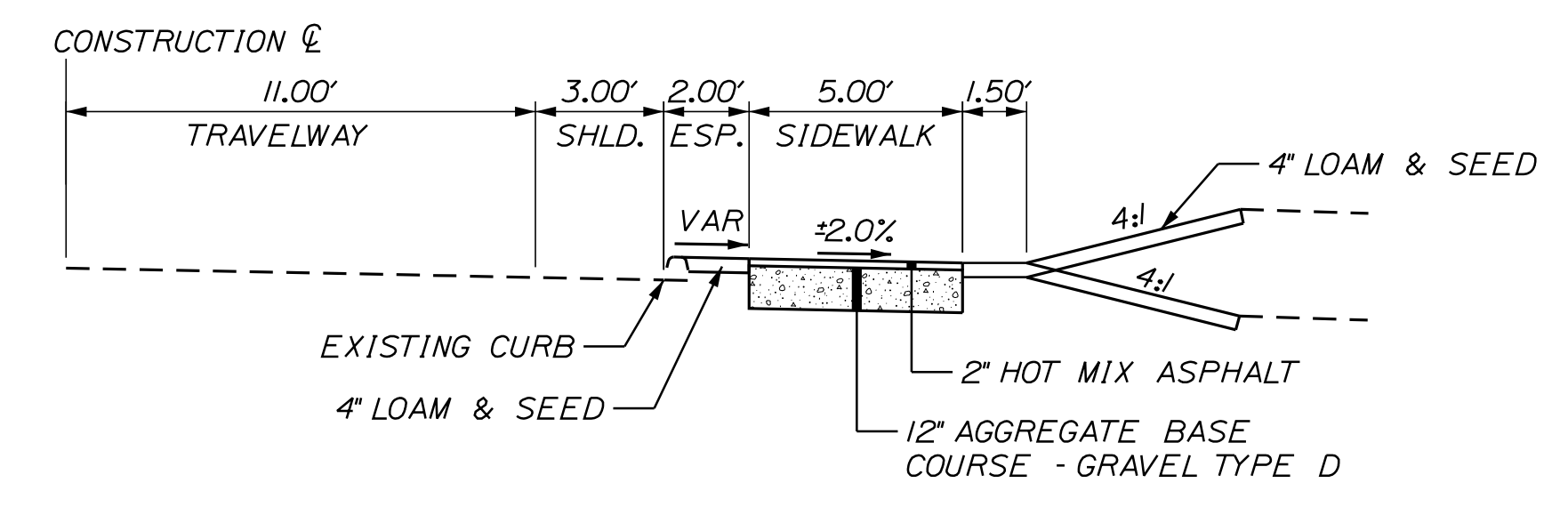
1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
3. SHOULDER SLOPE SHALL BE 4%; HOWEVER, IF TRAVELWAY IS GREATER THAN 4% THEN SHOULDER SLOPE SHALL MATCH EXISTING TRAVELWAY SLOPE.



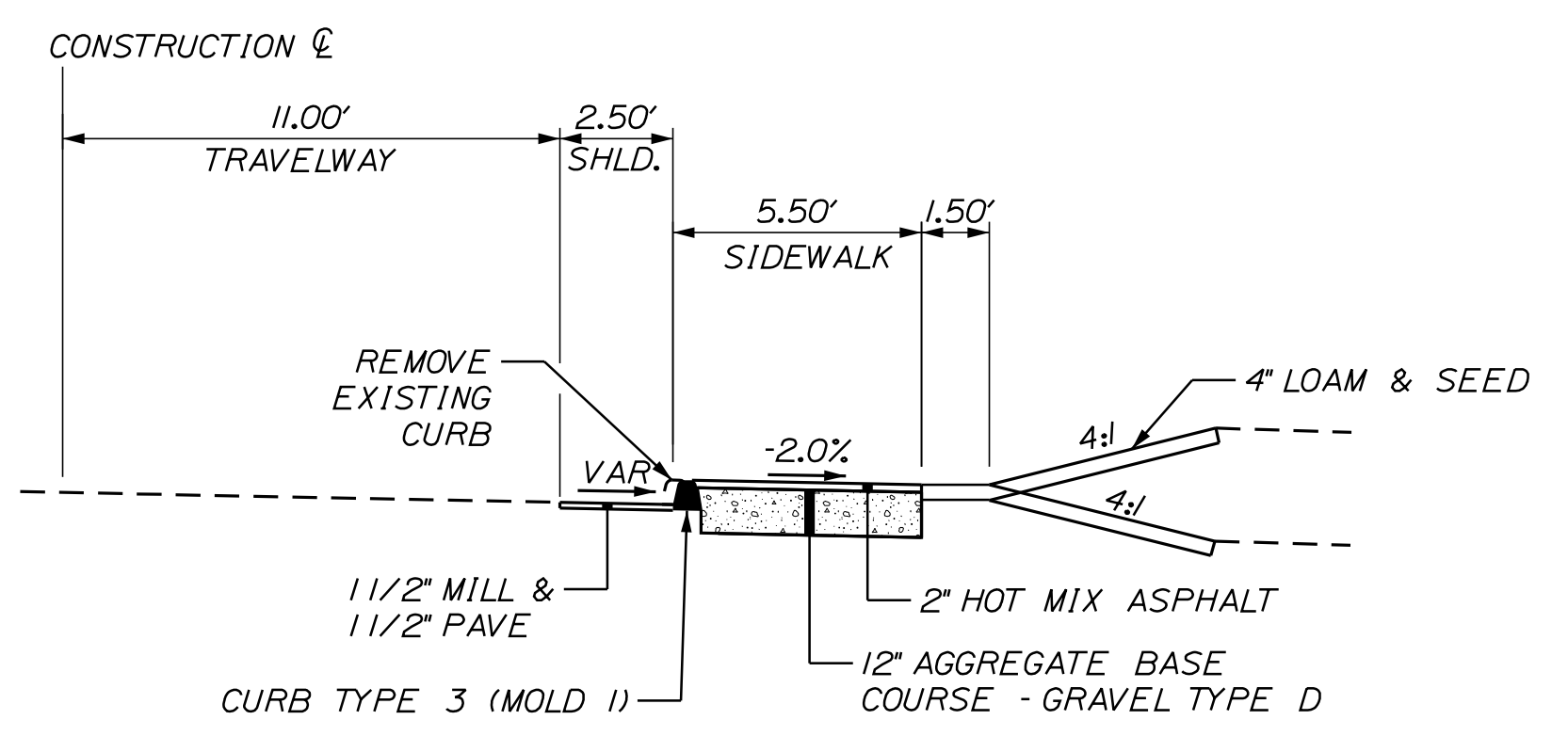
SIDEWALK CONSTRUCTION
SALEM ROAD
STA. 11+35 TO STA. 27+25



SIDEWALK CONSTRUCTION
DEPOT STREET
STA. 54+00 TO STA. 62+00



SIDEWALK CONSTRUCTION
PLEASANT STREET
STA. 50+50 TO STA. 51+24
STA. 52+30 TO STA. 53+50



SIDEWALK CONSTRUCTION
PLEASANT STREET
STA. 51+24 TO STA. 52+30

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-1888(200)
WIN 018882.00
HIGHWAY PLANS

DATE	DATE	DATE	DATE
12/20/18	12/20/18		
BY	BY	BY	BY
PLP	PLP		
LEM	LEM		
PROJ. MANAGER	DANIEL LORING		
DESIGN-DETAILED	TFD		
CHECKED-REVIEWED	LEM		
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	SIGNATURE
P.E. NUMBER	P.E. NUMBER
DATE	DATE

KINGFIELD
STATE ROUTE 142
TYPICAL SECTIONS

SHEET NUMBER
2
OF 34

NOT TO SCALE

EARTHWORK SUMMARY

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.23	REMOVING SINGLE TREE TOP ONLY	2	EA
201.24	REMOVING STUMP	4	EA
202.202	REMOVING PAVEMENT SURFACE	11	SY
202.203	PAVEMENT BUTT JOINTS	10	SY
203.20	COMMON EXCAVATION	1750	CY
304.10	AGG. SUBBASE COURSE (TYPE D)	1325	CY
403.209	HOT MIX ASPHALT 9.5MM (INCIDENTALS)	250	T
403.210	HOT MIX ASPHALT 9.5MM	110	T
403.213	HOT MIX ASPHALT 12.5MM (BASE COURSE)	120	T
409.15	BITUMINOUS TACK COAT - APPLIED	82	GAL
603.159	12 INCH CULVERT PIPE OPTION III	30	LF
604.092	CATCH BASIN TYPE B-C	4	EA
604.18	ADJUST MANHOLE OR CB TO GRADE	6	EA
604.245	CATCH BASIN TYPE F4-C	2	EA
604.262	CATCH BASIN TYPE B5-C	3,375	EA
605.09	6" UNDERDRAIN TYPE C	445	LF
605.11	12" UNDERDRAIN TYPE C	1200	LF
606.47	SINGLE WOOD POST	5	EA
607.22	CEDAR RAIL FENCE	130	LF
608.26	CURB RAMP DETECTABLE WARNING FIELD	106	SF
609.11	VERT CURB TYPE 1	542	LF
609.234	TERMINAL CURB TYPE 1 - 4 FOOT	2	EA
609.238	TERMINAL CURB TYPE 1 - 8 FOOT	21	EA
609.31	CURB TYPE 3	1400	LF
615.07	LOAM	210	CY
618.13	SEEDING METHOD 1	17	UN
619.12	MULCH	17	UN
619.14	EROSION CONTROL MIX	10	CY
621.285	LARGE DECIDUOUS TREE GROUP A 3" - 3 1/2" CAL. B&B	1	EA
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING	1530	LF
627.75	WHITE OR YELLOW PAVEMENT AND CURB MARKING	900	SF
629.05	HAND LABOR, STRAIGHT TIME	10	HR
631.111	TRACTOR MOUNTED HYDRAULIC HAMMER	15	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	20	HR
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)	10	HR
631.32	CULVERT CLEANER (INCLUDING OPERATOR)	10	HR
645.106	DEMOUNT REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	10	EA
645.108	DEMOUNT POLE	7	EA
645.116	REINSTALL REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	10	EA
645.118	REINSTALL POLE	7	EA
645.271	REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	8	SF
652.33	DRUM	50	EA
652.34	CONE	100	EA
652.35	CONSTRUCTION SIGNS	420	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	90	CD
652.38	FLAGGERS	1250	HR
656.75	TEMP. SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS
673.10	WET CAST SMALL LANDSCAPE BLOCK WALL	620	SF

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION (FROM CROSS SECTIONS)	1,714
GRUBBING IN FILL	44
MUCK EXCAVATION (FROM CROSS SECTIONS)	0
PAVEMENT SALVAGE IN FILL	0
TOTAL COMMON EXCAVATION	1,758

ITEM 203.20 - COMMON EXCAVATION

1,800

FILL FOR BORROW CALCULATIONS

COMMON FILL (FROM CROSS SECTIONS)	305
GRUBBING IN FILL	44
TOTAL FILL	349

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS

(1) TOTAL COMMON EXCAVATION	1,758
DEDUCTIONS:	
GRUBBING IN CUT	0
GRUBBING IN FILL	44
PAVEMENT REMOVAL	160

(2) TOTAL DEDUCTIONS

208

TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)

1,550

TOTAL AVAILABLE NON-ROCK EXCAVATION

1,550

COMPUTATION FOR COMMON BORROW FOR ESTIMATE

(3) TOTAL FILL	310
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TOTAL AVAILABLE NON-ROCK EXCAVATION	1,551
(4) TOTAL AVAILABLE EXCAVATION	1,551 x 0.90 = 1,396

(4) - (3) SURPLUS MATERIAL = 1,086

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-1888(200)
WIN
018882.00
HIGHWAY PLANS

PROJ. MANAGER	DANIEL LORING	DATE	10/20/18
DESIGN-DETAILED	LEW	DATE	10/20/18
CHECKED-REVIEWED	LEW	SIGNATURE	
DESIGN-DETAILED		P.E. NUMBER	
REVISIONS 1		DATE	
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

KINGFIELD
STATE ROUTE 142
ESTIMATED QUANTITIES
& EARTHWORK SUMMARY

SHEET NUMBER
3
OF 34

GENERAL NOTES:

- 1. PAVEMENT CUT LINES SHALL BE NEAT, CLEAN, AND STRAIGHT AS DIRECTED BY THE RESIDENT. PAYMENT FOR CUTTING EXISTING PAVEMENT IS INCIDENTAL TO THE CONTRACT.
- 2. GRUBBING IN FILL AREAS HAVE 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.
- 3. ALL INSLOPE AND DITCHES IN CUT AREAS SHALL BE GRADED AS SHOWN ON THE TYPICALS OR FLATTER, OR AS DIRECTED BY THE RESIDENT.
- 4. THE CONTRACTOR SHALL PLAN AND CONDUCT THEIR WORK ACCORDINGLY SO THAT UPON COMPLETION OF THE PROJECT THERE IS NO DROP-OFF FROM THE EDGE OF SHOULDER PAVEMENT.
- 5. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES UNLESS OTHERWISE NOTED ON THE PLANS.
- 6. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OFF THE PROJECT IN ACCEPTABLE WASTE AREAS REVIEWED BY THE RESIDENT. GRADING, SEEDING AND MULCHING OF WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.
- 7. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 2 INCHES HOT MIX ASPHALT AND 12 INCHES AGGREGATE SUBBASE COURSE - GRAVEL.
- 8. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 3 INCHES HOT MIX ASPHALT AND 11 INCHES AGGREGATE SUBBASE COURSE - GRAVEL.
- 9. GRAVEL ENTRANCES SHALL BE CONSTRUCTED WITH 14 INCHES AGGREGATE SUBBASE COURSE - GRAVEL OR 11 INCHES AGGREGATE SUBBASE COURSE - GRAVEL AND 3 INCHES UNTREATED AGGREGATE SURFACE COURSE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
- 10. A 3 FOOT PAVED LIP SHALL BE PLACED AT ALL UNPAVED ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
- 11. ALL PAVED WALKS TO BE CONSTRUCTED WITH 12 INCHES AGGREGATE SUBBASE COURSE - GRAVEL AND 2 INCHES HOT MIX ASPHALT UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
- 12. PRIOR TO SURFACE PAVING, EXISTING CULVERTS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER ITEM 631.32 CULVERT CLEANER (INCLUDING OPERATOR).
- 13. EXISTING CULVERTS AND CATCH BASINS WILL BE CLEANED AS DIRECTED BY THE RESIDENT UNDER THE APPROPRIATE PAY ITEMS.
- 14. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
- 15. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
- 16. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTHLINED PIPES. FOR COMPARABLE CORRUGATED SIZES SEE THE DRAINAGE TABULATION.
- 17. FLAT TOPS FOR CATCH BASINS ARE NOT ALLOWED UNLESS NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
- 18. PLASTIC END CAPS SHALL BE USED ON ALL DEAD-END 6 INCH TYPE B UNDERDRAIN AND SHALL BE CONSIDERED INCIDENTAL.
- 19. 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.
- 20. 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.
- 21. AS DIRECTED BY THE RESIDENT, ALL EXISTING UNDERDRAIN OUTLETS SHALL BE LOCATED, CLEANED OUT AND DITCHED AS REQUIRED OR REPLACED AS NECESSARY. PAYMENT WILL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.
- 22. A 3 FOOT X 3 FOOT SQUARE RIPRAP PAD SHALL BE CONSTRUCTED AT UNDERDRAIN OUTLETS.
- 23. EXISTING ABANDONED WATER MAINS BROKEN BY THE CONTRACTOR DURING CONSTRUCTION SHALL HAVE THE ENDS PLUGGED WITH BRICK AND MORTAR. COST FOR ALL LABOR AND MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO DIRECT PAYMENT WILL BE MADE.
- 24. BACKING UP BITUMINOUS OR CONCRETE SLIPFORM CURB IS INCIDENTAL TO THE CURB ITEMS. IN AREAS WHERE NEW BITUMINOUS OR CONCRETE SLIPFORM CURB IS DESIGNATED TO REPLACE EXISTING, THE REMOVAL OF THE OLD BITUMINOUS OR CONCRETE SLIPFORM CURB SHALL BE INCIDENTAL TO THE NEW CURB. IF CALLED FOR ON THE PLANS OR DIRECTED BY THE RESIDENT, LOAM OR DIRTY BORROW WILL BE PAID FOR SEPARATELY.
- 25. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING (OR MILLING) SHALL BE INCIDENTAL TO THE RELATED PAVING (OR MILLING) ITEMS. THIS INCLUDES KILLING AND REMOVAL OF ALL VEGETATIVE MATTER.

- 26. LOAM HAS BEEN ESTIMATED FOR DISTURBED LAWN AREAS. ACTUAL PLACEMENT OF THE LOAM SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.
- 27. UNLESS OTHERWISE NOTED SEEDING METHOD NO.1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS; SEEDING METHOD NO.2 SHALL BE UTILIZED ON ALL OTHER AREAS.
- 28. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES IN LAWN AREAS AND 2 INCHES IN ALL OTHER AREAS UNLESS OTHERWISE NOTED OR DIRECTED.
- 29. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. PAYMENT FOR THIS WORK WILL BE MADE UNDER THE APPROPRIATE RENTAL ITEMS.
- 30. 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.
- 31. 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.
- 32. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT AND LAYOUT OF WORK BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
- 33. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.
- 34. STATIONS REFERENCED ARE APPROXIMATE.
- 35. FINAL STRIPING FOR THE PROJECT SHALL BE DONE BY THE CONTRACTOR PER THE STRIPING LAYOUT IN THE CONTRACT DOCUMENTS OR AS PROVIDED BY THE DEPARTMENT. PAYMENT SHALL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.
- 36. EXCLUDING WATER AND GAS GATE VALVES, ALL HMA FOR PATCHING AROUND ADJUSTED, ALTERED, OR REBUILT UTILITY STRUCTURES SHALL MEET THE GRADATION REQUIREMENTS OF A 9.5 MM OR 12.5 MM MIXTURE. THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT FOR THE PATCH AT LEAST TWO FEET AWAY FROM THE NEAREST EDGE OF THE STRUCTURE. THE CONTRACTOR SHALL PLACE HMA IN LIFTS OF 3 INCHES OR LESS, AS DIRECTED BY THE RESIDENT, AND COMPACT THE HMA USING A MINIMUM OF A 150 POUND PLATE COMPACTOR. HMA FOR PATCHING AROUND ADJUSTED, ALTERED, OR REBUILT UTILITY STRUCTURES IS CONSIDERED INCIDENTAL TO THE RESPECTIVE PAY ITEM FOR ADJUST, ALTER, OR REBUILD UTILITY STRUCTURE.
- 37. CONSTRUCT BUTT JOINTS AT ALL PAVED DRIVES AND ENTRANCES. BUTT JOINTS SHALL HAVE A MINIMUM WIDTH OF 18 INCHES OR AS DIRECTED BY THE RESIDENT.
- 38. A TEMPORARY RAMP SHALL BE CONSTRUCTED WITH HMA AT THE ENDS OF THE ROADWAY SECTION PAVED OR MILLED EACH DAY. TEMPORARY RAMPS SHALL BE CONSTRUCTED AT A LENGTH OF FOUR FEET PER INCH OF TRANSITION DEPTH. MATERIALS, PLACEMENT, MAINTENANCE, AND REMOVAL SHALL BE INCIDENTAL TO CONTRACT ITEMS.
- 39. ALL CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AS INDICATED ON THE PLANS AND APPROVED BY THE RESIDENT.
- 40. DO NOT EXCAVATE FOR AGGREGATE SUBBASE COURSE WHERE EXISTING MATERIAL IS SUITABLE AS DETERMINED BY THE RESIDENT.
- 41. ALL WORK SHALL CONFORM TO THE MAINE DOT STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND STANDARD DETAILS AND THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) DATED 2009.
- 42. WHERE PERSONAL PROPERTY ELEMENTS SUCH AS ROCKS AND BUSINESS SIGNS ARE TO BE AFFECTED, THIS WORK SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20.
- 43. ALL PROPERTY PINS MUST BE MAINTAINED.
- 44. IF A MAILBOX POST IS TO BE INSTALLED ADJACENT TO A SIDEWALK WITH NO ESPLANADE, THE SIDEWALK SHALL HAVE A BUMPED-OUT CONFIGURATION AROUND THE MAILBOX POST SO THAT A MINIMUM WIDTH OF 4 FEET EXISTS. THE MAILBOX POST SHALL NOT BE INSTALLED IN SIDEWALK PAVEMENT. IN NO CASE SHALL THE SIDEWALK EXTEND OUTSIDE OF THE RIGHT-OF-WAY. COORDINATE WITH THE RESIDENT FOR PLACEMENT OF MAILBOXES.

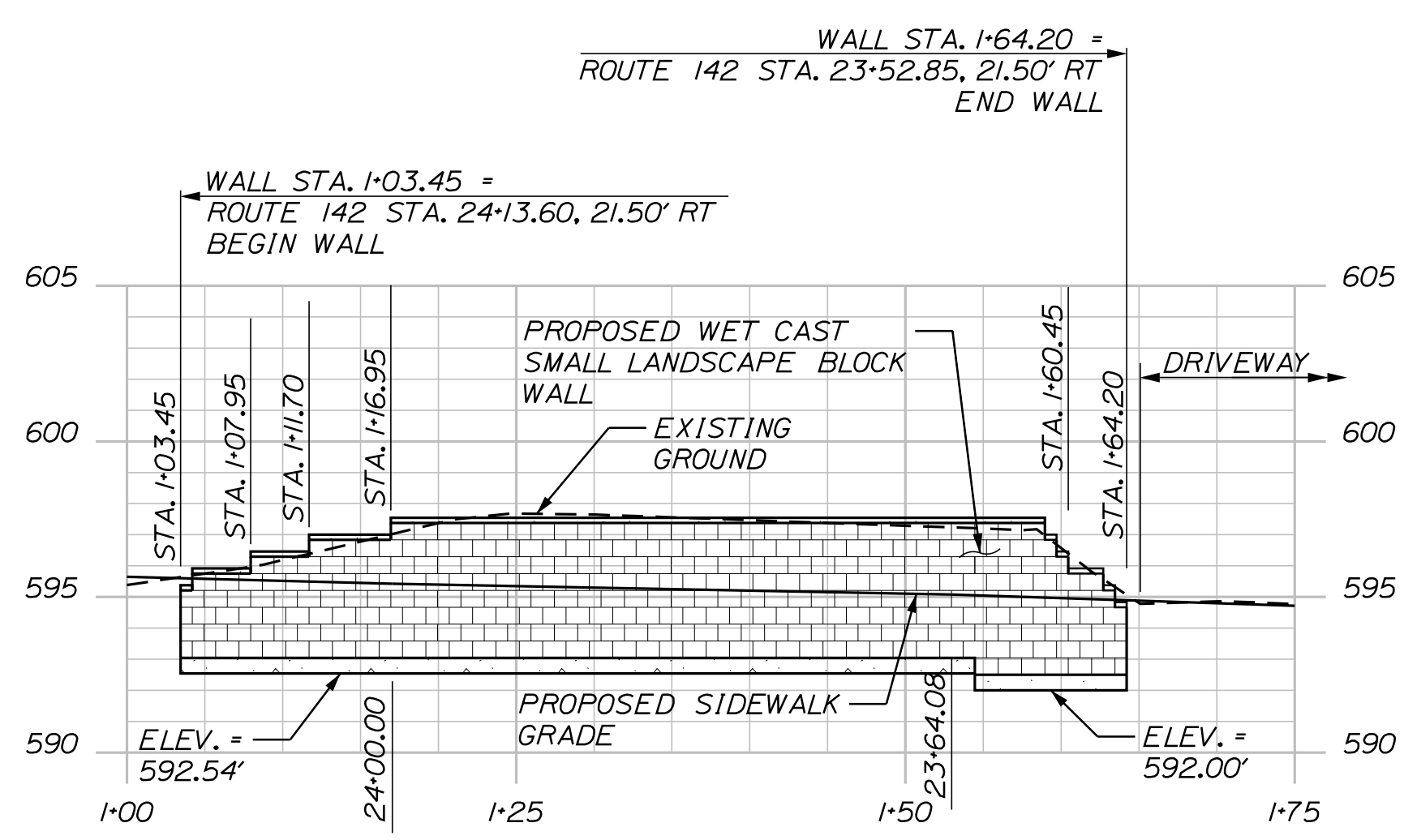
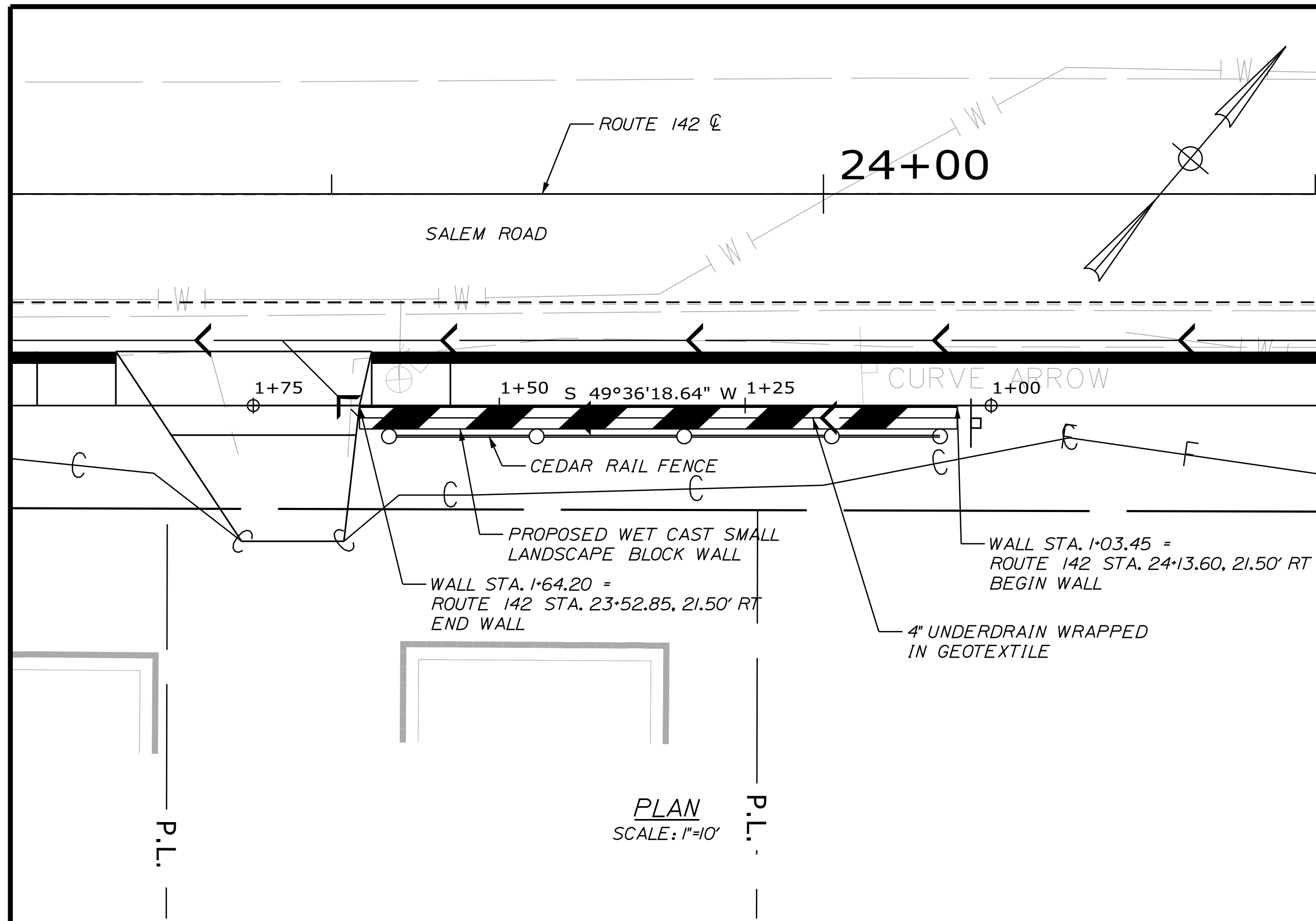
<p>STATE OF MAINE DEPARTMENT OF TRANSPORTATION</p> <p>TAP-1888(200)</p> <p>WIN 018882.00</p> <p>HIGHWAY PLANS</p>	<p>KINGFIELD STATE ROUTE 142</p> <p>GENERAL NOTES</p>
<p>SHEET NUMBER</p> <p style="font-size: 2em;">4</p> <p>OF 34</p>	

