SITE AREA
RIGHT OF WAY OBSTRUCTION NOTES:
IN THE
STANDARDS
FAILURE
OF THIS NOTIFICATION FAILURE.
TWENTY FOUR HOURS
CONTACTING
SEWER, AND/OR REUSE, AS APPROVED IN THESE PLANS, IS RESPONSIBLE FOR
STREET SIGNS (LF)
PUBLIC STREET (LF) - PARTIAL
PUBLIC STREET (LF) - FULL
PUBLIC SEWER (LF)
PUBLIC WATER (LF)
NUMBER OF OPEN SPACE LOTS
LIVABLE BUILDINGS
LOT NUMBER(S) BY PHASE
PHASE NUMBER(S)

All permits must be available and visible on site during the operation.


Way Accessibility Guidelines (PROWAG), the ADA Standards for Accessible
during construction shall be required to be compliant with the Public Rights of

All public sidewalks must be accessible to pedestrians who are visually impaired

Jurisdiction.

The City of Raleigh requires an approved Right-of-Way Obstruction Permit for

work on any public street or sidewalk and NCDOT road within Raleigh's

The City of Raleigh ____________________________

RUFFIN L. HALL
CITY MANAGER

MARY-ANN BALDWIN
MAYOR

WINTHROP DRIVE
SIDEWALK IMPROVEMENT PROJECT

LOCATION: FROM SLEEPY HOLLOW DR TO W. MILLBROOK RD

TYPE: GRADING, PAVING, CURB AND GUTTER AND SIDEWALK
NOT TO SCALE

NOT TO SCALE

NON-WALK SURFACE

DRIVE WAY

SURFACE

DETECTABLE WARNING

4

R = 1' (TYP)

SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM

COVERING THE FULL WIDTH OF THE RAMP.

5

7 1/2"

SUCH AS IN A CUL-DE-SAC.

2'-6"

6"

D U M M Y JOINT

3

FACE OF CURB

JOINT (TYP)

2

1/2" EXPANSION

JOINT (TYP)

2

5'-0"

SEE T-10.01.2 FOR ADDITIONAL NOTES

SIDEWALK

LANDING

RAMP / FLARES

DATE: 8/1/18

DATE: 8/1/18

CURB TRANSITION TO 2'-6"

EXPANSION JOINT

T-10.01.2

T-20.01.5

VALLEY GUTTER

2

30"

7"

STOP BAR

SIDEWALK SURFACE

6' (TYP)

G S E

STOP BAR (HEIGHT VARIES, CURB REVEAL DETERMINED

DEPRESSED 2'-6" CURB & GUTTER

SIDEWALK

S H A L L B E A MONOLITHIC POUR USING 3000 PSI, MAX.

4" SLUMP CONCRETE.

6" W X 12" D CONCRETE CURB

3

TYPE R-4

X

IN

P

1/2" E

TRANSITION TO STREET.

PORTION OF RAMP OR EXCEED 2% ON ANY

CROSS SLOPE NOT TO

8.33% (12:1) MAX RAMP SLOPE

1/2" EXPANSION

TRANSVERSE EXPANSION JOINT

1

30" CURB & GUTTER

4:1

10% TO THE CURB AND GUTTER LOCATION.

3.5% MAX.
CONSTRUCTION TO BE IN ACCORDANCE WITH CITY OF RALEIGH AND/OR NCDOT STANDARDS AND SPECIFICATIONS. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL RULES AND REGULATIONS. CONSTRUCTION MUST BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS. THIS SPECIFIC AUTHORIZATION BELOW IS NOT A PERMIT, NOR SHALL IT BE CONSTRUED TO PERMIT ANY VIOLATION OF CITY, STATE OR FEDERAL LAW. ALL CONTRACTORS ARE EACH RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE CITY, STATE AND FEDERAL LAWS. THIS LIMITED REVIEW, AND AUTHORIZATION FOR CONSTRUCTION IS NOT TO BE CONSIDERED TO REPRESENT TOTAL COMPLIANCE WITH ALL LEGAL REQUIREMENTS FOR DEVELOPMENT AND CONSTRUCTION. THE PROPERTY OWNER, DESIGN CONSULTANTS, AND ALL CONSTRUCTION CONTRACTORS SHALL INDIVIDUALLY BE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE CODES. THIS GENERAL COMPLIANCE REVIEW IS NOT INTENDED TO REPRESENT TOTAL COMPLIANCE WITH ALL LEGAL REQUIREMENTS FOR DEVELOPMENT AND CONSTRUCTION.

