

**ADDENDUM NO. 1  
TO  
CONTRACT & SPECIFICATIONS  
RANGELEY LAKE STATE PARK  
BOATING FACILITY IMPROVEMENTS  
RANGELEY, MAINE  
October 18, 2024**

The sign-in sheet from the Pre-Bid Conference held on October 15, 2024 is attached.

The following changes have been made to Specifications & Plans:

1. **ADD:** Specification SECTION 03 48 00, Precast Concrete Specialties, and SECTION 06 10 00, Carpentry for the vault privy construction
2. **DELETE:** Construction Drawings  
**ADD:** Revised Construction Drawings (attached)

General description of the changes to the Specifications & Plans:

1. Added the installation of a vault privy and access way. See Sheets 4,5, & 13 of 13.
2. Added a stone level spreader at the outlet of the 15" HDPE Culvert. See Sheets 4 & 5 of 13.
3. Extended paved walkway to boat launch. Sheets 4 & 5 of 13
4. Added a cross section of the accessible ramp. See Sheet 6 of 13.

BGS Project No. 3475  
Engineer's Project No. 22012  
Rangeley Lake State Park  
October 15, 2024 at 10:30 a.m.

**Pre-Bid Conference  
Boating Facility Improvements  
Rangeley Lake State Park  
Rangeley, Maine**

**DEPARTMENT OF AGRICULTURE, CONSERVATION AND FORESTRY**

**Bids due:** October 24, 2024 no later than 2:00 p.m. (Via Email)

**Questions & Comments due:** by 5:00 p.m. on October 17, 2024

**Completion date:** Substantial Completion Date June 16, 2026. Final Completion Date June 30, 2026.

Work can begin on or after September 2, 2025.

Name	Organization	Phone (cell)	Email
Rob Arue	Pine Tree Engineering	(207) 754-3264	rproue@roarbrunners.com
Draw Washier	Bedard Excavation	207-890-3163	bedardexcavation@icloud.com
Tom Linscott	MDACF	207-441-2619	Thomas.Linscott @maine.gov

**PINE TREE  
ENGINEERING**

**SECTION 03 48 00****PRECAST CONCRETE SPECIALTIES****PART 1 - GENERAL****1.1 Description**

- A. Furnish and install precast concrete vault privy tank in accordance with these specifications and in reasonable close conformity with the lines, grades, design, and dimensions shown on the plans and as specified herein.

**1.2 Submittals to the Engineer**

- A. Submit shop drawings of the precast structures in conformance with the plans and specifications herein.

**PART 2 - PRODUCTS****2.1 Quality Assurance**

- A. The concrete shall be air-entrained, composed of Portland cement, fine and coarse aggregates, admixtures and water. Concrete shall contain  $6 \pm 2$  percent air. The air entraining mixture shall conform to AASHTO M154.
  - 1. Cement - Portland cement shall conform to the requirements of ASTM Specifications C150 - Type I, Type II, Type III cement.
  - 2. Coarse Aggregate - Shall consist of stone having a maximum size of 1 inch. Aggregate shall meet requirements for ASTM C33.
  - 3. Design Loading – Shall conform to ASTM C890 Standard Practice for Minimum Structural Design Loading for Monolithic or Sectional Precast Concrete Water and Wastewater Structures.
  - 4. Standard Specifications – Shall conform to ASTM C913 Standard Specifications for Precast Concrete Water and Wastewater Structures and ASTM C1227 Standard Specifications for Precast Concrete Septic Tanks.
  - 5. Calcium Chloride - The addition to the mix of calcium chloride or admixtures containing calcium chloride will not be permitted.
- B. All reinforcing steel of the structure shall be fabricated and placed in accordance with the detailed shop drawings submitted by the manufacturer.
  - 1. Steel Reinforcement - Reinforcement shall consist of welded wire fabric conforming to ASTM Specification A 185 or A 497, or deformed billet steel bars conforming to ASTM Specification A 615, Grade 60. Longitudinal distribution reinforcement may consist of welded wire fabric or deformed billet - steel bars.

**PART 3 - EXECUTION****3.1 Placement of the Structures**

- A. The structures shall be placed as shown on the plans. Special care shall be taken in setting the structures to the true line and grade on a prepared base.
- B. Base slab leveling: Place the precast base units on a granular subbase with a minimum thickness of six inches after compaction or of greater thickness and compaction if specified elsewhere. The granular subbase shall be checked for level prior to setting and the floor of the installed base section shall be checked for level at all four perimeter locations. Floor shall be within 0.5 inches of level.

**3.2 Backfill**

- A. Backfill material within two feet of each side of the structure shall be granular material. Backfill shall be placed and compacted in layers not exceeding 12 inches in thickness.
- B. No backfill shall be placed against any structural elements until they have been approved by the Engineer.
- C. Backfill against a waterproofed surface shall be placed carefully to avoid damage to the waterproofing material.
- D. Mechanical tampers or approved compacting equipment shall be used to compact all backfill and embankment immediately adjacent to each side and over the top of the structure.
- E. As a precaution against introducing unbalanced stresses in the structure, the backfill shall be placed and compacted to the same elevation on both sides of the structure before proceeding to the next layer.

**END OF SECTION**

**SECTION 06 10 00****CARPENTRY****PART 1 - GENERAL****1.1 Work Included**

- A. Rough carpentry and finish carpentry, including bracing (temporary and permanent) plates, blocking, curbs, furring, and grounds as may be required for the installation of all building components, equipment and accessories required for a complete and operational facility.

**1.2 References**

- A. PS 20 - American Softwood Lumber Standard
- B. PS 1 - Construction and Industrial Plywood
- C. NFPA - National Design Specification for Wood Construction
- D. AWWPA Standards for wood preservatives

**1.3 Quality Assurance**

- A. Rough Carpentry Lumber: Visible grade stamp, of agency certified by National Forest Products Association (NFPA).

**1.4 Delivery, Storage, and Handling**

- A. Do not deliver shop fabricated carpentry items until site conditions are adequate to receive the work. Protect items from weather while in transit.

**PART 2 - PRODUCTS****2.1 Materials**

- A. Lumber
  - 1. 2x6 frame members: NELMA No. 2 eastern spruce with minimum of 825 psi (950 psi repetitive) extreme fiber in bending; S4S.
  - 2. Platform members: Pressure treated ACQ method with minimum 0.25 lb./c.f. retention level. Lumber to be SPIB No. 2 southern yellow pine, S4S.
  - 3. 1x6 bracing and tongue and groove: NELMA common grade "premium" or better eastern white pine, S4S.

- B. Plywood: CDX.
- C. Lexan covering.
- D. Roof Shingles: Standard 12"x36" "Imperial Gentry" by IKO or Royal Sovereign by GAF.
- E. Vent Pipe: 6" diameter Schedule 40 PVC (paint to match siding).
- F. Ventilator: 6" diameter galvanized Turbine Penn or approved equal.
- G. Paint and Stain:
  - 1. Metal primer: "Kem Kromik" metal primer BY Sherwin Williams
  - 2. Metal finish coat: Gloos alkyd "Metalastic II" by Sherwin Williams
  - 3. Wood stain: Oil base semitransparent, color as specified by Owner.
- H. Fasteners: Galvanized, stainless steel, brass, or zinc plated, as shown on the plans.

### **PART 3 - EXECUTION**

#### **3.1 Framing, Furring, and Blocking**

- A. Erect wood framing, furring, blocking, and nailing members true to lines and levels. Do not deviate from true alignment more than 1/4 inch.
- B. Space members as indicated on drawings.
- C. Construct members of continuous pieces of longest possible lengths.

#### **3.3 Installation of Finish Carpentry Items**

- A. Set and secure finish carpentry items in place rigid, plumb, and square.
- B. Install hardware, fixtures, and accessories supplied under other Sections for installation. Install items in accordance with manufacturer's instructions.

**END OF SECTION**



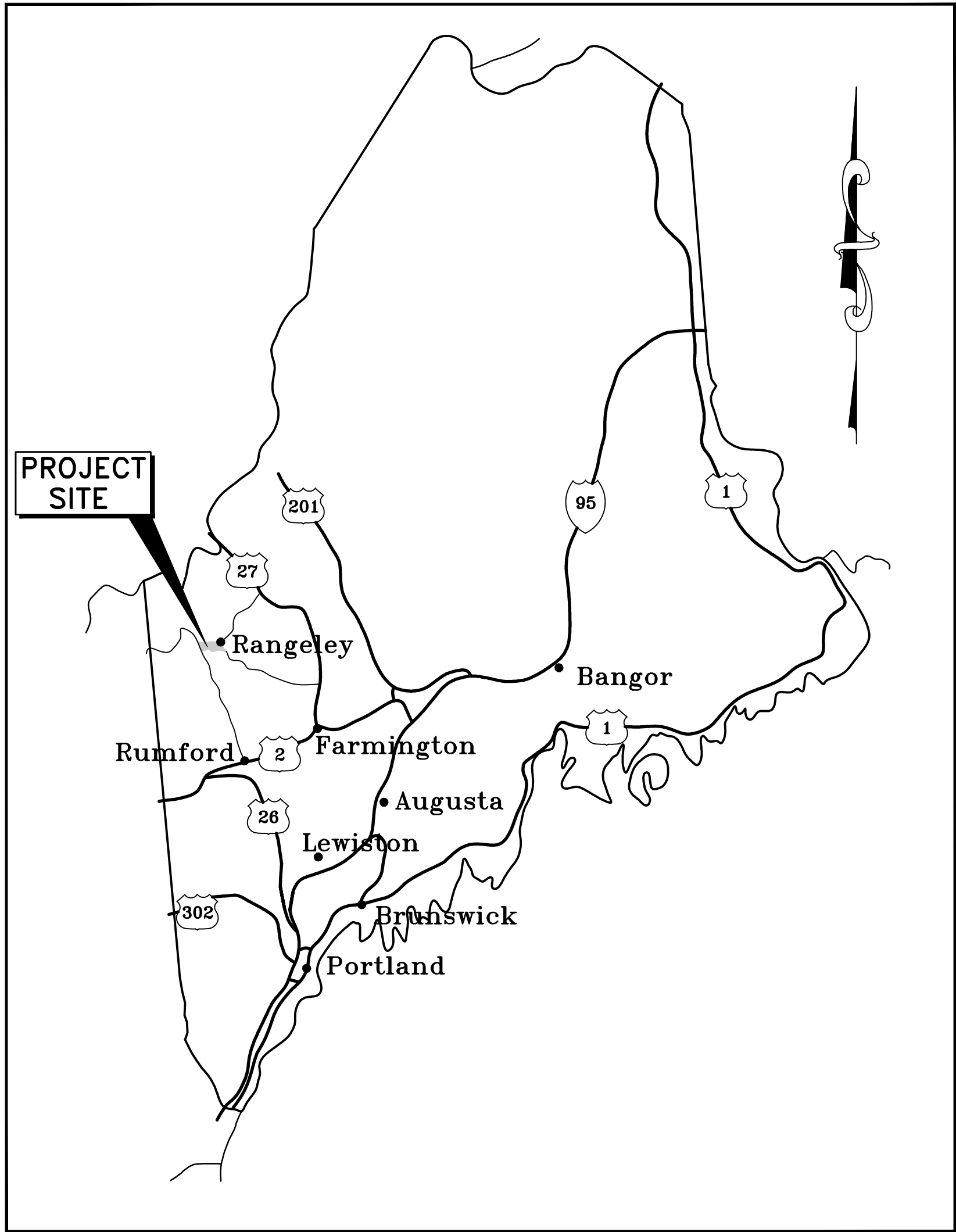
BGS NO. 3475

# BOATING FACILITY IMPROVEMENTS

## RANGELEY LAKE STATE PARK

### RANGELEY, MAINE

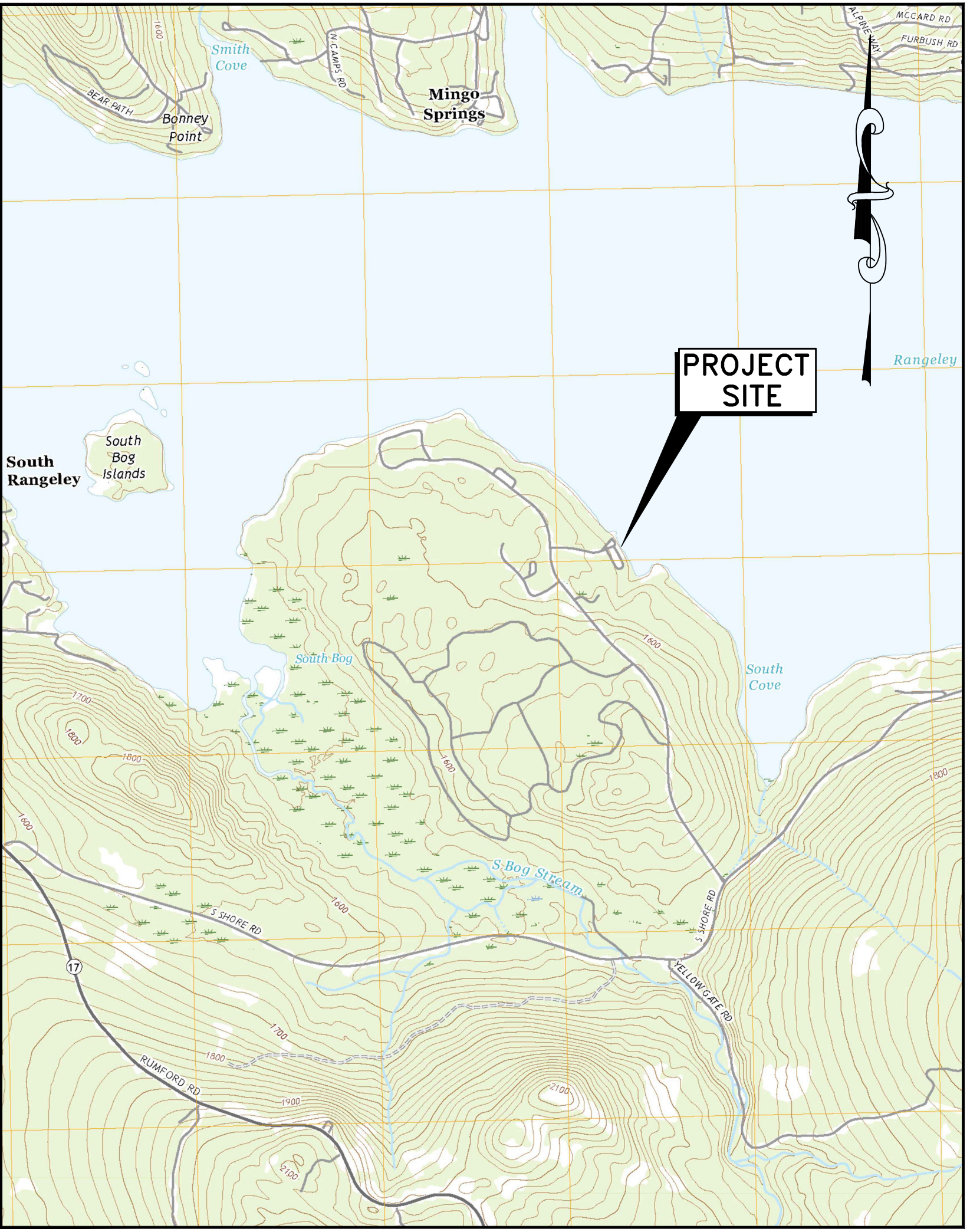
PINE TREE ENGINEERING, INC.  
53 Front Street  
Bath, Maine 04530



**LOCATION MAP**  
SCALE: 1"=33± MILES

**DRAWING INDEX**

1	COVER
2	TYPICAL SECTION AND LEGEND
3	EXISTING CONDITIONS PLAN
4	PROPOSED SITE PLAN AND WATERFRONT WALKWAY PROFILE
5	PROPOSED GRADING PLAN AND PARKING AREA PROFILE
6	PROPOSED ACCESSIBLE RAMP DETAIL AND PROFILE
7-10	CROSS SECTIONS
11-13	DETAILS



**AREA MAP**  
SCALE: 1"=2,000'±



GENERAL NOTES

1.

