

2023-11-28 DRG,LLC ©

# PROJECT SUMMARY

HORIZONTAL DATUM : NAD 83

VERTICAL DATUM : NAVD 88

BENCHMARK : XX

NPDES PERMIT : XX

SCDHEC WATER PERMIT : XX

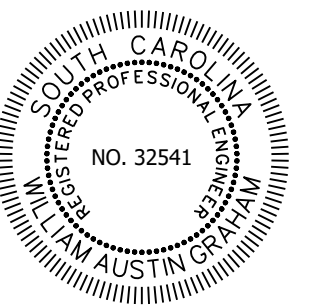
SCDHEC SEWER PERMIT : XX

# B&C Bldg. (BBB) Parking Complex; H17-N138-MJ FOR

## COASTAL CAROLINA UNIVERSITY



DEVELOPMENT RESOURCE GROUP, LLC  
4703 OLEANDER DRIVE  
MYRTLE BEACH, SC 29577  
843-839-3350 | DRGPLLC.COM



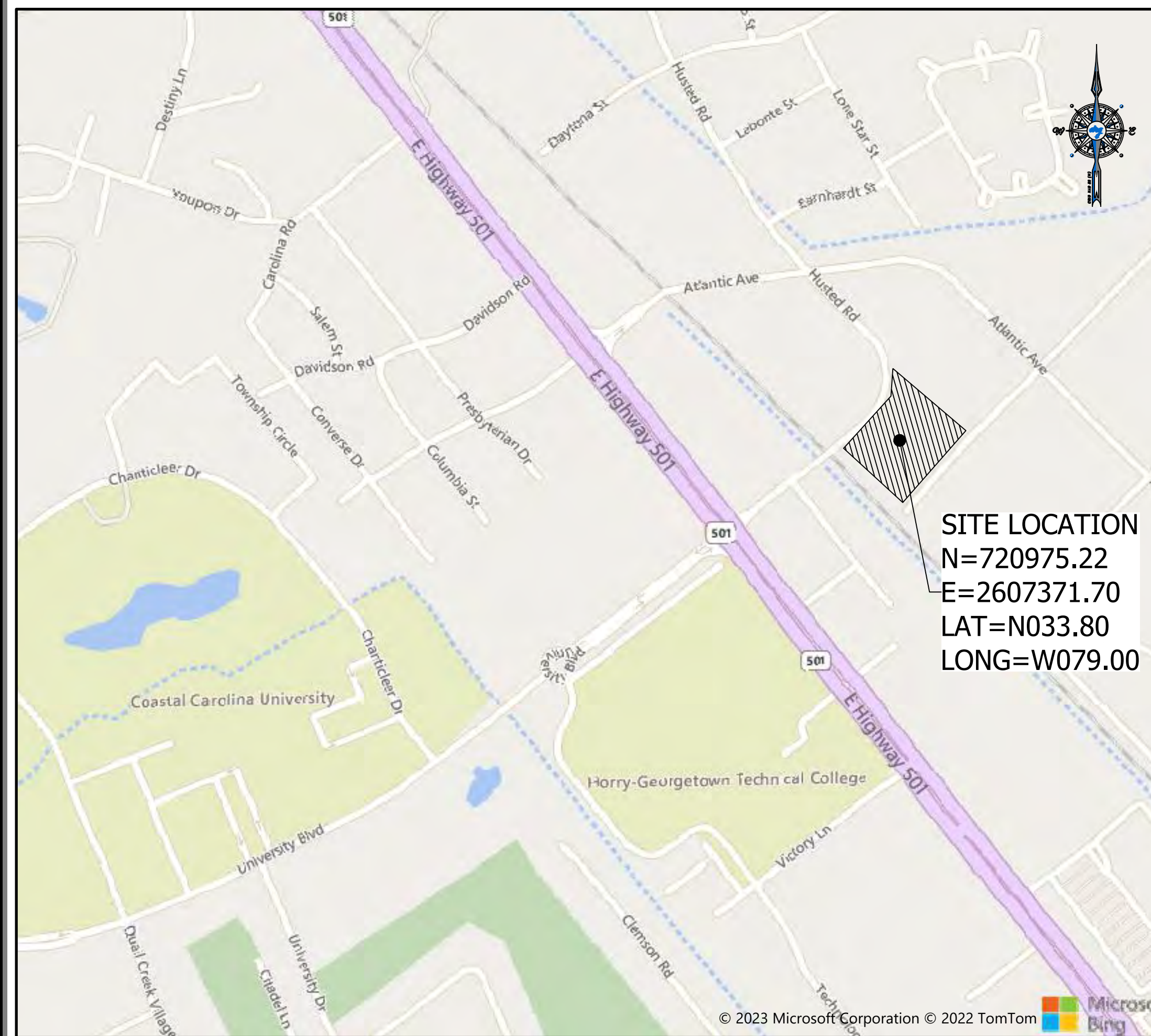
PARCEL PIN #: 383-00-00-0350

CURRENT ZONING : PUD  
PROPOSED LAND USE : PARKING  
TOTAL PROJECT AREA = 16.06 ACRES  
LAND DISTURBANCE AREA = 12.00 ACRES

PARKING PROVIDED : 396 STALLS  
STANDARD = 386 STALLS  
COMPACT = 0 STALLS (0% OF TOTAL)  
HANDICAPPED = 0 STALLS  
VAN ACCESSIBLE = 10 STALLS

WETLAND AREA = NONE  
POND AREA = 0.55 ACRES

SITE LOCATION  
HUSTED RD.  
HORRY COUNTY, SC



LOCATION MAP / VICINITY MAP  
SCALE 1" = 500'

SHEET	DESCRIPTION
C1.0	COVER
C2.0	GENERAL NOTES
C3.0	EXISTING CONDITIONS
C4.0	SITE PLAN
C5.0	GRADING PLAN
C6.0	DRAINAGE PLAN
C6.1	DRAINAGE PROFILES
C7.0	EROSION CONTROL PLAN - 1
C7.1	EROSION CONTROL PLAN - 2
C7.2	EROSION CONTROL PLAN - 3
C8.0	DETAILS - 1
C8.1	DETAILS - 2
C8.2	DETAILS - 3
L1.0	LSCP - L1
L2.0	LSCP - L2

THIS PROPERTY IS LOCATED IN FLOOD ZONE "X" AS SCALED FROM F.I.R.M. No. 45051C0542 K, DATED DEC. 16, 2021, THIS PLAT IS NOT THE BASIS FOR FLOOD ZONE DETERMINATION OR FLOOD ZONE RELATED ISSUES.

CONTRACTOR SHALL BE KNOWLEDGEABLE WITH LOCAL, CITY, COUNTY, STATE, AND FEDERAL REGULATIONS AS THEY MAY PERTAIN TO THIS PROJECT AND SHALL ADHERE TO THESE REGULATIONS.

INFORMATION REGARDING THE PRESENCE, SIZE, CHARACTER, AND LOCATION OF ANY UNDERGROUND UTILITY AND/OR STRUCTURE SHOWN ON THIS PLAN IS APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UNDERGROUND UTILITIES LOCATED.

- NOTE:**
- NO COVENANTS OR RESTRICTIONS EXIST WHICH MAY CONFLICT WITH THE PROPOSED USES.
  - LIVE OAKS 24" DBH OR GREATER EXIST ON SITE.
  - LIGHT FIXTURES SHALL BE FULL-CUTOFF AND MEET ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) CRITERIA. LIGHTING SHALL BE AIMED STRAIGHT DOWN.
  - LIGHTING SHALL NOT PRODUCE ILLUMINATION THAT EXCEEDS 1 FOOTCANDLE BEYOND ANY RESIDENTIAL LOT
  - ALL PROPOSED SIGNAGE WILL BE SUBMITTED SEPARATELY
  - NO DUMPSTER ON SITE



COVER  
B&C BLDG. (BBB) PARKING COMPLEX;  
H17-N138-MJ

PREPARED FOR:  
COASTAL CAROLINA UNIVERSITY  
PO BOX 261954  
CONWAY, SC 29528  
MR. MARK AVANT, PE, LEED AP

PLANS FOR PERMITTING

JOB NO: 22186  
SCALE: 1" = 500'  
DESIGNED BY: C.BARRETT  
CHECKED BY: WAG  
APPROVED BY: WAG  
DATE: 11/27/23

SHEET NUMBER:

C1.0

P:\22186 - CCU - B&C PARKING COMPLEX\DESIGN\DRAWINGS\22186 COVER NOTES.DWG

2023-11-28 DRG, LLC

GENERAL LEGEND

Legend symbols for utilities (anchors, easements, fences, fibers, electrical, street lights, telephones, traffic, power, yard, electrical, transformer, telephone, satellite, earth, grass, gravel, riprap, trees, etc.), manholes, hydrants, valves, and other infrastructure.

GENERAL NOTES

- 1. IF ANY ERRORS BECOME APPARENT, THESE SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
2. THE CONTRACTOR SHALL CONFINE ALL WORK WITHIN THE LIMITS SHOWN.
3. CONTRACTOR IS RESPONSIBLE FOR HAVING, IN HIS POSSESSION, ALL REQUIRED PERMITS AND APPROVALS PRIOR TO START OF CONSTRUCTION...

EROSION CONTROL NOTES

- 1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION...
2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED...

SITE WORK

- 1. EXISTING CONTOURS AND ELEVATIONS AS SHOWN ON THIS PLAN WERE TAKEN FROM A FIELD TOPOGRAPHIC SURVEY PREPARED BY DEVELOPMENT RESOURCE GROUP, LLC, CONTRACTOR SHALL CONTACT AND REFERENCE SAME BENCHMARK AS USED BY SURVEYOR.
2. BEFORE ANY EARTHWORK IS DONE, THE CONTRACTOR SHALL STAKE OUT AND FLAG THE CLEARING LIMITS, TREES TO BE SAVED & OTHER ITEMS ESTABLISHED BY THE PLANS...

DRAINAGE

- 1. ALL MATERIALS AND WORKMANSHIP ARE TO CONFORM TO THE REQUIREMENTS SET FORTH BY HORRY COUNTY, SCDOT AND SC DHEC.
2. IF AN ITEM IS NOT COVERED BY THESE PLANS, THEN HORRY COUNTY AND SCDOT AND SC DHEC GENERAL SPECIFICATIONS COVERING SUCH ITEMS SHALL APPLY.
3. ALL DRAINAGE PIPE SHALL BE RCP, CLASS III UNLESS OTHERWISE SPECIFIED...

WATER AND SEWER

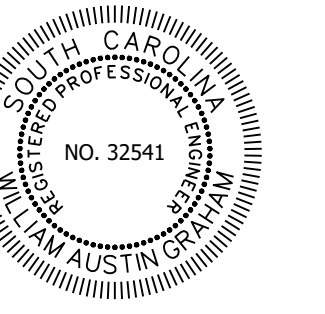
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2. IF AN ITEM IS NOT COVERED BY THESE PLANS, THEN HORRY COUNTY AND SC DHEC GENERAL SPECIFICATIONS COVERING SUCH ITEMS SHALL APPLY.
3. WATER MAINS SHALL BE MINIMUM, C-900, DR18 PVC PIPE, BLUE IN COLOR.
4. HYDRANTS SHALL BE MUELLER SUPER CENTURION A423 (4 1/2" MAIN VALVE)...

PAVING

- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS SCDOT STANDARD SPECIFICATIONS, LATEST EDITION, HORRY COUNTY SPECIFICATIONS, AND GEOTECHNICAL REPORT (WHEN PROVIDED).
2. UPON COMPLETION OF PAVING, CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PAVEMENT CORE DATA AS REQUESTED BY HORRY COUNTY OR THE ENGINEER.
3. PRIME COAT AND TACK COAT APPLICATION TO BE IN ACCORDANCE WITH SCDOT STANDARD SPECIFICATIONS...



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GENERAL NOTES
B&C BLDG. (BBB) PARKING COMPLEX;
H17-N138-MJ
PREPARED FOR:
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PO BOX 261954
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MR. MARK AVANT, PE, LEED AP

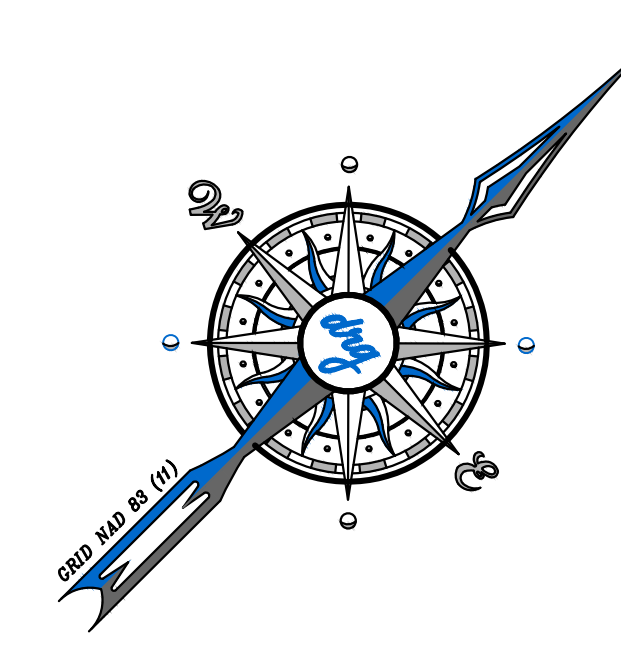
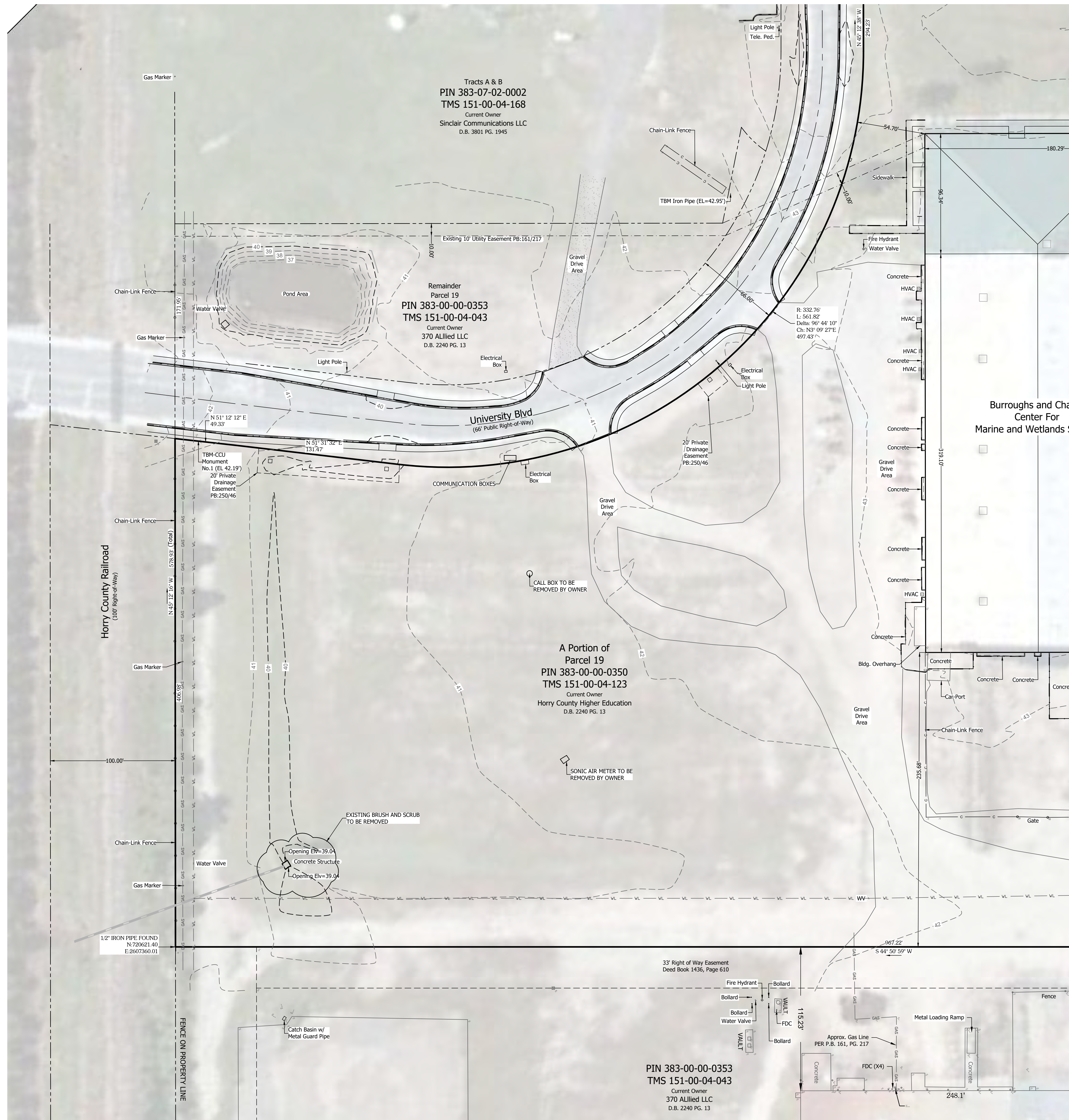
PLANS FOR PERMITTING

JOB NO: 22186
SCALE: #####
DESIGNED BY: C.BARRETT
CHECKED BY: WAG
APPROVED BY: WAG
DATE: 11/27/23

SHEET NUMBER:

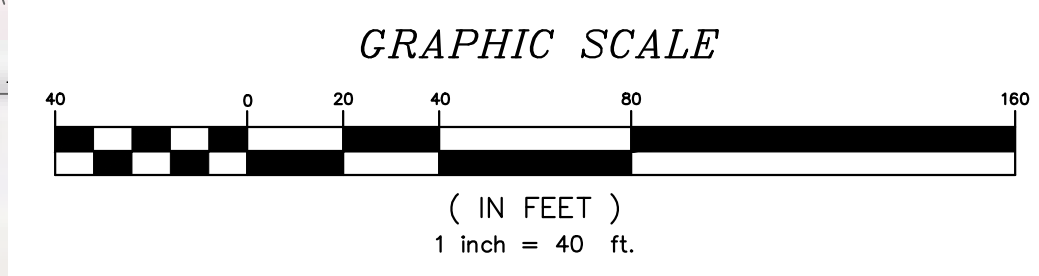
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P:02186 - CCU - B&C PARKING COMPLEX DESIGN DRAWINGS SHEET DRAWINGS SHEET COVER NOTES DETAILS DWG



See Sheet 3 of 4

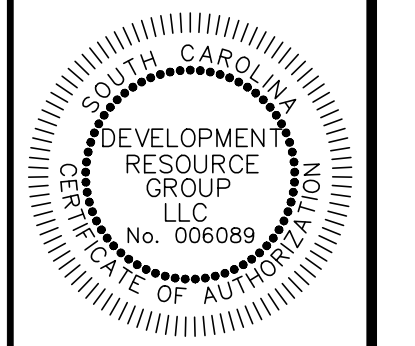
- LEGEND**
- Iron Pipe Found (IPF)
  - Iron Rebar Found (IRF)
  - Iron Pipe Set (IPS)
  - Calculated Point (CP)
  - ⊕ Fire Hydrant (FH)
  - ⊕ Water Valve (WV)
  - AC HVAC
  - T Telephone Pedestal (TP)
  - ⊕ Power Pole (PP)
  - ⊕ Light Pole (LP)
  - Water Line
  - Gas
  - Drainage Pipe



I hereby state that to the best of my professional knowledge, information, and belief, the survey shown hereon was made in accordance with the requirements of the Standards of Practice Manual for Surveying in South Carolina, and meets or exceeds the requirements as specified therein.

