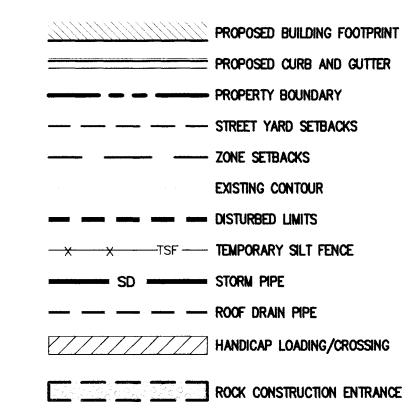
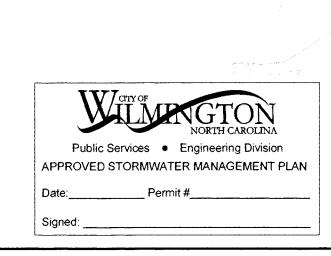


LEGEND



HANDICAP PARKING STALL



	<u>Name</u>	<u>Date</u>
Planning		
Traffic		
Fire		

INSTALL TEMPORARY

ROCK CONSTRUCTION

ENTRANCE

24' STANDARD -

COW DRIVEWAY

SEWER TO FLOW THROUGH NEI: YES or NO (CIRCLE ONE)

NCDENR PWSS WATER PERMIT #:

WATER CAPACITY:

SEWER CAPACITY:

DWQ SEWER PERMIT #:

SEWER SHED # AND PLANT:

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

INSTALL TEMPORARY

24' STANDARD

COW DRIVEWAY

MEDICAL CENTER DRIVE

(60' R/W)

24' STANDARD -COW DRIVEWAY

PROPOSED BUILDING 4 STORIES

HEIGHT = 44'-4"

FOOTPRINT = 15,591 SF FFE = 22.6

PATIO

S AND S PRE(NTE 1. IT SHALL BE THE RESPONSIBILITY OF THE SUBDIMDER TO ERECT OFFICIAL STREET NAME SIGNS AL ALL INTERSECTIONS ASSOCIATED WITH THE SUBDIVISION IN ACCORDANCE WITH THE TECHNICAL STANDARDS AND SPECIFICATIONS MANUAL. THE SUBDIMDER MAY AQUIRE AND ERECT OFFICIAL STREET NAME SIGNS OR MAY CHOOSE SIGNS AND THE SUBDIVIDER SHALL PAY THE COST OF SUCH INSTALLATION. CONTACT TRAFFIC ENGINEERING AT (910) 341-7888 TO DISCUSS INSTALLATION OF TRAFFIC AND STREET NAME SIGNS. PROPOSED STREET NAMES MUST BE APPROVED PRIOR TO INSTALLATION OF STREET NAME 2. A SIGN SHALL BE PLACED AT THE NORTHERN BOUNDARY OF THE PROPERTY INDICATING THAT A FUTURE CONNECTION WILL BE OPENED WHEN THE PROPERTY TO

GENERAL NOTES:

THE NORTH DEVELOPS.

- INSTALL TEMPORARY ROCK CONSTRUCTION ENTRANCE

TO CONTACT WITH THE CITY TO INSTALL THE STREET

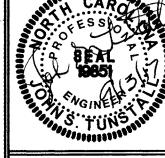
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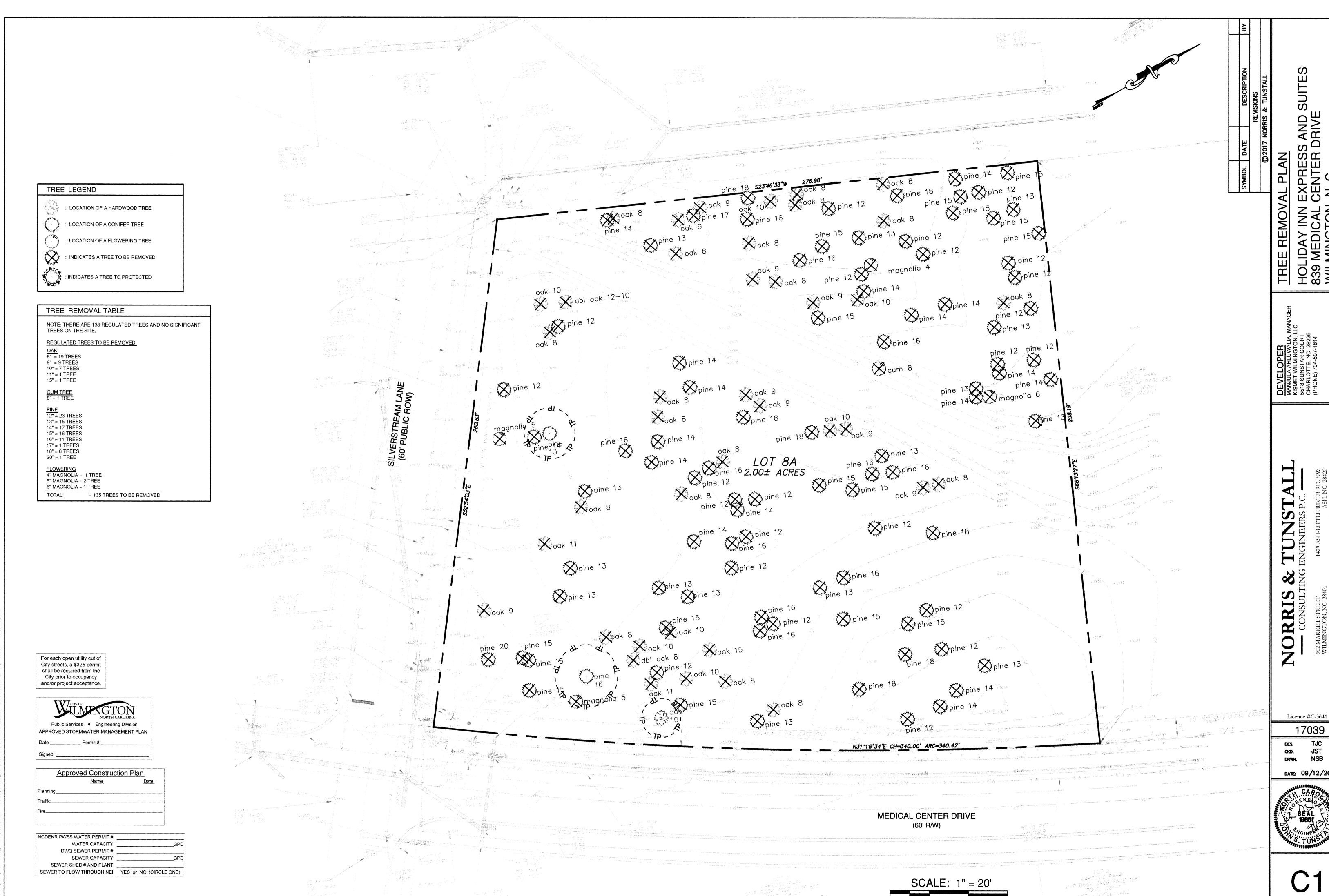
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VORRIS

