Scudder's Lane Boat Ramp Improvements

Public Information Meeting

November 21, 2024 Barnstable County Complex Harborview Room



Town of Barnstable Department of Public Works



Presentation Outline

- Changes Since Previous Plan
- Previous Stakeholder Input
- Existing Conditions
- Proposed Scope
- Schedule
- Contact Info
- Comments / Q&A

Changes Since Previous Plan

- Converting one existing parking spaces to accessible parking and one existing parking space to an access aisle, as required
- Constructing an accessible pedestrian ramp from the parking lot to the top of the beach, as required

Previous Stakeholder Input

- Key messages from 8/25/2021 meeting:
 - Keep it simple, minimize changes
 - Avoid Bay Street Boat Ramp issues (granite curbs, riprap at ramp edges, and poor traction)
 - Add parking and maintain space to maneuver
 - Maintain ability to drive off/onto ramp from each side
 - Improve stormwater runoff management
- Key messages from 11/16/2022 meeting:
 - The sides of the boat ramp need to be sloped with something people can drive over
 - Omit road widening for additional parking
 - Retain boulder outcrop at top of parking lot
 - Preserve the existing "charm"
 - Add a bike rack



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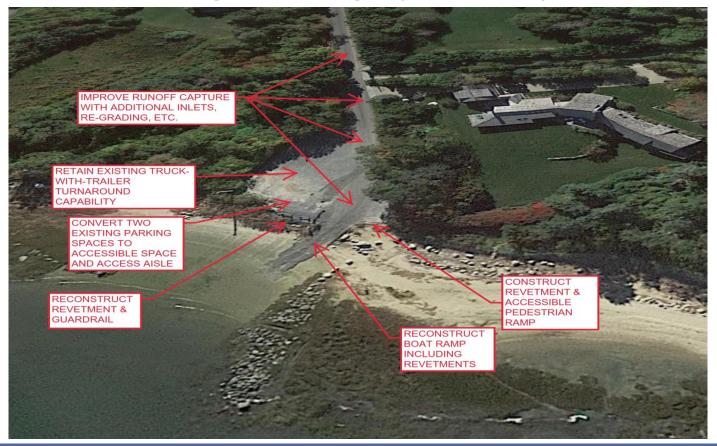
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Proposed Scope

- Reconstruct boat ramp with cement concrete including V-notches for traction
- Reconstruct revetments with boulders and steel-backed timber guardrails
- Install additional catch basins and re-grade where necessary to improve runoff capture, reducing erosion and sediment transport
- Convert two existing parking spaces to one accessible parking space and one access aisle, and construct an accessible pedestrian ramp to the beach
- Retain existing truck-with-trailer turnaround capability in parking lot
- Replant coastal vegetation after construction

Proposed Scope (continued)



Anticipated Schedule

Stake Holder Meeting	11/21/2024
NOI Hearing	12/17/2024 (File by 12/3/24)
MEPA (ENF) Filing	mid Dec. '24 to late Jan. '25
Ch. 91 Filing	Jan. '25 to Sep. '25
WQC & USACE Filing	Late Jan. '25 to Dec. '25
	Aug./Sep. '25
Contract Bidding/Award Construction	Aug./Sep. '25 Late Dec. '25 to Early Jun. '26

Project Contact

Paul Graves, P.E.

Senior Project Manager

Town of Barnstable Department of Public Works

774-487-0641 work/mobile 508-790-6400 main office

paul.graves@town.barnstable.ma.us

Project Website:

https://townofbarnstable.us/Departments/PublicWorks/Projects_and_Updates/Scudder-Lane-Boat-Ramp.asp

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Preliminary Plans

Prepared for The:

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ISSUE FOR PERMIT NOT FOR CONSTRUCTION

TOWN OF BARNSTABLE, MASSACHUSETTS

SCUDDER'S LANE BOAT RAMP IMPROVEMENTS

BARNSTABLE, MASSACHUSETTS

NOVEMBER 2024



LOCUS PLAN

Drawing Index

- 0.0 COVER SHEET
- 1.0 GENERAL NOTES
- 2.0 OVERALL EXISTING SITE PLAN
- 2.1 OVERALL PROPOSED SITE PLAN
- 3.0 EXISTING AND PROPOSED CONDITION PLAN 1
- 3.1 EXISTING AND DEMOLITION SITE PLAN
- 3.2 PROPOSED SITE PLAN
- 4.0 PROPOSED DETAILS
- 4.1 PROPOSED DETAILS 2
- 4.2 PROPOSED DETAILS 3
- 5.0 RESTORATION PLAN



