

CENTRAL FALLS LANDING BOAT DOCKING AND RECREATION FACILITY

CENTRAL FALLS, RHODE ISLAND

PREPARED FOR:
CITY OF CENTRAL FALLS
580 BROAD STREET
CENTRAL FALLS, RI 02863

LEE M. MATTHEWS, MAYOR
MERRICK A. COOK JR., DIRECTOR OF PLANNING

LEGEND

SYMBOL	DESCRIPTION
	EXIST. CONTOUR
	PROPOSED CONTOUR
	EXIST. SPOT ELEVATION
	PROPOSED SPOT ELEVATION
	EXIST. STREET LINE
	EXIST. GAS LINE
	EXIST. WATER LINE
	EXIST. SANITARY SEWER LINE
	EXIST. OVERHEAD WIRES
	EXIST. PROPERTY LINE
	EXIST. EDGE OF TREE LINE
	EXIST. EDGE OF RIVER
CB □	EXIST. CATCH BASIN
MH ○	EXIST. MANHOLE
◇	UTILITY POLE
WG ○	WATER GATE

INDEX OF DRAWINGS

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6	DETAIL PLAN NO. 2
7	FLOATING DOCK DETAILS

SIEGMUND AND ASSOCIATES, INC

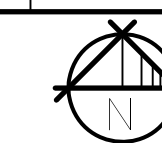
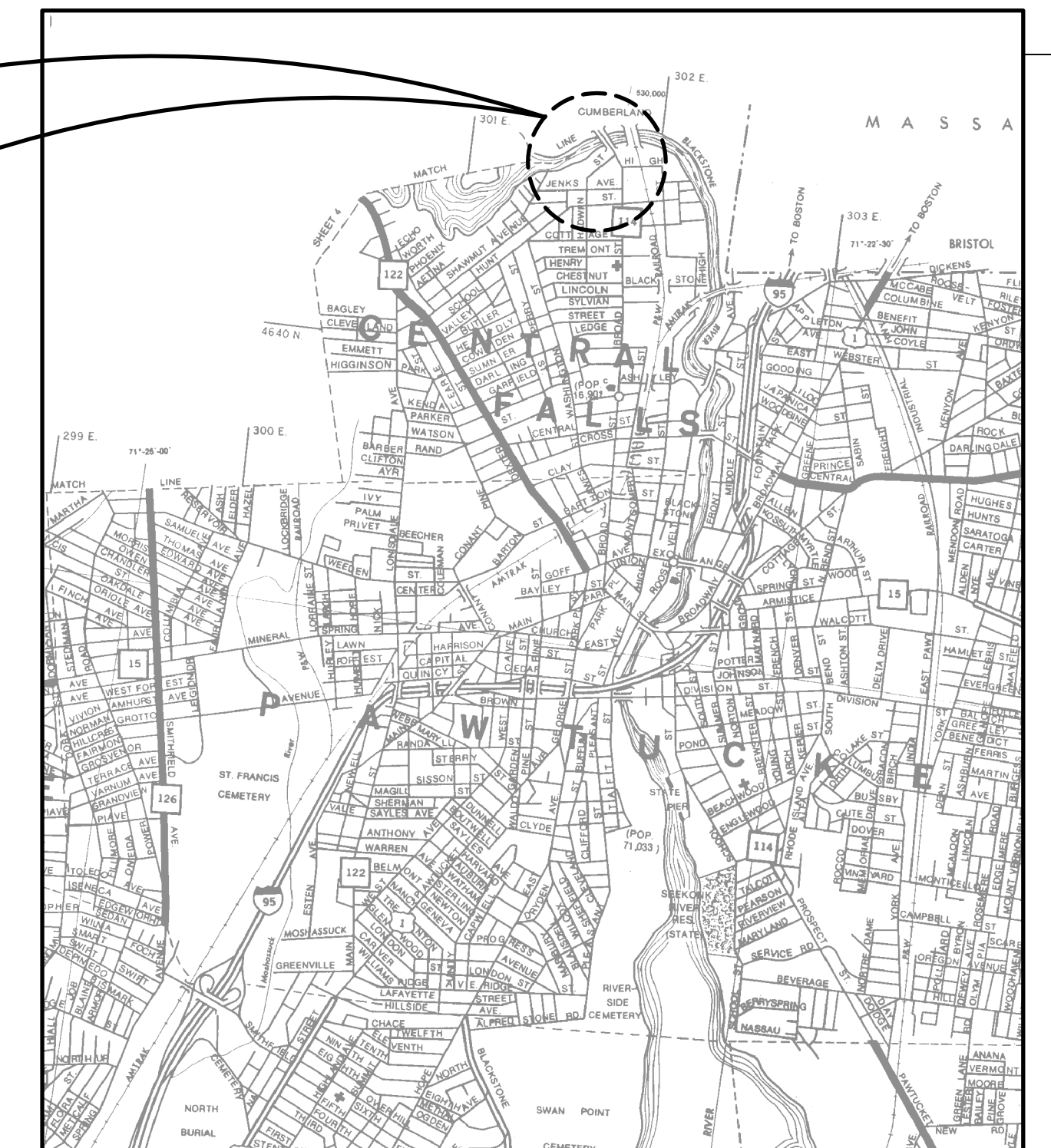


