

THIRD & PRINCESS

PROPOSED 5-STORY OFFICE BUILDING

WILMINGTON, NORTH CAROLINA

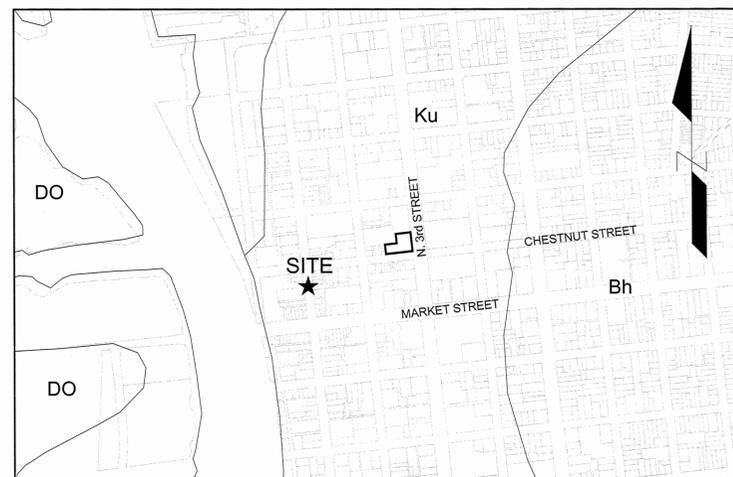
DESIGN DOCUMENTS

JANUARY 2014

PROJECT ADDRESS:
101 N. 3rd STREET
WILMINGTON, NC 28401



VICINITY MAP
SCALE: 1"=1000'



SOILS MAP
SCALE: 1"=500'

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

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

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

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

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.

CONTACT "CAROLINA ONE CALL" AT
1-800-632-4949

CONTACT THESE UTILITIES

- | | |
|---|--|
| CITY OF WILMINGTON, DEVELOPMENT SERVICES
ATTN: JEFF WALTON
PH: 910-341-3280 | CAPE FEAR PUBLIC UTILITY AUTHORITY (WATER & SEWER)
ATTN: FRANK STYERS
PH: 910-332-6670 |
| PIEDMONT NATURAL GAS
ATTN: CARL FROST
PH: 910-350-2242 | PROGRESS ENERGY
ATTN: KEVIN LEATHERWOOD
PH: 910-602-4304 |
| EMERGENCY DIAL 911
POLICE - FIRE - RESCUE | BELL SOUTH
ATTN: STEVE GAYVAULT
PH: 910-392-8712 |
| | TIME WARNER CABLE
PH: 910-763-4638 |

OWNER:
101 N. THIRD ST., LLC
1051 MILITARY CUTOFF ROAD, SUITE 200
WILMINGTON, NORTH CAROLINA 28405
ATTN: BRIAN ECKEL (910) 344-1000

ENGINEER (CIVIL):
PARAMOUNTE ENGINEERING, INC.
5911 OLEANDER DRIVE, SUITE 201
WILMINGTON, NORTH CAROLINA 28403
ATTN: ROB BALLAND, P.E. (910) 791-6707

ARCHITECT:
LS3P & ASSOCIATES LTD.
2528 INDEPENDENCE BLVD., SUITE 200
WILMINGTON, NORTH CAROLINA 28412
ATTN: DANNY ADAMS AIA, LEED AP
(910) 397-3632

SHEET INDEX	
SHEET NUMBER	SHEET TITLE
C-0.0	COVER SHEET
C-1.0	GENERAL NOTES
C-2.0	DEMOLITION PLAN
C-3.0	SITE LAYOUT
C-3.1	UTILITY LAYOUT
C-3.2	SITE INVENTORY MAP
C-4.0	GRADING, DRAINAGE & EROSION CONTROL PLAN
C-5.0	LANDSCAPE PLAN
C-6.0 - C-6.4	DETAILS

PREPARED BY:
PARAMOUNTE
ENGINEERING, INC.
5911 Oleander Drive, Suite 201
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846
PROJECT # 13247.PE

101 N. THIRD STREET, LLC
1051 MILITARY CUTOFF RD., SUITE 200
WILMINGTON, NC 28405

THIRD & PRINCESS



LS3P ASSOCIATES LTD.
2528 INDEPENDENCE BLVD. SUITE 200
WILMINGTON, NORTH CAROLINA 28412
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REVISIONS:

No.	Description	Date

PROJECT: 13247.PE
DATE: JANUARY 15, 2013
DRAWN BY: RPB
CHECKED BY: RPB

COVER SHEET

C-0.0

SOLUTIONS THROUGH LISTENING
SERVICE BY DESIGN
DESIGN DEVELOPMENT

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

- COORDINATION NOTES:**
- THE CONTRACTOR IS REQUIRED TO OBTAIN ANY/ALL PERMITS REQUIRED FOR CONSTRUCTION OF THESE PLANS.
 - ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND WITH THE CITY OF WILMINGTON, NEW HANOVER COUNTY, CAPE FEAR PUBLIC UTILITY AUTHORITY (CPFA), AND THE STATE OF NORTH CAROLINA.
 - THE CONTRACTOR IS TO ESTABLISH AND CHECK ALL HORIZONTAL AND VERTICAL CONTROLS TO BE USED WITH THE PROJECT. IN ADDITION, THE CONTRACTOR IS TO COMPUTE THE LAYOUT OF THE ENTIRE SITE PLAN IN ADVANCE OF BEGINNING ANY WORK ASSOCIATED WITH THE SUBJECT PLANS. CONTRACTOR SHALL EMPLOY A PROFESSIONAL SURVEYOR TO PERFORM SITE IMPROVEMENT STAKEOUTS.
 - 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 REFERRED EASEMENT.
 - CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS BY OTHERS FOR ALL BUILDING DIMENSIONS AND DETAILS.

- GENERAL NOTES:**
- EXISTING CONDITIONS AND TOPOGRAPHIC SURVEY COMPLETED BY PARAMOUNT ENGINEERING, INC. THE SURVEY SHALL BE FIELD VERIFIED BY CONTRACTOR AND ANY DISCREPANCIES REPORTED TO THE OWNER, OWNERS REPRESENTATIVE AND/OR ENGINEER IMMEDIATELY.
 - 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, ELECTRIC DEVICES, HAND DIGGING AND BY PERSONAL CONTACT WITH THE UTILITY COMPANIES. IN ORDER TO LOCATE EXISTING UTILITIES IN ADVANCE OF TRENCHING OPERATIONS SO AS TO ELIMINATE OR MINIMIZE DAMAGE TO EXISTING UTILITIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS RESULTING FROM ANY DAMAGE TO THE EXISTING UTILITY LINES INCLUDING LOSS OF UTILITY REVENUES. CONTRACTOR SHALL ARRANGE FOR TEMPORARY SUPPORT OF EXISTING UTILITIES, SUCH AS POLES, CONDUITS, FIBER OPTIC CABLES, TELEPHONE CABLES, WATER LINES, ETC.
 - CONTRACTOR SHALL COMPLY WITH THE LATEST REVISIONS AND INTERPRETATIONS OF THE DEPARTMENT OF LABOR SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION FORMULATED UNDER THE OCCUPATIONAL SAFETY AND HEALTH ACT.
 - CONTRACTOR SHALL PLAN AND CONSTRUCT WORK SO AS TO CAUSE MINIMUM INCONVENIENCE TO THE OWNER AND THE PUBLIC. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN AT ALL TIMES DURING THE PROGRESS OR TEMPORARY SUSPENSION OF WORK, SUITABLE BARRIERS, FENCES, SIGNS OR OTHER ADEQUATE PROTECTION, INCLUDING FLAGMEN AND WATCHMEN AS NECESSARY TO INSURE THE SAFETY OF THE PUBLIC AS WELL AS THOSE ENGAGED IN THE CONSTRUCTION WORK. CONSTRUCTION SIGNS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF "CONSTRUCTION AND MAINTENANCE OPERATIONS SUPPLEMENT TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" BY THE DOT.
 - 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.
 - ALL WORK BY THE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR AFTER THE OWNER ACCEPTS THE WORK.
 - CONTRACTOR SHALL CALL THE NORTH CAROLINA ONE-CALL CENTER AT 1 (800) 632-4949 AN ALLOW THE CENTER TO LOCATE EXISTING UTILITIES BEFORE DIGGING.

- DEMOLITION NOTES:**
- CONTRACTOR TO COORDINATE WITH THE OWNER TO PROPERLY MAINTAIN OR RELOCATE EXISTING SERVICE CONNECTIONS WHEN NECESSARY.
 - CONTRACTOR IS TO WALK THE SITE AND BECOME FAMILIAR WITH THE SCOPE OF DEMOLITION REQUIRED. ALL DEMOLITION WORK REQUIRED TO CONSTRUCT NEW SITE IMPROVEMENTS WILL BE PERFORMED BY THE CONTRACTOR AND WILL BE CONSIDERED UNCLASSIFIED EXCAVATION.
 - DEMOLITION SHALL INCLUDE BUT IS NOT LIMITED TO THE EXCAVATION, HAULING AND OFFSITE DISPOSAL OF CONCRETE PADS, CONCRETE DITCHES, FOUNDATIONS, SLABS, STEPS, AND STRUCTURES; ABANDONED UTILITIES, BUILDINGS, PAVEMENTS AND ALL MATERIALS CLEARED AND STRIPPED TO THE EXTENT NECESSARY AS DIRECTED BY THE SOILS ENGINEER FOR THE INSTALLATION OF THE NEW IMPROVEMENTS AND WITHIN THE LIMITS OF CLEARING AND GRADING AND AS SHOWN ON THESE PLANS.
 - THE CONTRACTOR SHALL PROTECT ALL ADJACENT PROPERTY, STRUCTURES AND UTILITIES ON THE PROPERTY NOT TO BE DEMOLISHED. DAMAGE TO PROPERTIES OF OTHERS DUE TO THE CONTRACTOR'S ACTIVITIES SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT NO COST TO OWNER.
 - ELECTRIC, TELEPHONE, SANITARY SEWER, WATER AND STORM SEWER UTILITIES THAT SERVICE OFF-SITE PROPERTIES SHALL BE MAINTAINED DURING THE CONSTRUCTION PROCESS BY THE CONTRACTOR.
 - THE CONTRACTOR SHALL PRODUCE A PHOTOGRAPHIC RECORD (DIGITAL) OF DEVELOPMENT COMMENCING WITH A RECORD OF THE SITE AS IT APPEARS BEFORE DEMOLITION HAS BEGUN. AFTERWARDS, A PHOTOGRAPHIC RECORD SHALL BE MAINTAINED WEEKLY DURING CONSTRUCTION AND ENDING WITH A PHOTOGRAPHIC RECORD OF THE DEVELOPMENT AS IT APPEARS AFTER DEMOLITION. THIS RECORD SHALL BE DELIVERED TO THE OWNER.
 - EXISTING CURB AND GUTTER, LIGHTS, SIDEWALK, AND UTILITIES NOT INTENDED FOR DEMOLITION SHALL BE MAINTAINED, PROTECTED AND UNDISTURBED DURING DEMOLITION.
 - ALL EXISTING IMPROVEMENTS INDICATED OR REQUIRED TO BE DEMOLISHED SHALL INCLUDE REMOVAL FROM THE PROPERTY AND PROPER DISPOSAL.
 - 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.
 - PROVIDE SMOOTH SAW CUT OF EXISTING PAVEMENTS, CURBS AND GUTTERS AND SIDEWALKS TO BE DEMOLISHED.
 - ALL DEMOLITION WORK SHALL BE DONE IN STRICT ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS AS WELL AS OSHA REGULATIONS.
 - EXISTING FIRE HYDRANTS ARE TO REMAIN IN SERVICE.
 - INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATIONS OF THE MAINS BY DIGGING TEST PITS BY HAND.

- TRAFFIC NOTES:**
- ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY FOR DRIVEWAY(S) ARE TO BE THERMOPLASTIC TO MEET CITY AND/OR NCDOT STANDARDS.
 - 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.
 - 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.
 - ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
 - ANY OPEN CUTTING OF A CITY STREET REQUIRES A UTILITY CUT PERMIT. CONTACT 341-5889 FOR MORE DETAILS. IN CERTAIN CASES, AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.
 - CONTACT TRAFFIC ENGINEERING, AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNAL FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN. CALL TRAFFIC ENGINEERING FORTY-EIGHT (48) HOURS PRIOR TO ANY EXCAVATION IN THE RV.
 - ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND/OR CURBING SHALL BE REPLACED.
 - TACTILE WARNING MATS TO BE INSTALLED AT ALL WHEELCHAIR RAMPS.
 - A LANDSCAPING PLAN, INDICATING THE LOCATION OF REQUIRED STREET, YARD PLANTINGS SHALL BE PROVIDED FOR REVIEW OF SIGHT DISTANCES AND ANY OTHER REQUIREMENTS OF TRAFFIC ENGINEERING.
 - ALL SIGNS AND PAVEMENT MARKINGS IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD STANDARDS.

- EROSION CONTROL AND SEQUENCE OF CONSTRUCTION NOTES:**
- NOTE: THESE EROSION CONTROL AND SEQUENCE OF CONSTRUCTION NOTES ARE INTENDED FOR EACH "PHASE" OF CONSTRUCTION. THE ORDER AND STEPS TAKEN MUST BE IMPLEMENTED AS EACH PART OF THE PROJECT IS DEVELOPED, WHETHER AS A WHOLE OR IN PHASES. ANY EROSION CONTROL MEASURES MUST REMAIN IN PLACE UNTIL THE ENTIRE BASIN IS DESIGNED TO HANDLE SEDIMENTATION AND EROSION IS STABILIZED AND ALL IMPROVEMENTS WITHIN THE BASIN ARE COMPLETE.
- CONSTRUCT TEMPORARY GRAVEL CONSTRUCTION ENTRANCE(S), ESTABLISH THE LIMITS OF DISTURBANCE, AND TEMPORARY SILT FENCE.
 - CLEAR AND REMOVE FROM SITE ALL TREES (ONLY ONES TO BE REMOVED), ROOTS, ROOT MAT, ETC. FROM THE AREA WITHIN THE DESIGNATED CLEARING LIMITS.
 - INSTALL REMAINING EROSION CONTROL MEASURES AS SHOWN ON THE PLANS WITHIN THE AREA DISTURBED. ALL EROSION CONTROL MEASURES MUST BE INSTALLED BEFORE COMMENCING CONSTRUCTION.
 - PLANT GRASS OVER ALL GRADED AREAS WITHIN 14 WORKING DAYS OF CEASE OF ANY GRADING ACTIVITY.
 - IMMEDIATELY UPON THE INSTALLATION OF ANY STORM DRAINAGE CATCH BASIN, DROP INLET, ETC., THE CONTRACTOR SHALL INSTALL INLET PROTECTION TO STOP ANY SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM.
 - 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.
 - DURING GRADING AND AFTER GRADING HAS BEEN COMPLETED, THE CONTRACTOR SHALL CONTINUE TO MAINTAIN PERMANENT AND TEMPORARY EROSION CONTROL MEASURES UNTIL FINAL APPROVAL.
 - UPON RECEIVING FINAL APPROVAL, THE CONTRACTOR CAN REMOVE TEMPORARY EROSION CONTROL MEASURES.
 - THE CONTRACTOR SHALL CONTINUE TO WATER, FERTILIZE, MOW AND MAINTAIN SPRIGGED, SOODED, AND PLANTED AREAS UNTIL ALL CONSTRUCTION IS COMPLETE.

