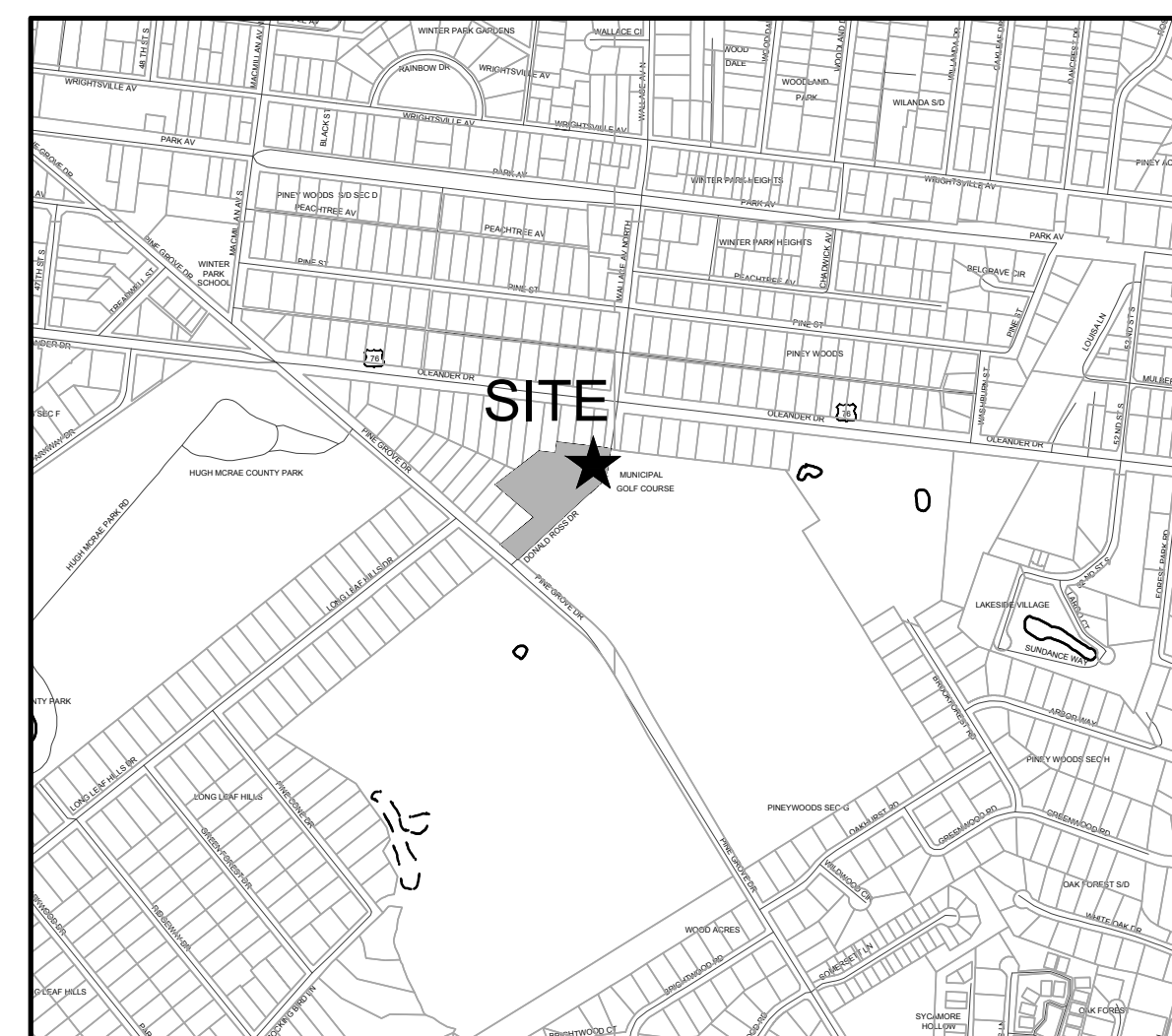


WILMINGTON MUNICIPAL GOLF COURSE

PRO SHOP & MAINTENANCE BUILDING IMPROVEMENTS

DESIGN DOCUMENTS

PROJECT ADDRESS:
311 DONALD ROSS DRIVE
WILMINGTON, NC 28409



VICINITY MAP

SCALE: 1"=1000'



SOILS MAP

SCALE: 1"=500'

NOTICE REQUIRED

ALL EXISTING UNDERGROUND UTILITIES SHALL BE PHYSICALLY LOCATED PRIOR TO THE BEGINNING OF ANY CONSTRUCTION IN THE VICINITY OF SAID UTILITIES.

CONTRACTORS SHALL NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND UTILITY LINES IN THE AREA OF PROPOSED EXCAVATION AT LEAST TWO WORKING DAYS, BUT NOT MORE THAN TEN WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION.

CONTRACTORS SHALL CONTACT OVERHEAD ELECTRIC PROVIDER TO COMPLY WITH FEDERAL OSHA 1910.333 MINIMUM APPROACH DISTANCE TO ENERGIZED POWERLINES AND OSH 29 CFR 1926.1407-1411 MUST BE FOLLOWED.

CONTRACTOR SHALL CONTACT AT&T PRIOR TO ANY DEMOLITION TO ALLOW FOR AT&T TO DISCONNECT COMMUNICATIONS CABLES COMING INTO THE SITE.

CONTACT THESE UTILITIES

CITY OF WILMINGTON PLANNING & DEVELOPMENT
ATTN: MEGAN CROWE, PLANNER
PH: 910-341-3257
ATTN: ZONING INSPECTIONS
PH: 910-254-0900

PIEDMONT NATURAL GAS
ATTN: CATHY PLEASANT
PH: 910-251-2927

EMERGENCY DIAL 911
POLICE - FIRE - RESCUE
ATTN: CITY OF WILMINGTON FIRE & LIFE SAFETY
PH: 910-343-0896

CAPE FEAR PUBLIC UTILITY AUTHORITY (WATER & SEWER)
ENGINEERING/INSPECTIONS
PH: 910-332-6560

OPERATIONS/MAINTENANCE
PH: 910-322-6550

DUKE ENERGY
DISTRIBUTION CONSTRUCTION SERVICE
DEP CSC PH: 1-800-452-2777

TRANSMISSION AGENT
BILL WILDER
PH: 910-772-4903

AT&T/BELL SOUTH
ATTN: STEVE DAYVAULT (BUILDING ENGINEERING)
PH: 910-341-0741

ATTN: JAMES BATSON, ENGINEERING
PH: 910-341-1621

SPECTRUM
GENERAL PH: 800-892-4357

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 Construction Plan	
Name _____	Date _____
Planning _____	
Traffic _____	
Fire _____	
Signed: _____	

City of WILMINGTON NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____

OWNER:
CITY OF WILMINGTON
305 CHESTNUT STREET
WILMINGTON, NORTH CAROLINA 28402

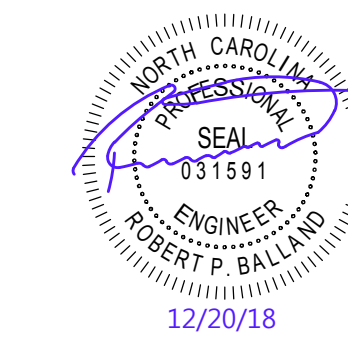
ARCHITECT:
SAWYER, SHERWOOD & ASSOCIATES ARCHITECTURE
124 MARKET STREET
WILMINGTON, NORTH CAROLINA 28403
ATTN: JOHN SAWYER (910) 762-0892

ENGINEER (CIVIL) & LANDSCAPE ARCHITECT:
PARAMOUNTE ENGINEERING, INC.
122 CINEMA DRIVE
WILMINGTON, NORTH CAROLINA 28403
ATTN: ROB BALLAND, P.E. (910) 791-6707

LAND SURVEYOR
DANFORD & ASSOCIATES LAND SURVEYING
108 S. KERR AVE
WILMINGTON, NORTH CAROLINA 28403
ATTN: DEREK DANFORD, P.L.S.

SHEET INDEX

SHEET NUMBER	SHEET TITLE
C-0.0	COVER SHEET
C-1.0	GENERAL NOTES
C-2.0 & C-2.1	SITE INVENTORY & DEMOLITION PLANS
C-2.2	SITE & UTILITY PLAN
C-3.0	GRADING-DRAINAGE-EC PLAN
C-4.0 & C-4.1	DETAILS
L-1.0	LANDSCAPE PLAN



PREPARED BY:

PARAMOUNTE
ENGINEERING, INC.

122 Cinema Drive
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846
PROJECT # 18152.PE

COORDINATION NOTES:

- 1. THE CONTRACTOR IS REQUIRED TO OBTAIN ANY/ALL PERMITS REQUIRED FOR CONSTRUCTION OF THESE PLANS.
2. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND WITH THE CITY OF WILMINGTON, NEW HANOVER COUNTY, CAPE FEAR PUBLIC UTILITY AUTHORITY (CFPUA), AND THE STATE OF NORTH CAROLINA.
3. THE CONTRACTOR IS TO ESTABLISH AND CHECK ALL HORIZONTAL AND VERTICAL CONTROLS TO BE USED WITH THE PROJECT.
4. ANYTIME WORK IS PERFORMED OFF-SITE OR WITHIN AN EXISTING EASEMENT, THE CONTRACTOR IS TO NOTIFY THE HOLDER OF SAID EASEMENT AS TO THE NATURE OF PROPOSED WORK, AND TO FOLLOW ANY GUIDELINES OR STANDARDS WHICH ARE ASSOCIATED WITH OR REFERENCED IN THE RECORDED EASEMENT.
5. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS BY OTHERS FOR ALL BUILDING DIMENSIONS AND DETAILS.

GENERAL NOTES:

- 1. BOUNDARY AND EXISTING CONDITIONS, TREE INVENTORY, TOPOGRAPHIC SURVEY COMPLETED BY DANFORD & ASSOCIATES LAND SURVEYING, P.C. THE SURVEY SHALL BE FIELD VERIFIED BY CONTRACTOR AND ANY DISCREPANCIES REPORTED TO THE OWNER AND ENGINEER.
2. REASONABLE CARE HAS BEEN EXERCISED IN SHOWING THE LOCATION OF EXISTING UTILITIES ON THE PLANS. THE EXACT LOCATION OF ALL EXISTING UTILITIES IS NOT KNOWN IN ALL CASES. THE CONTRACTOR SHALL EXPLORE THE AREA AHEAD OF DITCHING OPERATIONS BY OBSERVATIONS, ELECTRONIC DEVICES, HAND DIGGING AND BY PERSONAL CONTACT WITH THE UTILITY COMPANIES.
3. CONTRACTOR SHALL COMPLY WITH THE LATEST REVISIONS AND INTERPRETATIONS OF THE DEPARTMENT OF LABOR SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION PROMULGATED UNDER THE OCCUPATIONAL SAFETY AND HEALTH ACT.
4. CONTRACTOR SHALL PLAN AND CONSTRUCT WORK SO AS TO CAUSE MINIMUM INCONVENIENCE TO THE OWNER AND THE PUBLIC.
5. ALL MATERIAL CLEARED OR DEMOLISHED BY THE CONTRACTOR IN ORDER TO CONSTRUCT THE WORK SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF OFF-SITE.
6. ALL WORK BY THE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR AFTER THE OWNER ACCEPTS THE WORK.
7. CONTRACTOR SHALL CALL THE NORTH CAROLINA ONE-CALL CENTER AT 811 AND ALLOW THE CENTER TO LOCATE EXISTING UTILITIES BEFORE DIGGING.
8. ANY DISCREPANCY IN THIS PLAN AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER PRIOR TO START OF CONSTRUCTION.
9. CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.
10. ACCESS TO UTILITIES, FIRE HYDRANTS, STREET LIGHTING, ETC., SHALL REMAIN UNDISTURBED, UNLESS COORDINATED WITH THE RESPECTIVE UTILITY.
11. DO NOT SCALE THIS DRAWING AS IT IS A REPRODUCTION AND SUBJECT TO DISTORTION.
12. THE GENERAL CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT AND AT LEAST ONCE A WEEK DURING CONSTRUCTION.
13. THE GENERAL CONTRACTOR SHALL KEEP THE AREA OUTSIDE THE 'CONSTRUCTION LIMITS' BROOM CLEAN AT ALL TIMES.
14. ALL STREET SURFACES, DRIVEWAYS, CULVERTS, CURBS AND GUTTERS, ROADSIDE DRAINAGE DITCHES AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.
15. CONTRACTOR SHALL MAINTAIN AN 'AS-BUILT' SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO CONCEALMENT.
16. IF DEPARTURES FROM THE SPECIFICATIONS OR DRAWINGS ARE DEEMED NECESSARY BY THE CONTRACTOR, DETAILS OF SUCH DEPARTURES AND REASONS THEREOF SHALL BE GIVEN TO THE OWNER FOR REVIEW.
17. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES.
18. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSPECTIONS, CERTIFICATIONS, EQUIPMENT, ETC., THAT MAY BE REQUIRED.
19. THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
20. ALL LOT STRIPING AND DIRECTIONAL ARROWS TO BE REFLECTIVE MARKINGS AND SHALL CONFORM TO MUTCD.
21. LANDSCAPE PLANTINGS AT ENTRANCE/EXITS WILL BE INSTALLED AND MAINTAINED SO AS NOT TO INTERFERE WITH SIGHT DISTANCE NEEDS OF DRIVERS IN THE PARKING AREA AND AT ENTRANCE/EXIT LOCATIONS PER LOCAL STANDARDS.
22. ALL DIMENSIONS AND RADI ARE TO OUTSIDE FACE OF BUILDING OR TO FACE OF CURB UNLESS OTHERWISE NOTED.

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

- 1. THE EROSION CONTROL PLAN SHALL INCLUDE PROVISIONS FOR GROUND COVER ON ALL EXPOSED PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 2:1 WITHIN 7 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY.
2. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE NORTH CAROLINA EROSION AND SEDIMENT CONTROL HANDBOOK.
3. THE CONTRACTOR SHALL NOTIFY PLAN APPROVING AUTHORITY ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO CLEARING AND/OR LAND DISTURBANCE.
5. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN AND PERMIT SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
6. PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO OFF-SITE BORROW OR WASTE AREAS STAGING OR STORAGE AREAS), THE CONTRACTOR SHALL PREPARE AND SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND TO NEW HANOVER COUNTY FOR APPROVAL.
7. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY EITHER THE REVIEWING AGENCY OR THE ENGINEER.
8. ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.
9. ALL AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE IMPROVED SHALL BE SOODED OR SEEDED AS INDICATED AND STABILIZED.
10. DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE PRIOR TO DISCHARGE TO RECEIVING OUTLET.
11. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RAINFALL EVENT.
12. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED BY CONTRACTOR ONCE STABILIZATION OR A SUFFICIENT GROUND COVER HAS BEEN ESTABLISHED OR AS DIRECTED BY THE ENGINEER.
13. TEMPORARY GRAVEL CONSTRUCTION ENTRANCE SHALL BE REQUIRED AT ALL CONSTRUCTION STAGING AREA ENTRANCES AND ALL CONSTRUCTION ACCESS LOCATIONS INTO NON-PAVED AREA.
14. WHEN CROSSING CREEK OR DRAINAGE-WAY, THE DIVISION OF WATER QUALITY SHALL BE CONTACTED PRIOR TO DISTURBING A CREEK.
15. ALL MATERIAL CLEARED OR DEMOLISHED BY THE CONTRACTOR IN ORDER TO CONSTRUCT THE WORK SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF OFF-SITE.
16. ALL WORK BY THE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR AFTER THE OWNER ACCEPTS THE WORK.
17. CONTRACTOR SHALL CALL THE NORTH CAROLINA ONE-CALL CENTER AT 811 AND ALLOW THE CENTER TO LOCATE EXISTING UTILITIES BEFORE DIGGING.
18. ANY DISCREPANCY IN THIS PLAN AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER PRIOR TO START OF CONSTRUCTION.
19. CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.
20. ACCESS TO UTILITIES, FIRE HYDRANTS, STREET LIGHTING, ETC., SHALL REMAIN UNDISTURBED, UNLESS COORDINATED WITH THE RESPECTIVE UTILITY.
21. DO NOT SCALE THIS DRAWING AS IT IS A REPRODUCTION AND SUBJECT TO DISTORTION.
22. THE GENERAL CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT AND AT LEAST ONCE A WEEK DURING CONSTRUCTION.
23. THE GENERAL CONTRACTOR SHALL KEEP THE AREA OUTSIDE THE 'CONSTRUCTION LIMITS' BROOM CLEAN AT ALL TIMES.
24. ALL STREET SURFACES, DRIVEWAYS, CULVERTS, CURBS AND GUTTERS, ROADSIDE DRAINAGE DITCHES AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.
25. CONTRACTOR SHALL MAINTAIN AN 'AS-BUILT' SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO CONCEALMENT.
26. IF DEPARTURES FROM THE SPECIFICATIONS OR DRAWINGS ARE DEEMED NECESSARY BY THE CONTRACTOR, DETAILS OF SUCH DEPARTURES AND REASONS THEREOF SHALL BE GIVEN TO THE OWNER FOR REVIEW.
27. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES.
28. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSPECTIONS, CERTIFICATIONS, EQUIPMENT, ETC., THAT MAY BE REQUIRED.
29. THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
30. ALL LOT STRIPING AND DIRECTIONAL ARROWS TO BE REFLECTIVE MARKINGS AND SHALL CONFORM TO MUTCD.
31. LANDSCAPE PLANTINGS AT ENTRANCE/EXITS WILL BE INSTALLED AND MAINTAINED SO AS NOT TO INTERFERE WITH SIGHT DISTANCE NEEDS OF DRIVERS IN THE PARKING AREA AND AT ENTRANCE/EXIT LOCATIONS PER LOCAL STANDARDS.
32. ALL DIMENSIONS AND RADI ARE TO OUTSIDE FACE OF BUILDING OR TO FACE OF CURB UNLESS OTHERWISE NOTED.