BELOW GRADE UTILITY INFORMATION IS BASED ON INFORMATION PROVIDED BY EACH UTILITY. LOCATION OF PUBLIC UTILITIES SHOWN IS ONLY APPROXIMATE AND MAY NOT BE COMPLETE. PRIVATE UNDERGROUND UTILITIES SUCH AS, BUT NOT LIMITED TO, SEWER SERVICES, WATER SERVICES AND BURIED ELECTRICAL SERVICE ENTRANCES ARE NOT SHOWN. THE CONTRACTOR SHALL ASCERTAIN THE LOCATION AND SIZE OF EXISTING UTILITIES IN THE FIELD WITH THE RESPECTIVE UTILITY COMPANY REPRESENTATIVE PRIOR TO COMMENCING WORK. ADDITIONAL TEST PITS, BEYOND THOSE SHOWN, MAY BE REQUIRED.
2.

ALL STRUCTURES AND PIPELINES LOCATED ADJACENT TO THE TRENCH EXCAVATION SHALL BE PROTECTED AND FIRMLY SUPPORTED BY THE CONTRACTOR UNTIL THE TRENCH IS BACKFILLED. INJURY TO ANY SUCH STRUCTURES CAUSED BY, OR RESULTING FROM, THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ALL UTILITIES REQUIRING REPAIR, RELOCATION OR ADJUSTMENT AS A RESULT OF THE PROJECT SHALL BE COORDINATED THROUGH THE RESPECTIVE UTILITY.
3.

IN THOSE INSTANCES WHERE POWER OR TELEPHONE POLE SUPPORT IS REQUIRED, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48-HOUR NOTIFICATION TO CENTRAL MAINE POWER OR VERIZON, RESPECTIVELY. NO ADDITIONAL PAYMENT WILL BE PROVIDED FOR TEMPORARY BRACING OF UTILITIES.
4.

CONTRACTOR SHALL INSTALL AND MAINTAIN TRAFFIC CONTROL SIGNS IN ACCORDANCE WITH MAINEDOT REQUIREMENTS.
5.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRAFFIC FLOW AT ALL TIMES. THE CONTRACTOR IS REQUIRED TO SUBMIT A TRAFFIC CONTROL PLAN TO THE OWNER PRIOR TO COMMENCING CONSTRUCTION. THE LOCAL POLICE DEPARTMENT AND FIRE DEPARTMENT ARE TO BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF ANY STREET CLOSING OR DETOUR.
6.

THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY RIGHTS OF WAY AND EASEMENTS. THE CONTRACTOR SHALL VERIFY THAT THE NECESSARY EASEMENTS HAVE BEEN SECURED BY THE OWNER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE FAMILIAR WITH THE APPLICABLE PROVISIONS OF EACH EASEMENT AS THEY APPLY TO THE WORK AND ABIDE BY THOSE PROVISIONS DURING CONSTRUCTION.
7.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF EROSION. ALL DISTURBED EARTH SURFACES ARE TO BE STABILIZED IN THE SHORTEST PRACTICAL TIME AND TEMPORARY EROSION CONTROL DEVICES SHALL BE EMPLOYED UNTIL SUCH TIME AS ADEQUATE SOIL STABILIZATION HAS BEEN ACHIEVED. TEMPORARY STORAGE OF EXCAVATED MATERIAL IS TO BE IN A MANNER THAT WILL MINIMIZE EROSION. THE CONTRACTOR SHALL DISPOSE OF UNSUITABLE EXCAVATED MATERIAL AT A SITE PROVIDED BY HIM WHICH IS IN COMPLIANCE WITH ALL STATE AND LOCAL LAWS. MATERIALS AND METHODS USED FOR TEMPORARY EROSION CONTROL SHALL BE AS SPECIFIED BY THE "MAINE EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES" PREPARED BY THE CUMBERLAND COUNTY SWCD.
8.

OPEN TRENCHES IN THE ROADWAY MUST BE BACKFILLED AT THE END OF THE WORKDAY. OPEN TRENCHES OUTSIDE OF THE ROADWAY MAY BE LEFT OPEN IF THE CONTRACTOR PROVIDES ADEQUATELY SAFE BARRICADING AND LIGHTS.
9.

CONTRACTOR SHALL CONTROL DUST TO A TOLERABLE LIMIT AS OUTLINED IN THE SPECIFICATIONS. CONTRACTOR SHALL NOT TRACK OR SPILL EARTH AND DEBRIS ON PUBLIC STREETS OUTSIDE THE PROJECT AREA. STREETS OPENED TO THE PUBLIC SHALL BE KEPT SWEEPED AND FREE OF DEBRIS.
10.

THE CONTRACTOR SHALL RESTORE ALL PRIVATE PROPERTY TO ITS PRE-CONSTRUCTION CONDITION.
11.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTling ALL EXISTING PROPERTY MONUMENTATION THAT IS DISTURBED BY HIS OPERATIONS AT NO EXPENSE TO THE OWNER. THIS WORK IS TO BE DONE BY A LAND SURVEYOR REGISTERED IN THE STATE OF MAINE.
12.

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS OF THE OCCUPATION SAFETY AND HEALTH ADMINISTRATION (OSHA).
13.

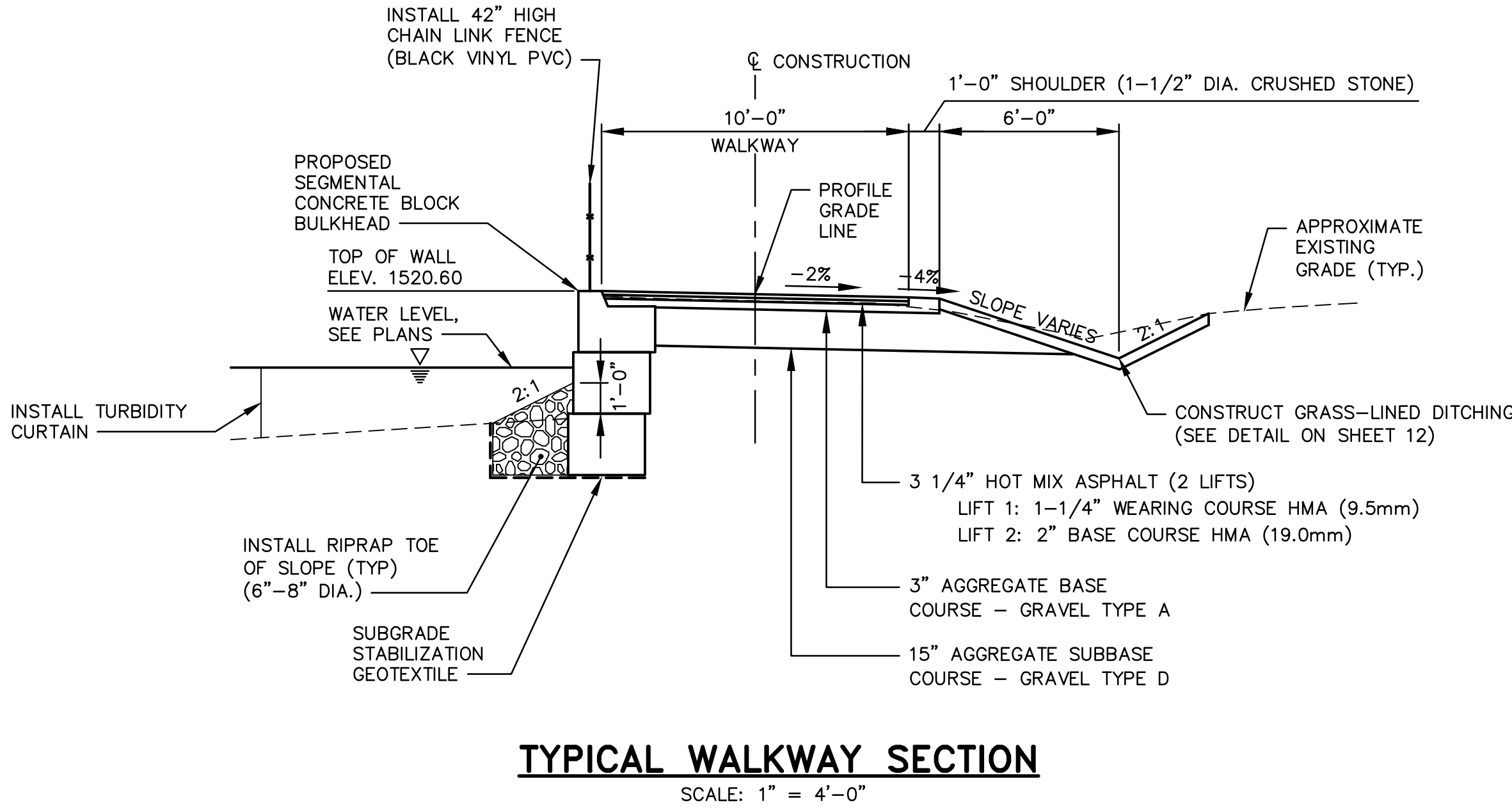
SUITABLE EXCAVATED MATERIALS MAY BE INCORPORATED INTO THE PROJECT. THE OWNER HAS THE RIGHT OF FIRST REFUSAL OF ALL EXCESS SUITABLE MATERIAL FROM THE PROJECT.
14.

THE CONTRACTOR SHALL DESIGNATE A CONTACT PERSON(S) WHO CAN BE REACHED 24 HOURS PER DAY FOR THE DURATION OF THE PROJECT IN CASE OF AN EMERGENCY RELATED TO THE PROJECT.
15.

THE CONTRACTOR SHALL NOTIFY RESIDENTS IN ADVANCE OF WORKING IN AN AREA THAT MAY IMPACT THEIR ABILITY TO EXIT OR ENTER THEIR DRIVEWAYS.
16.

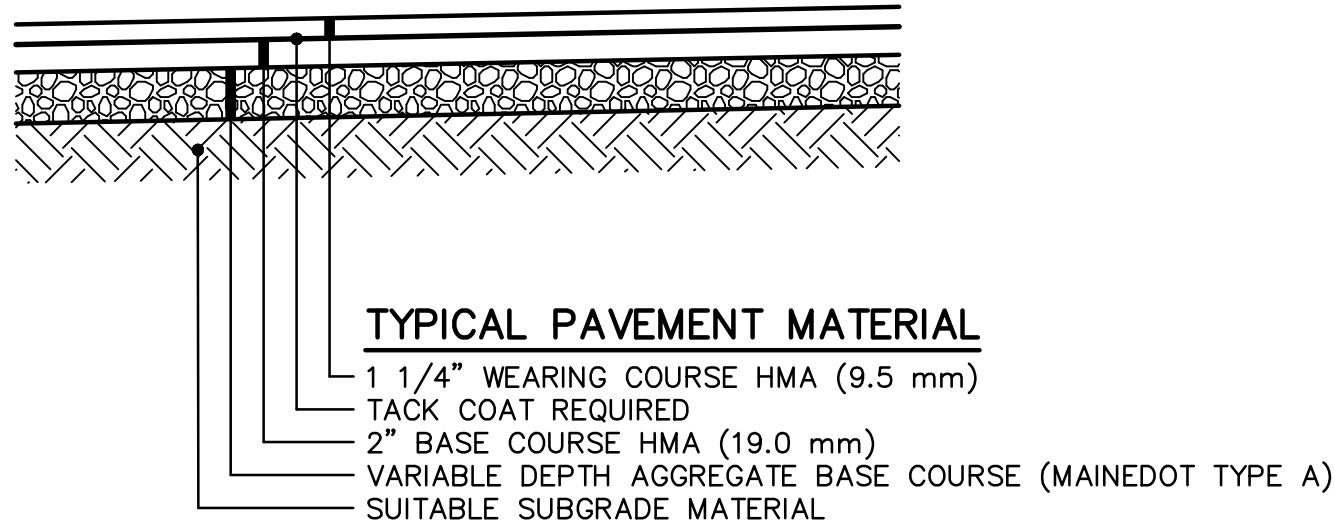
ALL PIPES TO BE ABANDONED IN PLACE SHALL BE PLUGGED WITH MORTAR AT ALL OPEN ENDS, AS WELL AS ANY BROKEN SECTIONS THAT MAY OCCUR WHEN INSTALLING CROSSING OR ADJACENT PIPES.
17.

ALL BACKSLOPES SHALL BE ROUNDED TO MATCH EXISTING LAWN AREAS.



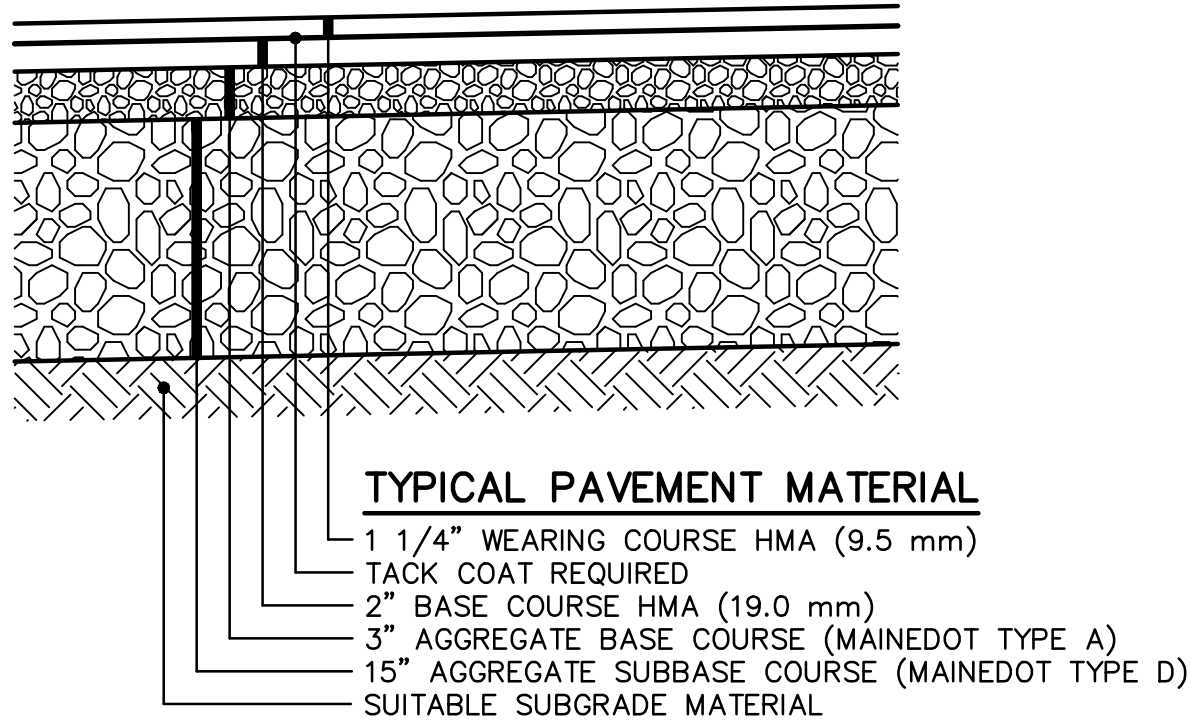
TYPICAL WALKWAY SECTION

SCALE: 1" = 4'-0"



REGRADE AND REPAVE  
PAVED PARKING AREA

SCALE: 1" = 1'-0"



FULL DEPTH WIDENING  
PAVED PARKING AREA

SCALE: 1" = 1'-0"

