

NOTES:

ZONING

- 1) TOPOGRAPHY AND TREE SURVEY COMPLETED BY DANFORD AND ASSOC. LAND SURVEYING, P.C.
- 2) 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.
- 3) PERMITTING OF BUSINESS IDENTIFICATION SIGNAGE IS A SEPARATE PROCESS. NCDOT/CITY OF WILMINGTON WILL NOT ALLOW OBSTRUCTIONS WITHIN THE RIGHT-OF-WAY.
- 4) CONTRACTOR SHALL FIELD VERIFY SIZE, MATERIAL, INVERTS AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PROPOSED CONNECTIONS.
- 5) NO EXISTING EASEMENTS.

SOLID WASTE

- 1) LOTS TO USE CURBSIDE ROLL-OUT TYPE CARTS.

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) ONCE STREETS ARE OPEN TO TRAFFIC CONTACT TRAFFIC ENGINEERING TO REQUEST INSTALLATION OF TRAFFIC AND STREET NAME SIGNS.
- 3) 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.
- 4) CONTACT TRAFFIC ENGINEERING AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN. CALL TRAFFIC ENGINEERING AT 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 KAREN DIXON AT 741-7888 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) NO OFF SITE PARKING PROPOSED.
- 11) PRIVATE ALLEY IS PROPOSED.
- 12) DRIVEWAY IS EXISTING TO BE IMPROVED TO CITY STANDARDS.

LANDSCAPING

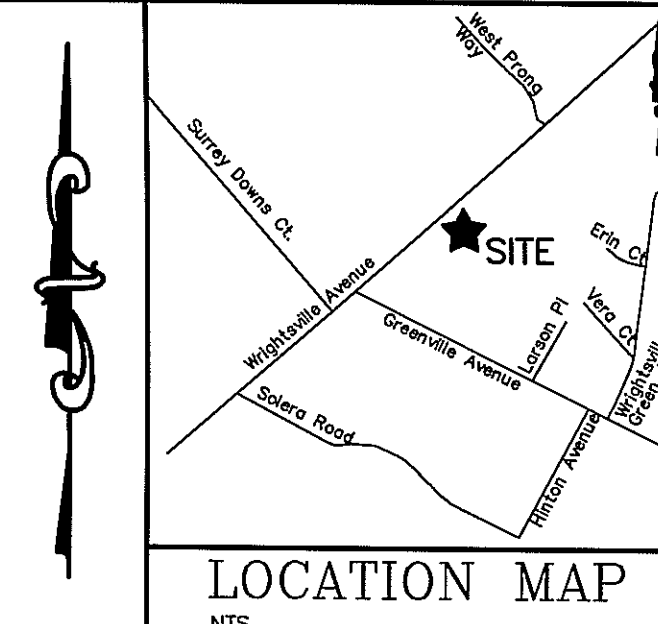
- 1) A LANDSCAPING PLAN INDICATING THE LOCATION OF REQUIRED STREET TREES SHALL BE SUBMITTED TO THE CITY OF WILMINGTON TRAFFIC ENGINEERING DIVISION AND THE PARKS AND RECREATION DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE RECORDING OF THE FINAL PLAT.
- 2) NO OBSTRUCTIONS ARE PERMITTED IN THE SPACE BETWEEN THIRTY (30) INCHES AND TEN (10) FEET ABOVE THE GROUND WITHIN THE TRIANGULAR SITE DISTANCE.

CEPFA

- 1) PROJECT SHALL COMPLY WITH THE CEPFA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METERS(CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL.
- 2) IF THE CONTRACTOR DESIRES CEPFA 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.
- 3) ANY IRRIGATION SYSTEM SUPPLIED BY CEPFA WATER SHALL COMPLY WITH THE CEPFA'S CONNECTION CONTROL REGULATION. CALL 332-6419 FOR INFORMATION.
- 4) ANY BACKFLOW PREVENTION DEVICES REQUIRED BY CEPFA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES FOR USFCOCHR OR ASSE.
- 5) PUBLIC WATER AND SEWER EXIST WITHIN WRIGHTSVILLE AVE. R/W. NO RECORDS OF INDIVIDUAL EASEMENTS EXIST.
- 6) CONTACT THE NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 PRIOR TO DOING ANY DIGGING, CLEARING OR GRADING.

DRAINAGE

- 1) CONVEYANCE: LOT NO. 1 SHEET FLOW AND OPEN GRASS SWALE TO NORTHWEST. LOT NO. 2, 3 AND 4 INVERTED CROWN TO DROP INLETS TO OPEN GRASS SWALE TO SOUTHEAST.



REVISIONS		
No	Date	Description

SITE DATA:

PROPERTY OWNER	CHRIS MURRAY
PROJECT ADDRESS	6024 WRIGHTSVILLE AVE.
PIN NUMBER	RS0515-001-028-000
VERTICAL DATUM	NAVD 88

AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.

ZONING DISTRICT	R-15 RESIDENTIAL
TRACT AREA	69,481 SF (1.595 AC)
DISTURBED AREA	.83 AC

SETBACKS REQUIRED

FRONT:	30'
REAR:	25'
SIDE:	10'

PROPOSED BUILDING SETBACKS

FRONT:	30'
REAR:	25'
SIDE:	10'

BUILDING HEIGHT

50% MAXIMUM LOT COVERAGE	35' MAXIMUM
--------------------------	-------------

IMPERVIOUS AREAS:

EXISTING IMPERVIOUS (HOUSE AND DRIVE)	2,550 SF
PROPOSED IMPERVIOUS (ACCESS DRIVE)	7,397 SF

BUILDING USE

(4) 3 BEDROOM SINGLE FAMILY RESIDENCES	RESIDENTIAL
--	-------------

PARKING PROVIDED: 1 CAR GARAGE AND 2 DRIVEWAY SPACES

CAMA LAND USE: WATERSHED RESOURCE PROTECTION

PUBLIC WATER AND SEWER BY CEPFA

EXISTING WATER FLOW:	400 GPD
PROPOSED WATER FLOW:	1,600 GPD
(4 @ 400 GPD)	360 GPD
EXISTING SEWER FLOW:	360 GPD
PROPOSED SEWER FLOW:	1,440 GPD
(4 @ 360 GPD)	

Approved Construction Plan

Name	Date

Planning _____

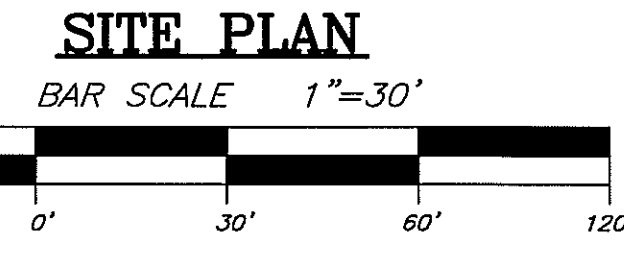
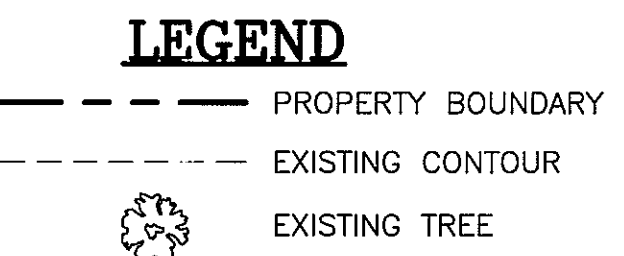
Traffic _____

Fire _____

DRAINAGE PLAN
APPROVED
CITY OF WILMINGTON
STORMWATER DISCHARGE
PERMIT NOT REQUIRED

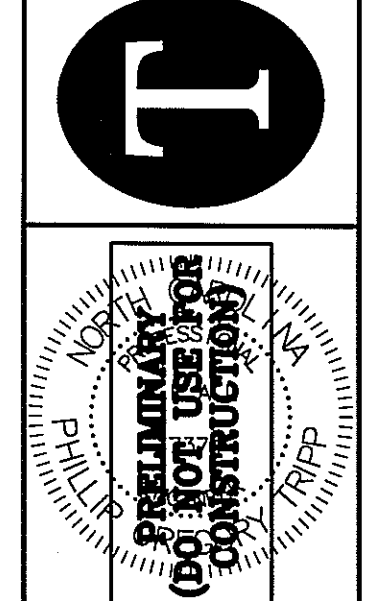
SIGNATURE _____ DATE _____

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



MINOR SUBDIVISION PRELIMINARY PLAN
 EXISTING CONDITIONS, SITE INVENTORY PLAN
MURRAY SUBDIVISION
 WILMINGTON, NORTH CAROLINA

TRIPP ENGINEERING, P.C.
 419 Chestnut Street
 Wilmington, North Carolina 28401
 Phone 910-763-5100
 Fax 910-763-5631
 © LICENSE NO. EC-1827

