

INLET DRIVE SHORELINE RESILIENCY DESIGN
FOR
CITY OF ST. AUGUSTINE
INLET DRIVE, ST. AUGUSTINE, FL 32080

PROJECT OWNER AND CONSULTANTS

OWNER: City of St. Augustine
Ms. Sharon Whitener
P.O. Box 210
St. Augustine, FL 32085
TEL: 904-209-4305

SURVEYOR: Geomatics Corp.
Terry M. Durden
2804 N. Fifth St., Unit 101
St. Augustine, FL 32084
TEL: (904) 824-3086

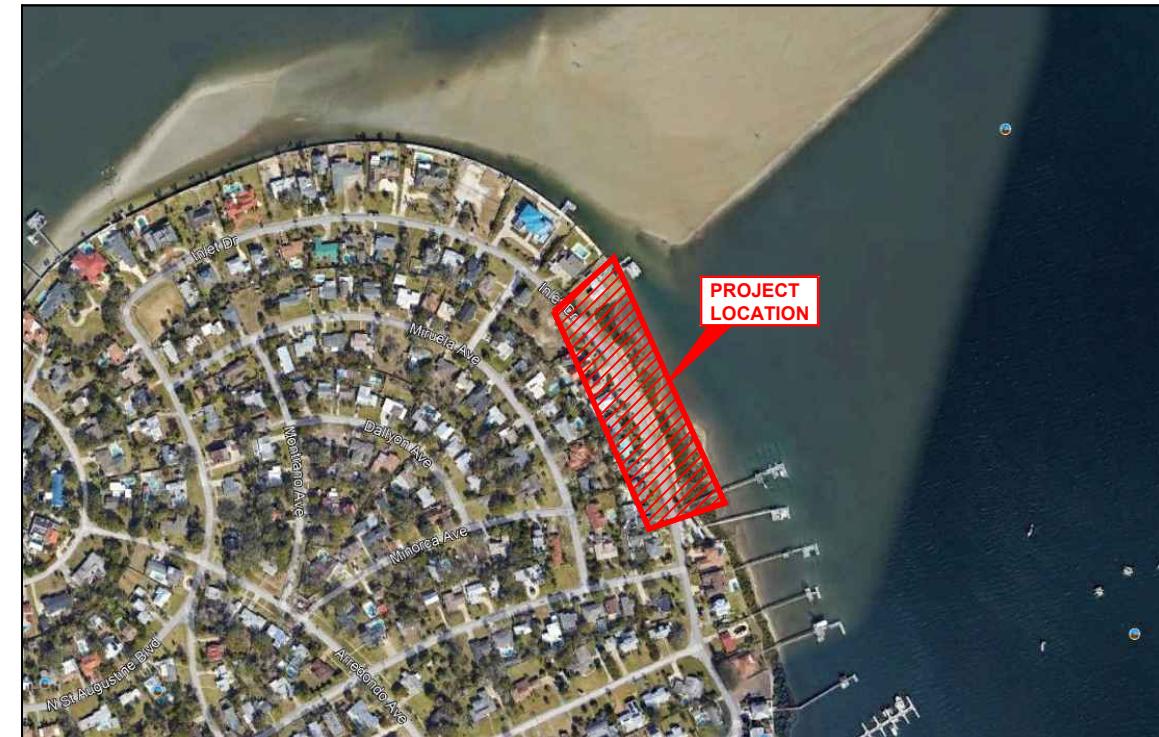
ENGINEER: Tocoi Engineering, LLC
James Pearce, P.E.
714 North Orange Avenue
Green Cove Springs, FL 32043
TEL: 904-215-1388

TE JOB NO: 23-660



CALL BEFORE YOU DIG
800-432-4770

ST. JOHNS COUNTY



LOCATION MAP

N.T.S.

INDEX OF DRAWINGS

1	COVER SHEET
2	GENERAL NOTES
3	EXISTING GROUND
7	GEOMETRY PLANS
8	SEAWALL DETAILS
13	SWPPP CONTRACTOR REQUIREMENTS
14	SWPPP CONTRACTOR CERTIFICATION
L0	LANDSCAPE COVER
L1	LANDSCAPE PLAN
GN	LANDSCAPE GENERAL NOTES

TOCOI  **Engineering, LLC**

714 NORTH ORANGE AVENUE, GREEN COVE SPRINGS, FL 32043
PH: 904-215-1388 E.B. NUMBER: 26383
"TURNING YOUR IDEAS INTO REALITY"
www.tocoi.com

~~PRELIMINARY~~ **CONSTRUCTION** PLANS

December 9, 2024

JAMES L. PEARCE, P.E.

FLA. REGISTERED ENGINEER, #46390

I CERTIFY THAT THIS DRAWING IS IN COMPLIANCE WITH THE STANDARDS
ESTABLISHED IN SECTION 62B-33.0051(2)(C), FLORIDA ADMINISTRATIVE CODE.

CITY OF ST. AUGUSTINE REQUIRED NOTES:

Submittal of As-built site survey, including benchmarks is required in compliance with the St. Augustine Land Development Code, (As-builts) of the Development Review Manual, prior to scheduling a final inspection of the work.

City of St. Augustine Development Review inspector shall be contacted 24 hours prior to all necessary site work inspections and 5 days prior to the final inspection.

GENERAL NOTES:

- Topographic boundary survey, including property lines, legal description, existing utilities, site topography with spot elevations, outstanding physical features and existing structure locations was provided by Boatwright Land Surveyors, 1500 Roberts Dr., Jacksonville Beach, FL 904-241-8550.
- Tocoi Engineering, Inc., and its associates will not be held responsible for the accuracy of survey or for design errors or omissions resulting from survey inaccuracies.
- All phases of site work for this project shall meet or exceed the City of St. Augustine site work specifications.
- The general contractor will be held solely responsible for and shall take all precautions necessary to avoid property damage to adjacent properties during the construction phases of this project.
- Warranty / Disclaimer**
The designs represented in these plans are in accordance with established practices of civil engineering for the design functions. Neither the engineer nor its personnel can or do warrant these designs or plans as constructed except in the specific cases where the engineer inspects and controls the physical construction on a contemporary basis at the site.
- For boundary, roadway and building geometry information see engineering site plan. It is the Contractor's responsibility to verify that the building dimensions shown on the engineering plan agrees with the dimensions shown on the architectural plan. If any dimensions do not agree, the architect, engineer and owner shall be notified and the dimensions adjusted prior to commencing with construction.
- All construction in the City of St. Augustine Right-of-Way shall be coordinated with the Public Works Department. The contractor shall notify all utility companies prior to construction for verification and location of all utilities.
- Contractor shall furnish shop drawings to engineer indicating materials and manner of installation for all components of the project prior to purchase of materials and construction.
- These engineering drawings may not show all of the City of St. Augustine standard details required to complete construction of this project. It is the contractor's responsibility that the construction, outside the U.S. 1 ROW, be in accordance with all current City of St. Augustine Standard Details and Specifications. The contractor may obtain a copy of the City of St. Augustine, Florida Standard Details and Specifications from the Department of Public Works prior to beginning construction.
- All contractors shall furnish certified "as-builts", see As-Built Requirements on this sheet.
- Contractor shall verify and protect all existing trees and natural vegetation that are to remain undisturbed. The areas indicated for construction shall be cleared and grubbed to remove all roots and miscellaneous vegetation except specific trees that shall be protected from damage during construction with the use of tree barriers. Trees to be preserved are flagged, contractor shall verify before the start of construction.
- All work shall be performed in a safe manner. All safety rules and guidelines of OSHA shall be followed. The Contractor shall be solely responsible for any injuries of his employees, and any damage to private property or persons during the course of this project. All costs associated with complying with OSHA regulations and the Florida Trench Safety Act must be included in the Contractors bid.
- All improvements shown are to be warranted by the Contractor to the Developer for a period of one year from date of acceptance by the Owner. If the work is in the City Right-Of-Way or easement, the Contractor's one year warranty shall extend to the City of St. Augustine.
- The Contractor will contract with an independent testing laboratory to perform material testing and soil testing in accordance with the City requirement and the recommendations outlined in the geotechnical report. This shall include density testing in all pavement areas and building pads and in the utility trenches located in pavement areas, concrete testing and all other material testing. Prior to limerock placement, the project geotechnical engineer shall make recommendations for underdrain placement.
- The Contractor shall be responsible for obtaining all necessary permits and insurance required for the project, incl. the City of St. Augustine Right-Of-Way permits for work in the County right-of-way or easement.
- The Contractor shall coordinate the work within County or State Right-Of-Way with the proper agencies for maintenance of traffic and method of construction and repair.
- The Contractor shall provide no less than a 6 inch clearance between all utilities other than water mains, which shall be to County Health Department permit conditions.
- These plans do not stand by themselves. Bid documents, the City UD water and sewer standards details & materials, SJC standard specifications & details and any other standards, listed or references, are included in the project documents.

GRADING AND DRAINAGE NOTES:

- Contractor shall verify existing elevations at connection points prior to construction and notify Engineer of any discrepancies.
- See geotechnical report for site preparation requirements.