DEMOLITION NOTES:

- 1. CONTRACTOR TO COORDINATE WITH THE OWNER TO PROPERLY MAINTAIN OR RELOCATE EXISTING SERVICE CONNECTIONS WHEN NECESSARY.
2. CONTRACTOR IS TO WALK THE SITE AND BECOME FAMILIAR WITH THE SCOPE OF DEMOLITION REQUIRED.
3. DEMOLITION SHALL INCLUDE BUT IS NOT LIMITED TO THE EXCAVATION, HAULING AND OFFSITE DISPOSAL OF CONCRETE PADS, CONCRETE DITCHES, FOUNDATIONS, SLABS, STEPS, AND STRUCTURES.
4. THE CONTRACTOR SHALL PROTECT ALL ADJACENT PROPERTY, STRUCTURES AND UTILITIES ON THE PROPERTY NOT TO BE DEMOLISHED.
5. ELECTRIC, TELEPHONE, SANITARY SEWER, WATER AND STORM SEWER UTILITIES THAT SERVICE OFF-SITE PROPERTIES SHALL BE MAINTAINED DURING THE CONSTRUCTION PROCESS BY THE CONTRACTOR.
6. THE CONTRACTOR SHALL PRODUCE A PHOTOGRAPHIC RECORD (DIGITAL) OF DEVELOPMENT COMMENCING WITH A RECORD OF THE SITE AS IT APPEARS BEFORE DEMOLITION HAS BEGUN.
7. EXISTING CURB AND GUTTER, LIGHTS, SIDEWALK AND UTILITIES NOT INTENDED FOR DEMOLITION SHALL BE MAINTAINED, PROTECTED AND UNDISTURBED DURING DEMOLITION.
8. ALL EXISTING IMPROVEMENTS INDICATED OR REQUIRED TO BE DEMOLISHED SHALL INCLUDE REMOVAL FROM THE PROPERTY AND PROPER DISPOSAL.
9. CONTRACTOR SHALL COORDINATE RELOCATION OF ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES INCLUDING CABLE, GAS, TELEPHONE AND ELECTRIC AND ANY OTHER UTILITIES THROUGH THE SITE WITH THE RESPECTIVE COMPANIES.
10. CONTRACTOR SHALL MAINTAIN REQUIRED DISTANCES FROM HIGH VOLTAGE OVERHEAD LINES AND REMOVE TREES SO THEY DO NOT FALL TOWARDS OVERHEAD ELECTRICITY.
11. PROVIDE SMOOTH SAW CUT OF EXISTING PAVEMENTS, CURBS AND GUTTERS AND SIDEWALKS TO BE DEMOLISHED.
12. ALL DEMOLITION WORK SHALL BE DONE IN STRICT ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS AS WELL AS OSHA REGULATIONS.
13. EXISTING FIRE HYDRANTS ON OR NEAR THE SITE ARE TO REMAIN IN SERVICE.
14. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATIONS.

TRAFFIC NOTES:

- 1. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY & FOR DRIVEWAY(S) ARE TO BE THERMOPLASTIC & MEET CITY OF WILMINGTON AND/OR NCDOT STANDARDS.
2. TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
3. ALL TRAFFIC CONTROL SIGNS AND MARKINGS NOT WITHIN THE PUBLIC RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
4. ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
5. ANY OPEN CUTTING OF A CITY STREET REQUIRES A UTILITY CUT PERMIT.
6. CONTACT TRAFFIC ENGINEERING, AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNAL FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
7. ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND/OR CURBING SHALL BE REPLACED.
8. TACTILE WARNING MATS TO BE INSTALLED AT ALL WHEELCHAIR RAMPS.

EROSION CONTROL AND SEQUENCE OF CONSTRUCTION NOTES:

- NOTE: THESE EROSION CONTROL AND SEQUENCE OF CONSTRUCTION NOTES ARE INTENDED FOR EACH PHASE OF CONSTRUCTION.
1. CONSTRUCT TEMPORARY GRAVEL CONSTRUCTION ENTRANCE(S), ESTABLISH THE LIMITS OF DISTURBANCE, TREE PROTECTION FENCING, AND TEMPORARY SILT FENCE.
2. CLEAR AND REMOVE FROM SITE TREES AS DESIGNATED, ROOTS, ROOT MAT, ETC. FROM THE AREA WITHIN THE DESIGNATED CLEARING LIMITS.
3. INSTALL REMAINING EROSION CONTROL MEASURES AS SHOWN ON THE PLANS WITHIN THE AREA DISTURBED.
4. PLANT GRASS OVER ALL GRADED AREAS WITHIN 14 WORKING DAYS OF CEASE OF ANY GRADING ACTIVITY.
5. IMMEDIATELY UPON THE INSTALLATION OF ANY STORM DRAINAGE CATCH BASIN, DROP INLET, ETC., THE CONTRACTOR SHALL INSTALL INLET PROTECTION TO PREVENT SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND RESTORING TO PRE-CONSTRUCTION CONDITIONS ANY AREAS OUTSIDE THE PROJECT LIMITS THAT MAY INADVERTENTLY BE DAMAGED DUE TO THE FAILURE OF THE EROSION CONTROL MEASURES.
7. DURING GRADING AND AFTER GRADING HAS BEEN COMPLETE, THE CONTRACTOR SHALL CONTINUE TO MAINTAIN PERMANENT AND TEMPORARY EROSION CONTROL MEASURES UNTIL FINAL APPROVAL BY ENGINEER OR EROSION CONTROL INSPECTOR.
8. UPON RECEIVING FINAL APPROVAL, THE CONTRACTOR CAN REMOVE TEMPORARY EROSION CONTROL MEASURES.
9. THE CONTRACTOR SHALL CONTINUE TO WATER, FERTILIZE, MOW AND MAINTAIN GRASS & PLANTED AREAS UNTIL ALL CONSTRUCTION IS COMPLETE.

EROSION CONTROL MAINTENANCE PLAN:

- 1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RAINFALL PRODUCING RAINFALL BUT IN NO CASES LESS THAN ONCE EVERY WEEK.
2. ALL CONSTRUCTION ENTRANCES WILL BE PERIODICALLY TOP DRESSED WITH AN ADDITIONAL 2 INCHES OF #4 STONE TO MAINTAIN PROPER DEPTH.
3. SEDIMENT WILL BE REMOVED BEHIND THE SEDIMENT FENCE WHEN IT BECOMES 0.5 FEET DEEP AT THE FENCE.
4. ALL SEEDED AREAS WILL BE FERTILIZED, RESEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
5. INLET PROTECTION - INSPECT WIRE AND ROCK INLET PROTECTION AT LEAST ONCE A WEEK AND AFTER EACH SIGNIFICANT (4 INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY.
6. SEDIMENT BASIN/SEDIMENT TRAPS - REMOVE SEDIMENT AND RESTORE THE BASIN TO ITS ORIGINAL DIMENSIONS WHEN IT ACCUMULATES TO WITHIN ONE HALF OF THE DESIGN DEPTH.
7. SKIMMER - INSPECT SKIMMER AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL TO MAKE SURE THAT THE INTAKE MECHANISM, ORIFICE, OR DISCHARGE PIPE IS NOT CLOGGED WITH TRASH OR SEDIMENT.
8. OUTLET PROTECTION - INSPECT RIP RAP OUTLET STRUCTURES WEEKLY AND AFTER SIGNIFICANT (4 INCH OR GREATER) RAINFALL EVENTS TO SEE IF ANY EROSION AROUND OR BELOW THE RIP RAP HAS TAKEN PLACE.
9. EMERGENCY SPILLWAY / FOREBAY PROTECTION - AFTER EVERY HIGH-WATER EVENT INSPECT THE INTEGRITY OF THE LINER SPILLWAY AND THE ADJACENT EARTHEN BANKS.
10. TEMPORARY DIVERSION DITCH - INSPECT TEMPORARY DIVERSIONS ONCE A WEEK AND AFTER EVERY RAINFALL.
11. ANY PART OF AN ACCESSIBLE ROUTE WITH A RUNNING SLOPE GREATER THAN 5% SHALL BE CONSIDERED A RAMP.
12. THE MAXIMUM RUNNING SLOPE FOR A RAMP SHALL BE 8.33% AND THE MAXIMUM CROSS SLOPE SHALL BE 2.0%.
13. THE CLEAR WIDTH OF AN EXTERIOR RAMP RUN SHALL BE FORTY EIGHT INCHES (NC BUILDING CODE 1104.1), WHERE HANDRAILS ARE PROVIDED ON THE RAMP RUN, THE CLEAR WIDTH SHALL BE MEASURED BETWEEN THE HANDRAILS.
14. THE RISE FOR ANY RAMP RUN SHALL BE THIRTY (30) INCHES MAXIMUM.
15. LANDINGS SHALL BE PROVIDED AT THE TOP AND BOTTOM OF RAMPS.
16. RAMP RUNS WITH A RISE GREATER THAN SIX (6) INCHES SHALL HAVE HANDRAILS ON BOTH SIDES.
17. FLOOR SURFACES OF RAMPS AND LANDINGS SHALL BE STABLE, FIRM AND SLIP RESISTANT.
18. EDGE PROTECTION COMPLYING WITH AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NC BUILDING CODE/ANSI A117.1, AND APPLICABLE LOCAL LAWS & REGULATIONS SHALL BE PROVIDED ON EACH SIDE OF RAMP RUNS AND ON EACH SIDE OF RAMP LANDINGS.
19. WHERE DOORWAYS ARE LOCATED ADJACENT TO A RAMP LANDING, MANEUVERING CLEARANCES REQUIRED BY THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NC BUILDING CODE/ANSI A117.1 SHALL BE PERMITTED TO OVERLAP THE REQUIRED LANDING AREA.
20. CURB RAMP NOTES:
21. THE MAXIMUM RUNNING SLOPE OF A CURB RAMP SHALL BE 8.33% AND THE MAXIMUM CROSS SLOPE SHALL BE 2.0%.
22. COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE CURB RAMP SHALL NOT BE STEEPER THAN 5%.
23. THE CLEAR WIDTH OF A CURB RAMP SHALL BE 36 INCHES (36) MINIMUM, EXCLUSIVE OF FLARED SIDES.
24. LANDINGS SHALL BE PROVIDED AT THE TOP OF CURB RAMPS.
25. IF A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP, OR WHERE IT IS NOT PROTECTED BY HANDRAILS OR GUARDRAILS, IT SHALL HAVE FLARED SIDES.
26. WHERE PROVIDED, CURB RAMP FLARES SHALL NOT EXCEED 10%.
27. CURB RAMPS AND THE FLARED SIDES OF CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES, PARKING SPACES OR PARKING ACCESS AISLES.
28. CURB RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED VEHICLES.
29. IT IS RECOMMENDED TO PROVIDE CURB RAMPS WITH A TWENTY-FOUR (24) INCH DEEP DETECTABLE WARNING COMPLYING WITH 406.12 A117.1, EXTENDING THE FULL WIDTH OF THE RAMP.
30. FLOOR SURFACES OF CURB RAMPS SHALL BE DEEP GROOVED, 1/4 INCH WIDE BY 1/4 INCH DEEP, ONE (1) INCH CENTERS TRANSVERSE TO THE RAMP.
31. WHERE PROVIDED, STOP LINES SHALL BE LOCATED IN ADVANCE OF CURB RAMP.
32. WHERE PROVIDED, PEDESTRIAN ACTIVATED SIGNALS SHALL BE LOCATED ADJACENT TO THE SIDEWALK AND NOT ON THE SIDEWALK.
33. WHERE PROVIDED, DRAINAGE INLETS SHALL BE LOCATED UPSTREAM OF CURB RAMPS AND NOT IN THE RAMP AREA.
34. CURB RAMP TYPE AND LOCATION ARE PER PLAN.

PERMANENT SEEDING table with columns: GRASS TYPE, LBS/ ACRE, TIME OF SEEDING, FERTILIZER LIMESTONE. Rows include BERMUDA, HULLED BERMUDA, CENTIPEDE, TALL FESCUE, SLOPES >= 2:1, SWEET SUDAN GRASS, GERMAN or BROWNTOP MILLET, STRAW MULCH AS NEEDED.

TEMPORARY SEEDING table with columns: GRASS TYPE, LBS/ ACRE, TIME OF SEEDING, FERTILIZER LIMESTONE. Rows include RYE GRAIN, SWEET SUDAN GRASS, GERMAN or BROWNTOP MILLET, STRAW MULCH AS NEEDED.

NEW HANOVER COUNTY LAND QUALITY STABILIZATION TIME FRAME NOTE: DENUDED AREAS MUST BE STABILIZED WITH FIFTEEN (15) WORKING DAYS OF CEASE OF ANY PHASE OF ACTIVITY.

STABILIZATION TIME FRAMES: NPDES WATER QUALITY STABILIZATION TIME FRAMES table with columns: SITE AREA DESCRIPTION, STABILIZATION, TIMEFRAME EXCEPTIONS. Rows include PERIMETER DIKES, SWALES, DITCHES AND SLOPES, HIGH QUALITY WATER (HOW) ZONES, SLOPES STEEPER THAN 3:1, SLOPES 3:1 OR FLATTER, ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1.

NC ACCESSIBILITY NOTES:

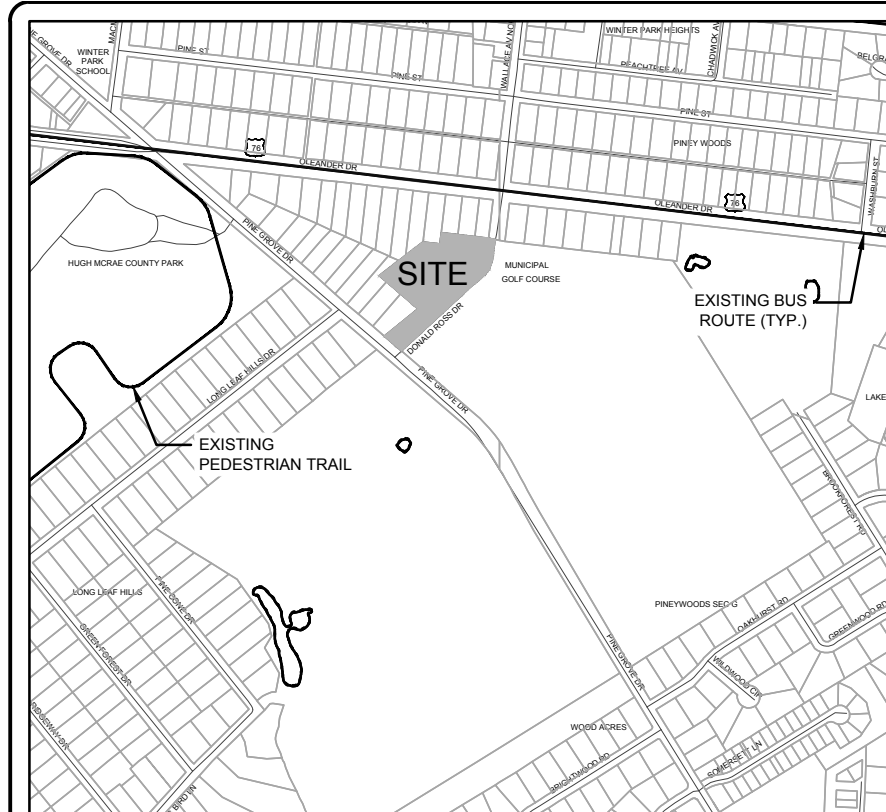
- GENERAL NOTES:
1. SPECIAL ATTENTION SHALL BE GIVEN TO COMPLIANCE WITH AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NORTH CAROLINA BUILDING CODE/ANSI A117.1, AND APPLICABLE LOCAL LAWS & REGULATIONS.
2. IT IS ESSENTIAL THAT CONTRACTORS ARE AWARE OF THE SITE ACCESSIBILITY REQUIREMENTS.
3. THE CONTRACTOR SHALL NOTIFY PARAMOUNT ENGINEERING IMMEDIATELY OF ANY CONFLICT BETWEEN THESE NOTES AND DETAILS.
4. THESE ACCESSIBILITY NOTES AND DETAILS ARE INTENDED TO DEPICT SLOPE AND DIMENSIONAL REQUIREMENTS ONLY.
ACCESSIBLE ROUTE NOTES:
1. AT LEAST ONE ACCESSIBLE ROUTE SHALL BE PROVIDED WITHIN THE SITE FROM ACCESSIBLE PARKING SPACES AND ACCESSIBLE PASSENGER LOADING ZONES.
2. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES THAT ARE ON THE SAME SITE.
3. WALKING SURFACES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL HAVE A MAXIMUM RUNNING SLOPE OF 5.0% AND A MAXIMUM CROSS SLOPE OF 2.0%.
4. ANY WALKING SURFACE THAT IS PART OF AN ACCESSIBLE ROUTE WITH A RUNNING SLOPE GREATER THAN 5.0% IS A RAMP AND SHALL COMPLY WITH THE GUIDELINES FOR RAMPS OR CURB RAMPS.
5. TRANSITIONS BETWEEN RAMPS, WALKS, LANDINGS, GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES.
6. FLOOR SURFACES SHALL BE STABLE, FIRM AND SLIP RESISTANT.
7. THE MINIMUM CLEAR WIDTH OF EXTERIOR ACCESSIBLE ROUTES SHALL BE FORTY-EIGHT (48) INCHES MINIMUM.
8. WHERE AN ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN OBJECT THAT IS LESS THAN FORTY EIGHT (48) INCHES IN WIDTH, THE CLEAR WIDTH SHALL BE FORTY-TWO (42) INCHES MINIMUM.
9. AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN SIXTY (60) INCHES SHALL PROVIDE PASSING SPACE AT INTERVALS OF TWO HUNDRED (200) FEET MAXIMUM.
10. DOORS, DOORWAYS AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NORTH CAROLINA BUILDING CODE/ANSI A117.1, AND APPLICABLE LOCAL LAWS & REGULATIONS.
11. DIRECTIONAL SIGNAGE INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE BUILDING ENTRANCE SHALL BE PROVIDED AT INACCESSIBLE BUILDING ENTRANCES.
12. WHERE POSSIBLE, DRAINAGE INLETS SHALL NOT BE LOCATED ON AN ACCESSIBLE ROUTE.
RAMP NOTES:
1. ANY PART OF AN ACCESSIBLE ROUTE WITH A RUNNING SLOPE GREATER THAN 5% SHALL BE CONSIDERED A RAMP.
2. THE MAXIMUM RUNNING SLOPE FOR A RAMP SHALL BE 8.33% AND THE MAXIMUM CROSS SLOPE SHALL BE 2.0%.
3. THE CLEAR WIDTH OF AN EXTERIOR RAMP RUN SHALL BE FORTY EIGHT INCHES (NC BUILDING CODE 1104.1), WHERE HANDRAILS ARE PROVIDED ON THE RAMP RUN, THE CLEAR WIDTH SHALL BE MEASURED BETWEEN THE HANDRAILS.
4. THE RISE FOR ANY RAMP RUN SHALL BE THIRTY (30) INCHES MAXIMUM.
5. LANDINGS SHALL BE PROVIDED AT THE TOP AND BOTTOM OF RAMPS.
6. RAMP RUNS WITH A RISE GREATER THAN SIX (6) INCHES SHALL HAVE HANDRAILS ON BOTH SIDES.
7. FLOOR SURFACES OF RAMPS AND LANDINGS SHALL BE STABLE, FIRM AND SLIP RESISTANT.
8. EDGE PROTECTION COMPLYING WITH AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NC BUILDING CODE/ANSI A117.1, AND APPLICABLE LOCAL LAWS & REGULATIONS SHALL BE PROVIDED ON EACH SIDE OF RAMP RUNS AND ON EACH SIDE OF RAMP LANDINGS.
9. WHERE DOORWAYS ARE LOCATED ADJACENT TO A RAMP LANDING, MANEUVERING CLEARANCES REQUIRED BY THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NC BUILDING CODE/ANSI A117.1 SHALL BE PERMITTED TO OVERLAP THE REQUIRED LANDING AREA.
CURB RAMP NOTES:
1. THE MAXIMUM RUNNING SLOPE OF A CURB RAMP SHALL BE 8.33% AND THE MAXIMUM CROSS SLOPE SHALL BE 2.0%.
2. COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE CURB RAMP SHALL NOT BE STEEPER THAN 5%.
3. THE CLEAR WIDTH OF A CURB RAMP SHALL BE 36 INCHES (36) MINIMUM, EXCLUSIVE OF FLARED SIDES.
4. LANDINGS SHALL BE PROVIDED AT THE TOP OF CURB RAMPS.
5. IF A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP, OR WHERE IT IS NOT PROTECTED BY HANDRAILS OR GUARDRAILS, IT SHALL HAVE FLARED SIDES.
6. WHERE PROVIDED, CURB RAMP FLARES SHALL NOT EXCEED 10%.
7. CURB RAMPS AND THE FLARED SIDES OF CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES, PARKING SPACES OR PARKING ACCESS AISLES.
8. CURB RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED VEHICLES.
9. IT IS RECOMMENDED TO PROVIDE CURB RAMPS WITH A TWENTY-FOUR (24) INCH DEEP DETECTABLE WARNING COMPLYING WITH 406.12 A117.1, EXTENDING THE FULL WIDTH OF THE RAMP.
10. FLOOR SURFACES OF CURB RAMPS SHALL BE DEEP GROOVED, 1/4 INCH WIDE BY 1/4 INCH DEEP, ONE (1) INCH CENTERS TRANSVERSE TO THE RAMP.
11. WHERE PROVIDED, STOP LINES SHALL BE LOCATED IN ADVANCE OF CURB RAMP.
12. WHERE PROVIDED, PEDESTRIAN ACTIVATED SIGNALS SHALL BE LOCATED ADJACENT TO THE SIDEWALK AND NOT ON THE SIDEWALK.
13. WHERE PROVIDED, DRAINAGE INLETS SHALL BE LOCATED UPSTREAM OF CURB RAMPS AND NOT IN THE RAMP AREA.
14. CURB RAMP TYPE AND LOCATION ARE PER PLAN.

NC ACCESSIBILITY NOTES CONTD.

- PARKING SPACE NOTES:
1. ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTES OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE BUILDING ENTRANCE.
2. ACCESSIBLE PARKING SPACES SHALL BE AT LEAST NINETY-SIX (96) INCHES WIDE.
3. PARKING ACCESS AISLES SHALL BE PART OF AN ACCESSIBLE ROUTE TO THE BUILDING OR FACILITY ENTRANCE.
4. ACCESS AISLES SHALL EXTEND THE FULL LENGTH OF THE PARKING SPACE THEY SERVE.
5. ACCESS AISLES SHALL BE MARKED SO AS TO DISCOURAGE PARKING IN THEM.
6. ACCESS AISLES SHALL NOT OVERLAP THE VEHICULAR WAY.
7. ACCESS AISLES SHALL NOT OVERLAP THE PARKING SPACE EXCEPT FOR ANGLED VAN PARKING SPACES WHICH SHALL HAVE ACCESS AISLES LOCATED ON THE PASSENGER SIDE OF THE PARKING SPACES.
8. FLOOR SURFACES OF PARKING SPACES AND ACCESS AISLES SERVING THEM SHALL BE STABLE, FIRM AND SLIP RESISTANT.
9. PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 2.0% IN ALL DIRECTIONS.
10. PARKED VEHICLE OVERHANGS SHALL NOT REDUCE THE REQUIRED CLEAR WIDTH OF AN ACCESSIBLE ROUTE.
11. PARKING SPACES FOR VANS AND ACCESS AISLES AND VEHICULAR ROUTES SERVING THEM SHALL PROVIDE A VERTICAL CLEARANCE OF NINETY-EIGHT (98) INCHES MINIMUM.
12. EACH ACCESSIBLE PARKING SPACE SHALL BE PROVIDED WITH SIGNAGE DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
13. SIGNAGE AT ACCESSIBLE PARKING SPACES REQUIRED BY THE NC BUILDING CODE SECTION 1106.15 SHALL COMPLY WITH THE REQUIREMENTS OF NORTH CAROLINA GENERAL STATUTE 20-37.6 AND 136-30 AND THE NCDOT UNIFORM MANUAL ON TRAFFIC CONTROL DEVICES.
14. ACCESSIBLE PARKING SPACE, ACCESS AISLE STRIPING, AND INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE PAINTED BLUE (OR ANOTHER COLOR THAT CAN BE DISTINGUISHED FROM PAVEMENT).
PASSENGER LOADING ZONE NOTES:
1. PASSENGER LOADING ZONES SHALL PROVIDE VEHICULAR PULL-UP SPACE NINETY-SIX (96) INCHES WIDE MINIMUM AND TWENTY (20) FEET LONG MINIMUM.
2. PASSENGER LOADING ZONES SHALL PROVIDE A CLEARLY MARKED ACCESS AISLE THAT IS SIXTY (60) INCHES WIDE MINIMUM AND EXTENDS THE FULL LENGTH OF THE VEHICLE PULL-UP SPACE THEY SERVE.
3. ACCESS AISLE SHALL ADJOIN AN ACCESSIBLE ROUTE AND NOT OVERLAP THE VEHICULAR WAY.
4. VEHICLE PULL-UP SPACES AND ACCESS AISLES SERVING THEM SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 2.0% IN ALL DIRECTIONS.
5. FLOOR SURFACES OF VEHICLE PULL-UP SPACES AND ACCESS AISLES SERVING THEM SHALL BE STABLE, FIRM AND SLIP RESISTANT.
6. VEHICLE PULL-UP SPACES, ACCESS AISLES SERVING THEM AND A VEHICULAR ROUTE FROM AN ENTRANCE TO THE PASSENGER LOADING ZONE, AND FROM THE PASSENGER LOADING ZONE TO A VEHICULAR EXIT SERVING THEM, SHALL PROVIDE A VERTICAL CLEARANCE OF ONE HUNDRED FOURTEEN (114) INCHES MINIMUM.
ACCESSIBLE ENTRANCE NOTES:
1. ACCESSIBLE ENTRANCES SHALL BE PROVIDED AS REQUIRED BY THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS) AND THE NORTH CAROLINA BUILDING CODE, AND APPLICABLE LOCAL LAWS & REGULATIONS.
2. ENTRANCE DOORS, DOORWAYS AND GATES SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS) THE NC BUILDING CODE/ANSI A117.1 AND SHALL BE ON AN ACCESSIBLE ROUTE.
EXISTING UTILITY NOTES:
1. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY THE ACTUAL LOCATION AND AVAILABILITY OF ALL EXISTING AND PROPOSED UTILITIES IN THE FIELD PRIOR TO GROUND BREAKING.
2. EXISTING UTILITIES AND STRUCTURES SHOWN, BOTH UNDERGROUND AND ABOVE GROUND, ARE BASED ON A FIELD SURVEY AND THE BEST AVAILABLE RECORD DRAWINGS.
WETLAND NOTES:
1) THERE ARE NO WETLANDS FLAGGED AND SURVEYED ON THE PROPERTY.

Vertical sidebar containing: REVISIONS, CLIENT INFORMATION, PARAMOUNT ENGINEERING INC., SAWYER SHERWOOD & ASSOCIATE ARCHITECTURE, WILMINGTON MUNICIPAL GOLF COURSE, GENERAL NOTES, PROJECT STATUS, DRAWING INFORMATION, and a large 'C-1.0' title.

Approval section including: 'Approved Construction Plan' table, 'For each open utility cut of City streets...' note, '811 Know what's below. Call before you dig.' logo, 'WILMINGTON NORTH CAROLINA' logo, and 'APPROVED STORMWATER MANAGEMENT PLAN'.



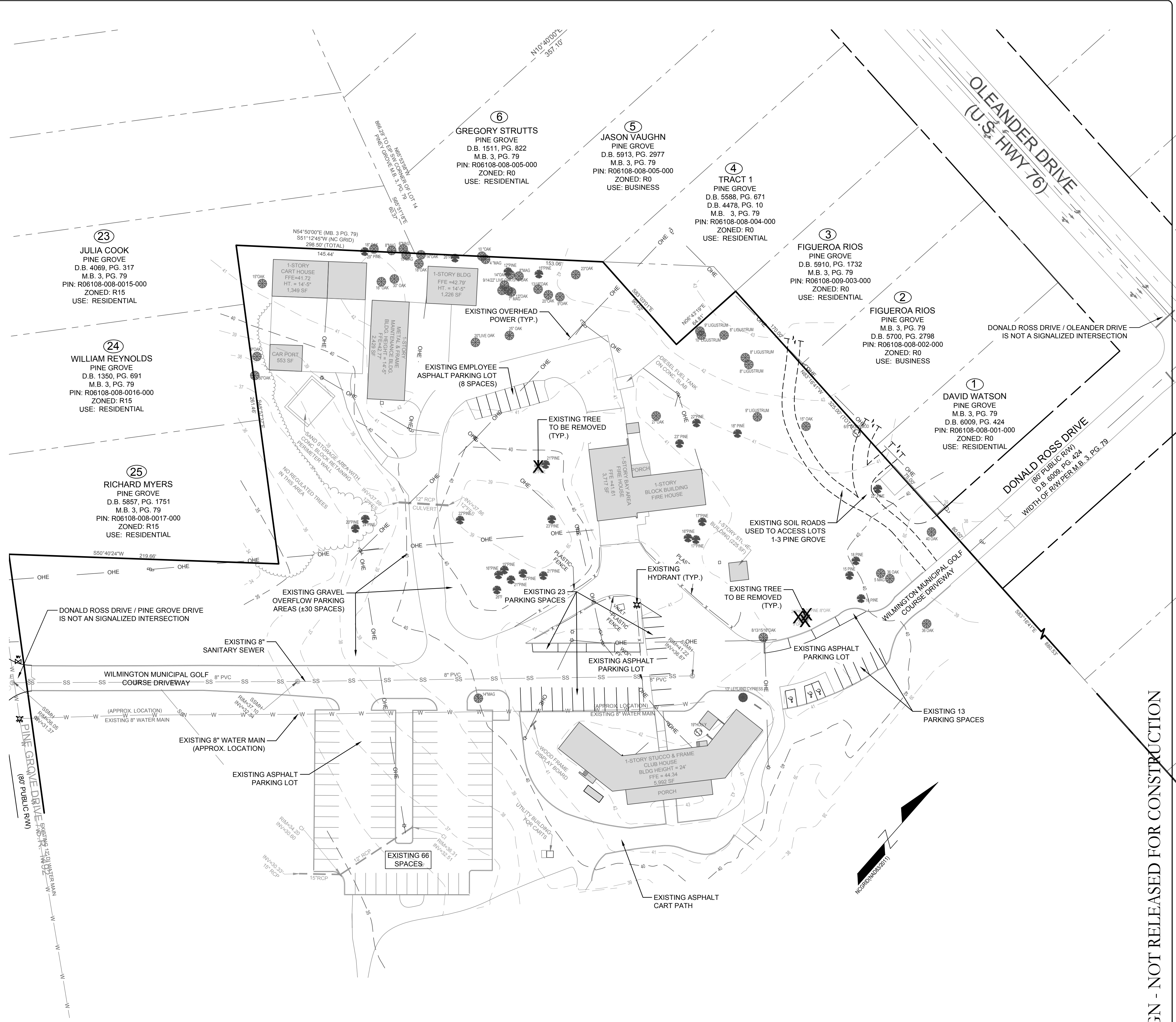
VICINITY MAP
SCALE: 1" = 1,000'



SOILS MAP
SCALE: 1" = 500'