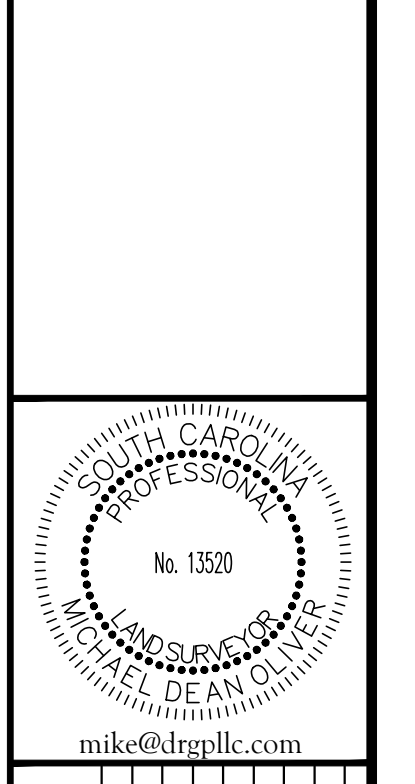
Michael D. Oliver, P.L.S. No. 13520  
as agent

**drq**  
Development Resource Group, LLC  
4703 Oleander Drive  
Myrtle Beach, SC 29577  
Telephone: 843-839-3350  
www.drqpllc.com



JOB No. 22-186  
DATE: 11-15-2022  
DRAWN BY: D.M.P.  
CHECKED BY: M.D.O.  
SCALE: 1" = 40'  
FILE: P:/22186/SURVEY

**TOPOGRAPHIC MAP**  
A Portion of Parcel 19  
Atlantic Center  
City of Conway, Horry County, South Carolina  
Prepared For:  
**Horry County Higher Education**



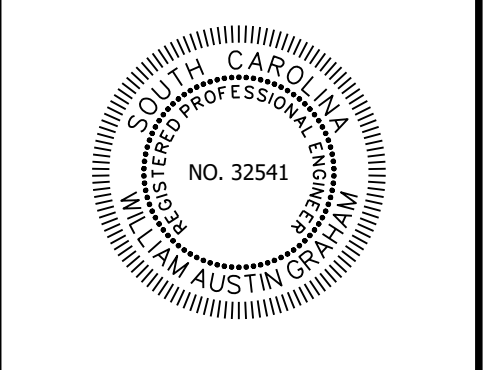
REVISION	DATE

DWG NAME: P:\22186 - CCU - B&C PARKING COMPLEX\DESIGN\DRAWINGS\22186\_BASE.DWG

P:22188 - CCU - B&C PARKING COMPLEX SHEET DRAWINGS SHEET DRAWINGS SHEET PLAN DWG 2023-11-28 DRG, LLC



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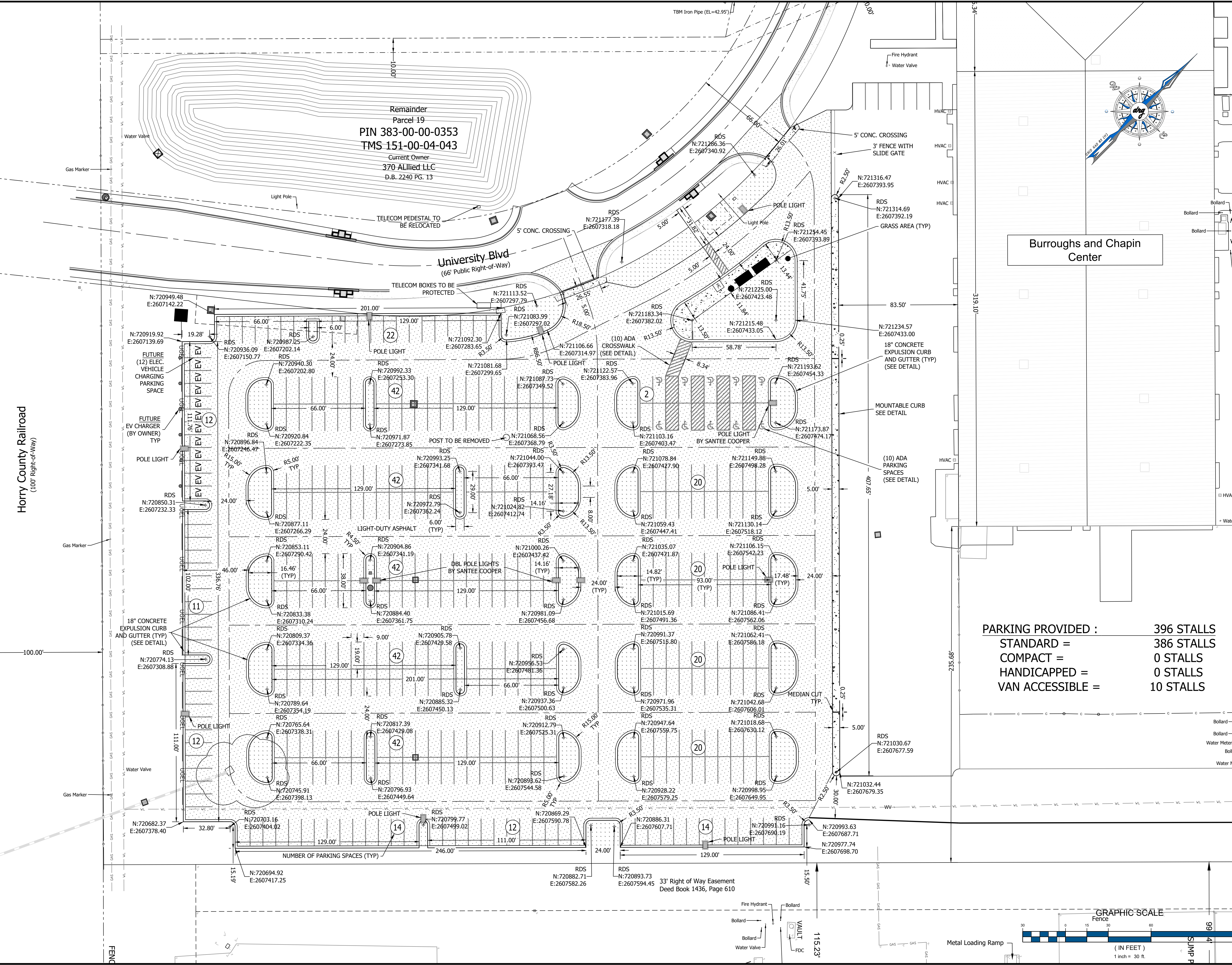
PREPARED FOR:  
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**PLANS FOR PERMITTING**

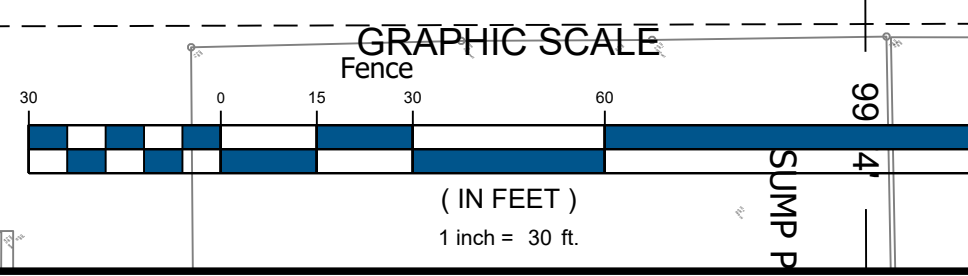
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SCALE:	1" = 30'
DESIGNED BY:	C.BARRETT
CHECKED BY:	WAG
APPROVED BY:	WAG
DATE:	11/27/23
SHEET NUMBER:	

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SCALE: 1" = 30'  
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APPROVED BY: WAG  
DATE: 11/27/23  
SHEET NUMBER:

**C4.0**



PARKING PROVIDED :	396 STALLS
STANDARD =	386 STALLS
COMPACT =	0 STALLS
HANDICAPPED =	0 STALLS
VAN ACCESSIBLE =	10 STALLS



Horry County Railroad  
(100' Right-of-Way)

Remainder  
Parcel 19  
PIN 383-00-00-0353  
TMS 151-00-04-043  
Current Owner  
370 ALLIED LLC  
D.B. 2240 PG. 13

Burroughs and Chapin  
Center

University Blvd  
(66' Public Right-of-Way)

SITE PLAN

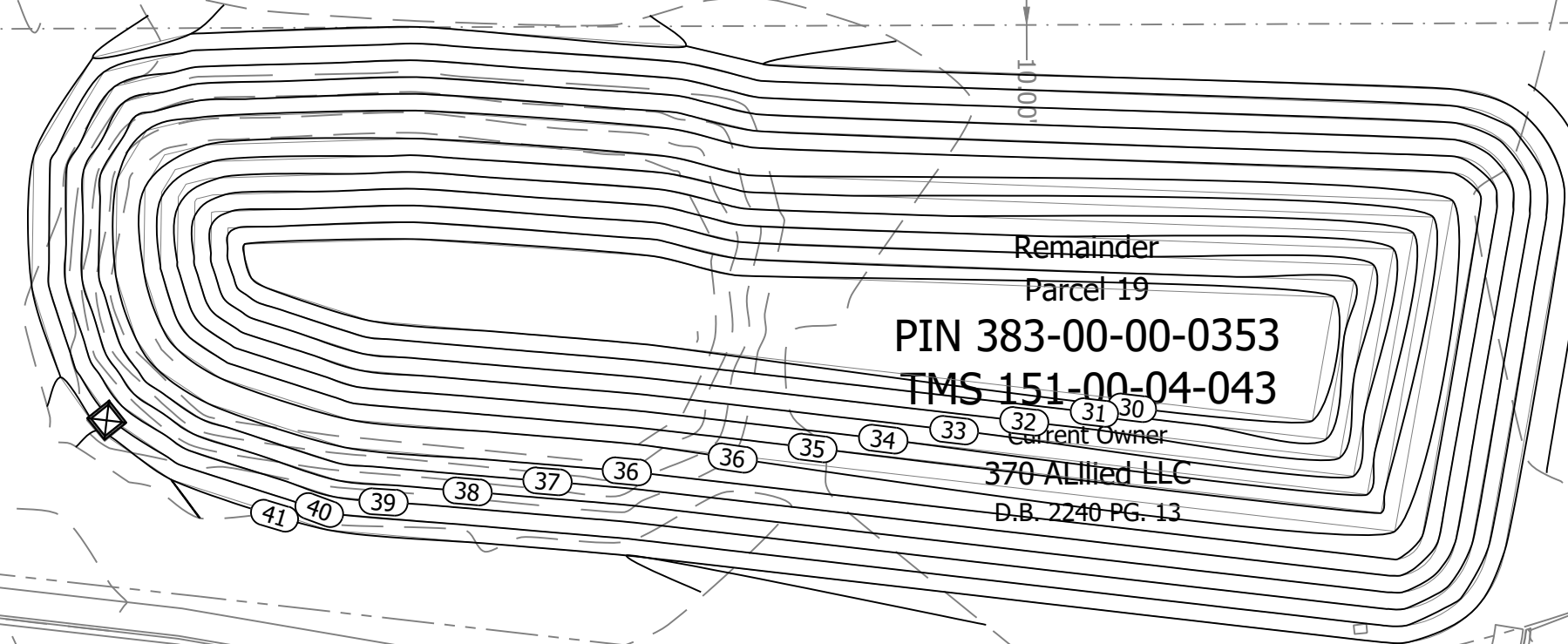
B&C BLDG. (BBB) PARKING COMPLEX;  
H17-N138-MJ

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DATE: 11/27/23  
SHEET NUMBER:

**C4.0**

P:22186 - CCJ - B&C PARKING COMPLEX DESIGN SHEET DRAWINGS 22186 GRADING PLAN.DWG 2023-11-28 DRG.LLC

Horry County Railroad  
(100' Right-of-Way)

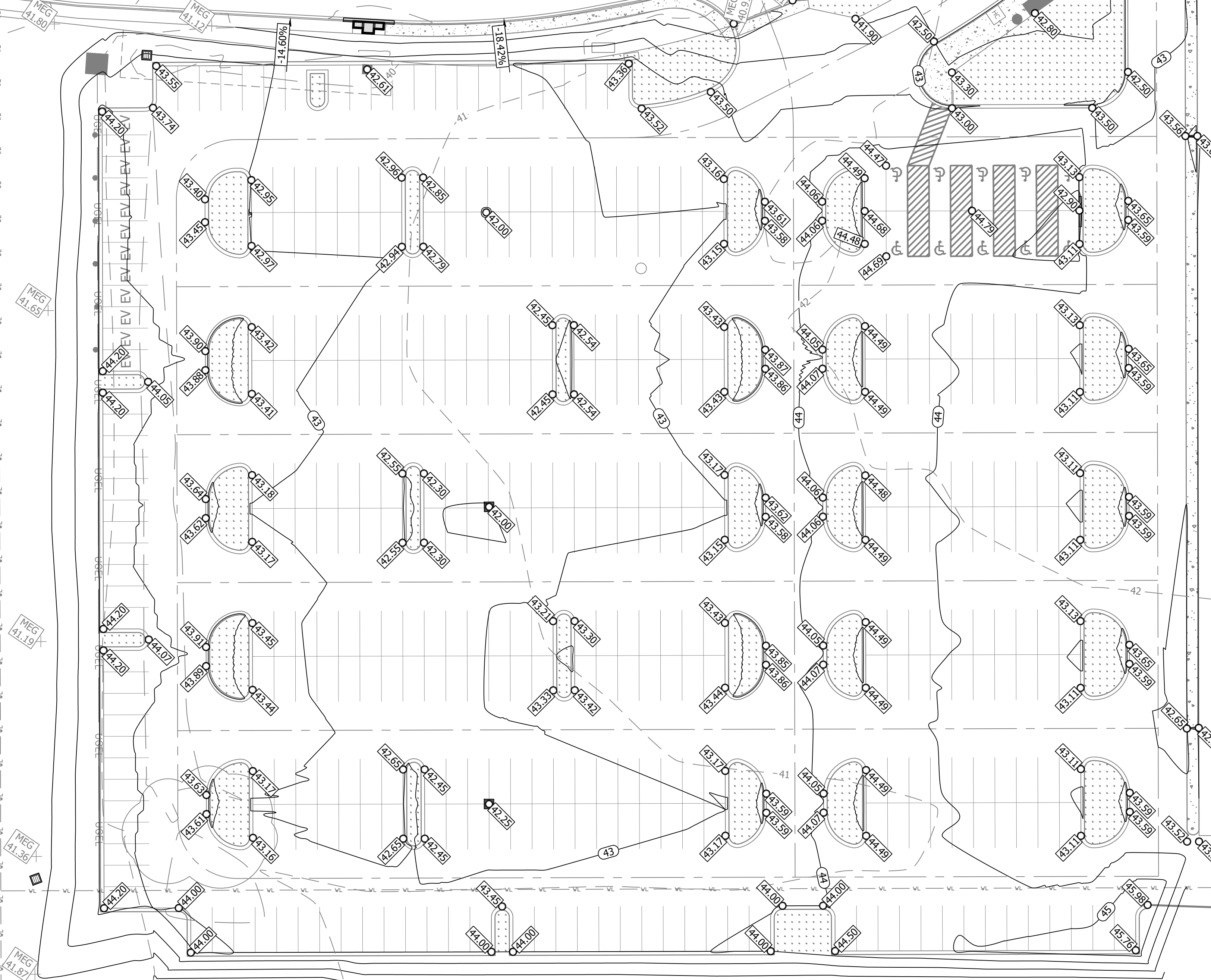


EXPAND EXISTING POND  
5:1 SIDE SLOPES  
NEW TOB: 41.00  
NEW TOB AREA: ±24,200SF  
NWL: 36.00  
25YR: 40.41  
100YR: 40.65

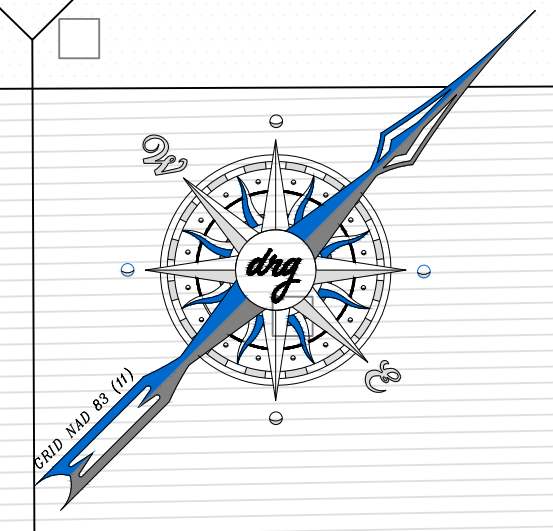
Remainder  
Parcel 19  
PIN 383-00-00-0353  
TMS 151-00-04-043  
Current Owner  
370 Allied LLC  
D.B. 2240 PG. 13

University Blvd  
(66' Public Right-of-Way)

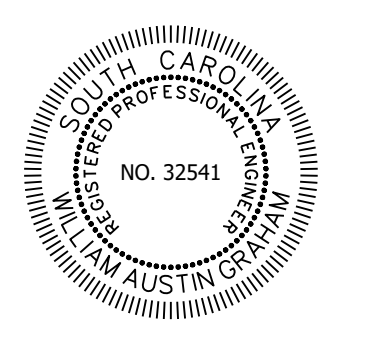
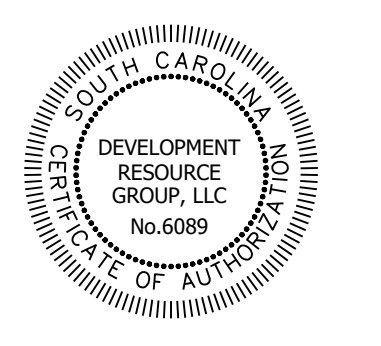
Burroughs and Chapin Center



33' Right of Way Easement  
Deed Book 1436, Page 610



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GRADING PLAN  
B&C BLDG. (BBB) PARKING COMPLEX;  
H17-N138-MJ

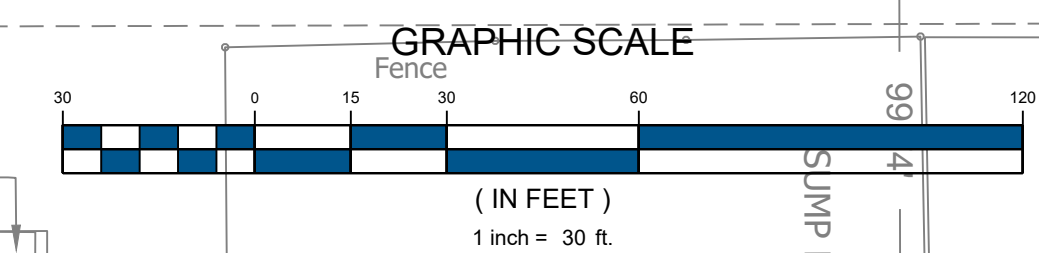
PLANS FOR PERMITTING

PREPARED FOR:  
COASTAL CAROLINA UNIVERSITY  
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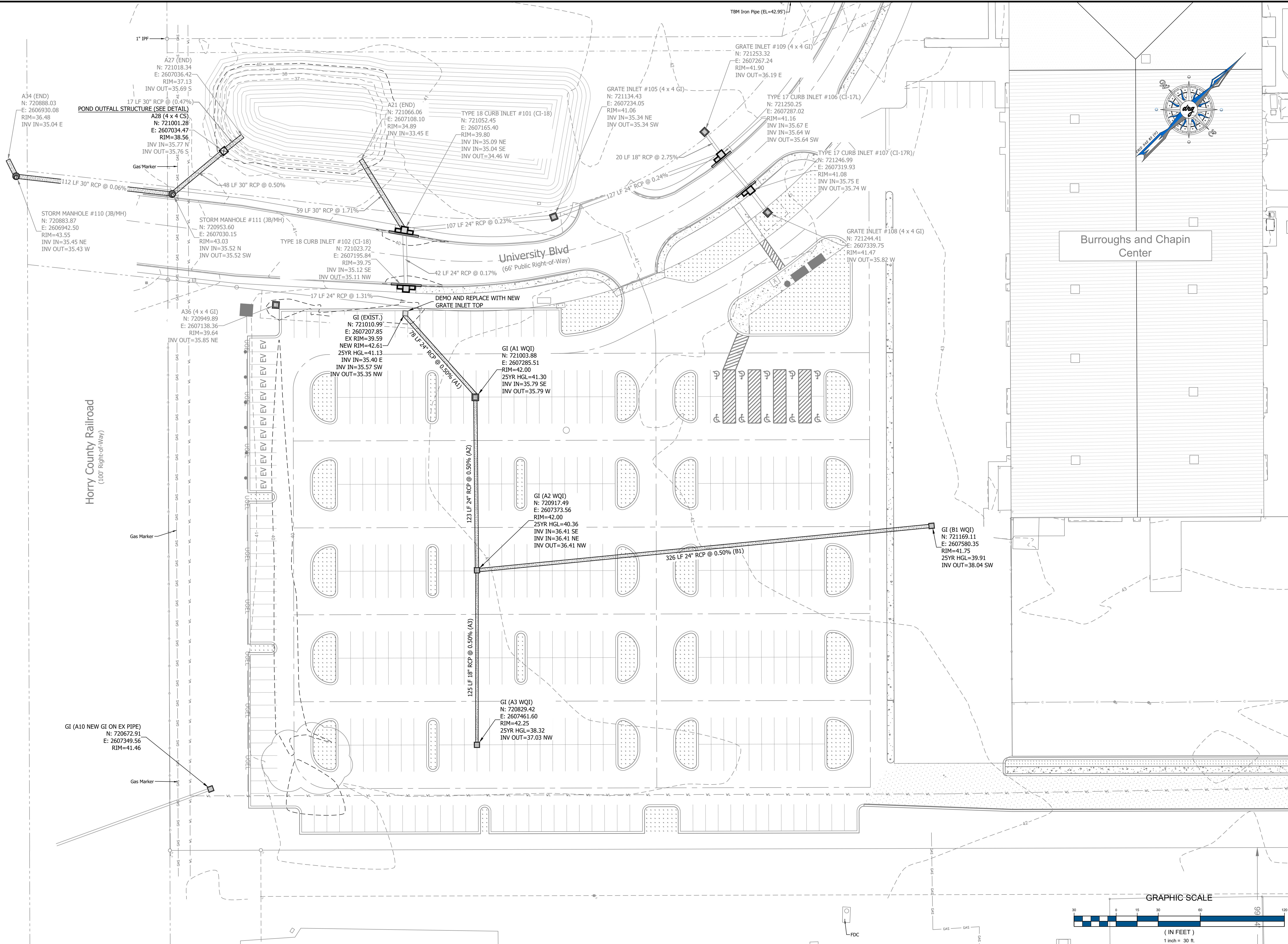
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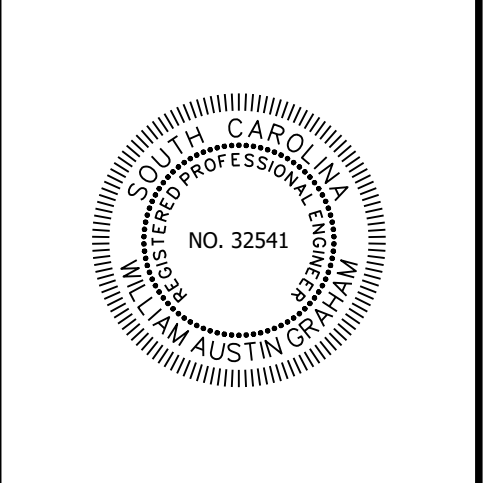
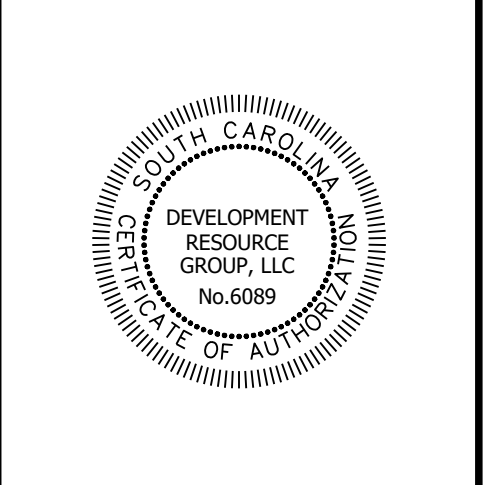
Metal Loading Ramp

