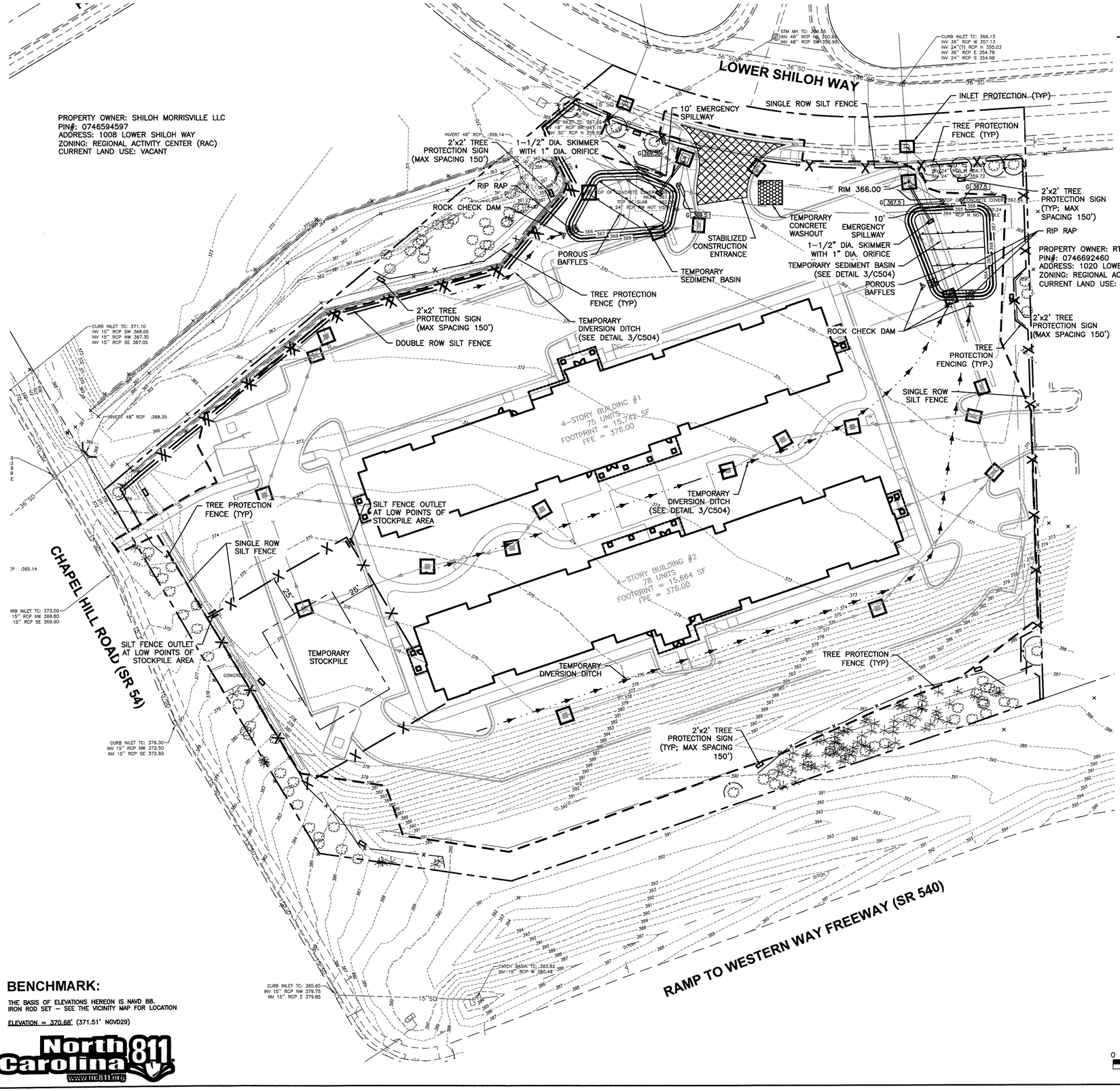


## EROSION CONTROL LEGEND

- SILT FENCE
- DOUBLE ROW SILT FENCE
- TREE PROTECTION FENCE
- SILT FENCE OUTLET
- TEMPORARY DIVERSION DITCH
- DISTURBED AREA
- ROCK CHECK DAM
- RIP RAP
- TEMPORARY STABILIZED CONSTRUCTION ENTRANCE
- BLOCK AND GRAVEL INLET CONTROL
- TEMPORARY CONCRETE WASHOUT

