

REVISIONS		
No.	Date	Description

LOCATION MAP
NTS

- SITE INVENTORY NOTES:**
- PREPARER OF THE PLAN: TRIPP ENGINEERING, P.C.
 - APPLICANT NAME: ABINTO CORPORATION
 - SITE ADDRESS OF THE DEVELOPMENT: 3320 JAECKLE DRIVE
 - PROPERTY OWNER: ABINTO CORPORATION
 - DEVELOPER: ABINTO CORPORATION
 - PROPERTY BOUNDARY: SEE PLAN
TAX PARCEL INFORMATION: R05505-004-025-000
 - PROPERTY ZONING: O&I-1; OFFICE AND INSTITUTIONAL DISTRICT
 - ADJACENT PROPERTY OWNER INFORMATION: SEE PLAN
 - VICINITY MAP: SEE PLAN
 - TOPOGRAPHY: SEE PLAN
 - 100-YEAR FLOOD BOUNDARY: N/A
 - EXISTING DITCHES, CREEKS AND STREAMS: SEE PLAN
 - SOIL: Ke; KENANSVILLE FINE SAND AND JO; JOHNSTON
 - CAMA AEC: N/A
 - CAMA LAND CLASSIFICATION: URBAN
 - CONSERVATION RESOURCES: NONE
ASSOCIATED SETBACKS: N/A
 - HISTORIC OR ARCHAEOLOGICAL SITE: N/A
 - CEMETERIES, BURIAL SITES/GROUNDS: N/A
 - FORESTED AREAS, HABITAT AND DOMINANT SPECIES: N/A
 - WETLANDS: NONE
 - PROTECTED SPECIES OR HABITAT: N/A
 - EXISTING OR PROPOSED THROUGHFARES, BIKE ROUTES, PEDESTRIAN SIDEWALKS OR TRAILS AND TRANSIT FACILITIES: SEE SITE PLAN
 - THERE ARE NO EXISTING TREES ON SITE

EXISTING CONDITIONS, SITE INVENTORY, AND DEMOLITION PLAN
BURNT MILL BUSINESS PARK LOT 21
3320 JAECKLE DRIVE
WILMINGTON, NORTH CAROLINA

TRIPP ENGINEERING, P.C.
419 Chestnut Street
Wilmington, North Carolina 28401
Phone 910-763-5100
Fax 910-763-5631
© LICENSE NO. C-1427



DATE 03-08-18
DESIGN PGT
DRAWN MLV

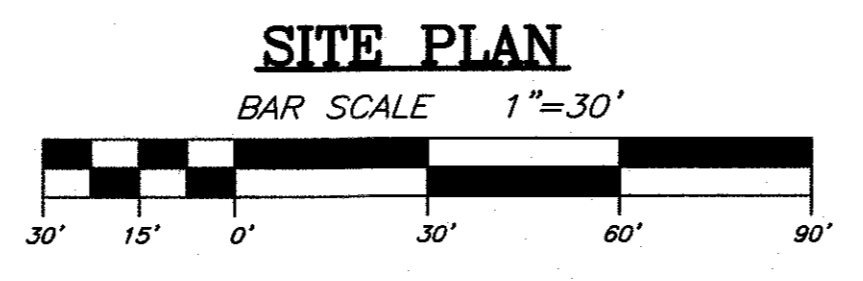
C1
SHEET 1 OF 5
17059

CURVE LENGTH	RADIUS	BEARING	CHORD	DELTA	
C1	46.04'	1191.30'	S83°55'12"W	46.03'	2°12'51"
C2	30.25'	1191.30'	S82°05'08"W	30.25'	1°27'17"
C3	298.64'	1191.30'	S74°10'36"W	297.86'	14°21'47"
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C5	9.51'	830.00'	N33°24'11"W	9.51'	0°39'24"
C6	24.33'	130.00'	N48°42'25"E	24.29'	10°43'21"

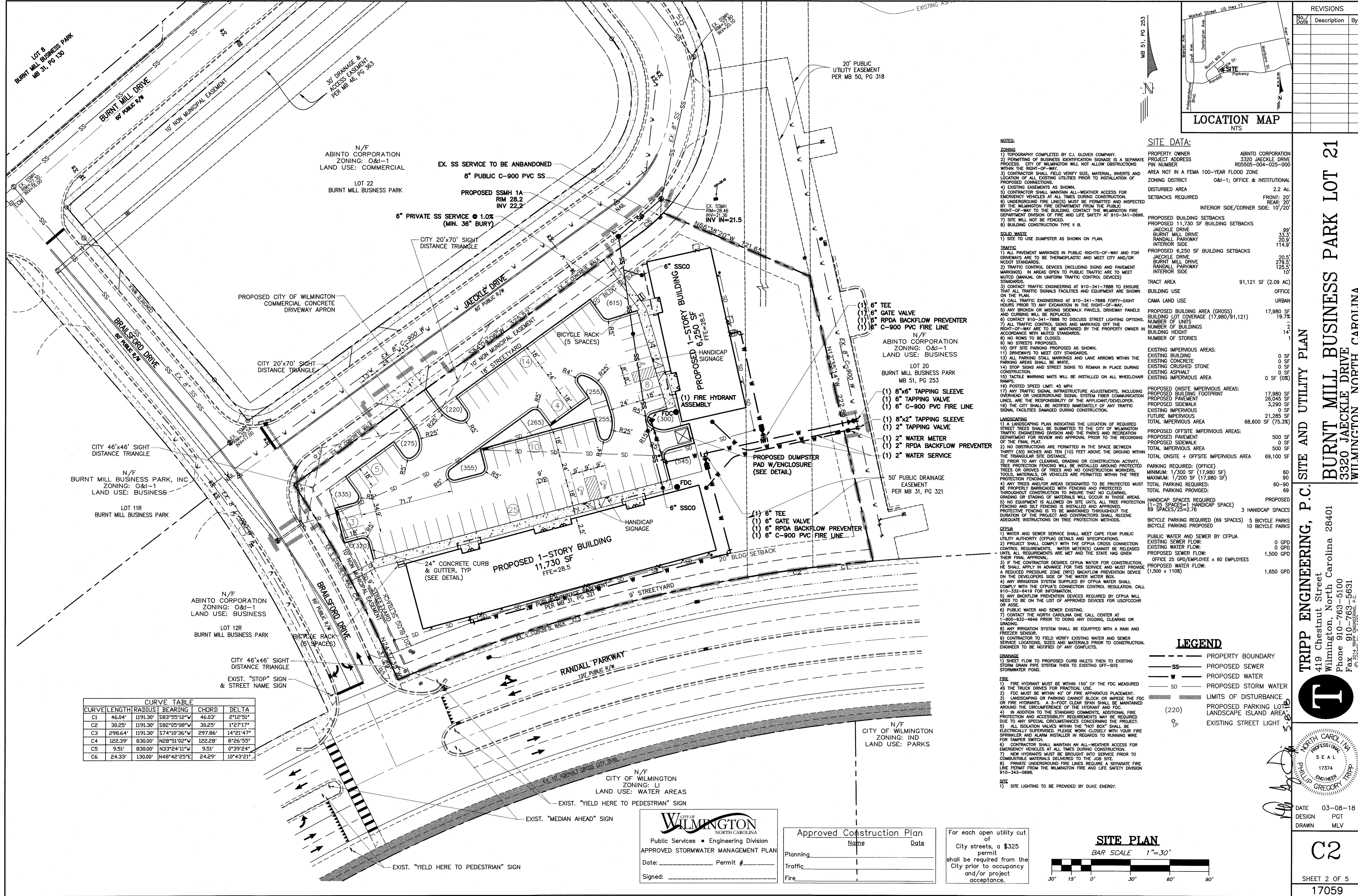
CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____
Signed: _____

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

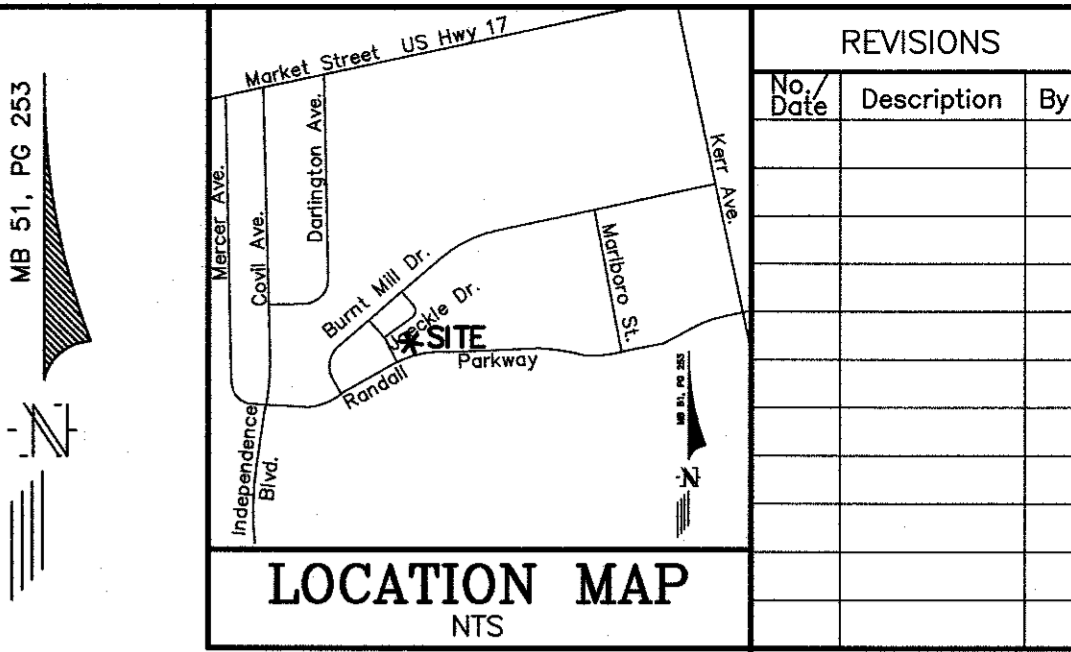
For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.



- LEGEND**
- PROPERTY BOUNDARY
 - - - EXISTING CONTOUR
 - EXISTING SPOT ELEVATION
 - X-X-X- EXISTING CURB TO BE REMOVED



CURVE	LENGTH	RADIUS	BEARING	CHORD	DELTA
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SITE DATA:
 PROPERTY OWNER: ABINTO CORPORATION
 PROJECT ADDRESS: 3320 JAECKLE DRIVE
 PIN NUMBER: R05505-004-025-000
 AREA NOT IN A FEMA 100-YEAR FLOOD ZONE
 ZONING DISTRICT: O&I-1; OFFICE & INSTITUTIONAL
 DISTURBED AREA: 2.2 Ac.
 SETBACKS REQUIRED: FRONT: 20', REAR: 20', INTERIOR SIDE/CORNER SIDE: 10'/20'

NOTES:
 ZONING:
 1) TOPOGRAPHY COMPLETED BY C.L. GLOVER COMPANY.
 2) PERMITTING OF BUSINESS IDENTIFICATION SIGNAGE IS A SEPARATE PROCESS. CITY OF WILMINGTON WILL NOT ALLOW OBSTRUCTIONS WITHIN THE RIGHT-OF-WAY.
 3) CONTRACTOR SHALL FIELD VERIFY SIZE, MATERIAL, INVERTS AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PROPOSED CONNECTIONS.
 4) EXISTING EASEMENTS AS SHOWN.
 5) CONTRACTOR SHALL MAINTAIN ALL WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
 6) UNDERGROUND FIRE LINE(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.
 7) SITE WILL NOT BE FENCED.
 8) BUILDING CONSTRUCTION TYPE II B.

