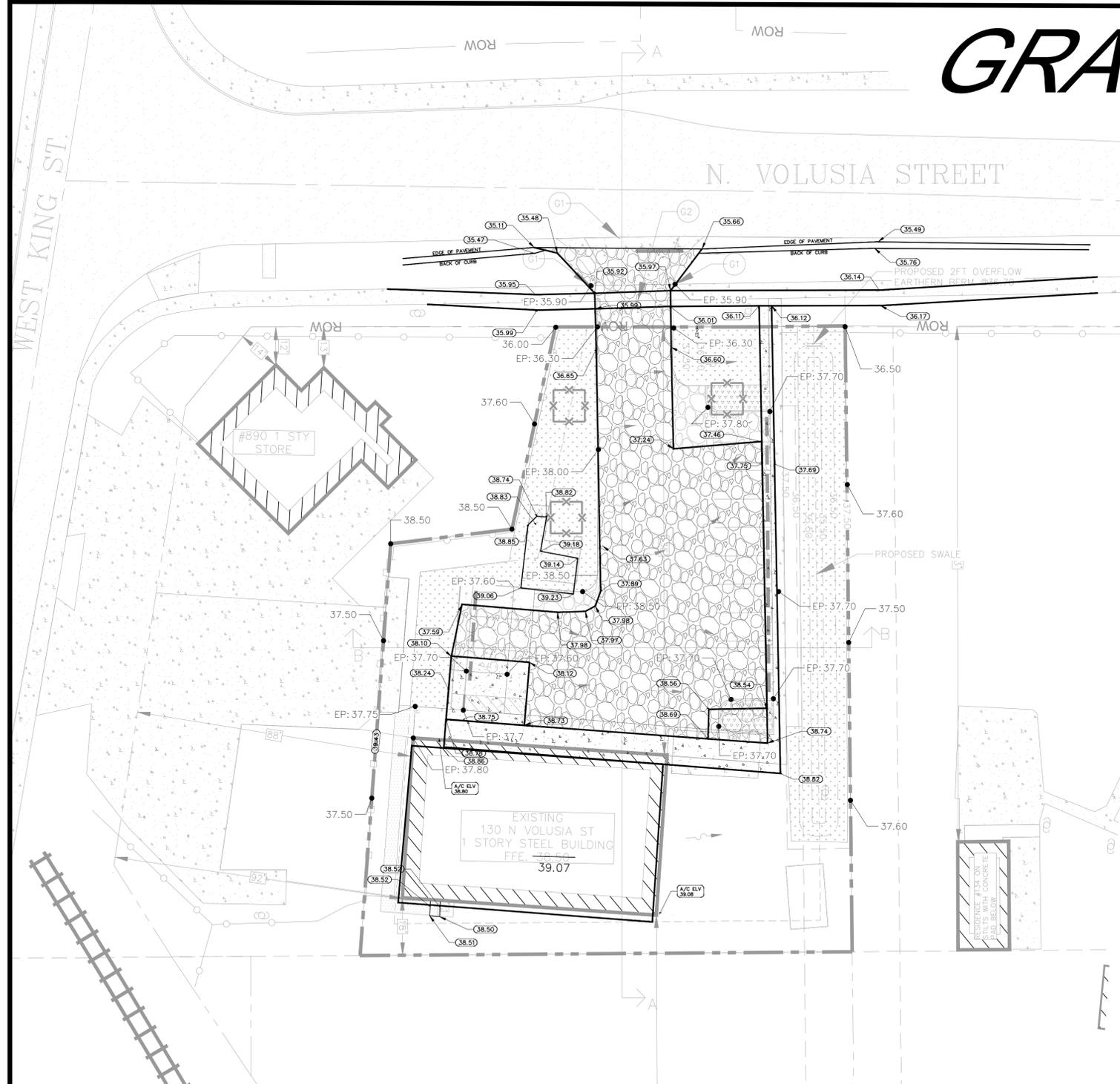
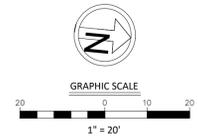


# GRADING AS-BUILT

ST. JOHNS COUNTY, FLORIDA



**AS-BUILT - PROFESSIONAL SURVEYOR AND MAPPER CERTIFICATION**  
 INFORMATION PROVIDED BY:  
 Date: 05/15/2024  
 Name: IME Civil and Surveying, LLC  
 Address: 1870 County Road 214, St. Augustine, FL 32084  
 Phone No: 904-429-7764

I HEREBY CERTIFY THAT THE  
 Pavement  
 Chilled Water  
 Curb & Gutter  
 Water Main  
 Storm & Drainage System  
 Reclaimed Water Main  
 Lake or Pond  
 Force Main  
 Underdrain Connections  
 Sanitary Gravity System  
 Fire Water Main  
 Lift Station

ARE AT THE HORIZONTAL AND VERTICAL LOCATIONS AS SHOWN ON THESE AS-BUILT DRAWINGS AND THE ACCOMPANYING ELECTRONIC FILE HAVE BEEN LOCATED AND MAPPED UNDER MY DIRECTION AND OBSERVATION IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS FOR SURVEYING AND MAPPING IN THE STATE OF FLORIDA AS PER CHAPTER 51-17.051 AND 51-17.052, F.A.C. AND THE CITY OF ST. AUGUSTINE STANDARDS FOR AS-BUILT DRAWINGS. I FURTHER CERTIFY THAT THE CONTRACTOR'S WORD OR SKETCH (OR OTHER ENTITY) WAS NOT USED TO REPLACE ON-SITE SURVEY METHODS TO RECORD THE AS-BUILT DATA REPRESENTED HEREON AND IN THE ELECTRONIC FILE.

ELECTRONIC DRAWING FILE NAME: 071218.6 - 130 N Volusia - ASBUILTS.dwg  
 FILE DATE: 10/15/2024  
 DATE OF FIELD SURVEY: 09/15/2024  
 SIGNATURE: Brandon D. Shugart  
 PSM No.: FLPSM7029  
 DATE: 10/2024

THIS REPORT AND ELECTRONIC FILE ARE NOT FULL AND COMPLETE WITHOUT THE OTHER AND ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF THE FLORIDA LICENSED SURVEYOR AND MAPPER.

REVISION NOTE: PIPE SIZES UPDATED PER CONTRACTOR COMMENTS 04/30/2024

**AS-BUILT - CONTRACTOR CERTIFICATION**  
 INFORMATION PROVIDED BY:  
 Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone No: \_\_\_\_\_

I HEREBY CERTIFY THAT THE  
 Pavement  
 Chilled Water  
 Curb & Gutter  
 Water Main  
 Storm & Drainage System  
 Reclaimed Water Main  
 Lake or Pond  
 Force Main  
 Underdrain Connections  
 Sanitary Gravity System  
 Fire Water Main  
 Lift Station

ARE IN ACCORDANCE WITH THE APPROVED PLANS AND CITY STANDARDS, UNLESS OTHERWISE APPROVED BY THE CITY.

CONTRACTOR'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CONTRACTOR'S NAME: \_\_\_\_\_  
 STATE UTILITIES LICENSE NO.: \_\_\_\_\_

**SPECIMEN TREE NOTES:**

a. WHERE GRADE CUTS ARE NECESSARY UNDER SPECIMEN TREES, PROPER ROOT PRUNING SHALL BE REQUIRED. WITHIN THE TREE'S PROTECTED AREA, ALL EXCAVATION SHALL BE BY HAND, AND ROOTS TWO (2) INCHES AND LARGER SHALL BE EVENLY CUT.  
 b. WHEN UNDERGROUND UTILITIES ARE NECESSARY UNDER SPECIMEN TREES, TUNNELING SHALL BE REQUIRED. THE UNDERGROUND UTILITY TUNNEL SHALL BEGIN AT THE TREE'S PROTECTED AREA AND BE A MINIMUM OF FOUR (4) FEET DEEP. NO OPEN VERTICAL TRENCHES SHALL BE ALLOWED WITHIN A SPECIMEN TREE'S PROTECTED AREA, LDC 4.01.05.D4&5.  
 c. COUNTY STAFF AND CERTIFIED ARBORIST SHALL BE CONTACTED TO MONITOR ANY ACTIVITIES WITHIN THE DRIP LINE OF THE SPECIMEN TREE PRIOR TO CONDUCTING THOSE ACTIVITIES.

**LEGEND**  
 57SDW = SIZE 57 STONE DRIVEWAY  
 CDW = CONCRETE DRIVEWAY

**GRADING NOTES**

- G1 MATCH EXISTING ASPHALT
- G2 CONNECT TO ACCESS ROAD TO BE DESIGNED AND PERMITTED WITH SEPARATE PLAN SET

**SIDEWALK & ADA ACCESS NOTES**

- REQUIREMENTS ALONG ADA ACCESSIBLE ROUTES
1. CROSS SLOPES SHALL NOT EXCEED 2%
  2. RUNNING SLOPES SHALL NOT EXCEED 3%
  3. SLOPES BETWEEN 5% & 8.33% SHALL MEET THE RAMP REQUIREMENTS OF ADA.
  4. ACCESSIBLE PARKING AND ACCESS AISLES SHALL NOT EXCEED 2% IN ANY DIRECTION.
  5. INTERSECTING SIDEWALKS SHALL NOT EXCEED 2% IN ANY DIRECTION.
  6. ANY SLOPE GREATER THAN 8.33% SHALL NOT BE PART OF AN ACCESSIBLE ROUTE.

**DRY RETENTION AREA**

ELEVATION	AREA (SF)
37.50	■
36.50	■
35.50	■

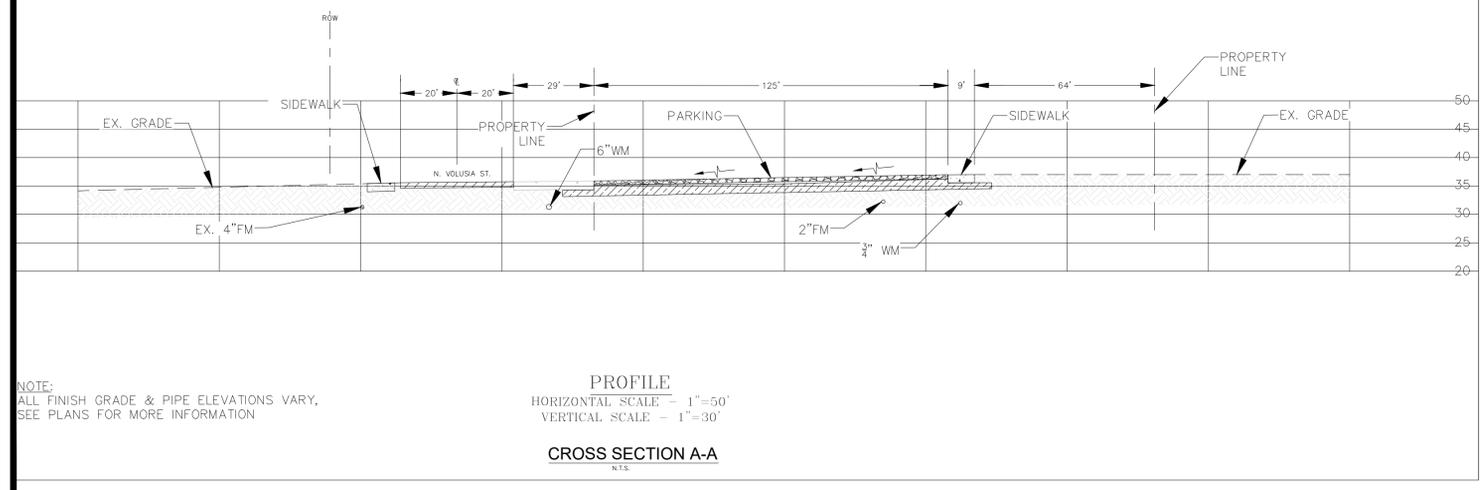
TOTAL PROJECT PROPOSED IMPERVIOUS AREA IS LESS THAN THRESHOLD. STORMWATER RETENTION AND TREATMENT IS EXEMPTED FROM SURFWD PER RULE SECTION 62-330.20(2).  
 THIS PROJECT IS EXEMPT FROM SURFWD PERMITTING.  
 STORMWATER SIMULATION FOR 5YR24HR AND 25YR24HR STORM EVENT HAS BEEN PERFORMED VIA ICRP TO ENSURE THE POST DEVELOPMENT DISCHARGE IS LESS THAN PRE DEVELOPMENT DISCHARGE.  
 ADDITIONAL STORMWATER RETENTION SWALE IS DESIGNED TO PROVIDE ADDITIONAL STORMWATER RETENTION NEEDED.  
 STORMWATER RUNOFF COLLECTED FROM PARKING AREA WILL BE DISCHARGE DOWNSTEAM MATCHING EXISTING CONDITION VIA EARTHEN BERM AT GRADE 36.70

**PRE-POST STORM DISCHARGE SUMMARY**

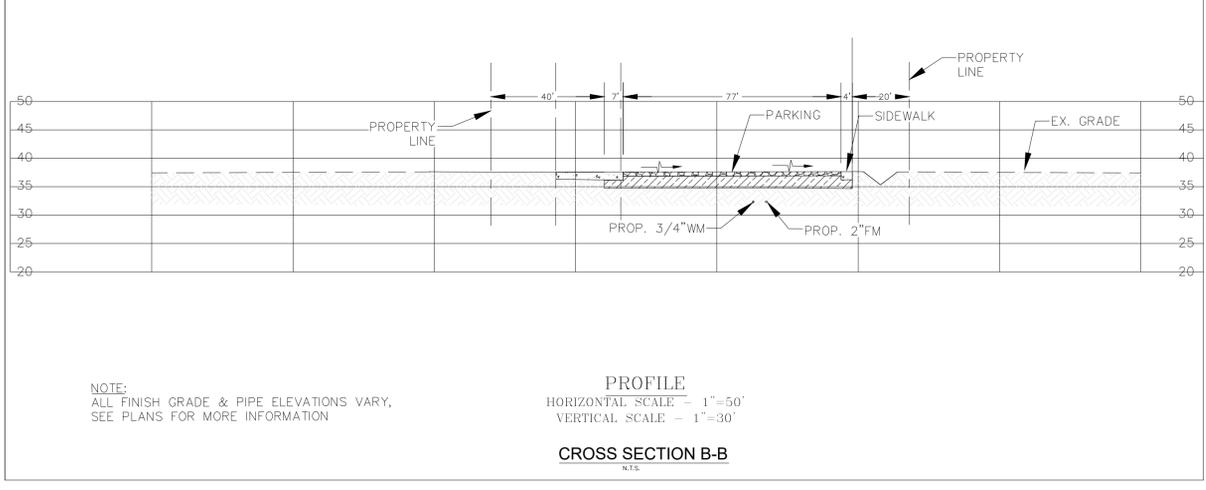
PRE (CFS)	PRE (CFS)	POST (CFS)
ANNUAL STORM	1.24	■
5YR 24 HR STORM	1.90	■
25YR 24HR STORM	3.32	■

**PRE-POST DRAINAGE BASIN**

	PRE BASIN	POST BASIN
TOTAL AREA (SF)	26,542	■
IMPERVIOUS AREA (SF)	5,761	■
GRAVEL AREA (SF)	0	■
CN	72.6	■
Tc (MIN)	4.02	■



NOTE: ALL FINISH GRADE & PIPE ELEVATIONS VARY. SEE PLANS FOR MORE INFORMATION



NOTE: ALL FINISH GRADE & PIPE ELEVATIONS VARY. SEE PLANS FOR MORE INFORMATION

2510 US 1 SOUTH SUITE D  
 ST. AUGUSTINE, FL 32086  
 PHONE (904) 794-1760  
 FAX (904) 794-1769  
 quoc@maengineer.com



LI ENSENGER  
 UJO H. MAI  
 FL #64006 CA#28162

**REVISIONS**

DATE	REVISION
2023-01-21	REVISION PER SDC PRE-APP COMMENTS
2023-02-27	REVISION PER SDC IAC COMMENTS
2023-03-16	REVISION PER SDC IAC COMMENTS
2023-03-30	REVISION PER SDC IAC COMMENTS
2023-04-06	REVISION PER SDC IAC COMMENTS

**GRADING PLAN**  
**808 BOUNCE**  
 ST. AUGUSTINE, FLORIDA  
 PREPARED FOR  
**808 BOUNCE LLC**

DSGN BY: QHM  
 DWG BY: GMG  
 CHK BY: QHM  
 DATE: 5/2/2023  
 J B No.: 1976  
 SHEET No.: 7