

PRELIMINARY DEVELOPMENT PLANS

for

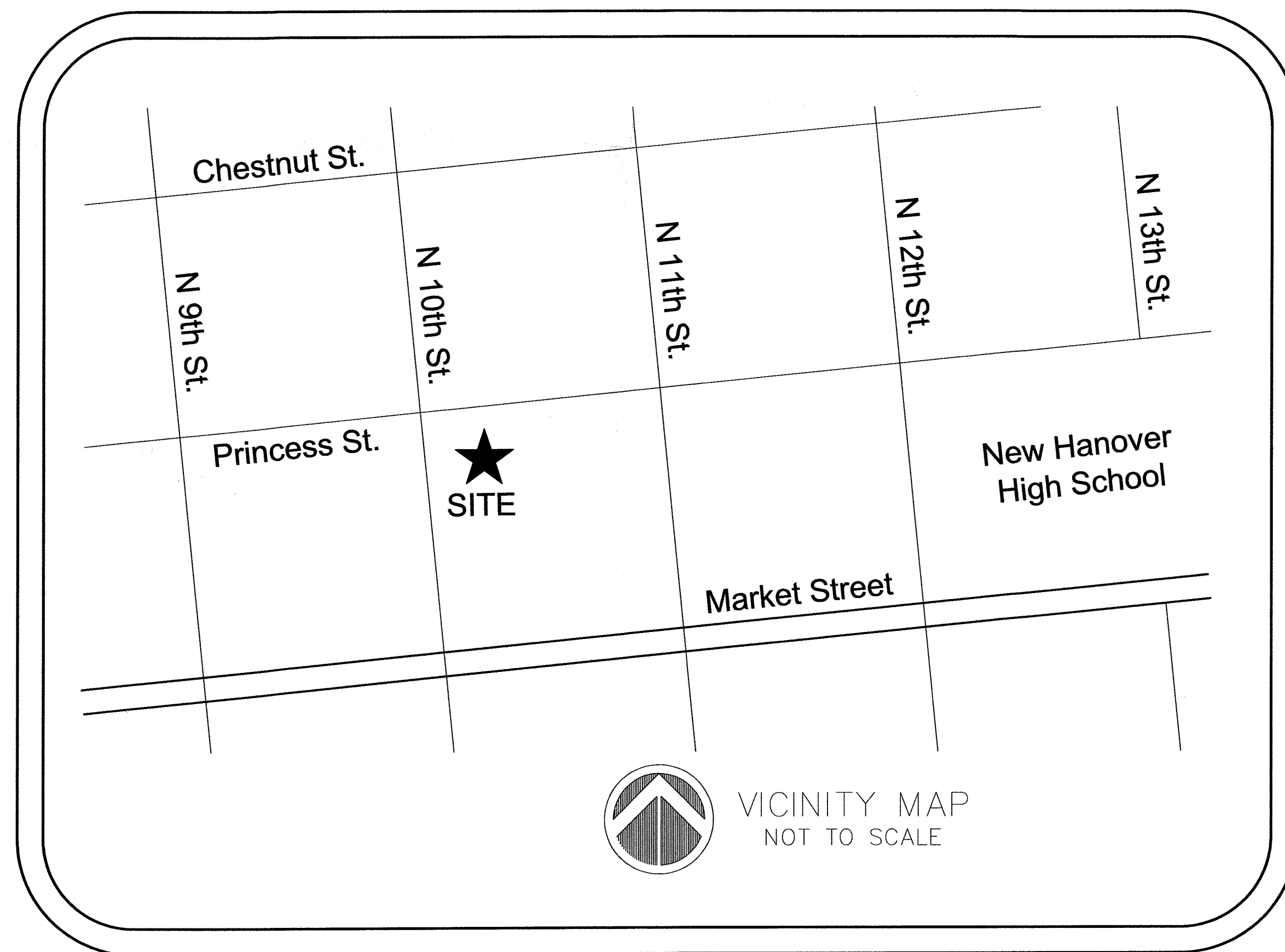
TIDEWATER BREWING COMPANY

1002 PRINCESS STREET
WILMINGTON, NC 28401

General Notes:

- Prior to any clearing, grading, or construction activity, tree protection fencing will be installed around protected trees or groves of trees and no construction workers, materials, or vehicles are permitted within the tree protection fencing.
- All pavement markings in public rights-of-way and for driveways are to be thermoplastic and meet City and/or NCDOT standards.
- Once streets are open to traffic, contact Traffic Engineering to request 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 341-7888 to ensure that all traffic signals facilities and equipment are shown on the plan. Add a note to call Traffic Engineering at 341-7888 forty-eight hours prior to any excavation in the right-of-way.
- Any broken or missing sidewalk panels, driveway panels and curbing will be replaced.
- Contact TRAFFIC ENGINEERING at 341-7888 to discuss street lighting options.
- Project shall comply with the CFPWA Cross Connection Control requirements. Water meter(s) cannot be released until all requirements are met and the State has given their Final Approval. Call 332-6419 for information.
- If the contractor desires CFPWA 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 CFPWA water shall comply with the CFPWA's Connection Control regulations. Call 332-6419 for information.
- Any backflow prevention devices required by the CFPWA will need to be on the list of approved devices for USCFCCHR or ASSE.
- A Landscaping Plan indicating the location of required street trees shall be submitted to the City of Wilmington Traffic Engineering Division and the Parks and Recreation Department for review and approval prior to the recording of the final plat.
- Permitting of business identification signage is a separate process. NCDOT/City of Wilmington will not allow obstructions within the right of way.
- Prior to any clearing, grading or construction activity, tree protection fencing will be installed around protected trees or groves of trees and no construction workers, tools, materials or vehicles are permitted within the tree protection fencing.
- All traffic control signs and markings off the right-of-way are to be maintained by the property owner in accordance with MUTCD standards.
- Install reflectors per City and NCDOT standards. Traffic Engineering must approve of pavement marking layout prior to actual striping.
- All parking stall markings and lane arrows within parking areas shall be white.

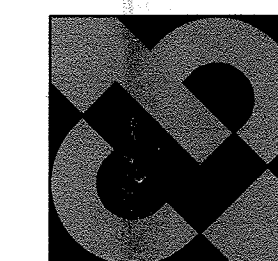
CONTENTS	
SHEET	NAME
INV-1	EXISTING CONDITIONS
SP-1	SITE PLAN
SP-2	SITE DETAILS
SP-3	LANDSCAPE DETAILS
SP-4	CIRCULATION PLAN
SP-5	UTILITY PLAN



PROPERTY OWNER:
OSPREY LANDS, LLC
P.O. BOX 2277
WILMINGTON, NC 28402

BUISNESS OWNER:
ETHAN HALL
(910) 620-8997
TidewaterBrewer@gmail.com

ENGINEER:
Coastal Land Design, PLLC



Civil Engineering / Landscape Architecture
Land Planning / Construction Management
NCBELS Firm License No: P-0369
P.O. Box 1172
Wilmington, NC 28402 www.cldeng.com Phone: 910-254-9333
Fax: 910-254-0502

ISSUED FOR AGENCY
REVIEW ONLY

NOT RELEASED FOR
CONSTRUCTION

BEFORE YOU DIG, CALL
North Carolina 811
www.nc811.org

GENERAL NOTES:

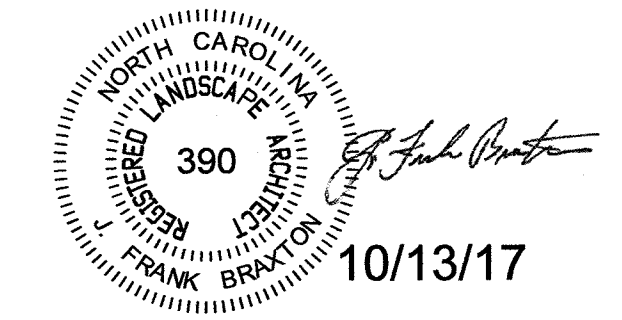
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING UTILITIES, ABOVE AND BELOW GROUND, PRIOR TO CONSTRUCTION.
- SURVEY AND TOPOGRAPHICAL INFORMATION AS SHOWN ON THESE PLANS HAVE BEEN PROVIDED BY ESP AND ASSOCIATES, WILMINGTON, NC.
- NO WETLANDS ON-SITE.
- CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL WASTE MATERIALS GENERATED THROUGH DEMOLITION AND GRUBBING ACTIVITIES.
- THE TOTAL DISTURBANCE FOR THE WORK SHOWN IN THIS PLAN IS APPROXIMATELY 0.28 ACRES.
- ALL SITE GRADING AND PIPING TO PROVIDE POSITIVE DRAINAGE.

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

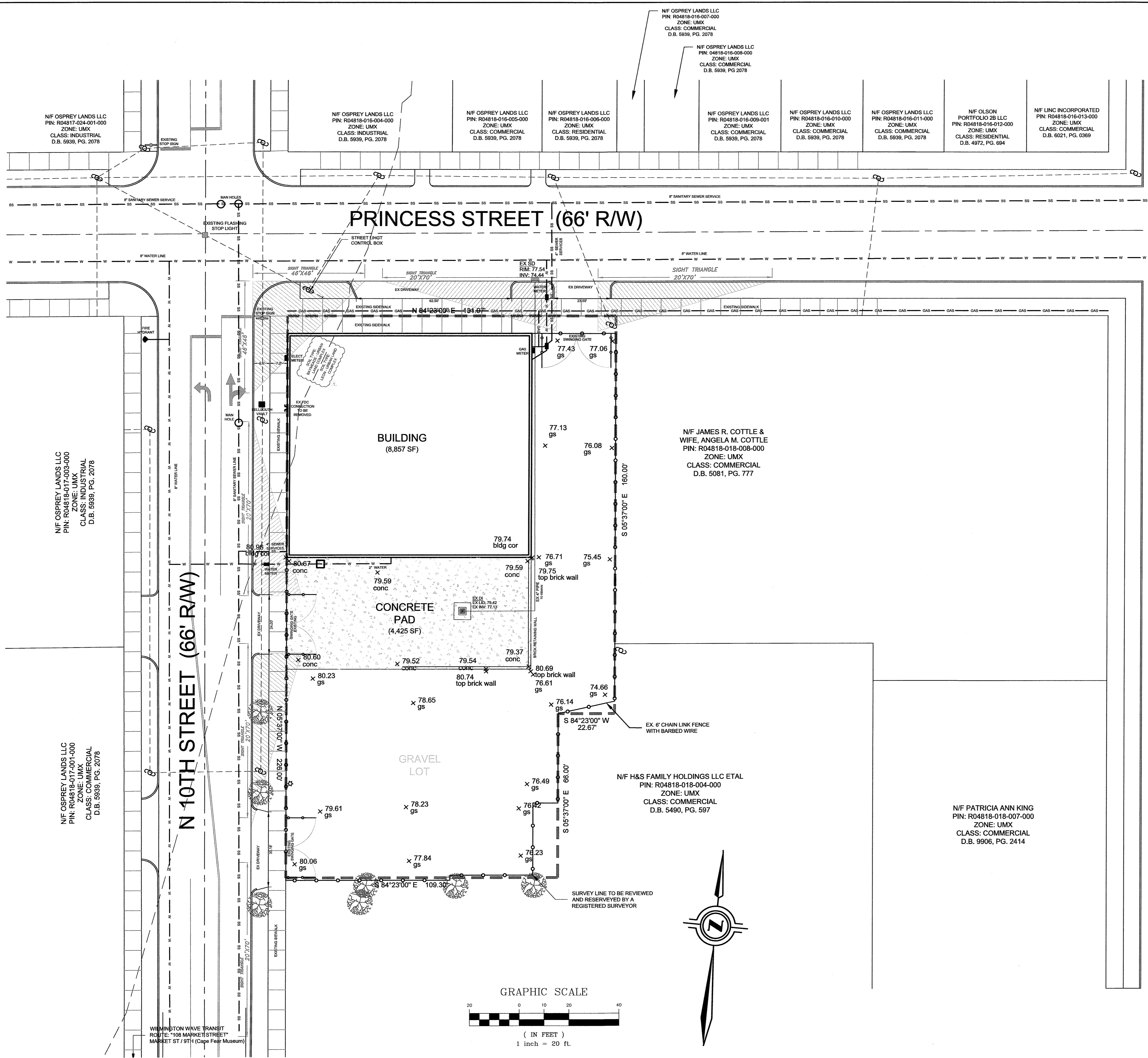
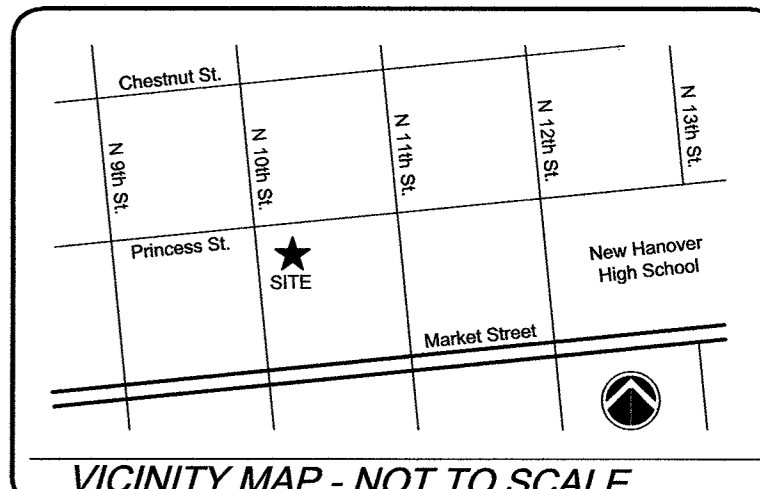
CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED PLAN - NO PERMIT REQUIRED
Signed: *[Signature]* 12/7/17