LEGEND

EXISTING	DESCRIPTION	PROPOSED
	CONSTRUCTION BASELINE	10+00 +
---	WATER LEVEL	
=====	EDGE OF PAVEMENT	=====
-----	EDGE OF GRAVEL	-----
=====	EDGE OF GRASS DRIVE	=====
=====	BULKHEAD	=====
---100---	CONTOUR (5' INT)	---100---
---99---	CONTOUR (1' INT)	---99---
==>==>	DITCHLINE	==<==<
~~~~~	TREELINE	~~~~~
---D---	STORM DRAIN LINE	=====
=====	CULVERT	=====
=====	CATCH BASIN	=====
▲	SURVEY CONTROL POINT	▲
⊙	SIGNS	⊙
⊙	TREES	⊙
⊙	STUMP	⊙
⊙	BOULDER	⊙
=====	RIPRAP	=====
=====	BUILDING	=====



SURVEY NOTES:

1.) THE TOPOGRAPHIC SURVEY WAS COMPLETED BY PIONEER SURVEYING & MAPPING SERVICES ON OCTOBER 19, 2022 AND COMBINED WITH A PREVIOUS SURVEY PERFORMED BY PINE TREE ENGINEERING ON NOVEMBER 3, 2015.

2.) THE HORIZONTAL DATUM IS BASED ON AN ASSUMED LOCAL GRID.

3.) THE VERTICAL DATUM WAS ACQUIRED BY TAKING WATER LEVEL ELEVATIONS AT THE SITE AND COMPARING THEM WITH PUBLISHED WATER LEVEL DATA FOR RANGELEY LAKE PROVIDED BY THE STATE SITE CODE INDEX AT THE WATERLINE FLOWCAST WEBSITE (www.h2online.com).

TBM 193-25-01

TEMPORARY BENCHMARKS:

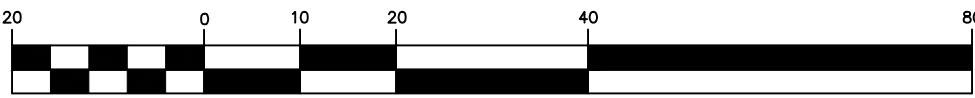
TBM 193-25-01  
NAIL SET 1'± ABOVE GRADE IN 6" YELLOW BIRCH IN THE PENINSULA NORTH OF THE RAMP AND PAVED MANEUVERING AREA  
ELEV. 1520.40

RANGELEY LAKE

EXISTING CONDITIONS PLAN

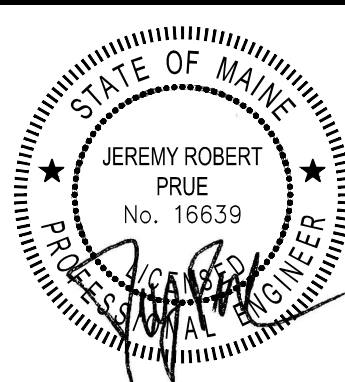
SCALE: 1" = 20'

GRAPHIC SCALE



( IN FEET )

REV	DATE	STATUS	BY	CHKD	APPD
1	10/18/2024	REVISIONS FROM PRE-BID MEETING	JET	RLP	JRP
0	10/3/2024	ISSUED FOR BIDDING	JET	RLP	JRP



DESIGNED BY:	JRP/RLP
DRAWN BY:	JET/JMT
CHECKED BY:	RLP
APPROVED BY:	JRP
DATE:	10/3/2024

Pine Tree  
Engineering

Civil/Environmental Engineering • Surveying

53 Front Street  
Bath, Maine 04530  
Tel: (207) 443-1508  
Fax: (207) 442-7029

CLIENT

MDACF, BUREAU OF PARKS & LANDS  
22 STATE HOUSE STATION  
AUGUSTA, MAINE 04333

PROJECT

BOATING FACILITY IMPROVEMENTS  
RANGELEY LAKE STATE PARK

TITLE

