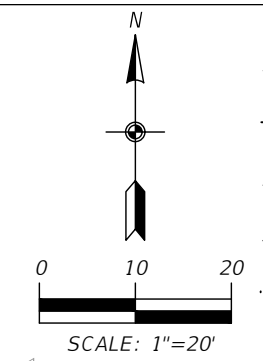


LEGEND

- PROPERTY BOUNDARY
- x- EXISTING FENCE
- SF- PROPOSED SILT FENCE
- PROPOSED FLOATING TURBIDITY BARRIER
- [Patterned Box] EXISTING PAVEMENT TO BE REMOVED



NOTE:
 1. ALL DISTURBED AREAS TO BE SODDED WITH BAHIA SOD.
 2. ALL EXITING TREES AND SHRUBS TO BE PROTECTED THROUGHOUT CONSTRUCTION, UNLESS OTHERWISE NOTED.

Roland L Raymundo
 Digitally signed by Roland L Raymundo
 Date: 2020.01.17 08:59:57 -05'00'

2	01/09/20	CODE COMMENTS REVISION 1
1	8/23/19	ISSUED FOR PERMIT
NO.	DATE	REVISION



R.L. RAYMUNDO, P.E.
 P.E. LICENSE NUMBER 45981
 CRIBB PHILBECK WEAVER GROUP, INC.
 1221 E. BROADWAY STREET, SUITE 1031
 OVIEDO, FL 32765
 CERTIFICATE OF AUTHORIZATION 26618



OFFICE OF PARKS AND TRAILS
 2401 WOODLEA ROAD
 TAVARES, FL 32778

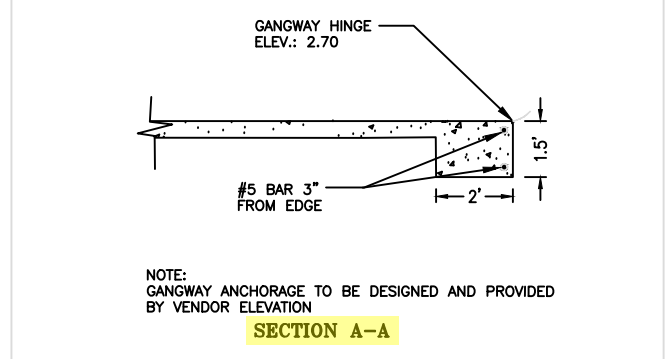
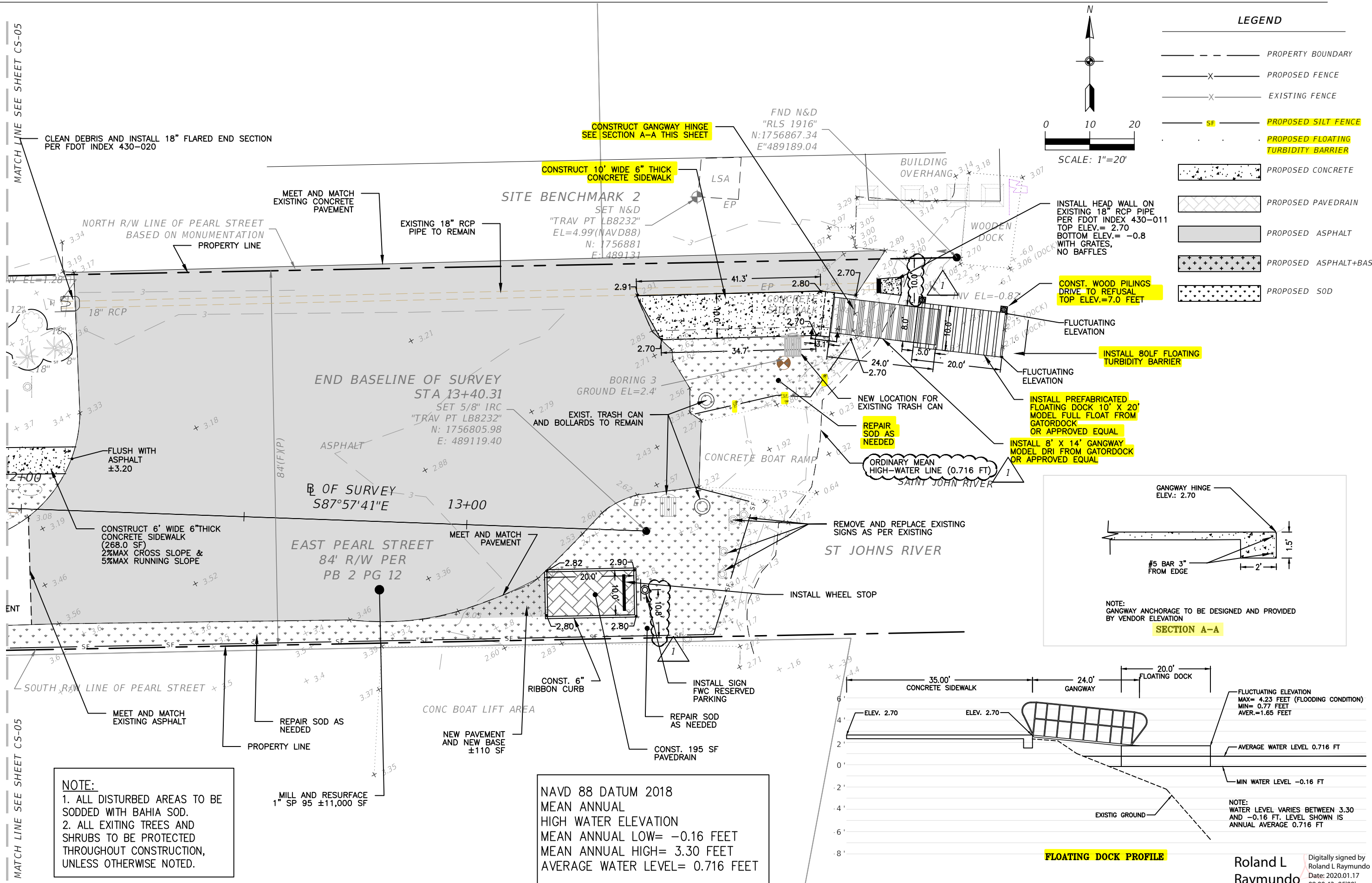
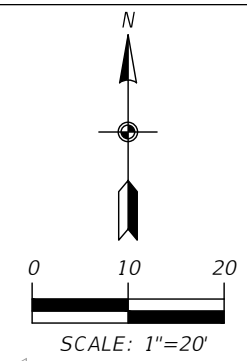
PEARL STREET BOAT RAMP & PARKING LOT IMPROVEMENTS
 25140 E PEARL STREET
 ASTOR, LAKE COUNTY, FL