Date: 10/19/2019

Username: ebolt

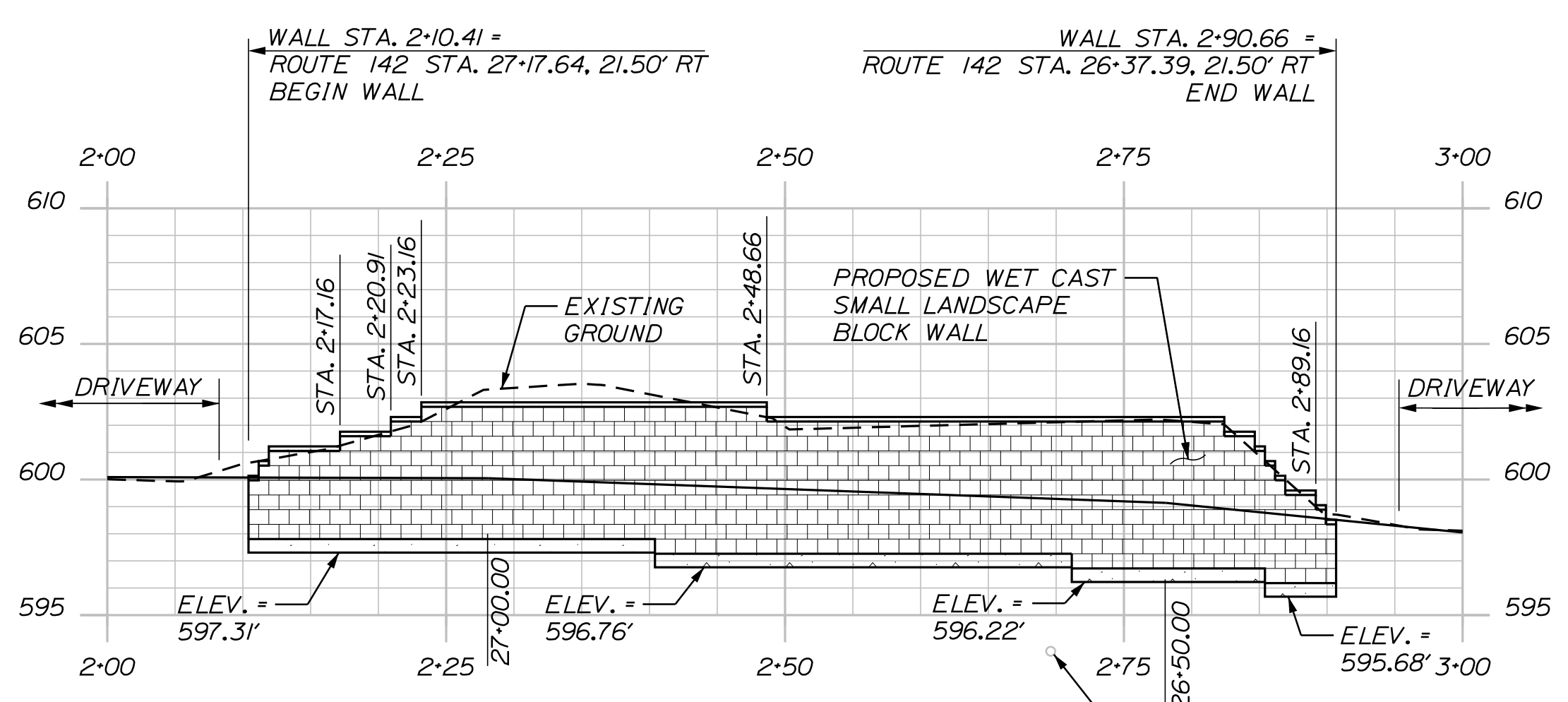
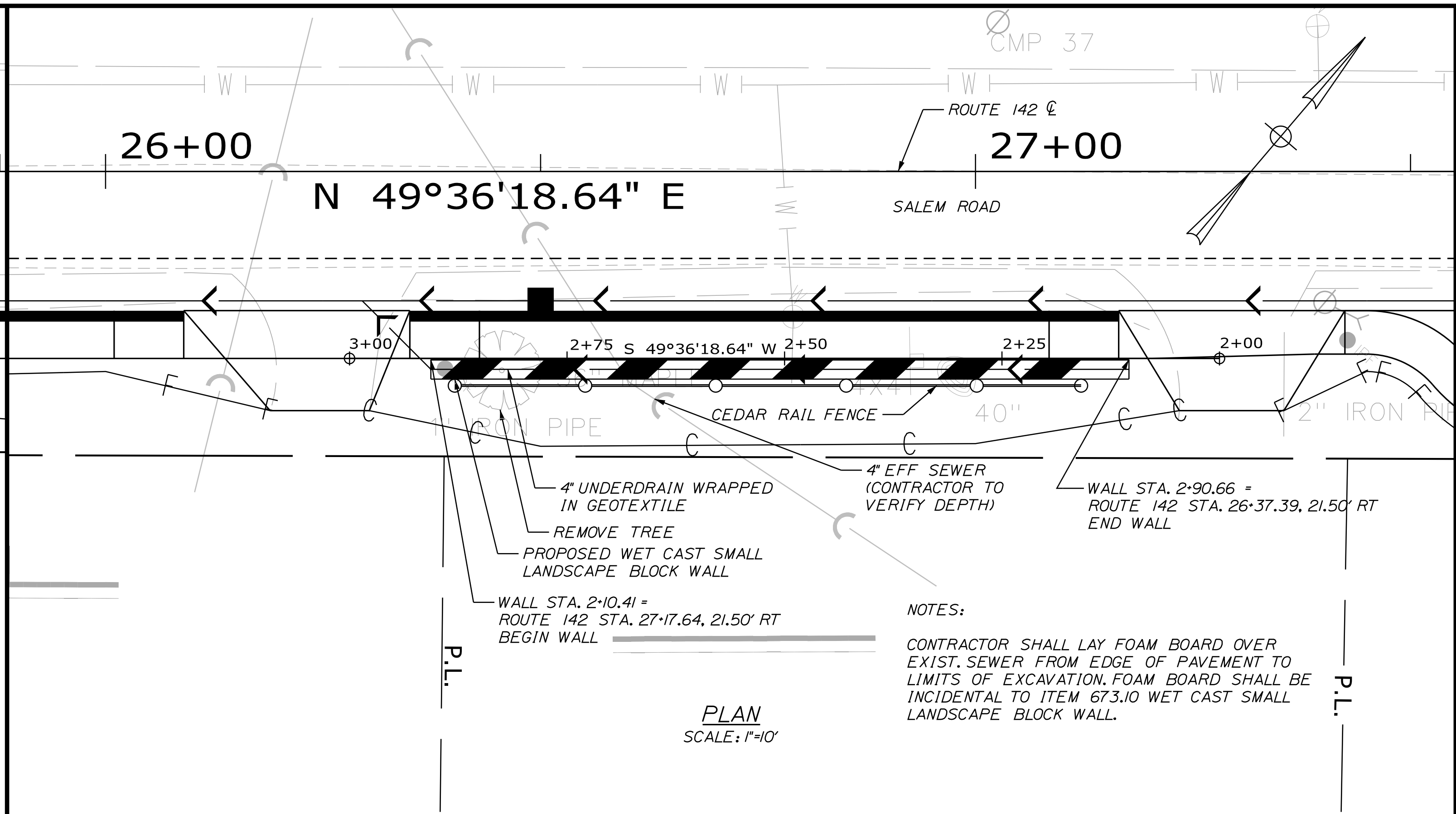
Division: HIGHWAY

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ELEVATION SCALE: 1"=10' HORIZ. 1"=5' VERT.

RETAINING WALL #1



ELEVATION SCALE: 1"=10' HORIZ. 1"=5' VERT.

RETAINING WALL #2

NOTES:
 CONTRACTOR SHALL LAY FOAM BOARD OVER EXIST. SEWER FROM EDGE OF PAVEMENT TO LIMITS OF EXCAVATION. FOAM BOARD SHALL BE INCIDENTAL TO ITEM 673.10 WET CAST SMALL LANDSCAPE BLOCK WALL.

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 TAP-1888(200)
 WIN 018882.00
 HIGHWAY PLANS

DATE	BY	DESIGNED	CHECKED	DESIGNED	REVISIONS	FIELD CHANGES
5/3/19	PLP	LEM	LEM	LEM	1	
12/3/18	LEM				2	
					3	
					4	

PROJ. MANAGER	DANIEL LORING
DESIGNED	LEM
CHECKED	LEM
DESIGNED	LEM
REVISIONS	1
REVISIONS	2
REVISIONS	3
REVISIONS	4
FIELD CHANGES	

KINGFIELD
 STATE ROUTE 142
 SPECIAL DETAILS
 RETAINING WALLS

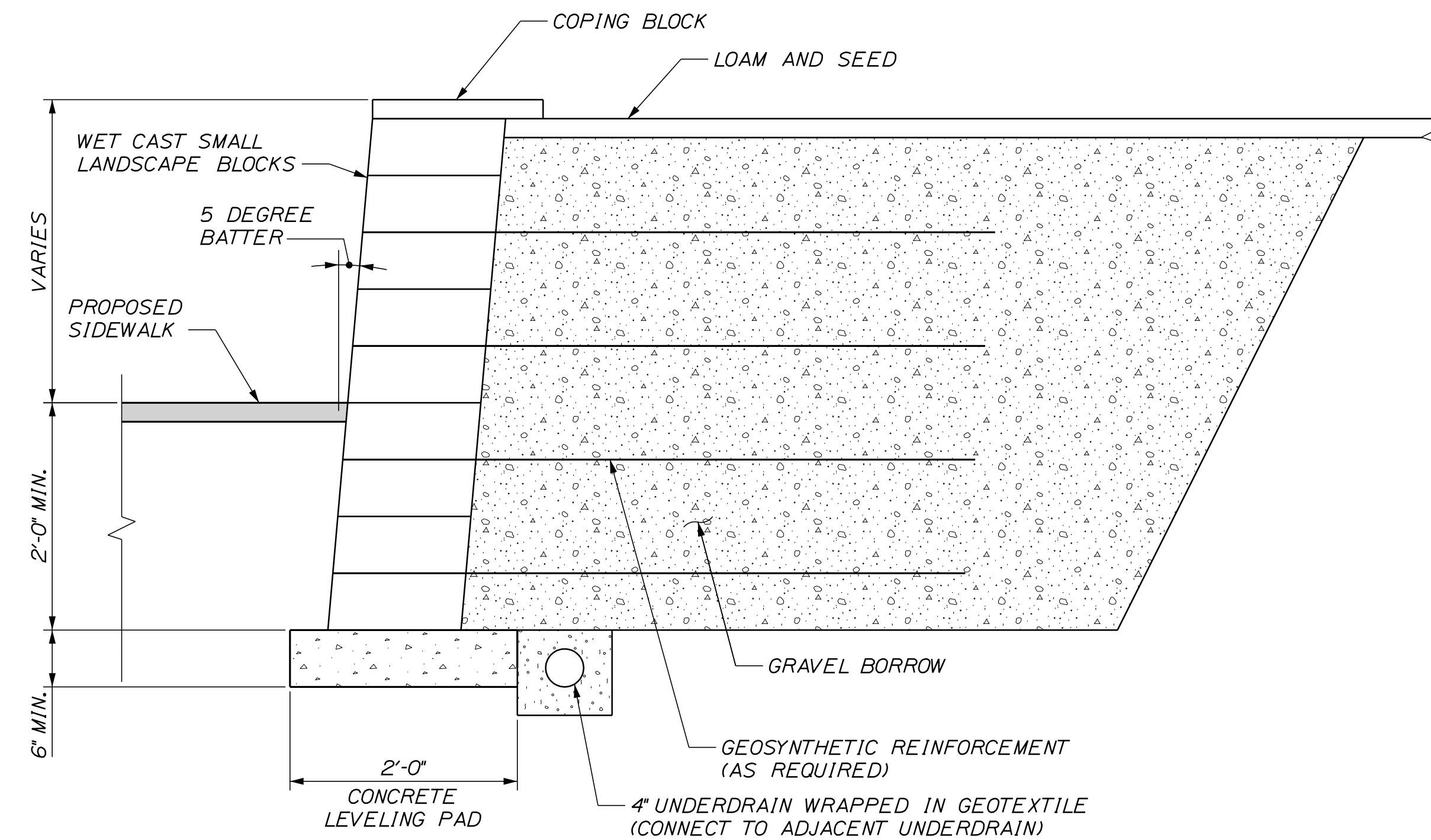
SHEET NUMBER

5

OF 34

RETAINING WALL NOTES

1. THE CONTRACTOR SHALL PROVIDE A WET CAST SMALL LANDSCAPE BLOCK WALL IN ACCORDANCE WITH STANDARD SPECIFICATION 673. THE WALL DESIGN SHALL MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATION AND SHALL BE STAMPED BY A LICENSED PROFESSIONAL ENGINEER. THE DESIGN COMPUTATIONS AND SHOP DRAWINGS SHALL BE SUBMITTED TO THE RESIDENT FOR REVIEW. PLAN DETAILS ARE SHOWN FOR ESTIMATING PURPOSES ONLY.
2. BACKFILL AND FOUNDATION SOIL PARAMETERS FOR USE IN THE SUBMITTED DESIGN SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATION 673.
3. THE APPLIED FACTORED BEARING PRESSURE FOR THE PROPOSED WALL SHALL NOT EXCEED 3.0 KSF AT THE STRENGTH LIMIT STATE.
4. ALL BLOCKS AT THE ENDS OF THE WALL(S) MUST BE FINISHED ON THREE SIDES; THE FRONT, THE TOP AND THE EXPOSED END. BLOCKS WITH EXPOSED SURFACES AT THE ENDS AND TOP OF THE WALL MUST BE MANUFACTURED FOR THIS PURPOSE AND MUST BE FINISHED TO MATCH THE FACE OF THE BLOCKS.
5. PIPED DRAINAGE SHALL BE INCLUDED IN THE DESIGN OF THE WALLS. WALL DRAINAGE WILL BE INCIDENTAL TO CONSTRUCTION OF THE WALL.
6. A MINIMUM EMBEDMENT DEPTH OF 2 FEET IS REQUIRED IN THE DESIGN AND CONSTRUCTION OF THE WET CAST SMALL LANDSCAPE BLOCK WALL AND DOES NOT INCLUDE THE DEPTH OF THE CONCRETE LEVELING PAD.
7. THE FACE QUANTITY OF THE PROPOSED WALL WILL BE APPROVED BY THE PROJECT ENGINEER.
8. LAYOUT AND WALL STEPS SHOW ARE BASED ON THE BLOCK SIZE OF 1'-6" LONG AND 6 1/2" HIGH.
9. UNDERDRAIN CULVERT WILL TIE INTO ROADWAY UNDERDRAIN.
10. A CEDAR RAIL FENCE SHALL BE INSTALLED ALONG THE TOP OF THE WALL. FENCE SHALL MEET ALL LOCAL, STATE, AND NATIONAL SAFETY CODES AND REQUIREMENTS. POSTS SHALL BE LOCATED IN PIPE SLEEVES. POSTS AND SLEEVES SHALL NOT BE DRIVEN THROUGH REINFORCING.
11. THE MINIMUM LIMIT OF EXCAVATION AND GRANULAR BORROW BACKFILL SHALL BE 1'-0" BEHIND THE REAR FACE OF THE WALL BLOCKS OR GEOSYNTHETIC REINFORCEMENT AS APPLICABLE. EXCAVATION AND GRANULAR BORROW BACKFILL IS INCIDENTAL TO THE CONSTRUCTION OF THE WALL.
12. END AND STANDARD COPING NOT SHOWN ON PLAN AND ELEVATION VIEWS.
13. PLAN VIEW WALL BATTER NOT SHOWN.
14. ACTUAL WALL ALIGNMENT AND LIMITS TO BE DETERMINED IN THE FIELD. ACTUAL RETAINING WALL ALIGNMENT IS FROM OUTSIDE FACE OF BOTTOM COARSE ONLY. SUBSEQUENT COARSES CHANGE DUE TO BATTER.
15. PLAN AND ELEVATION BLOCK COARSES SHOWN FOR VISUAL AFFECT ONLY. COARSE PLACEMENT MAY VARY.



TYPICAL RETAINING WALL SECTION
NOT TO SCALE

Date: 10/9/2019

Username: ebolt

Division: HIGHWAY

Filename: ... \MSTA\006_RetWall_02.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

TAP-1888(200)

WIN

018882.00

HIGHWAY PLANS

PROJ. MANAGER	DANIEL LORING	BY	DATE
DESIGN-DETAILED	PIP	LEM	5/3/18
CHECKED-REVIEWED	PIP	LEM	5/3/18
DESIGN-DETAILED	PIP	LEM	5/3/18
DESIGN-DETAILED	PIP	LEM	5/3/18
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

KINGFIELD
STATE ROUTE 142
SPECIAL DETAILS
RETAINING WALLS

SHEET NUMBER

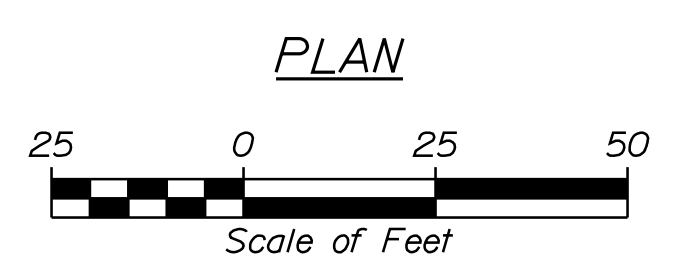
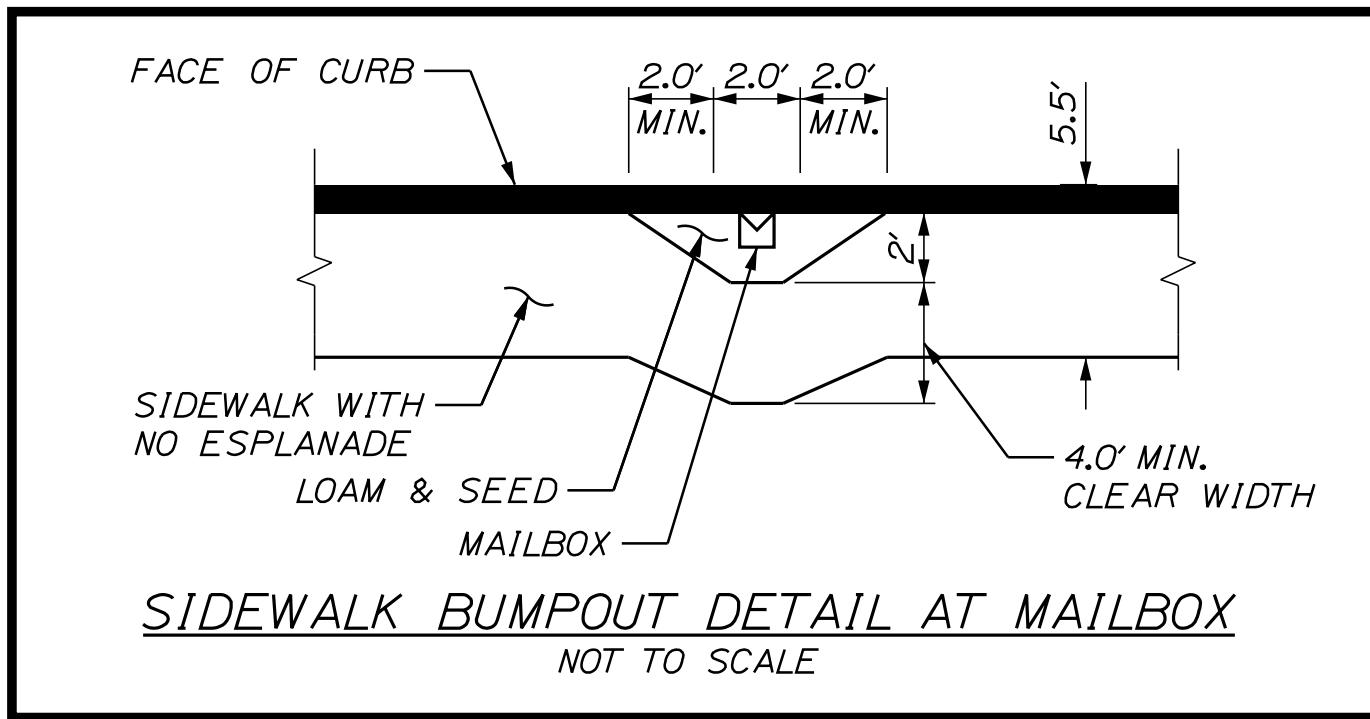
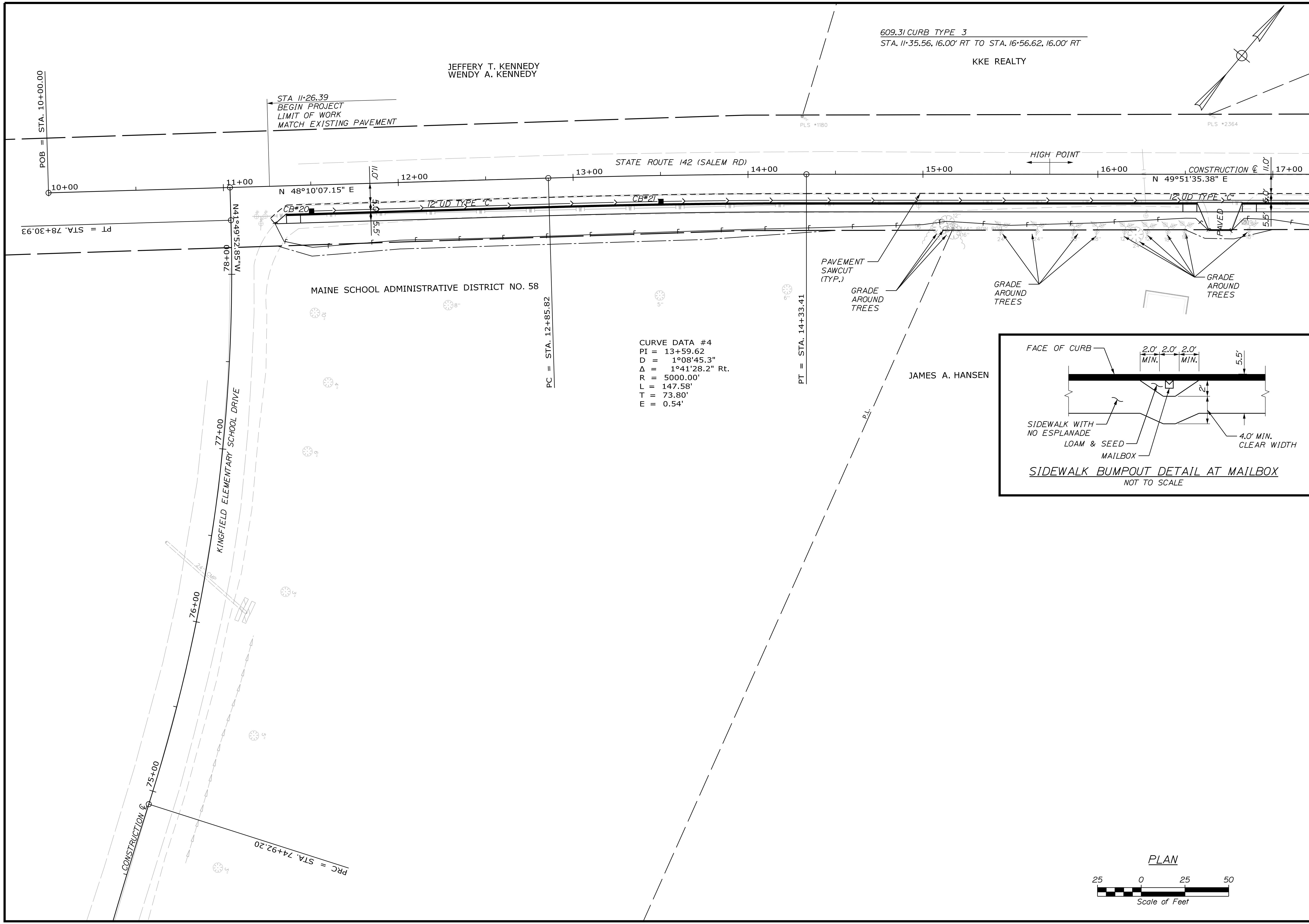
6

OF 34

Date: 10/18/2019

Username: ebolt

Filename: ... \HIGHWAY\MSTA007_HDPlan_01.dgn Division: HIGHWAY

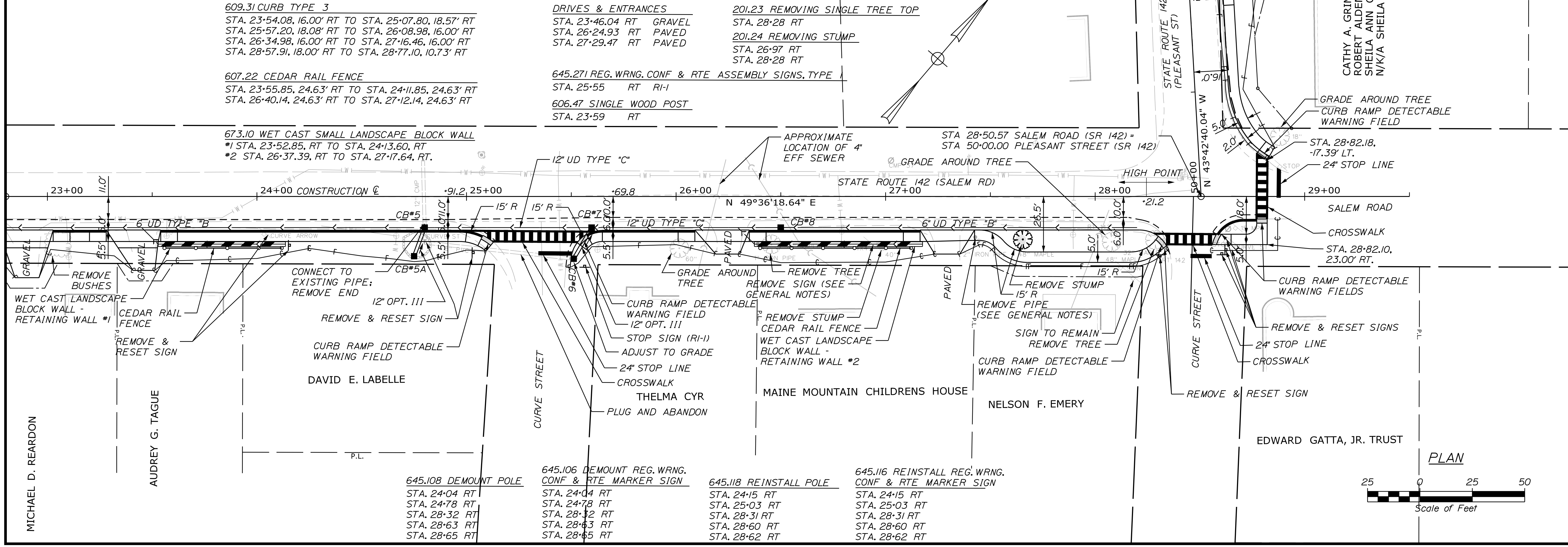
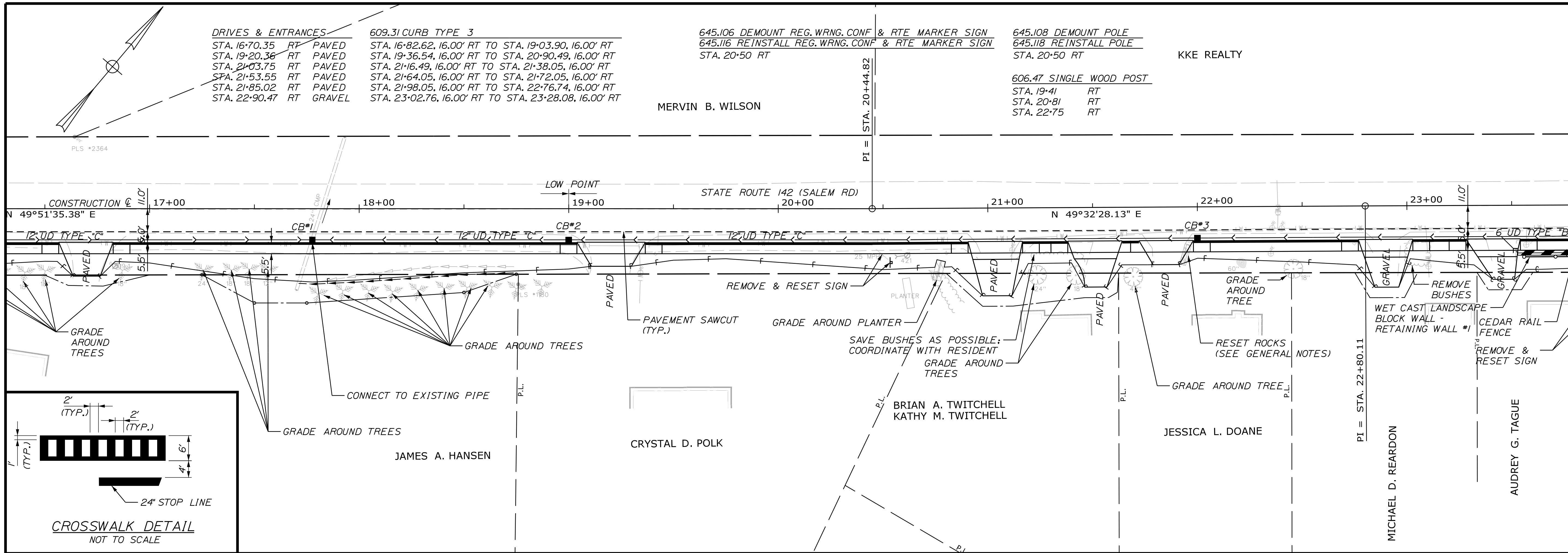


STATE OF MAINE DEPARTMENT OF TRANSPORTATION TAP-1888(200)		WIN 018882.00	HIGHWAY PLANS
KINGFIELD STATE ROUTE 142		PLANS	
SHEET NUMBER		7	
OF 34			
PROJ. MANAGER	DANIEL LORING	BY	DATE
DESIGN DETAILED	TFD	PLP	10/20/18
CHECKED-REVIEWED	LEM	LEM	10/20/18
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES		SIGNATURE	
		P.E. NUMBER	
		DATE	

