SITE CONSTRUCTION PLANS

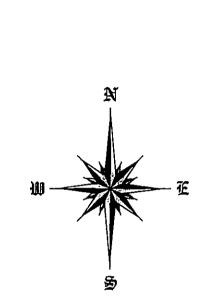
1507 DAWSON STREET WILMINGTON, NC 28403

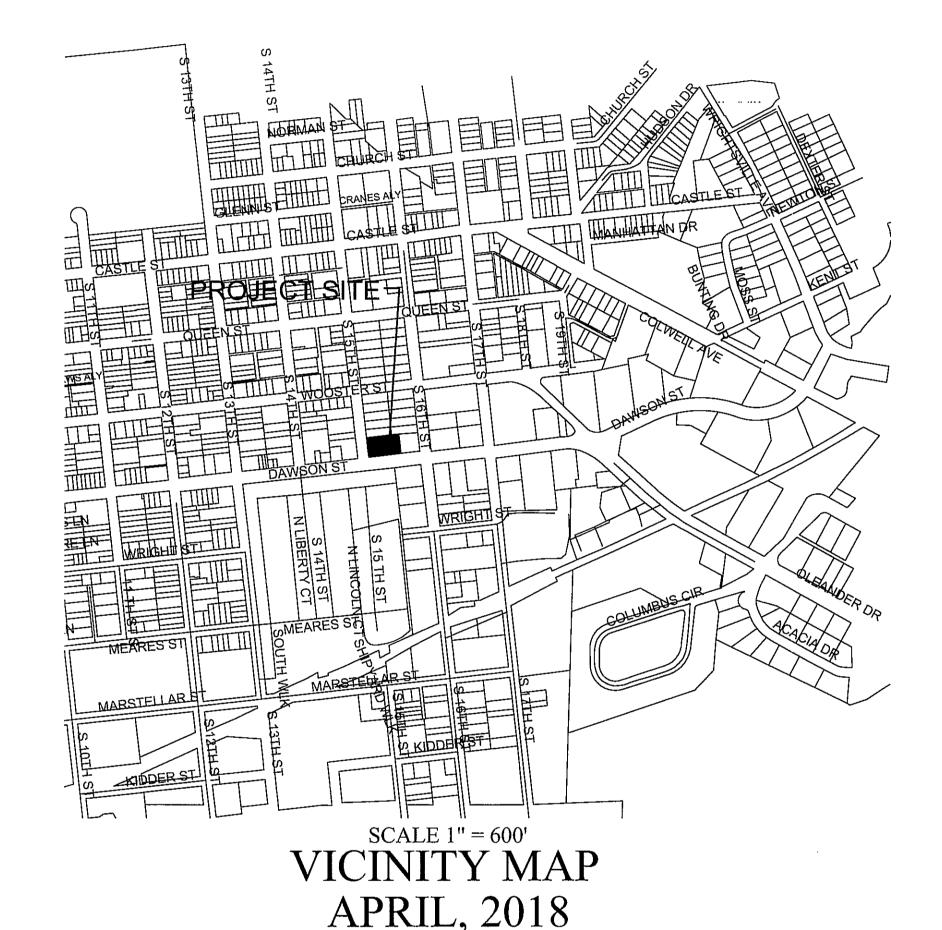




For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

WILMINGTON WASH HOUSE





LIST OF DRAWINGS

COVER SHEET

EXISTING SITE & DEMO PLAN

SITE PLAN

GRADING, DRAINAGE & EROSION CONTROL

DETAILS

LANDSCAPE PLAN

NCDOT DRIVEWAY PERMIT PLAN

ELEVATION WATER DETAILS

REDENCED

1. PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING (IF REQUIRED) WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES AND NO CONSTRUCTION WORKERS. TOOLS. MATERIALS, OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION

. ANY TREES AND/OR AREAS DESIGNATED TO BE PROTECTED MUST BE PROPERLY BARRICADED WITH FENCING AND PROTECTED THROUGHOUT CONSTRUCTION TO INSURE THAT NO CLEARING, GRADING OR STAGING OF

3. NO EQUIPMENT IS ALLOWED ON SITE UNTIL ALL TREE PROTECTION FENCING AND SILT FENCING IS INSTALLED AND APPROVED. PROTECTIVE FENCING IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT, AND CONTRACTORS SHALL RECEIVE ADEQUATE INSTRUCTION ON TREE PROTECTION

4. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS OF WAY AND FOR DRIVEWAY 5. ONCE STREETS ARE OPEN TO TRAFFIC, CONTACT TRAFFIC ENGINEERING REGARDING THE INSTALLATION OF TRAFFIC AND STREET NAME SIGNS. PROPOSED STREET NAMES MUST BE APPROVED PRIOR TO INSTALLATION O

6. TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD STANDARDS AND BÉ

7. CONTACT TRAFFIC ENGINEERING AT 910-341-7888 TO ENSURE THAT ALL TRAFFIC SIGNAL FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN. 8. TRAFFIC ENGINEERING TO BE NOTIFIED AT 341-7888 FORTY-EIGHT HOURS

9. TRAFFIC ENGINEERING MUST APPROVE OF PAVEMENT MARKING PRIOR TO

PRIOR TO ANY EXCAVATION IN THE RIGHT OF WAY.

10. ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN PARKING AREAS SHALL BE WHITE. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS OF WAY FOR DRIVEWAY ARE TO BE THERMO PLASTIC AND MEET CITY AND/OR NCDOT

1. ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT OF WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD

12. STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING

13. TACTILE WARNING MATS WILL BE INSTALLED ON ALL WHEEL CHAIR RAMPS. 14. A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY

15. ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND

16. CONTACT TRAFFIC ENGINEERING AT 341-7888 TO DISCUSS STREET LIGHTING

17. WATER AND SEWER SERVICE SHALL MEET CAPE FEAR PUBLIC UTILITY AUTHORITY DETAILS AND SPECIFICATIONS. 18. PROJECT SHALL COMPLY WITH CFPUA CROSS CONNECTION CONTROL

REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL. 19. IF THE CONTRACTOR DESIRES CFPUA WATER FOR CONSTRUCTION HE SHALL

APPLY IN ADVANCE FOR THIS SERVICE AND MUST SUPPLY A RPZ BACKFLOW PREVENTION DEVICE ON THE DEVELOPERS SIDE OF THE WATER METER BOX. 20. ANY IRRIGATION SYSTEM SUPPLIED BY CFPUA SHALL COMPLY WITH THE CFPUA CROSS CONNECTION REGULATIONS.