CONSULTING ENGINEERS

49 Pavilion Avenue
Providence, Rhode Island 02905

Phone 401 785.2600

PROJECT
LOCATION



LOCATION MAP

NOT TO SCALE

EROSION CONTROL AND SOIL STABILIZATION PROGRAM

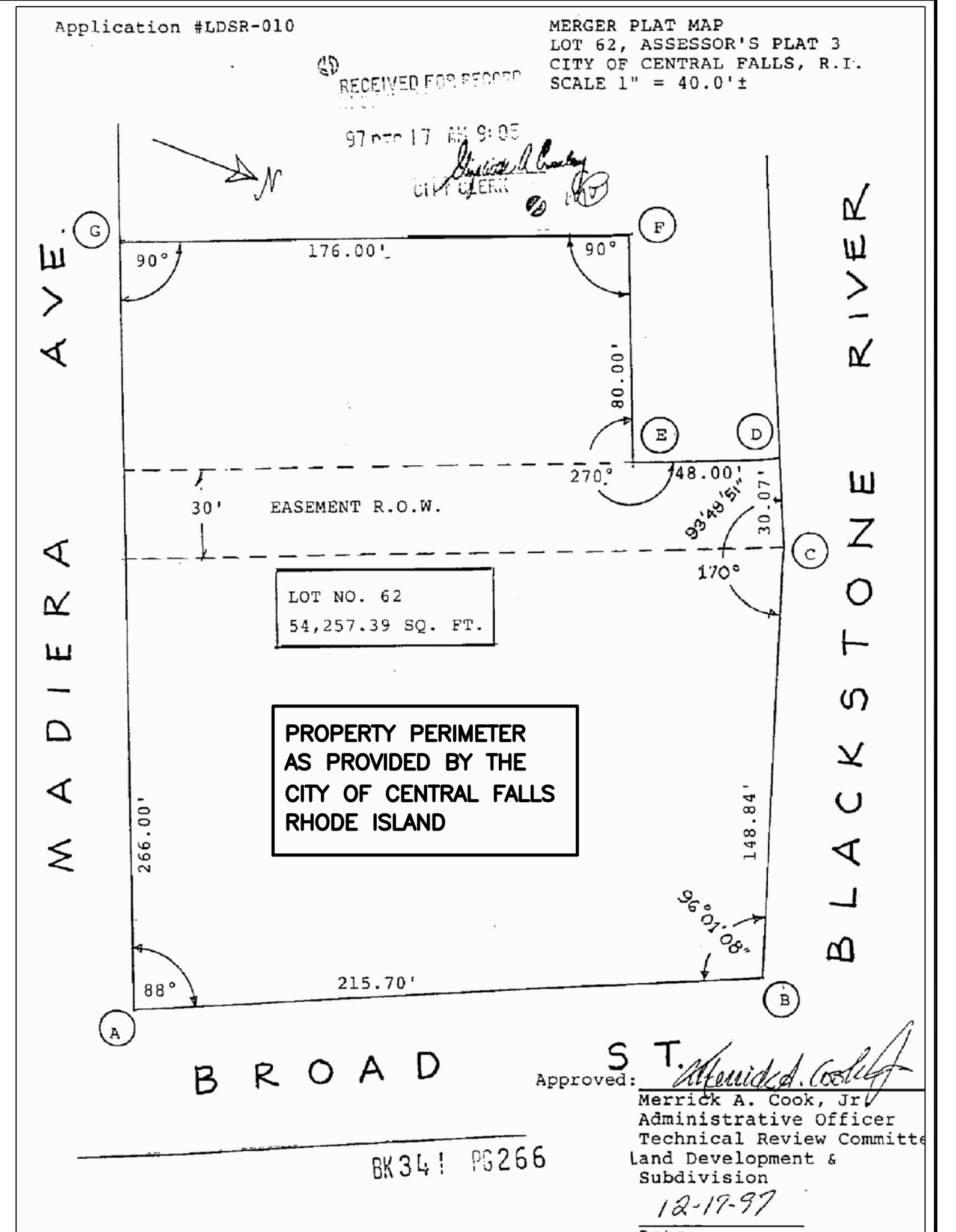
- EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING WETLANDS, THE ROADWAY DRAINAGE SYSTEM AND ADJACENT PROPERTY.
- STAKED HAY BALES OR SILT FENCES SHALL BE INSTALLED WHERE SHOWN AND AS REQUIRED TO PREVENT SEDIMENTATION ONTO ADJACENT PROPERTIES.
- DENUDED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON.
- ALL DISTURBED SLOPES, EITHER NEWLY CREATED OR EXPOSED PRIOR TO OCTOBER 15, SHALL BE SEEDED OR PROTECTED BY THAT DATE.
- TEMPORARY TREATMENTS SHALL CONSIST OF HAY, STRAW OR FIBER MULCH OR PROTECTIVE COVERS, SUCH AS A MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, EXCELSIOR BLANKETS). THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE OWNER.
- HAY OR STRAW APPLICATIONS SHALL BE IN THE AMOUNT OF 3,000-4,000 LBS./ACRE.
- ALL HAY BALES OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED AND POTENTIAL SEDIMENTATION SOURCES ARE REMOVED.
- STOCKPILES SHALL HAVE NO SLOPE STEEPER THAN 2:1 AND SHALL BE SURROUNDED BY STAKED HAY BALES.
- STOCKPILES EXPOSED FOR EXCESSIVE PERIODS SHALL RECEIVE TEMPORARY TREATMENT CONSISTING OF HAY, STRAW OR FIBER MATTING.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MAINTENANCE AND SHALL INSPECT/REPLACE AS NEEDED.
- ADDITIONAL HAY BALES OR SANDBAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER, OWNER, TOWN REPRESENTATIVES OR R.I.D.E.M.
- THE CONTRACTOR SHALL REFERENCE THE "R.I. EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, 1989, AS A GUIDE.