Vault

P:22188 - CCU - B&C PARKING COMPLEX DESIGN SHEET DRAWINGS 22188 DRAINAGE PLAN DWG



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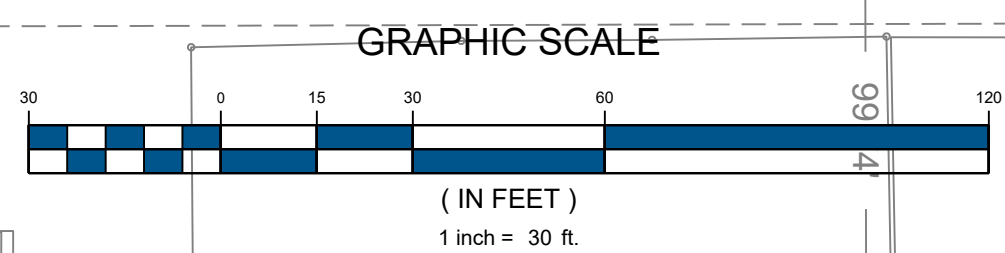
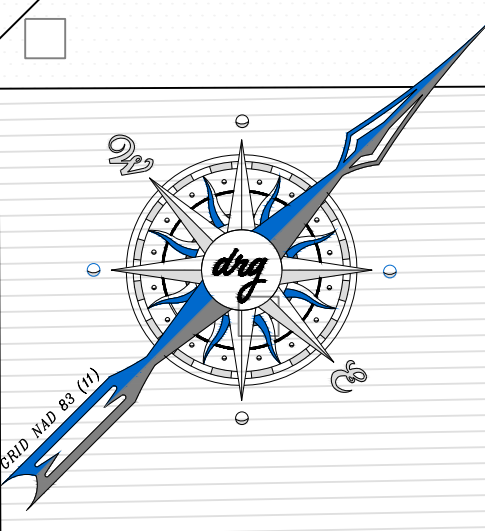
**DRAINAGE PLAN**  
**B&C BLDG. (BBB) PARKING COMPLEX;**  
**H17-N138-MJ**

PREPARED FOR:  
COASTAL CAROLINA UNIVERSITY  
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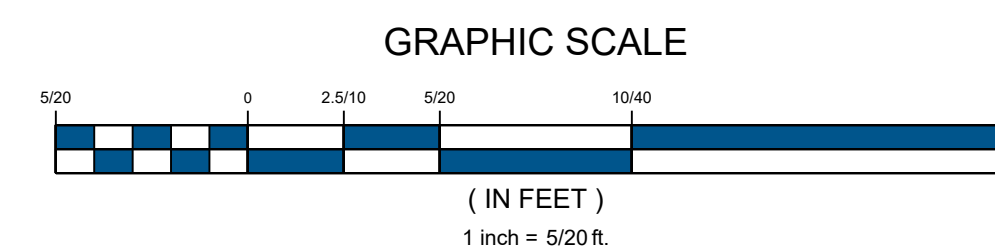
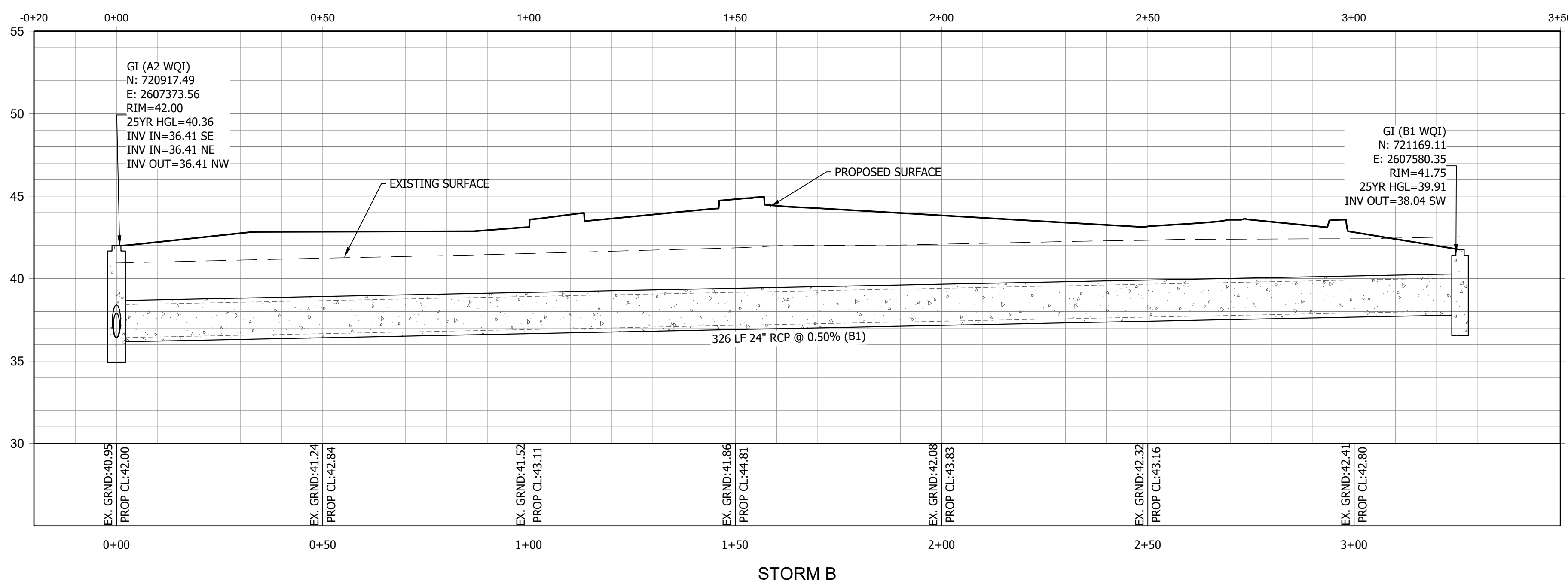
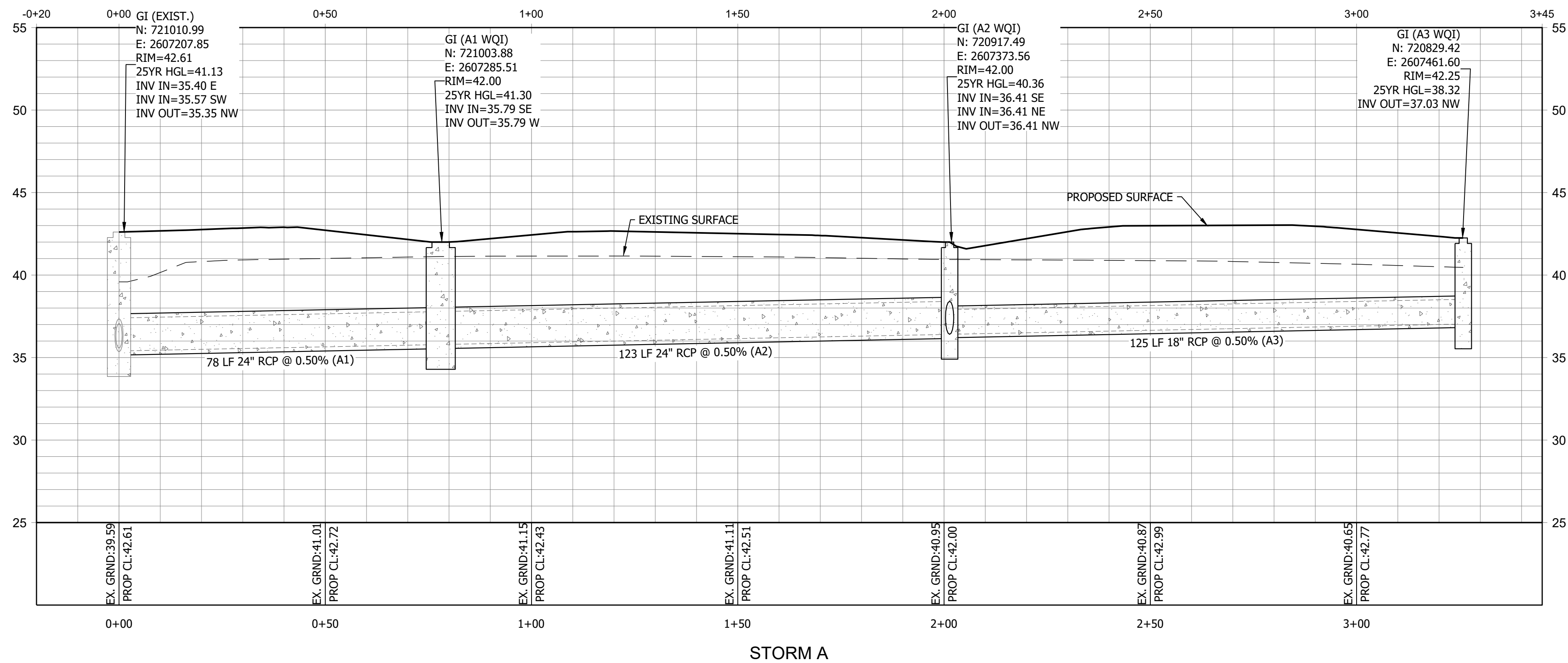
**PLANS FOR PERMITTING**

JOB NO: 22188  
SCALE: 1" = 30'  
DESIGNED BY: C.BARRETT  
CHECKED BY: WAG  
APPROVED BY: WAG  
DATE: 11/27/23  
SHEET NUMBER:

**C6.0**



2023-11-28 DRG.LLC © P:\22186 - CCU - B&C PARKING COMPLEX\DESIGN\DRAWINGS\22186 DATA.DWG



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**DRAINAGE PROFILES**  
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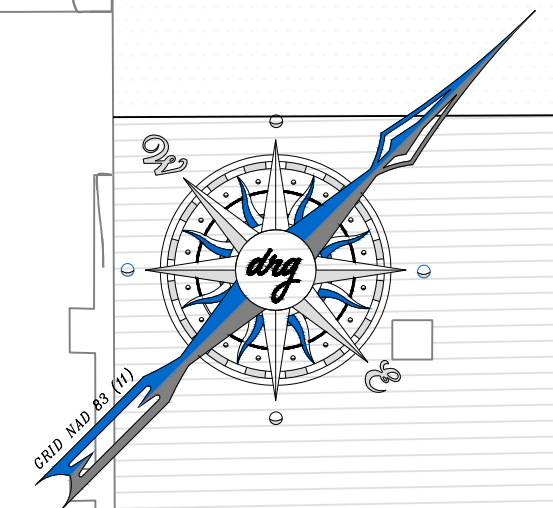
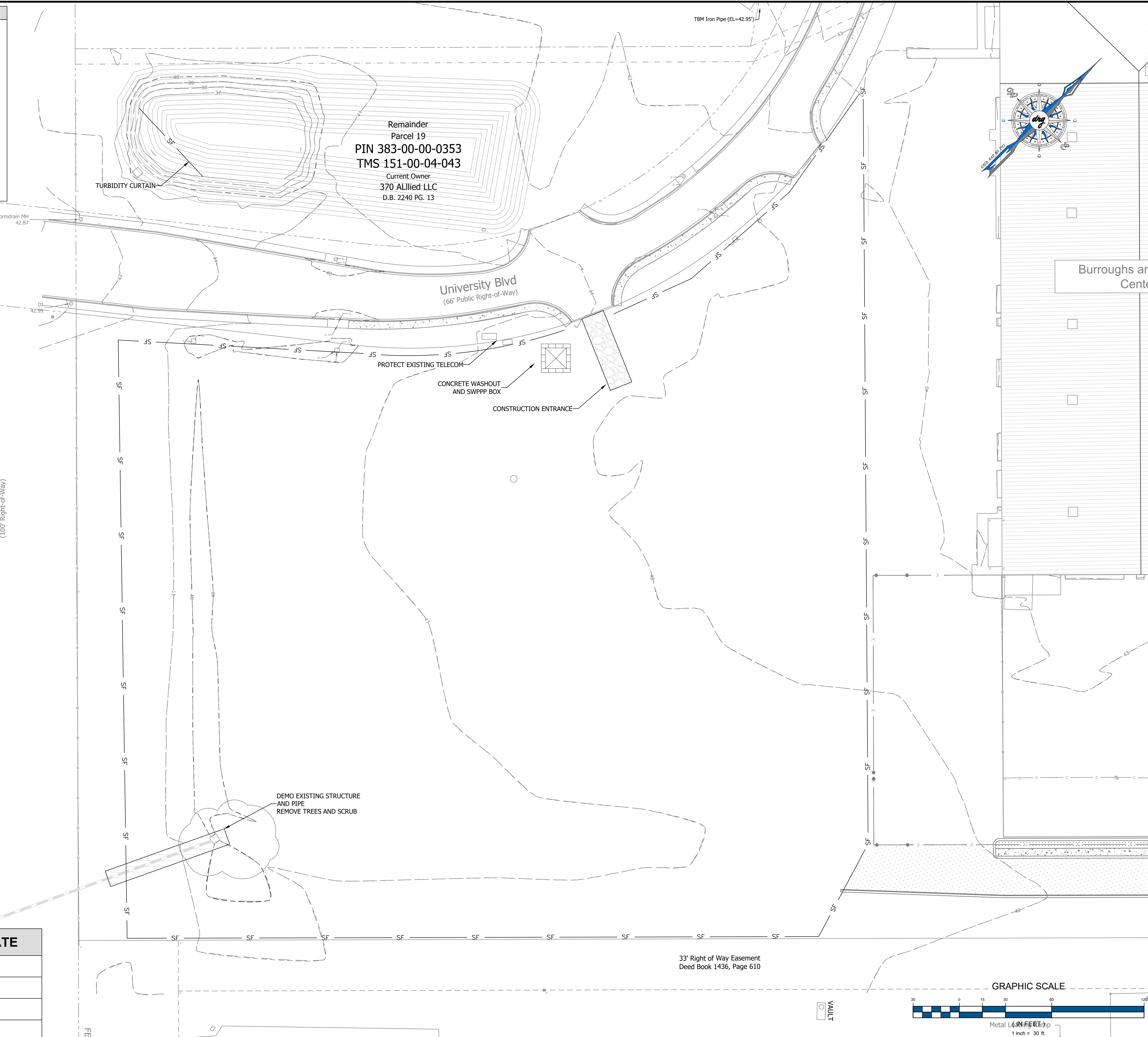
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CHECKED BY: WAG  
APPROVED BY: WAG  
DATE: 11/27/23

SHEET NUMBER:

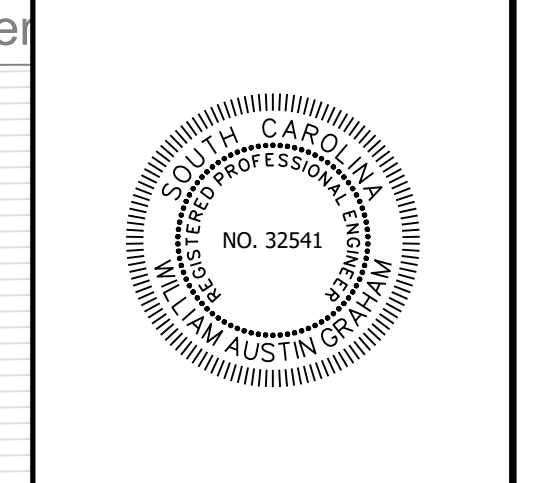
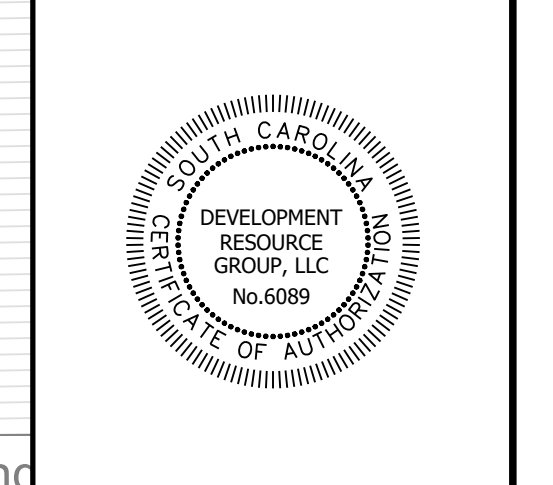
**C6.1**

2023-11-28 DRG, LLC  
P:22186 - CCU - B&C PARKING COMPLEX DESIGN DRAWINGS SHEET DRAWINGS 22186 EROSION PLAN.DWG

PLAN LEGEND	
SF	SILT FENCE (SEE DETAIL)
[Symbol]	CONCRETE WASHOUT (SEE DETAIL)
[Symbol]	EQUIPMENT FUELING AND MAINTENANCE AREA (SEE DETAIL)
[Symbol]	STREET SWEEPING
[Symbol]	TEMPORARY SEEDING
[Symbol]	PERMANENT SEEDING
[Symbol]	CLEARING & GRUBBING



**drg**  
DEVELOPMENT RESOURCE GROUP, LLC  
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MYRTLE BEACH, SC 29577  
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**EROSION CONTROL PLAN - 1**  
**B&C BLDG. (BBB) PARKING COMPLEX;**  
**H17-N138-MJ**

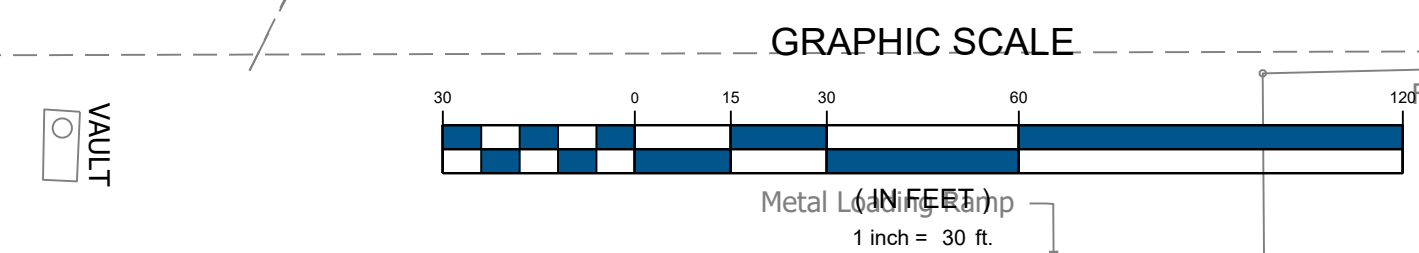
PREPARED FOR:  
COASTAL CAROLINA UNIVERSITY  
PO BOX 261954  
CONWAY, SC 29528  
MR. MARK AVANT, PE, LEED AP

**PLANS FOR PERMITTING**

CONSTRUCTION PHASE 1	DATE
INSTALL CONSTRUCTION ENTRANCE AT START OF JOB (SEE DETAIL)	
CLEAR PATH FOR PERIMETER SILT FENCE	
INSTALL PERIMETER SILT FENCE (SEE DETAIL)	
CLEAR & GRUB TO PERIMETER SILT FENCE	