21. ANY IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN AND FREEZE

22. ANY BACKFLOW PREVENTION DEVICES REQUIRED BY THE CFPUA WILL NEED

23. CONTRACTOR TO FIELD VERIFY EXISTING WATER AND SEWER LOCATIONS, SIZES AND MATERIALS PRIOR TO CONSTRUCTION, ENGINEER TO BE NOTIFIED OF

24. AN ALL WEATHER DRIVING SURFACE FOR EMERGENCY VEHICLES MUST BE MAINTAINED DURING CONSTRUCTION.

25. UNDERGROUND FIRE LINE(S) MUST BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC ROW TO THE BUILDING. CONTACT THE WILMINGTON FIRE DEPARTMENTDIVISON OF FIRE AND LIFE SAFETY

26. NO OBSTRUCTIONS ARE PERMITTED IN THE SPACE BETWEEN THIRTY (30) INCHES AND TEN (TEN) FEET ABOVE THE GROUND WITHIN THE TRIANGLE SIGHT

27. CONTRACTOR IS TO NOTIFY (AT A MINIMUM) THE FOLLOWING COMPANIES FOR LOCATION SERVICES: ULOCO1-800-632-4949, 48 HOURS IN ADVANCE BELL SOUTH......1-800-392-8712 (STEVE DAYVAULT) CAROLINA ONE CALL CENTER 1-800-632-4949

28. THERE SHALL BE NO ENCUMBRANCES WITHIN THE NCDOT RIGHT OF WAY. 29. A LANDSCAPING PLAN INDICATING THE LOCATION OF REQUIRED STREET TREES SHALL BE SUBMITTED TO THE CITY OF WILMINGTON TRAFFIC ENGINEERING DIVISION AND PARKS AND RECREATION DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE RECORDING OF THE FINAL PLAT (SD 15-14 CofW

30. FIRE HYDRANTS CANNOT BE FURTHER THAN 8' FROM THE CURB. 31. PARKING AND LANDSCAPING CANNOT BLOCK FIRE HYDRANTS OF FDC'S 32. FDC'S CAN BE NO FURTHER THAN 40' FROM FIRE DEPARTMENT VEHICLE

33. FDC'S CAN BE NO FURTHER THAN 150' FROM A FIRE HYDRANT 34. BICYCLE PARKING IS PROVIDED ON THE SOUTHWEST CORNER OF PROPOSED

35. ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.



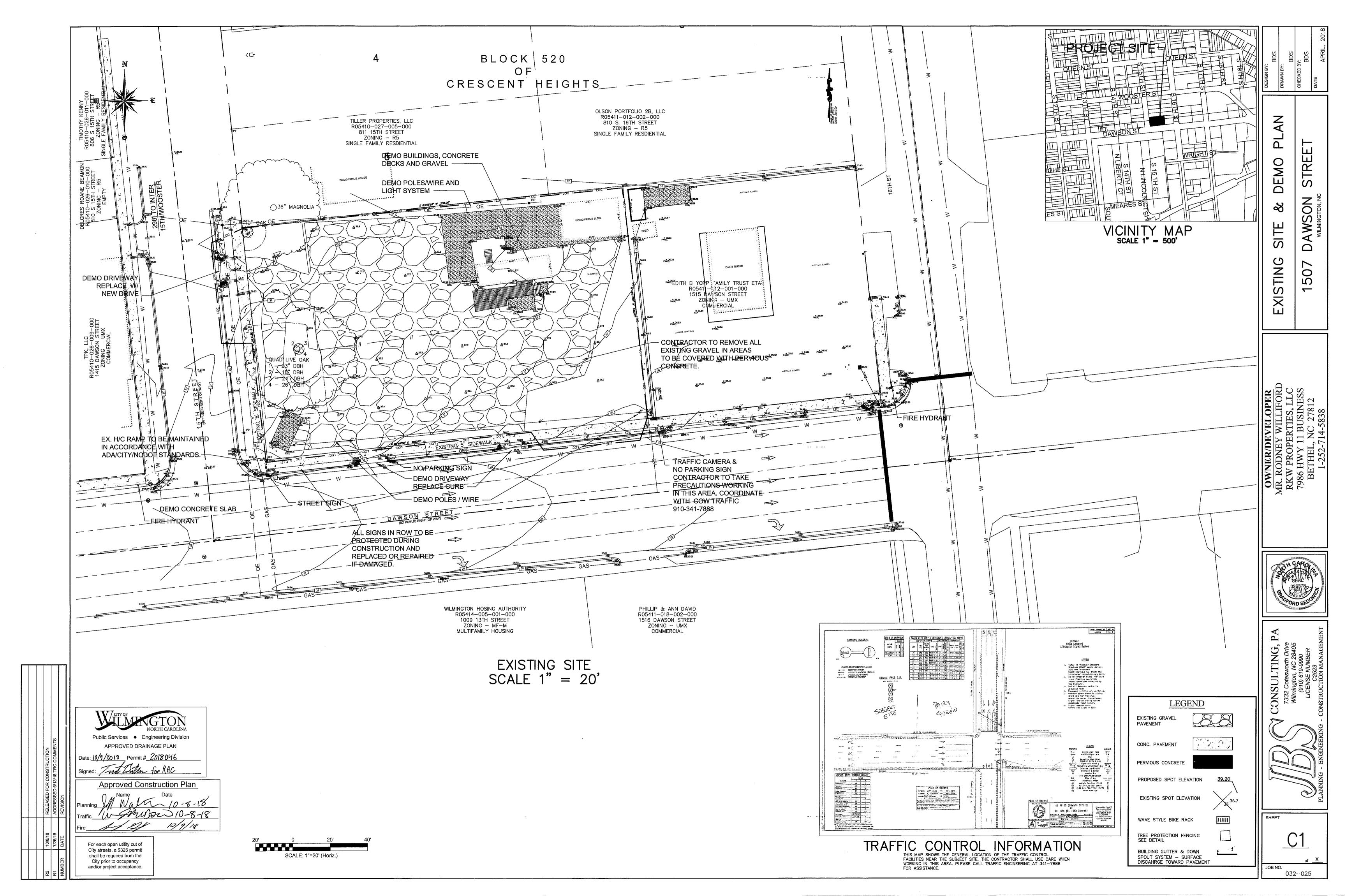
OWNER/DEVELOPER MR. RODNEY WILLIFORD RKW PROPERTIES, LLC 7986 HWY 11 BUSINESS BETHEL, NC 27812 1-252-714-5838