FLOATING DOCK CONSTRUCTION NOTES

- FLOATING DOCKS
 - TIMBER PILES ARE TO BE SOUTHERN YELLOW PINE AND ARE TREATED WITH CCA SOLUTION TO A MINIMUM RETENTION OF 2.5 PCF.
 - TIMBER PILES SHALL BE 12" MIN. WHEN MEASURED 3' FROM BUTT AND MUST HAVE A 7" MINIMUM TIP.
 - STEEL PIPE PILE SHALL BE AS SHOWN ON DETAIL 4 SHEET 7.
- METHOD OF DRIVING PILES TO BE APPROVED BY ENGINEER PRIOR TO START OF WORK. PILES MUST BE LOCATED SO THAT HOOPS AND ROLLS FUNCTION AS DESIGNED WITH ALL PROPER CLEARANCES.
- ALL FRAMING MEMBERS AND DECKING TO BE 1500 PSI SOUTHERN YELLOW PINE.
- ALL FRAMING MEMBERS ARE TO BE ROUGH SAWN S2S CCA SOLUTION TREATED TO PROVIDE A MINIMUM RETENTION OF 2.5 PCF. DECK PLANKING FENCE RAIL ASSEMBLY IS TO BE ROUGH SAWN S4S TREATED WITH CCA SOLUTION TO PROVIDE MINIMUM RETENTION TO 0.6 PCF.
- ALL HARDWARE AND FASTENERS TO BE HOT-DIPPED GALVANIZED EXCEPT WHERE CAST IRON IS SPECIFIED. ALL INTERNAL BOLTS AND STRUCTURAL ELEMENTS MUST BE AVAILABLE FOR INSPECTION AT THE PROJECT SITE PRIOR TO COMPLETION OF THE DOCKS.
- USE GALVANIZED WASHERS UNDER ALL FLAT HEADS AND NUTS IN CONTACT WITH WOOD.
- ALL DECK PLANKING FOR THE FLOATING DOCK TO BE 2"x6".
- DECK PLANKING TO BE SECURED WITH 5/16 X 7" GALVANIZED SPIRAL NAILS-TWO PER STRINGER. DRILL PLANK AS REQUIRED TO PREVENT SPLITTING.
- ALL CUTS, HOLES, JOINTS, NOTCHES, AND ABRASIONS OF TREATED MATERIAL SHALL BE FIELD PROTECTED WITH THREE COATS OF #10 CUPRINOL OR EQUIVALENT. PILE BUTTS SHALL BE FIELD TREATED WITH FIBERGLASS FIBER AND RESIN CAP.
- DESIGN LIVE LOADS & DEAD LOADS FOR THE DOCKS SHALL NOT BE LESS THAN 50 LBS/SF.
- SUBMITTAL OF SHOP DRAWINGS FOR DOCKS IS REQUIRED.