- GENERAL EROSION AND SEDIMENT CONTROL NOTES:**
- THE EROSION CONTROL PLAN SHALL INCLUDE PROVISIONS FOR GROUND COVER ON ALL EXPOSED PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1 WITHIN 7 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY. GROUND COVER SHALL BE PROVIDED ON ALL OTHER DISTURBED AREAS WITHIN 14 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY.
 - 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. (NO SEPARATE PAYMENT).
 - THE CONTRACTOR SHALL NOTIFY PLAN APPROVING AUTHORITY ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO FINAL INSPECTION.
 - ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO CLEARING AND/OR LAND DISTURBANCE.
 - A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN AND PERMIT SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
 - 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. CONTRACTOR SHALL PAY ALL FEES REQUIRED AND SHALL INSTALL NECESSARY MEASURES AT NO SEPARATE PAYMENT. THE CONTRACTOR SHALL PROVIDE THE OWNER AND THE ENGINEER A COPY OF THE APPROVED PERMIT.
 - 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. (NO SEPARATE PAYMENT).
 - 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.
 - ALL AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE IMPROVED SHALL BE SOODED OR SEEDED AS INDICATED AND STABILIZED.
 - DURING Dewatering operations, WATER SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE PRIOR TO DISCHARGE TO RECEIVING OUTLET.

- GENERAL EROSION AND SEDIMENT CONTROL NOTES (CONT.):**
- THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.
 - 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. (NO SEPARATE PAYMENT). NCDENR'S FINAL REPORT IS REQUIRED.
 - TEMPORARY GRAVEL CONSTRUCTION ENTRANCE SHALL BE REQUIRED AT ALL CONSTRUCTION STAGING AREA ENTRANCES AND ALL CONSTRUCTION ACCESS LOCATIONS INTO NON-PAVED AREA. (NO SEPARATE PAYMENT).
 - WHEN CROSSING CREEK OR DRAINAGE-WAY, THE DIVISION OF WATER QUALITY SHALL BE CONTACTED PRIOR TO DISTURBING A CREEK. THE CONTRACTOR SHALL INSTALL RIP-RAP WITH FABRIC ALONG DISTURBED BANKS AND CHANNEL, AND RESTORE SLOPES TO ORIGINAL CONTOURS, BUT NOT STEEPER THAN 2:1 MAXIMUM. DISTURBED CREEK AREA SHALL BE STABILIZED IMMEDIATELY.

- MAINTENANCE PLAN:**
- 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.
 - ALL CONSTRUCTION ENTRANCES WILL BE PERIODICALLY TOP DRESSED WITH AN ADDITIONAL 2 INCHES OF #4 STONE TO MAINTAIN PROPER DEPTH. ANY SEDIMENT THAT IS TRACKED INTO THE STREET WILL BE IMMEDIATELY REMOVED.
 - SEDIMENT WILL BE REMOVED BEHIND THE SEDIMENT FENCE WHEN IT BECOMES 0.5 FEET DEEP AT THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. SILT FENCE STAKES WILL BE SPACED 8 FEET APART UNLESS A WIDE BACKING IS USED WITH 8 FOOT STAKE SPACING.
 - ALL SEEDED AREAS WILL BE FERTILIZED, RESEED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
 - INLET PROTECTION - INSPECT WIRE AND ROCK INLET PROTECTION AT LEAST ONCE A WEEK AND AFTER EACH SIGNIFICANT (1/4 INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. REMOVE SEDIMENT AND RESTORE THE SEDIMENT STORAGE AREA TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH. PLACE THE SEDIMENT THAT IS REMOVED IN THE DESIGNATED DISPOSAL AREA AND REPLACE THE CONTAMINATED PART OF THE GRAVEL FACING.

PERMANENT SEEDING SCHEDULE - MIXTURE SCP

Seeding Mixture

SPECIES	RATE (LB/ACRE)
CENTPEDE GRASS	10-20

Seeding Dates
MARCH - JUNE

Soil Amendments
APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 300 LB/ACRE 10-10-10 FERTILIZER.

Mulch
DO NOT MULCH.

Maintenance
FERTILIZE VERY SPARINGLY-20 LB/ACRE NITROGEN IN SPRING WITH NO PHOSPHORUS. CENTPEDE GRASS CANNOT TOLERATE HIGH PH OR EXCESS FERTILIZER.

TEMPORARY SEEDING-LATE WINTER/EARLY SPRING

Seeding Mixture

SPECIES	RATE (LB/ACRE)
RYE (GRAIN)	120
ANNUAL LESPEDEZA (KOBIE IN PIEDMONT AND COASTAL PLAIN, KOREAN MOUNTAINS)	50

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

WINTER AND EARLY SPRING

SPECIES	RATE (LB/ACRE)
RYE (GRAIN)	120

SUMMER

SPECIES	RATE (LB/ACRE)
GERMAN MILLET	40

FALL

SPECIES	RATE (LB/ACRE)
RYE (GRAIN)	120

- Soil amendments**
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER.
- Mulch**
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.
- Maintenance**
REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

- SITE NOTES:**
- ANY DISCREPANCY IN THIS PLAN AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE CONTRACTOR PRIOR TO START OF CONSTRUCTION. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL SETBACKS, EASEMENTS AND DIMENSIONS SHOWN HEREON BEFORE BEGINNING CONSTRUCTION.
 - CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.
 - ACCESS TO UTILITIES, FIRE HYDRANTS, STREET LIGHTING, ETC., SHALL REMAIN UNDISTURBED, UNLESS COORDINATED WITH THE RESPECTIVE UTILITY.
 - DO NOT SCALE THIS DRAWING AS IT IS A REPRODUCTION AND SUBJECT TO DISTORTION.
 - THE GENERAL CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT AND AT LEAST ONCE A WEEK DURING CONSTRUCTION.
 - THE GENERAL CONTRACTOR SHALL KEEP THE AREA OUTSIDE THE "CONSTRUCTION LIMITS" BROOM CLEAN AT ALL TIMES.
 - ALL UTILITIES TO SERVICE PROPOSED STRUCTURE SHALL BE UNDERGROUND ON SITE.
 - ALL STREET SURFACES, DRIVEWAYS, CULVERTS, CURB 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.
 - CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE PROJECT WITH A COPY OF THE TRANSMITTAL LETTER TO THE ENGINEER.
 - 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. NO DEPARTURES FROM THE CONTRACT DOCUMENT SHALL BE MADE WITHOUT THE PERMISSION OF THE OWNER, THE CITY OF WILMINGTON, NEW HANOVER COUNTY, OR CPFA, RESPECTIVELY.
 - CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES. THE LOCATION OF ALL EXISTING UTILITIES ARE NOT NECESSARILY SHOWN ON PLANS AND WHERE SHOWN ARE ONLY APPROXIMATE. THE CONTRACTOR SHALL ON HIS INITIATIVE AND AT NO EXTRA COST HAVE LOCATED ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. NO CLAIMS FOR DAMAGES OR EXTRA COMPENSATION SHALL ACCRUE TO THE CONTRACTOR FROM THE PRESENCE OF SUCH PIPE OTHER OBSTRUCTIONS OR FROM DELAY DUE TO REMOVAL OR REARRANGEMENT OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND STRUCTURES. CONTACT NORTH CAROLINA ONE CALL TOLL FREE 1-800-632-4949 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL NON-SUBSCRIBING UTILITIES.
 - THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSPECTIONS, CERTIFICATIONS, EQUIPMENT, ETC., THAT MAY BE REQUIRED.
 - THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
 - ALL LOT STRIPING AND DIRECTIONAL ARROWS TO BE REFLECTIVE MARKINGS AND SHALL CONFORM TO NCDOT. ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
 - ALL PARKING LOT DIMENSIONS ARE FROM FACE OF CURB UNLESS NOTED OTHERWISE.
 - 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.
 - SEEDING TO BE INSTALLED TO LOCAL REQUIREMENTS & STANDARD PRACTICES.
 - ALL DIMENSIONS AND RADII ARE TO OUTSIDE FACE OF BUILDING OR TO FACE OF CURB UNLESS OTHERWISE NOTED.

- NC ACCESSIBILITY NOTES:**
- GENERAL NOTES:**
- 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.
 - IT IS ESSENTIAL THAT CONTRACTORS ARE AWARE OF THE SITE ACCESSIBILITY REQUIREMENTS. CONTRACTORS ARE AWARE OF THE PARAMOUNT ENGINEERING HAS DEVELOPED THESE NOTES AND DETAILS TO ASSURE THAT CONTRACTORS ARE AWARE OF THE PROJECT. IN ADDITION, PARAMOUNT ENGINEERING HAS MADE A POINT IN THESE NOTES AND DETAILS, AS WELL AS IN OUR DRAWINGS, TO PROVIDE SLOPES / GRADES AND DIMENSIONS THAT COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NORTH CAROLINA BUILDING CODE/ANSI A117.1 AND APPLICABLE LOCAL LAWS & REGULATIONS. IF THESE SLOPES / GRADES AND DIMENSIONS ARE NOT ACHIEVABLE, THE CONTRACTOR IS REQUIRED TO CONTACT THE OWNER IMMEDIATELY AND BEFORE MOVING FORWARD WITH THE WORK.
 - THE CONTRACTOR SHALL NOTIFY PARAMOUNT ENGINEERING IMMEDIATELY OF ANY CONFLICT BETWEEN THESE NOTES AND DETAILS AND ANY PROJECT DRAWINGS, WHETHER BY PARAMOUNT ENGINEERING OR OTHERS. THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK FOR WHICH THE ALLEGED CONFLICT HAS BEEN DISCOVERED UNTIL SUCH ALLEGED CONFLICT HAS BEEN RESOLVED. NO CLAIM SHALL BE MADE BY THE CONTRACTOR FOR DELAY OR DAMAGES AS A RESULT OF RESOLUTION OF ANY SUCH CONFLICT(S).
 - THESE ACCESSIBILITY NOTES AND DETAILS ARE INTENDED TO DEPICT SCOPE AND DIMENSIONAL REQUIREMENTS ONLY. REFER TO SIDEWALK, CURBING, AND PAVEMENT DETAILS FOR ADDITIONAL INFORMATION.

- ACCESSIBLE ROUTE NOTES:**
- AT LEAST ONE ACCESSIBLE ROUTE SHALL BE PROVIDED WITHIN THE SITE FROM ACCESSIBLE PARKING SPACES AND ACCESSIBLE PASSENGER LOADING ZONES; PUBLIC STREETS OR SIDEWALKS; AND PUBLIC TRANSPORTATION STOPS TO THE ACCESSIBLE BUILDING OR FACILITY ENTRANCE THEY SERVE.
 - AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES THAT ARE ON THE SAME SITE.
 - 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%.
 - 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.
 - TRANSITIONS BETWEEN RAMPS, LANDINGS, GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES (1/4 INCH MAXIMUM VERTICAL CHANGE IS FIRM PERMITTED).
 - FLOOR SURFACES SHALL BE STABLE, FIRM AND SLIP RESISTANT.
 - THE MINIMUM CLEAR WIDTH OF EXTERIOR ACCESSIBLE ROUTES SHALL BE FORTY-EIGHT (48) INCHES MINIMUM MEASURED BETWEEN HANDRAILS WHERE HANDRAILS ARE PROVIDED (NC BUILDING CODE/ANSI 1104.2).
 - WHERE AN ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN OBJECT THAT IS LESS THAN FORTY-EIGHT (48) INCHES IN WIDTH, CLEAR WIDTH SHALL BE FORTY-TWO (42) INCHES MINIMUM. APPROXIMATELY TO THE TURN, FORTY-EIGHT (48) INCHES MINIMUM DURING THE TURN, AND FORTY-TWO (42) INCHES MINIMUM LEAVING THE TURN. THE CLEAR WIDTH APPROXIMATING AND LEAVING THE TURN MAY BE THIRTY-SIX (36) INCHES MINIMUM WHEN THE CLEAR WIDTH AT THE TURN IS SIXTY (60) INCHES MINIMUM. - SEE NOTE 7 ABOVE FOR NO CLEAR WIDTH OF EXTERIOR ACCESSIBLE ROUTES.
 - AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN SIXTY (60) INCHES SHALL PROVIDE PASSING SPACES AT INTERVALS OF TWO HUNDRED (200) FEET MAXIMUM. PASSING SPACES SHALL BE EITHER A SIXTY (60) INCH MINIMUM BY SIXTY (60) INCH MINIMUM SPACE OR AN INTERSECTION OF TWO (2) WALKING SURFACES THAT FORM A COMPLIANT T-SHAPED TURNING SPACE. THE BASE AND AREAS OF THE T-SHAPED SPACE EXTEND FORTY-EIGHT (48) INCHES MINIMUM BEYOND THE INTERSECTION.
 - 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.
 - DIRECTIONAL SIGNAGE INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE BUILDING ENTRANCE SHALL BE PROVIDED AT NECESSIBLE BUILDING ENTRANCES.
 - WHERE POSSIBLE, DRAINAGE INLETS SHALL NOT BE LOCATED ON AN ACCESSIBLE ROUTE. IN THE EVENT THAT A DRAINAGE INLET MUST BE LOCATED ON AN ACCESSIBLE ROUTE, THE GRATE SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), A117.1, THE NC BUILDING CODE, AND APPLICABLE LOCAL LAWS & REGULATIONS.