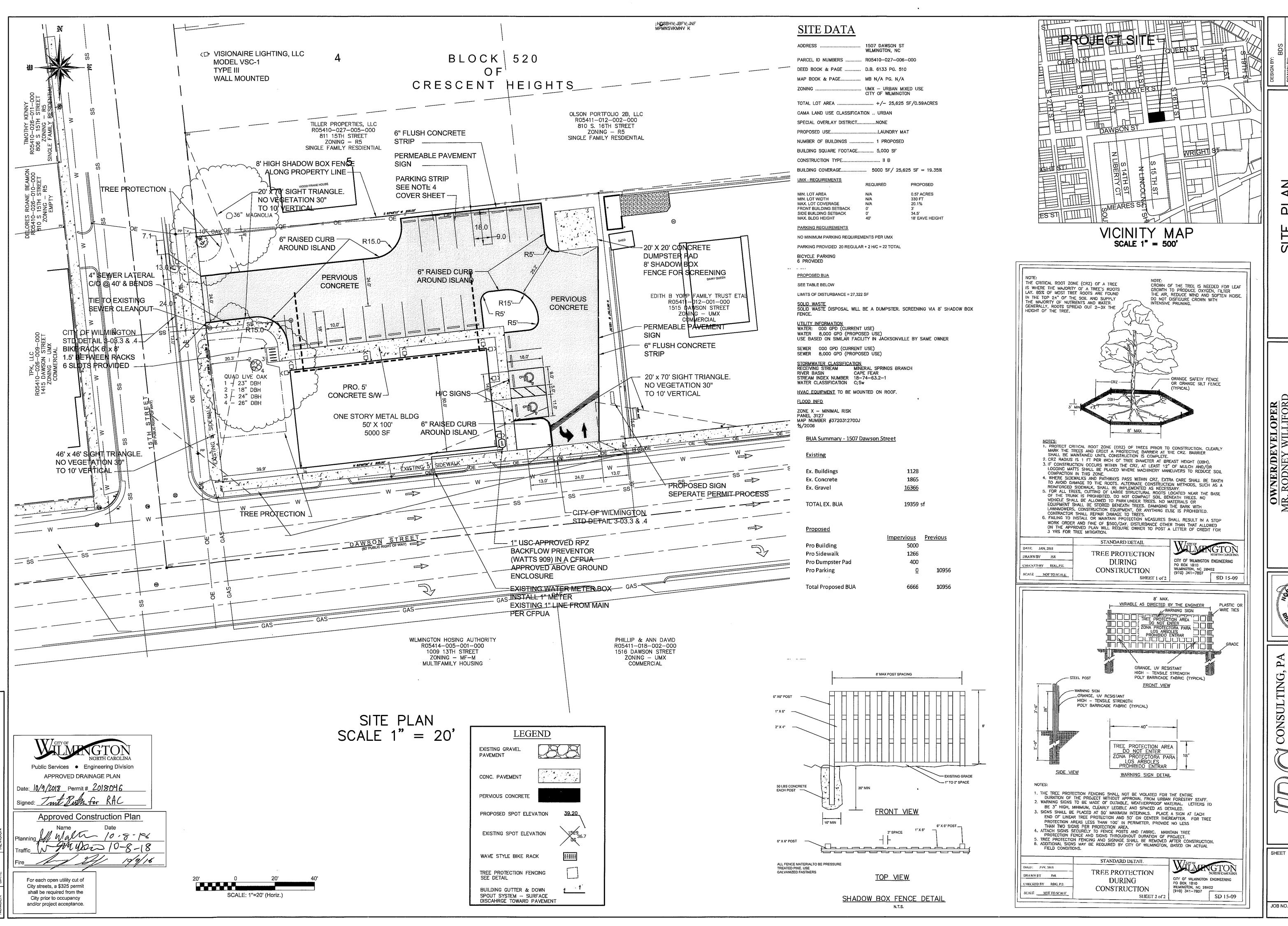
CIVIL ENGINEER JBS CONSULTING, PA BRAD SEDGWICK, PE 7332 COTESWORTH DRIVE WILMINGTON, NC 28405 1-910-619-9990 bradsedgwick@hotmail.com

SURVEYOR GEOINNOVATION, PC MR. DEAN EXLINE, PLS 311 JUDGES ROAD SUITE 3D WILMINGTON, NC 28405 1-910-367-2110 dexline@gisspc.com

GENERAL CONTRACTOR TMC TAYLOR MR. GREG TAYLOR 1406 CASTLE HAYNE ROAD WILMINGTON, NC 28401 910-251-1181







SITE PLAN
DAWSON STREET
DAWINGTON NO

R. RODNEY WILLIFORD
KWY PROPERTIES, LLC
986 HWY 11 BUSINESS
BETHEL, NC 27812
1-252-714-5838

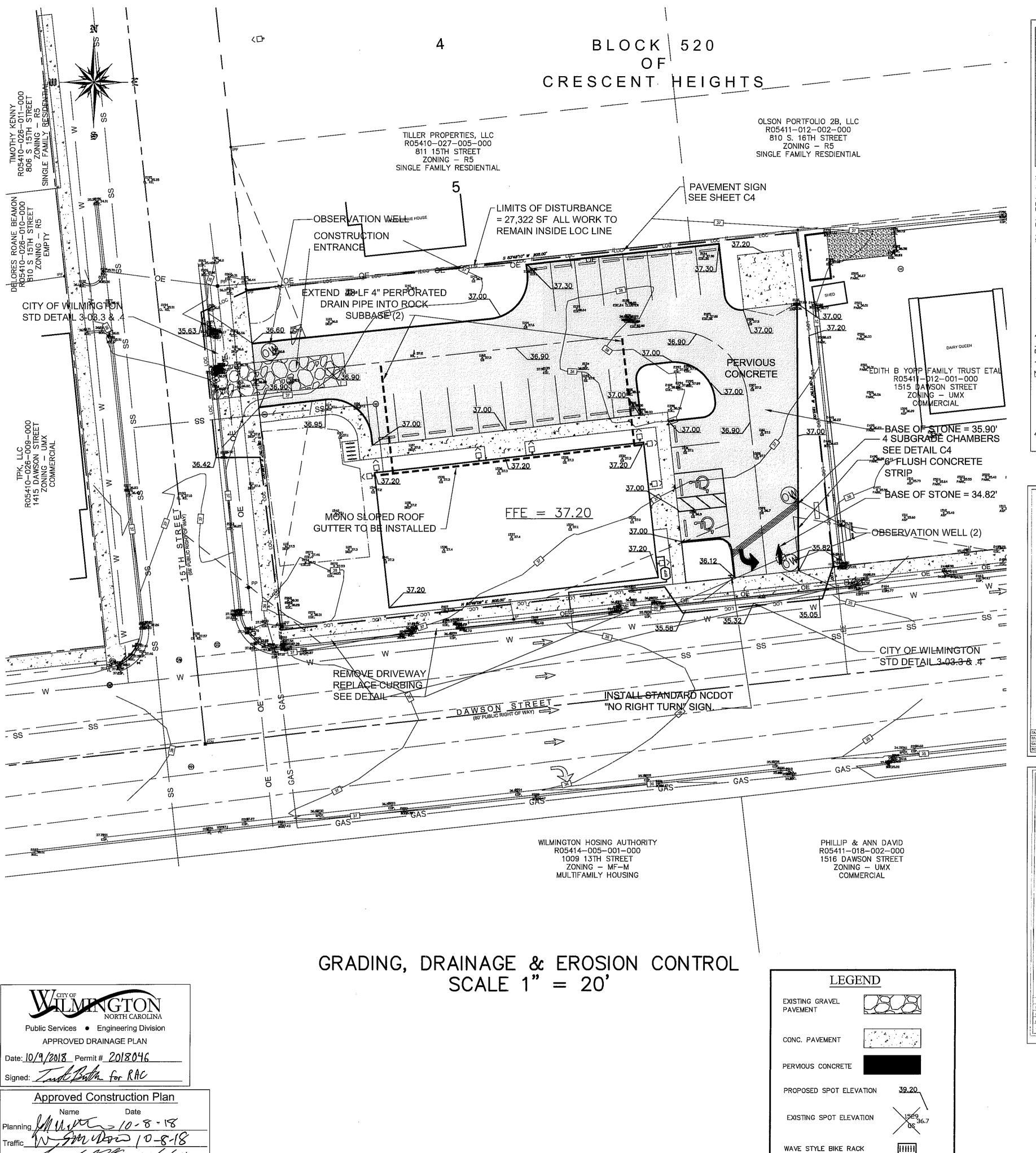
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CONSULTING, PA
7332 Cotesworth Drive
Wilmington, NC 28405
(910) 619-9990
LICENSE NUMBER
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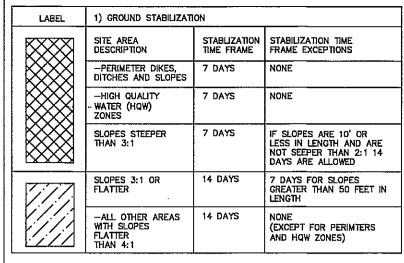
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SCALE: 1"=20' (Horiz.)



