



State of Rhode Island  
**Coastal Resources Management Council**  
Oliver H. Stedman Government Center  
4808 Tower Hill Road, Suite 3  
Wakefield, RI 02879-1900

(401) 783-3370  
Fax (401) 783-2069

## **PUBLIC NOTICE**

File Number: 2021-03-003

Date: May 25, 2021

This office has under consideration the application of:

**Town of Barrington  
283 County Road  
Barrington, RI 02806**

for a State of Rhode Island Assent to construct and maintain: A public recreational structure consisting of a ~7' x 60' gangway leading to a ~10-19' x 101' low profile float extending ~68' seaward of the cited MLW mark; A boat ramp and armored riprap; Coastal bank, coastal buffer and coastal wetland restoration; A viewing platform; New and enhanced walking trails, access paths, parking, trailering and driveway access; Accessory structures such as kayak ramps, fencing, landscaping, etc; Increased public (including ADA-compliant structures/accessways) public. As the project is proposed within designated Type 1 waters, the work requires a Special Exception to Red Book 650-RICR-20-00-01 Sections 1.2.1(B)(2)(c), 1.2.2(C)(1)(c), 1.2.2(C)(2)(a), 1.3.1(B)(2)(a), 1.3.1(B)(2)(b), 1.3.1(D)(7)(b), 1.3.1(G)(3)(a) & 1.3.1(L)(3)(a) as well as an 18' length variance to Section 1.3.1(D)(8)(l)(2).

Project Location:	513 County Road
City/Town:	Barrington
Plat/Lot:	16 / 20
Waterway:	Hundred Acre Cove, Type 1 Conservation Area

Plans of the proposed work may be seen at the CRMC office in Wakefield.

In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before June 25, 2021.



# WALKER FARM RECREATION AND RESILIENCE IMPROVEMENTS

513 COUNTY ROAD · BARRINGTON · RHODE ISLAND

FEBRUARY 23, 2021

PREPARED FOR  
**TOWN OF BARRINGTON**  
283 COUNTY ROAD  
BARRINGTON, RI 02806



PREPARED BY  
**FUSS & O'NEILL**  
317 IRON HORSE WAY, SUITE 204  
PROVIDENCE, RI 02908  
401.861.3070  
www.fandoo.com

## SHEET INDEX

<u>SHEET No.</u>	<u>SHEET TITLE</u>
GI-001	COVER SHEET
CN-001	GENERAL NOTES AND LEGEND
SU1	PARTIAL BOUNDARY AND TOPOGRAPHIC SURVEY
CP-101	SITE PREPARATION PLAN
CS-101	SITE PLAN
LP-101	LANDSCAPE PLAN
CD-501 - CD-503	DETAILS
S-001	VIEWING PLATFORM GENERAL NOTES AND TYPICAL DETAILS
S-100	VIEWING PLATFORM CONCEPT PLAN

## PROJECT TEAM

SURVEYOR  
**WATERMAN ENGINEERING  
COMPANY**  
46 SUTTON AVENUE  
EAST PROVIDENCE, RI



**LOCATION MAP**  
SCALE: 1" = 800'



PROJ. No.: 20170508A20  
DATE: FEBRUARY 23, 2021

**GI-001**

SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SHOWN ON THE DRAWINGS TO SCALE OR TO THEIR ACTUAL DIMENSION OR LOCATION. COORDINATE DETAIL, SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS, AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.

1. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND FOLLOWING A SITE-SPECIFIC HEALTH AND SAFETY PLAN (HASP) IN ACCORDANCE WITH OSHA 29 CFR 1910.120. A COPY MUST BE MAINTAINED ON-SITE AT ALL TIMES AND BE AVAILABLE TO ANY AGENCY REQUESTING IT.
2. SITE DISCHARGES FROM CONSTRUCTION SITE IS REGULATED BY THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT PROTECT ISLAND FUTURE DESIGNER SITE ELIMINATION (PIFDES) PROGRAM. THE PROJECT SHALL BE CONDUCTED IN ACCORDANCE WITH THE PIFDES PROGRAM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION SITE RUNOFF, AND THE CITY OF PROVIDENCE CODE OF ORDINANCES, CHAPTER V ARTICLE V "SOIL EROSION CONTROL".
3. THE CONTRACTOR SHALL VERIFY THE PROPOSED VARIETY WITH ITS RELATIONSHIP TO THE EXISTING SITE SURVEY. THE CONTRACTOR SHALL ALSO VERIFY ALL DIMENSIONS, SITE CONDITIONS, AND MATERIAL SPECIFICATIONS AND SHALL NOTIFY THE OWNER OF ANY DISCREPANCY OF ANY ERRORS, DISCREPANCIES BEFORE COMMENCING OR PROCEEDING WITH WORK.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, INSURANCES, BONDS, ETC. AND FOR OBTAINING ALL NECESSARY APPROVALS, PERMITS, INSURANCES, APPLICATIONS AND NOTICES FROM THE CITY OF PROVIDENCE. NO CONSTRUCTION SHALL COMMENCE UNTIL SUCH PERMITS HAVE BEEN SECURED AND THE CONTRACTOR HAS OBTAINED ALL NECESSARY APPROVALS, PERMITS, INSURANCES, APPLICATIONS AND NOTICES FROM THE CITY OF PROVIDENCE.
5. METHODS AND MATERIALS USED IN THE CONSTRUCTION OF IMPROVEMENTS FOR THIS PROJECT SHALL CONFORM TO THE CURRENT CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE LOCAL MUNICIPALITY AND THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE.
6. DEVIATIONS OR CHANGES FROM THESE PLANS WILL NOT BE ALLOWED UNLESS APPROVED BY THE ENGINEER/DRAWN.
7. THE CONTRACTOR SHALL CONTACT THE STATE AT 1-800-344-7233, 72 HOURS PRIOR, EXCLUDING WEEKENDS AND HOLIDAYS, TO ANY EXCAVATION BEFORE PROCEEDING ON SITE.
8. THE DESTROYED AND/OR LOCATION OF UTILITIES SHOWN ON THESE PLANS MAY BE ONLY APPROXIMATELY CORRECT. THE CONTRACTOR SHALL OBTAIN A LOCATION OF UTILITIES SURVEY AND LOCATE ANY EXISTING UTILITIES AND NOTIFY THE OWNER/ENGINEER OF ANY DISCREPANCIES FROM CONTRACT DOCUMENTS. THE OWNER SHALL BE NOTIFIED AS TO THE LOCATION OF ANY UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN HEREON AND ANY OTHER EXISTING UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AT HIS/HERS EXPENSE, ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION.
9. AN APPROVED SET OF PLANS, SIGNED AND SEALED AND SIGNED CONTROL PLAN, (AS A WATERWATER POLLUTION PREVENTION PLAN) SHALL BE SUBMITTED TO THE CITY OF PROVIDENCE FOR REVIEW AND APPROVAL. THE CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR ALL JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, INSURANCES, APPLICATIONS AND NOTICES FROM THE CITY OF PROVIDENCE.
10. CONTRACTOR SHALL IDENTIFY TRUCKS TO BE REMOVED PRIOR TO CONSTRUCTION AND MARK THEM WITH CONSTRUCTION PAPER FOR REVIEW BY THE OWNER/ENGINEER. TRUCKS AND OTHER EXISTING VEHICLES SHALL BE REMOVED WHEREVER THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, INSURANCES, APPLICATIONS AND NOTICES FROM THE CITY OF PROVIDENCE.
11. THE CONTRACTOR SHALL RESTORE THE HARDSHORE APPEARANCE WITH MATCHING MATERIALS (E.G. ANY PAVEMENT, WALKS, CURBS, ETC.) THAT WILL BE CUT OR THAT ARE DAMAGED DURING CONSTRUCTION.
12. THE CONTRACTOR SHALL RESTORE DISTURBED LANDSCAPE AREAS TO ORIGINAL CONDITION (E.G. SEEDED, SOILED, PLANTED) AND SHALL SUBMIT A MATCHING CONSTRUCTION DOCUMENTS.
13. EXISTING UTILITIES, CABLES, GRATES, AND OTHER CONSTRUCTION DOCUMENTS.
14. ALL EXPOSED EXCAVATED MATERIALS, EXPOSED HILLS, EXCESS CONSTRUCTION MATERIALS, DEBRIS, AND WASTE SHALL BE REMOVED FROM THE SITE AND SHALL BE DISPOSSED IN ACCORDANCE WITH APPLICABLE LAWS.
15. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, FIRE HYDRANTS, AND UTILITIES WITHOUT APPROPRIATE PERMITS.
16. WORK IS RESTRICTED TO THE HOURS OF 7 AM TO 5 PM ON TUESDAY THROUGH FRIDAY, EXCLUDING HOLIDAYS, UNLESS

CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT ARE EXPECTED TO COMMENCE IN SUMMER 2021 AND WILL BE

CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT ARE EXPECTED TO COMMENCE IN SUMMER 2021 AND WILL BE

1. OPERATION AND MAINTENANCE OF STORMWATER MANAGEMENT SYSTEM SHALL BE CONDUCTED IN ACCORDANCE WITH SITE-SPECIFIC LONG-TERM OPERATION & MAINTENANCE PLAN.

CN-001

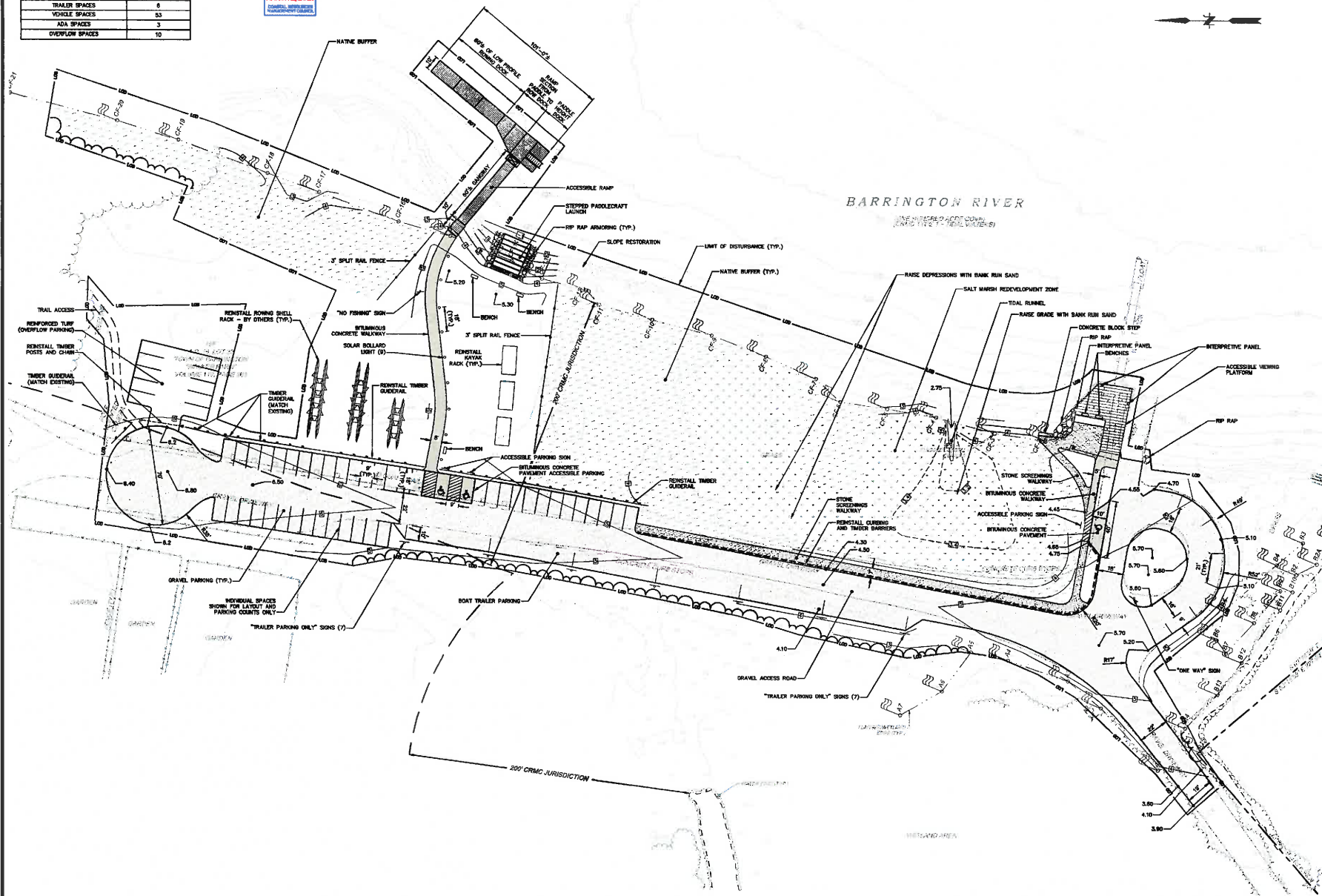






PARKING TABLE	
TRAILER SPACES	6
VEHICLE SPACES	53
ADA SPACES	3
OVERFLOW SPACES	10

RECEIVED  
MARCH 2, 2021  
CONSTITUTIONAL INSTITUTIONS  
MANAGEMENT COLLEGE



File Path: J:\DWG\IP20170659A\20CIVIL\IP20170659A\_030\_STP01.DWG Layout: CS-101  
 Printed: Wed, February 24, 2021 - 2:59 PM User: alons  
 MS Word: [ ] Layer State: [ ] Plotter: AUTOCAD PDF (GENERAL DOCUMENTATION).PC3 CTB File: FO-STB

[illegible]

SCALE: \_\_\_\_\_

HORIZ.: 1"= 30'

VERT.: \_\_\_\_\_

DATE: \_\_\_\_\_


HORIZ.: NAD83

VERT.: NAVD83

30 15 0 30

0 15 30 45 60 75 90 105 120 135 150 165 180 195 210 225 240 255 270 285 300 315 330 345 360