- RAMP NOTES:**
- ANY PART OF AN ACCESSIBLE ROUTE WITH A RUNNING SLOPE GREATER THAN 5% SHALL BE CONSIDERED A RAMP.
 - THE MAXIMUM RUNNING SLOPE FOR A RAMP SHALL BE 8.33% AND THE MAXIMUM CROSS SLOPE SHALL BE 2.0%.
 - 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.
 - THE RISE FOR ANY RAMP RUN SHALL BE THIRTY (30) INCHES MAXIMUM.
 - LANDINGS SHALL BE PROVIDED AT THE TOP AND BOTTOM OF RAMPS. LANDINGS SHALL HAVE A SLOPE NOT STEEPER THAN 2.0% IN ANY DIRECTION. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING. THE LANDING CLEAR LENGTH SHALL BE SIXTY (60) INCHES LONG MINIMUM. RAMPS THAT CHANGE DIRECTION BETWEEN RUNS AT LANDINGS SHALL HAVE A CLEAR LANDING OF SIXTY (60) INCHES BY SIXTY (60) INCHES MINIMUM.
 - RAMP RUNS WITH A RISE GREATER THAN SIX (6) INCHES SHALL HAVE HANDRAILS ON BOTH SIDES COMPLYING WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NC BUILDING CODE/ANSI A117.1, AND APPLICABLE LOCAL LAWS & REGULATIONS.
 - FLOOR SURFACES OF RAMPS AND LANDINGS SHALL BE STABLE, FIRM AND SLIP RESISTANT.
 - 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.
 - 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, WHERE DOORS THAT ARE SUBJECT TO LOCKING ARE ADJACENT TO A RAMP LANDING, LANDINGS SHALL BE SIZED TO PROVIDE A COMPLIANT TURNING SPACE.

- CURB RAMP NOTES:**
- THE MAXIMUM RUNNING SLOPE OF A CURB RAMP SHALL BE 8.33% AND THE MAXIMUM CROSS SLOPE SHALL BE 2.0%.
 - COUNTER SLOPES OF ADJOINING CURBS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE CURB RAMP SHALL NOT BE STEEPER THAN 5%. THE ADJACENT SURFACES AT TRANSITIONS AT CURB RAMPS TO WALLS, GUTTERS AND STREETS SHALL BE AT THE SAME LEVEL.
 - THE CLEAR WIDTH OF A CURB RAMP SHALL BE 36 INCHES (36) MINIMUM, EXCLUSIVE OF FLARED SIDES, IF PROVIDED. "NOTE NC BUILDING CODE REQUIRES EXTERIOR ACCESSIBLE ROUTES TO BE 48 INCHES MINIMUM WIDE (1104.1 & 1104.2)".
 - LANDINGS SHALL BE PROVIDED AT THE TOP OF CURB RAMPS. THE CLEAR LENGTH OF THE LANDING SHALL BE THIRTY-SIX (36) INCHES MINIMUM. THE CLEAR WIDTH OF THE LANDING SHALL BE AT LEAST AS WIDE AS THE CURB RAMP, EXCLUDING FLARED SIDES, LEADING TO THE LANDING. LANDINGS SHALL HAVE A 2% IN ANY DIRECTION.
 - 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.
 - WHERE PROVIDED, CURB RAMP FLARES SHALL NOT EXCEED 10%.
 - CURB RAMPS AND THE FLARED SIDES OF CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LINES, PARKING SPACES OR PARKING ACCESS AISLES. CURBS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.
 - CURB RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED VEHICLES.
 - IT IS RECOMMENDED TO PROVIDE CURB RAMPS WITH A TWENTY-FOUR (24) INCH DEEP DETECTABLE WARNING COMPLYING WITH 408.12 A117.1, EXTENDING THE FULL WIDTH OF THE RAMP. RESISTING DETECTABLE WARNING DETAILS AND NOTES FOR PLACEMENT, ORIENTATION AND NOTES, THE NC BUILDING CODE DOES NOT CURRENTLY REQUIRE DETECTABLE WARNINGS AT CURB RAMPS, NOR DO THE 2010 ADA STANDARDS - HOWEVER US DOT ADA REGULATIONS DO REQUIRE THESE.
 - 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.
 - WHERE PROVIDED, STOP LINES SHALL BE LOCATED IN ADVANCE OF CURB RAMP.
 - WHERE PROVIDED, PEDESTRIAN ACTIVATED SIGNALS SHALL BE LOCATED ADJACENT TO THE SIDEWALK AND NOT ON THE SIDEWALK.
 - WHERE PROVIDED, DRAINAGE INLETS SHALL BE LOCATED UPSTREAM OF CURB RAMPS AND NOT IN THE RAMP AREA.
 - CURB RAMP TYPE AND LOCATION ARE PER PLAN.

- PARKING SPACE NOTES:**
- ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTES OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE BUILDING ENTRANCE.
 - ACCESSIBLE PARKING SPACES SHALL BE AT LEAST NINETY-SIX (96) INCHES WIDE. ACCESS AISLES SHALL BE 60 INCHES WIDE. ONE OF SIX ACCESSIBLE SPACES SHOULD PROVIDE A VAN ACCESSIBLE SPACE. THE AISLE SHOULD BE 60 INCHES WIDE FOR ACCESSIBLE SPACE IS 11 FEET AND ACCESS AISLE IS FIVE FEET). WHERE PARKING SPACES AND ACCESS AISLES ARE MARKED WITH LINES, THE WIDTH MEASUREMENTS SHALL BE MADE FROM CENTERLINE OF THE MARKINGS. WHERE PARKING SPACES OR ACCESS AISLES ARE NOT ADJACENT TO ANOTHER PARKING SPACE OR ACCESS AISLE, MEASUREMENTS SHALL BE PERMITTED TO INCLUDE THE FULL WIDTH OF THE LINE DEFINING THE PARKING SPACE OR ACCESS AISLE.
 - PARKING ACCESS AISLES SHALL BE PART OF AN ACCESSIBLE ROUTE TO THE BUILDING OR FACILITY ENTRANCE AND SHALL COMPLY WITH PROVISIONS FOR ACCESSIBLE ROUTES. MARKED CROSSINGS SHALL BE PROVIDED WHERE THE ACCESSIBLE ROUTE MUST CROSS VEHICULAR TRAFFIC LANES. WHERE POSSIBLE, IT IS PREFERABLE THAT THE ACCESSIBLE ROUTE NOT PASS BEHIND PARKED VEHICLES.
 - TWO (2) ACCESSIBLE PARKING SPACES MAY SHARE A COMMON ACCESS AISLE.
 - ACCESS AISLES SHALL EXTEND THE FULL LENGTH OF THE PARKING SPACE THEY SERVE.
 - ACCESS AISLES SHALL BE MARKED SO AS TO DISCOURAGE PARKING IN THEM.
 - ACCESS AISLES SHALL NOT OVERLAP THE VEHICULAR WAY. ACCESS AISLES SHALL BE PERMITTED TO BE PLACED ON EITHER SIDE OF THE PARKING SPACE EXCEPT FOR ANGLED VAN PARKING SPACES WHICH SHALL HAVE ACCESS AISLES LOCATED ON THE PASSENGER SIDE OF THE PARKING SPACES.
 - FLOOR SURFACES OF PARKING SPACES AND ACCESS AISLES SERVING THEM SHALL BE STABLE, FIRM AND SLIP RESISTANT. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE PARKING SPACES THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED.
 - PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 2.0% IN ALL DIRECTIONS.
 - PARKED VEHICLE OVERHANGS SHALL NOT REDUCE THE REQUIRED CLEAR WIDTH OF AN ACCESSIBLE ROUTE.
 - PARKING SPACES FOR VANS AND ACCESS AISLES AND VEHICULAR ROUTES SERVING THEM SHALL PROVIDE A VERTICAL CLEARANCE OF NINETY-EIGHT (98) INCHES MINIMUM. SIGNS SHALL BE PROVIDED AT ENTRANCES TO PARKING FACILITIES INFORMING DRIVERS OF CLEARANCES AND THE LOCATION OF VAN ACCESSIBLE PARKING SPACES.
 - EACH ACCESSIBLE PARKING SPACE SHALL BE PROVIDED WITH SIGNAGE INCLUDING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. SIGNS SHALL BE INSTALLED AT A MINIMUM CLEAR HEIGHT OF SIXTY (60) INCHES ABOVE GRADE AND SHALL NOT INTERFERE WITH AN ACCESSIBLE ROUTE FROM AN ACCESS AISLE. SIGNS LOCATED WHERE THEY MAY BE HIT BY VEHICLES BEING PARKED SHALL BE INSTALLED WITH BOLLARD PROTECTION.
 - SIGNAGE AT ACCESSIBLE PARKING SPACES REQUIRED BY THE NC BUILDING CODE SECTION 1106.1 SHALL COMPLY WITH THE REQUIREMENTS OF NORTH CAROLINA GENERAL STATUTE 20-37.6 AND 138-30 AND THE NCDOT UNIFORM MANUAL ON TRAFFIC CONTROL DEVICES. A SEPARATE SIGN IS REQUIRED FOR EACH SPACE. SIGNS TO INDICATE THE MAXIMUM PENALTY MUST BE PROVIDED AT EACH ACCESSIBLE SPACE.
 - ACCESSIBLE PARKING SPACE, ACCESS AISLE STRIPING, AND INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE PAINTED BLUE (OR ANOTHER COLOR THAT CAN BE DISTINGUISHED FROM PAVEMENT).

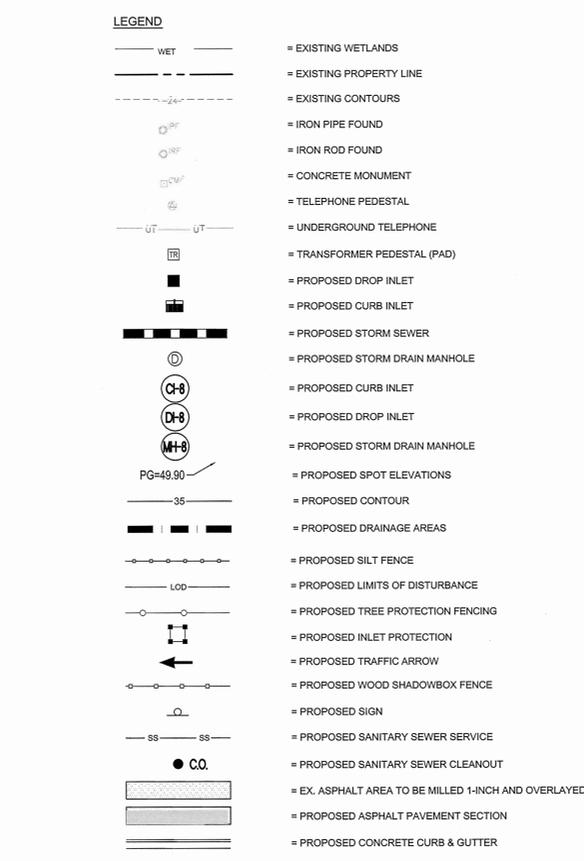
- PASSENGER LOADING ZONE NOTES:**
- PASSENGER LOADING ZONES SHALL PROVIDE VEHICULAR PULL-UP SPACE NINETY-SIX (96) INCHES WIDE MINIMUM AND TWENTY (20) FEET LONG MINIMUM.
 - PASSENGER LOADING ZONES SHALL PROVIDE A CLEARLY MARKED ACCESS AISLE THAT IS SIXTY (60) INCHES WIDE MINIMUM AND EXTENDS THE FULL LENGTH OF THE VEHICLE PULL-UP SPACE THEY SERVE.
 - ACCESS AISLE SHALL ADJOIN AN ACCESSIBLE ROUTE AND NOT OVERLAP THE VEHICULAR WAY.
 - VEHICLE PULL-UP SPACES AND ACCESS AISLES SERVING THEM SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 2.0% IN ALL DIRECTIONS. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE VEHICLE PULL-UP SPACE THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED.
 - FLOOR SURFACES OF VEHICLE PULL-UP SPACES AND ACCESS AISLES SERVING THEM SHALL BE STABLE, FIRM AND SLIP RESISTANT.
 - 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:**
- 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.
 - 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.

- GENERAL UTILITY NOTES:**
- ALL STORM SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF WILMINGTON REQUIREMENTS AS SPECIFIED ON THE DRAWINGS AND IN THE PROJECT SPECIFICATIONS.
 - BEDDING FOR ALL STORM SEWER PIPE SHALL BE AS SPECIFIED ON THE DRAWINGS.
 - ALL STORM SEWER PIPES SHOWN AS RCP ON THE PLANS SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM C-76, UNLESS INDICATED OTHERWISE ON PLANS.
- STORM WATER NOTES:**
- TOTAL SITE AREA = 19,777 SF (0.45 AC)
 - DISTURBED AREA = 25,582 SF (0.59 AC)
 - IMPERVIOUS AREA DRAINING TO STORMWATER SYSTEM = 18,623 SF (0.43 AC)

- WETLAND NOTES:**
- NO WETLANDS EXISTS ON THIS SITE.
- ROOF DRAIN NOTE:**
- PROPOSED BUILDING SHALL DIVERT ROOF DRAINAGE TO STORMWATER COLLECTION SYSTEM.

- EXISTING UTILITY NOTES:**
- 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 BEGINNING CONSTRUCTION.
 - EXISTING UTILITIES AND STRUCTURES SHOWN, BOTH UNDERGROUND AND ABOVE GROUND, ARE BASED ON A FIELD SURVEY AND THE BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY FIELD CONDITIONS PRIOR TO BEGINNING RELATED CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.