2) BUILDING WASTES HANDLING

-NO PAINT OR LIQUID WASTES IN STREAM OF STORM DRAINS -DEDICATED AREAS FOR DEMOLITION, CONSTRUCTION AND OTHER WASTES MUST BE LOCATED 50' FROM STORM DRAINS AND STREAMS UNLESS NO REASONABLE ALTERNATIVES AVAILABLE -EARTHEN-MATERIALS STOCKPILES MUST BE LOCATED 50 FROM STORM DRAIANS AND STREAMS UNLESS NO REASONABLE ALTERNATIVES AVAILABLE -- CONCRETE MATERIALS MUST BE CONTROLLED TO AVOID CONTACT WITH SURFACE WATERS, WETLANDS, OR BUFFERS.

3) INSPECTIONS

-SAME WEEKLY INSPECTION REQUIREMENTS -SAME RAIN GAUGE & INSPECTIONS AFTER 0.5" RAIN EVENT -inspections are only required during "normal business hours"

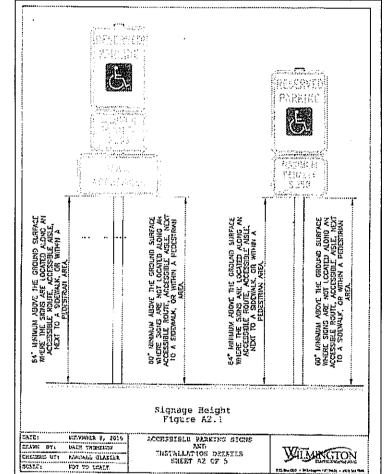
-RECORDS MUST BE KEPT FOR 3 YEARS AND AVAIABLE UPON REQUEST -ELECTRONICALLY-AVAIABLE RECORDS MAY BE SUBSTITUTES UNDER CERTAIN CONDITIONS

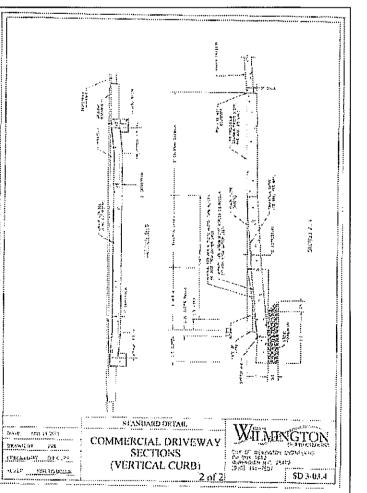
-OUTLET STRUCTURES MUST WITHDRAW FROM BASIN SURFACES UNLESS DRAINAGE AREA IS LESS THAN 1 ACRE -USE ONLY DWQ-APPROVED FLOCCULANTS NPDES - SPECIFIC PLAN SHEET NOTES

THIS PAGE IS SUBMITTED TO COMPLY WITH NPDES GENERAL STORMWATER PERMIT NCG010000:

THIS PAGE CAN BE APPROVED BY THE COUNTY PURSUANT TO NPDES GENERAL STORMWATER PERMIT NCGO10000 ONLY.

THE COUNTY IS NOT AUTHORIZED TO ENFORCE THIS PAGE OF THE PLANS AND IT IS NOT PART OF THE APPROVED PLANS FOR THE PURPOSES OF ENFORCEMENT ACTION UNDER THE CITY CODE.



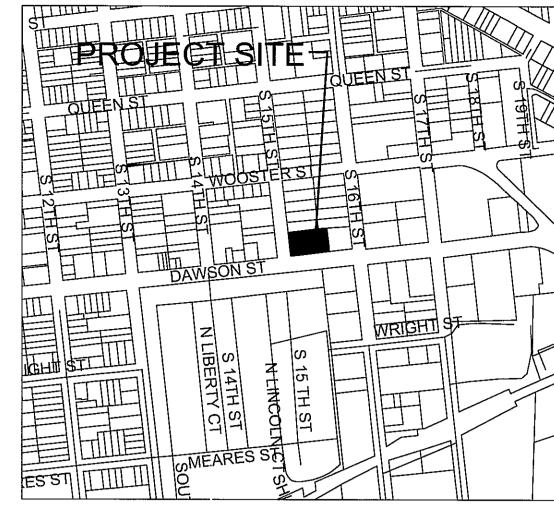


TREE PROTECTION FENCING

BUILDING GUTTER & DOWN

SPOUT SYSTEM - SURFACE

DISCAHRGE TOWARD PAVEMENT



VICINITY MAP SCALE 1" = 500"

GRADING NOTES

1. INITIATE EROSION CONTROL SEQUENCE BEFORE BEGINNING CLEARING, GRUBBING AND GRADING OPERATIONS.

2. CLEAR AREAS TO BE GRADED OF ALL VEGETATION. PROTECT VEGETATION BEYOND GRADING LIMITS.

3. STRIP TOPSOIL TO FULL DEPTH IN AREAS TO BE GRADED AND STOCKPILE. 4. COMPACT ALL FILL AREAS TO 95% OF MAXIMUM DENSITY.

5. ALL BANKS AND SWALE SIDE SLOPES SHALL BE GRADED WITH NO GREATER THAN 3:1 6. ALL AREAS ARE TO BE GRADED SO THAT NO AREAS OF STANDING WATER OCCUR.

7. PROPOSED SPOT ELEVATIONS ARE SHOWN AT FINISHED GRADE.

8. OPERATOR SHALL FIELD VERIFY EXISTING TOPOGRAPHY IN RELATION TO THE PROPOSED GRADES TO ENSURE DRAINAGE IN THE DIRECTIONS INDICATED ON THE PLAN.

CONSTRUCTION SEQUENCE

1. A SEDIMENTATION & EROSION CONTROL PERMIT IS NOT REQUIRED FOR THIS PROJECT. REGARDLESS THE CONTRACTOR SHALL FOLLOW ALL MEASURES AS SHOWN ON

3. INSTALL GRAVEL CONSTRUCTION ENTRANCE AND SILT FENCE, COMMENCE CLEARING AND ROUGH GRADING OPERATIONS,

4. ROUGH GRADE SITE AND INSTALL UNDERGROUND UTILITIES.

5. PROVIDE TEMPORARY PROTECTION MEASURES AND DEVICES AS REQUIRED UNTIL UNDERGROUND UTILITIES AND PAVEMENT SECTION IS COMPLETE AND FINAL GRADES ARE

6. STABILIZE (FERTILIZE, SEED, AND MULCH) ALL DISTURBED AREAS AS SOON AS FINAL GRADES ARE ESTABLISHED.

7. ONCE CONSTRUCTION IS COMPLETE AND ALL DISTURBED AREAS ARE STABILIZED, REMOVE TEMPORARY EROSION CONTROL MEASURES,

EROSION CONTROL MAINTENANCE PLAN

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF — PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.

2. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES ABOUT 0.5 FEET DEEP AT THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED OR REPLACED AS NECESSARY TO MAINTAIN A BARRIER.

3. GRAVEL CONSTRICTION ENTRANCE TO BE CLEANED WHEN SEDIMENT ACCUMULATIONS ARE VISIBLE OR SEDIMENT IS DEPOSITED ON THE ASPHALT AND STONE WILL BE PERIODICALLY TOP DRESSED WITH 2 INCHES OF #4 STONE TO MAINTAIN 6 INCH DEPTH.

4. INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (12" OR GREATER) RAINFALL EVENT. CLEAR THE WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED.

5. ALL AREAS WILL BE FERTILIZED, RESEEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.

EROSION CONTROL NOTES

PROPERLY PERMITTED OFF-SITE FACILITY.

1. ANY CONSTRUCTION ACTIVITY BEYOND THE 0.51 ACRE LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO FINES. 2. CONTRACTOR SHALL REMOVE ALL TREES AND VEGETATION WITHIN ROAD RIGHT OF WAYS UNLESS OTHERWISE DESIGNATED TO REMAIN.

3. CONTRACTOR SHALL RAKE AND REMOVE ROOTS, STUMPS, VEGETATION, DEBRIS, EXISTING STRUCTURES ABOVE AND BELOW GRADE, ORGANIC MATERIAL OR ANY OTHER UNSUITABLE MATERIAL WITH IN THE LIMITS OF CONSTRUCTION.

4. CONTRACTOR SHALL COORDINATE WITH OWNER AND THEIR GEOTECHNICAL REPRESENTATIVE TO COORDINATE REMOVAL OF ANY UNSUITABLE SOILS.

5. CLEARED, GRUBBED, STRIPPED OR OTHER WASTE MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A PROPERLY PERMITTED FACILITY. 6. THE CONTRACTOR SHALL FURNISH ANY REQUIRED BORROW MATERIALS FROM A

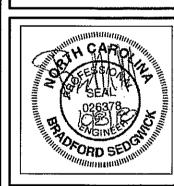
7. ALL GRADED SLOPES MUST BE SEEDED AND MULCHED WITHIN 21 CALENDAR DAYS OF COMPLETION OF GRADING. STABILIZE AREAS OTHER THAN SLOPES WITHIN 15 WORKING DAYS OR 90 CALENDAR DAYS, WHICHEVER IS SHORTER.

8. ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY A REPRESENTATIVE OF THE COUNTY ENGINEERING DEPARTMENT.

9. SLOPES SHALL BE GRADED NO STEEPER THAN 3:1. 10. ADDITIONAL DEVICES MAY BE REQUIRED AS AGREED UPON BY THE FIELD INSPECTOR, ENGINEER, AND OWNER.

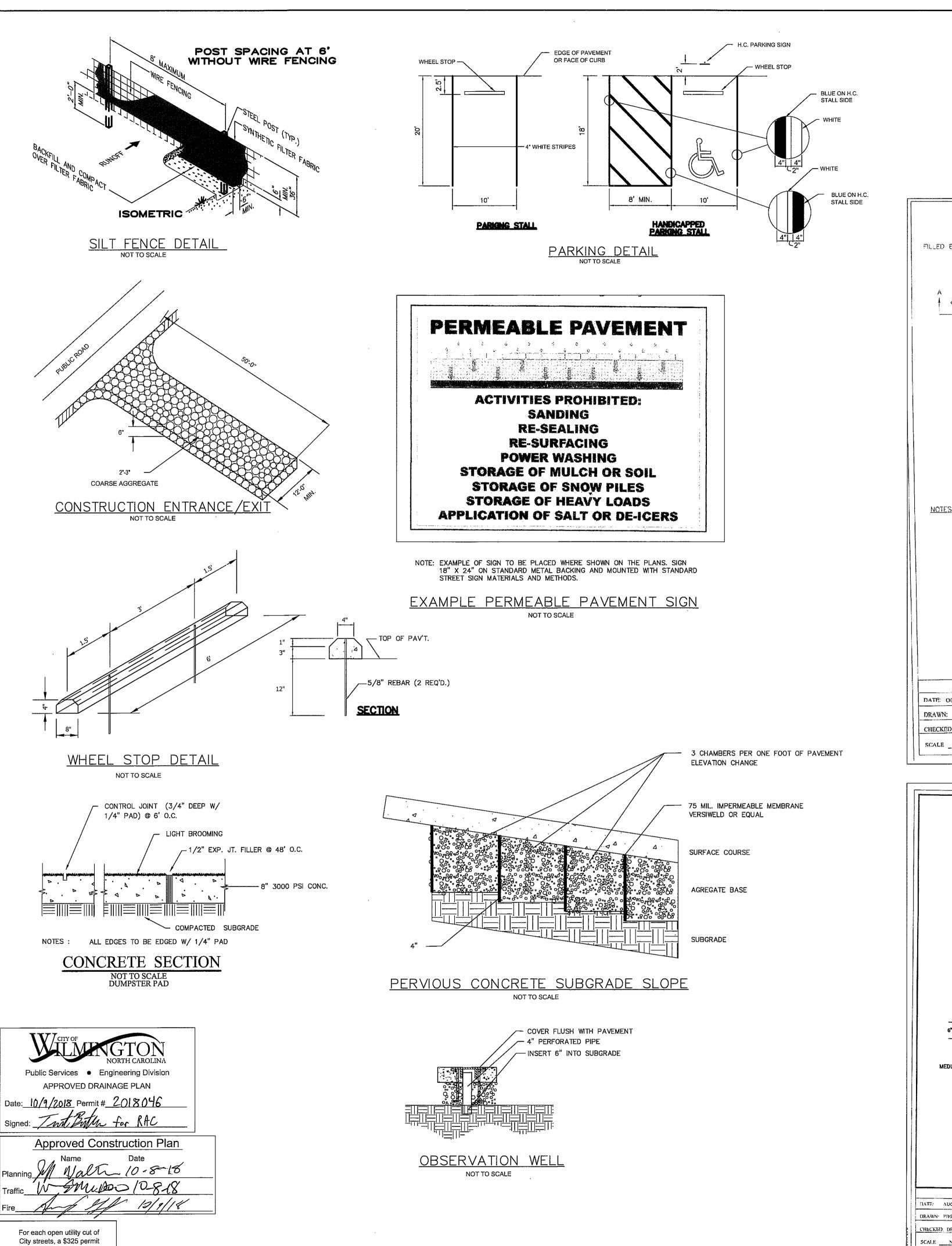
11. IF ACTIVE CONSTRUCTION CEASES IN ANY AREA FOR MORE THAN 15 CALENDAR DAYS, ALL DISTURBED AREAS MUST BE SEEDED, MULCHED, AND TACKED.