- The contractor shall coordinate the grading and drainage construction with all other construction.
- Contractor shall furnish shop drawings to the engineer for approval prior to beginning construction.
- All construction and materials shall conform with all City of St. Augustine standards.
- The contractor shall stake the storm sewer system and the sanitary sewer system and shall notify the engineer of any conflicts prior to installation of any pipe.
- The existing utility facilities and locations shown on the drawings are taken from readily available information. The actual locations of the utility facilities may vary somewhat from the locations shown and there may be utility facilities existing that are not shown or indicated on the drawings. The site utility contractor shall contact all agencies with utility facilities in the vicinity of the work and shall locate all underground facilities before beginning work. The contractor shall protect all utility facilities and repair any damages resulting from their work, in conformance with the contract documents and specifications and relocate if required at no cost to the owner.
- All underground utilities shall be installed prior to preparation of subgrade for pavement.
- If any unsuitable material is encountered the contractor shall notify the engineer immediately.
- The contractor shall be responsible for all sub-base, limerock and concrete testing as required by the project specifications.
- Slopes of new pond shall be sodded to one foot (vertical) below normal water line. One row of sod shall be installed along all edges of pavement at a minimum. All disturbed areas which are not sodded shall receive grass seed, fertilizer and mulch. See landscape plans for other requirements. Landscape plans have priority over this note.
- Stormwater Collection System design is based on the 5-year return frequency storm (SCS Method). Stormwater detention pond has been designed to attenuate peak flows from the 100-year critical return frequency storm. (SCS Method).
- All RCP pipe shall meet the requirements of ASTM C-76 and shall be Class III, Wall B.
- All pipe lengths are approximate and measured to the center of structure or mitered end section. Actual lengths may vary.
- Contractor shall limit excavation to no more than 6" in paved areas and 12" in the pond area.
- Do not scale these drawings. Use dimensions only.
- A qualified soils laboratory shall be on site during excavating to determine the suitability of the existing sub-grade and existing on-site material prior to beginning any filling operation.
- Grading contractor shall take all available precautions to control dust. Contractor shall control dust by sprinkling, or by other methods as directed by engineer and/or owner's representative at no additional cost to the owner.
- Contractor to coordinate all work with other utility installations not covered in these plans (Electric, Telephone, Gas, Cable, Etc) and allow for their operations and construction to be performed.
- Cut and fill slopes are not to exceed 4:1 unless otherwise noted.
- Contractor shall repair or replace in-kind any damage that occurs as result of his work.
- All soils test reports to be submitted to Project Engineer.
- The Contractor shall coordinate connection with site piping and building piping.
- All areas shown to be filled shall be cleared and grubbed in accordance with City Standards and shall be filled with clean structural fill compacted and tested in accordance with the geotechnical report.
- All debris resulting from all activities shall be disposed of off-site by the Contractor.
- All existing trees to remain shall be protected and preserved.
- Burning of trees, brush and other material shall be approved, permitted and coordinated with St. Johns County fire marshall by the Contractor.
- The Contractor shall submit shop drawings to the engineer and the City, if required, on all materials, for review and approval, prior to purchase or fabrication of any utility pipe or structure.
- All pipe lengths are scaled dimensions. All drainage structures shall be constructed to conform to City requirements and shall be constructed to conform to curbing, property lines and low points as shown on plans.
- Contractor shall ensure that all drainage structures, pipes, etc. are clean and functioning properly at time of acceptance.
- All drainage pipe joints in City drainage easements and drainage right-of-ways are to be filter-wrapped.
- All invert in drainage structures to be precast or brick with layer of mortar between each layer of brick, or reddy-mix concrete with #57 stone.
- The Contractor shall restore all culverts, headwalls and storm drain inlets removed or disturbed by the construction operation. The cost of these items shall be included in the price bid for furnishing and installing any new item causing such damage.
- Corrugated Polyethylene Pipe (CPP), shall be per AASHTO M252 or 294 with smooth inner lining Type S with bell and spigot, silt-tight, rubber-gasketed joints.

AS-BUILT REQUIREMENTS

Contractor shall provide complete as-built information to the project engineer in accordance with the following requirements:

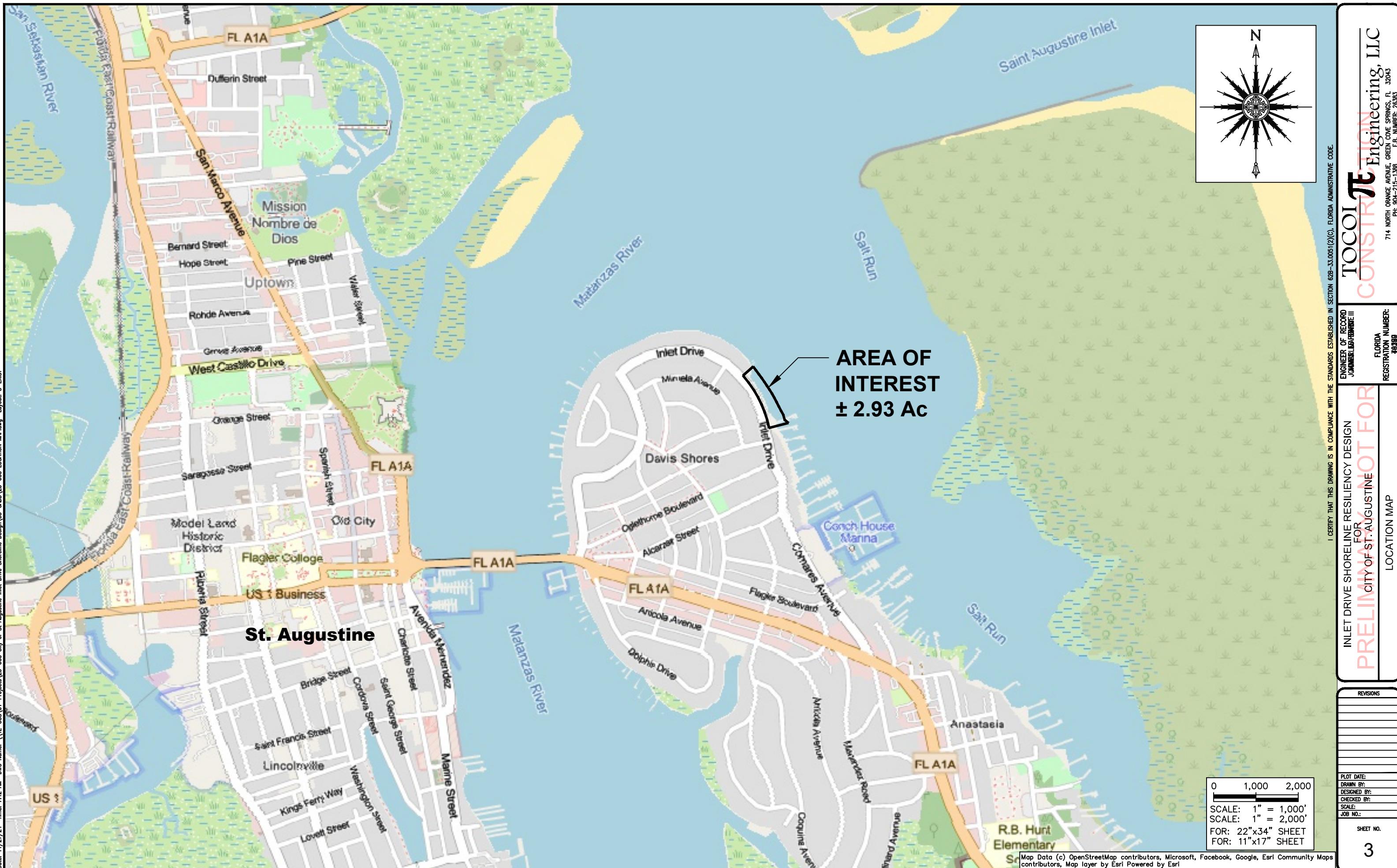
- As-built drawings shall be prepared in AutoCAD format by a registered land surveyor. One set of signed mylars and a set of computer disks of the project shall be submitted to the Engineer for review and approval. Signed and sealed prints shall be provided to the Engineer as requested.
- As-built drawings shall be in accordance with all authorities having jurisdiction. Contractor shall coordinate as-built submittals and approvals with jurisdictional agencies unless otherwise directed by the Project Engineer.
- Provide building locations, finish floor elevations, pavement grades and all underground facilities.
- Provide perimeter dimensions at top of bank and at bottom of pond.
- Provide elevations at top of bank and bottom of pond.
- Provide special detail drawings where installations were not as shown on contract drawings due to field conditions or where required for clarity.
- Provide location, elevation and description of benchmark(s).
- Locate and provide elevations of all structures. Location of all structures shall be from two (2) directions.
- Locate all pipes and provide size, elevation, invert elevations, length and type.
- Provide dimensions and elevations of the pond outfall structure(s).
- Water as-builts shall indicate the location of bacteriological sample points. Sample points shall be indicated in red or pink.
- The as-builts shall include a detail of every crossing of the new water main with gravity sewers, force mains and storm pipes clearly shown & indicating the vertical clearances at each crossing. Details shall be furnished for parallel runs where the horizontal separation is less than 10 feet.
- The centering of uncut lengths of pipe at points of crossing shall be documented on the as-builts and all mitigating construction measures clearly depicted in cases where a minimum of 18" of vertical clearance between the water and sewer (including storm) lines is not possible.

PRELIMINARY NOT FOR
INLET DRIVE SHORELINE RESILIENCY DESIGN
CITY OF ST. AUGUSTINE
GENERAL NOTES

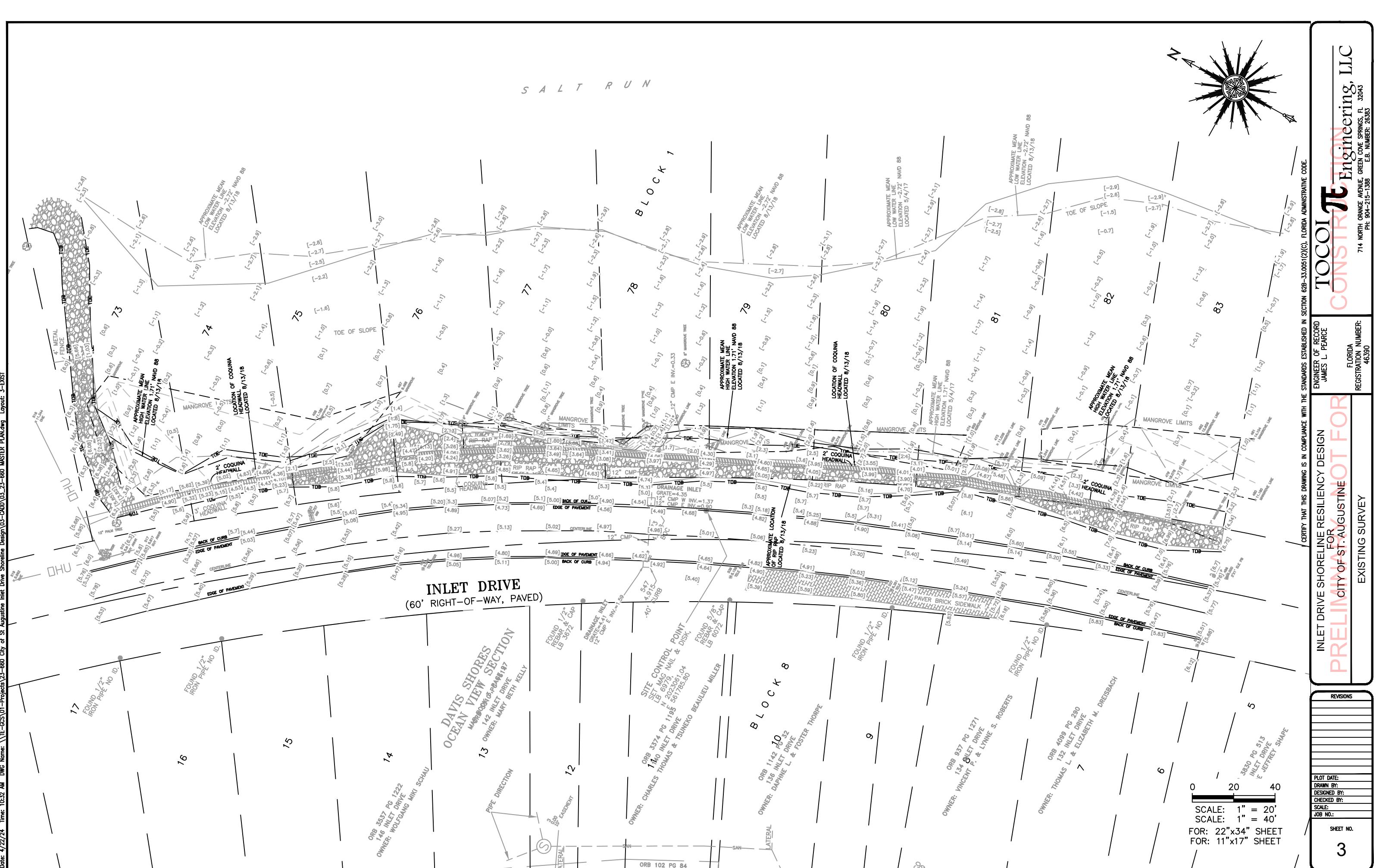
I CERTIFY THAT THIS DRAWING IS IN COMPLIANCE WITH THE STANDARDS ESTABLISHED IN SECTION 62B-33.005 (2)(C), FLORIDA ADMINISTRATIVE CODE.

