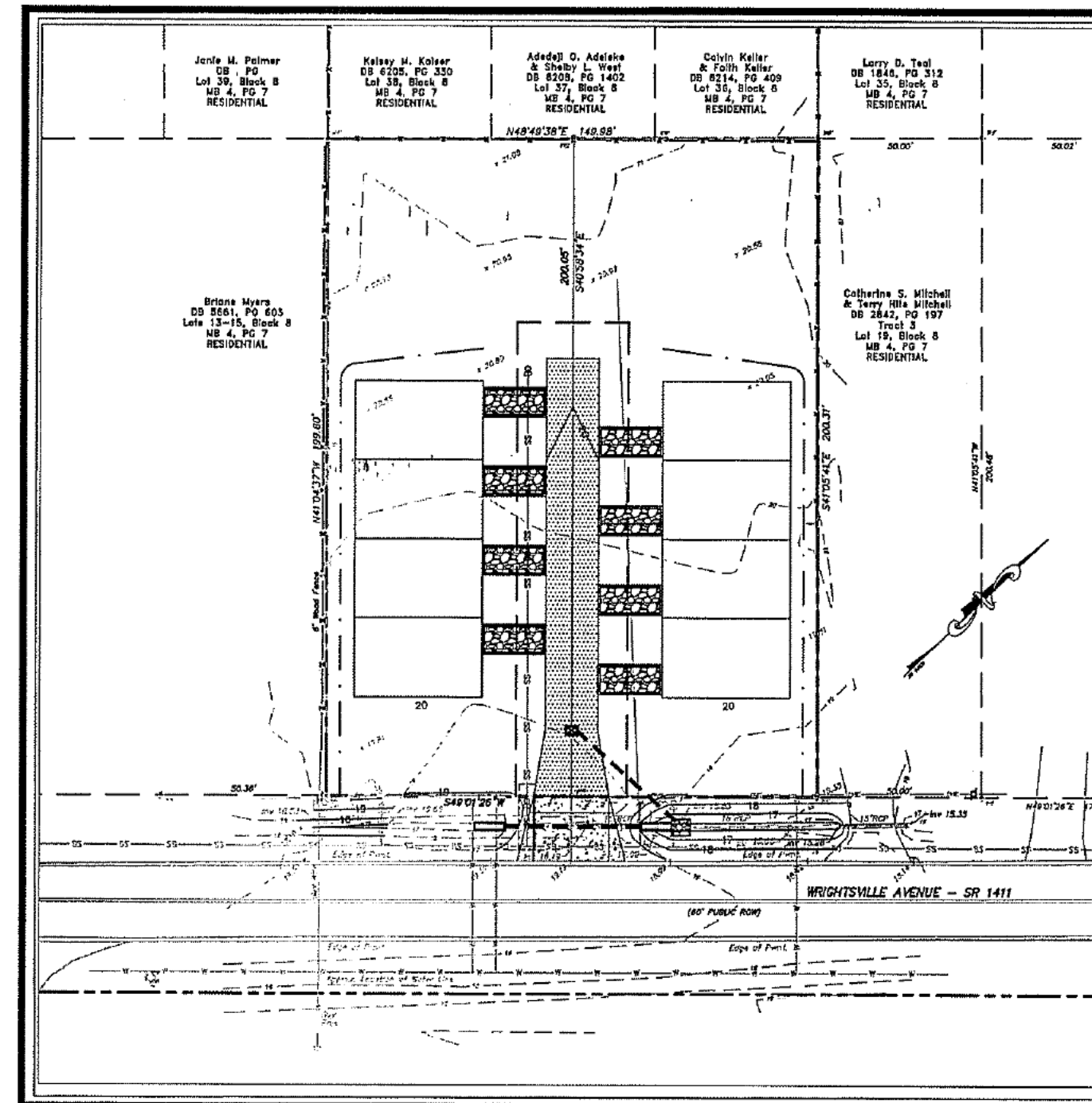
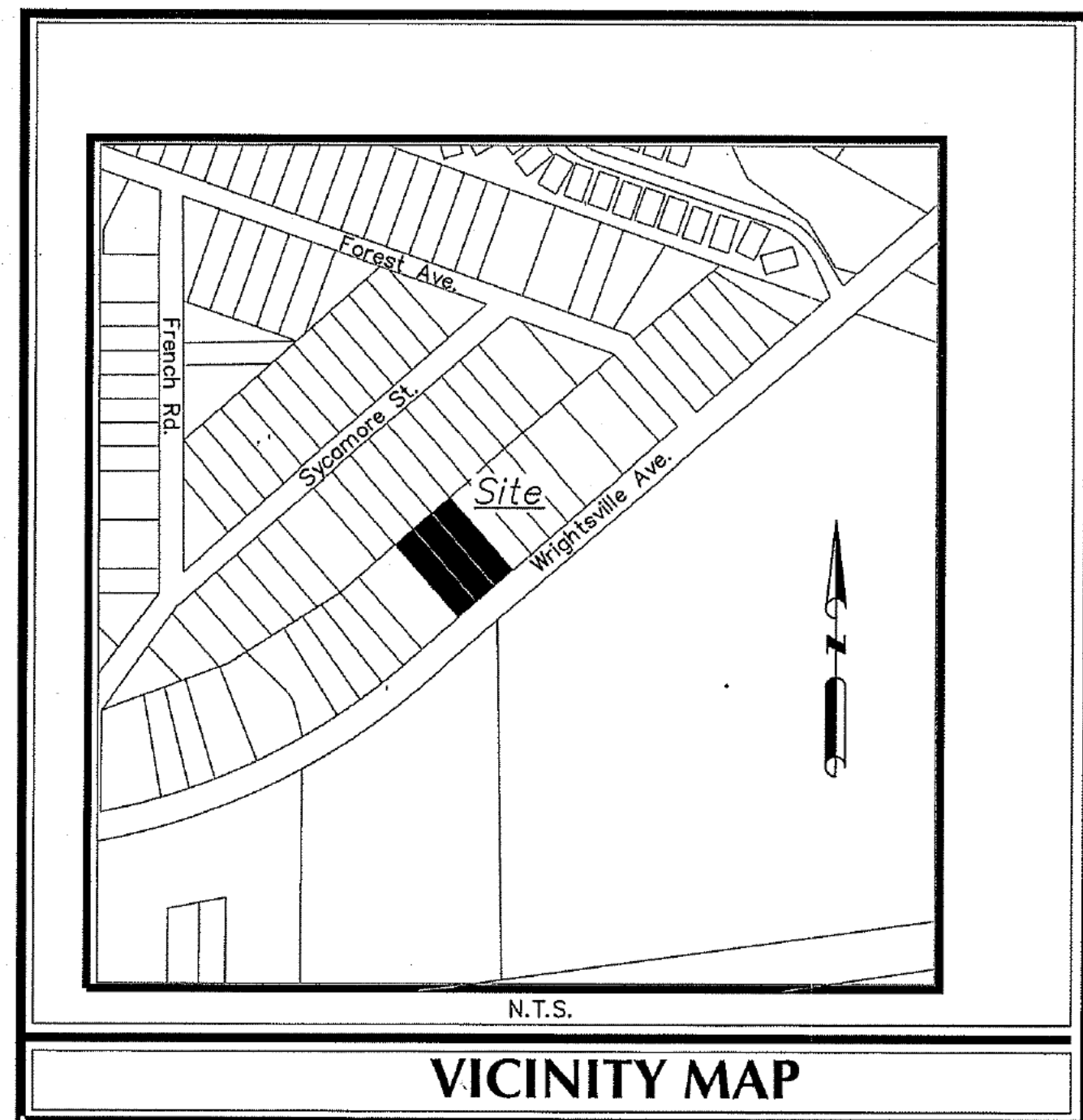


Site Development For COTTAGES ON WRIGHTSVILLE

DECEMBER, 2021
WILMINGTON, NORTH CAROLINA



INDEX OF SHEETS	
SHT C-0	COVER SHEET
SHT C-1	GENERAL NOTES
SHT C-2	EXISTING CONDITIONS
SHT C-3	LOT LAYOUT PLAN
SHT C-4	UTILITY PLAN
SHT C-5	GRADING & DRAINAGE PLAN
SHT C-6	MISCELLANEOUS DETAILS

LEGEND		
DESCRIPTION	EXISTING	PROPOSED
PROPERTY BOUNDARY	---	---
EASEMENT	---	---
SEWER CLEANOUT	⊗	⊗
WATER METER	◇	●
MINOR CONTOURS	---8---	---8---
MAJOR CONTOURS	---10---	---10---
GAS LINE	---G---	---G---
OVERHEAD POWER	--OHP--	--OHP--
WATER LINE	---W---	---W---
SANITARY SEWER LINE	---SS---	---SS---
SANITARY SEWER MANHOLE	⊙	⊙
STORM DRAINAGE PIPE	---	---
STORM DRAINAGE STRUCTURE	○ □	● ■
TREE	11" OAK ●	● ★ ●
CONCRETE	▨	▨
SILT FENCE	---	---SF---
TREE PROTECTION FENCE	---	---TP---
FIRE HYDRANT ASSEMBLY	⊕	⊕

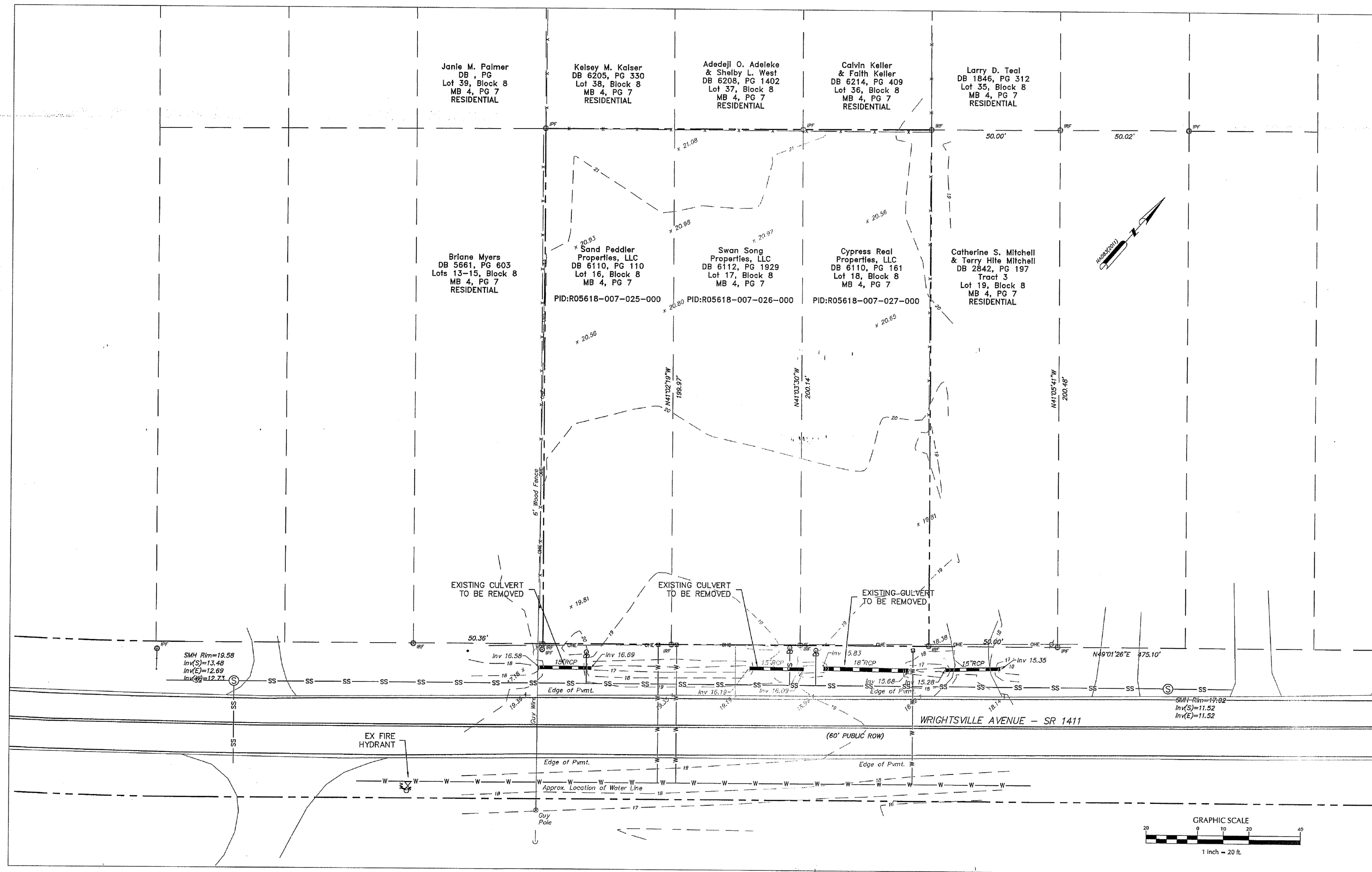
OWNER


LAUREL COMPANIES, LLC
101 NORTH SEAVIEW ROAD
WILMINGTON, NC 28409

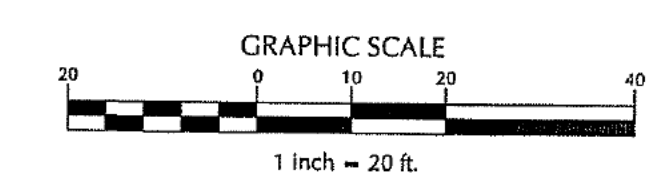
PORT CITY CONSULTING
ENGINEERS, PLLC
6216 STONEBRIDGE ROAD
WILMINGTON, NC 28409
910-599-1744 LICENSE No. P-1032
mark@portcityeng.com

CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED DRAINAGE PLAN
Date: 1/12/22, Permit # 2022003
Signed: *Ruth Christensen*

SITE DATA TABLE	
SURVEY NOTES:	
1.	Horizontal datum is based upon NAD83 (2011) and vertical (NAVD88). Datum was established utilizing a Topcon SR GPS receiver operating in VRS mode with repeat observations.
2.	Areas calculated by coordinate method.
3.	No NCGS monument was found within 2,000 feet of the subject parcel.
4.	Parcels do not lie within a designated 100-Year Flood Zone, per FEMA FIRM map 3720314700K bearing an effective date of August 28, 2018.
5.	All distances are horizontal field measurements.
6.	Survey completed without benefit of an abstract of title. The properties shown hereon may be subject to easements or other encumbrances not shown, but recorded in the New Hanover County Register of Deeds Office.
PARCEL DATA	
Survey Date: 03/15/21	
Zoning - R-7 Residential	
Area = 30,010± SF or 0.689± Acre	
Minimum lot area: 7,000 sf	
Minimum lot width: 50 ft	
Minimum front setback: 10 ft	
Minimum rear setback: 20 ft	
Minimum interior setback: 8.5 ft	
Maximum height: 35 ft	
Parcel No's:	
R05618-007-025-000	
R05618-007-026-000	
R05918-007-027-000	
NOTE:	
ALL DESIGN AND CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE CITY OF WILMINGTON, CFPWA & THE STATE OF NORTH CAROLINA	




 CITY OF WILMINGTON
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 Signed: *Rich Christensen*



No.	Revision	Date	By

Designer	MNH	Scale	AS SHOWN
Drawn By	MNH	Date	MAY, 2021
Checked By	MNH	Job No.	

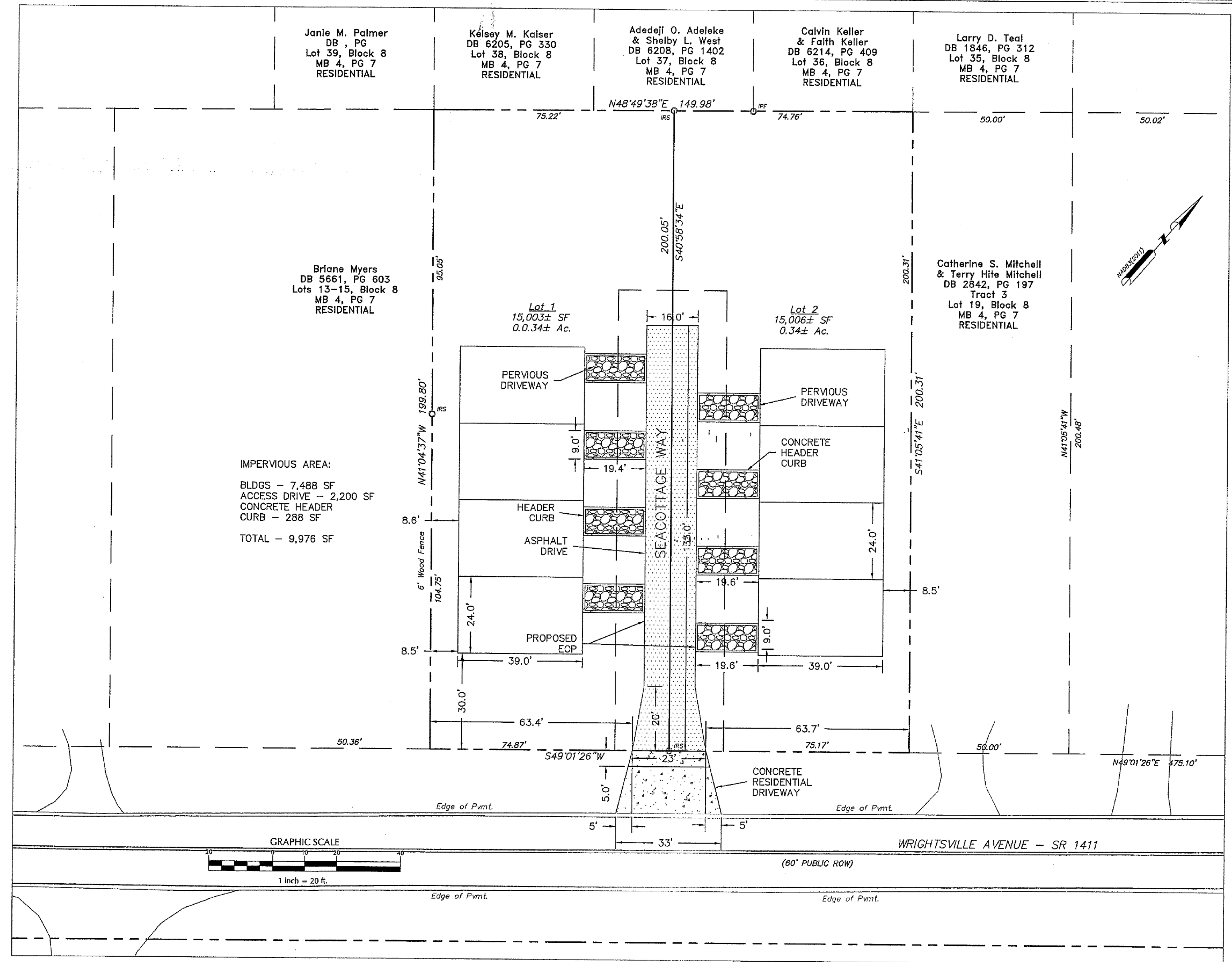
COTTAGES ON WRIGHTSVILLE
 WILMINGTON NORTH CAROLINA

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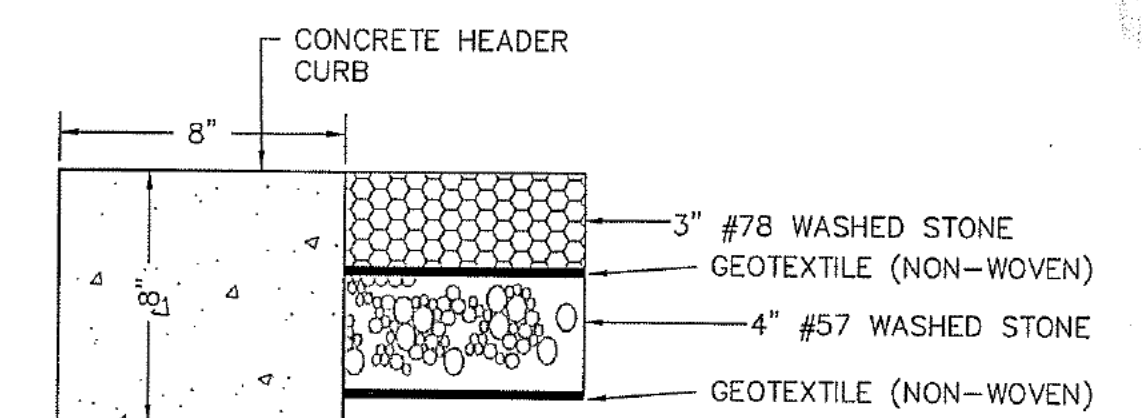
EXISTING CONDITIONS

Sheet No.
C-2



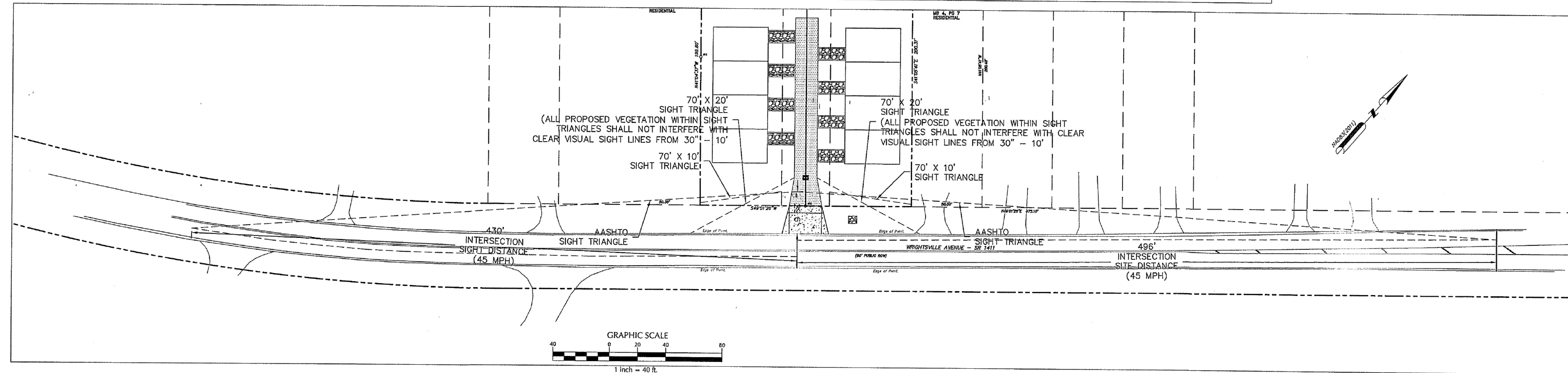
IMPERVIOUS AREA:
 BLDGS - 7,488 SF
 ACCESS DRIVE - 2,200 SF
 CONCRETE HEADER CURB - 288 SF
 TOTAL - 9,976 SF


- NOTE:
1. ADDITIONAL FIRE PROTECTION AND/OR ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.
 2. ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND NCDOT STANDARDS.
 3. ALL SIGNS AND PAVEMENT MARKINGS IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.
 4. ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.
 5. CONTACT 811 PRIOR TO CONTACTING CITY OF WILMINGTON, TRAFFIC ENGINEERING REGARDING THE UTILITIES IN ROW.
 6. CONTACT TRAFFIC ENGINEERING AT (910) 341-7888 TO DISCUSS STREET LIGHTING OPTIONS.



NOTE: CONTRACTION JOINTS SHALL BE SPACED 15 FT AND EXPANSION JOINTS SHALL BE SPACED AT 50 FT AND WHERE CONCRETE PAVEMENT ABUTS ANY RIGID OBJECT

PERVIOUS PARKING DETAIL
 N.T.S.




 Public Services • Engineering Division
 APPROVED DRAINAGE PLAN
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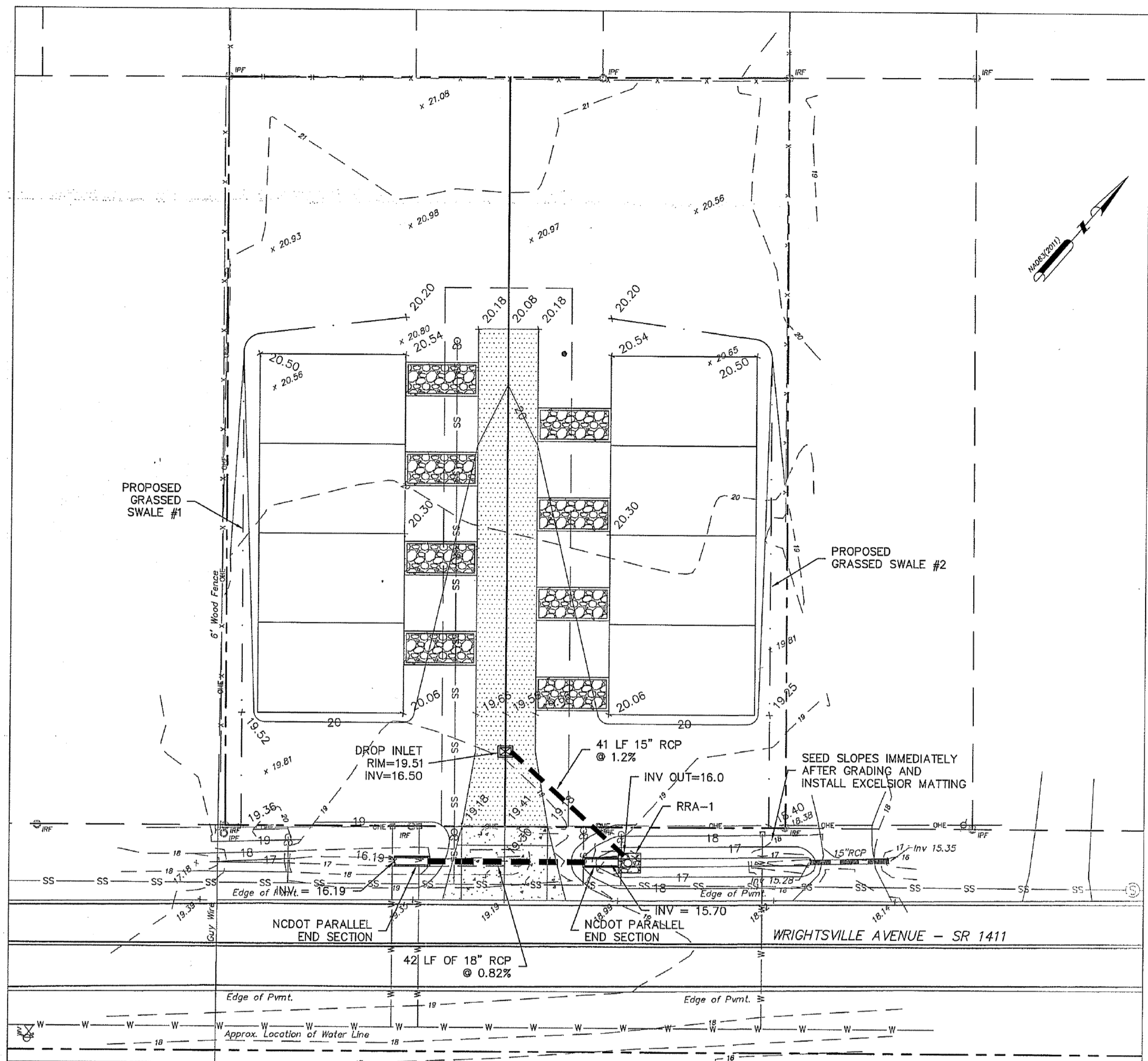
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 WILMINGTON NORTH CAROLINA

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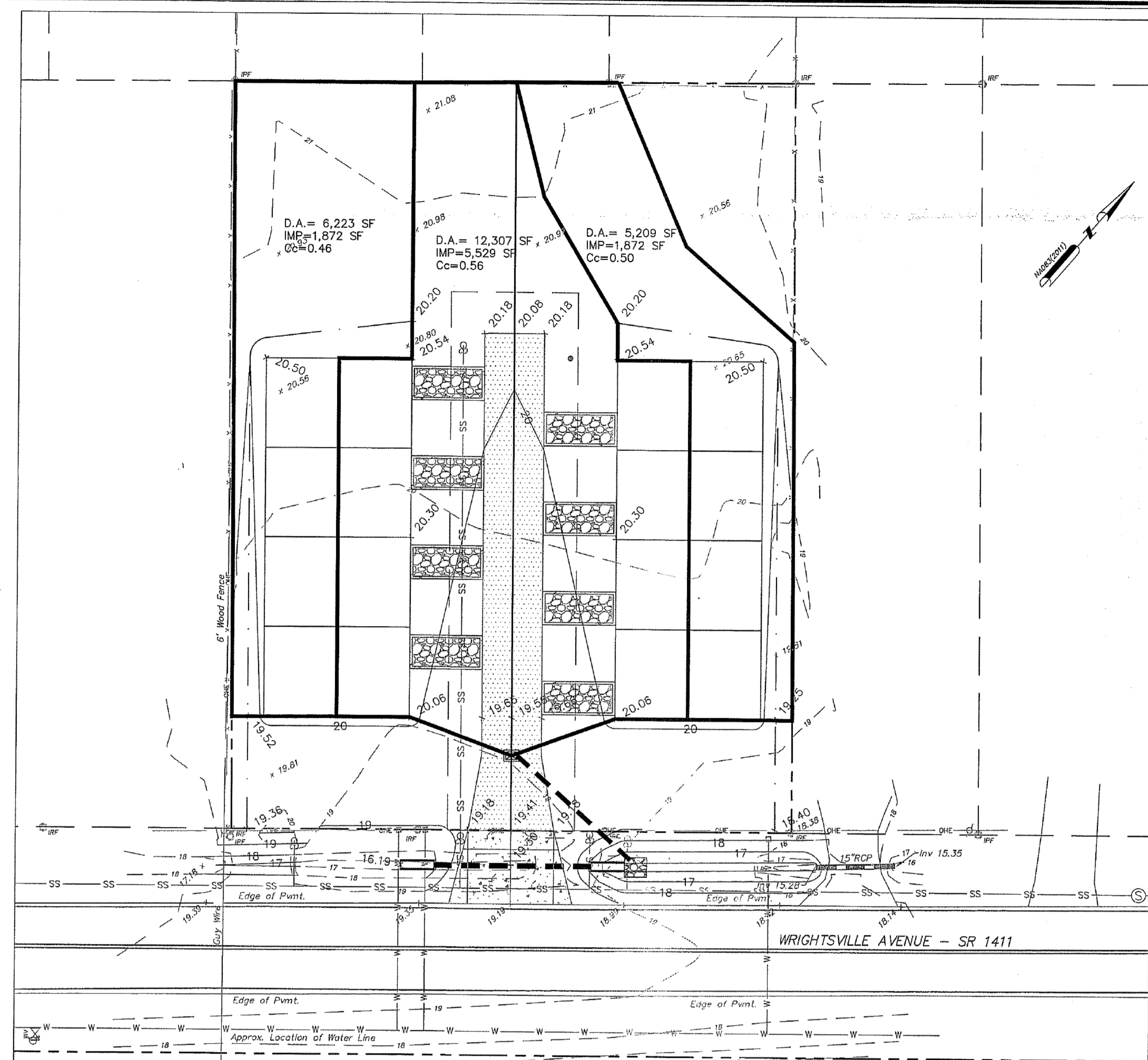
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LOT LAYOUT PLAN

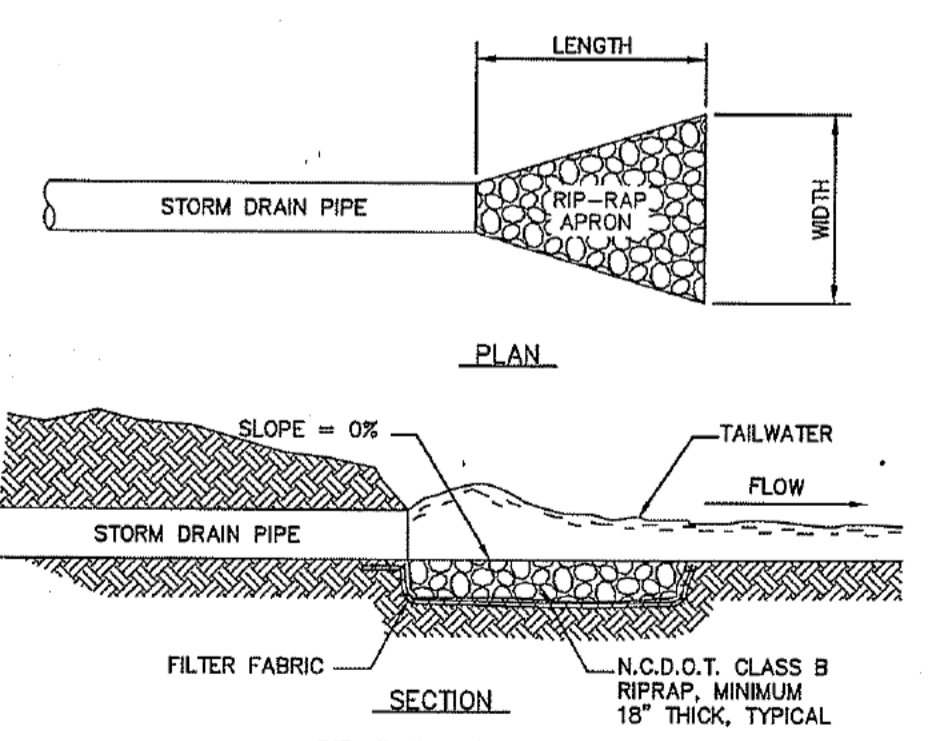
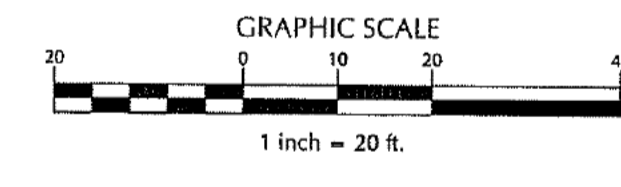
Sheet No.
C-3



GRADING PLAN



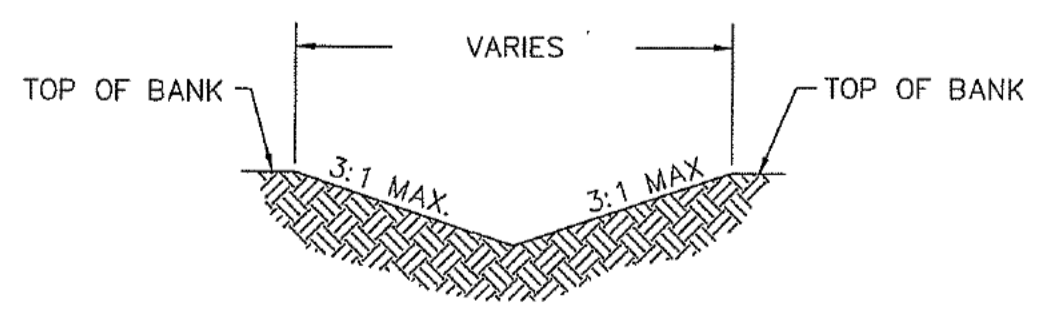
DRAINAGE AREA PLAN



RIP-RAP SCHEDULE

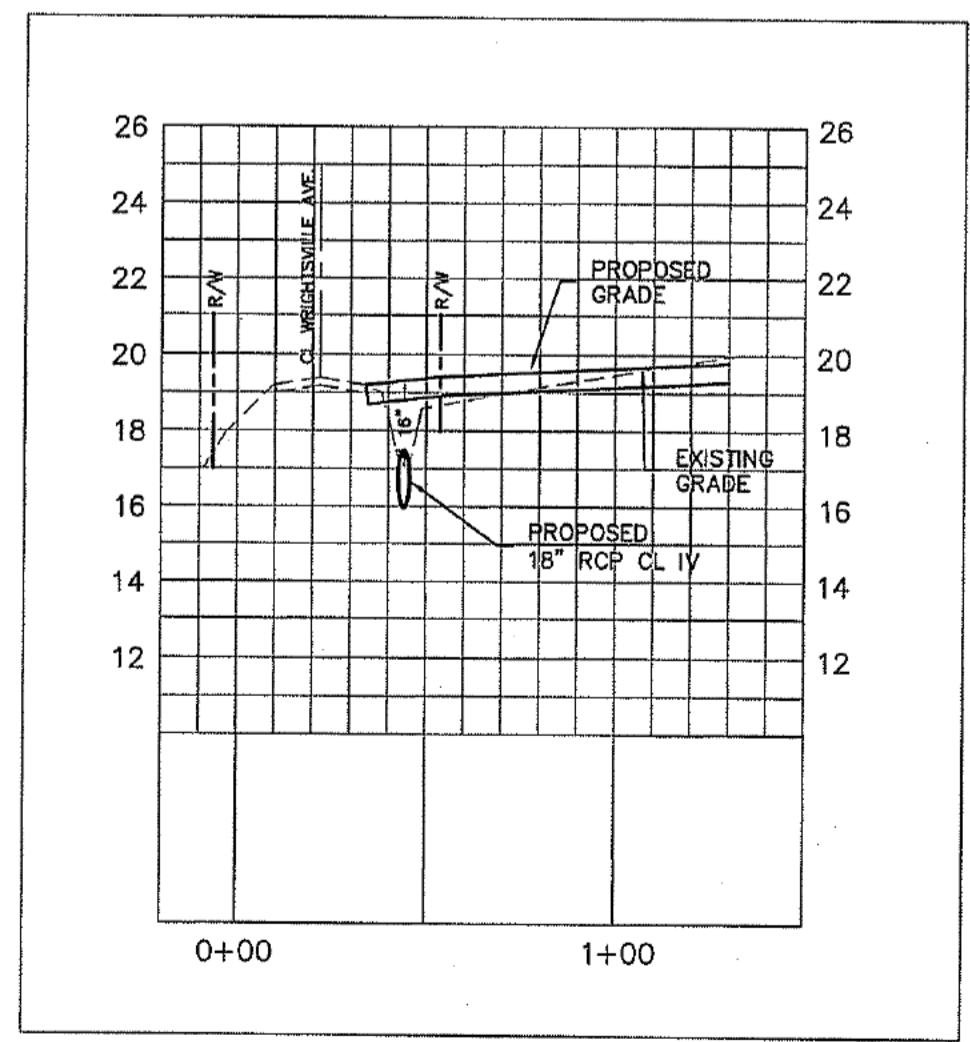
PIPE DIA. (IN.)	LENGTH (FT.)	UPSTREAM WIDTH (FT.)	DOWNSTREAM WIDTH (FT.)
RRA-1	18	6	4.5

RIP-RAP APRON
N.T.S.



SWALE CROSS SECTION DETAIL
N.T.S.

CITY OF WILMINGTON
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PROFILE
1"=50' (HORZ.)
1"=5' (VERT.)

No.	Revision	Date	By	Designer	Scale
				MNH	AS SHOWN
				MNH	Date MAY, 2021
				MNH	Job No.

