

May 27, 2020

Mr. Jon Boynton, Planner  
City of Belfast  
131 Church Street  
Belfast, Maine 04915

Subject: Bangor Savings Bank Parking Lot Improvements  
Site Plan Permit Amendment  
Belfast, Maine

Dear Mr. Boynton:

On behalf of Bangor Savings Bank (Bank), Sevee & Maher Engineers, Inc. (SME) is pleased to present the attached site plan outlining proposed parking lot improvements at the Bangor Savings Bank (BSB) branch office located at 7 Belmont Avenue in Belfast, Maine. The existing facility is regulated by a site plan permit issued by the City of Belfast (City) in 2004, and modifications to the approved site plan require approval by the Planning Board.

The Belfast facility is one of BSB's largest branch offices with 20 staff members and a high transaction volume. Existing site development includes 23 parking spaces, granite curbing, concrete sidewalks, catch basins, and a closed storm drain system. Two of the existing parking spaces are reserved for handicapped parking. The existing facility does not include a designated area for a dumpster enclosure.

Proposed site improvements are designed to improve parking and building accessibility in response to comments from handicapped and elderly BSB patrons. Pavement grades at the existing handicapped parking spaces approach 3.5 percent, which can be difficult to navigate for customers with disabilities and do not conform to current ADA guidelines. The existing ramp from the parking area is also located approximately 50 feet from the building entrance. Relocation of ADA parking will reduce the travel distance by 20 feet and provide ADA compliant parking spaces and safe building access for BSB customers.

Additional site improvements include five additional customer parking spaces, minor pavement maintenance to improve drainage for surface runoff, and a designated dumpster pad and enclosure for building waste.



The proposed improvements are detailed on the attached drawing set. We look forward to reviewing the project in more detail with the Planning Board on June 10<sup>th</sup> and appreciate your consideration of our application. Please feel free to contact me at 207.829.5016 or [jtr@smemaine.com](mailto:jtr@smemaine.com) if you have any questions or need additional information.

Very truly yours,

SEVEE & MAHER ENGINEERS, INC.

A handwritten signature in black ink, appearing to read "JR", written over the company name.

Jeffrey Road, P.E.  
Project Manager

Attachments

# BANGOR SAVINGS BANK PARKING LOT IMPROVEMENTS BELFAST, MAINE

TITLE	DWG NO
COVER SHEET	
GENERAL NOTES, LEGEND, AND ABBREVIATIONS	C-100
EXISTING CONDITIONS AND DEMOLITION PLAN	C-101
SITE LAYOUT AND GRADING AND DRAINAGE PLAN	C-102
EROSION CONTROL NOTES AND DETAILS	C-300
SECTIONS AND DETAILS	C-301

LOCATION MAP



ENVIRONMENTAL • CIVIL • GEOTECHNICAL • WATER • COMPLIANCE

4 Blanchard Road, PO Box 85A, Cumberland Center, Maine 04021  
Phone 207.829.5016 • Fax 207.829.5692 • smemaine.com



**GENERAL SITE NOTES:**

- EXISTING TOPOGRAPHY AND SITE FEATURES FROM GPS SURVEY PERFORMED ON APRIL 6, 2020, BY SEVEE & MAHER ENGINEERS, INC., CUMBERLAND, MAINE USING TOPCON HYPER V GPS TECHNOLOGY.
- HORIZONTAL DATUM: MAINE STATE PLANE COORDINATE SYSTEM EAST ZONE NAD 1983. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988. SITE ADJUSTED TO AN OPUS SOLUTION.
- HORIZONTAL AND VERTICAL DATUMS ADJUSTED USING OPUS (ONLINE POSITIONING USER SERVICE) SOLUTION.
- STANDARD PRACTICE DICTATES THAT PLANS COMPILED IN THIS MANNER SHOULD BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO ENGINEER. THE ACCURACY AND COMPLETENESS OF SUBSURFACE INFORMATION IS NOT GUARANTEED. VERIFY SITE CONDITIONS INCLUDING TEST PITS FOR LOCATIONS AND INVERTS OF UTILITIES AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO PROCEEDING WITH THAT PORTION OF THE WORK.