DEMOLITION PLAN & EROSION CONTROL PLAN

SHEET NUMBER
 CS - 04
 OF X SHEETS

LEGEND

- PROPERTY BOUNDARY
- PROPOSED FENCE
- EXISTING FENCE
- PROPOSED SILT FENCE
- PROPOSED FLOATING TURBIDITY BARRIER
- PROPOSED CONCRETE
- PROPOSED PAVEDRAIN
- PROPOSED ASPHALT
- PROPOSED ASPHALT+BASE
- PROPOSED SOD



2	01/09/20	CODE COMMENTS REVISION 1
1	8/23/19	ISSUED FOR PERMIT
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 P.E. LICENSE NUMBER 45981
 CRIBB PHILBECK WEAVER GROUP, INC.
 1221 E. BROADWAY STREET, SUITE 1031
 OVIEDO, FL 32765
 CERTIFICATE OF AUTHORIZATION 26618



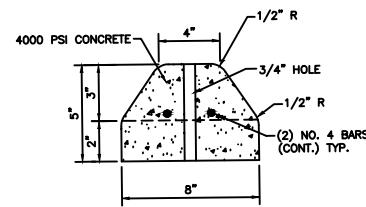
OFFICE OF PARKS AND TRAILS
 2401 WOODLEA ROAD
 TAVARES, FL 32778

PEARL STREET BOAT RAMP & PARKING LOT IMPROVEMENTS
 25140 E PEARL STREET
 ASTOR, LAKE COUNTY, FL

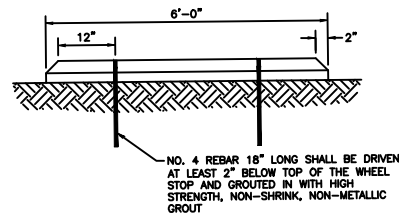
PAVING, GRADING AND DRAINAGE

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 Digitally signed by Roland L Raymundo
 Date: 2020.01.17 09:00:42 -05'00'