Date: 10/19/2019

Username: ebolt

Filename: ... \HIGHWAY\MSTA\008_HDPlan_02.dgn Division: HIGHWAY



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-1888(200)
WIN
018882.00
HIGHWAY PLANS

PROJ. MGR.	DATE	BY	DATE	REVISION
DANIEL LORING	10/20/18	PLP	10/20/18	SIGNATURE
		LEM		P.E. NUMBER
				DATE

DESIGN	DATE	BY	DATE	REVISION
Detailed	10/20/18	PLP	10/20/18	1
Reviewed		LEM		2
Checked				3
Field				4

KINGFIELD
STATE ROUTE 142
PLANS

SHEET NUMBER
8
OF 34

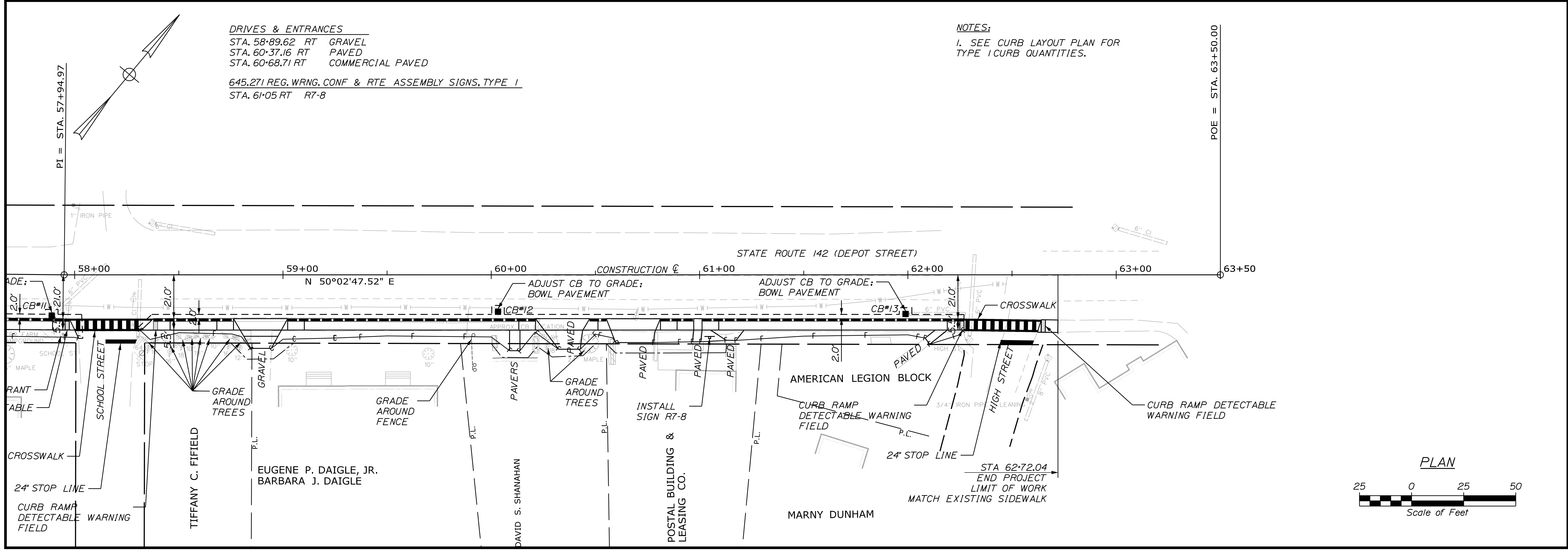
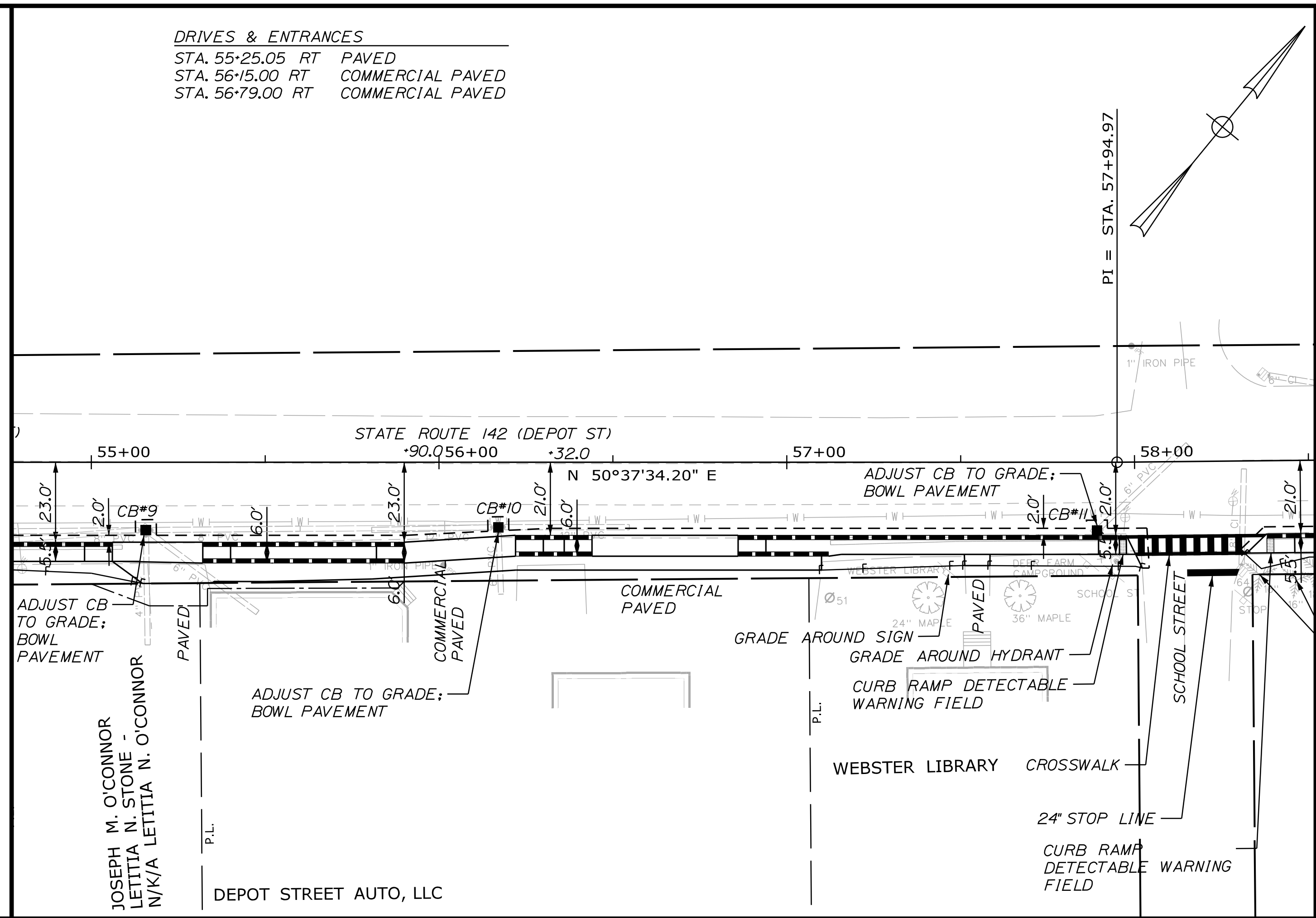
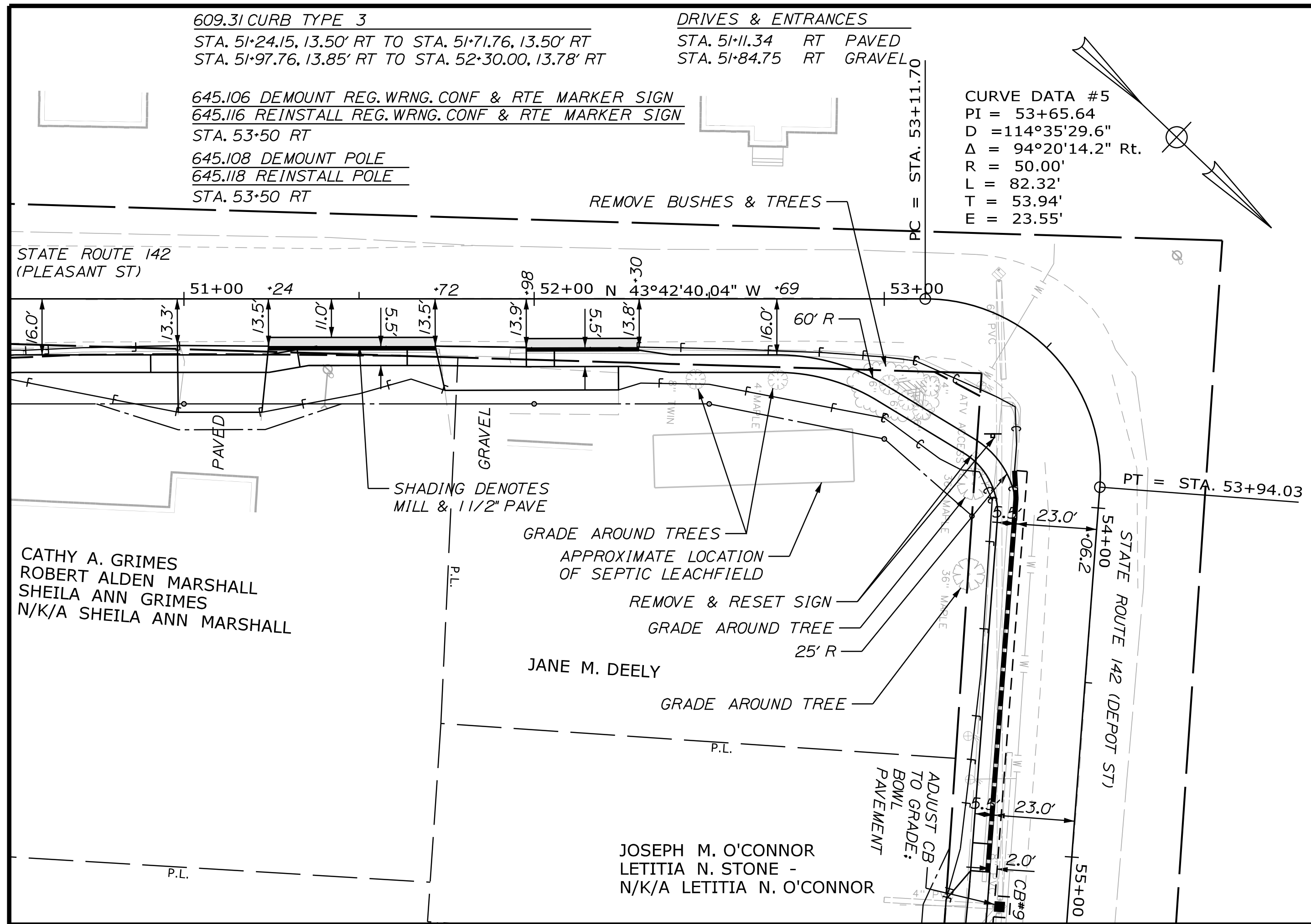


PLAN

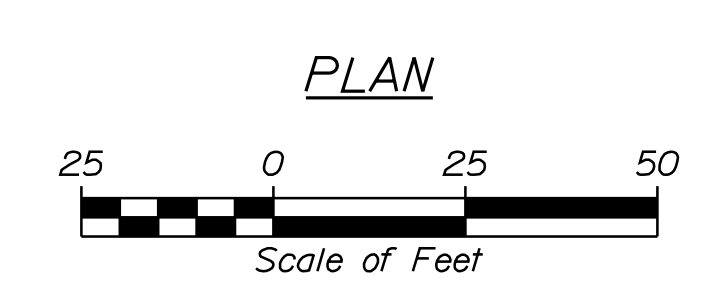
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Username: ebolt

Filename: ... \HIGHWAY\MSTA\009_HDPlan_03.dgn Division: HIGHWAY



NOTES:
 1. SEE CURB LAYOUT PLAN FOR TYPE 1 CURB QUANTITIES.



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		TAP-1888(200)		WIN 018882.00		HIGHWAY PLANS	
KINGFIELD STATE ROUTE 142		PLANS		SHEET NUMBER		9	
OF 34							

PROJ. MGR.	DANIEL LORING	DATE	BY	DATE
DESIGNED	LEW	12/20/18	PLP	12/20/18
CHECKED	LEW	12/20/18	LEM	12/20/18
DESIGNED	LEW		LEM	
REVISIONS				
REVISIONS				
REVISIONS				
REVISIONS				
FIELD CHANGES				

Date: 10/18/2019

Username: ebolt

Division: HIGHWAY

Filename: ... \MSTA\010_CurbPlan_01.dgn

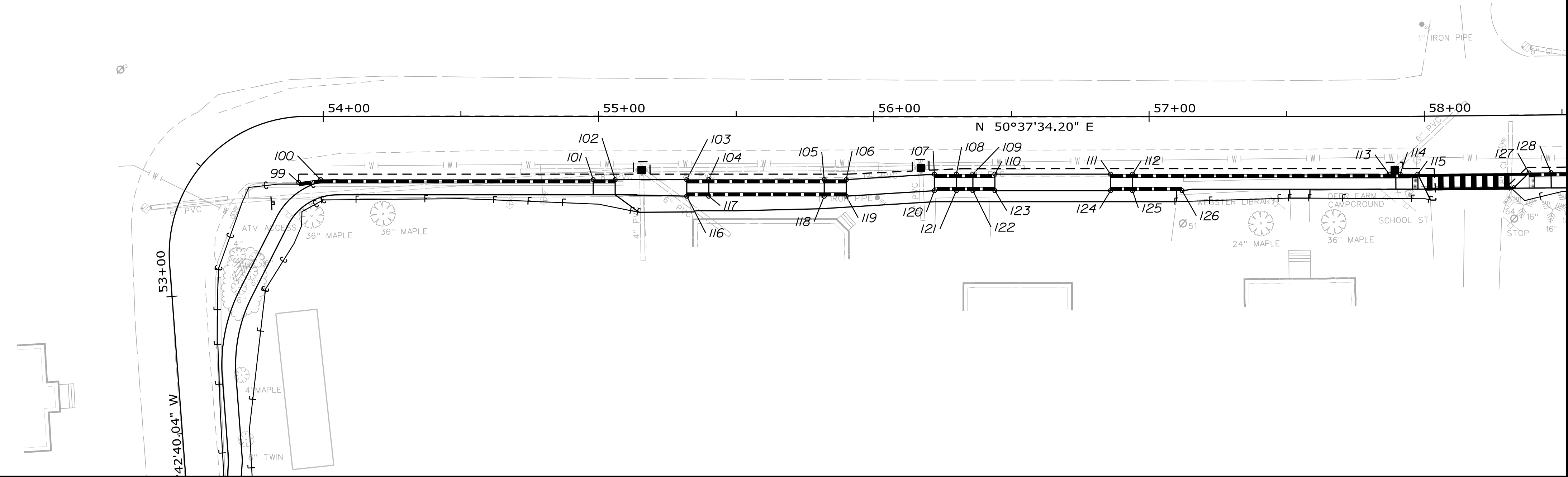
CONTROL POINTS FOR DEPOT ST.				
POINT	STATION	OFFSET	X COORD.	Y COORD.
99	53+88.44	23.86', RT.	1040400.5099	774292.0992
100	53+99.05	23.00', RT.	1040405.9969	774297.9209
101	54+98.05	23.00', RT.	1040482.5262	774360.7243
102	55+06.05	23.00', RT.	1040488.7104	774365.7993
103	55+32.05	23.00', RT.	1040508.8090	774382.2931
104	55+40.05	23.00', RT.	1040514.9932	774387.3681
105	55+82.00	23.00', RT.	1040547.4233	774413.9817
106	55+90.00	23.00', RT.	1040553.6075	774419.0567
107	56+22.00	21.00', RT.	1040577.0755	774440.9029
108	56+30.00	21.00', RT.	1040583.2597	774445.9779
109	56+36.00	21.00', RT.	1040587.8978	774449.7841
110	56+44.00	21.00', RT.	1040597.0820	774454.8592
111	59+86.00	21.00', RT.	1040626.5490	774481.5030
112	56+94.00	21.00', RT.	1040632.7333	774486.5779
113	57+87.21	21.00', RT.	1040704.7863	774545.7081
114	57+90.71	21.00', RT.	1040707.8784	774548.2456
115	57+97.42	21.00', RT.	1040712.8255	774552.3387
116	55+32.05	29.00', RT.	1040512.6153	774377.6550
117	55+40.05	29.00', RT.	1040518.7995	774382.7300
118	55+82.00	29.00', RT.	1040551.2296	774409.3436
119	55+90.00	29.00', RT.	1040557.4138	774414.4186
120	56+22.00	27.00', RT.	1040580.8818	774436.2647
121	56+30.00	27.00', RT.	1040587.0659	774441.3397
122	56+36.00	27.00', RT.	1040591.7041	774445.1460
123	56+44.00	27.00', RT.	1040597.8883	774450.2210
124	56+86.00	27.00', RT.	1040630.3552	774476.8649
125	56+94.00	27.00', RT.	1040636.5393	774481.9400
126	57+12.00	27.00', RT.	1040650.4539	774493.3587

ITEM 609.11 CURB TYPE 1

POINT	LENGTH (FT)	RADIUS (FT)
100 TO 101	99.00	-
104 TO 105	41.95	-
108 TO 109	6.00	-
112 TO 113	93.21	-
117 TO 118	41.95	-
121 TO 122	6.00	-
125 TO 126	18.00	-

ITEM 609.238 TERMINAL CURB TYPE 1-8 FOOT

POINT	LENGTH (FT)	RADIUS (FT)
99 TO 100	8.00	-
101 TO 102	8.00	-
103 TO 104	8.00	-
105 TO 106	8.00	-
107 TO 108	8.00	-
109 TO 110	8.00	-
111 TO 112	8.00	-
114 TO 115	8.00	-
116 TO 117	8.00	-
118 TO 119	8.00	-
120 TO 121	8.00	-
122 TO 123	8.00	-
124 TO 125	8.00	-



ITEM 609.11 CURB TYPE 1

POINT	LENGTH (FT)	RADIUS (FT)
128 TO 129	22.44	-
132 TO 133	102.98	-
142 TO 143	109.72	-

ITEM 609.238 TERMINAL CURB TYPE 1-8 FOOT

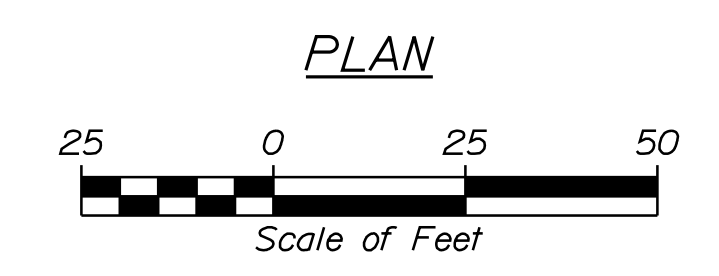
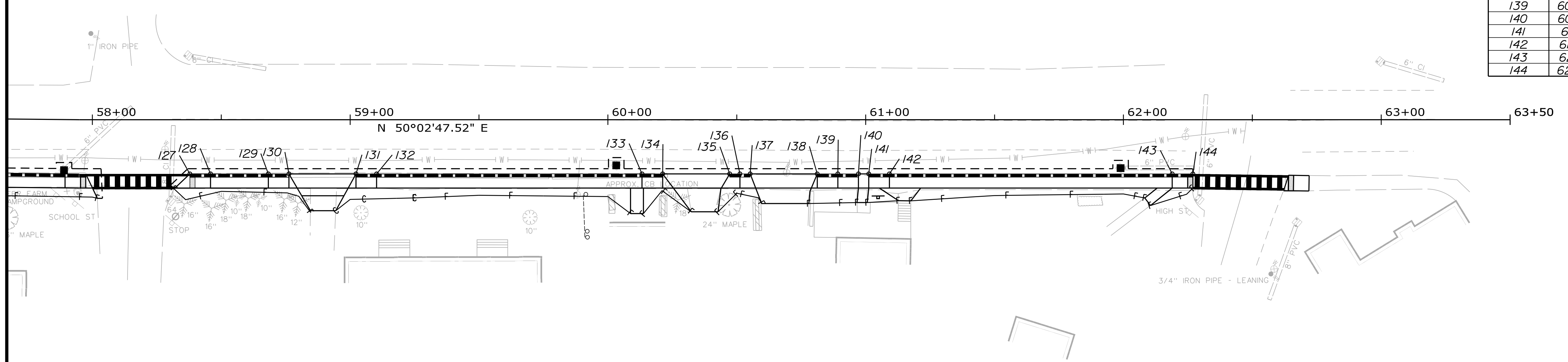
POINT	LENGTH (FT)	RADIUS (FT)
127 TO 128	8.00	-
129 TO 130	8.00	-
131 TO 132	8.00	-
133 TO 134	8.00	-
138 TO 139	8.00	-
139 TO 140	8.00	-
141 TO 142	8.00	-
143 TO 144	8.00	-

ITEM 609.234 TERMINAL CURB TYPE 1-4 FOOT

POINT	LENGTH (FT)	RADIUS (FT)
135 TO 136*	4.00	-
*136 TO 137	4.00	-

* POINT #136 CURB REVEAL SHALL BE 3"

CONTROL POINTS FOR DEPOT ST.				
POINT	STATION	OFFSET	X COORD.	Y COORD.
127	58+37.83	21.00', RT.	1040743.8009	774578.2874
128	58+45.83	21.00', RT.	1040749.9334	774583.4247
129	58+68.26	21.00', RT.	1040767.1335	774597.8335
130	58+76.26	21.00', RT.	1040773.2661	774602.9708
131	59+02.26	21.00', RT.	1040793.1968	774619.6671
132	59+10.26	21.00', RT.	1040799.3293	774624.8045
133	60+13.24	21.00', RT.	1040878.2676	774690.9324
134	60+21.24	21.00', RT.	1040884.4002	774696.0697
135	60+47.24	21.00', RT.	1040904.3309	774712.7660
136	60+51.22	21.00', RT.	1040907.3831	774715.3229
137	60+55.20	21.00', RT.	1040910.4468	774717.8660
138	60+81.20	21.00', RT.	1040930.3660	774734.5761
139	60+89.20	21.00', RT.	1040936.4985	774739.7134
140	60+97.20	21.00', RT.	1040942.6311	774744.8507
141	61+01.20	21.00', RT.	1040945.6973	774747.4194
142	61+09.20	21.00', RT.	1040951.8299	774752.5567
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144	62+26.92	21.00', RT.	1041042.0675	774828.1503



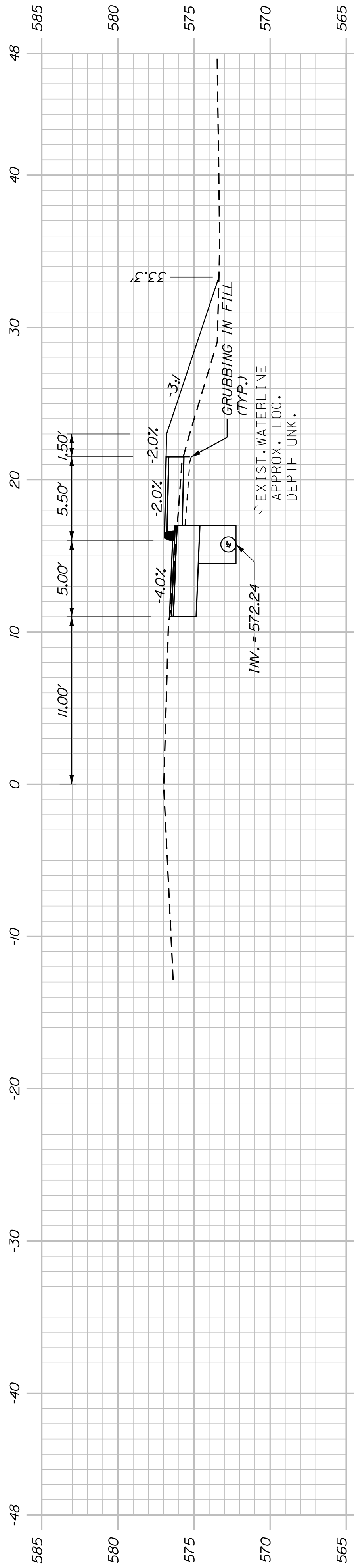
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-1888(200)
WIN
018882.00
HIGHWAY PLANS

PROJ. MGR. DANIEL LORING
DATE 10/20/18
BY PIP LEM
DESIGN DET. LEM
CHECKED-REVIEWED LEM
DESIGN DET. LEM
DESIGN DET. LEM
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

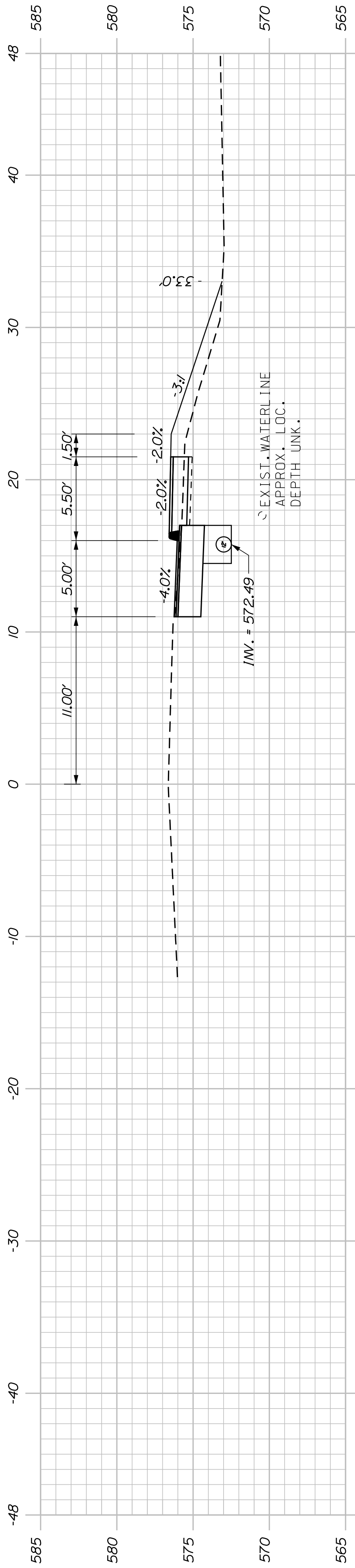
SIGNATURE
P.E. NUMBER
DATE

KINGFIELD
STATE ROUTE 142
CURB LAYOUT PLAN

SHEET NUMBER
10
OF 34

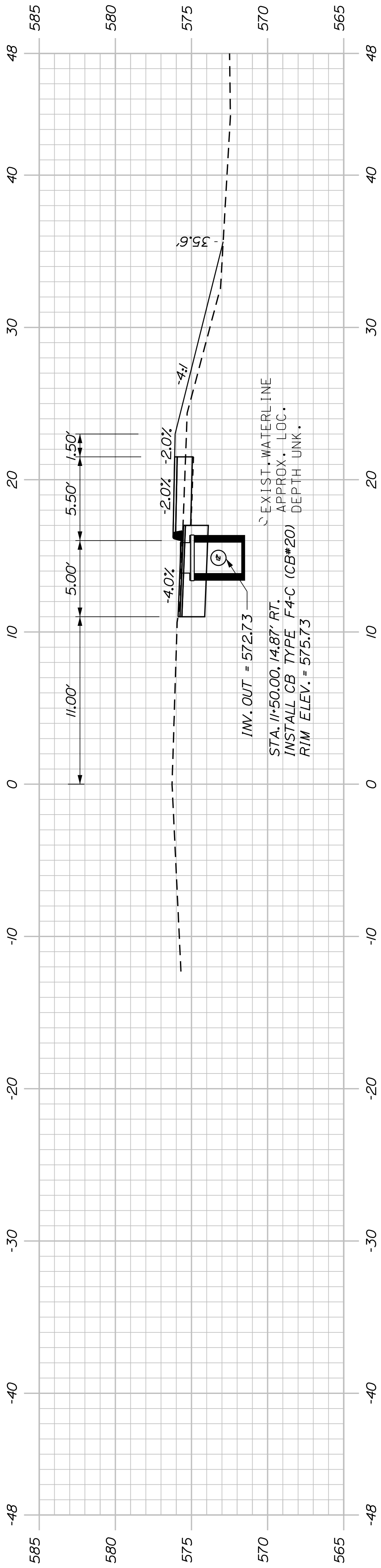


12+50.00



12+00.00

CB*20 TO CB*21
INSTALL 198 LF x 12" UD TYPE "C"