SOLID WASTE:
 1) SITE TO USE DUMPSTER AS SHOWN ON PLAN.
TRAFFIC:
 1) ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
 2) TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
 3) CONTACT TRAFFIC ENGINEERING AT 910-341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
 4) CALL TRAFFIC ENGINEERING AT 910-341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.
 5) CONTACT 910-341-7888 TO DISCUSS STREET LIGHTING OPTIONS.
 7) ALL TRAFFIC CONTROL SIGNS AND MARKINGS OF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
 8) NO ROWS TO BE CLOSED.
 9) NO STREETS PROPOSED.
 10) OFF SITE PARKING PROPOSED AS SHOWN.
 11) DRIVEWAYS TO MEET CITY STANDARDS.
 12) ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
 14) STOP SIGNS AND STREET SIGNS TO BE REMAIN IN PLACE DURING CONSTRUCTION.
 15) TACTILE WARNING MATS WILL BE INSTALLED ON ALL WHEELCHAIR RAMPS.
 16) POSTED SPEED LIMIT: 45 MPH
 17) ANY TRAFFIC SIGNAL INFRASTRUCTURE ADJUSTMENTS, INCLUDING OVERHEAD OR UNDERGROUND SIGNAL SYSTEM FIBER COMMUNICATION LINES, ARE THE RESPONSIBILITY OF THE APPLICANT/DEVELOPER.
 18) THE CITY SHALL BE NOTIFIED IMMEDIATELY OF ANY TRAFFIC SIGNAL FACILITIES DAMAGED DURING CONSTRUCTION.

LANDSCAPING:
 1) A LANDSCAPING PLAN INDICATING THE LOCATION OF REQUIRED 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 PLAN.
 2) NO OBSTRUCTIONS ARE PERMITTED IN THE SPACE BETWEEN THE TREE TRUNK AND THE TREE PROTECTION FENCING.
 3) 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.
 4) 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 EXCAVATION OCCURS WITHIN THESE AREAS.
 5) NO EQUIPMENT IS ALLOWED ON SITE UNTIL ALL TREE PROTECTION FENCING AND SILT FENCING IS INSTALLED AND APPROVED.
 6) PROTECTIVE FENCING IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT AND CONTRACTORS SHALL RECEIVE ADEQUATE INSTRUCTIONS ON TREE PROTECTION METHODS.

DETAILED:
 1) WATER AND SEWER SERVICE SHALL MEET CAPE FEAR PUBLIC UTILITY AUTHORITY (CFPUA) DETAILS AND SPECIFICATIONS.
 2) PROJECT SHALL COMPLY WITH THE CFPUA CROSS CONNECTION CONTROL REQUIREMENTS. WATER CONNECTIONS CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL.
 3) 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 DEVELOPERS SIDE OF THE WATER METER BOX.
 4) ANY IRRIGATION SYSTEM SUPPLIED BY CFPUA WATER SHALL COMPLY WITH THE CFPUA'S CONNECTION CONTROL REGULATION, CALL 910-332-6419 FOR INFORMATION.
 5) ANY BACKFLOW PREVENTION DEVICES REQUIRED BY CFPUA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES FOR USFCO/CHH OR ASSE.
 6) PUBLIC WATER AND SEWER EXISTING.
 7) CONTACT THE NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 PRIOR TO DOING ANY DIGGING, CLEARING OR GRADING.
 8) ANY IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN AND FREEZER SENSOR.
 9) CONTRACTOR TO FIELD VERIFY EXISTING WATER AND SEWER SERVICE LOCATIONS, SIZES AND MATERIALS PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED OF ANY CONFLICTS.

LEGEND:
 - - - - - PROPERTY BOUNDARY
 - - - - - PROPOSED SEWER
 - - - - - PROPOSED WATER
 - - - - - PROPOSED STORM WATER
 (220) LIMITS OF DISTURBANCE
 (220) PROPOSED PARKING LOT LANDSCAPE ISLAND AREA
 (220) EXISTING STREET LIGHT

TRAFFIC CONTROL:
 1) ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
 2) TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
 3) CONTACT TRAFFIC ENGINEERING AT 910-341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
 4) CALL TRAFFIC ENGINEERING AT 910-341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.
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 8) NO ROWS TO BE CLOSED.
 9) NO STREETS PROPOSED.
 10) OFF SITE PARKING PROPOSED AS SHOWN.
 11) DRIVEWAYS TO MEET CITY STANDARDS.
 12) ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
 14) STOP SIGNS AND STREET SIGNS TO BE REMAIN IN PLACE DURING CONSTRUCTION.
 15) TACTILE WARNING MATS WILL BE INSTALLED ON ALL WHEELCHAIR RAMPS.
 16) POSTED SPEED LIMIT: 45 MPH
 17) ANY TRAFFIC SIGNAL INFRASTRUCTURE ADJUSTMENTS, INCLUDING OVERHEAD OR UNDERGROUND SIGNAL SYSTEM FIBER COMMUNICATION LINES, ARE THE RESPONSIBILITY OF THE APPLICANT/DEVELOPER.
 18) THE CITY SHALL BE NOTIFIED IMMEDIATELY OF ANY TRAFFIC SIGNAL FACILITIES DAMAGED DURING CONSTRUCTION.

DETAILED:
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 8) ANY IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN AND FREEZER SENSOR.
 9) CONTRACTOR TO FIELD VERIFY EXISTING WATER AND SEWER SERVICE LOCATIONS, SIZES AND MATERIALS PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED OF ANY CONFLICTS.

DRAINAGE:
 1) SHEET FLOW TO PROPOSED CURB INLETS THEN TO EXISTING STORM DRAIN PIPE SYSTEM THEN TO EXISTING OFF-SITE STORMWATER POND.
FIRE:
 1) FIRE HYDRANT MUST BE WITHIN 150' OF THE FDC MEASURED AS THE TRUCK DRIVES FOR PRACTICAL USE.
 2) FDC MUST BE WITHIN 40' OF FIRE APPARATUS PLACEMENT.
 3) LANDSCAPING OR PARKING CANDELS MUST BE MAINTAINED AROUND THE CIRCUMFERENCE OF THE HYDRANT AND FDC.
 4) IN ADDITION TO THE STANDARD COMMENTS, ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.
 5) ALL ISOLATION VALVES WITHIN THE "HOT BOX" SHALL BE ELECTRICALLY SUPERVISED. PLEASE WORK CLOSELY WITH YOUR FIRE SPRINKLER AND ALARM INSTALLER IN REGARDS TO RUNNING WIRE FOR TAMPER SWITCH.
 6) CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
 7) NEW HYDRANTS MUST BE BROUGHT INTO SERVICE PRIOR TO COMBUSTIBLE MATERIALS DELIVERED TO THE JOB SITE.
 8) PRIVATE UNDERGROUND FIRE LINES REQUIRE A SEPARATE FIRE LINE PERMIT FROM THE WILMINGTON FIRE AND LIFE SAFETY DIVISION 910-341-0696.
NOTE:
 1) SITE LIGHTING TO BE PROVIDED BY DUKE ENERGY.

PROPOSED BUILDING SETBACKS:
 JAECKLE DRIVE: 96'
 BURNT MILL DRIVE: 33.3'
 RANDALL PARKWAY: 20.9'
 INTERIOR SIDE: 114.9'

PROPOSED 6,250 SF BUILDING SETBACKS:
 JAECKLE DRIVE: 20.5'
 BURNT MILL DRIVE: 279.5'
 RANDALL PARKWAY: 125.5'
 INTERIOR SIDE: 10'

TRACT AREA: 91,121 SF (2.09 AC)
BUILDING USE: OFFICE
CAMA LAND USE: URBAN

PROPOSED BUILDING AREA (GROSS): 17,980 SF
BUILDING LOT COVERAGE (17,980/91,121): 19.7%
NUMBER OF UNITS: 2
NUMBER OF BUILDINGS: 1
BUILDING HEIGHT: 14'
NUMBER OF STORIES: 1

EXISTING IMPERVIOUS AREAS:
 EXISTING BUILDING: 0 SF
 EXISTING CONCRETE: 0 SF
 EXISTING CRUSHED STONE: 0 SF
 EXISTING ASPHALT: 0 SF
 EXISTING IMPERVIOUS AREA: 0 SF (0%)
PROPOSED ONSITE IMPERVIOUS AREAS:
 PROPOSED BUILDING FOOTPRINT: 17,980 SF
 PROPOSED PAVEMENT: 26,045 SF
 PROPOSED SIDEWALK: 3,290 SF
 EXISTING IMPERVIOUS: 0 SF
 FUTURE IMPERVIOUS: 21,285 SF
TOTAL IMPERVIOUS AREA: 68,600 SF (75.3%)

PROPOSED OFFSITE IMPERVIOUS AREAS:
 PROPOSED PAVEMENT: 500 SF
 PROPOSED SIDEWALK: 0 SF
 TOTAL IMPERVIOUS AREA: 500 SF
TOTAL ONSITE + OFFSITE IMPERVIOUS AREA: 69,100 SF

PARKING REQUIRED (OFFICE):
 MINIMUM: 1/300 SF (17,980 SF) 60
 MAXIMUM: 1/200 SF (17,980 SF) 90
TOTAL PARKING PROVIDED: 69
HANDICAP SPACES REQUIRED (1-25 SPACES=1 HANDICAP SPACE): 3
PROPOSED HANDICAP SPACES: 3
BICYCLE PARKING REQUIRED (69 SPACES): 5
BICYCLE PARKS BICYCLE PARKING PROPOSED: 10
PUBLIC WATER AND SEWER BY CFPUA:
 EXISTING SEWER FLOW: 0 GPD
 EXISTING WATER FLOW: 0 GPD
 PROPOSED SEWER FLOW: 1,500 GPD
 OFFICE 25 GPD/EMPLOYEE x 60 EMPLOYEES
 PROPOSED WATER FLOW: 1,650 GPD (1,500 + 1100)

TRIPP ENGINEERING, P.C.
 419 Chestnut Street
 Wilmington, North Carolina 28401
 Phone 910-763-5100
 Fax 910-763-5631
 © 2014 TRIPP ENGINEERING, P.C. LICENSE NO. 5-877