EXISTING CONDITIONS PLAN

SCALE

AS SHOWN

PROJECT NO.

22012

DRAWING NO.

22012 exbase

SHT.

3 of 13

REV.

1

TEMPORARY BENCHMARKS:

TBM 193-25-01  
NAIL SET 1'± ABOVE GRADE IN 6" YELLOW  
BIRCH IN THE PENINSULA NORTH OF THE  
RAMP AND PAVED MANEUVERING AREA  
ELEV. 1520.40

IN-WATER IMPACTS	
IMPACT TYPE	AREA (S.F.)
TEMPORARY	1,408

TBM 193-25-01

(WOODED)

PROPOSED SAWCUT  
BEGIN PATH STA.  
10+02  
MATCH INTO  
EXISTING PAVEMENT

PAVED ACCESS ROAD  
ONE-WAY

EXISTING DITCHLINE TO REMAIN  
STA. 10+10 TO STA. 11+54

REMOVE EXISTING PAVEMENT  
STA. 20+18  
MATCH INTO  
EXISTING PAVEMENT

FULL DEPTH WIDENING  
(SEE TYPICAL SECTIONS)

PROPOSED TREELINE (TYP.)

INSTALL 12'x50' ACCESSIBLE RIG PARKING  
SPACE WITH ACCESSIBLE PARKING SIGN

INSTALL 12'x50' RIG PARKING SPACES (16)

REGRADE AND REPAVE PARKING AREA  
(SEE TYPICAL SECTIONS)

PROPOSED PARKING AREA BASELINE

REMOVED AND RESET  
EXISTING BOULDERS AS SHOWN

REMOVE EXISTING PAVEMENT  
STA. 20+18  
MATCH INTO  
EXISTING PAVEMENT

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STA. 20+18  
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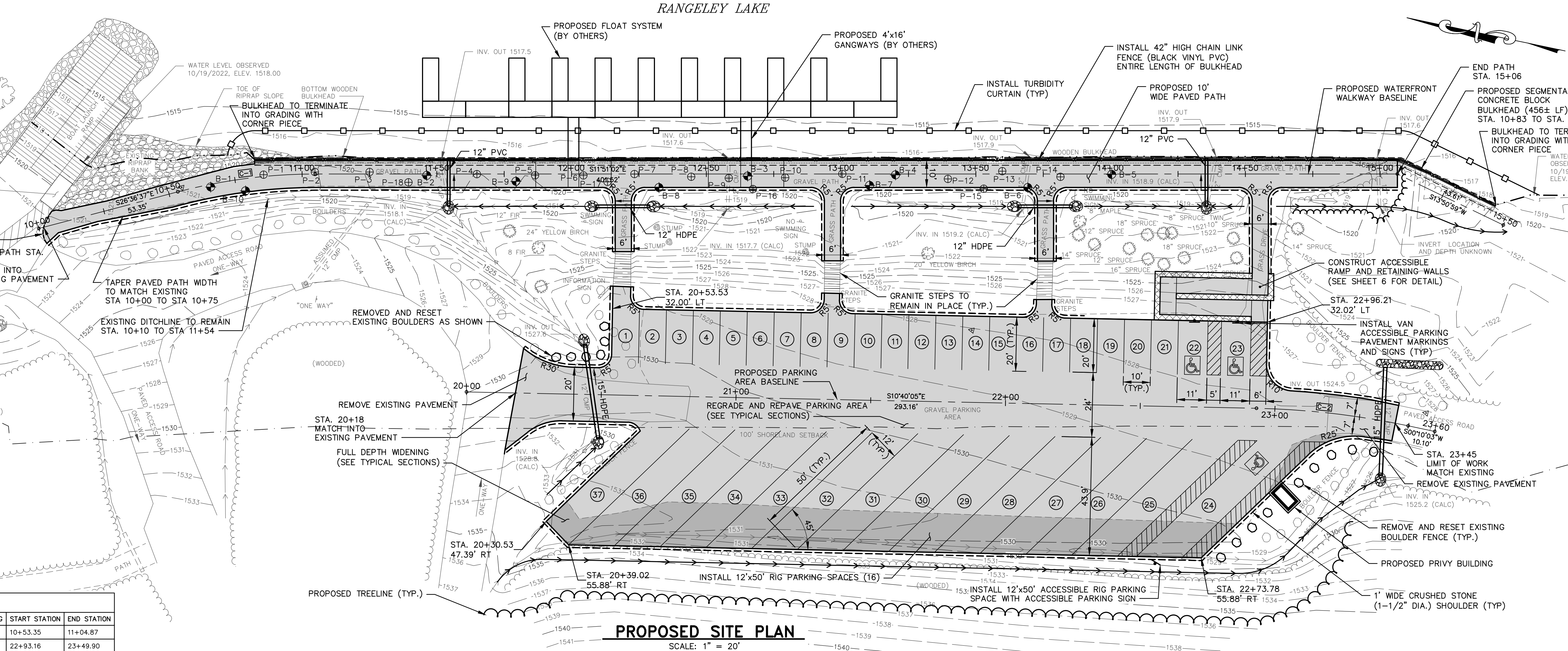
REMOVE EXISTING PAVEMENT  
STA. 20+18  
MATCH INTO  
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EXISTING PAVEMENT

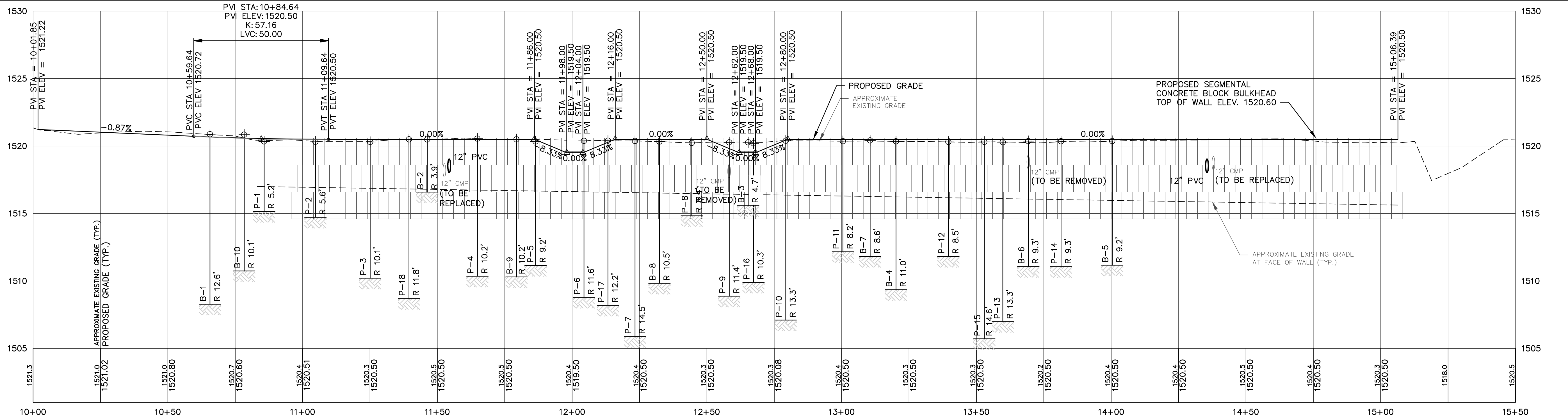
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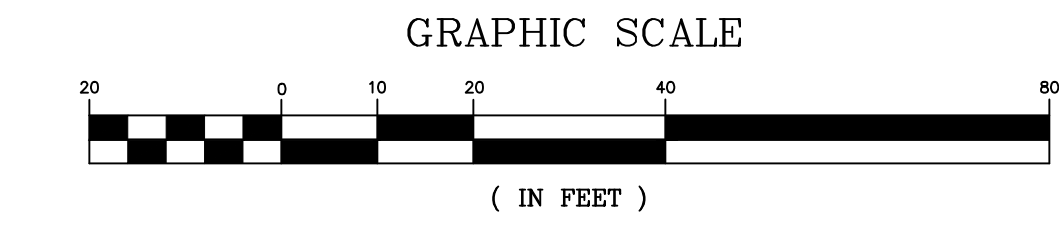
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STA. 20+18  
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EXISTING PAVEMENT



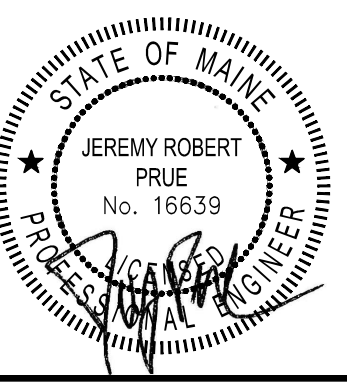
BASELINE CURVE TABLE						
CURVE NO.	LENGTH	RADIUS	TANGENT	DELTA	CHORD BEARING	START STATION
C-1	51.52	200.00	25.90	14°45'35"	S19°13'50"E	10+53.35
C-2	56.73	300.00	28.45	10°50'07"	S5°15'01"E	22+93.16



WATERFRONT WALKWAY PROFILE  
SCALE: 1" = 20' HORIZ., 1" = 4' VERT.



REV	DATE	STATUS	BY	CHKD	APPD