**GRADING NOTES:**

- ADD 4" LOAM, SEED AND MULCH TO DISTURBED AREAS UNLESS OTHERWISE NOTED. PROVIDE EROSION CONTROL MESH ON ALL SLOPES 6:1 OR STEEPER, AND ALONG DITCH CHANNELS.
- GRADE SURFACES TO DRAIN AWAY FROM BUILDING. PUDDLING OF WATER IN PAVED OR UNPAVED AREAS WILL NOT BE ACCEPTABLE, EXCEPT FOR AREAS DESIGNATED AS PONDS.
- MAINTAIN TEMPORARY EROSION CONTROL MEASURES FOR THE FULL DURATION OF CONSTRUCTION. INSPECT WEEKLY AND AFTER EACH STORM AND REPAIR AS NEEDED. REMOVE SEDIMENTS FROM THE SITE. PLACE IN AREA OF LOW EROSION POTENTIAL, AND STABILIZE WITH SEED AND MULCH.
- DISTURBED AREAS WILL BE PERMANENTLY STABILIZED WITHIN 7 DAYS OF FINAL GRADING. DISTURBED AREAS NOT TO BE WORKED UPON WITHIN 14 DAYS OF DISTURBANCE WILL BE TEMPORARILY STABILIZED WITHIN 7 DAYS OF THE DISTURBANCE.
- TOPSOIL ON SITE SHALL REMAIN THE PROPERTY OF BANGOR SAVINGS AND REMAIN ON SITE FOR THE DURATION OF CONSTRUCTION. EXCESS TOPSOIL SHALL BE REMOVED FROM THE SITE AFTER THE FINAL PLACEMENT OF LOAM.

**DIG SAFE NOTES:**

PRIOR TO EXCAVATION, VERIFY THE UNDERGROUND UTILITIES, PIPES, STRUCTURES AND FACILITIES. PROVIDE THE FOLLOWING MINIMUM MEASURES:

- PRE-MARK THE BOUNDARIES OF YOUR PLANNED EXCAVATION WITH WHITE PAINT, FLAGS OR STAKES, SO UTILITY CREWS KNOW WHERE TO MARK THEIR LINES.
- CALL DIG SAFE, AT 811, AT LEAST THREE BUSINESS DAYS - BUT NO MORE THAN 30 CALENDAR DAYS - BEFORE STARTING WORK. DO NOT ASSUME SOMEONE ELSE WILL MAKE THE CALL.
- IF BLASTING, NOTIFY DIG SAFE AT LEAST ONE BUSINESS DAY IN ADVANCE.
- WAIT THREE BUSINESS DAYS FOR LINES TO BE LOCATED AND MARKED WITH COLOR-CODED PAINT, FLAGS OR STAKES. NOTE THE COLOR OF THE MARKS AND THE TYPE OF UTILITIES THEY INDICATE. TRANSFER THESE MARKS TO THE AS-BUILT DRAWINGS.
- CONTACT THE LANDOWNER AND OTHER "NON-MEMBER" UTILITIES (WATER, SEWER, GAS, ETC.). FOR THEM TO MARK THE LOCATIONS OF THEIR UNDERGROUND FACILITIES. TRANSFER THESE MARKS TO THE AS-BUILT DRAWINGS.
- RE-NOTIFY DIG SAFE AND THE NON-MEMBER UTILITIES IF THE DIGGING, DRILLING OR BLASTING DOES NOT OCCUR WITHIN 30 CALENDAR DAYS, OR IF THE MARKS ARE LOST DUE TO WEATHER CONDITIONS, SITE WORK ACTIVITY OR ANY OTHER REASON.
- HAND DIG WITHIN 18 INCHES IN ANY DIRECTION OF ANY UNDERGROUND LINE UNTIL THE LINE IS EXPOSED. MECHANICAL METHODS MAY BE USED FOR INITIAL SITE PENETRATION, SUCH AS REMOVAL OF PAVEMENT OR ROCK.
- DIG SAFE REQUIREMENTS ARE IN ADDITION TO TOWN, CITY AND/OR STATE DOT STREET OPENING PERMIT REQUIREMENTS.
- FOR COMPLETE DIG SAFE REQUIREMENTS, CALL THE PUBLIC UTILITIES COMMISSION (PUC) AT 1-800-452-4699 OR VISIT WWW.STATE.ME.US/MPUC
- IF YOU DAMAGE, DISLOCATE OR DISTURB ANY UNDERGROUND UTILITY LINE, IMMEDIATELY NOTIFY THE AFFECTED UTILITY. IF DAMAGE CREATES SAFETY CONCERNS, CALL THE FIRE DEPARTMENT AND TAKE IMMEDIATE STEPS TO SAFEGUARD HEALTH AND PROPERTY.
- ANY TIME AN UNDERGROUND LINE IS DAMAGED OR DISTURBED OR IF LINES ARE IMPROPERLY MARKED, YOU MUST FILE AN INCIDENT REPORT WITH THE PUC FOR AN INCIDENT REPORT FORM VISIT WWW.STATE.ME.US/MPUC OR CALL THE PUC AT 1-800-452-4699.

