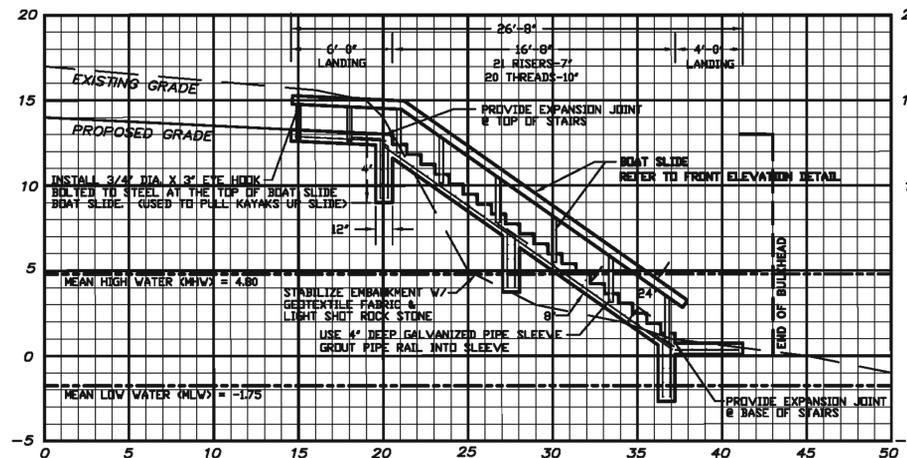


HUDSON RIVER

FISHING DOCK DESIGNED BY FRASER AND ASSOCIATES.

STAIR CONSTRUCTION NOTES:

1. ACCORDING TO ACI 318 - CONCRETE EXPOSED TO FREEZING AND THAWING IN A MOIST CONDITION SHALL HAVE A MAXIMUM WATER-CEMENT RATIO OF 0.45, MINIMUM $f_c=4500$ PSI, AND SHALL BE AIR-ENTRAINED.
2. ALL REINFORCING SHALL BE EPOXY COATED.
3. CONCRETE STAIRS MUST BE INSTALLED DURING DRY CONDITIONS.

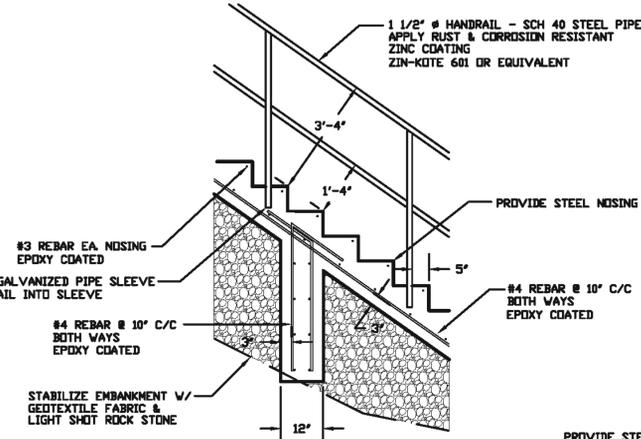


SECTION VIEW - CONCRETE STAIRS

SCALE: 1" = 5'

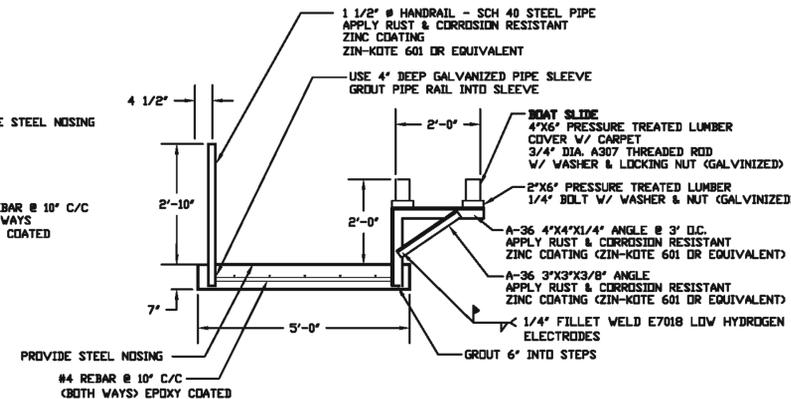
NOTE:

FILL MATERIAL BELOW THE HIGH MEAN TIDE LINE = 166 CU. FT. OF LIGHT SHOT ROCK STONE (20% ADDED FOR COMPACTION).



HANDRAIL DETAIL - CONCRETE STAIRS

SCALE: 1" = 2'



FRONT ELEVATION - CONCRETE STAIRS

SCALE: 1" = 2'



PEJEPSCOT RIVER ACCESS - ANDROSCOGGIN RIVER LISBON FALLS, MAINE (PROJECT PROTOTYPE - BOAT SLIDE)

THIS BOAT SLIDE FACILITATES RIVER ACCESS FROM A STEEP SHORELINE, WITH A METAL HANDRAIL ON ONE SIDE AND A CARPET COVERED WOODEN SLIDE ON THE OTHER. THE CARPET PROVIDES TRACTION AND HELPS TO PROTECT BOAT BOTTOMS FROM DAMAGE. THE BOAT SLIDE ENABLES PADDLERS TO EASILY MANEUVER THEIR BOATS DOWN TO THE WATER.

MEAN LOW WATER (MLW) = -1.75 FEET

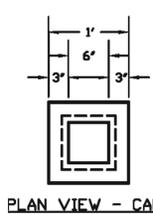
MEAN HIGH WATER (MHW) = 4.80 FEET

SITE PLAN - FISHING PIER

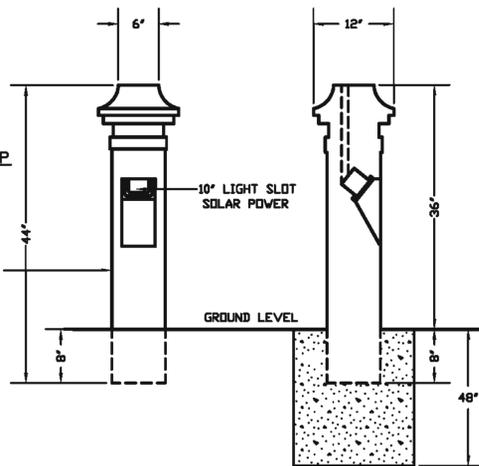
SCALE: 1" = 10'



Scale 1" = 10'



PLAN VIEW - CAP



BOLLARD DETAIL

SCALE: NOT TO SCALE
REV. #1 1/3/08 STAIR AND BOAT SLIDE SECTION & DETAILS

- NOTES:
1. MODEL SHOWN - ASIAN STYLE FROM STONELIGHT INC. NAPLES, FLORIDA (239) 514-3272
 2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 3. POUR CONCRETE FOOTINGS 4" THICK AROUND BOTTOM OF COLUMN AND 48" BELOW GROUND LEVEL.



HARRY J. TUTUNJIAN
MAYOR

DANIEL P. CRAWLEY
DEPUTY MAYOR

OFFICE OF THE CITY ENGINEER
RUSS REEVES CENG. PE.

CITY HALL ONE MONUMENT SQUARE TROY, NEW YORK 12180
PHONE (518) 270-4604 FAX (518) 270-4642

COUNTY: RENSSELAER SCALE: AS NOTED DATE: 12/12/07

STATE: NEW YORK DESIGNED & DRAWN BY: Richard Craig

TITLE:
PROPOSED FISHING PIER SITE PLAN & DETAILS
MADISON STREET IMPROVEMENTS

DWG. NO.
C-60
6 OF 9