NPDES WATER QUALITY STABILIZATION TIME FRAMES

SITE AREA DESCRIPTION	STABILIZATION	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
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 50' IN LENGTH
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HOW ZONES

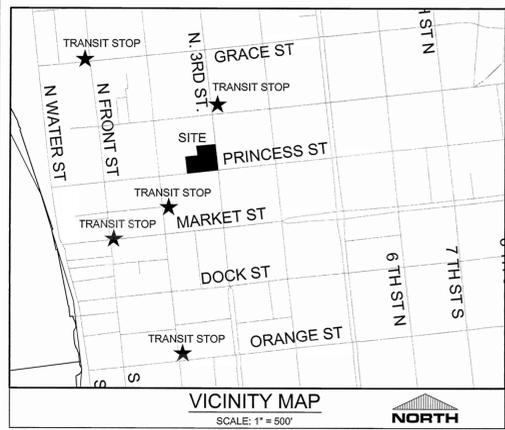
Approved Construction Plan

Name	Date
Planning _____	_____
Traffic _____	_____
Fire _____	_____

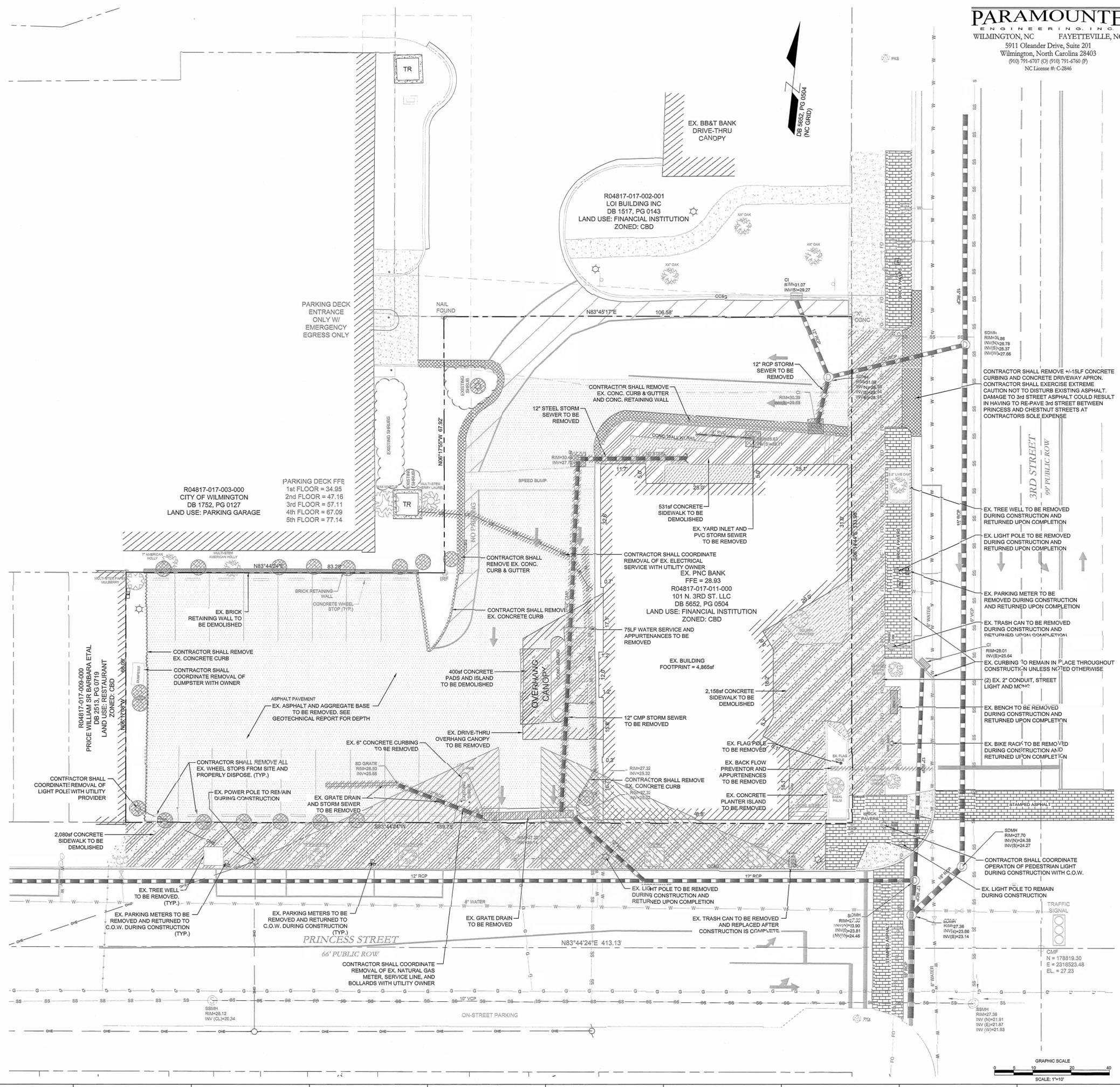
WILMINGTON NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN

Date: _____ Permit # _____
Signed: _____

NCDENR PWSS WATER PERMIT #: _____
WATER CAPACITY: _____ GPD
DWQ SEWER PERMIT #: _____
SEWER CAPACITY: _____ GPD
SEWER SHED # AND



- DEMOLITION NOTES:**
- 1.) CONTRACTOR SHALL REFER TO SHEET C-1.0 GENERAL NOTES FOR DEMOLITION NOTES.
 - 2.) CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANS FOR SPECIFIC TREE REMOVAL AND FOR HARDSCAPE REMOVAL ALONG 3rd STREET.
 - 3.) CONTRACTOR SHALL MAKE NO PAVEMENT CUTS INTO 3rd STREET WITHOUT THE WRITTEN PERMISSION OF THE OWNER AND THE CITY OF WILMINGTON.
 - 4.) CONTRACTOR SHALL REFER TO UTILITY LAYOUT, SHEET C-3.1, FOR FURTHER DEMOLITION NOTES.



SYMBOLS LEGEND

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND

	EXISTING ASPHALT TO BE REMOVED
	EXISTING CONC. CURB TO BE REMOVED
	EXISTING CONCRETE TO BE REMOVED
	EXISTING BRICK TO BE REMOVED
	EXISTING TREE TO BE REMOVED
	EXISTING UTILITY LINE TO BE REMOVED
	EXISTING STORM SEWER LINE TO BE REMOVED
	EXISTING STORM STRUCTURE TO BE REMOVED
	EXISTING SIGN/LIGHT/UTILITY POLE TO BE REMOVED

For each open utility out 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 _____

WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN

Date: _____ Permit #: _____

Signed: _____

NO. OF RWSS WATER PERMIT #: _____

WATER CAPACITY: _____ GPD

DWO SEWER PERMIT #: _____

SEWER CAPACITY: _____ GPD

SEWER SHED # AND PLANT: _____

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

PARAMOUNT ENGINEERING, INC.
WILMINGTON, NC FAYETTEVILLE, NC
5911 Oleander Drive, Suite 201
Wilmington, North Carolina 28403
(910) 791-6707 (O) (910) 791-6760 (F)
NC License #: C-2846

101 N. THIRD STREET, LLC
1051 MILITARY CUTOFF RD., SUITE 200 WILMINGTON, NC 28405

THIRD & PRINCESS



LS3P ASSOCIATES LTD.
2528 INDEPENDENCE BLVD., SUITE 200 WILMINGTON, NORTH CAROLINA 28412
TEL. 910.790.9901 FAX 910.790.3111
WWW.LS3P.COM



MEMBERS OF THE AMERICAN INSTITUTE OF ARCHITECTS

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REVISIONS:

No.	Description	Date

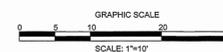
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DATE: JANUARY 15, 2014
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CHECKED BY: RPB

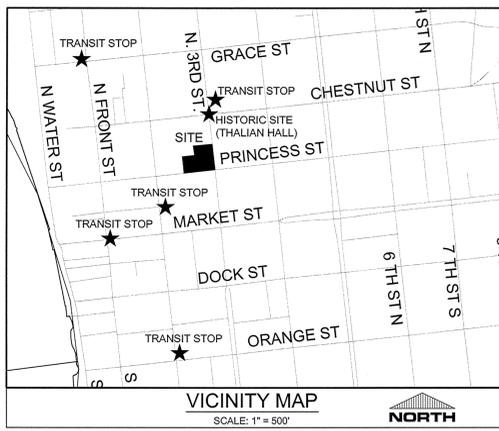
DEMOLITION PLAN

C-2.0

SOLUTIONS THROUGH LISTENING
SERVICE BY DESIGN
DESIGN DEVELOPMENT

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION





SITE DATA TABULATION

OWNER: 101 N. THIRD STREET, LLC
PROJECT ADDRESS: 101 N. THIRD STREET
NEW HANOVER COUNTY PARCEL #: 311708-88-4809-000 (0.45 AC)
TAX PARCEL IDENTIFICATION #: R04817-017-011-000
RECORDED LOT #: M.B. 5652, PG 0504
CURRENT ZONING: CENTRAL BUSINESS DISTRICT (CBD)
CAMA LAND USE CLASSIFICATION: URBAN
MINIMUM ALLOWABLE BUILDING HEIGHT: 36'
BY RIGHT BUILDING HEIGHT: 100'
MAXIMUM ALLOWABLE BUILDING HEIGHT: 132'
EXISTING LAND USE: FINANCE BANKS
PROPOSED LAND USE: RETAIL-OFFICE

SETBACK STANDARDS

MINIMUM FRONT SETBACK (3rd ST.)	PROVIDED	REQUIRED
	0 - 0.71 FT. (EAST)	AT LEAST 50% OF BUILDING SET AT PROPERTY LINE
MINIMUM SIDE SETBACK (PRINCESS ST.)	0 - 0.78 FT. (SOUTH)	AT LEAST 50% OF BUILDING SET AT PROPERTY LINE
MINIMUM SIDE SETBACK	0.0 FT. (NORTH)	0 FT.
MINIMUM REAR SETBACK	7.0 FT. (WEST)	0 FT.
ENCROACHMENT	0' INTO PUBLIC ROW	12' INTO PUBLIC ROW REVIEWED BY PLANNING STAFF

SITE INFORMATION

MINIMUM LOT SIZE	19,777 SF (0.45 AC)
PROPOSED IMPERVIOUS AREA	
TOTAL BUILDING (PROPOSED FOOTPRINT)	16,007 SF
ON-SITE PARKING & DRIVEWAYS (PROPOSED)	2,603 SF
ON-SITE SIDEWALKS (PROPOSED)	13 SF
TOTAL PROPOSED IMP. AREA	18,623 SF (0.43 AC)
EXISTING IMPERVIOUS AREA (PNC BANK)	
BUILDING (EXISTING)	5,538 SF
ON-SITE PARKING (EXISTING)	11,717 SF
ON-SITE SIDEWALKS (EXISTING)	1,373 SF
ON-SITE MISCELLANEOUS	0 SF
TOTAL EXISTING IMP. AREA	18,628 SF (0.43 AC)
ON-SITE EXIST. TO BE DEMOLISHED	18,628 SF (0.43 AC)
PROPOSED PERCENT IMPERVIOUS	18,623 / 19,777 = 94.2%
DISTURBED AREA:	25,582 SF (0.59 AC)

BUILDING INFORMATION

NUMBER OF EXISTING BUILDINGS	1
NUMBER OF PROPOSED BUILDINGS	1
EX. BUILDING AREA	5,538 SF
PROPOSED BUILDING SF	
1st FLOOR	7,700 SF
2nd FLOOR	15,850 SF
3rd FLOOR	15,850 SF
4th FLOOR	15,850 SF
5th FLOOR	14,658 SF
TOTAL	69,908 SF
HEIGHT AT TOP OF 5th FLOOR	74'-0"
LOT COVERAGE	80.9% (PROPOSED)
PERCENT OPEN/GLAZED ALONG PRINCESS STREET:	51%
PERCENT OPEN/GLAZED ALONG 3RD STREET:	52%

SITE PARKING

MINIMUM PARKING REQUIRED:	N/A
MAXIMUM PARKING ALLOWED:	N/A
TOTAL PARKING PROVIDED:	12 SPACES
HANDICAP PARKING REQUIRED:	1 SPACES
HANDICAP PARKING PROVIDED:	1 SPACES
PARKING PROVIDED:	12 SPACES (TOTAL)

UTILITY INFORMATION

SANITARY SEWER
 EX. SANITARY SEWER MAIN IS LOCATED WITHIN THE PRINCESS STREET RIGHT OF WAY. THIS PROJECT IS PROPOSING A 6-INCH SERVICE. SANITARY SEWER ALLOCATION PROVIDED BY CFPUA.

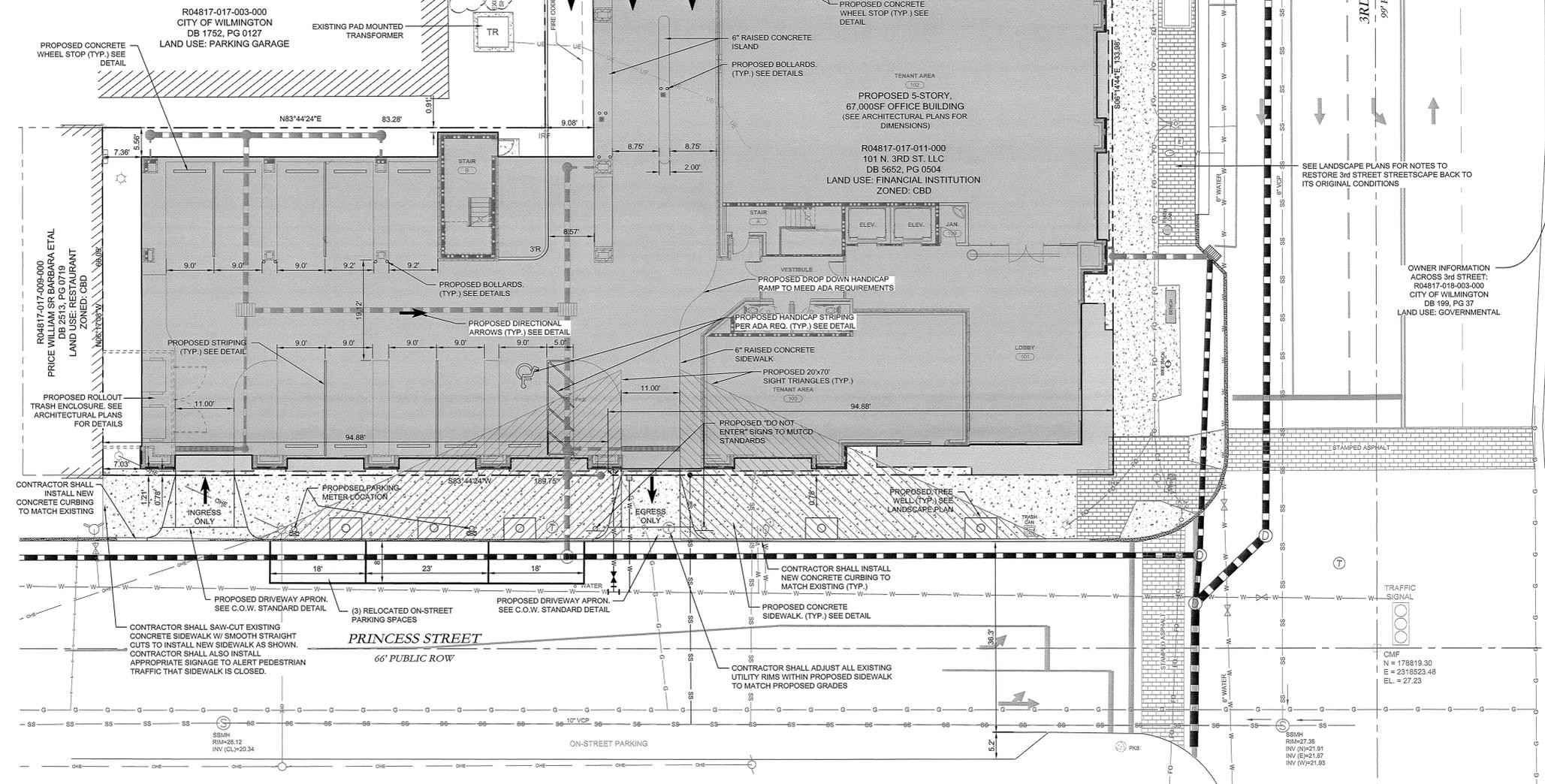
WATER
 AN 8-INCH WATER MAIN IS LOCATED WITHIN THE PRINCESS STREET RIGHT OF WAY. THE PROPOSED BUILDING HAVE A 6-INCH FIRE SERVICE AND A 2-INCH DOMESTIC SERVICE WILL BE CONNECTED TO THE EXISTING 8-INCH WATER MAIN. DOMESTIC WATER ALLOCATION PROVIDED BY CFPUA.