SHEET NO. 1792

PLANS REVIEW V2

DO NOT USE FOR CONSTRUCTION

PRELIMINARY PLANS

NOT TO BE BRICKED ROAD DRIVE

DEPARTMENT OF ENGINEERING SERVICES
CITY OF RALEIGH

1" = 20'

N/A

TO W. MILL BROOK ROAD (SR 1822)
FROM SLEEPY HOLLOW DRIVE
WINTHROP DRIVE

OCT/2019

HSCALE:

VSCALE:

045145

SEAL

A U Q U F .

J

N N E R B

PRELIMINARY PLANS

DO NOT USE FOR CONSTRUCTION

PLANS REVIEW V2

DO NOT USE FOR CONSTRUCTION

PRELIMINARY PLANS

DO NOT USE FOR CONSTRUCTION

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DO NOT USE FOR CONSTRUCTION

PRELIMINARY PLANS

DO NOT USE FOR CONSTRUCTION

PRELIMINARY PLANS
PROPOSED CURB & GUTTER
WINTHROP DRIVE TO W. MILL BROOK ROAD (SR 1822)

EAST SIDE CURB & GUTTER

PLAN GENERAL

PROPOSED DRIVEWAY ARRAYS TO BE CONSTRUCTED FOR CITY OF RALEIGH STANDARD DETAIL T-10.01.1 AND CURB TRANSITION TO EXISTING VALLEY CURB FOR CITY OF RALEIGH STANDARD DETAIL T-10.26.2
PLAN FOR PROPOSED GRADING AND EROSION CONTROL

CONSTRUCTION REQUIREMENTS:
2. INSTALL TEMPORARY 3:1 FENCE AND INLET PROTECTION ON WORKSHOPS AS SHOWN IN EROSION CONTROL PLAN.
3. INSTALL TEMPORARY 3:1 FENCE AND INLET PROTECTION ON WORKSHOPS AS SHOWN IN EROSION CONTROL PLAN.
4. INSTALL TEMPORARY 3:1 FENCE AND INLET PROTECTION ON WORKSHOPS AS SHOWN IN EROSION CONTROL PLAN.
5. INSTALL TEMPORARY 3:1 FENCE AND INLET PROTECTION ON WORKSHOPS AS SHOWN IN EROSION CONTROL PLAN.
6. INSTALL TEMPORARY 3:1 FENCE AND INLET PROTECTION ON WORKSHOPS AS SHOWN IN EROSION CONTROL PLAN.
7. INSTALL TEMPORARY 3:1 FENCE AND INLET PROTECTION ON WORKSHOPS AS SHOWN IN EROSION CONTROL PLAN.
8. INSTALL TEMPORARY 3:1 FENCE AND INLET PROTECTION ON WORKSHOPS AS SHOWN IN EROSION CONTROL PLAN.
9. INSTALL TEMPORARY 3:1 FENCE AND INLET PROTECTION ON WORKSHOPS AS SHOWN IN EROSION CONTROL PLAN.
10. INSTALL TEMPORARY 3:1 FENCE AND INLET PROTECTION ON WORKSHOPS AS SHOWN IN EROSION CONTROL PLAN.

EROSION CONTROL MEASURES:
1. REMOVE ALL SEDIMENT FROM SEDIMENT CONTROL DEVICES AND REDUCE TO 0.
2. REMOVE ALL SEDIMENT FROM SEDIMENT CONTROL DEVICES AND REDUCE TO 0.
3. REMOVE ALL SEDIMENT FROM SEDIMENT CONTROL DEVICES AND REDUCE TO 0.
4. REMOVE ALL SEDIMENT FROM SEDIMENT CONTROL DEVICES AND REDUCE TO 0.
5. REMOVE ALL SEDIMENT FROM SEDIMENT CONTROL DEVICES AND REDUCE TO 0.
6. REMOVE ALL SEDIMENT FROM SEDIMENT CONTROL DEVICES AND REDUCE TO 0.
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9. REMOVE ALL SEDIMENT FROM SEDIMENT CONTROL DEVICES AND REDUCE TO 0.
10. REMOVE ALL SEDIMENT FROM SEDIMENT CONTROL DEVICES AND REDUCE TO 0.