CITY OF WILMINGTON
NORTH CAROLINA
Approved Construction Plan
Name _____ Date _____
Planning *[Signature]* 12/16/2017
Traffic *[Signature]* 12-9-17
Fire *[Signature]* 12/7/17

RECEIVED
DEC 6 2017
PLANNING DIVISION



PRELIMINARY DESIGN
NOT FOR CONSTRUCTION



PARCEL INFORMATION
 PARCEL ID: R04818-018-001-000
 ADDRESS: 1002 Princess Street
 Wilmington, NC 28401
 Located inside the "1945 Corporate Limits"
 ZONE: UM - Urban Mixed Use
 CAMA CLASS: Urban
 EX BLDG USE: Industrial
 PARCEL AREA: 28,329 SF (0.65 AC)

SITE INFORMATION
 EXISTING IMPERVIOUS:
 BUILDING 8,857 SF
 CONCRETE PAD 4,425 SF
 SIDEWALK 631 SF
 TOTAL 13,913 SF
 PERCENTAGE 49.1%

BUILDING INFORMATION
 EX BUILDING AREA: 8,857 SF
 LOT COVERAGE: 31.3%
 (8,857 / 28,329 = 0.313 = 31.3%)
 MAX HEIGHT: 23'
 EX HEIGHT: 1 Story (21.5')

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

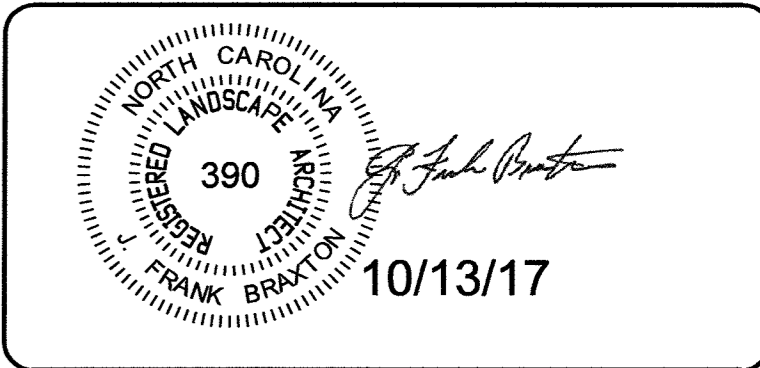
CITY OF WILMINGTON
 NORTH CAROLINA
 Public Services • Engineering Division
 APPROVED PLAN - NO PERMIT REQUIRED
 Signed: *[Signature]* 12/1/17

CITY OF WILMINGTON
 NORTH CAROLINA
 Approved Construction Plan
 Name: _____ Date: _____
 Planning: *mc* 12/10/17
 Traffic: *W. F. Braxton* 12-7-17
 Fire: *C. Walker* 12/7/17

LEGEND:

NOTES:

REV. #	DESCRIPTION	REV. BY	DATE
#2	REVISIONS FOR 3RD TRC SUBMITTAL	S. LLOYD	12/1/17
#1	REVISIONS FOR 2ND TRC SUBMITTAL	S. LLOYD	11/21/17
REVISIONS			



TIDEWATER BREWING COMPANY
 OWNER:
 ETHAN HALL
 910-620-8997
 TidewaterBrewer@gmail.com

Coastal Land Design, PLLC
 Civil Engineering / Landscape Architecture
 Land Planning / Construction Management
 NCBELS Firm License No: P-0369
 P.O. Box 1172
 Wilmington, NC 28402 www.clddesign.com Phone: 910-254-9333 Fax: 910-254-9502

DRAWN : S. Lloyd	PROJECT :
DESIGN : F. Braxton	NUMBER :
CHECK : F. Braxton	SCALE : 1"=20'
APPROVED : F. Braxton	DATE : 6 DEC 2017
FILE NAME :	

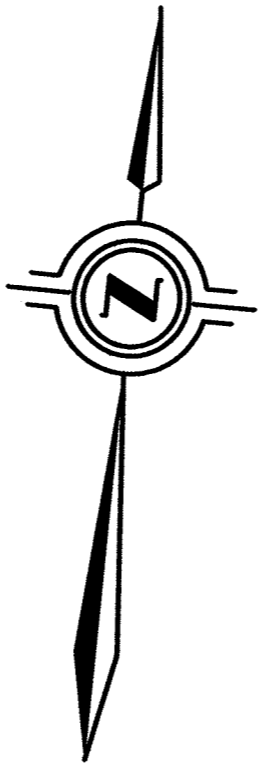
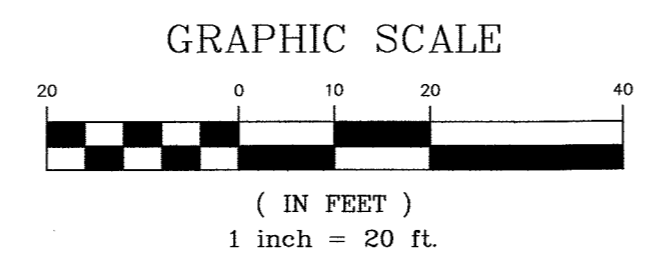
1002 PRINCESS STREET
 WILMINGTON, NC

EXISTING
 CONDITIONS

JOB NUMBER: 960-26 SHEET NUMBER: INV-1

PRELIMINARY DESIGN
 NOT FOR CONSTRUCTION

SURVEY DATA TAKEN FROM BOUNDARY SURVEY BY MURPHY GEOMATICS AND GROUND ELEVATIONS BY UNDERWOOD SURVEYING (ASSUMED ELEVATION 80 AT BUILDING SLAB)



PRELIMINARY DESIGN
NOT FOR CONSTRUCTION



Public Services • Engineering Division

APPROVED PLAN - NO PERMIT REQUIRED

Signed: *[Signature]* 12/7/17



Approved Construction Plan

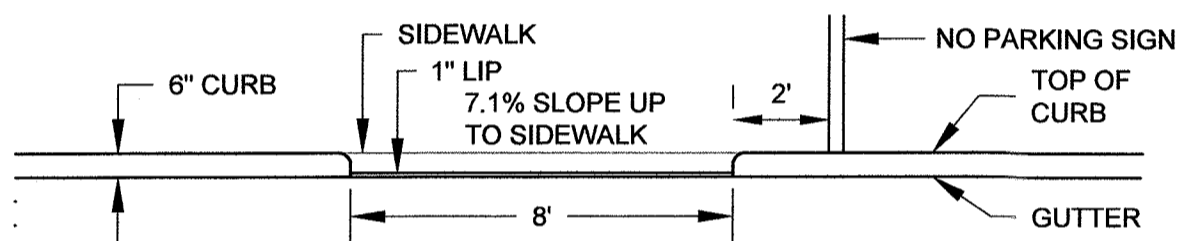
Name _____ Date _____

Planning *YMC 12/10/17*

Traffic *WEM 12-7-17*

Fire *C. Walker 12/9/17*

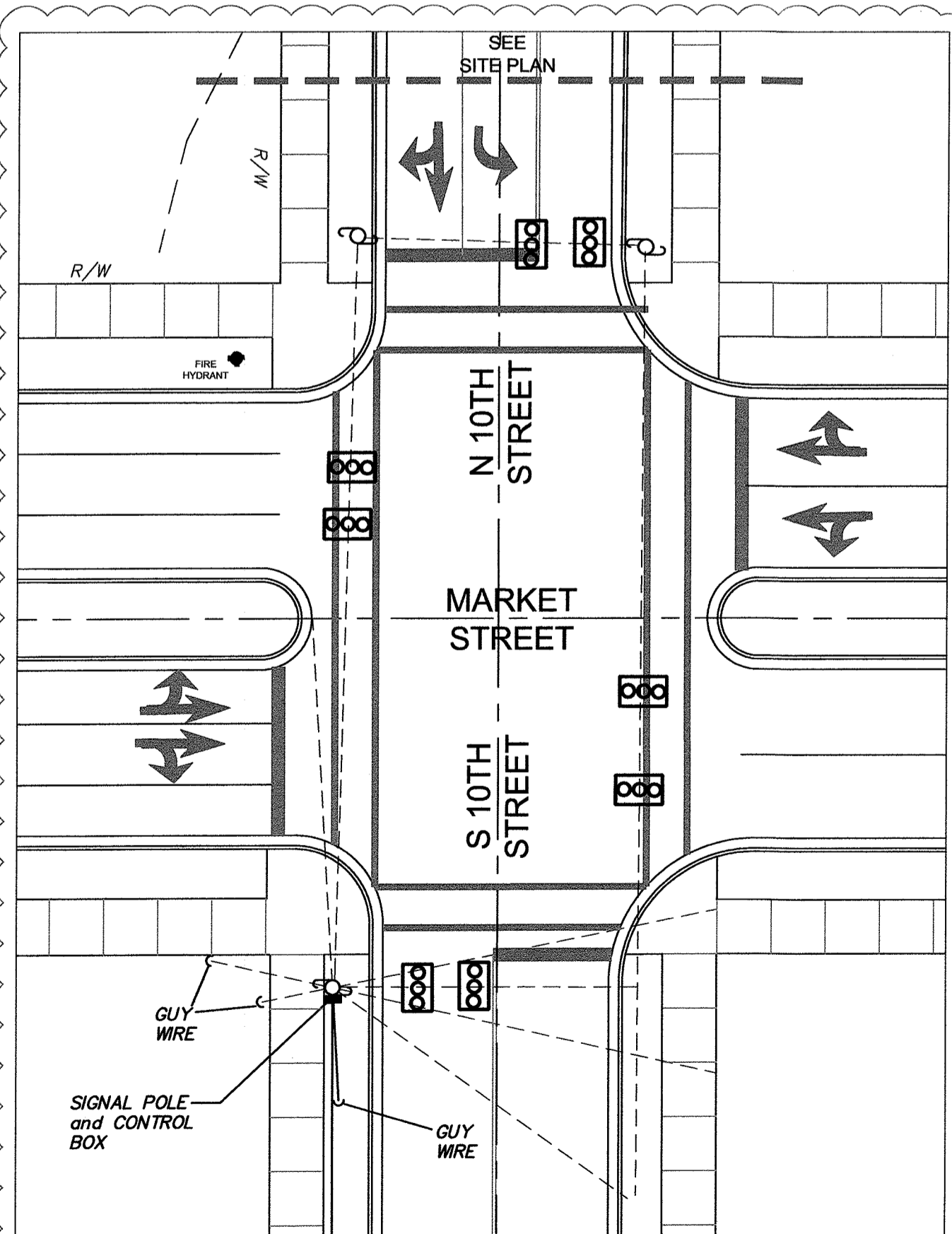
For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.



- Notes:
- 1) Grade of ramp from 1" above the gutter at the face of curb up to the sidewalk will be 7.1%
 - 2) No Parking Sign shall be located at least 2' from the vertical face of curb
 - 3) Ramp shall be painted with diagonal striping to signify no parking.