PHILIP GREGORY
 ENGINEER
 17374

DATE: 03-08-18
 DESIGN: PGT
 DRAWN: MLV

C2
 SHEET 2 OF 5
 17059

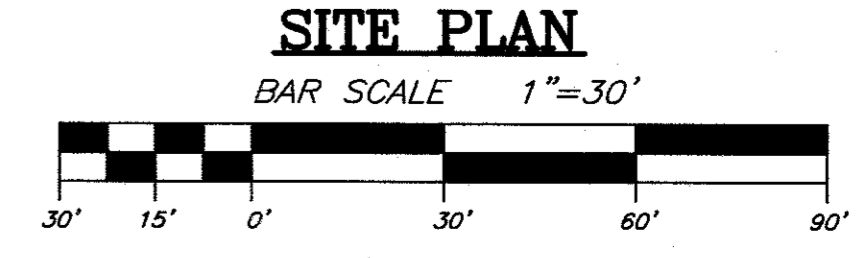
Approved Construction Plan

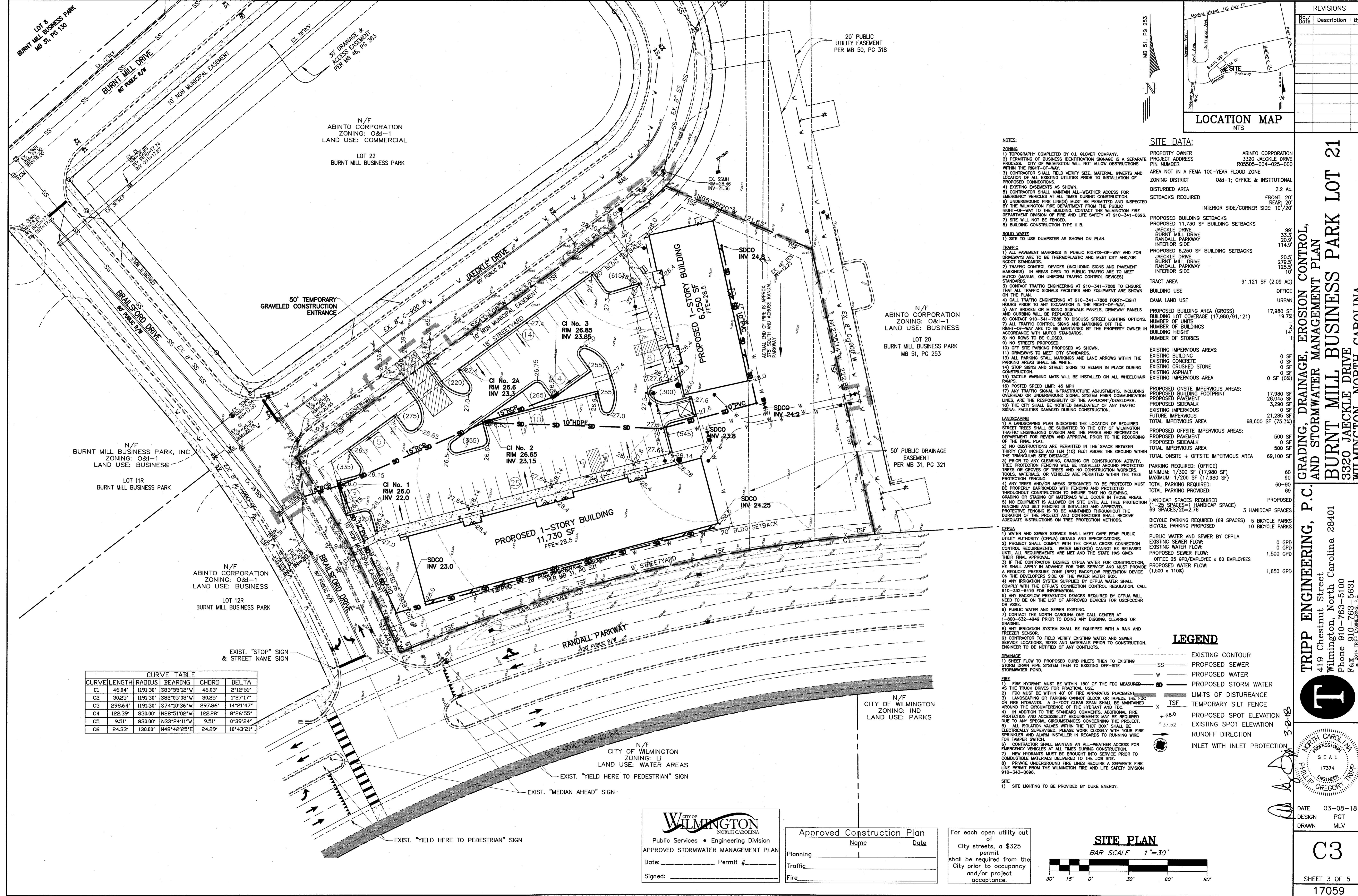
Name: _____ Date: _____

Planning: _____
 Traffic: _____
 Fire: _____

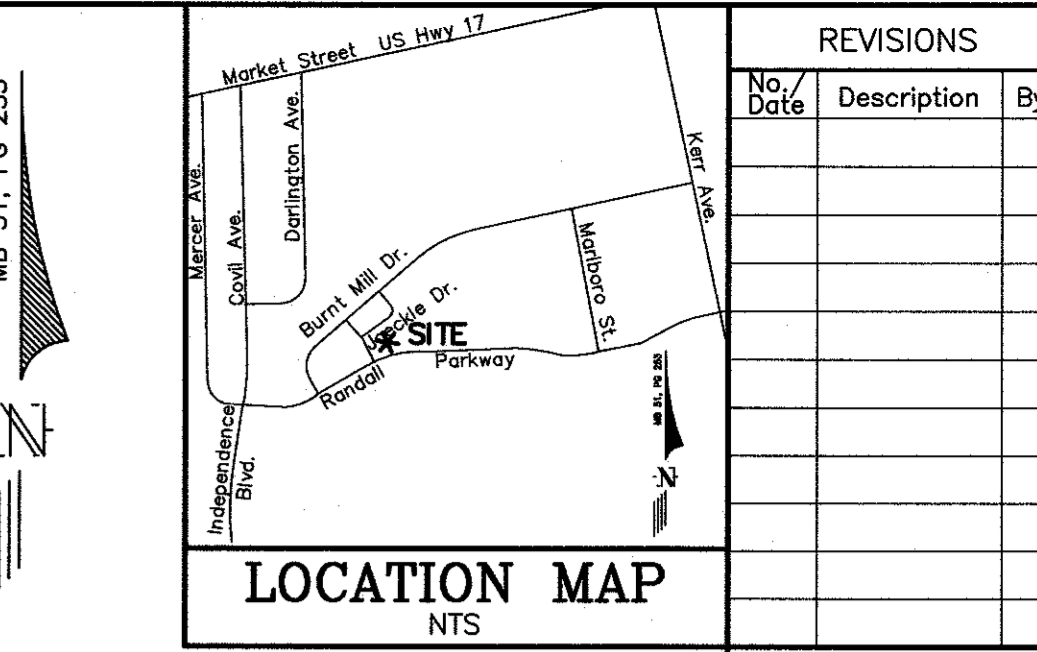
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City of WILMINGTON
 NORTH CAROLINA
 Public Services • Engineering Division
 APPROVED STORMWATER MANAGEMENT PLAN
 Date: _____ Permit #: _____
 Signed: _____





CURVE	LENGTH	RADIUS	BEARING	CHORD	DELTA
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REVISIONS		
No./Date	Description	By

SITE DATA:	
PROPERTY OWNER	ABINTO CORPORATION
PROJECT ADDRESS	3320 JAECKLE DRIVE
PIN NUMBER	R05505-004-025-000
AREA NOT IN A FEMA 100-YEAR FLOOD ZONE	
ZONING DISTRICT	O&I-1; OFFICE & INSTITUTIONAL
DISTURBED AREA	2.2 AC.
SETBACKS REQUIRED	FRONT: 20' REAR: 20' INTERIOR SIDE/CORNER SIDE: 10'/20'
PROPOSED BUILDING SETBACKS	PROPOSED 11,730 SF BUILDING SETBACKS
JAECKLE DRIVE	98'
BURNT MILL DRIVE	33.3'
RANDALL PARKWAY	20.5'
INTERIOR SIDE	114.9'
PROPOSED 6,250 SF BUILDING SETBACKS	
JAECKLE DRIVE	20.5'
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BUILDING USE	OFFICE
CAMA LAND USE	URBAN
PROPOSED BUILDING AREA (GROSS)	17,980 SF
BUILDING LOT COVERAGE (17,980/91,121)	19.7%
NUMBER OF UNITS	1
NUMBER OF BUILDINGS	1
BUILDING HEIGHT	14'
NUMBER OF STORIES	1
EXISTING IMPERVIOUS AREAS:	
EXISTING BUILDING	0 SF
EXISTING CONCRETE	0 SF
EXISTING CRUSHED STONE	0 SF
EXISTING ASPHALT	0 SF
EXISTING IMPERVIOUS AREA	0 SF (0%)
PROPOSED ONSITE IMPERVIOUS AREAS:	
PROPOSED BUILDING FOOTPRINT	17,980 SF
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EXISTING IMPERVIOUS	0 SF
FLURE IMPERVIOUS	21,285 SF
TOTAL IMPERVIOUS AREA	68,600 SF (75.3%)
PROPOSED OFFSITE IMPERVIOUS AREAS:	
PROPOSED PAVEMENT	500 SF
PROPOSED SIDEWALK	0 SF
TOTAL IMPERVIOUS AREA	500 SF
TOTAL ONSITE + OFFSITE IMPERVIOUS AREA	69,100 SF
PARKING REQUIRED: (OFFICE)	60
MINIMUM: 1/300 SF (17,980 SF)	90
MAXIMUM: 1/200 SF (17,980 SF)	60-90
TOTAL PARKING PROVIDED:	69
HANDICAP SPACES REQUIRED (1-25 SPACES=1 HANDICAP SPACE)	PROPOSED
69 SPACES/25=2.76	3 HANDICAP SPACES
BICYCLE PARKING REQUIRED (69 SPACES)	5 BICYCLE PARKS
BICYCLE PARKING PROVIDED	10 BICYCLE PARKS
PUBLIC WATER AND SEWER BY CFPWA	
EXISTING SEWER FLOW:	0 GPD
EXISTING WATER FLOW:	0 GPD
PROPOSED SEWER FLOW:	1,500 GPD
OFFICE 25 GPD/EMPLOYEE x 60 EMPLOYEES	
PROPOSED WATER FLOW:	1,650 GPD
(1,500 x 1.10%)	

- NOTES:**
- ZONING**
- 1) TOPOGRAPHY COMPLETED BY C.I. GLOVER COMPANY.
 - 2) PERMITTING OF BUSINESS IDENTIFICATION SIGNAGE IS A SEPARATE PROCESS. CITY OF WILMINGTON WILL NOT ALLOW OBSTRUCTIONS WITHIN THE RIGHT-OF-WAY.
 - 3) CONTRACTOR SHALL FIELD VERIFY SIZE, MATERIAL, INVERTS AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PROPOSED CONNECTIONS.
 - 4) EXISTING EASEMENTS AS SHOWN.
 - 5) CONTRACTOR SHALL MAINTAIN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
 - 6) UNDERGROUND FIRE LINE(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 910-341-0898.
 - 7) SITE WILL NOT BE FENCED.
 - 8) BUILDING CONSTRUCTION TYPE II B.
- SOLID WASTE**
- 1) SITE TO USE DUMPSTER AS SHOWN ON PLAN.
- TRAFFIC**
- 1) ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
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 - 3) CONTACT TRAFFIC ENGINEERING AT 910-341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
 - 4) CALL TRAFFIC ENGINEERING AT 910-341-7888 FORTY-EIGHT HOURS PRIOR TO ANY ACTIVATION IN THE RIGHT-OF-WAY.
 - 5) ANY BROKEN OR MISSING TRAFFIC SIGNALS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.
 - 6) CONTACT 910-341-7888 TO DISCUSS STREET LIGHTING OPTIONS.
 - 7) ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH NCDOT STANDARDS.
 - 8) NO ROWS TO BE CLOSED.
 - 9) NO STREETS PROPOSED.
 - 10) OFF SITE PARKING PROPOSED AS SHOWN.
 - 11) DRIVEWAYS TO MEET CITY STANDARDS.
 - 13) ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
 - 14) STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING CONSTRUCTION.
 - 15) TRAFFIC WARNING MATS WILL BE INSTALLED ON ALL WHEELCHAIR RAMPS.
 - 16) POSTED SPEED LIMIT: 45 MPH
 - 17) ANY TRAFFIC SIGNAL INFRASTRUCTURE ADJUSTMENTS, INCLUDING OVERHEAD OR UNDERGROUND SIGNAL SYSTEM FIBER COMMUNICATION LINES, ARE THE RESPONSIBILITY OF THE APPLICANT/DEVELOPER.
 - 18) THE CITY SHALL BE NOTIFIED IMMEDIATELY OF ANY TRAFFIC SIGNAL FACILITIES DAMAGED DURING CONSTRUCTION.
- LANDSCAPING**
- 1) 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 PLAN.
 - 2) NO OBSTRUCTIONS ARE PERMITTED IN THE SPACE BETWEEN THIRTY (30) INCHES AND TEN (10) FEET ABOVE THE GROUND WITHIN THE TRIANGULAR SITE DISTANCE.
 - 3) 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.
 - 4) ANY TREES AND/OR AREAS DESIGNATED TO BE PROTECTED MUST BE PROPERLY BARBED WITH FENCING AND PROTECTED THROUGHOUT CONSTRUCTION TO INSURE THAT NO CLEARING, GRADING OR STAKING OF MATERIALS WILL OCCUR IN THOSE AREAS.
 - 5) NO EQUIPMENT IS ALLOWED ON SITE UNTIL ALL TREE PROTECTION FENCING AND SILT FENCING IS INSTALLED AND APPROVED. PROTECTION FENCING IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT AND CONTRACTORS SHALL RECEIVE ADEQUATE INSTRUCTIONS ON TREE PROTECTION METHODS.

- LEGEND**
- EXISTING CONTOUR
 - PROPOSED SEWER
 - PROPOSED WATER
 - PROPOSED STORM WATER
 - LIMITS OF DISTURBANCE
 - TEMPORARY SILT FENCE
 - PROPOSED SPOT ELEVATION
 - EXISTING SPOT ELEVATION
 - RUNOFF DIRECTION
 - INLET WITH INLET PROTECTION

DETA

- 1) WATER AND SEWER SERVICE SHALL MEET CAPE FEAR PUBLIC UTILITY AUTHORITY (CFPUA) DETAILS AND SPECIFICATIONS.
- 2) PROJECT SHALL COMPLY WITH THE CFPWA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METERS CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL.
- 3) 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.
- 4) ANY IRRIGATION SYSTEM SUPPLIED BY CFPWA WATER SHALL COMPLY WITH THE CFPWA'S CONNECTION CONTROL REGULATION, CALL 910-332-6419 FOR INFORMATION.
- 5) ANY BACKFLOW PREVENTION DEVICES REQUIRED BY CFPWA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES FOR USFOC/CHOR OR ASSE.
- 6) PUBLIC WATER AND SEWER EXISTING.
- 7) CONTACT THE NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4849 PRIOR TO DOING ANY DIGGING, CLEARING OR GRADING.
- 8) ANY IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN AND FREEZER SENSOR.
- 9) CONTRACTOR TO FIELD VERIFY EXISTING WATER AND SEWER SERVICE LOCATIONS, SIZES AND MATERIALS PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED OF ANY CONFLICTS.