GENERAL NOTES

- FOR ALL EXCAVATION AND PLACEMENT OF FILL, THE CONTRACTOR SHALL PERFORM THE WORK IN FULL COMPLIANCE WITH THE R.I. STANDARD SPECIFICATION SECTION 202.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD, BEFORE EXCAVATION BEGINS IN ACCORDANCE WITH "DIG SAFE PROGRAM LAW" ENACTED BY THE R.I. LEGISLATURE AND BY CONTACTING THE INDIVIDUAL UTILITY COMPANIES. EXCAVATION SHALL BE IN ACCORDANCE WITH ALL STATUTES, ORDINANCES, RULES AND REGULATIONS OF ANY CITY, STATE OR FEDERAL AGENCY THAT MAY BE APPLICABLE. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- ALL REQUIRED AUTHORIZATION TO PERFORM WORK MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- THE EROSION CONTROL AND SOIL STABILIZATION PROGRAM SHALL BE ADHERED TO DURING THE ENTIRE DURATION OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY CONSTRUCTION OPERATIONS INCLUDING ALL ACTIONS OR OMISSIONS OF ANY SUBCONTRACTORS, AGENTS OR EMPLOYEES. THE CONTRACTOR MUST ENSURE THAT THE CONDITIONS OF ALL PERMITS, SPECIFICATIONS AND FEDERAL, STATE AND LOCAL REGULATIONS ARE STRICTLY ENFORCED. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ALL ASPECTS OF ON-SITE SAFETY INCLUDING ANY DAMAGE TO EXISTING STRUCTURES.
- WORK SHOWN ON THE PLANS FOR WHICH THERE ARE NO PARTICULAR DETAILS OR SPECIFICATIONS DOES NOT RELIEVE THE CONTRACTOR FROM FURNISHING AND INSTALLING THE WORK. THE CONTRACTOR SHALL THOROUGHLY EXAMINE THE CONTRACT DOCUMENTS AND PLANS AND INSPECT THE SITE, AND THE BID PRICE SHALL INCLUDE ALL SERVICES AND MATERIALS NECESSARY TO COMPLETE THE PROJECT. ANY CHANGES TO THE PROJECT OR THE INSTALLATION OF AN ITEM FOR WHICH NO PARTICULAR DETAIL OR SPECIFICATION WAS PROVIDED MUST BE REVIEWED BY AND MUST BE ACCEPTABLE TO THE ENGINEER.
- TOPOGRAPHICAL MAPPING AND EXISTING FEATURES TAKEN FROM PLAN ENTITLED: "EXISTING CONDITIONS PLAN OF A.P. 3, LOT 62, SITUATED ON BROAD STREET, CENTRAL FALLS, RHODE ISLAND, PREPARED FOR THE CITY OF CENTRAL FALLS" DEVELOPED BY GAROFALO & ASSOCIATES, INC., SCALE: 1"=20', DRAWN BY: MJC, CHECKED BY: SAW, APPROVED BY: SAW, DATED: SEPTEMBER 22, 1998, STAMPED BY SAMUAL A. WHITE, JR., LAND SURVEYOR NO. 1781
- PROPOSED CONSTRUCTION ACTIVITIES SHOULD BE CONDUCTED DURING LOW WATER LEVEL PERIOD.
- ALL WORK SHALL BE IN COMPLIANCE WITH THE RIDEM PERMIT ISSUED FOR THIS PROJECT.
- FLOATING DOCKS WILL BE REMOVED DURING WINTER SEASON AND STORED ON DESIGNATED STORAGE AREA SHOWN ON THE PLANS.