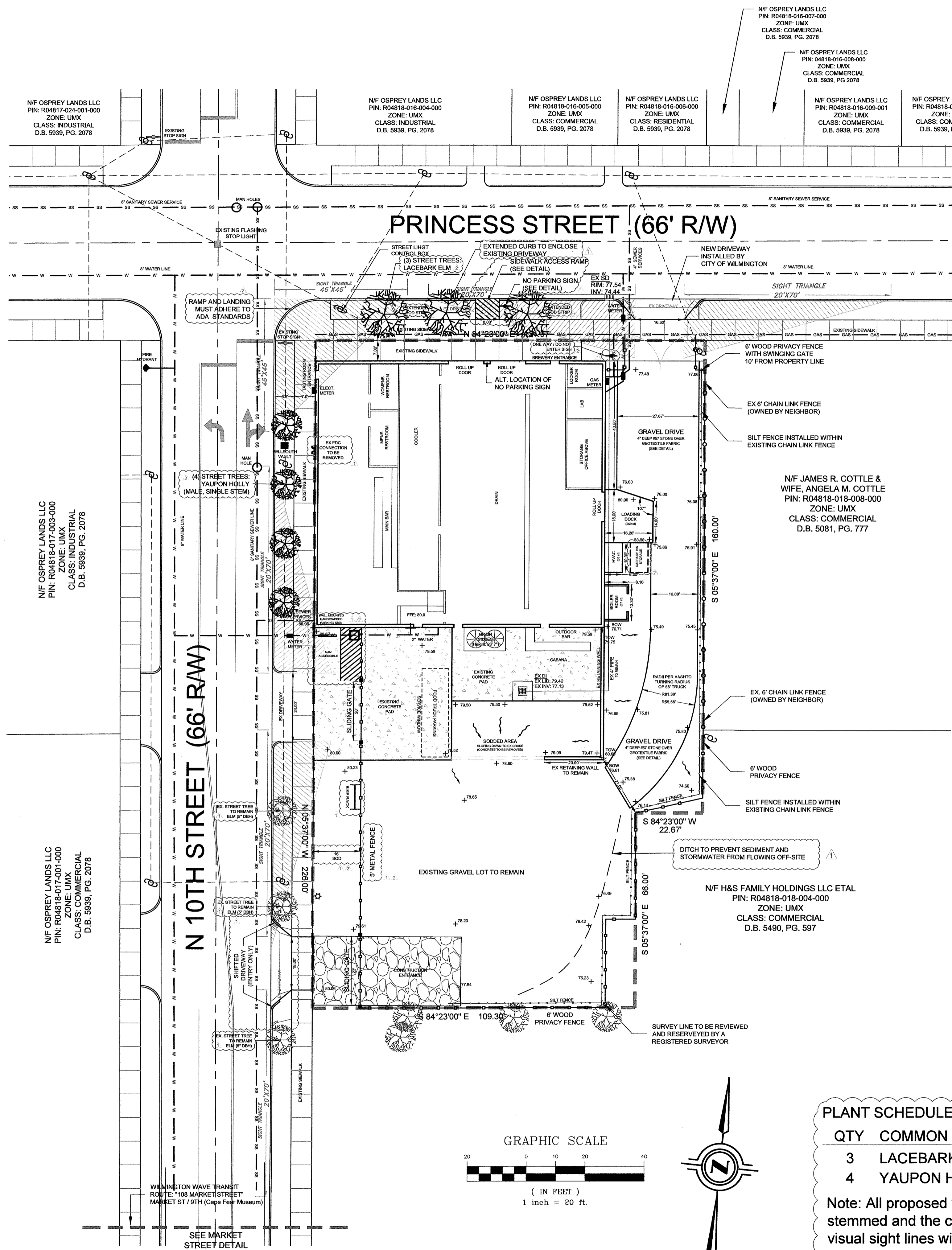
SIDEWALK ACCESS RAMP

NTS

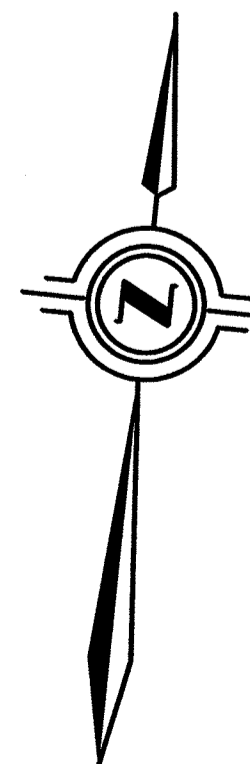
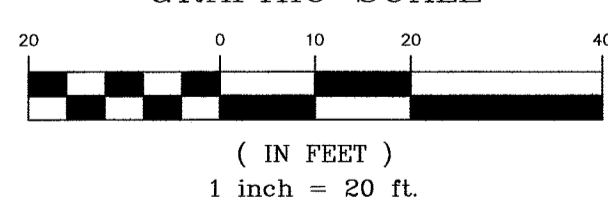


MARKET STREET INTERSECTION

1" = 20'



GRAPHIC SCALE



PARCEL INFORMATION
PARCEL ID: R04818-018-001-000
ADDRESS: 1002 Princess Street
 Wilmington, NC 28401
ZONE: UMX - Urban Mixed Use
 Located inside the "1945 Corporate Limits"
CAMA CLASS: Urban
EX BLDG USE: Industrial
PARCEL AREA: 28,329 SF (0.65 AC)

BUILDING INFORMATION
EX BUILDING AREA: 8,857 SF
LOT COVERAGE: 31.3%
 (8,857 / 28,329 = 0.313 = 31.3%)
MAX HEIGHT: 23'
EX HEIGHT: 1 Story (21.5')

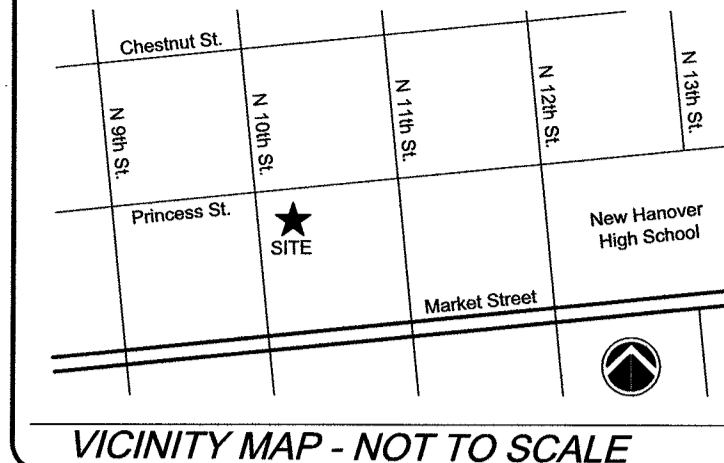
EX WATER CAPACITY: 0 GPD
EX SEWER CAPACITY: 0 GPD
PRO WATER CAPACITY: 2,680 GPD
PRO SEWER CAPACITY: 2,680 GPD
 *Based on Assembly A-2 Occupancy of 134 Occupants per Lisle Arch "Life Safety Plan"

SITE INFORMATION
REQ SETBACKS: NONE
PRO SETBACKS: NONE
REQ PARKING: 1 HC SPACE
PRO PARKING: 1 HC SPACE
BIKE PARKING: 9 BIKES

EXISTING IMPERVIOUS:
BUILDING: 8,857 SF
CONCRETE PAD: 4,425 SF
SIDEWALK: 631 SF
TOTAL: 13,913 SF
PERCENTAGE: 49.1%

PROPOSED IMPERVIOUS:
EX BUILDING: 8,857 SF
EX SIDEWALK: 631 SF
REMAINING CONCRETE: 3,434 SF
(REMOVED CONCRETE): -991 SF
PRO LOADING DOCK: 269 SF
PRO HVAC: 60 SF
PRO BOILER ROOM: 87 SF
TOTAL: 13,338 SF
PERCENTAGE: 47.1%

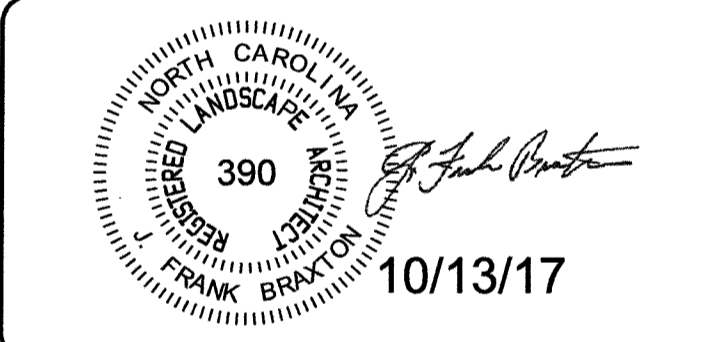
WASTE TO BE DISPOSED OF IN INDIVIDUAL CART BINS



LEGEND:

NOTES:

REV. #	DESCRIPTION	REV. BY	DATE
#2	REVISIONS FOR 3RD TRC SUBMITTAL	S. LLOYD	12/1/17
#1	REVISIONS FOR 2ND TRC SUBMITTAL	S. LLOYD	11/21/17



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 OWNER:
 ETHAN HALL
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 www.cldeng.com
 Phone: 910-254-0333
 Fax: 910-254-0502

DRAWN: S. Lloyd	PROJECT:
CHECK: F. Braxton	NUMBER:
APPROVED: F. Braxton	SCALE: 1"=20'
FILE NAME:	DATE: 6 DEC 2017

1002 PRINCESS STREET
WILMINGTON, NC

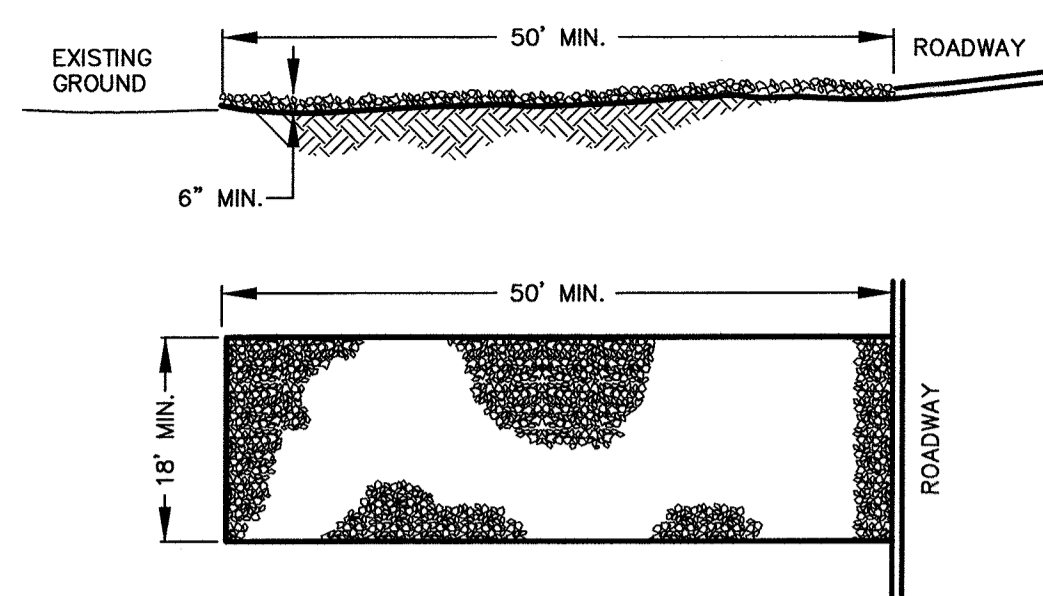
SITE PLAN
INCL. LANDSCAPE

PLANT SCHEDULE

QTY	COMMON NAME	SCIENTIFIC NAME	SIZE
3	LACEBARK ELM	ULMUS PARVIFOLIA 'Drake'	2" Min.
4	YAUPON HOLLY	ILEX VOMITORIA	B&B (8-10')

Note: All proposed vegetation within sight triangles shall be single stemmed and the canopy shall be pruned so that it affords clear visual sight lines within the triangles from 30"-10'

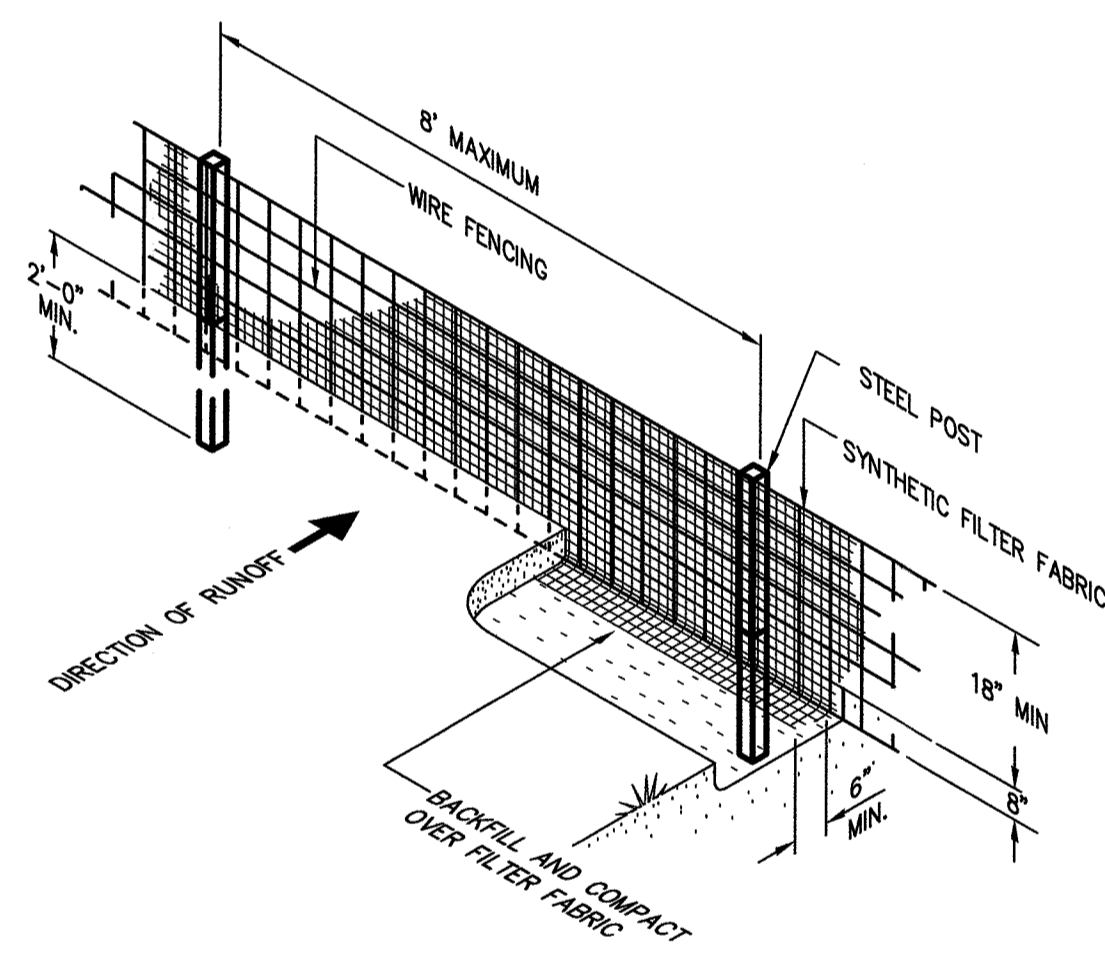
Note: Four street trees are required along the Princess Street frontage. The fourth tree will be mitigated by a payment in lieu or similar, as arranged with the City Arborist prior to final zoning issuance.



