

VICINITY MAP

SITE DATA TABLE	
USE:	RETAIL SALES (ALCOHOL)
PROPERTY OWNER:	NEW HANOVER COUNTY ALCOHOLIC BOARD
EXISTING PARCEL (A) ID#:	R05407-028-006-000
EXISTING MAP ID# (A):	312710.46.5473.000
SITE ADDRESS (A):	523 S. 17TH STREET
CURRENT ZONING (A):	UMX-URBAN MIXED USE
EXISTING PARCEL (B) ID#:	R05407-028-009-000
EXISTING MAP ID# (B):	312710.46.7510.000
SITE ADDRESS (B):	510 S. 18TH STREET
CURRENT ZONING (B):	UMX-URBAN MIXED USE
EXISTING PARCEL (C) ID#:	R05407-028-007-000
EXISTING MAP ID# (C):	312710.46.6399.000
SITE ADDRESS (C):	CASTLE STREET
CURRENT ZONING (C):	UMX-URBAN MIXED USE
EXISTING PARCEL (D) ID#:	R05407-028-008-000
EXISTING MAP ID# (D):	312710.46.7440.000
SITE ADDRESS (D):	1711 CASTLE STREET
CURRENT ZONING (D):	UMX-URBAN MIXED USE
PARCEL AREA:	
EXISTING PARCEL AREA (A):	0.93 AC (40,511 SF)
EXISTING PARCEL AREA (B):	0.21 AC (9,235 SF)
EXISTING PARCEL AREA (C):	0.09 AC (4,130 SF)
EXISTING PARCEL AREA (D):	0.22 AC (9,440 SF)
EXISTING ALLEY:	0.046 AC (2,014 SF)
TOTAL PARCEL AREA:	1.49 AC (65,330 SF)
PROPOSED PARCEL USE:	RETAIL PARKING
CAMA LAND CLASSIFICATION:	URBAN
BUILDING SETBACKS UMX:	FOR SIDE OF BUILDING ABUTTING SF ZONE: FRONT SETBACK: 5' MIN./10' MAX. SIDE SETBACK: 5' MIN. REAR SETBACK: 5' MIN.
EXISTING BUILDING SETBACKS:	FRONT SETBACK: 7.5' SIDE SETBACK: 5' MIN. REAR SETBACK: 10'
MAX. BUILDING HEIGHT UMX:	17TH ST. 4 STORIES/45' CASTLE ST./18TH ST. 2 STORIES/35'
EXISTING BUILDING:	17,323 SF
EXISTING BUILDING LOT COVERAGE:	42.76% SF
EXISTING BUILDING HEIGHT:	1 STORY (18' TO PARAPET/13' TO ROOF)
PARKING REQUIREMENT:	
PARKING REQ'D: UMX:	MAX. PER COW RETAIL: 1/200 SF=87 SPACES
EXISTING PARKING:	MIN: NONE 30 REGULAR SPACES 1 HC ACCESSIBLE SPACE 31 TOTAL SPACES
PARKING PROPOSED:	36 REGULAR SPACES 3 HC ACCESSIBLE SPACE 41 TOTAL SPACES
ACCESSIBLE PARKING REQUIRED:	3
BICYCLE PARKING REQUIRED:	3
BICYCLE PARKING PROPOSED:	5
SOLID WASTE DISPOSAL BY HAND CART:	
WATER/SEWER DEMAND:	2,880 GPD
LANDSCAPING REQUIREMENTS (REFER TO LANDSCAPE PLAN):	
15 TREES PER DISTURBED ACRE REQUIRED:	
DISTURBED AREA = 0.35 AC X 15 = 5 TREES	
INTERIOR LANDSCAPING 0&1-1: 20% CANOPY COVER OF INTERIOR AREA OF PARKING FACILITY	
BASED ON AMOUNT OF PARKING AREA IMPERVIOUS SURFACE:	
(PARKING IMPERVIOUS AREA=5,536 SF)	

IMPERVIOUS AREA	
SITE AREA:	65,330 SF (1.49 AC)
EXISTING IMPERVIOUS AREA:	
BUILDING:	21,800 SF
CONCRETE SIDEWALK/FLUME:	1,900 SF
CONCRETE PAVING/C&G:	12,854 SF
ASPHALT:	1,100 SF
TOTAL:	37,654 SF
PERCENT IMP.:	57.65%
EXISTING IMPERVIOUS AREA REMOVED:	
CONCRETE SIDEWALK/FLUME:	1,900 SF
ASPHALT:	1,100 SF
TOTAL:	3,000 SF
NEW IMPERVIOUS AREA ADDED:	
CONCRETE SIDEWALK:	2,242 SF
ASPHALT PAVING/C&G:	5,536 SF
TOTAL:	7,778 SF
PROPOSED IMPERVIOUS AREA:	
BUILDING:	21,800 SF
CONCRETE SIDEWALK:	2,242 SF
CONCRETE PAVING/C&G:	12,854 SF
ASPHALT:	5,536 SF
TOTAL:	42,432 SF
PERCENT IMP.:	65.0%

LEGEND

	PROPERTY LINE
	DISTURBED AREA LIMITS
	TEMPORARY SILT FENCE
	PROPOSED STORMDRAIN PIPE
	PROPOSED SANITARY SEWER
	PROPOSED STREETYARD
	PROPOSED FINISH GRADE
	SPOT ELEVATION
	DROP INLET/YARD INLET WITH INLET PROTECTION (DI)
	EXISTING CONTOUR
	EXISTING TREE TO BE SAVED
	TREE PROTECTION FENCING
	NEW ASPHALT
	NEW CONCRETE
	EXISTING CONCRETE

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
Public Services • Engineering Division
DRAINAGE PLAN

Date: _____ Permit # _____

Signed: _____

Approved Construction Plan

Name: _____ Date: _____

Planning: _____

Traffic: _____

Fire: _____

NODENR 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)

SCALE: 1" = 20'

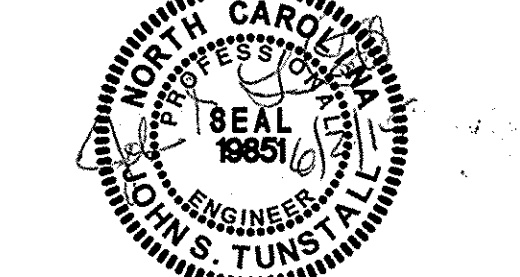
NEW HANOVER COUNTY
ABC FACILITY
RENOVATIONS

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WILMINGTON, NC 28401
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FAX (910) 343-9604
office@nt-engineers.com
licence #C-3641

CONSTRUCTION
DOCUMENTS



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WILMINGTON, NORTH CAROLINA 28412
TEL. 910.790.9901 FAX 910.790.3111
WWW.LS3P.COM