SITE INVENTORY DATA

1. PREPARER OF THE PLAN:	PARAMOUNT ENGINEERING, INC. 122 CINEMA DRIVE WILMINGTON, NC 28403
2. APPLICANT NAME:	CITY OF WILMINGTON 305 CHESTNUT STREET, P.O. BOX 1810 WILMINGTON, NC 28402
3. SITE ADDRESS:	311 DONALD ROSS DRIVE WILMINGTON, NC 28409
4. PROPERTY OWNER:	CITY OF WILMINGTON 305 CHESTNUT STREET, P.O. BOX 1810 WILMINGTON, NC 28402
5. DEVELOPER:	SAME AS PROPERTY OWNER
6. PROPERTY BOUNDARY:	SEE PLAN
7. ZONING:	R-15-RESIDENTIAL DISTRICT
8. ADJACENT PROPERTY INFORMATION (OWNER AND ZONING):	SEE PLAN
9. VICINITY MAP:	SEE MAP ABOVE
10. TOPOGRAPHY:	SEE PLAN
11. 100 YEAR FLOOD PLAIN BOUNDARY:	THE SUBJECT AREA DOES NOT LIE WITHIN A 100-YEAR FLOOD ZONE AS INDICATED BY FEMA FLOOD ZONE PANEL 3720313600K BEARING AN EFFECTIVE DATE OF AUGUST 28, 2018. A PORTION OF THE PARCEL (OUTSIDE OF SUBJECT AREA) LIES WITHIN FLOOD ZONE AE (EL. 12 FEET) AS INDICATED BY FEMA FLOOD ZONE PANEL 3720313600K BEARING AN EFFECTIVE DATE OF AUGUST 28, 2018.
12. LOCATION OF EXISTING DITCHES, CREEKS, AND STREAMS:	SEE PLAN
13. SOILS:	BAYMEADE-URBAN LAND COMPLEX (Bh) (SEE SOILS MAP ABOVE)
14. CAMA AEC & ASSOCIATED SETBACKS:	N/A
15. CAMA LAND CLASSIFICATION:	URBAN AND WATERSHED RESOURCE PROTECTION
16. CONSERVATION RESOURCES:	N/A
17. LOCAL, STATE, OR FEDERAL HISTORIC OR ARCHAEOLOGICAL SITE:	N/A
18. LOCATION OF CEMETERIES, BURIAL SITES, OR BURIAL GROUNDS:	N/A
19. SQUARE FOOTAGE OF FORESTED AREA, HABITAT, AND DOMINANT SPECIES:	N/A
20. SECTION 404 WETLANDS AND SECTION 10 WATERS:	N/A
21. PROTECTED SPECIES OR HABITAT:	N/A
22. THOROUGHFARES, BIKE ROUTES, SIDEWALKS, TRANSIT FACILITIES (EXISTING OR PROPOSED):	SEE PLAN & VICINITY MAP



CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____
Signed: _____

Approved Construction Plan

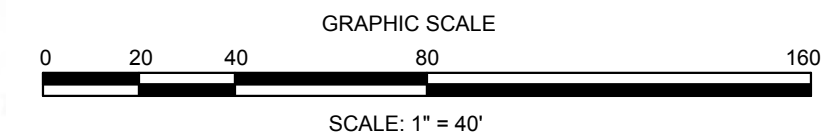
Name _____ Date _____

Planning _____

Traffic _____

Fire _____

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



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS:

1	CITY OF WILMINGTON, TRC COMMENTS, REVIEW #1	06/16/18
2	CITY OF WILMINGTON, TRC COMMENTS, REVIEW #2	08/16/18

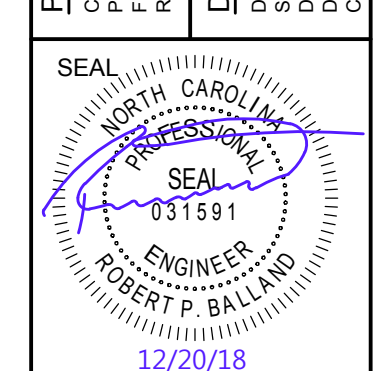
CLIENT INFORMATION:
PARAMOUNT ENGINEERING, INC.
122 Cinema Drive
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846

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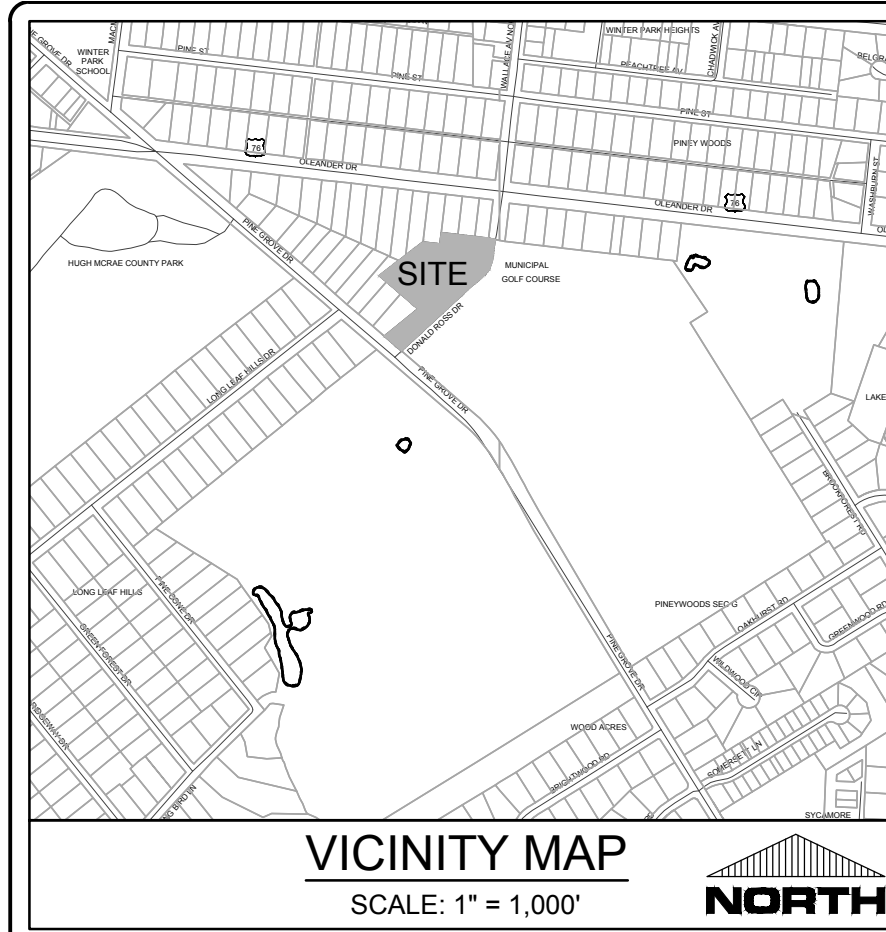
SITE INVENTORY PLAN
WILMINGTON MUNICIPAL GOLF COURSE
311 DONALD ROSS DRIVE
WILMINGTON, NC 28409

PROJECT STATUS

DATE:	12/20/18
SCALE:	1" = 40'
DRAWN:	ALC
CHECKED:	PRE



C-2.0
PEI JOB#: 18152.PE



DEMOLITION NOTES:

- CONTRACTOR SHALL REFER TO SHEET C-1.0 GENERAL NOTES FOR DEMOLITION NOTES.
- CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANS FOR SPECIFIC TREE REMOVAL.
- ALL UTILITIES TO BE ABANDONED AND/OR DEMOLISHED SHOULD BE CAPPED PROPERLY IN ACCORDANCE WITH THE UTILITY OWNERS RULES AND REGULATIONS.
- CONTRACTOR SHALL COORDINATE WITH REQUIRED UTILITY OWNERS/PROVIDERS FOR ANY DEMOLITION.
- FOR EXISTING FIRE HOUSE TO BE DEMOLISHED: WATER METER TO BE REMOVED WITH APPROVAL THROUGH CFPWA. CONFIRM IF THERE ARE ANY OTHER EXISTING CONNECTIONS AT THIS LOCATION. IF THERE ARE EXISTING CONNECTIONS, CONTACT THE OWNER IMMEDIATELY.

EXISTING TREES & VEGETATION NOTES:

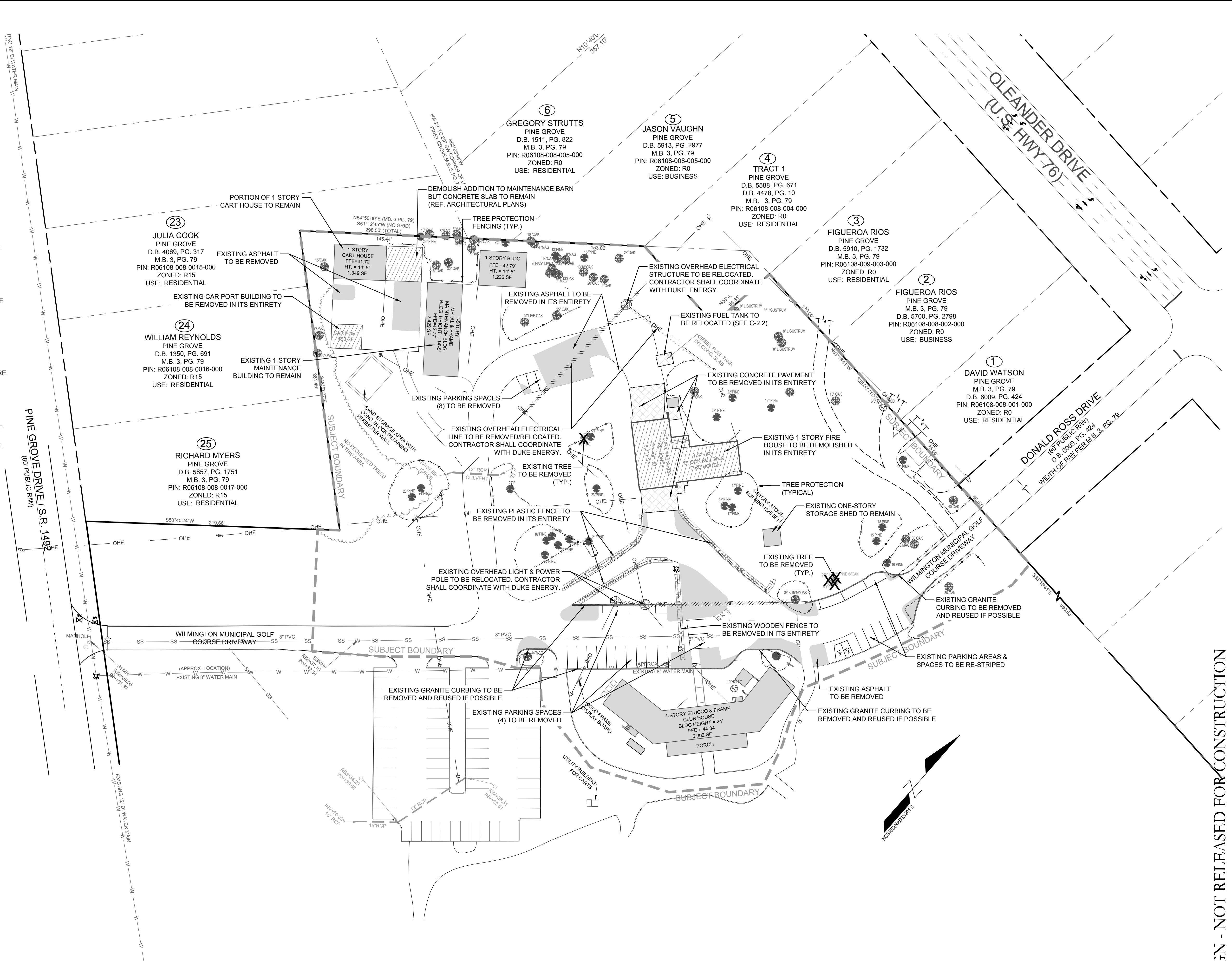
- CONTRACTOR SHALL REMOVE SHRUBS AS NECESSARY ALONG THE BUILDINGS FOR CONSTRUCTION AS LONG AS THE SAME QUANTITY AND SPECIES ARE REPLACED WHEN CONSTRUCTION IS COMPLETE.
- TREES TO BE REMOVED AS SHOWN. REFERENCE LANDSCAPE PLANS.

IMPERVIOUS INFORMATION:

TOTAL EXISTING IMPERVIOUS *WITHIN SUBJECT AREA*	72,346 SF
EXISTING IMPERVIOUS TO BE REMOVED	
ASPHALT (DRIVEWAY, PARKING)	7,733 SF
CONCRETE (SIDEWALKS, ETC.)	2,096 SF
BUILDINGS	5,289 SF
TOTAL TO BE REMOVED =	15,118 SF

SYMBOLS LEGEND

	EXISTING CONCRETE TO BE REMOVED
	EXISTING ASPHALT TO BE REMOVED
	EXISTING UTILITY LINE TO BE REMOVED
	EXISTING STORM STRUCTURE TO BE REMOVED
	EXISTING SIGNLIGHT/UTILITY POLE TO BE REMOVED
	EXISTING FENCE TO BE REMOVED
	TREE PROTECTION FENCING
	EXISTING TREE/SHRUBS TO BE REMOVED
	EXISTING BUILDING/STRUCTURE TO BE REMOVED
	EXISTING CURBING TO BE REMOVED



CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____
Signed: _____

Approved Construction Plan

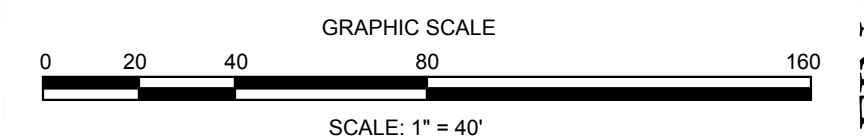
Name _____ Date _____

Planning _____

Traffic _____

Fire _____

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



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS:

1	11/15/18	1. CITY OF WILMINGTON, TRC COMMENTS, REVIEW #1
2	12/12/18	2. CITY OF WILMINGTON, TRC COMMENTS, REVIEW #2

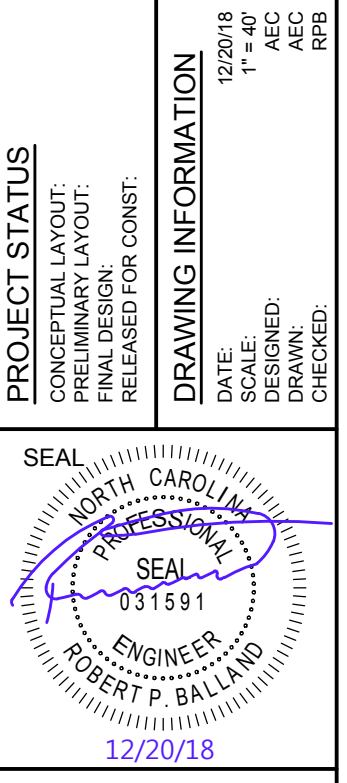
CLIENT INFORMATION:

PARAMOUNT ENGINEERING, INC.
122 Cinema Drive
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846

DEMOLITION PLAN

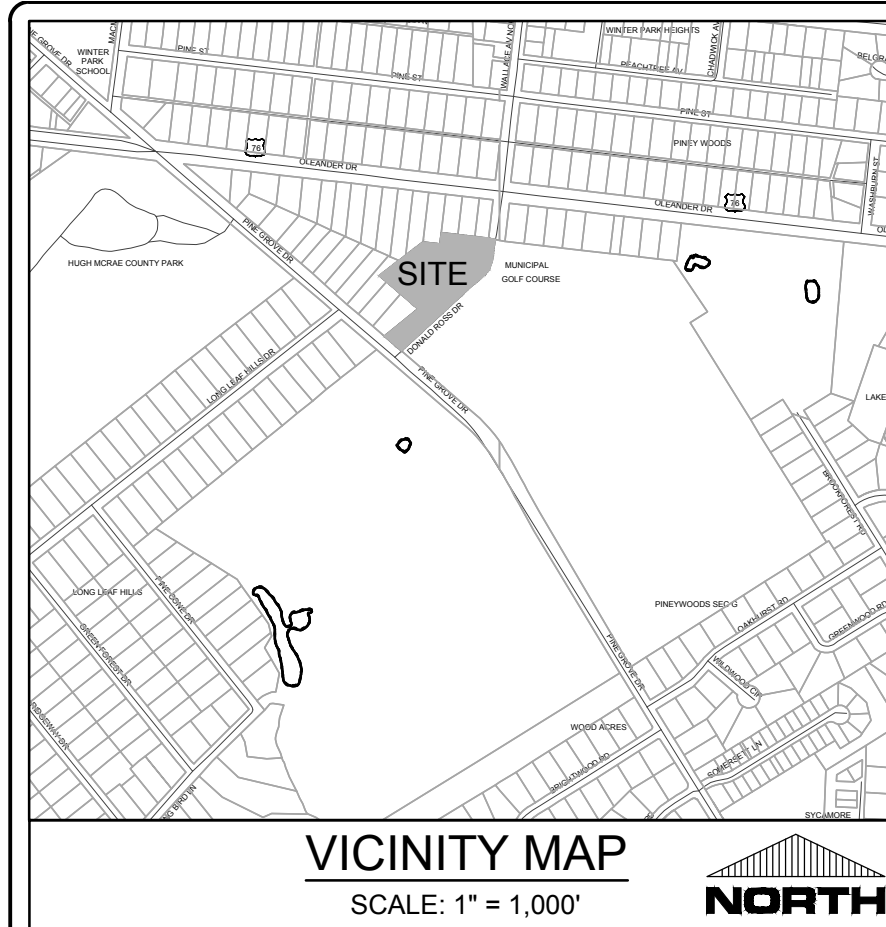
WILMINGTON MUNICIPAL GOLF COURSE
311 DONALD ROSS DRIVE
WILMINGTON, NC 28409

PROJECT STATUS:
DATE: 12/20/18
SCALE: 1" = 40'
DRAWN: RFB
CHECKED: RFB



C-2.1

PEI JOB#: 18152.PE



VICINITY MAP
SCALE: 1" = 1,000'

