

EROSION CONTROL NOTES:

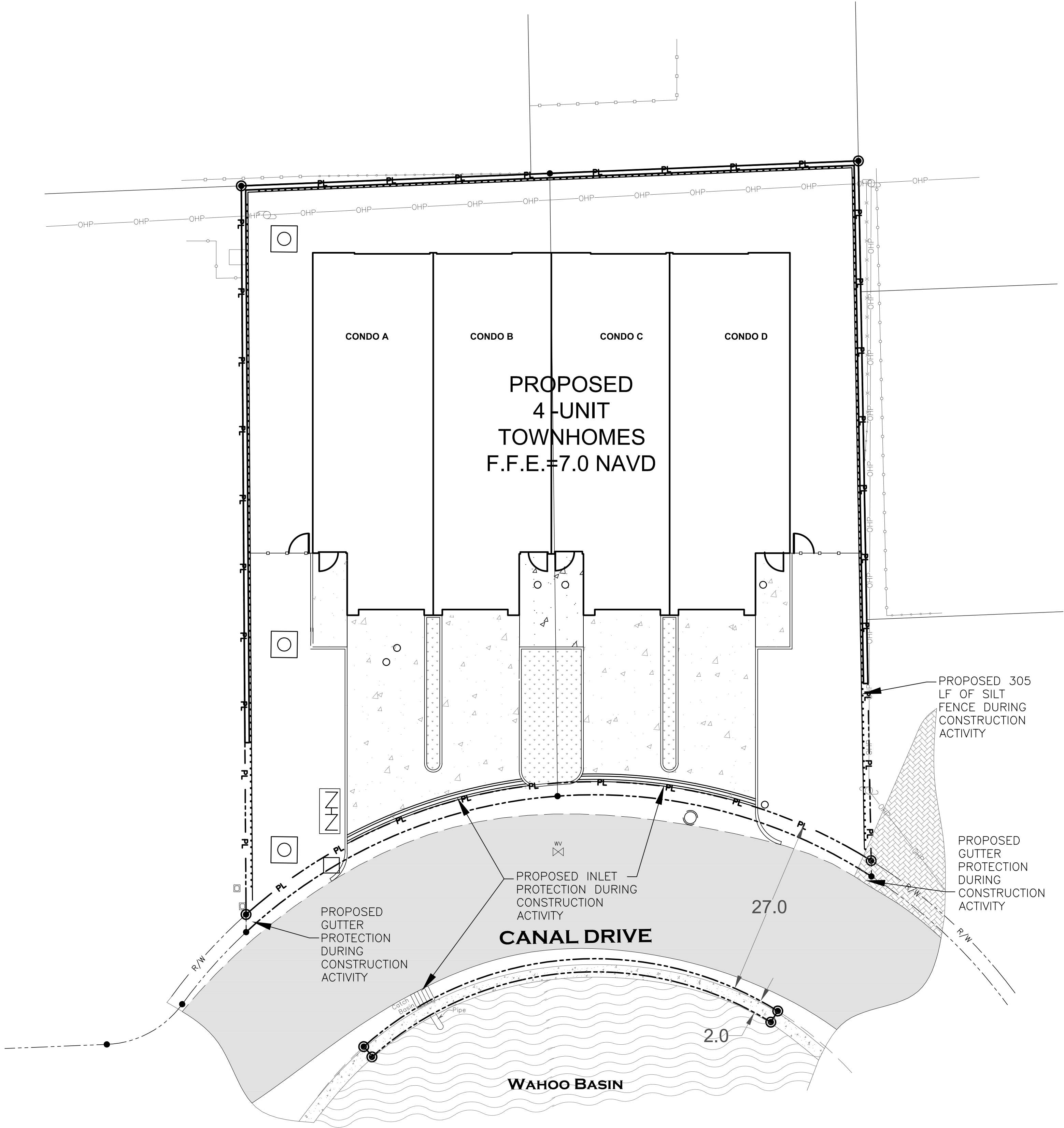
1. THE EROSION CONTROL DEVICES SHOWN ON THE PLANS REPRESENT BEST MANAGEMENT PRACTICES FOR PREVENTING EROSION; HOWEVER, ADDITIONAL MEASURES MAY BECOME NECESSARY OR MAY BE REQUIRED BY OTHER ENGINEERS, INSPECTORS, OR AGENCIES WHICH HAVE JURISDICTION OVER THIS PROJECT.
2. IN AREAS WHERE LAND-DISTURBING ACTIVITIES ARE PROPOSED DIRECTLY ADJACENT TO DESIGNATED PRESERVE AREAS, CANALS, OR OTHER WATER BODIES, A DOUBLE-ROW OF SILT FENCE SHALL BE INSTALLED ALONG THE EDGE OF THE PROPOSED DISTURBED AREA.
3. THE CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL MAINTENANCE WHICH SHALL INCLUDE, BUT MAY NOT BE LIMITED TO: CLEANING, REPAIR, AND / OR RE-INSTALLATION OF EROSION CONTROL MEASURES AS WELL AS THE INSTALLATION OF ADDITIONAL DEVICES IN ORDER TO PREVENT SEDIMENT FROM LEAVING THE SITE.
4. ANY EXPOSED AREA WHICH REMAINS UNDISTURBED FOR MORE THAN 15 DAYS SHALL BE STABILIZED WITH SOD, GEOTEXTILE FABRICS, OR SEED AND STRAW.
5. APPROVAL OF THIS PLAN IS NOT NECESSARILY AUTHORIZATION TO COMMENCE ANY LAND-DISTURBING ACTIVITIES.
6. THE CONTRACTOR SHALL VERIFY THAT ALL REQUIRED PERMITS HAVE BEEN ISSUED FOR THIS PROJECT PRIOR TO BEGINNING CONSTRUCTION.
7. THE CONTRACTOR SHALL INSTALL AND MAINTAIN SILT FENCE AROUND THE PERIMETER OF ALL EARTH DISTURBANCES. THE SILT FENCE SHALL BE INSPECTED AND REPAIRED FOLLOWING EVERY RAINFALL EVENT.
8. THE CONTRACTOR SHALL SEED AND MULCH OR SOD DISTURBED AND/OR BARE SOIL IMMEDIATELY AFTER CONSTRUCTION IS COMPLETED.
9. THE CONTRACTOR SHALL PROVIDE SILTATION REDUCTION DEVICES FOR THE DISCHARGE FROM ANY DEWATERING PROCESS SO THAT DIRECT DISCHARGE DOES NOT OCCUR.
10. THE CONTRACTOR SHALL CHECK ALL EROSION AND SILTATION CONTROL DEVICES AFTER EACH RAINFALL AND REPAIR OR REPLACE THEM AS REQUIRED. SILT FENCES SHALL REMAIN IN PLACE UNTIL PERMANENT STABILIZATION OF DISTURBED AREAS IS COMPLETED.
11. THE CONTRACTOR SHALL PROVIDE TURBIDITY BARRIERS IN ALL DITCHES AND ALL PERMANENT BODIES OF WATER REGARDLESS OF WATER DEPTH.
12. THE REQUIREMENTS LISTED ABOVE SHALL BE CONSIDERED MINIMUM REQUIREMENTS AND THE CONTRACTOR SHALL USE WHATEVER METHODS HE DEEMS NECESSARY TO PREVENT EROSION AND SILTATION AS MAY BE REQUIRED FOR THE PROJECT, AND APPROVED BY THE AUTHORITIES HAVING JURISDICTION.
13. THE CONTRACTOR SHALL CONTROL ALL DUST ORIGINATING ON THIS PROJECT BY WATERING OR OTHER METHODS AS APPROVED BY THE OWNER.
14. ALL PRACTICABLE AND NECESSARY EFFORT, INCLUDING BUT NOT LIMITED TO THE USE OF STAKED HAY BALES OR STAKED SILT SCREEN BARRIERS, SHALL BE TAKEN DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT MATERIALS TO SURFACE WATER CONVEYANCE DITCHES, INLETS, SURFACE DRAINS, WETLANDS AND LAKE AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RESTORATION EFFORTS THAT MAY BE REQUIRED TO MITIGATE EROSION OR SEDIMENTATION EFFECTS OCCURRING DURING HIS WORK.
15. TEMPORARY SILTATION CONTROL BARRIERS (E.G. SILT FENCE) SHALL BE INSTALLED WHERE EARTH DISTURBANCES ARE WITHIN 100 FEET OF SURFACE WATER CONVEYANCE SYSTEMS (DITCHES) AND WETLANDS.
16. IT IS RECOMMENDED THAT THE CONTRACTOR MARK OUT THE LANDWARD SIDE OF WETLAND/BUFFERS TO PREVENT UNINTENTIONAL WETLAND BUFFER IMPACTS DURING CONSTRUCTION.
16. IT IS RECOMMENDED THAT STRAW BALES OR SILT FENCES BE USE IN AREAS OF DRY SURFACES IN ORDER TO PROTECT DISCHARGE.
17. PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES AND DEVICES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. THE DEVELOPER, OWNER AND /OR CONTRACTOR SHALL BE CONTINUALLY RESPONSIBLE FOR ALL SEDIMENT LEAVING THE PROPERTY. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKDAY.
18. EROSION CONTROL DEVICES SHALL FOLLOW STANDARDS AND DETAILS IN INDEX 102,103,104 OF THE (FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS). CONTROL DEVICES AND TECHNIQUES, AS PROVIDED IN THE FLORIDA STORMWATER EROSION, AND SEDIMENTATION CONTROL MANUAL SHALL BE IMPLEMENTED TO COMPLY WITH CURRENT STATE REGULATIONS.

CONSTRUCTION SEQUENCE NOTES:

1. DISTURB ONLY THE AREAS NECESSARY FOR THE PROPER INSTALLATION OF THE EROSION CONTROL MEASURES.
2. INSTALL ALL REQUIRED EROSION CONTROL MEASURES.
3. INSTALL BARRICADES, FENCES, OR OTHER ADEQUATE SHIELDS AROUND AREAS WHICH ARE PROPOSED TO REMAIN UNDISTURBED.
4. CLEAR, DEMOLISH, REMOVE, AND PROPERLY DISPOSE OF ITEMS AS INDICATED IN THE PLANS.
5. INSTALL AND CONSTRUCT IMPROVEMENTS AS INDICATED IN THE PLANS WHILE MAINTAINING EROSION CONTROL MEASURES.
6. PERMANENTLY STABILIZE DISTURBED AREAS AS INDICATED IN THE PLANS UPON COMPLETION OF CONSTRUCTION ACTIVITY.
7. REMOVE EROSION CONTROL MEASURES IN AREAS WHICH HAVE BEEN PERMANENTLY STABILIZED AS SHOWN IN THE PLANS.

NPDES INSPECTION

1. A CERTIFIED NPDES STORMWATER INSPECTOR MUST PERFORM INSPECTIONS DURING CONSTRUCTION TO VERIFY ROCK ENTRANCE AND SILT FENCE.



"AS-BUILT" REQUIREMENTS:

- THE ENGINEER OF RECORD (EOR) WILL REQUIRE THE FOLLOWING INFORMATION FROM THE CONTRACTOR FOR THE CIVIL COMPONENTS DURING THE CONSTRUCTION OF THE PROJECT FOR FINAL APPROVAL OF THE SYSTEMS:
1. DRAINAGE SYSTEM INSTALLATION SURVEYS – SURVEY SHALL BE CONDUCTED A MINIMUM OF 72 HRS PRIOR TO INSTALLATION OF COVER IN ORDER TO ADDRESS ANY POTENTIAL ADJUSTMENTS.
    - A. CONTRACTOR SHALL FURNISH EOR WITH SURVEY FOR REVIEW AND COMMENT.
      - I. IF COMMENTS ARE PROVIDED, CONTRACTOR SHALL PROVIDE RESPONSE OR MAKE ADJUSTMENTS AS REQUIRED PRIOR TO INSTALLATION OF COVER.
      - II. IF NO COMMENTS ARE PROVIDED, CONTRACTOR SHALL MOVE FORWARD AS PER THE CONSTRUCTION DOCUMENTS
  2. ASPHALT BASE COURSE INSTALLATION ELEVATIONS SURVEYS – SURVEY SHALL BE CONDUCTED A MINIMUM OF 72 HRS PRIOR TO INSTALLATION OF ASPHALT FINISH IN ORDER TO ADDRESS ANY POTENTIAL ADJUSTMENTS.
    - A. CONTRACTOR SHALL FURNISH EOR WITH SURVEY FOR REVIEW AND COMMENT.
      - I. IF COMMENTS ARE PROVIDED, CONTRACTOR SHALL PROVIDE RESPONSE OR MAKE ADJUSTMENTS AS REQUIRED PRIOR TO INSTALLATION OF COVER.
      - II. IF NO COMMENTS ARE PROVIDED, CONTRACTOR SHALL MOVE FORWARD AS PER THE CONSTRUCTION DOCUMENTS
  3. ASPHALT FINISH ELEVATION SURVEYS – SURVEY SHALL BE CONDUCTED A MINIMUM OF 72 HRS PRIOR TO INSTALLATION OF ASPHALT STRIPPING IN ORDER TO ADDRESS ANY POTENTIAL ADJUSTMENTS.
    - A. CONTRACTOR SHALL FURNISH EOR WITH SURVEY FOR REVIEW AND COMMENT.
      - I. IF COMMENTS ARE PROVIDED, CONTRACTOR SHALL PROVIDE RESPONSE OR MAKE ADJUSTMENTS AS REQUIRED PRIOR TO INSTALLATION OF COVER.
      - II. IF NO COMMENTS ARE PROVIDED, CONTRACTOR SHALL MOVE FORWARD AS PER THE CONSTRUCTION DOCUMENTS
  4. STRIPING INSTALLATION SURVEY
    - A. CONTRACTOR SHALL FURNISH EOR WITH SURVEY FOR REVIEW AND COMMENT.
      - I. IF COMMENTS ARE PROVIDED, CONTRACTOR SHALL PROVIDE RESPONSE OR MAKE ADJUSTMENTS AS REQUIRED PRIOR TO INSTALLATION OF COVER.
      - II. IF NO COMMENTS ARE PROVIDED, CONTRACTOR SHALL MOVE FORWARD AS PER THE CONSTRUCTION DOCUMENTS
  5. NOTIFICATION/SCHEDULE AND CONTACT INFORMATION OF AGENCY INSPECTORS THAT INSPECT SITE CIVIL COMPONENTS, WITHIN 24 HOURS PRIOR TO THEIR VISIT ; IN ADDITION, A COPY OF THEIR INSPECTION COMMENTS/APPROVAL.
  6. SWALE FINAL ELEVATIONS (WITHIN THE PROJECT SITE)
  7. FINAL AS-BUILT TOPOGRAPHIC SURVEY
- UNLESS OTHERWISE DIRECTED BY THE OWNER, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION TO THE CONSULTANT FOR QUALITY CONTROL VERIFICATION:
8. IN-PLACE FIELD DENSITY (PER ASTM D-2922 FOR EVERY 2,500 SF PER EACH LIFT OF MATERIAL PLACED AND COMPACTED), MODIFIED PROCTOR TESTS (PER ASTM D-1557) AND MONITORING TEST RESULTS, FOR
    - UTILITY BEDDING AND COVER
    - SITE FILL
    - PARKING AND ACCESS ROAD LOT FILL
    - PARKING LOT AND ACCESS ROAD BASE
  9. PARKING LOT ASPHALT TEST (DENSITY TESTS, THICKNESS CORE SAMPLES DATA FOR ASPHALT) – TEST SHALL BE CONDUCTED A MINIMUM OF 72 HRS PRIOR TO INSTALLATION OF ASPHALT STRIPPING IN ORDER TO ADDRESS ANY POTENTIAL ADJUSTMENTS.
  10. EROSION AND SEDIMENTATION CONTROL SWPPP INSPECTION CONTROL FORM FOR WEEKLY INSPECTIONS OR AFTER A 1/2" OR GREATER STORM EVENT. THE CONTRACTOR OR INSPECTOR MUST PROVIDE THESE TO THE CONSULTANT ON A WEEKLY BASIS THROUGHOUT CONSTRUCTION



A CIVIL ENGINEERING FIRM  
EXPEDITING DEVELOPMENT

801 Brickell Avenue  
Suite 800  
Miami, Florida 33131

PH: 786.284.8828  
FAX: 866.312.8730

FLORIDA CERTIFICATE OF AUTHORIZATION # 27431

PROJECT NUMBER: 23106

DRAWN BY: AH DESIGN BY: AH CHECK BY: LAB

ORIGINAL DRAWING DATE: 01/04/2023

REVISIONS:

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PROJECT NAME:

TOWNHOMES  
CANAL  
DRIVE  
POMPANO

LOCATION:

3233 - 3237 CANAL DRIVE  
POMPANO BEACH, FL 33062

FOR:

Mr. SERGE MICHAUD

3018 NE 20TH COURT  
FT. LAUDERDALE, FL 33305

PLAN STATUS:

SUBMITTAL SET:  
FOR AGENCY REVIEW  
AND APPROVAL

THIS ITEM HAS BEEN DIGITALLY SIGNED AND  
SEALED BY: LUIS A. BETALLELUZ, P.E.  
ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE  
NOT CONSIDERED SIGNED AND SEALED AND  
THE SIGNATURE MUST BE VERIFIED ON  
ELECTRONIC COPIES

DATE:

MAY 17, 2024

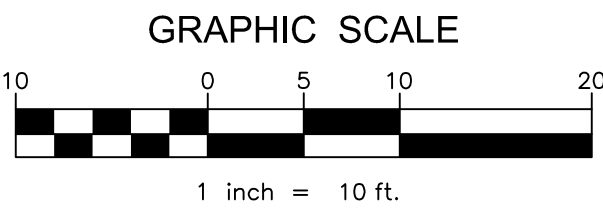
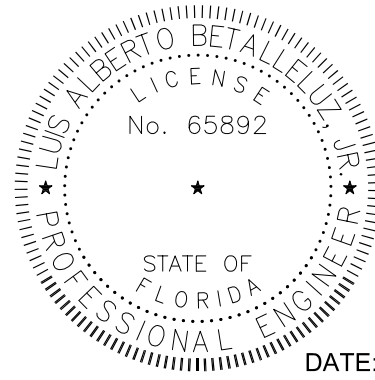
LUIS A. BETALLELUZ, JR., P.E. FL P.E.# 65892  
(NOT VALID WITHOUT SIGNATURE AND PROPER SEAL)

SHEET NAME:

EROSION AND SEDIMENTATION  
CONTROL PLAN

SHEET NUMBER:

C 4.0



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