OWNER/DEVELOPER
NHC ABC BOARD
WILLIAM A. KOPP, BOARD MEMBER
6009 MARKET STREET
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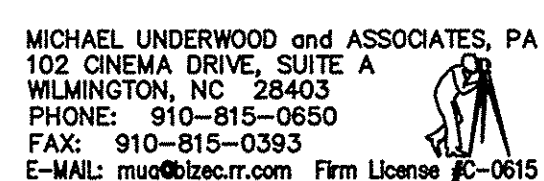
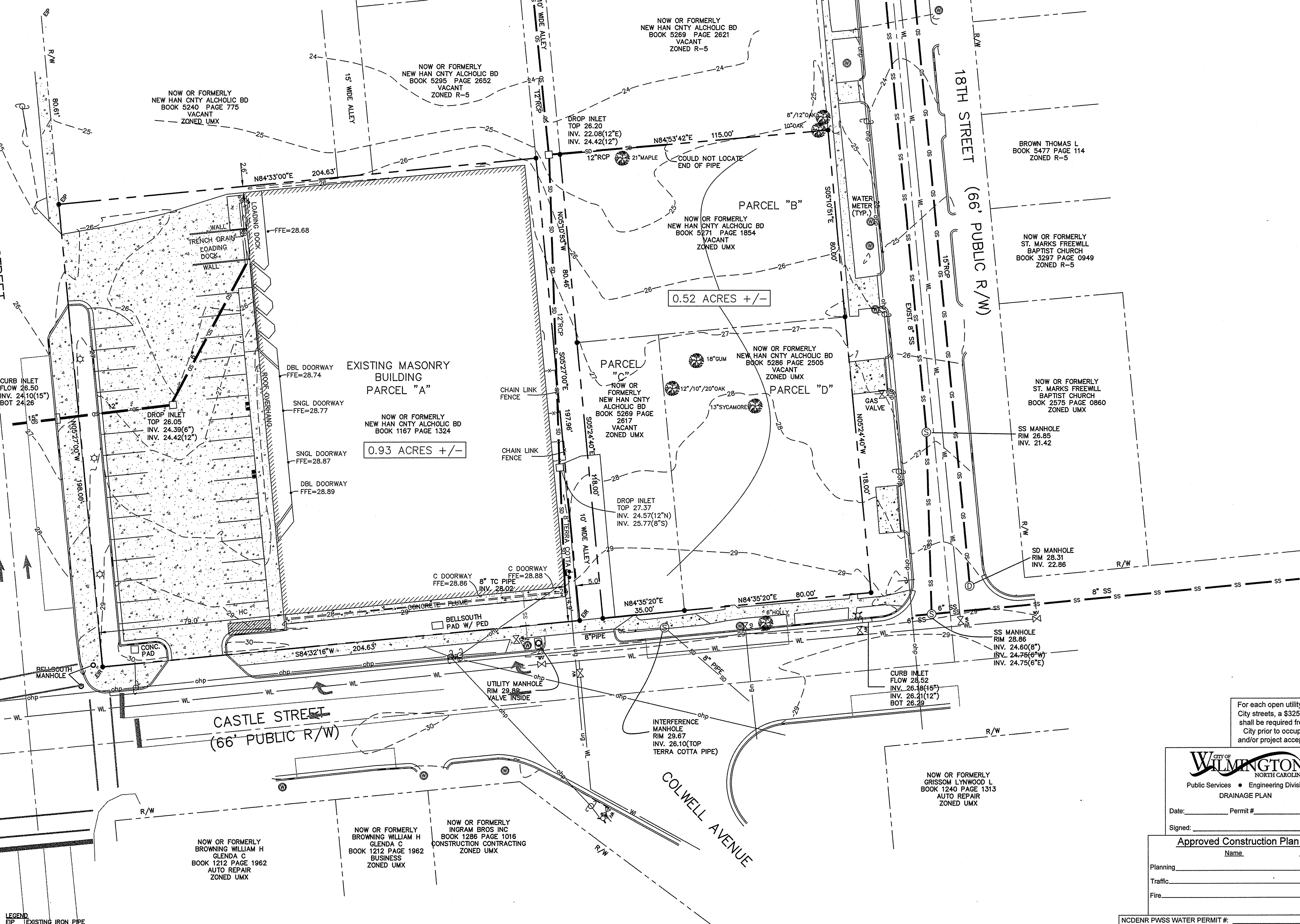
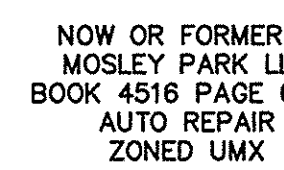
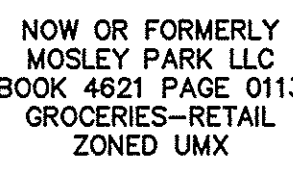
REVISIONS:

PROJECT: 7101-141210
DATE: 06/04/15
DRAWN BY: NKS
CHECKED BY: JST

**OVERALL SITE
PLAN**

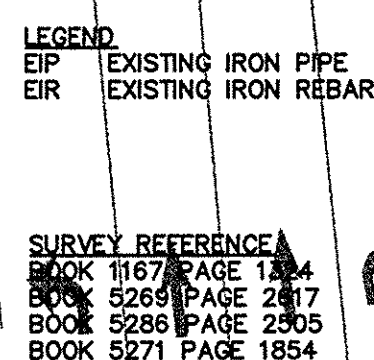
C-0

NT JOB #14105
SOLUTIONS THROUGH LISTENING
SERVICE BY DESIGN

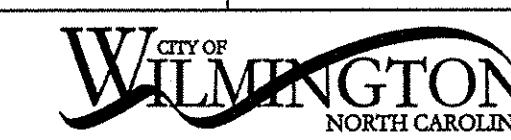


UTILITY STATEMENT

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED UNDERGROUND UTILITIES.



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Date: _____ Permit # _____

Signed: _____

Name _____ Date _____

nnning_____

2

NCDENR 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)

SCALE: 1" = 20'

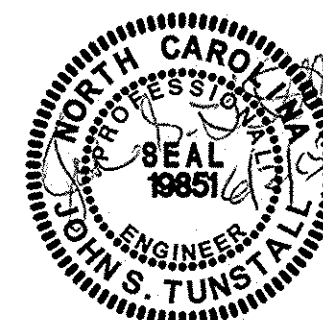
NEW HANOVER COUNTY ABC FACILITY RENOVATIONS

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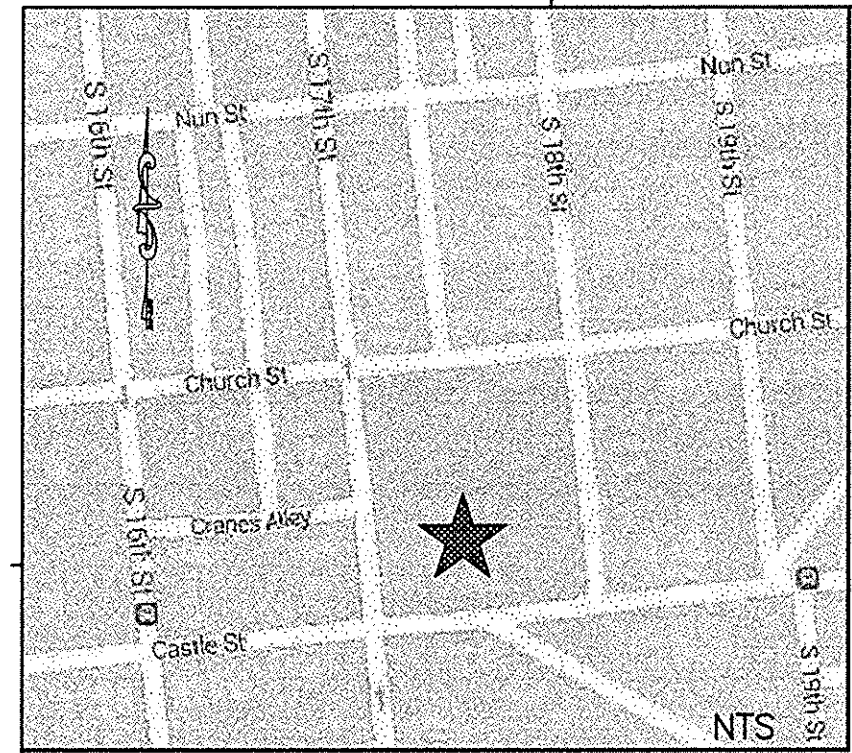
PROJECT: 7101-141210
DATE: 06/04/15
DRAWN BY: NKS
CHECKED BY: JST

SURVEY OF EXISTING CONDITIONS

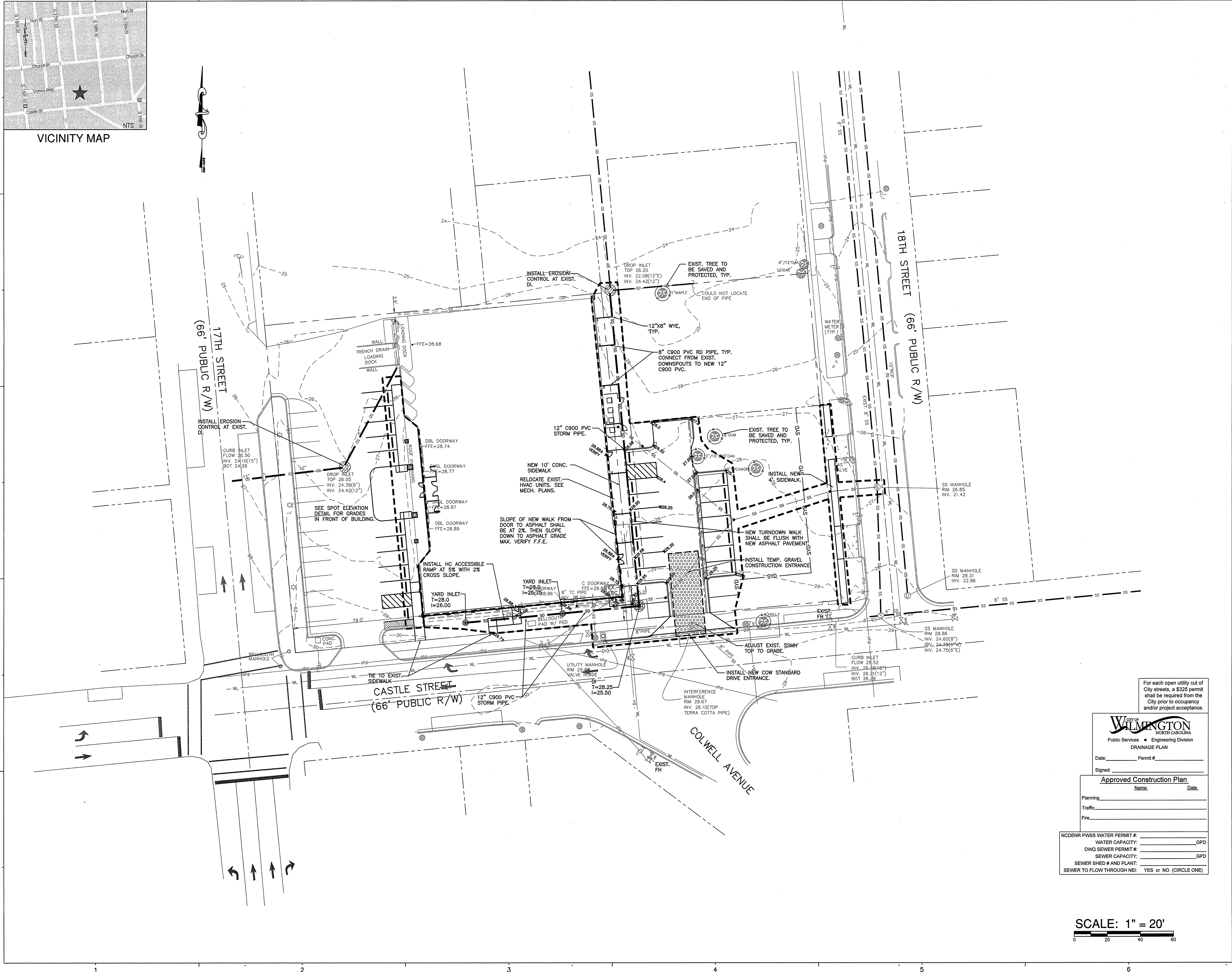
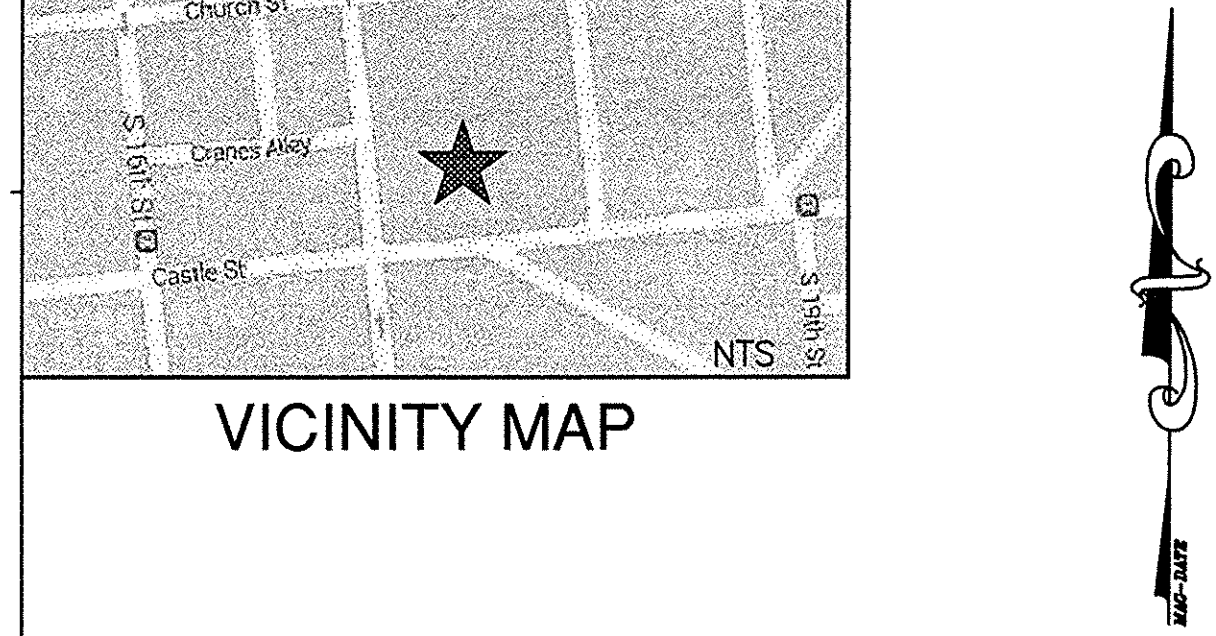
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NT JOB #1410

SOLUTIONS THROUGH LISTENING
SERVICE BY DESIGN



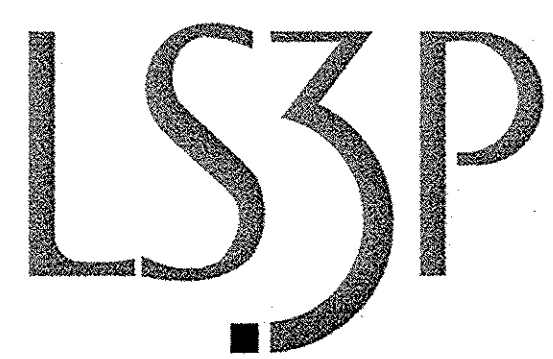
VICINITY MAP



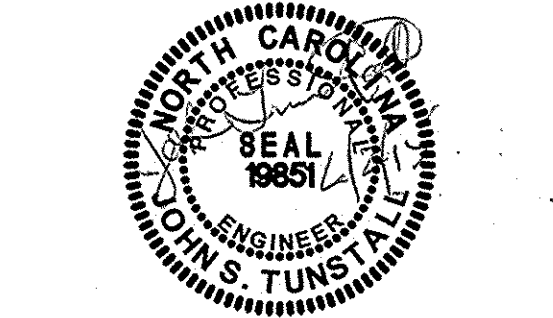
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COUNTY
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REVISIONS:

PROJECT: 7101-141210
DATE: 06/04/15
DRAWN BY: NKS
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City of
WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
DRAINAGE PLAN

Date: _____ Permit # _____
Signed: _____

Approved Construction Plan
Name _____ Date _____

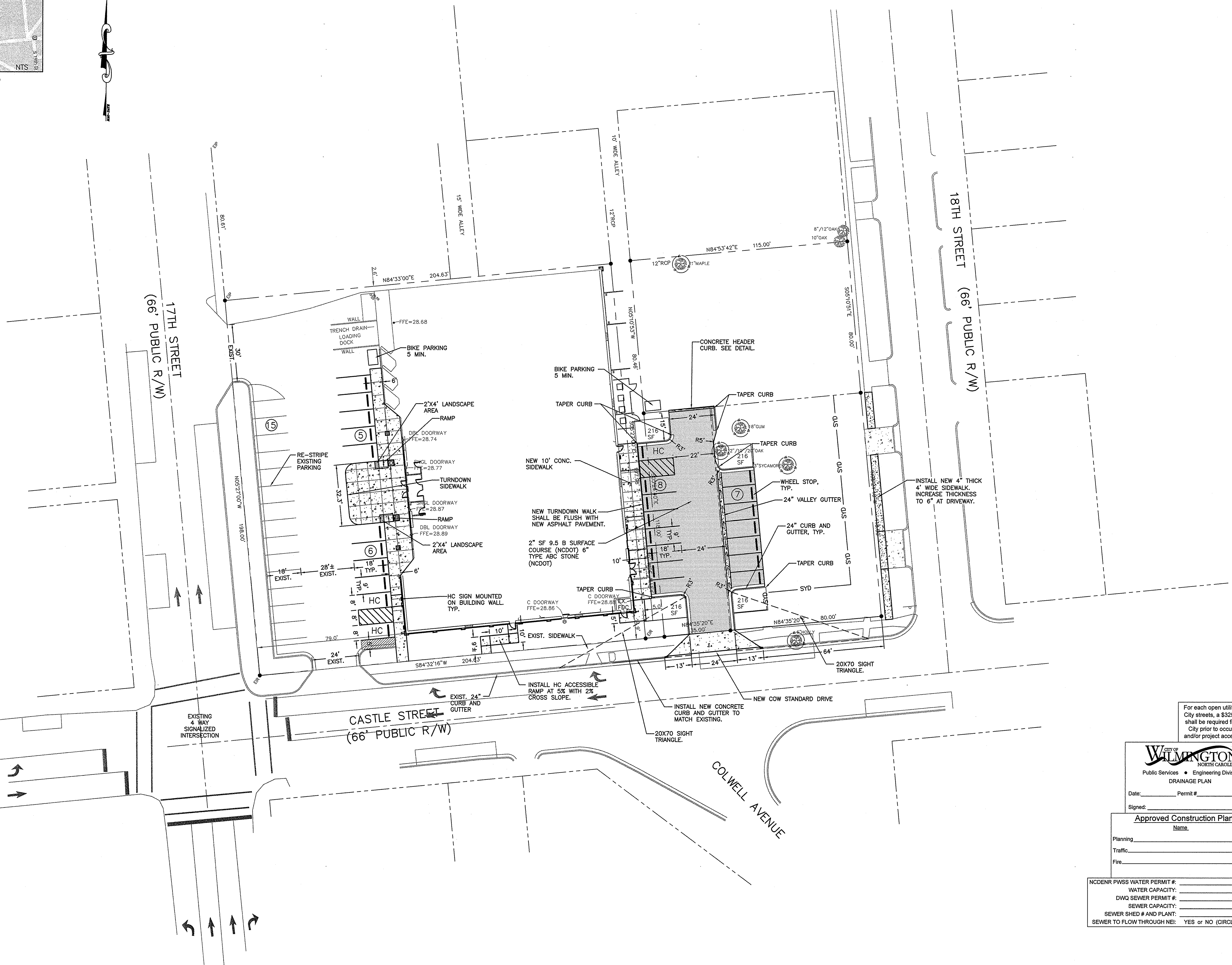
Planning _____
Traffic _____
Fire _____

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

SCALE: 1" = 20'

GRADING,
DRAINAGE AND
EROSION
CONTROL PLAN
C-3

NT JOB #14105
SOLUTIONS THROUGH LISTENING
SERVICE BY DESIGN

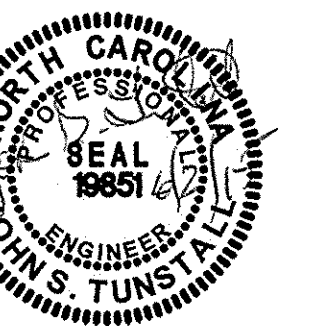


SCALE: 1" = 20'

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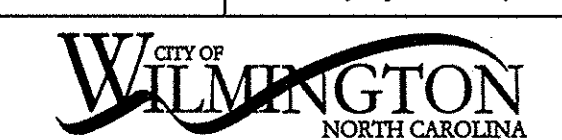


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VISIONS:

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



Date: _____ Permit # _____

Approved Construction Plan

Name Date

Traffic _____

Fire _____

NCDENR 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)

OBJECT: 7101-141210
DATE: 06/04/15
DRAWN BY: NKS
CHECKED BY: JST

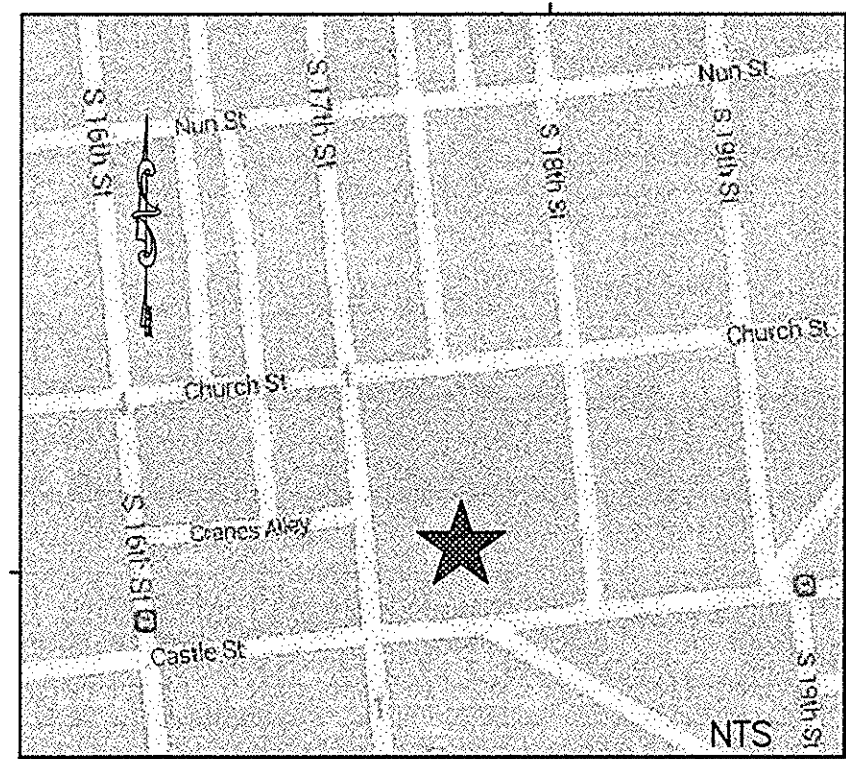
LAYOUT PLAN

C-4

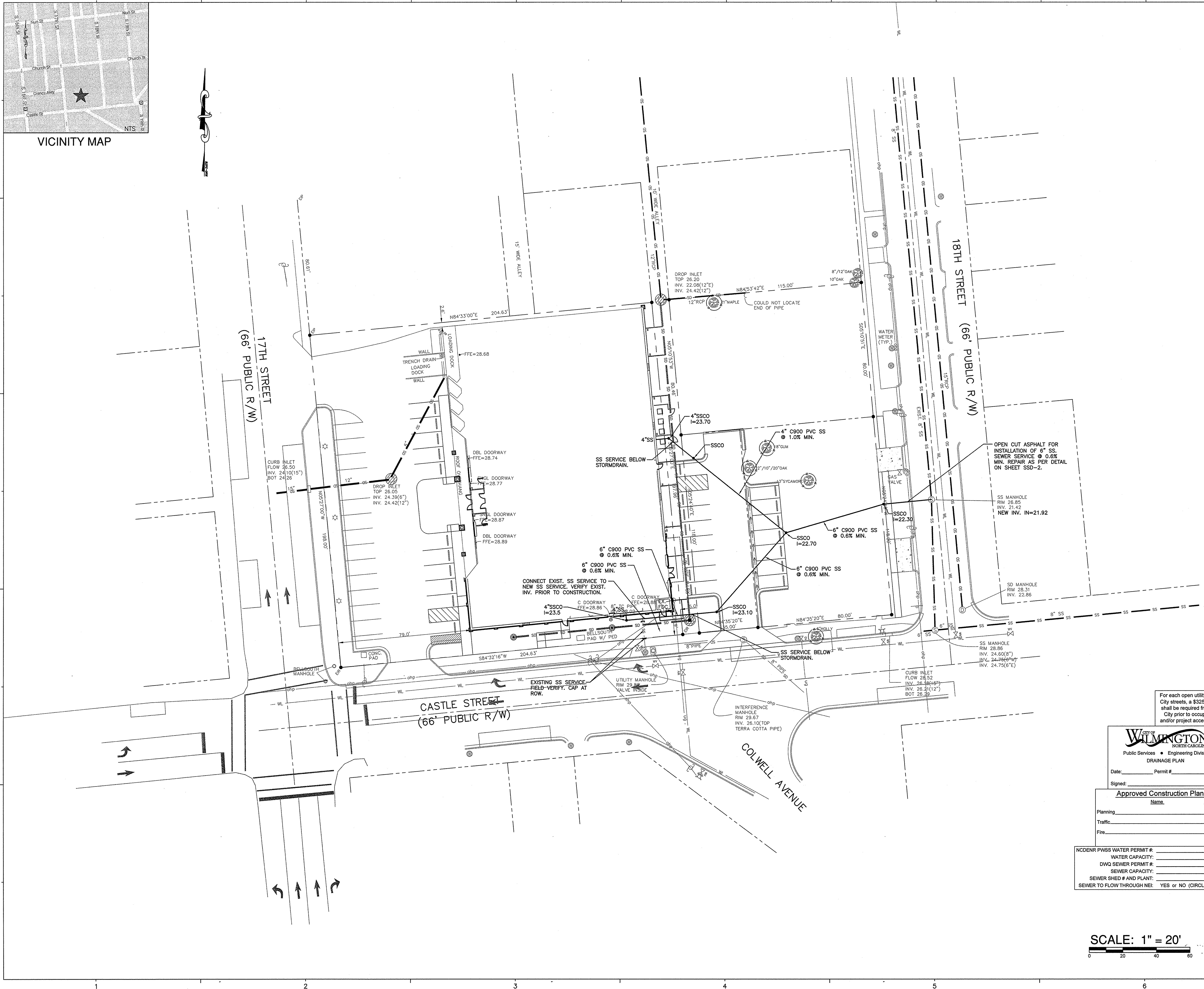
NT JOB #14105

SOLUTIONS THROUGH LISTENING

SERVICE BY DESIGN



VICINITY MAP



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WILMINGTON
Public Services • Engineering Division
DRAINAGE PLAN

Date: _____ Permit # _____

Signed: _____

Approved Construction Plan

Name _____ Date _____

Planning _____

Traffic _____

Fire _____

NCDENR PWSS WATER PERMIT # _____
WATER CAPACITY: _____ GPD
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SEWER CAPACITY: _____ GPD
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SCALE: 1" = 20'

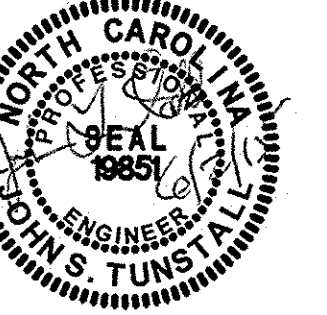
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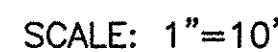
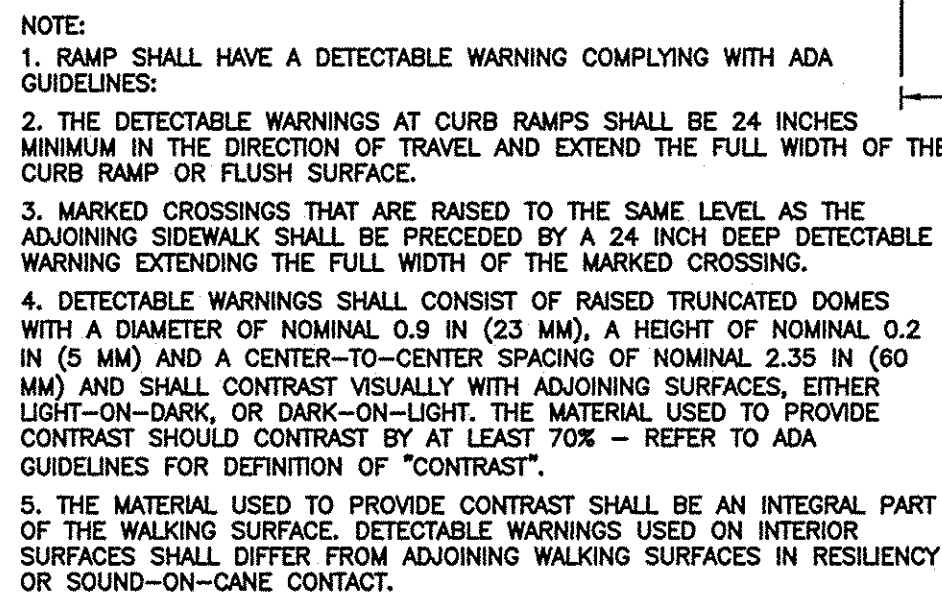
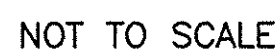
REVISIONS:

PROJECT: 7101-141210
DATE: 08/04/15
DRAWN BY: NKS
CHECKED BY: JST

UTILITY PLAN

C-5

NT JOB #14105
SOLUTIONS THROUGH LISTENING
SERVICE BY DESIGN

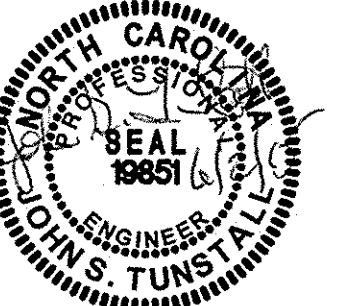


1. CONTACT THE NORTH CAROLINA COAL CENTER PRIOR TO ANY DOING AT 1-800-632-4949.
2. PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION SHALL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES AND NO CONSTRUCTION WORKINGS, TOOLS, MATERIALS, OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION ZONE.
3. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NC DOT STANDARDS.
4. ALL PARKING SLAT MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
5. INSTALL REFLECTORS PER CITY AND NC DOT STANDARDS. TRAFFIC ENGINEER SHALL APPROVE OF PAVEMENT MARKING LAYOUT PRIOR TO ACTUAL STRIPING.
6. ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY SHALL BE PERMITTED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
7. 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.
8. IF IT SHALL BE THE RESPONSIBILITY OF THE SUBDIVIDER TO ERECT A SIGN WITH THE NAME OF THE SUBDIVISION ASSOCIATED WITH THE SUBDIVISION IN ACCORDANCE WITH THE TECHNICAL STANDARDS AND SPECIFICATIONS MANUAL, THE SUBDIVIDER MAY REQUEST THE CITY TO ERECT A SIGN. THE CITY MAY CHOOSE TO CONTRACT WITH THE CITY TO INSTALL THE STREET SIGNS AND THE SUBDIVIDER SHALL PAY THE COST OF SUCH INSTALLATION. CONTACT THE CITY ENGINEER AT 341-348-3400 TO DISCUSS INSTALLATION OF TRAFFIC AND STREET NAME SIGNS. POSTED STREET SIGN SHALL BE APPROVED PRIOR TO INSTALLATION OF STREET NAME SIGNS.
9. CONTACT TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.
10. A UTILITY LOCATING FIRM SHALL BE HIRING FROM THE CITY OF CITY STREET. CONTACT 341-5888 FOR MORE DETAILS. IN CERTAIN CASES AN ENTERED RESURFACING OF THE AREA BEING OPEN OUT MAY BE REQUIRED.
11. ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS, AND CURBING WILL BE REPLACED.
12. CONTACT TRAFFIC ENGINEERING AT 341-7888 TO DISCUSS STREET LIGHTING OPTION.
13. PROJECT SHALL COMPLY WITH CFFPA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METER(S) CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR APPROVAL.
14. IF THE CONTRACTOR DESIRES CFFPA WATER FOR CONSTRUCTION HE SHALL APPLY IN ADVANCE FOR THIS SERVICE AND MUST PROVIDE A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTION DEVICE TO THE SERVICE PROVIDER.
15. ANY IRRIGATION SYSTEM SUPPLIED BY CFFPA WATER SHALL COMPLY WITH CFFPA CROSS CONNECTION CONTROL REGULATIONS. CALL 332-6586 FOR INFORMATION.
16. ANY AND ALL FLOW METER DEVICES REQUIRED BY USFCA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES BY USFCA/CHOR ASSE.
17. WHEN PVC WATER MAINS AND/OR POLYETHYLENE SERVICES ARE PROPOSED, THE PIPES ARE TO BE MARKED WITH NO. 10 INSULATED SINGLE STRAND COPPER WIRE INSTALLED THE ENTIRE LENGTH AND SUFFICIENT VALVE LOCATIONS SHALL BE PROVIDED TO ALLOW FOR FIRE HYDRANTS AND WATER METER BOXES TO AID IN FUTURE LOCATION OF FACILITIES.
18. THE NUMBER AND SPACING OF DRIVEWAYS FOR ALL INTERCONNECTED SITES WILL BE DETERMINED BY THE COMBINED FRONTAGE OF THE INTERCONNECTED PROPERTIES.
19. UNDER NO CIRCUMSTANCES SHALL BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC ROW TO THE BUILDING. CONTACT THE WILMINGTON FIRE DEPARTMENT DIVISION OF FIRE AND ALARM SAFETY AT 910-343-0800 FOR ADDITIONAL INFORMATION.
20. A LANDSCAPE PLAN INDICATING THE LOCATION OF ANY REQUIRED STREET LIGHTING SHALL BE SUBMITTED TO THE CITY OF WILMINGTON TRAFFIC ENGINEER DIVISION AND PARKS AND RECREATION DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE RECORDING OF THE FINAL PLAT.
21. IF AND IRRIGATION SYSTEM IS PLANNED FOR THE SITE, UTILIZE METERED SPRINKLERS.
22. ALL PROPOSED VEGETATION WITHIN THE SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10'.

NORRIS & TUNSTALL
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**CALL 811 (3) WORKING
DAYS BEFORE YOU DIG.**

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

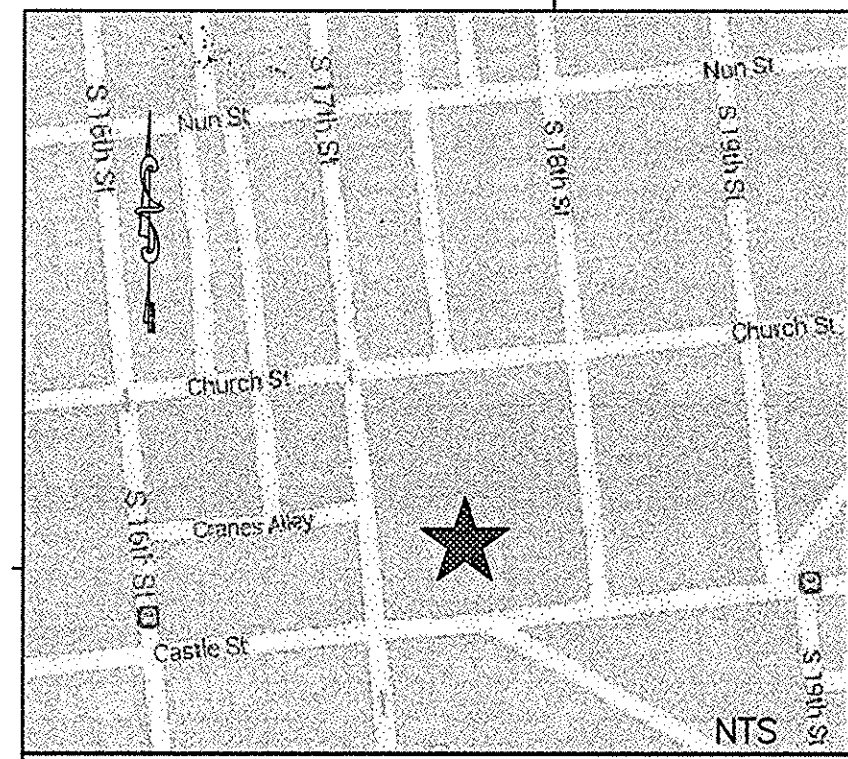
PROJECT: 7101-141210
DATE: 08/04/15
DRAWN BY: NKS
CHECKED BY: JST