- KEY NOTES:**
- STORMWATER AREA: DETENTION / INFILTRATION AREA
 - GRANITE CURB REPLACEMENT: NOTE CITY PARKS MAY UTILIZE CITY STOCKPILE OF GRANITE CURB OR SUBSTITUTE WITH STAND-UP CURB
 - STRIPED CROSSWALKS: FOLLOWING CITY OF WILMINGTON STANDARDS, REFER TO DETAILS.
 - WHEEL STOPS: REFER TO DETAILS
 - SINGLE DUMPSTER WITH ENCLOSURE: SHADOWBOX FENCE AND GATE DETAIL FOR DUMPSTER ENCLOSURE (REFER TO DETAILS)
 - HANDICAP PARKING SIGN: TYPICAL FOR EACH HC PARKING SPACE REFER TO DETAIL C-4.0
 - DIRECTIONAL ARROW STRIPING: PROVIDE DIRECTION ARROW STRIPING AS SHOWN. USE HIGHWAY MARKING PAINT - WHITE (2 COATS). REFER TO DETAIL C-5.0
 - SIGN LOCATION: DO NOT ENTER (R5-1) SIGN.
 - BICYCLE RACK: CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW (10 SPACES MIN.)
 - CONCRETE SIDEWALK: SEE DETAILS
 - HANDICAP RAMP (SIDEWALK): SEE DETAILS
 - DETECTABLE WARNING MAT: SEE DETAILS
 - RAMP HANDRAILS: FOLLOWING ADA REQUIREMENTS, DESIGN BY OTHERS.
 - HANDICAP ACCESS UNLOADING ZONE: SLOPE 2% MAX. EACH WAY (ADA COMPLIANT) AND STRIPE AS SHOWN.
 - HANDICAP PARKING SYMBOL: SEE DETAILS
 - END CURB TREATMENT: SEE DETAILS
 - TREE PROTECTION FENCING: SEE DETAILS
 - PROPOSED OVERHEAD POWER RELOCATION: CONTRACTOR TO COORDINATE WITH DUKE ENERGY
 - HANDICAP RAMP / LANDING AREA: SEE DETAILS

SITE DATA TABULATION

APPLICANT: CITY OF WILMINGTON
305 CHESTNUT STREET, P.O. BOX 1810
WILMINGTON, NC 28402

PROPERTY OWNER: CITY OF WILMINGTON
305 CHESTNUT STREET, P.O. BOX 1810
WILMINGTON, NC 28402

PROJECT ADDRESS: WILMINGTON MUNICIPAL GOLF COURSE
311 DONALD ROSS DRIVE
WILMINGTON, NC 28409

TAX PARCEL IDENTIFICATION #: R06100-004-001-000
RECORDED DEED BOOK: BK 252, PG 142
PROJECT AREA (SUBJECT AREA): 4.6 ACRES (200,940 SF)
TOTAL SITE: 136.37 ACRES (5,940,277 SF)
CURRENT ZONING: R-15-RESIDENTIAL DISTRICT
CAMA LAND USE CLASSIFICATION: URBAN AND WATERSHED RESOURCE PROTECTION
MAXIMUM ALLOWABLE BUILDING HEIGHT: 35 FEET
EXISTING LAND USE: GOLF COURSE
PROPOSED LAND USE: GOLF COURSE
LAND USE CODE: 797-RECREATIONAL (PUBLIC/NON-PARK)
BUILDING LOT COVERAGE (MAX./PROPOSED): MAXIMUM = 50%
*PROPOSED = 8.8% (17,647 SF)

SETBACK STANDARDS

	PROVIDED	REQUIRED
MINIMUM FRONT SETBACK	30 FT	30 FT
MINIMUM SIDE SETBACK	10 FT	10 FT
MINIMUM CORNER SETBACK	15 FT	15 FT
MINIMUM REAR SETBACK	25 FT	25 FT

FLOOD NOTE
THE SUBJECT AREA LIES IN AN AREA OF MINIMAL FLOOD HAZARD (FLOOD ZONE X) AS INDICATED BY FEMA FLOOD ZONE PANEL 3720313600K BEARING AN EFFECTIVE DATE OF AUGUST 28, 2018. A PORTION OF THE PARCEL (OUTSIDE OF THE SUBJECT AREA) LIES WITHIN FLOOD ZONE AE (EL. 12 FEET) AS INDICATED BY FEMA FLOOD ZONE PANEL 3720313600K BEARING AN EFFECTIVE DATE OF AUGUST 28, 2018.

BUILDING INFORMATION
EXIST. NO. OF BUILDINGS/SHEDS: 7 BUILDINGS
PROP. NO. OF BUILDINGS/SHEDS: 6 BUILDINGS

IMPERVIOUS INFORMATION
TOTAL EXISTING IMPERVIOUS "WITHIN SUBJECT AREA": 72,346 SF
EXISTING IMPERVIOUS TO BE REMOVED: 15,118 SF

PROPOSED IMPERVIOUS
ASPHALT PARKING / DRIVEWAYS: 12,723 SF
CONCRETE: 1,211 SF
SIDEWALK: 3,893 SF
BUILDINGS: 6,914 SF
TOTAL PROPOSED IMPERVIOUS: 24,741 SF

NET IMPERVIOUS = TOTAL PROPOSED IMPERVIOUS - EXISTING IMPERVIOUS TO BE REMOVED
NET IMPERVIOUS = 24,741 SF - 15,118 SF = 9,623 SF

PARKING
HANDICAP REQUIRED: 5 SPACES (WITH 1 HANDICAP VAN SPACE)
HANDICAP PROVIDED: 6 SPACES (WITH 1 HANDICAP VAN SPACE)
BICYCLE PARKING REQ'D: 10 SPACES
*5 SPACES/25 VEHICLE PARKING SPACES (VPS) + 5 SPACES FOR EACH ADDITIONAL 100 VPS
BICYCLE PARKING PROVIDED: 10 SPACES

PARKING CALCULATIONS

USE	STANDARD		INPUT	MIN. REQUIRED SPACES	MAX. ALLOWED SPACES
	MIN.	MAX.			
GOLF COURSE	50 PER 18 HOLES	150% OF MIN.	50 HOLES	50	75
ASSEMBLY HALL	1 PER 400 GSF OR 1 PER 4 SEATS (WHICHEVER IS GREATER)	1 PER 250 GSF OR 1 PER 3 SEATS (WHICHEVER IS GREATER)	3,211 GSF OF ASSEMBLY HALL OR 187 OCCUPANCY	47	62
WAREHOUSING GENERAL	1 PER 1,000 GSF	150% OF MIN.	11,439 GSF OF WAREHOUSING	11	17
TOTAL PARKING SPACES ALLOWANCES =				108	154
EXISTING PARKING SPACES =				110	
PARKING SPACES REMOVED =				12	
PROPOSED NEW PARKING SPACES =				41	
TOTAL PROVIDED PARKING SPACES =				139 (INCL. 6 HANDICAP)	
ADEQUATE PARKING PROVIDED?				139 > 108 = YES	139 < 154 = YES

CHEMICAL, FUEL, & FERTILIZER STORAGE
STORAGE AND HANDLING OF MATERIALS SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS AND SHALL NOT DRAIN OR DISCHARGE TO THE NATURAL DRAINAGE PATTERN BUT HAVE SECONDARY STORAGE DEVICES IN ACCORDANCE WITH OSHA.

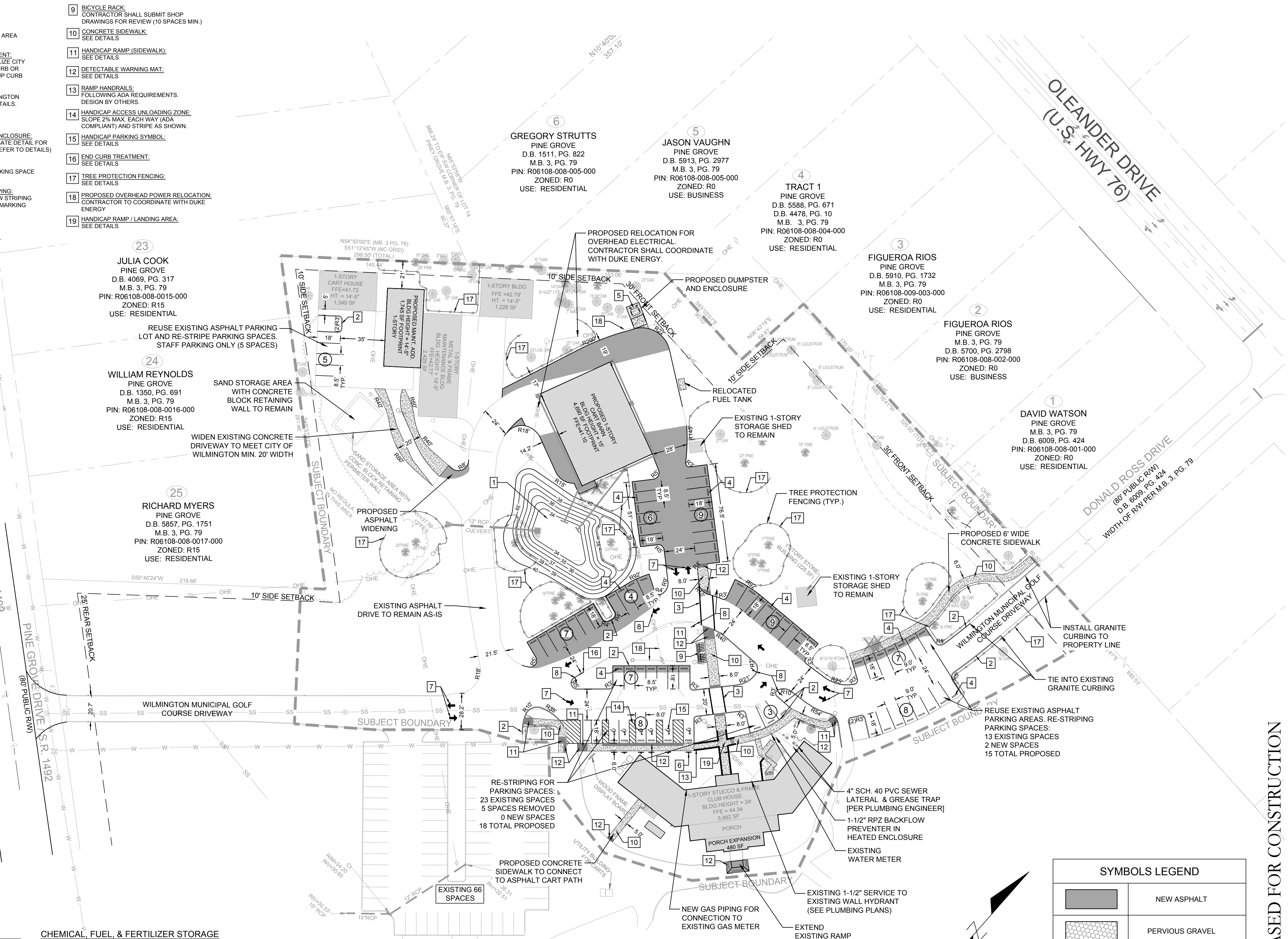
FIRE & LIFE SAFETY NOTES
1. CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
2. ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.
3. ICC BUILDING TYPES:
- EXISTING CLUBHOUSE: TYPE V UNPROTECTED
- PROPOSED CLUBHOUSE PORCH ADDITIONS: TYPE V UNPROTECTED
- PROPOSED CART BARN: TYPE IIB NON-COMBUSTIBLE
- PROPOSED MAINTENANCE BUILDING ADDITION: TYPE IIB NON-COMBUSTIBLE

TRAFFIC NOTES
1. IF EXISTING PAVEMENT MARKINGS WITHIN THE PROJECT AREA HAVE WEATHERED TO THE POINT WHERE THEY ARE NO LONGER IN ACCORDANCE WITH MUTCD STANDARDS OF MAINTENANCE, IT IS THE DEVELOPER'S RESPONSIBILITY TO RETURN MARKINGS TO ACCEPTABLE STANDARDS AND MAINTAIN ALL PAVEMENT MARKINGS.
2. ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30' TO 10'.

WATER & SEWER INFORMATION
NO NEW FIRE, WATER, OR SEWER SERVICES ARE PROPOSED FOR ANY OF THE BUILDINGS.
WATER: 0 GPD (PROPOSED USE)
SEWER: 0 GPD (PROPOSED USE)

"NOTE FOR EXISTING FIRE HOUSE TO BE DEMOLISHED"
WATER METER TO BE REMOVED WITH APPROVAL THROUGH CFPWA. CONFIRM IF THERE ARE ANY OTHER EXISTING CONNECTIONS AT THIS LOCATION. IF THERE ARE EXISTING CONNECTIONS, CONTACT THE OWNER IMMEDIATELY.

UTILITIES
APPROXIMATE LOCATIONS OF EXISTING 8" AND 12" WATER MAINS SHOWN ON PLANS (INFORMATION PROVIDED BY CFPWA GIS SERVICES). CONTRACTOR SHALL VERIFY LOCATION IN FIELD.



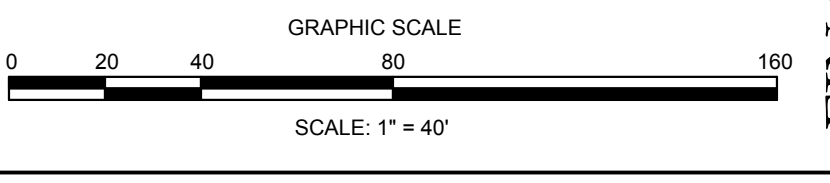
SYMBOLS LEGEND

[Pattern]	NEW ASPHALT
[Pattern]	PERVIOUS GRAVEL
[Pattern]	PAINT STRIPING
[Pattern]	NEW CONCRETE

CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit #: _____
Signed: _____

Approved Construction Plan
Name: _____ Date: _____
Planning: _____
Traffic: _____
Fire: _____

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



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS:

06/08/18	1. CITY OF WILMINGTON, TRC COMMENTS, REVIEW #1
08/02/18	2. CITY OF WILMINGTON, TRC COMMENTS, REVIEW #2
12/02/18	3. CITY OF WILMINGTON, TRC COMMENTS, REVIEW #3
01/11/19	4. I.C.O.V. TRC COMMENTS - TRANSPORTATION

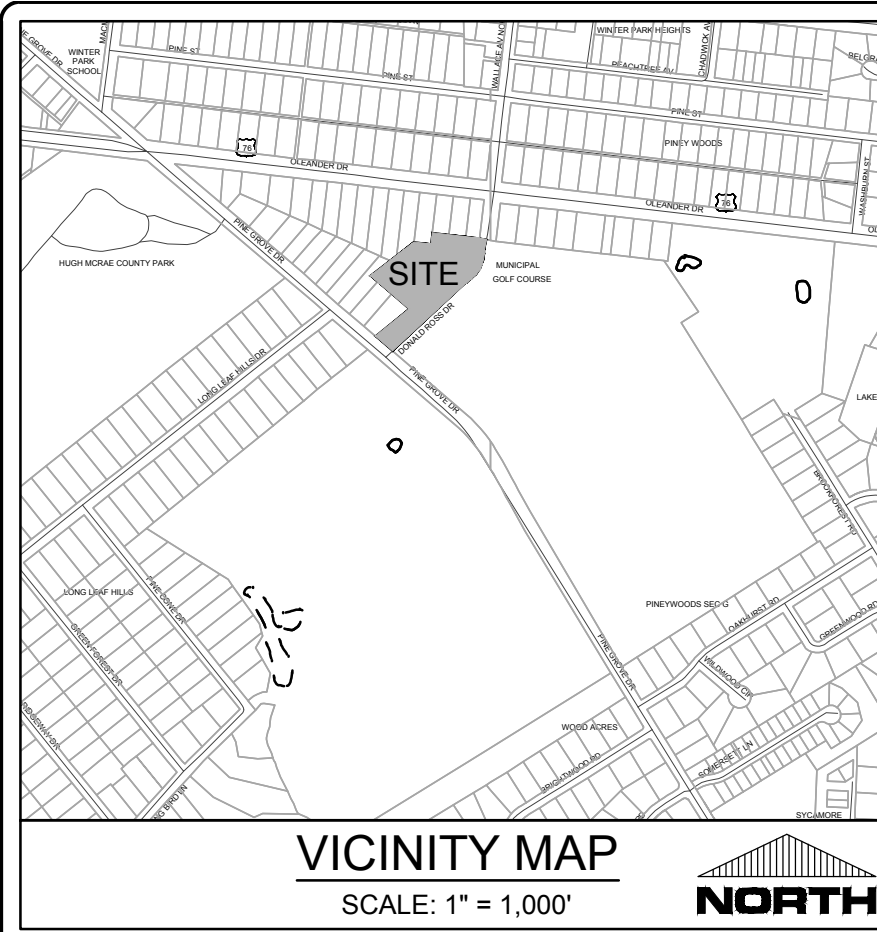
CLIENT INFORMATION:
PARAMOUNTE
ENGINEERING & PLANNING
122 Cinema Drive
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846