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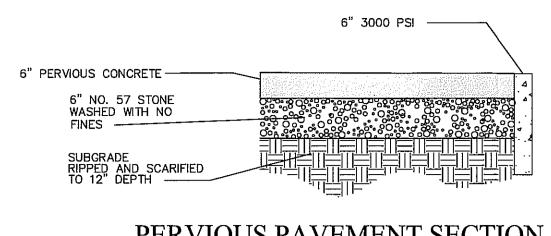


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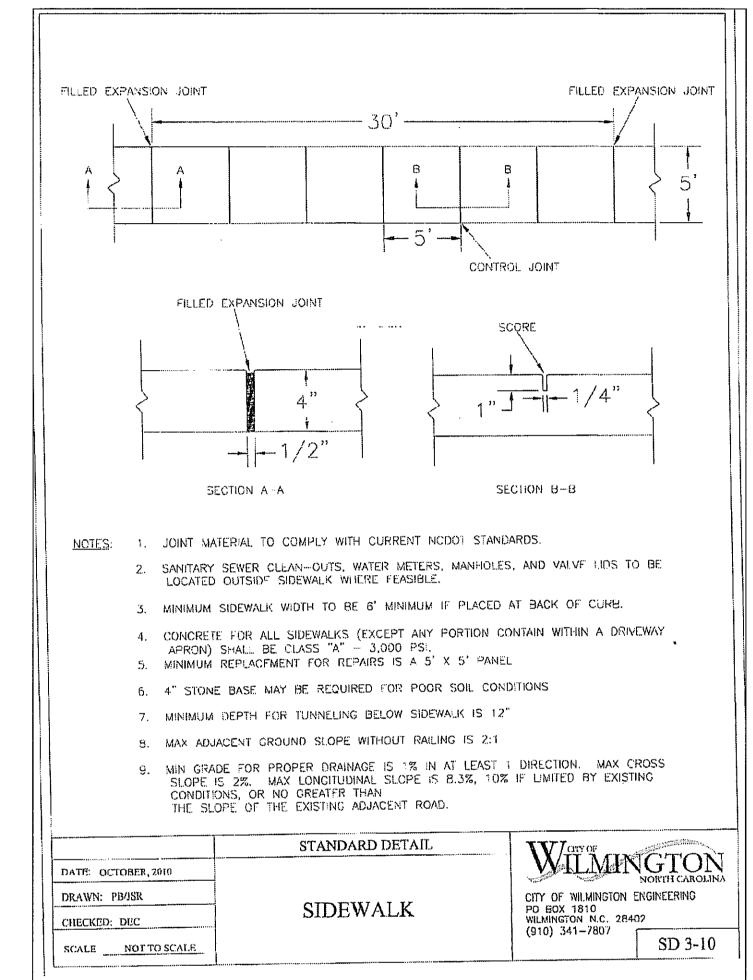
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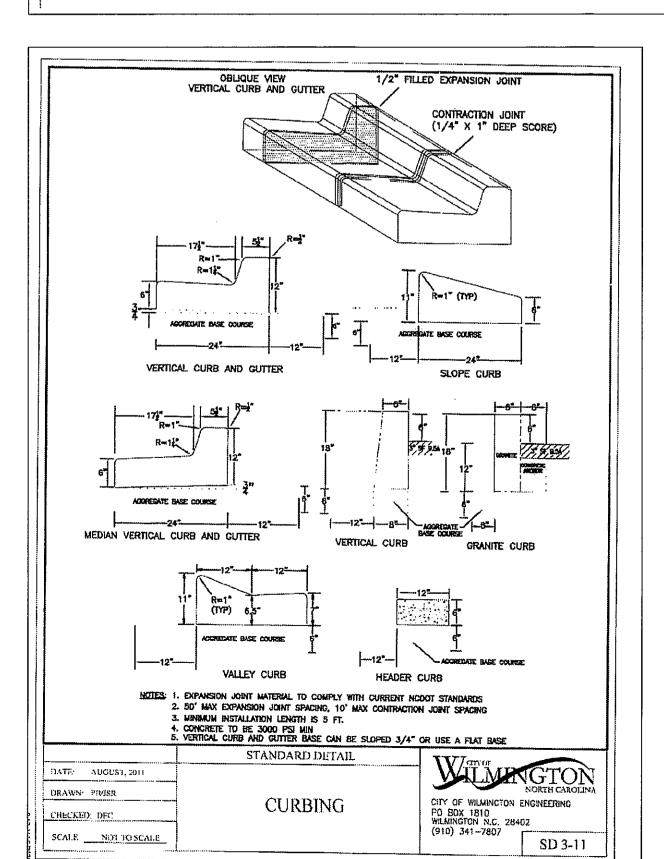


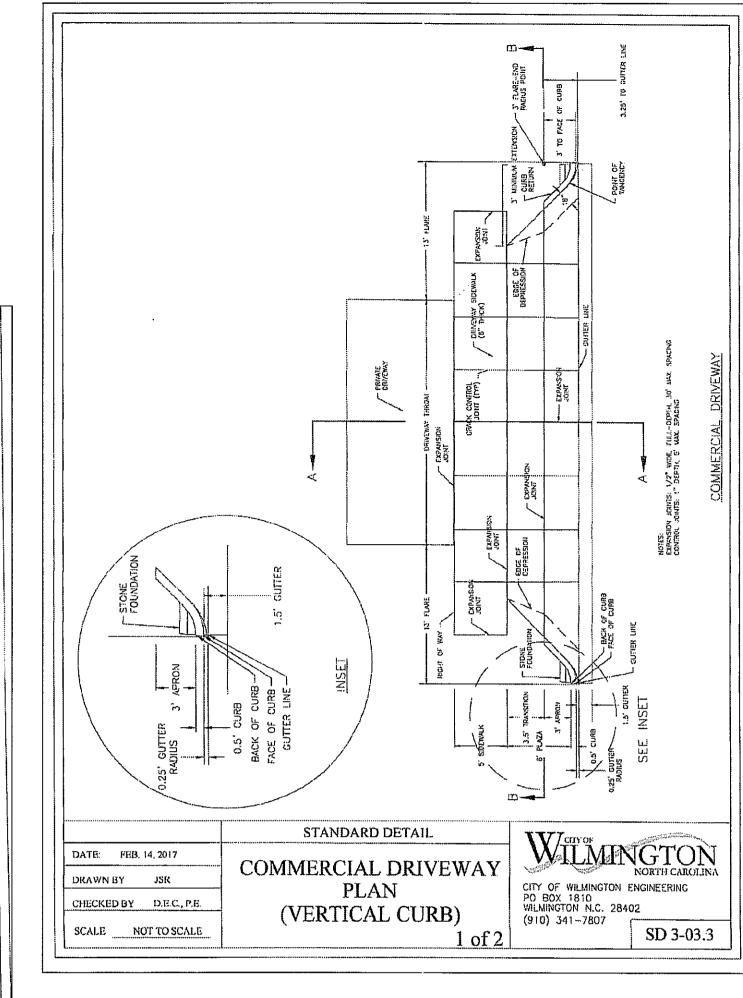
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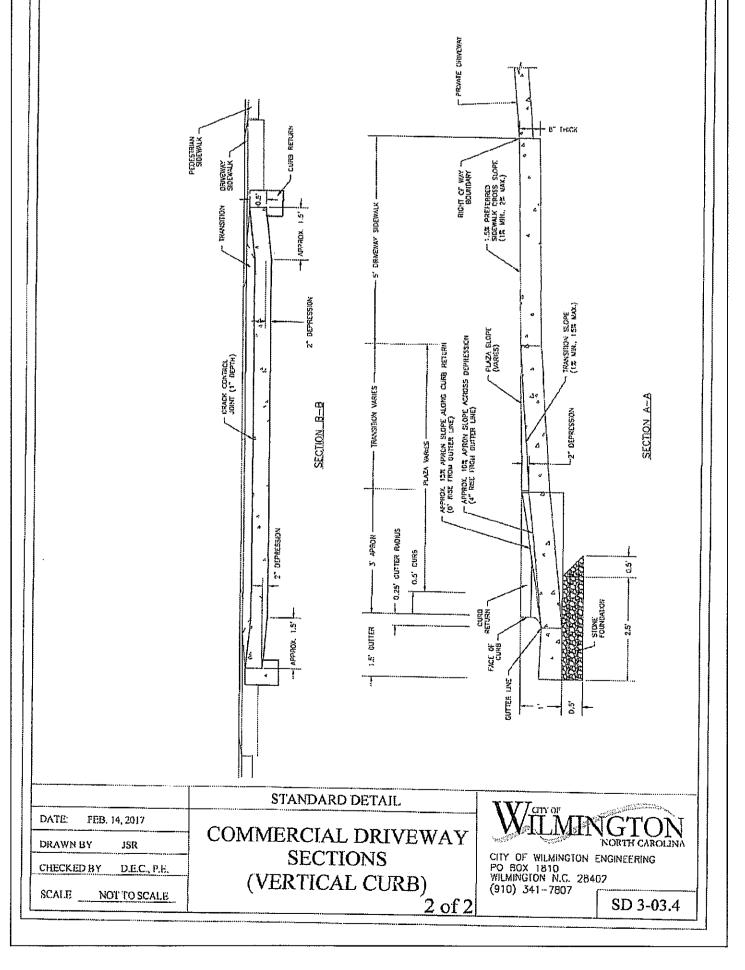