AERIAL PLAN

Prepared by: PARE CORPORATION Foxboro, Massachusetts



GENERAL NOTES

- FOR THE PURPOSE OF THE PROJECT
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- ENGINEER PARE CORPORATION 19 LANCEAR ROAD, BUTTE 310 FOREORD, MA 62005 CORTACT TODO TURCOTTE, P.E., VICE PRESIDENT
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- RESOLVICE AREA BOUNDARIES WERE DELINEATED BY LAUREN GLUCK, P.W.B. AND ERIKA KLINIOMMER OF PARE CORPORATION ON JULY 14, 2022
- THE VERTICAL DATUM IS MEAN LOW WATER. CONTRACTOR SHALL ESTABLISH HORIZONTAL AND VERTICAL CONTROL AS NEGLINED TO ENABLE CORPLETENCE THE BORK.
- DOWNRALTOR IS SOLE Y RESPONSED FOR MEANS METHODS, AND SAFETY OF WORK
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- EXCLUSIVE THAT ACCOUNT EXPONENT AND FALSEWORK ARE PROVIDED TO THE EXISTING STRUCTURESS RESULTING IN A STRUCT AND SAME STRUCTURE AT ALL TIMES CONTINUETORS IS ADVISED THAT THE EXISTING SEAVERAL IS DETERIORATED. THEREPORE THE STRUCTURE AT ALL TIMES CONTINUE SYSTEMS I RECORD.
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- COMMENCEND WORK, THE CONTRACTOR BHALL VIOLTINE STE AND SHALL NOTIFY THE DASHEDT OF ANY ALUTLITES, STRUCTURES, OR ANY OTHER ELEMENTS THAT MAY IMPODE WORK, UTLITY AND/OR OTHER DESE F INCENSIVE SHALL BE CONTRACTOR THROUGH THE OWNERS ENDER AT NO ADDITIONAL OF
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VENITYING ALL DIMENSIONS. PLANS SHALL NOT BE SCALED FOR DIMENSIONS. NOTES, TYPICAL DETALS AND SCHEDULES APRY TO ALL WORK UNLESS OTHERWISE NOTED. FOR CONDITIONS NOT SPECIFICALLY SHOWL PROVIDE DETALS OF SMELAR NATURE, VEREY APRUCABLITY BY SUBATTING SHOP DEVENOD FOR
- THE CORTINACTOR SHALL BE RESPONSED FOR DEPOSAL OF ALL PROJECT DEMOLITION AND EXCESS WATERIAL IN ACCOMMANCE WITH LOCAL STATE, AND FEDERAL UNITS.
- THE GONTRACTOR BHALL PROTECT ALL ADJACENT STRUCTURES AND UTILITIES. THE CONTRACTOR BHALL RE RESPONSEL FOR REPAR OF ALL DAMAGE TO ADJACENT STRUCTURES AND UTILITIES AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR WILL BE REQUIRED TO SUBJECT A CONSTRUCTION SCHEDULE TO THE OWNER WITHIN 5 DAYS OF THE NOTICE OF ANAME. THE CONTRACTOR BHALL WOATE BEHECKER AS INFERED THROUGHOUT THE COURSE OF WORK.
- OF ADAMS THE CONTRACTOR BASIL STORENT EXPERIENCE THE CONTRACT THE CONTRACT OF ADAMS OF ADAMS
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT ALL CONSTRUCTION DEBRIS ON WARTS FROM FALLING INTO THE WATER ANY DEPRESSION OF THE WATER HAN LIKE PROCEEDING AND PROPERTY DEPOSITION.
- THE CONTINUED BHALL POLLOW ALL OSHA, PEDERAL, STATE, AND LOCAL STANDARDS THE CONTINUED BHALL BE BOL INSTRUMENTAL FOR ALL BITS SAVETY PROCEDURES AND PRACTICES INSTANDLESS OF THE PRESENCE OF THE OWNER OR PROMPTRY.
- ALL CONSTRUCTION ACTIVITIES INHALL BE CONFINED TO THE LIMITS OF WORK AND TEMPORARY BAREMENTS DEFINED HEREIN. THE CONTRACTOR DIALL MANY AN A SECONE SITE AND PROVIDE APPROPRIATE SAFETY MURLINES TO PREVENT ACCESS/T THE SAFETY MEASURES SHALL INCLUE, BUT NOT RE LIMITED TO SIGNADE, SAFETCARES, FLADING WARNING LIGHTS, AND POLICING F INDESSAFET.
- IN CASE OF CONTINUED TORNETWEEN THE DRAWWER, THE EPECIFICATIONS, AND THE CODES, OR IF ANY CHANGE IS RECURSED, THE CONTINUED IN MALE MYORM THE ENDINEER INSERDIFIELY. NO CHANGE BHALL BE MADE WITHOUT WRITTEN ADVICUL, OT HE CONSERVED.
- Where of the devices:
- ANY ITEMS REFERENCED AS BEING ON "HOLD" SHALL BE RELIDED IN THE WORK AS SHOWN BUT NO DETAILING OR FAMILIATION IS TO BE DOWE LATE. THE HOLD REFERENCE IS REMOVED.