NOTES AND
DETAILS

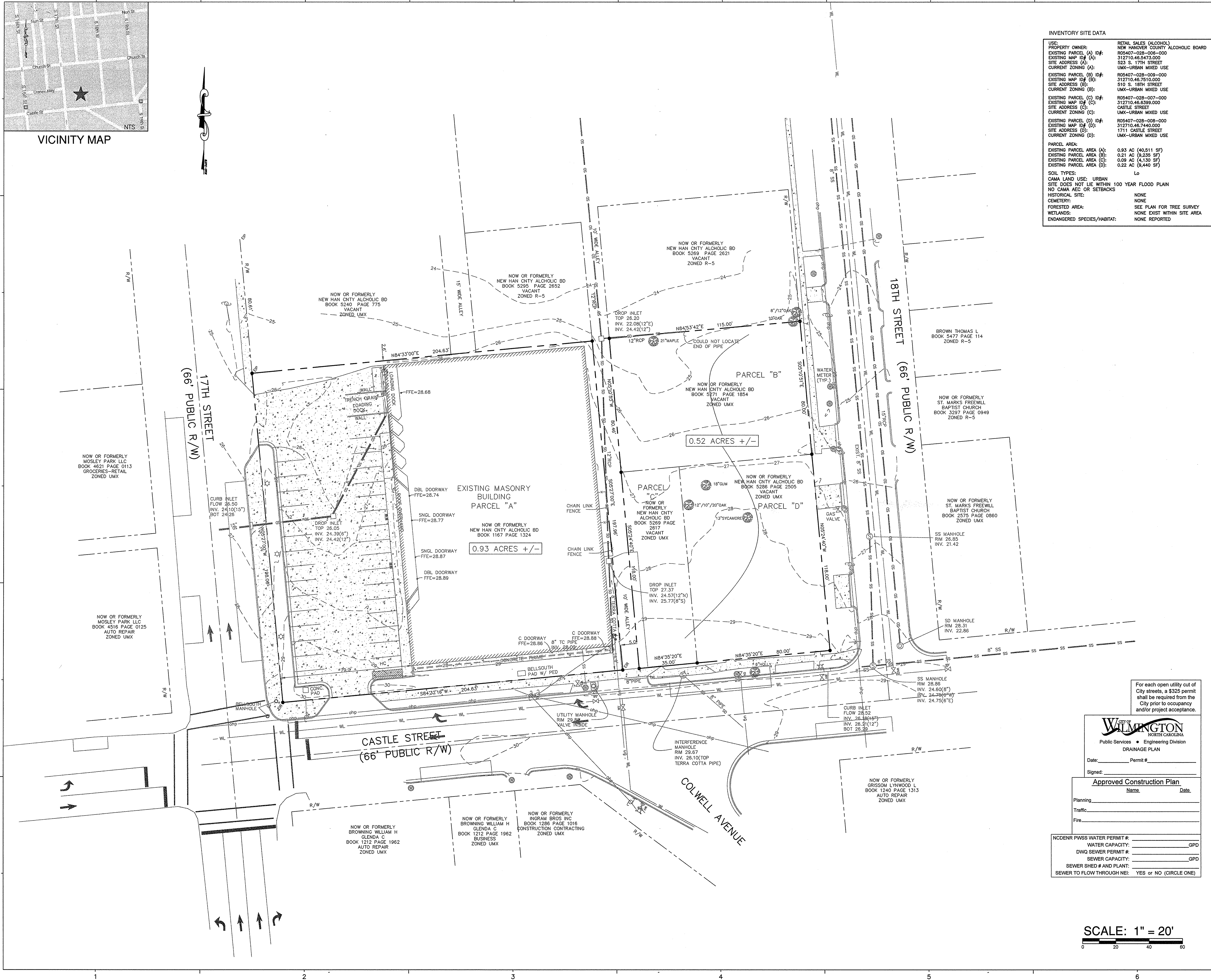
C-7

T JOB #14105

SOLUTIONS THROUGH LISTENING
SERVICE BY DESIGN



VICINITY MAP



INVENTORY SITE DATA

USE:	RETAIL SALES (ALCOHOL)
PROPERTY OWNER:	NEW HANOVER COUNTY ALCOHOLIC BOARD
EXISTING PARCEL (A) ID#:	R05407-028-008-000
EXISTING MAP ID# (A):	312710-46.242.000
SITE ADDRESS (A):	523 S. 17TH STREET
CURRENT ZONING (A):	UMX-URBAN MIXED USE
EXISTING PARCEL (B) ID#:	R05407-028-009-000
EXISTING MAP ID# (B):	312710-46.7510.000
SITE ADDRESS (B):	510 S. 18TH STREET
CURRENT ZONING (B):	UMX-URBAN MIXED USE
EXISTING PARCEL (C) ID#:	R05407-028-007-000
EXISTING MAP ID# (C):	312710-46.5399.000
SITE ADDRESS (C):	CASTLE STREET
CURRENT ZONING (C):	UMX-URBAN MIXED USE
EXISTING PARCEL (D) ID#:	R05407-028-008-000
EXISTING MAP ID# (D):	312710-46.7440.000
SITE ADDRESS (D):	1711 CASTLE STREET
CURRENT ZONING (D):	UMX-URBAN MIXED USE
PARCEL AREA:	
EXISTING PARCEL AREA (A):	0.93 AC (40,511 SF)
EXISTING PARCEL AREA (B):	0.21 AC (9,235 SF)
EXISTING PARCEL AREA (C):	0.09 AC (4,130 SF)
EXISTING PARCEL AREA (D):	0.22 AC (9,440 SF)
SOIL TYPES:	Lo
CAMA LAND USE:	URBAN
SITE DOES NOT LIE WITHIN 100 YEAR FLOOD PLAIN	
NO CAMA AEC OR SETBACKS	
HISTORICAL SITE:	NONE
CEMETERY:	NONE
FORESTED AREA:	SEE PLAN FOR TREE SURVEY
WETLANDS:	NONE EXIST WITHIN SITE AREA
ENDANGERED SPECIES/HABITAT:	NONE REPORTED

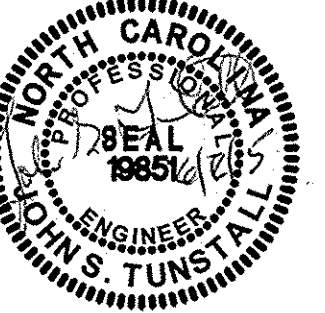
NEW HANOVER COUNTY
ABC FACILITY
RENOVATIONS

**NORRIS & TUNSTALL
CONSULTING
ENGINEERS, P.C.**
902 MARKET STREET
WILMINGTON, NC 28401
PHONE (910) 343-9653
FAX (910) 343-9604
office@ntsteng.com
license #C-3641

CONSTRUCTION
DOCUMENTS



LS3P ASSOCIATES LTD.
3228 INDEPENDENCE BLVD., SUITE 200
WILMINGTON, NORTH CAROLINA 28412
TEL. 910.790.9901 FAX 910.790.3111
WWW.LS3P.COM

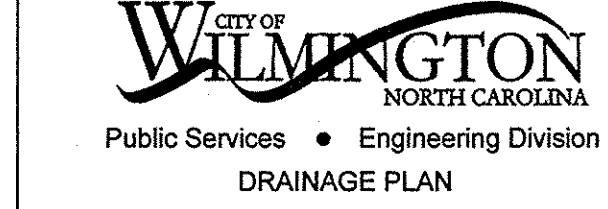


OWNER/DEVELOPER
NHC ABC BOARD
WILLIAM A. KOPP, BOARD MEMBER
6009 MARKET STREET
WILMINGTON, NC 28405
910-762-7611

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REVISIONS:

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



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)

SCALE: 1" = 20'

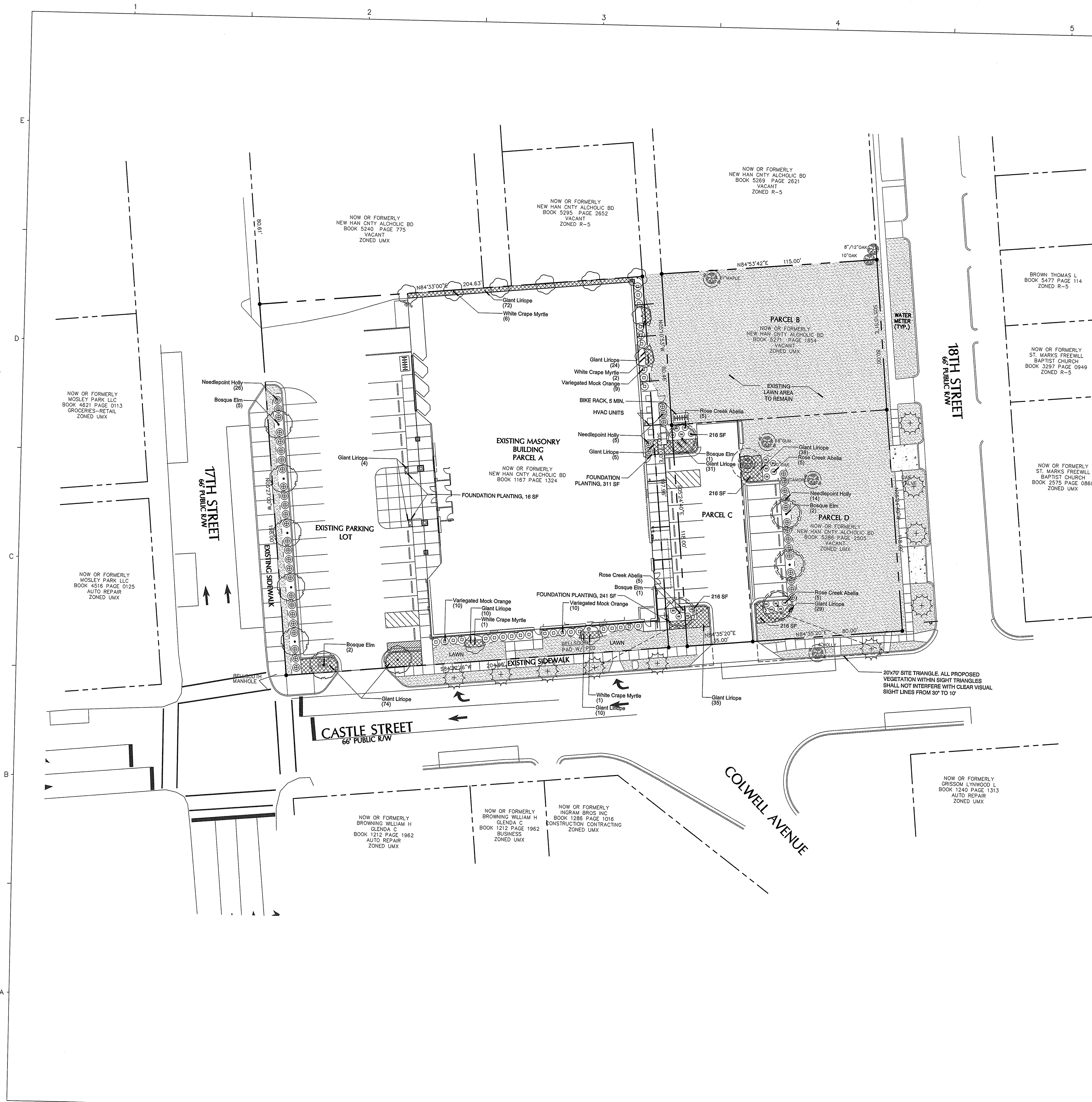


PROJECT: 7101-141210
DATE: 06/04/16
DRAWN BY: NKS
CHECKED BY: JST

INVENTORY SITE
PLAN

1-1

NT JOB #14105
SOLUTIONS THROUGH LISTENING
SERVICE BY DESIGN



SITE DATA

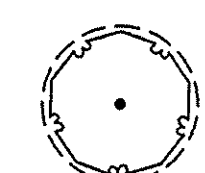
PROPERTY OWNER:	NEW HANOVER COUNTY ALCOHOLIC BOARD
USE:	RETAIL, SALES (ALCOHOL)
CAMA LAND CLASSIFICATION:	URBAN
CURRENT ZONING:	UMX-URBAN MIXED USE
ADDRESS A:	523 S. 17TH STREET
PARCEL ID A:	R05407-028-009-000; 83 ACRES (40,511 SF)
ADDRESS B:	510 S. 18TH STREET
PARCEL ID B:	R05407-028-009-000; 21 ACRES (9,235 SF)
ADDRESS C:	CASTLE STREET
PARCEL ID C:	R05407-028-007-000; 09 ACRES (4,130 SF)
ADDRESS D:	1711 CASTLE STREET
PARCEL ID D:	R05407-028-009-000; 22 ACRES (9,440 SF)
EXISTING ALLEY:	046 ACRES
TOTAL PARCEL AREA:	1.49 ACRES (65,330 SF)