SHEET NUMBER	CS-06
OF X SHEETS	



SECTION

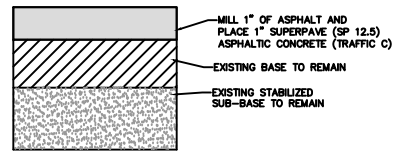


ELEVATION

NOTE:

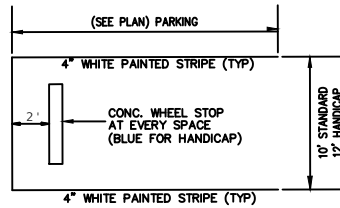
1. REBARS SHALL BE 3" CLEAR AT ENDS
2. EQUIVARIANT DESIGNS MAY BE APPROVED AT THE DISCRETION OF THE COUNTY ENGINEER.
3. WHEEL STOPS SHALL BE REQUIRED ON ALL PARKING SPACES EXCEPT PARALLEL PARKING SPACES.

WHEEL STOPS TYPICAL DETAIL
NTS

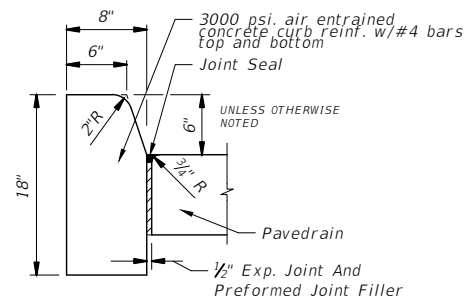


MILL AND RESURFACE SECTION
(NOT TO SCALE)

TYPICAL ASPHALT PAVEMENT SECTION
NTS



TYPICAL PARKING SPACE DETAIL
NTS

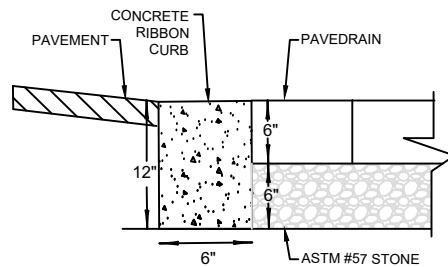


TYPE D

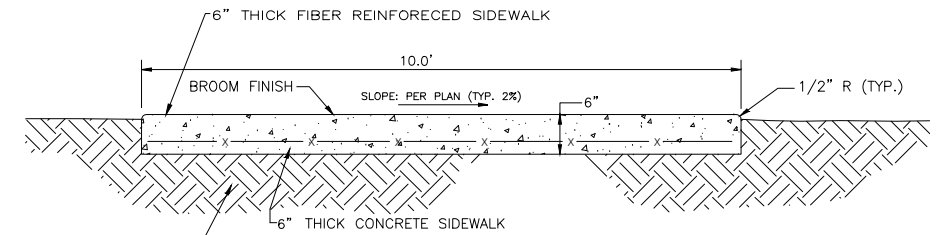
Note: For use adjacent to concrete or flexible pavement, concrete shown. Expansion joint, preformed joint filler and joint seal are required between curbs and concrete pavement only.

Traverse joints shall be 1/2" full depth asphalt impregnated fiber exp. joint recessed 1/4" in from the front face and top of curb @20' max.

CONCRETE CURB "TYPE D"
TYPICAL DETAIL
NTS



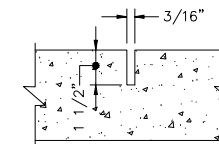
6" x 12" RIBBON CURB
TYPICAL DETAIL
NTS



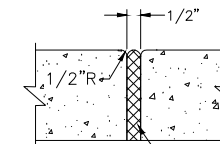
THE PROPOSED FILL SHALL BE COMPACTED IN 12" LIFTS TO 95% MAXIMUM DENSITY IN ACCORDANCE WITH AASHTO T-180

SIDEWALK NOTES:

1. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 P.S.I. IN 28 DAYS.
2. CONTRACTION JOINTS SHALL BE SAW CUT TO A 1 1/2" DEPTH AT INTERVALS EQUAL TO THE WIDTH OF THE SIDEWALK. AND MAXIMUM SPACING OF 5.0'.
3. AN EXPANSION JOINT WILL BE PLACED AT THE END OF ALL RETURNS, AT FIXED OBJECTS (DRIVEWAYS, CURBS ETC.) AND INTERVALS NOT TO EXCEED 20' EXPANSION JOINTS SHALL BE CONSTRUCTED WITH 1/2" PREMOLDED EXPANSION JOINT MATERIAL.
4. ALL SIDEWALKS AND SIDEWALK CROSSING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA).