**TYPICAL ABBREVIATIONS:**

ACCP	ASPHALT COATED CMP	D	DEGREE OF CURVE	HDPE	HIGH DENSITY POLYETHYLENE	PERF	PERFORATED
ACP	ASBESTOS CEMENT PIPE	DBL	DOUBLE	HORIZ	HORIZONTAL	PP	POWER POLE
AC	ACRE	DEG OR °	DEGREE	HP	HORSEPOWER	PSI	POUNDS PER SQUARE INCH
AGG	AGGREGATE	DEPT	DEPARTMENT	HYD	HYDRANT	PVC	POLYVINYL CHLORIDE
ALUM	ALUMINUM	DI	DUCTILE IRON	ID	INSIDE DIAMETER	PVMT	PAVEMENT
APPD	APPROVED	DIA	DIAMETER	IN OR "	INCHES	QTY	QUANTITY
APPROX	APPROXIMATE	DIM	DIMENSION	INV	INVERT		
ARMH	AIR RELEASE MANHOLE	DIST	DISTANCE	INV EL	INVERT ELEVATION		
ASB	ASBESTOS	DN	DOWN	LB	POUND	RCP	REINFORCED CONCRETE PIPE
ASP	ASPHALT	DR	DRAIN	LC	LEACHATE COLLECTION	ROW	RIGHT OF WAY
AUTO	AUTOMATIC	DWG	DRAWING	LD	LEAK DETECTION	RAD	RADIUS
AUX	AUXILIARY	EA	EACH	LF	LINEAR FEET	REQD	REQUIRED
AVE	AVENUE	EG	EXISTING GROUND OR GRADE	LD	LEAK DETECTION	RT	RIGHT
AZ	AZIMUTH	ELEC	ELECTRIC	LOC	LOCATION	RTE	ROUTE
		EL	ELEVATION	LT	LEACHATE TRANSPORT	S	SLOPE
BCCMP	BITUMINOUS COATED CMP	ELB	ELBOW	MH	MANHOLE	SCH	SCHEDULE
BM	BENCH MARK	EOP	EDGE OF PAVEMENT	MJ	MECHANICAL JOINT	SF	SQUARE FEET
BIT	BITUMINOUS	EQUIP	EQUIPMENT	MATL	MATERIAL	SFC	SLIPFORM CONCRETE CURB
BLDG	BUILDING	EST	ESTIMATED	MAX	MAXIMUM	SHT	SHEET
BOT	BOTTOM	EXC	EXCAVATE	MFR	MANUFACTURE	SMH	SANITARY MANHOLE
BRG	BEARING	EXIST	EXISTING	MIN	MINIMUM	ST	STREET
BV	BALL VALVE			MISC	MISCELLANEOUS	STA	STATION
		FI	FIELD INLET	MON	MONUMENT	SY	SQUARE YARD
CB	CATCH BASIN	FG	FINISH GRADE	NITC	NOT IN THIS CONTRACT	TAN	TANGENT
CEN	CENTER	FBRGL	FIBERGLASS	NTS	NOT TO SCALE	TDH	TOTAL DYNAMIC HEAD
CEM LIN	CEMENT LINED	FDN	FOUNDATION	N/F	NOW OR FORMERLY	TEMP	TEMPORARY
CMP	CORRUGATED METAL PIPE	FLEX	FLEXIBLE	NO OR #	NUMBER	TYP	TYPICAL
CMP	CLEAN OUT	FLG	FLANGE			UD	UNDERDRAIN
CF	CUBIC FEET	FLR	FLOOR			V	VOLTS
CFS	CUBIC FEET PER SECOND	FPS	FEET PER SECOND			VA TEE	VALVE ANCHORING TEE
CI	CAST IRON	FT OR '	FEET	OC	ON CENTER	VERT	VERTICAL
CL	CLASS	FTG	FOOTING	OD	OUTSIDE DIAMETER	VGC	VERTICAL GRANITE CURB
CONC	CONCRETE	GA	GAUGE	PC	POINT OF CURVE	WG	WATER GATE
CONST	CONSTRUCTION	GAL	GALLON	PD	PERIMETER DRAIN	W/	WITH
CONTR	CONTRACTOR	GALV	GALVANIZED	PI	POINT OF INTERSECTION	W/O	WITHOUT
CS	CURB STOP	GPD	GALLONS PER DAY	PTV	POST INDICATOR VALVE	YD	YARD
CTR	CENTER	GPM	GALLONS PER MINUTE				
CU	COPPER						
CY	CUBIC YARD						