CONCRETE NOTES

- 1. CONCRETE WORK SHALL CONFORM TO THE LATEST EDITION OF ACT 216 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND 760 CMR MARSHOR ARTTS 87ATH BUILDING CODE. 2. CONCRETE BHALL BE PROPORTIONED, MORE, AND PLACED UNDER THE SUPERVISION OF THE APPROVED TESTING ADDRESS
- 2 CONCRETE DIVILLER NORMAL WEIGHT, WITH TYPE I CEMENT, AND DIVILL HAVE A MINIMUM COMPRESSION STRENGTH AT 28 DAYE OF 4 200 PTIL ALL CONCRETE DESIGN MARE RHALL BE SUMMITTED TO THE ENGINEER FOR REVEN AND APPROVAL.
- 4 ALL CONCRETE INALL BE ARLENTRANED WITH AN ARL CONTENT OF ITS == 1%
- 5 ALL EXPOSED EDGES SHALL BE CHAMPERED 1" X 45 DEGREES UNLESS NOTED OTHERWISE.
- 6 WHEN CONCRETE IS PLACED AGAINST PREVIOUSLY INVOLVED CONCRETE. THE INTERPADE SHALL BE CLEAN PREC OF LAURINGS AND INTERVISIONLY RECEIPENDE OF RANKED TO FILL AMPLITUDE OF APPROXIMATINELY IN INCH. 7. CONCRETE WARHOUT OPERATIONS TO DRIVITHEN THE WATERNAY MUST NOT TAKE PLACE AT ANY TIME.

CONCRETE REINFORCING NOTES:

- 1. REINFORCING BARS SHALL BE DETAILED IN ACCORDANCE WITH ACLIDIS. TRETALS AND DETAILING OF CONCRETE REINFORCEMENT: AND THE WARRACHURTTS BTATE BUILDING CODE.
- 2. COMPLETE SHOP ORWINGS AND SCHEDULES OF ALL REINFORCING SHALL BE PREPARED BY THE CONTRACTOR AND SUBRITIES TO THE EXEMPLEY FOR APPROVING PROOF TO COMMISSIONER OF THAT PORTORS OF THE WORK, ALL ACCESSORES MUST BE INFORM ON THE INFORM SHOP DISJUNCE.
- 3 REAFORCING MAT SHALL BE GALVANIZED AND CONFORM TO WIRE REINFORCEMENT INSTITUTE.
- 4. REWFORCING BARD SHALL BE BALLIAN/QED AND CONFORM TO ASTM ALLS OR ARDL (HELDABLE) GRADE IN
- ALL SUPPORTS BUCH AS DAARD, SCREETER, SPACERS, SLOCKE AND HANDERS BARL, MI OF NON CORRESPONDENT MAT BLOCKS SHALL BE MADE OF 4.000 PS (UN RESPONDED) CONCRETE.
- 6 UNLESS HOTED ON THE DRAWWOOS, THE MINIMUM CONCRETE PROTEOTION IOLEAR COVERS FOR CAST-4-PLASE CONCRETE COVER MAN, 48 AN FOLLOWS
- A FORMED CONCRETE EXPOSED TO EARTH OR WATER 2-10"
- 7. MINIMUM REAFORCEMENT DEVELOPMENT LENGTH BIALLINE ACCORDANCE WITH ACCIDE FOR CLASS & LAPS UNLESS NOTED. ALL REINFORCEMENT SHILL BE CONTINUOUS THROUGH CONSTRUCTION JOINTS, UNLESS NOTED OTHERWISE, BARS SHILL BE CONTINUOUS AND SHALL RUN CONTINUOUSLY AROUND CONDITING AND LAPPING AT INICIDENCY SPLICES OR HEDRED AT