TOCOI CONSTRUCTION
714 NORTH ORANGE AVENUE, GREEN COVE SPRINGS, FL 32043
E.B. NUMBER: 26383
PH: 904-215-1388

REVISIONS
PLOT DATE:
DRAWN BY:
DESIGNED BY:
CHECKED BY:
SCALE:
JOB NO.:
SHEET NO.
2



All documents and materials supplementing the signed and sealed documents are resources provided for clarification purposes only and do not supersede the signed and sealed documents. Engineer is not responsible for any deviations from the signed and sealed documents.



888 E.B. NUMBER: 26383
88 EUE, GREEN COVE SPRINGS, FL 32043

714 NORTH ORANGE AVENUE
PH: 904-215-1313

REGISTRATION NUMBER:
46390

REGIS

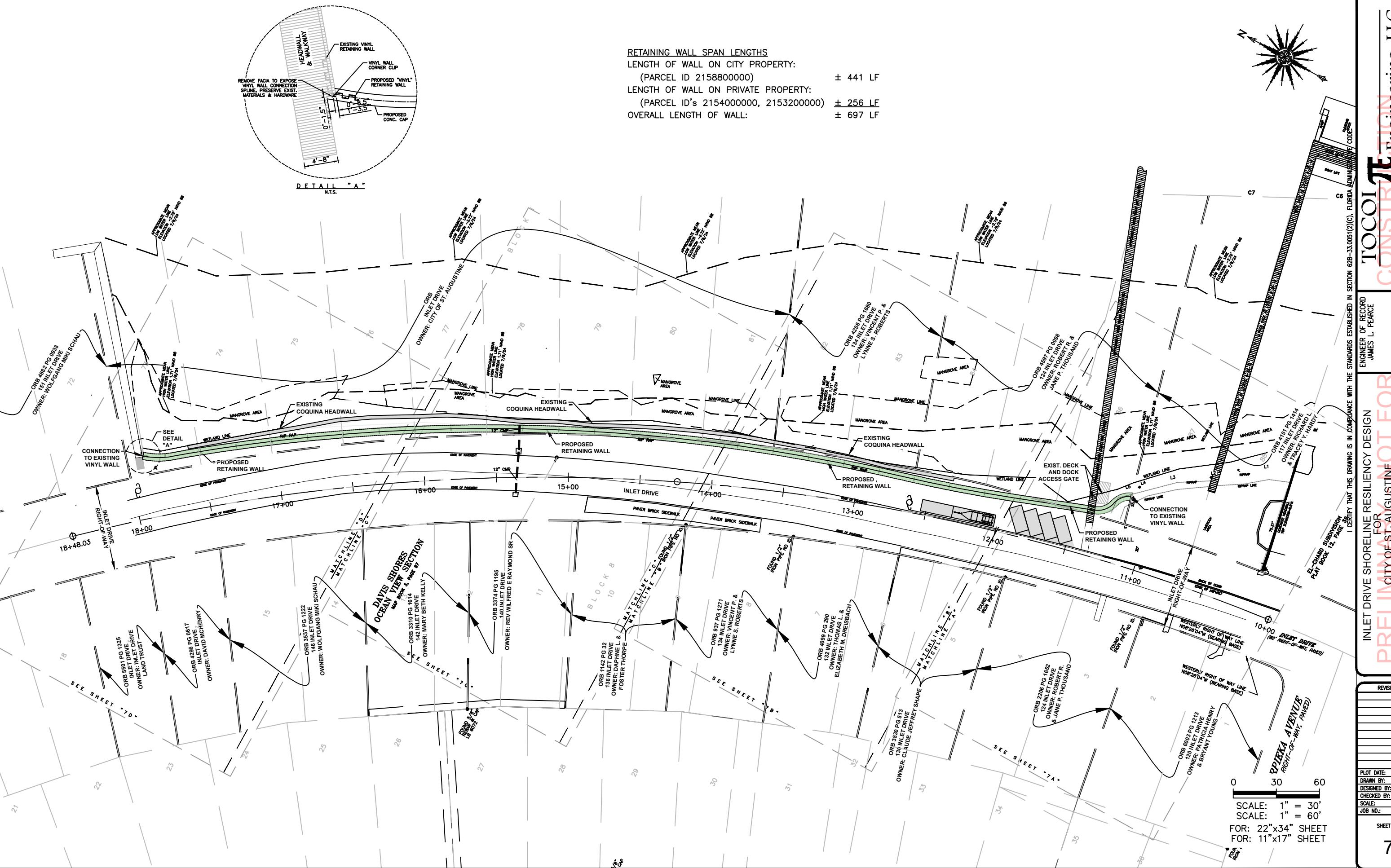
SURVEY

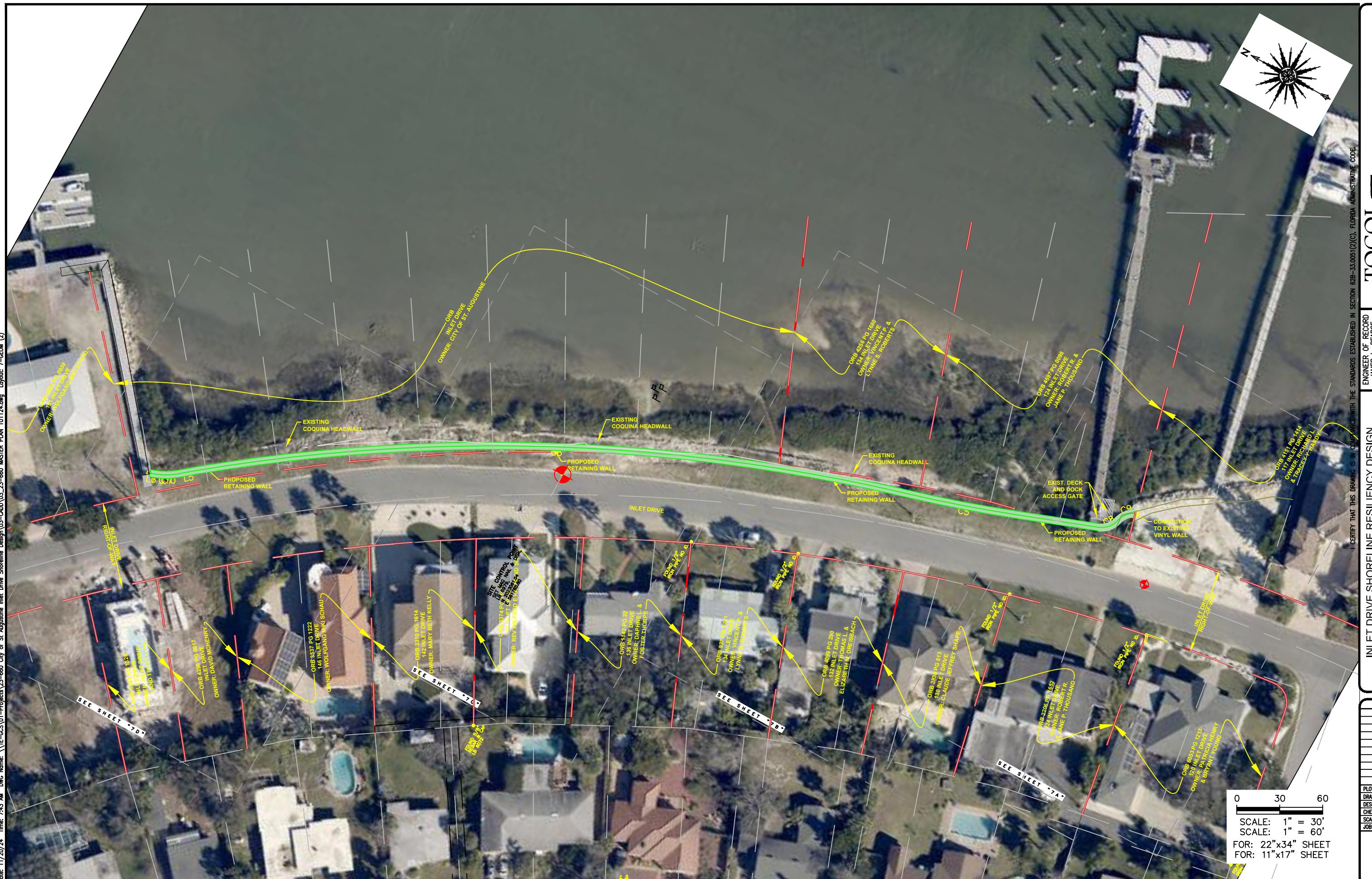
EXISTING

6

10.

1





All documents and materials supplementing the signed and sealed documents are resources provided for clarification purposes only and do not supersede the signed and sealed documents. Engineer is not responsible for any deviations from the signed and sealed documents.

Date: 11/19/24 Time: 7:58 AM DWG Name: \V:\GCS\01\Projects\23-660\City of St. Augustine\Inlet Drive Shoreline\Design 03-23-660\MASTER PLAN 101124.dwg Layout: 7A-GEOM

All documents and materials supplementing the signed and sealed documents are resources provided for clarification purposes only and do not supersede the signed and sealed documents. Engineer is not responsible for any deviations from the signed and sealed documents.