**LEGEND**

<b>EXISTING</b>		<b>PROPOSED</b>
	PROPERTY LINE	
	BUILDING	
	CONCRETE	
	EDGE OF PAVEMENT	
	CURB	
	DETECTABLE WARNING PAD	
	CONTOUR	
	SPOT GRADE	
	SIGN	
	FENCE	
	CATCH BASIN	
	STORM DRAIN	
	UTILITY POLE	
	CHAIN LINK FENCE	
	GUARDRAIL	
	LIGHT POLE	
	BORING	
	DEMOLITION AREA	
	SILT FENCE	
	SILT SACK	
	STABILIZED CONSTRUCTION ENTRANCE/EXIT	

	<b>BANGOR SAVINGS BANK PARKING LOT IMPROVEMENTS BELFAST, MAINE</b>		
	<b>GENERAL NOTES, LEGEND, AND ABBREVIATIONS</b>		
<p>ENVIRONMENTAL • CIVIL • GEOTECHNICAL • WATER • COMPLIANCE</p> <p>4 Blanchard Road, PO Box 85A, Cumberland, Maine 04021 Phone 207.829.5016 • Fax 207.829.5692 • smemaine.com</p>	DESIGN BY: JTR	DRAWN BY: SJM	
	DATE: 5/2020	CHECKED BY: BDP	LMN: NONE
	CTB: SME-STD	JOB NO. 20208	DWG FILE GEN-NOT
			<b>C-100</b>