JOB NO: 22186  
SCALE: 1" = 30'  
DESIGNED BY: C.BARRETT  
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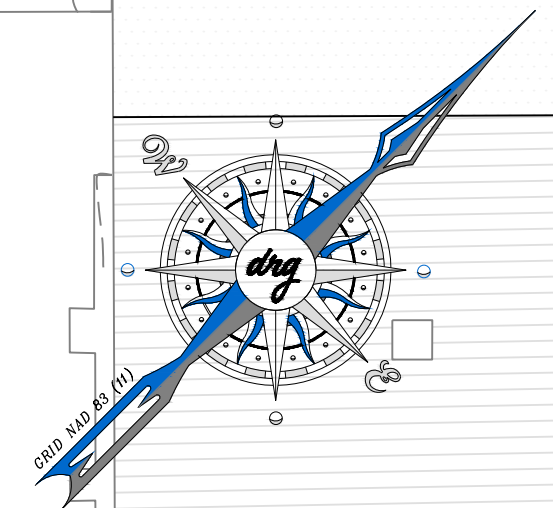
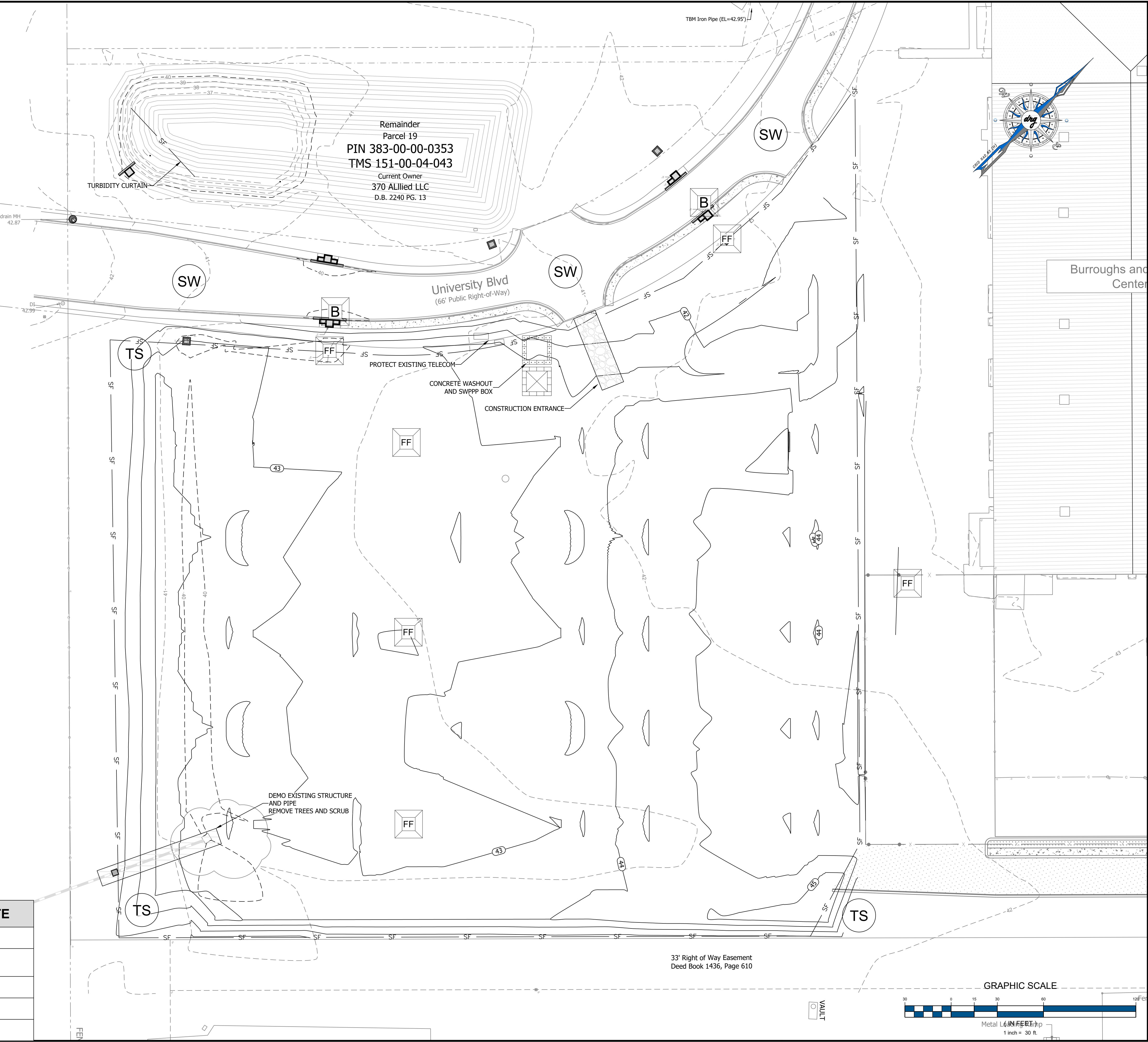
SHEET NUMBER:  
**C7.0**





2023-11-28 DRG, LLC  
P:\22186 - CCU - B&C PARKING COMPLEX\DESIGN\DRAWINGS\22186 EROSION PLAN.DWG

PLAN LEGEND	
	SILT FENCE (SEE DETAIL)
	TYPE A INLET PROTECTION (FABRIC & STAKES - SEE DETAIL)
	TYPE B INLET PROTECTION (BLOCKSOM - SEE DETAIL)
	TYPE FF INLET PROTECTION (FILTER FABRIC - SEE DETAIL)
	CLEARING & GRUBBING
	CONCRETE WASHOUT (SEE DETAIL)
	EQUIPMENT FUELING AND MAINTENANCE AREA (SEE DETAIL)
	STREET SWEEPING
	TEMPORARY SEEDING
	PERMANENT SEEDING



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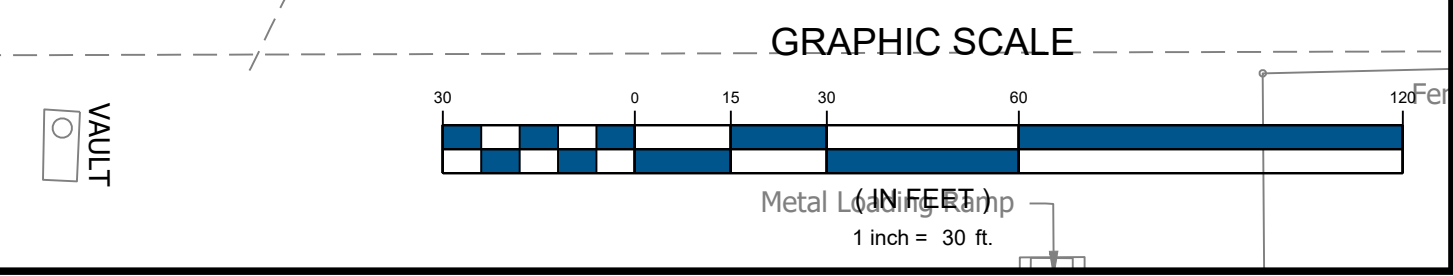
**EROSION CONTROL PLAN - 2**  
**B&C BLDG. (BBB) PARKING**  
**COMPLEX: H17-N138-MJ**  
PREPARED FOR:  
COASTAL CAROLINA UNIVERSITY  
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APPROVED BY: WAG  
DATE: 11/27/23

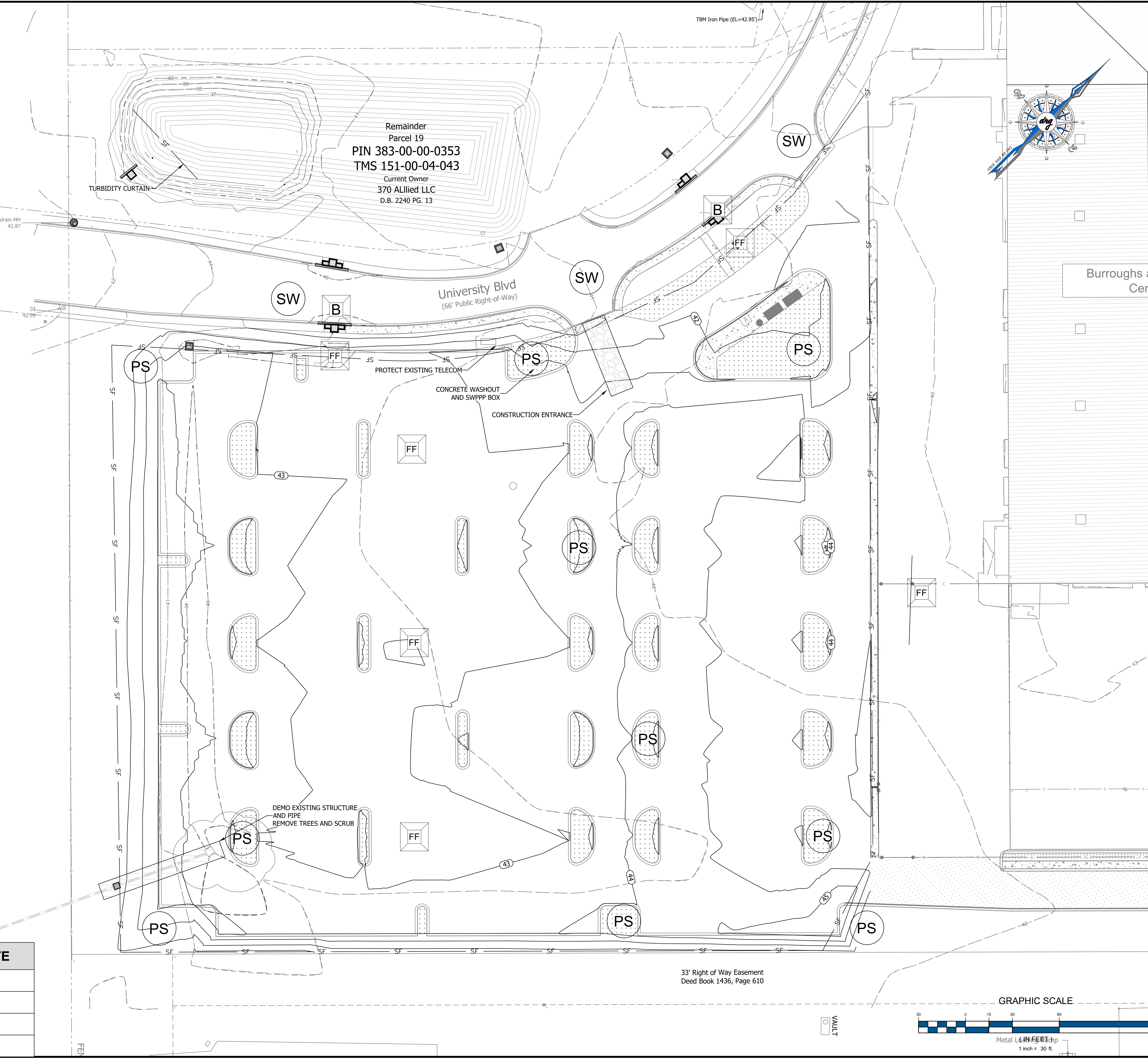
SHEET NUMBER:  
**C7.1**


CONSTRUCTION PHASE 2	DATE
ESTABLISH MATERIAL STORAGE AREA PER SWPPP & CGP	
INSTALL PHASE 2 INLET PROTECTION (SEE DETAILS)	
INSTALL CONCRETE WASHOUT PRIOR TO BEGINNING CONCRETE CURB INSTALLATION	
REMOVE CONSTRUCTION ENTRANCE BEGIN INSTALLATION OF ROADWAY BASE MATERIAL & INITIATION OF STREET SWEEPING	
STABILIZE REMAINING DISTURBED AREAS	




2023-11-28 DRG, LLC  
P:22186 - CCU - B&C PARKING COMPLEX DESIGN DRAWINGS SHEET DRAWINGS 22186 EROSION PLAN.DWG


PLAN LEGEND	
SF	SILT FENCE (SEE DETAIL)
A	TYPE A INLET PROTECTION (FABRIC & STAKES - SEE DETAIL)
B	TYPE B INLET PROTECTION (BLOCKSOM - SEE DETAIL)
FF	TYPE FF INLET PROTECTION (FILTER FABRIC - SEE DETAIL)
[Cross-hatch]	CLEARING & GRUBBING
[Dotted]	CONCRETE WASHOUT (SEE DETAIL)
[X-hatch]	EQUIPMENT FUELING AND MAINTENANCE AREA (SEE DETAIL)
SW	STREET SWEEPING
TS	TEMPORARY SEEDING
PS	PERMANENT SEEDING





DEVELOPMENT RESOURCE GROUP, LLC  
4703 OLEANDER DRIVE  
MYRTLE BEACH, SC 29577  
843-839-3350 | DRGPLLC.COM



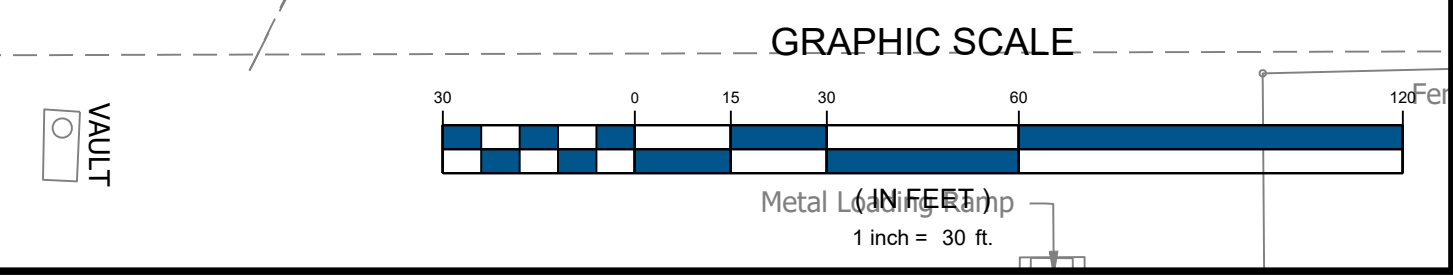


EROSION CONTROL PLAN - 3  
B&C BLDG. (BBB) PARKING  
COMPLEX: H17-N138-MJ  
PREPARED FOR:  
COASTAL CAROLINA UNIVERSITY  
PO BOX 261954  
CONWAY, SC 29528  
MR. MARK AVANT, PE, LEED AP

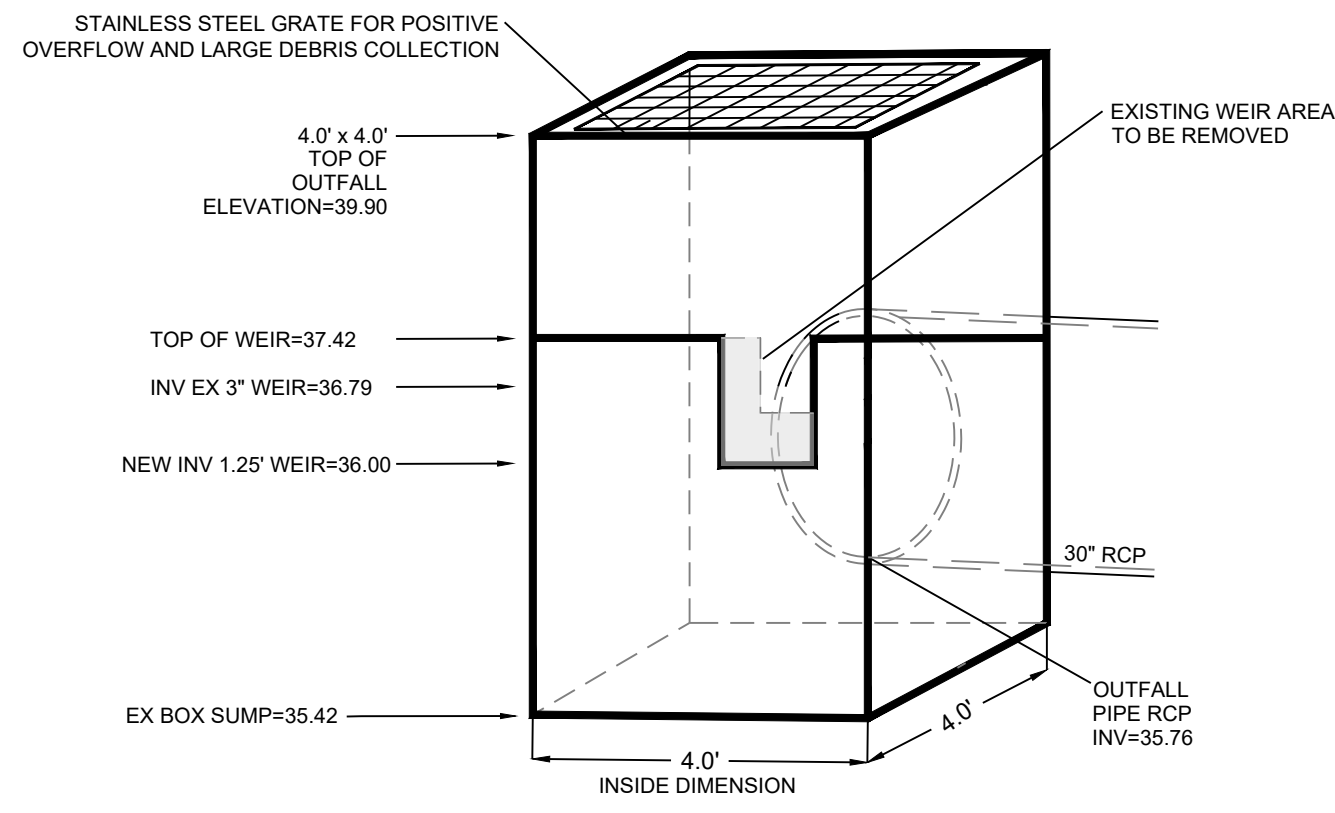
**PLANS FOR PERMITTING**

JOB NO:	22186
SCALE:	1" = 30'
DESIGNED BY:	C.BARRETT
CHECKED BY:	WAG
APPROVED BY:	WAG
DATE:	11/27/23
SHEET NUMBER:	<b>C7.2</b>

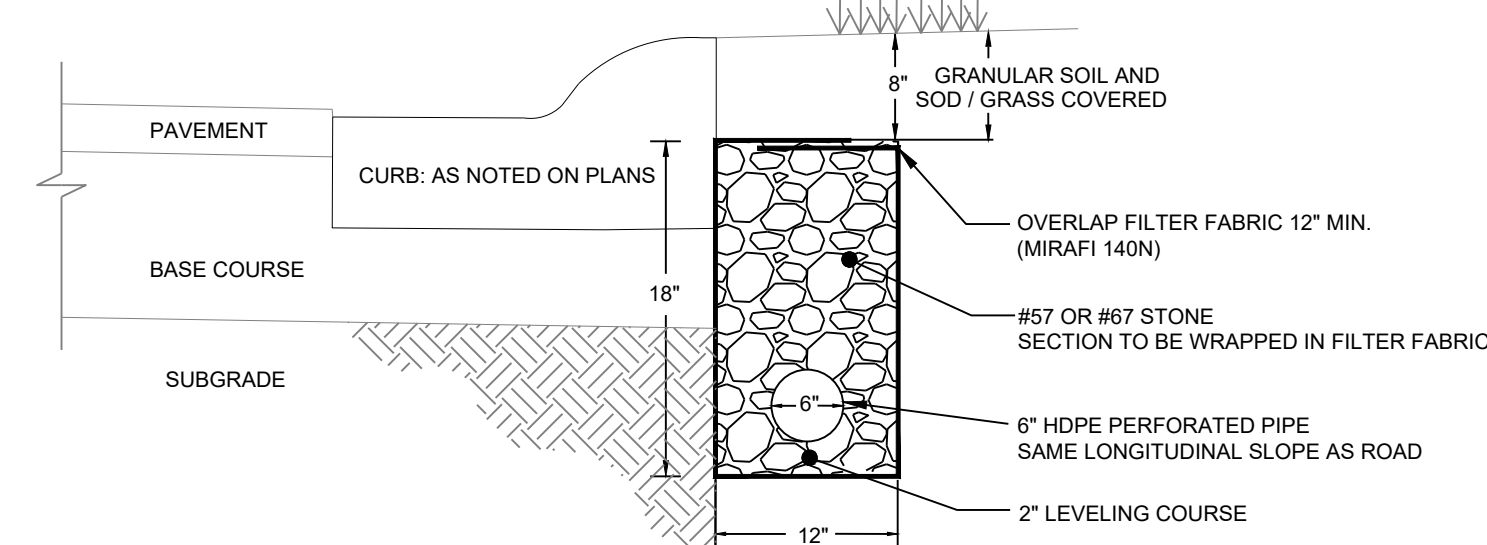
CONSTRUCTION PHASE 3	DATE
SILT FENCE REMOVAL - TO COMMENCE ONCE 75% VEGETATIVE COVER HAS BEEN ACHIEVED	
BEGIN VERTICAL CONSTRUCTION	
INSTALL PHASE 3 INLET PROTECTION - BLOCKSOM INLET FILTER (SEE DETAIL)	
CONTINUE STREET SWEEPING	