This site plan illustrates a coastal property with the following key features and details:

- Proposed Retaining Wall:** A green line representing the proposed retaining wall, labeled "PROPOSED RETAINING WALL".
- Existing Deck and Dock Access Gate:** A gate structure located near the proposed retaining wall.
- Approximate Wood Dock:** A dashed line representing an existing structure.
- Approximate Mean High Water Line:** Located at 1.71' NAVD 88, dated 7/8/24.
- Wetland Line:** A dashed line indicating the boundary of a wetland area.
- Mangrove Area:** Shaded areas representing mangrove habitats.
- Concrete Headwall:** A grey structure with a top elevation of 8.8' ±.
- INLET DRIVE:** A road leading to the property, with Right-of-Way lines marked.
- WESTERLY RIGHT OF WAY LINE:** A line running along the property boundary.
- ORTHOGRAMS:** Labels for ORB 2206 PG 1652 (124 INLET DRIVE, OWNER: ROBERT R. & JANE P. THOUSAND), ORB 6003 PG 1213 (120 INLET DRIVE, OWNER: PATRICIA HENRY & BRYANT YOUNG), and ORB 4151 PG 1414 (117 INLET DRIVE, OWNER: RICHARD L. & TRACEY Y. HARDY).
- IRON PIPE FINDINGS:** Two locations where "1/2" IRON PIPE NO ID." was found.
- Scale:** 1" = 10', 1" = 20'.
- Dimensions:** 10'0", 11'0", 12'0", 13'0", 14'0", 15'0", 16'0", 17'0", 18'0", 19'0", 20'0", 21'0", 22'0", 23'0", 24'0", 25'0", 26'0", 27'0", 28'0", 29'0", 30'0", 31'0", 32'0", 33'0", 34'0", 35'0", 36'0", 37'0", 38'0", 39'0", 40'0", 41'0", 42'0", 43'0", 44'0", 45'0", 46'0", 47'0", 48'0", 49'0", 50'0", 51'0", 52'0", 53'0", 54'0", 55'0", 56'0", 57'0", 58'0", 59'0", 60'0", 61'0", 62'0", 63'0", 64'0", 65'0", 66'0", 67'0", 68'0", 69'0", 70'0", 71'0", 72'0", 73'0", 74'0", 75'0", 76'0", 77'0", 78'0", 79'0", 80'0", 81'0", 82'0", 83'0", 84'0", 85'0", 86'0", 87'0", 88'0", 89'0", 90'0", 91'0", 92'0", 93'0", 94'0", 95'0", 96'0", 97'0", 98'0", 99'0", 100'0", 101'0", 102'0", 103'0", 104'0", 105'0", 106'0", 107'0", 108'0", 109'0", 110'0", 111'0", 112'0", 113'0", 114'0", 115'0", 116'0", 117'0", 118'0", 119'0", 120'0", 121'0", 122'0", 123'0", 124'0", 125'0", 126'0", 127'0", 128'0", 129'0", 130'0", 131'0", 132'0", 133'0", 134'0", 135'0", 136'0", 137'0", 138'0", 139'0", 140'0", 141'0", 142'0", 143'0", 144'0", 145'0", 146'0", 147'0", 148'0", 149'0", 150'0", 151'0", 152'0", 153'0", 154'0", 155'0", 156'0", 157'0", 158'0", 159'0", 160'0", 161'0", 162'0", 163'0", 164'0", 165'0", 166'0", 167'0", 168'0", 169'0", 170'0", 171'0", 172'0", 173'0", 174'0", 175'0", 176'0", 177'0", 178'0", 179'0", 180'0", 181'0", 182'0", 183'0", 184'0", 185'0", 186'0", 187'0", 188'0", 189'0", 190'0", 191'0", 192'0", 193'0", 194'0", 195'0", 196'0", 197'0", 198'0", 199'0", 200'0", 201'0", 202'0", 203'0", 204'0", 205'0", 206'0", 207'0", 208'0", 209'0", 210'0", 211'0", 212'0", 213'0", 214'0", 215'0", 216'0", 217'0", 218'0", 219'0", 220'0", 221'0", 222'0", 223'0", 224'0", 225'0", 226'0", 227'0", 228'0", 229'0", 230'0", 231'0", 232'0", 233'0", 234'0", 235'0", 236'0", 237'0", 238'0", 239'0", 240'0", 241'0", 242'0", 243'0", 244'0", 245'0", 246'0", 247'0", 248'0", 249'0", 250'0", 251'0", 252'0", 253'0", 254'0", 255'0", 256'0", 257'0", 258'0", 259'0", 260'0", 261'0", 262'0", 263'0", 264'0", 265'0", 266'0", 267'0", 268'0", 269'0", 270'0", 271'0", 272'0", 273'0", 274'0", 275'0", 276'0", 277'0", 278'0", 279'0", 280'0", 281'0", 282'0", 283'0", 284'0", 285'0", 286'0", 287'0", 288'0", 289'0", 290'0", 291'0", 292'0", 293'0", 294'0", 295'0", 296'0", 297'0", 298'0", 299'0", 300'0", 301'0", 302'0", 303'0", 304'0", 305'0", 306'0", 307'0", 308'0", 309'0", 310'0", 311'0", 312'0", 313'0", 314'0", 315'0", 316'0", 317'0", 318'0", 319'0", 320'0", 321'0", 322'0", 323'0", 324'0", 325'0", 326'0", 327'0", 328'0", 329'0", 330'0", 331'0", 332'0", 333'0", 334'0", 335'0", 336'0", 337'0", 338'0", 339'0", 340'0", 341'0", 342'0", 343'0", 344'0", 345'0", 346'0", 347'0", 348'0", 349'0", 350'0", 351'0", 352'0", 353'0", 354'0", 355'0", 356'0", 357'0", 358'0", 359'0", 360'0", 361'0", 362'0", 363'0", 364'0", 365'0", 366'0", 367'0", 368'0", 369'0", 370'0", 371'0", 372'0", 373'0", 374'0", 375'0", 376'0", 377'0", 378'0", 379'0", 380'0", 381'0", 382'0", 383'0", 384'0", 385'0", 386'0", 387'0", 388'0", 389'0", 390'0", 391'0", 392'0", 393'0", 394'0", 395'0", 396'0", 397'0", 398'0", 399'0", 400'0", 401'0", 402'0", 403'0", 404'0", 405'0", 406'0", 407'0", 408'0", 409'0", 410'0", 411'0", 412'0", 413'0", 414'0", 415'0", 416'0", 417'0", 418'0", 419'0", 420'0", 421'0", 422'0", 423'0", 424'0", 425'0", 426'0", 427'0", 428'0", 429'0", 430'0", 431'0", 432'0", 433'0", 434'0", 435'0", 436'0", 437'0", 438'0", 439'0", 440'0", 441'0", 442'0", 443'0", 444'0", 445'0", 446'0", 447'0", 448'0", 449'0", 450'0", 451'0", 452'0", 453'0", 454'0", 455'0", 456'0", 457'0", 458'0", 459'0", 450'0", 451'0", 452'0", 453'0", 454'0", 455'0", 456'0", 457'0", 458'0", 459'0", 460'0", 461'0", 462'0", 463'0", 464'0", 465'0", 466'0", 467'0", 468'0", 469'0", 470'0", 471'0", 472'0", 473'0", 474'0", 475'0", 476'0", 477'0", 478'0", 479'0", 480'0", 481'0", 482'0", 483'0", 484'0", 485'0", 486'0", 487'0", 488'0", 489'0", 490'0", 491'0", 492'0", 493'0", 494'0", 495'0", 496'0", 497'0", 498'0", 499'0", 500'0", 501'0", 502'0", 503'0", 504'0", 505'0", 506'0", 507'0", 508'0", 509'0", 510'0", 511'0", 512'0", 513'0", 514'0", 515'0", 516'0", 517'0", 518'0", 519'0", 510'0", 511'0", 512'0", 513'0", 514'0", 515'0", 516'0", 517'0", 518'0", 519'0", 520'0", 521'0", 522'0", 523'0", 524'0", 525'0", 526'0", 527'0", 528'0", 529'0", 530'0", 531'0", 532'0", 533'0", 534'0", 535'0", 536'0", 537'0", 538'0", 539'0", 530'0", 531'0", 532'0", 533'0", 534'0", 535'0", 536'0", 537'0", 538'0", 539'0", 540'0", 541'0", 542'0", 543'0", 544'0", 545'0", 546'0", 547'0", 548'0", 549'0", 540'0", 541'0", 542'0", 543'0", 544'0", 545'0", 546'0", 547'0", 548'0", 549'0", 550'0", 551'0", 552'0", 553'0", 554'0", 555'0", 556'0", 557'0", 558'0", 559'0", 550'0", 551'0", 552'0", 553'0", 554'0", 555'0", 556'0", 557'0", 558'0", 559'0", 560'0", 561'0", 562'0", 563'0", 564'0", 565'0", 566'0", 567'0", 568'0", 569'0", 560'0", 561'0", 562'0", 563'0", 564'0", 565'0", 566'0", 567'0", 568'0", 569'0", 570'0", 571'0", 572'0", 573'0", 574'0", 575'0", 576'0", 577'0", 578'0", 579'0", 570'0", 571'0", 572'0", 573'0", 574'0", 575'0", 576'0", 577'0", 578'0", 579'0", 580'0", 581'0", 582'0", 583'0", 584'0", 585'0", 586'0", 587'0", 588'0", 589'0", 580'0", 581'0", 582'0", 583'0", 584'0", 585'0", 586'0", 587'0", 588'0", 589'0", 590'0", 591'0", 592'0", 593'0", 594'0", 595'0", 596'0", 597'0", 598'0", 599'0", 590'0", 591'0", 592'0", 593'0", 594'0", 595'0", 596'0", 597'0", 598'0", 599'0", 600'0", 601'0", 602'0", 603'0", 604'0", 605'0", 606'0", 607'0", 608'0", 609'0", 600'0", 601'0", 602'0", 603'0", 604'0", 605'0", 606'0", 607'0", 608'0", 609'0", 610'0", 611'0", 612'0", 613'0", 614'0", 615'0", 616'0", 617'0", 618'0", 619'0", 610'0", 611'0", 612'0", 613'0", 614'0", 615'0", 616'0", 617'0", 618'0", 619'0", 620'0", 621'0", 622'0", 623'0", 624'0", 625'0", 626'0", 627'0", 628'0", 629'0", 620'0", 621'0", 622'0", 623'0", 624'0", 625'0", 626'0", 627'0", 628'0", 629'0", 630'0", 631'0", 632'0", 633'0", 634'0", 635'0", 636'0", 637'0", 638'0", 639'0", 630'0", 631'0", 632'0", 633'0", 634'0", 635'0", 636'0", 637'0", 638'0", 639'0", 640'0", 641'0", 642'0", 643'0", 644'0", 645'0", 646'0", 647'0", 648'0", 649'0", 640'0", 641'0", 642'0", 643'0", 644'0", 645'0", 646'0", 647'0", 648'0", 649'0", 650'0", 651'0", 652'0", 653'0", 654'0", 655'0", 656'0", 657'0", 658'0", 659'0", 650'0", 651'0", 652'0", 653'0", 654'0", 655'0", 656'0", 657'0", 658'0", 659'0", 660'0", 661'0", 662'0", 663'0", 664'0", 665'0", 666'0", 667'0", 668'0", 669'0", 660'0", 661'0", 662'0", 663'0", 664'0", 665'0", 666'0", 667'0", 668'0", 669'0", 670'0", 671'0", 672'0", 673'0", 674'0", 675'0", 676'0", 677'0", 678'0", 679'0", 670'0", 671'0", 672'0", 673'0", 674'0", 675'0", 676'0", 677'0", 678'0", 679'0", 680'0", 681'0", 682'0", 683'0", 684'0", 685'0", 686'0", 687'0", 688'0", 689'0", 680'0", 681'0", 682'0", 683'0", 684'0", 685'0", 686'0", 687'0", 688'0", 689'0", 690'0", 691'0", 692'0", 693'0", 694'0", 695'0", 696'0", 697'0", 698'0", 699'0", 690'0", 691'0", 692'0", 693'0", 694'0", 695'0", 696'0", 697'0", 698'0", 699'0", 700'0", 701'0", 702'0", 703'0", 704'0", 705'0", 706'0", 707'0", 708'0", 709'0", 700'0", 701'0", 702'0", 703'0", 704'0", 705'0", 706'0", 707'0", 708'0", 709'0", 710'0", 711'0", 712'0", 713'0", 714'0", 715'0", 716'0", 717'0", 718'0", 719'0", 710'0", 711'0", 712'0", 713'0", 714'0", 715'0", 716'0", 717'0", 718'0", 719'0", 720'0", 721'0", 722'0", 723'0", 724'0", 725'0", 726'0", 727'0", 728'0", 729'0", 720'0", 721'0", 722'0", 723'0", 724'0", 725'0", 726'0", 727'0", 728'0", 729'0", 730'0", 731'0", 732'0", 733'0", 734'0", 735'0", 736'0", 737'0", 738'0", 739'0", 730'0", 731'0", 732'0", 733'0", 734'0", 735'0", 736'0", 737'0", 738'0", 739'0", 740'0", 741'0", 742'0", 743'0", 744'0", 745'0", 746'0", 747'0", 748'0", 749'0", 740'0", 741'0", 742'0", 743'0", 744'0", 745'0", 746'0", 747'0", 748'0", 749'0", 750'0", 751'0", 752'0", 753'0", 754'0", 755'0", 756'0", 757'0", 758'0", 759'0", 750'0", 751'0", 752'0", 753'0", 754'0", 755'0", 756'0", 757'0", 758'0", 759'0", 760'0", 761'0", 762'0", 763'0", 764'0", 765'0", 766'0", 767'0", 768'0", 769'0", 760'0", 761'0", 762'0", 763'0", 764'0", 765'0", 766'0", 767'0", 768'0", 769'0", 770'0", 771'0", 772'0", 773'0", 774'0", 775'0", 776'0", 777'0", 778'0", 779'0", 770'0", 771'0", 772'0", 773'0", 774'0", 775'0", 776'0", 777'0", 778'0", 779'0", 780'0", 781'0", 782'0", 783'0", 784'0", 785'0", 786'0", 787'0", 788'0", 789'0", 780'0", 781'0", 782'0", 783'0", 784'0", 785'0", 786'0", 787'0", 788'0", 789'0", 790'0", 791'0", 792'0", 793'0", 794'0", 795'0", 796'0", 797'0", 798'0", 799'0", 790'0", 791'0", 792'0", 793'0", 794'0", 795'0", 796'0", 797'0", 798'0", 799'0", 800'0", 801'0", 802'0", 803'0", 804'0", 805'0", 806'0", 807'0", 808'0", 809'0", 800'0", 801'0", 802'0", 803'0", 804'0", 805'0", 806'0", 807'0", 808'0", 809'0", 810'0", 811'0", 812'0", 813'0", 814'0", 815'0", 816'0", 817'0", 818'0", 819'0", 810'0", 811'0", 812'0", 813'0", 814'0", 815'0", 816'0", 817'0", 818'0", 819'0", 820'0", 821'0", 822'0", 823'0", 824'0", 825'0", 826'0", 827'0", 828'0", 829'0", 820'0", 821'0", 822'0", 823'0", 824'0", 825'0", 826'0", 827'0", 828'0", 829'0", 830'0", 831'0", 832'0", 833'0", 834'0", 835'0", 836'0", 837'0", 838'0", 839'0", 830'0", 831'0", 832'0", 833'0", 834'0", 835'0", 836'0", 837'0", 838'0", 839'0", 840'0", 841'0", 842'0", 843'0", 844'0", 845'0", 846'0", 847'0", 848'0", 849'0", 840'0", 841'0", 842'0", 843'0", 844'0", 845'0", 846'0", 847'0", 848'0", 849'0", 850'0", 851'0", 852'0", 853'0", 854'0", 855'0", 856'0", 857'0", 858'0", 859'0", 850'0", 851'0", 852'0", 853'0", 854'0", 855'0", 856'0", 857'0", 858'0", 859'0", 860'0", 861'0", 862'0", 863'0", 864'0", 865'0", 866'0", 867'0", 868'0", 869'0", 860'0", 861'0", 862'0", 863'0", 864'0", 865'0", 866'0", 867'0", 868'