GENERAL NOTES:
1. EXISTING TOPOGRAPHY AND AS-BUILT INFORMATION FROM FIELD SURVEY PROVIDED BY CITY OF RALEIGH.
2. EXISTING TOPOGRAPHY AND AS-BUILT INFORMATION FROM FIELD SURVEY PROVIDED BY CITY OF RALEIGH.
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9. EXISTING TOPOGRAPHY AND AS-BUILT INFORMATION FROM FIELD SURVEY PROVIDED BY CITY OF RALEIGH.
10. EXISTING TOPOGRAPHY AND AS-BUILT INFORMATION FROM FIELD SURVEY PROVIDED BY CITY OF RALEIGH.

LEGAL TEXT:
1. ALL CONTRACTORS SHALL BE RESPONSIBLE TO SCHEDULE A STORMWATER PRE-LIMINARY FINAL INSPECTION.
2. ALL CONTRACTORS SHALL BE RESPONSIBLE TO SCHEDULE A STORMWATER PRE-LIMINARY FINAL INSPECTION.
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9. ALL CONTRACTORS SHALL BE RESPONSIBLE TO SCHEDULE A STORMWATER PRE-LIMINARY FINAL INSPECTION.
10. ALL CONTRACTORS SHALL BE RESPONSIBLE TO SCHEDULE A STORMWATER PRE-LIMINARY FINAL INSPECTION.

CONTRACTOR MUST PROVIDE AND INSTALL TREE PROTECTION MEASURES ARE INDICATED ON THE PLANS. DO NOT ENTER TREE PROTECTION AREA ORANGE, UV RESISTANT MIN. 10 GA. GALVANIZED HARDWARE WIRE. INTERMEDIATE WIRE DEPTH = D

TABLE 20.24

<table>
<thead>
<tr>
<th>DATE</th>
<th>TYPE</th>
<th>PLANTING RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUG 15 - NOV 1</td>
<td>TALL FESCUE</td>
<td>200 LBS/ACRE</td>
</tr>
<tr>
<td>NOV 1 - MAR 1</td>
<td>TALL FESCUE</td>
<td>200 LBS/ACRE</td>
</tr>
<tr>
<td>MAR 1 - APR 15</td>
<td>TALL FESCUE</td>
<td>200 LBS/ACRE</td>
</tr>
<tr>
<td>APR 15 - JUN 30</td>
<td>DOUBLE COMMON/BERMUDA GRASS</td>
<td>25 LB/ACRE</td>
</tr>
<tr>
<td>JUN 1 - JUL 15</td>
<td>TALL FESCUE</td>
<td>120 LBS/ACRE</td>
</tr>
<tr>
<td>JUL 16 - AUG 20</td>
<td>TALL FESCUE</td>
<td>25 LB/ACRE</td>
</tr>
<tr>
<td>AUG 21 - SEP 15</td>
<td>BROWN/TOP BULLET</td>
<td>35 LB/ACRE</td>
</tr>
</tbody>
</table>

SHOULDER, SIDE (SHOES, SPORES 1 TO 3)

SW-20.24

NEW STABILIZATION TIMEFRAMES
(March 16, 2011)

<table>
<thead>
<tr>
<th>Site Area Description</th>
<th>SEEDING</th>
<th>TIMEFRAME EXCEPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perimeter ditches, swales, ditches, slopes</td>
<td>7 days</td>
<td>None</td>
</tr>
<tr>
<td>High Quality Water HOME Zones</td>
<td>7 days</td>
<td>None</td>
</tr>
</tbody>
</table>

Slopes steeper than 3:1 | 7 days | If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed. |
Slopes 3:1 or flatter | 14 days | 7 days for slopes greater than 30' in length, |
All other areas with slopes flatter than 1:1 | 14 days | None, except for perimeters and HOME Zones |

WARNING SIGN DETAIL
(SEE DETAIL TP-02 FOR EXAMPLES)

UNLESS OTHERWISE APPROVED BY URBAN FORESTRY STAFF.