- CONSTRUCTION ENTRANCE CONSTRUCTION SPECIFICATIONS:**
- CLEAR THE ENTRANCE AND EXIST AREA OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.
 - PLACE THE GRAVEL TO THE SPECIFIC GRADE AND DIMENSIONS SHOWN ON THE PLANS, AND SMOOTH IT.
 - PROVIDE DRAINAGE TO CARRY WATER TO A SEDIMENT TRAP OR OTHER SUITABLE OUTLET.
 - TRAFFIC WILL ENTER OR LEAVE THE CONSTRUCTION SITE ONTO A PUBLIC STREET. FILTER FABRIC OR COMPACTED CRUSHER RUN STONE MAY BE USED AS A BASE FOR THE CONSTRUCTION ENTRANCE.
 - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC STREETS OR EXISTING PAVEMENT. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS WARRANT AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ANY SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC STREETS MUST BE REMOVED IMMEDIATELY.
 - WHEN APPROPRIATE, WHEELS MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTERING A PUBLIC STREET. WHEN WASHING IS REQUIRED, IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT BASIN SOIL STABILIZATION FABRIC SHALL BE USED.
 - NCDOT MAY REQUIRE A STANDARD COMMERCIAL DRIVEWAY TO ACCESS THE CONSTRUCTION SITE IF THE DRIVEWAY IS ON A THOROUGHFARE.

- CONSTRUCTION ENTRANCE MAINTENANCE:**
- MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. REDRESS THE SOP WITH 2" STONE AS NEEDED.
 - AFTER EACH RAINFALL, INSPECT ANY STRUCTURE USED TO TRAP SEDIMENT AND CLEAN IT OUT AS NECESSARY.
 - IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TRACKED ONTO PUBLIC ROADWAYS.

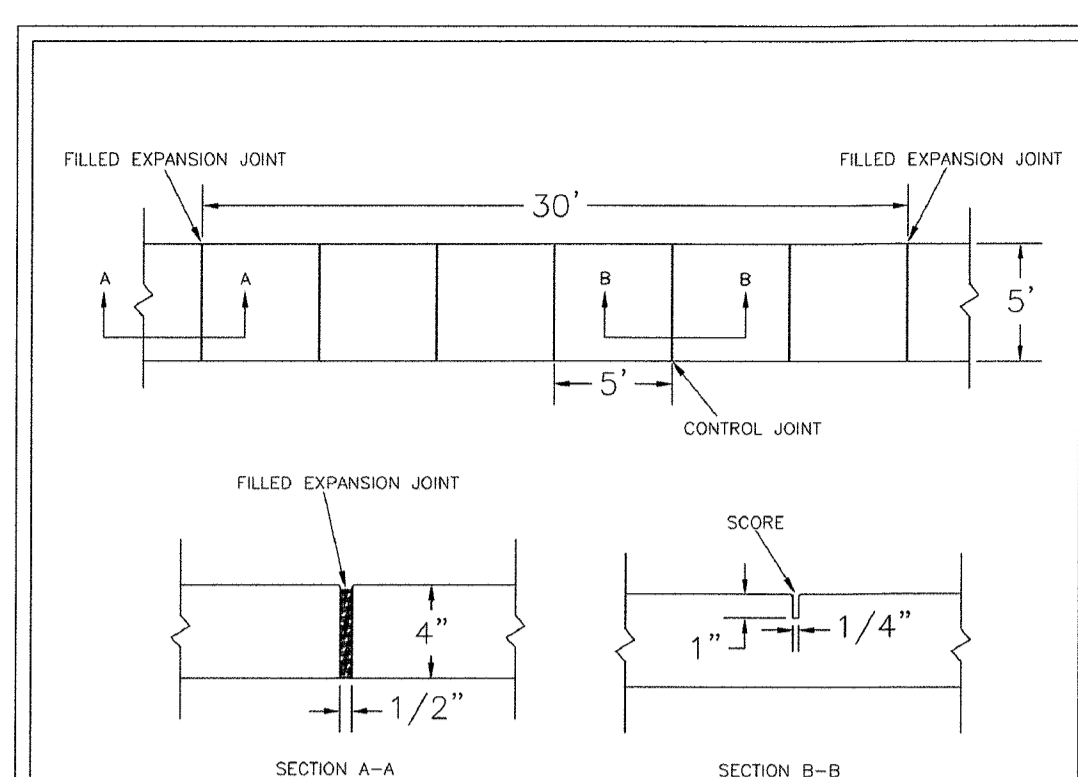
CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



- SEDIMENT FENCE CONSTRUCTION SPECIFICATIONS:**
- SILT FENCE IS TO BE TRENCHED IN WITH TRENCHING MACHINE IN ORDER TO HAVE THE MINIMUM AREA OF DISTURBANCE (NON-EVASIVE) UPON INSTALLATION.
 - HEIGHT OF SEDIMENT FENCE IS NOT TO EXCEED 18" ABOVE THE GROUND SURFACE.
 - FILTER FABRIC TO BE CONSTRUCTED FROM CONTINUOUS ROLL OUT TO LENGTH TO AVOID JOINTS. IF JOINTS ARE NECESSARY, FILTER CLOTH IS TO BE SECURELY FASTENED TO SUPPORT POST WITH OVERLAP TO THE NEXT POST.
 - FILTER FABRIC TO BE SUPPORTED BY WIRE MESH FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY STAPLES AT LEAST 1" LONG OR THE WIRES. EXTEND WIRE MESH SUPPORT TO THE BOTTOM OF THE TRENCH.
 - A MAXIMUM OF 8" STAKE SPACING IS ALLOWED WHEN WIRE MESH SUPPORT FENCE IS USED. SUPPORT POST SHOULD BE DRIVEN SECURELY INTO THE GROUND A DISTANCE OF AT LEAST 18".
 - EXTRA STRENGTH FILTER FABRIC WITH 6" POST SPACES DOES NOT REQUIRE WIRE MESH SUPPORT FENCE. STAPLE OR WIRE THE FILTER FABRIC DIRECTLY TO POSTS.
 - EXCAVATE A TRENCH APPROXIMATELY 4" WIDE AND 8" DEEP ALONG THE PROPOSED LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
 - BACKFILL TRENCH WITH COMPACT SOIL OR GRAVEL PLACED OVER THE FILTER FABRIC.
 - DO NOT ATTACH FILTER FABRIC TO EXISTING TREES.

- SEDIMENT FENCE MAINTENANCE:**
- INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
 - SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY. REPLACE BURLAP EVERY 60 DAYS.
 - REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.
 - REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

SILT FENCE DETAIL
NOT TO SCALE

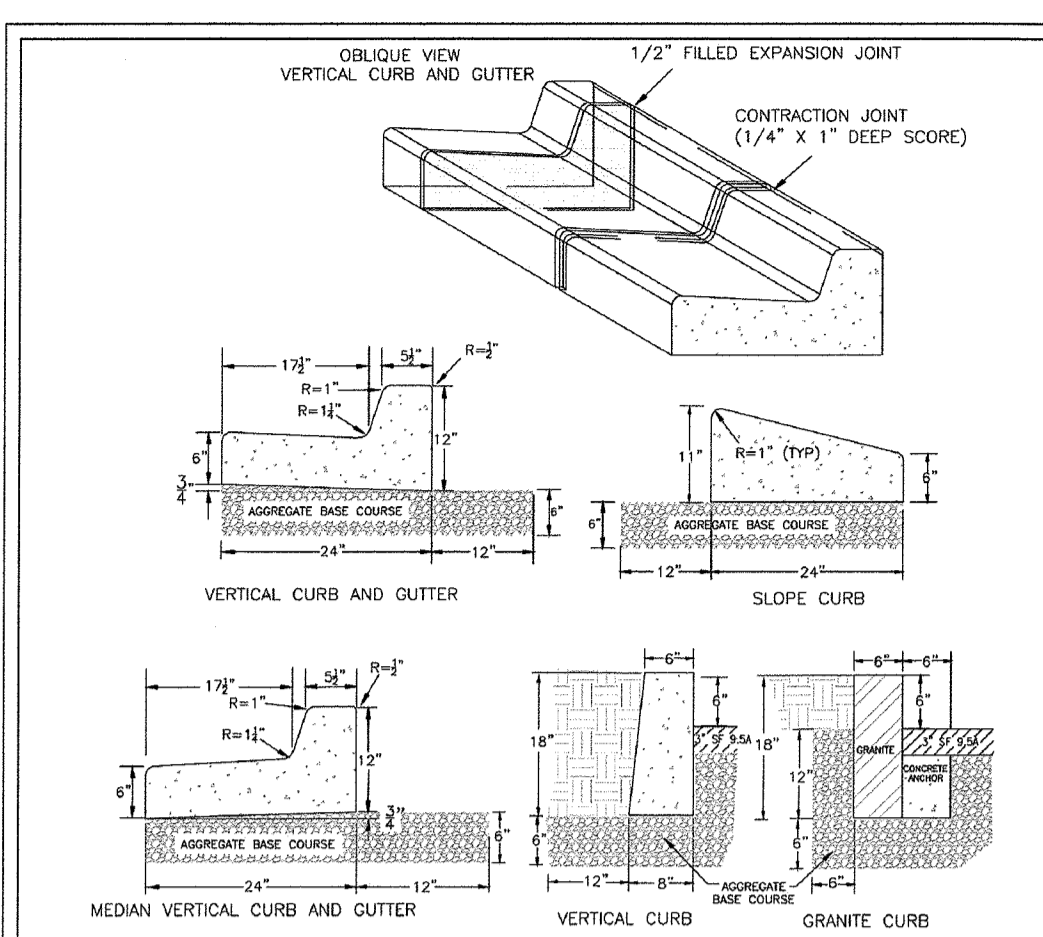


- NOTES:**
- JOINT MATERIAL TO COMPLY WITH CURRENT NCDOT STANDARDS.
 - SANITARY SEWER CLEAN-OUTS, WATER METERS, MANHOLES, AND VALVE LIDS TO BE LOCATED OUTSIDE SIDEWALK WHERE FEASIBLE.
 - MINIMUM SIDEWALK WIDTH TO BE 6' MINIMUM IF PLACED AT BACK OF CURB.
 - CONCRETE FOR ALL SIDEWALKS (EXCEPT ANY PORTION CONTAIN WITHIN A DRIVEWAY APPROX) SHALL BE CLASS "4" - 3,000 PSI.
 - MINIMUM REPLACEMENT FOR REPAIRS IS A 5' X 5' PANEL.
 - 4" STONE BASE MAY BE REQUIRED FOR POOR SOIL CONDITIONS.
 - MINIMUM DEPTH FOR TUNNELING BELOW SIDEWALK IS 12".
 - MAX ADJACENT GROUND SLOPE WITHOUT RAILING IS 2:1.
 - MIN GRADE FOR PROPER DRAINAGE IS 1% IN AT LEAST 1 DIRECTION. MAX CROSS SLOPE IS 2% MAX LONGITUDINAL SLOPE IS 8.3%, 10% IF LIMITED BY EXISTING CONDITIONS OR NO GREATER THAN THE SLOPE OF THE EXISTING ADJACENT ROAD.

DATE: OCTOBER, 2010
DRAWN: P.F.E.
CHECKED: J.S.R.
SCALE: NOT TO SCALE

STANDARD DETAIL
SIDEWALK

CITY OF WILMINGTON
NORTH CAROLINA
CITY OF WILMINGTON ENGINEERING
PO BOX 1810
WILMINGTON, NC 28402
(910) 341-7807
SD 3-10

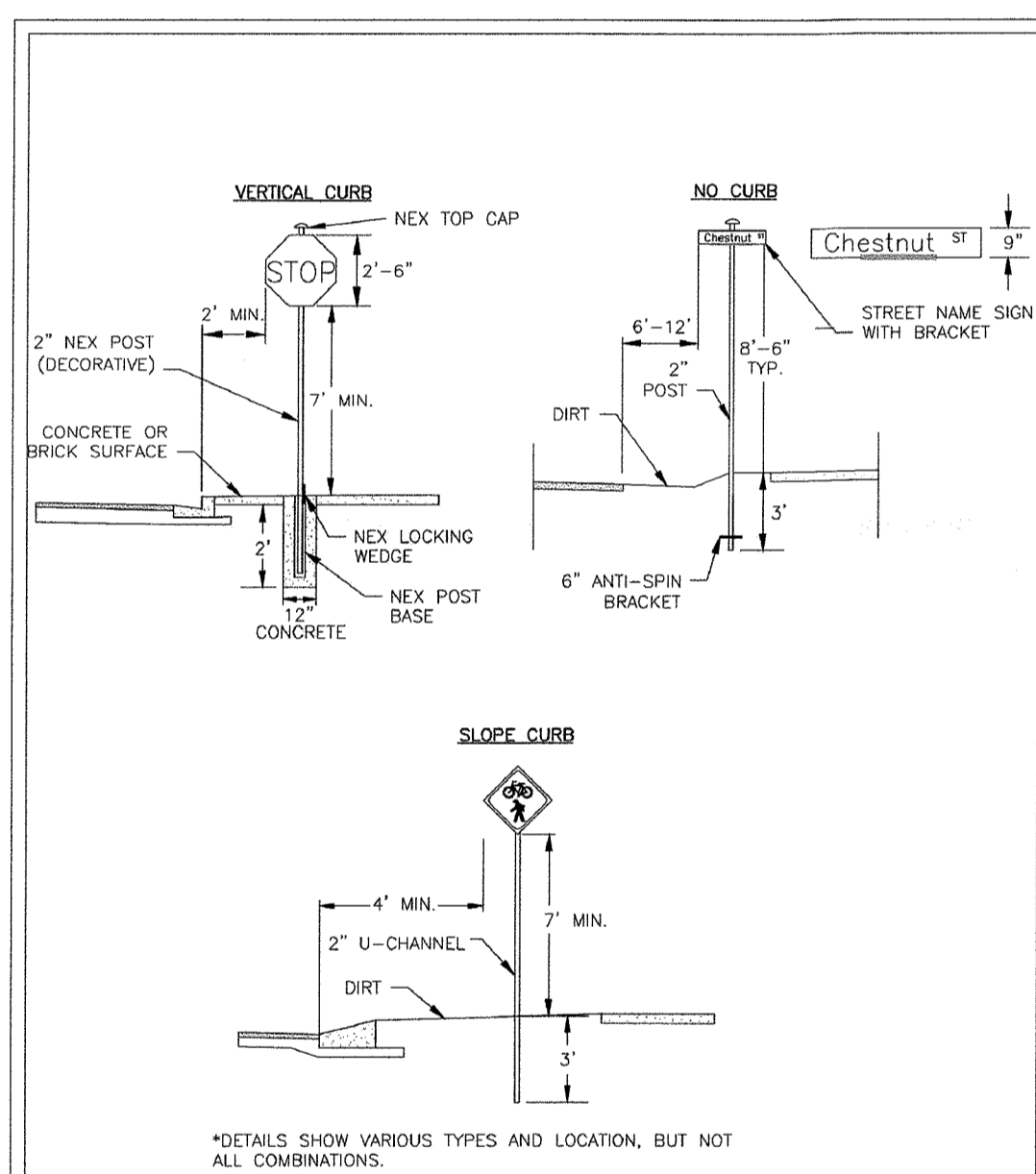


- NOTES:**
- EXPANSION JOINT MATERIAL TO COMPLY WITH CURRENT NCDOT STANDARDS.
 - 50' MAX EXPANSION JOINT SPACING, 10' MAX CONTRACTION JOINT SPACING.
 - MINIMUM INSTALLATION LENGTH IS 5 FT.
 - CONCRETE TO BE 3,000 PSI MIN.
 - VERTICAL CURB AND GUTTER BASE CAN BE SLOPED 3/4" OR USE A FLAT BASE.

DATE: AUGUST, 2011
DRAWN: P.F.E.
CHECKED: J.S.R.
SCALE: NOT TO SCALE

STANDARD DETAIL
CURBING

CITY OF WILMINGTON
NORTH CAROLINA
CITY OF WILMINGTON ENGINEERING
PO BOX 1810
WILMINGTON, NC 28402
(910) 341-7807
SD 3-11



DATE: NOVEMBER, 2011
DRAWN: J.S.R.
CHECKED BY: BOB, P.E.
SCALE: NOT TO SCALE

STANDARD DETAIL
STREET SIGNS AND LOCATION

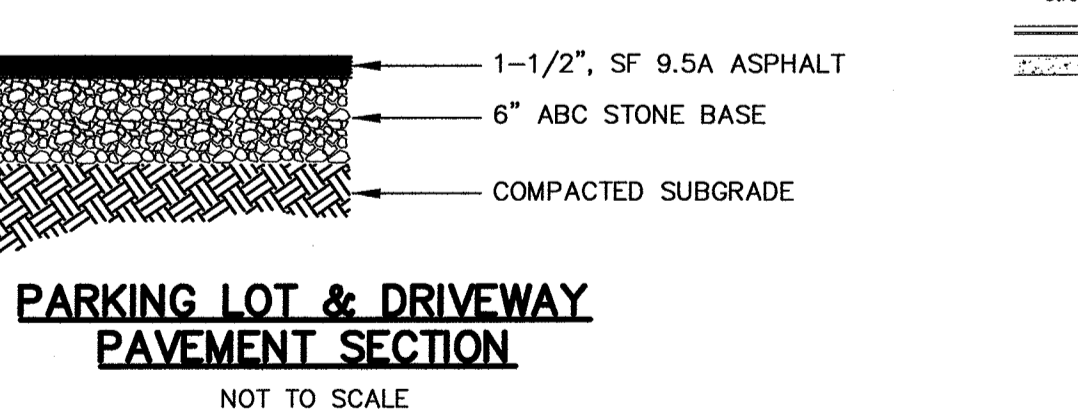
CITY OF WILMINGTON
NORTH CAROLINA
CITY OF WILMINGTON ENGINEERING
PO BOX 1810
WILMINGTON, NC 28402
(910) 341-7807
SD 15-03

- SIGNS**
- All signs shall meet the requirements of MUTCD and City Traffic Engineering in effect at the time of construction.
 - All Traffic Control Signs including multi-use paths shall be fabricated with 0.080 inch aluminum blanks using high intensity prismatic reflective sheeting Type IV or better. STOP signs shall be a minimum of 30"x30".
 - SPECIAL DESIGNATION signs by location and type shall adhere to City of Wilmington signage plan (i.e. downtown, historic, cross-city trail, parks, riverfront, scenic by-way, parking, etc.) and all associated policies.
 - POST MOUNTED STREET NAME SIGNS shall be fabricated with 9" extruded aluminum street name sign blanks using a standard cut-out. Minimum sign length is 18" long and increasing in 6" increments to 54" maximum as dictated by the number of letters in the name. The color scheme shall be white letters on a green background without a border. Generally, in the downtown and historic areas or as designated in the City of Wilmington signage plan the background shall be blue and contain a topper.
 - Decorative sign posts shall consist of the NEX sign support system, 2" octagonal tube, 14 gauge, powder coated glossy black and include cap, post, base and wedge.
 - All other sign posts shall be u-channel posts made of galvanized steel with 8" posts 2lbs/ft or 12" posts 3lbs/ft. Galvanized NEX post may be substituted with approval from the City Signs and Markings Engineer.
 - OVERHEAD STREET NAME SIGNS shall be fabricated with 0.060 inch aluminum flat sign blanks 18" in height using a standard cut-out. Sign length will be dictated by the number of letters in the name. For mast-arm type traffic signal supports and other overhead support systems refer to the design plans for maximum sign length.
 - All sign lettering, colors and fonts shall adhere to the MUTCD in effect at the time of construction. Fluorescent Yellow-Green shall be used on signs, in place of Yellow, when listed as an optional color in the MUTCD. Generally, the font will be FHWA series fonts (Highway Gothic). Other font types require prior City Signs and Markings Engineer approval.
 - Sign locations depend on the edge of road condition. Generally, signs shall be a minimum 2' from face of a vertical curb, 4' from front of slope face curb, and 6' from edge of pavement without curb. Signs shall not be located more than 12' from any of these locations.
 - Sign posts installed in dirt shall be buried a minimum of 36". Octagonal posts shall utilize an anti-spin device, 6" in length minimum. Sign posts installed in concrete or brick shall utilize a base cast in concrete 24" x 12" diameter.
 - Street name signs shall be installed 8'-6" from the ground to the bottom of the sign. Street name signs co-located with STOP signs shall be installed above the STOP sign. A 6" space shall be maintained between the STOP sign and a Street name sign that is parallel to the STOP sign face. All other signs should be mounted per MUTCD guidelines for Urban Areas.

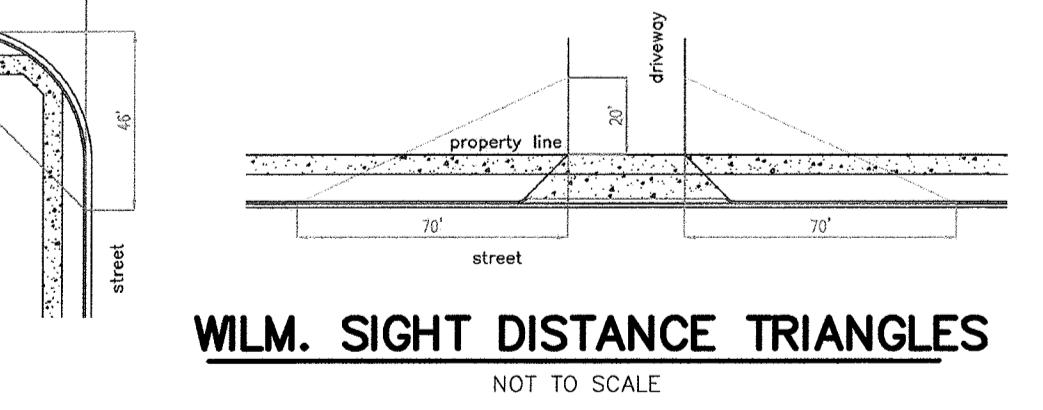
DATE: NOVEMBER, 2011
DRAWN: J.S.R.
CHECKED BY: BOB, P.E.
SCALE: NOT TO SCALE

STANDARD DETAIL
STREET SIGNS AND LOCATION

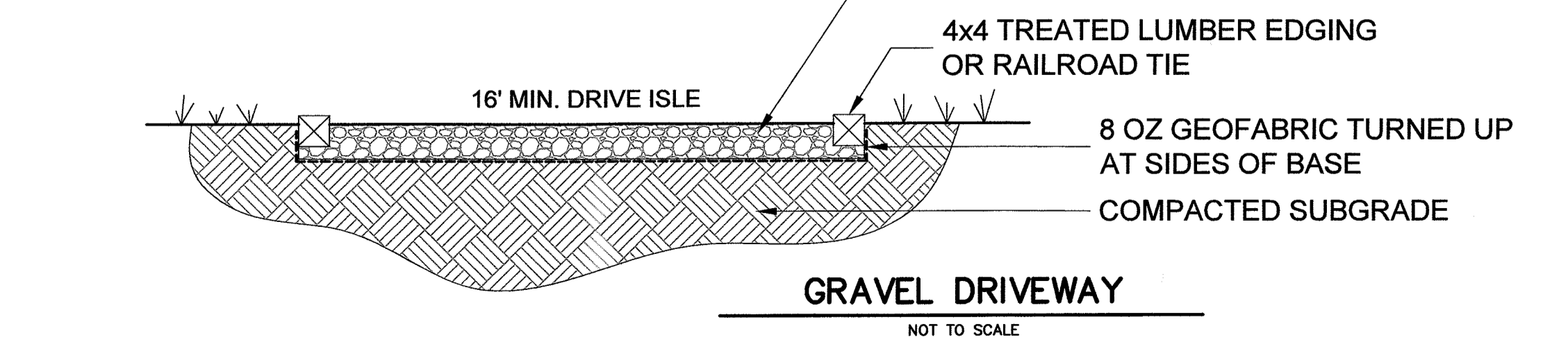
CITY OF WILMINGTON
NORTH CAROLINA
CITY OF WILMINGTON ENGINEERING
PO BOX 1810
WILMINGTON, NC 28402
(910) 341-7807
SD 15-03