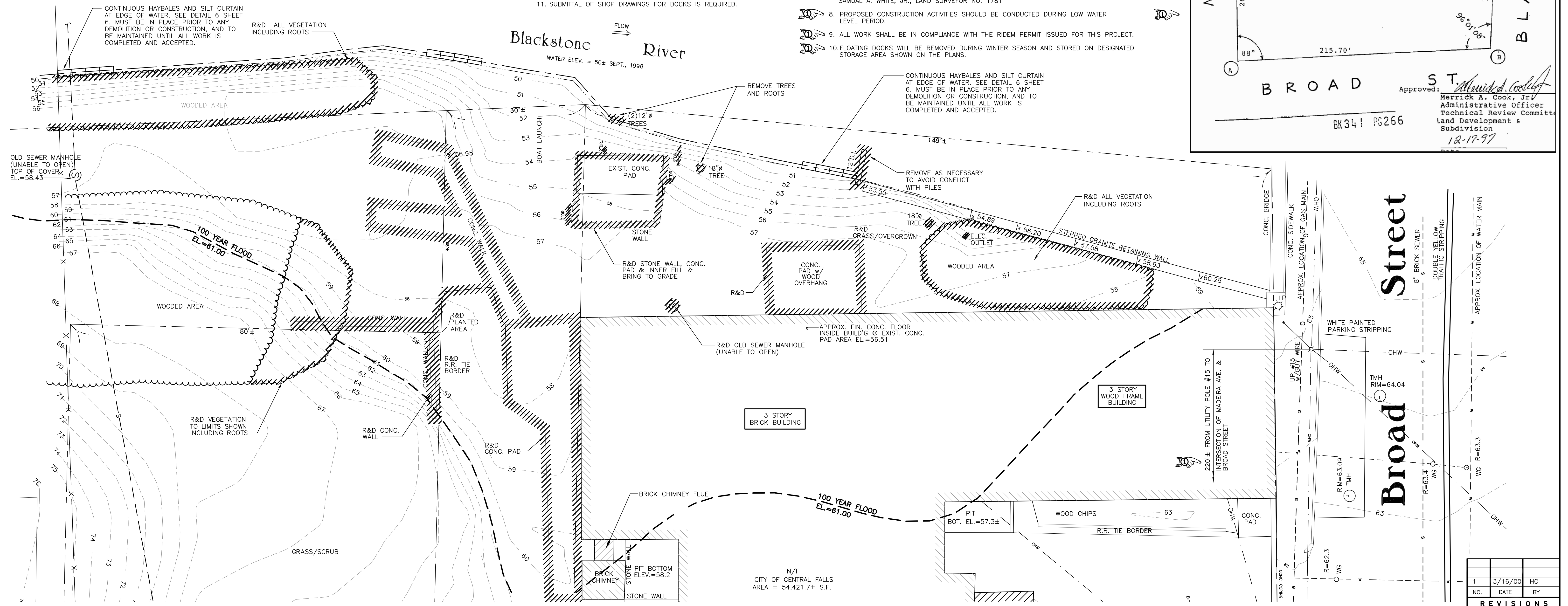
LEGEND



HATCHED ITEMS TO BE REMOVED & DISPOSED

FLOOD ZONE NOTE:

100 YEAR FLOOD BOUNDARIES WERE TAKEN FROM THE CITY OF CENTRAL FALLS, FLOOD INSURANCE RATE MAPS, ISSUED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, COMMUNITY-PANEL NUMBER 4453940001 REVISED JANUARY 6, 1982.



PROJECT TITLE
Central Falls Landing
BOAT DOCKING AND RECREATION FACILITY
 CENTRAL FALLS RHODE ISLAND

PREPARED BY:
SA SIEGMUND AND ASSOCIATES, INC
 CONSULTING ENGINEERS
 49 Pavilion Avenue
 Providence, Rhode Island 02905
 Phone 401 785.2600

PREPARED FOR:
CITY OF CENTRAL FALLS, RHODE ISLAND

SHEET DESCRIPTION
DEMOLITION PLAN

PROJECT NO. 723
 DESIGNED BY LSS
 DRAWN BY FRF
 CHECKED BY LSS
 DATE JULY 1999
 SCALE 1"=10'
 SHEET 2 OF 7

REVISIONS		
NO.	DATE	BY
1	3/16/00	HC



PILE LEGEND

- TIMBER PILE
- STEEL PIPE PILE
- CONC. PILASTER (FOR FUTURE DECK POSTS)
- ① CROSS SECTION NUMBER (TYP.)
- ⊕ FLOATING DOCK TIMBER PILE

NOTES:

1. SUBMIT COATING SPECIFICATIONS FOR STEEL PILES FOR APPROVAL.
2. REFER TO SPECIFICATIONS FOR CANOPY SYSTEM MATERIALS & REQUIREMENTS.
3. REFER TO SPECIFICATIONS FOR PRESSURE TREATED TIMBER.
4. DECKS "A" & "B" DECKING MATERIALS WILL BE EITHER PRESSURE TREATED TIMBER OR COMPOSITE. OWNER WILL MAKE THE SELECTION PRIOR TO AWARD OF CONTRACT.