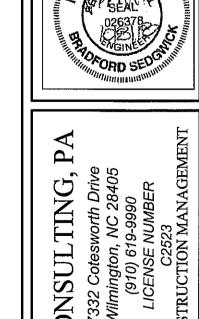
PERVIOUS PAVEMENT SECTION NOT TO SCALE





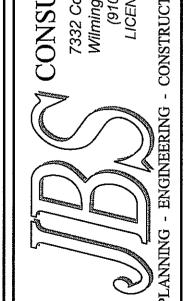






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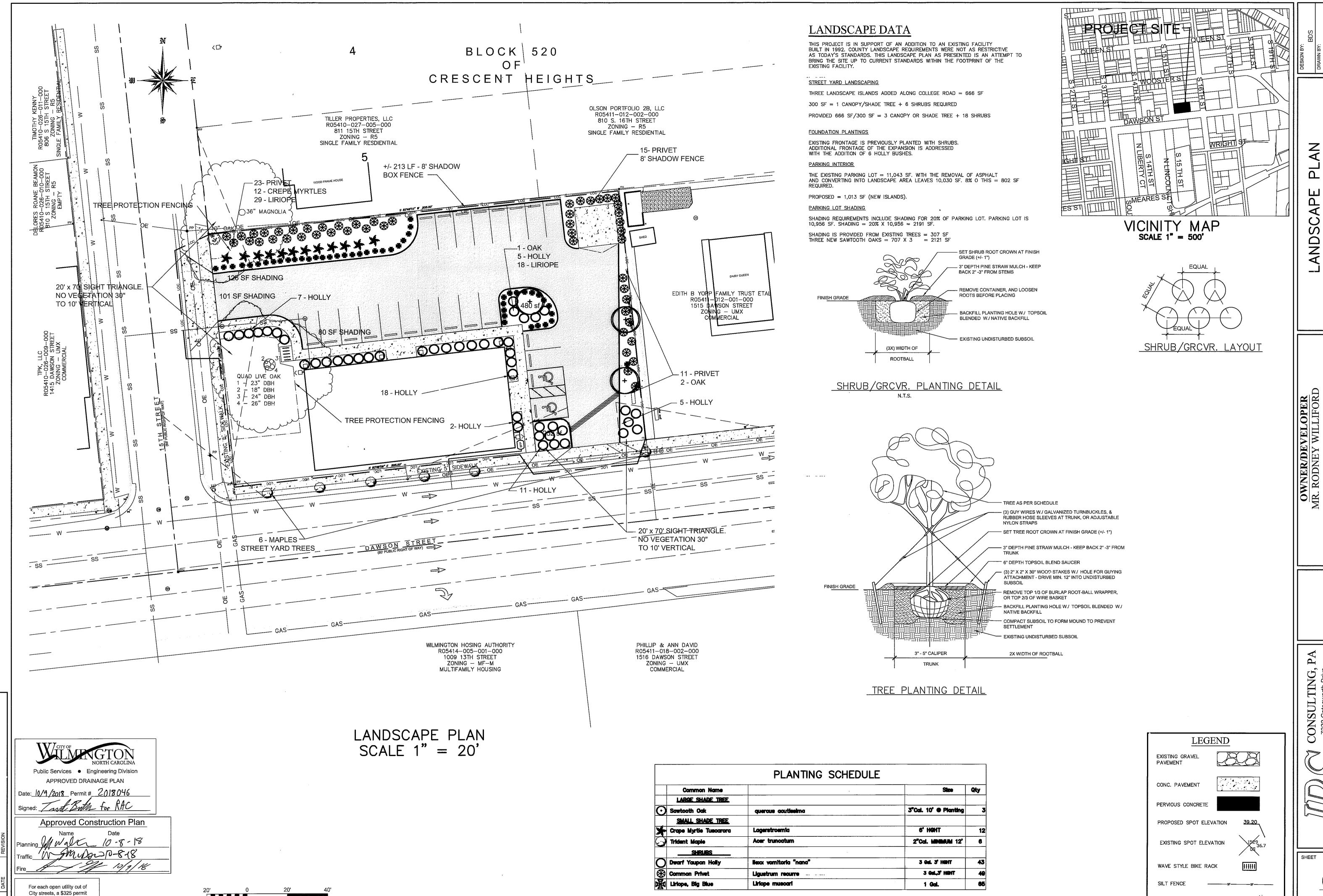
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shall be required from the

SCALE: 1"=20' (Horiz.)