LANDSCAPE REQUIREMENTS

	REQUIRED	PROVIDED
PARKING LOT INTERIOR CANOPY COVERAGE	(5,536 SF X 20%) 1,107 SF	
TREES REQUIRED:	4 LARGE SHADE TREES * 707 SF =	2,820 SF
TREES PROVIDED:	2 LARGE SHADE TREES * 253.5 SF =	5,172 SF
TOTAL CANOPY COVERAGE		
STREET TREE PLANTING		
17TH STREET	155 LF/30	5 TREES
CASTLE STREET	280 LF/30	9 TREES
18TH STREET	155 LF/30	5 TREES
FOUNDATION PLANTING	12% FACADE AREA (ADD. TO PARKING/DRIVE AISLE)	
EXISTING BUILDING	(280 LF X 13' HT X .12) =	589 SF
TREE REQUIREMENTS PER DISTURBED ACRE	15 TREES PER DISTURBED ACRE MUST BE RETAINED OR PLANTED ON SITE.	
REQUIRED:	36 ACRES DISTURBED X 15 TREES = 5 TREES REQUIRED	
PROVIDED:	22 TREES PROPOSED	

PLANT SCHEDULE

TREES	BOTANICAL NAME / COMMON NAME	CONT	GAL	RANGE	QTY
	Ilex x. 'East Palatka' / Single Stem East Palatka Holly	--	2" GAL	10-12' HT	10
	Lagerstroemia L. 'Byer's Wonderful White' / White Crape Myrtle	--	2.5-3" GAL	8-10' HT	10
	Ulmus p. 'Bosque' / Bosque Elm	--	3" GAL	12-14' HT	12
SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	RANGE		QTY
	Abelia x grandiflora 'Rose Creek' / Rose Creek Abelia	3 gal	18-24" HT		20
	Ilex c. 'Needpoint' / Needpoint Holly	10 gal	38" HT		45
	Philadelphus L. 'Variegata' / Variegated Mock Orange	3 gal	18-24" HT		29
GROUND COVERS	BOTANICAL NAME / COMMON NAME	SIZE	RANGE	SPACING	QTY
	Liriodendron / Giant Liriodendron	1 GAL	12-18" HT	24" o.c.	332
SOD/SEED	BOTANICAL NAME / COMMON NAME	SIZE	RANGE	SPACING	QTY
	Eriochloa oligosperma / Centipede	--			22,331 sf

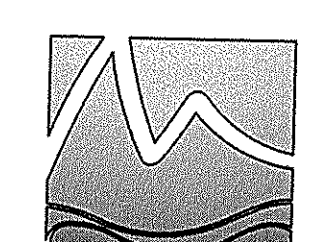


TREES COUNTED TOWARD PARKING LOT SHADE REQUIREMENTS

GENERAL PLANTING NOTES

- THIS WORK INCLUDES, BUT IS NOT LIMITED TO THE FURNISHING OF ALL LABOR, MATERIALS, EQUIPMENT, FINAL GRADING, SEEDING, SOIL AMENDMENTS, ETC., AS MAY BE REQUIRED FOR A COMPLETE INSTALLATION.
- QUANTITIES SHOWN IN PLANT LISTS ARE FOR CONVENIENCE ONLY. PLANS SHALL GOVERN.
- THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN PLANT LOCATIONS OR INSUFFICIENT PLANT QUANTITIES DUE TO DIFFERENCES IN PLAN AND ACTUAL FIELD CONDITIONS.
- ALL TREE AND SHRUB MATERIAL SPECIFIED MUST MEET STANDARD INDUSTRY SPECIFICATIONS FOR THE CONTAINER SIZE INDICATED. DOWNINGS OR SUBSTITUTION OF PLANT MATERIAL WITHOUT PRIOR APPROVAL OF LANDSCAPE ARCHITECT WILL NOT BE ALLOWED.
- ALL LANDSCAPE AREAS SHALL BE GRADED TO A SMOOTH EVEN SURFACE PRIOR TO ANY PLANT INSTALLATION. ALL PLANT MATERIALS SHALL BE INSTALLED USING GOOD HORTICULTURAL PRACTICES IN ACCORDANCE WITH THE PLANS AND DETAILS.
- TREES SHALL NOT BE PLANTED CLOSER THAN FOUR (4) FEET FROM ANY WALKWAY OR PUBLIC SIDEWALK EXCEPT WHERE TREE WELLS OR PARKWAYS ARE PROVIDED IN THE SIDEWALK AREA. ALL TREE PLANTED WITHIN FIVE (5) FEET OF WALKS OR PUBLIC UTILITIES SHALL RECEIVE DEEP ROOT BARRIERS.
- TREE LOCATIONS SHOWN ON PLAN MAY REQUIRE ADJUSTMENT IN THE FIELD. WHENEVER FEASIBLE, TREES SHOULD BE PLANTED AT A MINIMUM OF TEN (10) FEET FROM ALL UNDERGROUND UTILITIES, STREETLIGHTS, HYDRANTS, AND OUT OF DRAINAGE FLOW LINES. SHOULD THIS NOT BE POSSIBLE, CONTACT THE LANDSCAPE ARCHITECT FOR DECISION ON PLACEMENT.
- ALL TREES IN TURF AREAS SHALL HAVE 12" MIN. CLR. CIRCUMFERENCE AROUND THE TRUNK BASE. PROVIDE 2" MIN. THK. MULCH AT BASE OF TRUNK.
- GROUND COVER TYPE SHOWN SHALL BE PLANTED IN ALL SHRUB AREAS AS SPECIFIED ON PLANS. GROUND COVER SHALL BE PLANTED AT 8" ON-CENTER UNIFORM TRIANGULAR SPACING, AND SHALL BE CONTINUOUS UNDER ALL TREE AND SHRUB MASSES AS SHOWN ON PLAN.
- MATURE PLANTINGS SHALL NOT INTERFERE WITH UTILITIES AND TRAFFIC SIGHT LINES.
- ALL PLANTING AREAS SHALL BE MULCHED WITH PINESTRAW, EXCEPT FOR AREAS PLANTED WITH GROUND COVER. ALL AREAS PLANTED WITH GROUND COVER SHALL BE MULCHED WITH HARDWOOD MULCH.
- LAWN AREAS DAMAGED IN CONSTRUCTION TO BE REPLANTED TO MATCH EXISTING.

NEW HANOVER COUNTY ABC FACILITY RENOVATIONS

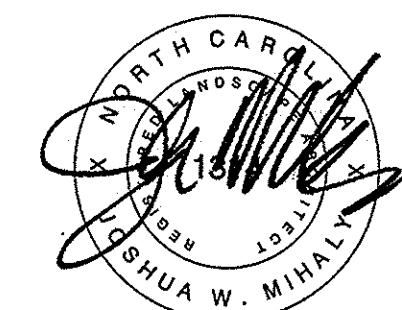


MIHALY LAND DESIGN
PLANNING + LANDSCAPE ARCHITECTURE
210 HILLCREST DRIVE, SUITE 403
WILMINGTON, NC 28403 910.392.4355

CONSTRUCTION DOCUMENTS

LS3P

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WILMINGTON, NORTH CAROLINA 28412
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REVISIONS:

PROJECT: 7101-141210
DATE: 04/15/2016
DRAWN BY: ACA
CHECKED BY: ACA

LANDSCAPE PLAN

L-101