1	10/18/2024	REVISIONS FROM PRE-BID MEETING	JET	RLP	JRP
0	10/3/2024	ISSUED FOR BIDDING	JET	RLP	JRP



DESIGNED BY:	JRP/RLP
DRAWN BY:	JET/JMT
CHECKED BY:	RLP
APPROVED BY:	JRP
DATE:	10/3/2024

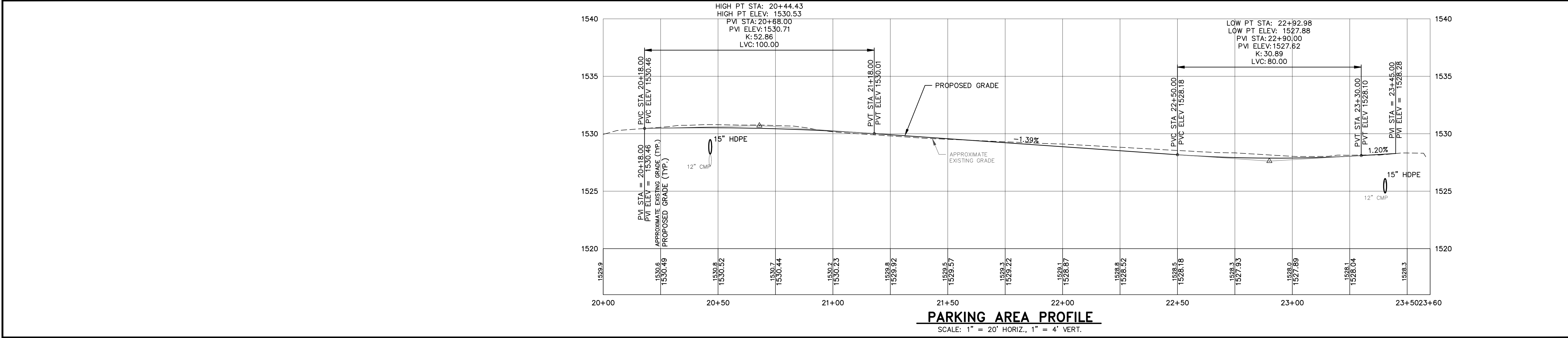
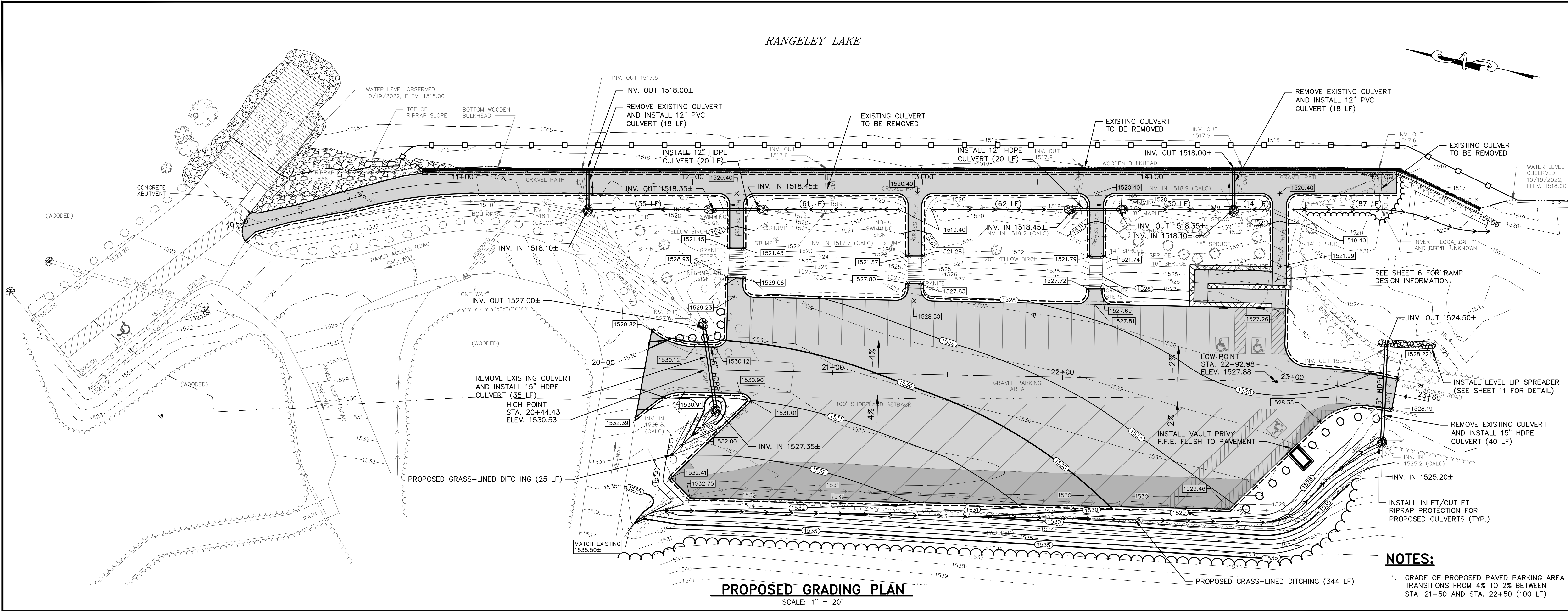
**Pine Tree Engineering**  
Civil/Environmental Engineering • Surveying  
53 Front Street  
Bath, Maine 04530  
Tel: (207) 443-1508  
Fax: (207) 442-7029

CLIENT  
**MDACF, BUREAU OF PARKS & LANDS**  
22 STATE HOUSE STATION  
AUGUSTA, MAINE 04333

PROJECT  
**BOATING FACILITY IMPROVEMENTS**  
RANGELEY LAKE STATE PARK  
TITLE  
**PROPOSED SITE PLAN AND**  
**WATERFRONT WALKWAY PROFILE**

SCALE	AS SHOWN
PROJECT NO.	22012
DRAWING NO.	22012 site
SHT.	4 of 13
REV.	1





GRAPHIC SCALE

( IN FEET )

1	10/18/2024	REVISIONS FROM PRE-BID MEETING	JET	RLP	JRP
0	10/3/2024	ISSUED FOR BIDDING	JET	RLP	JRP
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DESIGNED BY: JRP/RLP

DRAWN BY: JET/JMT

CHECKED BY: RLP

APPROVED BY: JRP

DATE: 10/3/2024

**Pine Tree Engineering**

Civil/Environmental Engineering • Surveying

53 Front Street  
Bath, Maine 04530  
Tel: (207) 443-1508  
Fax: (207) 442-7029

CLIENT

**MDACF, BUREAU OF PARKS & LANDS**  
22 STATE HOUSE STATION  
AUGUSTA, MAINE 04333

PROJECT

**BOATING FACILITY IMPROVEMENTS  
RANGELEY LAKE STATE PARK**

TITLE

**PROPOSED GRADING PLAN  
AND PARKING AREA PROFILE**

SCALE

AS SHOWN

PROJECT NO.

22012

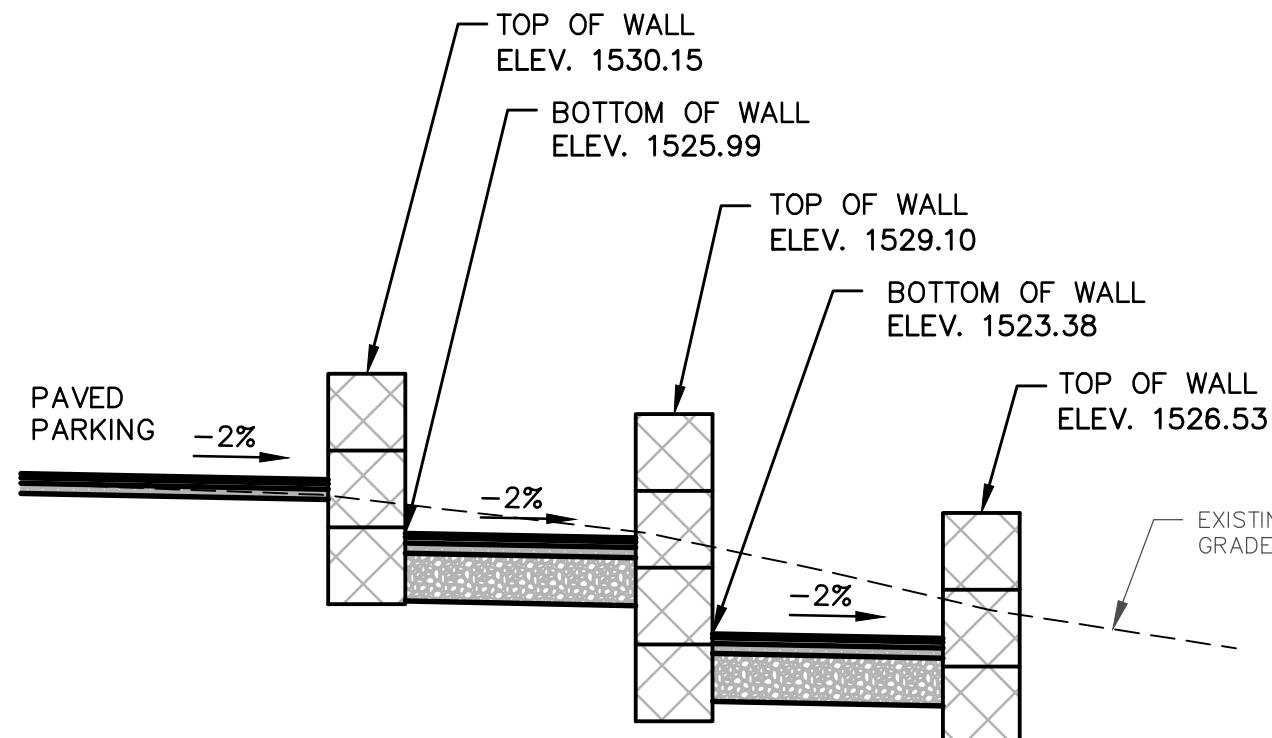
DRAWING NO.

22012 GRADING

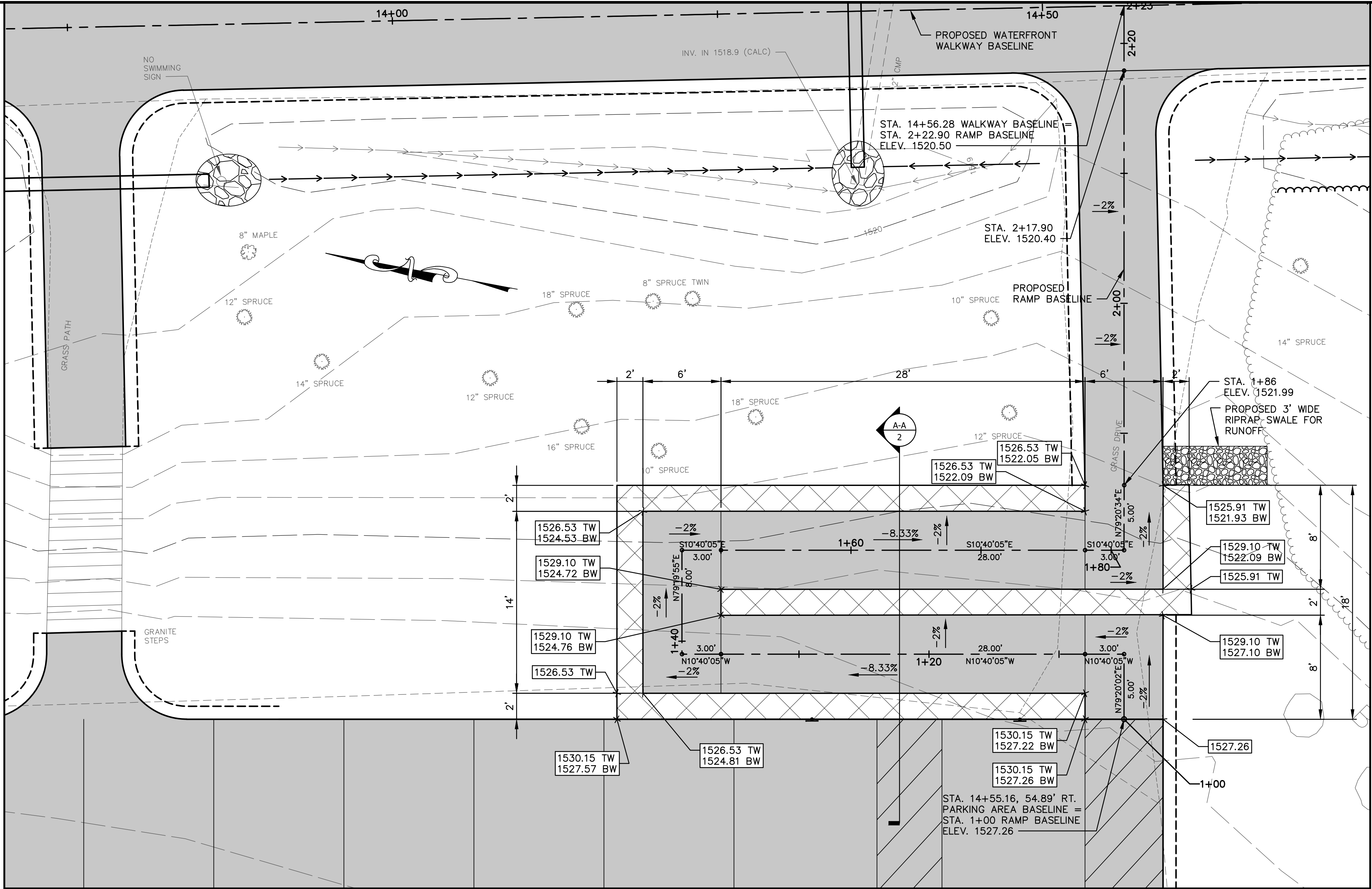
SHT. **5** of **13** REV. **1**

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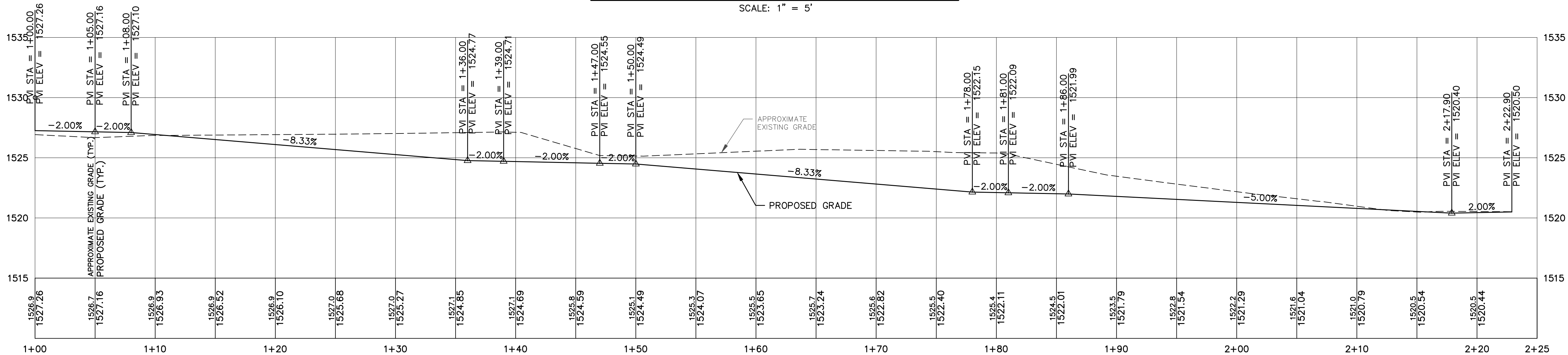
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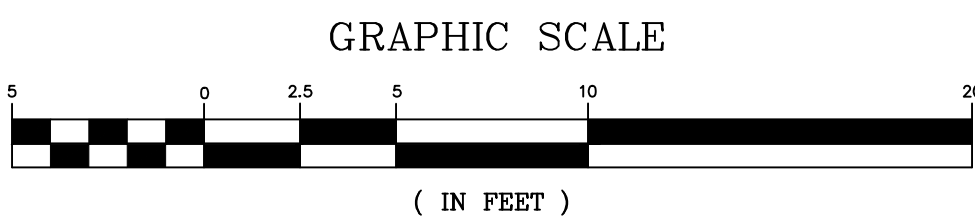
DETAIL A-A  
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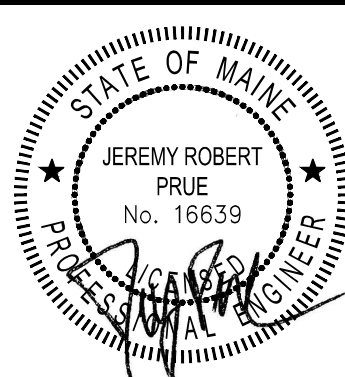
PROPOSED ACCESSIBLE RAMP DETAIL  
SCALE: 1" = 5'



ACCESSIBLE RAMP PROFILE  
SCALE: 1" = 5' HORIZ., 1" = 5' VERT.



REV	DATE	STATUS	BY	CHKD	APPD
1	10/18/2024	REVISIONS FROM PRE-BID MEETING	JET	RLP	JRP
0	10/3/2024	ISSUED FOR BIDDING	JET	RLP	JRP



DESIGNED BY:	JRP/RLP
DRAWN BY:	JET/JMT
CHECKED BY:	RLP
APPROVED BY:	JRP
DATE:	10/3/2024

**Pine Tree Engineering**

Civil/Environmental Engineering • Surveying

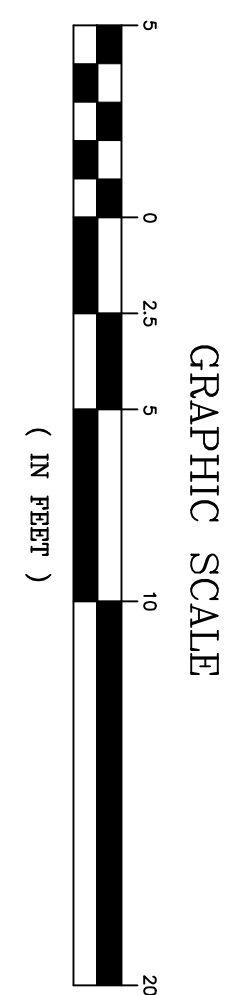
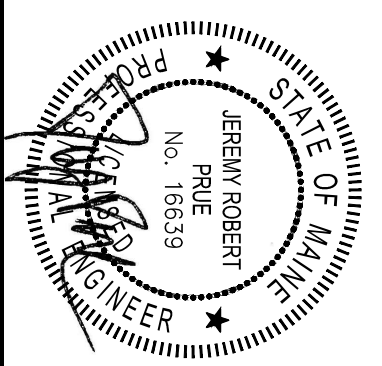
53 Front Street  
Bath, Maine 04530  
Tel: (207) 443-1508  
Fax: (207) 442-7029

CLIENT  
**MDACF, BUREAU OF PARKS & LANDS**  
22 STATE HOUSE STATION  
AUGUSTA, MAINE 04333

PROJECT  
**BOATING FACILITY IMPROVEMENTS**  
RANGELEY LAKE STATE PARK  
TITLE  
**PROPOSED ACCESSIBLE RAMP**  
DETAIL AND PROFILE

SCALE	AS SHOWN
PROJECT NO.	22012
DRAWING NO.	22012 RAMP DETAILS
SHT.	6 of 13
REV.	1



[illegible]

DESIGNED BY: JRP/RLP
DRAWN BY: JET/JMT
CHECKED BY: RLP
APPROVED BY: JRP
DATE: 10/3/2024

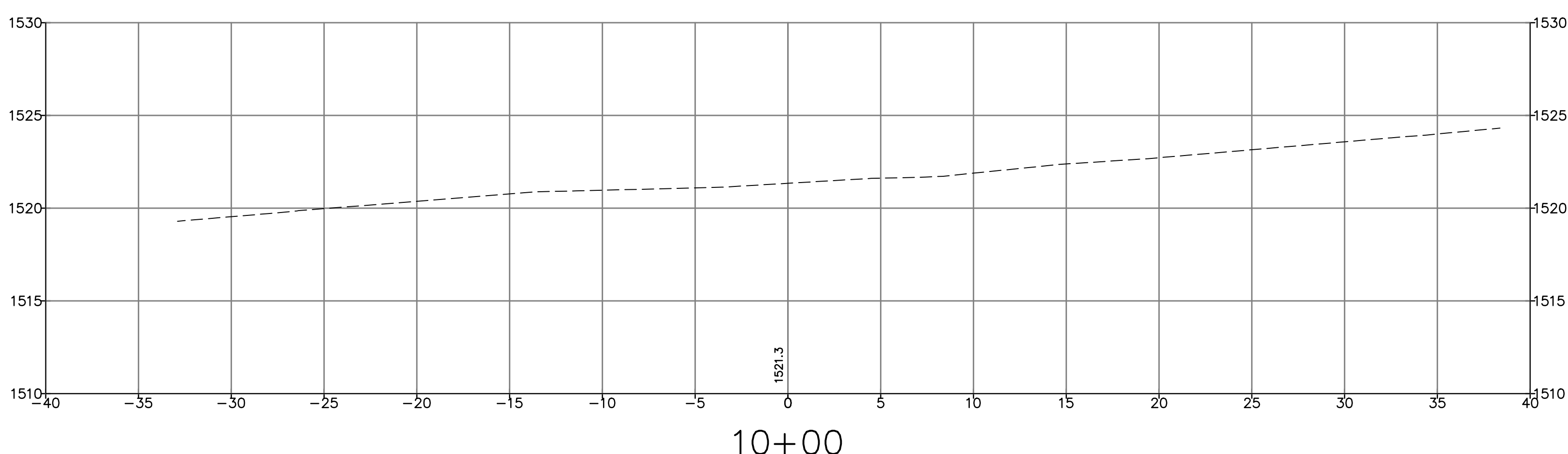
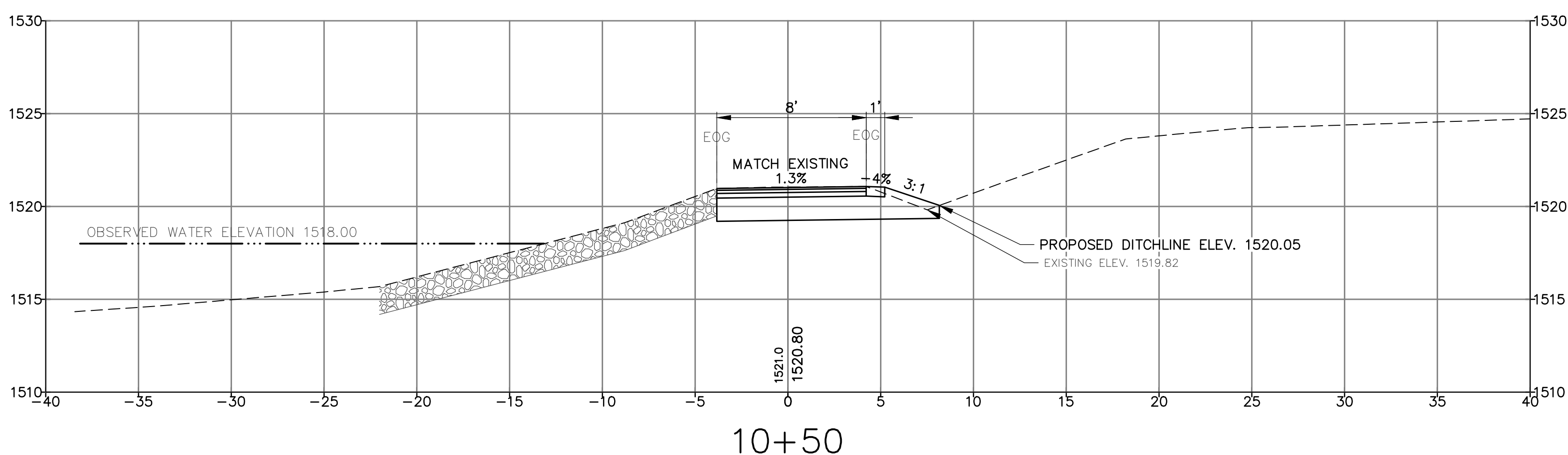
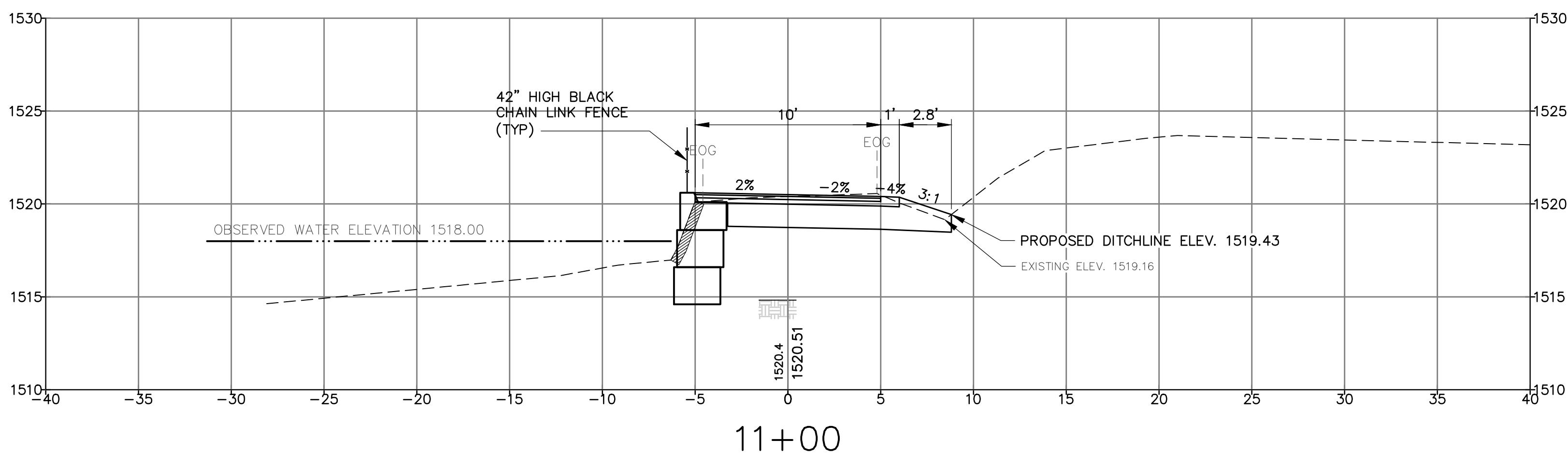
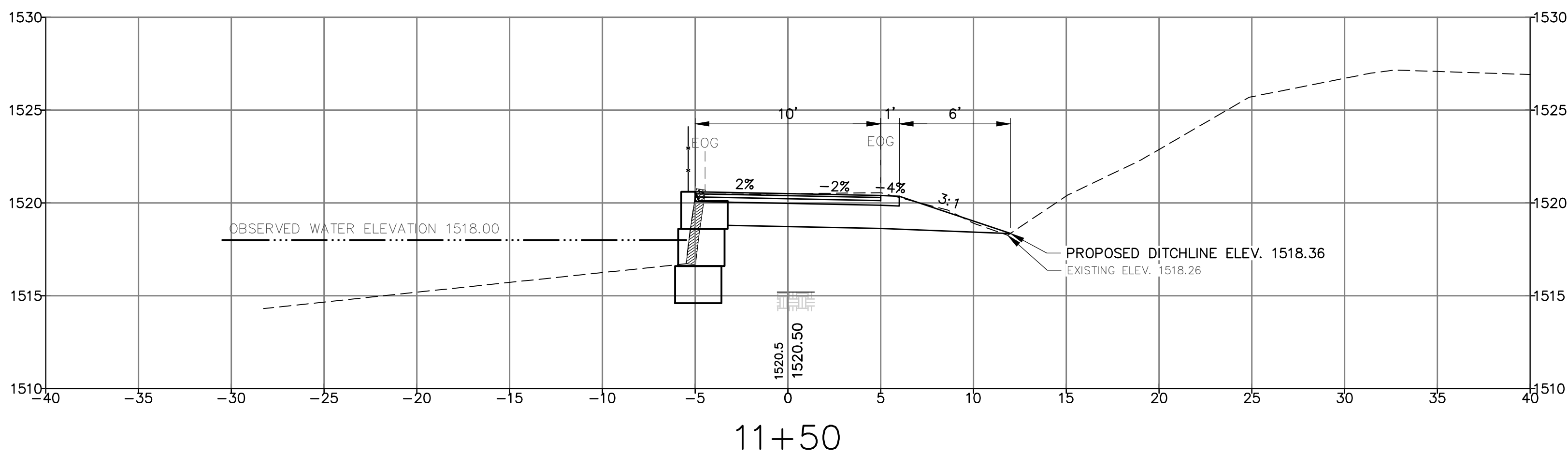
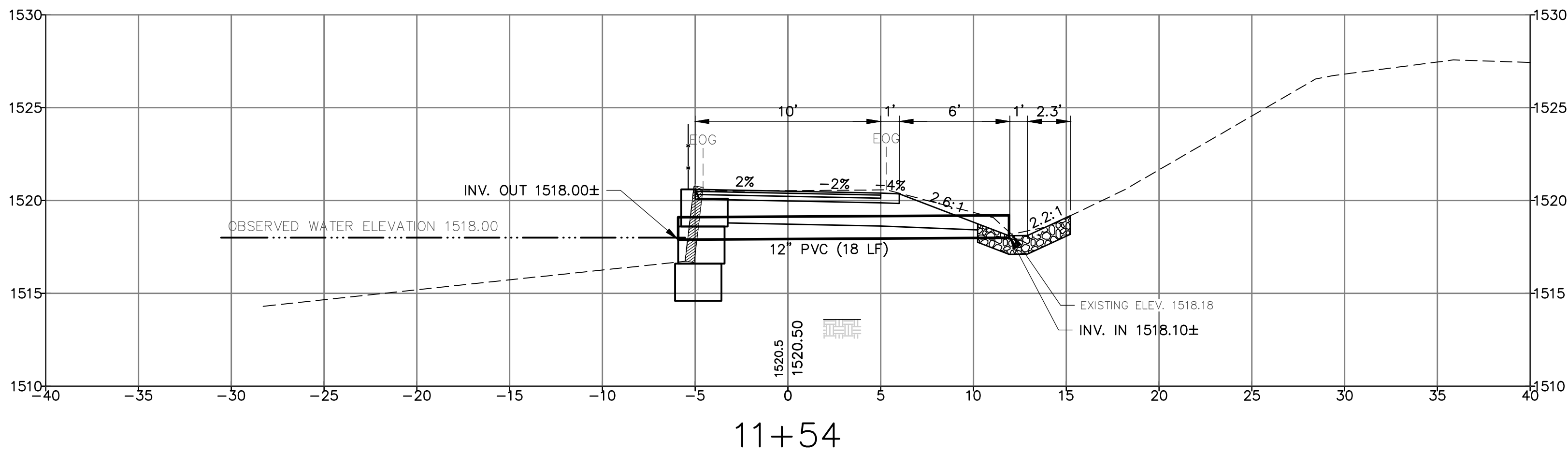
**Pine Tree  
Engineering**  
53 Front Street  
Bath, Maine 04580  
Tel: (207) 443-1050  
Fax: (207) 442-7029

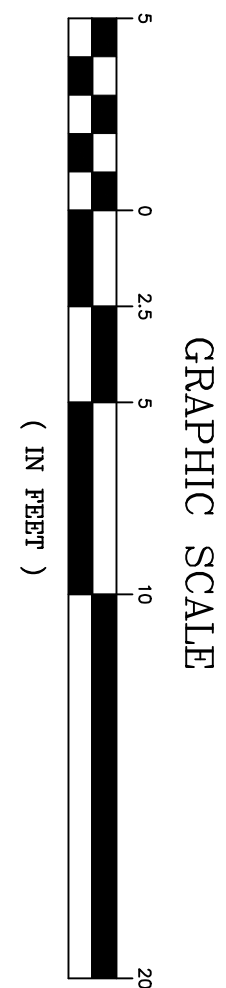
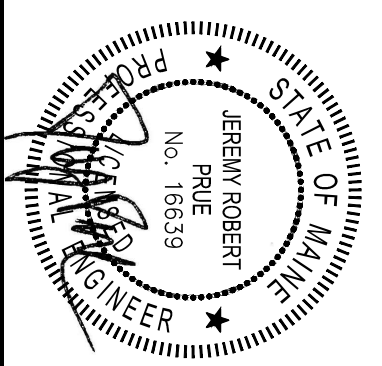
53 Front Street  
Bath, Maine 04530  
Tel: (207) 443-1508  
Fax: (207) 442-7022

MAINE STATE HOUSE STATION  
AUGUSTA, MAINE 04333

**CROSS SECTIONS**  
STA. 10+00 TO STA. 11+54

AS SHOWN	
PROJECT NO.	22012
DRAWING NO. 22012 SECTIONS	
SHT. 7	REV 13



[illegible]

DESIGNED BY: JRP/RLP
DRAWN BY: JET/JMT
CHECKED BY: RLP
APPROVED BY: JRP
DATE: 10/3/2024

# **Pine Tree Engineering**

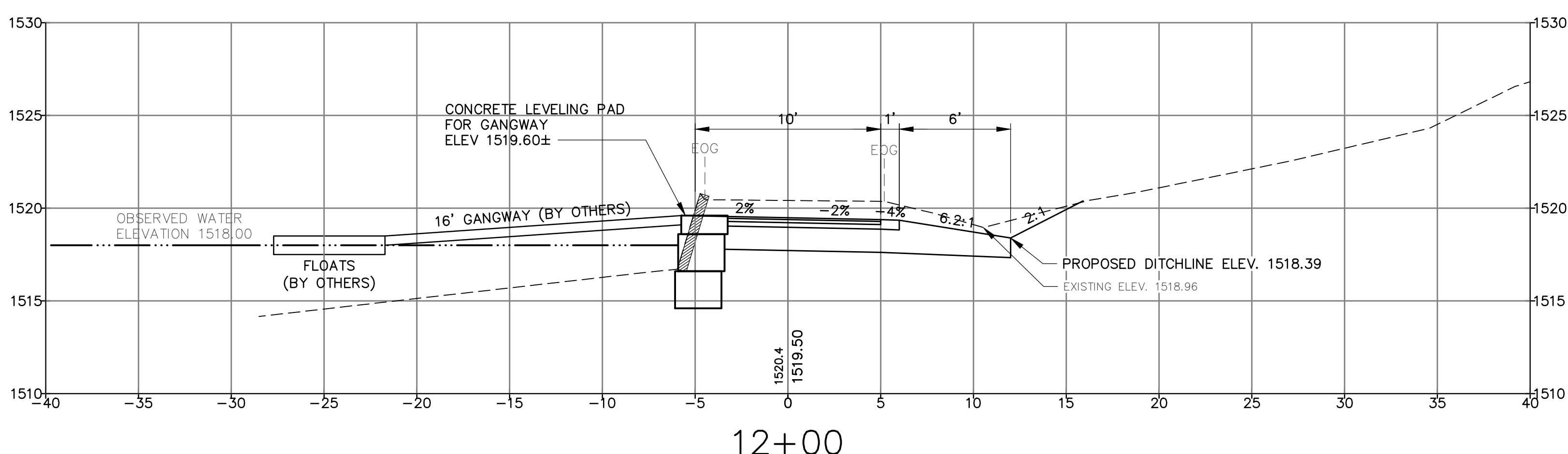
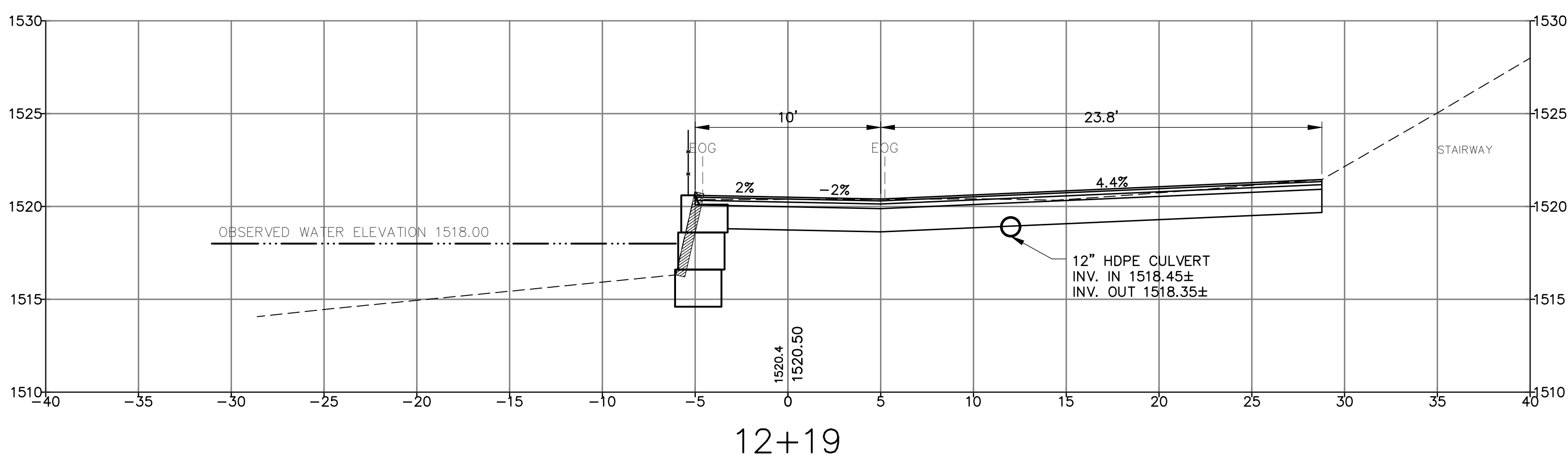
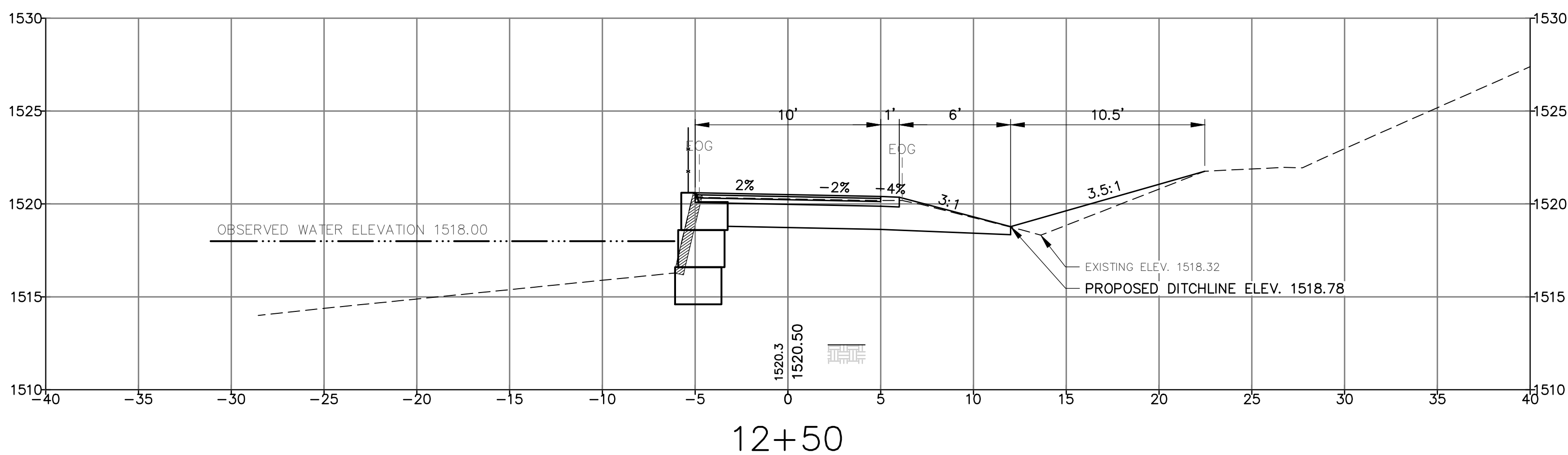
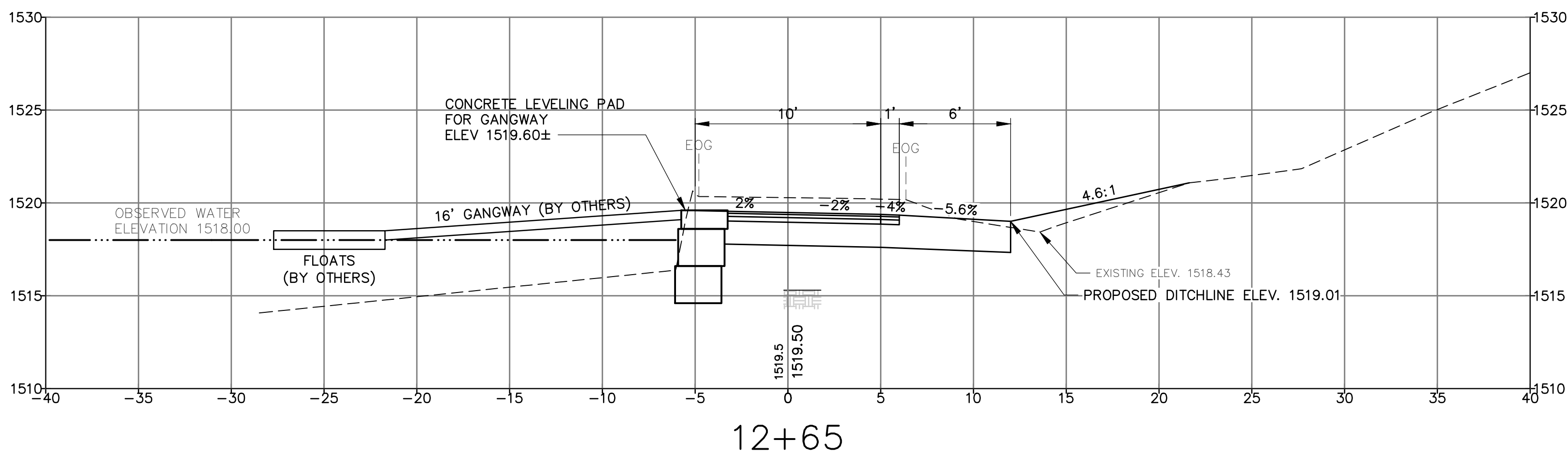
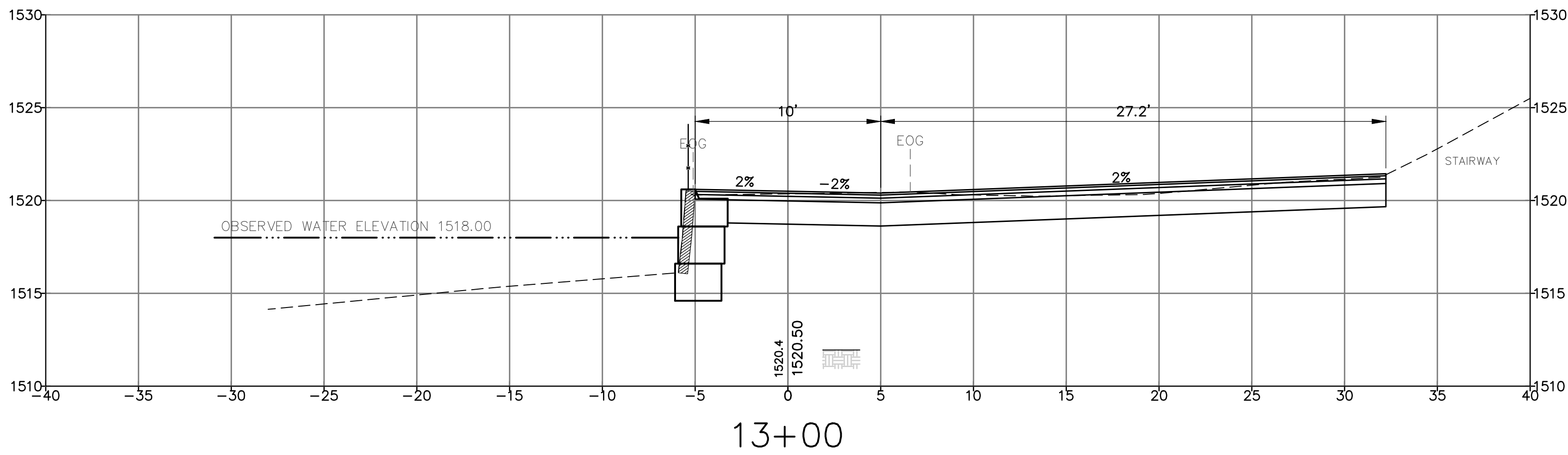
53 Front Street  
Bath, Maine 04508  
Tel: (207) 443-1508  
Fax: (207) 442-7029

**Civil/Environmental Engineering • Surveying**

CLIENT  
MDACF, BUREAU OF PARKS & LANDS  
22 STATE HOUSE STATION  
AUGUSTA, MAINE 04333

PROJECT BOATING FACILITY IMPROVEMENTS RANGELEY LAKE STATE PARK	TITLE CROSS SECTIONS STA. 12+00 TO STA. 13+00
----------------------------------------------------------------------	-----------------------------------------------------

SCALE	AS SHOWN	
PROJECT NO.	22012	
DRAWING NO.	22012 SECTIONS	
SHT.	8 of 13	REV 1



GRAPHIC SCALE  
( IN FEET )

0

5

10

20

1	10/18/2024	REVISIONS FROM PRE-BID MEETING	JET	RJP
0	10/3/2024	ISSUED FOR BIDDING	JET	JRP
REV	DATE	STATUS	BY	CHKD /APPD

MAINE PROFESSIONAL ENGINEER  
No. 16539  
JERRY ROBERT  
SITE OF MAINE

DESIGNED BY: JRP/RJP  
DRAWN BY: JET/JMT  
CHECKED BY: RJP  
APPROVED BY: JRP  
DATE: 10/3/2024

Pine Tree Engineering  
Civil/Environmental Engineering • Surveying

53 Front Street  
Bath, Maine 04530  
Tel: (207) 443-1506  
Fax: (207) 442-7029

CROSS SECTIONS  
STA. 13+50 TO STA. 14+50

PROJECT  
BOATING FACILITY IMPROVEMENTS  
RANGELEY LAKE STATE PARK

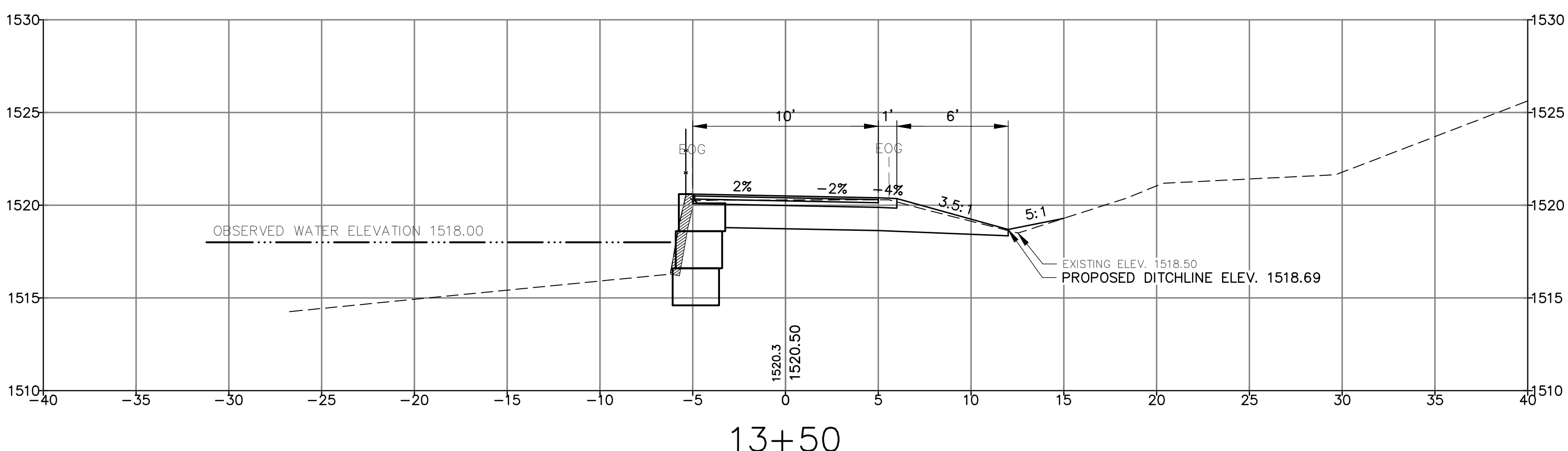
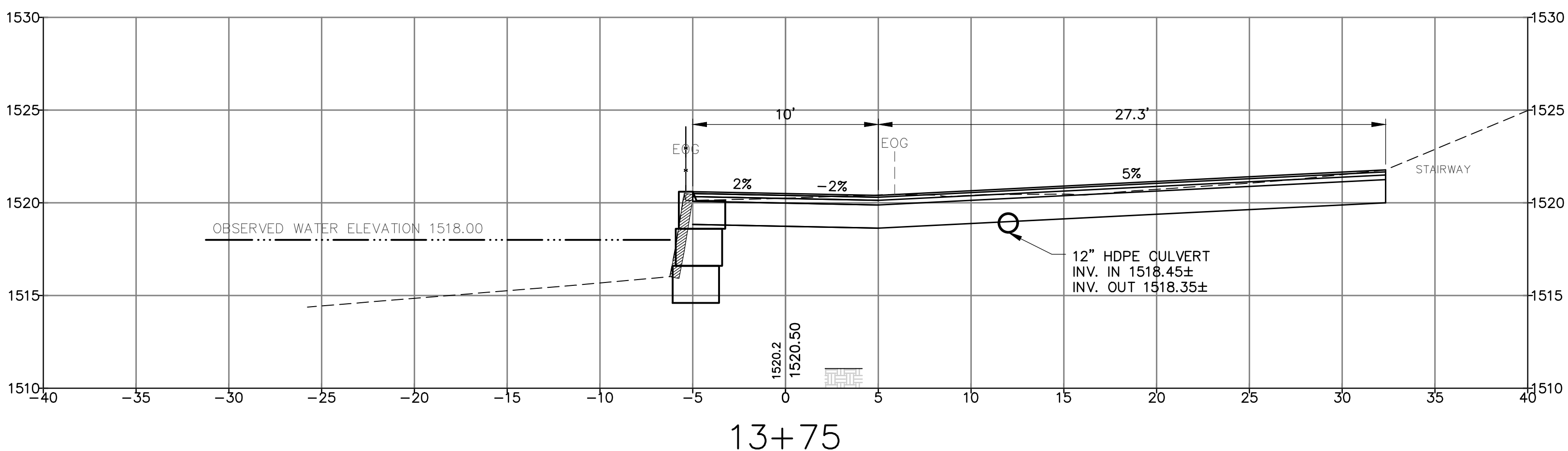
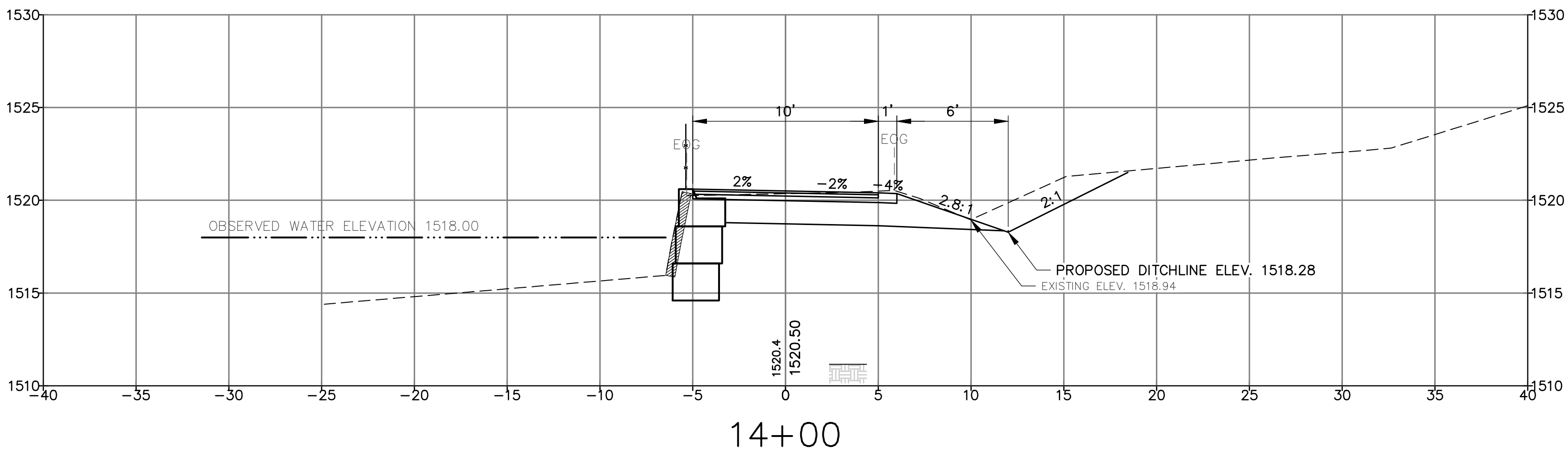
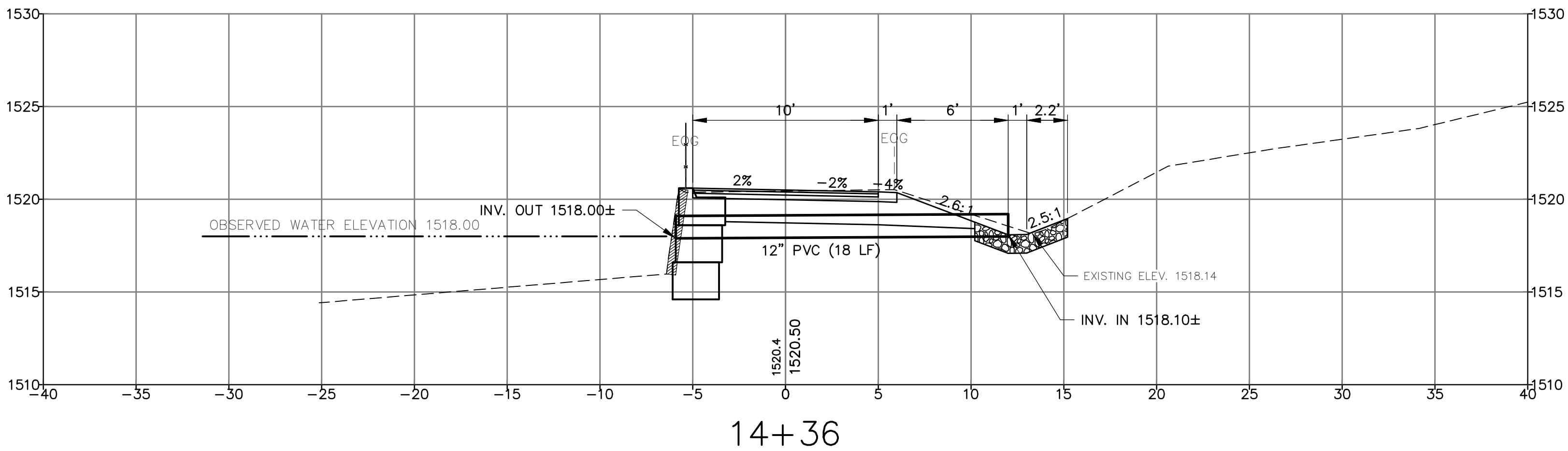
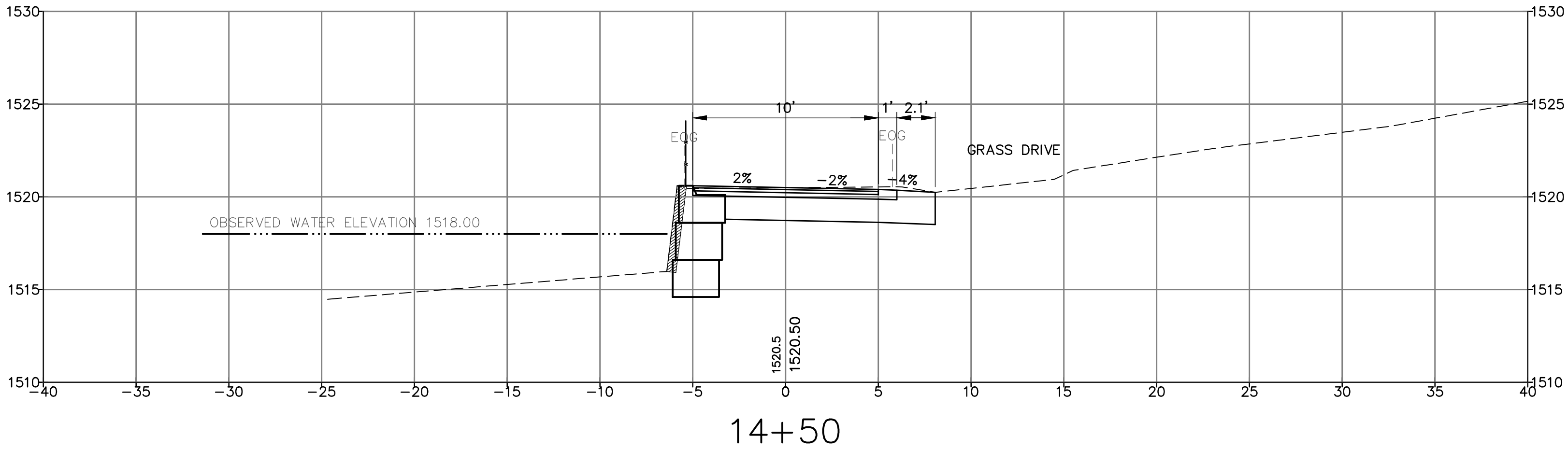
CLIENT  
MDAC, BUREAU OF PARKS & LANDS  
22 STATE HOUSE STATION  
AUGUSTA, MAINE 04333

SCALE  
AS SHOWN

PROJECT NO. 22012

DRAWING NO. 22012 SECTIONS

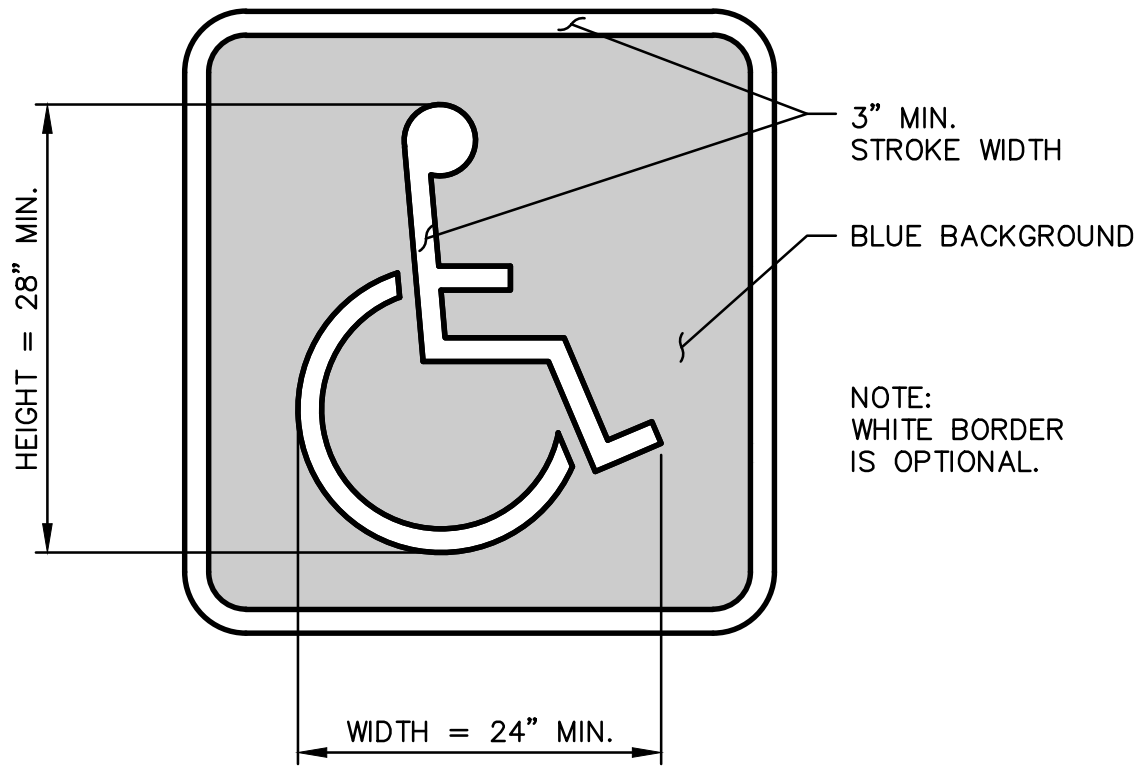
SHT. 9 of 13 REV. 1



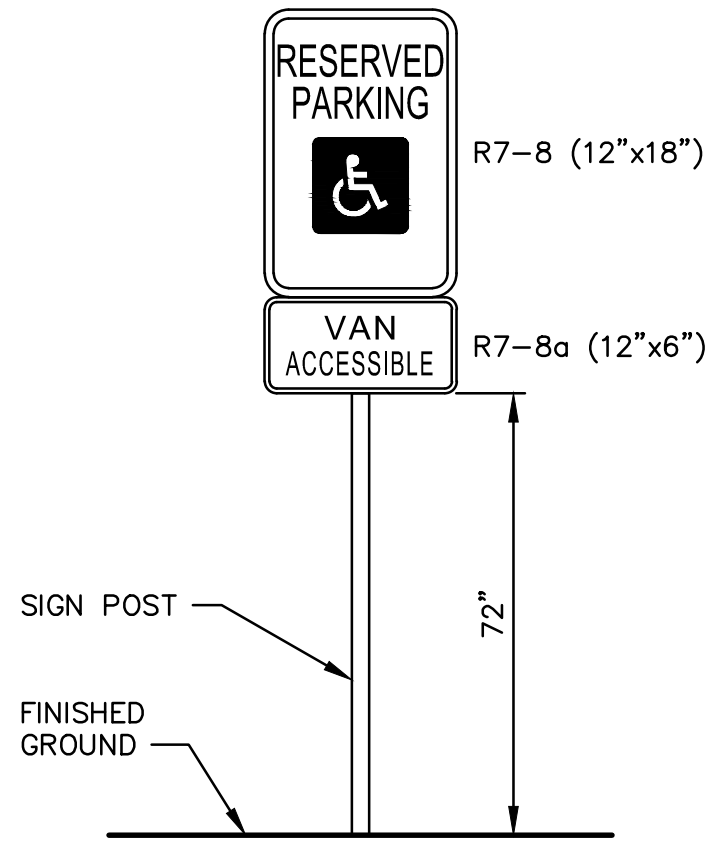




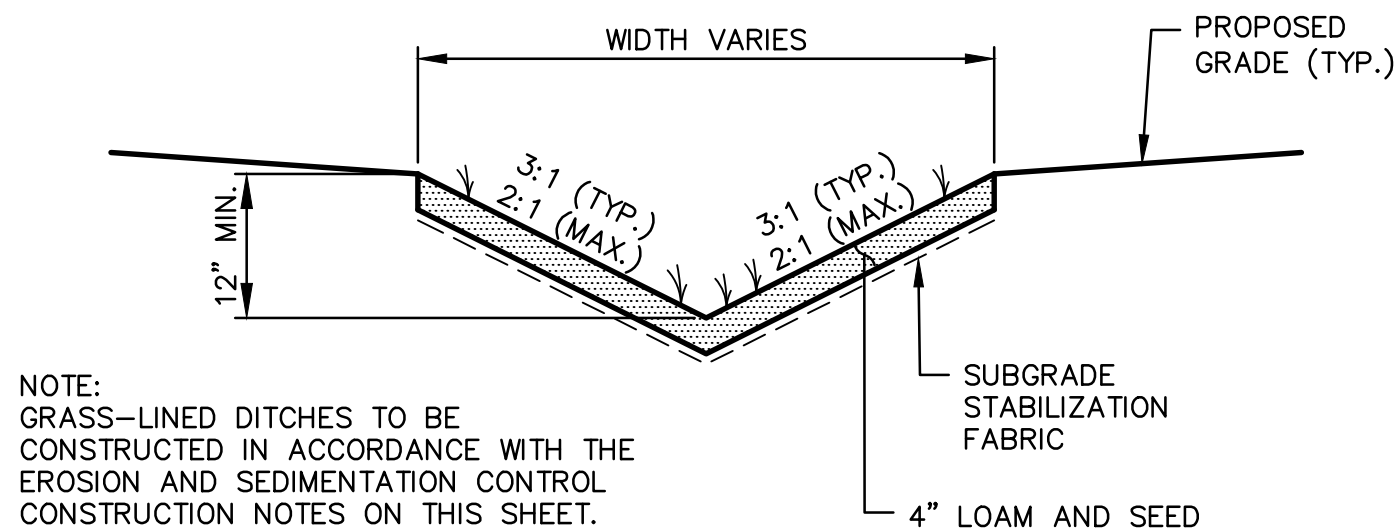




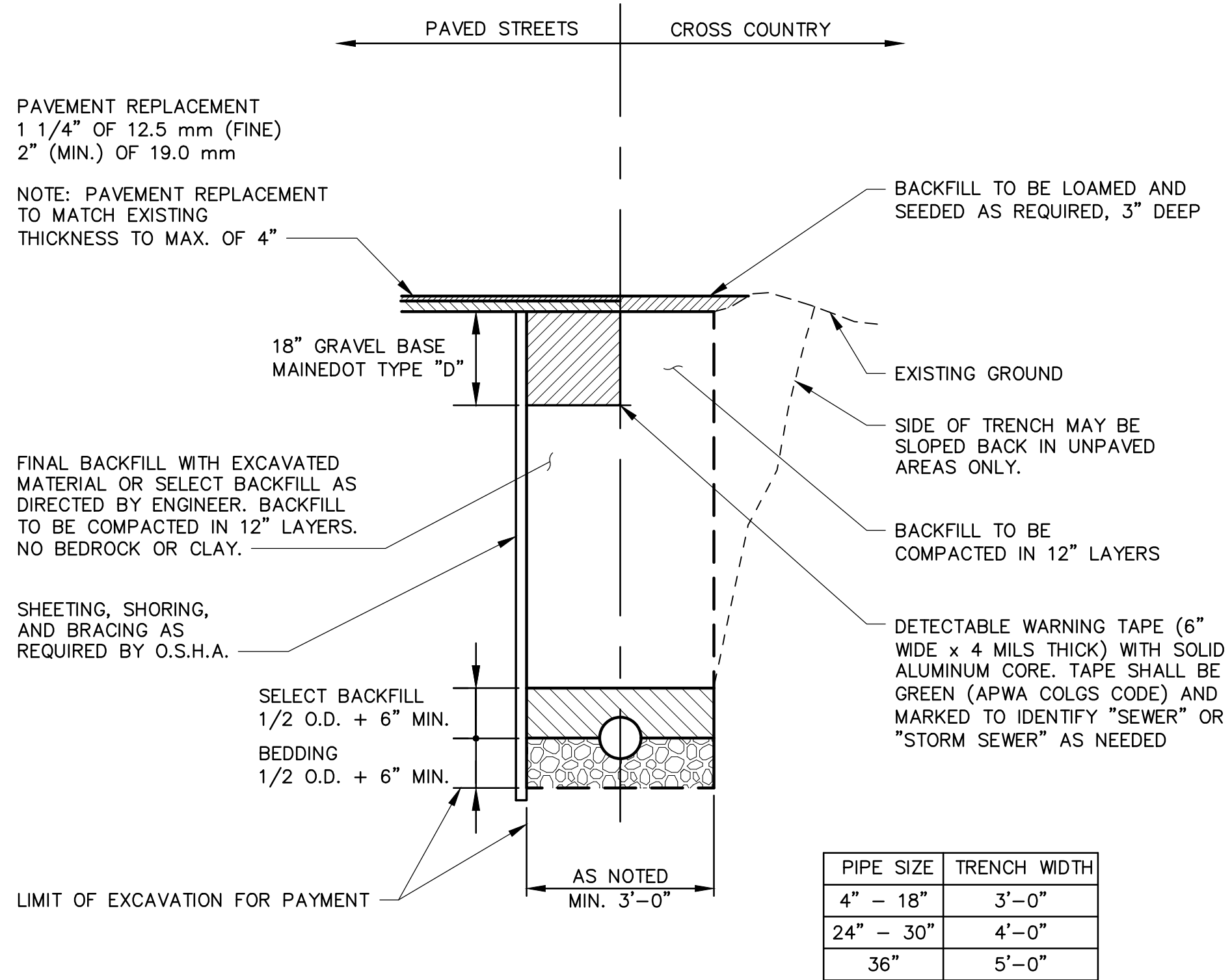
ADA PARKING SPACE MARKING DETAIL  
NOT TO SCALE



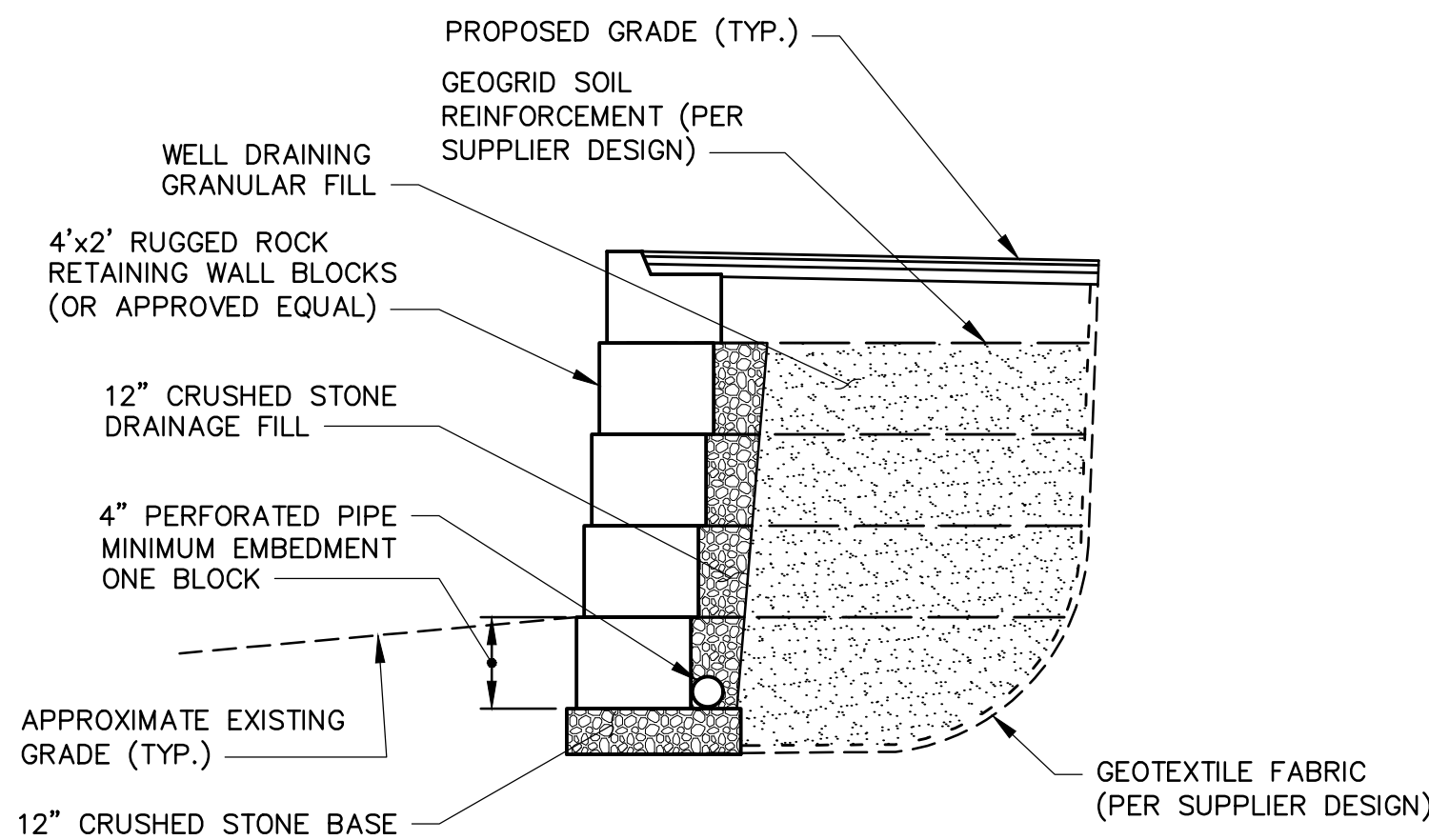
ACCESSIBLE PARKING SIGN DETAIL  
NOT TO SCALE



GRASS-LINED DITCH DETAIL  
SCALE: 1/2" = 1'-0"