City prior to occupancy

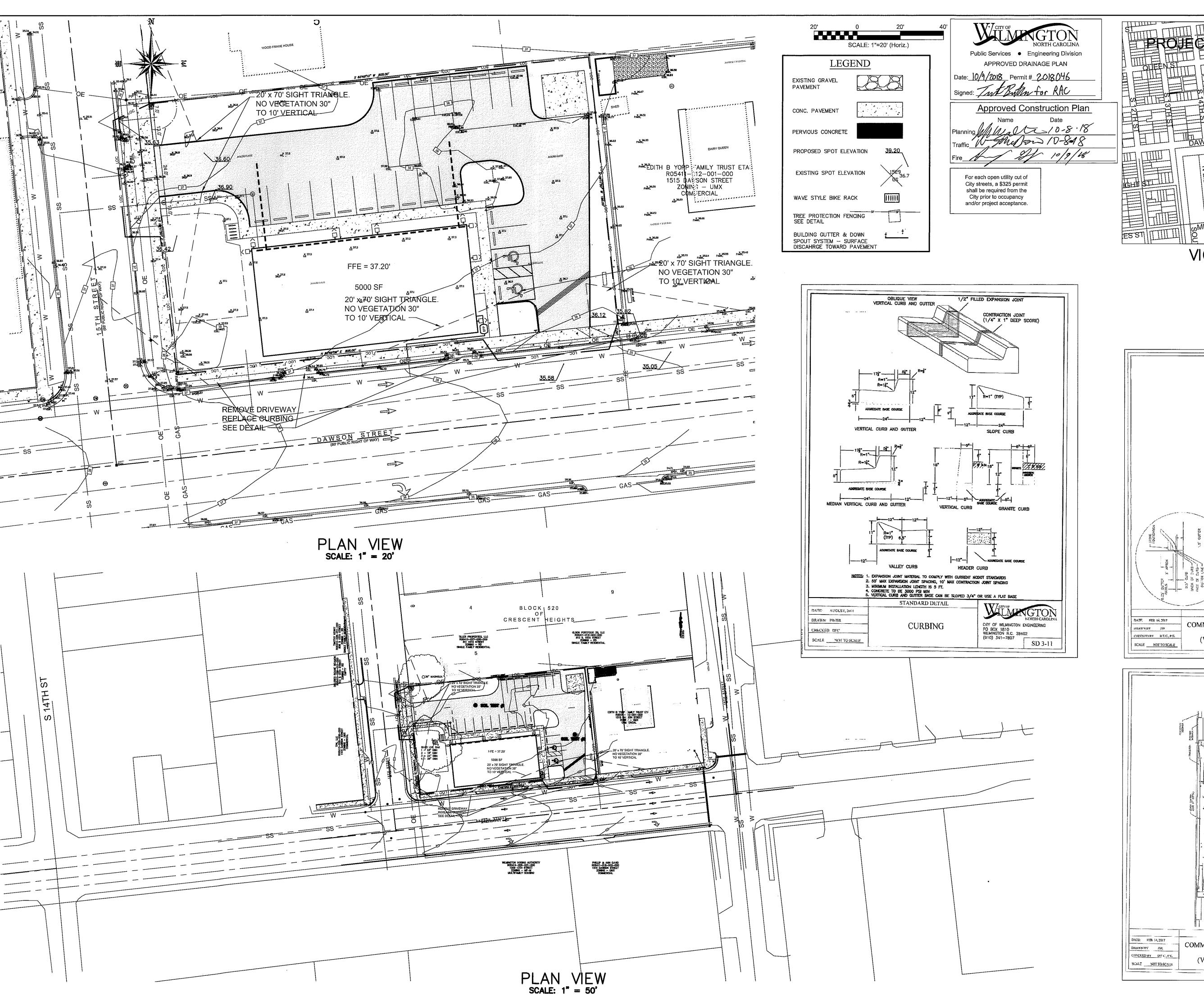
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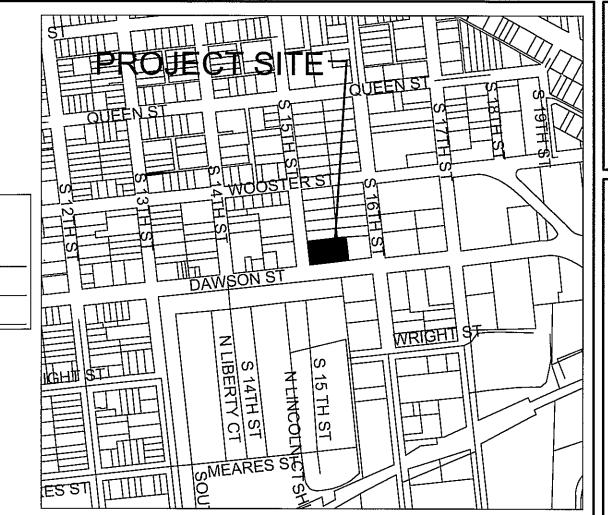
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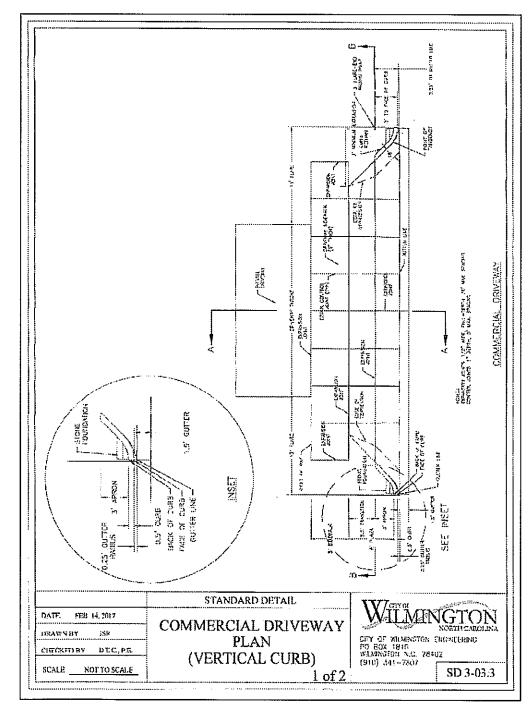
BUILDING GUTTER & DOWN

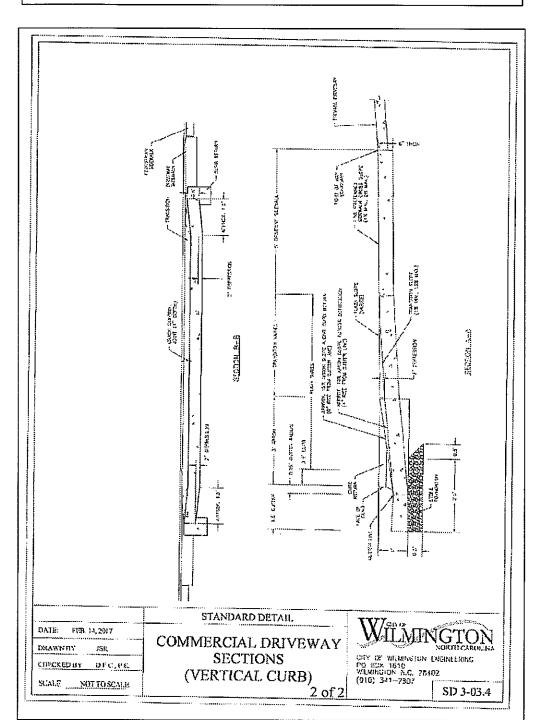
SPOUT SYSTEM - SURFACE DISCAHRGE TOWARD PAVEMENT

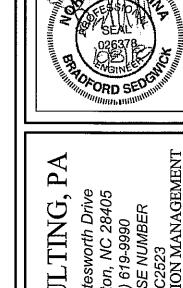




VICINITY MAP SCALE 1" = 500'







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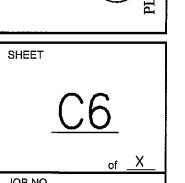
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