

**SCHWARTZ
CENTER
RENOVATION
& ADDITION**

**CAPE FEAR
COMMUNITY
COLLEGE**

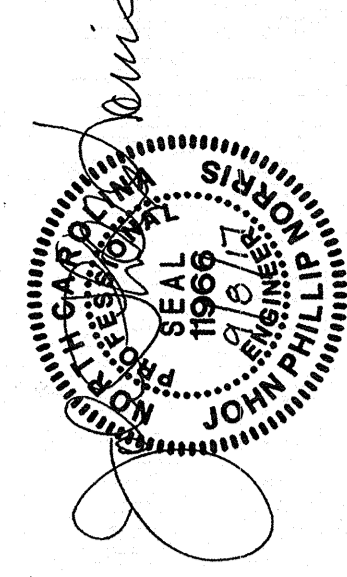
**CONSTRUCTION
DOCUMENTS
BID SET**

DEPT. OF COMMUNITY COLLEGES
SCHWARTZ CENTER
RENOVATION & ADDITION
STATE ID # 16-14200-01A
NCCCS # 2102

LSP

LSP ASSOCIATES LTD.
101 NORTH THIRD STREET SUITE 500
WILMINGTON, NORTH CAROLINA 28401
TEL. 910.790.5111
WWW.LSP.COM

NORRIS & TUNSTALL
CONSULTING ENGINEERS P.C.
1400 HARRIS BLVD. SUITE 200
FARMERSVILLE, NC 28534
919.753.1100



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REVISIONS

PROJECT: 7202-15550
DATE: 09/05/2017
DRAWN BY: EDB
CHECKED BY: JPN

**EXISTING
CONDITIONS
/ SITE
INVENTORY**

C-100

SOLUTIONS THROUGH LISTENING

SITE INVENTORY DATA

PLAN PREPARED:	LSP & NORRIS & TUNSTALL CONSULTING ENGINEERS
APPLICANT NAME:	J. PHILIP NORRIS, P.E.
SITE ADDRESS:	610 NORTH FRONT STREET
PROJECT OWNER:	CAPE FEAR COMMUNITY COLLEGE
PROJECT NUMBER:	7202-15550
PARCEL #:	804716-007-001-000
ZONING:	CSB
ADJACENT PROPERTY OWNER:	CAPE FEAR COMMUNITY COLLEGE - CSB
VEHICLE MAKE:	SEE PLAN
TOPOGRAPHIC DATA:	SEE PLAN
100 YR FLOOD ELEVATION:	N/A
LOCATION OF WALK FEATURES:	N/A
DATA DATE:	N/A
DATA CLASSIFICATION:	URBAN
CONSERVATION RESOURCES:	N/A
RECORDED SITE:	NO RECOGNITION
CEMETERIES:	N/A
FORESTED AREAS:	N/A
WETLANDS:	N/A
PREFABRICATED SPEEDS:	N/A
TRANSFORMATION DATA:	SEE PLAN