11+50.00

SHEET NUMBER

11

OF 34

KINGFIELD
STATE ROUTE 142

CROSS SECTIONS

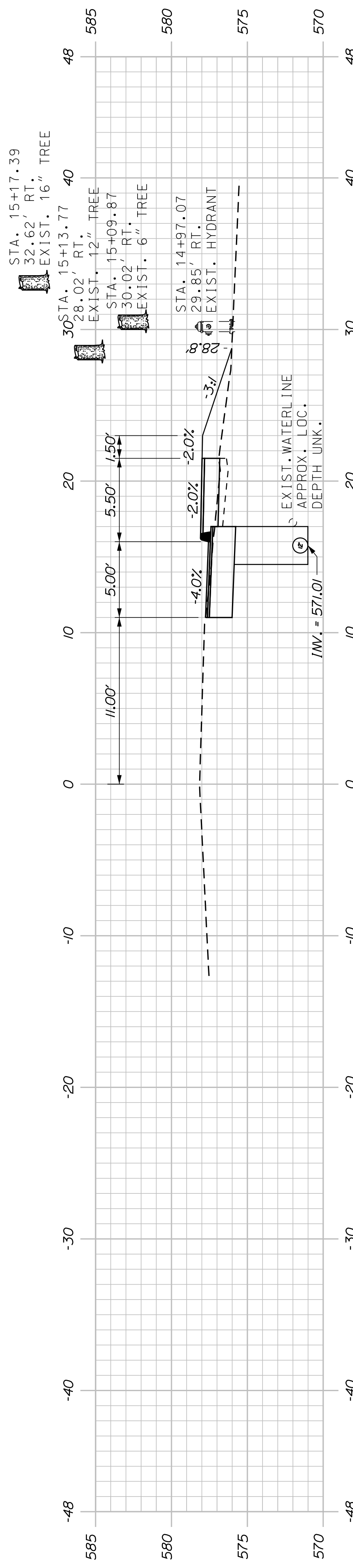
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

TAP-1888(200)

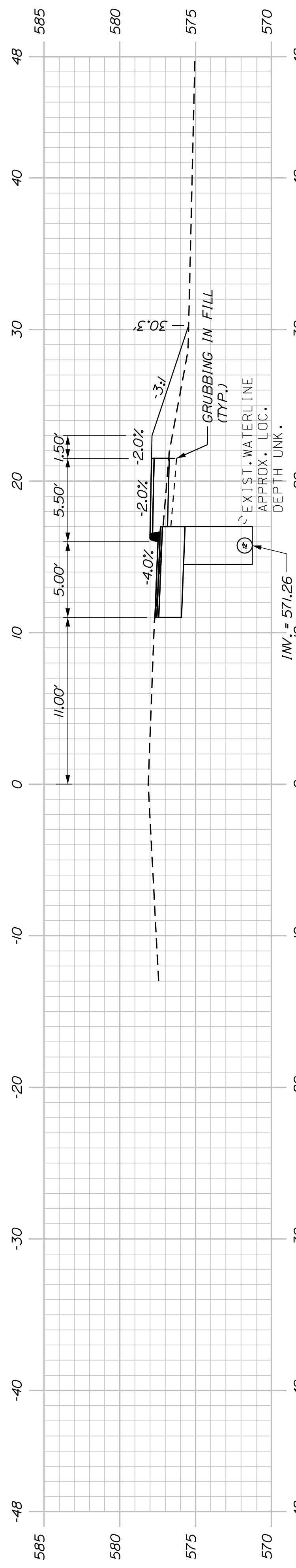
PIN
018882.00

HIGHWAY PLANS

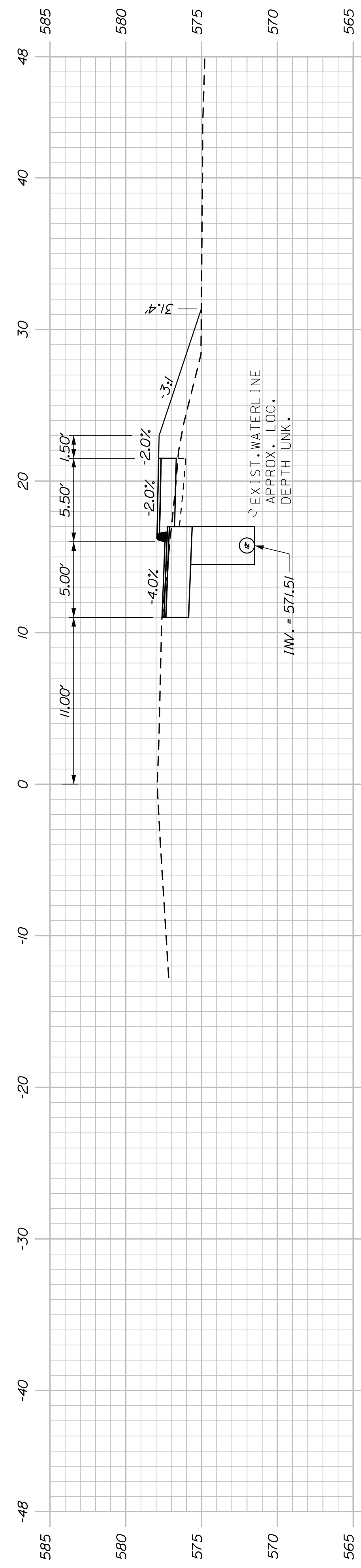
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REVISIONS 1		REVISIONS 1		DATE	
REVISIONS 2		REVISIONS 2			
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					



15+00.00

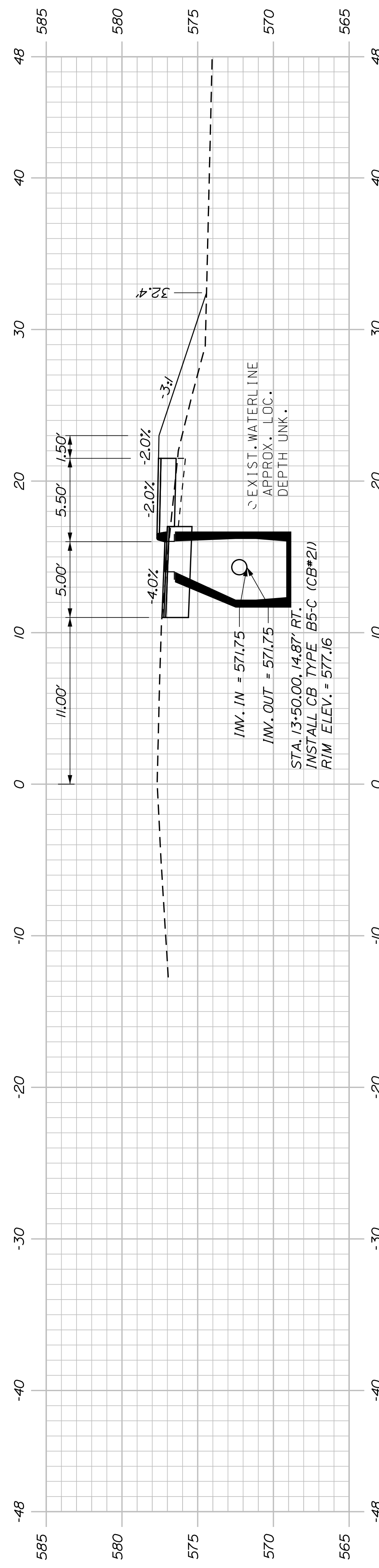


14+50.00

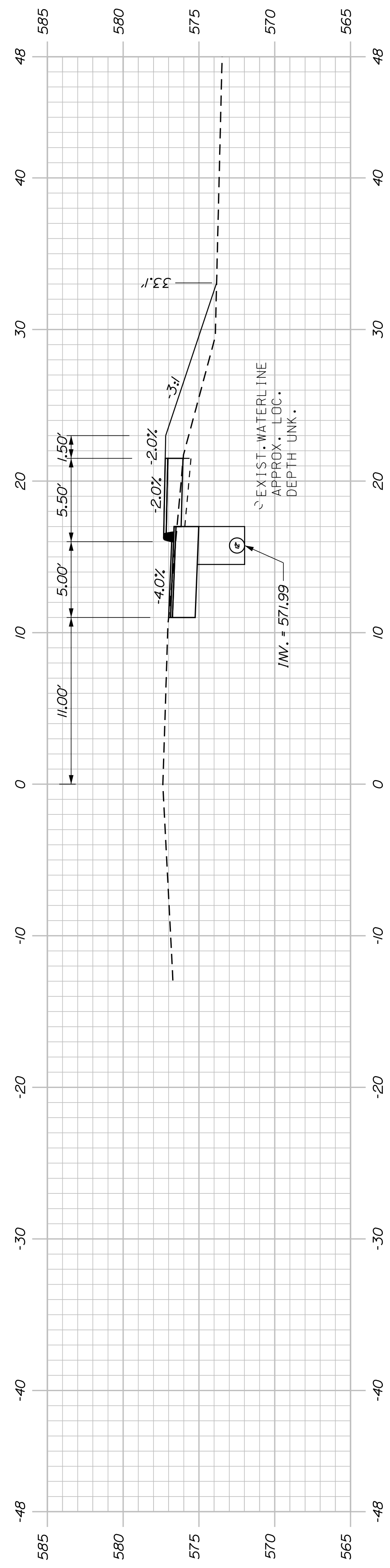


14+00.00

CB#21 TO CB#1
INSTALL 424 LF x 12" UD TYPE "C"



13+50.00



13+00.00

SHEET NUMBER

12

OF 34

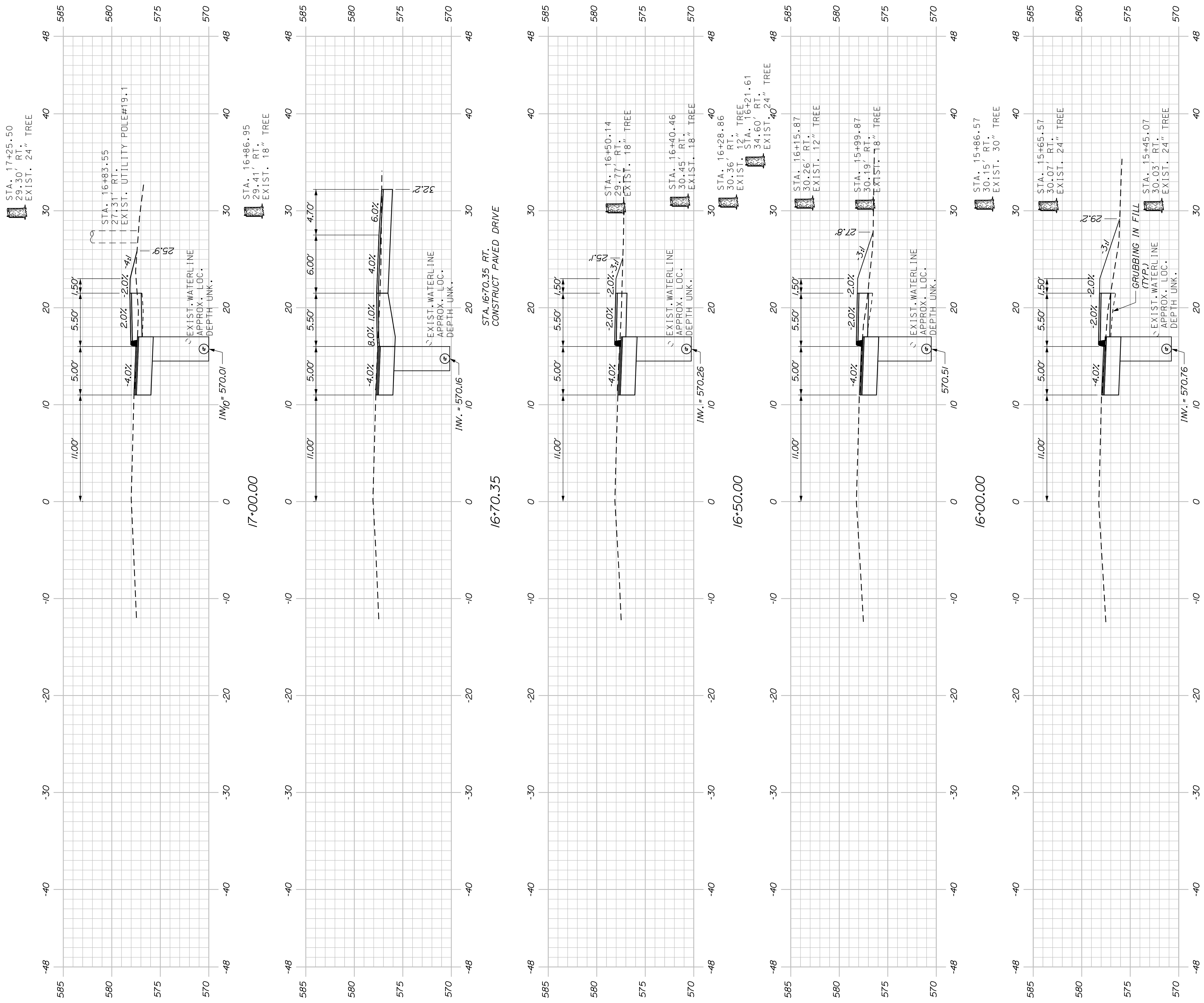
KINGFIELD
STATE ROUTE 142
CROSS SECTIONS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-1888(200)

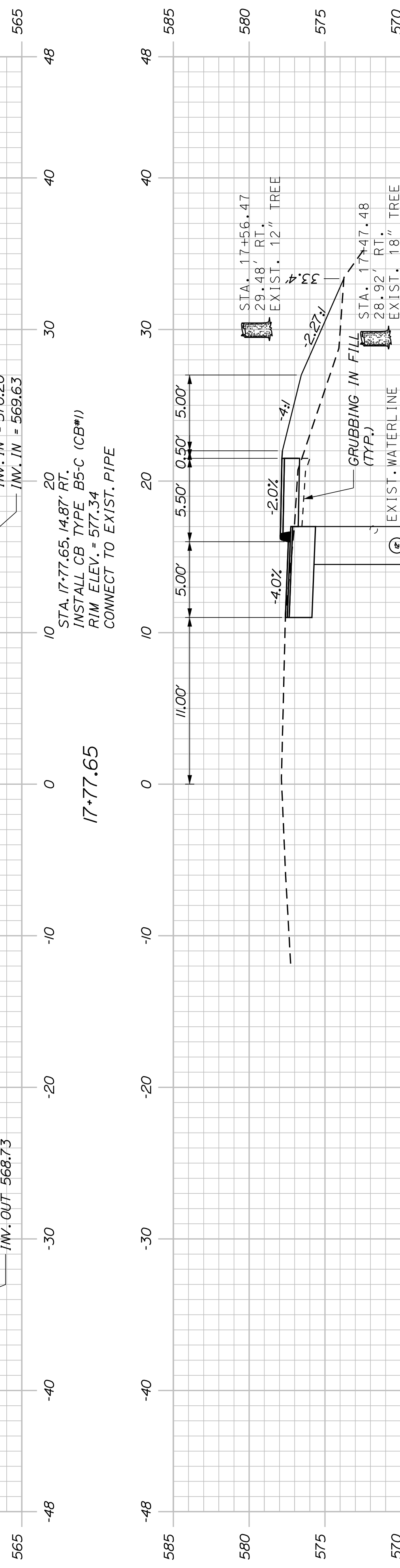
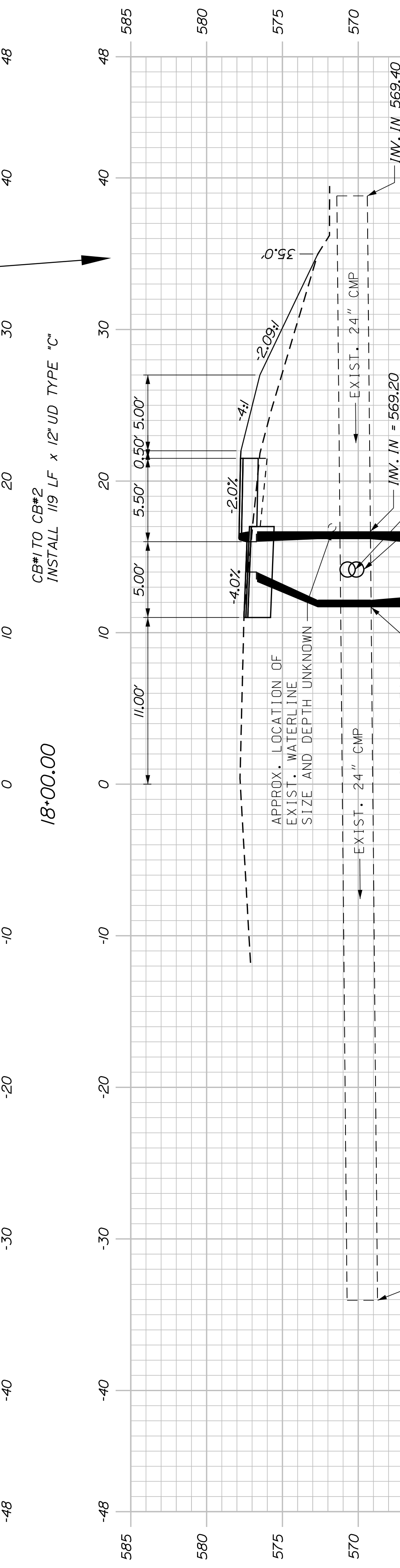
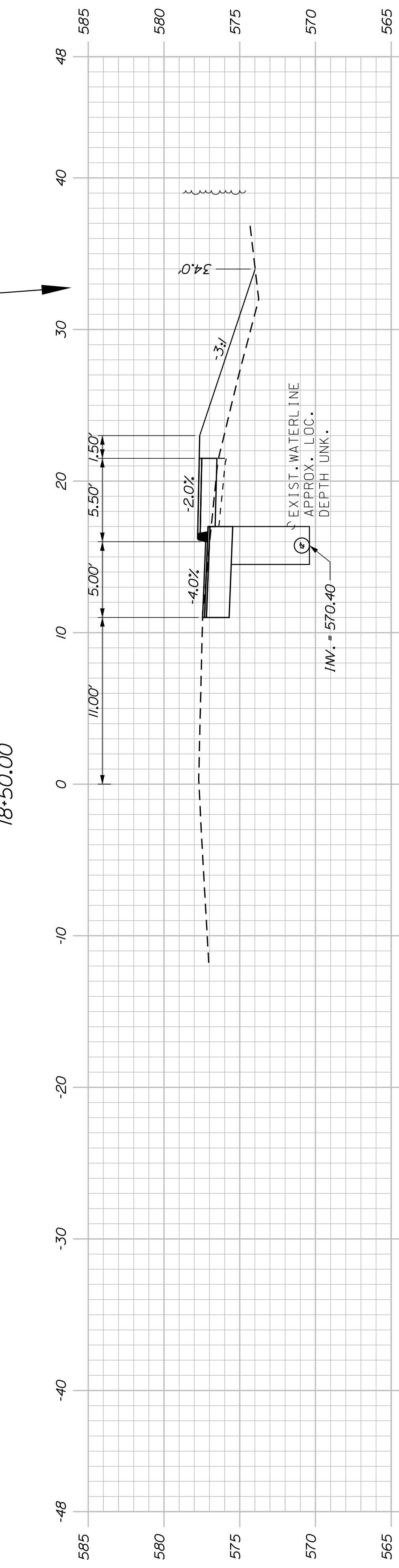
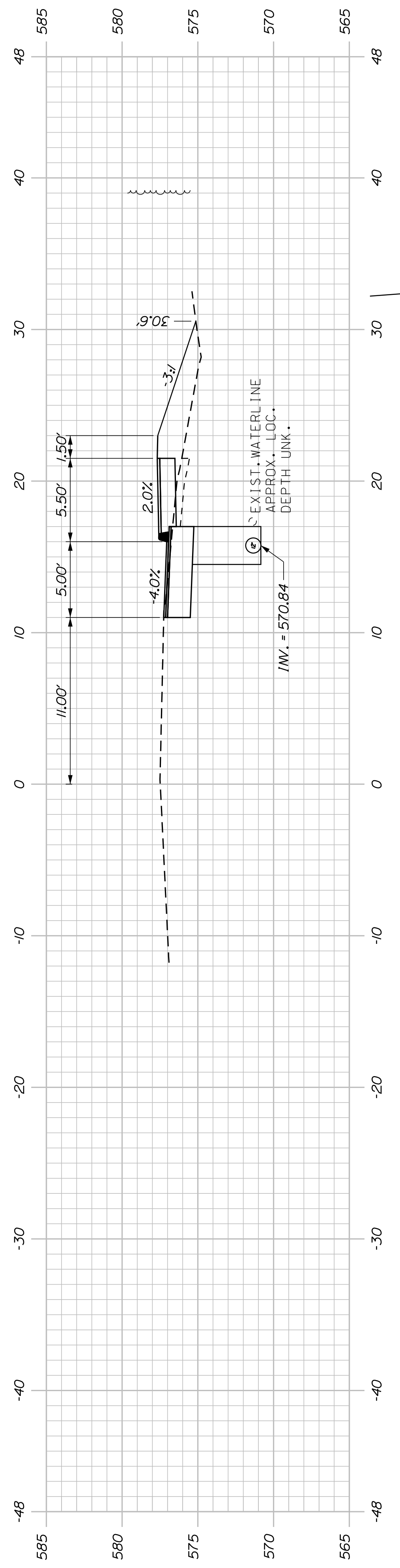
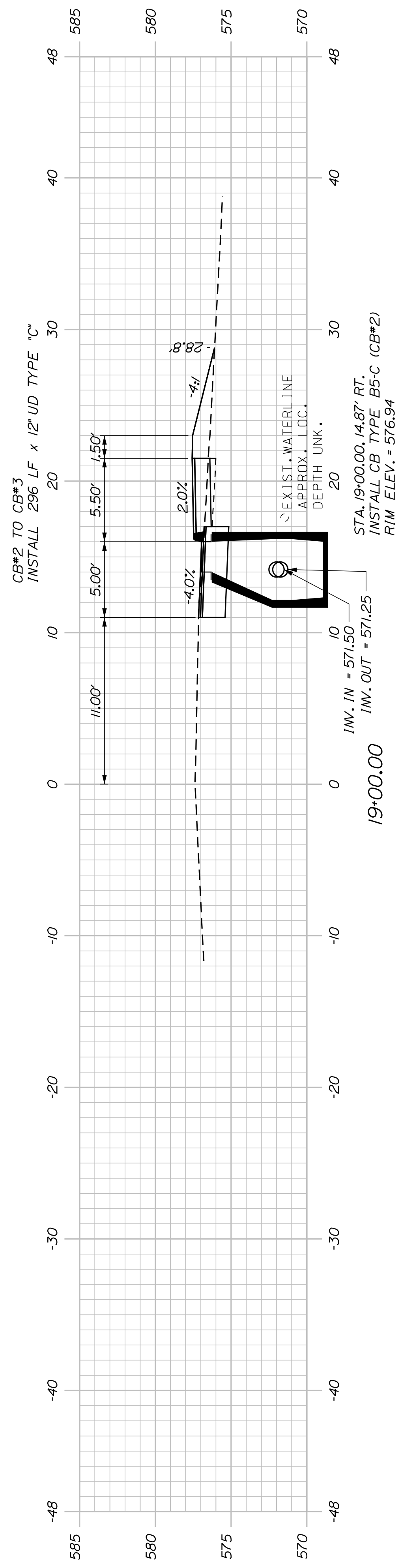
PROJ. MANAGER	DANIEL LORING	BY	DATE
DESIGN/DETAILED	TFD	PLP	5/31/19
CHECKED/REVIEWED	LEW		12/20/18
DESIGN/DETAILED			
DESIGN/DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE

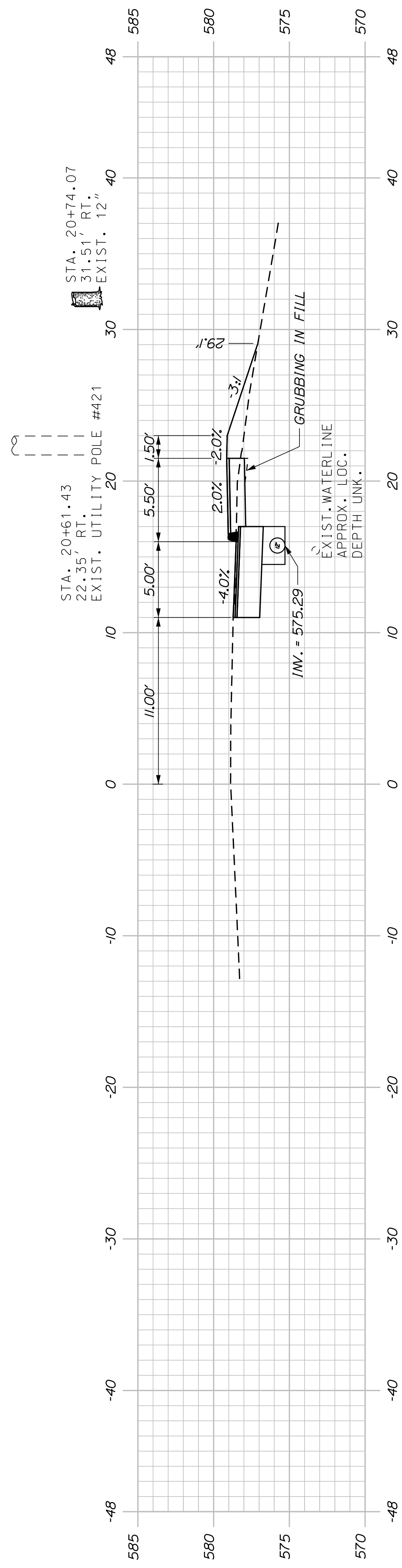
PIN
018882.00
HIGHWAY PLANS



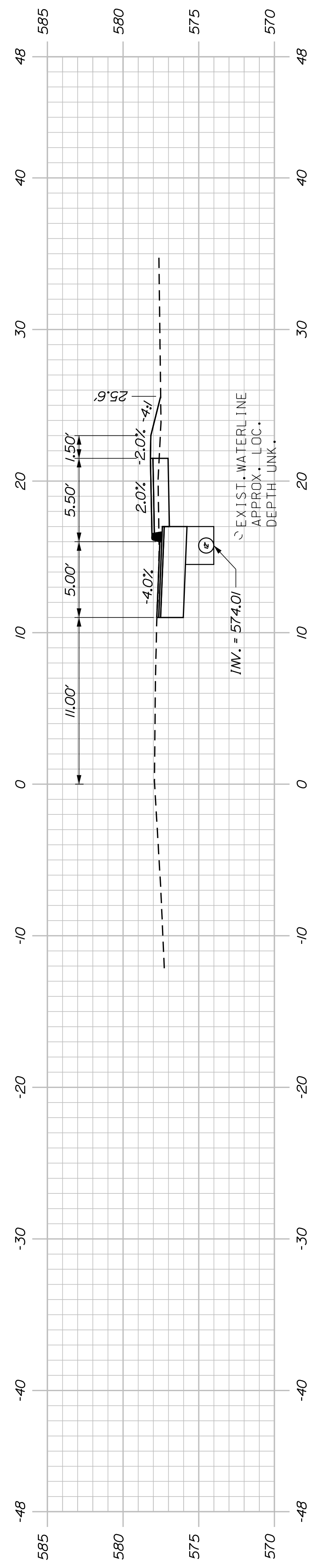
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		<p>DESIGN: TFD</p>	<p>BY: PJP</p>	<p>DATE: 12/20/18</p>
<p>SHEET NUMBER</p> <p>13</p> <p>OF 34</p>		<p>CHECKED-REVIEWED: LEM</p>	<p>SIGNATURE</p>	
		<p>DESIGN: DETAILED</p>	<p>P.E. NUMBER</p>	
		<p>REVISIONS 1</p>	<p>DATE</p>	
		<p>REVISIONS 2</p>	<p>FIELD CHANGES</p>	
<p>STATE OF MAINE</p> <p>DEPARTMENT OF TRANSPORTATION</p> <p>TAP-1888(200)</p>		<p>PIN</p> <p>018882.00</p>		<p>HIGHWAY PLANS</p>



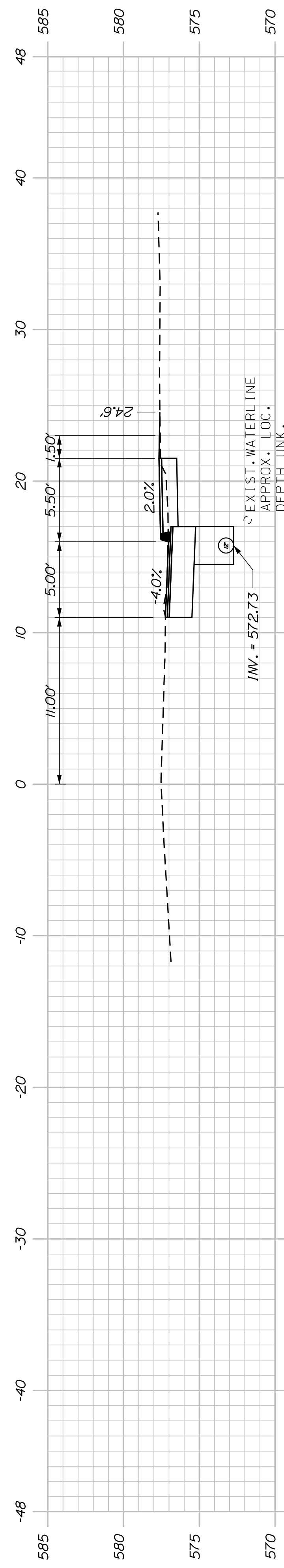
PROJ. MANAGER	DANIEL LORING	BY	DATE
DESIGN/DETAILED	TFD	PLP	5/31/19
CHECKED/REVIEWED	LEW		12/20/18
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REVISIONS 1			
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REVISIONS 3			
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FIELD CHANGES			