CONSULT CONSERVATION ENGINEER ON DRI SOIL CONSERVATION SERVICE FOR ADDITIONAL INFORMATION CONCERNING OTHER BUFFER/INTERCUTonation LOCATION ON CHANGED AREAS. THE ABOVE VEGETATION ARE THOSE WHICH DO WELL UNDER LOCAL CONDITIONS. OTHER SEEDING RATE CONSIDERATIONS ARE POSSIBLE.

SEEDING MIX WILL BE APPROVED BY THE ENGINEERING SERVICES DIRECTOR BEFORE SEEDING OF THE PROJECT STARTS.

**TEMPORARY** - 236 SANDS ACCORDING TO OPTIMUM SEEDS FOR DRIER PERMANENT VEGETATION. DO NOT ALLOW TEMPORARY COVERAGE TO GROW OVER 12" IN HEIGHT BEFORE WINTERING. OTHERWISE FESCUE MAY BE SHARED.

NOTE: IN LAVIC AREAS THE CONTRACTOR IS TO PLANT GRASS OF THE SAME TYPE AS THE REST OF THE LAWN.

CITY OF RALEIGH
ENGINEERING SERVICES

PLANNING/ZONING _________________________________________

E. CIRCULAR LAYOUT

F. TRENCHING, BORING, REMOVAL, PAVING, PLANTING, ETC.

SEEDING SCHEDULE

1. TREE DIAMETER IS MEASURED AT CHEST HEIGHT.
2. ALL VEGETATION UNDER 3' SHALL BE REMOVED UNDER CLEANSING AND GRUBBING ITEM.
3. CONTRACTOR SHALL REMOVE ALL TREES WITHIN 10' OF ANY EXISTING BUILDING EXCEPT WHERE TREE PROTECTION MEASURES ARE INDICATED ON THE PLANS.

TREE REMOVAL SUMMARY

<table>
<thead>
<tr>
<th>Tree No.</th>
<th>Station</th>
<th>Offset</th>
<th>Side</th>
<th>Tree Size / Specimen</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>16+64.25</td>
<td>20.50'</td>
<td>RT</td>
<td>4&quot; Ornamental</td>
</tr>
<tr>
<td>T2</td>
<td>17+87.94</td>
<td>23.95'</td>
<td>RT</td>
<td>(no size) Crape Myrtle</td>
</tr>
<tr>
<td>T3</td>
<td>20+55.78</td>
<td>24.76'</td>
<td>RT</td>
<td>(3) 7&quot; Japanese Maple</td>
</tr>
<tr>
<td>T4</td>
<td>28+00.62</td>
<td>21.57'</td>
<td>RT</td>
<td>12&quot; Holly</td>
</tr>
</tbody>
</table>

PLANS REVIEW V2

CHECKED BY:

CADD TECH:

SECONDER DESIGNATION

1. CHAM, COMPACTED AERATED AND SPREAD TOPSOIL 3 INCH DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.
2. RIP THE ENTIRE AREA TO 6 INCH DEPTH.
3. REMOVE ALL LOOSE ROCKS, STONES AND OTHER OBSTRUCTIONS LEAVING SURFACES LEVEL, SMOOTH AND UNIFORM.
4. APPLY AGRICULTURAL LIME, MULCH, PORTAL OX AND SUPERPHOSPHATE UNIFORMLY AND MIX WITH SOIL (SEE BELOW).
5. CONTINUE TILLAGE UNTIL A WELL FURROWED, FIRM, NEATLY UNIFORM SEEDBED IS PREPARED 4 TO 6 INCHES DEEP.
6. SEED A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY.
7. APPLY 6 INCH OF TOPSOIL.
8. A VARIATION IN THE UNIFORMITY OF THE SEEDBED IS ACCEPTED 4 TO 6 INCH DEEP.
9. APPLY AGRICULTURAL LIME, FERTILIZER AND SUPERPHOSPHATE UNIFORMTLY AND MIX WITH SOIL (SEE BELOW).

NOT TO SCALE