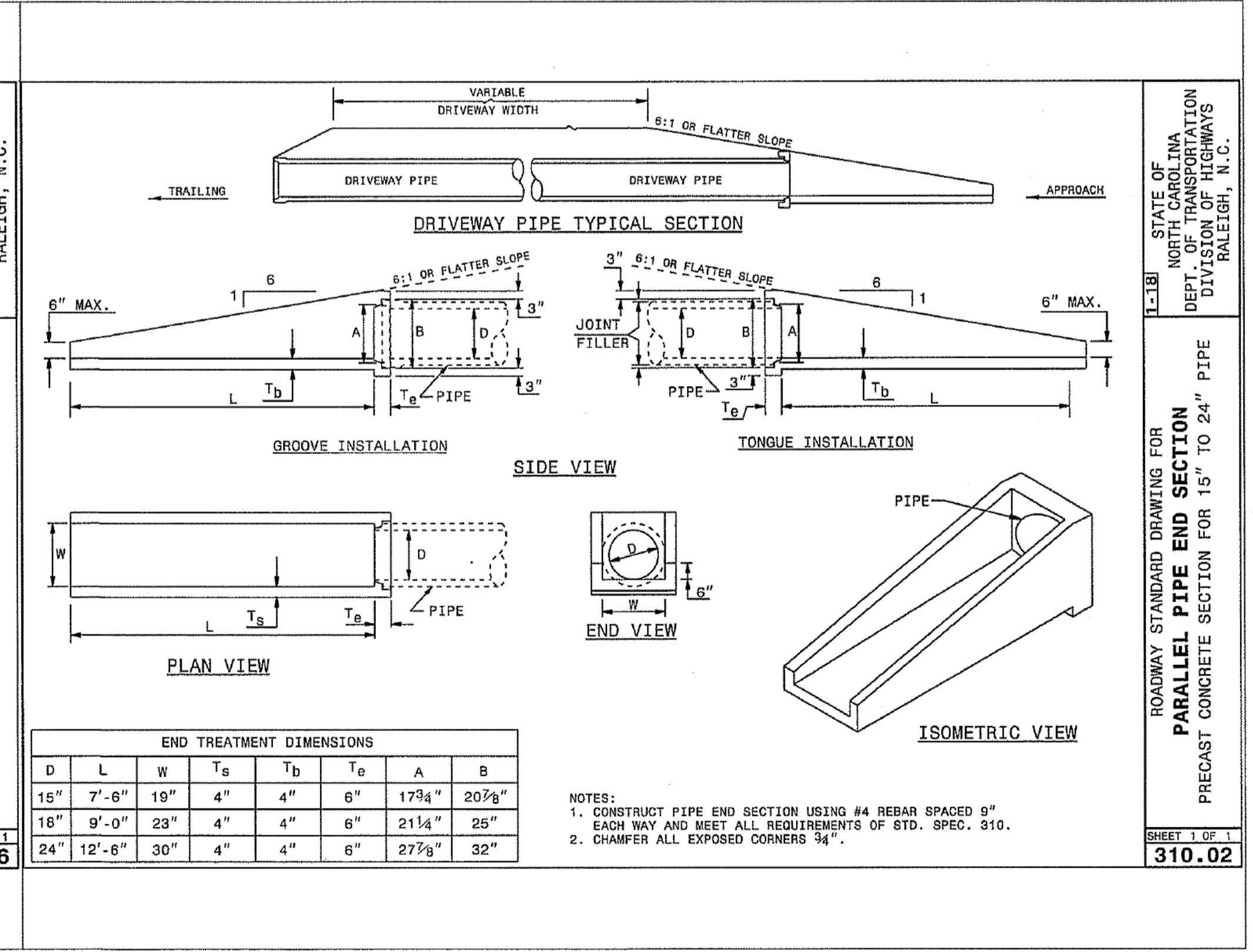
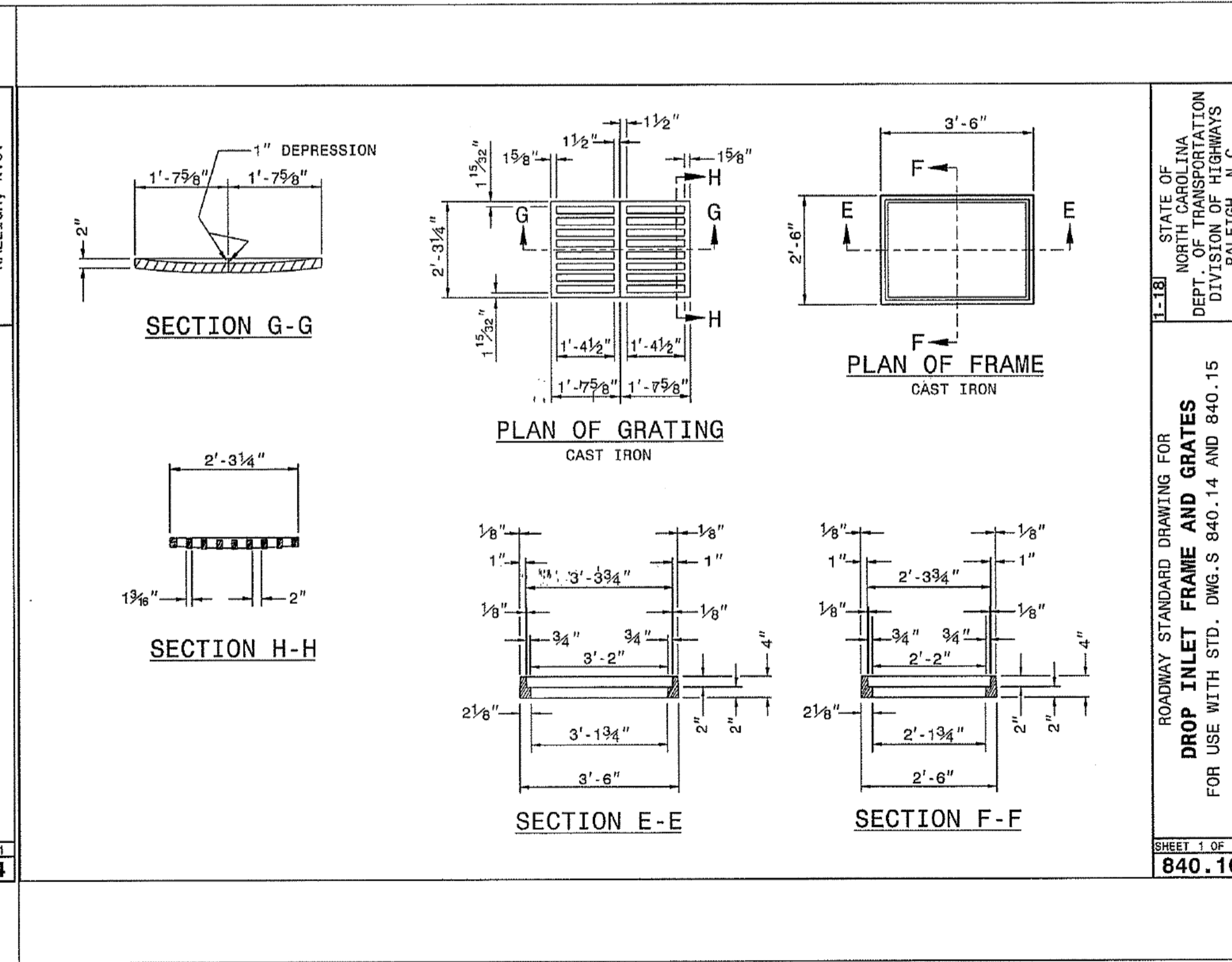
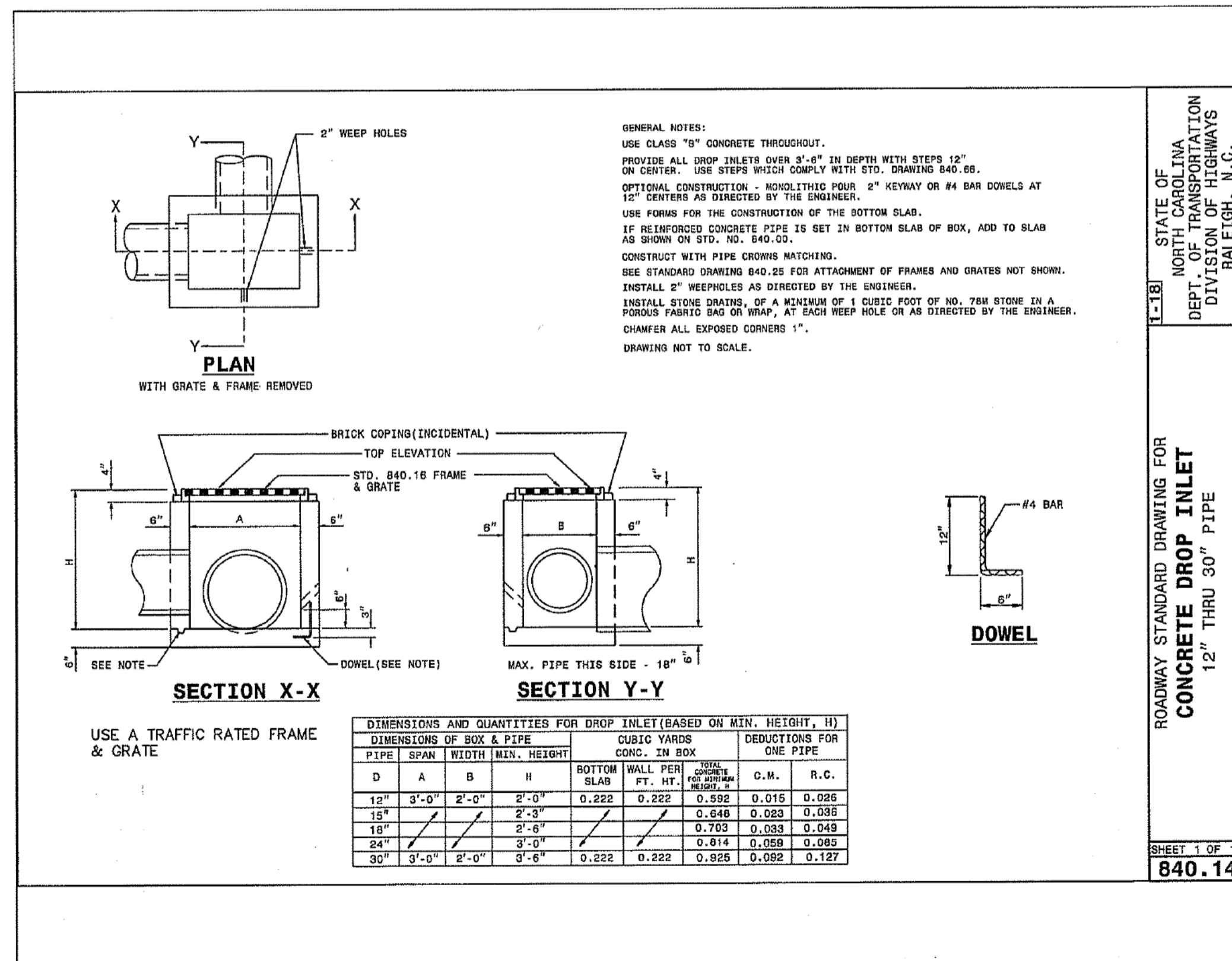
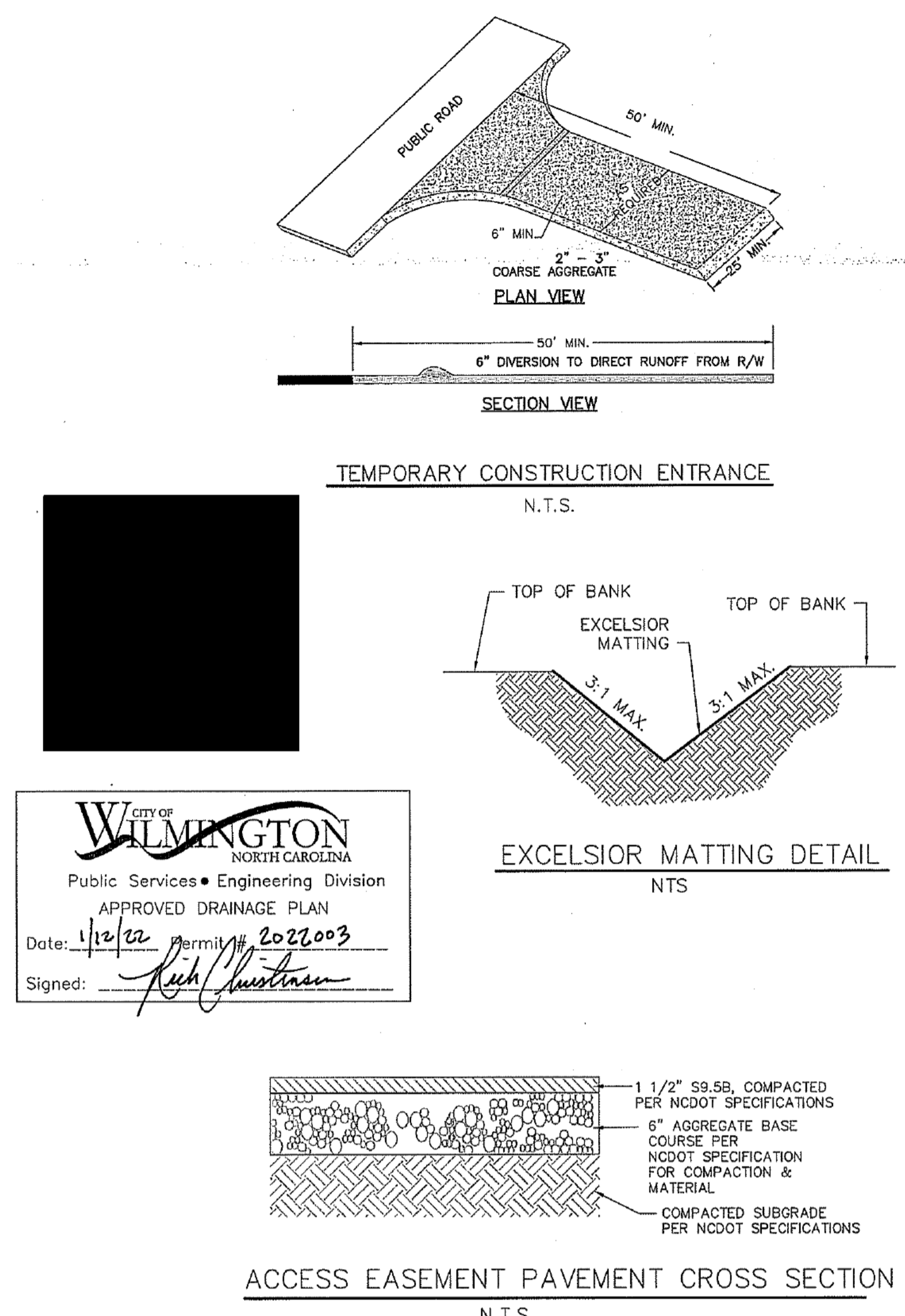
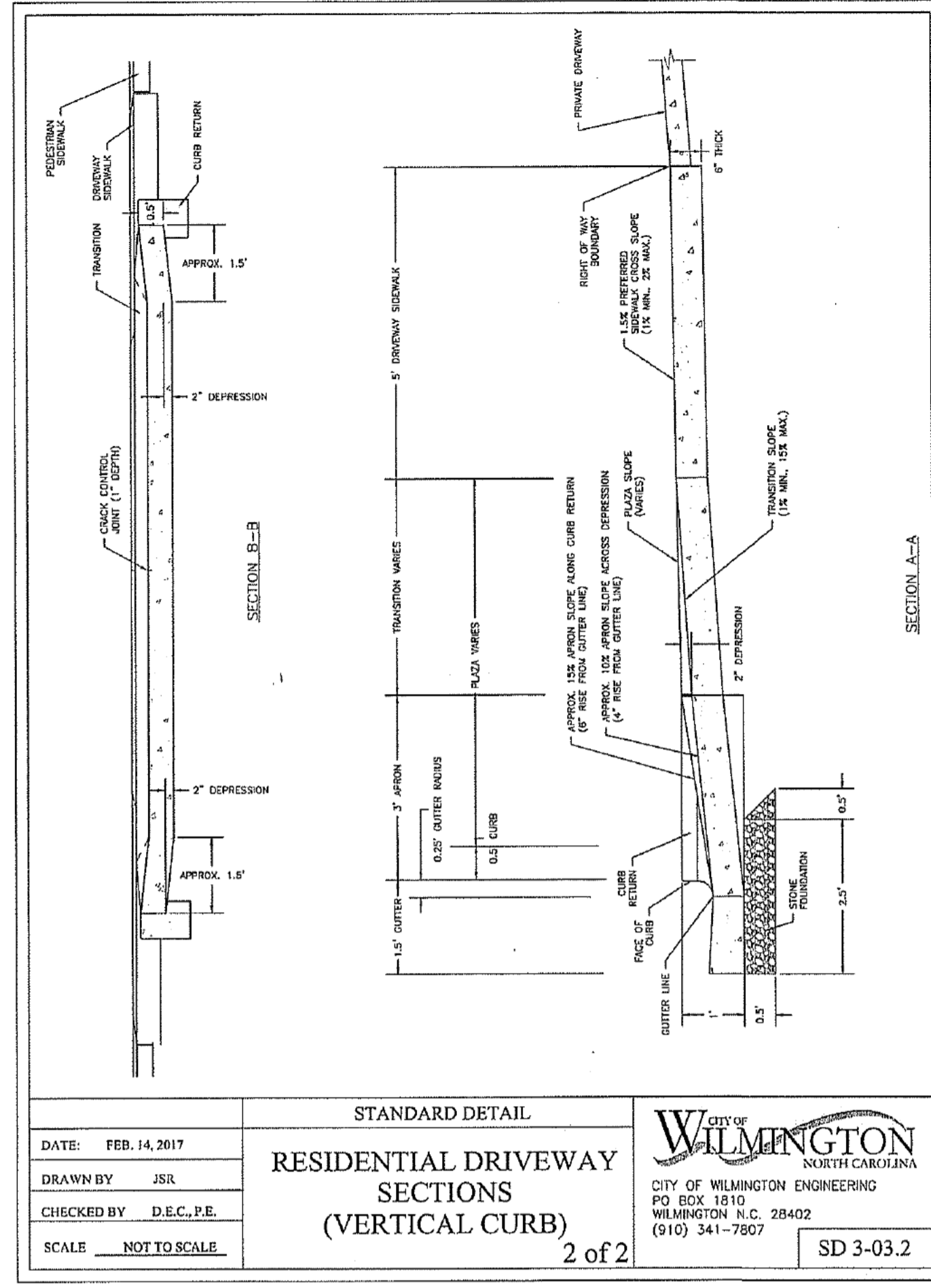
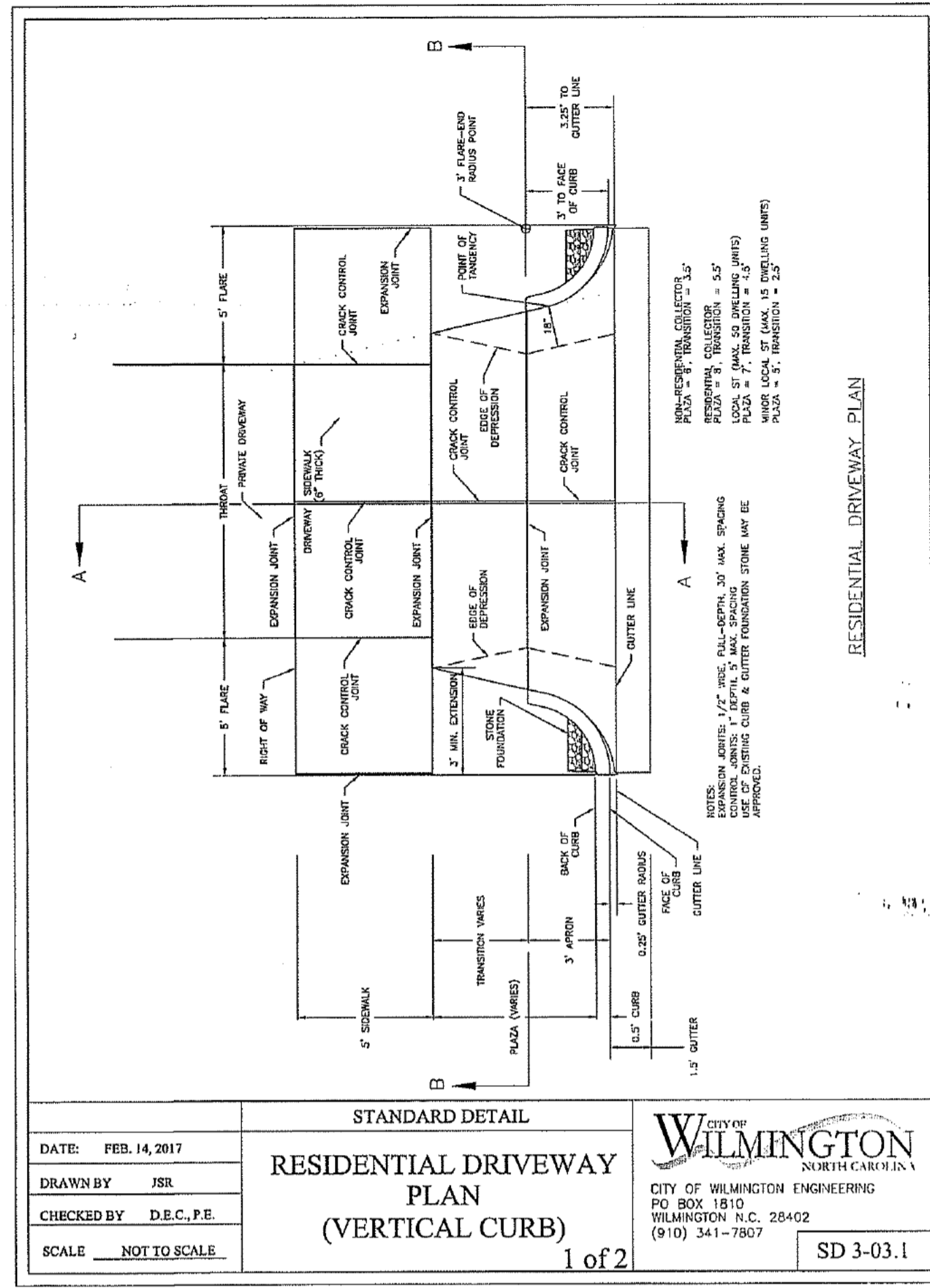
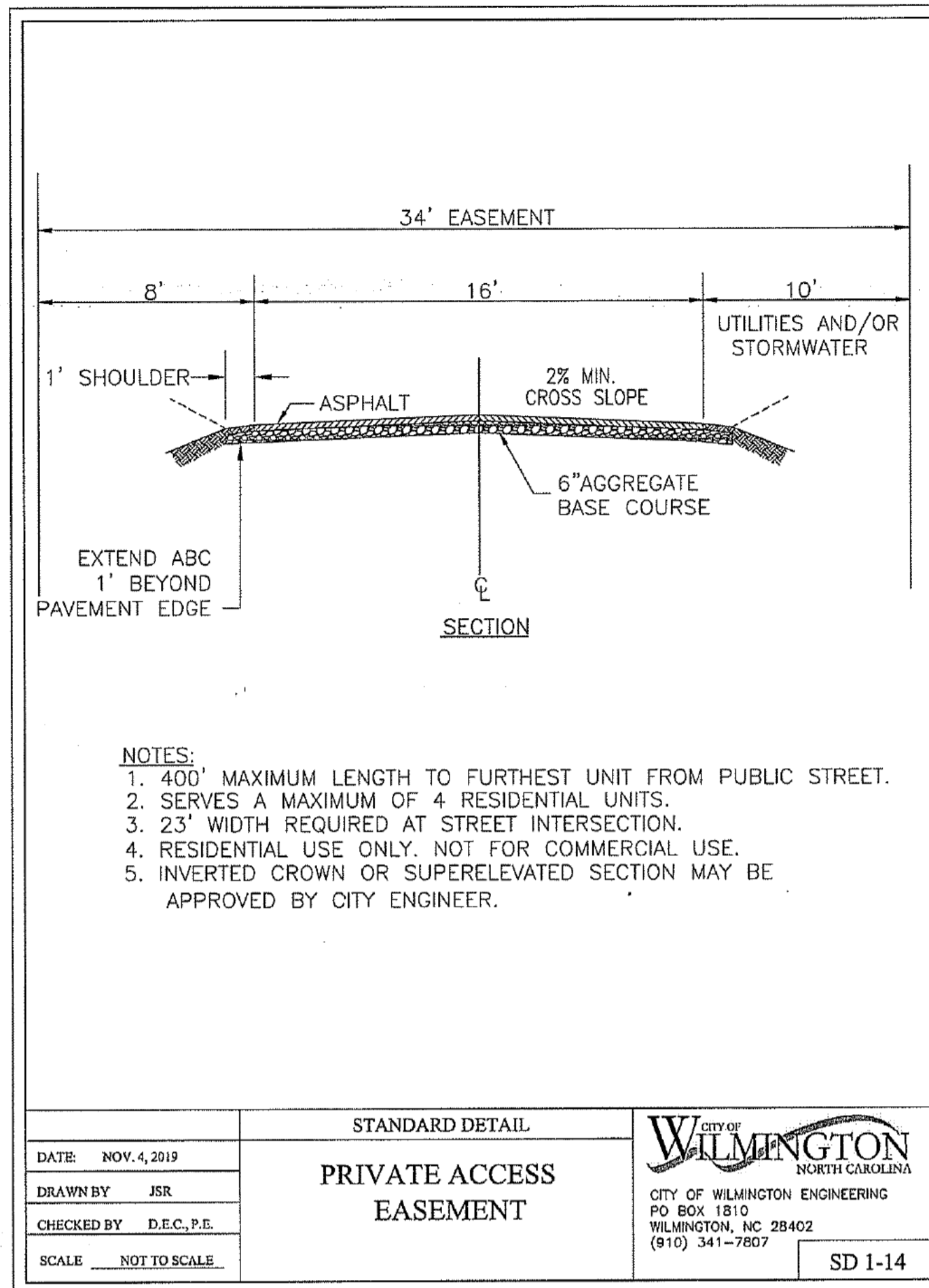
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GRADING & DRAINAGE PLAN

Sheet No.
C-5



No.	Revision	Date	By	Designer	Scale
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				MNH	MAY, 2021
				MNH	Job No.

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MISCELLANEOUS DETAILS

Sheet No. C-6.0