- DRAINAGE**
- 1) SHEET FLOW TO PROPOSED CURB INLETS THEN TO EXISTING STORM DRAIN PIPE SYSTEM THEN TO EXISTING OFF-SITE STORMWATER POND.
- FIRE**
- 1) FIRE HYDRANT MUST BE WITHIN 150' OF THE FDC MEASURED AS THE TRUCK DRIVES FOR PRACTICAL USE.
 - 2) FDC MUST BE WITHIN 40' OF FIRE APPARATUS PLACEMENT.
 - 3) LANDSCAPING OR PARKING CANNOT BLOCK OR IMPIDE THE FDC OR FIRE HYDRANTS. A 3-FOOT CLEAR SPAN SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF THE HYDRANT AND FDC.
 - 4) IN ADDITION TO THE STANDARD COMMENTS, ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.
 - 5) ALL ISOLATION VALVES WITHIN THE "HOT BOX" SHALL BE ELECTRICALLY SUPERVISED. PLEASE WORK CLOSELY WITH YOUR FIRE SPRINKLER AND ALARM INSTALLER IN REGARDS TO RUNNING WIRE FOR TAMPER SWITCH.
 - 6) CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
 - 7) NEW HYDRANTS MUST BE BROUGHT INTO SERVICE PRIOR TO COMBUSTIBLE MATERIALS DELIVERED TO THE JOB SITE.
 - 8) PRIVATE UNDERGROUND FIRE LINES REQUIRE A SEPARATE FIRE LINE PERMIT FROM THE WILMINGTON FIRE AND LIFE SAFETY DIVISION 910-343-0898.

SITE PLAN
BAR SCALE 1"=30'

APPROVED CONSTRUCTION PLAN

Name _____ Date _____

Planning _____

Traffic _____

Fire _____

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

Date: _____ Permit # _____

Signed: _____

N/F
CITY OF WILMINGTON
ZONING: IND
LAND USE: PARKS

Approved Construction Plan

Name _____ Date _____

Planning _____

Traffic _____

Fire _____

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

TRIPP ENGINEERING, P.C.
419 Chestnut Street
Wilmington, North Carolina 28401
Phone 910-763-5100
Fax 910-763-5631
© LICENSE NO. 35297-EXP. 12/31/18

DATE 03-08-18
DESIGN PGT
DRAWN MLV

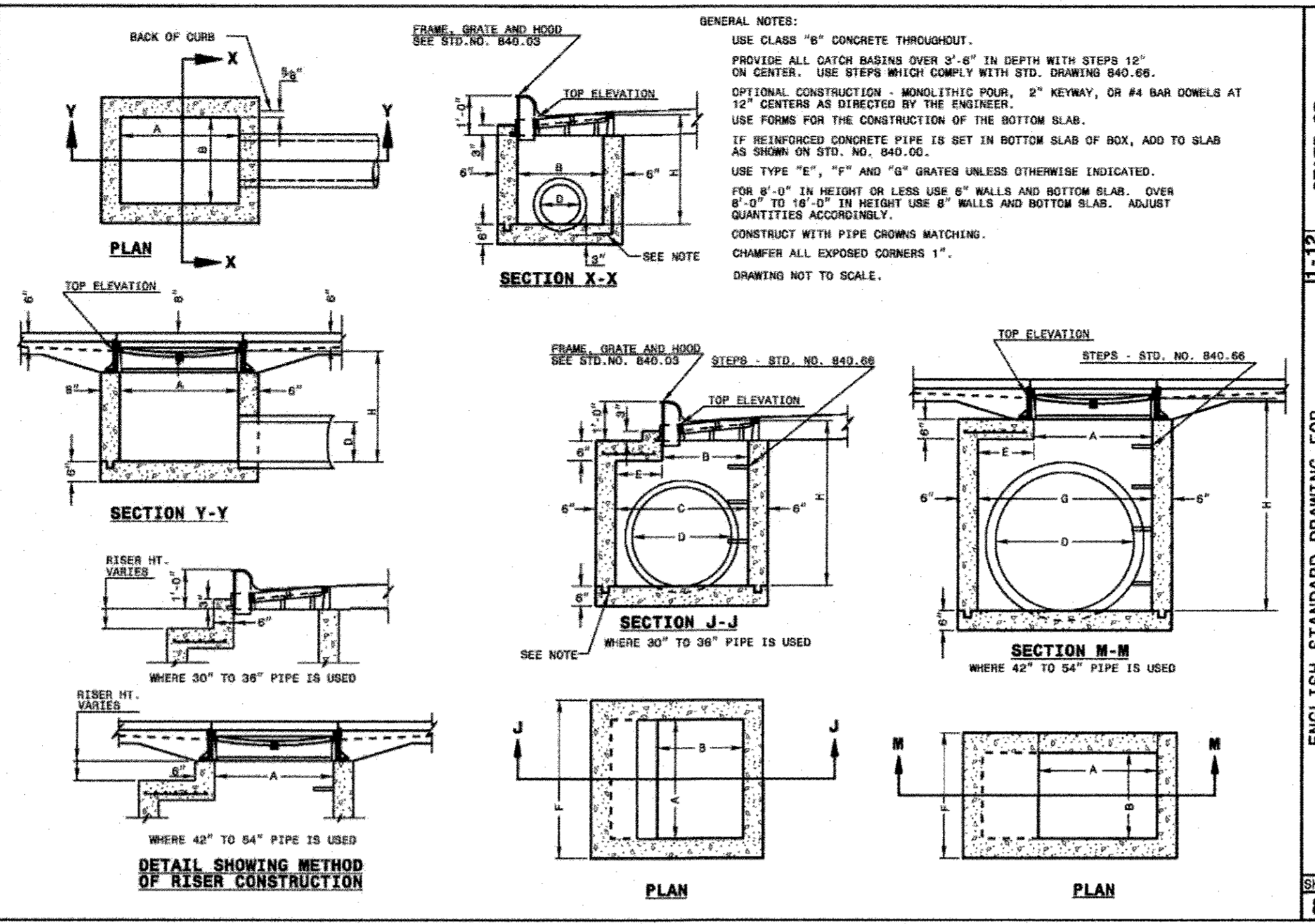
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SHEET 3 OF 5
17059

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N. C.

ENGLISH STANDARD DRAWING FOR
CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET 1 OF 2
840.02



STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N. C.

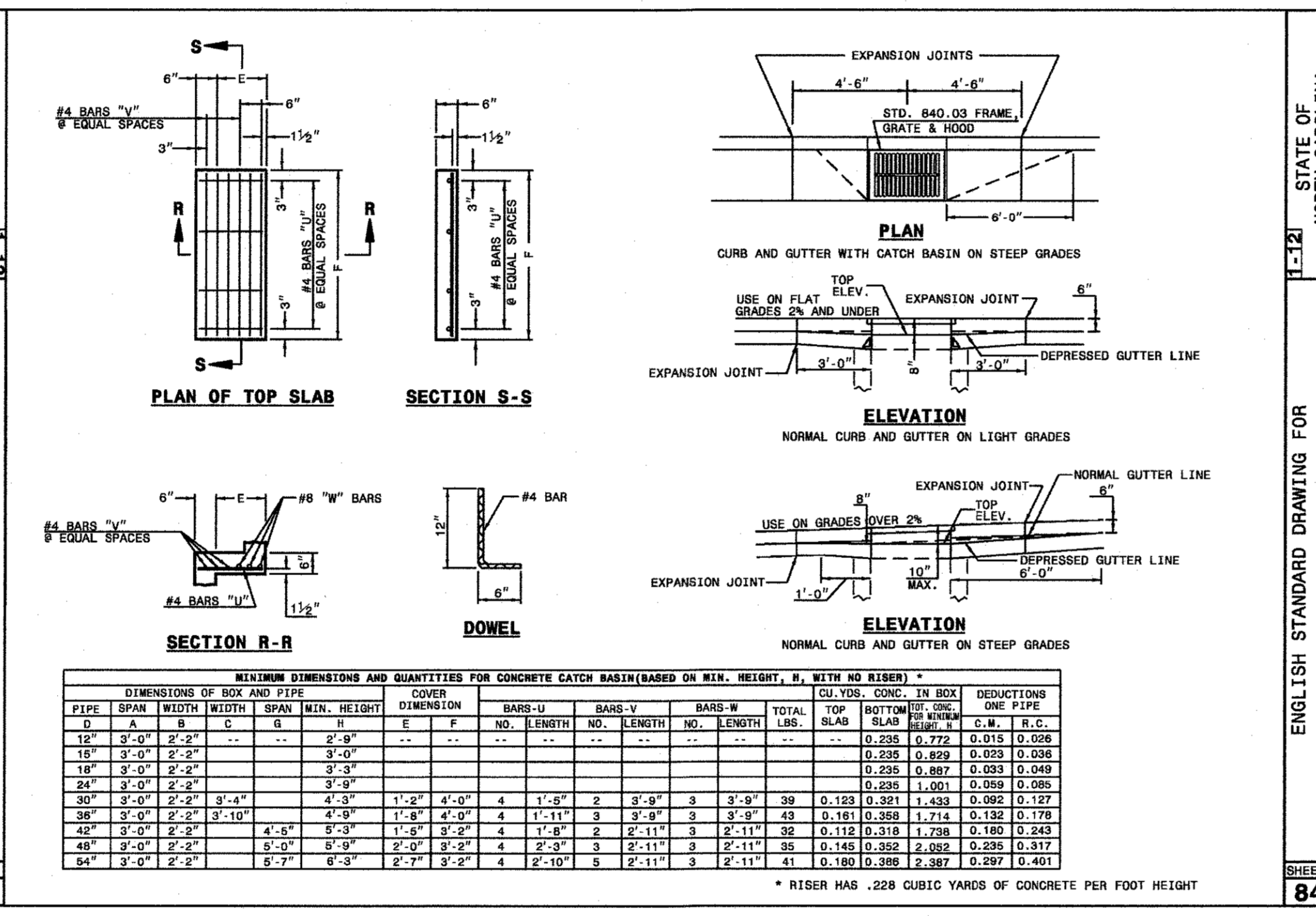
ENGLISH STANDARD DRAWING FOR
CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET 1 OF 2
840.02

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N. C.