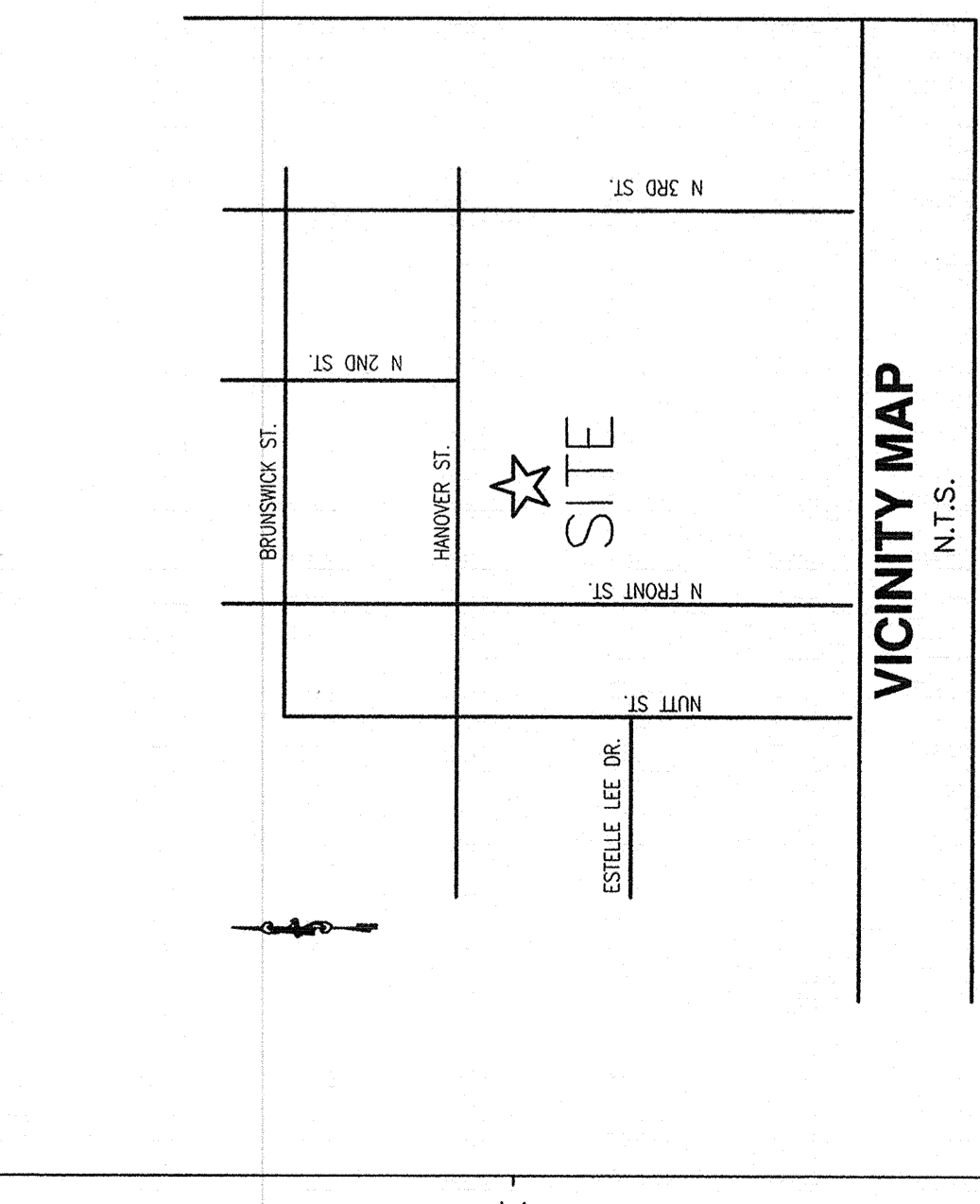
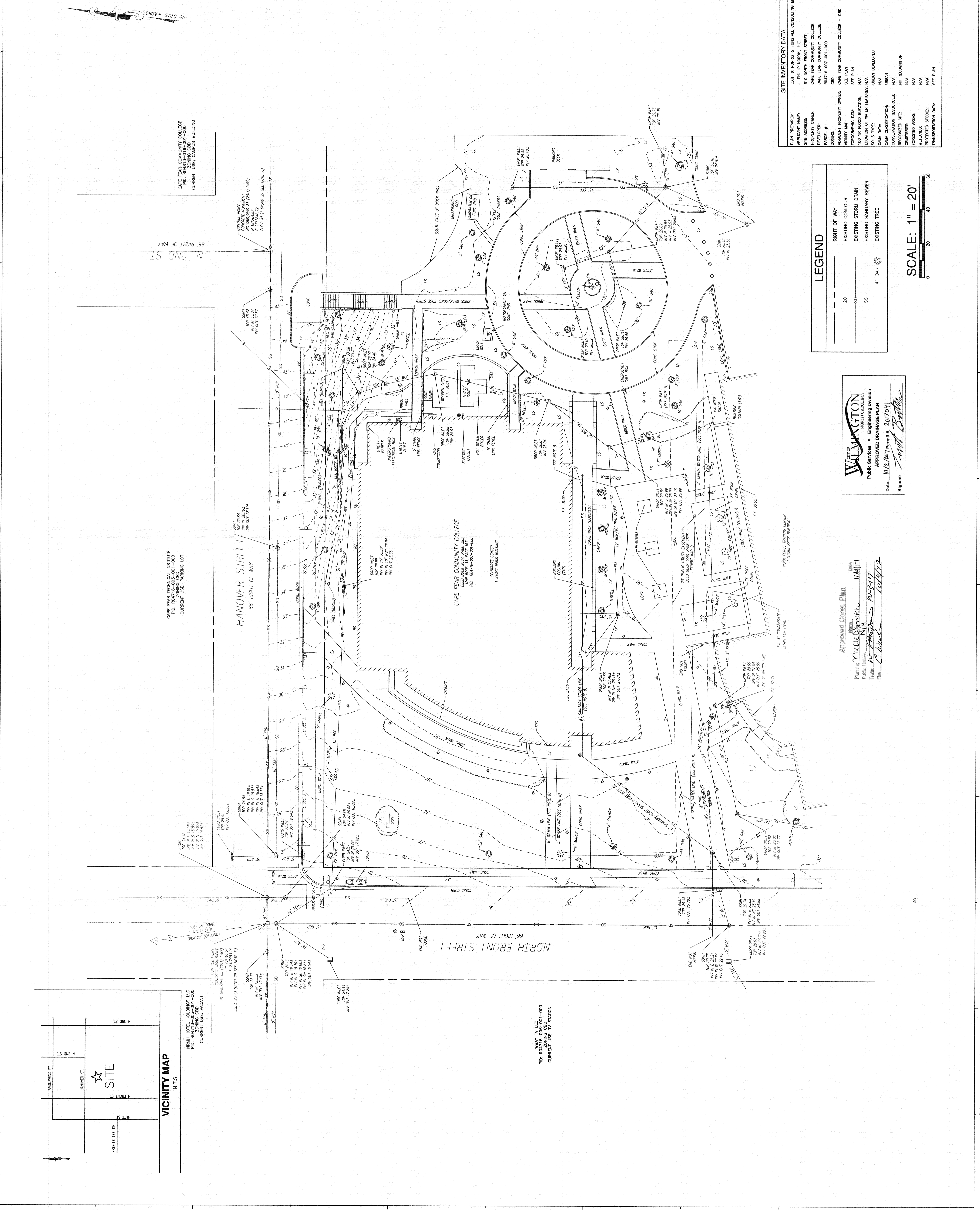
LEGEND