INLET DRIVE SHORELINE RESILIENCY DESIGN FOR CITY OF ST. AUGUSTINE PRELIMINARY

PLOT DATE:
DRAWN BY:
DESIGNED BY:
CHECKED BY:
SCALE:
JOB NO.:

SHEET M
7A

7A

Date: 11/19/24 Time: :56 AM DWG Name: \TE-GCS01-Projects\23-660 City of St Augustine Inlet Drive Shoreline Design\03-CADD\03-23-660 MASTER PLAN 10124.dwg Layout: TAB-GEOM

all documents and materials supplementing the signed and sealed documents are resources provided for clarification purposes only and do not supersede the signed and sealed documents. Engineer is not responsible for any deviations from the signed and sealed documents.

— ORB 4099 PG 290
132 INLET DRIVE
OWNER: THOMAS L. &
ELIZABETH M. DREISBA

ORB 3830 PG 513
130 INLET DRIVE
OWNER: CLAUDE JEFFREY

— M A T C H L N E " B " —
 M A T C H L N E " A " —

— ORB 2206 PG 165
124 INLET DRIVE
OWNER: ROBERT
& JANE P. THOUSET

FOUND 1/2"
IRON PIPE NO ID.

Site plan showing the layout for a COQUINA HEADWALL. The wall is 30' high and 8' thick, located 22' from the BASE LINE. The COQUINA HEADWALL is labeled C5. A PITLINE and ASPHALT area are also shown. A small building is located at the bottom right. A dimension line at the bottom indicates a height of 12' 0".

The diagram illustrates a proposed retaining wall (shaded green) running parallel to an existing dock access gate (shaded grey). The wall is labeled 'PROPOSED RETAINING WALL'. The gate is labeled 'EXIST. DOCK ACCESS GATE'. A vertical dimension line indicates a height of 25.8' from the base of the wall to the top of the gate. A label 'CONN. TO EXIST. VINYL WALL' points to the connection point of the proposed wall to the existing structure. The plan also shows a curved line labeled 'C9' and a straight line labeled 'C9'.

ORB 4597 PG 0098
124 INLET DRIVE
OWNER: ROBERT R. &
JANE P. THOUSAND

A scale bar and a conversion table. The scale bar shows 10 and 20 units. Below it, a table converts inches to feet and inches to meters.

SCALE:	1"	=	10'
CALE:	1"	=	20'
R:	22"	×34"	SHEET
R:	11"	×17"	SHEET

R: 11" x 17" SHEET

A compass rose with a central circle and eight radiating arrows pointing North, South, East, and West.

~~SECTION~~ Engineering, LLC

TOCOI CONSTRUIR

ENGINEER OF RECORD
JAMES L. PEARCE
FLORIDA
REGISTRATION NUMBER

SHORELINE RESILIENCY DESIGN FOR THE MAYA TY OF ST. AUGUSTINE

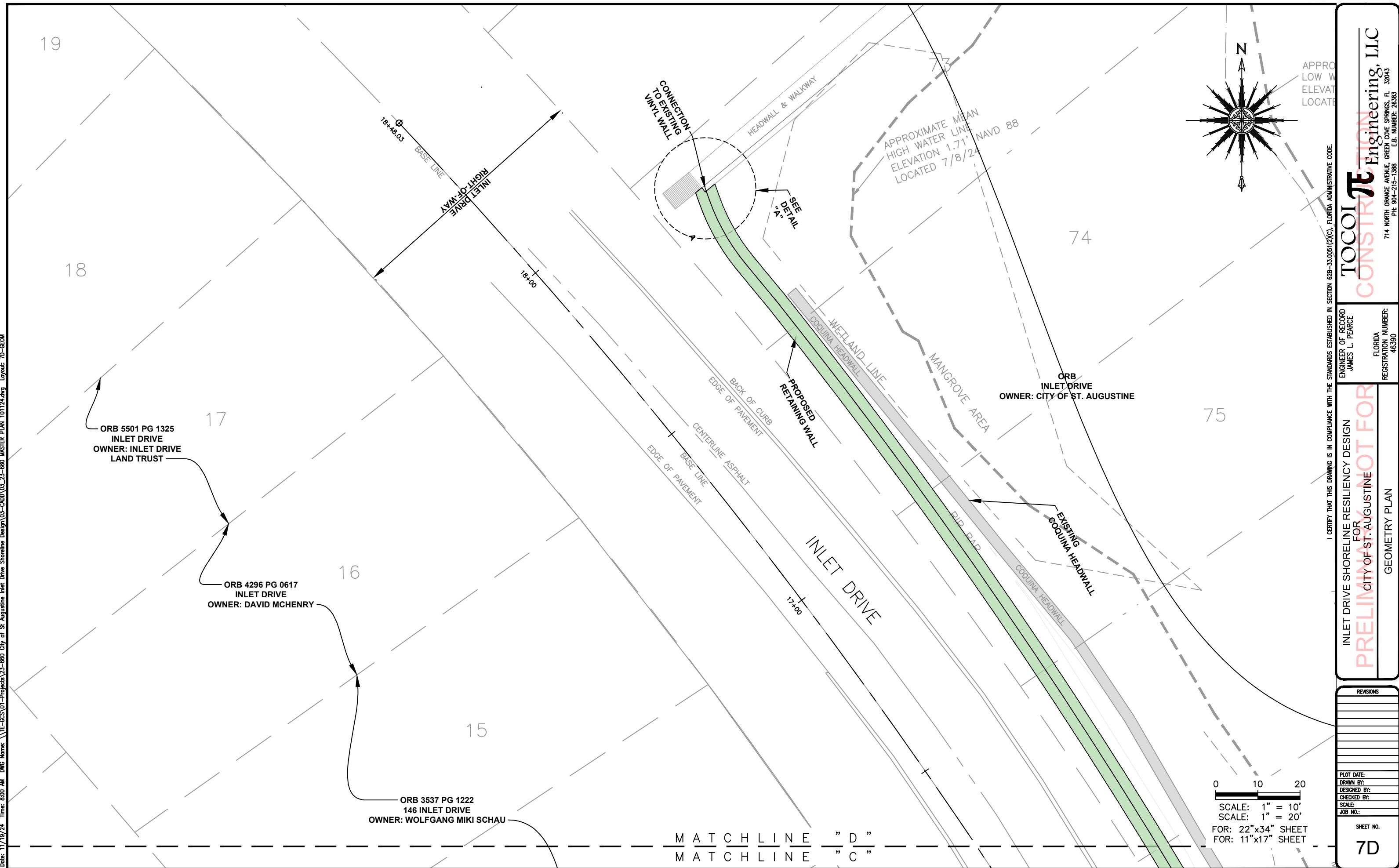
INLET DRIVE : **PRELIM**

PLOT DATE:
DRAWN BY:
DESIGNED BY:
CHECKED BY:
SCALE:
JOB NO.:

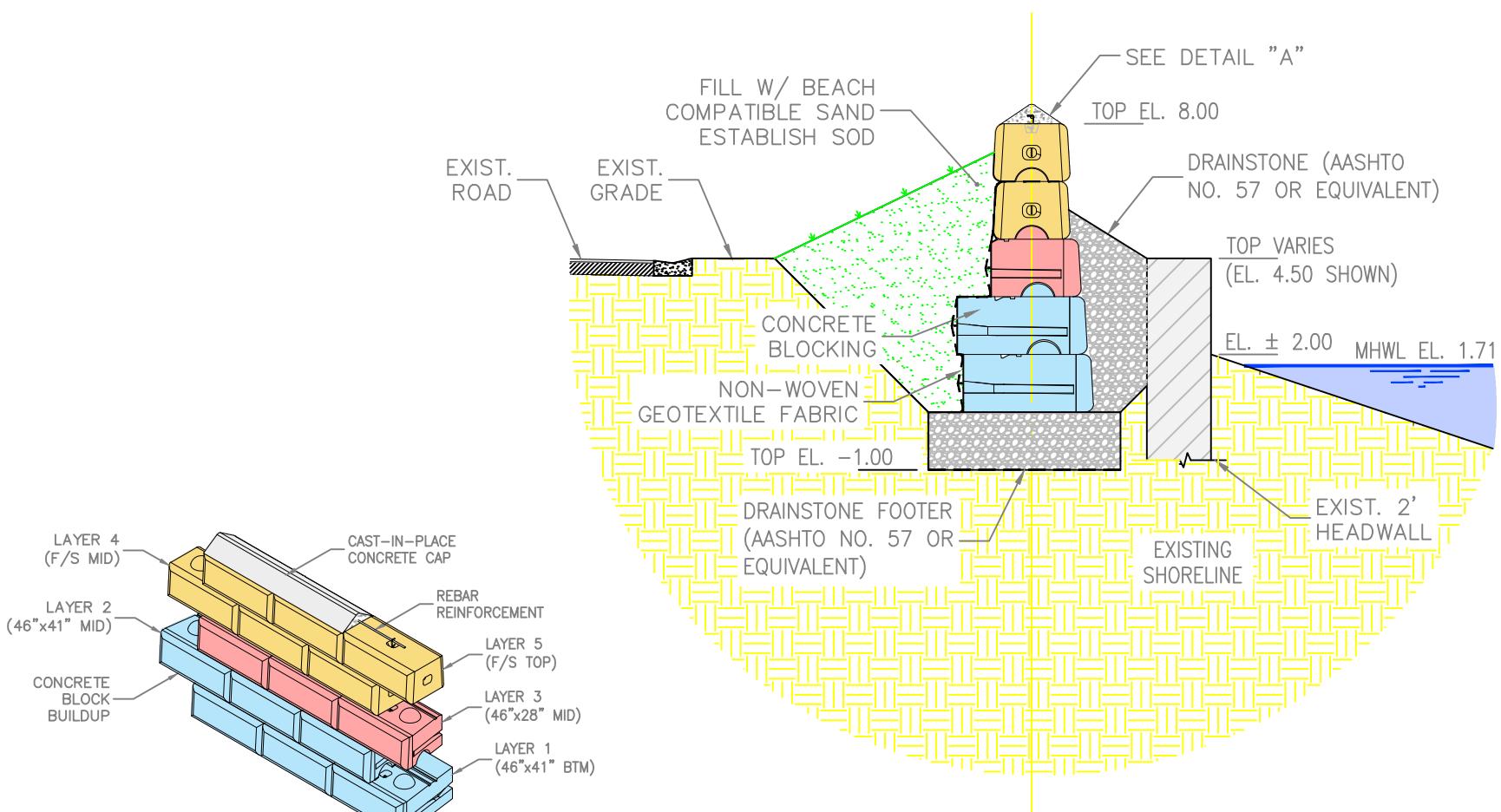
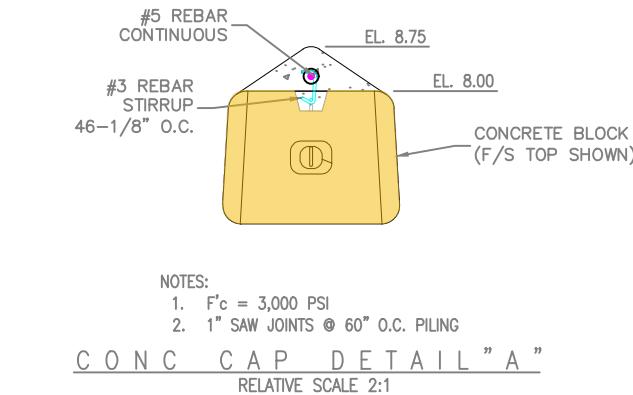
SHEET NO.
7AB





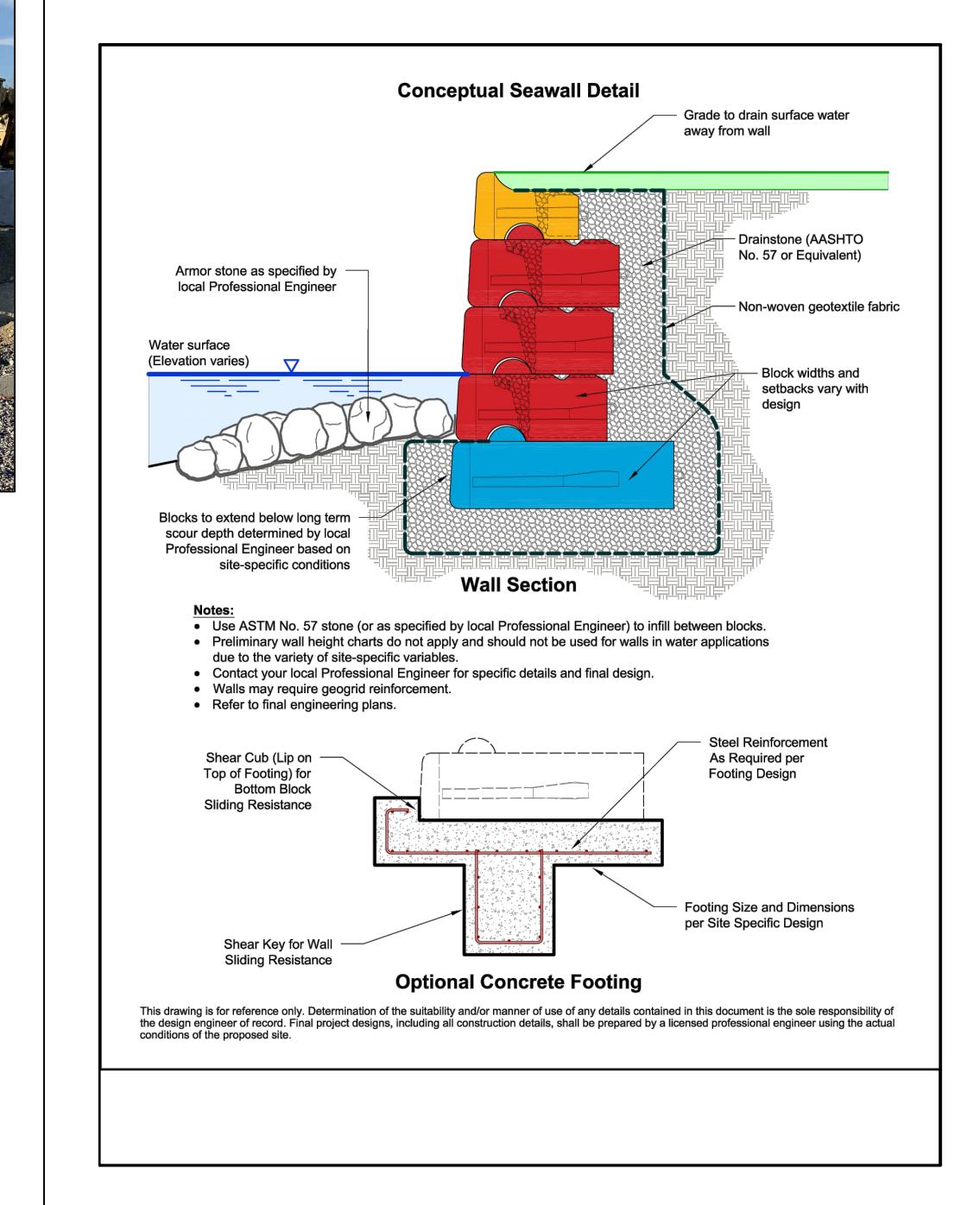


All documents and materials supplementing the signed and sealed documents are resources provided for clarification purposes only and do not supersede the signed and sealed documents. Engineer is not responsible for any deviations from the signed and sealed documents.



TYPICAL RETAINING WALL DETAIL - CONCRETE BLOCKING

ALL BOLTS, COUPLERS, AND NUTS SHALL BE LOCKED TO PREVENT LOOSENING
CONCRETE: $F'c = 4,000$ PSI
REBAR: $F_y = 60$ KSI ZINC COATED
SAW JOINT: 1" @ 72" O.C.



LEGEND

- EXISTING 2' BLOCK HEADWALL
- DRAINSTONE (NO. 57 OR EQUIVALENT)
- CLEAN FREE DRAINING BEACH COMPATIBLE SAND (SP) (FDEP ACCEPTED) COMPACTED BACKFILL
- EXISTING SHORELINE (NATURAL GROUND)

INLET DRIVE SHORELINE RESILIENCY DESIGN
PRELIMINARY FOR NOT FOR
SEAWALL DETAILS - REDI-ROCK BLOCKING
CITY OF ST. AUGUSTINE

TOCOI CONSTRUCTION Engineering, LLC
714 NORTH ORANGE AVENUE, GREEN COVE SPRINGS, FL 32043
E.B. NUMBER: 26383
PH: 904-215-1388

REVISIONS
PLOT DATE:
DRAWN BY:
DESIGNED BY:
CHECKED BY:
SCALE:
JOB NO.:
SHEET NO.
4

STORM WATER POLLUTION PREVENTION PLAN

CITY'S REQUIREMENTS		CONTRACTOR'S REQUIREMENTS																
<p>SITE DESCRIPTION</p> <p>PROJECT NAME AND LOCATION: INLET DRIVE SHORELINE RESILIENCY DESIGN ST. AUGUSTINE, FL 32085</p> <p>OWNER NAME AND ADDRESS: CITY OF ST. AUGUSTINE PUBLIC WORKS DEPARTMENT P.O. BOX 210 ST. AUGUSTINE, FL 32085-0210</p> <p>DESCRIPTION SECTION 17, TOWNSHIP 7, RANGE 30 DAVIS SHORES LOTS 73 74 75 76 77 78 79 80 & 81 BLK 1 OR23/477</p> <p>SOIL DISTURBING ACTIVITIES WILL INCLUDE: CLEARING AND GRUBBING; EARTHWORK, PAVEMENT AND GRADING; STORM SEWER, UTILITIES, AND PREPARATION FOR FINAL PLANTING AND SEEDING.</p> <p>RUNOFF CURVE NUMBERS: 1. PRE-CONSTRUCTION = 2. DURING CONSTRUCTION = 3. POST-CONSTRUCTION =</p> <p>SOILS: SEE SOIL BORING REPORT FOR SOILS DATA</p> <p>SITE MAPS: * SEE ATTACHED GRADING PLAN FOR PRE & POST DEVELOPMENT GRADES, AREAS OF SOILS, DISTURBANCE, LOCATION OF SURFACE WATERS, WETLANDS, PROTECTED AREAS, MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS AND STORM WATER DISCHARGE POINTS.</p> <p>* SEE ATTACHED EROSION & TURBIDITY CONTROL PLAN FOR LOCATION OF TEMPORARY STABILIZATION PRACTICES, AND TURBIDITY BARRIERS</p> <p>* SEE GENERAL NOTES FOR REQUIREMENTS FOR TEMPORARY AND PERMANENT STABILIZATION.</p> <p>SITE AREA: 1. TOTAL AREA OF SITE = 2. TOTAL AREA TO BE DISTURBED =</p> <p>NAME OF RECEIVING WATERS:</p> <p>CONTROLS</p> <p>THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN OFF. AN EROSION AND TURBIDITY PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE AND LOCAL LAWS. REFER TO "CONTRACTOR'S RESPONSIBILITY" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.</p> <p>STORM WATER MANAGEMENT STORM WATER DRAINAGE WILL BE PROVIDED BY (DESCRIPTION): _____</p> <p>FOR THE PROJECT, AREAS WHICH ARE NOT TO BE CONSTRUCTED ON, BUT WILL BE REGRADED SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE, WHEN CONSTRUCTION IS COMPLETE, A TOTAL OF _____ ACRES WILL HAVE BEEN REGRADED, _____ ACRES LEFT UNDISTURBED. THE SITE DISCHARGES TO A NET DETENTION SYSTEM. WHERE PRACTICAL, TEMPORARY SEDIMENT BASINS WILL BE USED TO INTERCEPT SEDIMENT BEFORE ENTERING THE PERMANENT DETENTION BASIN. THE NET DETENTION SYSTEM IS DESIGNED WITH A _____ DAY MINIMUM RESIDENCE VOLUME. THIS IS IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT FOR THIS TYPE OF DEVELOPMENT AT THE TIME OF PERMITTING.</p> <p>TIMING OF CONTROLS/MEASURES</p> <p>REFER TO " CONTRACTOR'S RESPONSIBILITY" FOR THE TIMING OF CONTROL/MEASURES.</p> <p>CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS</p> <p>IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS RELATED TO STORM WATER MANAGEMENT AND EROSION AND TURBIDITY CONTROLS, THE FOLLOWING PERMITS HAVE BEEN OBTAINED.</p> <p>D.E.R. DREDGE/FILL PERMIT # _____ C.O.E. DREDGE PERMIT # _____ S.J.R.W.M.D. M.S.S.W. PERMIT # _____</p> <p>POLLUTION PREVENTION PLAN CERTIFICATION</p> <p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p> <p>SIGNED: _____ CITY ENGINEER</p>		<p>GENERAL</p> <p>THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS. DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR MAY BE REQUIRED TO ADD FLOCCULANTS TO THE RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.</p> <p>SEQUENCE OF MAJOR ACTIVITIES:</p> <p>THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:</p> <ol style="list-style-type: none"> 1. INSTALL STABILIZED CONSTRUCTION ENTRANCE 2. INSTALL SILT FENCES AND HAY BALES AS REQUIRED 3. CLEAR AND GRUB FOR DIVERSION SWALES/DIKES AND SEDIMENT BASIN 4. CONSTRUCT SEDIMENTATION BASIN 5. CONTINUE CLEARING AND GRUBBING 6. STOCK PILE TOP SOIL IF REQUIRED 7. PERFORM PRELIMINARY GRADING ON SITE AS REQUIRED 8. STABILIZE DENUDED AREAS AND STOCKPILES AS SOON AS PRACTICABLE 9. INSTALL UTILITIES, STORM SEWER, CURBS & GUTTER 10. APPLY BASE TO PROJECT 11. COMPLETE GRADING AND INSTALL PERMANENT SEEDING/SOD AND PLANTING 12. COMPLETE FINAL PAVING 13. REMOVE ACCUMULATED SEDIMENT FROM BASINS 14. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY DIVERSION SWALES/DIKES AND RESEED/SOD AS REQUIRED <p>TIMING OF CONTROLS/MEASURES</p> <p>AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES AND HAY BALES, STABILIZED CONSTRUCTION ENTRANCE AND SEDIMENT BASIN WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT TRAPS AND THE EARTH DIKE/SWALE WILL BE REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE EROSION & TURBIDITY CONTROL PLAN.</p> <p>CONTROLS</p> <p>IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED, TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE EROSION AND TURBIDITY CONTROL PLAN AND AS REQUIRED TO MEET THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES.</p> <p>EROSION AND SEDIMENT CONTROLS STABILIZATION PRACTICES</p> <p>1. HAY BAILE BARRIER: HAY BAILE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS: A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT. B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES. C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS. D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF STRAW BAILE BARRIERS CONSTRUCTED IN LIVE STREAMS OR IN SWALES WHERE THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE AGAINST WASHOUT. REFER TO CITY STANDARD DETAIL D-911 FOR CONSTRUCTING THE HAY BAILE BARRIER. ALSO REFER TO D-901, D-911 AND D-12 FOR PROPER LOCATION, MATERIAL & USAGE.</p> <p>2. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS: A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT. B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES. REFER TO CITY STANDARD DETAIL D-910 FOR PROPER CONSTRUCTION OF THE FILTER FABRIC BARRIER.</p> <p>3. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE.</p> <p>4. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT-FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE GRADED AREAS UNTO UNDISTURBED STABILIZED AREAS. THIS PRACTICE APPLIES ONLY IN THOSE SITUATIONS WHERE THE SPREADER CAN BE</p> <p>CONTRACTOR'S REQUIREMENTS</p> <p>CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL UP IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE. LEVEL SPREADER SHALL BE CONSTRUCTED IN ACCORDANCE TO CITY STANDARD DETAIL D-914.</p> <p>5. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY.</p> <p>6. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL NOT EXCEED 10 ACRES. THIS REQUIREMENT MAY BE WAIVED FOR LARGE PROJECTS WITH AN EROSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ADDITIONAL AREAS WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSITS OF SEDIMENTS.</p> <p>7. INLET PROTECTION: INLETS AND CATCH BASINS WHICH DISCHARGE DIRECTLY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET.</p> <p>8. TEMPORARY SEEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL GRASSING TREATMENT WITHIN 30 DAYS SHALL BE SEEDED WITH A QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPETE WITH THE PERMANENT GRASSING.</p> <p>9. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 8 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH.</p> <p>10. TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDRONUMED OR OTHER SUITABLE METHODS REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER. TEMPORARY GRASSING SHALL BE THE SAME MIX & AMOUNT REQUIRED FOR PERMANENT GRASSING IN THE CONTRACT SPECIFICATIONS.</p> <p>11. TEMPORARY REGRASSING : IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER.</p> <p>12. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.</p> <p>13. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.</p> <p>14. PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SEEDED AND MULCHED OR SODDED.</p> <p>STRUCTURAL PRACTICES</p> <p>1. TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY, AND IT SHALL BE CONSTRUCTED IN ACCORDANCE TO D-914.</p> <p>2. TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP SHALL BE INSTALLED IN AN DRAINEAWAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA. THE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER INDEPENDANTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE:</p> <p>A. BLOCK & GRAVEL SEDIMENT FILTER - THIS PROTECTION IS APPLICABLE WHERE HEAVY FLOWS AND/OR WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE. REFER TO D-902 FOR CONSTRUCTION OF A CURB INLET SEDIMENT FILTER, AND D-904 FOR CONSTRUCTION OF A DROP INLET SEDIMENT FILTER.</p> <p>B. GRAVEL SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES & UNPROTECTED AREAS. REFER TO D-903 FOR CONSTRUCTION OF CURB INLET & DROP SEDIMENT TRAP.</p> <p>C. DROP INLET SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA ($S < 5\%$) AND WHERE SHEET OR OVERLAND FLOWS ($Q < 0.5 \text{ cfs}$) ARE TYPICAL. THIS METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS SUCH AS IN STREET OR HIGHWAY MEDIAN. REFER TO D-905 FOR CONSTRUCTION OF HAY BAILE & FABRIC SEDIMENT FILTER.</p> <p>3. OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE FLOW COULD CAUSE EROSION & SEDIMENT PROBLEM TO THE RECEIVING WATER BODY. SILT FENCES & HAY BALES ARE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DISCHARGING STRUCTURE AS SHOWN ON THE OUTLET PROTECTION DETAIL.</p> <p>4. SEDIMENT BASIN: WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS THAT SERVE AN AREA WITH 10 OR MORE DISTURBED ACRES AT ONE TIME. THE PROPOSED STORM WATER PONDS (OR TEMPORARY PONDS) WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASINS. THESE SEDIMENT BASINS MUST PROVIDE A MINIMUM OF 3,600 CUBIC FEET OF STORAGE PER ACRE DRAINED UNTIL FINAL STABILIZATION OF THE SITE.</p> <p>HAZARDOUS PRODUCTS</p> <p>THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.</p> <p>* PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.</p> <p>* ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.</p> <p>* IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.</p> <p>OTHER CONTROLS</p> <p>WASTE DISPOSAL</p> <p>WASTE MATERIALS</p> <p>ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.</p> <p>FERTILIZERS</p> <p>FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED AREA. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.</p> <p>PAINTS</p> <p>ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.</p> <p>CONCRETE TRUCKS</p> <p>CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.</p> <p>SPILL CONTROL PRACTICES</p> <p>IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:</p> <p>MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.</p> <p>MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON SITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT (i.e. KITTY LITTER OR EQUAL.), SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.</p> <p>ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.</p> <p>THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.</p> <p>SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE OF THE SPILL.</p> <p>THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.</p> <p>THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ON SITE.</p> <p>INVENTORY FOR POLLUTION PREVENTION PLAN</p> <p>THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ON SITE DURING CONSTRUCTION:</p> <table border="1"> <tr> <td><input type="checkbox"/> Concrete</td> <td><input type="checkbox"/> Fertilizers</td> <td><input type="checkbox"/> Wood</td> </tr> <tr> <td><input type="checkbox"/> Asphalt</td> <td><input type="checkbox"/> Petroleum Based Products</td> <td><input type="checkbox"/> Masonry Blocks</td> </tr> <tr> <td><input type="checkbox"/> Tar</td> <td><input type="checkbox"/> Cleaning Solvents</td> <td><input type="checkbox"/> Roofing Materials</td> </tr> <tr> <td><input type="checkbox"/> Detergents</td> <td><input type="checkbox"/> Paints</td> <td><input type="checkbox"/> Metal Studs</td> </tr> <tr> <td><input type="checkbox"/> _____</td> <td><input type="checkbox"/> _____</td> <td><input type="checkbox"/> _____</td> </tr> </table> <p>SPILL PREVENTION</p> <p>MATERIAL MANAGEMENT PRACTICES</p> <p>THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.</p> <p>GOOD HOUSEKEEPING</p> <p>THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ON SITE DURING THE CONSTRUCTION PROJECT.</p> <p>* AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.</p> <p>* ALL MATERIALS STORED ON SITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.</p> <p>* PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.</p> <p>* SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.</p> <p>* WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.</p> <p>* MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.</p> <p>* THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ON SITE RECEIVE PROPER USE AND DISPOSAL.</p> <p>Maintenance/Inspection Procedures</p> <p>EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.</p> <p>* NO MORE THAN 10 ACRES OF THE SITE WILL BE DENUDED AT ONE TIME WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.</p> <p>* ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY TO DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND FOLLOWING ANY STORM EVENT OF 0.25 INCHES OR GREATER.</p> <p>* ALL TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.</p> <p>* BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.</p>		<input type="checkbox"/> Concrete	<input type="checkbox"/> Fertilizers	<input type="checkbox"/> Wood	<input type="checkbox"/> Asphalt	<input type="checkbox"/> Petroleum Based Products	<input type="checkbox"/> Masonry Blocks	<input type="checkbox"/> Tar	<input type="checkbox"/> Cleaning Solvents	<input type="checkbox"/> Roofing Materials	<input type="checkbox"/> Detergents	<input type="checkbox"/> Paints	<input type="checkbox"/> Metal Studs	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
<input type="checkbox"/> Concrete	<input type="checkbox"/> Fertilizers	<input type="checkbox"/> Wood																
<input type="checkbox"/> Asphalt	<input type="checkbox"/> Petroleum Based Products	<input type="checkbox"/> Masonry Blocks																
<input type="checkbox"/> Tar	<input type="checkbox"/> Cleaning Solvents	<input type="checkbox"/> Roofing Materials																
<input type="checkbox"/> Detergents	<input type="checkbox"/> Paints	<input type="checkbox"/> Metal Studs																
<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____																
<p>CONTROLS</p> <p>THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN OFF. AN EROSION AND TURBIDITY PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE AND LOCAL LAWS. REFER TO "CONTRACTOR'S RESPONSIBILITY" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.</p> <p>STORM WATER MANAGEMENT STORM WATER DRAINAGE WILL BE PROVIDED BY (DESCRIPTION): _____</p> <p>FOR THE PROJECT, AREAS WHICH ARE NOT TO BE CONSTRUCTED ON, BUT WILL BE REGRADED SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE, WHEN CONSTRUCTION IS COMPLETE, A TOTAL OF _____ ACRES WILL HAVE BEEN REGRADED, _____ ACRES LEFT UNDISTURBED. THE SITE DISCHARGES TO A NET DETENTION SYSTEM. WHERE PRACTICAL, TEMPORARY SEDIMENT BASINS WILL BE USED TO INTERCEPT SEDIMENT BEFORE ENTERING THE PERMANENT DETENTION BASIN. THE NET DETENTION SYSTEM IS DESIGNED WITH A _____ DAY MINIMUM RESIDENCE VOLUME. THIS IS IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT FOR THIS TYPE OF DEVELOPMENT AT THE TIME OF PERMITTING.</p> <p>TIMING OF CONTROLS/MEASURES</p> <p>REFER TO " CONTRACTOR'S RESPONSIBILITY" FOR THE TIMING OF CONTROL/MEASURES.</p> <p>CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS</p> <p>IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS RELATED TO STORM WATER MANAGEMENT AND EROSION AND TURBIDITY CONTROLS, THE FOLLOWING PERMITS HAVE BEEN OBTAINED.</p> <p>D.E.R. DREDGE/FILL PERMIT # _____ C.O.E. DREDGE PERMIT # _____ S.J.R.W.M.D. M.S.S.W. PERMIT # _____</p> <p>POLLUTION PREVENTION PLAN CERTIFICATION</p> <p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p> <p>SIGNED: _____ CITY ENGINEER</p>		<p>GENERAL CONTRACTOR</p> <p>SUB-CONTRACTOR</p> <p>SUB-CONTRACTOR</p> <p>SUB-CONTRACTOR</p> <p>BUSINESS NAME AND ADDRESS OF CONTRACTOR & ALL SUBS</p> <p>SIGNATURE</p>																

TOCOI CONSTRUCTION
CITY OF ST. AUGUSTINE
SWPPP CONTRACTOR REQUIREMENTS
PRELIMINARY FOR
CITY OF ST. AUGUSTINE
INLET DRIVE SHORELINE RESILIENCY DESIGN
DRAFT DATE: 12/9/24 TIME: 2:34 PM DNG Name: \\TE-GCS\01-Projects\23-660 City of St. Augustine Inlet Drive Shoreline Design\03-CADDY\10-23-660 SWPPP CONTRACTOR REQUIREMENTS.dwg

I CERTIFY THAT THIS DRAWING IS IN COMPLIANCE WITH THE STANDARDS ESTABLISHED IN SECTION 62B-33.005(2)(C). FLORIDA ADMINISTRATIVE CODE

INLET DRIVE SHORELINE RESILIENCY DESIGN
CITY OF ST. AUGUSTINE
SWPPP CONTRACTOR REQUIREMENTS
NOT FOR

REVISIONS

PLOT DATE:
DRAWN BY:
DESIGNED BY:
CHECKED BY:
SCALE:
JOB NO:

SHEET NO.
13

All documents and materials supplementing the signed and sealed

PROJECT: **STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM**
TO BE COMPLETED EVERY 7 DAYS AND WITHIN 24 HOURS OF
A RAINFALL EVENT OF 0.25 INCHES OR MORE

INSPECTOR: _____	DATE: _____	AMOUNT OF LAST RAINFALL: _____ INCHES			
STABILIZATION MEASURES					
INSPECTION AREA (DESCRIPTION OF LOCATION)	DATE SINCE LAST DISTURBED	DATE OF NEXT DISTURBANCE	STABILIZED ? (YES/NO)	STABILIZED WITH	CONDITION

STABILIZATION REQUIRED:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____
PAGE 1 OF 4

PROJECT: **STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM**
SEDIMENT BASIN

DEPTH OF SEDIMENT IN BASIN	DEPTH OF SEDIMENT SIDE BASIN	ANY EVIDENCE OF OVERTOPPING OF THE EMBANKMENT ?	CONDITION OF OUTFALL FROM SEDIMENT BASIN

MANTENANCE REQUIRED FOR SEDIMENT BASIN:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____
PAGE 3 OF 4

OTHER CONTROLS
STABILIZED CONSTRUCTION ENTRANCE

DOES MUCH SEDIMENT GET TRACKED ON TO ROAD ?	IS THE GRAVEL CLEAN OR IS IT ILLED WITH SEDIMENT?	DOES ALL TRAFFIC USE THE STABILIZED ENTRANCE TO LEAVE THE SITE ?	IS THE CULVERT BENEATH THE ENTRANCE WORKING? (IF APPLICABLE)

MANTENANCE REQUIRED FOR STABILIZED CONSTRUCTION ENTRANCE:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____
PAGE 4 OF 4

PROJECT: **STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM**
STRUCTURAL CONTROLS

DATE: _____

EARTH DIKES/SWALES			
DIKE OR SWALE	FROM	TO	IS DIKE/SWALE STABILIZED ?

MANTENANCE REQUIRED FOR EARTH DIKE/SWALE:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____
PAGE 2 OF 4

PROJECT: **STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM**

CATCH BASIN/CURB INLET/OUTFALL TURBIDITY CONTROLS			
STRUCTURE/ OUTFALL	ARE TURBIDITY CONTROLS IN PLACE	ANY EVIDENCE OF CLOSING/WASHOUT OR BYPASSING ?	ARE TURBIDITY CONTROLS IN NEED OF REPLACING ?

MANTENANCE REQUIRED FOR CATCH BASIN/CURB INLETS/OUTFALLS TURBIDITY CONTROLS:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____
PAGE 3 OF 4

CHANGES REQUIRED TO THE POLLUTION PREVENTION PLAN:

REASONS FOR CHANGES:

TO BE PERFORMED BY: _____ ON OR BEFORE: _____
PAGE 4 OF 4

NOTE TO CONTRACTOR:
THIS IS THE CONTRACTORS CERTIFICATION REQUIRED BY THE EPA'S NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES). STORM WATER POLLUTION PREVENTION PLAN FOR CONSTRUCTION SITES OVER 5 ACRES. THIS CERTIFICATION MUST BE COMPLETED WEEKLY AND AFTER EVERY RAINFALL EVENT OVER 0.25 INCHES. IT IS SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED AS NEEDED BY THE CONTRACTOR.

I CERTIFY THAT THIS DRAWING IS IN COMPLIANCE WITH THE STANDARDS ESTABLISHED IN SECTION 62B-33.005 (2)(c), FLORIDA ADMINISTRATIVE CODE.

PRELIMINARY FOR CITY OF ST. AUGUSTINE	NOT FOR SWPPP CONTRACTOR CERTIFICATION
REVISIONS	
PLOT DATE: DRAWN BY: DESIGNED BY: CHECKED BY: SCALE: JOB NO.: SHEET NO.	ENGINEER OF RECORD JAMES L. PEARCE Florida REGISTRATION NUMBER: 46390 714 NORTH ORANGE AVENUE, GREEN COVE SPRINGS, FL 32043 PH: 904-215-1388

TOCOI CONSTRUCTION
Engineering, LLC

714 NORTH ORANGE AVENUE, GREEN COVE SPRINGS, FL 32043
E.B. NUMBER: 26383
PH: 904-215-1388

TOCOI CONSTRUCTION

Engineering, LLC

Florida
REGISTRATION NUMBER:
46390

INLET DRIVE SHORELINE RESILIENCY DESIGN
FOR
CITY OF ST. AUGUSTINE

REVISIONS

PLOT DATE:
DRAWN BY:
DESIGNED BY:
CHECKED BY:
SCALE:
JOB NO.:
SHEET NO.

14