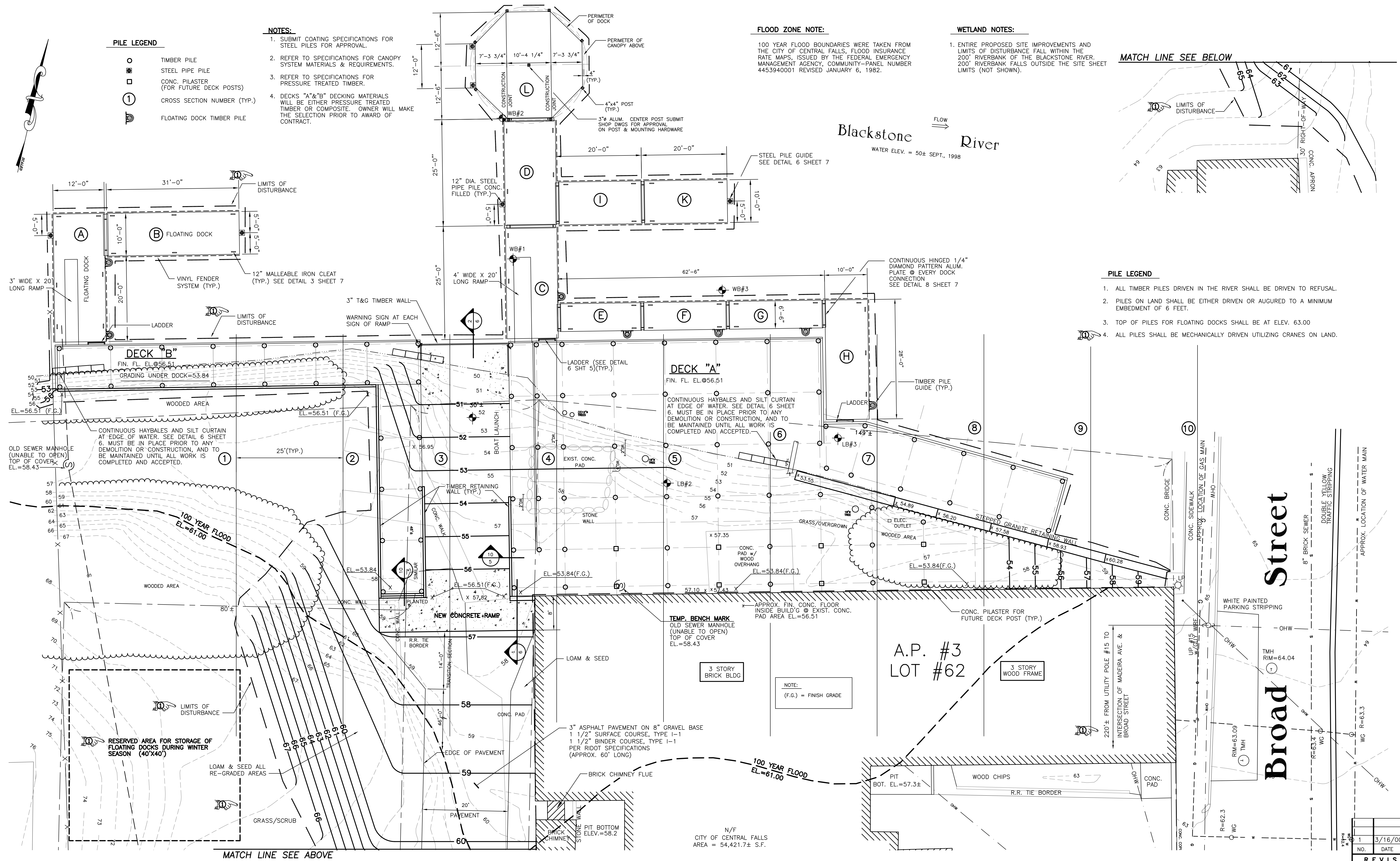
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WETLAND NOTES:

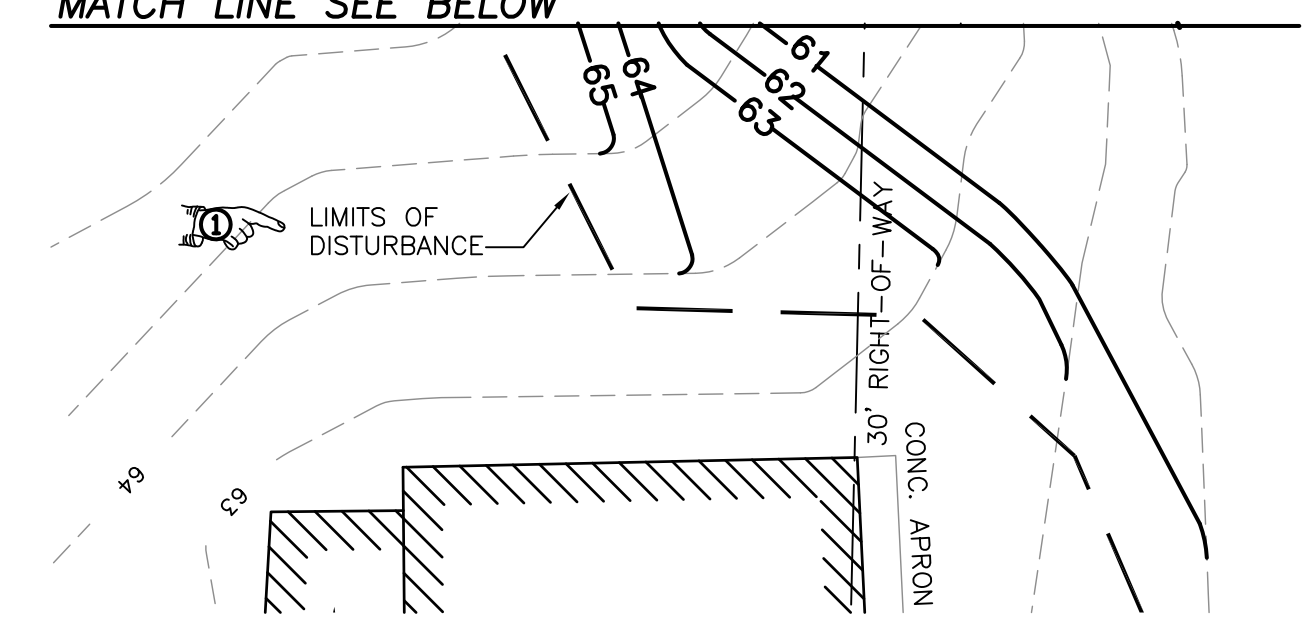
1. ENTIRE PROPOSED SITE IMPROVEMENTS AND LIMITS OF DISTURBANCE FALL WITHIN THE 200' RIVERBANK OF THE BLACKSTONE RIVER. 200' RIVERBANK FALLS OUTSIDE THE SITE SHEET LIMITS (NOT SHOWN).