TYPE 'A'



TYPE 'B'

TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
'A'	5'-0" CENTER TO CENTER ON SIDEWALKS.
'B'	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS & SIMILAR STRUCTURES AT INTERVALS NOT TO EXCEED 20 FEET.

NOTES:

1. ALL ORGANIC MATERIAL & DEBRIS SHALL BE REMOVED & AREA SHALL BE GRADED & COMPACTED PRIOR TO CONCRETE PLACEMENT.
2. THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE CLASS 1, 3,000 P.S.I. @ 28 DAYS.

CONCRETE SIDEWALK TYPICAL DETAIL

NTS

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Date: 2020.01.17 09:01:34 -05'00'

NO.	DATE	REVISION
2	01/09/20	CODE COMMENTS REVISION 1
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R.L. RAYMUNDO, P.E.
P.E. LICENSE NUMBER 45981
CRIBB PHILBECK WEAVER GROUP, INC.
1221 E. BROADWAY STREET, SUITE 1031
OWIEDO, FL 32785
CERTIFICATE OF AUTHORIZATION 26618



OFFICE OF PARKS AND TRAILS
2401 WOODLEA ROAD
TAVARES, FL 32778

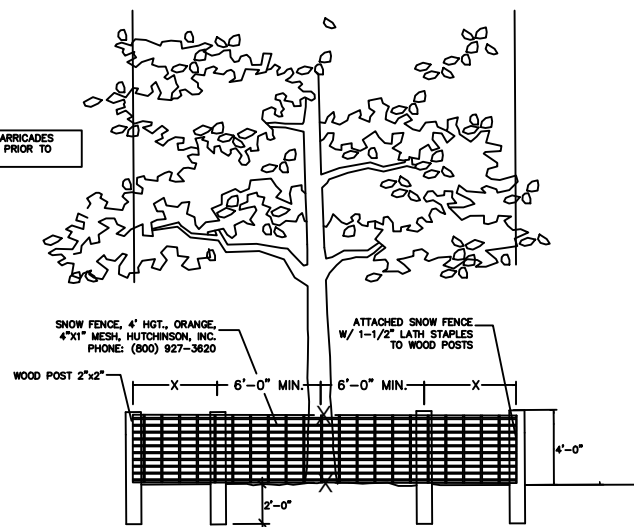
PEARL STREET BOAT RAMP & PARKING LOT IMPROVEMENTS
25140 E PEARL STREET
ASTOR, LAKE COUNTY, FL

TYPICAL DETAILS

SHEET NUMBER
CS - 08
OF X SHEETS

NOTES:

1. BARRIER SHALL BE ERECTED PRIOR TO ANY WORK IN GENERAL AREA OF TREES TO BE PROTECTED.
2. TREES AND CLUSTER OF TREES SHALL BE MARKED AND PHYSICALLY PROTECTED FROM PARKING, STORAGE OF MATERIALS AND SECONDARY UTILITY LINE LOCATIONS.
3. EXISTING TREES TO REMAIN SHALL BE PROTECTED FROM ALL CONSTRUCTION PROCESSES OF THE DEVELOPMENT.
4. BARRIERS TO REMAIN IN PLACE UNTIL ALL PAVING, CONSTRUCTION AND HEAVY EQUIPMENT IS OUT OF AREA.



TREE PROTECTION DETAIL
NOT TO SCALE

EROSION & SEDIMENT CONTROL

PRIOR TO INITIATING CONSTRUCTION OF PLANNED IMPROVEMENTS, ALL SWALES WILL BE EXCAVATED AND ROUGH GRADED TO PROVIDE SEDIMENT AND RUNOFF CONTROL DURING CONSTRUCTION.

ALL DISTURBED AREAS WILL BE BROUGHT TO FINAL GRADE AND SEEDED AND MULCHED OR SODDED AS SOON AS POSSIBLE.

AREAS WHICH MAY ERODE DUE TO SLOPES OR CONCENTRATED RUNOFF DURING CONSTRUCTION WILL BE PROTECTED WITH SILT FENCE PER FDOT ROAD DESIGN STANDARD INDEX 102.