Licence #C-3641 17039 TJC JST

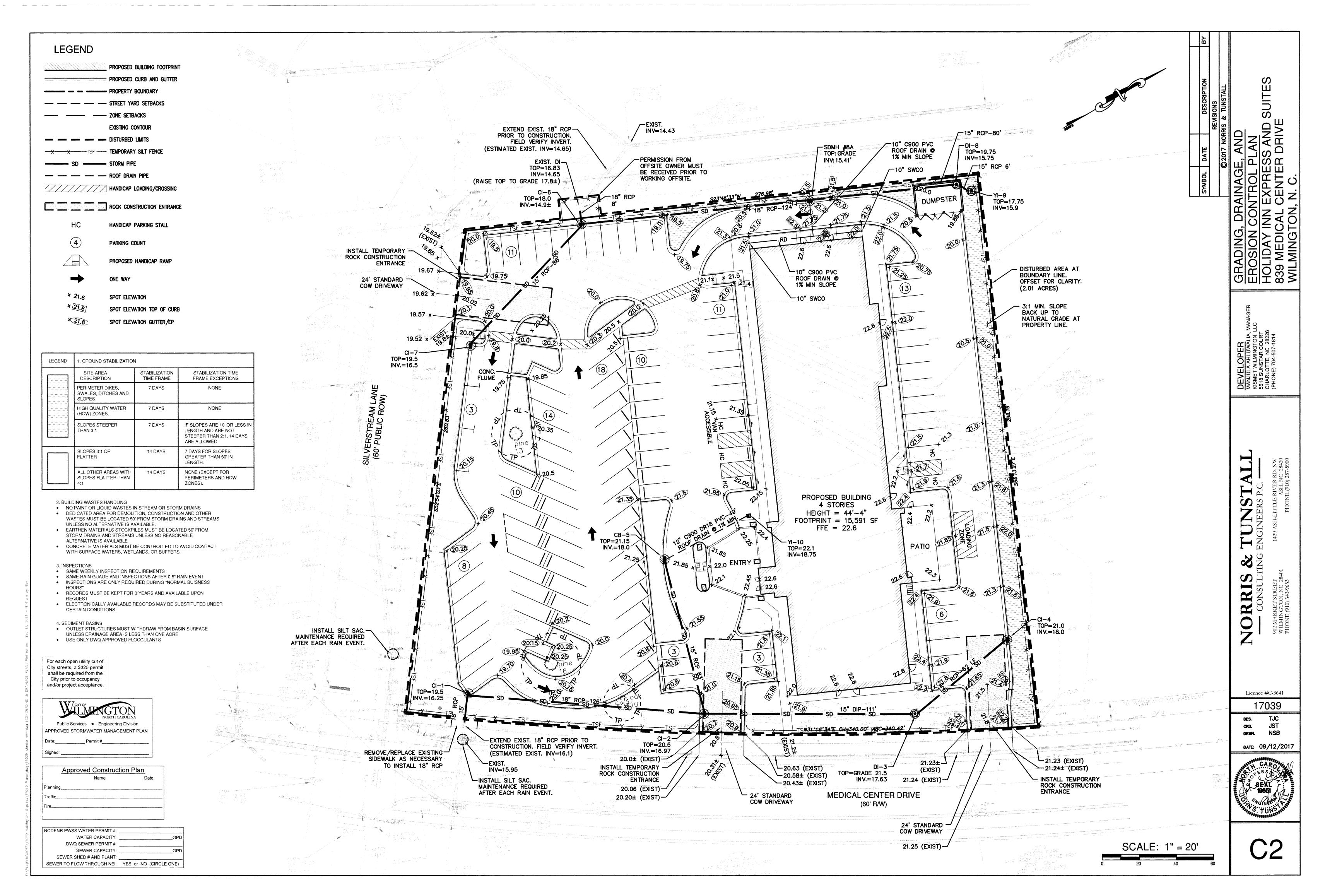
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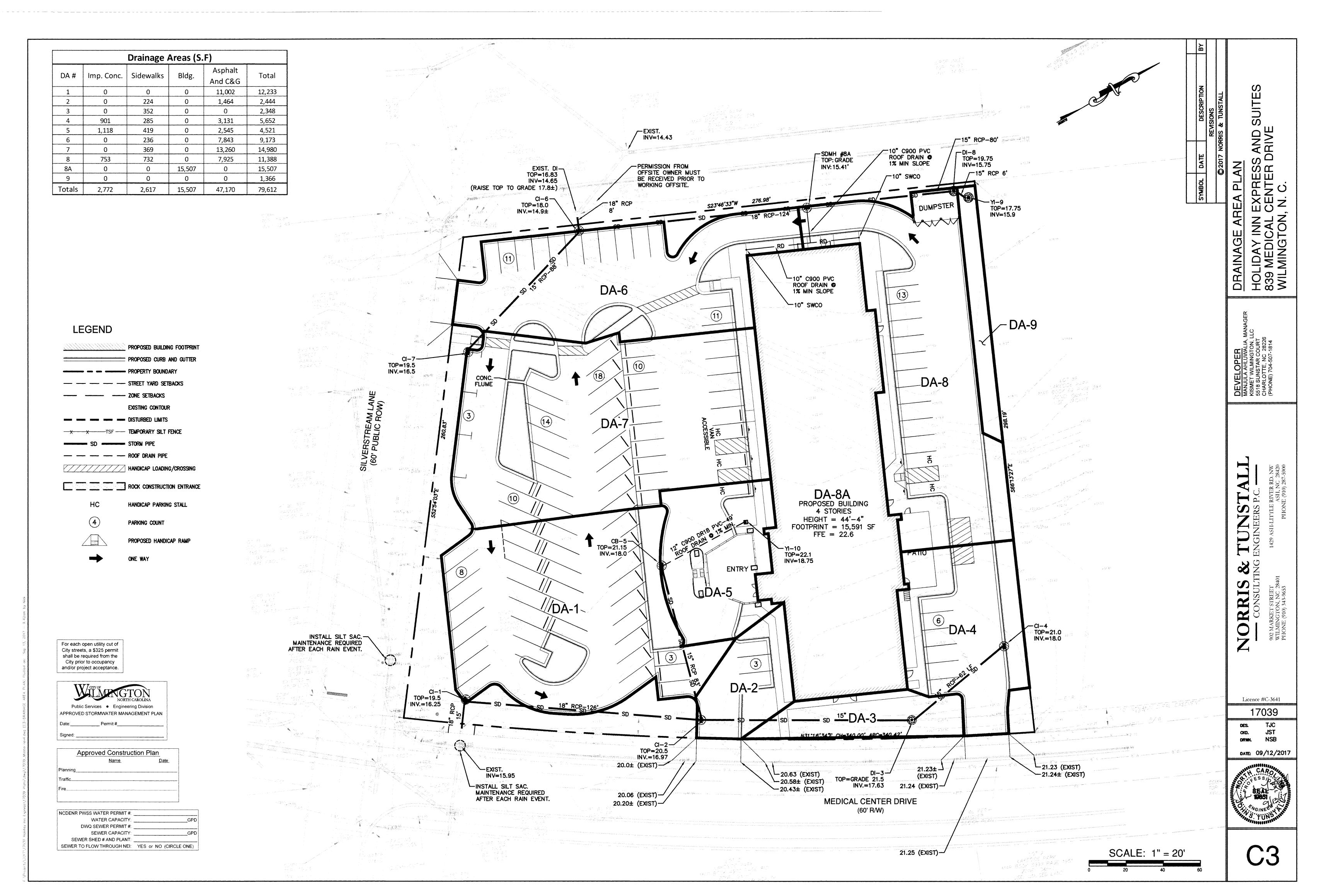