LUMBER NOTES:

- 1. ALL NEW LAMERY BHALL BE BOUTHERN VELLOW PILE NO. 1 OR BETTER AM-1.200 PEG.
- 2. NEW LIAMEN BANLE RE PRESSURE TREATED TO AWAS STANDARD LICER UNLESS OTHERWARE NOTED.

SPILL PREVENTION CONTROL NOTES:

- 1. SPELS AND LEAKS SHALL BE AVOIDED THROUGH PRESURINT INSPECTION OF EQUIPMENT AND MATERIAL STORAGE AREAS, AND EMAIL BE REMEMATED AND REPAINED AS INCESSIONY.
- HADRECUS INFERRAL STORAGE TO BE PLACED ONLY IN DESIGNATED ANEAS. MATDRIAL STORAGE TAXAS SHALL BE INVERTINGLY INFECTED FOR LEASY CONTINUERS, OFEN CONTINUERS, OR INFROMMER STORAGE TECHNIGUES THAT MAY LEAD TO SPELLS OR LEASY.
- 3 ADDROPTIATE SPILL REINDIATION PROCEDURES AND SUPPLIES SHALL BE READLY AVAILABLE ON-SITE TOOLS AND SUPPLIES BUAL BE CLEARLY MARKED NO THAT ALL PERSONNEL CAN LOCATE AND ACCESS THEM SUPPLIES.
- 4 SPEL REVERSION SHALL BE PROFONDED ABJEDINGLY CONTRACTOR SHALL FOLLOW PROPER RESPONSE PROCEDURES IN ACCORDANCE WITH ANY APPLICABLE REGISLATIONY REQUIREMENTS.
- A AT NO THE BHALL BPLLS RE DIVERTED TOBUSD STORM DRAMS OF TO THE WATERWAY.
- 6 EQUIPMENTATIONALE FUELING AND REPAYSION ITENANCE OPERATIONS SHALL THE PLACE ONLY WITHIN DESIGNATED STAGING APPLIES.
- 7. THE EQUIPMENT OPERATOR SHALL PLALY MONITOR PUBLING OPERATIONS TO EQUIPMENT AND VEHICLES AT ALL TIMES. A MY RELACE INSUL BE INSULTED Y CLEANED WITH REUL KITE KEPT ON ATT.
- 8 IN THE CASE OF SMALL MADUNTS OF SOR, CONTAMINATION, SUCH SOL SHALL BE PLACED IN MI GALLON DRIMS FOR DISPOSAL BY A LECKED INZARIOUS WARTE HALLER AT NO ADDITIONM. COST TO THE OWNER.
- IN THE CASE OF A LANCE AMOUNT OF SOL. CONTAMINATION OF DISCHARGE TO THE WATERWAY, MASSACHUSETTS OF APPLICABLE AURINESS INVALUE IN NOTTHED AS INCLUDED. A NUMPEOID WATER INMEDIATION FMILLING CONTAULUE CONTI-TO RESINGE AND DEFORE OF THE CONTAMINATED MITERIAL OR CONTAINE THE BELLA IT AN ADDITIONAL, DOI: TO THE

EROSION CONTROL NOTES:

- 1. BROKEN AND INCIDENT CONTROLS TO BE INSTALLED AS REQUIRED FOR AND AS DETERMINED BY THE INCIDENT, OWNER, ON REGULATORY AGENCY.
- 2. CONTINUETOR INVALL MAINTAIN ALL REGISION CONTROL DRIVICES FOR THE DURATION OF THE PROJECT.
- 3 CONTRACTOR BALL PREVENT SEEMENT FROM ENTERING THE WATERDAY VIA DISCHARGES THROUGH ANY DRAMAGE STRUCTURES OF RUNOFF FROM WITHIN THE UNITS OF WORK.
- 4. CONTINUED IN SHALL BE RESPONSELE FOR REMOVING, RESTORING AND REPAIRING ALL DAMAGE AS A RESULT OF UNAUTHORIZED WORK OR DISCHARGES AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN TURBERTY BARRERS AS INDICATED IN THE CONTRACT COCUMENTS. TURBERTY BARRERS BAAL HE AND/ORD INCLURELY AN TO ENSURE COLLECTION OF INSTANCES AND ENVIRE THE WORK TO BE DEPENDENT.
- 7 THE LIMITS OF EROSION CONTROL SAMPLENS SHALL BE ADJUSTED ON EXPANDED AS FIELD CONDITIONS WARRANT.
- 8. ALL ERCEICH CONTROL BANNERS BHALL BE NEPHCTED AT LEAST ONCE PER WERK. ANY DAMAGED AREAS OF THE ERCEICH CONTROL NAMERS AND L OF DESARDO INTOIN 34 HOLES OF DESCOURTY.
- IS THE TURBLETY MANNER BHALL BE NETALLED INVOR TO COMMENCEMENT OF WORK AND BHALL REMAIN IN PLACE UNTIL ALL WORK IS COMPLETED.
- 11. CONSTRUCTION SITE WASTE MATERIALS SHALL BE PROPERLY CONTAINED ONSITE AND DEPOSED OVER SITE IN ACCORDANCE WITHALL APPLICABLE LOCAL AND STATE REGULATIONS.
- ALL DISTINUITIES AND AS SHALL BE STABLIZED WITHIN IN DAYS OF COMPLETION OF WORK IN THAT AND A THE CONTRACTOR SHALL NOT REMOVE ANY STRAW BALLS, SET THE OR OTHER ENDSON CONTROLS UNTIL THE CONTROL THE DRAWNER WARMAN AND REMOVEMENT OF STRAIL FOR



1. PROR TO PROJECT COMMENCEMENT, NOTIFY AND COORDINATE WITH ALL STATE, LOCAL AND FEDERAL AUTHORITIES AS RECURRENT

MOBILIZE CONSTRUCTION EQUIPMENT AND PERSONNEL TO THE BITE. UTLIZATION OF A STAGING AREA WILL BE COORDINATE WITH THE TOMS OF INDUSTRIE E AS APPROPRIATE AND AN INCREMENTY.