REV.	BY	DATE	STATUS
		5/2020	ISSUED FOR PLANNING BOARD REVIEW



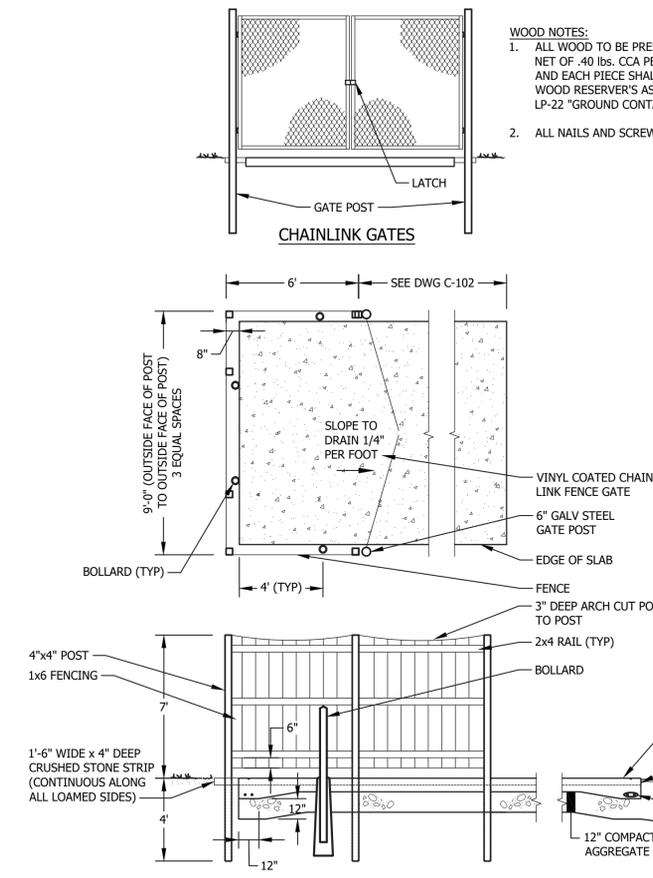




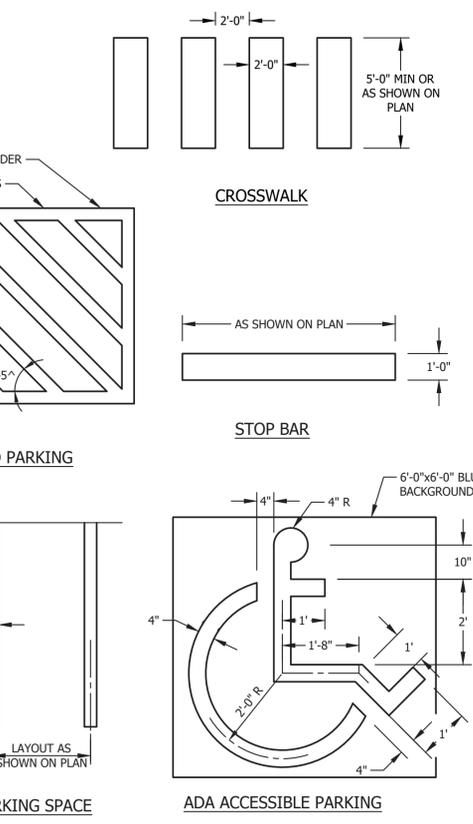
CONSTRUCTION	USE
	<b>BITUMINOUS</b> ACCESS ROAD PARKING LOT
	<b>CONCRETE</b> PLAZA & SIDEWALKS
	<b>GRASS</b> ALL DISTURBED/ LANDSCAPED AREAS
	<b>CONCRETE</b> DUMPSTER PAD

- NOTES:
- HMA = HOT MIX ASPHALT.  
MDOT = MAINE DEPARTMENT OF TRANSPORTATION.
  - ALL COURSE THICKNESS AFTER FINAL COMPACTION.

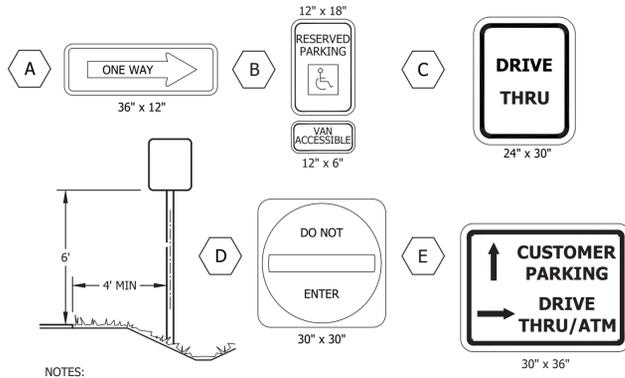
**SCHEDULE OF SURFACE FINISHES**  
NTS



- WOOD NOTES:**
- ALL WOOD TO BE PRESSURE TREATED TO A MIN NET OF .40 LBS. CCA PER CUBIC FOOT OF WOOD AND EACH PIECE SHALL BEAR THE AMERICAN WOOD RESERVER'S ASSOCIATES QUALITY MARK LP-22 "GROUND CONTACT USE"
  - ALL NAILS AND SCREWS TO BE GALVANIZED