MATCH LINE SEE BELOW



PILE LEGEND

1. ALL TIMBER PILES DRIVEN IN THE RIVER SHALL BE DRIVEN TO REFUSAL.
2. PILES ON LAND SHALL BE EITHER DRIVEN OR AUGURED TO A MINIMUM EMBEDMENT OF 6 FEET.
3. TOP OF PILES FOR FLOATING DOCKS SHALL BE AT ELEV. 63.00
4. ALL PILES SHALL BE MECHANICALLY DRIVEN UTILIZING CRANES ON LAND.



Blackstone River
WATER ELEV. = 50± SEPT., 1998

Broad Street

A.P. #3
LOT #62

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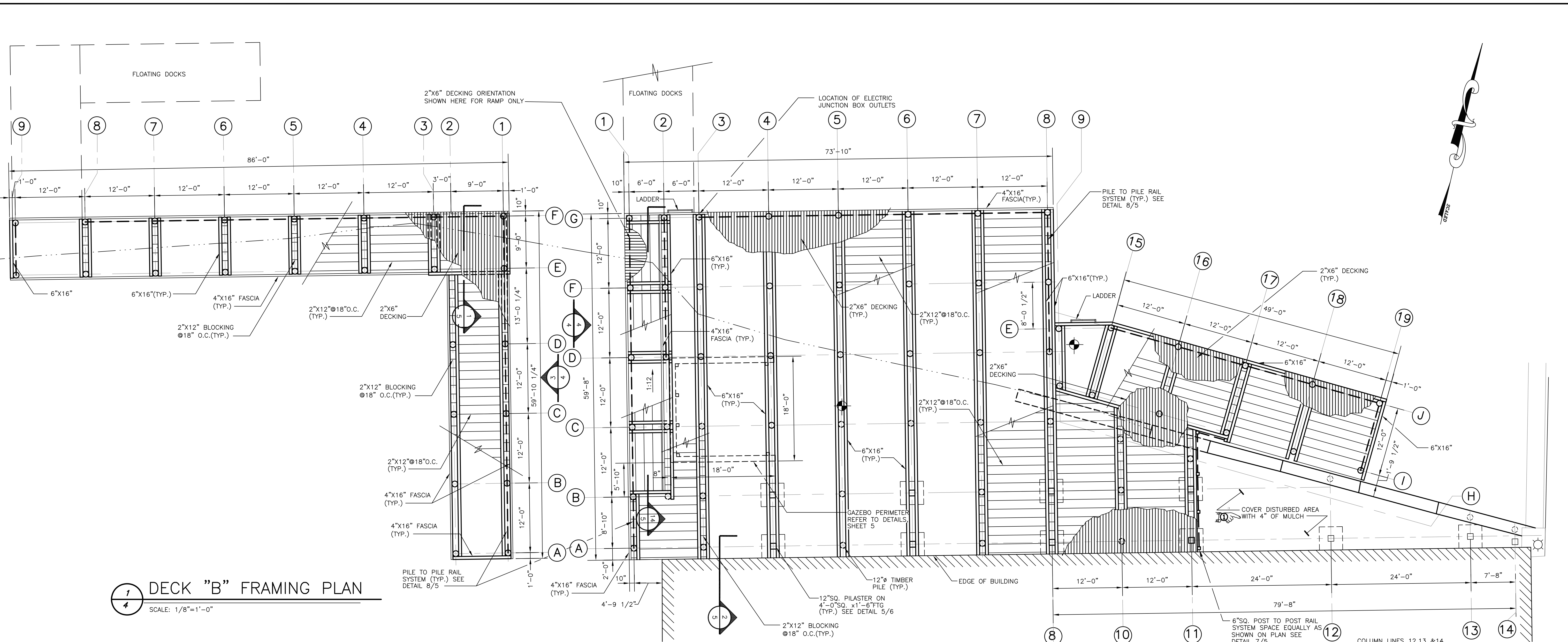
SHEET DESCRIPTION
SITE PLAN

PROJECT NO. 723
DESIGNED BY LSS
DRAWN BY FRF
CHECKED BY LSS
DATE JULY, 1999
SCALE 1"=10'