UPON COMPLETION OF SITE IMPROVEMENTS, THE RETENTION PONDS, SWALES, AND OTHER STORM WATER MANAGEMENT DEVICES WILL BE FINAL GRADED AND SODDED AS SPECIFIED IN THE APPROVED CONSTRUCTION PLANS.

ROUTINE MAINTENANCE - STORM WATER

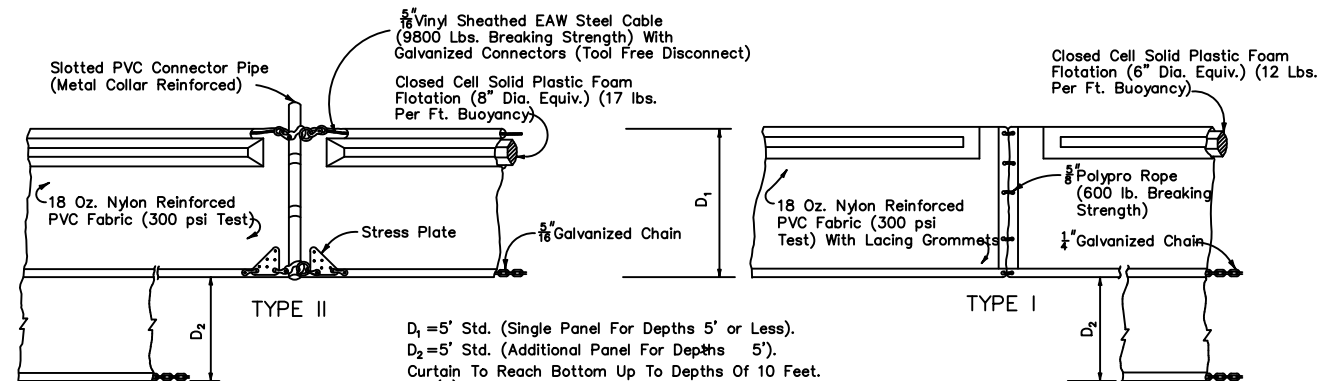
AFTER COMPLETION OF CONSTRUCTION, SWALES WILL BE MOWED AND MAINTAINED AS PART OF THE COUNTY ROAD MAINTENANCE.

TRASH AND DEBRIS THAT ACCUMULATES WITHIN THE RETENTION PONDS, SWALES, PIPES, AND INLETS WILL BE MANUALLY COLLECTED AND DISPOSED OF WITH OTHER NORMAL SOLID WASTE.

ANY EROSION, LOSS OF GRASS, ETC., WILL BE REPAIRED OR REPLACED ROUTINELY AND AS NEEDED.

NOTE:

EROSION, SEDIMENT AND TURBIDITY CONTROL SHALL BE MAINTAINED AT ALL TIMES DURING AND AFTER CONSTRUCTION OF THE PROJECT. THESE CONTROL MEASURES ARE ONLY THE MINIMUM REQUIRED AND ADDITIONAL CONTROLS SHALL BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATIONS.



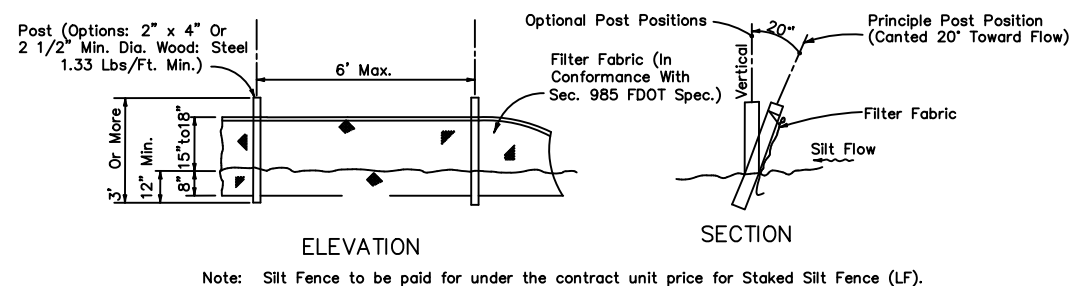
$D_1 = 5'$ Std. (Single Panel For Depths 5' or Less).
 $D_2 = 5'$ Std. (Additional Panel For Depths 5').
 Curtain To Reach Bottom Up To Depths Of 10 Feet.
 Two(2) Panels To Be Used For Depths Greater Than 10 Feet Unless Special Depth Curtains Specifically Called For In The Plans Or As Determined By The Engineer.