SITE & UTILITY PLAN
WILMINGTON MUNICIPAL GOLF COURSE
311 DONALD ROSS DRIVE
WILMINGTON, NC 28409

PROJECT STATUS
DATE: 01/11/19
SCALE: 1" = 40' A/E
DRAWN: RBE
CHECKED: RBE

DRAWING INFORMATION
DATE: 01/11/19
SCALE: 1" = 40' A/E
DRAWN: RBE
CHECKED: RBE

C-2.2
PEI JOB#: 18152.PE



- GENERAL NOTES:**
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL STATE OF NC, CITY OF WILMINGTON, AND NEW HANOVER COUNTY STANDARDS AND SPECIFICATIONS.
 - THE CONTRACTOR SHALL PLACE INLET PROTECTION AROUND ALL STORM DRAIN INLETS TO PROTECT THE SYSTEM FROM COLLECTING SEDIMENTATION DURING CONSTRUCTION. INLET PROTECTION SHALL REMAIN IN PLACE UNTIL THE ROADS ARE PAVED.
 - CONTRACTOR SHALL ADJUST ALL FRAMES OF EX. UTILITY INFRASTRUCTURE WITHIN ASPHALT OVERLAY AND NEW ASPHALT AREAS TO MATCH PROPOSED GRADES.
 - ALL PROPOSED SPOT ELEVATIONS SHOWN ARE PROPOSED EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.
 - ALL ROOF DRAINS AND IMPERVIOUS SURFACES SHALL BE DIRECTED TOWARDS ON-SITE COLLECTION SYSTEM. NO ROOF DRAINS OR IMPERVIOUS AREA SHALL BE DIRECTED OFF-SITE WITHOUT ENTERING THE ON-SITE COLLECTION SYSTEM FIRST.
 - ALL SIDEWALK CROSS SLOPES HAVE BEEN GRADED TO MEET ADA REGULATIONS. CONTRACTOR SHALL CONFIRM GRADES BEFORE PLACING PAVEMENT OR SIDEWALKS AND REPORT ANY DISCREPANCIES TO OWNER AND/OR ENGINEER.
 - THE CONTRACTOR SHALL USE EITHER RCP (CL. III or CL. IV) OR ADS N-12 HP PIPE FOR THE STORM DRAINAGE SYSTEM UNLESS NOTED OTHERWISE. IF THE CONTRACTOR CHOOSES TO USE ADS N-12 HP STORM PIPE, IT SHALL BE INSTALLED TO MANUFACTURER SPECIFICATIONS. IN ADDITION, THE CONTRACTOR SHALL BE SURE TO PROVIDE CONCRETE COLLARS AROUND EACH F.E.S. TO PREVENT FLOATATION IF PP PIPE IS CHOSEN.
 - CONTRACTOR SHALL COORDINATE WITH OWNER TO DETERMINE IF A GEOTECHNICAL ENGINEERING REPORT WAS COMPLETED FOR THE SITE.
 - CONTRACTOR SHALL STAKE SILT FENCE ALONG LIMITS OF DISTURBANCE LINE. THE SILT FENCE LINETYPE IS OFFSET ON THE DRAWING FOR CLARITY.

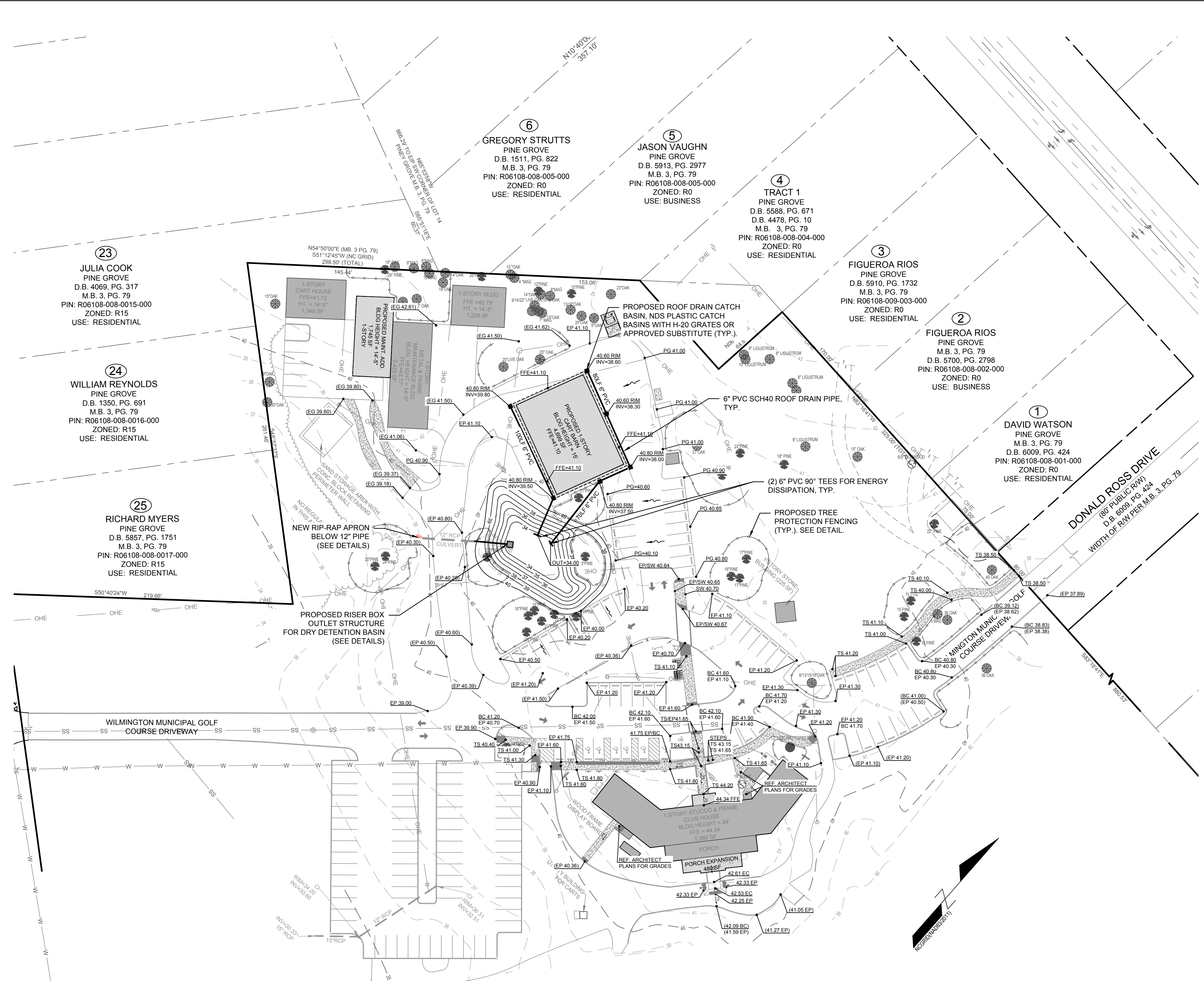
- ASPHALT AREA NOTE:**
- SITE CONTRACTOR SHALL STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL AND PROVIDE CUT/FILL OPERATIONS TO PROVIDE A COMPACTED CONTROLLED SUBGRADE, IN ACCORDANCE WITH THE SUBSURFACE GEOTECHNICAL EXPLORATION AND TECHNICAL SPECIFICATIONS.

- BUILDING PAD NOTE:**
- SITE CONTRACTOR SHALL STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL AND PROVIDE CUT/FILL OPERATIONS TO PROVIDE A COMPACTED CONTROLLED BUILDING PAD, IN ACCORDANCE WITH STRUCTURAL DRAWINGS.

- STORMWATER NOTE:**
- THIS PROJECT DRAINS TO AN EXISTING DEPRESSION THAT'S BEING CONVERTED TO A DRY DETENTION BASIN.
 - REFERENCE INFILTRATION CONSTRUCTION NOTES ON DETAILS SHEET.

- SPOT GRADE LEGEND:**
- CB = CATCH BASIN
 - DCB = DOUBLE CATCH BASIN
 - DI = DROP INLET
 - DDI = DOUBLE DROP INLET
 - YI = YARD INLET
 - MH = STORM MANHOLE
 - TC = TOP OF CURB ELEVATION
 - GC = GUTTER CURB (FLOW LINE) ELEVATION
 - CC = CURB CUT (FLUME) ELEVATION
 - PG = PROPOSED GRADE (GROUND)
 - EP = EDGE OF PAVEMENT
 - EC = EDGE OF CONCRETE
 - TS = TOP OF SIDEWALK ELEVATION
 - CL = CENTERLINE
 - INV = INVERT
 - FFE = FINISH FLOOR ELEVATION
 - TWL = TOP OF WALL ELEVATION
 - BWL = BOTTOM OF WALL ELEVATION
 - (EG) = EXISTING GRADE
 - (XX) = EXISTING ELEVATIONS, TYP.

- LEGEND:**
- INLET PROTECTION
 - STORM INLET (CURB & DROP)
 - STORM MANHOLE
 - SPOT GRADES
 - DRAINAGE FLOW ARROWS



CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____
Signed: _____

Approved Construction Plan

Name _____ Date _____

Planning _____

Traffic _____

Fire _____

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

NCDENR PWSS WATER PERMIT #: _____

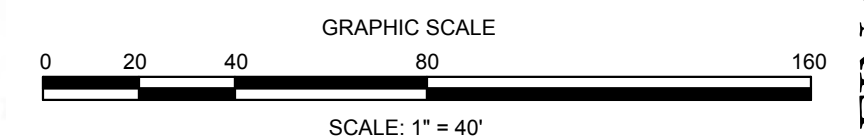
WATER CAPACITY: _____ GPD

DWO SEWER PERMIT #: _____

SEWER CAPACITY: _____ GPD

SEWER SHED # AND PLANT: _____

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



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS:

NO.	DATE	DESCRIPTION

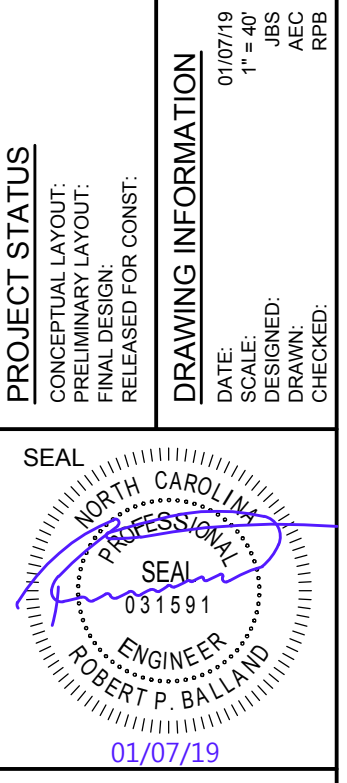
CLIENT INFORMATION:

PARAMOUNT ENGINEERING INC.
122 Cinema Drive
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846

GRADING-DRAINAGE-EC PLAN

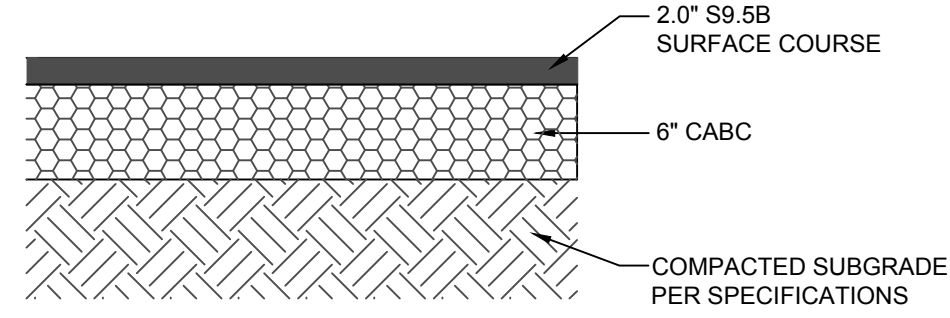
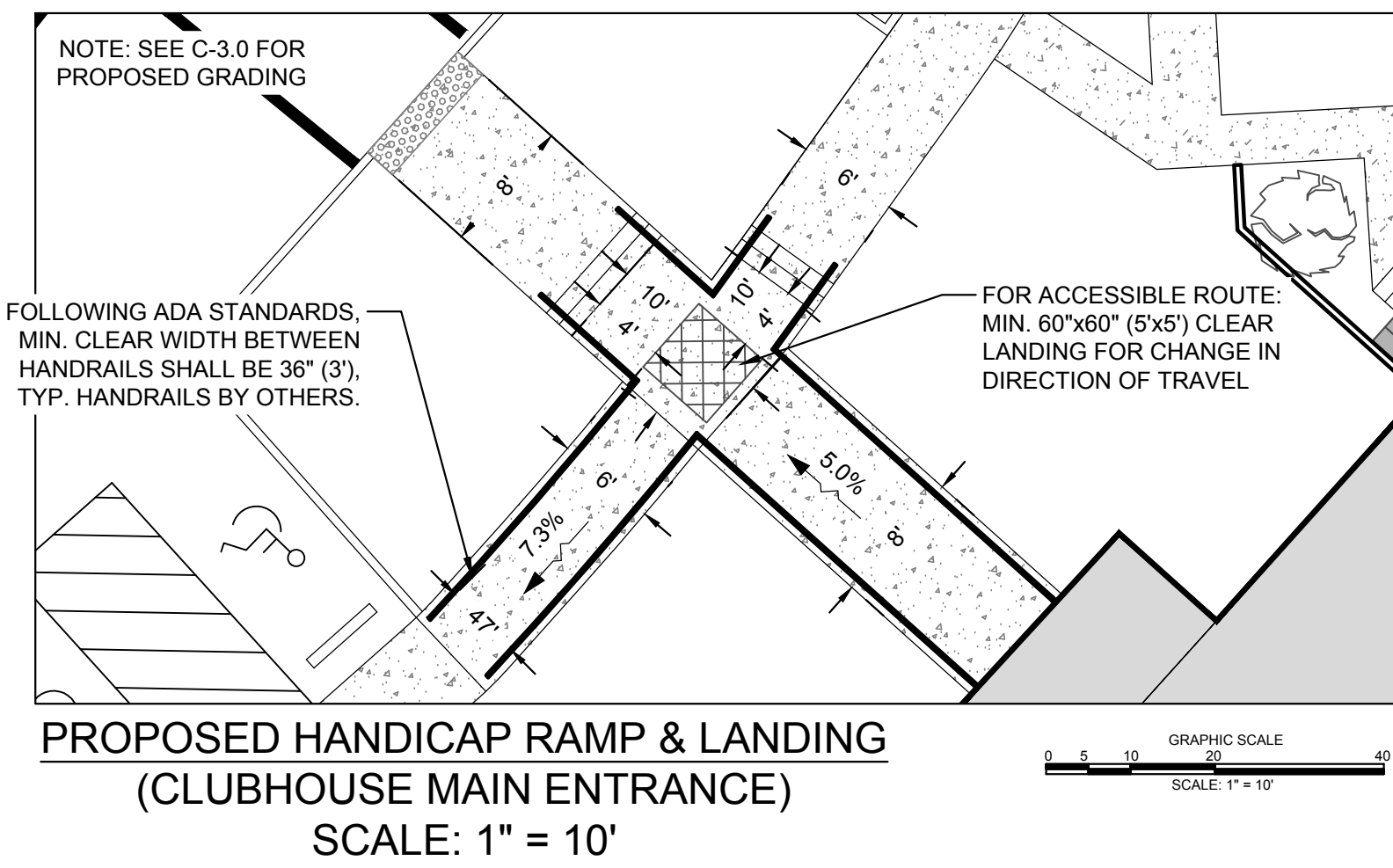
WILMINGTON MUNICIPAL GOLF COURSE
311 DONALD ROSS DRIVE
WILMINGTON, NC 28409

PROJECT STATUS:
DATE: 01/07/19
SCALE: 1" = 40'
DRAWN: [Signature]
CHECKED: [Signature]



C-3.0

PEI JOB#: 18152.PE

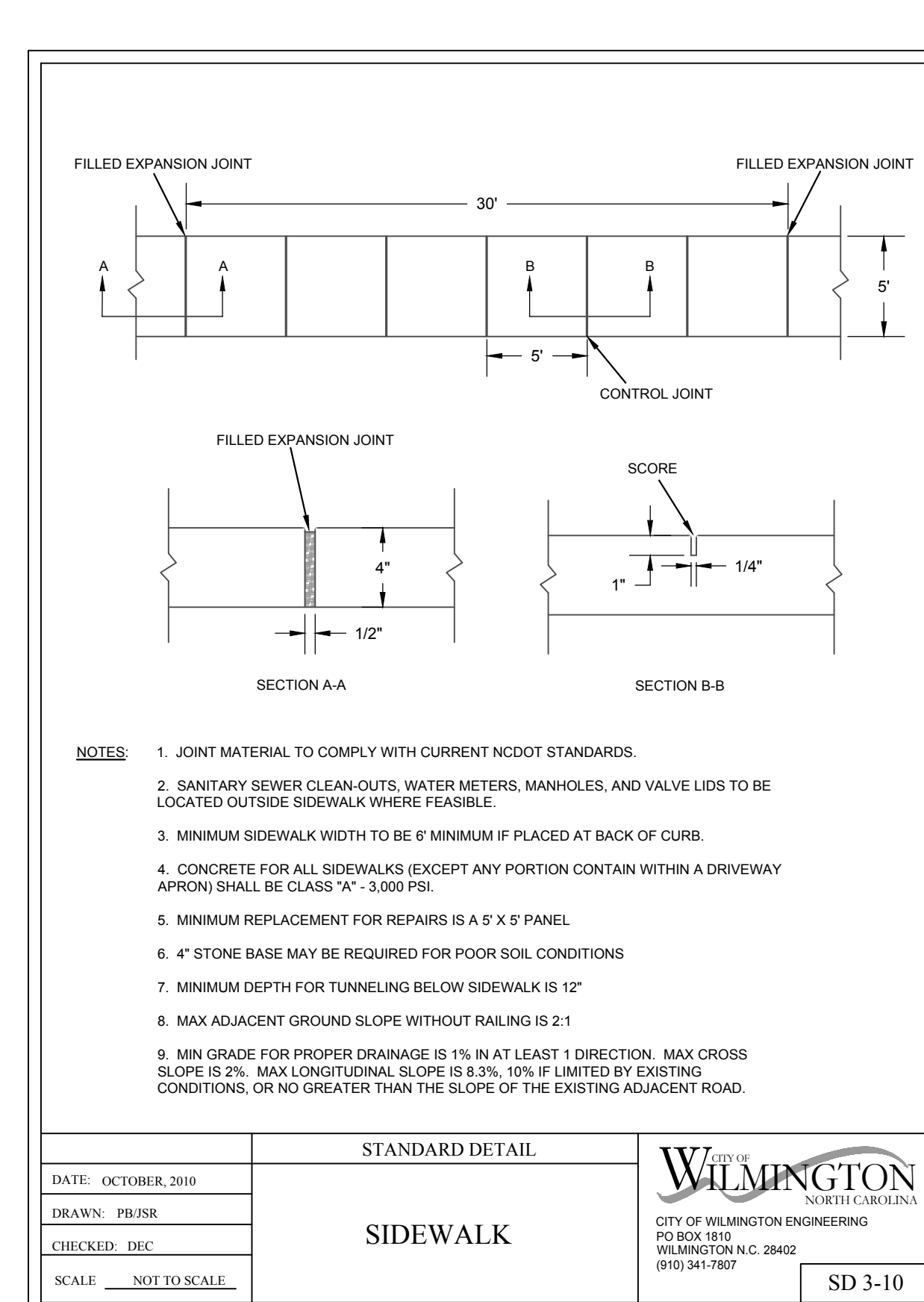
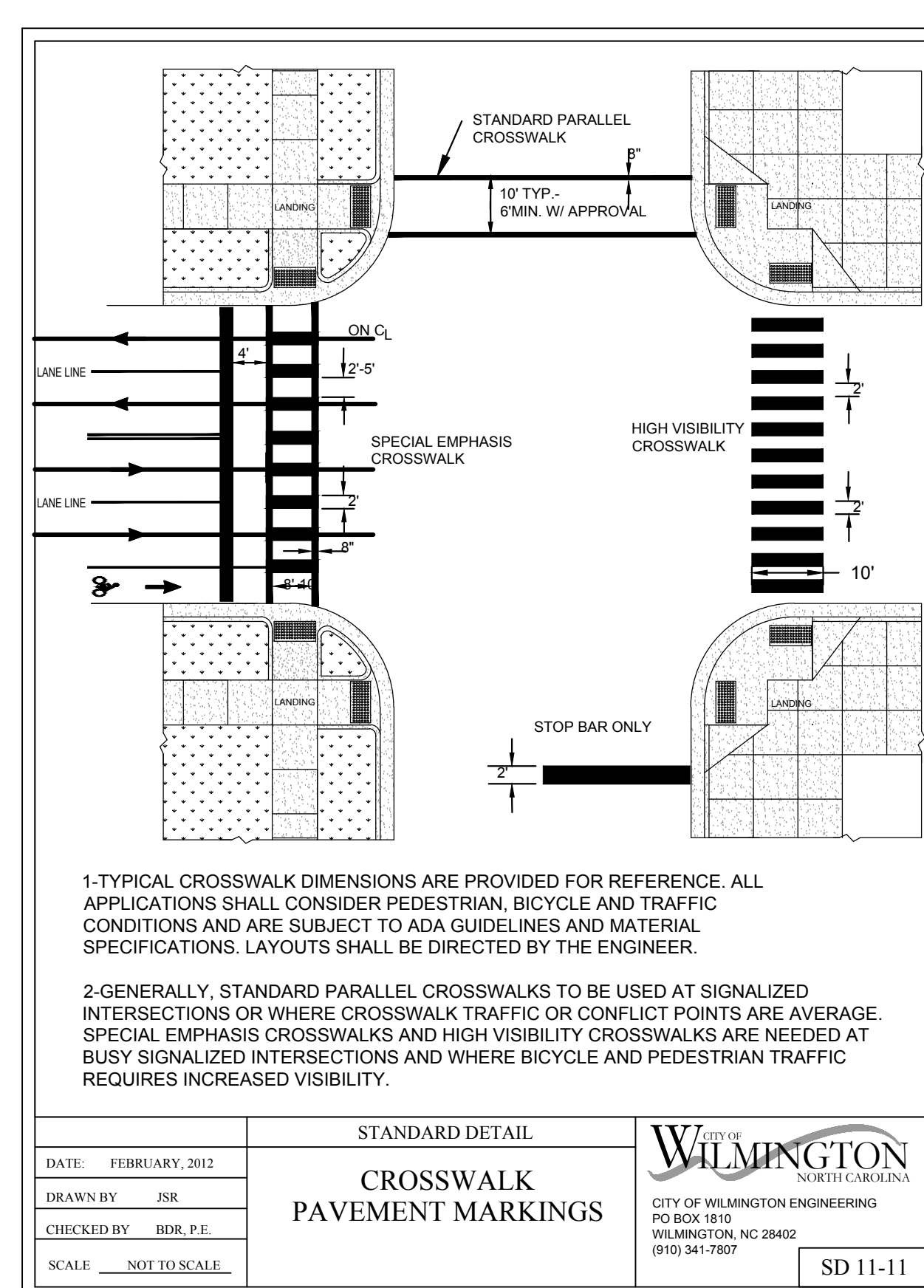
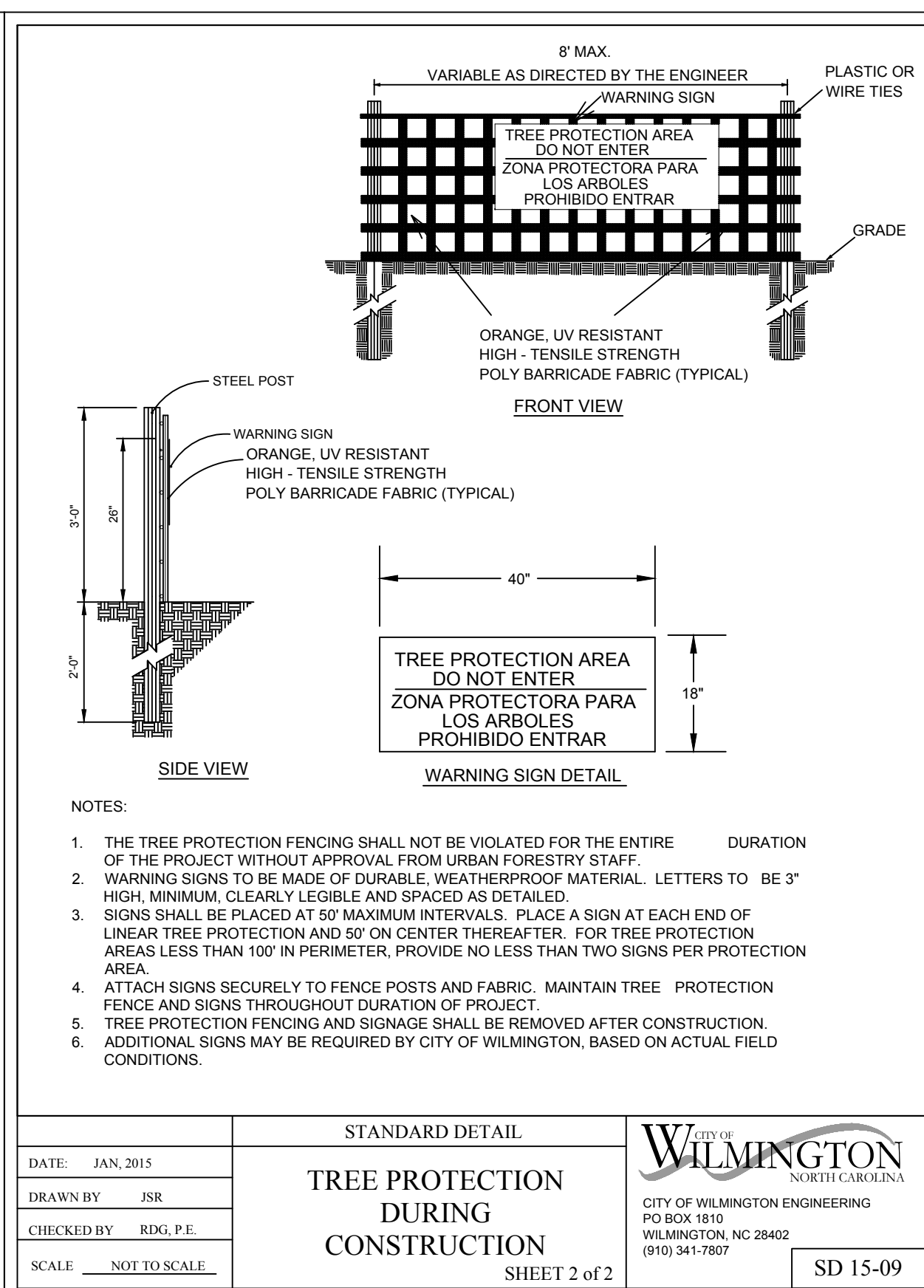
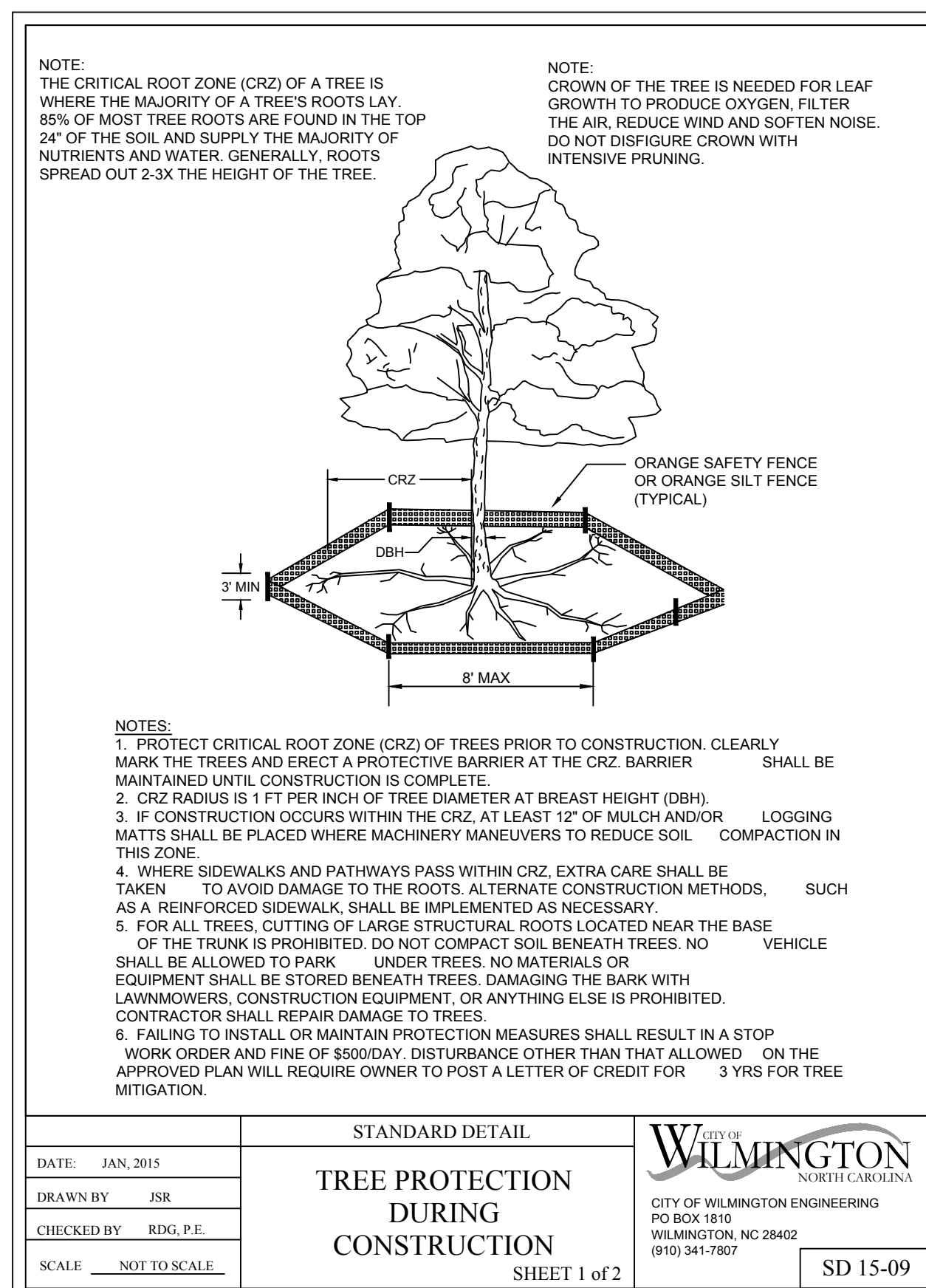
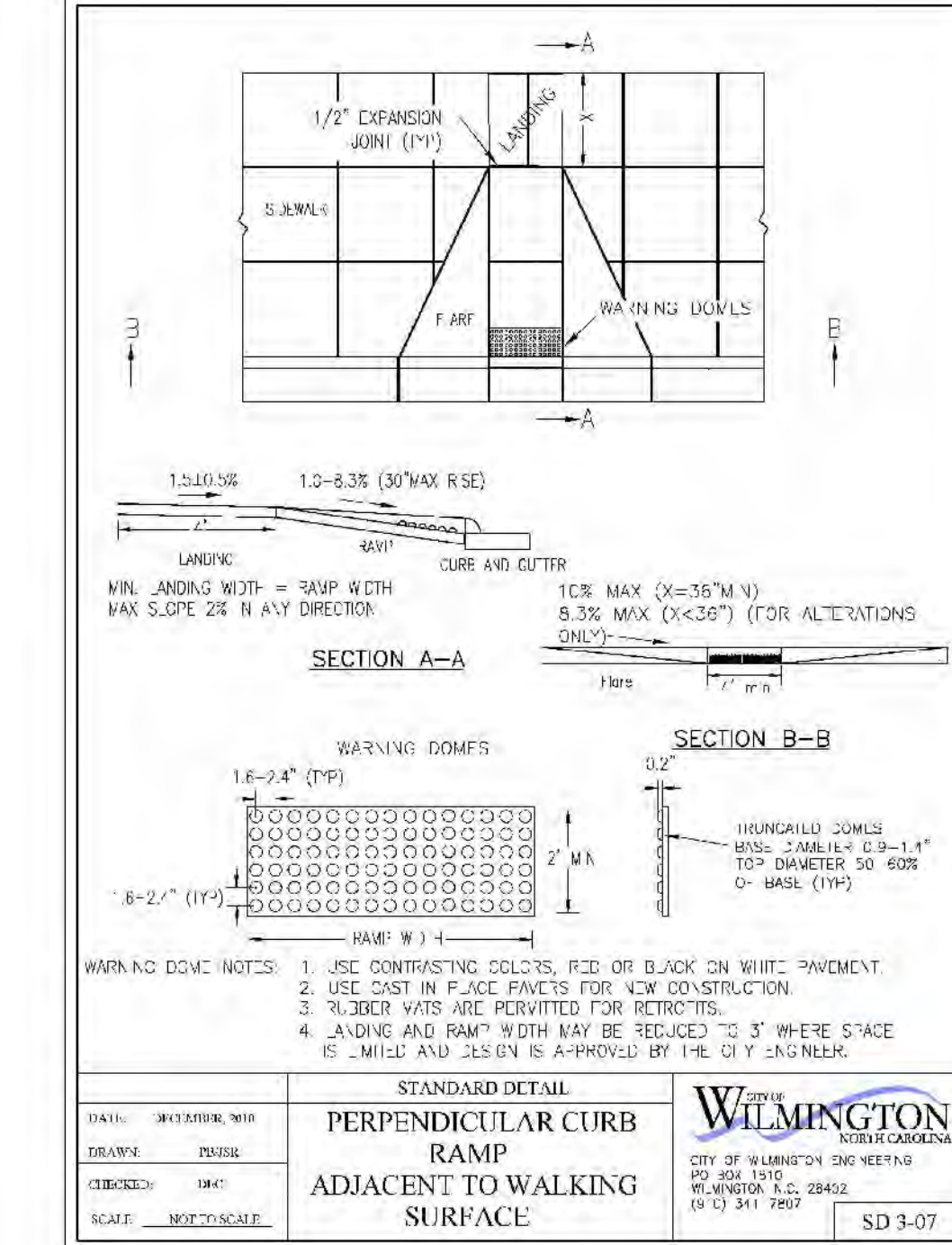
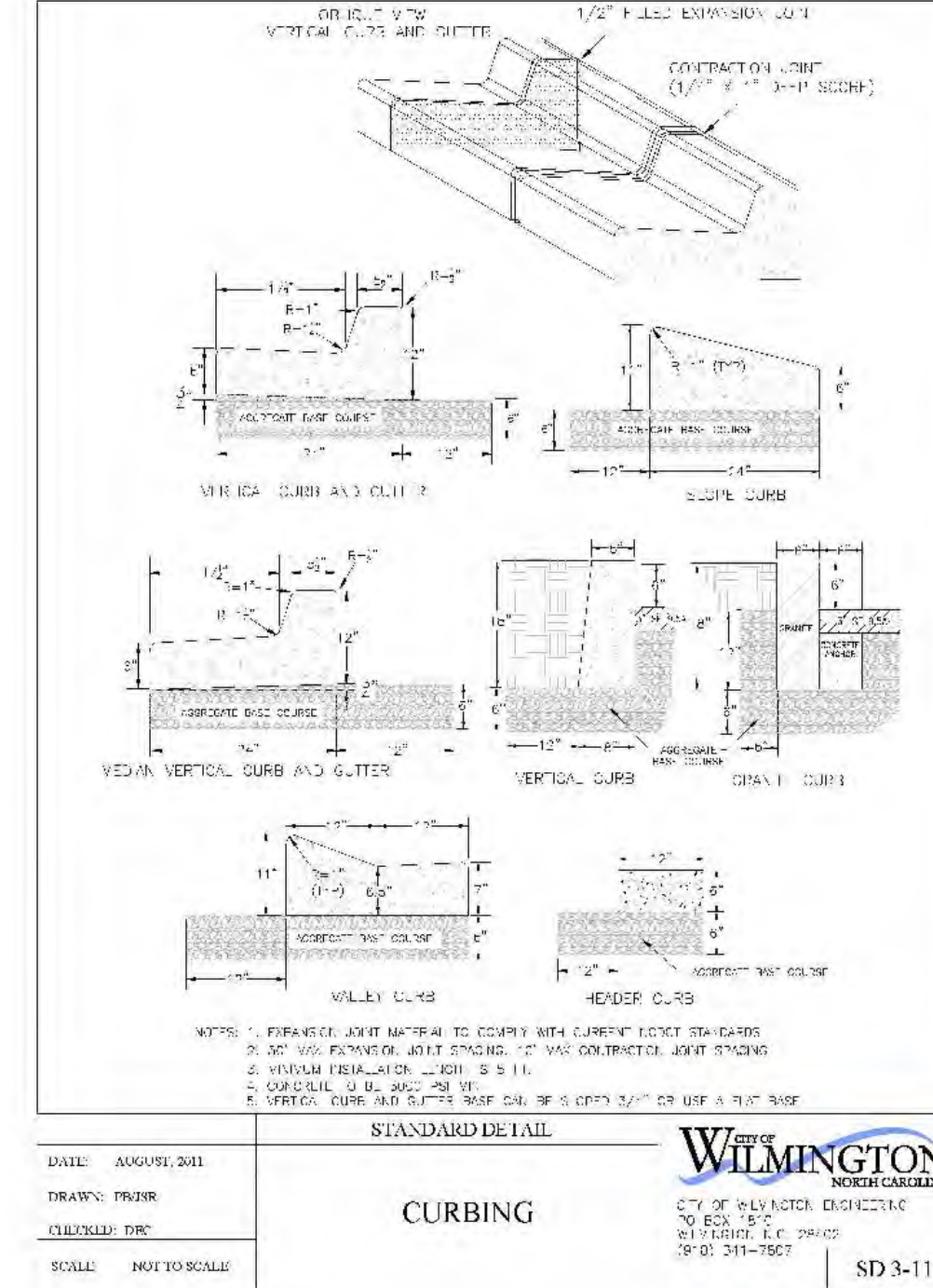
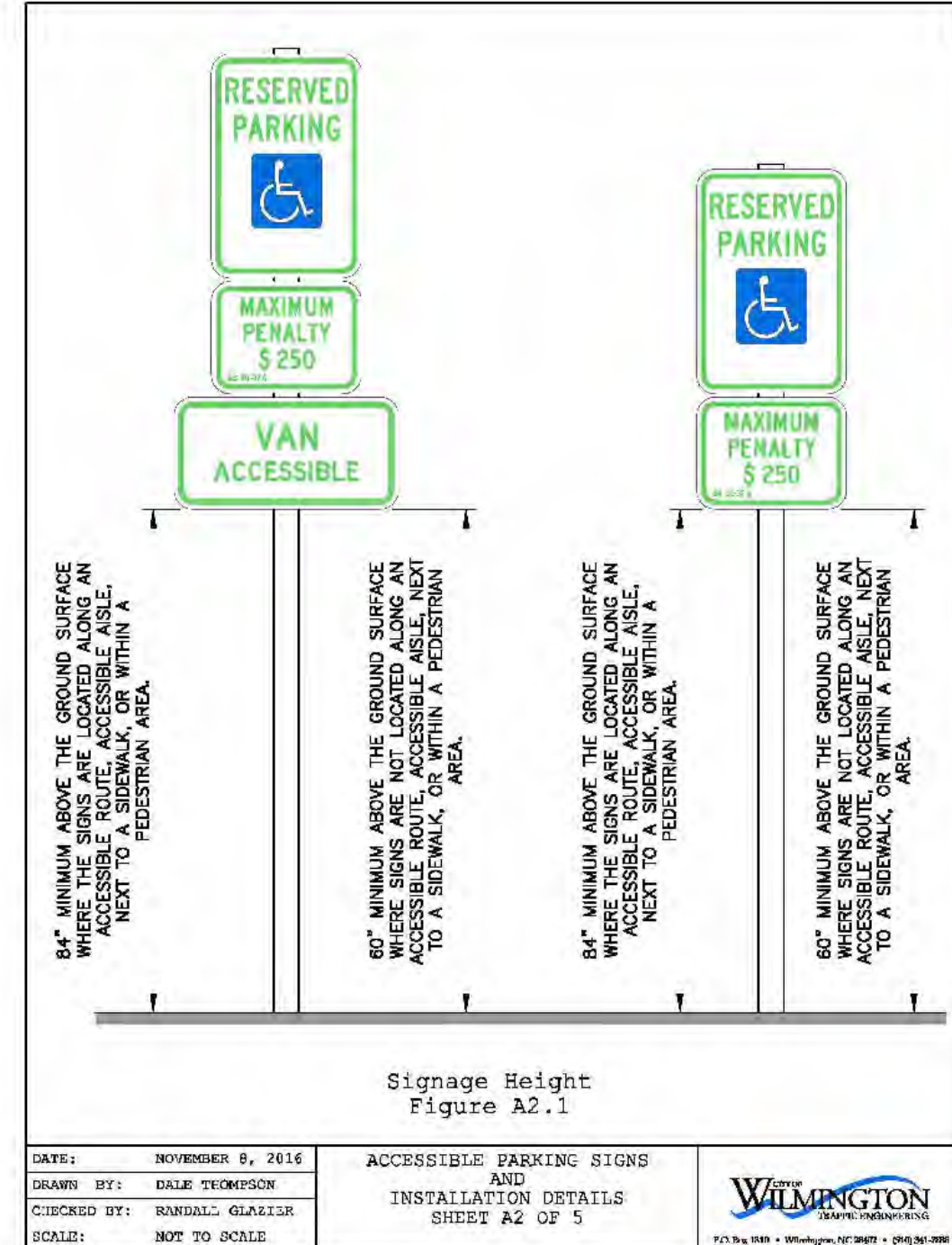
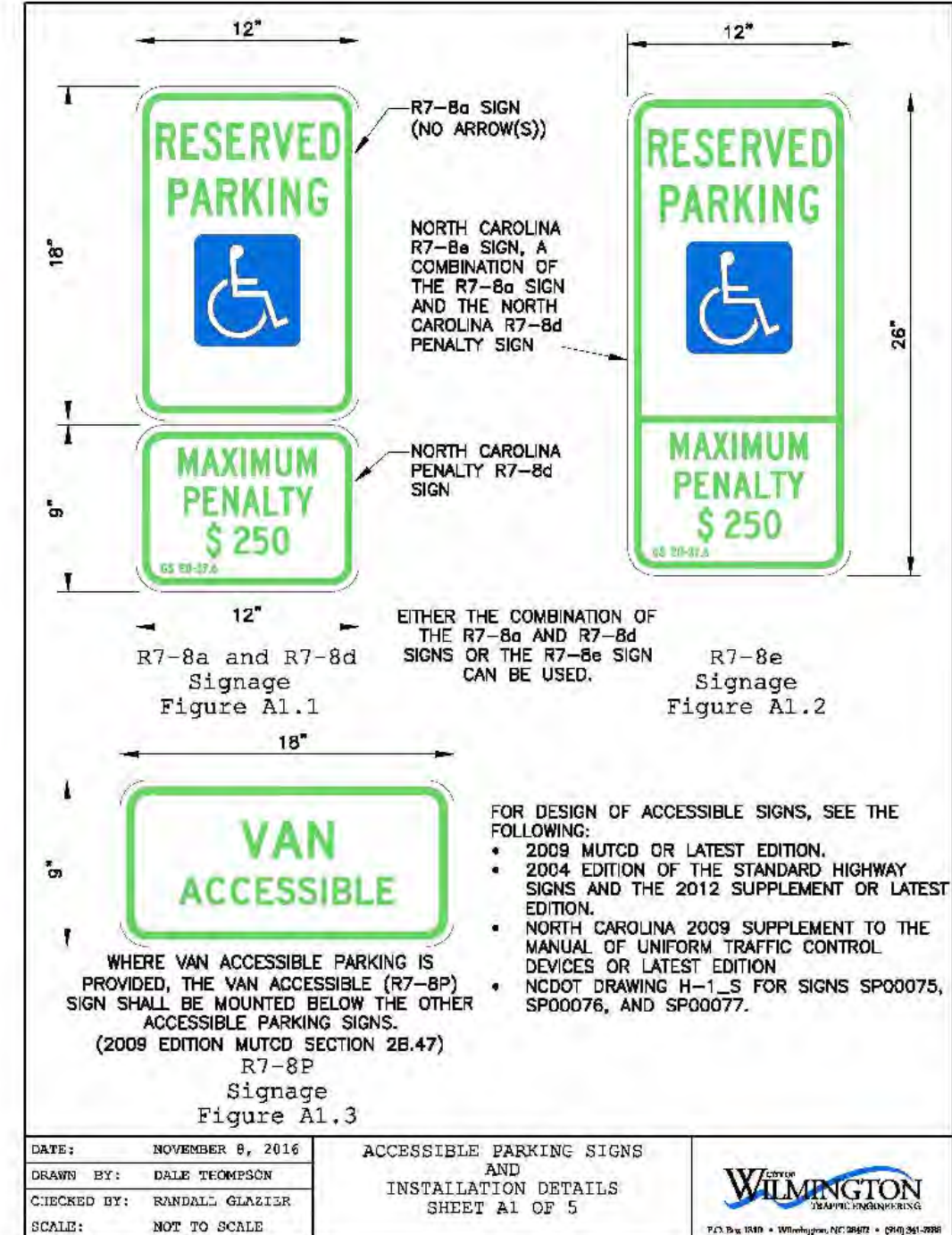
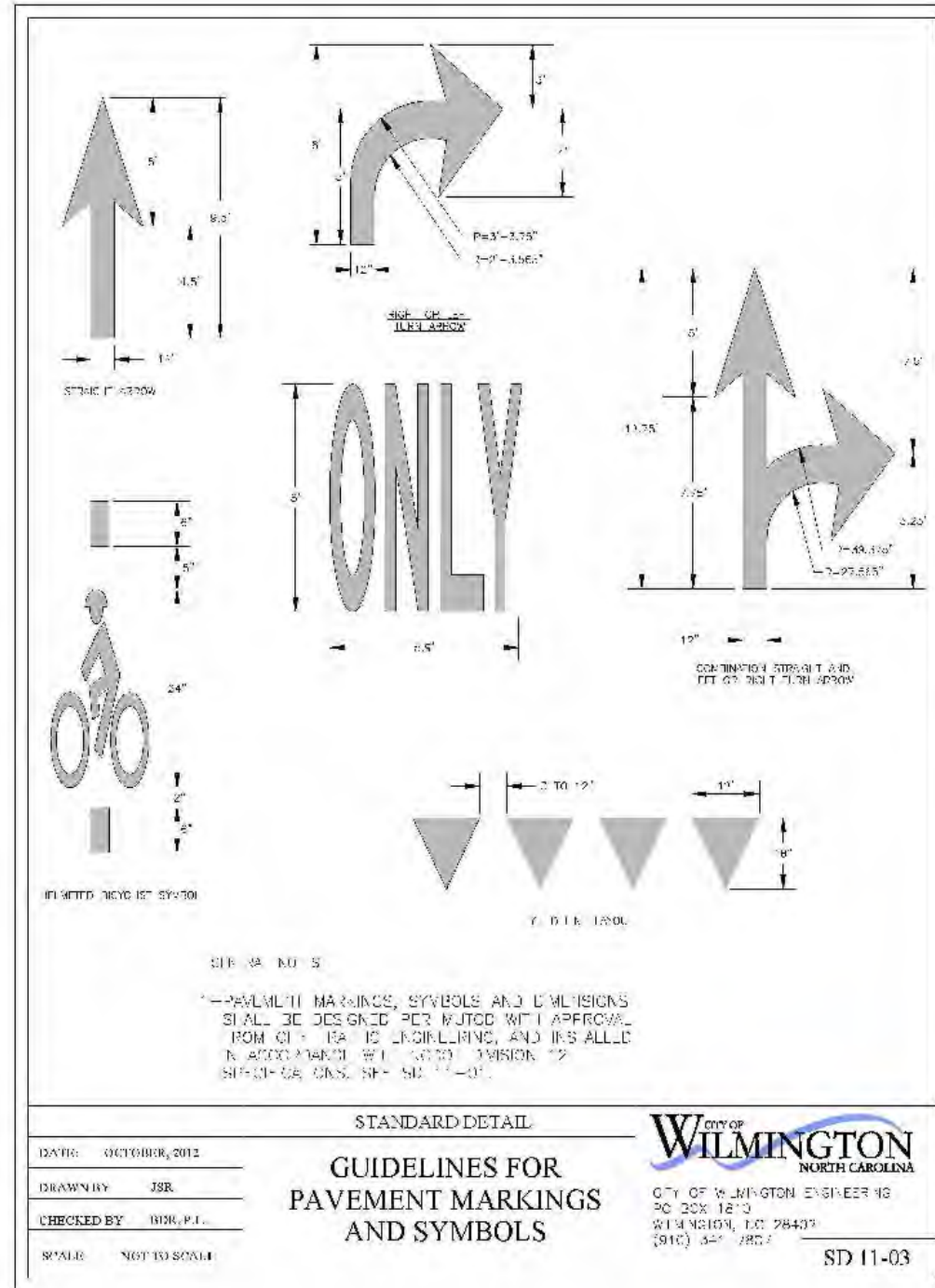


ASPHALT PAVEMENT SECTION (PARKING LOT)

CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____
Signed: _____

Approved Construction Plan
Name _____ Date _____
Planning _____
Traffic _____
Fire _____

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



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS:

06/16/18	1. CITY OF WILMINGTON, TRC COMMENTS, REVIEW #1
08/16/18	2. CITY OF WILMINGTON, TRC COMMENTS, REVIEW #2
01/11/19	3. I.C.D.W. TRC COMMENTS - TRANSPORTATION

CLIENT INFORMATION:

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NC License #: C-2846

WILMINGTON MUNICIPAL GOLF COURSE
311 DONALD ROSS DRIVE
WILMINGTON, NC 28409

PROJECT STATUS:
PRELIMINARY LAYOUT:
FINAL DESIGN:
RELEASED FOR CONSTRUCTION:
DATE: 01/11/19
SCALE: N.T.S.
DRAWN: ALE
CHECKED: BRE

SEAL:
CITY OF WILMINGTON
ENGINEER
031591
01/11/19

C-4.0

PEI JOB#: 18152.PE