GAS
 BASED ON THE EXISTING CONDITIONS SURVEY, THERE IS AN EXISTING GAS METER LOCATED ALONG PRINCESS STREET THAT WILL NEED TO BE RELOCATED TO SERVICE THE PROPOSED PROJECT. GAS IS PROVIDED BY PIEDMONT NATURAL GAS.

FLOOD NOTE
 THIS PARCEL DOES NOT LIE IN THE 100 YEAR FLOOD PLAIN AS DETERMINED BY FEMA PANEL 3117, MAP # 3720311700K WITH AN EFFECTIVE DATE OF JUNE 2, 2006.

DRIVEWAY NOTE
 ALL EXISTING DRIVEWAYS ARE TO REMAIN WITH SOME MINOR RE-ALIGNMENTS.

- GENERAL NOTES:**
- ALL DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE CITY OF WILMINGTON LAND DEVELOPMENT CODE.
 - PROJECT SHALL COMPLY WITH ALL FEDERAL, STATE & NEW HANOVER COUNTY REGULATIONS.
 - INSTALL REFLECTORS PER CITY AND NCDOT STANDARDS.
 - ALL HVAC EQUIPMENT WILL BE LOCATED ON THE ROOF.
- CITY OF WILMINGTON SITE PLAN NOTES:**
- PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING SHALL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS, OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.
 - 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 MATERIALS WILL OCCUR IN THOSE AREAS.
 - 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 METHODS.
 - ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY ANIOR NCDOT STANDARDS.
 - 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 OF STREET NAME SIGNS.
 - 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.
 - CONTACT TRAFFIC ENGINEERING AT 910-341-7888 TO ENSURE THAT ALL TRAFFIC SIGNAL FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
 - CALL TRAFFIC ENGINEERING AT 910-341-7888 FORTY- EIGHT (48) HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.
 - TRAFFIC ENGINEERING MUST APPROVE OF PAVEMENT MARKING PRIOR TO ACTUAL STRIPING.
 - ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
 - ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER.
 - STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING CONSTRUCTION.
 - TACTILE WARNING MATS WILL BE INSTALLED ON ALL WHEELCHAIR RAMPS.
 - A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET.
 - ANY BROKEN OR MISSING SIDEWALK PANELS WILL BE REPLACED.
 - CONTACT KAREN DIXON AT 901-341-7888 TO DISCUSS STREET LIGHTING OPTIONS.
 - WATER AND SEWER SERVICES SHALL MEET CAPE FEAR PUBLIC UTILITY AUTHORITY (CFPUA) DETAILS AND SPECIFICATIONS.
 - 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 910-341-3910 FOR INFORMATION.
 - IF THE CONTRACTOR DESIRES CFPUA WATER FOR CONSTRUCTION, HE 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.
 - ANY IRRIGATION SYSTEM SUPPLIED BY CFPUA WATER SHALL COMPLY WITH THE CFPUA CROSS CONNECTION CONTROL REGULATIONS. CALL 910-341-3910 FOR INFORMATION.
 - ANY IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN AND FREEZER SENSOR.
 - ANY BACKFLOW PREVENTION DEVICES REQUIRED BY THE CFPUA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES BY USCFOCCHR OR ASSE.
 - CONTRACTOR TO FIELD VERIFY EXISTING WATER AND SEWER SERVICE LOCATIONS, SIZES AND MATERIALS PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED OF ANY CONFLICTS.
 - CONTRACTOR SHALL MAINTAIN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
 - UNDERGROUND FIRE LINES(S) 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 910.341.0696.
 - NO OBSTRUCTIONS ARE PERMITTED IN THE SPACE BETWEEN THIRTY (30) INCHES AND TEN (10) FEET ABOVE THE GROUND WITHIN THE TRIANGULAR SIGHT DISTANCE.
 - CONTACT THE NORTH CAROLINA ONE CALL CENTER AT 1-800-652-4949 PRIOR TO DOING ANY DIGGING, CLEARING, OR GRADING.



Parcel ID	Owner	Land Use
R04817-032-018-000	JAMAN WITHALANI, ET AL	LEGAL SERVICES
R04817-032-017-000	REV LUISA M J AMBROSIANO TRUST	LEGAL SERVICES
R04817-032-016-000	CRAIG T. WRIGHT	LEGAL SERVICES
R04817-032-015-000	OTIS WILKINSON III	LEGAL SERVICES
R04817-032-014-000	TEDES ENTERPRISES, INC	BUSINESS
R04817-032-013-000	H P LANG	BUSINESS
R04817-032-012-000	A FRASER PERRY, JR.	PERSONAL
R04817-032-011-001	ROBERT & CHRISTIANNA JOHNSON	LEGAL SERVICES
R04817-032-011-000	ROBERT & CHRISTIANNA JOHNSON	BUSINESS

PARAMOUNTE ENGINEERING, INC.
 WILMINGTON, NC FAYETTEVILLE, NC
 5911 Oleander Drive, Suite 201
 Wilmington, North Carolina 28403
 (910) 791-6707 (C) (910) 791-6760 (F)
 NC License #: C-2846

101 N. THIRD STREET, LLC
 1051 MILITARY CUTOFF RD., SUITE 200
 WILMINGTON, NC 28405

THIRD & PRINCESS



LS3P ASSOCIATES LTD.
 2625 INDEPENDENCE BLVD., SUITE 200
 WILMINGTON, NORTH CAROLINA 28412
 TEL. 910.790.9901 FAX 910.790.3111
 WWW.LS3P.COM



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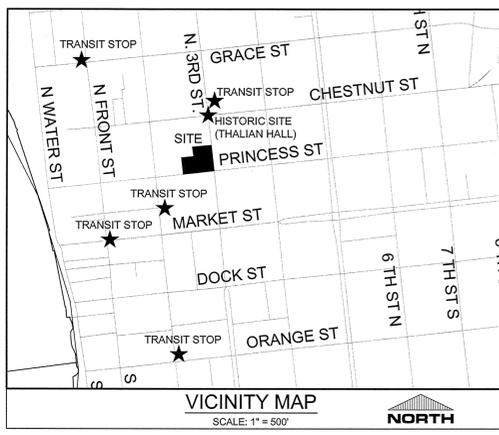
REVISIONS:

No.	Description	Date

PROJECT: 13247.PE
 DATE: JANUARY 15, 2014
 DRAWN BY: RPB
 CHECKED BY: RPB

SITE LAYOUT
C-3.0
 SOLUTIONS THROUGH LISTENING
 SERVICE BY DESIGN
DESIGN DEVELOPMENT

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION



SITE DATA TABULATION

OWNER: 101 N. THIRD STREET, LLC
 PROJECT ADDRESS: 101 N. THIRD STREET
 NEW HANOVER COUNTY PARCEL #: 311708-88-4809-000 (0.45 ac)
 TAX PARCEL IDENTIFICATION #: R04817-017-011-000
 RECORDED LOT #: M.B. 3552, PG 0504
 CURRENT ZONING: CENTRAL BUSINESS DISTRICT (CBD)
 CAMA LAND USE CLASSIFICATION: URBAN
 MINIMUM ALLOWABLE BUILDING HEIGHT: 36'
 BY RIGHT BUILDING HEIGHT: 100'
 MAXIMUM ALLOWABLE BUILDING HEIGHT: 132'
 EXISTING LAND USE: FINANCE BANKS
 PROPOSED LAND USE: RETAIL-OFFICE

UTILITY INFORMATION

SANITARY SEWER
 EX. SANITARY SEWER MAIN IS LOCATED WITHIN THE PRINCESS STREET RIGHT OF WAY. THIS PROJECT IS PROPOSING A 6-INCH SERVICE. THE EXISTING SEWER SERVICES LOCATED ON 3RD AND PRINCESS STREETS ARE EACH 4-INCH. SANITARY SEWER ALLOCATION PROVIDED BY CFPWA.

WATER
 AN 8-INCH WATER MAIN IS LOCATED WITHIN THE PRINCESS STREET RIGHT OF WAY. THE PROPOSED BUILDING WILL HAVE A 6-INCH FIRE SERVICE AND A 2-INCH DOMESTIC SERVICE CONNECTED TO THE EXISTING 8-INCH WATER MAIN. DOMESTIC WATER ALLOCATION PROVIDED BY CFPWA.

GAS
 BASED ON THE EXISTING CONDITIONS SURVEY, THERE IS AN EXISTING GAS METER LOCATED ALONG PRINCESS STREET THAT WILL NEED TO BE RELOCATED TO SERVICE THE PROPOSED PROJECT. GAS IS PROVIDED BY PIEDMONT NATURAL GAS.

USE INFORMATION

WATER:
 CURRENT USE: 1,320 GPD (ESTIMATED)
 PROPOSED USE: 10,250 GPD

SEWER:
 CURRENT USE: 1,320 GPD (ESTIMATED)
 PROPOSED USE: 10,250 GPD

FLOOD NOTE

THIS PARCEL DOES NOT LIE IN THE 100 YEAR FLOOD PLAIN AS DETERMINED BY FEMA PANEL 3117, MAP # 3720311700K WITH AN EFFECTIVE DATE OF JUNE 2, 2006.

UTILITY NOTES: (NCAC 15A.02T.0305 / T15A.18C.0906)

1. WATER MAINS SHALL BE LAID SO AS TO PROVIDE A MINIMUM HORIZONTAL SEPARATION OF 10 FEET FROM SEWERS. IF CONDITIONS EXIST SUCH THAT THIS SEPARATION CANNOT BE ACHIEVED, THE WATER MAIN CAN BE INSTALLED AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER, EITHER IN A SEPARATE TRENCH, OR IN THE SAME TRENCH ON A BENCH OF UNDISTURBED EARTH.
2. WHEN CROSSING A WATER MAIN OVER A SEWER, THE WATER MAIN SHALL BE LAID AT LEAST 18 INCHES ABOVE THE SEWER. IF CONDITIONS EXIST SUCH THAT THIS SEPARATION CANNOT BE ACHIEVED, BOTH THE WATER MAIN AND SEWER SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE WITH JOINTS THAT MEET WATER MAIN STANDARDS. THE DUCTILE IRON PIPE SHALL EXTEND 10 FEET ON EACH SIDE OF THE CROSSING WITH A SECTION OF WATER MAIN PIPE CENTERED ON THE CROSSING.
3. CROSSING A WATER MAIN UNDER A SEWER: WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS UNDER A SEWER, BOTH THE WATER MAIN AND THE SEWER SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING. A SECTION OF WATER MAIN PIPE SHALL BE CENTERED AT THE POINT OF CROSSING.
4. WHERE VERTICAL CLEARANCE IS LESS THAN 24" BETWEEN SANITARY SEWER AND STORM DRAIN, SANITARY SEWER SHALL BE DUCTILE IRON PIPE FOR A MINIMUM OF 10' EITHER SIDE OF CROSSING AND STORM DRAIN SHALL BE RC PIPE.
5. WHERE VERTICAL CLEARANCE IS LESS THAN 18" BETWEEN WATER MAIN AND STORM DRAIN, WATER MAIN SHALL BE DUCTILE IRON PIPE FOR A MINIMUM OF 10' EITHER SIDE OF CROSSING AND STORM DRAIN SHALL BE RC PIPE.