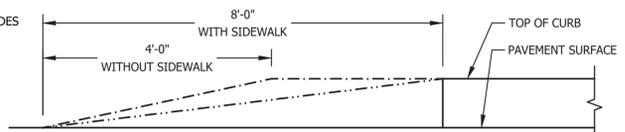


**STRIPING**  
NTS

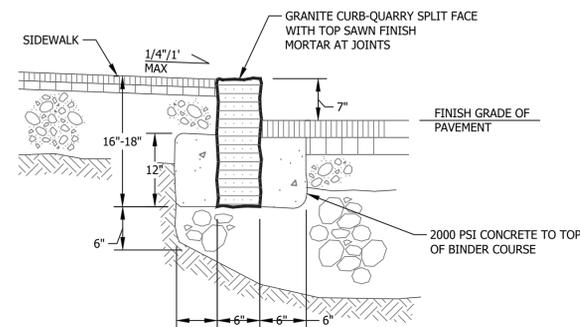


- NOTES:
- SIGNS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, HIGHWAYS AND BRIDGES REVISION OF DECEMBER 2002, SECTION 645.
  - ALL PERMANENT SIGNS ON THIS PROJECT ARE CLASSIFIED UNDER SECTION 645.03(b) TYPE 1 REGULATORY WARNING AND ROUTE MARKER ASSEMBLY SIGNS.
  - SIGN MATERIAL SHALL BE AS SPECIFIED IN SECTION 719 OF THE MDOT STANDARD SPECIFICATIONS.
  - POSTS SHALL BE METAL CHANNELS AS SPECIFIED IN SECTION 720.08. ALTERNATE POSTS MAY BE 4"x6" WOOD AS SPECIFIED IN SECTION 720.12, AS APPROVED BY ENGINEER.
  - POSTS IN THE PUBLIC RIGHT-OF-WAY TO BE ON BREAKAWAY POSTS AS SPECIFIED IN SECTION 720 OF THE MDOT STANDARD SPECIFICATIONS.

**ROAD SIGN**  
NTS

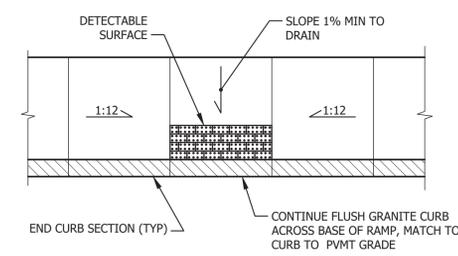
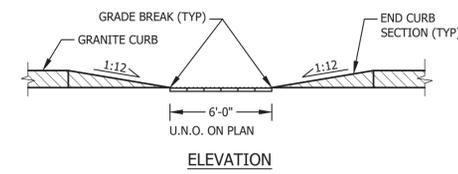


**CURB TERMINAL END (TIP DOWN)**  
NTS

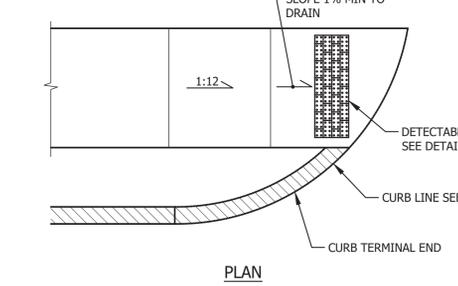
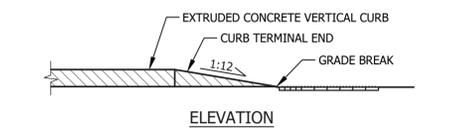


- NOTES:
- MINIMUM LENGTH OF THE CURB SECTIONS SHALL BE 3'-0"
  - FOR ALL CURBS WITH RADIUS LESS THAN 15' INSTALL STONES CUT TO THE RADIUS REQUIRED (NOT STRAIGHT SECTIONS)