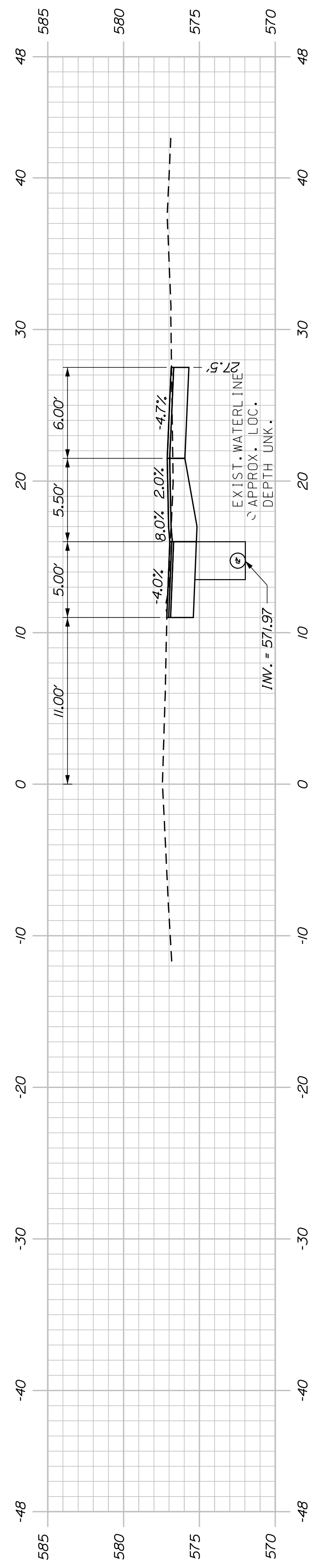
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20+00.00



19+50.00



STA. 19+20.36
CONSTRUCT PAVED DRIVE

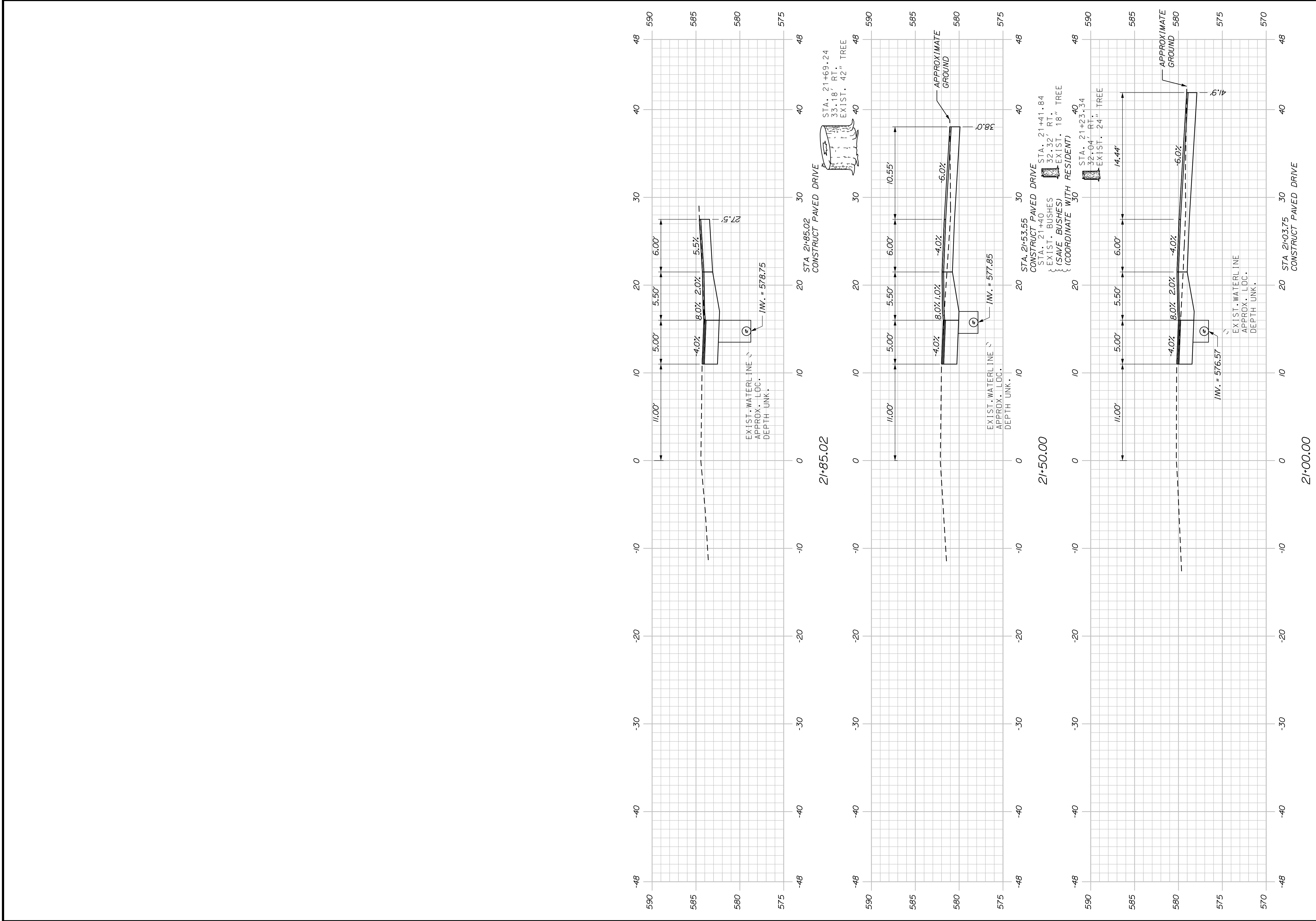
SHEET NUMBER
15
OF 34

KINGFIELD
STATE ROUTE 142
CROSS SECTIONS

PROJ. MANAGER	DANIEL LORING	BY	DATE
DESIGN-DETAILED	LEW	PLP	5/31/19
CHECKED-REVIEWED	LEW		12/20/18
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-1888(200)
PIN 018882.00
HIGHWAY PLANS



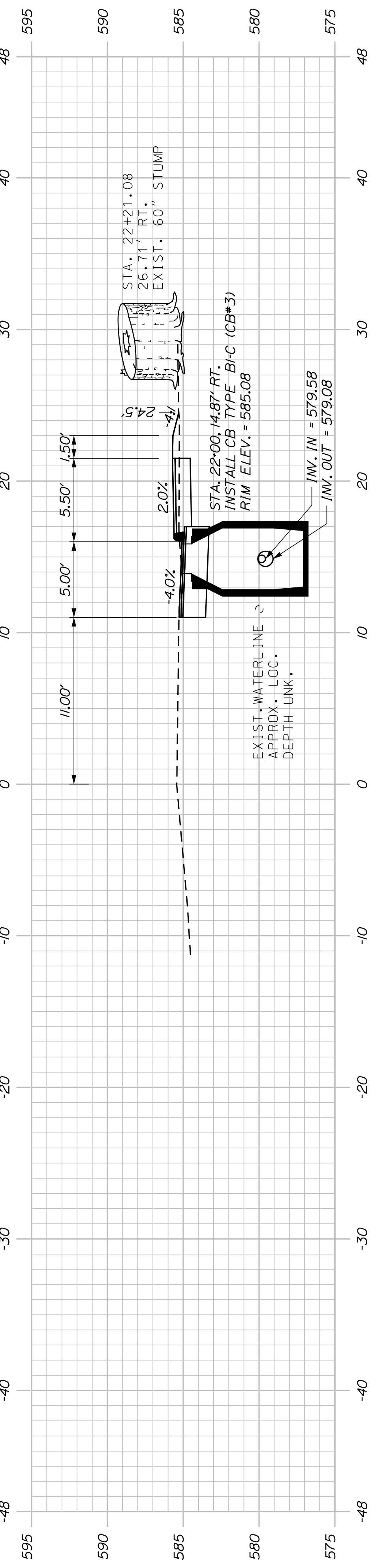
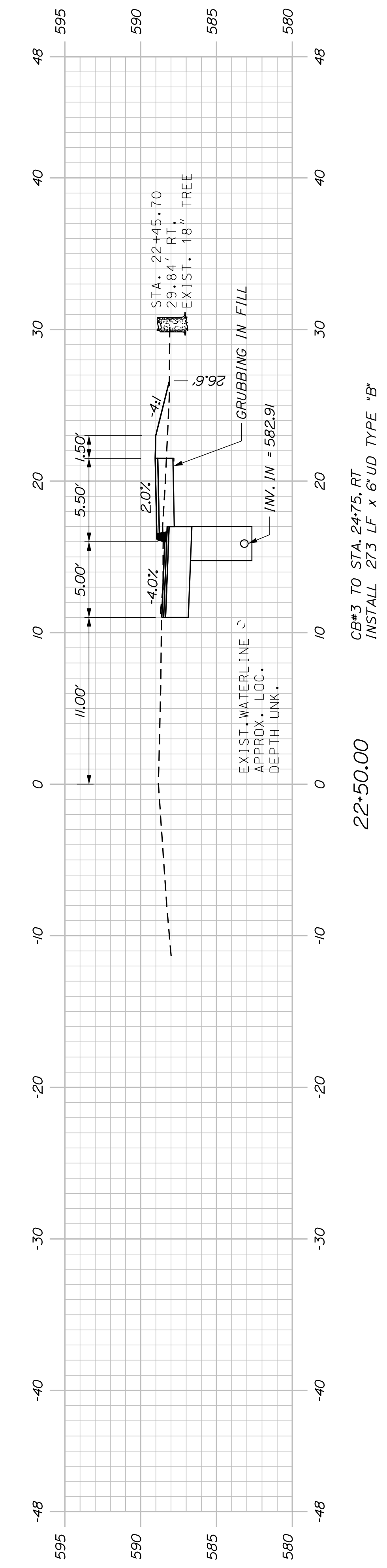
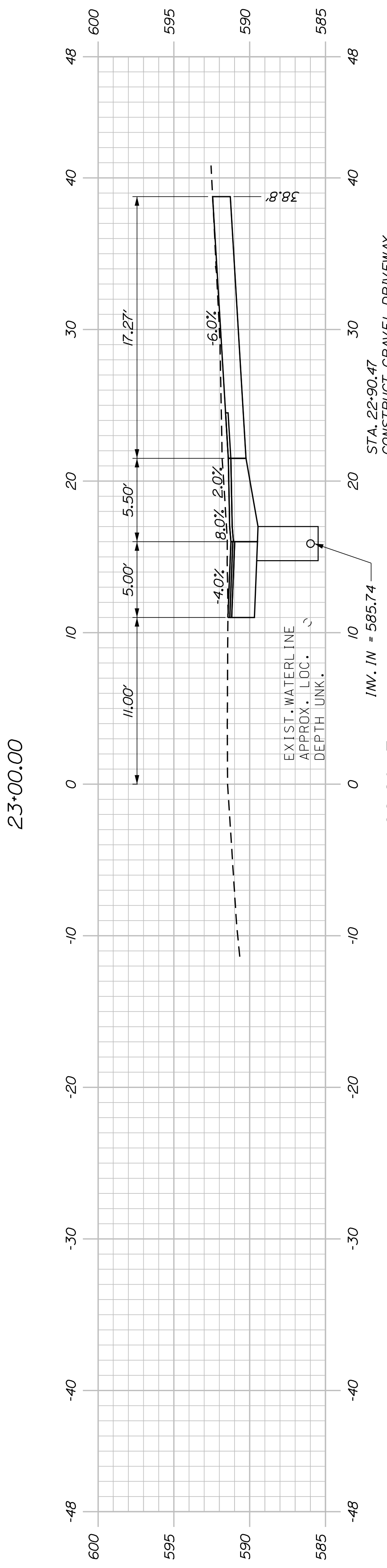
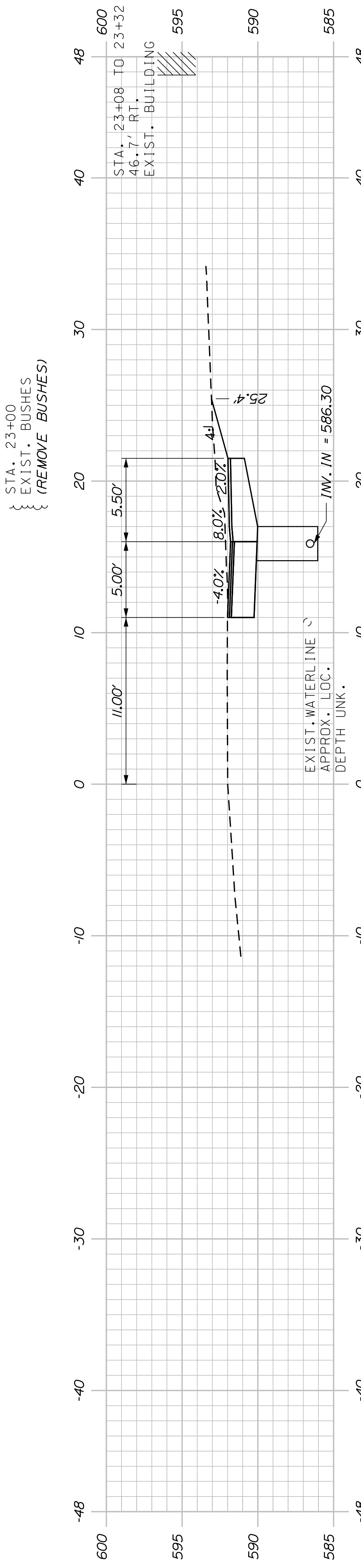
SHEET NUMBER
16
OF 34

KINGFIELD
STATE ROUTE 142
CROSS SECTIONS

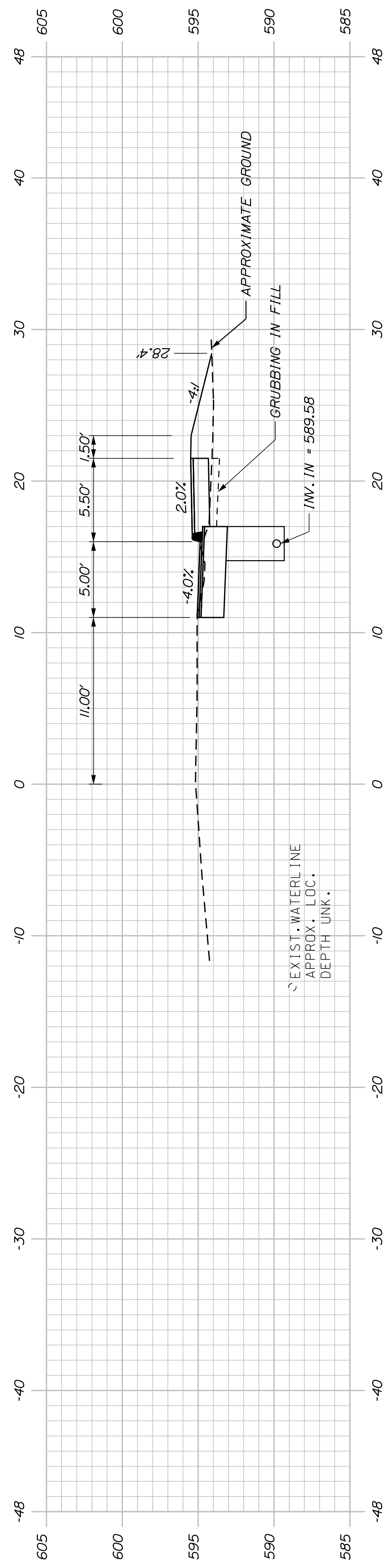
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DESIGN/DETAILED	TFD	PLP	5/31/19
CHECKED/REVIEWED	LEW		12/20/18
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REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

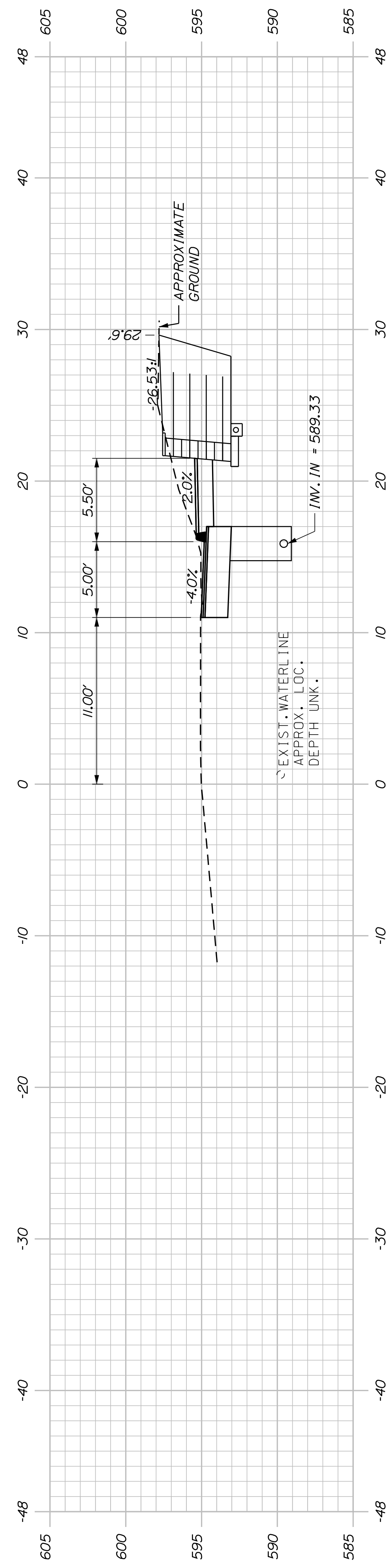
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-1888(200)
PIN 018882.00
HIGHWAY PLANS



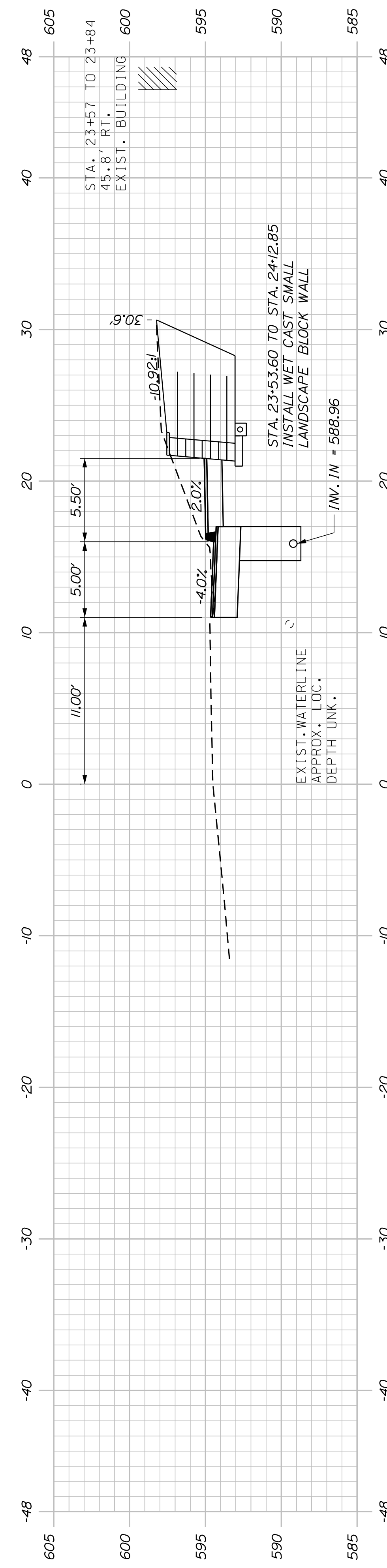
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CROSS SECTIONS		DESIGN-DETAILED TFD	CHECKED-REVIEWED LEM	DESIGN-REVIEWED LEM
SHEET NUMBER		DESIGN-DETAILED	CHECKED-REVIEWED	DATE 12/20/18
17		REVISIONS 1	REVISIONS 2	REVISIONS 3
OF 34		REVISIONS 4	FIELD CHANGES	DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE		
TAP-1888(200)		P.E. NUMBER		
HIGHWAY PLANS		DATE		
PIN 018882.00		FIELD CHANGES		



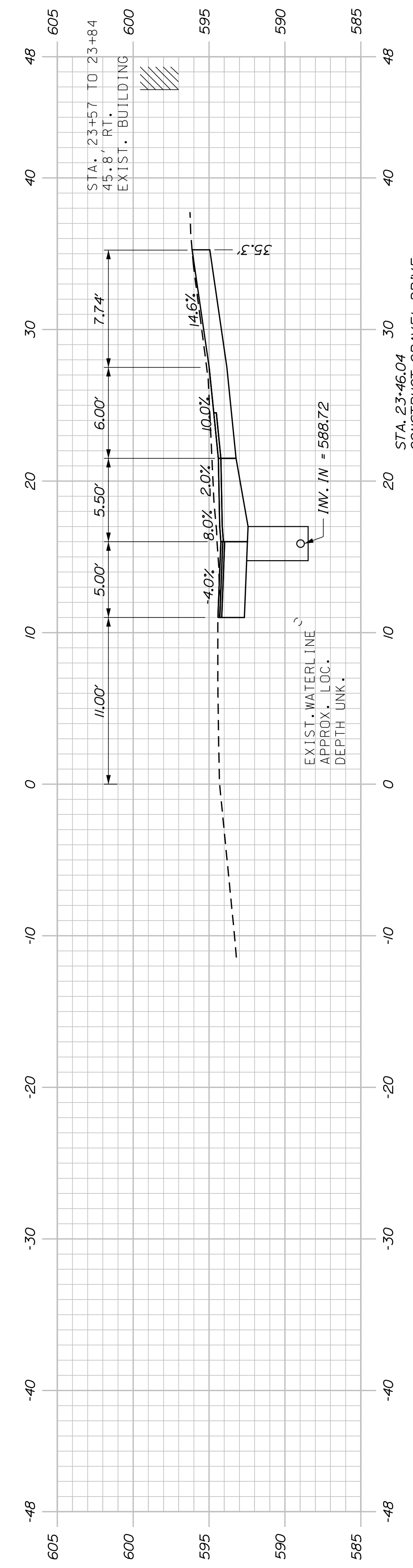
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24+00.00



23+64.08



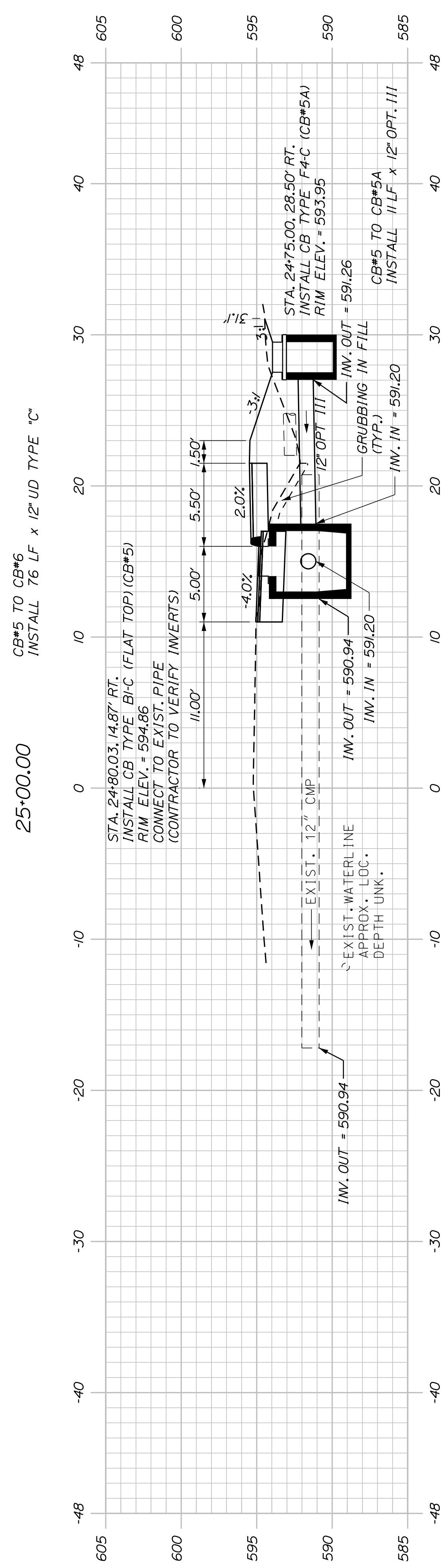
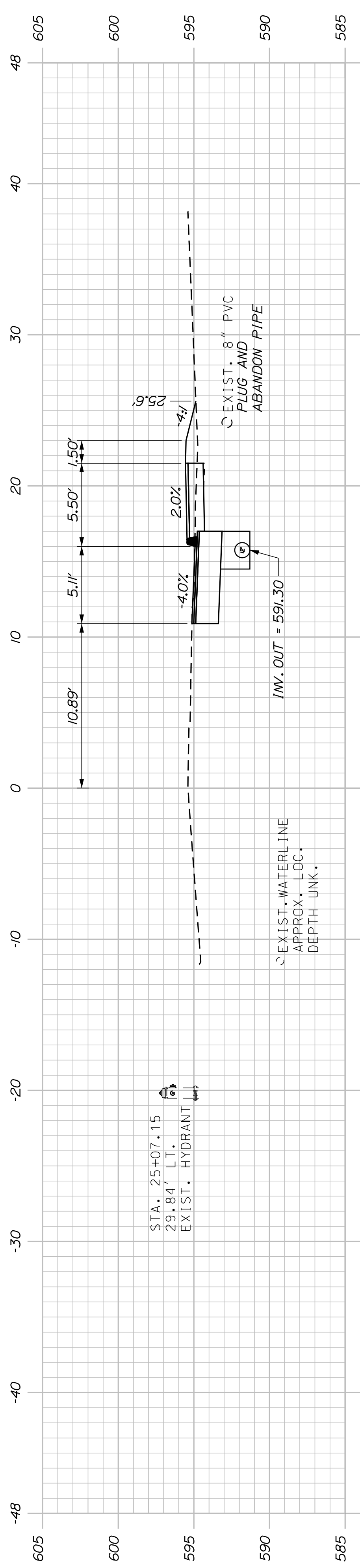
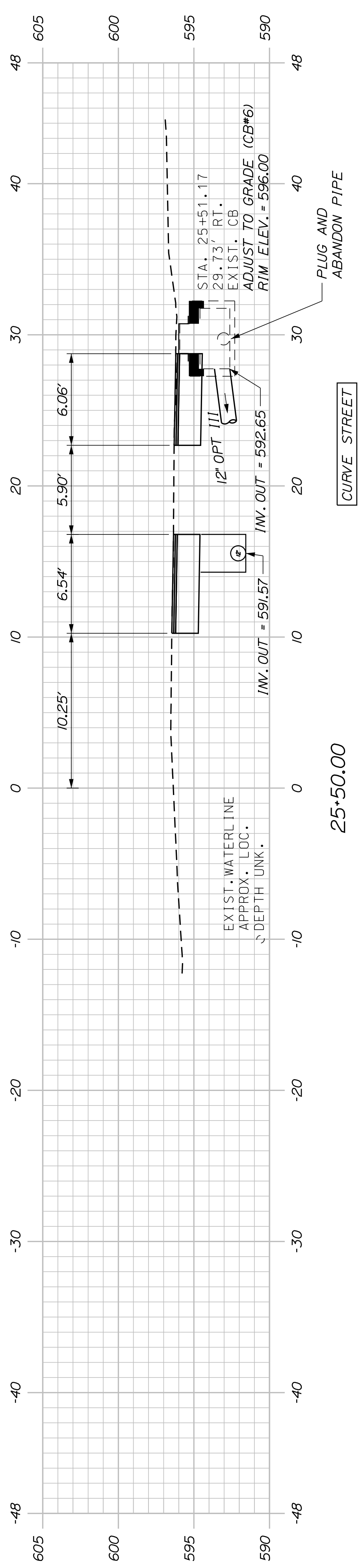
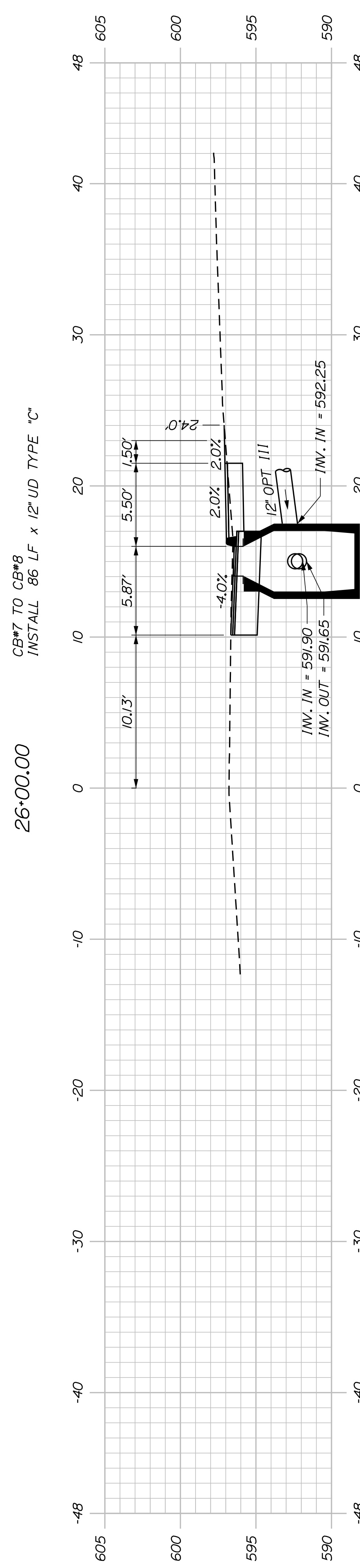
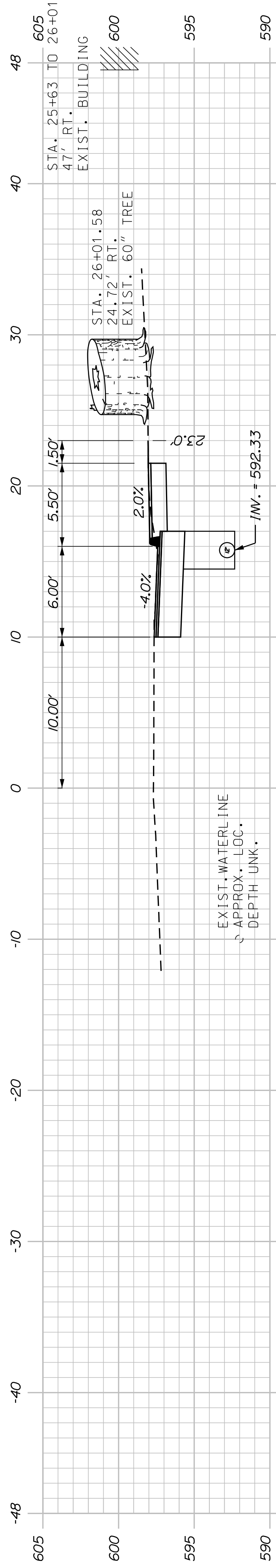
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SHEET NUMBER
18
OF 34