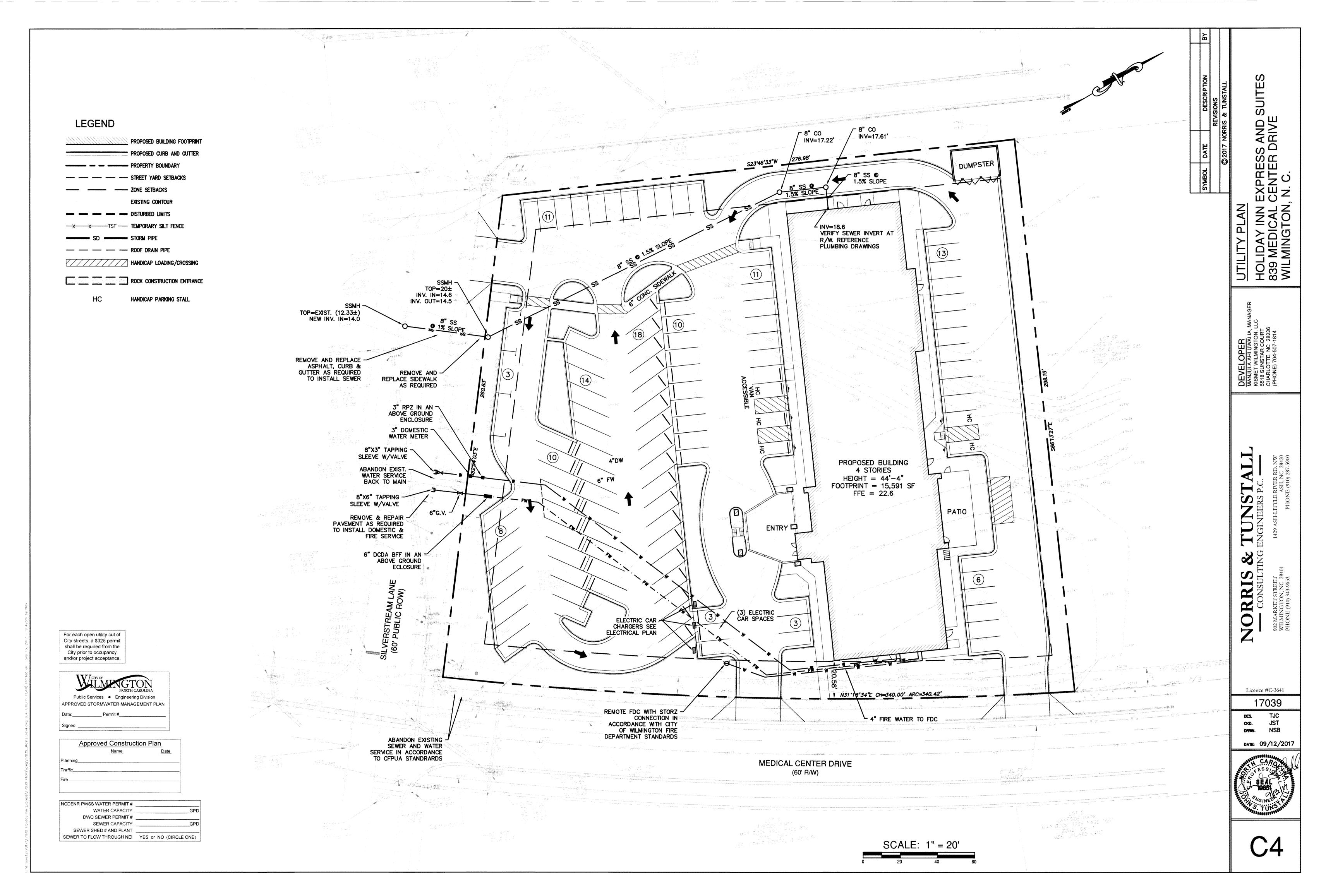


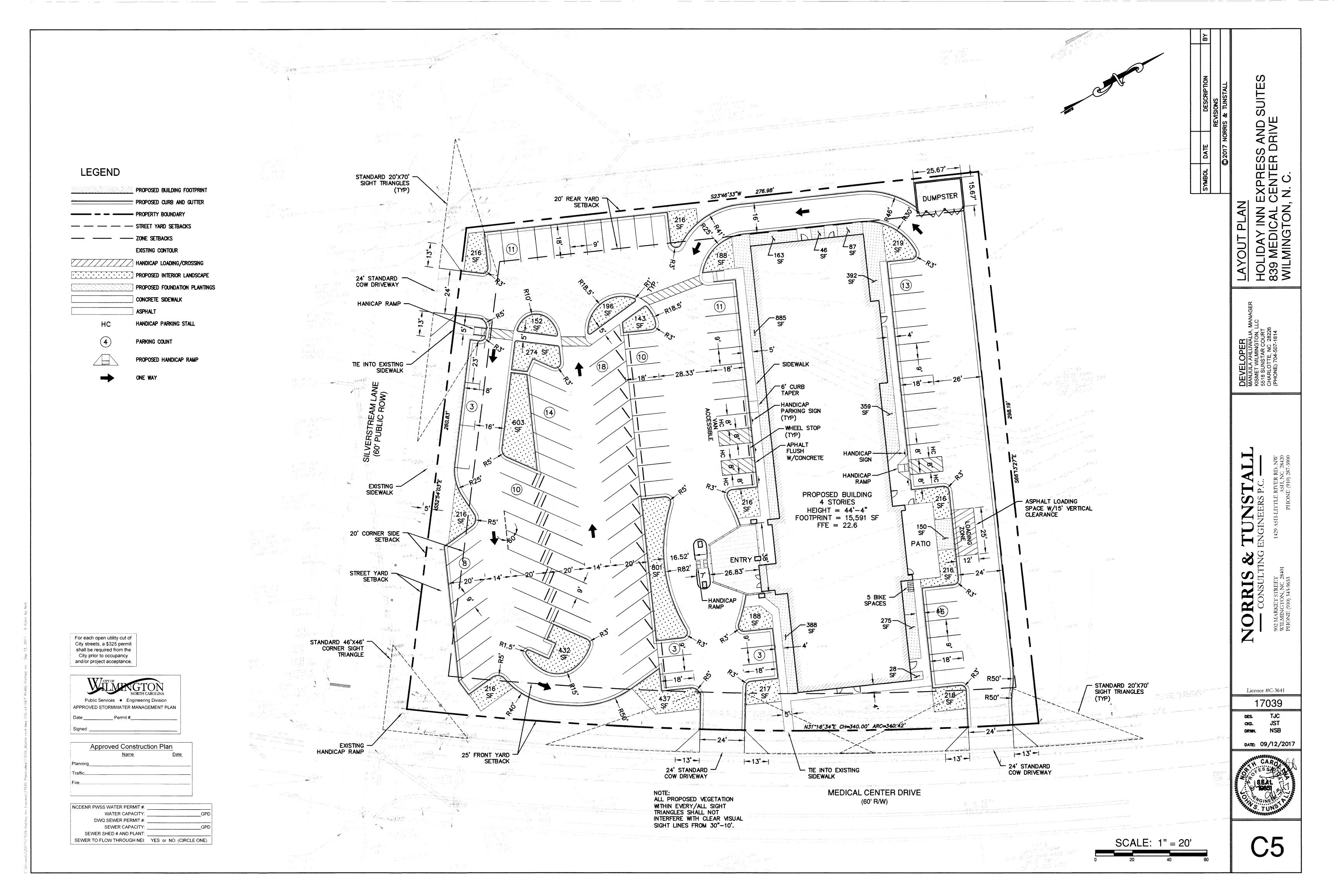
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