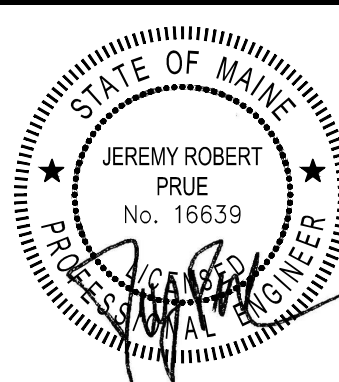
PVC/HDPE PIPE  
TYPICAL TRENCH DETAIL  
SCALE: 1/2" = 1'-0"



CONCRETE BLOCK  
RETAINING WALL DETAIL  
SCALE: 1" = 4'-0"

G:\Projects\2022\22012\dwg\22012 DETAILS.dwg  
10/18/24 2:16pm

REV	DATE	STATUS	BY	CHKD	APPD
1	10/18/2024	REVISIONS FROM PRE-BID MEETING	JET	RLP	JRP
0	10/3/2024	ISSUED FOR BIDDING	JET	RLP	JRP



DESIGNED BY:	JRP/RLP
DRAWN BY:	JET/JMT
CHECKED BY:	RLP
APPROVED BY:	JRP
DATE:	10/3/2024

Pine Tree  
Engineering

Civil/Environmental Engineering • Surveying

53 Front Street  
Bath, Maine 04530  
Tel: (207) 443-1508  
Fax: (207) 442-7029

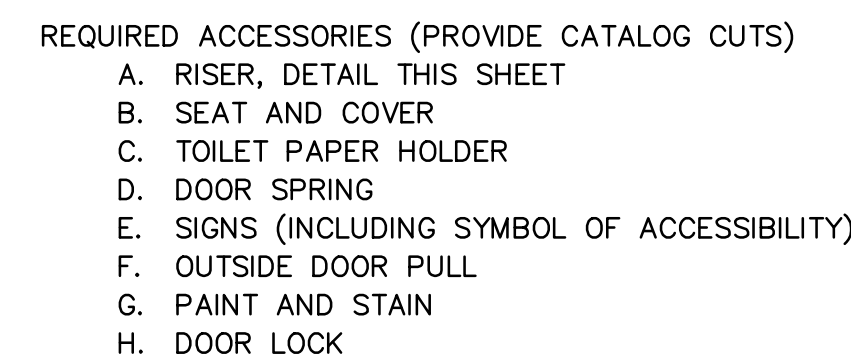
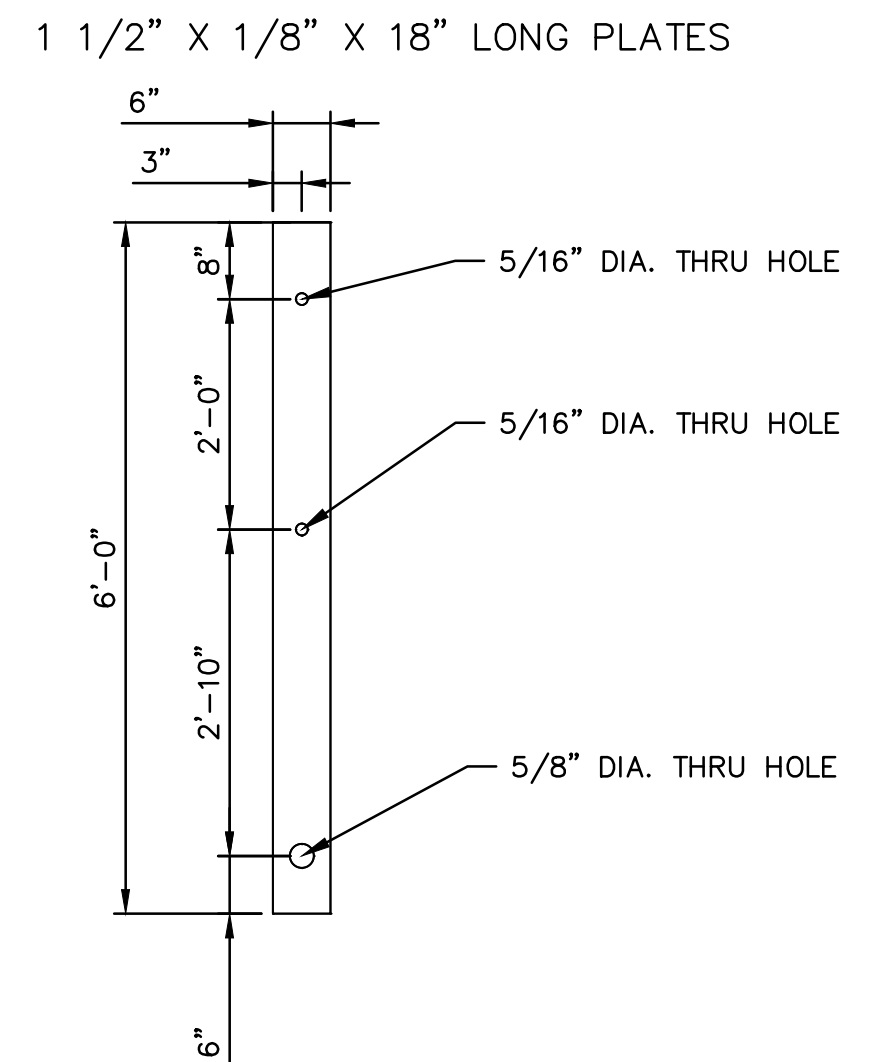
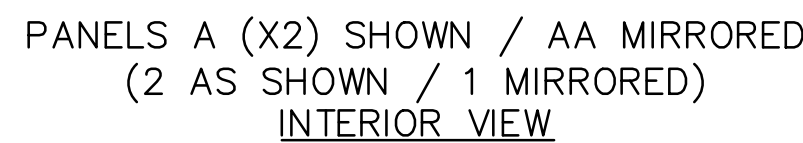
CLIENT  
MDACF, BUREAU OF PARKS & LANDS  
22 STATE HOUSE STATION  
AUGUSTA, MAINE 04333

PROJECT  
BOATING FACILITY IMPROVEMENTS  
RANGELEY LAKE STATE PARK

TITLE  
SITE DETAILS

SCALE	AS SHOWN
PROJECT NO.	22012
DRAWING NO.	22012 DETAILS
SHT.	12 of 13
REV.	1

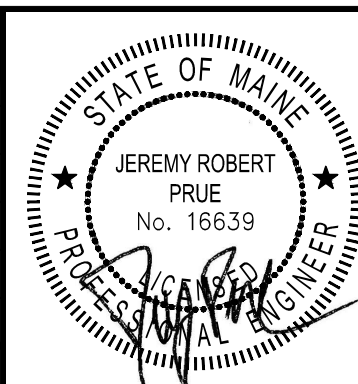




**PHYSICAL SPECIFICATIONS:**

COVER WEIGHT:	4,100 LBS
TANK WEIGHT:	7,575 LBS
TOTAL WEIGHT:	11,675 LBS
AVAILABLE CAPACITY:	1,386 GAL
(MAX.)	
WORKING CAPACITY:	1,000 GAL

1	10/18/2024	REVISIONS FROM PRE-BID MEETING	JET	RLP	JRP	
0	10/3/2024	ISSUED FOR BIDDING	JET	RLP	JRP	
REV	DATE	STATUS	BY	CHKD	APPD	



DESIGNED BY:	JRP / RLP
DRAWN BY:	JET / JMT
CHECKED BY:	RLP
APPROVED BY:	JRP
DATE:	10/3/2024

# Pine Tree Engineering

53 Front Street  
Bath, Maine 04530  
Tel: (207) 443-1508  
Fax: (207) 442-7029

Civil/Environmental Engineering ♦ Surveying

CLIENT
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MDACF, BUREAU OF PARKS & LANDS  
22 STATE HOUSE STATION  
AUGUSTA, MAINE 04333

PROJECT	BOATING FACILITY IMPROVEMENTS		SCALE	AS SHOWN
	RANGELEY LAKE STATE PARK		PROJECT NO.	22012
	TITLE	PRIVY WITH CLOSET DETAILS	DRAWING NO.	22012 PRIVY
			SHT.	13 of 13
			REV.	1