LEGEND

---	= EXISTING PROPERTY LINE
W	= EXISTING WATER MAIN
SS	= EXISTING SANITARY SEWER MAIN
---	= EXISTING OVERHEAD ELECTRIC
SS	= PROPOSED SANITARY SEWER SERVICE
W	= PROPOSED WATER SERVICE
UE	= PROPOSED ELECTRIC SERVICE
▨	= PROPOSED ASPHALT REPAIR AREA



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

Approved Construction Plan

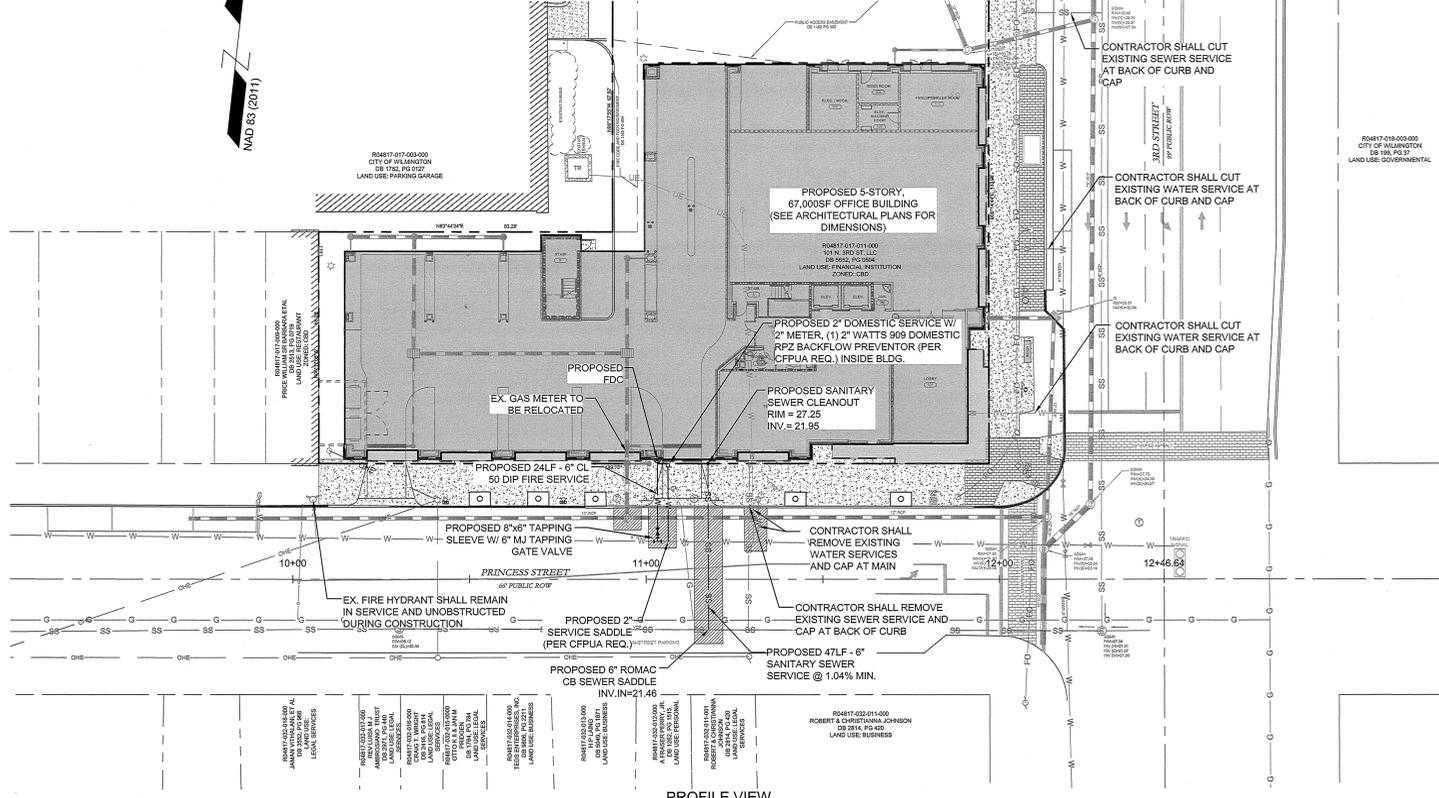
Name: _____ Date: _____

Planning: _____

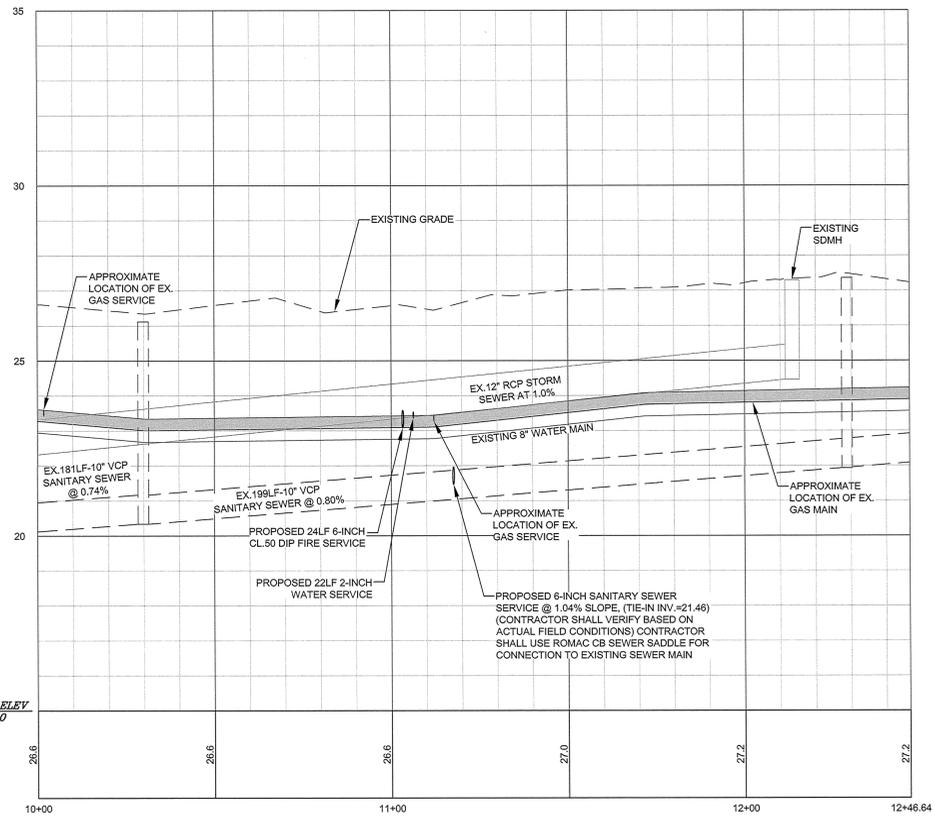
Traffic: _____

File: _____

NCDENR PWSS WATER PERMIT #:	_____
WATER CAPACITY:	_____ GPD
DVD SEWER PERMIT #:	_____
SEWER CAPACITY:	_____ GPD
SEWER SHED # AND PLANT:	_____
SEWER TO FLOW THROUGH NEI:	YES OR NO (CIRCLE ONE)



PROFILE VIEW
SCALE: 1"=20"



PROFILE VIEW
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=2'

OPEN CUT NOTES:

- 1) CONTRACTOR SHALL OPEN CUT & PATCH ROADWAY TO MAKE WATER MAIN AND SANITARY SEWER SERVICE CONNECTIONS. CONTRACTOR SHALL OBTAIN A UTILITY CUT PERMIT; CONTACT SKIET CARR (910) 341-5888 (SEE DETAIL).
- 2) CONTRACTOR SHALL CONTACT TOM PLATT WITH TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT OF WAY

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REVISIONS:

No.	Description	Date

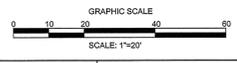
PROJECT: 13247.PE
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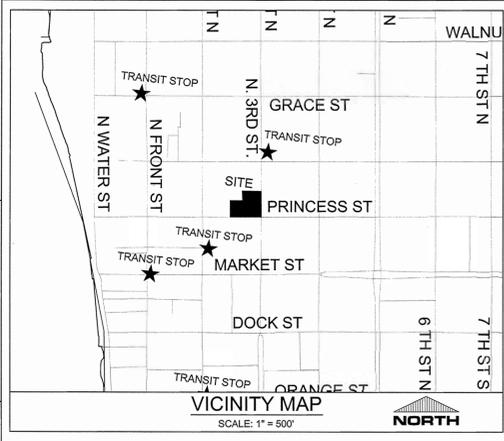
UTILITY LAYOUT

C-3.1

SOLUTIONS THROUGH LISTENING
 SERVICE BY DESIGN
 DESIGN DEVELOPMENT

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION





SITE DATA TABULATION

CURRENT ZONING: CBD (CENTRAL BUSINESS DISTRICT)

- LANDSCAPING**
- PARKING AREA LANDSCAPING:**
PARKING AREA IS ENTIRELY LOCATED UNDER THE STRUCTURE OF THE BUILDING. NO LANDSCAPE IS PROVIDED IN PARKING AREAS
- BUILDING SETBACK:**
THE BUILDING WILL BE LOCATED ON OR SET BACK LESS THAN ONE FOOT FROM THE PROPERTY LINES. ENTIRE AREA FROM CURB TO BUILDING WILL BE HARDCAPE OR STREET TREE PLANTING AS INDICATED ON THE PLAN.
- STREET TREES:**
- 3RD STREET STREET TREES WILL BE TREE SPADED, HELD OFF SITE DURING CONSTRUCTION, AND REPLANTED IN THE SAME PLACE AFTER BUILDING CONSTRUCTION IS COMPLETE.

EXISTING TREES:	QTY	SIZE	TYPE
	1	2.5"	LIVE OAK
	2	8"	GRAPE MYRTLE NATCHEZ
 - PRINCESS STREET TREES WILL BE REMOVED AND REPLACED WITH THE PROPOSED TREES AS SHOWN ON THIS PLAN.

EXISTING TREES:	QTY	SIZE	TYPE
	1	8"	GINKGO
	1	5"	GINKGO
	1	DOUBLE, 10", 10"	WILLOW OAK
	1	10.5"	WILLOW OAK
- STREET TREE REPLACEMENT REQUIREMENT:** 1 TREE/30 FT. OF FRONTAGE
STREET TREE REPLACEMENT PROVIDED: 145.8' / 30 = 4.86 TREES (ROUND UP TO 5 TREES)
STREET TREE REPLACEMENT PROVIDED: 5 TREES

TREES PROPOSED FOR REMOVAL WITHIN THE PROPOSED BUILDING FOOTPRINT/ SITE IMPROVEMENTS

EXISTING TREES:	QTY	SIZE	TYPE
	1	5' HT.	SABAL PALMETTO
	1	13' HT.	SABAL PALMETTO
	1	3.4, 2.1, 5"	MULTI-STEM GOLDEN RAIN TREE
	1	3.2, 5.3, 4.3"	MULTI-STEM PAPER MULBERRY
	1	7"	AMERICAN HOLLY
	1	4.3, 4.2, 5.6"	MULTI-STEM AMERICAN HOLLY
	1	20"	MULTI-STEM WAX MYRTLE
	1	25" HT.	MULTI-STEM CHERRY LAUREL

MITIGATION REQUIRED:	QTY	DBH SIZE	MULTIPLIER	REQ'D MITIGATION (# OF TREES)
	1	7"	AMERICAN HOLLY x 100% = 7" CAL/3 = 2.33"	2 TREES
	1	4.4, 6"	AMERICAN HOLLY x 100% = 14" CAL/3 = 4.67"	5 TREES

MITIGATION NOTE: ALL OTHER TREES REMOVED ARE LOCATED WITHIN THE FOOTPRINT OF THE BUILDING OR ESSENTIAL SITE IMPROVEMENT AREAS AND DO NOT REQUIRE MITIGATION

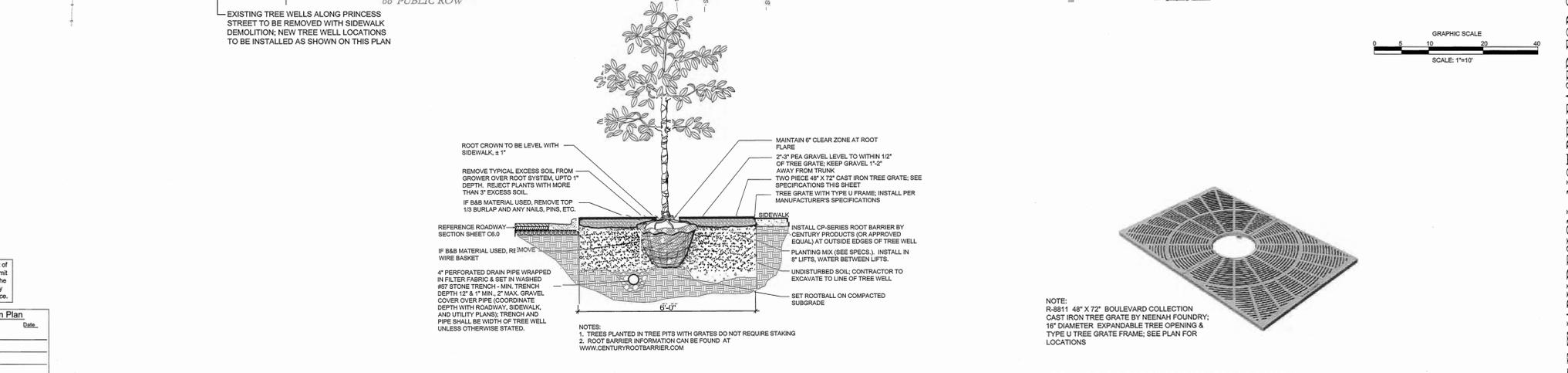
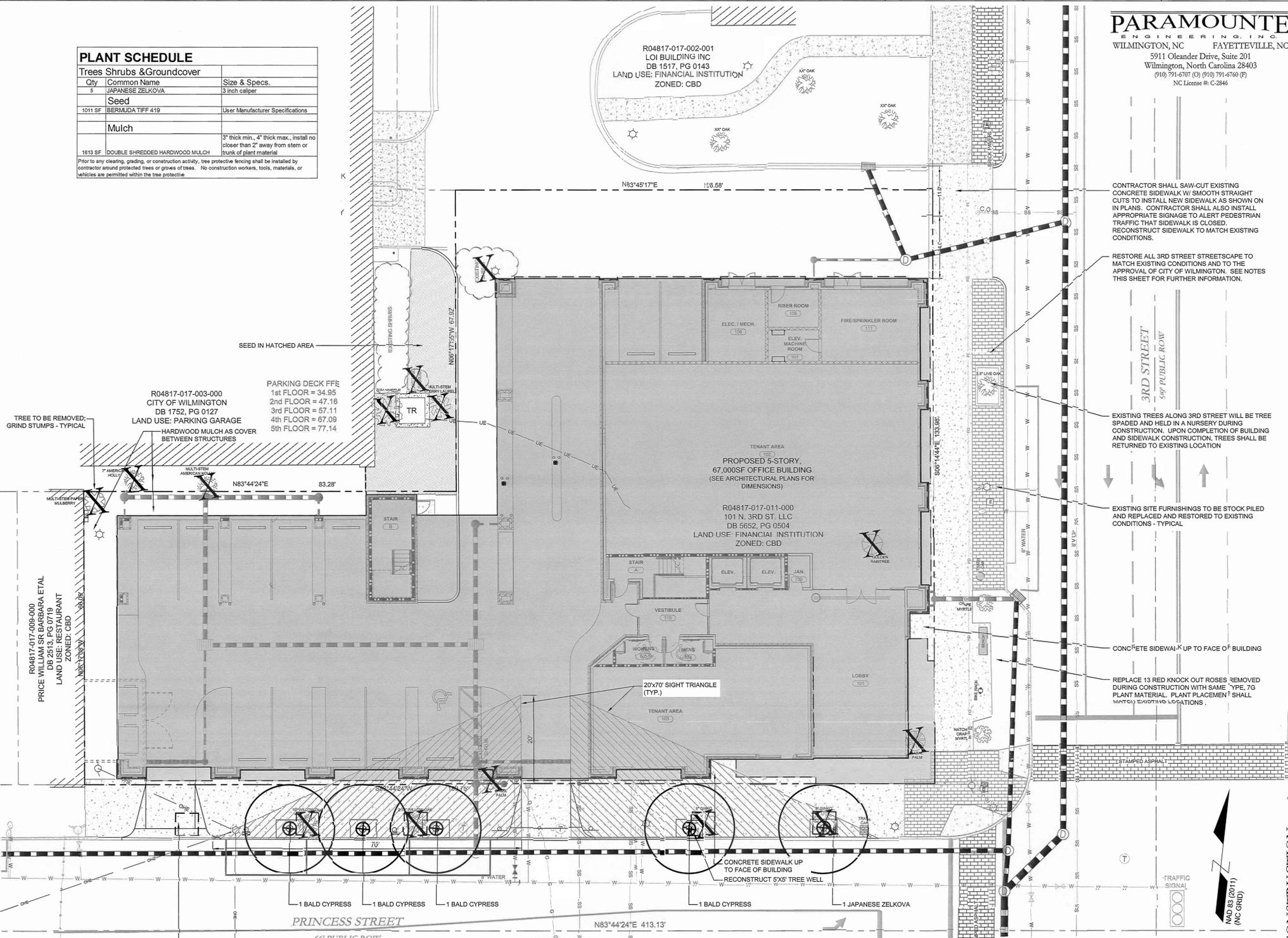
MITIGATION PAY-IN-LIEU FEE: 7 TREES x 350/ TREE = \$2450