2023-11-28 DRG, LLC

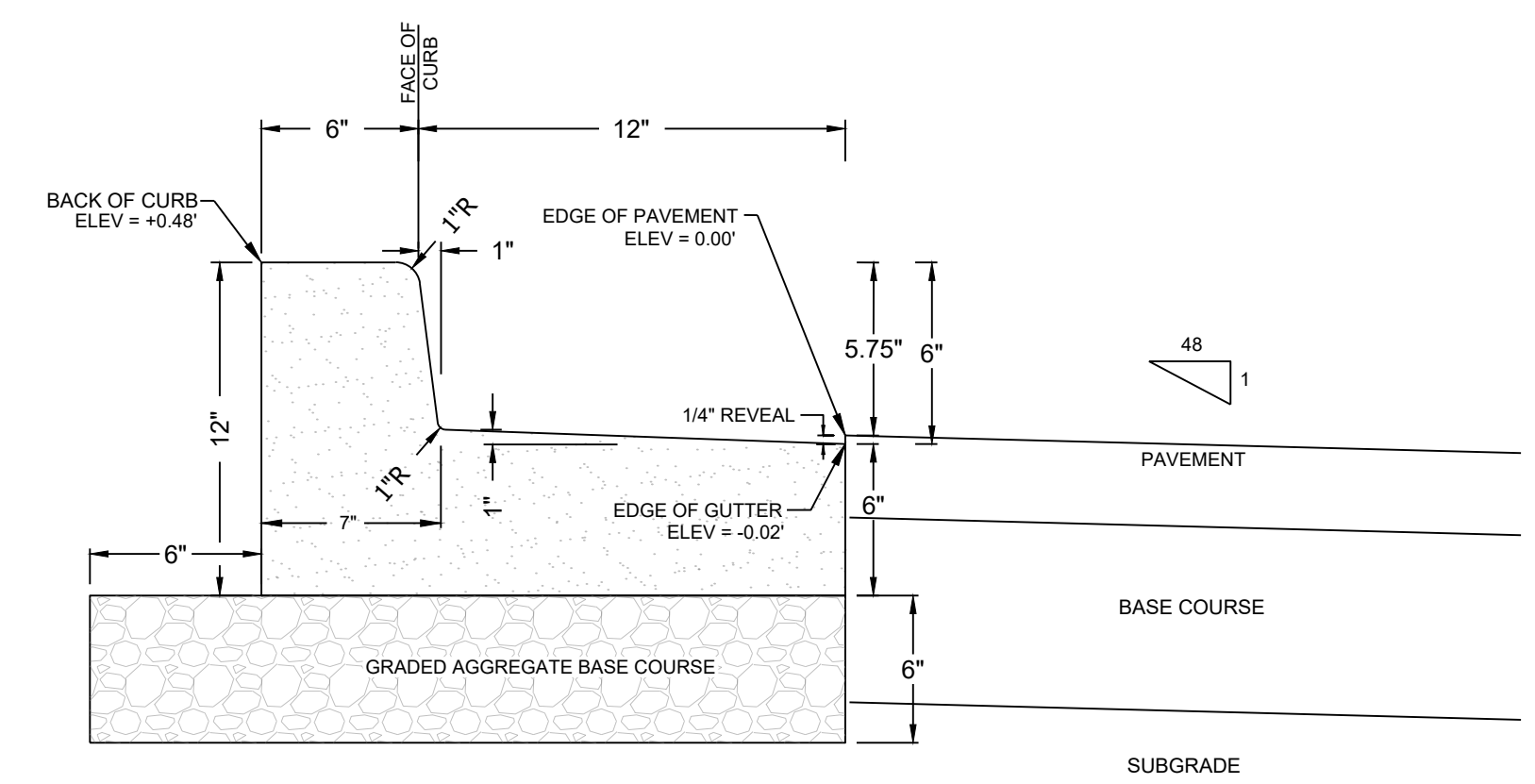


POND OUTFALL STRUCTURE		
C.R.B.	N.T.S.	08/25/23
DEVELOPMENT RESOURCE GROUP, LLC		



- NOTES
- SLOPE SUBDRAIN SAME AS ROAD AND TIE INTO NEAREST STORM DRAIN CATCH BASIN/CURB INLET.
  - UNDERDRAINS ARE TO BE INSPECTED PRIOR TO COVERING.
  - SUBDRAIN SHALL NOT BE INSTALLED BELOW THE AVERAGE POND ELEVATION AND SHALL BE INSTALLED ABOVE THE NORMAL WATER ELEVATION OF NEARBY PONDS.
  - THE UNDERDRAINS WILL BE CONNECTED STRAIGHT INTO AND OUT OF THE CATCH BASINS. NO "X"s WILL BE ALLOWED INTO THE CATCH BASINS.
  - UNDERDRAIN SHALL BE INSTALLED BEHIND CURB AND MEDIANS, ALONG ENTIRE LENGTH OF ROAD.
  - ALL UNDERDRAIN SHALL BE INSTALLED MIN. 8" ABOVE POND NWL.

SUBDRAIN / UNDERDRAIN	
R#	N.T.S.
DEVELOPMENT RESOURCE GROUP, LLC	

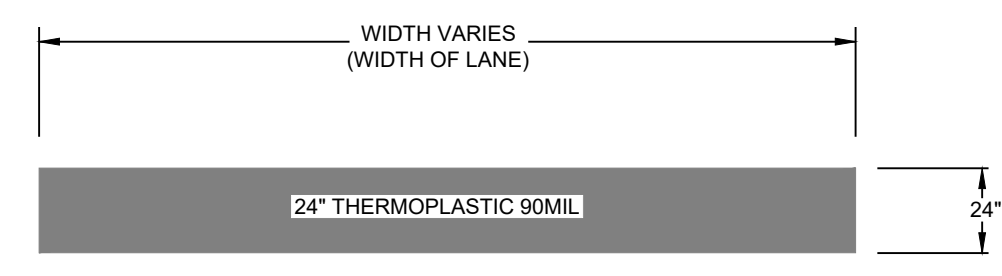


- NOTES
- CONCRETE CURB SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI
  - CONTRACTOR SHALL PROVIDE THE ENGINEERING DEPARTMENT WITH CYLINDER TESTING DATA FROM AN INDEPENDENT TESTING LAB (ASHTO CERTIFIED) AND INSPECTOR CERTIFIED BY THE SCDOT TO INSPECT AND TEST CONCRETE INDICATING COMPRESSIVE STRENGTH OF CONCRETE TESTED. ONE SET OF THREE TEST CYLINDERS SHALL BE TAKEN EVERY 500 LINEAR FEET OF CURBING (250' OF ROADWAY WITH CURBING ON BOTH SIDES OF THE ROAD). ALL TESTS SHALL BE IDENTIFIED WITH STATION IDENTIFICATION NUMBERS. NO TEST CYLINDER SHALL ATTAIN LESS THAN 2500 PSI WHILE THE AVERAGE OF ALL TEST CYLINDERS SHALL BE AT LEAST 3000 PSI. WHERE ANY SAMPLE IS LESS THAN 2500 PSI OR THE AVERAGE IS LESS THAN 3000 PSI THAN THE MATERIAL ASSOCIATED WITH THE FAILED SAMPLE STATION NUMBER(S) SHALL BE REMOVED AND REINSTALLED. NO AT-GRADE UTILITIES SHALL BE INSTALLED IN THE CURBLINE

18" EXPULSION CURB (VERTICAL FACE)	
R#	N.T.S.
DEVELOPMENT RESOURCE GROUP, LLC	

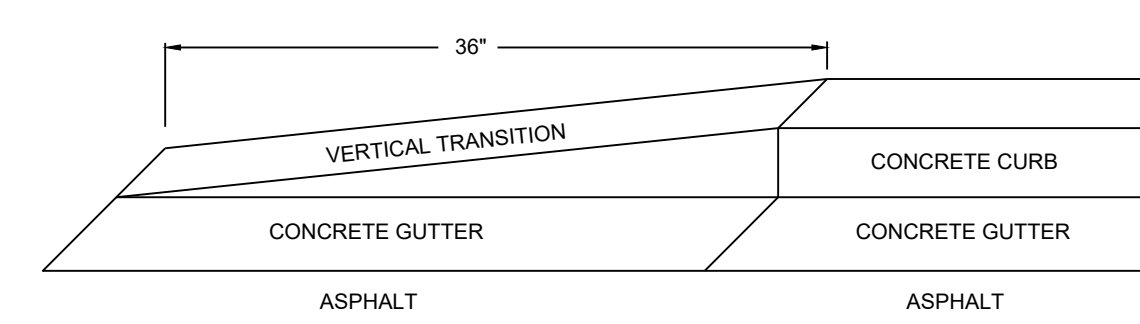


DEVELOPMENT RESOURCE GROUP, LLC  
4703 OLEANDER DRIVE  
MYRTLE BEACH, SC 29577  
843-839-3350 | DRGLP@DRG.COM

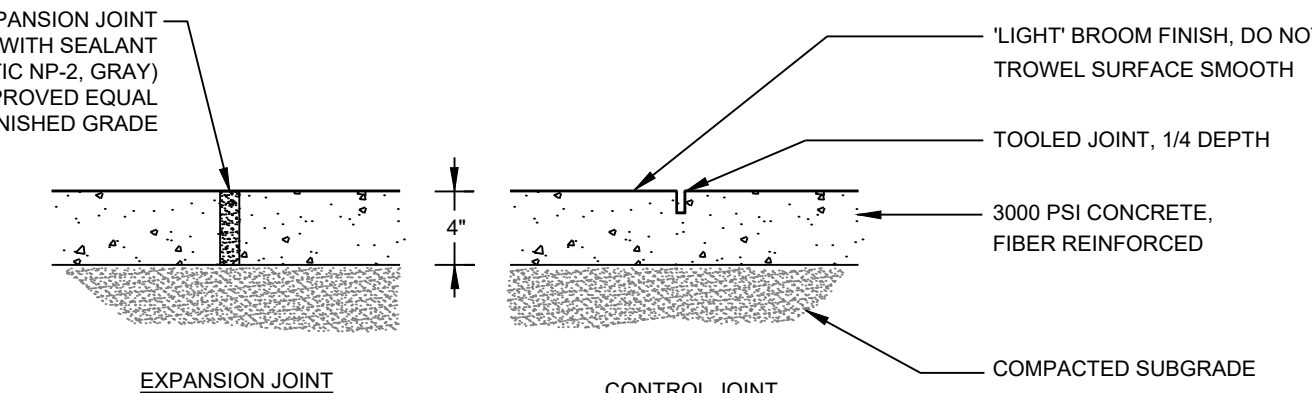


- NOTES
- ALL STOP BARS, CROSSWALKS, STRIPING AND SYMBOLS LOCATED IN PUBLIC RIGHT OF WAY SHALL BE THERMOPLASTIC

STOP BAR		
R#	N.T.S.	03/01/23
DEVELOPMENT RESOURCE GROUP, LLC		



VERTICAL CURB TAPER	
R#	N.T.S.
DEVELOPMENT RESOURCE GROUP, LLC	



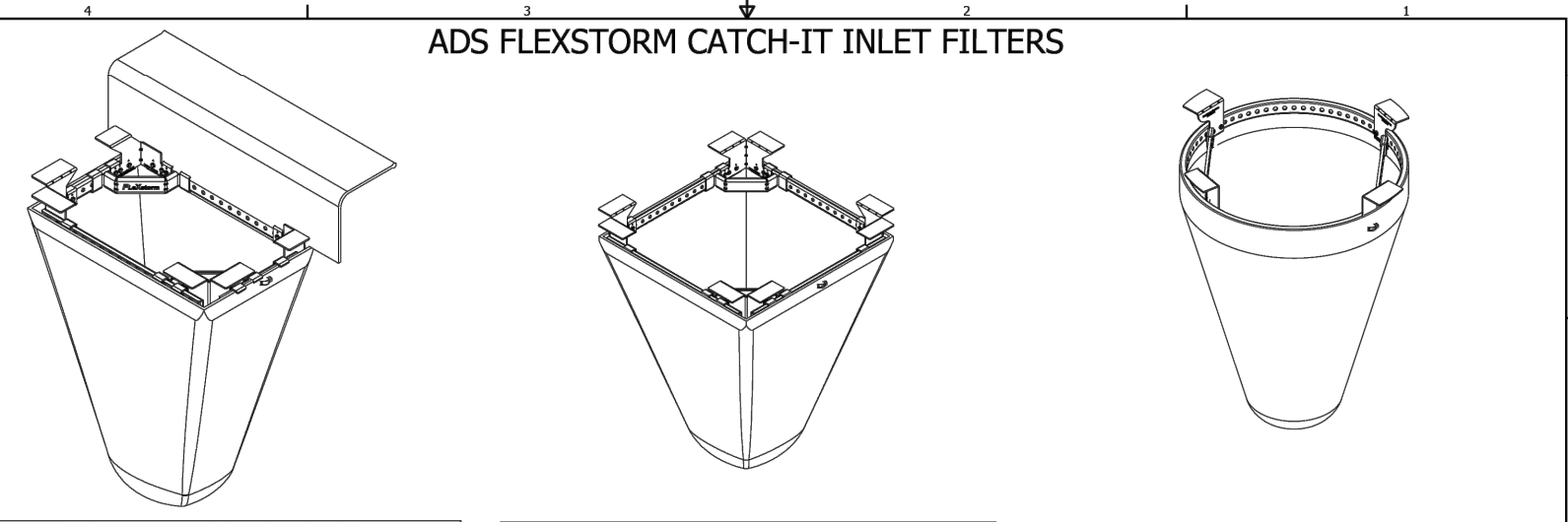
- NOTES
- CONCRETE SHALL BE FIBER REINFORCED AND SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI. MAXIMUM AGGREGATE SIZE SHALL BE 1/2" DIAMETER.
  - CONTROL JOINTS SHALL BE PLACED AT 5' O.C. MAX. EXPANSION JOINTS SHALL BE PLACED AT 30' O.C. MAX.
  - ALL SIDEWALK'S CROSS SLOPE TO BE MIN 1.0% AND 2.0% MAXIMUM.
  - ALL SIDEWALK SHALL BE 5' WIDE, UNLESS NOTED OTHERWISE

CONCRETE SIDEWALK	
M#	N.T.S.
DEVELOPMENT RESOURCE GROUP, LLC	

DETAILS - 1  
B&C BLDG. (BBB) PARKING COMPLEX;  
H17-N138-MJ

PREPARED FOR:  
COASTAL CAROLINA UNIVERSITY  
PO BOX 261954  
CONWAY, SC 29528  
MR. MARK AVANT, PE, LEED AP

PLANS FOR PERMITTING



SQUARE/RECTANGULAR CURB INLET FILTER			
Clear Opening Size	Style #/N	Minimum Bypass Flow Rate (GPM)	Flow Rate (GPM)
Small: Up to 6\"/>			

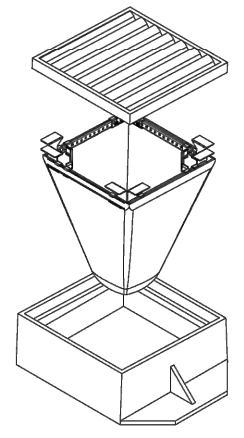
SQUARE/RECTANGULAR INLET FILTER			
Clear Opening Size	Style #/N	Minimum Bypass Flow Rate (GPM)	Flow Rate (GPM)
Small: Up to 6\"/>			

ROUND INLET FILTER			
Clear Opening Size	Style #/N	Minimum Bypass Flow Rate (GPM)	Flow Rate (GPM)
Small: 12\"/>			

SPECIFICATIONS BY NOMINAL SIZE RANGE (MIN. VALUES)			
Nominal Bag Size	Solids Storage (Cu Ft)	Flow Rate (GPM)*	TSS Removal Rate
Small	3.5	1.2	87% Large scale 1st party
Medium	3.1	3.7	76% per ASTM D 3153
Large	3.8	2.7	using 1% concentration
Extra Large	4.2	3.8	USDA Sandy Loam

\*Filter bag at 50% max solids storage capacity.

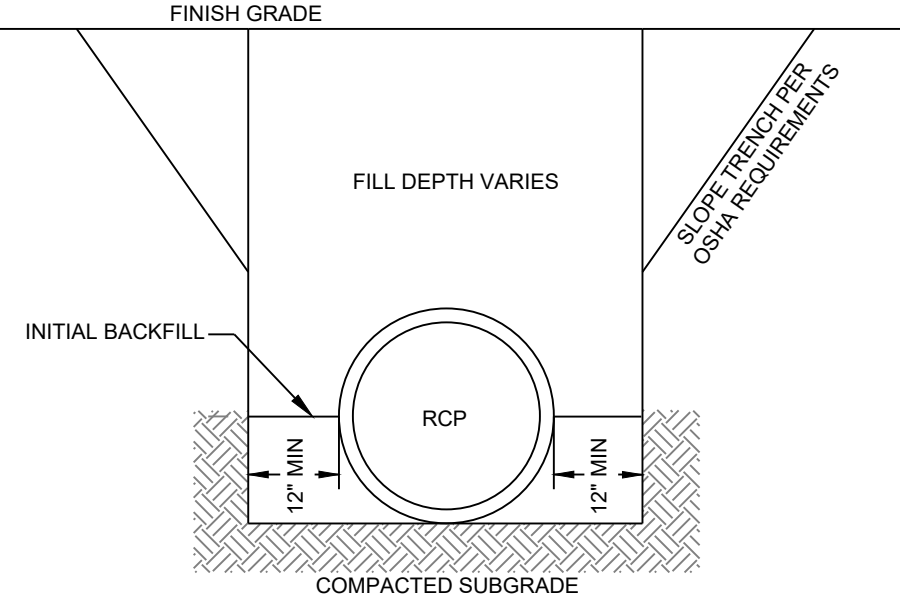
- INSTALLATION INSTRUCTIONS:
- REMOVE GRATE
  - CLEAN GRATE LEDGE
  - SET INLET FILTER ON LOAD BEARING LEDGE OF STRUCTURE
  - REPLACE GRATE



- NOTES:
- ALL FRAMING IS CONSTRUCTED OF G90 GALVANIZED STEEL.
  - TOTAL BYPASS CAPACITY WILL VARY WITH EACH SIZE DRAINAGE STRUCTURE. ADS DESIGNS FRAMING BYPASS TO MEET OR EXCEED THE DESIGN FLOW OF THE PARTICULAR DRAINAGE STRUCTURE.
  - UPON ORDERING, CONFIRMATION OF THE INLET SPECIFICATION, PRECAST/FOUNDRY CASTING MAKE AND MODEL, OR DETAILED DIMENSIONAL FORMS MUST BE PROVIDED TO CONFIGURE AND ASSEMBLE AN INLET FILTER.
  - ALL FILTERS MEET ASTM D8057 SPECIFICATIONS.
  - FOR WRITTEN SPECIFICATIONS AND MAINTENANCE GUIDELINES VISIT WWW.ADSPIPE.COM.