NOTICE: COMPONENTS OF TYPES ~ AND ~ MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES ~ AND ~ SHALL BE AS APPROVED BY THE ENGINEER.

FLOATING TURBIDITY BARRIERS

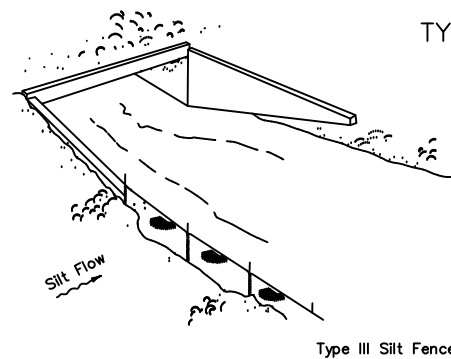
GENERAL NOTES

1. Floating turbidity barriers are to be paid for under the contract unit price for Floating Turbidity Barrier, LF.
2. Staked turbidity barriers are to be paid for under the contract unit price for Staked Turbidity Barrier, LF.

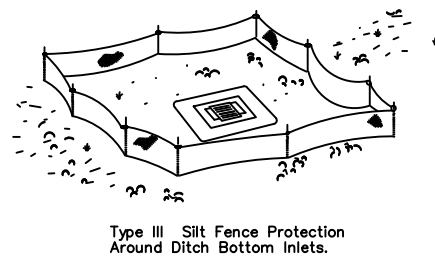


Note: Silt Fence to be paid for under the contract unit price for Staked Silt Fence (LF).

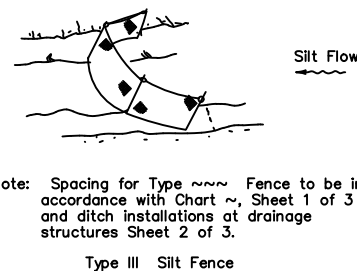
TYPE III SILT FENCE



Type III Silt Fence

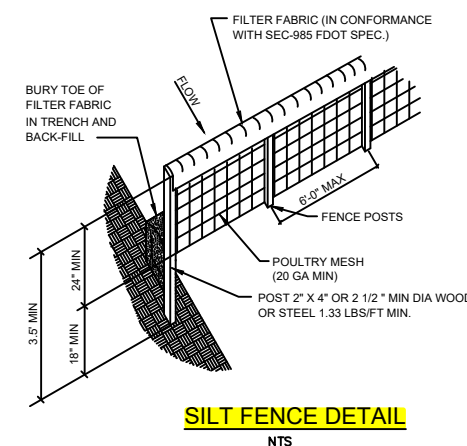


Type III Silt Fence Protection Around Ditch Bottom Inlets.



Note: Spacing for Type ~ Fence to be in accordance with Chart ~, Sheet 1 of 3 and ditch installations at drainage structures Sheet 2 of 3.

Type III Silt Fence



SILT FENCE DETAIL
NTS

Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

SILT FENCE APPLICATIONS

Roland L Raymundo
Digitally signed by Roland L Raymundo
Date: 2020.01.17 09:01:53 -05'00'

2	01/09/20	CODE COMMENTS REVISION 1
1	8/23/19	ISSUED FOR PERMIT
NO.	DATE	REVISION



R.L. RAYMUNDO, P.E.
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1221 E. BROADWAY STREET, SUITE 1031
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OFFICE OF PARKS AND TRAILS
2401 WOODLEA ROAD
TAVARES, FL 32778

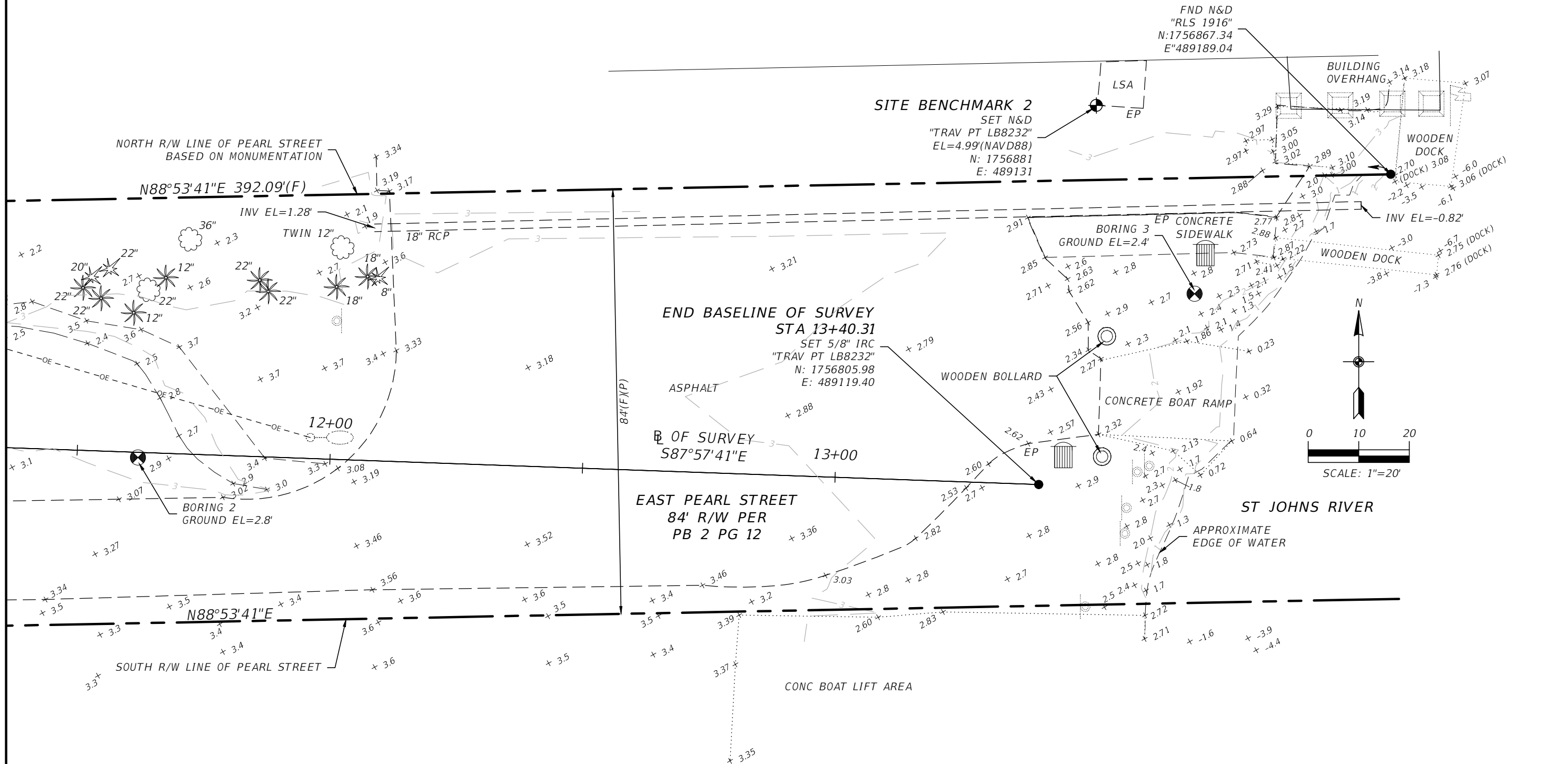
PEARL STREET BOAT RAMP & PARKING LOT IMPROVEMENTS
25140 E PEARL STREET
ASTOR, LAKE COUNTY, FL

TYPICAL DETAILS

SHEET NUMBER
CS - 09
OF X SHEETS

TOPOGRAPHIC SURVEY

LYING IN A PORTION OF
SECTION 38, TOWNSHIP 15 SOUTH, RANGE 28 EAST
ASTOR, LAKE COUNTY, FLORIDA



SEE SHEET 4 OF 4 FOR LEGEND & ABBREVIATIONS

SEE SHEET 1 OF 4 FOR SURVEYOR'S REPORT

TOPOGRAPHIC SURVEY

**PEARL AND BUTLER RAMPS
ASTOR, FLORIDA**

REVISION	BY	DATE



1221 E. BROADWAY ST
SUITE 1031
OVIDEO, FLORIDA 32765
PHONE: (407) 604-3225
FAX: (813) 223-2469
PROFESSIONAL SURVEYOR
& MAPPER BUSINESS
LICENSE NUMBER: LB8232

DATE: 04/12/2019	SCALE: 1"=20'
PROJECT NUMBER: 190040	DRAWN: D. HEATH
CHECKED: D. WINTERS	SHEET 3 OF 4