CONCRETE NOTES-

2. DEMOLISH EXISTING TABLE PALINES.

4. PHEPARE PLEEDRACE FOR RAMP CONSTRUCTION





TYPE 1 EROSION CONTROL



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PARE

SCALE ADJUSTMENT GUID BAR IS ONE INCH ON

MASS

BARNSTABLE,

BOAT

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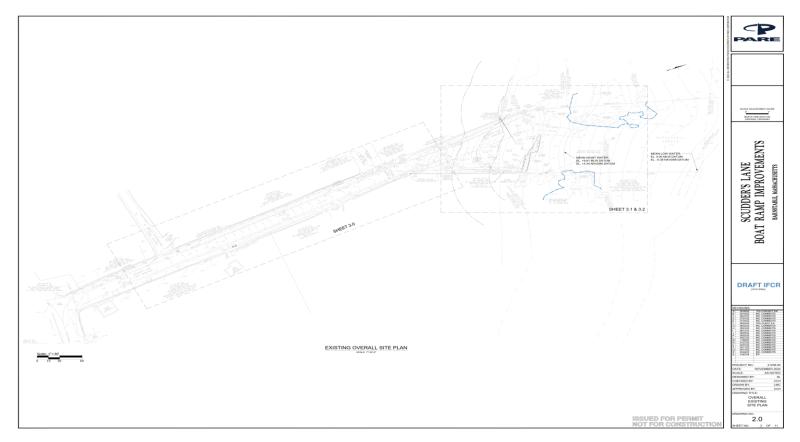
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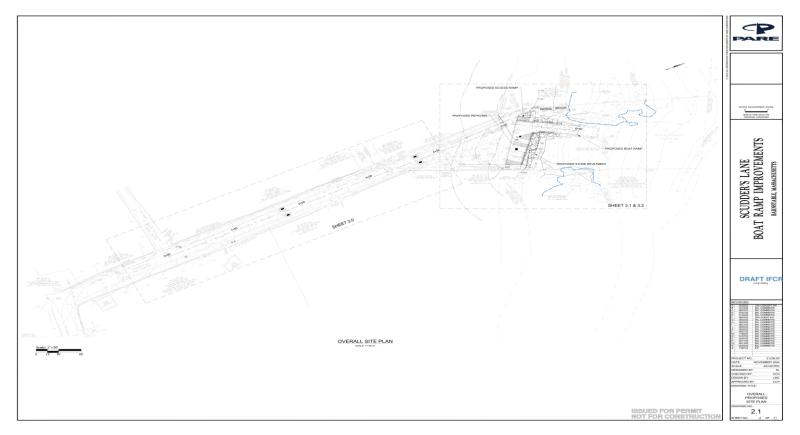


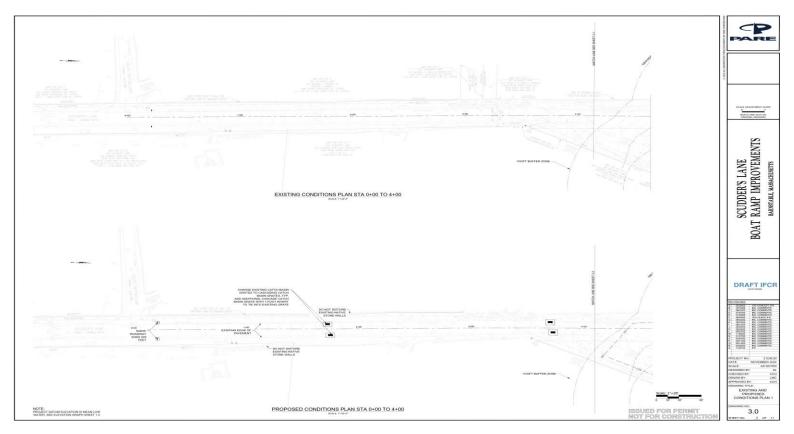


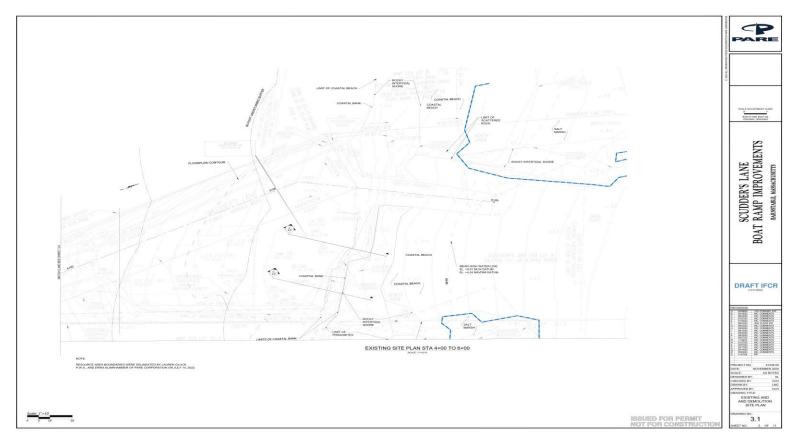
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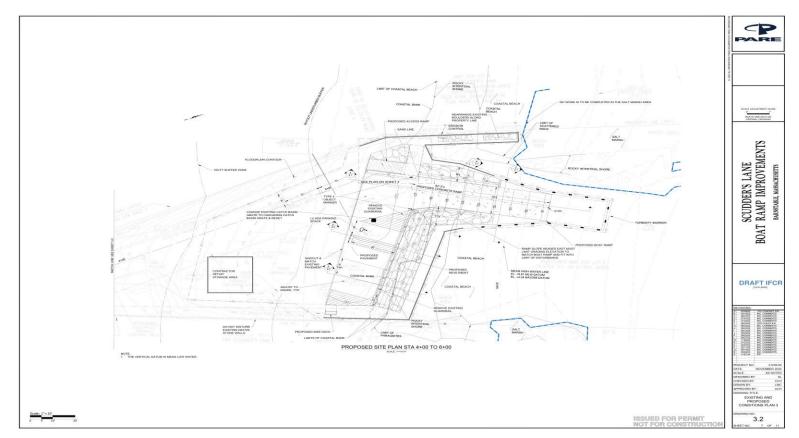