ENGLISH STANDARD DRAWING FOR
CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET 2 OF 2
840.02



STATE OF NORTH CAROLINA
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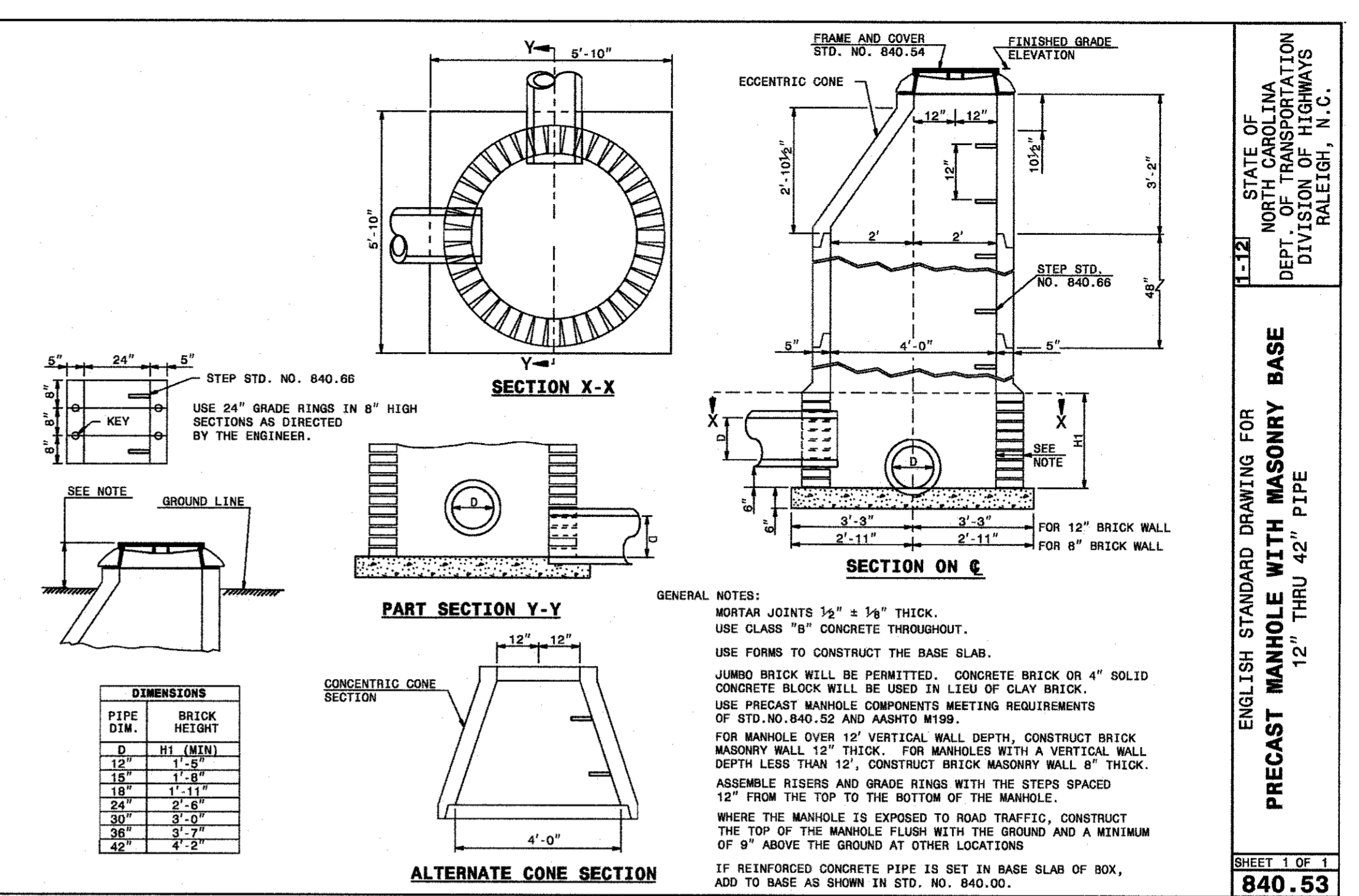
ENGLISH STANDARD DRAWING FOR
CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET 2 OF 2
840.02

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N. C.

ENGLISH STANDARD DRAWING FOR
PRECAST MANHOLE WITH MASONRY BASE
12" THRU 42" PIPE

SHEET 1 OF 1
840.53



STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N. C.

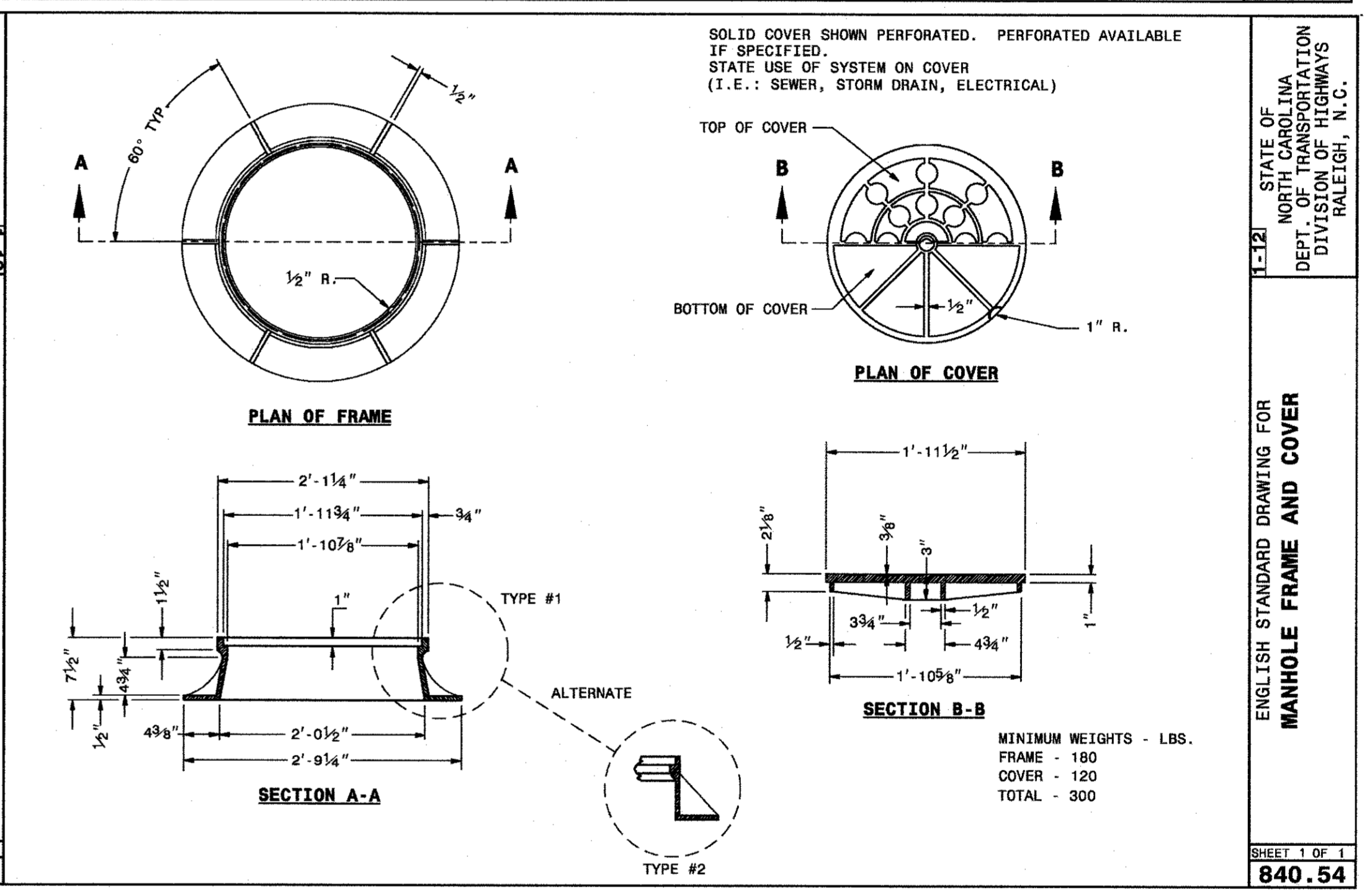
ENGLISH STANDARD DRAWING FOR
PRECAST MANHOLE WITH MASONRY BASE
12" THRU 42" PIPE

SHEET 1 OF 1
840.53

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N. C.

ENGLISH STANDARD DRAWING FOR
MANHOLE FRAME AND COVER
12" THRU 42" PIPE

SHEET 1 OF 1
840.54



STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N. C.