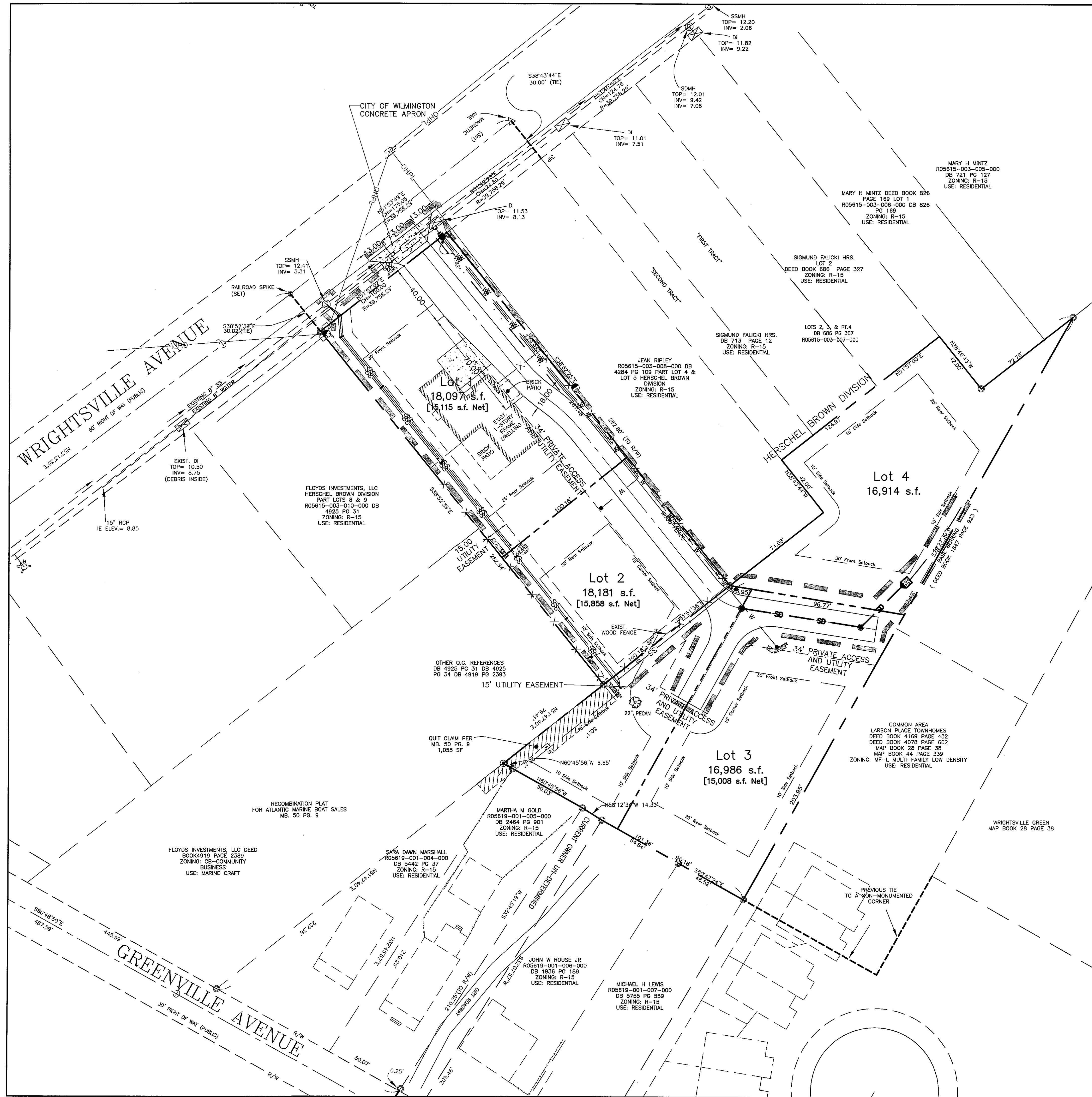


DATE 08-05-14
 DESIGN PGT
 DRAWN E/JW

RECEIVED
 AUG 06 2014
 PLANNING DIVISION

C1

SHEET 1 OF 5
 13033



NOTES:

ZONING:
 1) TOPOGRAPHY AND TREE SURVEY COMPLETED BY DANFORD AND ASSOC. LAND SURVEYING, P.C.
 2) 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.
 3) PERMITTING OF BUSINESS IDENTIFICATION SIGNAGE IS A SEPARATE PROCESS. NCDOT/CITY OF WILMINGTON WILL NOT ALLOW OBSTRUCTIONS WITHIN THE RIGHT-OF-WAY.
 4) CONTRACTOR SHALL FIELD VERIFY SIZE, MATERIAL, INVERTS AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PROPOSED CONNECTIONS.
 5) NO EXISTING EASEMENTS.

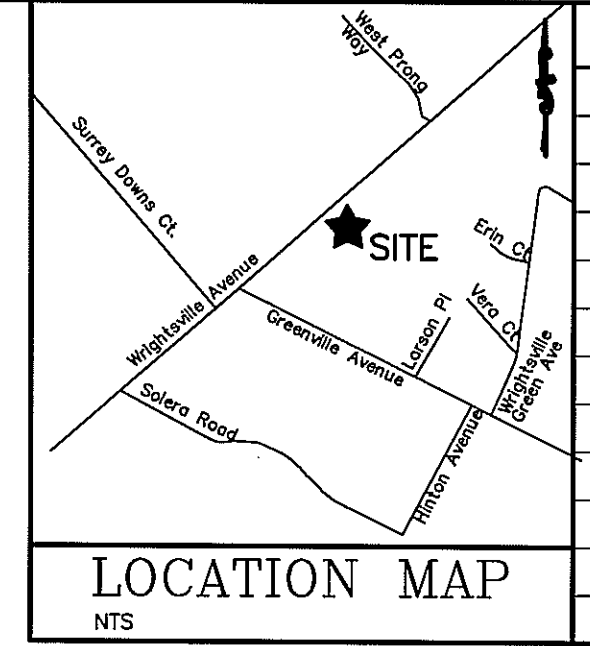
SOLID WASTE:
 1) LOTS TO USE CURBSIDE ROLL-OUT TYPE CARTS.

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) ONCE STREETS ARE OPEN TO TRAFFIC CONTACT TRAFFIC ENGINEERING TO REQUEST INSTALLATION OF TRAFFIC AND STREET NAME SIGNS.
 3) 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.
 4) CONTACT TRAFFIC ENGINEERING AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN. CALL TRAFFIC ENGINEERING AT 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 KAREN DIXON AT 741-7888 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) NO OFF SITE PARKING PROPOSED.
 11) PRIVATE ALLEY IS PROPOSED.
 12) DRIVEWAY IS EXISTING TO BE IMPROVED TO CITY STANDARDS.

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.

CFPUA:
 1) PROJECT SHALL COMPLY WITH THE CFPUA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METER(S) CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL.
 2) 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.
 3) ANY IRRIGATION SYSTEM SUPPLIED BY CFPUA WATER SHALL COMPLY WITH THE CFPUA'S CONNECTION CONTROL REGULATION. CALL 332-6419 FOR INFORMATION.
 4) ANY BACKFLOW PREVENTION DEVICES REQUIRED BY CFPUA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES FOR USE/REPAIR OR ASSE.
 5) PUBLIC WATER AND SEWER EXIST WITHIN WRIGHTSVILLE AVE. R/W. NO RECORDS OF INDIVIDUAL EASEMENTS EXIST.
 6) CONTACT THE NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 PRIOR TO DOING ANY DIGGING, CLEARING OR GRADING.

DRAINAGE:
 1) CONVEYANCE: LOT No.1 SHEET FLOW AND OPEN GRASS SWALE TO NORTHWEST. LOT No. 2, 3 AND 4 INVERTED CROWN TO DROP INLETS TO OPEN GRASS SWALE TO SOUTHEAST.