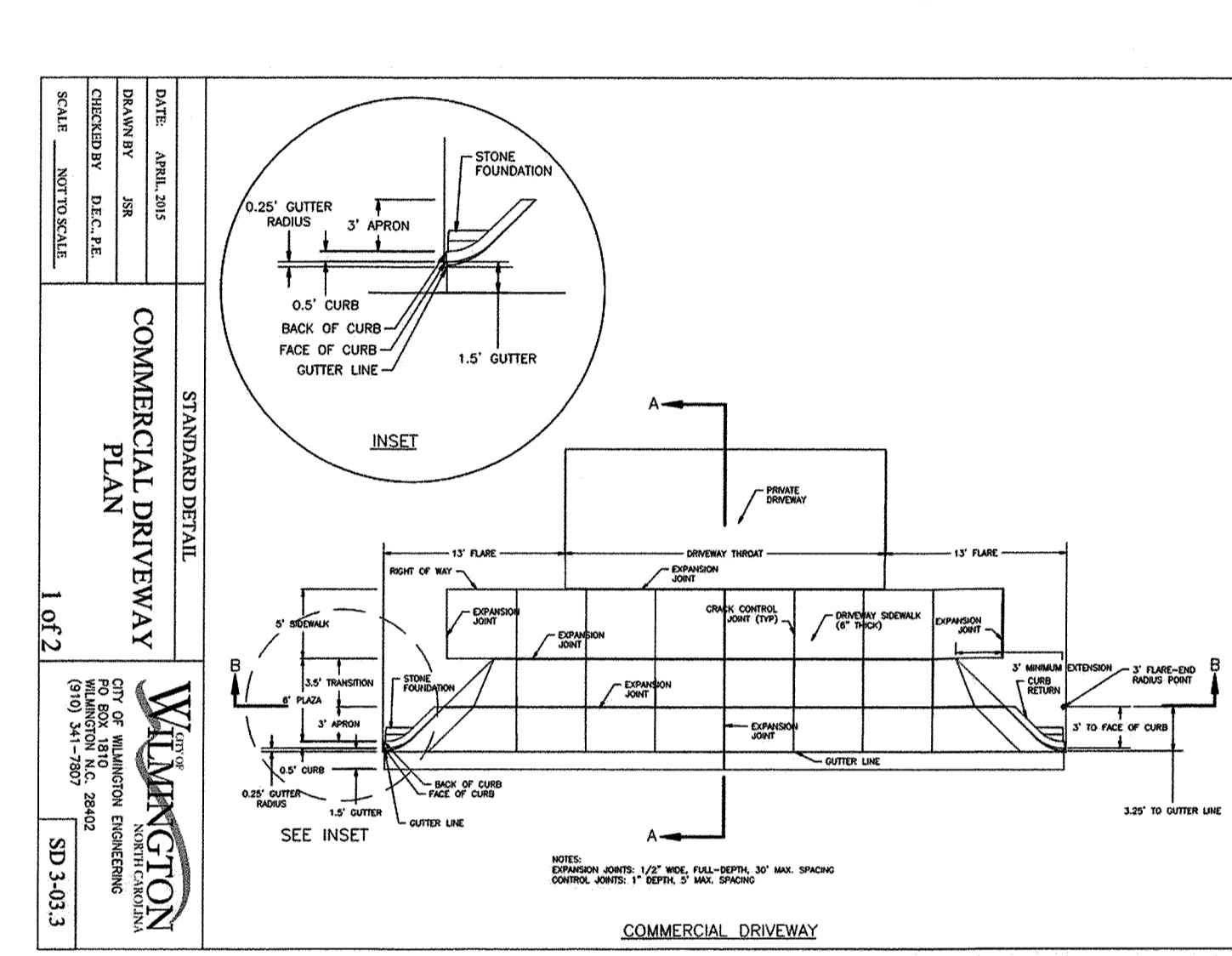
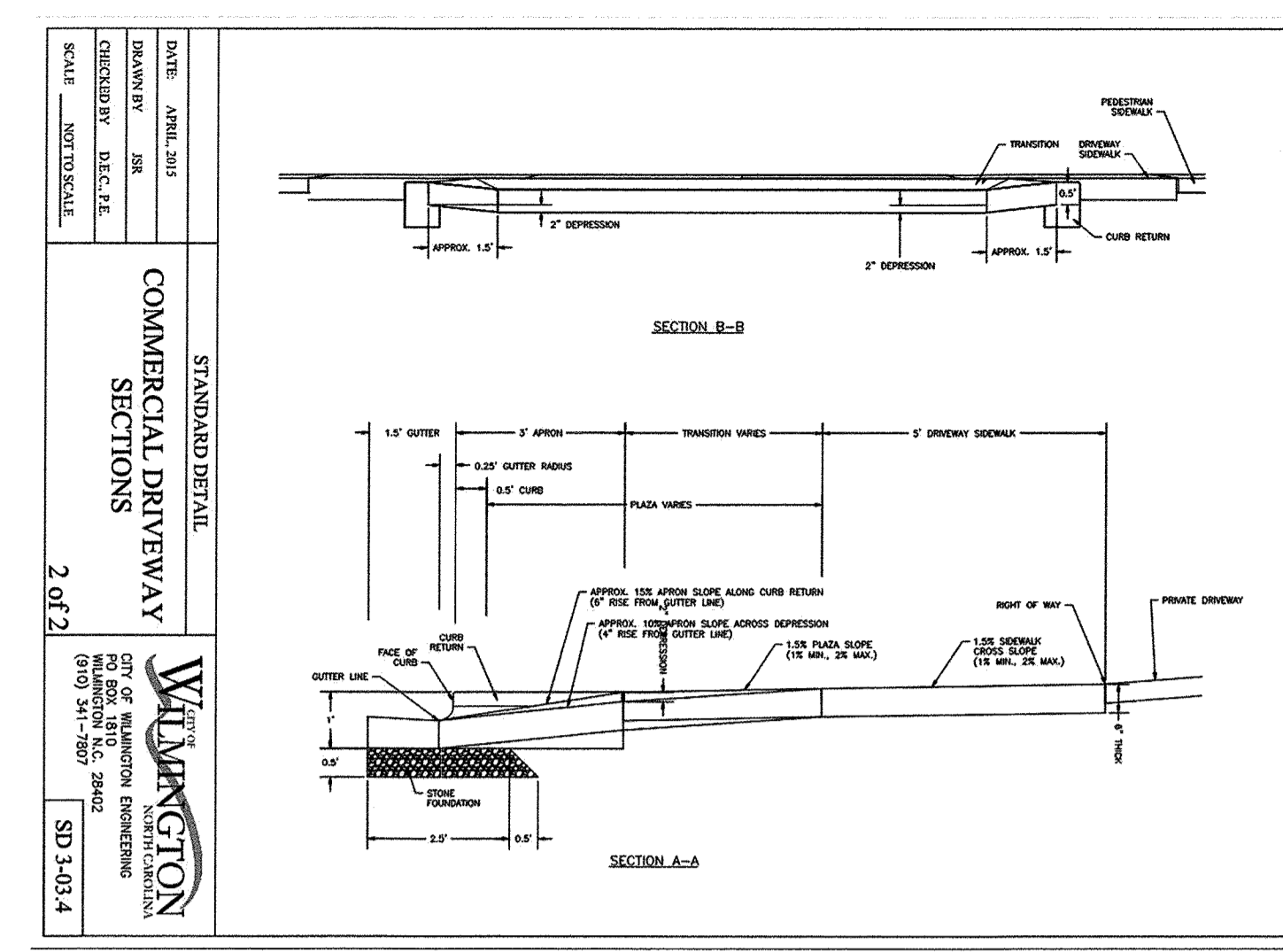
PARKING LOT & DRIVEWAY PAVEMENT SECTION
NOT TO SCALE



WILM. SIGHT DISTANCE TRIANGLES
NOT TO SCALE



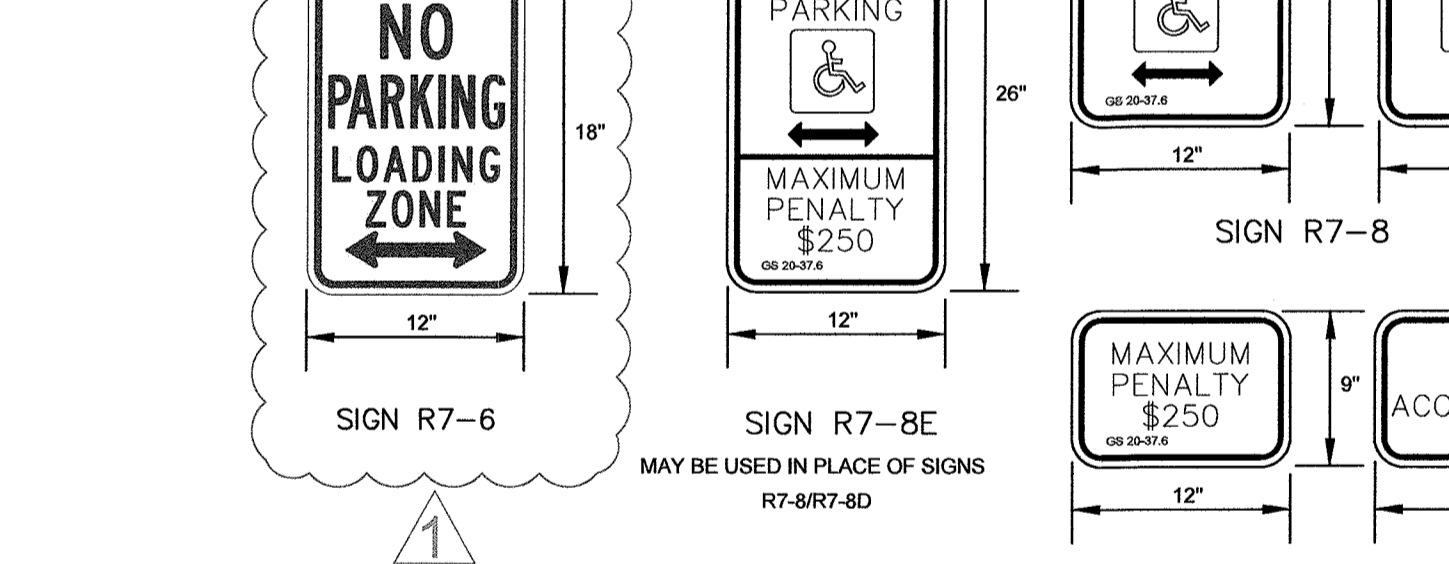
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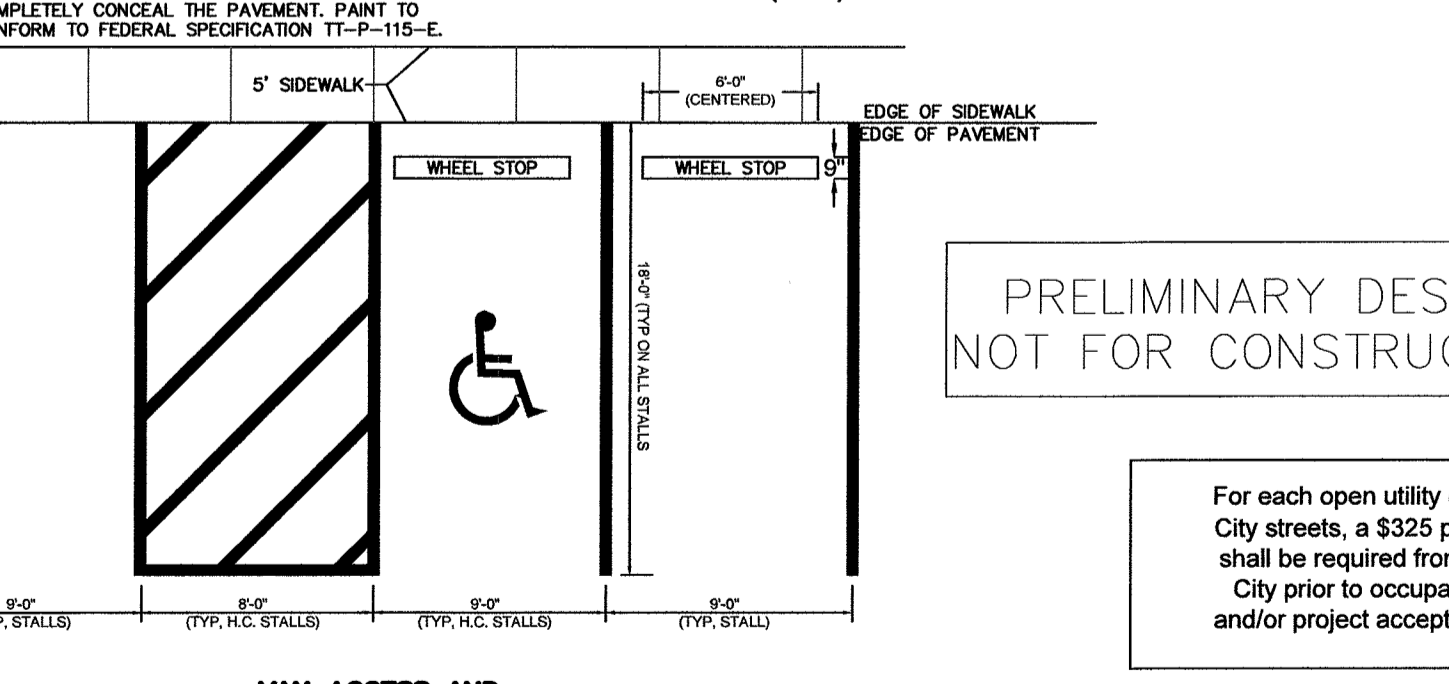
DATE: JANUARY, 2011
DRAWN: J.S.R.
CHECKED BY: BOB, P.E.
SCALE: NOT TO SCALE

STANDARD DETAIL
COMMERCIAL DRIVEWAY SECTIONS

CITY OF WILMINGTON
NORTH CAROLINA
CITY OF WILMINGTON ENGINEERING
PO BOX 1810
WILMINGTON, NC 28402
(910) 341-7807
SD 3-03.2



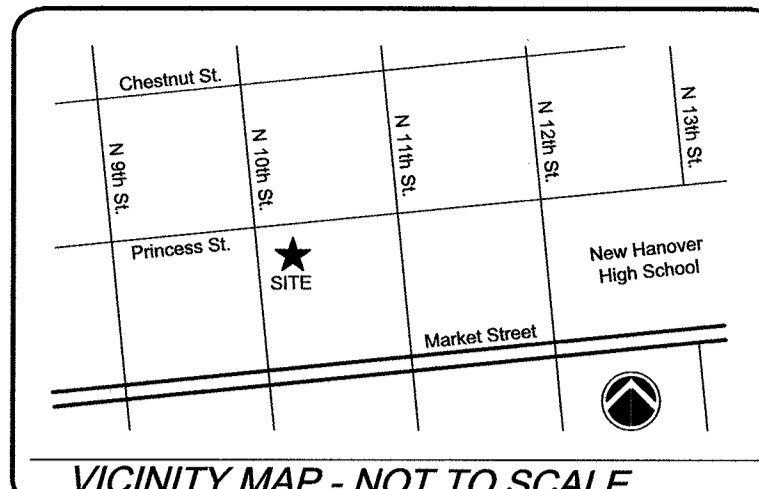
HANDICAPPED SIGN DETAIL
NOT TO SCALE



DATE: 12/12/17
DRAWN: J.S.R.
CHECKED BY: BOB, P.E.
SCALE: NOT TO SCALE

STANDARD DETAIL
VAN ACCESS AND PARKING STALL DETAIL

CITY OF WILMINGTON
NORTH CAROLINA
CITY OF WILMINGTON ENGINEERING
PO BOX 1810
WILMINGTON, NC 28402
(910) 341-7807
SD 15-03



VICINITY MAP - NOT TO SCALE

- LEGEND:**
- NOTES:**

REV. #	DESCRIPTION	REV. BY	DATE
#2	REVISIONS FOR 3RD TRC SUBMITTAL	S. LLOYD	12/1/17
#1	REVISIONS FOR 2ND TRC SUBMITTAL	S. LLOYD	11/21/17

CITY OF WILMINGTON
NORTH CAROLINA
LANDSCAPE ARCHITECTURE
390
10/13/17

TIDEWATER BREWING COMPANY
OWNER:
ETHAN HALL
910-620-8997
TidewaterBrewer@gmail.com

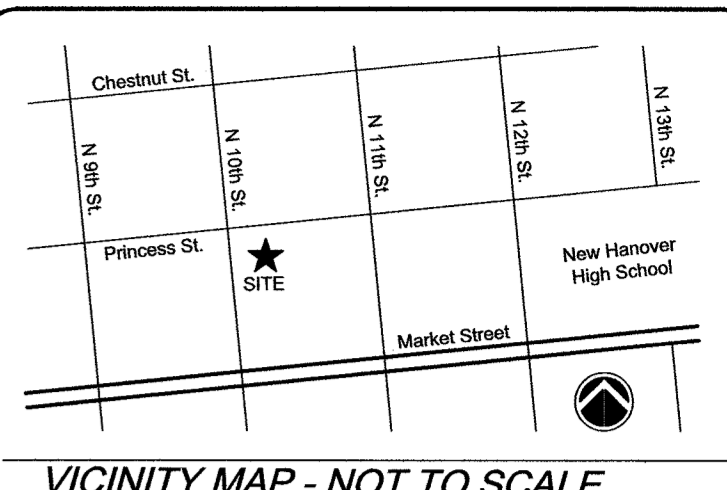
Coastal Land Design, PLLC
Civil Engineering / Landscape Architecture
Land Planning / Construction Management
NCBELS Firm License No: P-0369
P.O. Box 1172
Wilmington, NC 28402
www.cladeng.com
Phone: 910-254-6833
Fax: 910-254-6802

DRAWN : S. Lloyd	PROJECT :
CHECK : F. Braxton	NUMBER :
APPROVED : F. Braxton	SCALE : 1"=20'
FILE NAME :	DATE : 6 DEC 2017

1002 PRINCESS STREET
WILMINGTON, NC

DETAILS

JOB NUMBER 960-26	SHEET NUMBER SP-2
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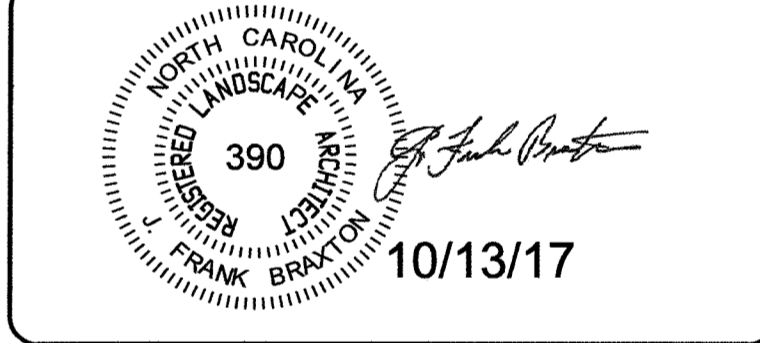


VICINITY MAP - NOT TO SCALE

LEGEND:

NOTES:

REV. #	DESCRIPTION	REV. BY	DATE
#2	REVISIONS FOR 3RD TRC SUBMITTAL	S. LLOYD	12/1/17
#1	REVISIONS FOR 2ND TRC SUBMITTAL	S. LLOYD	11/21/17
	REVISIONS		



TIDEWATER BREWING COMPANY
 OWNER:
 ETHAN HALL
 910-620-8997
 TidewaterBrewer@gmail.com

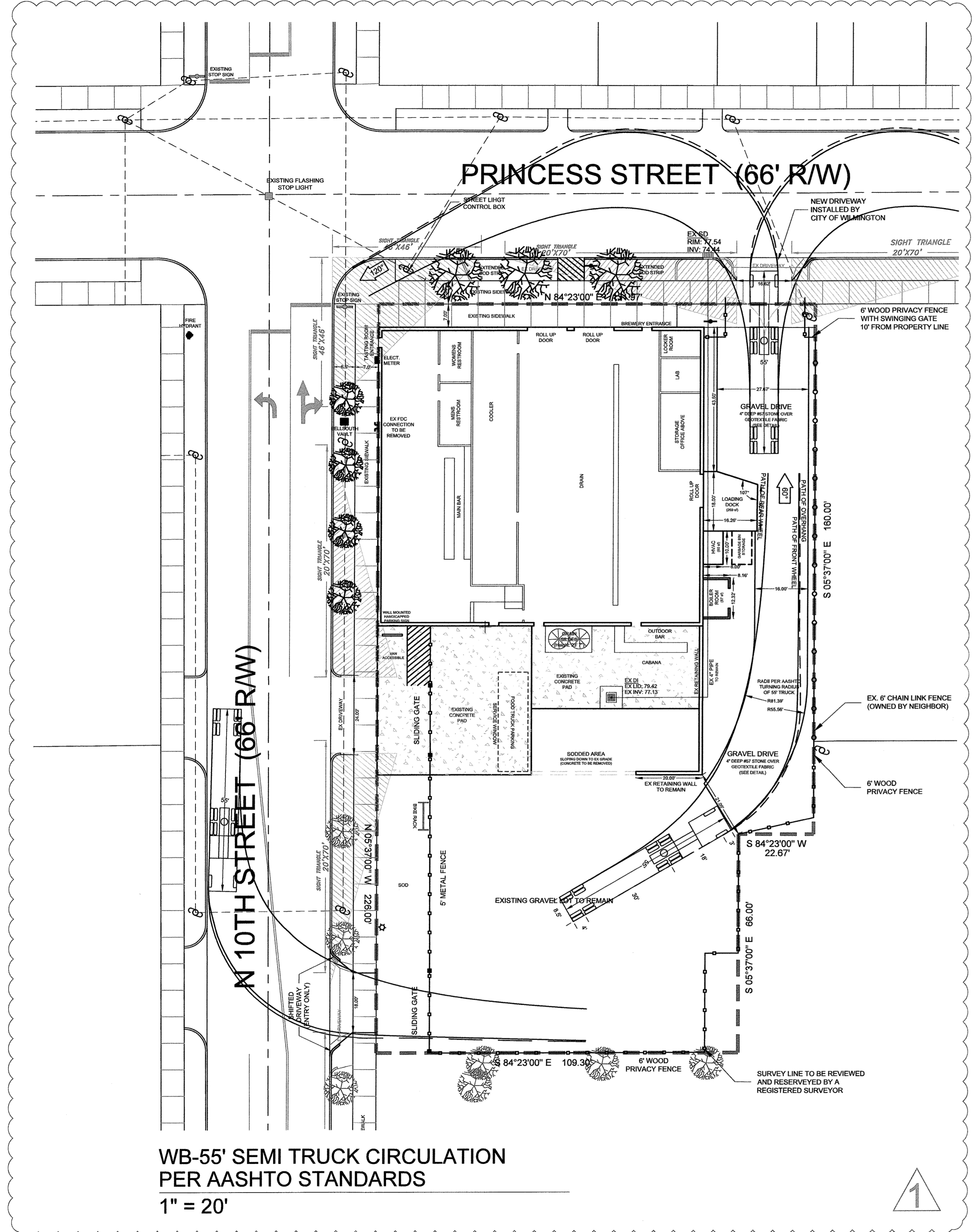
Coastal Land Design, PLLC
 Civil Engineering / Landscape Architecture
 Land Planning / Construction Management
 NOBELS Firm License No: P-0389
 P.O. Box 1172
 Wilmington, NC 28402
 Phone: 910-254-0333
 Fax: 910-254-0502

DRAWN : S. Lloyd	PROJECT :
DESIGN : F. Braxton	NUMBER :
CHECK : F. Braxton	SCALE : 1"=20'
APPROVED : F. Braxton	DATE : 6 DEC 2017
FILE NAME :	