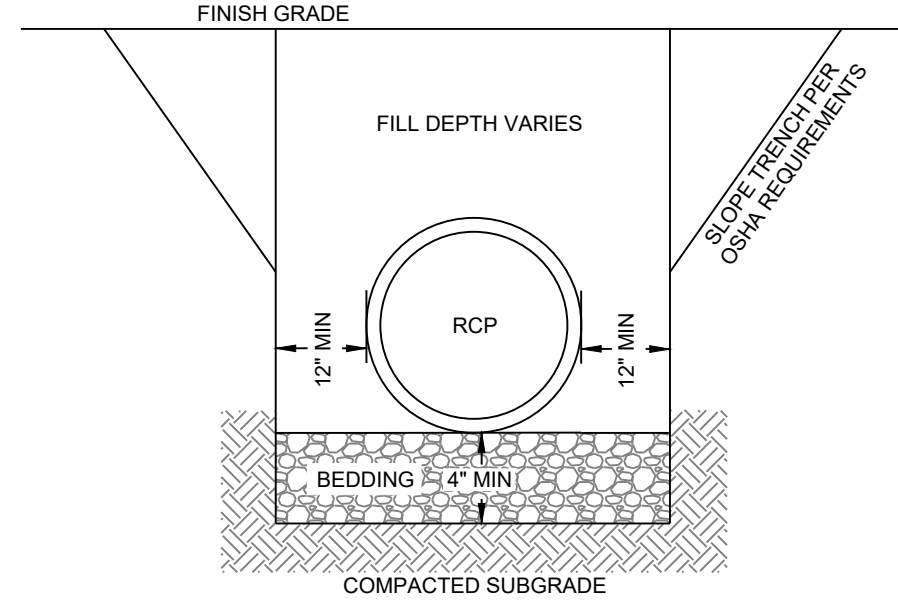
ALL PRODUCTS MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS  
WWW.ADSPIPE.COM  
PH. 1-800-821-6710

DATE	02/06/2023	PROJECT	ADS FLEXSTORM CATCH-IT
BY		SCALE	AS SHOWN



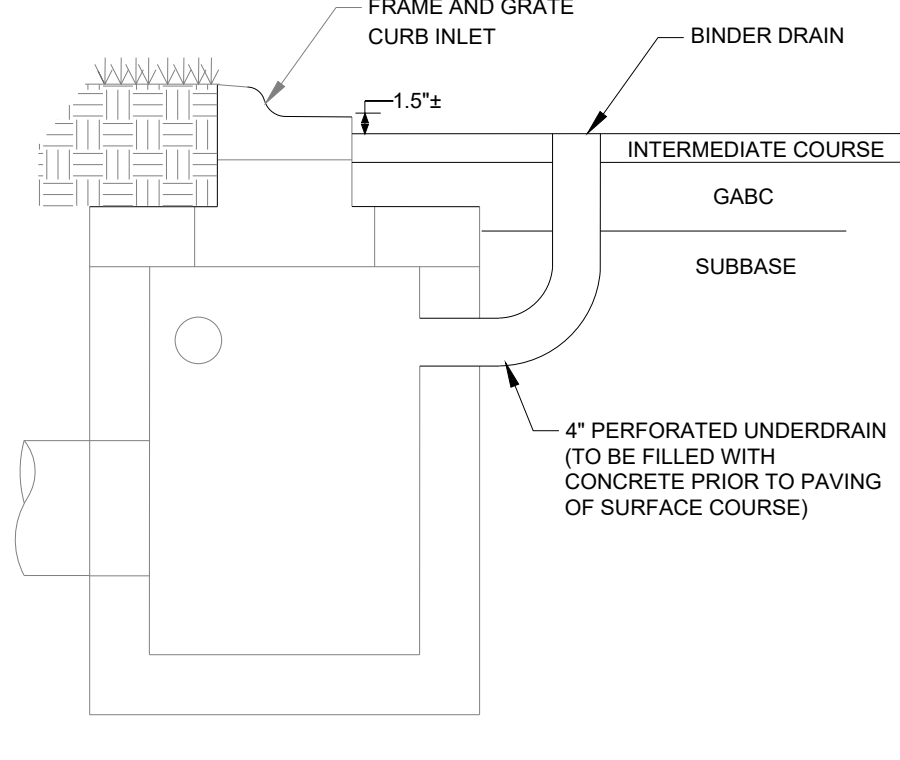
- NOTES
- MATERIAL UTILIZED AS FILL SHALL BE FREE OF LARGE ROCKS, DEBRIS, ORGANICS AND PLACED IN 6" LOOSE LIFTS AND COMPACTED TO 96% STANDARD PROCTOR.
  - BACKFILL MUST MEET SCDOT SUPPLEMENTAL SPECIFICATIONS SC-M-714

REINFORCED CONCRETE PIPE BEDDING SANDY SOILS	
D#	N.T.S.
DEVELOPMENT RESOURCE GROUP, LLC	

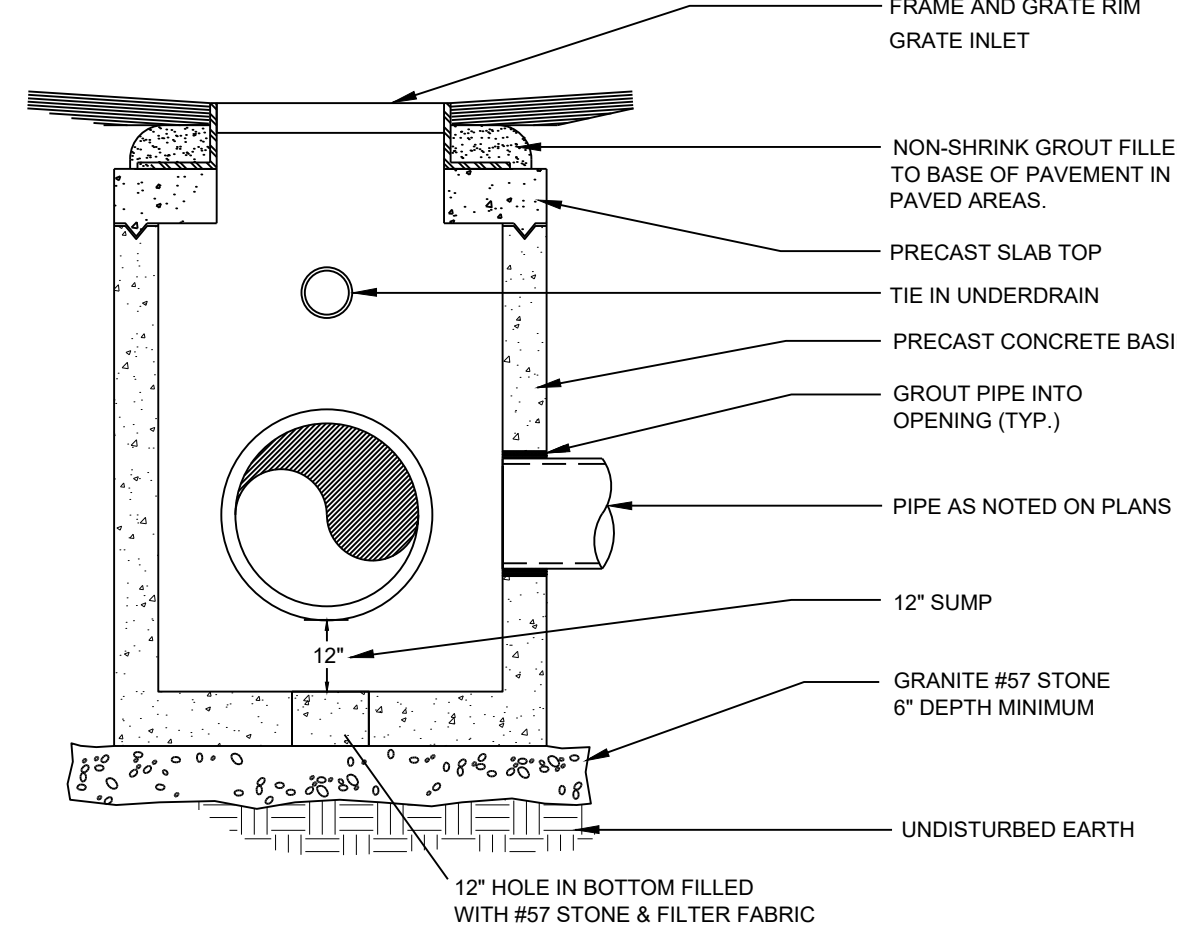


- NOTES
- BEDDING SHALL BE COMPACTED CRUSHED STONE (CLASS 1 MATERIAL) SHAPED TO THE BOTTOM OF PIPE.
  - MATERIAL UTILIZED AS FILL SHALL BE FREE OF LARGE ROCKS, DEBRIS, ORGANICS AND PLACED IN 6" LOOSE LIFTS AND COMPACTED TO 96% STANDARD PROCTOR.
  - BACKFILL MUST MEET SCDOT SUPPLEMENTAL SPECIFICATIONS SC-M-714

REINFORCED CONCRETE PIPE BEDDING CLAY SOILS & WET CONDITIONS	
D#	N.T.S.
DEVELOPMENT RESOURCE GROUP, LLC	

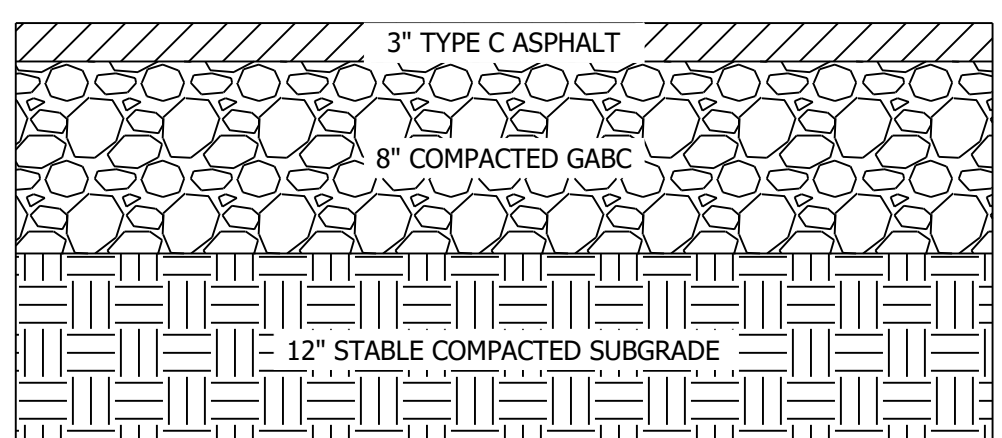


INTERMEDIATE / BASE COURSE BINDER DRAIN	
D#	N.T.S.
DEVELOPMENT RESOURCE GROUP, LLC	

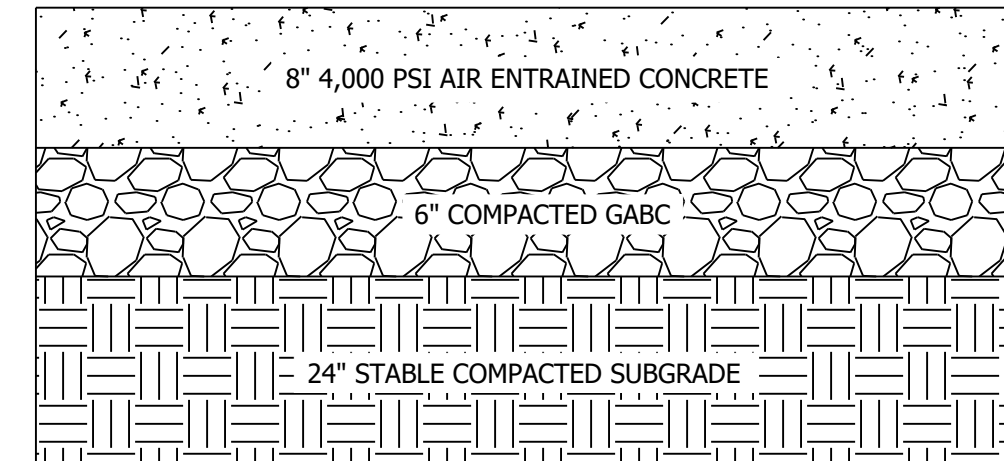


- NOTES
- ALL BASINS AND SLAB TOPS TO BE PRECAST AND DESIGNED FOR HS-20 LOAD RATING MINIMUM.
  - ANY STRUCTURE DEEPER THAN 4' SHALL HAVE STEPS

CATCH BASIN / JUNCTION BOX	
D1	N.T.S.
DEVELOPMENT RESOURCE GROUP, LLC	

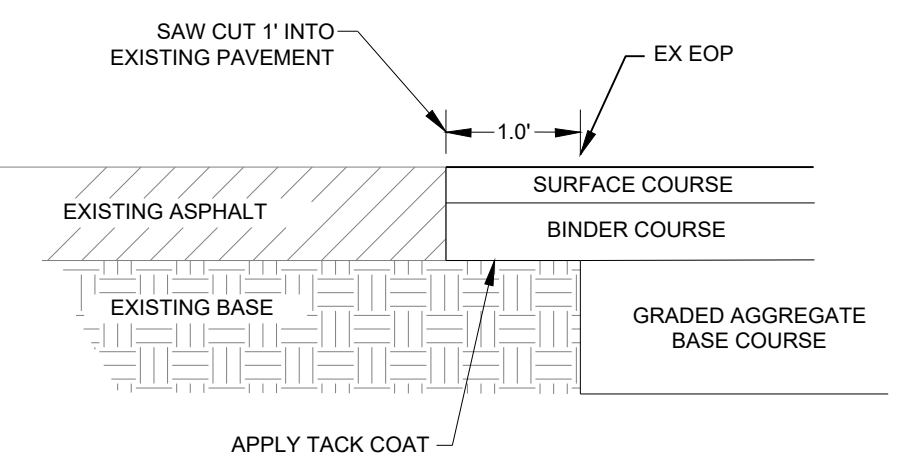


LIGHT DUTY ASPHALT PAVEMENT SECTION	
R#	N.T.S.
DEVELOPMENT RESOURCE GROUP, LLC	



- NOTE:
- CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI
  - AIR CONTENT SHALL BE 5%-7%
  - REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL DETAILS
  - AS STATED IN THE SCDOT SECTION 305 SPECIFICATION, WE RECOMMEND THAT ALL NEW BASE COURSE SHOULD BE COMPACTED TO AT LEAST 100 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (SC T-140)

CONCRETE PAVEMENT SECTION	
R#	N.T.S.
DEVELOPMENT RESOURCE GROUP, LLC	



SAW CUT PROPOSED PAVEMENT SEAM	
R#	N.T.S.
DEVELOPMENT RESOURCE GROUP, LLC	

JOB NO: 22186  
SCALE: NTS  
DESIGNED BY: C.BARRETT  
CHECKED BY: WAG  
APPROVED BY: WAG  
DATE: 11/27/23

SHEET NUMBER:  
**C8.0**

P:22186 - CCJ - B&C PARKING COMPLEX DESIGN DRAWINGS SHEET DRAWINGS/22186 COVER NOTES DETAILS DWG

**REFERENCES**

**NATIONAL DOCUMENTS**

**SCDOT DOCUMENTS**

**RELATED DRAWINGS & KEYWORDS**  
 150-205-00  
 720-105-01  
 720-105-02

THIS DRAWING IS ONLY VALID FOR CONSTRUCTION WHEN SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF SOUTH CAROLINA. CHECK WWW.SCDOT.ORG FOR LATEST UPDATE.

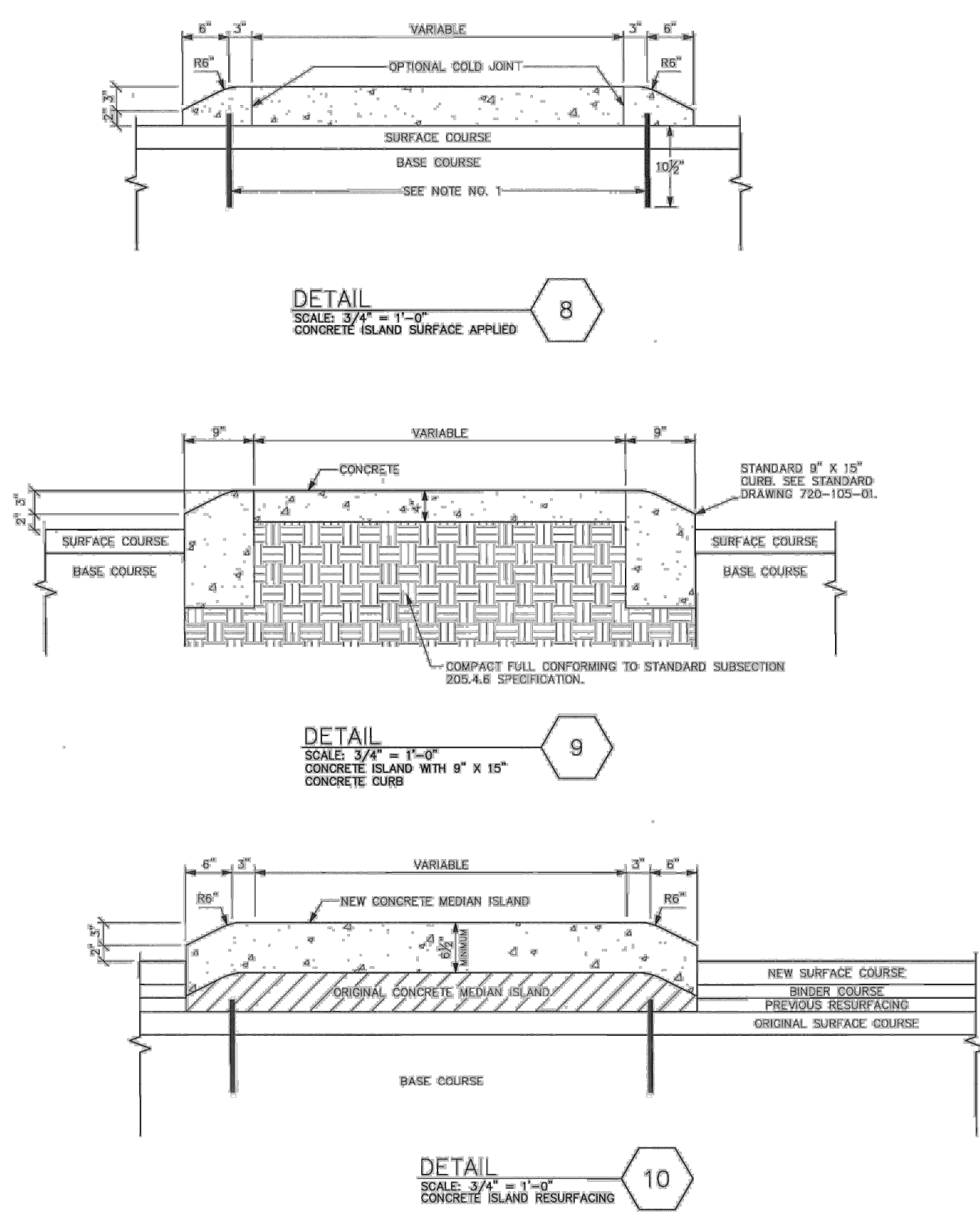
**SC SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER**  
 NO. 21242  
**JAMES W. KENDALL**  
 SIGNATURE  
 9-27-12  
 DATE

#	DATE	CHK	DESCRIPTION
6			
5			
4			
3			
2			
1			
0			

**SCDOT**  
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DESIGN STANDARDS OFFICE  
 180 PARK STREET  
 ROOM 405  
 COLUMBIA, SC 29201

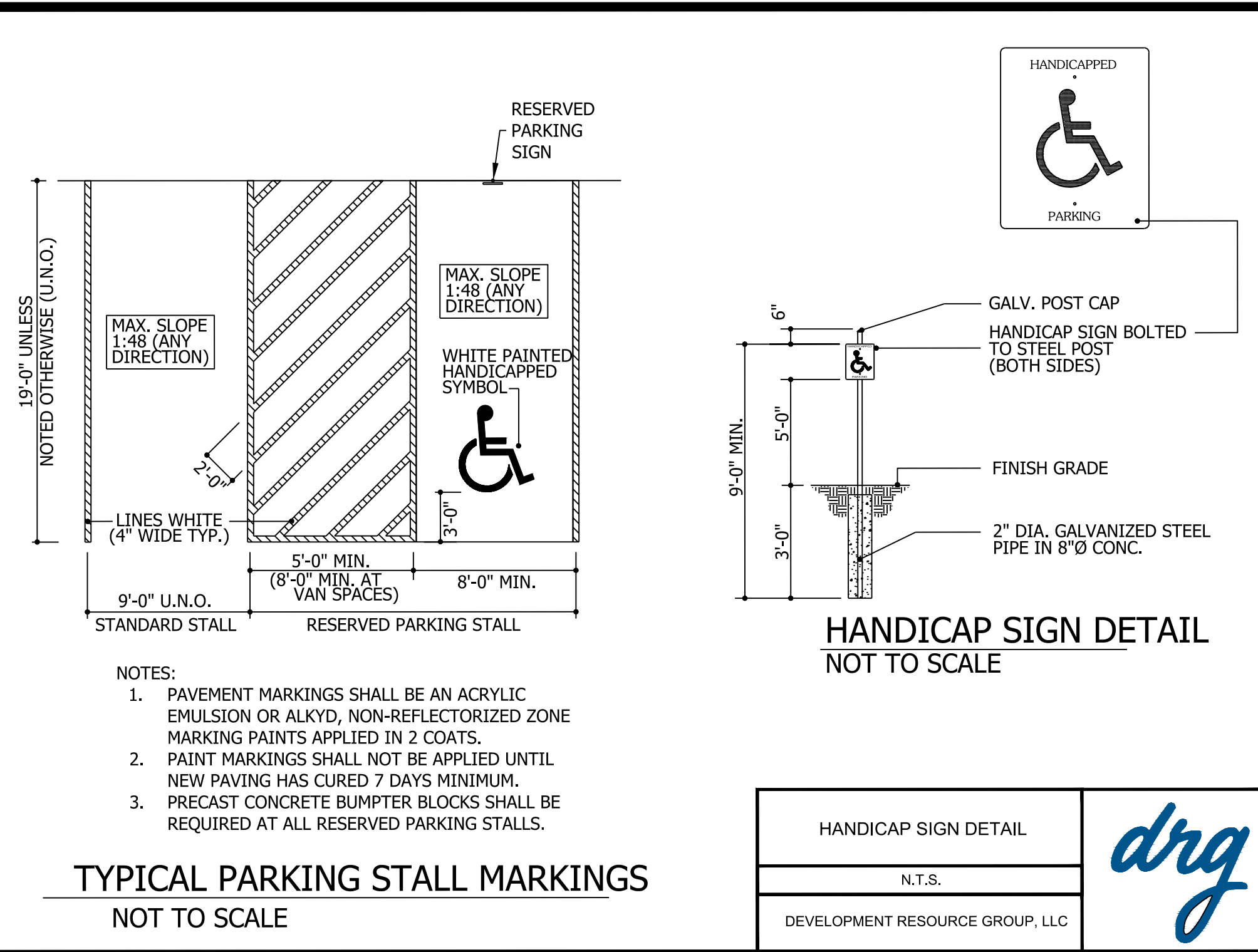
**STANDARD DRAWING**  
 CURB & GUTTER  
 (CONCRETE ISLANDS)

720-105-03  
 EFFECTIVE LETTING DATE JANUARY, 2003



**MOUNTABLE CURB**

- NOTES:**
1. WHEN DESIGN SPEED IS 45 MPH OR GREATER, USE (2) 3" DIAMETER STEEL DOWELS WITH 100' EMBEDMENT INTO PAVEMENT AT 10 FOOT INTERVALS. STEEL DOWELS ARE NOT REQUIRED WHEN DESIGN SPEED IS LESS THAN 45 MPH.
  2. TO INSURE PROPER DRAINAGE, GRADE GROUND SURFACE TOWARD STREET WITH A SLOPE OF 20:1 (8:1).
  3. SEE SHEET 720-105-01 FOR ADDITIONAL NOTES.