SITE DATA:

PROPERTY OWNER	CHRIS MURRAY
PROJECT ADDRESS	6024 WRIGHTSVILLE AVE.
FIN NUMBER	R05619-001-006-000
VERTICAL DATUM	NAVD 88

AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.
 ZONING DISTRICT R-15 RESIDENTIAL DISTRICT
 TRACT AREA 69,481 SF (1.595 AC)
 DISTURBED AREA .83 AC

SETBACKS REQUIRED FRONT: 30'
 REAR: 25'
 SIDE: 10'

PROPOSED BUILDING SETBACKS FRONT: 30'
 REAR: 25'
 SIDE: 10'

BUILDING HEIGHT 35' MAXIMUM
 50% MAXIMUM LOT COVERAGE

IMPERVIOUS AREAS:
 EXISTING IMPERVIOUS (HOUSE AND DRIVE) 2,550 SF
 PROPOSED IMPERVIOUS (ACCESS DRIVE) 7,397 SF

BUILDING USE RESIDENTIAL
 (4) 3 BEDROOM SINGLE FAMILY RESIDENCES

PARKING REQUIRED: 2.5 SPACES/UNIT
 PARKING PROVIDED: 1 CAR GARAGE AND 2 DRIVEWAY SPACES

CAMA LAND USE: WATERSHED RESOURCE PROTECTION

PUBLIC WATER AND SEWER BY CFPUA
 EXISTING WATER FLOW: 400 GPD
 PROPOSED WATER FLOW: 1,600 GPD
 (4 @ 400 GPD)
 EXISTING SEWER FLOW: 360 GPD
 PROPOSED SEWER FLOW: 1,440 GPD
 (4 @ 360 GPD)

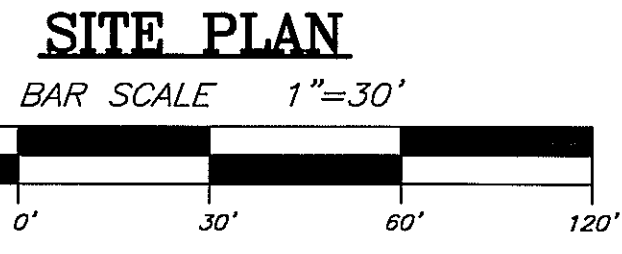
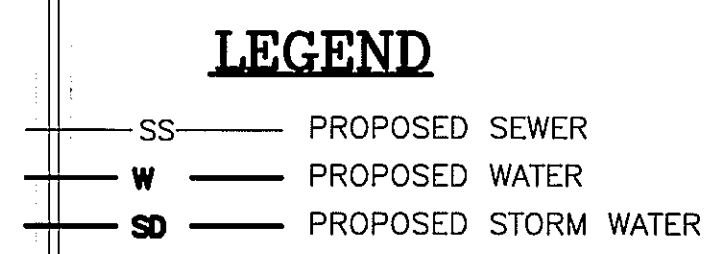
Approved Construction Plan

Name	Date
Planning	
Traffic	
Fire	

DRAINAGE PLAN
 APPROVED
 CITY OF WILMINGTON
 STORMWATER DISCHARGE
 PERMIT NOT REQUIRED

SIGNATURE _____ DATE _____

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

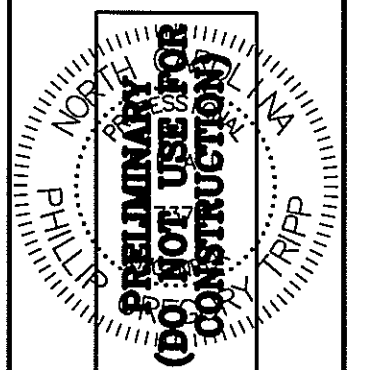
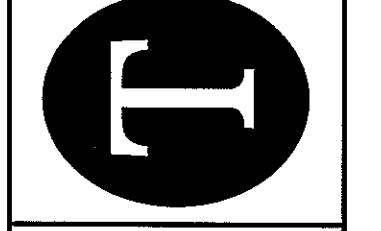


REVISIONS

No.	Date	Description	By

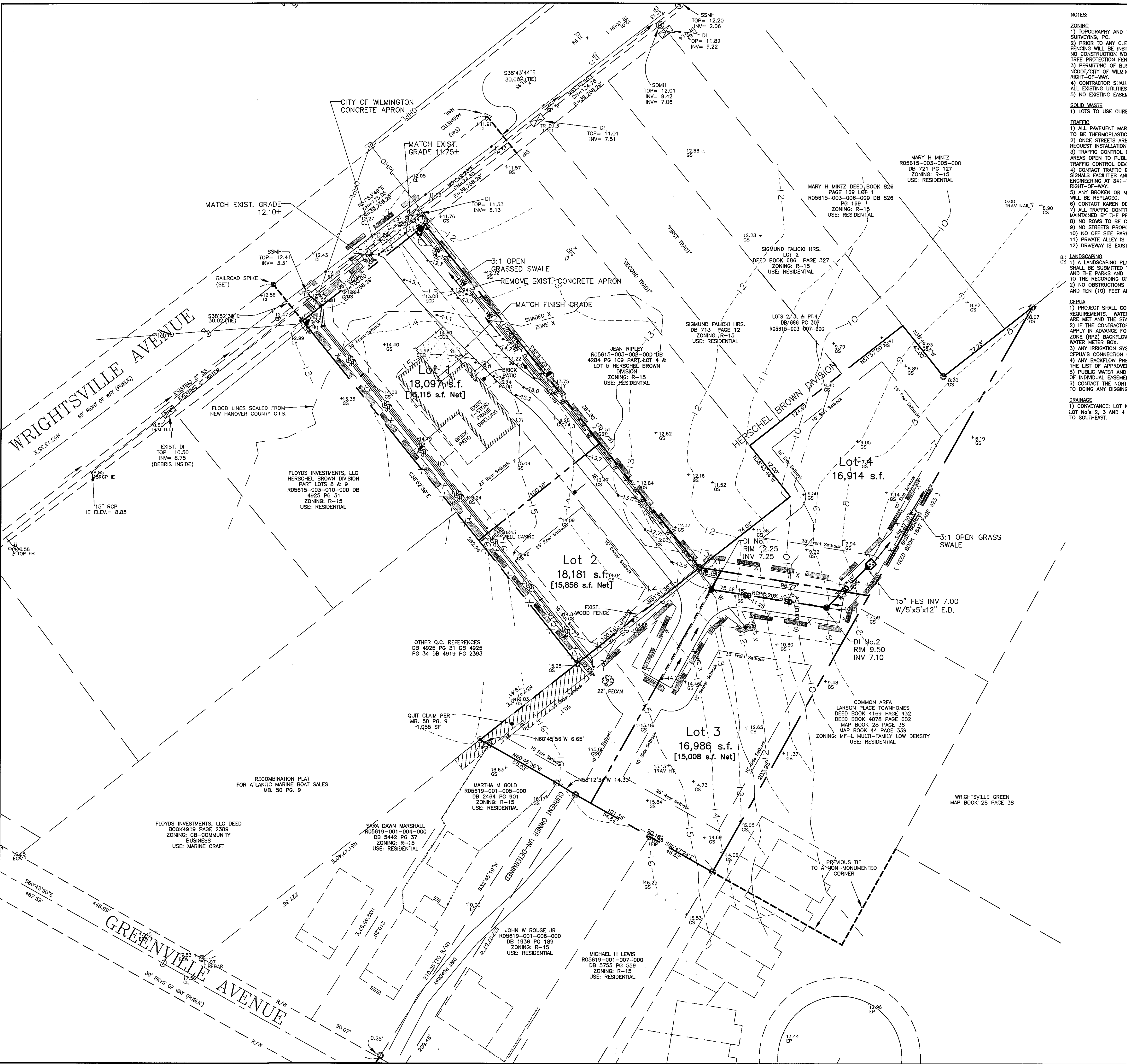
MINOR SUBDIVISION PRELIMINARY PLAN
 SITE PLAN
 MURRAY SUBDIVISION
 WILMINGTON, NORTH CAROLINA

TRIPP ENGINEERING, P.C.
 419 Chestnut Street
 Wilmington, North Carolina 28401
 Phone 910-763-5100
 Fax 910-763-5631
 © TRIPP ENGINEERING, P.C. 2017



DATE 08-05-14
 DESIGN PGT
 DRAWN EJV

C2
 SHEET 2 OF 5
 13033



NOTES:

ZONING

- 1) TOPOGRAPHY AND TREE SURVEY COMPLETED BY DANFORD AND ASSOC. LAND SURVEYING, P.C.
- 2) 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.
- 3) PERMITTING OF BUSINESS IDENTIFICATION SIGNAGE IS A SEPARATE PROCESS. NCDOT/CITY OF WILMINGTON WILL NOT ALLOW OBSTRUCTIONS WITHIN THE RIGHT-OF-WAY.
- 4) CONTRACTOR SHALL FIELD VERIFY SIZE, MATERIAL, INVERTS AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PROPOSED CONNECTIONS.
- 5) NO EXISTING EASEMENTS.

SOLID WASTE

- 1) LOTS TO USE CURBSIDE ROLL-OUT TYPE CARTS.

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) ONCE STREETS ARE OPEN TO TRAFFIC CONTACT TRAFFIC ENGINEERING TO REQUEST INSTALLATION OF TRAFFIC AND STREET NAME SIGNS.
- 3) 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.
- 4) CONTACT TRAFFIC ENGINEERING AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN. CALL TRAFFIC ENGINEERING AT 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 KAREN DIXON AT 741-7888 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) NO OFF SITE PARKING PROPOSED.
- 11) PRIVATE ALLEY IS PROPOSED.
- 12) DRIVEWAY IS EXISTING TO BE IMPROVED TO CITY STANDARDS.

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.

CFPUA

- 1) PROJECT SHALL COMPLY WITH THE CFPUA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METER(S) CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL.
- 2) 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.
- 3) ANY IRRIGATION SYSTEM SUPPLIED BY CFPUA WATER SHALL COMPLY WITH THE CFPUA'S CONNECTION CONTROL REGULATION. CALL 332-8419 FOR INFORMATION.
- 4) ANY BACKFLOW PREVENTION DEVICES REQUIRED BY CFPUA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES FOR USFCO/CCHR OR ASSE.
- 5) PUBLIC WATER AND SEWER EXIST WITHIN WRIGHTSVILLE AVE. R/W. NO RECORDS OF INDIVIDUAL EASEMENTS EXIST.
- 6) CONTACT THE NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 PRIOR TO DOING ANY DIGGING, CLEARING OR GRADING.

DRAINAGE

- 1) CONVEYANCE: LOT No.1 SHEET 15 AND OPEN GRASS SWALE TO NORTHWEST. LOT No. 2, 3 AND 4 INVERTED BROWN TO DROP INLETS TO OPEN GRASS SWALE TO SOUTHEAST.



SITE DATA:

PROPERTY OWNER: CHRIS MURRAY
 PROJECT ADDRESS: 6024 WRIGHTSVILLE AVE
 PIN NUMBER: R05619-001-026-000
 VERTICAL DATUM: NAVD 88

AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.
 ZONING DISTRICT: R-15 RESIDENTIAL DISTRICT
 TRACT AREA: 69,481 SF (1.595 AC)
 DISTURBED AREA: .83 AC
 SETBACKS REQUIRED: FRONT: 30', REAR: 25', SIDE: 10'

PROPOSED BUILDING SETBACKS: FRONT: 30', REAR: 25', SIDE: 10'

BUILDING HEIGHT: 35' MAXIMUM
 SOX MAXIMUM LOT COVERAGE: 35' MAXIMUM

IMPERVIOUS AREAS:
 EXISTING IMPERVIOUS (HOUSE AND DRIVE): 2,550 SF
 PROPOSED IMPERVIOUS (ACCESS DRIVE): 7,397 SF

BUILDING USE: RESIDENTIAL
 (4) 3 BEDROOM SINGLE FAMILY RESIDENCES

PARKING REQUIRED: 2.5 SPACES/UNIT
 PARKING PROVIDED: 1 CAR GARAGE AND 2 DRIVEWAY SPACES

CAMA LAND USE: WATERSHED RESOURCE PROTECTION

PUBLIC WATER AND SEWER BY CFPUA
 EXISTING WATER FLOW: 400 GPD
 PROPOSED WATER FLOW: 1,600 GPD (4 @ 400 GPD)
 EXISTING SEWER FLOW: 380 GPD
 PROPOSED SEWER FLOW: 1,440 GPD (4 @ 360 GPD)

Approved Construction Plan

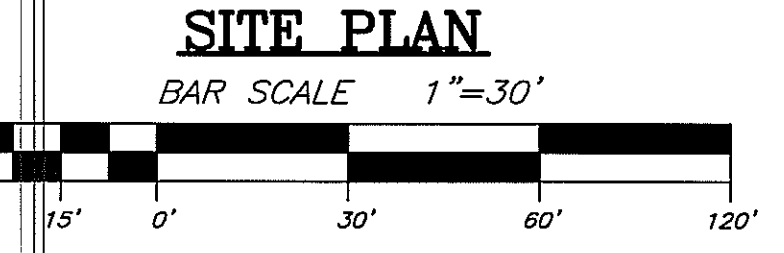
Name	Date
Planning	
Traffic	
Fire	

DRAINAGE PLAN APPROVED
 CITY OF WILMINGTON
 STORMWATER DISCHARGE PERMIT NOT REQUIRED

SIGNATURE _____ DATE _____

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

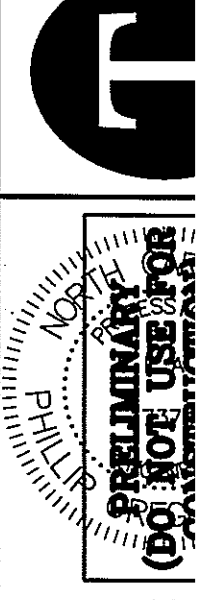
- LEGEND**
- SS — PROPOSED SEWER
 - W — PROPOSED WATER
 - SD — PROPOSED STORM WATER
 - ▨ — LIMITS OF DISTURBANCE
 - X — TSF TEMPORARY SILT FENCE
 - — PROPOSED SPOT ELEVATION

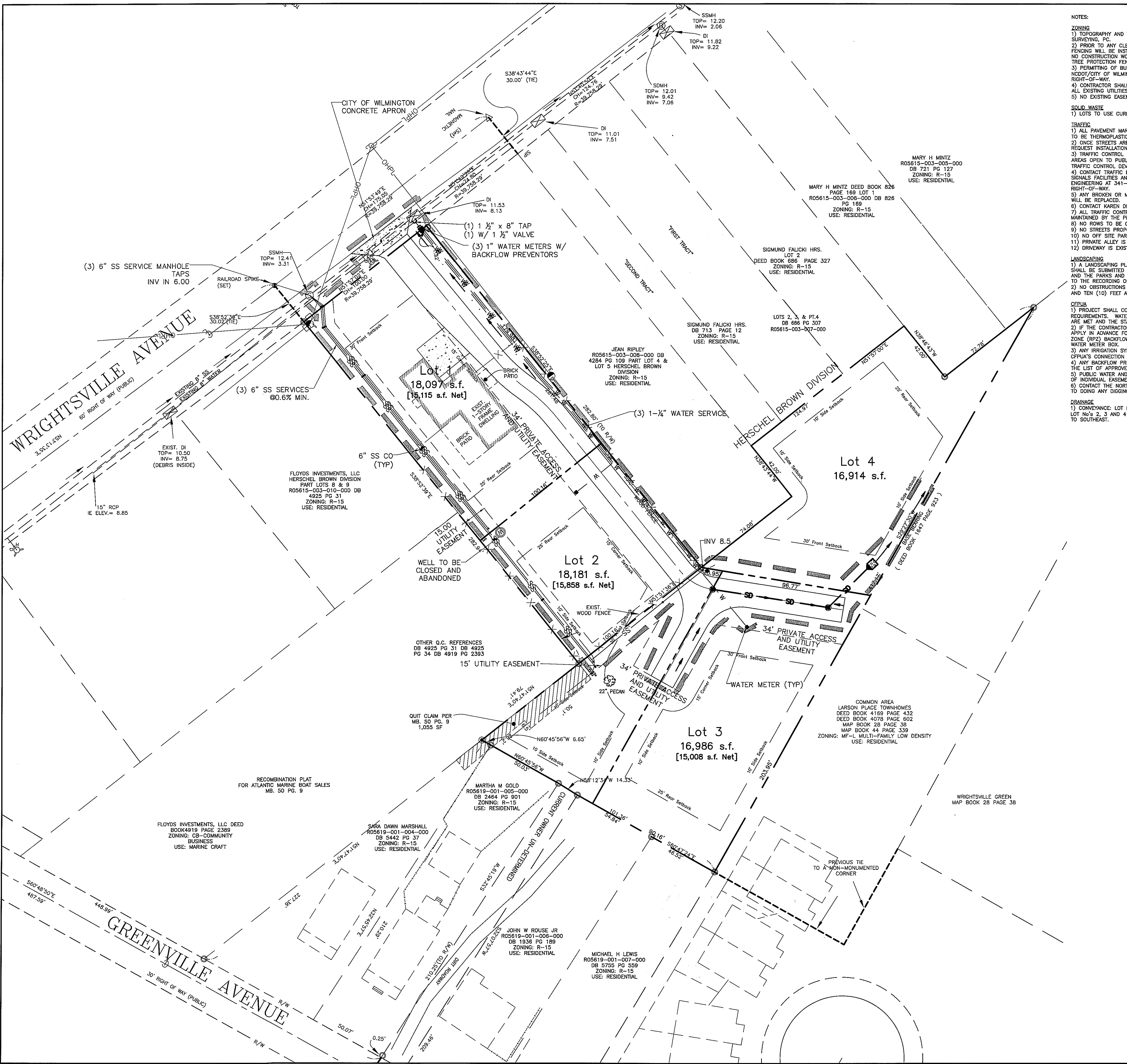


REVISION	No.	Date	Description

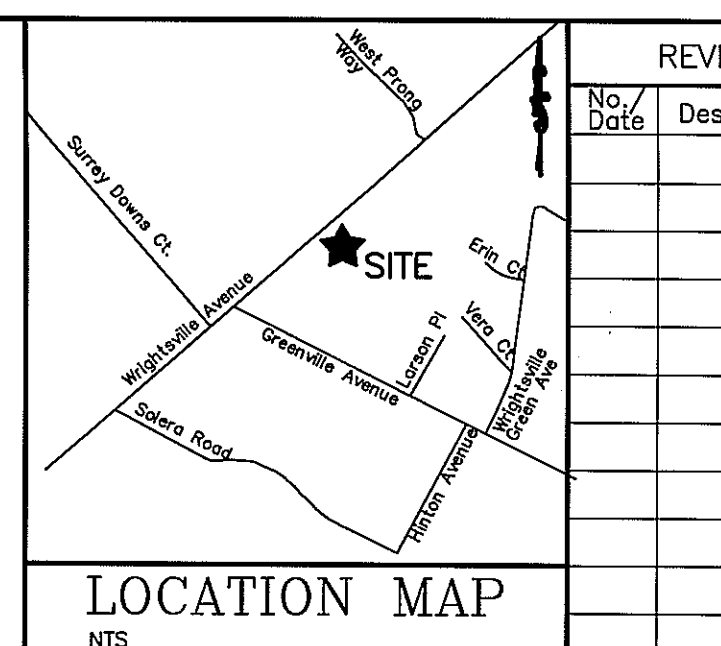
GRADING, DRAINAGE, EROSION CONTROL AND STORMWATER MANAGEMENT PLAN
 MIDDLETOWN SUBDIVISION

TRIPP ENGINEERING, P.C.
 419 Chestnut Street
 Wilmington, North Carolina 28401





- NOTES:**
- ZONING**
- 1) TOPOGRAPHY AND TREE SURVEY COMPLETED BY DANFORD AND ASSOC. LAND SURVEYING, P.C.
 - 2) 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.
 - 3) PERMITTING OF BUSINESS IDENTIFICATION SIGNAGE IS A SEPARATE PROCESS. NCDOT/CITY OF WILMINGTON WILL NOT ALLOW OBSTRUCTIONS WITHIN THE RIGHT-OF-WAY.
 - 4) CONTRACTOR SHALL FIELD VERIFY SIZE, MATERIAL, INVERTS AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PROPOSED CONNECTIONS.
 - 5) NO EXISTING EASEMENTS.
- SOLID WASTE**
- 1) LOTS TO USE CURBSIDE ROLL-OUT TYPE CARTS.
- 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) ONCE STREETS ARE OPEN TO TRAFFIC CONTACT TRAFFIC ENGINEERING TO REQUEST INSTALLATION OF TRAFFIC AND STREET NAME SIGNS.
 - 3) 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.
 - 4) CONTACT TRAFFIC ENGINEERING AT 341-7888 TO ENSURE THAT ALL TRAFFIC SIGNALS FACILITIES AND EQUIPMENT ARE SHOWN ON THE PLAN. CALL TRAFFIC ENGINEERING AT 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 KAREN DIXON AT 741-7888 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) NO OFF SITE PARKING PROPOSED.
 - 11) PRIVATE ALLEY IS PROPOSED.
 - 12) DRIVEWAY IS EXISTING TO BE IMPROVED TO CITY STANDARDS.
- 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.
- CFPLA**
- 1) PROJECT SHALL COMPLY WITH THE CFPLA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METER(S) CANNOT BE RELEASED UNTIL ALL REQUIREMENTS ARE MET AND THE STATE HAS GIVEN THEIR FINAL APPROVAL.
 - 2) IF THE CONTRACTOR DESIRES CFPLA 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.
 - 3) ANY IRRIGATION SYSTEM SUPPLIED BY CFPLA WATER SHALL COMPLY WITH THE CFPLA'S CONNECTION CONTROL REGULATION. CALL 332-6419 FOR INFORMATION.
 - 4) ANY BACKFLOW PREVENTION DEVICES REQUIRED BY CFPLA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES FOR USCFCPCR OR ASSE.
 - 5) PUBLIC WATER AND SEWER EXIST WITHIN WRIGHTSVILLE AVE. R/W. NO RECORDS OF INDIVIDUAL EASEMENTS EXIST.
 - 6) CONTACT THE NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 PRIOR TO DOING ANY DIGGING, CLEARING OR GRADING.
- DRAINAGE**
- 1) CONVEYANCE: LOT No.1 SHEET FLOW AND OPEN GRASS SWALE TO NORTHWEST. LOT No. 2, 3 AND 4 INVERTED CROWN TO DROP INLETS TO OPEN GRASS SWALE TO SOUTHWEST.



SITE DATA:

PROPERTY OWNER	CHRIS MURRAY
PROJECT ADDRESS	6024 WRIGHTSVILLE AVE
PIN NUMBER	R05619-001-026-000
VERTICAL DATUM	NAVD 88
AREA NOT IN A FEMA 100-YEAR FLOOD ZONE.	
ZONING DISTRICT	R-15 RESIDENTIAL DISTRICT
TRACT AREA	69,481 SF (1.595 AC)
DISTURBED AREA	.83 AC
SETBACKS REQUIRED	FRONT: 30' REAR: 25' SIDE: 10'
PROPOSED BUILDING SETBACKS	FRONT: 30' REAR: 25' SIDE: 10'
BUILDING HEIGHT	35' MAXIMUM
SDR MAXIMUM LOT COVERAGE	
IMPERVIOUS AREAS:	2,550 SF
PROPOSED IMPERVIOUS (HOUSE AND DRIVE)	7,397 SF
BUILDING USE	RESIDENTIAL
(4) 3 BEDROOM SINGLE FAMILY RESIDENCES	
PARKING REQUIRED:	2.5 SPACES/UNIT
PARKING PROVIDED:	1 CAR GARAGE AND 2 DRIVEWAY SPACES
CAMA LAND USE:	WATERSHED RESOURCE PROTECTION
PUBLIC WATER AND SEWER BY CFPLA	400 GPD
EXISTING WATER FLOW:	1,600 GPD
PROPOSED WATER FLOW:	360 GPD
EXISTING SEWER FLOW:	360 GPD
PROPOSED SEWER FLOW:	1,440 GPD