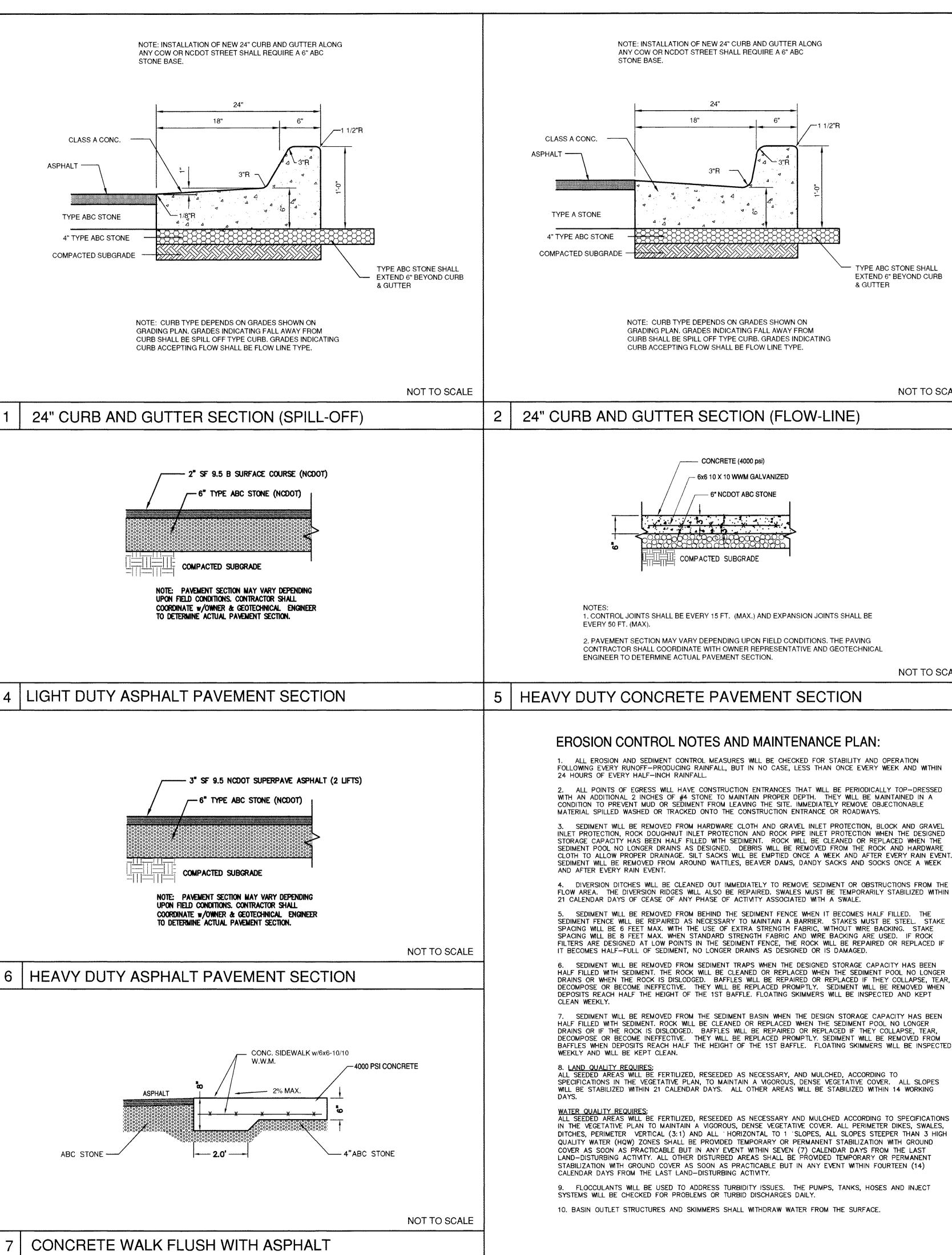


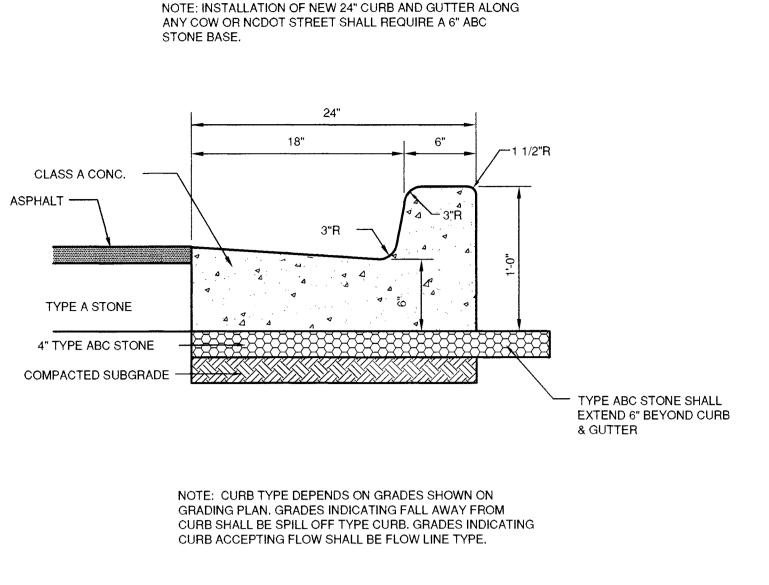












- CONCRETE (4000 psi)

COMPACTED SUBGRADE

6x6 10 X 10 WWM GALVANIZED

- 6" NCDOT ABC STONE

FILLED EXPANSION JOINT FILEES EXPANSION JOIN COMPROL JOINT FILLED EXPANSION JOINT ---SECTION AHA SECTON B-B 1. JOINT MATERIAL TO COMPLY WITH CUPRENT NODOT STANDARDS. SANITARY SEWER CLEAN-OUTS, WATER METERS, MANHOLES, AND VALVE LIDS TO BE LOCATED OUTS DE SIDEWALK WHERE FEASIBLE. 3. MINIMUM SIDEWALK WIDTH TO BE 6' MINIMUM IF PLACED AT BACK OF CURB. 4. CONCRETE FOR ALL SIDEWALKS (EXCEPT ANY PORTION CONTAIN WITHIN A DRIVEWAY 5. MINIMUM REPLACEMENT FOR REPARS 'S A 5' X 5' PANE. 6. 4" STONE BASE WAY BE REQUIRED FOR POOR SOIL CONDITIONS T. MINIMUM CEPTH FOR TUNNELING BELOW SIDEWALK IS 12"

8. MAX ADJACENT GROUND SLOPE WITHOUT RAILING IS 2:1

SLOPE S 2%. MAX LONGITUDINAL SLOPE IS 8.3%, 20% IF LIMITED BY EXISTING CONDITIONS, OR NO GREATER THAN THE SLOPE OF THE EXISTING ADJACENT ROAD.

NOT TO SCALE

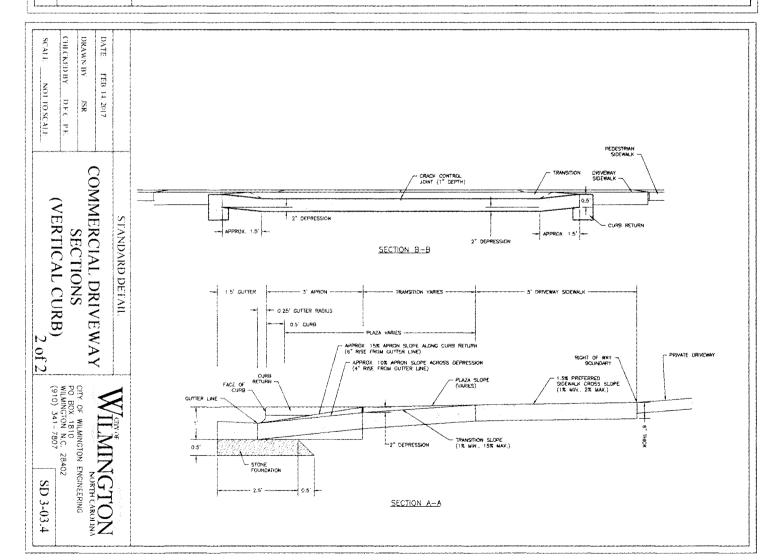
NOT TO SCALE

8. MIN GRADE FOR PROPER DRAWAGE IS 1% IN AT LEAST 1 CIRECTION. MAX CROSS

NOT TO SCALE

STANDARD SIDEWALK DETAIL

0.25' GUTTER 3' APRON BACK OF CURB --/ FACE OF CURB --/ 1.5' GUTTER GUTTER LINE -INSET CEE PRIVATE DRIVEWAY 13' FLARE ------ DRIVEWAY THROAT ----RIGHT OF WAY -CRACK CONTROL 3' MININUM EXTENSION 3' FLARE-END CURB RETURN RADIUS POINT 3.5' TRANSITION STONE DEPRESSION WILMINGTON NORTH CAROLINA 3' TO FACE OF CURB 0.25 GUTTER ADDITER FACE OF CURB FACE OF CURB POINT OF TANGENCY 3.25' TO GUTTER LINE SEE INSET NOTES: EXPANSION JOINTS: 1/2" WIDE, FULL-DEPTH, 30' MAX. SPACING CONTROL JOINTS: 1" DEPTH, 5' MAX. SPACING COMMERCIAL DRIVEWAY



For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance. APPROVED DRAINAGE PLAN SEWER SHED # AND PLANT: SEWER TO FLOW THROUGH NEI: YES or NO (CIRCLE ONE)

Approved Construction Plan Date Name NCDENR PWSS WATER PERMIT #: WATER CAPACITY: DWQ SEWER PERMIT #: SEWER CAPACITY:

CITY OF WILMINGTON STANDARD NOTES:

1. CONTACT THE NORTH CAROLINA ONE CALL CENTER PRIOR TO DOING ANY DIGGING AT 1-800-632-4949. 2. PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES AND NO CONSTRUCTION WORKERS, TOOLS, MATERIALS, OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION

3. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.

4. ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.

5. INSTALL REFLECTORS PER CITY AND NCDOT STANDARDS. TRAFFIC ENGINEERING MUST APPROVE OF PAVEMENT MARKING LAYOUT PRIOR TO ACTUAL STRIPING.

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

7. TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT

SIGNS, POSTED STREET NAMES MUST BE APPROVED PRIOR TO

MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS. 8. IT SHALL BE THE RESPONSIBILITY OF THE SUBDIMDER TO ERECT OFFICIAL STREET NAME SIGNS AT ALL INTERSECTIONS ASSOCIATED WITH THE SUBDIVISION IN ACCORDANCE WITH THE TECHNICAL STANDARDS AND SPECIFICATIONS MANUAL. THE SUBDIVIDER MAY ACQUIRE AND ERECT OFFICIAL STREET NAME SIGNS OR MAY CHOOSE TO CONTRACT WITH THE CITY TO INSTALL THE STREET SIGNS AND THE SUBDIVIDER SHALL PAY THE COST OF SUCH INSTALLATION. CONTACT TRAFFIC ENGINEERING AT 341-7888 TO DISCUSS INSTALLATION OF TRAFFIC AND STREET NAME

INSTALLATION OF STREET NAME SIGNS. 9. CONTACT TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.

10. A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. CONTACT 341-5888 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.

11. ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS, AND CURBING WILL BE REPLACED. 12. CONTACT TRAFFIC ENGINEERING AT 341-7888 TO DISCUSS STREET

LIGHTING OPTIONS. 13. PROJECT SHALL COMPLY WITH CFPUA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METER(S) CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL. CALL 343-3910 FOR INFORMATION.

SHALL APPLY IN ADVANCE FOR THIS SERVICE AND MUST PROVIDE A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTION DEVICE ON THE DEVELOPER'S SIDE OF THE WATER METER BOX. 15. ANY IRRIGATION SYSTEM SUPPLIED BY CFPUA WATER SHALL COMPLY WITH CFPUA CROSS CONNECTION CONTROL REGULATIONS. CALL

14. IF THE CONTRACTOR DESIRES CFPUA WATER FOR CONSTRUCTION HE

332-6558 FOR INFORMATION. 16. ANY BACKFLOW PREVENTION DEVICES REQUIRED BY CFPUA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES BY USCFCCCHR OR ASSE.

17. WHEN PVC WATER MAINS AND/OR POLYETHYLENE SERVICES ARE PROPOSED, THE PIPES ARE TO BE MARKED WITH NO. 10 INSULATED SINGLE STRAND COPPER WIRE INSTALLED THE ENTIRE LENGTH AND SECURED TO ALL VALVES. THIS WIRE IS TO BE ACCESSIBLE AT ALL FIRE HYDRANTS AND

18. THE NUMBER AND SPACING OF DRIVEWAYS FOR ALL INTERCONNECTED SITES WILL BE DETERMINED BY THE COMBINED FRONTAGE OF THE INTERCONNECTED PROPERTIES.

WATER METER BOXES TO AID IN FUTURE LOCATION OF FACILITIES.

19. UNDERGROUND FIRE LINE MUST BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC ROW TO THE BUILDING. CONTACT THE WILMINGTON FIRE DEPARTMENT DIVISION OF FIRE AND LIFE SAFETY AT 910-343-0696 FOR ADDITIONAL INFORMATION.

20. A LANDSCAPE PLAN INDICATING THE LOCATION OF REQUIRED STREET TREES SHALL BE SUBMITTED TO THE CITY OF WILMINGTON TRAFFIC ENGINEER DIVISION AND PARKS AND RECREATIN DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE RECORDING OF THE FINAL PLAT. 21. IF AND IRRIGATION SYSTEM IS PLANNED FOR THE SITE, UTILIZE

MOISTURE SENSORS. 22. ALL PROPOSED VEGETATION WITHIN THE SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30"-10'.

23. PLEASE CONSIDER INCORPORATING XERIC LANDSCAPING FOR ALL NEW 24. THE CONTRACTOR WILL MAINTAIN ALL-WEATHER EMERGENCY ACCESS TO CONSTRUCTION SITE AT ALL TIMES.

UTILITY NOTES FOR FIRE HYDRANTS:

1. FIRE HYDRANTS MUST BE WITHIN 150' OF THE FIRE DEPARTMENT CONNECTION.

2. THE FIRE DEPARTMENT CONNECTION MUST BE WITHIN 40' OF FIRE APPARATUS PLACEMENT.

3. LANDSCAPING AND PARKING CANNOT BLOCK OR IMPEDE THE FIRE DEPARTMENT CONNECTIONS OR FIRE HYDRANTS. A 3' CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF THE FIRE HYDRANT CONNECTION AND THE FIRE HYDRANT.

4. FIRE HYDRANTS MUST BE LOCATED WITHIN 8' OF THE CURB. 5. NEW HYDRANTS MUST BE AVAILABLE FOR USE PRIOR TO CONSTRUCTION OF THE BUILDINGS.

6. NEW HYDRANTS MUST BE BROUGHT INTO SERVICE PRIOR TO COMBUSTIBLE MATERIALS BEING DELIVERED TO THE JOB SITE.

7. THE CONTRACTOR SHALL MAINTAIN AN ALL WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION. 8. TEMPORARY STREET SIGNS SHALL BE INSTALLED AT EACH STREET

INTERSECTION WHEN CONSTRUCTION OF NEW ROADWAYS ALLOWS PASSAGE

9. UNDERGROUND FIRE LINE AND PRIVATE WATER MAINS MUST BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC RIGHT-OF-WAY TO THE BUILDING. CONTACT THE WILMINGTON FIRE DEPARTMENT DIVISION OF FIRE AND LIFE SAFETY AT 910-343-0696

FOR ADDITIONAL INFORMATION. 10. A MINIMUM OF 5' SHALL SEPARATE UNDERGROUND FIRE LINES OR PRIVATE WATER MAINS FROM OTHER UNDERGROUND UTILITIES. 11. HYDRANTS SHALL BE OF SUFFICIENT NUMBERS TO ACCOMMODATE BASE FIRE FLOW REQUIREMENTS OF THE STRUCTURE.

12. BUILDING CONSTRUCTION TYPE: VA

CALL 811 (3) WORKING DAYS BEFORE YOU DIG.

PRE HOL 839 I WILN

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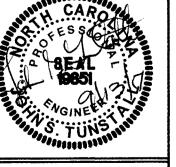
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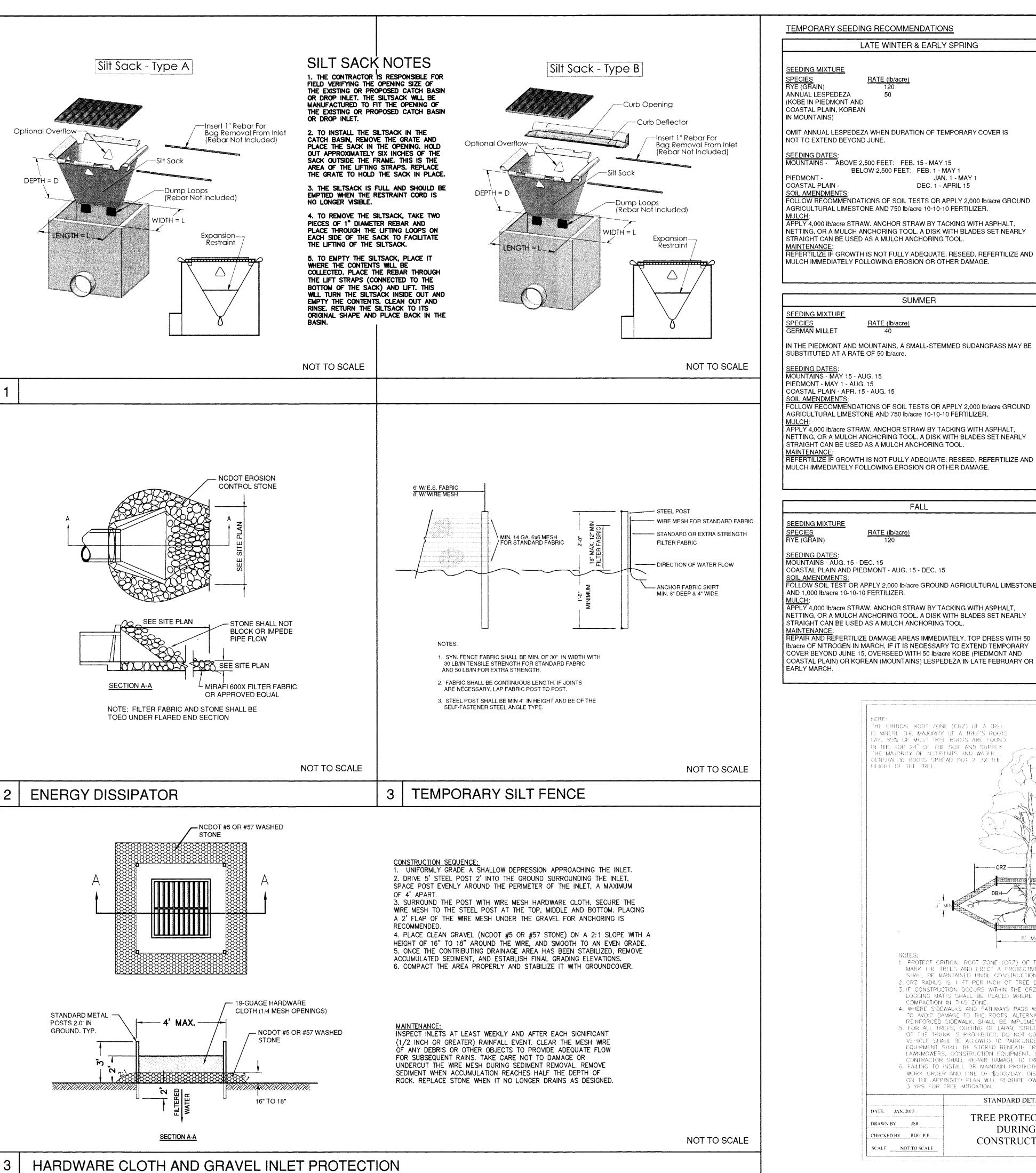
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TJC **JST**

DATE: 09/12/2017





TEMPORARY SEEDING RECOMMENDATIONS

LATE WINTER & EARLY SPRING SEEDING MIXTURE

ANNUAL LESPEDEZA (KOBE IN PIEDMONT AND COASTAL PLAIN, KOREAN

OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IS NOT TO EXTEND BEYOND JUNE.

MOUNTAINS - ABOVE 2,500 FEET: FEB. 15 - MAY 15 BELOW 2,500 FEET: FEB. 1 - MAY 1

DEC. 1 - APRIL 15 OIL AMENDMENTS OLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 lb/acre GROUND AGRICULTURAL LIMESTONE AND 750 lb/acre 10-10-10 FERTILIZER. APPLY 4,000 lb/acre STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT,

REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE, RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

SUMMER RATE (lb/acre)

IN THE PIEDMONT AND MOUNTAINS, A SMALL-STEMMED SUDANGRASS MAY BE SUBSTITUTED AT A RATE OF 50 lb/acre.

MOUNTAINS - MAY 15 - AUG. 15 PIEDMONT - MAY 1 - AUG. 15 COASTAL PLAIN - APR. 15 - AUG. 15 OIL AMENDMENTS

OLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 lb/acre GROUND AGRICULTURAL LIMESTONE AND 750 lb/acre 10-10-10 FERTILIZER.

APPLY 4,000 lb/acre STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL. REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND

MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

FALL SEEDING MIXTURE MOUNTAINS - AUG. 15 - DEC. 15 COASTAL PLAIN AND PIEDMONT - AUG. 15 - DEC. 15

OLLOW SOIL TEST OR APPLY 2,000 lb/acre GROUND AGRICULTURAL LIMESTONE AND 1,000 lb/acre 10-10-10 FERTILIZER. APPLY 4,000 lb/acre STRAW. ANCHOR STRAW BY TACKING WITH ASPHAL

NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL. REPAIR AND REFERTILIZE DAMAGE AREAS IMMEDIATELY. TOP DRESS WITH 50 Ib/acre OF NITROGEN IN MARCH, IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 lb/acre KOBE (PIEDMONT AND

SCALE NOT TO SCALE

THE CRITICAL ROOT ZONE (CRZ) OF A TREE

IS WHERE THE MAJORITY OF A TREE'S ROOTS LAY, 85% OF MOST TREE ROOTS ARE FOUND.

IN THE TOP 24" OF THE SOIL AND SUPPLY

PERMANENT SEEDING RECOMMENDATIONS

1.84 PENSACOLA BAHIAGRASS 50 1.15 SERICEA LESPEDEZA 0.69 KOBE LESPEDEZA

0.23 1. FROM SEPT. 1 THRU MAR. 1, USE UNSCARIFIED SERICEA SEED. 2. ON POORLY DRAINED SITES OMIT SERICEA AND INCREASE KOBE TO

3. WHERE A NEAT APPEARANCE IS DESIRED, OMIT SERICEA AND INCREASE KOBE TO 40 lbs/acre.

NURSE PLANTS: BETWEEN APR. 15 AND AUG. 15, ADD 10 lbs/acre GERMAN MILLET OR 15 lbs/acre SUDANGRASS. PRIOR TO MAY 1 OR AFTER AUG. 15 ADD 25 lbs/acre RYE (GRAIN).

BEST FEB 15-MAR. 20 FEB.15-APR. 30 SEPT. 1-SEPT. 30 SEPT. 1-OCT, 31

APPLY LIME AND FERTILIZE ACCORDING TO SOIL TESTS, OR APPLY 3,000-5,000 lbs/acre (68.9-114.8 lbs/1,000 sf) GROUND AGRICULTURAL LIMESTONE (USE THE LOWER RATE ON SANDY SOILS) AND 1,000 lbs/acre (22.9 lbs/1,000 sf) 10-10-10 FERTILIZER.

FALL & EARLY SPRING

MULCH:
APPLY 4,000 lb/acre (91.8 lbs/1,000 sf) GRAIN STRAW OR EQUIVALENT COVER OF ANOTHER SUITABLE MULCH. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR ROVING OR BY CRIMPING WITH A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL. **MAINTENANCE**

IF GROWTH IS LESS THAN FULLY ADEQUATE, REFERTILIZE IN THE SECOND YEAR, ACCORDING TO SOIL TESTS OR TOPDRESS WITH 500 lbs/acre (11.5 lbs/1,000 sf) 10-10-10 FERTILIZER. MOW AS NEEDED WHEN SERICEA IS OMITTED FROM THE MIXTURE. RESEED, FERTILIZE, AND MULCH DAMAGED AREAS IMMEDIATELY

LATE SPRING & EARLY SUMMER

SEEDING MIXTURE <u>SPECIES</u>
PENSACOLA BAHIAGRASS 5 1.15 SERICEA LESPEDEZA 0.69

COMMON BERMUDA 0.23 GERMAN MILLET 0.23

1. WHERE A NEAT APPEARANCE IS DESIRED, OMIT SERICEA. 2. USE COMMON BERMUDAGRASS ONLY ON ISOLATED SITES WHERE IT CANNOT BECOME A PEST, BERMUDAGRASS MAY BE REPLACED WITH 5 lbs/acre CENTIPEDEGRASS.

SEEDING DATES

CROWN OF THE TREE IS NEEDED FOR LEAF

THE AIR, REDUCE WIND AND SOFTEN NOISE.

GROWTH TO PRODUCE OXYGEN, FILTER

DO NOT DISFIGURE CROWN WITH

SOIL AMENDMENTS:
APPLY LIME AND FERTILIZE ACCORDING TO SOIL TESTS, OR APPLY 3,000 lbs/acre (68.9) lbs/1,000 sf) GROUND AGRICULTURAL LIMESTONE AND 500 lbs/acre (11.5 lbs/1,000 sf) 10-10-10 FERTILIZER.

APPLY 4,000 lb/acre (91.8 lbs/1,000 sf) GRAIN STRAW OR EQUIVALENT COVER OF ANOTHER SUITABLE MULCH. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR ROVING OR BY CRIMPING WITH A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

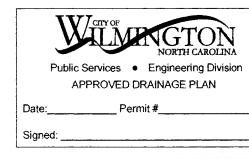
REFERTILIZE THE FOLLOWING APRIL WITH 50 lbs/acre (1.15 lbs/1,000 sf) NITROGEN. REPEAT AS GROWTH REQUIRES. MAY BE MOWED ONLY ONCE A YEAR. WHERE A NEAT APPEARANCE IS DESIRED, OMIT SERICEA AND MOW AS OFTEN AS NEEDED.

CALL 811 (3) WORKING DAYS BEFORE YOU DIG

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Approved Construction Plan

NCDENR PWSS WATER PERMIT # WATER CAPACITY: DWQ SEWER PERMIT #: SEWER CAPACITY: SEWER SHED # AND PLANT: SEWER TO FLOW THROUGH NEI: YES or NO (CIRCLE ONE)

8 MAX.

JUJUTREE PROTECTION AREA 📖

ORANGE, UV RESISTANT HIGH - TENSILE STRENGTH

FRONT VIEW

TREE PROTECTION AREA

ONA PROTECTORA PARA!

LOS ARBOLES

STANDARD DETAIL

TREE PROTECTION

CONSTRUCTION

PROHIBIDO ENTRAR

WARNING SIGN DETAIL

POLY BARRICADE FABRIC (TYPICAL)

WILMINGTON NORTH CAROLINA

CITY OF WILMINGTON ENGINEERING

PO BOX 1810

WILMINGTON, NC 28402 (910) 341-7807

LOS ARBOLES
PROHIBIDO ENTRAR

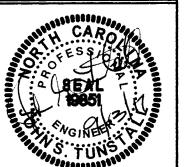
VARIABLE AS DIRECTED BY THE ENGINEER PLASHIC OR WIRE TIES

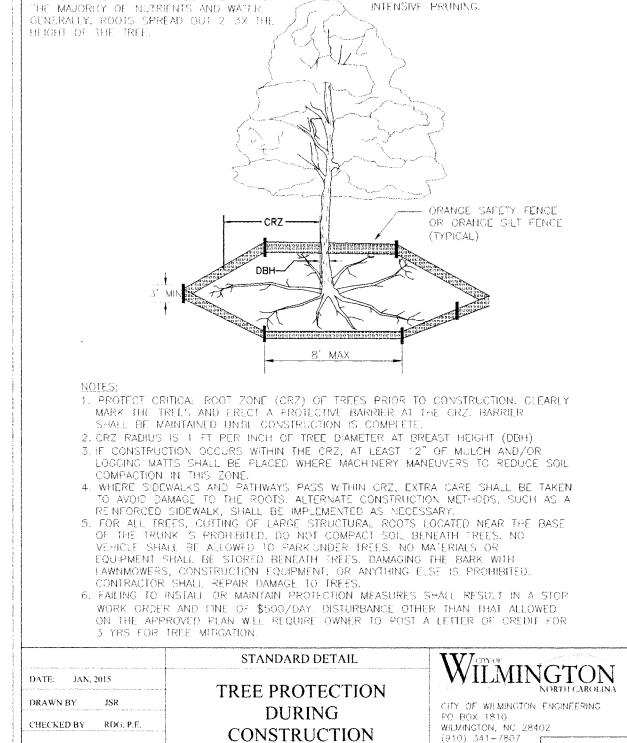
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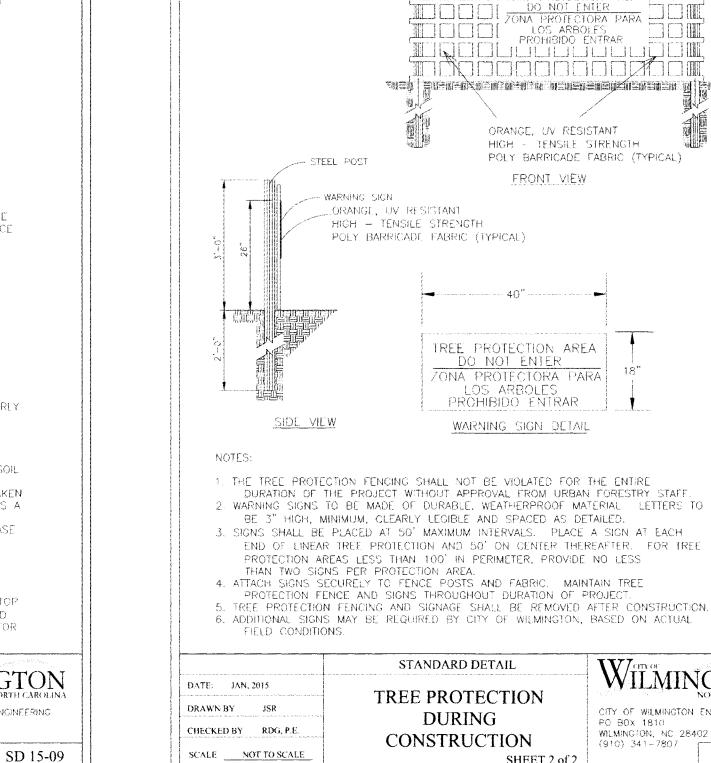
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17039 TJC **JST** CKD. NSB

DATE: 09/12/2017







- STEEL POST

- WARNING SIGN

LORANGE, UV RESISTANT HIGH - TENSILE STRENGTH

POLY BARRICADE FABRIC (TYPICAL)