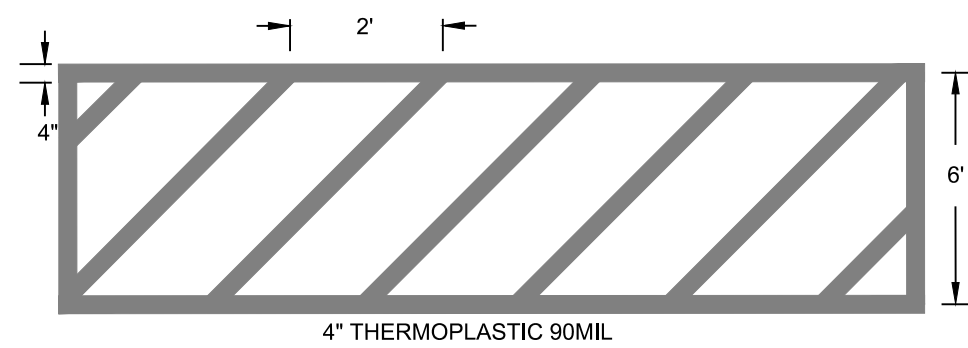


**TYPICAL PARKING STALL MARKINGS**  
 NOT TO SCALE

**HANDICAP SIGN DETAIL**  
 NOT TO SCALE

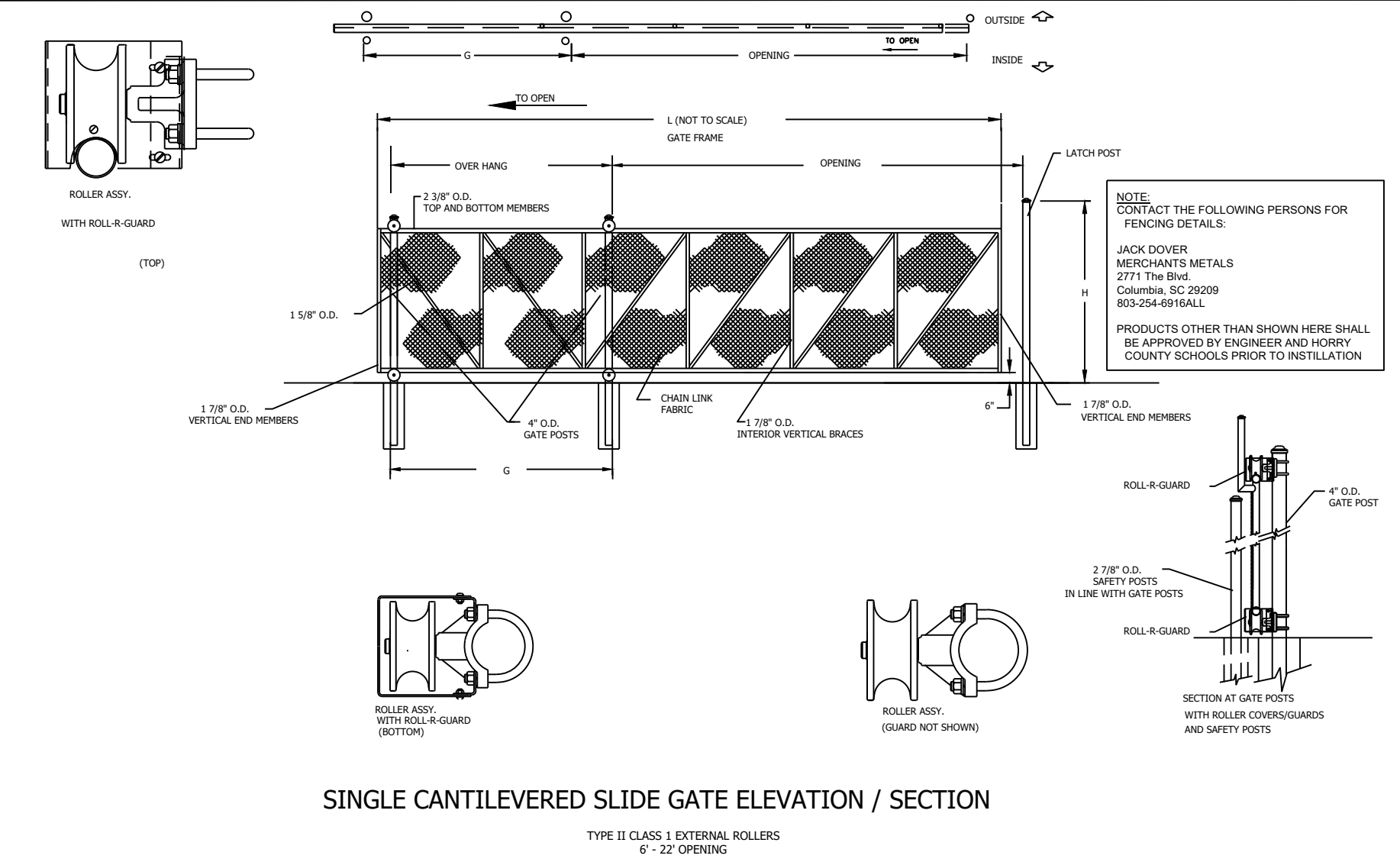
- NOTES:**
1. PAVEMENT MARKINGS SHALL BE AN ACRYLIC EMULSION OR ALKYD, NON-REFLECTORIZED ZONE MARKING PAINTS APPLIED IN 2 COATS.
  2. PAINT MARKINGS SHALL NOT BE APPLIED UNTIL NEW PAVING HAS CURED 7 DAYS MINIMUM.
  3. PRECAST CONCRETE BUMPTER BLOCKS SHALL BE REQUIRED AT ALL RESERVED PARKING STALLS.

HANDICAP SIGN DETAIL
N.T.S.
DEVELOPMENT RESOURCE GROUP, LLC



CROSSWALK STRIPING
R11 N.T.S. 03/01/23
DEVELOPMENT RESOURCE GROUP, LLC

- NOTES:**
1. ALL STOP BARS, CROSSWALKS, STRIPING AND SYMBOLS LOCATED IN PUBLIC RIGHT OF WAY SHALL BE THERMOPLASTIC



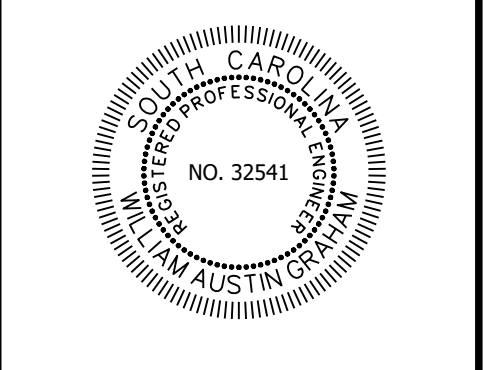
**SINGLE CANTILEVERED SLIDE GATE ELEVATION / SECTION**  
 TYPE II CLASS I EXTERNAL ROLLERS  
 6' - 22" OPENING

CHAIN LINK CANTILEVERED SLIDE GATE
C.R.B. N.T.S. 08/27/23
DEVELOPMENT RESOURCE GROUP, LLC

- NOTES:**
- DESIGN AND SPECIFICATION SUBJECT TO CHANGE FOOTING AND POSTS AS REQUIRED BY SITE CONDITIONS & CODES



DEVELOPMENT RESOURCE GROUP, LLC  
 4703 OLEANDER DRIVE  
 MYRTLE BEACH, SC 29577  
 843-839-3350 | DRGPLLC.COM



**DETAILS - 2**  
**B&C BLDG. (BBB) PARKING COMPLEX;**  
**H17-N138-MJ**

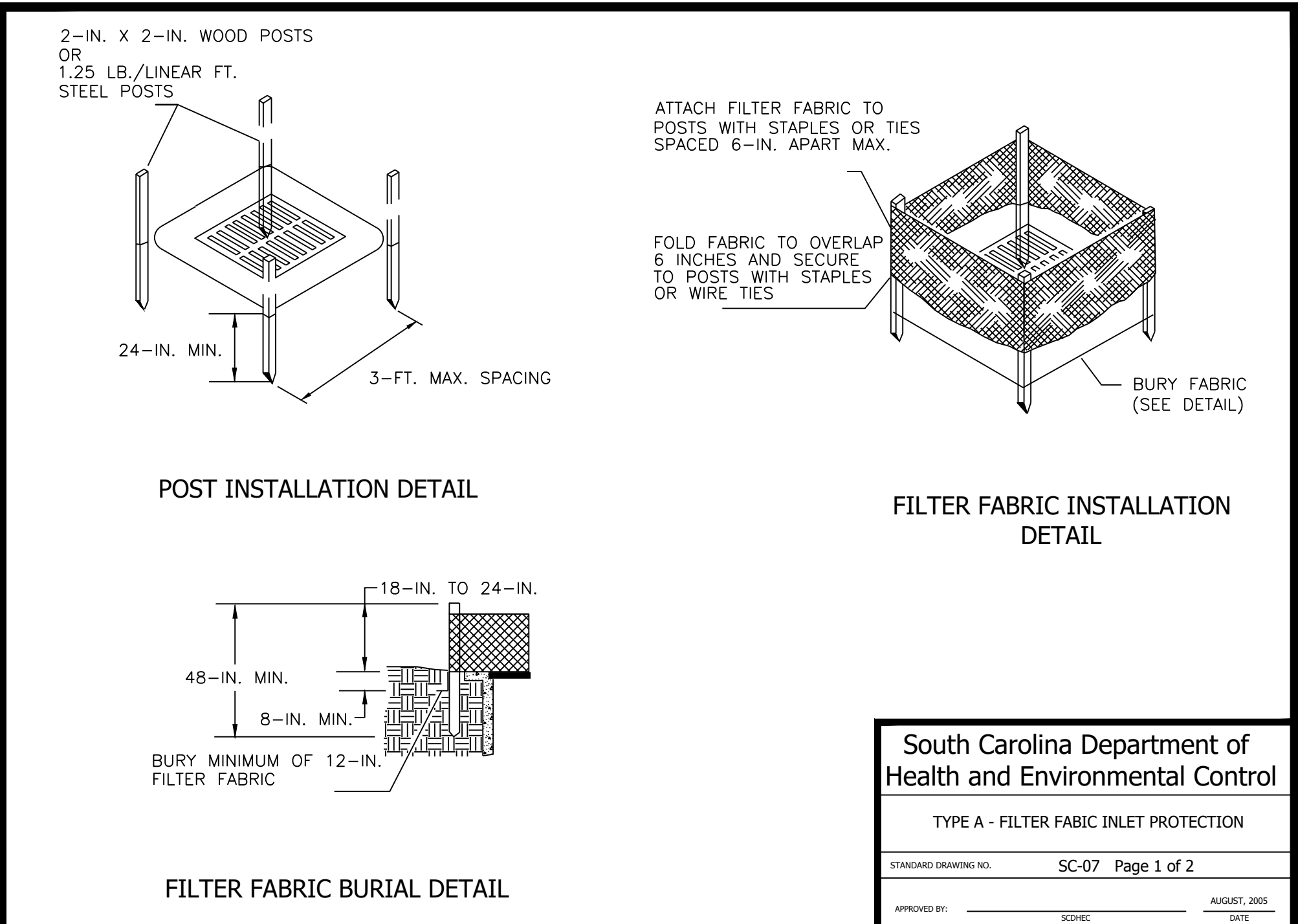
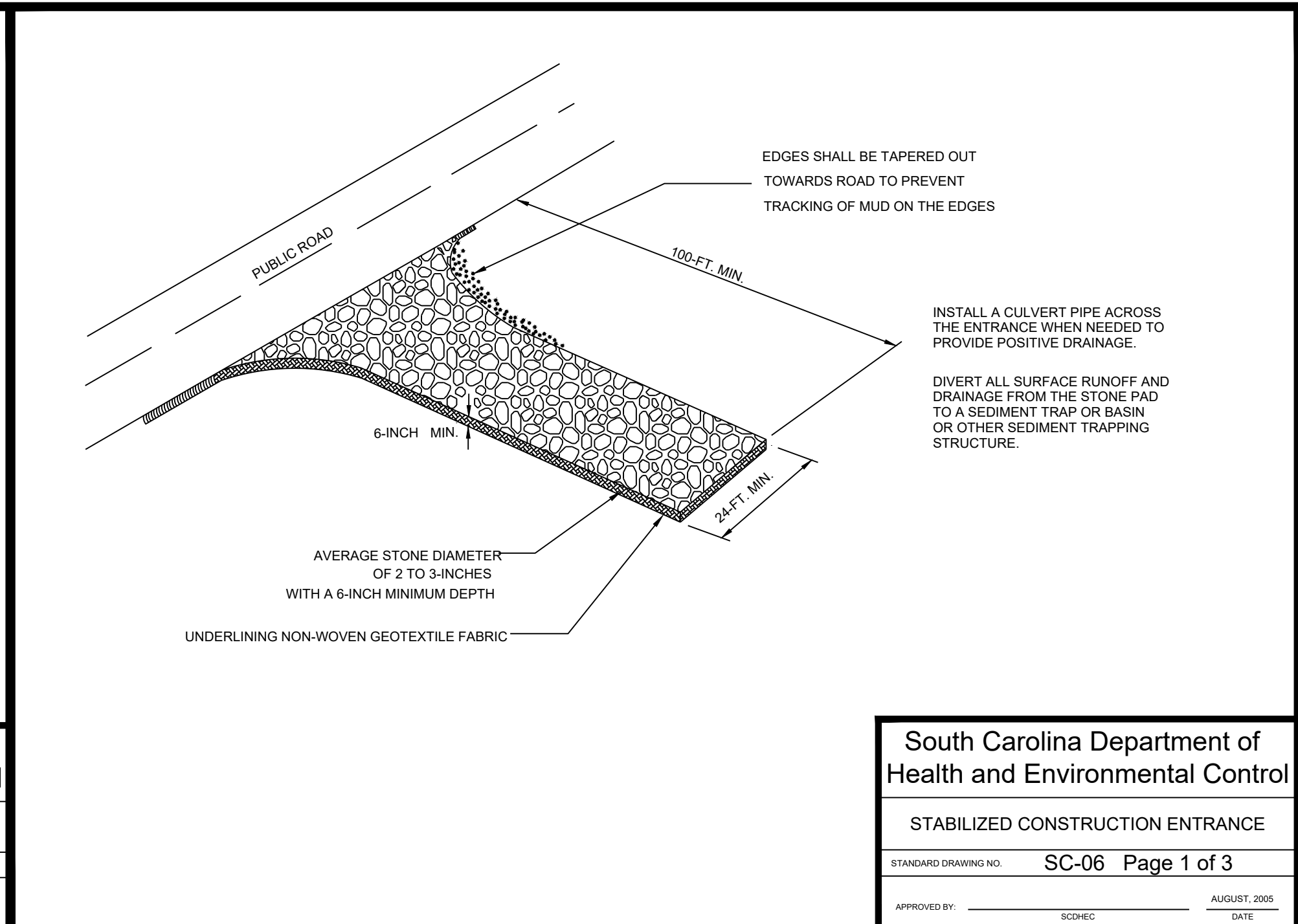
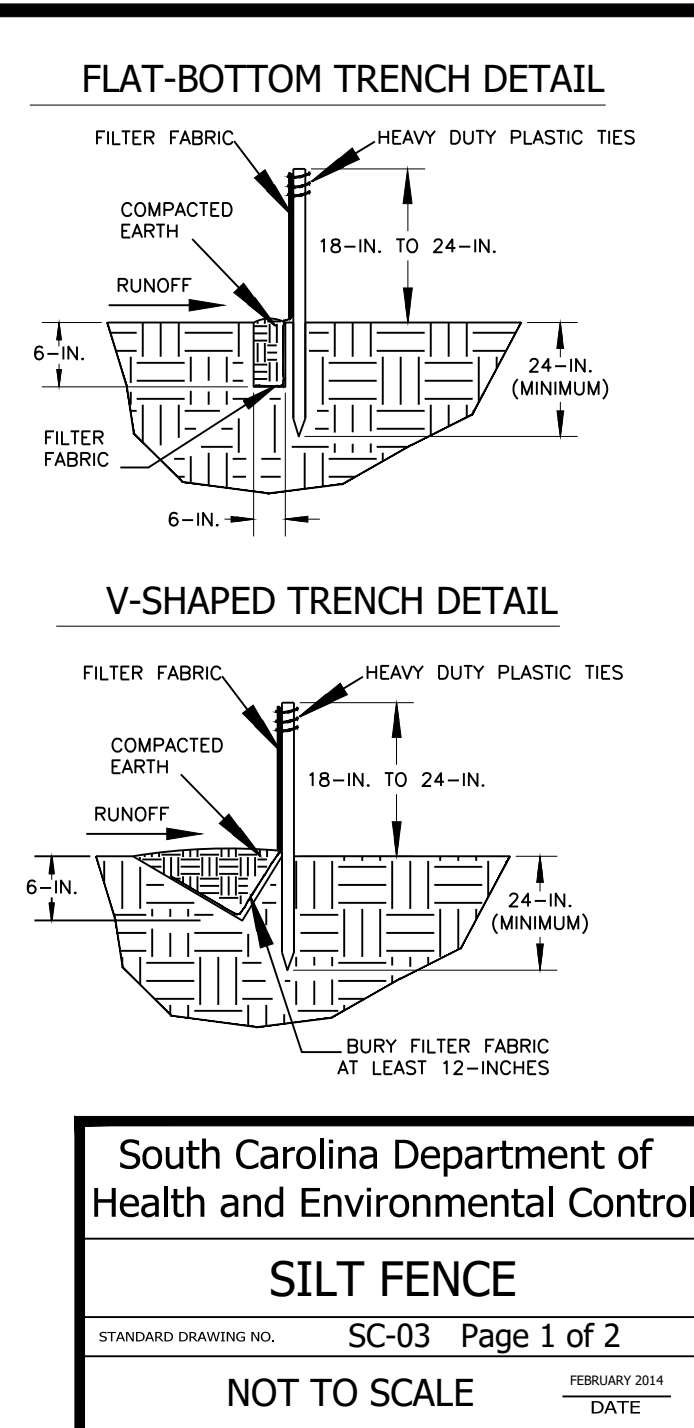
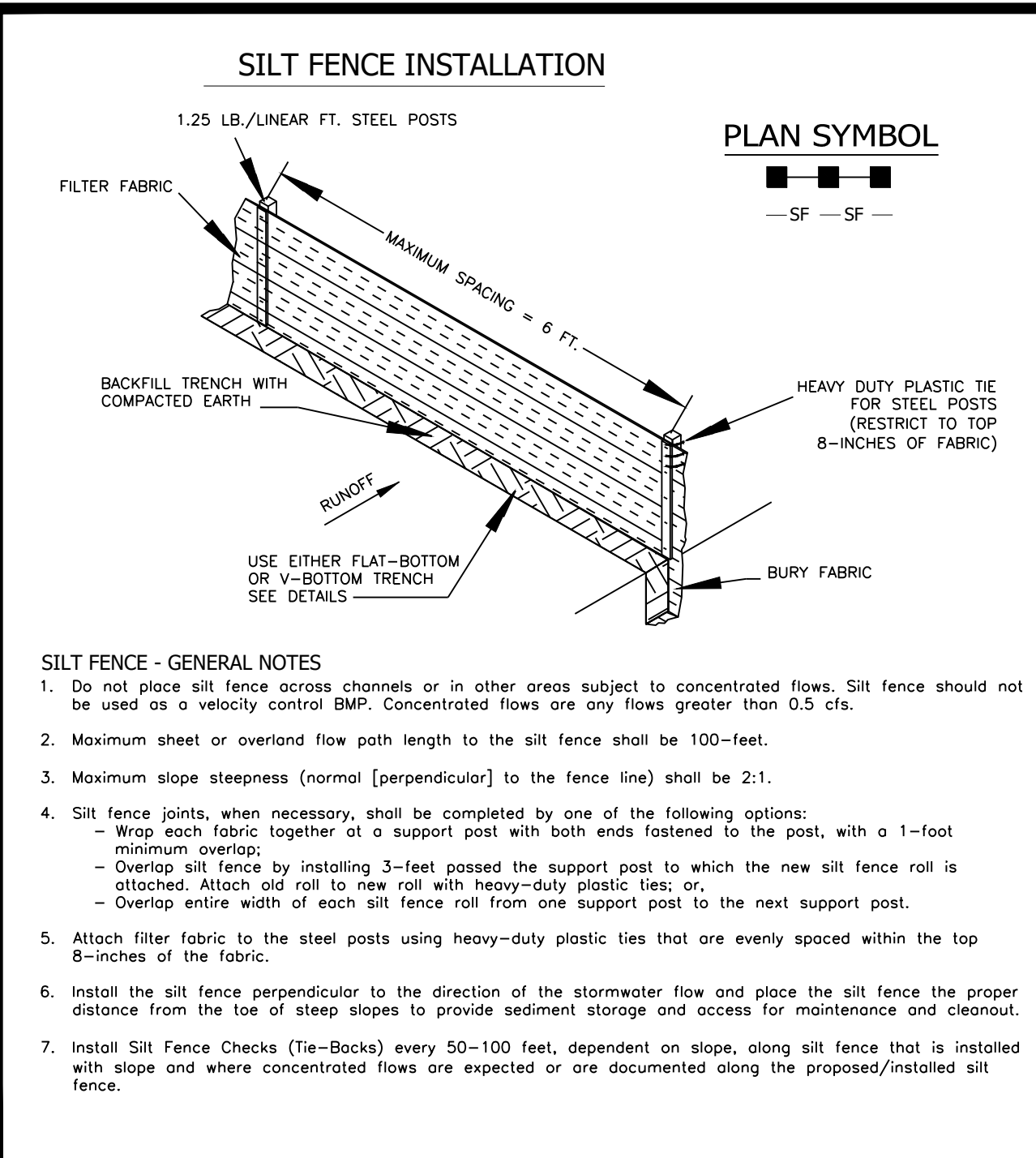
PREPARED FOR:  
 COASTAL CAROLINA UNIVERSITY  
 PO BOX 261954  
 CONWAY, SC 29528  
 MR. MARK AVANT, FE, LEED AP

**PLANS FOR PERMITTING**

JOB NO: 22186  
 SCALE: NTS  
 DESIGNED BY: C.BARRETT  
 CHECKED BY: WAG  
 APPROVED BY: WAG  
 DATE: 11/27/23

SHEET NUMBER:  
**C8.1**

P:22188 - CCU - B&C PARKING COMPLEX DRAWINGS SHEET DRAWINGS 22188 COVER NOTES DETAILS.DWG



- #### SILT FENCE - GENERAL NOTES
- Do not place silt fence across channels or in other areas subject to concentrated flows. Silt fence should not be used as a velocity control BMP. Concentrated flows are any flows greater than 0.5 cfs.
  - Maximum sheet or overland flow path length to the silt fence shall be 100-feet.
  - Maximum slope steepness (normal [perpendicular] to the fence line) shall be 2:1.
  - Silt fence joints, when necessary, shall be completed by one of the following options:
    - Wrap each fabric together at a support post with both ends fastened to the post, with a 1-foot minimum overlap;
    - Overlap silt fence by installing 3-feet passed the support post to which the new silt fence roll is attached. Attach old roll to new roll with heavy-duty plastic ties; or,
    - Overlap entire width of each silt fence roll from one support post to the next support post.
  - Attach filter fabric to the steel posts using heavy-duty plastic ties that are evenly spaced within the top 8-inches of the fabric.
  - Install the silt fence perpendicular to the direction of the stormwater flow and place the silt fence the proper distance from the toe of steep slopes to provide sediment storage and access for maintenance and cleanout.
  - Install Silt Fence Checks (Tie-Backs) every 50-100 feet, dependent on slope, along silt fence that is installed with slope and where concentrated flows are expected or are documented along the proposed/installed silt fence.