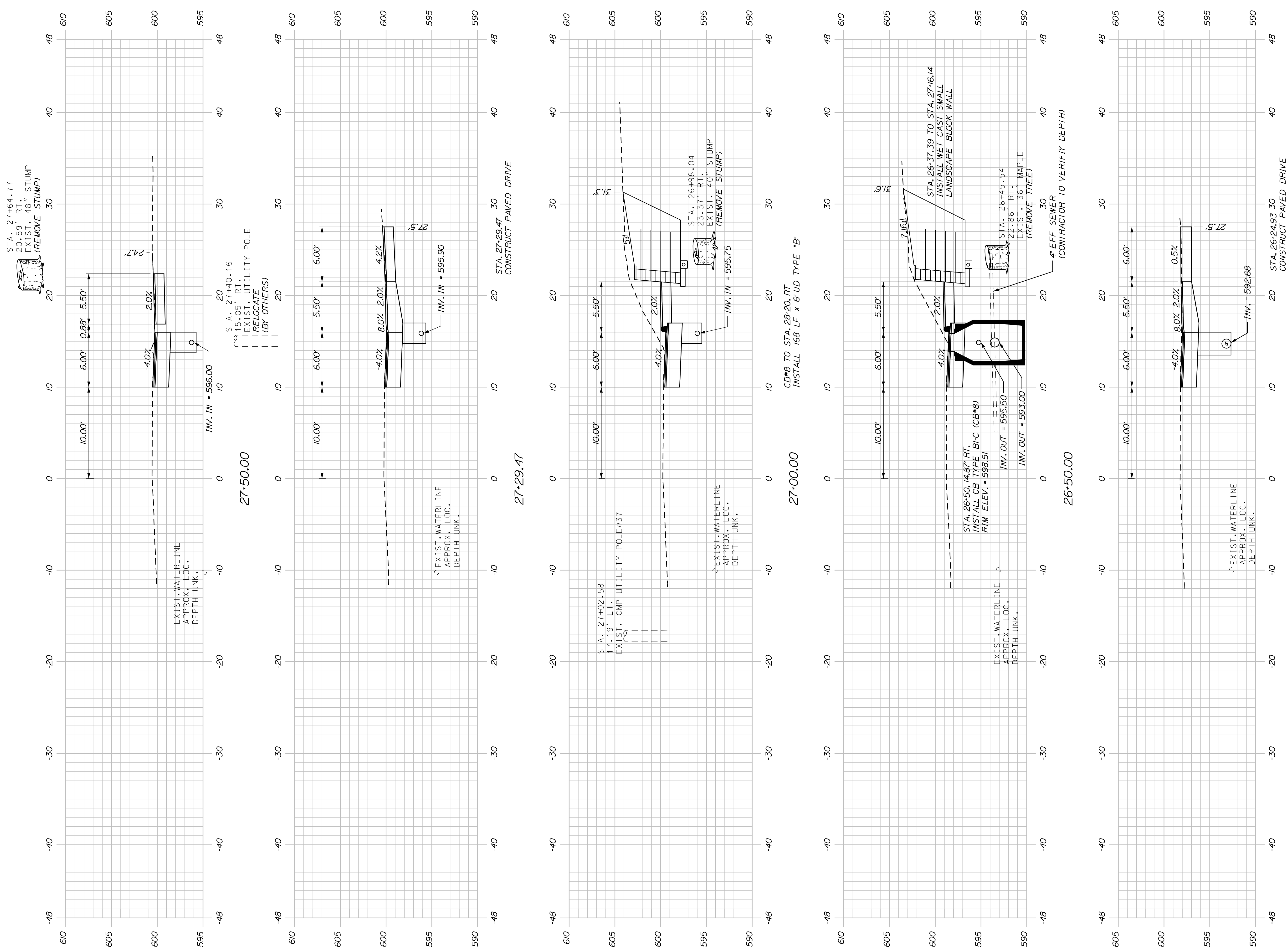
KINGFIELD
STATE ROUTE 142
CROSS SECTIONS

PROJ. MANAGER	DANIEL LORING	BY	PLP	DATE	5/31/19
DESIGN/DETAILED	TFD	CHECKED/REVIEWED	LEW	DATE	12/20/18
DESIGN/DETAILED		DESIGN/DETAILED		SIGNATURE	
REVISIONS 1		REVISIONS 1		P.E. NUMBER	
REVISIONS 2		REVISIONS 2		DATE	
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-1888(200)
PIN 018882.00
HIGHWAY PLANS



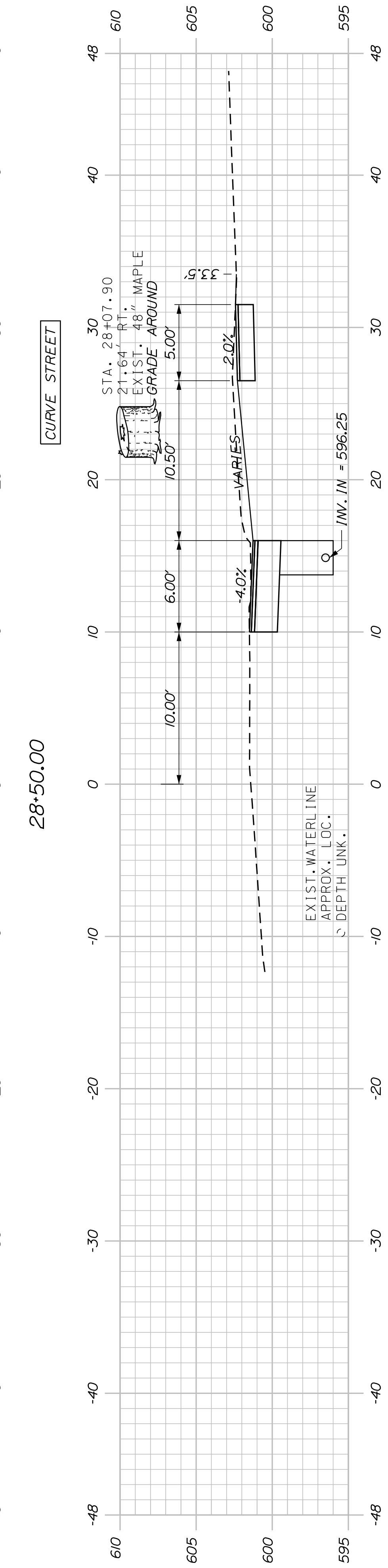
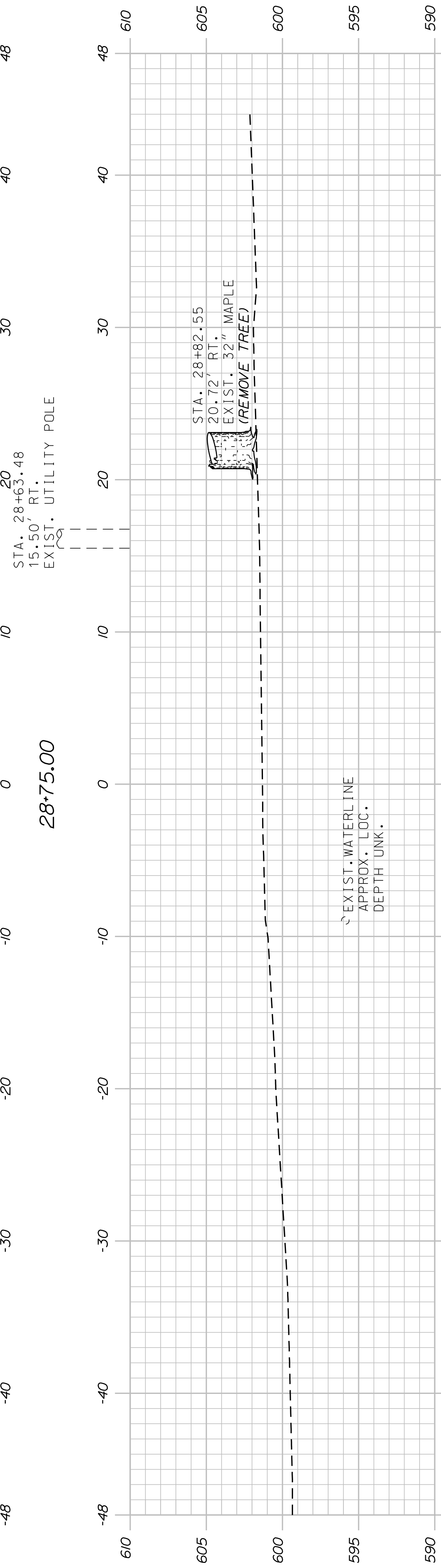
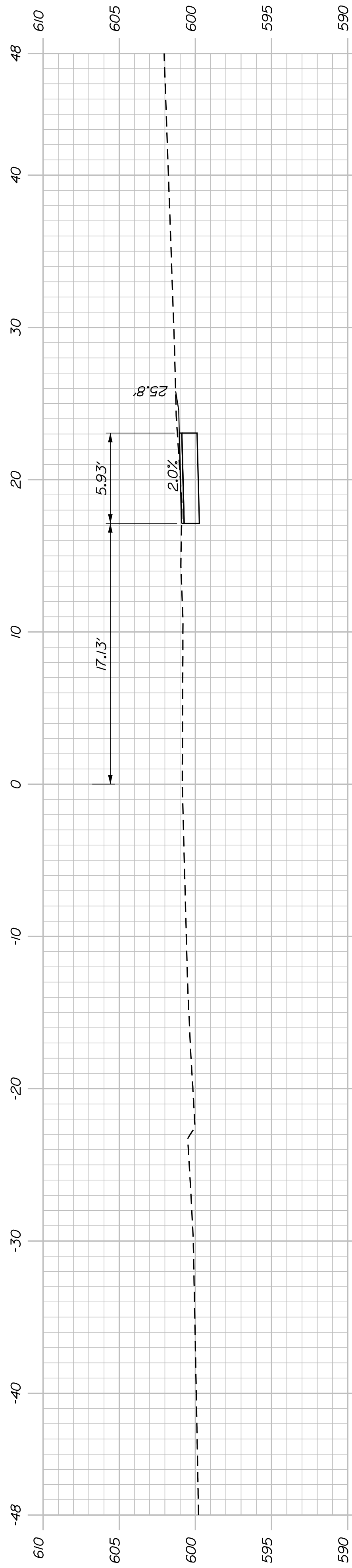
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DESIGN/DETAILED	TFD	PLP	5/31/19
CHECKED/REVIEWED	LEW		12/20/18
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REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



KINGFIELD STATE ROUTE 142		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
CROSS SECTIONS		TAP-1888(200)	
SHEET NUMBER		PIN	
20		018882.00	
OF 34		HIGHWAY PLANS	

PROJ. MANAGER	DANIEL LORING	BY	DATE
DESIGN-DETAILED	LED	PLP	5/31/19
CHECKED-REVIEWED	LEW		12/20/18
DESIGN-DETAILED			
DESIGN-DETAILED			
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FIELD CHANGES			

SIGNATURE	DATE
P.E. NUMBER	DATE



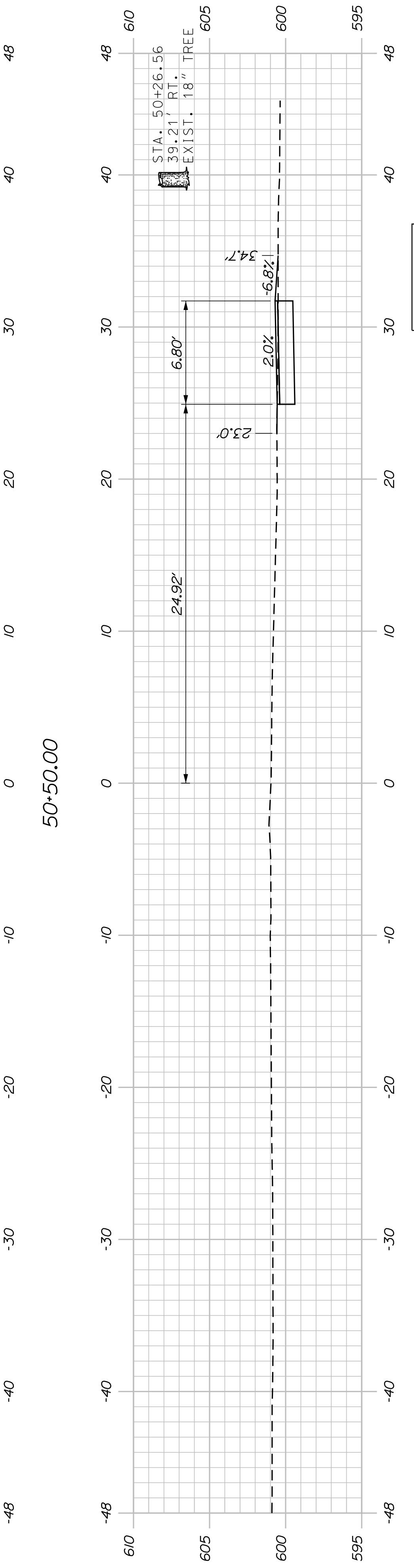
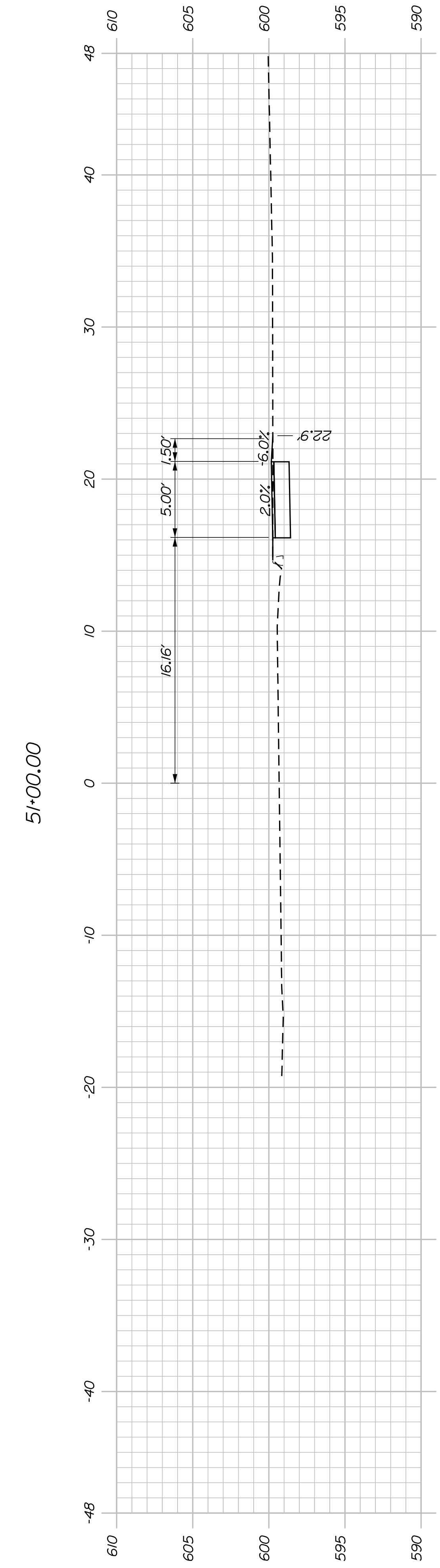
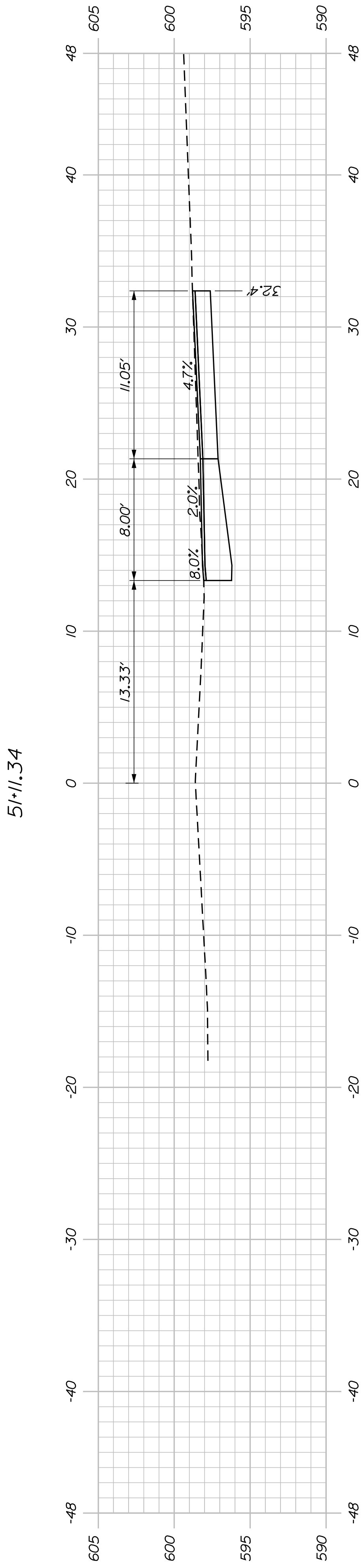
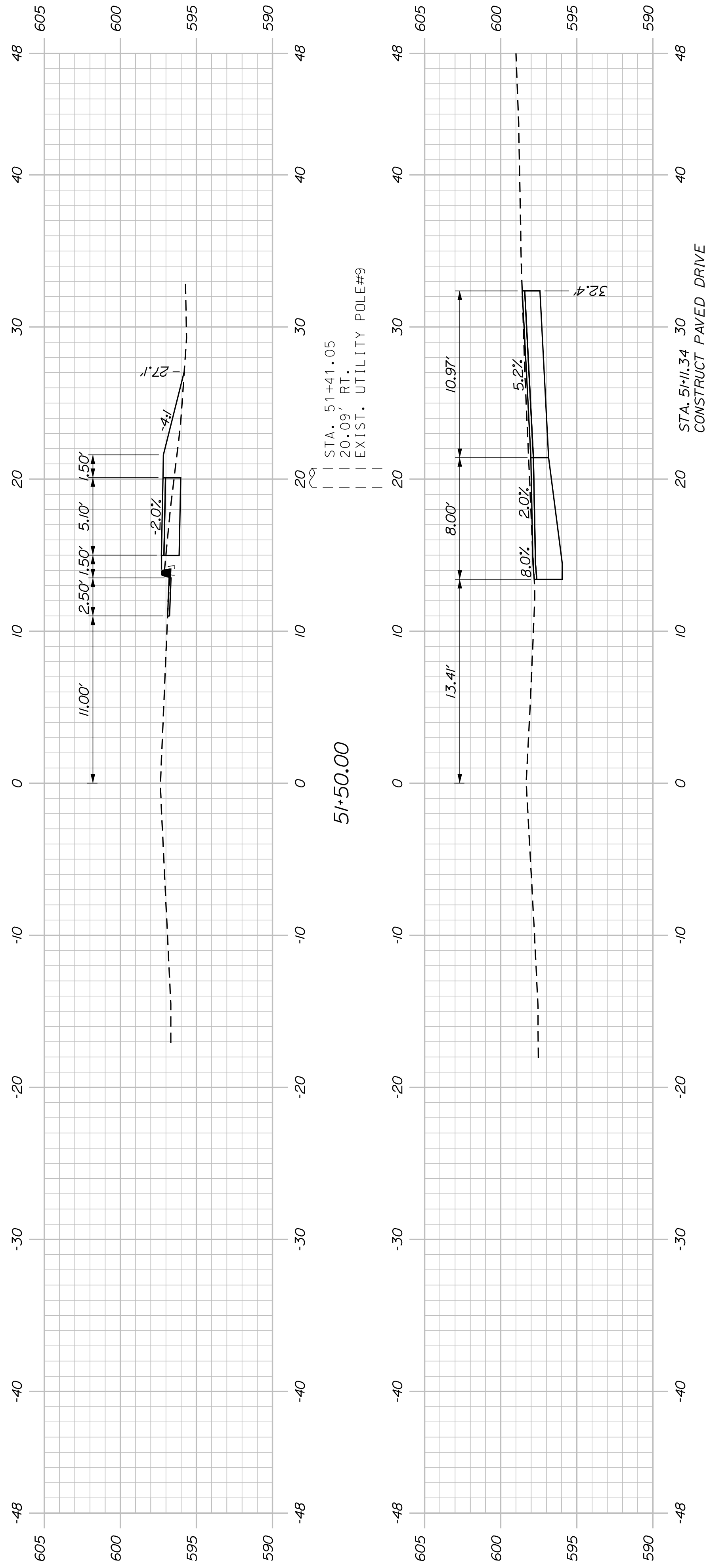
SHEET NUMBER
21
OF 34

KINGFIELD
STATE ROUTE 142
CROSS SECTIONS

PROJ. MANAGER	DANIEL LORING	BY	DATE
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DESIGN-REVIEWED	LEW		12/20/18
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-1888(200)
PIN
018882.00
HIGHWAY PLANS



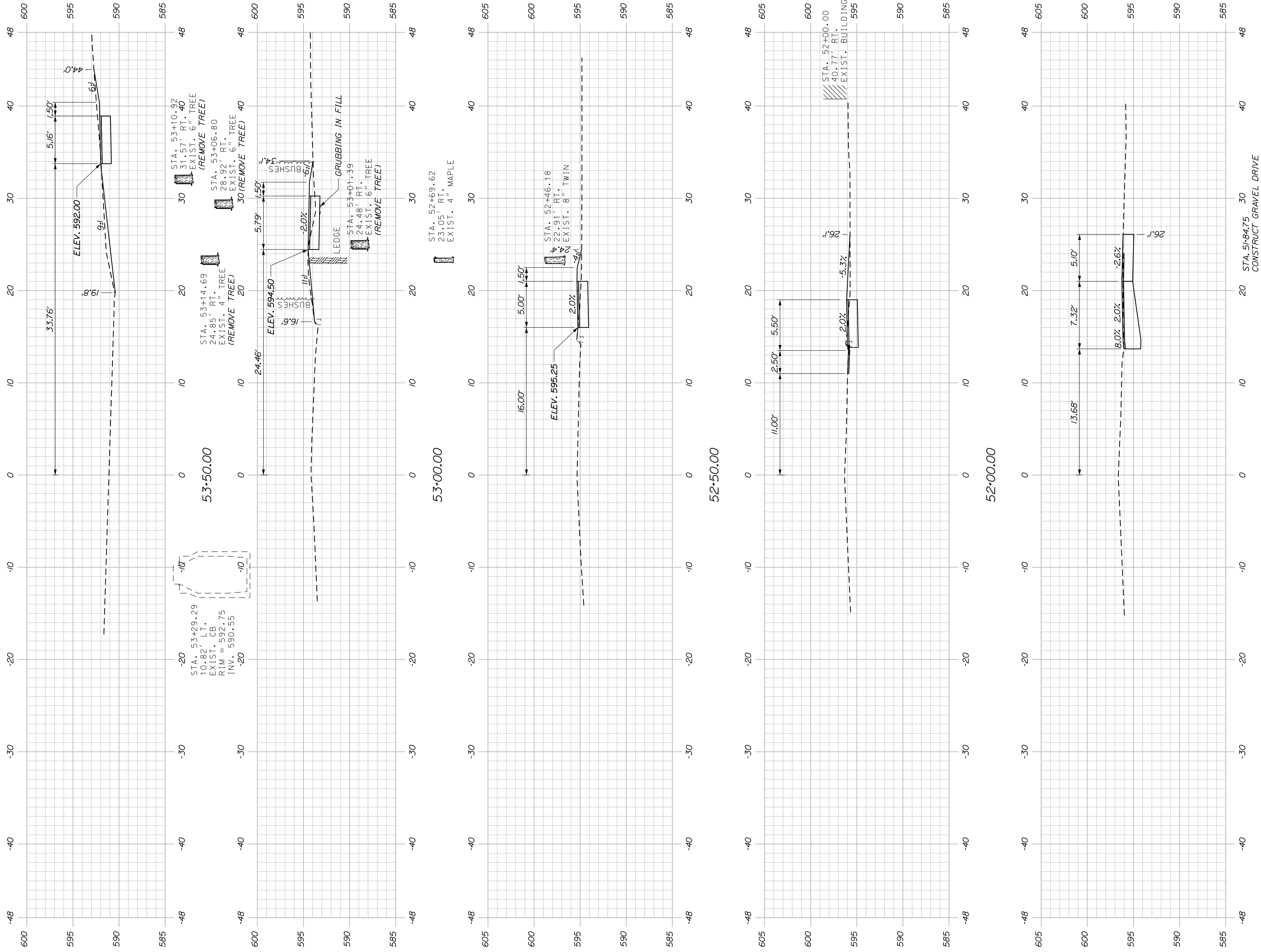
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OF 34

KINGFIELD
STATE ROUTE 142
CROSS SECTIONS

PROJ. MANAGER	DANIEL LORING	BY	DATE
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REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