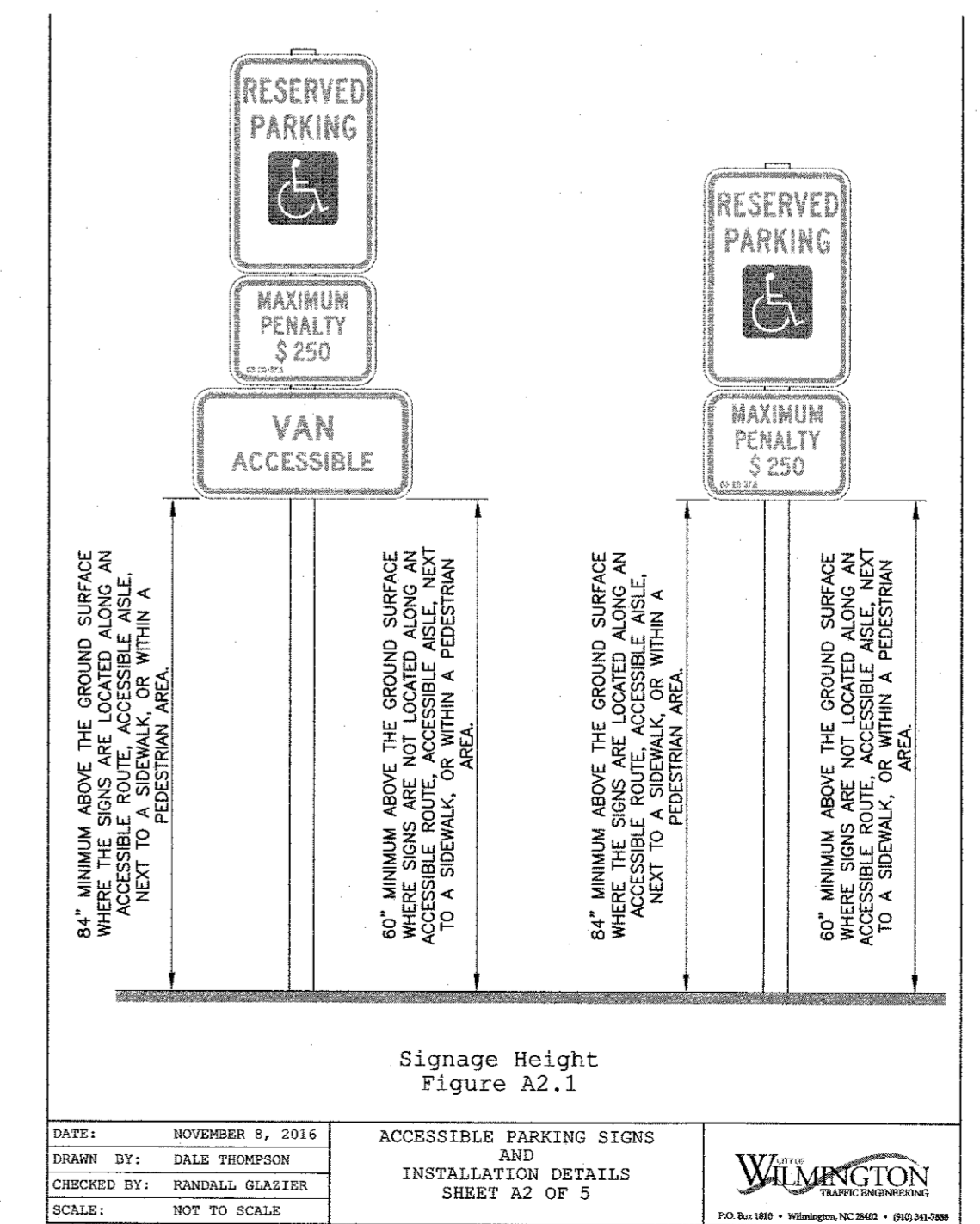
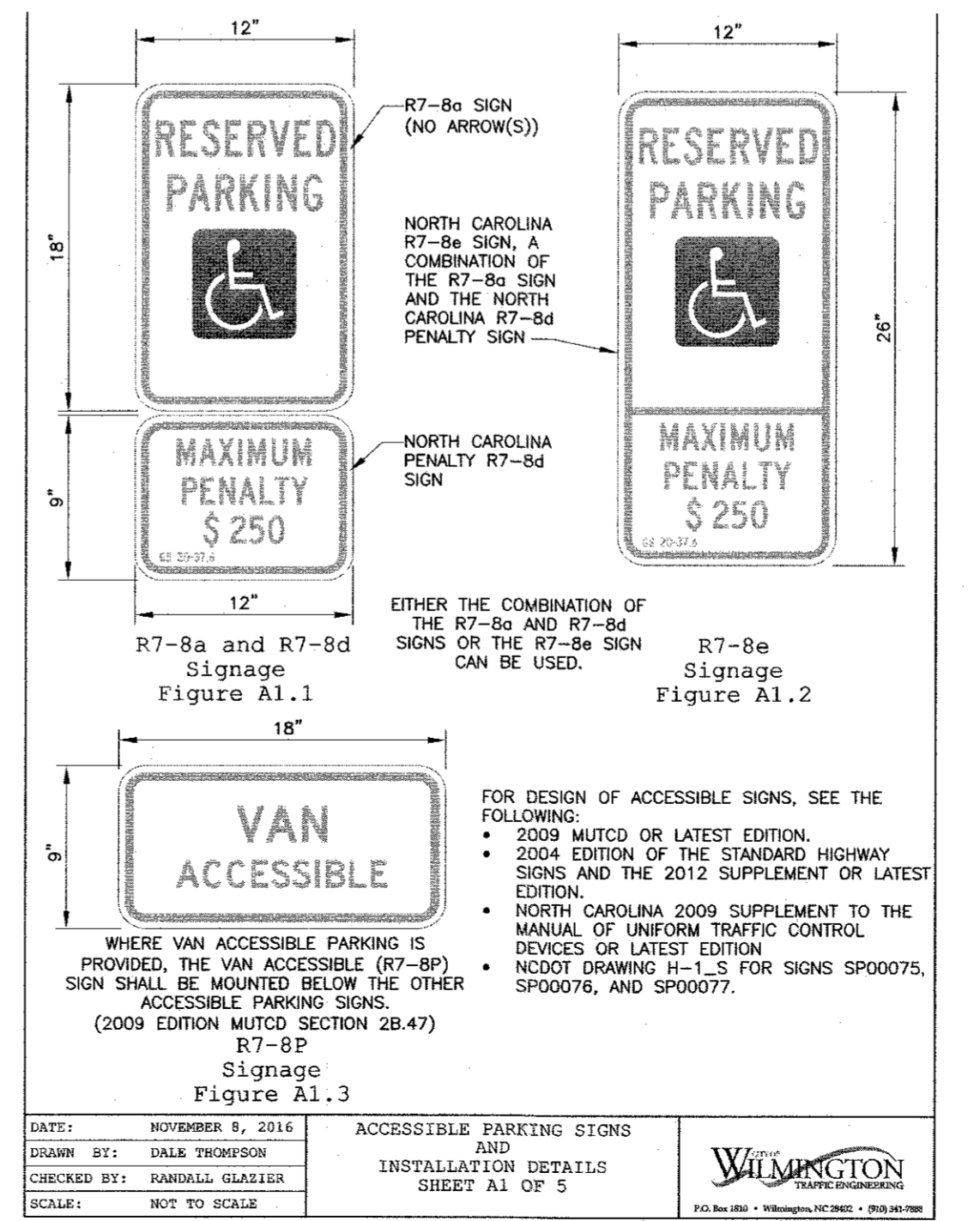
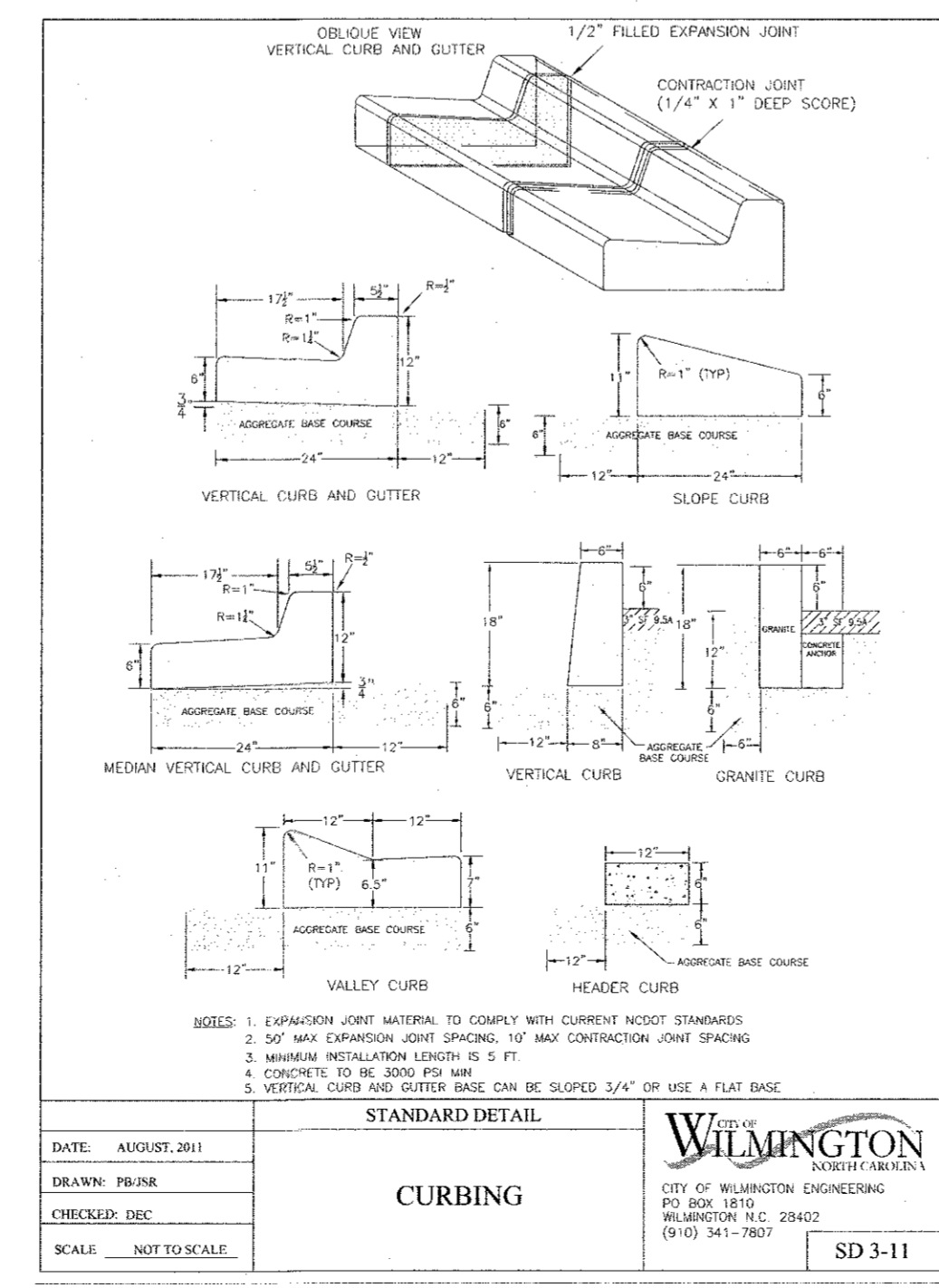
ENGLISH STANDARD DRAWING FOR
MANHOLE FRAME AND COVER
12" THRU 42" PIPE

SHEET 1 OF 1
840.54

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

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

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



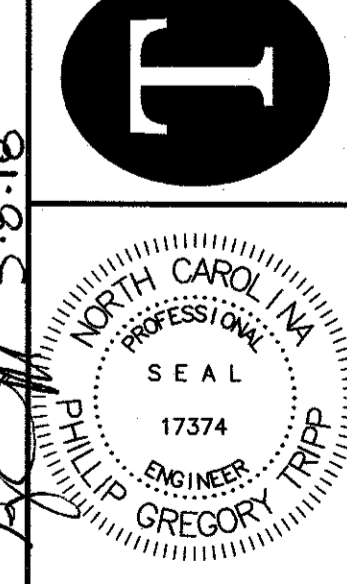
REVISIONS

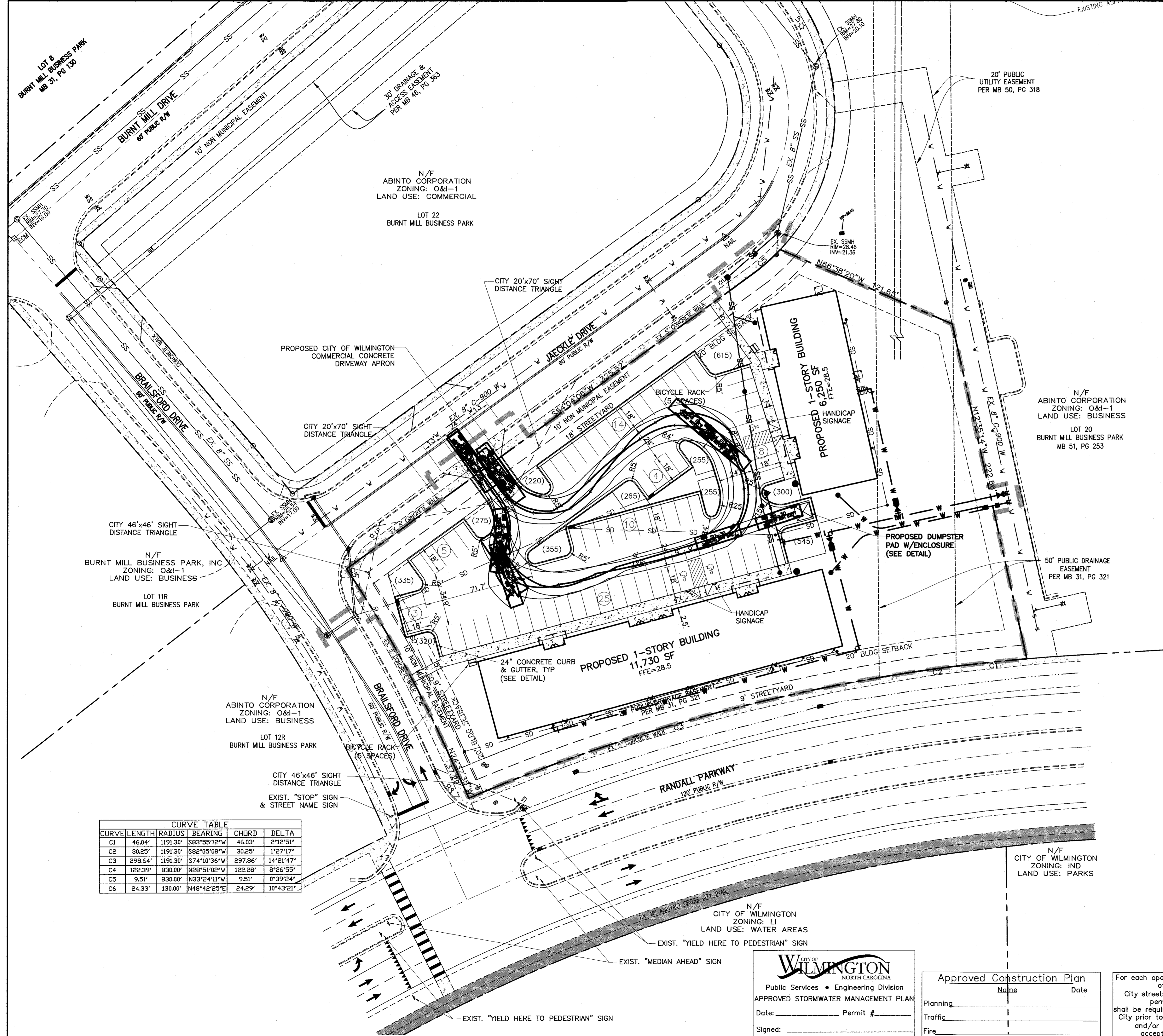
No.	Date	Description	By

TRIPP ENGINEERING, P.C.
419 Chestnut Street
Wilmington, North Carolina 28401
Phone 910-763-5100
Fax 910-763-5631
© 2014 TRIPP ENGINEERING, P.C.
LICENSE NO. 35-2127

DETAILS AND NOTES
BURNT MILL BUSINESS PARK LOT 21
3320 JAECKLE DRIVE
WILMINGTON, NORTH CAROLINA

DATE 03-08-18
DESIGN PGT
DRAWN MLV





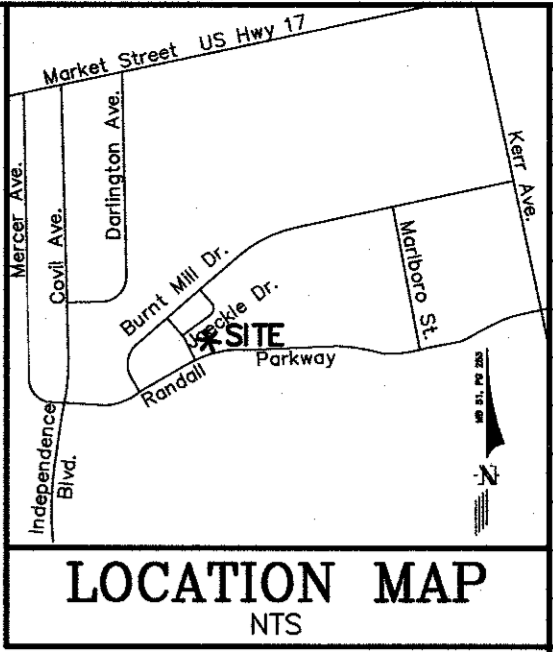
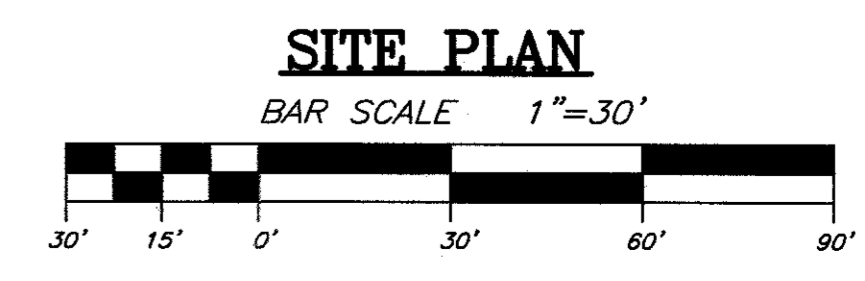
CURVE	LENGTH	RADIUS	BEARING	CHORD	DELTA
C1	46.04'	1191.30'	S83°55'12"W	46.03'	2°12'51"
C2	30.25'	1191.30'	S82°05'08"W	30.25'	1°27'17"
C3	298.64'	1191.30'	S74°10'36"W	297.86'	14°21'47"
C4	122.39'	830.00'	N88°51'02"W	122.28'	8°26'55"
C5	9.51'	830.00'	N93°24'11"W	9.51'	0°39'24"
C6	24.33'	130.00'	N48°42'25"E	24.29'	10°43'21"

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

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

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

FOR AUTOTURN PURPOSES ONLY



REVISIONS		
No.	Date	Description

NOTES:
 ZONING:
 1) TOPOGRAPHY COMPLETED BY C.I. GLOVER COMPANY.
 2) PERMITTING OF BUSINESS IDENTIFICATION SIGNAGE IS A SEPARATE PROCESS. CITY OF WILMINGTON WILL NOT ALLOW OBSTRUCTIONS WITHIN THE RIGHT-OF-WAY.
 3) CONTRACTOR SHALL FIELD VERIFY SIZE, MATERIAL, INVERTS AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PROPOSED CONNECTIONS.
 4) EXISTING EASEMENTS AS SHOWN.
 5) CONTRACTOR SHALL MAINTAIN ALL WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
 6) UNDERGROUND FIRE LINES MUST BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC DEPARTMENT DIVISION OF FIRE AND LIFE SAFETY AT 910-341-0666.
 7) SITE WILL NOT BE FENCED.
 8) BUILDING CONSTRUCTION TYPE II B.

SOLID WASTE:
 1) SITE TO USE DUMPSTER AS SHOWN ON PLAN.

TRAFFIC:
 1) ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NC DOT STANDARDS.
 2) TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
 3) CONTACT TRAFFIC ENGINEERING AT 910-341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
 4) CALL TRAFFIC ENGINEERING AT 910-341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.
 5) ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.
 6) CONTACT 910-341-7888 TO DISCUSS STREET LIGHTING OPTIONS.
 7) ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
 8) NO ROWS TO BE CLOSED.
 9) NO STREETS PROPOSED.
 10) OFF SITE PARKING PROPOSED AS SHOWN.
 11) DRIVEWAYS TO MEET CITY STANDARDS.
 12) ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
 13) STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING CONSTRUCTION.
 14) TACTILE WARNING MATS WILL BE INSTALLED ON ALL WHEELCHAIR RAMPS.
 15) POSTED SPEED LIMIT: 45 MPH
 16) ANY TRAFFIC SIGNAL INFRASTRUCTURE ADJUSTMENTS, INCLUDING OVERHEAD OR UNDERGROUND SIGNAL SYSTEM FIBER COMMUNICATION LINES ARE THE RESPONSIBILITY OF THE APPLICANT/DEVELOPER.
 17) THE CITY SHALL BE NOTIFIED IMMEDIATELY OF ANY TRAFFIC SIGNAL FACILITIES DAMAGED DURING CONSTRUCTION.

LANDSCAPING:
 1) 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 PLAN.
 2) NO OBSTRUCTIONS ARE PERMITTED IN THE SPACE BETWEEN THIRTY (30) INCHES AND TEN (10) FEET ABOVE THE GROUND WITHIN THE TRIANGULAR SITE DISTANCE.
 3) 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.
 4) ANY TREES AND/OR AREAS DESIGNATED TO BE PROTECTED MUST BE PROPERLY BARREADED WITH FENCING AND PROTECTED THROUGHOUT CONSTRUCTION TO INSURE THAT NO CLEARING, GRADING OR STAGING OF MATERIALS OCCUR IN THOSE AREAS.
 5) NO EQUIPMENT IS ALLOWED ON SITE UNTIL ALL TREE PROTECTION FENCING AND SILT FENCING IS INSTALLED AND APPROVED.
 6) PROTECTIVE FENCING IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT AND CONTRACTORS SHALL RECEIVE ADEQUATE INSTRUCTIONS ON TREE PROTECTION METHODS.

SEWAGE:
 1) WATER AND SEWER SERVICE SHALL MEET CAPE FEAR PUBLIC UTILITY AUTHORITY (CFPUA) DETAILS AND SPECIFICATIONS.
 2) PROJECT SHALL COMPLY WITH THE CFPUA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METERS CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL.
 3) 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.
 4) ANY IRRIGATION SYSTEM SUPPLIED BY CFPUA WATER SHALL COMPLY WITH THE CFPUA'S CONNECTION CONTROL REGULATION. CALL 910-332-6419 FOR INFORMATION.
 5) ANY BACKFLOW PREVENTION DEVICES REQUIRED BY CFPUA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES FOR USFCO/CCR OR ASSE.
 6) PUBLIC WATER AND SEWER EXISTING.
 7) CONTACT THE NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 PRIOR TO DOING ANY DIGGING, CLEARING OR GRADING.
 8) ANY IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN AND FREEZER SENSOR.
 9) CONTRACTOR TO FIELD VERIFY EXISTING WATER AND SEWER SERVICE LOCATIONS, SIZES AND MATERIALS PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED OF ANY CONFLICTS.

DRAINAGE:
 1) SHEET FLOW TO PROPOSED CURB INLETS THEN TO EXISTING STORM DRAIN PIPE SYSTEM THEN TO EXISTING OFF-SITE STORMWATER POND.
 2) FIRE HYDRANT MUST BE WITHIN 150' OF THE FDC MEASURED AS THE TRUCK DRIVES FOR PRACTICAL USE.
 3) FDC MUST BE WITHIN 40' OF FIRE APPARATUS PLACEMENT.
 4) LANDSCAPING OR PARKING CANNOT BLOCK OR IMPIDE THE FDC OR FIRE HYDRANTS. A 3-FOOT CLEAR SPAN SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF THE HYDRANT AND FDC.
 5) IN ADDITION TO THE STANDARD COMMENTS, ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.
 6) ALL ISOLATION VALVES WITHIN THE "HOT BOX" SHALL BE ELECTRICALLY SUPERVISED. PLEASE WORK CLOSELY WITH YOUR FIRE SPRINKLER AND ALARM INSTALLER IN REGARDS TO RUNNING WIRE FOR TAMPER SWITCH.
 7) CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
 8) NEW HYDRANTS MUST BE BROUGHT INTO SERVICE PRIOR TO COMBUSTIBLE MATERIALS DELIVERED TO THE JOB SITE.
 9) PRIVATE UNDERGROUND FIRE LINES REQUIRE A SEPARATE FIRE LINE PERMIT FROM THE WILMINGTON FIRE AND LIFE SAFETY DIVISION 910-343-0666.

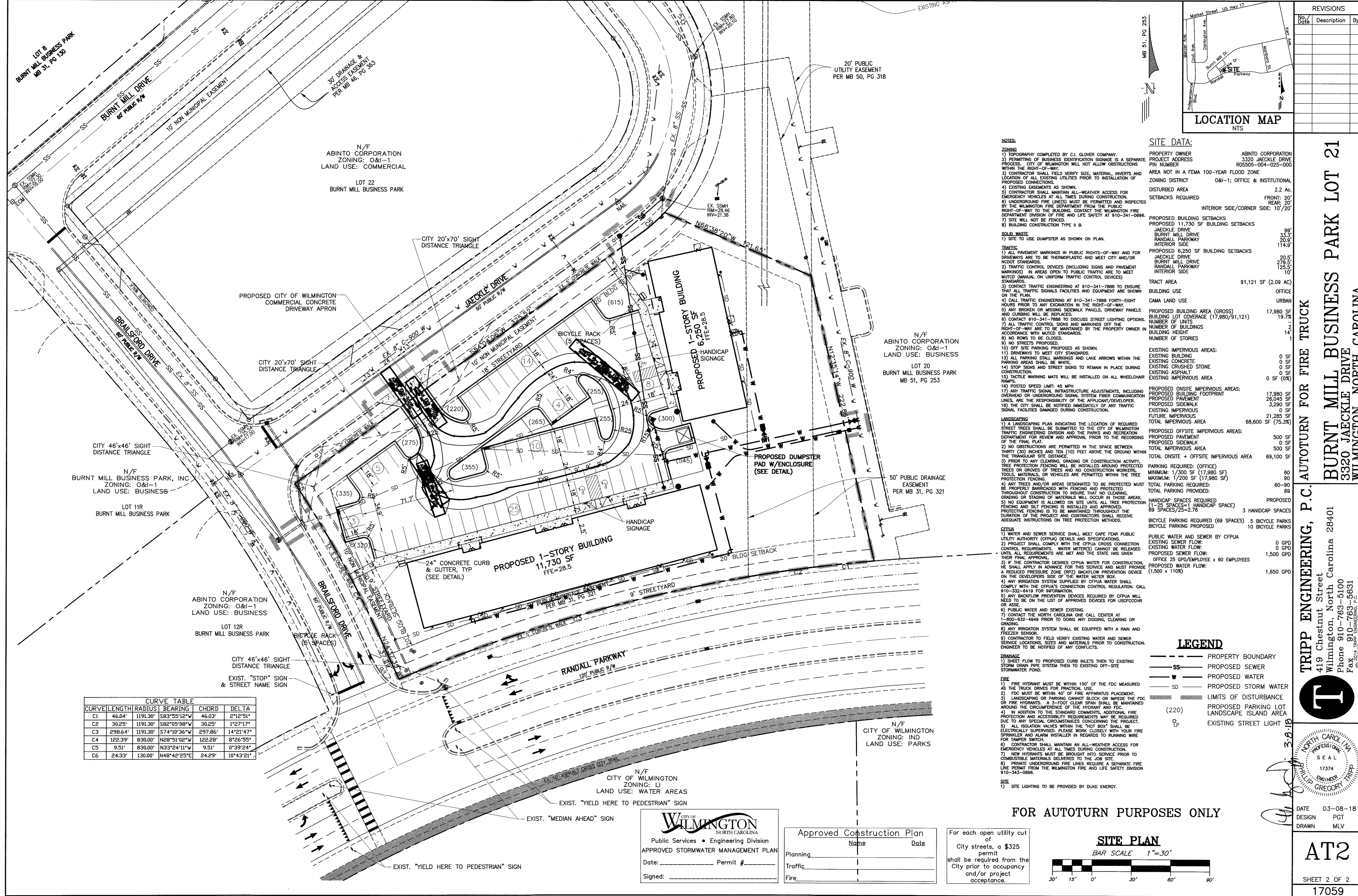
SITE:
 1) SITE LIGHTING TO BE PROVIDED BY DUKE ENERGY.

SITE DATA:
 PROPERTY OWNER: ABINTO CORPORATION
 PROJECT ADDRESS: 3320 JAECKLE DRIVE
 PIN NUMBER: ROSS05-004-025-000
 AREA NOT IN A FEMA 100-YEAR FLOOD ZONE
 ZONING DISTRICT: O&I-1; OFFICE & INSTITUTIONAL
 DISTURBED AREA: 2.2 Ac.
 SETBACKS REQUIRED: FRONT: 20', REAR: 20', INTERIOR SIDE/CORNER SIDE: 10'/20'
 PROPOSED BUILDING SETBACKS: PROPOSED 11,730 SF BUILDING SETBACKS
 JAECKLE DRIVE: 99'
 BURNT MILL DRIVE: 33.3'
 RANDALL PARKWAY: 20.9'
 INTERIOR SIDE: 114.9'
 PROPOSED 6,250 SF BUILDING SETBACKS: 20.5', BURNT MILL DRIVE: 278.5', RANDALL PARKWAY: 125.5', INTERIOR SIDE: 10'
 TRACT AREA: 91,121 SF (2.09 ac)
 BUILDING USE: OFFICE
 CAMA LAND USE: URBAN
 PROPOSED BUILDING AREA (GROSS): 17,980 SF
 BUILDING LOT COVERAGE (17,980/91,121): 19.7%
 NUMBER OF UNITS: 3
 NUMBER OF BUILDINGS: 1
 BUILDING HEIGHT: 14'
 NUMBER OF STORIES: 1
 EXISTING IMPERVIOUS AREAS:
 EXISTING BUILDING: 0 SF
 EXISTING CONCRETE: 0 SF
 EXISTING CRUSHED STONE: 0 SF
 EXISTING ASPHALT: 0 SF
 EXISTING IMPERVIOUS AREA: 0 SF (0%)
 PROPOSED ONSITE IMPERVIOUS AREAS:
 PROPOSED BUILDING FOOTPRINT: 17,980 SF
 PROPOSED PAVEMENT: 26,045 SF
 PROPOSED SIDEWALK: 3,280 SF
 EXISTING IMPERVIOUS: 0 SF
 FUTURE IMPERVIOUS: 21,285 SF
 TOTAL IMPERVIOUS AREA: 68,600 SF (75.3%)
 PROPOSED OFFSITE IMPERVIOUS AREAS:
 PROPOSED PAVEMENT: 500 SF
 PROPOSED SIDEWALK: 0 SF
 TOTAL IMPERVIOUS AREA: 500 SF
 TOTAL ONSITE + OFFSITE IMPERVIOUS AREA: 69,100 SF
 PARKING REQUIRED: (OFFICE) MINIMUM: 1/300 SF (17,980 SF) MAXIMUM: 1/200 SF (17,980 SF) TOTAL PARKING PROVIDED: 69
 HANDICAP SPACES REQUIRED (1-25 SPACES=1 HANDICAP SPACE) 3 HANDICAP SPACES
 BICYCLE PARKING REQUIRED (69 SPACES) 5 BICYCLE PARKS BICYCLE PARKING PROPOSED 10 BICYCLE PARKS
 PUBLIC WATER AND SEWER BY CFPUA EXISTING SEWER FLOW: 0 GPD EXISTING WATER FLOW: 0 GPD PROPOSED SEWER FLOW: 1,500 GPD OFFICE 25 GPD/EMPLOYEE x 60 EMPLOYEES PROPOSED WATER FLOW: 1,650 GPD (1,500 x 110%)

LEGEND
 - - - - - PROPERTY BOUNDARY
 SS - - - - - PROPOSED SEWER
 W - - - - - PROPOSED WATER
 SD - - - - - PROPOSED STORM WATER
 (220) - - - - - LIMITS OF DISTURBANCE
 (P) - - - - - PROPOSED PARKING LOT LANDSCAPE ISLAND AREA
 (S) - - - - - EXISTING STREET LIGHT

TRIPP ENGINEERING, P.C. AUTOTURN FOR TRASH TRUCK
 419 Chestnut Street
 Wilmington, North Carolina 28401
 Phone 910-763-6100
 Fax 910-763-5631
 © LICENSE NO. C-1277

AT1
 SHEET 1 OF 2
 17059



CURVE	LENGTH	RADIUS	BEARING	CHORD	DELTA
C1	46.04'	1191.30'	S83°55'12"W	46.03'	2°12'51"
C2	30.25'	1191.30'	S82°05'08"W	30.25'	1°27'17"
C3	298.64'	1191.30'	S74°10'36"W	297.86'	14°21'47"
C4	122.39'	830.00'	N28°51'02"W	122.28'	8°26'55"
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C6	24.33'	130.00'	N48°42'25"E	24.29'	10°43'21"

REVISIONS		
No.	Date	Description

LOCATION MAP
NTS

SITE DATA:
 PROPERTY OWNER: ABINTO CORPORATION
 PROJECT ADDRESS: 3320 JAECKLE DRIVE
 PIN NUMBER: R05505-004-025-000
 AREA NOT IN A FEMA 100-YEAR FLOOD ZONE
 ZONING DISTRICT: O&I-1; OFFICE & INSTITUTIONAL
 DISTURBED AREA: 2.2 AC.
 SETBACKS REQUIRED: FRONT: 20'
 REAR: 20'
 INTERIOR SIDE/CORNER SIDE: 10'/20'

NOTES:
ZONING:
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 4) EXISTING EASEMENTS AS SHOWN.
 5) CONTRACTOR SHALL MAINTAIN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
 6) UNDERGROUND FIRE LINES 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.
 7) SITE WILL NOT BE FENCED.
 8) BUILDING CONSTRUCTION TYPE II B.

PROPOSED BUILDING SETBACKS
 PROPOSED 11,730 SF BUILDING SETBACKS
 JAECKLE DRIVE: 99'
 BURN'T MILL DRIVE: 33.3'
 RANDALL PARKWAY: 20.9'
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 1) ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.
 2) TRAFFIC CONTROL DEVICES (INCLUDING SIGNS AND PAVEMENT MARKINGS) IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
 3) CONTACT TRAFFIC ENGINEERING AT 910-341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN.
 4) CALL TRAFFIC ENGINEERING AT 910-341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT-OF-WAY.
 5) ANY BROKEN OR MISSING SIGNAGE PANELS, LIGHT FIXTURES AND CURBING WILL BE REPAIRED.
 6) CONTACT 910-341-7888 TO DISCUSS STREET LIGHTING OPTIONS.
 7) ALL TRAFFIC CONTROL SIGNS AND MARKINGS OF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
 8) NO ROWS TO BE CLOSED.
 9) NO STREETS PROPOSED.
 10) OFF SITE PARKING PROPOSED AS SHOWN.
 11) DRIVEWAYS TO MEET CITY STANDARDS.
 12) ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.
 13) ALL STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING CONSTRUCTION.
 14) STOP SIGNS AND STREET SIGNS TO REMAIN IN PLACE DURING CONSTRUCTION.
 15) TACTILE WARNING MATS WILL BE INSTALLED ON ALL WHEELCHAIR RAMPS.
 16) POSTED SPEED LIMIT: 45 MPH
 17) ANY TRAFFIC SIGNAL INFRASTRUCTURE ADJUSTMENTS, INCLUDING OVERHEAD OR UNDERGROUND SIGNAL SYSTEM FIBER COMMUNICATION LINES, ARE THE RESPONSIBILITY OF THE APPLICANT/DEVELOPER.
 18) THE CITY SHALL BE NOTIFIED IMMEDIATELY OF ANY TRAFFIC SIGNAL FACILITIES DAMAGED DURING CONSTRUCTION.

LANDSCAPING:
 1) 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 PLAN.
 2) NO OBSTRUCTIONS ARE PERMITTED IN THE SPACE BETWEEN THIRY (30) INCHES AND TEN (10) FEET ABOVE THE GROUND WITHIN THE TRIANGULAR SITE DISTANCE.
 3) 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.
 4) ANY TREES AND/OR AREAS DESIGNATED TO BE PROTECTED MUST BE PROPERLY MARKED AND PROTECTED THROUGHOUT CONSTRUCTION TO INSURE THAT NO CLEARING, GRADING OR STAGING OF MATERIALS WILL OCCUR IN THOSE AREAS.
 5) 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 INSTRUCTIONS ON TREE PROTECTION METHODS.

CEQA:
 1) WATER AND SEWER SERVICE SHALL MEET CAPE FEAR PUBLIC UTILITY AUTHORITY (CFPUA) DETAILS AND SPECIFICATIONS.
 2) PROJECT SHALL COMPLY WITH THE CFPUA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METERS CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL.
 3) 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 DEVELOPERS SIDE OF THE WATER METER BOX.
 4) ANY IRRIGATION SYSTEM SUPPLIED BY CFPUA WATER SHALL COMPLY WITH THE CFPUA'S CONNECTION CONTROL REGULATION, CALL 910-332-8419 FOR INFORMATION.
 5) ANY BACKFLOW PREVENTION DEVICES REQUIRED BY CFPUA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES FOR USE/FCRHR OR ASSE.
 6) PUBLIC WATER AND SEWER EXISTING.
 7) CONTACT THE NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 PRIOR TO DOING ANY DIGGING, CLEARING OR GRADING.
 8) ANY IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN AND FREEZER SENSOR.
 9) CONTRACTOR TO FIELD VERIFY EXISTING WATER AND SEWER SERVICE LOCATIONS, SIZES AND MATERIALS PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED OF ANY CONFLICTS.

DRAINAGE:
 1) SHEET FLOW TO PROPOSED CURB INLETS THEN TO EXISTING STORM DRAIN PIPE SYSTEM THEN TO EXISTING OFF-SITE STORMWATER POND.
FIRE:
 1) FIRE HYDRANT MUST BE WITHIN 150' OF THE FDC MEASURED AS THE TRUCK DRIVES FOR PRACTICAL USE.
 2) FDC MUST BE WITHIN 40' OF FIRE APPARATUS PLACEMENT.
 3) LANDSCAPING OR PARKING CANOPIES BLOCK OR IMPIDE THE FDC OR FIRE HYDRANTS. A 3-FOOT CLEAR SPAN SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF THE HYDRANT AND FDC.
 4) IN ADDITION TO THE STANDARD COMMENTS, ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.
 5) ALL ISOLATION VALVES WITHIN THE "HOT BOX" SHALL BE ELECTRICALLY SUPERVISED. PLEASE WORK CLOSELY WITH YOUR FIRE SPRINKLER AND ALARM INSTALLER IN REGARD TO RUNNING WIRE FOR TAMPER SWITCH.
 6) CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
 7) NEW HYDRANTS MUST BE BROUGHT INTO SERVICE PRIOR TO COMBUSTIBLE MATERIALS DELIVERED TO THE JOB SITE.
 8) PRIVATE UNDERGROUND FIRE LINES REQUIRE A SEPARATE FIRE LINE PERMIT FROM THE WILMINGTON FIRE AND LIFE SAFETY DIVISION 910-343-0696.

LEGEND
 - - - - - PROPERTY BOUNDARY
 -SS- PROPOSED SEWER
 -W- PROPOSED WATER
 -SD- PROPOSED STORM WATER
 (220) LIMITS OF DISTURBANCE
 (220) PROPOSED PARKING LOT LANDSCAPE ISLAND AREA
 (220) EXISTING STREET LIGHT

FOR AUTOTURN PURPOSES ONLY
SITE PLAN
 BAR SCALE 1"=30'
 30' 15' 0' 30' 60' 90'

TRIPP ENGINEERING, P.C. AUTOTURN FOR FIRE TRUCK
 419 Chestnut Street
 Wilmington, North Carolina 28401
 Phone 910-763-5100
 Fax 910-763-5631
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 LICENSE NO. 03-1427

SEAL
 PHILIP GREGORY, P.E.
 ENGINEER
 17374

AT2
 SHEET 2 OF 2
 17059

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

N/F
 CITY OF WILMINGTON
 ZONING: LI
 LAND USE: WATER AREAS
 EXIST. "YIELD HERE TO PEDESTRIAN" SIGN
 EXIST. "MEDIAN AHEAD" SIGN

N/F
 CITY OF WILMINGTON
 ZONING: IND
 LAND USE: PARKS

N/F
 ABINTO CORPORATION
 ZONING: O&I-1
 LAND USE: BUSINESS
 LOT 20
 BURN'T MILL BUSINESS PARK
 MB 51, PG 253

N/F
 ABINTO CORPORATION
 ZONING: O&I-1
 LAND USE: COMMERCIAL
 LOT 22
 BURN'T MILL BUSINESS PARK

N/F
 BURN'T MILL BUSINESS PARK, INC.
 ZONING: O&I-1
 LAND USE: BUSINESS
 LOT 11R
 BURN'T MILL BUSINESS PARK

N/F
 ABINTO CORPORATION
 ZONING: O&I-1
 LAND USE: BUSINESS
 LOT 12R
 BURN'T MILL BUSINESS PARK

EXIST. "STOP" SIGN & STREET NAME SIGN

N/F
 CITY OF WILMINGTON
 ZONING: LI
 LAND USE: WATER AREAS
 EXIST. "YIELD HERE TO PEDESTRIAN" SIGN