REVISIONS			
NO.	DATE	BY	HC
1	3/16/00		HC

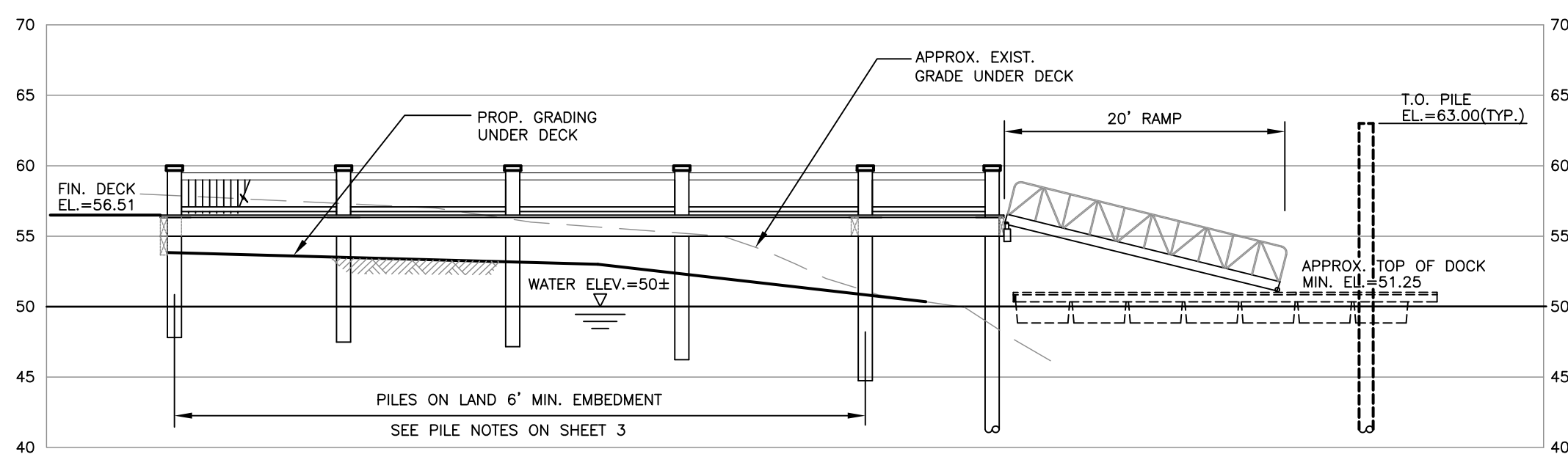
3

SHEET 3 OF 7

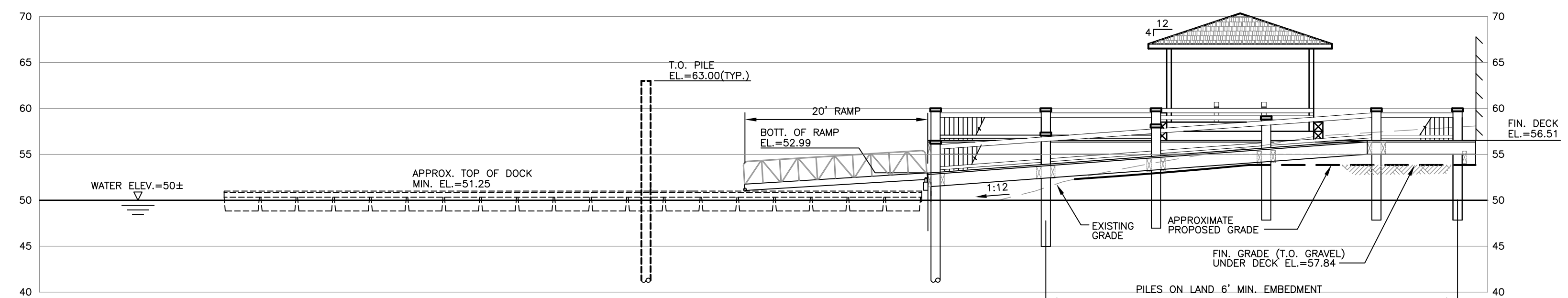


1 DECK "B" FRAMING PLAN
4 SCALE: 1/8"=1'-0"

2 DECK "A" FRAMING PLAN
4 SCALE: 1/8"=1'-0"



3 DECK "B" EAST ELEVATION
4 SCALE: 1"=10'



4 DECK "A" WEST ELEVATION
4 SCALE: 1"=10'

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CENTRAL FALLS RHODE ISLAND

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CITY OF CENTRAL FALLS, RHODE ISLAND

SHEET DESCRIPTION
FRAMING PLAN

PROJECT NO. 723
DESIGNED BY MH
DRAWN BY MPS/FRF
CHECKED BY LSS
DATE JULY, 1999
SCALE AS SHOWN

REVISIONS		
NO.	DATE	BY
1	3/16/00	HC
4		
SHEET 4 OF 7		