N

## SEQUENCE OF CONSTRUCTION
## INTERMEDIATE 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. CONDUCT DEMOLITION AND BEGIN CLEARING AND GRUBBING.
3. INSTALL STORM DRAINAGE PIPES, STRUCTURES, AND INLET PROTECTION AS SHOWN PER PLAN. DIVERSION DITCHES SHALL BE ADJUSTED TO MEET SITE CONSTRUCTION NEEDS.
4. INSTALL INITIAL STONE, CONCRETE CURB AND PAVEMENT CURB FOR PARKING LOT. INLETS LOCATED IN PAVEMENT AREAS SHALL HAVE THE SILT FENCE INLET PROTECTION REMOVED AND REPLACED WITH BLOCK AND GRAVEL INLET PROTECTION AFTER CURB INSTALLATION.
5. NOTES:
   a. STABILIZE SITE AS AREAS ARE BROUGHT TO FINISHED GRADE.
   b. TEMPORARY DIVERSION DITCHES AND WATER BARS SHALL BE REPAIRED / RESHAPED AT THE END OF EACH WORK DAY TO MATCH THE STATUS OF CONSTRUCTION.
   c. PROVIDE GROUND COVER ON ALL AREAS THAT WILL NOT BE DISTURBED BY CONSTRUCTION WITHIN SEVEN (7) CALENDAR DAYS. SEE STABILIZATION SCHEDULE AND REQUIREMENTS.
   d. CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN AND CORRECT ALL EROSION CONTROL DEVICES AND STRUCTURES TO INCLUDE NECESSARY REPARATION TO EXISTING CONDITIONS OUTSIDE THE LIMITS OF CONSTRUCTION AS A RESULT OF SITE CONSTRUCTION UNTIL SUCH TIME THAT FINAL STABILIZATION IS DEEMED ACCEPTABLE BY WAKE COUNTY (SHAWN SPRINGER 919-369-6135) AND THE ENGINEER OR RECORD.
   e. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE N.C. EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL AND WAKE COUNTY SEDIMENTATION AND EROSION CONTROL PLAN REVIEW MANUAL.

## WAKE COUNTY STOCKPILE REQUIREMENTS

1. A 25-FOOT TEMPORARY MAINTENANCE AND ACCESS EASEMENT SHALL BE SHOWN AROUND ALL PROPOSED STOCKPILES (EROSION CONTROL MEASURES SURROUNDING THE STOCKPILE SHALL BE SHOWN AT THE OUTER LIMIT OF THIS EASEMENT).
2. STOCKPILE FOOTPRINTS SHALL BE SET BACK A MINIMUM OF 25' FROM ADJACENT PROPERTY LINES.
3. STOCKPILE HEIGHT SHALL NOT EXCEED 35 FEET.
4. STOCKPILE SLOPES SHALL BE 2:1 OR FLATTER.
5. STOCKPILING MATERIALS ADJACENT TO A DITCH, DRAINAGEWAY, WATERCOURSE, WETLAND, STREAM BUFFER, OR OTHER BODY OF WATER SHALL BE AVOIDED UNLESS AN ALTERNATIVE LOCATION IS DEMONSTRATED TO BE UNAVAILABLE.
6. ANY CONCENTRATED FLOW LIKELY TO AFFECT THE STOCKPILE SHALL BE DIVERTED TO AN APPROVED BMP.
7. OFF-SITE SPOIL OR BORROW AREAS MUST BE IN COMPLIANCE WITH WAKE COUNTY UDO AND STATE REGULATIONS. ALL SPOIL AREAS OVER AN ACRE ARE REQUIRED TO HAVE AN APPROVED SEDIMENT CONTROL PLAN. DEVELOPER/CONTRACTOR SHALL NOTIFY WAKE COUNTY OF ANY OFFSITE DISPOSAL OF SOIL, PRIOR TO DISPOSAL. FILL OF FEMA FLOODWAYS AND NON-ENCROACHMENT AREAS ARE PROHIBITED EXCEPT AS OTHERWISE PROVIDED BY SUBSECTION 14-19-2 OF THE WAKE COUNTY UNIFIED DEVELOPMENT ORDINANCE (CERTIFICATIONS AND PERMITS REQUIRED).
8. SEEDING OR COVERING STOCKPILES WITH TARPS OR MULCH IS REQUIRED AND WILL REDUCE EROSION PROBLEMS. TARPS SHOULD BE KEYED IN AT THE TOP OF THE SLOPE TO KEEP WATER FROM RUNNING UNDERNEATH THE PLASTIC.
9. IF A STOCKPILE IS TO REMAIN FOR FUTURE USE AFTER THE PROJECT IS COMPLETE (BUILDERS, ETC.), THE FINANCIAL RESPONSIBLE PARTY MUST NOTIFY WAKE COUNTY OF A NEW RESPONSIBLE PARTY FOR THAT STOCKPILE.
10. REFER TO SHEET C503 FOR SEEDING AND STABILIZATION PROCEDURES.
11. ESTABLISH AND MAINTAIN A VEGETATIVE BUFFER AT THE TOE OF THE SLOPE (WHERE PRACTICAL).

## 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 PLP
Planning: 5/31/18 alw
Other (specify): 5/31/18 dsb (sw)

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. HARNISH 2018 Jan 18

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

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


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 - INTERMEDIATE

SHEET NO.
C501


Layout Tab Name: C501 SOIL EROSION PLAN - INTERMEDIATE, Images: MAP.png; Morrisville aerial.jpg; Morrisville aerial (2).jpg; Morrisville aerial new.jpg; , Xrefs: 075356-X.dwg; 075356-P.dwg; 075356-TBLK.dwg; 075356-X-DIGITIZED.dwg; 075356-P-SWPPP.dwg; Buildings.dwg
Last Saved By:ladzinski, 1/5/2018 11:44:48 AM
G:\DE\Clients\WaterWalk\075356 Morrisville, NC\4.0 Disciplines\Civil\Cadd\Cd\075356-C501-ERO - P2.dwg Plotted By:Ladzinski, Jake Plotted:January 17, 2018, 2:50:37 PM