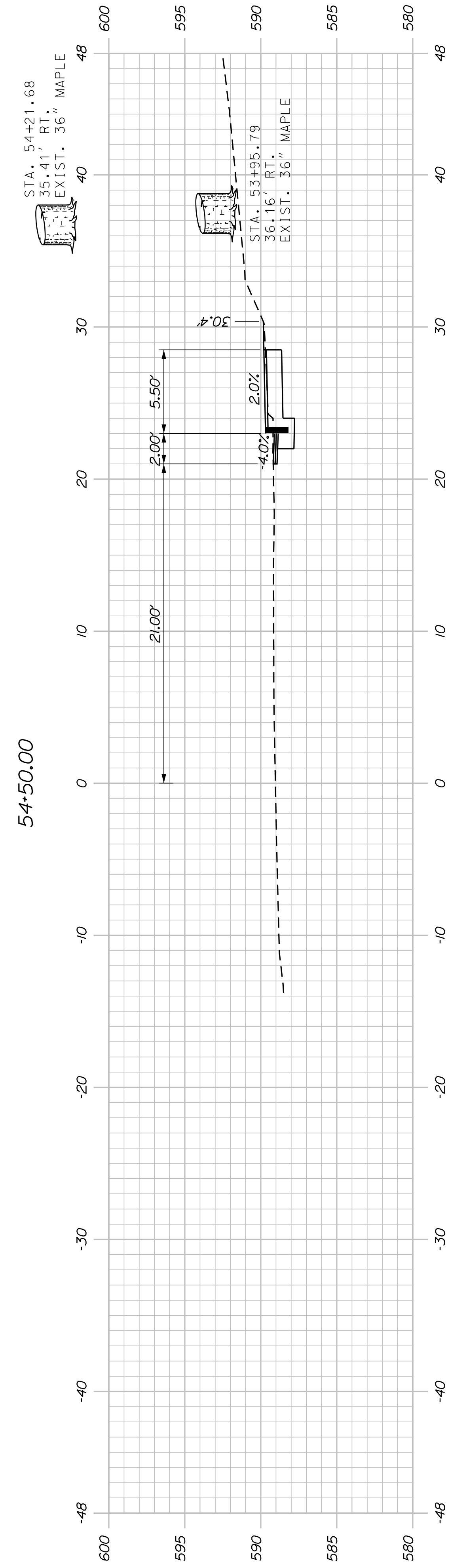
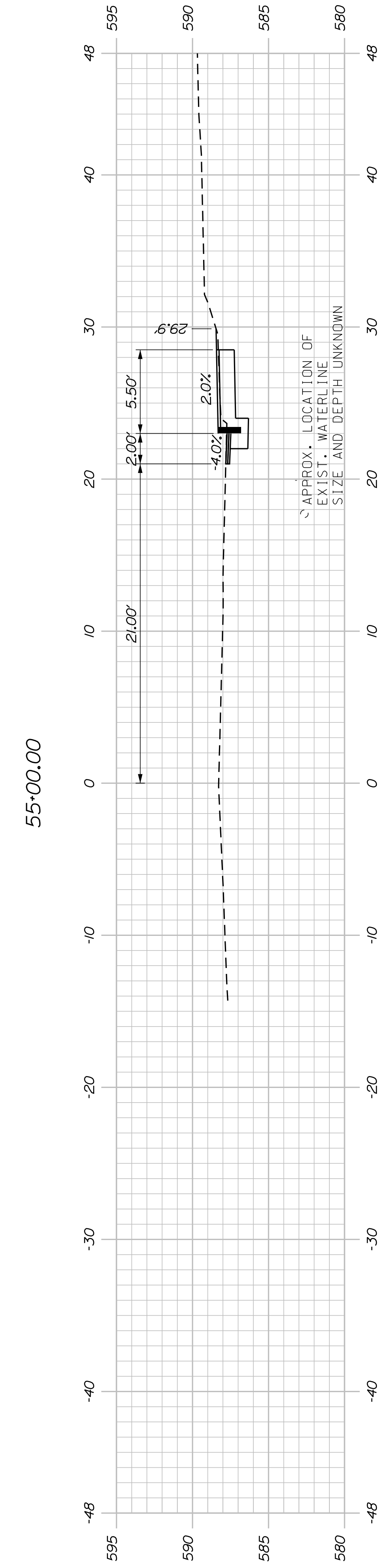
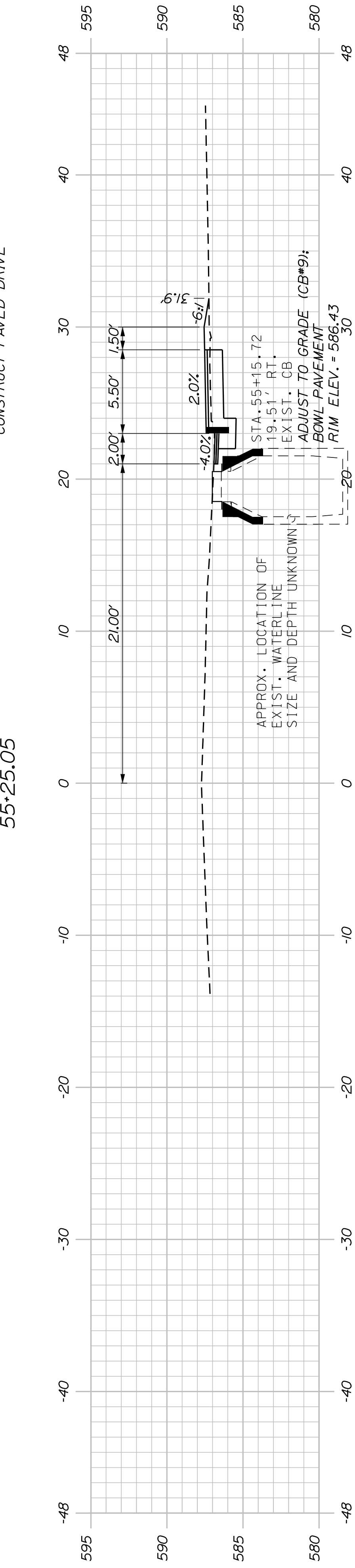
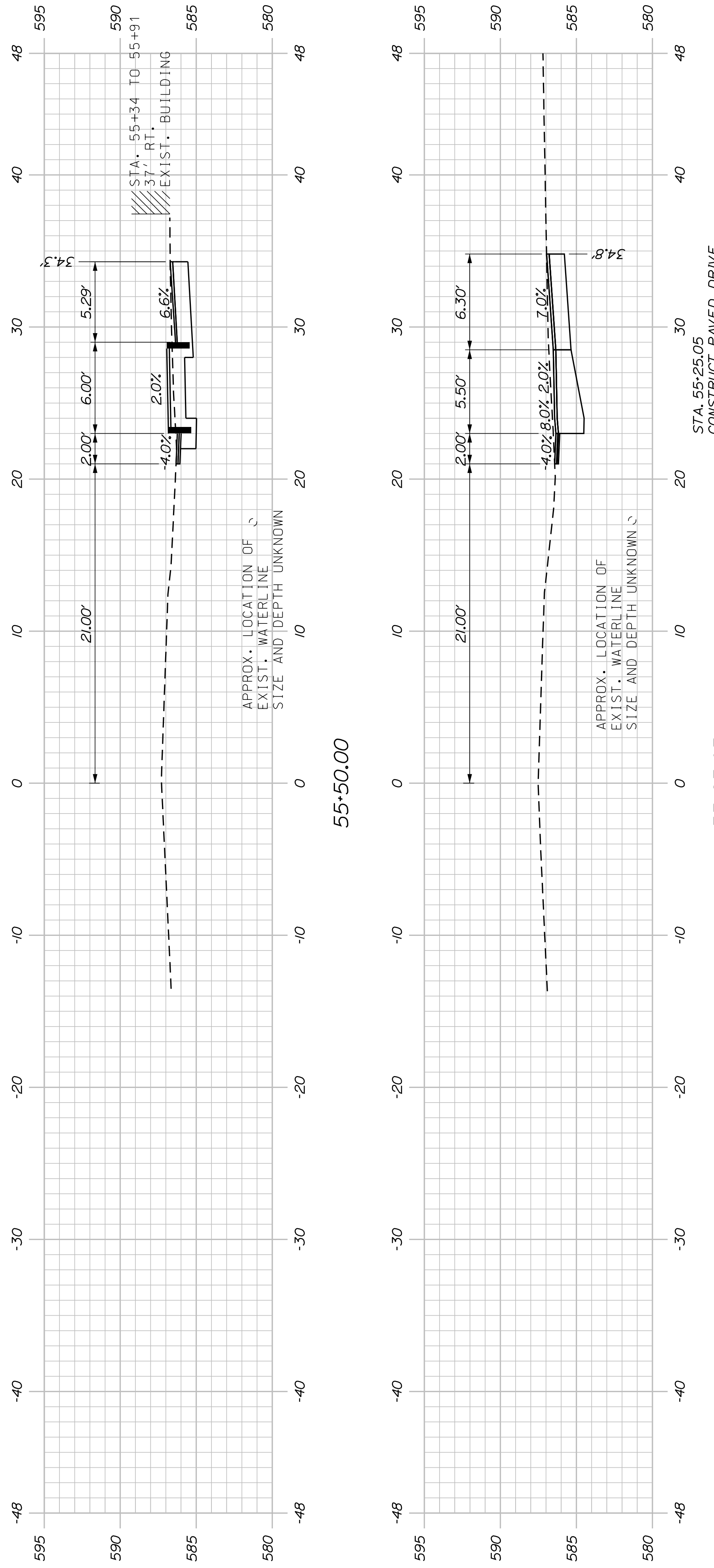
SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-1888(200)
PIN 018882.00
HIGHWAY PLANS



KINGFIELD STATE ROUTE 142		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
CROSS SECTIONS		TAP-1888(200)	
SHEET NUMBER	23	PIN	018882.00
OF 34		HIGHWAY PLANS	

PROJ. MANAGER	DANIEL LORING	BY	DATE
DESIGN/DETAILED	TFD	PIP	5/31/19
CHECKED/REVIEWED	LEW		12/20/18
DESIGNS/DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



SHEET NUMBER

24

OF 34

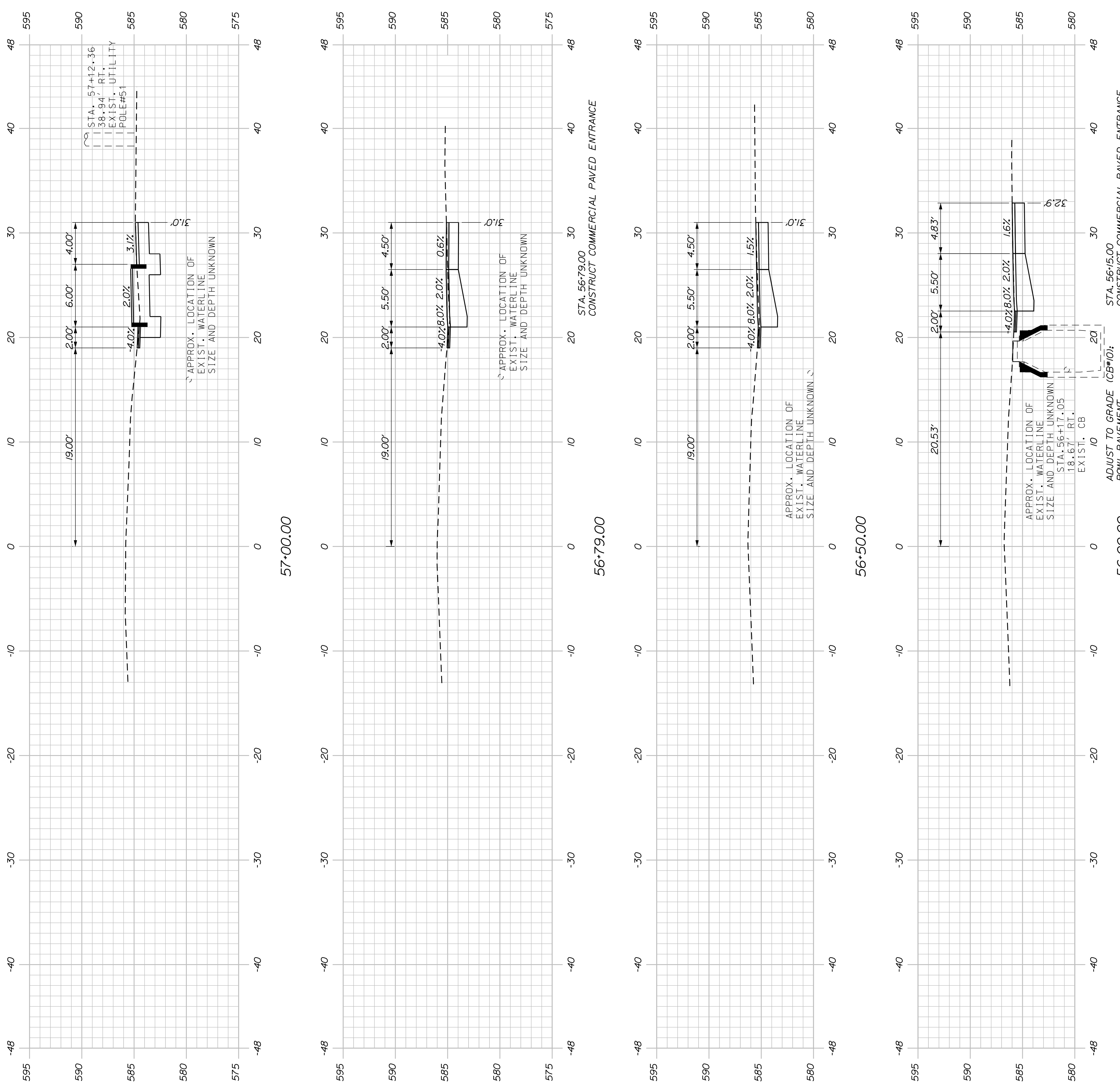
KINGFIELD
STATE ROUTE 142

CROSS SECTIONS

PROJ. MANAGER	DANIEL LORING	BY	PLP	DATE	5/31/19
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DESIGN-DETAILED		DESIGN-DETAILED		REVISIONS 1	
		REVISIONS 2		REVISIONS 3	
		REVISIONS 4		FIELD CHANGES	

SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-1888(200)
PIN 018882.00
HIGHWAY PLANS



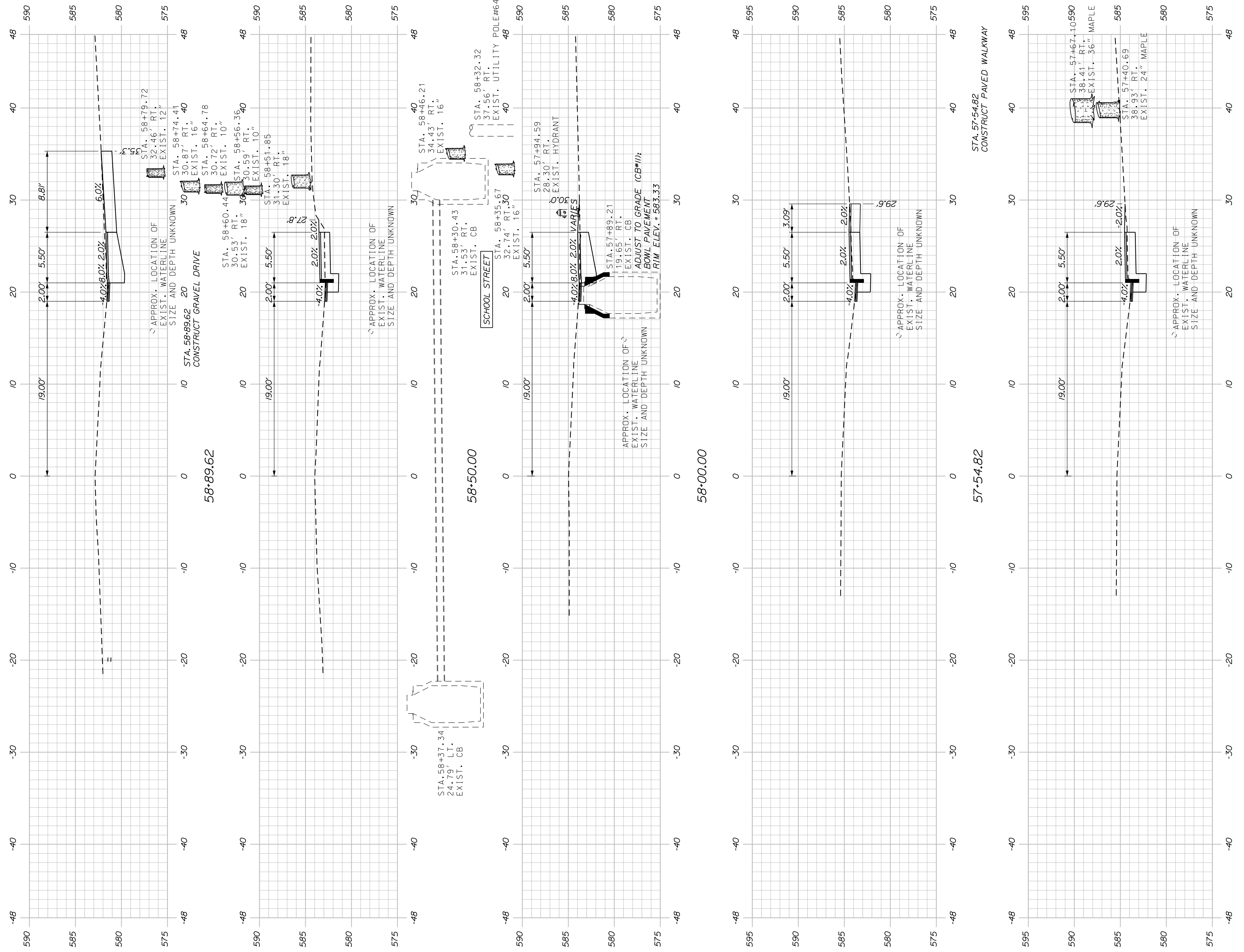
DEPOT STREET STA. 56+00.00 TO STA. 57+00.00

SHEET NUMBER
25
OF 34

KINGFIELD
STATE ROUTE 142
CROSS SECTIONS

PROJ. MANAGER	DANIEL LORING	BY	DATE
DESIGN-DETAILED	PLP	5/3/19	12/20/18
CHECKED-REVIEWED	LEW	SIGNATURE	
DESIGN-DETAILED		P.E. NUMBER	
REVISIONS 1		DATE	
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-1888(200)
PIN 018882.00
HIGHWAY PLANS



58+50.00

58+00.00

57+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-1888(200)

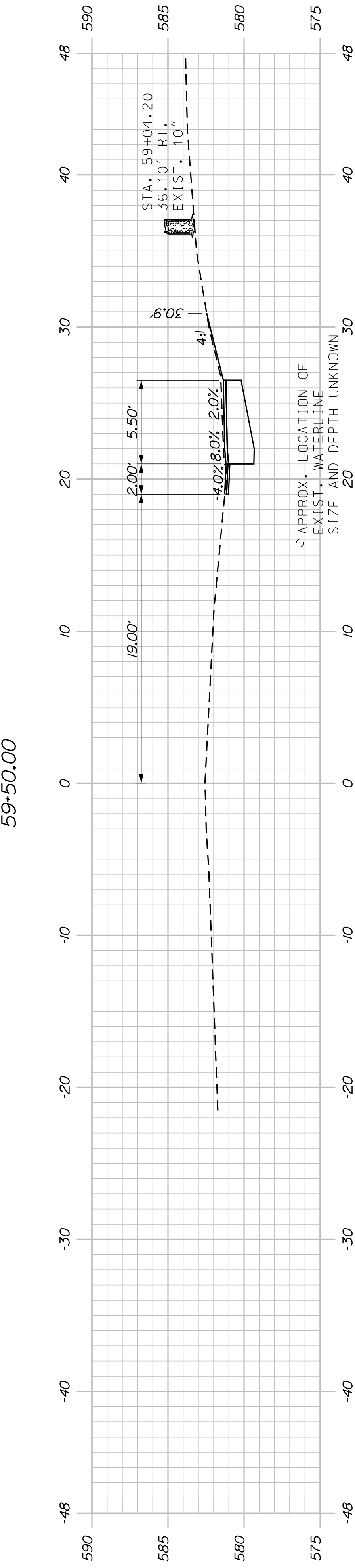
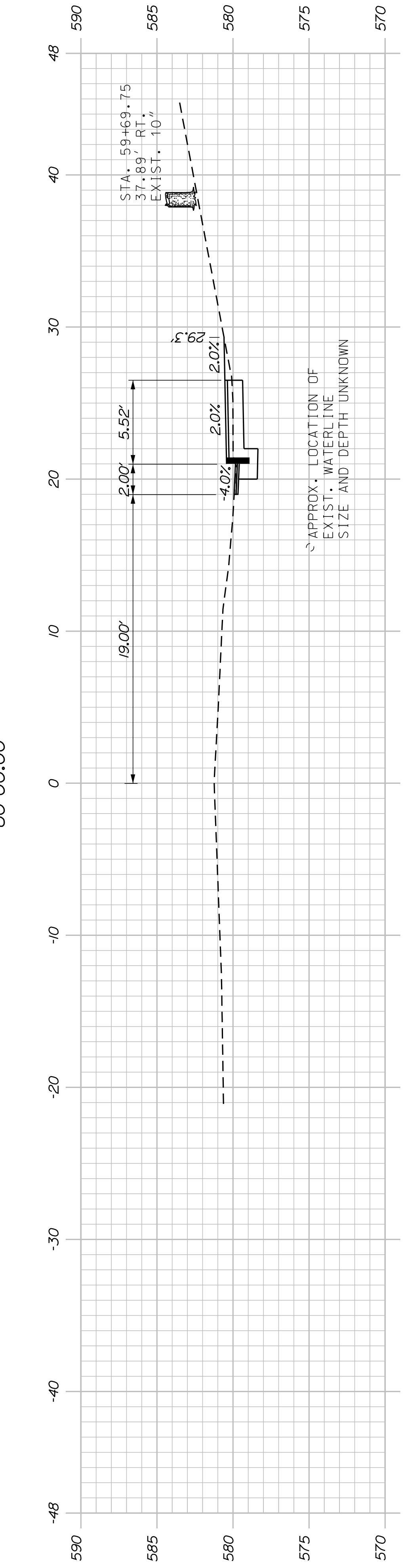
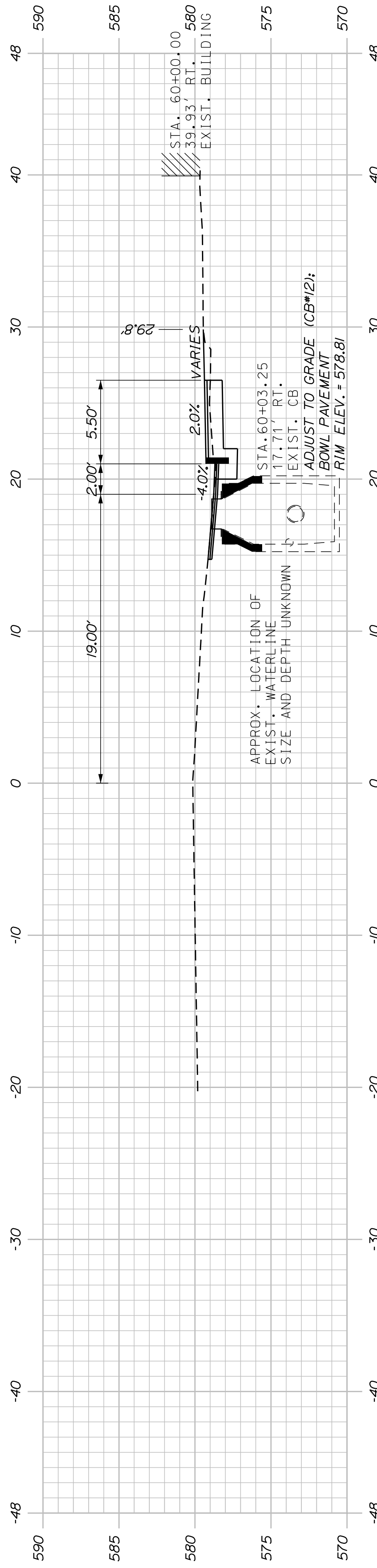
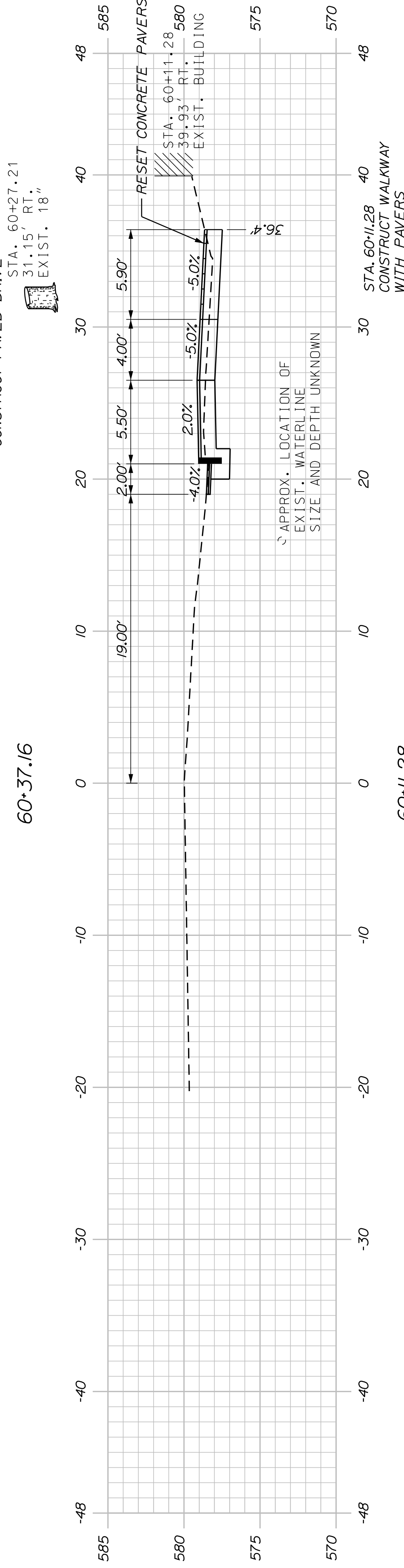
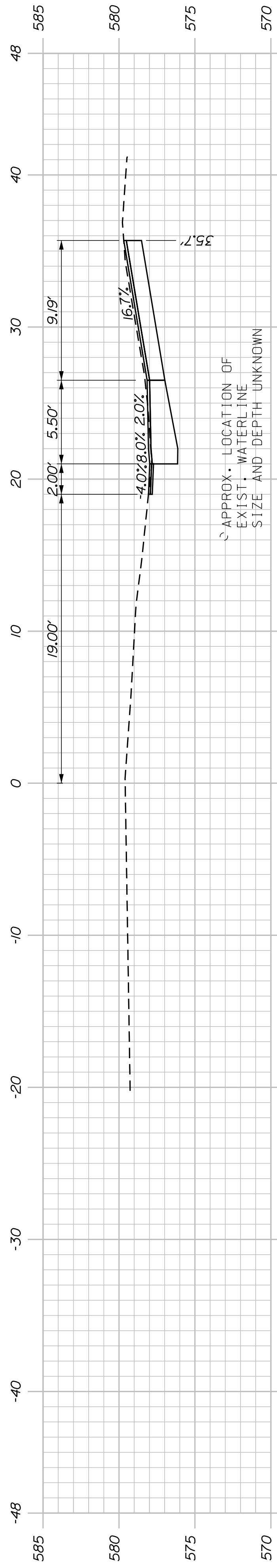
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DESIGN-DETAILED: TED LEM
CHECKED-REVIEWED: LEM
DESIGN-DETAILED:
REVISIONS 1:
REVISIONS 2:
REVISIONS 3:
REVISIONS 4:
FIELD CHANGES:

DATE: 5/31/19
BY: PIP
SIGNATURE:
P.E. NUMBER:
DATE:

KINGFIELD
STATE ROUTE 142
CROSS SECTIONS

SHEET NUMBER
26
OF 34

PIN
018882.00
HIGHWAY PLANS



SHEET NUMBER

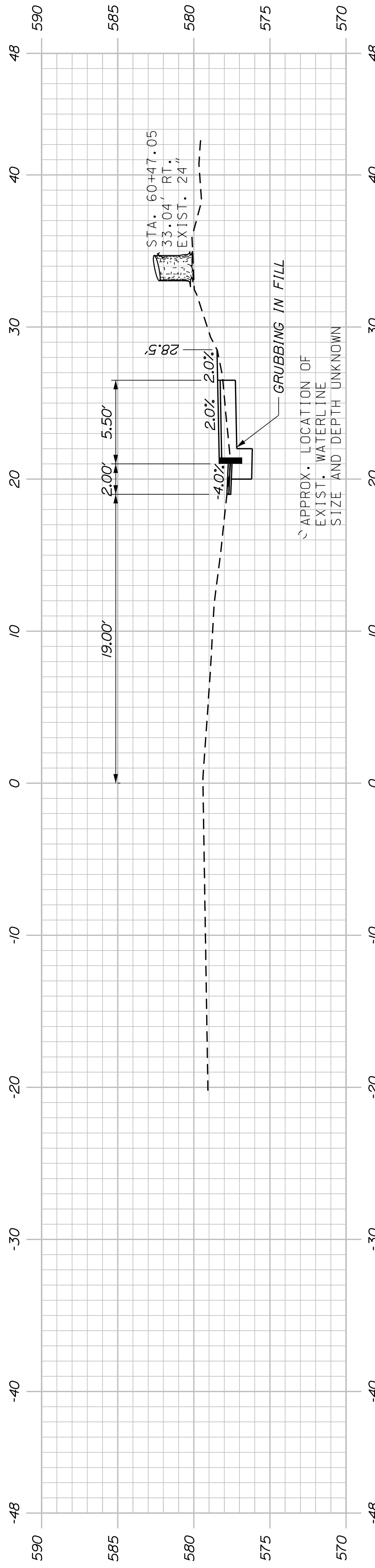
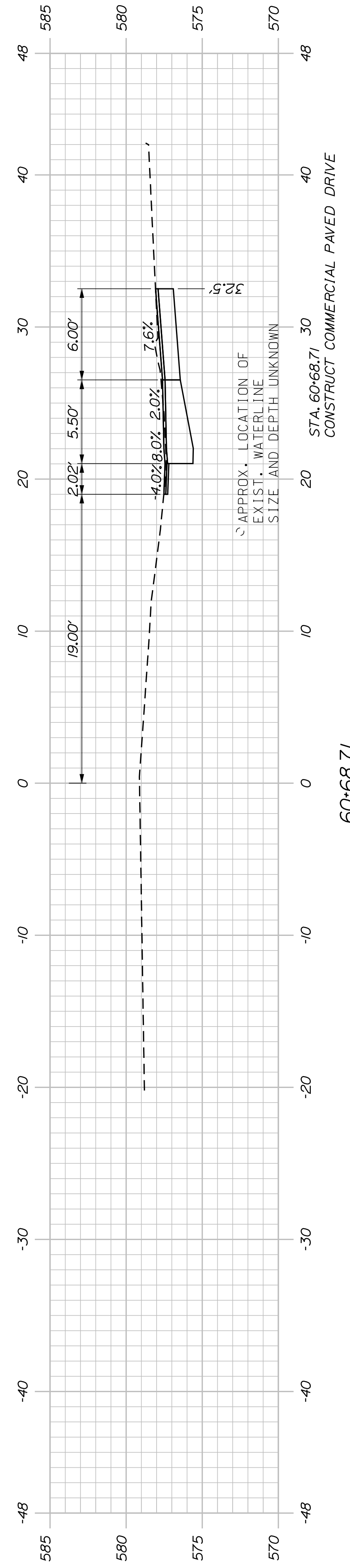
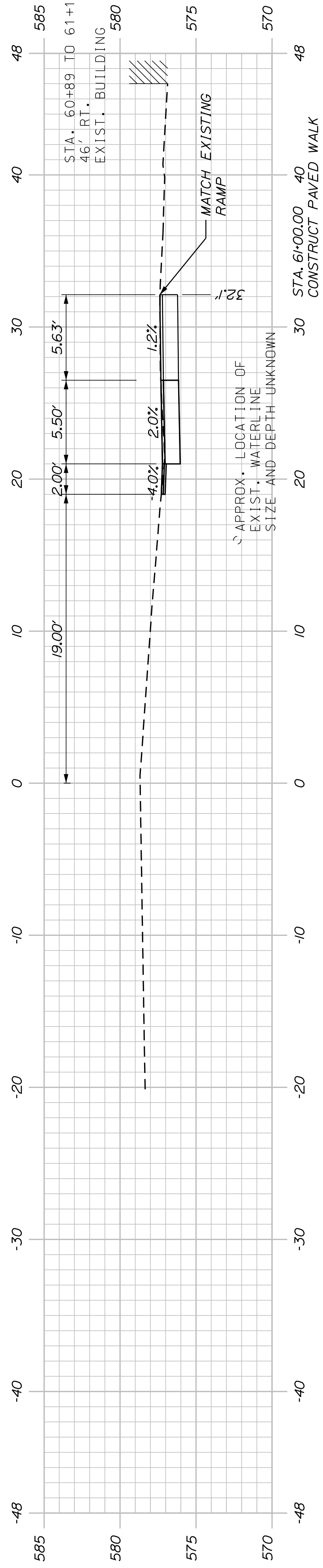
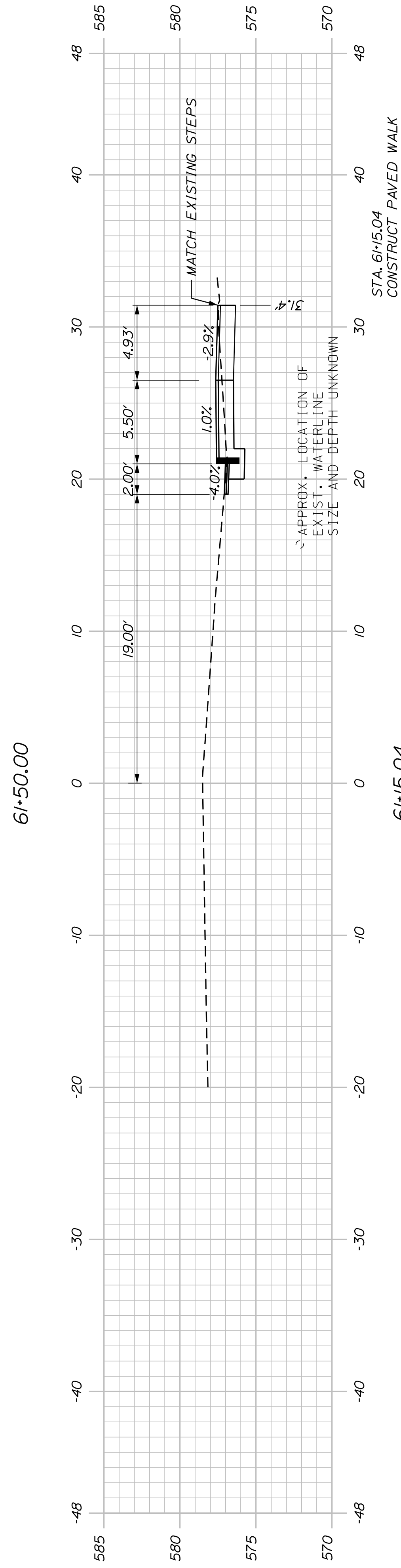
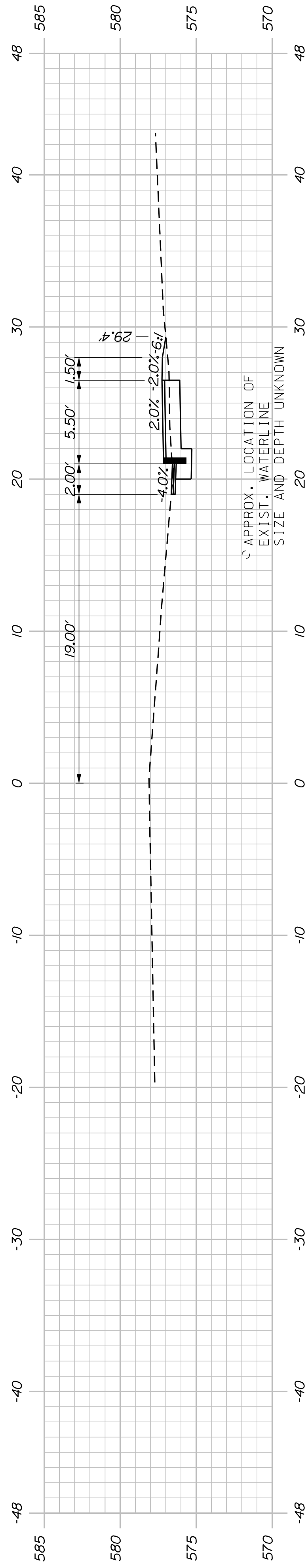
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OF 34