0 15 30 45 60 75 90 105 120 135 150 165 180 195 210 225 240 255 270 285 300 315 330 345 360



**FUSS & O'NEILL**  
 317 IRON HORSE WAY, SUITE 204  
 PROVIDENCE, RI 02908  
 401.861.3070  
[www.fundo.com](http://www.fundo.com)

**TOWN OF BARRINGTON  
SITE PLAN  
WALKER FARM RECREATION AND  
RESILIENCE IMPROVEMENTS**

PROJ. No.: 20170585.A10  
DATE: FEBRUARY 23, 2017

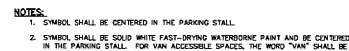
CS-101





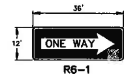
CD-501





## ADA PARKING STALL SYMBOL

NOT TO SCALE



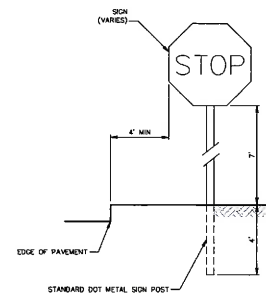
ONEWAY SIGN



### HANDICAP PARKING SIGN

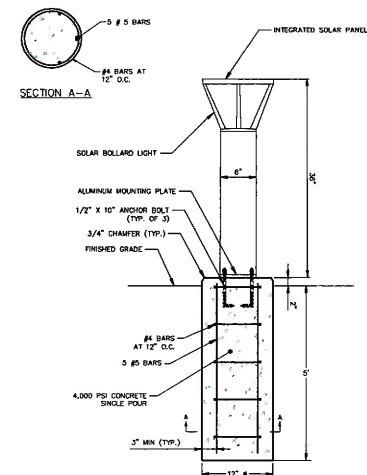
## SIGNS

**SIGNS**  
NOT TO SCALE



SIGN POST  
(R.I. STD. 24.2.0)

NOT TO SCALE

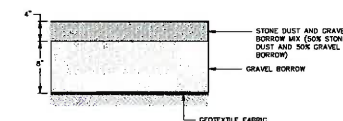


**NOTE:**

1. SOLAR BOLLARD LIGHT SHALL BE PLB-102 SOLAR POWERED LED BOLLARD WITH TYPE 3 PHOTOMETRICS AND BLACK POWDER COAT FINISH, MANUFACTURED BY FIRST LIGHT TECHNOLOGIES; OR APPROVED EQUAL.