- LANDSCAPE NOTES:**
- Contractor is responsible for identifying all utilities prior to beginning construction. Reference City of Wilmington Notes on Site Plan for more information.
 - Trees shall be located a minimum of 5 feet from sewer/water connections or as otherwise dictated by local regulations. Contractor shall be liable for damage to any and all public or private utilities.
 - All plant material shall meet the current version of the American Association of Nurserymen's Standards.
 - No existing trees shall be removed without approved tree removal permit from the City of Wilmington.
 - All planting areas, mulch areas and tree wells (excluding seeded areas) shall be mulched with 3 inch minimum and 4 inch maximum depth double shredded hardwood mulch unless otherwise noted.
 - Planting soil mix: Mix existing soil with the soil amendments and fertilizers in the quantities recommended by the soil testing laboratory, third party recognized by the State department of Agriculture or as otherwise approved by the Landscape Architect or Owner's Representative.
 - Any and all substitutions of plant material shall be approved by Landscape Architect or Owner's Representative. Failure in obtaining approval may result in liability to the Contractor.
 - The Contractor shall replace dead and/or unhealthy plant material within 12 months of acceptance of the installed material from the Owner or Owner's Representative.
 - The Contractor shall prepare all seeded or sodded areas to assure that the subgrade has been raked and rolled to accept the sod/seed. All sod/seed areas must be irrigated or hand watered. All sod shall be placed with staggered joints and no gaps between soil joints. Sod should be rolled after installation. All seeded and/or sodded areas should provide a smooth surface free of dips and unlevel ground.
 - Any irrigation shall be designed and installed by a licensed irrigation contractor in the state of North Carolina.
 - The Contractor is responsible for hand watering the installed plant material for a period of 6 months from the acceptance from the Owner or Owner's Representative if irrigation has not been installed. During the first 3 months, all material including seeded or sodded areas shall be hand watered once weekly or as needed to ensure survival of plants. The remaining 3 months all material shall be hand watered once per week.
 - Contractor is responsible for removing trash, debris and excess materials from the job site once the project is complete. Securing any materials left on site during the course of the project is the Contractor's responsibility and the Contractor will be required to replace any materials at the Contractor's cost.
 - There are no known contamination resources associated with this parcel.
 - Reference site plan and demolition plans for existing and proposed utility information.
 - Contractor shall supply all tree grates and root barriers as specified or substituted materials as approved by Owner and City of Wilmington.
 - Contractor is responsible for restoring/rebuilding the 3rd Street streetscape to existing conditions and as acceptable to City of Wilmington. Contractor is responsible for obtaining 3rd Street streetscape plans from City of Wilmington prior to installation of any materials along 3rd Street.
 - Contractor is responsible for transplanting, holding/storing/stock piling and replanting/installing all existing plant material and streetscape materials along 3rd Street. Contractor shall replace any damaged or unsatisfactory material with new material to match the same size, type and color of material installed back on site.

PLANT SCHEDULE

Qty	Common Name	Size & Specs.
5	JAPANESE ZELKOVA	3 inch caliper
1011 SF	BERMUDA TIF 419	User Manufacturer Specifications
1619 SF	DOUBLE SHREDED HARDWOOD MULCH	3" thick min., 4" thick max., install no closer than 2" away from stem or trunk of plant material

Prior to any clearing, grading, or construction activity, tree protective fencing shall be installed by contractor around protected trees or groves of trees. No construction workers, tools, materials, or vehicles are permitted within the tree protective



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

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

Planning: _____ Name: _____ Date: _____
Traffic: _____
File: _____

WCDENR PWSS WATER PERMIT #: _____ GPD
WATER CAPACITY: _____
DWQ SEWER PERMIT #: _____ GPD
SEWER CAPACITY: _____
SEWER SHED # AND PLANT: _____
SEWER TO FLOW THROUGH NEI: YES OR NO (CIRCLE ONE)

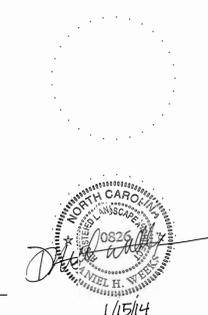
PARAMOUNT ENGINEERING INC.
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REVISIONS:

No.	Description	Date
1.		
2.		
3.		

PROJECT: 13247.PE
DATE: JANUARY 15, 2014
DRAWN BY: AHE
CHECKED BY: DHW

LANDSCAPE PLAN

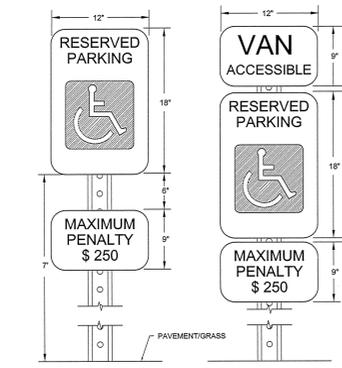
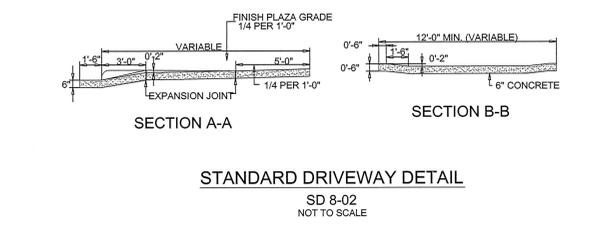
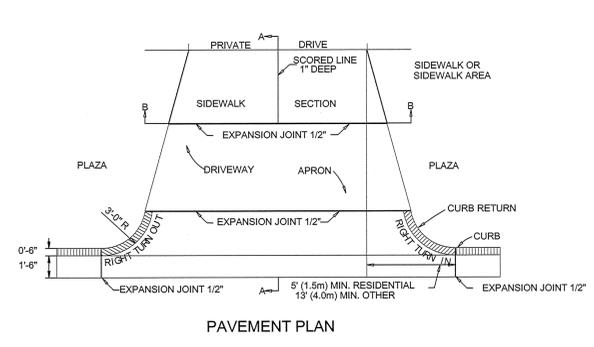
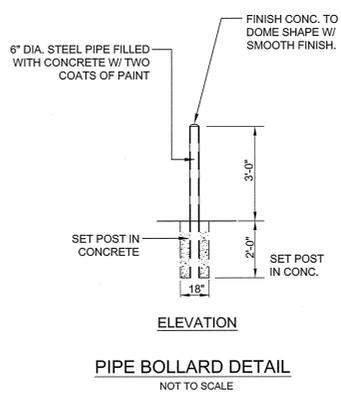
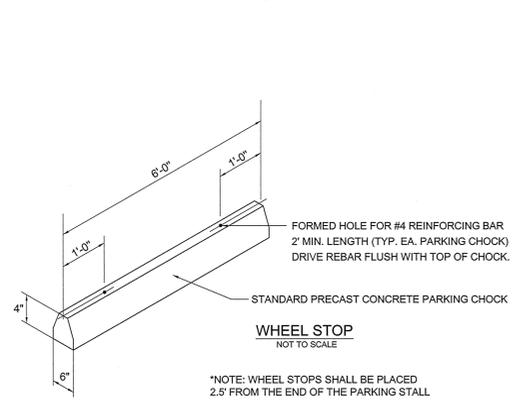
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SOLUTIONS THROUGH LISTENING
SERVICE BY DESIGN
DESIGN DEVELOPMENT

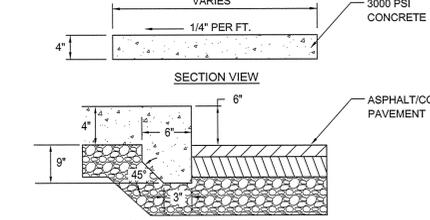
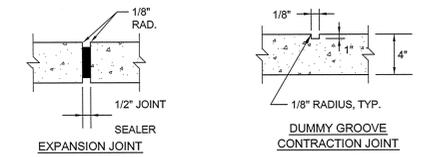
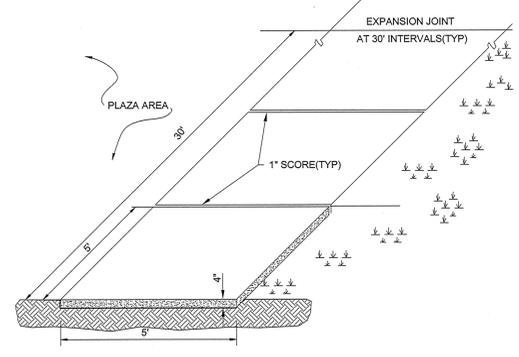
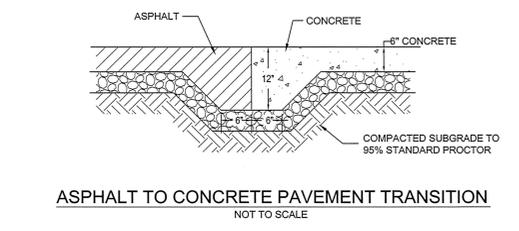
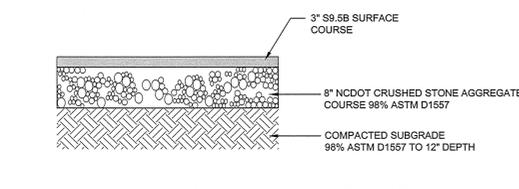
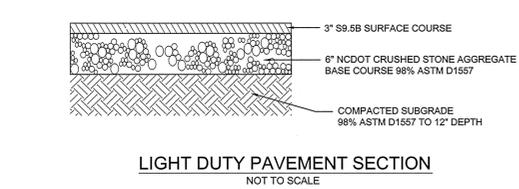
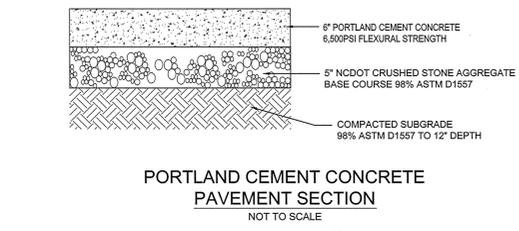
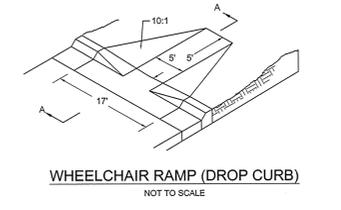
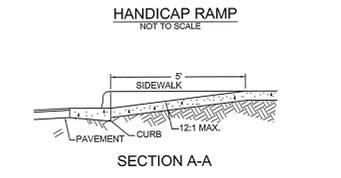
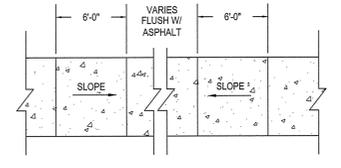
PRELIMINARY DESIGN - NOT RELEASED FOR CONSTRUCTION

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

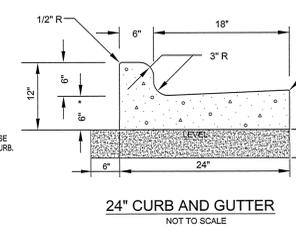
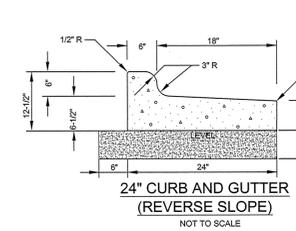
E
D
C
B
A



- NOTES:**
- METAL POST AND ALL HARDWARE SHALL BE GALVANIZED STEEL, ASTM A307-90.
 - POST HOLES SHALL BE FILLED WITH GRANULAR BACKFILL IN 3-INCH TO 4-INCH LIFTS. THOROUGHLY HAND TAMP EACH LIFT AND CROWN BACKFILL AT TOP TO SHED WATER.
 - CONCRETE FOR FOOTING SHALL BE PORTLAND CEMENT AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - SIGNS SHALL BE CONSTRUCTED OF ALUMINUM, TYPE 6061-T6 AND IN CONFORMANCE WITH ASTM STD B202. THICKNESS SHALL BE 0.80 INCHES.
 - TOP EDGE TREATMENT FILM SHALL BE 3" WIDE, CLEAR AND TRANSPARENT WITH A SUB-RESISTANT PRESSURE SENSITIVE NON-YELLOWING ADHESIVE, "SKOTCHICAL" TRANSPARENT FILE #638.
 - REFLECTIVE FACING MATERIAL SHALL BE SCOTCHLITE HIGH INTENSITY, MANUFACTURED BY 3M COMPANY.
 - SIGN LETTERING SHALL BE NPS MODIFIED CLARENDON TYPEFACE. UPPERCASE LETTERS SHALL BE 3.75" HEIGHT AND LOWERCASE LETTERS SHALL BE 2.5" HEIGHT WITH 3.75" SPACING BETWEEN LINES.
 - CORNER RADIUS OF SIGNS SHALL BE 2.5".
 - ARROWS SHALL BE 5.625" LONG BY 3.75" HIGH.
 - MOUNT ON BUILDING OR METAL POST AS DIRECTED.