KINGFIELD
STATE ROUTE 142
CROSS SECTIONS

PROJ. MANAGER	DANIEL LORING	BY	PLP	DATE	5/31/19
DESIGN DETAILED	TFD	CHECKED-REVIEWED	LEW	DATE	12/20/18
DESIGNS DETAILED		DESIGNS DETAILED		SIGNATURE	
REVISIONS 1		REVISIONS 1		P.E. NUMBER	
REVISIONS 2		REVISIONS 2		DATE	
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
TAP-1888(200)
PIN 018882.00
HIGHWAY PLANS



SHEET NUMBER

28

OF 34

KINGFIELD
STATE ROUTE 142

CROSS SECTIONS

60+50.00

PROJ. MANAGER	DANIEL LORING	BY	PLP	DATE	5/31/19
DESIGN-DETAILED	TFD	CHECKED-REVIEWED	LEW	DESIGNED-DETAILED	12/20/18
DESIGNED-DETAILED		DESIGNED-DETAILED		REVISIONS 1	
		REVISIONS 2		REVISIONS 3	
		REVISIONS 4		FIELD CHANGES	

SIGNATURE

P.E. NUMBER

DATE

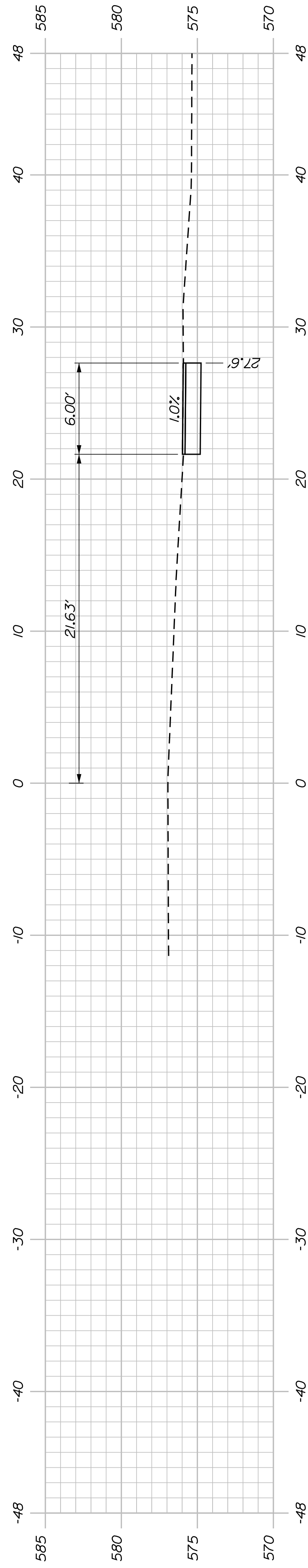
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

TAP-1888(200)

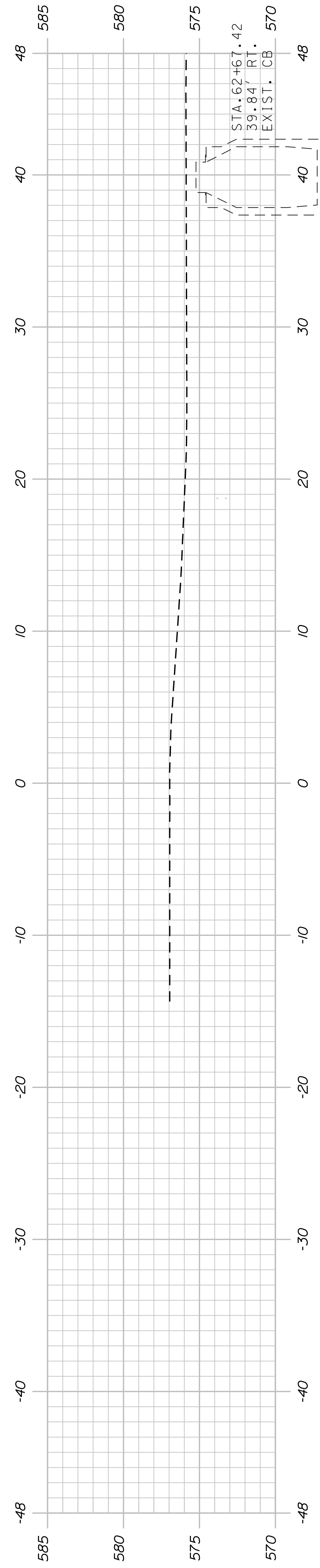
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HIGHWAY PLANS

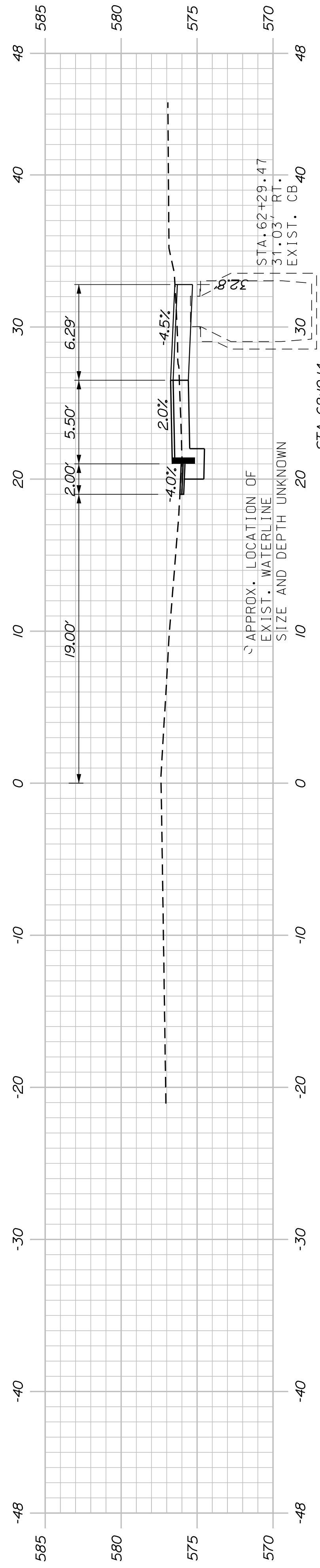
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 END PROJECT
 LIMIT OF WORK
 MATCH EXISTING SIDEWALK



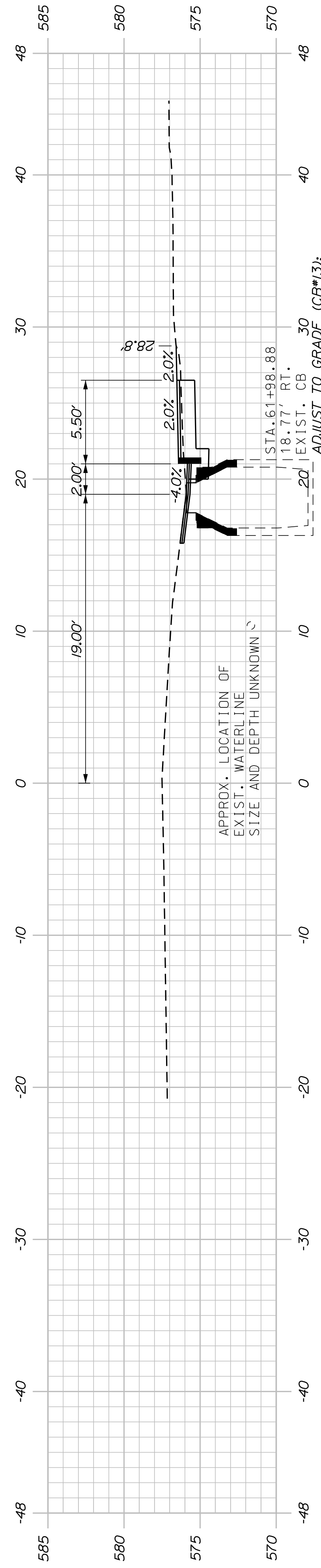
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62+00.00

SHEET NUMBER
29
 OF 34

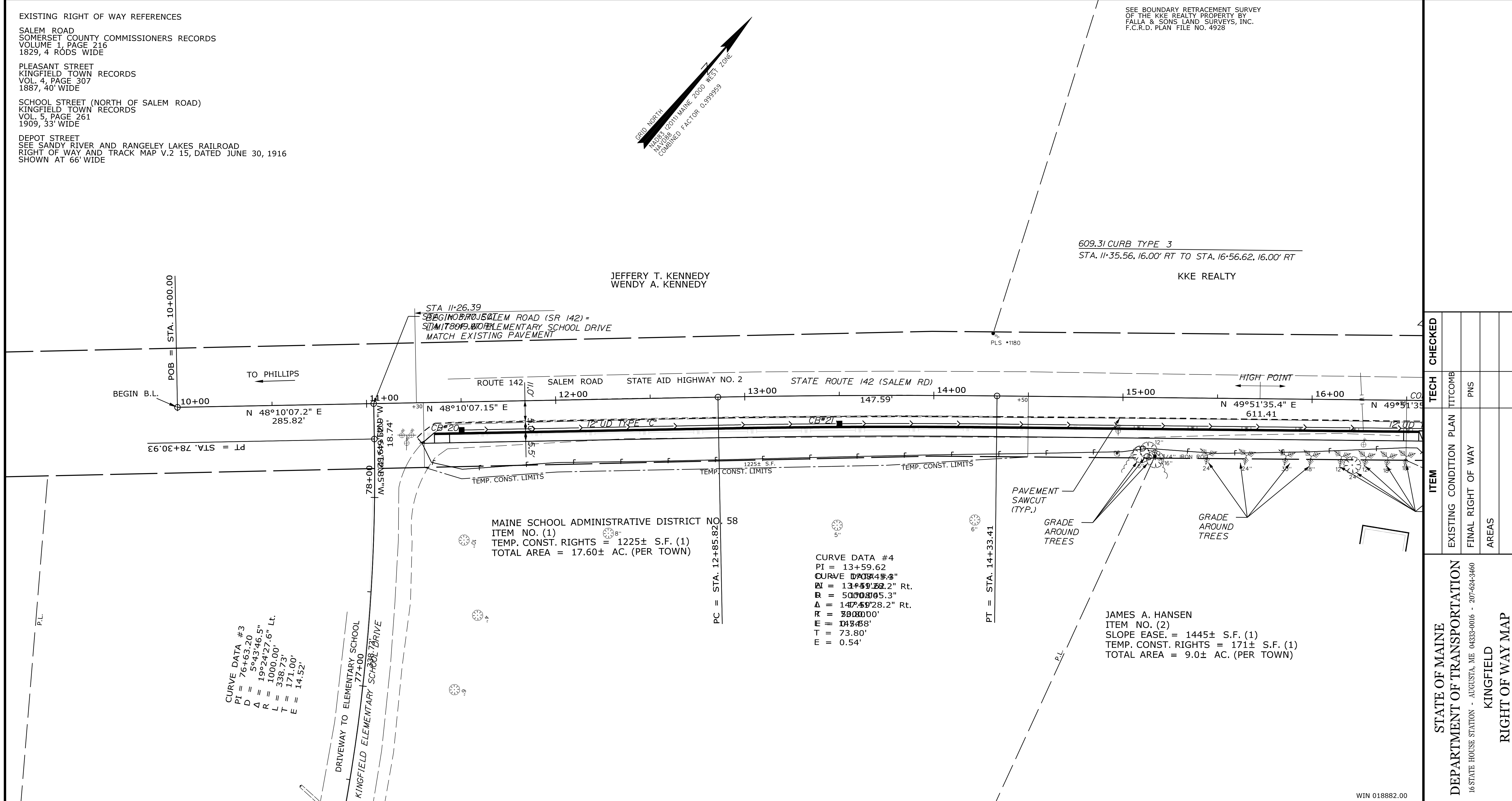
KINGFIELD
 STATE ROUTE 142
 CROSS SECTIONS

PROJ. MANAGER	DANIEL LORING	BY		DATE	
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CHECKED/REVIEWED	LEW			12/20/18	
DESIGN/DETAILED					SIGNATURE
REVISIONS 1					P.E. NUMBER
REVISIONS 2					DATE
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
TAP-1888(200)
 PIN
 018882.00
 HIGHWAY PLANS

Filename: ... \00\ROW\MSTA002_RWPLAN2.dgn Division: multimode Username: daniel.moring Date: 9/26/2019

<p>Town, County, State _____ Approx. Property Lines _____ Existing Right of Way _____ Limits of Wrought Portion _____ Control Of Access _____ New Right of Way _____ New Easement _____ New Temporary Rights _____ New R/W Within Existing R/W _____</p>	<p>New R/W Along Existing R/W _____ Building _____ Trees Conifer _____ Tree Line _____ Water Edge _____ Ledge _____ Fence _____ Sign _____</p>	<p>Clearing Limit Line _____ Bush Line _____ Rock/Boulder _____ Flag Pole _____ BARB WIRE _____ STOCKADE _____ WELL _____ Mailbox _____</p>	<p>PLAN LEGEND</p> <table border="0"> <tr> <td>Sanitary Sewer</td> <td>Existing</td> <td>Proposed</td> </tr> <tr> <td>Telephone Line</td> <td>Existing</td> <td>Proposed</td> </tr> <tr> <td>Electric Line</td> <td>Existing</td> <td>Proposed</td> </tr> <tr> <td>Water Line</td> <td>Existing</td> <td>Proposed</td> </tr> <tr> <td>Underdrain Line</td> <td>Existing</td> <td>Proposed</td> </tr> <tr> <td>Gas Line</td> <td>Existing</td> <td>Proposed</td> </tr> <tr> <td>Guardrail</td> <td>Existing</td> <td>Proposed</td> </tr> <tr> <td>Culvert</td> <td>Existing</td> <td>Proposed</td> </tr> </table>	Sanitary Sewer	Existing	Proposed	Telephone Line	Existing	Proposed	Electric Line	Existing	Proposed	Water Line	Existing	Proposed	Underdrain Line	Existing	Proposed	Gas Line	Existing	Proposed	Guardrail	Existing	Proposed	Culvert	Existing	Proposed	<p>Cut Line _____ Stonewall _____ Baseline _____ Monument _____ Iron Rod Found _____ Replacement Pin Set _____</p> <p>Fill Line _____ Retaining Wall _____ Traverse Point _____ Pipe Found _____</p>	<p>STATE OF MAINE REGISTRY OF DEEDS</p> <p>COUNTY _____ RECEIVED _____ at _____ h _____ m _____ M and recorded in _____ Plan Book _____, Page _____ Attest: _____ REGISTER</p>	<p>THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ADJACENT PROPERTY OWNERS.</p> <p>25 0 25 50 75 100 Scale of Feet</p>
Sanitary Sewer	Existing	Proposed																												
Telephone Line	Existing	Proposed																												
Electric Line	Existing	Proposed																												
Water Line	Existing	Proposed																												
Underdrain Line	Existing	Proposed																												
Gas Line	Existing	Proposed																												
Guardrail	Existing	Proposed																												
Culvert	Existing	Proposed																												



REVISIONS	PLAN FILED IN PLAN BOOK	PAGE	COUNTY RECORD	DAVID BERNHARDT COMMISSIONER	STATE AID HIGHWAY NO. 2
NO. DATE DESCRIPTION BY	NO. GRANTOR	INSTRUMENT	DATE BOOK PAGE	JOYCE NOEL TAYLOR CHIEF ENGINEER	ROUTE 142 SALEM ROAD
					KINGFIELD FRANKLIN COUNTY
					FEDERAL AID PROJECT NO. TAP-1888(200)
					SHEET NUMBER
					30
					OF 34
					D.O.T. FILE NO. 4-270

Town, County, State _____
 Approx. Property Lines _____
 Existing Right of Way _____
 Limits of Wrought Portion _____
 Control Of Access _____
 New Right of Way _____
 New Easement _____
 New Temporary Rights _____
 New R/W Within Existing R/W _____

New R/W Along Existing R/W _____
 Building _____
 Trees Conifer _____
 Tree Line _____
 Water Edge _____
 Ledge _____
 Fence _____
 Sign _____

PLAN LEGEND
 Existing _____
 Proposed _____
 Sanitary Sewer _____
 Telephone Line _____
 Electric Line _____
 Water Line _____
 Underdrain Line _____
 Gas Line _____
 Guardrail _____
 Culvert _____

Travelled Way _____
 Ditch _____
 Catch Basin _____
 Manhole _____
 Sewer Manhole _____
 Utility Pole _____
 Fire Hydrant _____
 Curbing _____

Cut Line _____
 Stonewall _____
 Baseline _____
 Monument _____
 Iron Rod Found _____
 Replacement Pin Set _____

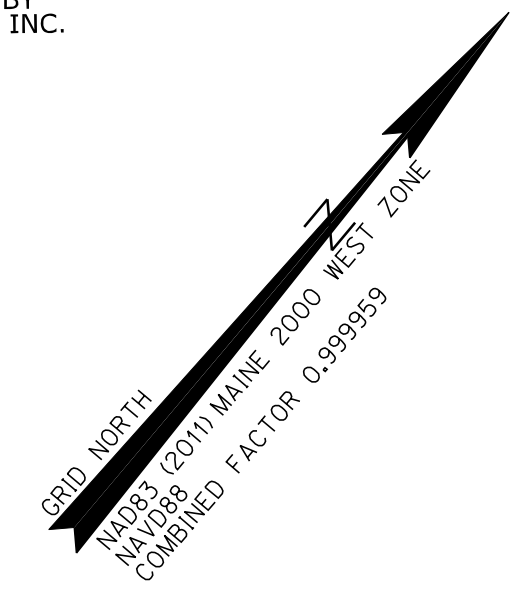
STATE OF MAINE
 REGISTRY OF DEEDS
 COUNTY RECEIVED _____
 at _____ h _____ m _____ M and recorded in _____
 Plan Book _____, Page _____
 Attest: _____ REGISTER

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ADJACENT PROPERTY OWNERS.

25 0 25 50 75 100
 Scale of Feet

EXISTING RIGHT OF WAY REFERENCES
 SALEM ROAD
 SOMERSET COUNTY COMMISSIONERS RECORDS
 VOLUME 1, PAGE 216
 1829, 4 RODS WIDE
 PLEASANT STREET
 KINGFIELD TOWN RECORDS
 VOL. 4, PAGE 307
 1887, 40' WIDE
 SCHOOL STREET (NORTH OF SALEM ROAD)
 KINGFIELD TOWN RECORDS
 VOL. 5, PAGE 261
 1909, 33' WIDE
 DEPOT STREET
 SEE SANDY RIVER AND RANGELEY LAKES RAILROAD
 RIGHT OF WAY AND TRACK MAP V.2 15, DATED JUNE 30, 1916
 SHOWN AT 66' WIDE

SEE BOUNDARY RETRACEMENT SURVEY
 OF THE KKE REALTY PROPERTY BY
 FALLA & SONS LAND SURVEYS, INC.
 F.C.R.D. PLAN FILE NO. 4928



609.31 CURB TYPE 3
 STA. 23+54.08, 16.00' RT TO STA. 25+07.80, 18.57' RT
 STA. 25+57.20, 18.08' RT TO STA. 26+08.98, 16.00' RT
 STA. 26+34.98, 16.00' RT TO STA. 27+16.46, 16.00' RT
 STA. 28+57.91, 18.00' RT TO STA. 28+77.10, 10.73' RT

607.22 CEDAR RAIL FENCE
 STA. 23+55.85, 24.63' RT TO STA. 24+11.85, 24.63' RT
 STA. 26+40.14, 24.63' RT TO STA. 27+12.14, 24.63' RT

DRIVES & ENTRANCES
 STA. 23+46.04 RT GRAVEL
 STA. 26+24.93 RT PAVED
 STA. 27+29.47 RT PAVED

201.23 REMOVING SINGLE TREE TOP
 STA. 28+28 RT

201.24 REMOVING STUMP
 STA. 26+97 RT
 STA. 28+28 RT

645.271 REG. WRNG. CONF & RTE ASSEMBLY SIGNS, TYPE
 STA. 25+55 RT RI-1

606.47 SINGLE WOOD POST
 STA. 23+59 RT

609.31 CURB TYPE 3
 STA. 51+24.15, 13.50' RT TO STA. 51+71.76, 13.50'
 STA. 51+97.76, 13.85' RT TO STA. 52+30.00, 13.1'
 645.106 DEMOUNT REG. WRNG. CONF & RTE
 645.116 REINSTALL REG. WRNG. CONF & RTE
 STA. 53+50 RT
 645.108 DEMOUNT POLE
 645.118 REINSTALL POLE
 STA. 53+50 RT

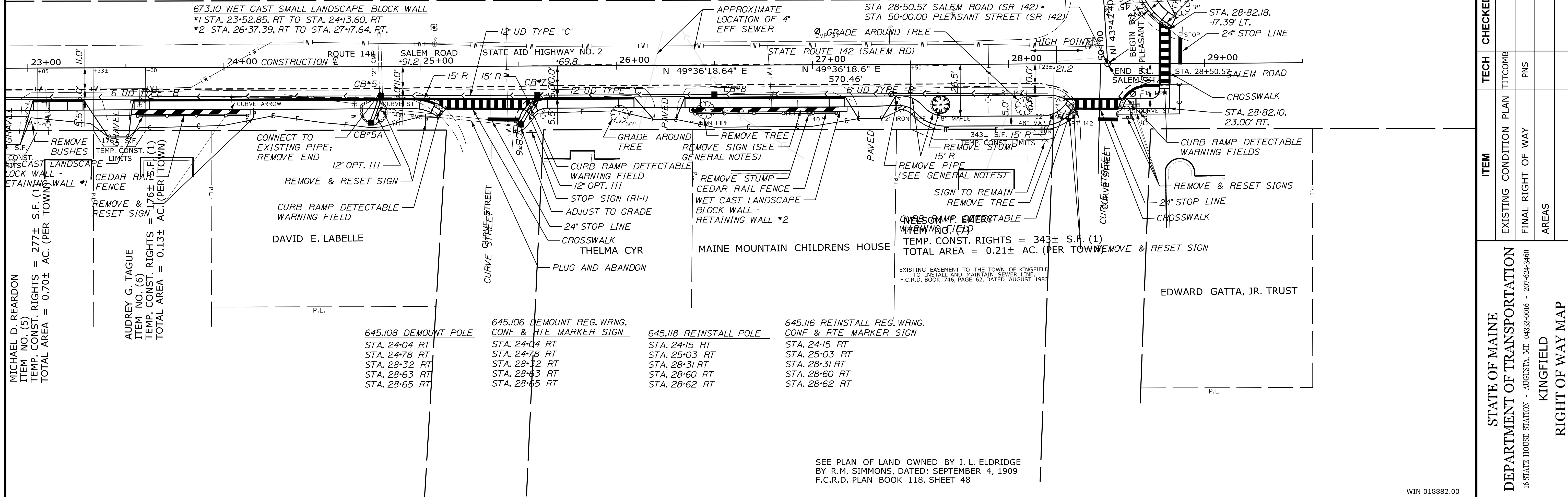
609.31 CURB TYPE 3
 STA. 51+24.15, 13.50' RT TO STA. 51+71.76, 13.50'
 STA. 51+97.76, 13.85' RT TO STA. 52+30.00, 13.1'
 645.106 DEMOUNT REG. WRNG. CONF & RTE
 645.116 REINSTALL REG. WRNG. CONF & RTE
 STA. 53+50 RT
 645.108 DEMOUNT POLE
 645.118 REINSTALL POLE
 STA. 53+50 RT

CATHY A. GRIMES
 ROBERT ALDEN MARSHALL
 SHEILA ANN GRIMES
 N/K/A SHEILA ANN MARSHALL
 ITEM NO. (8)
 CONST. AND MAINT. EASE. = 0.05± AC. (1)
 TEMP. CONST. RIGHTS = 349± S.F. (1)
 TOTAL AREA = 0.51± AC. (PER TOWN)

EXISTING EASEMENT TO THE TOWN OF KINGFIELD
 TO INSTALL AND MAINTAIN SEWER LINE AND DRAINAGE FIELD SYSTEM
 SET OUT BY R.M. SIMMONS, DATED SEPTEMBER 4, 1909
 F.C.R.D. BOOK 738, PAGE 12, DATED JUNE 1983

10' WIDE RIGHT OF WAY TO OTHERS

673.10 WET CAST SMALL LANDSCAPE BLOCK WALL
 #1 STA. 23+52.85, RT TO STA. 24+13.60, RT
 #2 STA. 26+37.39, RT TO STA. 27+17.64, RT.



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ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	TITCOMB	
FINAL RIGHT OF WAY		PMS
AREAS		

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
 KINGFIELD
 RIGHT OF WAY MAP

REVISIONS			PLAN FILED IN PLAN BOOK				PAGE COUNTY RECORD					
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	DATE	BOOK	PAGE

DAVID BERNHARDT
 COMMISSIONER
 JOYCE NOEL TAYLOR
 CHIEF ENGINEER

DATE _____

STATE AID HIGHWAY NO. 2
 ROUTE 142 SALEM ROAD
 KINGFIELD FRANKLIN COUNTY
 FEDERAL AID PROJECT NO. TAP-1888(200)

JUNE 2018 RIGHT-OF-WAY MAP
 SCALE 1" = 25' SHEET 3 OF 5

D.O.T. FILE NO. 4-270

SHEET NUMBER
32
 OF 34

WIN 018882.00