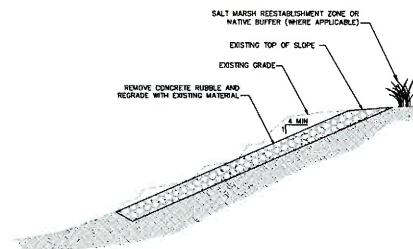
**SOLAR BOLLARD LIGHT**

**NOT TO SCALE**



STONE SCREENINGS WALKWAY

NOT TO SCALE

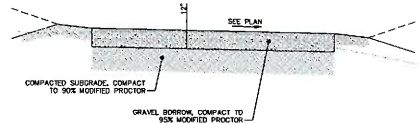


**NOTES:**

1. SEE SITE PLAN FOR PROPOSED ELEVATIONS.
2. SUPPLEMENT WITH ADDITIONAL STONE AS REQUIRED TO MEET PROPOSED GRADES.

## SLOPE RESTORATION

**NOT TO SCALE**

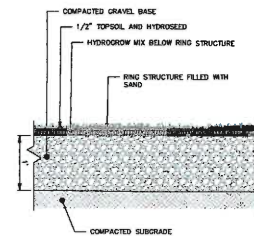


NOTES:

1. GRAVEL BORROW SHALL BE IN ACCORDANCE WITH SECTION M.D.T.O.S. TABLE 1, COLUMN 1 OF THE STANDARD SPECIFICATIONS.
1. WHERE APPLICABLE, REMOVE EXISTING TOPSOIL AND SUBSOIL, GRADE, AND COMPACT SUBGRADE.
2. WHERE EXISTING GRADE IS AT OR BELOW PROPOSED FINISHED GRADES, THE EXISTING GRAVEL BORROW SHALL REMAIN IN PLACE AND BE SUPPLEMENTED WITH ADDITIONAL GRAVEL BORROW TO MEET FINISHED GRADE.
3. ROAD CROSS-SLOPE SHALL BE 2% AND SHALL MAINTAIN SHEET FLOW TO ADJACENT VEGETATED AREAS.

### GRAVEL ACCESS ROAD AND PARKING

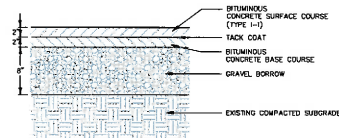
NOT TO SCALE



NOTE: RING STRUCTURE SHALL BE GRASSPAVE2 BY INVISIBLE STRUCTURES;  
INVISIBLESTRUCTURES.COM, OR APPROVED EQUAL.

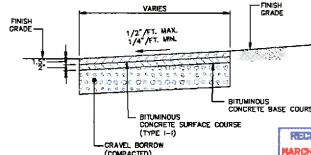
## REINFORCED TURF

**NOT TO SCALE**



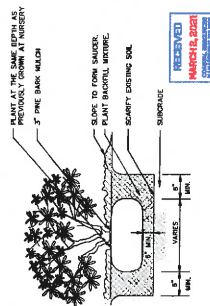
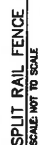
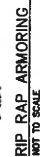
### BITUMINOUS CONCRETE PAVEMENT

NOT TO SCALE



BITUMINOUS CONCRETE SIDEWALK

NOT TO SCALE

[illegible]

THE WORK SHOWN ON THESE DRAWINGS HAS BEEN DESIGNED IN ACCORDANCE WITH THE  
STRUCTURAL REQUIREMENTS FOR THE 2019 RHODE ISLAND STATE BUILDING CODE.

- COLD WEATHER CONSTRUCTION PROCEDURES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTINUOUSLY PROTECT SOLS, CONCRETE, MASONRY AND OTHER BUILDING MATERIALS FROM DAMAGE DUE TO COLD TEMPERATURES UNTIL THE BUILDINGS HAVE BEEN TURNED OVER TO THE OWNER. THIS SHALL INCLUDE TEMPORARY ENCLOSURES, INSULATED BLANKETS AND TEMPORARY HEATING AS REQUIRED.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE ANY DAMAGED OR DEFECTIVE WORK, IN A MANNER APPROVED BY THE ENGINEER.
3. FOOTINGS SHALL NOT BE CONSTRUCTED ON FROZEN GROUND. ALL FROZEN SOIL SHALL BE REMOVED AND REPLACED WITH COMPACTED STRUCTURAL FILL OR COMPACTED CRUSHED STONE.
4. FROZEN MATERIALS OR MATERIALS CONTAINING ICE SHALL NOT BE USED.
5. ALL PROTECTIVE AND CORRECTIVE WORK SHALL BE DONE AT THE EXPENSE OF THE CONTRACTOR.