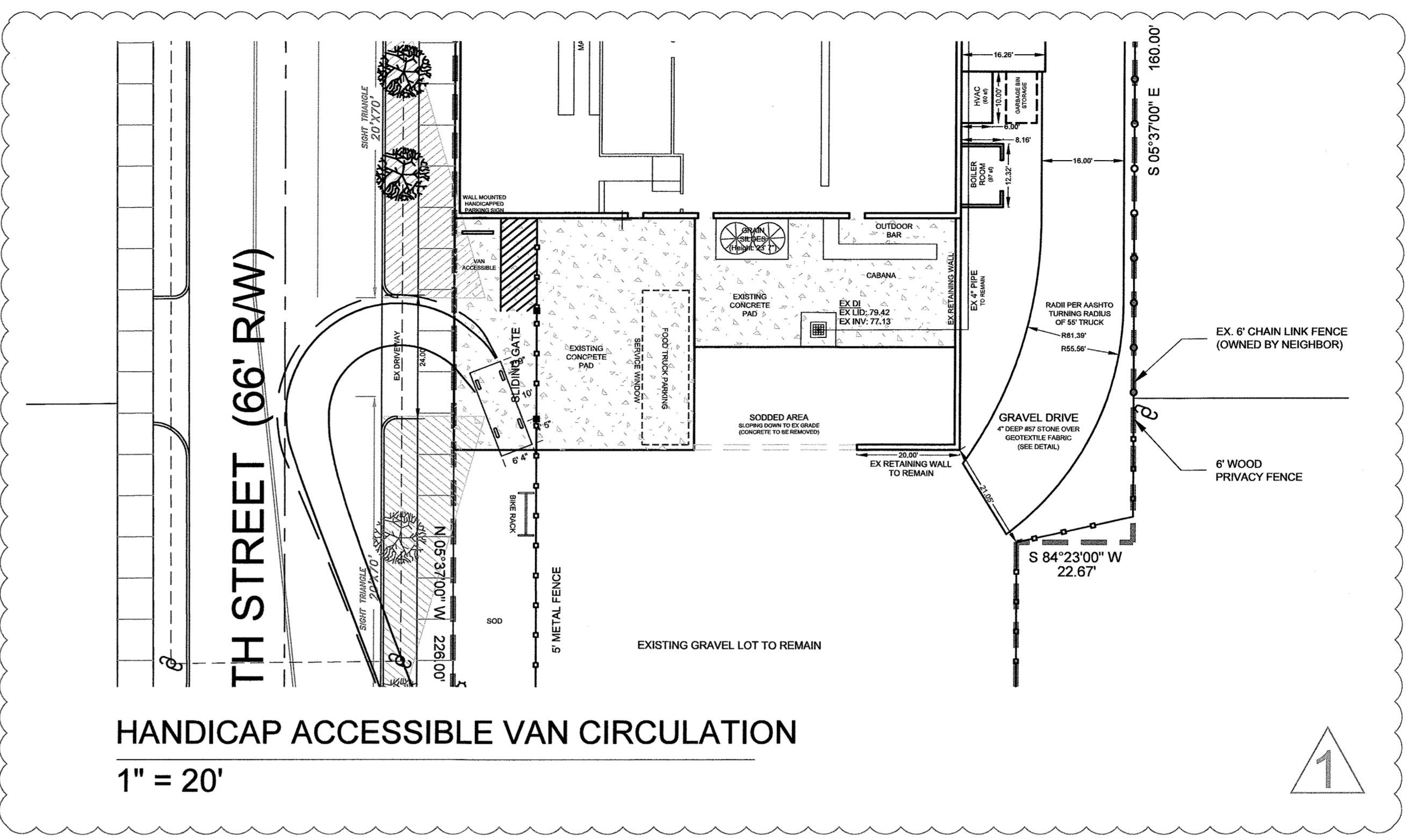
1002 PRINCESS STREET
 WILMINGTON, NC

CIRCULATION
 PLANS

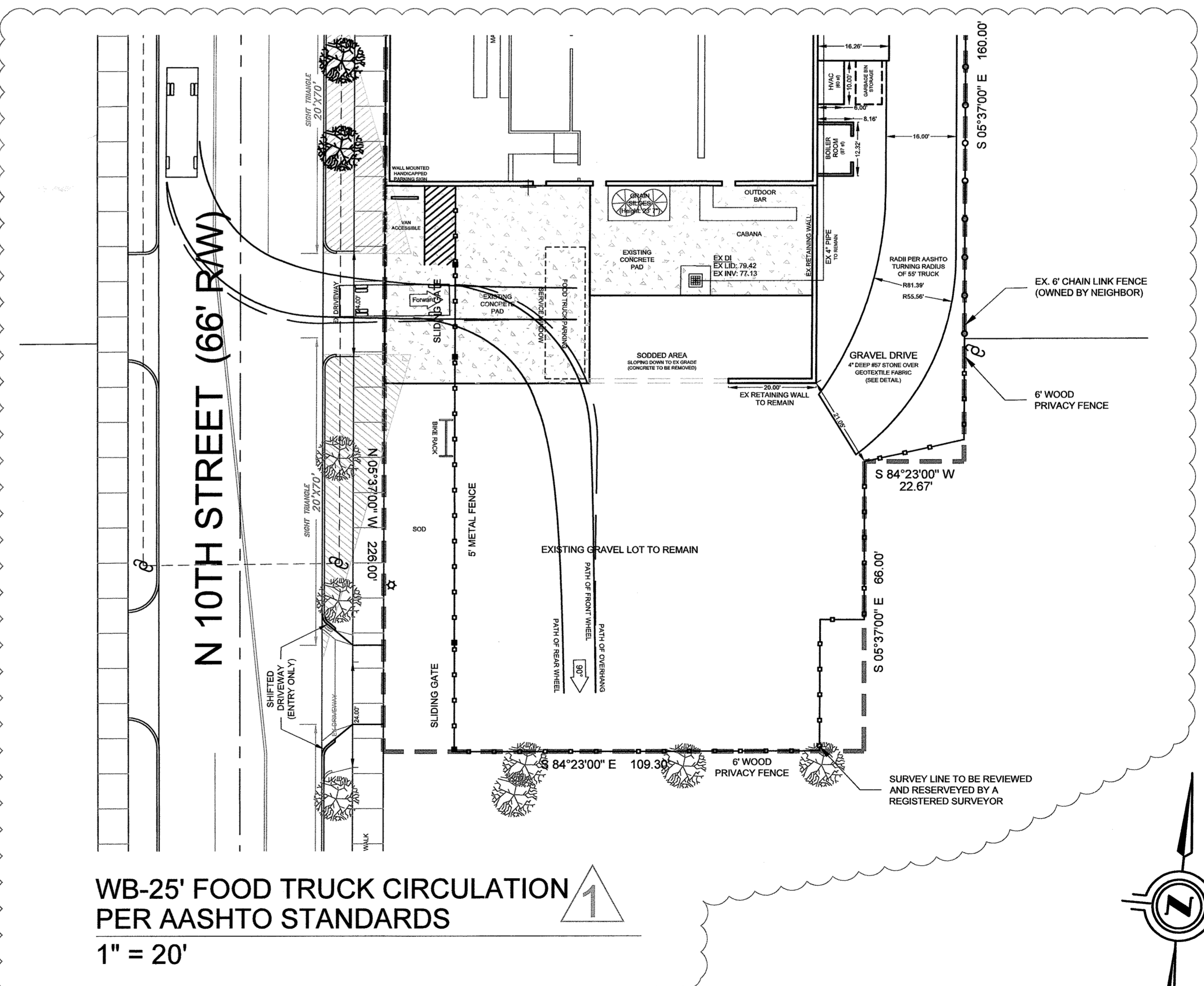
JOB NUMBER
960-26
 SHEET NUMBER
SP-4



WB-55' SEMI TRUCK CIRCULATION
 PER AASHTO STANDARDS
 1" = 20'



HANDICAP ACCESSIBLE VAN CIRCULATION
 1" = 20'



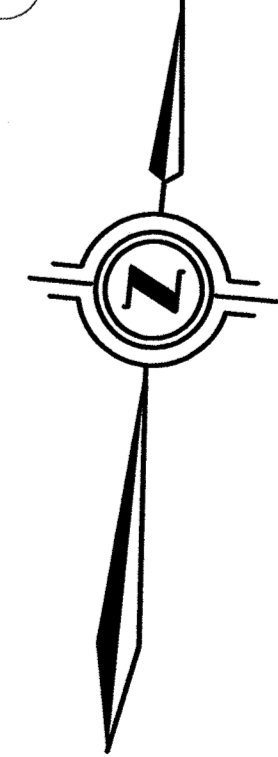
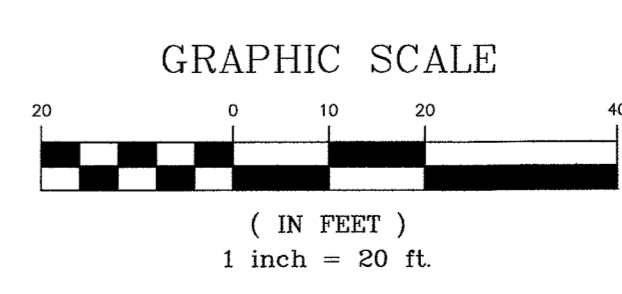
WB-25' FOOD TRUCK CIRCULATION
 PER AASHTO STANDARDS
 1" = 20'

CITY OF WILMINGTON
 NORTH CAROLINA
 Public Services • Engineering Division
 APPROVED PLAN - NO PERMIT REQUIRED
 Signed: *[Signature]* 12/7/17

WILMINGTON
 NORTH CAROLINA
 Approved Construction Plan
 Name _____ Date _____
 Planning *MAC 12/16/2017*
 Traffic *W Braxton 12-7-17*
 Fire *C Wall 12/7/17*

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

PRELIMINARY DESIGN
 NOT FOR CONSTRUCTION



PRELIMINARY DESIGN
NOT FOR CONSTRUCTION



Public Services • Engineering Division
APPROVED PLAN - NO PERMIT REQUIRED

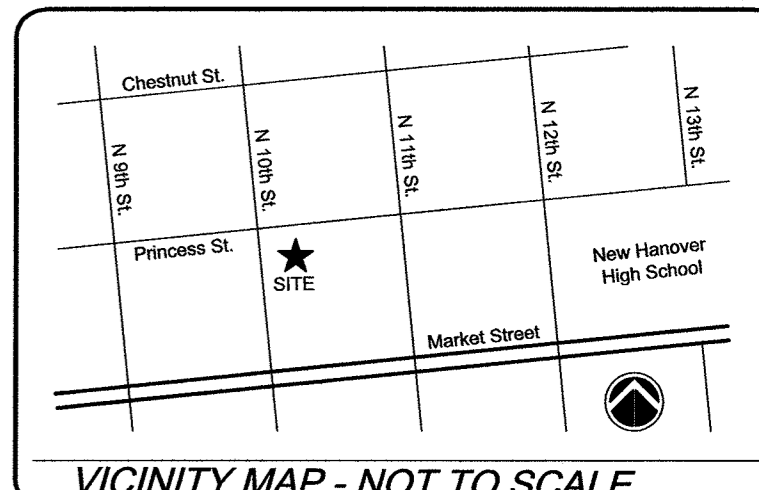
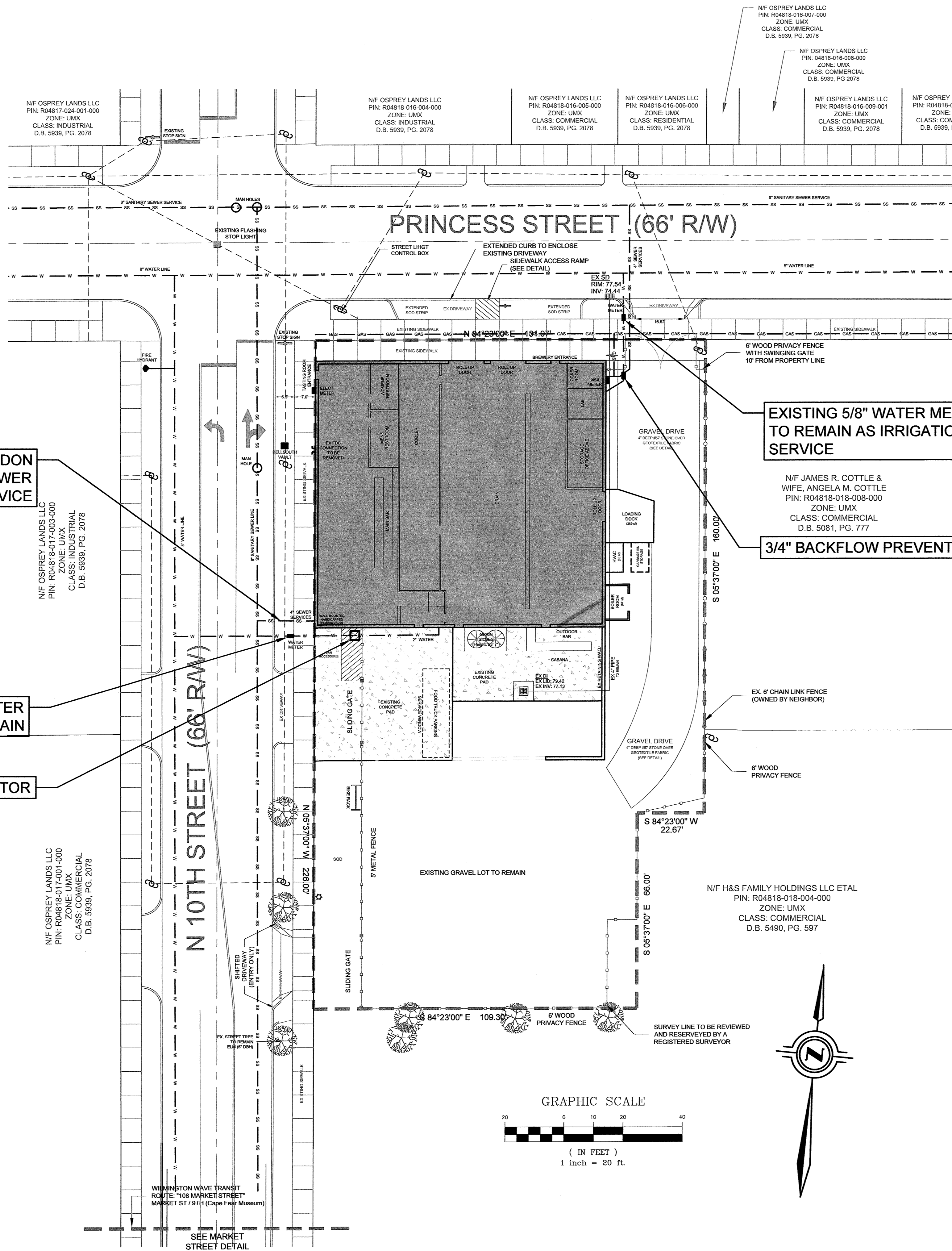
Signed: *[Signature]* 12/7/17



Approved Construction Plan

Name _____ Date _____
Planning *[Signature]* 12/14/17
Traffic *[Signature]* 12-7-17
Fire *[Signature]* 12/7/17

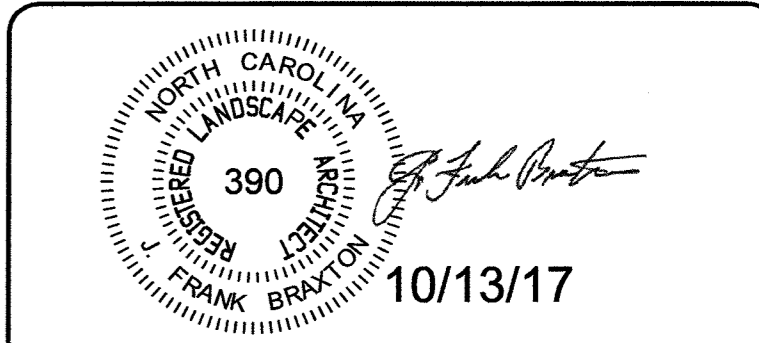
For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.



LEGEND:

NOTES:

REV. #	DESCRIPTION	REVISIONS	REBY DATE
#2	REVISIONS FOR 3RD TRC SUBMITTAL	S. LLOYD	12/1/17
#1	REVISIONS FOR 2ND TRC SUBMITTAL	S. LLOYD	11/21/17



TIDEWATER BREWING COMPANY
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P.O. Box 1172
Wilmington, NC 28402
www.cldeng.com
Phone: 910-254-9533
Fax: 910-254-0602

DRAWN : S. Lloyd	PROJECT :
DESIGN : F. Braxton	NUMBER :
CHECK : F. Braxton	SCALE : 1"=30'
APPROVED : F. Braxton	DATE : 6 DEC 2017
FILE NAME :	

1002 PRINCESS STREET
WILMINGTON, NC

UTILITY PLAN

JOB NUMBER: 960-26
SHEET NUMBER: SP-5