STANDARD SIDEWALK DETAIL
SD 8-15
NOT TO SCALE



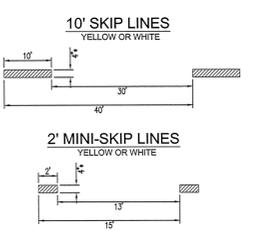
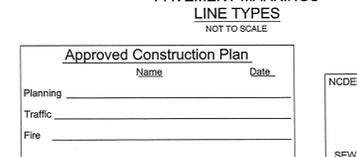
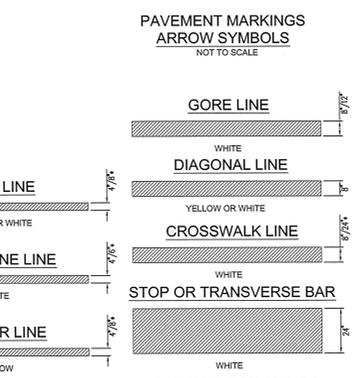
- GENERAL NOTES:**
- CONTRACTION JOINTS SHALL BE SPACED AT MAX. 10' INTERVALS, EXCEPT THAT A 15 FOOT SPACING MAY BE USED WHEN A MACHINE IS USED OR WHEN SATISFACTORY SUPPORT FOR THE FACE FORM CAN BE OBTAINED WITHOUT THE USE OF TEMPLATES AT 10 FOOT INTERVALS. JOINT SPACING MAY BE ALTERED BY THE ENGINEER TO PREVENT UNCONTROLLED CRACKING. CONTRACTION JOINTS MAY BE INSTALLED BY THE USE OF TEMPLATES OR FORMED BY OTHER APPROVED METHODS. WHERE SUCH JOINTS ARE NOT FORMED BY TEMPLATES, A MINIMUM DEPTH OF 1-1/2" SHALL BE OBTAINED. ALL CONTRACTION JOINTS EXCEPT IN 8" X 6" MEDIAN CURB SHALL BE FILLED WITH JOINT SEALER. EXPANSION JOINTS SHALL BE SPACED AT 90' INTERVALS AND ADJACENT TO ALL RIGID OBJECTS.

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

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

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

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



- GENERAL NOTES**
- ALL PAVEMENT MARKING SYMBOLS SHALL BE WHITE IN COLOR
 - PAVEMENT MARKING SYMBOLS SHALL NOT BE LOCATED AS TO ENCRUSCH INTO INTERSECTION AREAS.
 - ON PORTLAND CEMENT CONCRETE PAVEMENTS, PAVEMENT MARKING SYMBOLS SHALL NOT BE PLACED ACROSS TRANSVERSE EXPANSION JOINTS UNLESS APPROVED BY THE ENGINEER.



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REVISIONS:

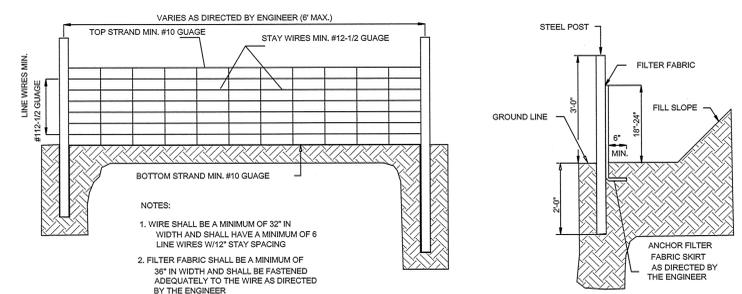
No.	Description	Date

PROJECT: 13247.PE
 DATE: JANUARY 15, 2014
 DRAWN BY: RPB
 CHECKED BY: RPB

DETAILS

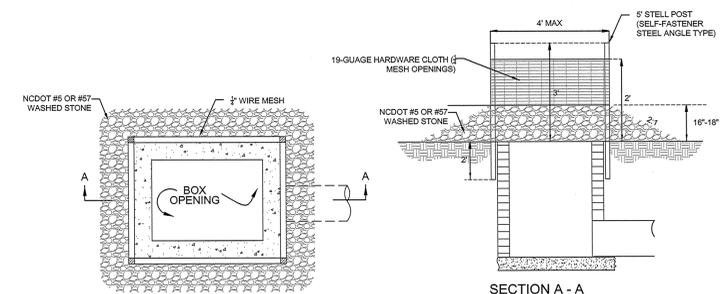
C-6.1

SOLUTIONS THROUGH LISTENING
 SERVICE BY DESIGN
 DESIGN DEVELOPMENT

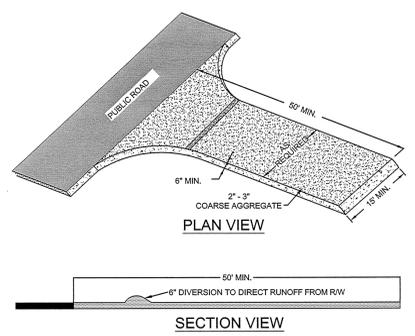


- NOTES:
1. WIRE SHALL BE A MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES W/12" STAY SPACING
 2. FILTER FABRIC SHALL BE A MINIMUM OF 36" IN WIDTH AND SHALL BE FASTENED ADEQUATELY TO THE WIRE AS DIRECTED BY THE ENGINEER
 3. STEEL POST SHALL BE 6' IN HEIGHT AND BE OF SELF FASTENER ANGLE STEEL TYPE

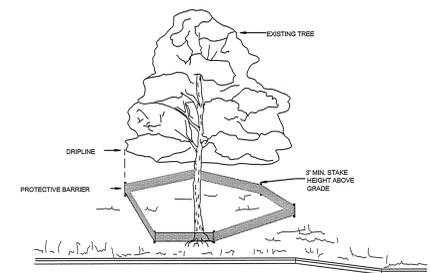
GUIDELINES FOR TEMPORARY SILT FENCE DETAIL
 NOT TO SCALE



INLET PROTECTION
 NOT TO SCALE



TEMPORARY CONSTRUCTION ENTRANCE
 NOT TO SCALE



METHOD OF TREE PROTECTION DURING CONSTRUCTION
 NOT TO SCALE

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

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

Approved Construction Plan

Name	Date
Planning _____	_____
Traffic _____	_____
Fire _____	_____

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

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION



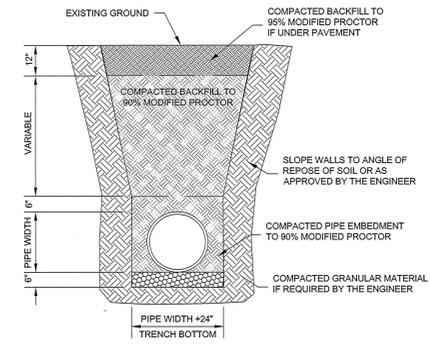
REVISIONS:

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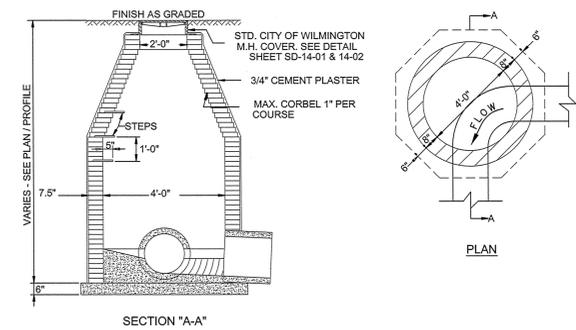
PROJECT: 13247.PE
DATE: JANUARY 15, 2014
DRAWN BY: RPB
CHECKED BY: RPB

DETAILS

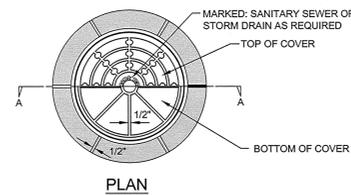
C-6.2



STANDARD PIPE TRENCH DETAIL
SD 1-07
NOT TO SCALE

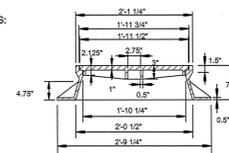


GUIDELINES FOR STORM DRAIN MANHOLE
SD 2-03
NOT TO SCALE

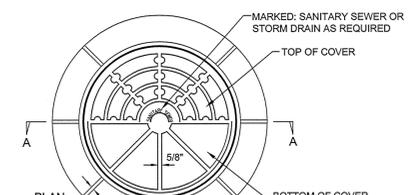


RING & COVER CONTACT SURFACES SHALL BE MACHINED TO INSURE EVEN BEARING OF COVER AND RING

MINIMUM WEIGHTS:
RING 190 LBS.
COVER 120 LBS.

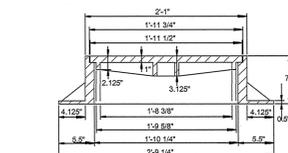


SECTION "A-A"
STANDARD MANHOLE RING AND COVER
SD 14-01
NOT TO SCALE



NOTE:
RING & COVER CONTACT SURFACES SHALL BE MACHINED TO INSURE EVEN BEARING OF COVER AND RING

MINIMUM WEIGHTS:
RING 261 LBS.
COVER 120 LBS.



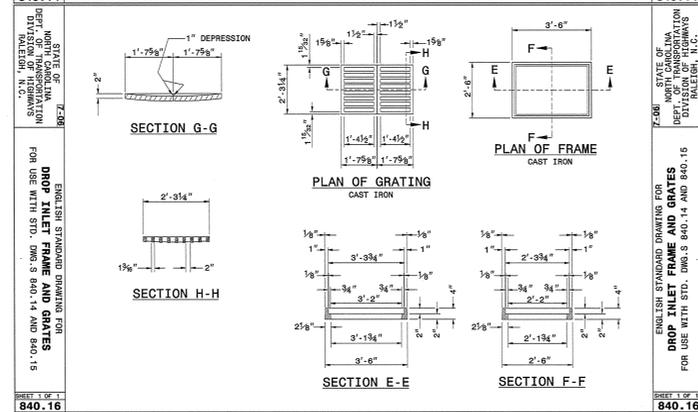
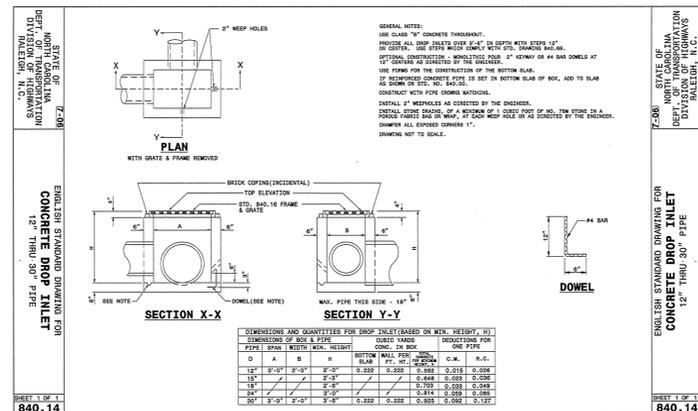
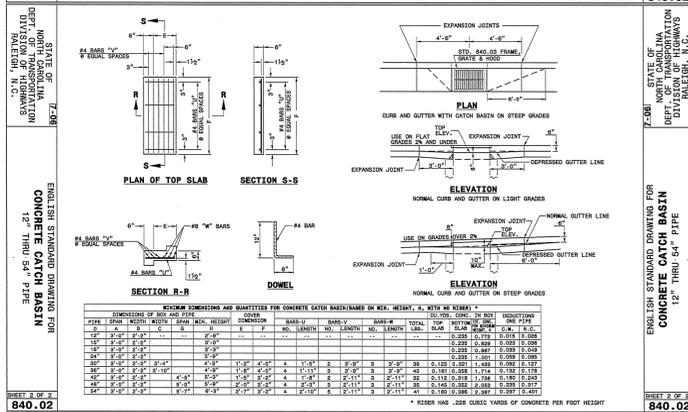
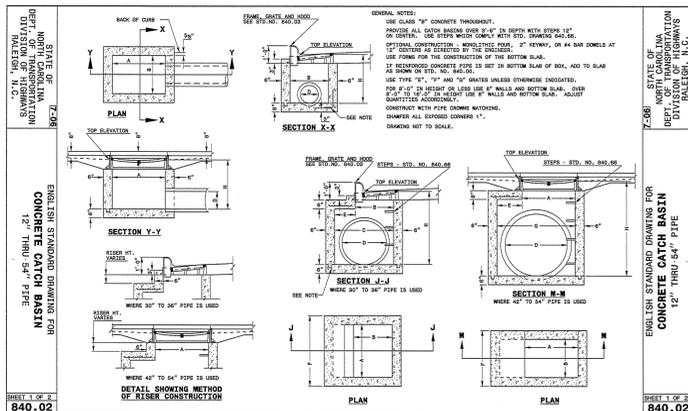
SECTION "A-A"
STANDARD MANHOLE RING AND COVER
SD 14-02
NOT TO SCALE

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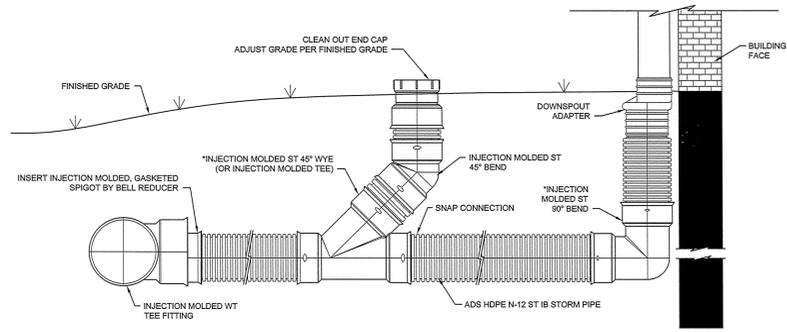
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NORTH CAROLINA
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SEWER CAPACITY: _____ GPD
SEWER SHED # AND PLANT: _____
SEWER TO FLOW THROUGH NET: YES or NO (CIRCLE ONE)



ENGLISH STANDARD DRAWING FOR DROP INLET FRAME AND GRATES SD 840-15
NOT TO SCALE



ROOF DRAIN DETAIL WITH CLEANOUTS
NOT TO SCALE

NOTES:
1. INJECTION MOLDED FITTINGS ARE AVAILABLE IN TEES, WYES, REDUCERS, 45° BENDS AND BELL/BELL COUPLERS.
2. WT INJECTION MOLDED FITTINGS AND VT PIPE CAN BE SUBSTITUTED FOR WATER TIGHT APPLICATIONS

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION