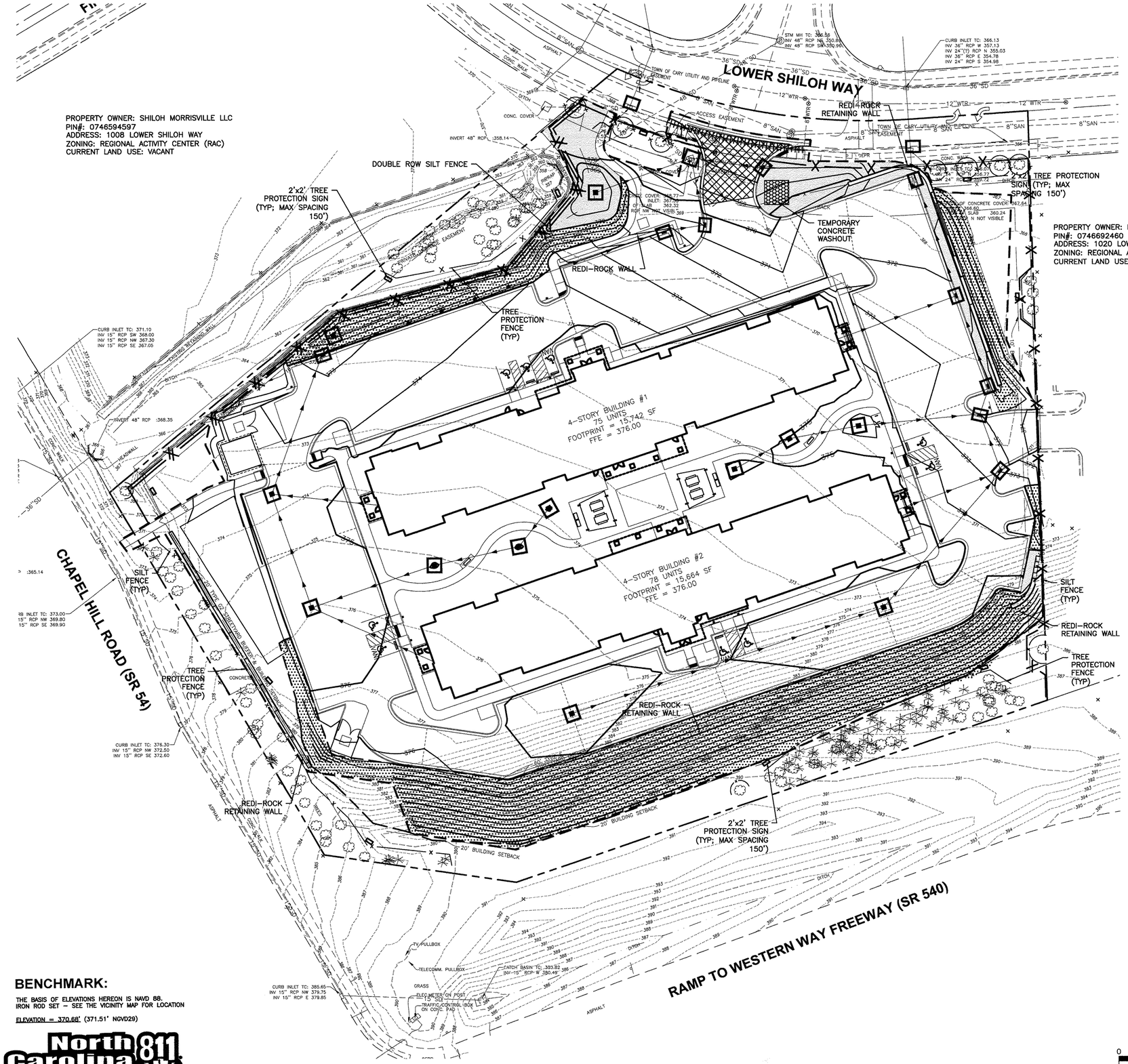

EROSION CONTROL LEGEND

- SILT FENCE
- DOUBLE ROW SILT FENCE
- TREE PROTECTION FENCE
- TEMPORARY STABILIZED CONSTRUCTION ENTRANCE
- INLET PROTECTION
- DISTURBED AREA
- 3:1 TO 2:1 SEEDING (SEE EROSION CONTROL NOTE #1 BELOW)
- ≤ 3:1 SEEDING (SEE EROSION CONTROL NOTE #1 BELOW)
- TEMPORARY CONCRETE WASHOUT

N

SITE DATA

DEVELOPER	WATERWALK RE SERVICES, LLC.
SITE ADDRESSES	1012 LOWER SHILOH WAY
TOTAL PARCEL ACREAGE	4.76 ACRES
TOTAL DISTURBED AREA	3.94 ACRES
EXISTING IMPERVIOUS AREA	0.16 ACRES
PROPOSED IMPERVIOUS AREA (INCLUDES EXISTING)	2.68
PROPOSED IMPERVIOUS AREA PERCENTAGE	56.3%
COUNTY WATERSHED	CRABTREE CREEK
TOTAL DWELLING UNITS	153 EA

SEQUENCE OF CONSTRUCTION
FINAL PHASE

1. FOR PHASED EROSION CONTROL PLANS, CONTRACTOR SHALL MEET WITH EROSION CONTROL INSPECTOR (SHAWN SPRINGER 919-369-6135) PRIOR TO COMMENCING WITH EACH PHASE OF EROSION CONTROL MEASURES.
2. STABILIZE SITE AS AREAS ARE BROUGHT TO FINISHED GRADE.
3. PROVIDE FINAL SEED/SOD IN ACCORDANCE WITH SCHEDULE.
4. CONTACT ENVIRONMENTAL CONSULTANT UPON CONSTRUCTION COMPLETION AND ESTABLISHMENT OF VEGETATION FOR FINAL STABILIZATION FIELD REVIEW.
5. UPON OBTAINING APPROVAL FROM INSPECTOR (SHAWN SPRINGER 919-369-6135), EROSION CONTROL MEASURES MAY BE REMOVED.
6. ONCE VEGETATION HAS BECOME ESTABLISHED, CONTACT ENVIRONMENTAL CONSULTANT (SHAWN SPRINGER 919-369-6135) FOR FINAL SITE INSPECTION. OBTAIN A CERTIFICATE OF COMPLETION.

EROSION CONTROL NOTES

1. SLOPE STABILIZATION ON SLOPES GREATER THAN 4:1, BUT LESS THAN OR EQUAL TO 3:1, SHALL UTILIZE NORTH AMERICAN GREEN EROSION CONTROL BLANKETS S75BN, S150BN OR APPROVED EQUAL. SLOPES GREATER THAN 3:1 SHALL ONLY UTILIZE S150BN OR APPROVED EQUAL.

WAKE COUNTY BASIN REMOVAL SEQUENCE

1. SCHEDULE A SITE MEETING WITH THE ENVIRONMENTAL CONSULTANT (SHAWN SPRINGER 919-369-6135) TO DETERMINE IF A BASIN CAN BE REMOVED. INSTALL SILT FENCING OR OTHER TEMPORARY EROSION CONTROL MEASURES AS NEEDED PRIOR TO REMOVAL OF THE BASIN.
2. REMOVE BASINS AND ASSOCIATED TEMPORARY DIVERSION DITCHES. IF CULVERT PIPES NEED TO BE EXTENDED, PERFORM THIS OPERATION AT THIS TIME. FINE GRADE AREA IN PREPARATION FOR SEEDING.
3. PERFORM SEEDBED PREPARATION, SEED, MULCH AND ASPHALT TACK ANY RESULTING BARE AREAS IMMEDIATELY.
4. INSTALL VELOCITY DISSIPATORS AND/OR LEVEL SPREADERS AS REQUIRED ON THE EROSION CONTROL PLAN.
5. WHEN SITE IS FULLY STABILIZED, CALL ENVIRONMENTAL CONSULTANT (SHAWN SPRINGER 919-369-6135) FOR APPROVAL OF REMOVING REMAINING TEMPORARY EROSION CONTROL MEASURES AND ADVICE ON WHEN SITE CAN BE ISSUED A CERTIFICATE OF COMPLETION. NOTE: A MEETING SHOULD ALSO BE SCHEDULED WITH THE ENVIRONMENTAL CONSULTANT TO DETERMINE WHEN A BASIN MAY BE CONVERTED FOR STORMWATER USE. SOME MUNICIPALITIES MAY ALSO REQUIRE THIS.

BENCHMARK:

THE BASIS OF ELEVATIONS HEREON IS NAVD 88. IRON ROD SET – SEE THE VICINITY MAP FOR LOCATION

ELEVATION = 370.68' (371.51' NGVD29)

North Carolina 811 www.nc811.org

MORRISVILLE PROJECT # : 17-11000001 FILE # : 17-0001-S/C

Town of Morrisville
APPROVED FOR CONSTRUCTION

Signature: _____ Date: 5/31/18
Town of Morrisville, Town Engineer

Date/Initials
Engineering: 5/31/18 PLF
Planning: 5/31/18 5/16/18
Other (specify): 5/31/18 JSB (SWS)

Signature: _____ Date: 5/23/18
Town of Cary Utilities, Water and Sewer

Engineering Inspection Services must be contacted (919) 463-6907 at a minimum 24 hours prior to the commencement of any construction activities.

NORTH CAROLINA PROFESSIONAL SEAL 032464 ENGINEER GREGORY D. HANNISH

No.	DATE	REVISION
		01/18/18 REVISED FOR FINAL APPROVAL

PROJECT No: 075356
DATE 01/24/17
DES. JG
DR. JL
CKD. TR

11301 Carmel Commons Blvd.
Suite 300
Charlotte, NC 28226
704.525.6284
FAX: 704.525.8529

WOOLPERT
ARCHITECTURE | ENGINEERING | GEOSPATIAL

SITE IMPROVEMENT PLANS WATERWALK MORRISVILLE

1012 & 1016 LOWER SHILOH WAY
MORRISVILLE, NORTH CAROLINA

SOIL EROSION PLAN - FINAL

SHEET NO.
C502

Layout Tab Name: C502 SOIL EROSION PLAN – FINAL, Images: MAP.png; Morrisville aerial.jpg; Morrisville aerial (2).jpg; Morrisville aerial new.jpg; Last Saved By:ladzinski, 1/5/2018 11:47:27 AM
G:\DE\Clients\WaterWalk\075356 Morrisville, NC\4.0 Disciplines\Civil\Cadd\Cd\075356-C502-ERO – P3.dwg Plotted By:ladzinski, Jake Plotted:January 17, 2018, 2:50:48 PM