---	RIGHT OF WAY
---	EXISTING CONTOUR
---	EXISTING STORM DRAIN
---	EXISTING SANITARY SEWER
○	EXISTING TREE

SCALE: 1" = 20'

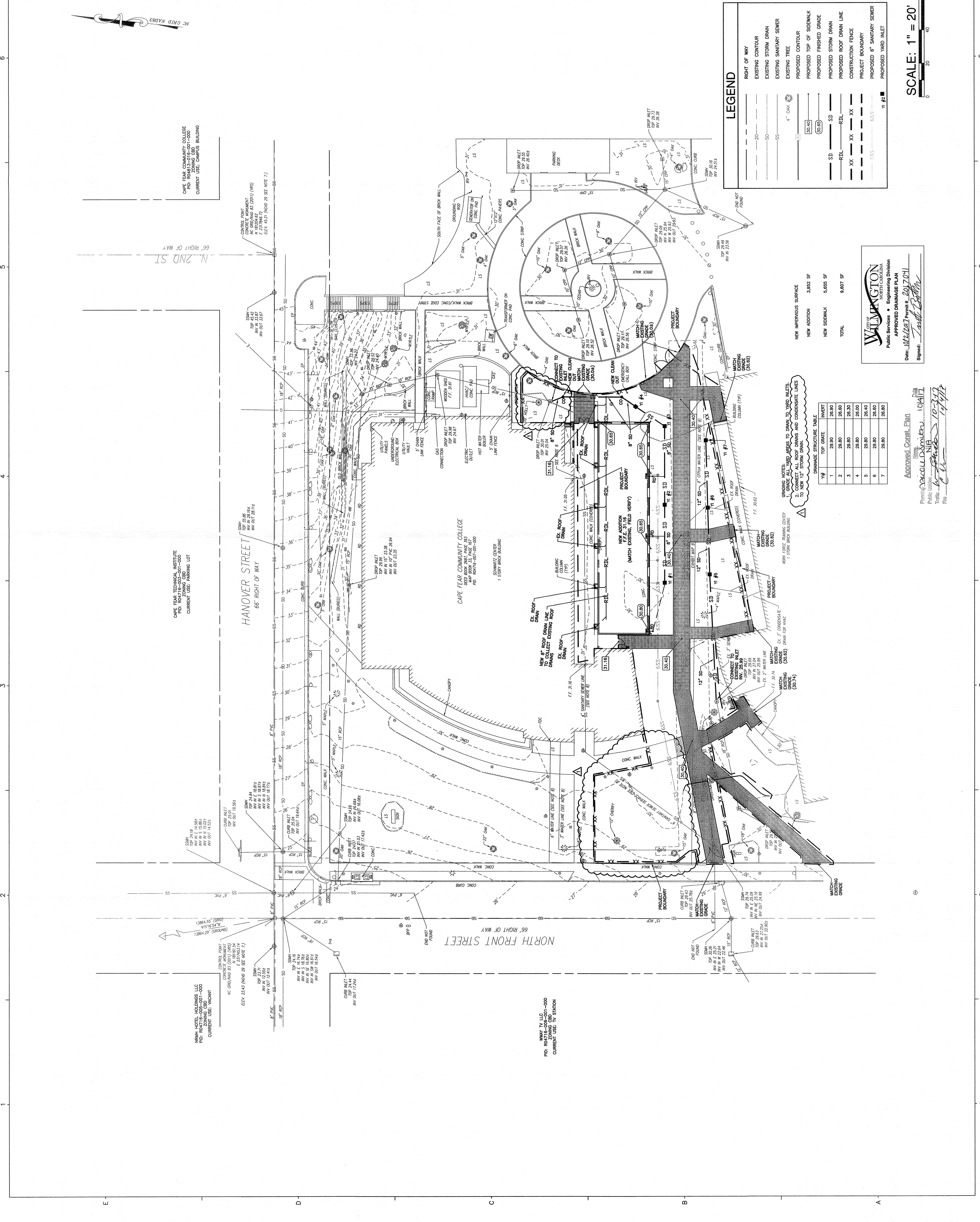
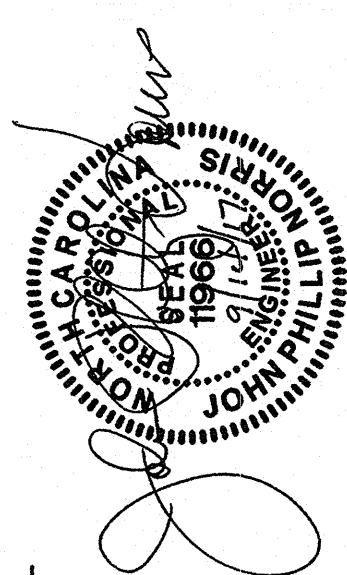
CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED DRAINAGE PLAN
Date: 10/2/2017 Permit # 2017041
Signed: *Michelle D. Smith*

Approved Council Plan
Plan: 104117
Title: *N. Front St*
Date: *10/2/17*
By: *C. Williams*



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LEGEND

RIGHT OF WAY	
---	EXISTING CONTOUR
---	EXISTING STORM DRAIN
---	EXISTING SANITARY SEWER
---	EXISTING TREE
---	PROPOSED CONTOUR
---	PROPOSED TOP OF SIDEWALK
---	PROPOSED FINISHED GRADE
---	PROPOSED STORM DRAIN
---	PROPOSED ROOF DRAIN LINE
---	CONSTRUCTION FENCE
---	PROJECT BOUNDARY
---	PROPOSED 6" SANITARY SEWER
---	PROPOSED 18" SANITARY SEWER

NEW IMPERVIOUS SURFACE	3,882 SF
NEW ADDITION	5,655 SF
NEW SIDEWALK	9,407 SF
TOTAL	18,944 SF

WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED DRAINAGE PLAN
Date: 10/2/2017 Permit # 2017-011
Signed: *Scott Butler*

DRAINAGE STRUCTURE TABLE

NO.	TYPE	TOP RATE	INVERT
1	1	28.90	28.90
2	2	29.80	28.60
3	3	29.80	28.30
4	4	29.80	28.00
5	5	29.80	26.40
6	6	29.80	26.60
7	7	29.80	26.80

GRADING NOTES:
1. GRADE ALL YARD AREAS TO DRAIN TO YARD INLETS.
2. CONNECT ALL ROOF DRAINS AND CONDUIT LINES TO NEW 12" STORM DRAIN.

SCALE: 1" = 20'
0 20 40 60

Approved Contract Plan
Planning: *Carol K. Miller*
Public Use: *John A. Miller*
Title: *10-237*
Date: *10/2/17*
Fig. *10-237*

6

5

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E D C B A

**SCHWARTZ
CENTER
RENOVATION
& ADDITION**

**CAPE FEAR
COMMUNITY
COLLEGE**

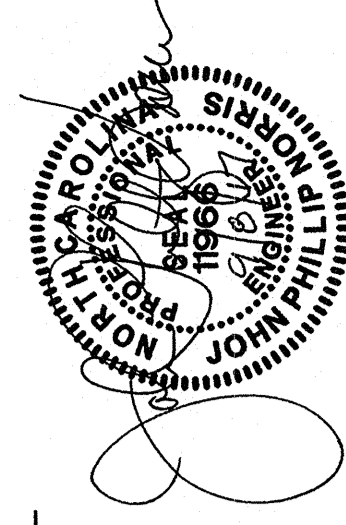
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DOCUMENTS
BID SET**

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WILMINGTON, NORTH CAROLINA 28401
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WWW.LSP.COM

NORRIS & TUNSTALL
ARCHITECTS
1000 MARKET STREET SUITE 200
WILMINGTON, NORTH CAROLINA 28401
TEL. 910.790.9691 FAX 910.790.3111
WWW.NORRISANDTUNSTALL.COM



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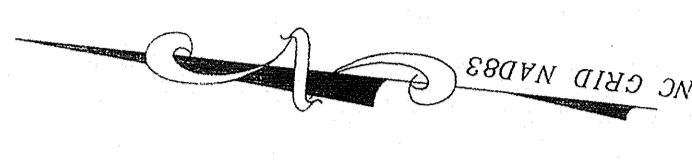
REVISIONS:

PROJECT: 7202-15060
DATE: 09/09/2017
DRAWN BY: EDB
CHECKED BY: JPN

UTILITY
PLAN

C-104

SOLUTIONS THROUGH LISTENING



CAPE FEAR COMMUNITY COLLEGE
PID: R04313-00-001-000
CURRENT USE: CAMPUS BUILDING

N 2ND ST
66' RIGHT OF WAY

CAPE FEAR TECHNICAL INSTITUTE
PID: R04313-00-001-000
CURRENT USE: PARKING LOT

HANOVER STREET
66' RIGHT OF WAY

CAPE FEAR COMMUNITY COLLEGE
DEPT. OF COMMUNITY COLLEGES
PID: R04313-00-001-000
CURRENT USE: TV STATION

WAY TV LLC
PID: R04313-00-001-000
CURRENT USE: TV STATION

LEGEND

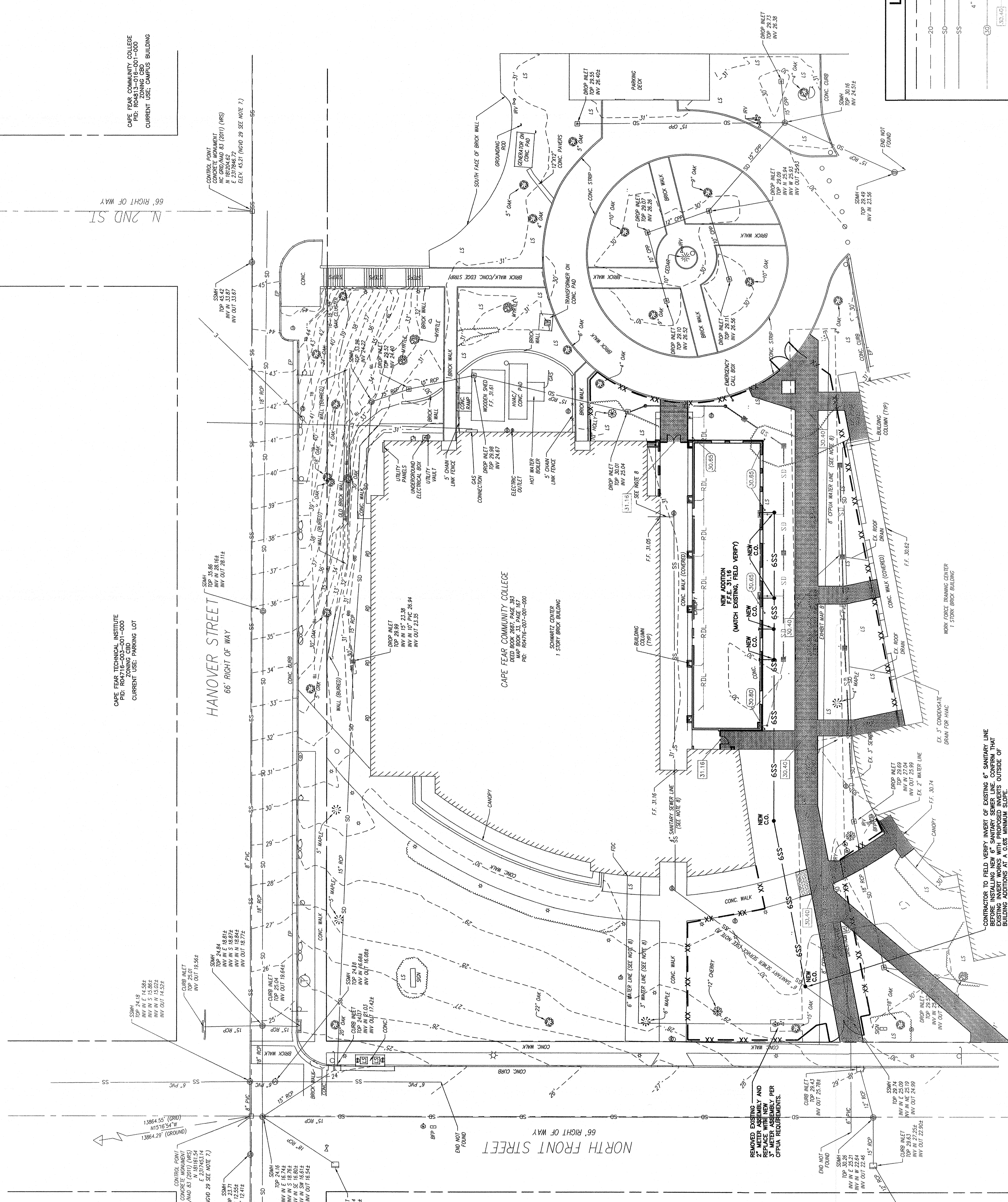
---	RIGHT OF WAY
---	EXISTING CONTOUR
---	EXISTING STORM DRAIN
---	EXISTING SANITARY SEWER
---	EXISTING TREE
---	PROPOSED CONTOUR
---	PROPOSED TOP OF SIDEWALK
---	PROPOSED FINISHED GRADE
---	PROPOSED STORM DRAIN
---	PROPOSED ROOF DRAIN LINE
---	CONSTRUCTION FENCE
---	PROPOSED 6" SANITARY SEWER

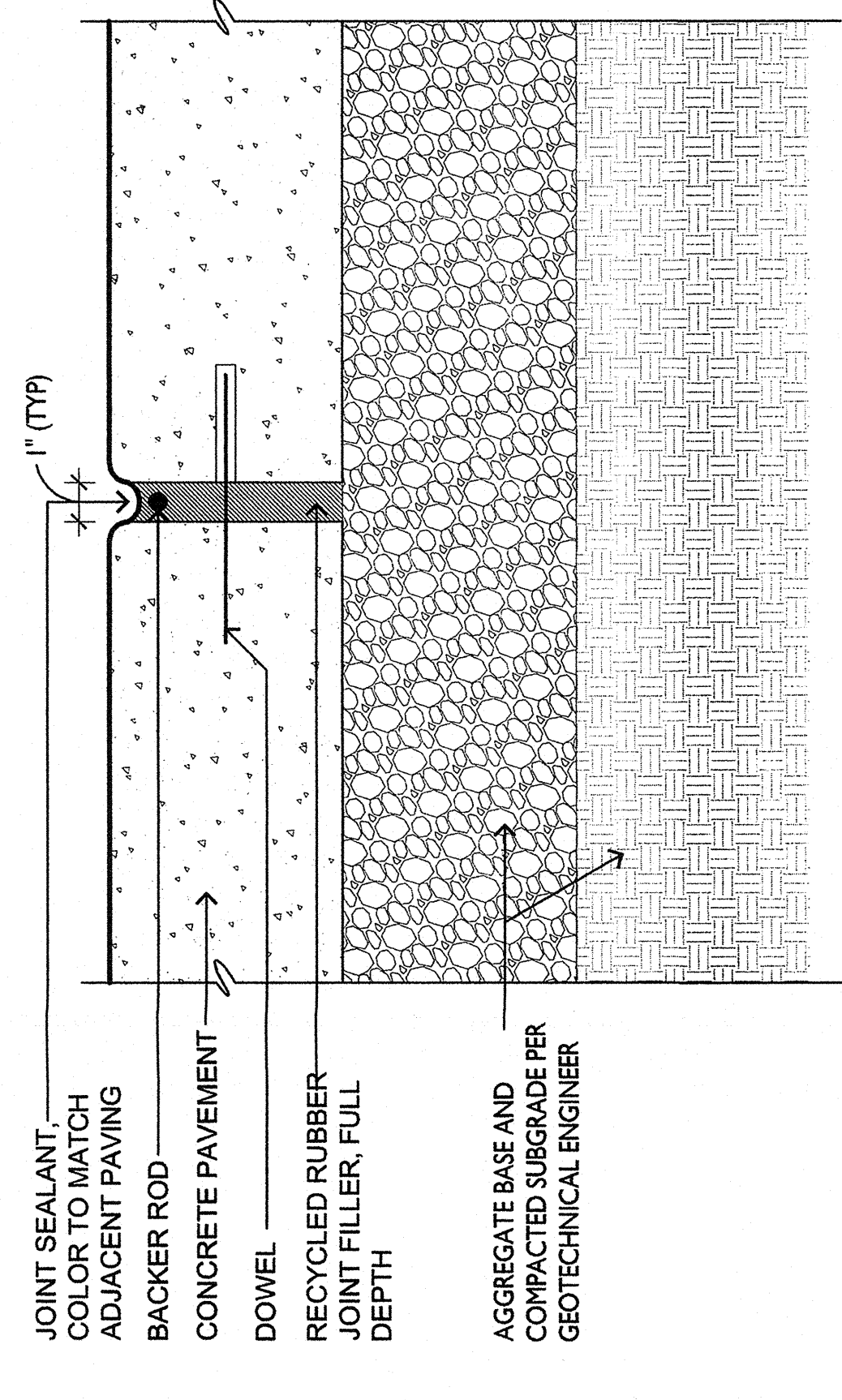
SCALE: 1" = 20'
0 20 40 60

WILMINGTON
Public Services • Engineering Division
APPROVED DRAINAGE PLAN
Date: 10/12/2017 Permit # 20170411
Signed: *Jeff Ball*

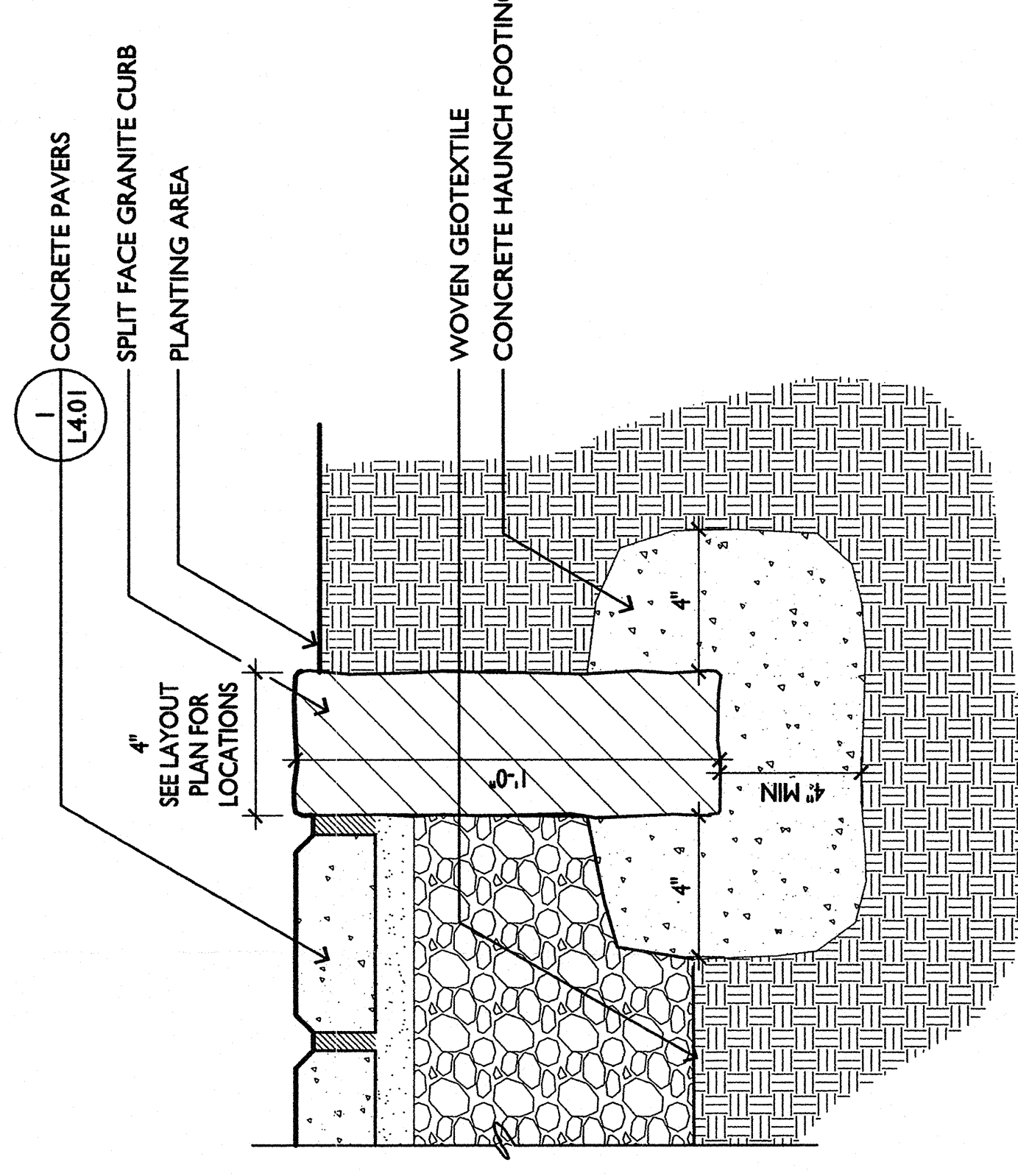
Approved Consultant
Name: *Jeff Ball*
Title: *PE*
Date: *10/12/17*
File: *10-3-17*
10/14/17

CONTRACTOR TO FIELD VERIFY INVERT OF EXISTING 6" SANITARY LINE BEFORE INSTALLING NEW 6" SANITARY SEWER LINE. CONFIRM THAT BUILDING ADDITIONS AT A 0.5% MINIMUM SLOPE.

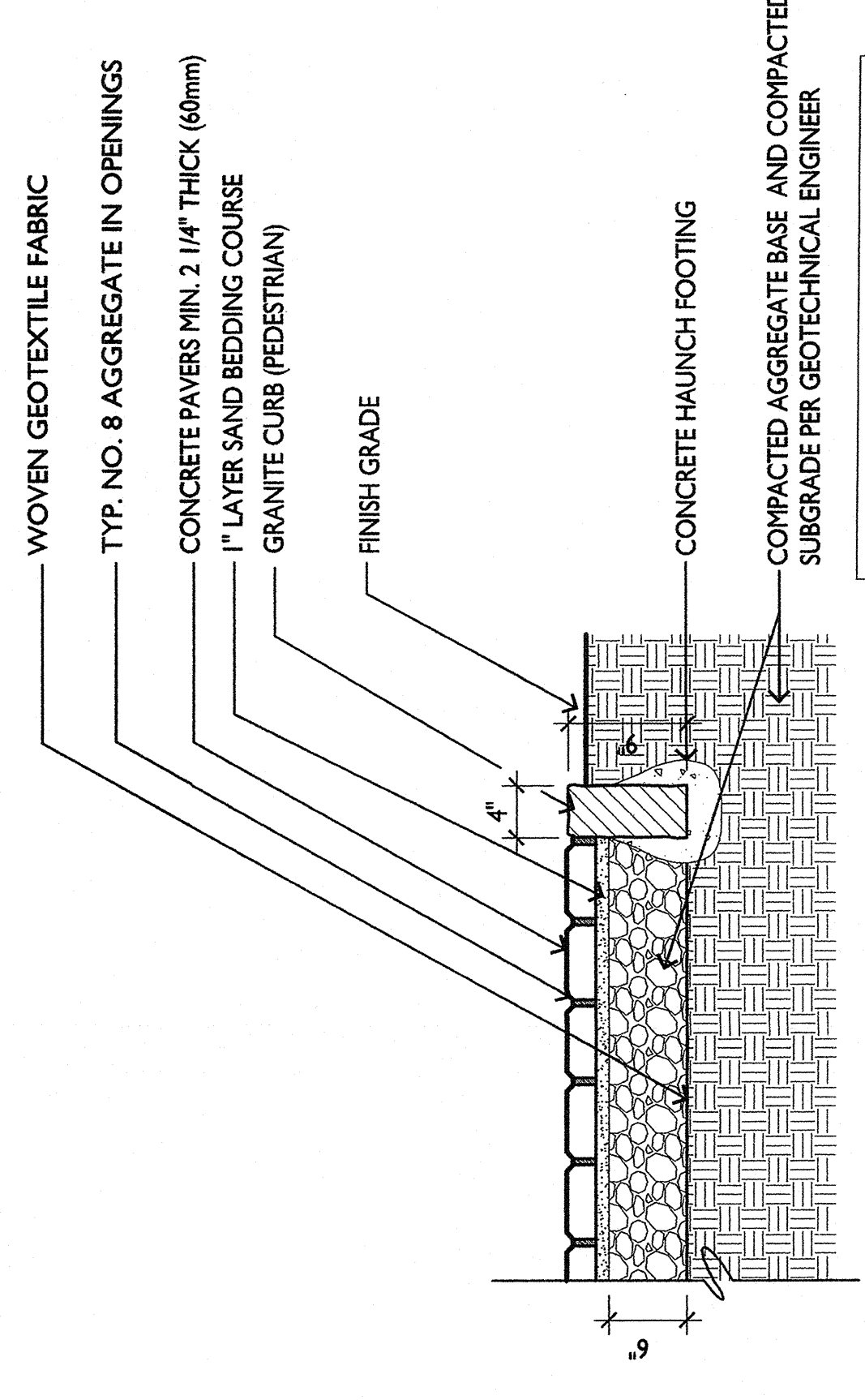




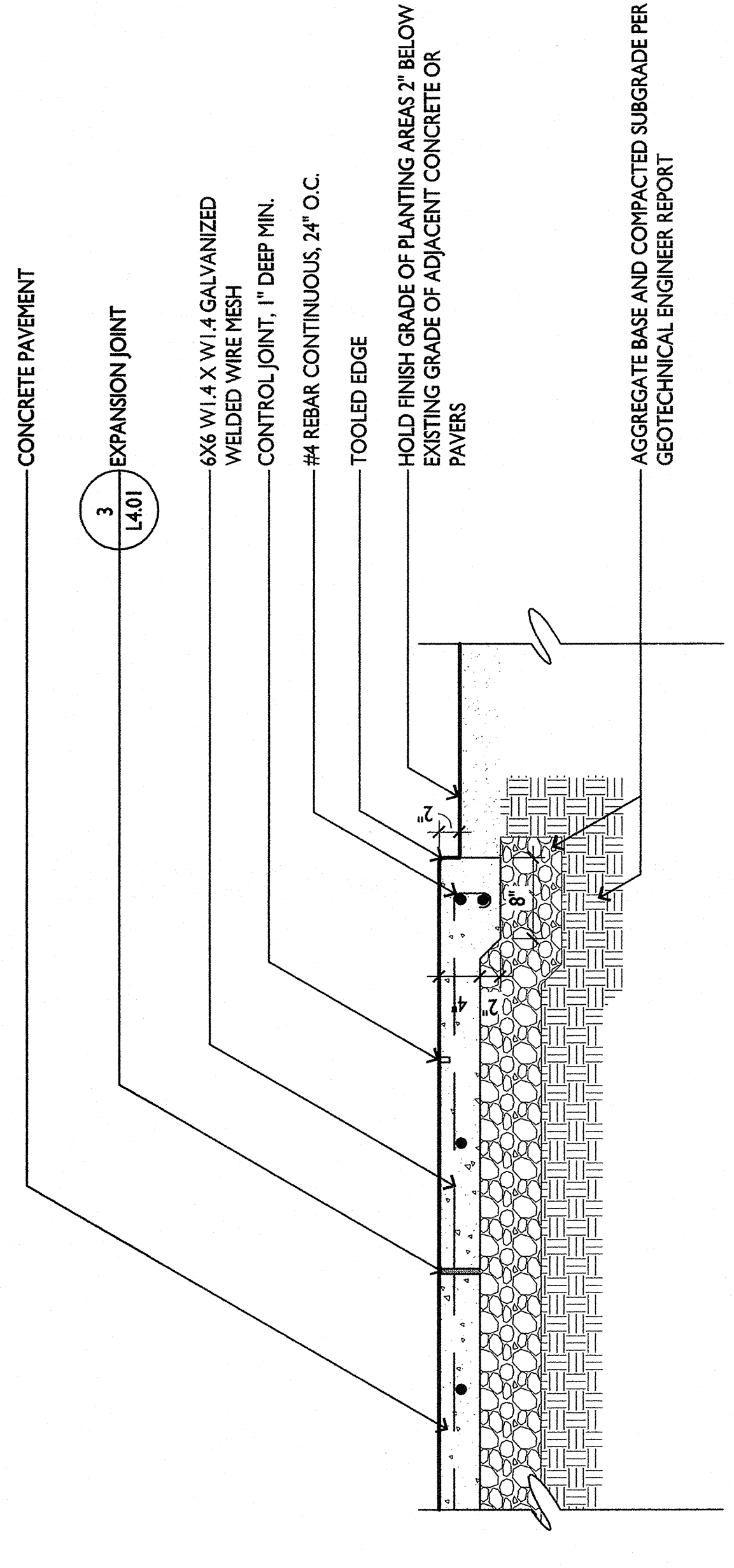
3 EXPANSION JOINT SCALE: 1" = 1'-0"



2 GRANITE CURB SCALE: 3/8" = 1'-0"



1 CONCRETE PAVERS SCALE: 1" = 1'-0"



4 CONCRETE PAVEMENT SCALE: 1" = 1'-0"

Approved Const. Plan

Date: 10/4/17

Public Utilities

10/3/17

10/9/17

Signature: *[Signature]*

WILMINGTON
Public Services • Engineering Division
APPROVED DRAINAGE PLAN

Approved Const. Plan

Date: 10/4/17

Public Utilities

10/3/17

10/9/17

Signature: *[Signature]*

WILMINGTON
Public Services • Engineering Division
APPROVED DRAINAGE PLAN