1. ALL CONCRETE WORK SHALL CONFORM TO ACI 301 "SPECIFICATIONS" FOR STRUCTURAL CONCRETE FOR BUILDINGS."
2. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60 AND BE DETAYED IN ACCORDANCE WITH ACI 315 "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES."
3. REBARS SHALL HAVE A MINIMUM CONCRETE COVER AS FOLLOWS:  
CONCRETE DEPOSITED AGAINST GROUND.....3 IN.  
CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:  
FOR BARS 6" AND LARGER.....1 1/2 IN.  
FOR BARS SMALLER THAN 6".....1/2 IN.
4. ALL REINFORCING BARS SHALL BE CONTINUOUS AND LAPPED A MINIMUM OF 48 BAR DIAMETERS AT ALL SPLICES, CORNERS, AND INTERSECTIONS UNLESS NOTED OTHERWISE.
5. ALL REINFORCEMENT SHALL BE SECURELY TIED IN ITS PROPOSED LOCATION PRIOR TO AND AFTER PLACING "CONCRETE" IN ALL CASES. BARS SHALL BE TIED TOGETHER AND WRES AS REQUIRED, NO BARS SHALL BE CUT OR OMITTED IN THE FIELD WITHOUT THE APPROVAL OF THE ENGINEER.
6. CONCRETE PROTECTION FOR REINFORCEMENT SHALL IN ALL CASES BE AT LEAST EQUAL TO THE DIAMETER OF THE BAR EXPOSED FOR CONCRETE SLAB.
7. CONCRETE FOR PIERS SHALL BE NORMAL WEIGHT CONCRETE AND SHALL DEVELOP A COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS, UNLESS OTHERWISE NOTED. CONCRETE SHALL HAVE A MAXIMUM AGGREGATE SIZE OF 3/4 INCH, A MINIMUM CEMENT CONTENT OF 135 LB/CY TO 400 LB/CY, AND A MAXIMUM WATER-CEMENT RATIO OF 4.5/1.
8. ALL FOOTINGS AND PIERS SHALL BE CENTERED BELOW THE MEMBERS WHICH THEY SUPPORT UNLESS SHOWN OTHERWISE.
9. ALL EXPOSED EDGES OF CONCRETE SHALL HAVE A 3/4 INCH CHAMFER UNLESS NOTED OTHERWISE.
10. ALL CONCRETE EXPOSED TO THE WEATHER SHALL BE AIR-ENTRAINED.
11. SIZES AND LOCATIONS OF ALL REQUIRED EMBEDDED ITEMS FOR ALL TRADES SUCH AS ANCHOR BOLTS, PIPING SLEEVES, HOLDOWN ANCHORS, ETC., SHALL BE COORDINATED BY

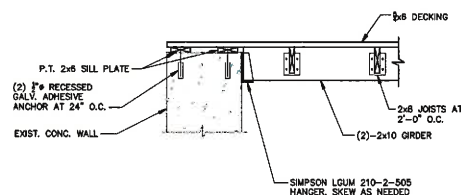
1. THE FOUNDATIONS HAVE BEEN DESIGNED TO REST ON INORGANIC, UNDISTURBED SOIL, OR COMPACTED STRUCTURAL FILL PLACED ON INORGANIC, UNDISTURBED SOIL HAVING A MINIMUM 100 LB/SQ. YD. BEARING CAPACITY. NO SOFT SPOTS SHOULD BE FOUND AT THE SPECIFIED BOTTOM OF FOOTING ELEVATION.
2. THE BOTTOM OF EXTERIOR FOOTINGS NOT ON SLOPE SHALL BE AT LEAST 3'-0" BELOW FINISHED GRADE. FOOTINGS ON SLOPE SHALL REST ON BROAD CLAMP SOLID ROCK. EXTERIOR ROCK SHALL BE AT LEAST 12" BELOW FINISHED GRADE.
3. ALL FILL AND BACKFILL FOR FOOTINGS SHALL BE STRUCTURAL FILL CONFORMING TO THE SPECIFICATIONS, WITH THE EXCEPTION OF BACKFILL AGAINST EXTERIOR SIDE OF FROST WALLS WHERE SUITABLE FILL MAY BE USED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING, OPERATING AND MAINTAINING ALL EQUIPMENT NECESSARY TO THE PROTECTION OF EXCAVATION.
5. ALL BEARING MATERIAL SHALL BE INSPECTED BY A QUALIFIED TECHNICIAN PRIOR TO CONCRETE PLACEMENT; A QUALIFIED TECHNICIAN SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF THE BEARING MATERIAL. FOOTING ELEVATIONS SHALL BE ADJUSTED AS NECESSARY.