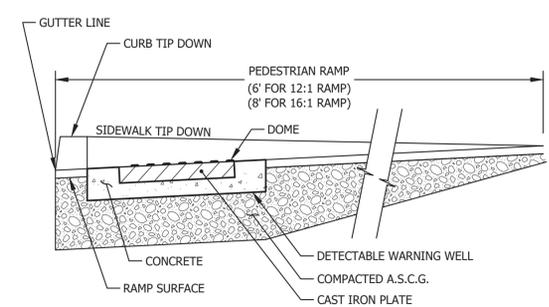
**VERTICAL GRANITE CURB**  
NTS



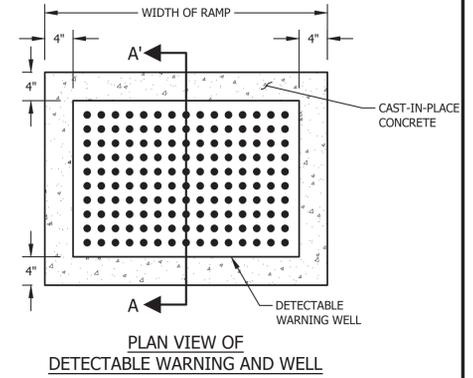
**RAMP WITH CENTER LANDING - PLAN**  
NTS



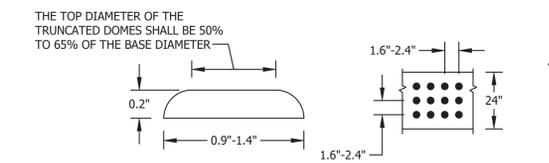
**ADA RAMP WITH DETECTABLE WARNING**  
NTS



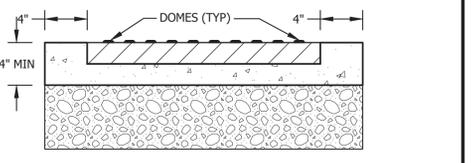
**SIDE SECTION VIEW OF DETECTABLE WARNING, WELL, CURB AND GUTTER**



**PLAN VIEW OF DETECTABLE WARNING AND WELL**

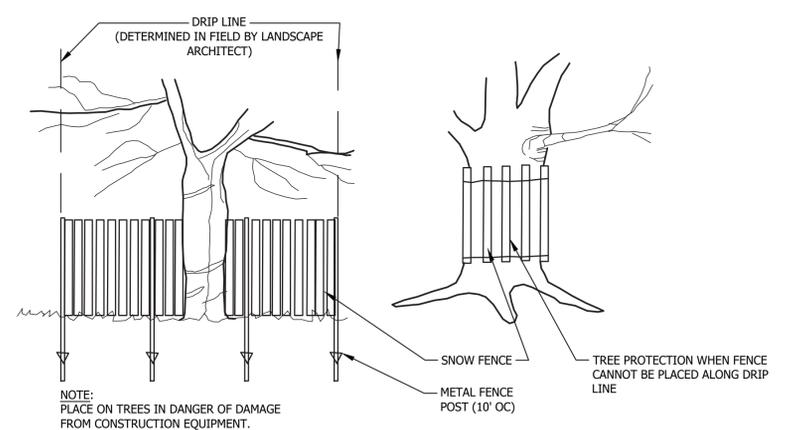


**DOMES AND DETECTABLE WARNING DETAILS**



**SECTION A-A'**

**DETECTABLE WARNING PAD**  
NTS



**TREE PROTECTION FENCE**  
NTS

NOTE: PLACE ON TREES IN DANGER OF DAMAGE FROM CONSTRUCTION EQUIPMENT.

**ADA RAMP WITH DETECTABLE WARNING**  
NTS

REV.	BY	DATE	STATUS
DPD	5/2020	ISSUED FOR PLANNING BOARD REVIEW	



**BANGOR SAVINGS BANK**  
PARKING LOT IMPROVEMENTS  
BELFAST, MAINE

**SECTIONS AND DETAILS**

**SME SEVEE & MAHER ENGINEERS**  
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CHECKED BY: BDP  
LMN: NONE  
CTB: SME-STD

JOB NO. 20208 DWG FILE DETAILS **C-301**