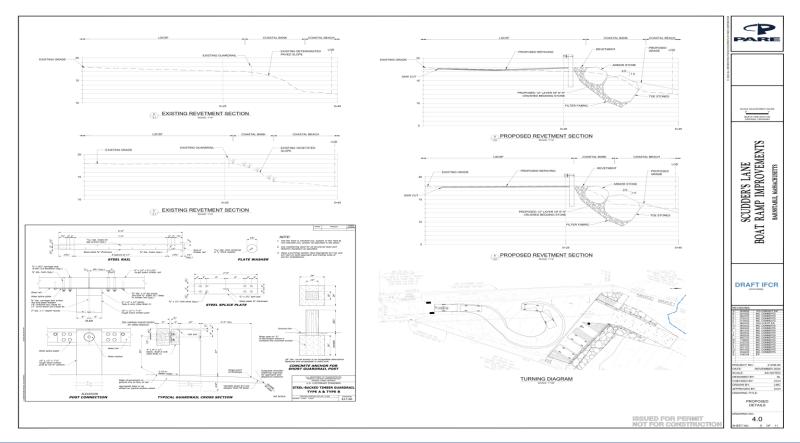




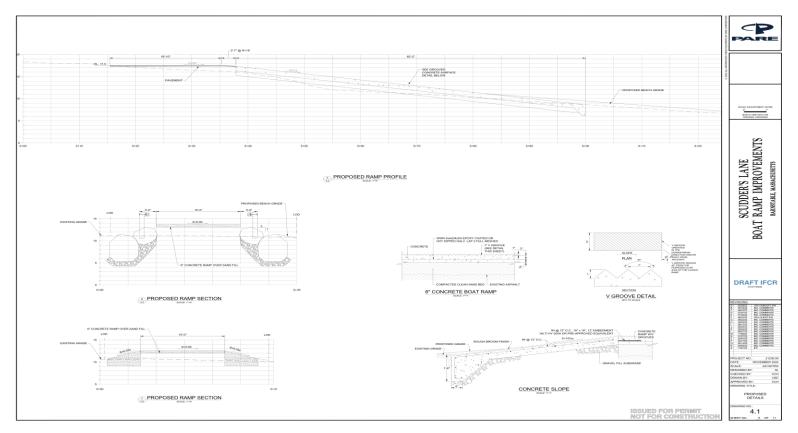
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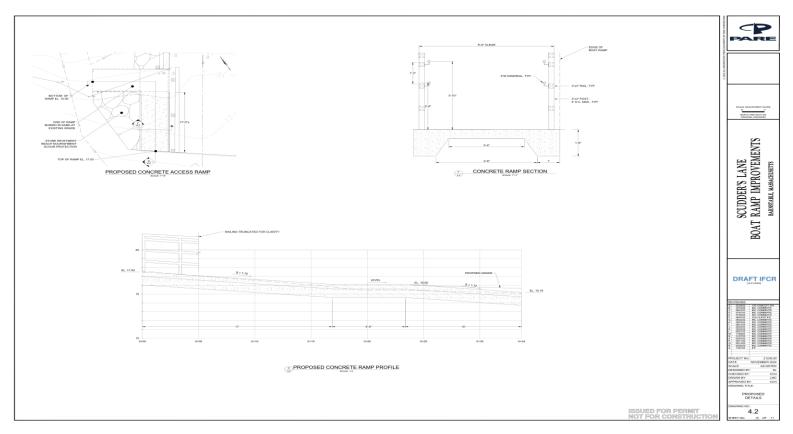
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