1. FLOOR DECK SHALL BE FRAMED WITH THE MEMBER SIZES AND/OR TYPES AT THE SPACINGS SHOWN ON PLAN. THE CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL JOISTS, BEAMS, TRUSS, BRACE, HANGERS, AND OTHER SUPPORTIVE MEMBERS PRIOR TO LAYOUT TO MINIMIZE INTERFERENCE THAT MAY REQUIRE THE ALTERING OR STRENGTHENING OF THE INSTALLED STRUCTURE.
2. FLOORS SHALL BE INSTALLED LEVEL AT THE PROPER ELEVATION.
3. JOISTS SHALL BE SUPPORTED LATITUDALLY AT EACH SUPPORT BY FULL DEPTH SADDLE BOLTS TWO INCHES IN THICKNESS. EXCEPT WHERE JOISTS ARE SUPPORTED BY A FLUSH HEADER OR WEALED TO A RIM JOIST.
4. ALL PREFABRICATED FASTENERS SUCH AS POST HOPS, COLUMN BASES, STRAPS, HANGERS, ETC. MADE BY BRIDGEMAN OR OTHER MANUFACTURER OR FOR SMC CONNECTIONS BY UNITED STATES STEEL JOISTS CO. SHALL BE INSTALLED WITH THE TYPE AND QUANTITY OF FASTENERS RECOMMENDED BY THE MANUFACTURER.
5. FLUSH FRAMED CONNECTIONS SHALL BE MADE WITH PREFABRICATED GALVANIZED STEEL BRACKET PLATES TO BE SUPPLIED AND INSTALLED BY THE CONTRACTOR.
6. WOOD MEMBERS INSTALLED IN BEARING POCKETS WITHIN CONCRETE SHALL BEAR ON A PRESSURE TREATED WOOD PLATE SET AT THE PROPER ELEVATION IN A SOLID BED OF MORTAR OR GROUT. PROVIDE A MINIMUM OF 1/2" MIN. CLEARANCE BETWEEN SIDES OF WOOD MEMBER AND CONCRETE.

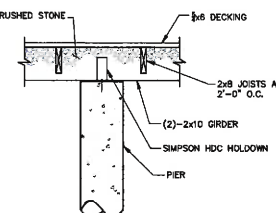
1. THE STRUCTURAL COMPONENTS HAVE BEEN DESIGNED WITH THE FOLLOWING UNFACTORED DESIGN VALUES:

- SPECIES & GRADE: SOUTHERN PINE, SP. NO. 2**
- SIZE CLASS: 2"-4" THICK, 10" WIDE:**
- |                              |                 |
|------------------------------|-----------------|
| BENDING STRESS $F_b$         | = 1050 PSI      |
| COMPRESSION (PARALLEL) $F_c$ | = 175 PSI       |
| SHEAR (PARALLEL) $F_v$       | = 175 PSI       |
| MODULUS OF ELASTICITY $E$    | = 1,600,000 PSI |
2. MATERIALS SHALL BE STORED UNDER COVER AND PROTECTED FROM WEATHER AND CONTACT WITH OTHER SURFACES. LUMBER SHALL BE STACKED WITH SPACERS BETWEEN EACH BUNDLE TO PROVIDE AIR CIRCULATION.
3. DIMENSION LUMBER SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19%.
4. DOPPED LUMBER SHALL NOT CONTAIN DECAY, HONEYCOMB, KNOT HOLES, SHAPE, SPLITS, TORN GRAIN, WANE, ETC. THAT WOULD IMPAIR FINISHED APPEARANCE ON EXPOSED SURFACES AND EDGES.
5. ALL EXTERIOR ROUGH CARPENTRY SHALL BE TREATED UNLESS OTHERWISE INDICATED.
6. ALL FASTENERS USED WITH PRESSURE-PRESERVATIVE-TREATED WOOD SHALL BE STAINLESS-STEEL FASTENERS.
- EXTERIOR ROUGH CARPENTRY SHALL BE ATTACHED SECURELY BY ANCHORING AND BOLTING TO FOUNDATION OR WALLS UNLESS OTHERWISE INDICATED. FASTENERS SHALL NOT SPLIT WOOD AND SHALL NOT PENETRATE MEMBERS WHOSE OPPOSITE SIDE WILL BE EXPOSED. CONNECTIONS SHALL BE TIGHT BETWEEN MEMBERS. NAIL HEADS SHALL NOT BE COUNTERSUNK UNLESS OTHERWISE INDICATED.
7. FOR EXPOSED WORK, FASTENERS SHALL BE ARRANGED IN STRAIGHT ROWS PARALLEL WITH EDGES OF MEMBERS, EVENLY SPACED, AND WITH ADJACENT ROWS STAGGERED.
8. JOISTS SHALL BE INSTALLED WITH CROWN EDGE UP AND SUPPORTED ON DDOS WITH NO LESS THAN 1 1/2" OF BEARING ON WOOD OR METAL OR NO LESS THAN 3" OF BEARING ON CONCRETE FLOOR JOIST. JOISTS SHALL BE SUPPORTED INTO WOOD SUPPORTING MEMBERS BY WOOD LEDGERS UNLESS INDICATED BY METAL JOIST HANGERS. JOISTS SHALL NOT BE NOTCHED UNLESS INDICATED BY THE ENGINEER.
9. SOLID BLOCKING SHALL PROVIDE 2" NOMINAL THICKNESS BY DEPTH OF JOIST AT 96" INTERVALS.

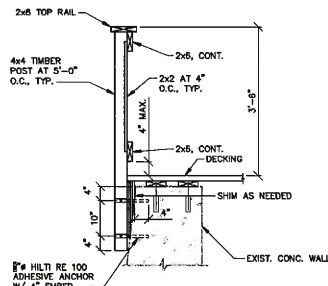
DESCRIPTION OF BUILDING ELEMENTS	TYPE OF FASTENER	NUMBER AND LOCATION
JOIST TO SILL OR GIRDER	8d COMMON	3 TOE NAIL
1" x 6" SUBLOOR OR LESS TO EACH JOIST	8d COMMON STAPLES, 1-3/4"	2 FACE NAIL 2 FACE
2" SUBLOOR TO JOIST OR GIRDER	16d COMMON	2 BLIND AND FACE NAIL
SOLE PLATE TO JOIST OR BLOCKING	16d COMMON	2 O.C. FACE NAIL
DOUBLE TOP PLATES	10d COMMON	24" O.C. FACE NAIL
SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANELS	16d COMMON	3 AT 18" O.C.
DOUBLE TOP PLATES, MIN. 24-INCH OFFSET OF END JOINTS	16d COMMON	8 FACE NAIL IN LAPPED AREA
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	8d COMMON	3 TOE NAIL
RMW JOIST TO TOP PLATE	8d COMMON	6" O.C. TOE NAIL
TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	10d COMMON	2 FACE NAIL
1" x 6" DECKING TO EACH BEARING	8d COMMON STAPLES, 1-3/4"	2 FACE NAIL 2 FACE



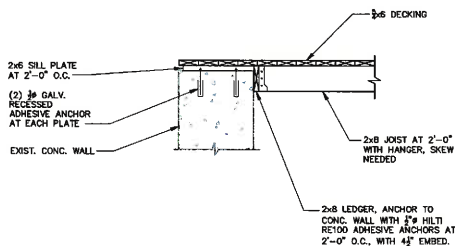
2 STRINGER CONNECTION DETAIL AT CONC. WALL  
3/4" = 1'-0"



3 TYPICAL PIER DETAIL  
3/4" = 1'-0"



4 TYPICAL RAILING DETAIL  
3/4" = 1'-0"



1 GIRDER CONNECTION DETAIL AT CONC. WALL  
3/4" = 1'-0"