Approved Construction Plan

Name _____ Date _____

Planning _____

Traffic _____

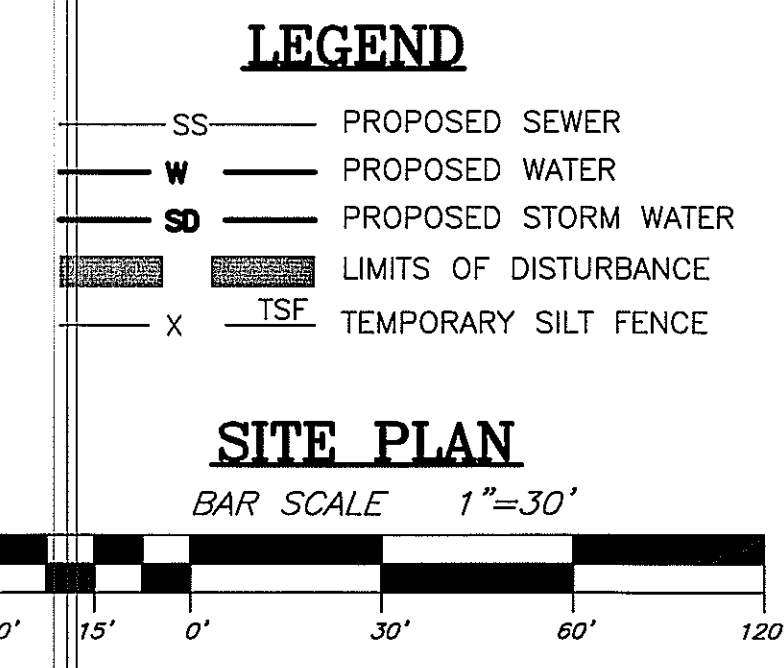
Fire _____

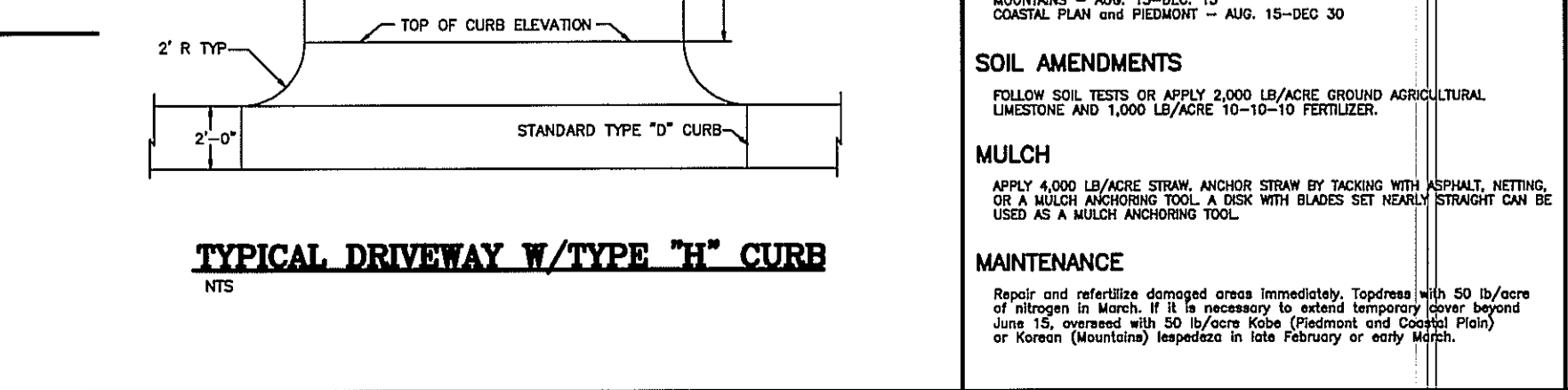
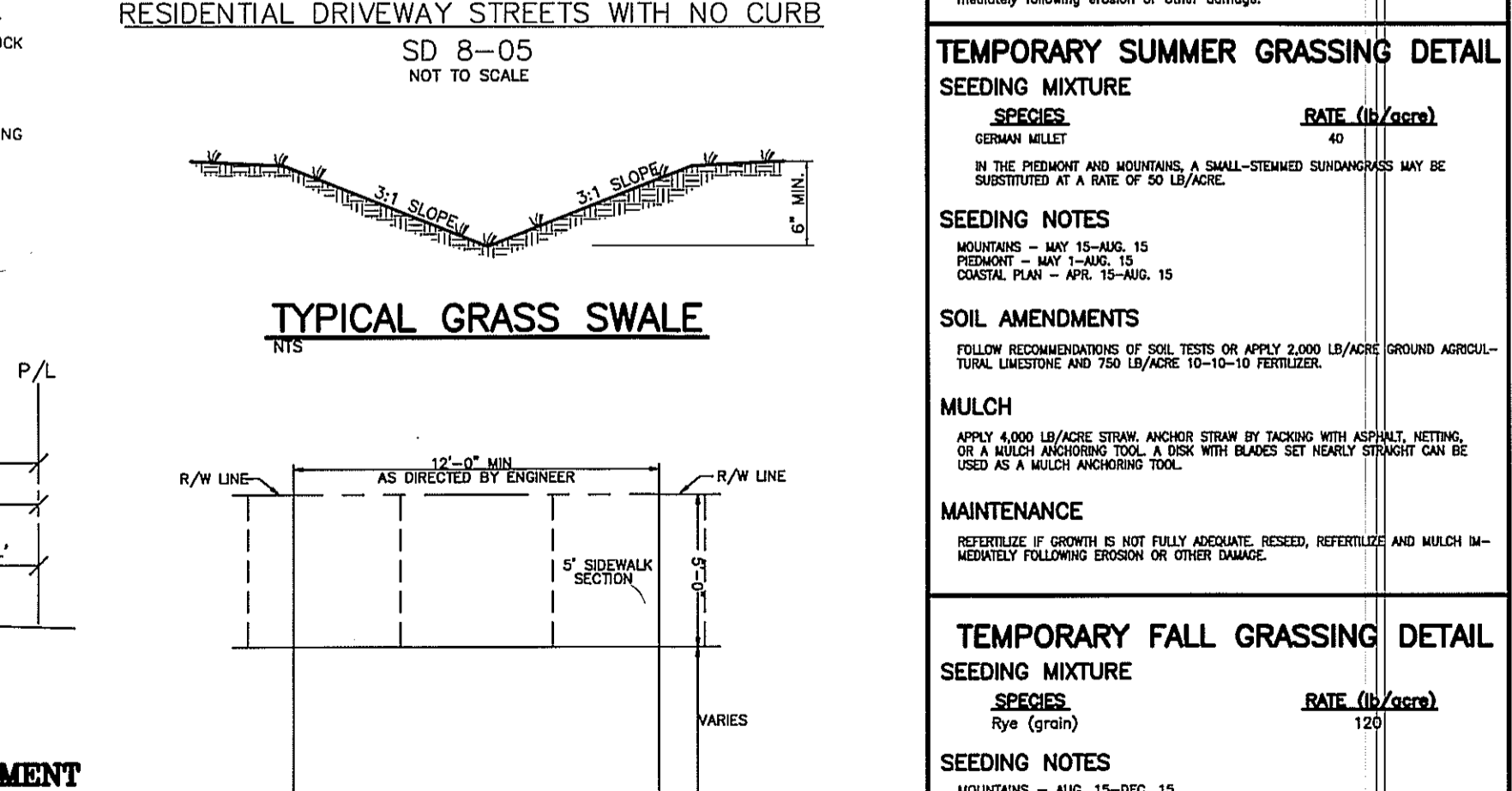
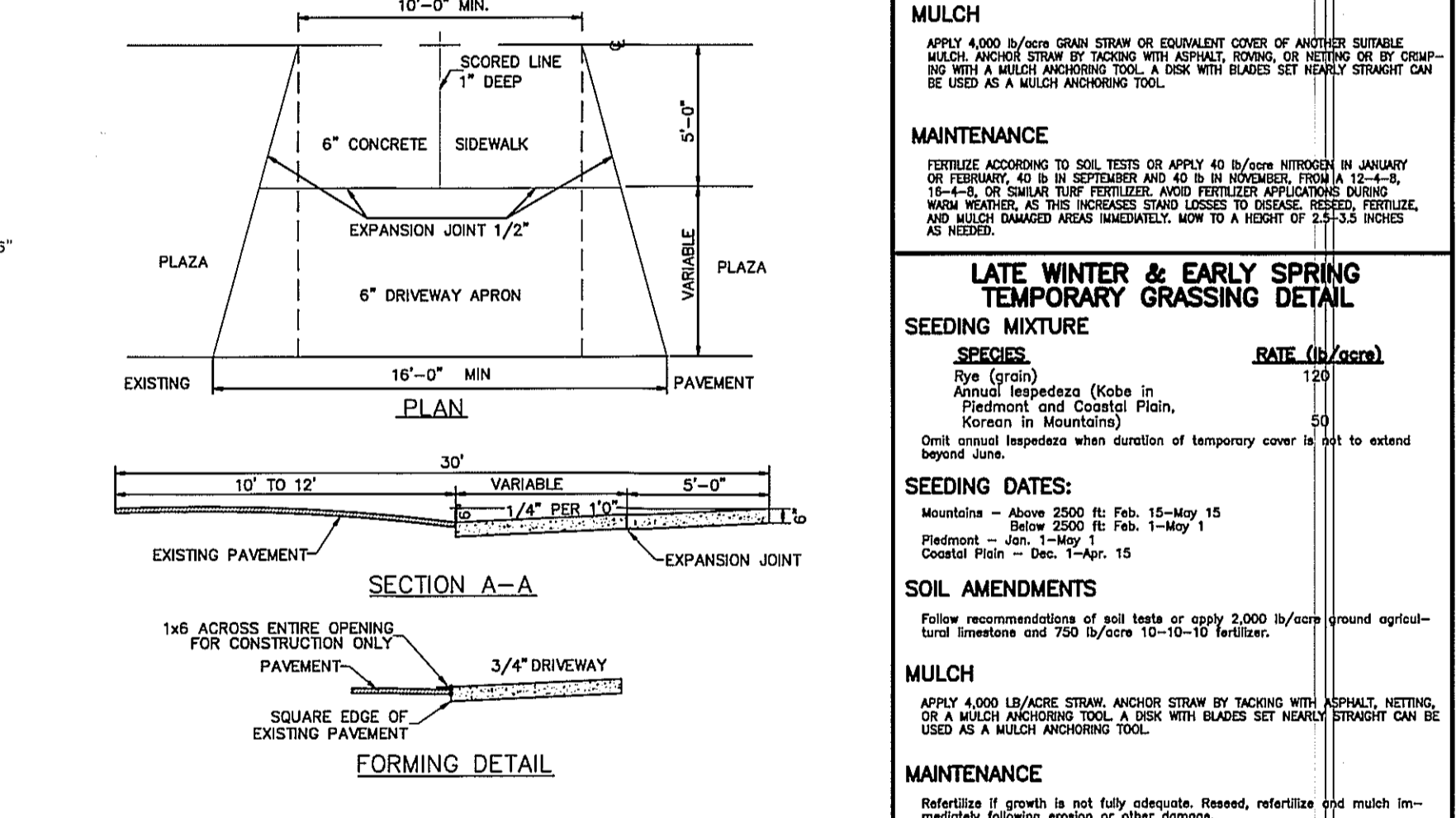
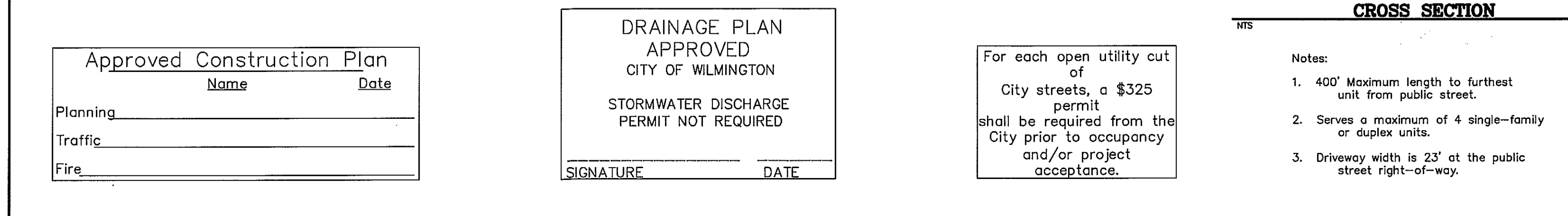
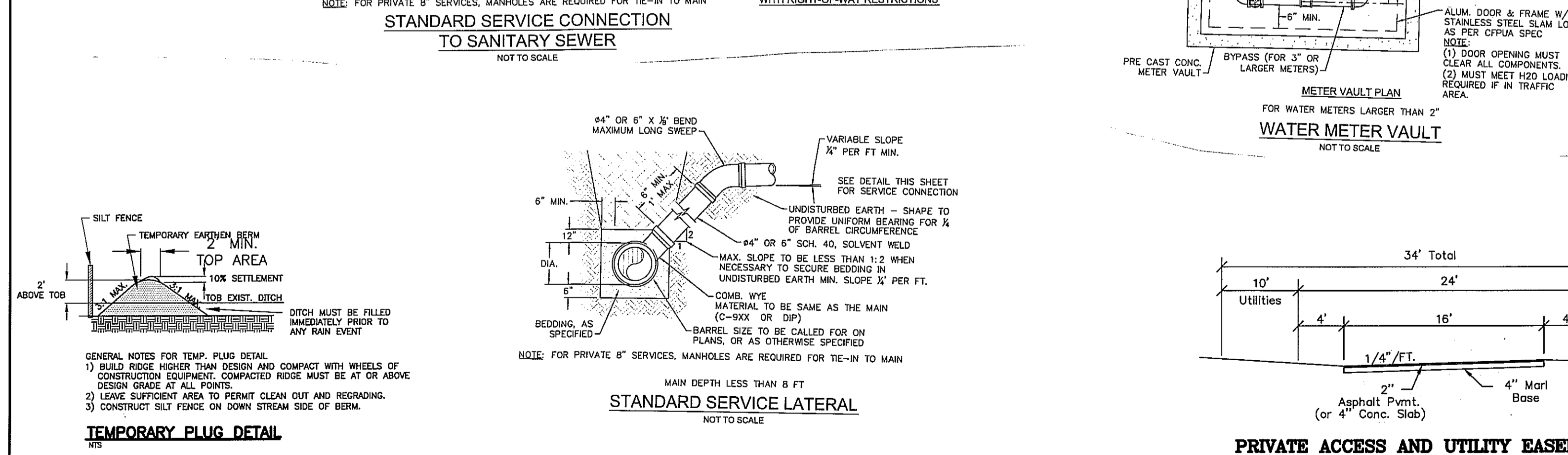
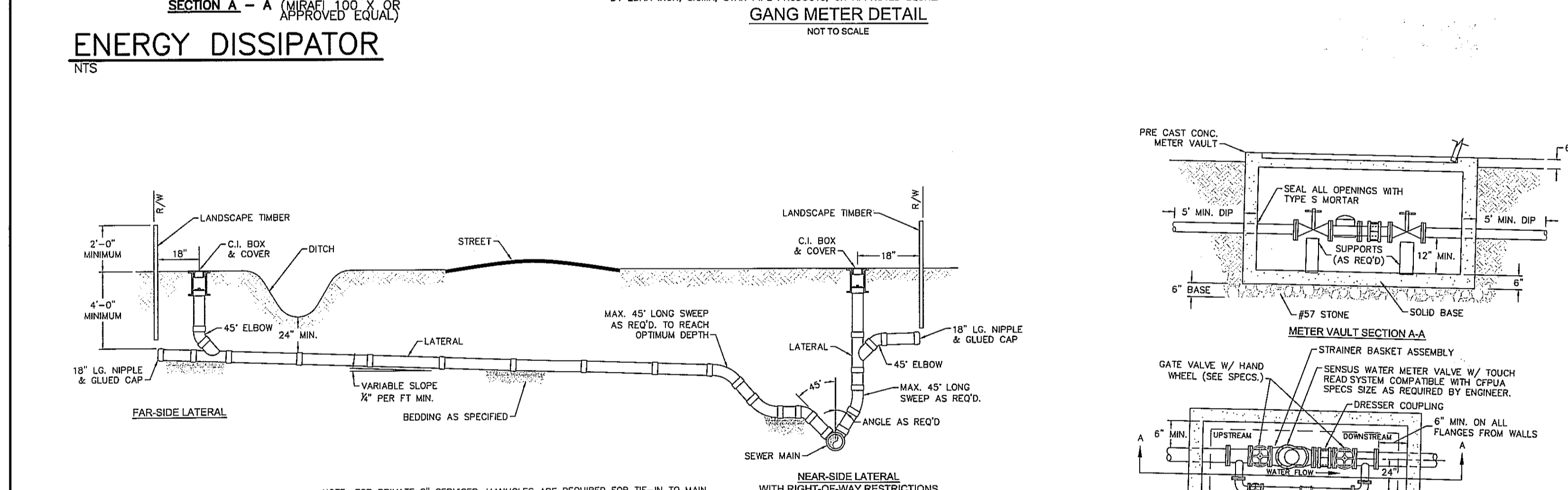
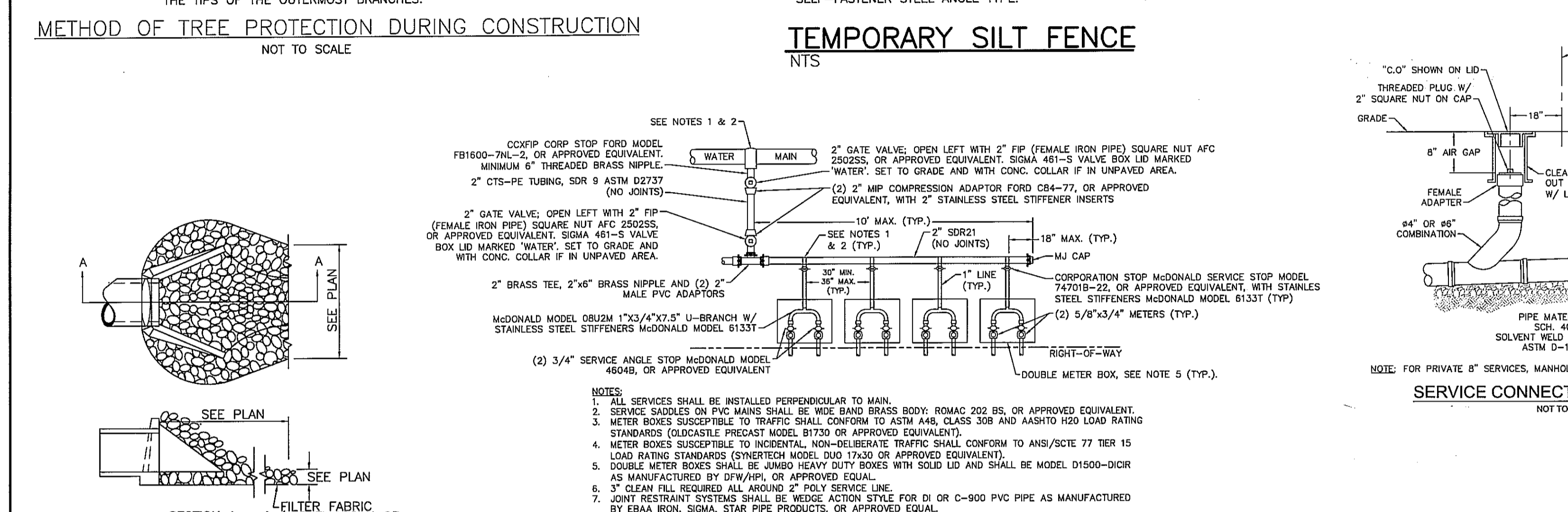
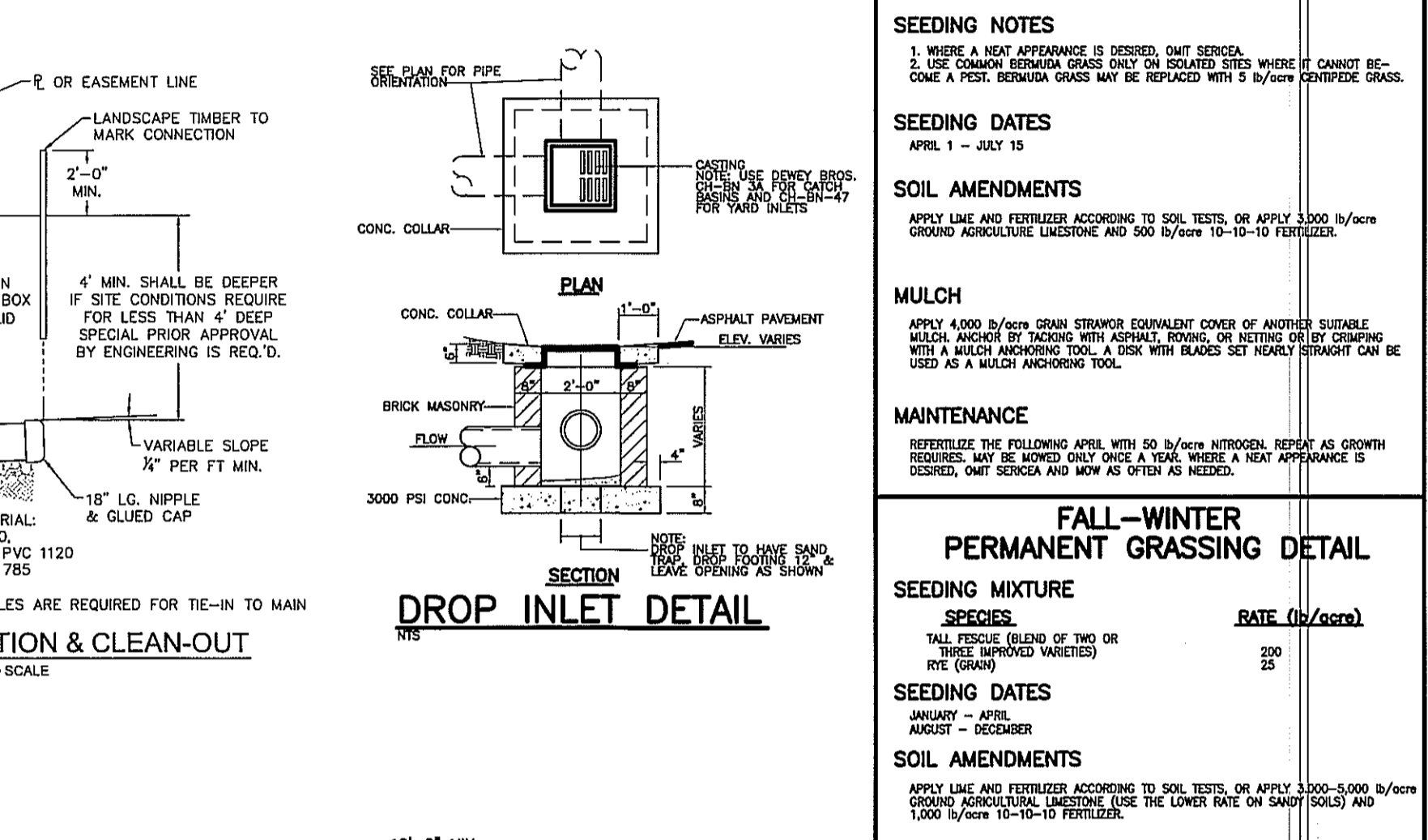
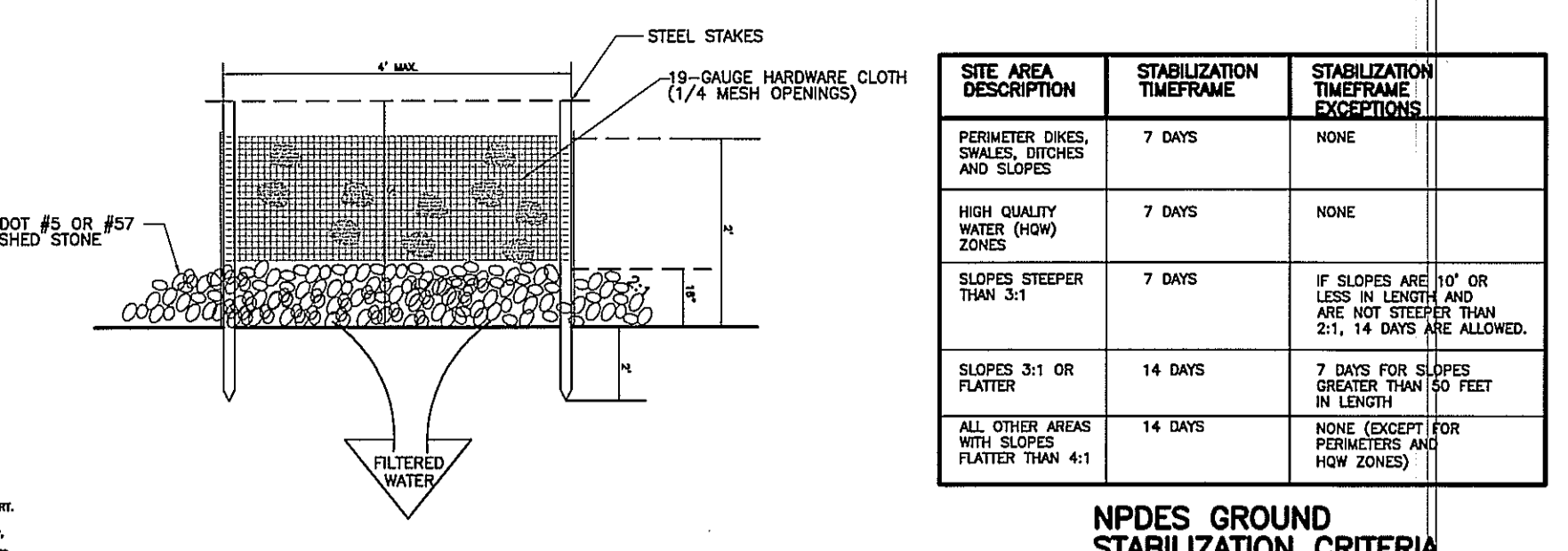
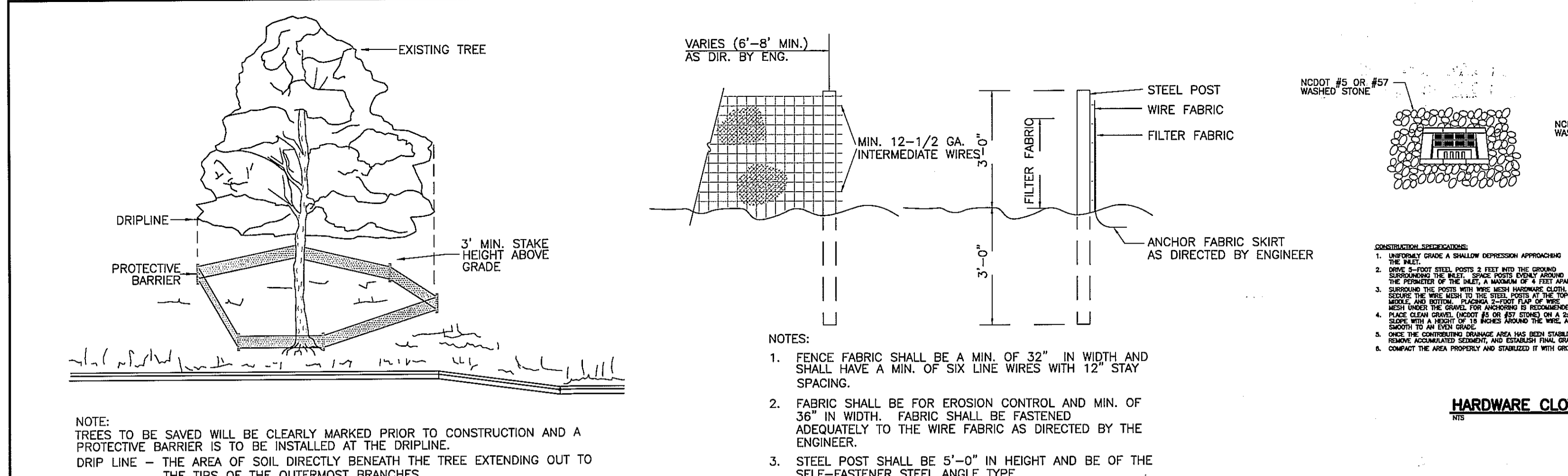
DRAINAGE PLAN APPROVED
CITY OF WILMINGTON

STORMWATER DISCHARGE PERMIT NOT REQUIRED

SIGNATURE _____ DATE _____

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





MURRAY SUBDIVISION
WILMINGTON, NORTH CAROLINA

REVISIONS

No./Date	Description	By

DETAILS AND NOTES

TRIPP ENGINEERING, P.C.
419 Chestnut Street
Wilmington, North Carolina 28401
Phone 910-763-5100
Fax 910-763-5631
© 1998 TRIPP ENGINEERING, P.C.

DATE 08-05-14
DESIGN PGT
DRAWN EJW

C5
SHEET 5 OF 5
13033

NOT FOR CONSTRUCTION

DATE 08-05-14
DESIGN PGT
DRAWN EJW

C5
SHEET 5 OF 5
13033