South Carolina Department of Health and Environmental Control

**SILT FENCE**

STANDARD DRAWING NO. SC-03 Page 1 of 2

NOT TO SCALE

FEBRUARY 2014 DATE

South Carolina Department of Health and Environmental Control

**STABILIZED CONSTRUCTION ENTRANCE**

STANDARD DRAWING NO. SC-06 Page 1 of 3

APPROVED BY: SCORED AUGUST, 2005 DATE

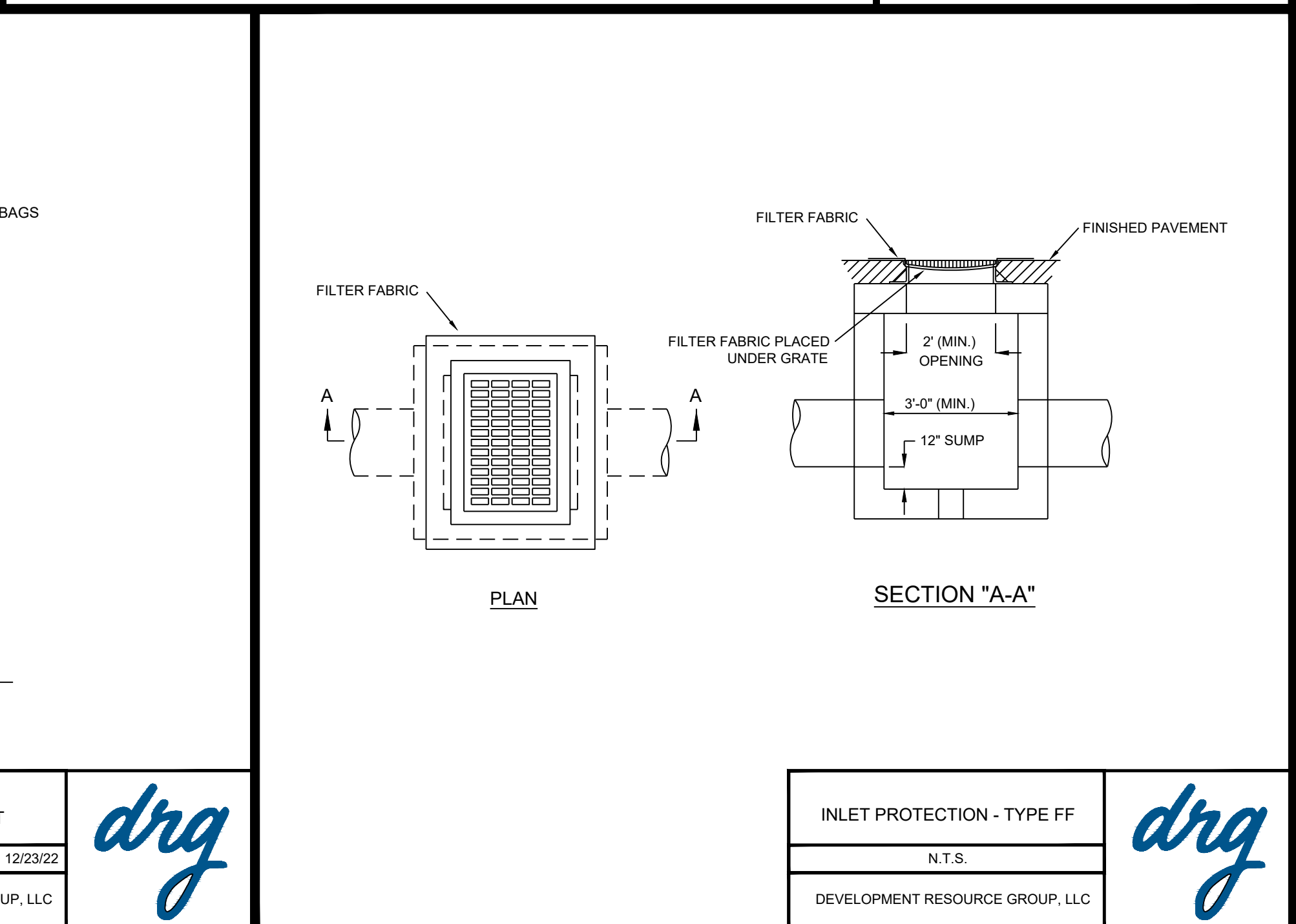
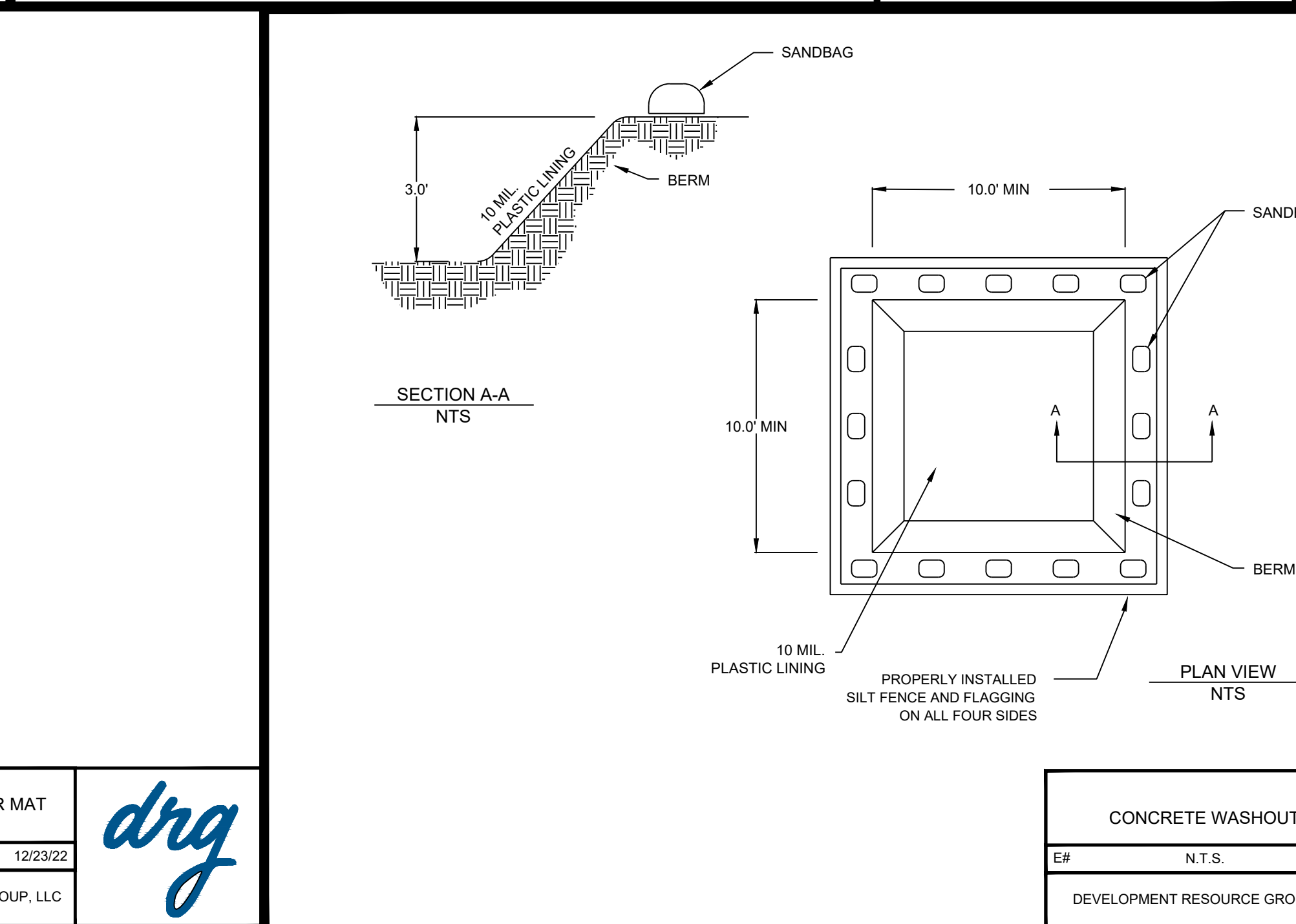
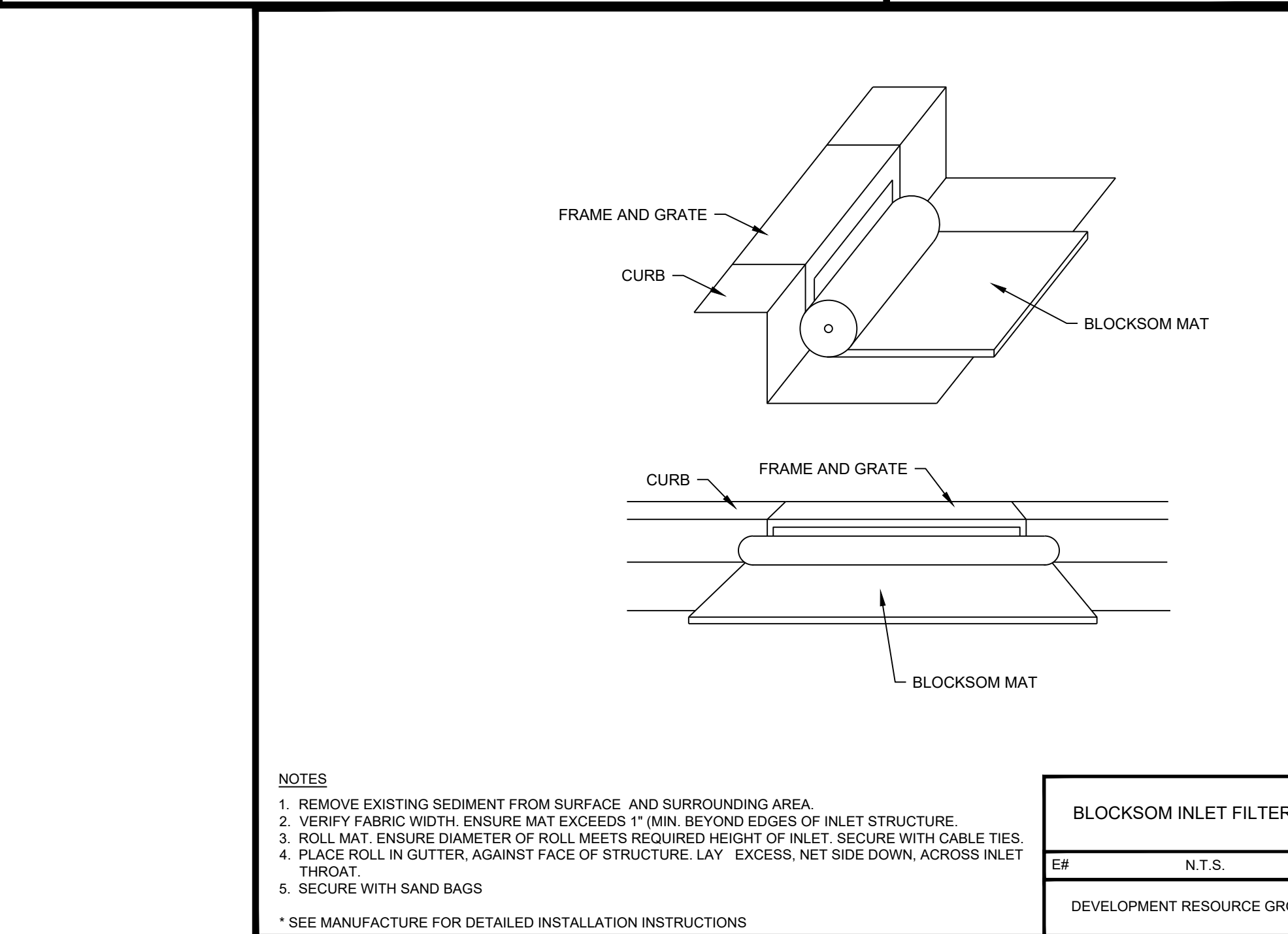
South Carolina Department of Health and Environmental Control

**TYPE A - FILTER FABRIC INLET PROTECTION**

STANDARD DRAWING NO. SC-07 Page 1 of 2

APPROVED BY: SCORED AUGUST, 2005 DATE

DEVELOPMENT RESOURCE GROUP, LLC  
 4703 OLEANDER DRIVE  
 MYRTLE BEACH, SC 29577  
 843-839-3350 | DRGPLLC.COM



NOTES

- REMOVE EXISTING SEDIMENT FROM SURFACE AND SURROUNDING AREA.
- VERIFY FABRIC WIDTH. ENSURE MAT EXCEEDS 1" (MIN. BEYOND EDGES OF INLET STRUCTURE).
- ROLL MAT. ENSURE DIAMETER OF ROLL MEETS REQUIRED HEIGHT OF INLET. SECURE WITH CABLE TIES.
- PLACE ROLL IN GUTTER, AGAINST FACE OF STRUCTURE. LAY EXCESS NET SIDE DOWN, ACROSS INLET THROAT.
- SECURE WITH SAND BAGS

\*SEE MANUFACTURE FOR DETAILED INSTALLATION INSTRUCTIONS

BLOCKSOM INLET FILTER MAT		
E#	N.T.S. 12/23/22	
DEVELOPMENT RESOURCE GROUP, LLC		

CONCRETE WASHOUT		
E#	N.T.S. 12/23/22	
DEVELOPMENT RESOURCE GROUP, LLC		

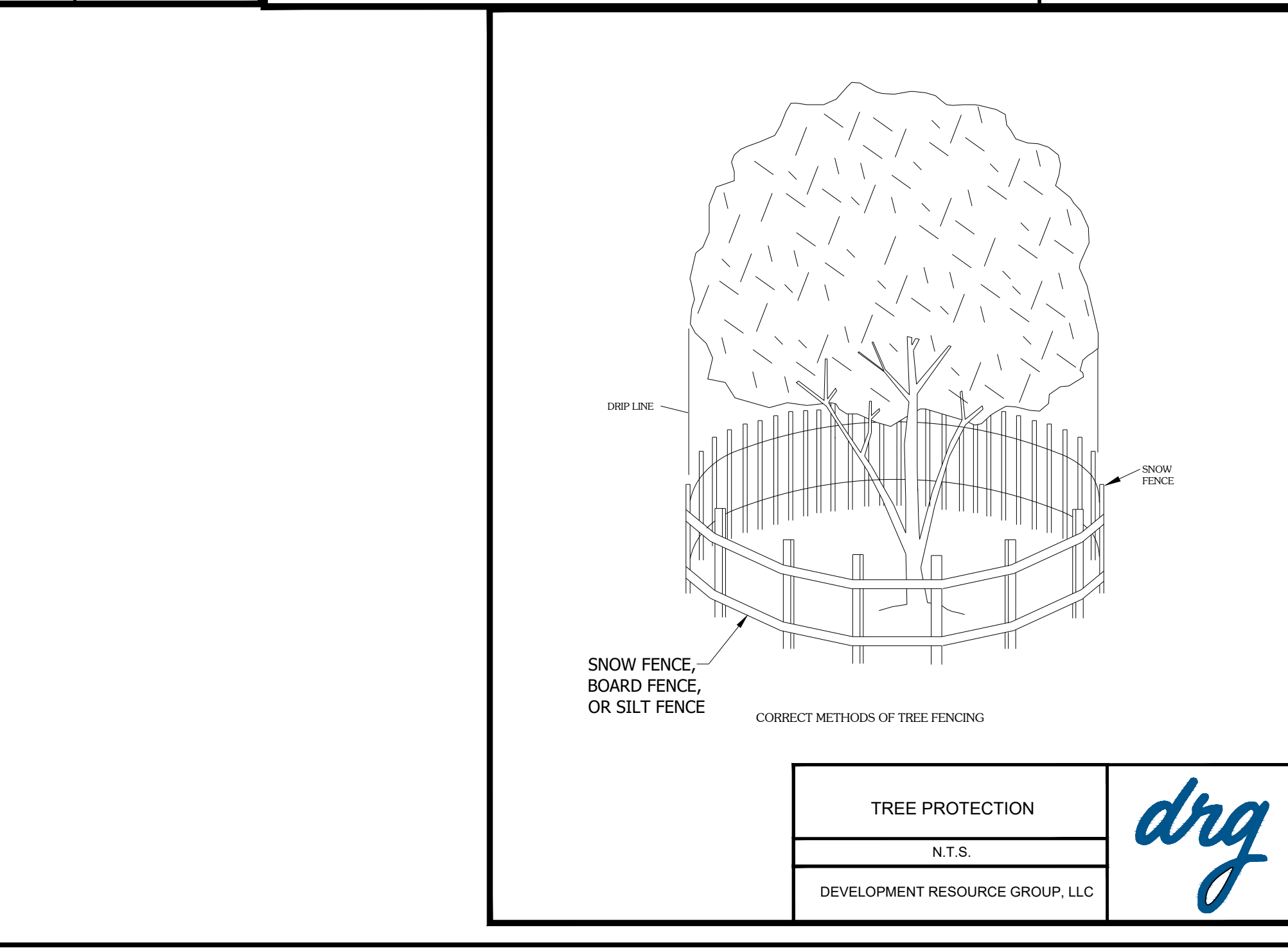
INLET PROTECTION - TYPE FF		
E#	N.T.S.	
DEVELOPMENT RESOURCE GROUP, LLC		

DETAILS - 3

B&C BLDG. (BBB) PARKING COMPLEX; H17-N138-MJ

PREPARED FOR:  
 COASTAL CAROLINA UNIVERSITY  
 PO BOX 261954  
 CONWAY, SC 29528  
 MR. MARK AVANT, PE, LEED AP

**PLANS FOR PERMITTING**



TREE PROTECTION		
E#	N.T.S.	
DEVELOPMENT RESOURCE GROUP, LLC		

RIP-RAP		
E#	N.T.S. 12/23/22	
DEVELOPMENT RESOURCE GROUP, LLC		

JOB NO: 22188

SCALE: NTS

DESIGNED BY: C.BARRETT

CHECKED BY: WAG

APPROVED BY: WAG

DATE: 11/27/23

SHEET NUMBER:

**C8.2**

P:22188 - CCU - B&C PARKING COMPLEX DESIGN DRAWINGS LANDSCAPE 22188.LSCP.DWG 2023-11-28 DRG.LLC

**BUFFER PLANTINGS**

**BUFFER #1 TYPE B**  
 LINEAR LENGTH OF BUFFER: 500'  
 SPATIAL  
 BUFFER WIDTH REQUIRED: 5'  
 BUFFER WIDTH PROVIDED: 10 (25% EVERGREEN)  
 REQUIRED CANOPY TREES: 10 (25% EVERGREEN)  
 REQUIRED UNDERSTORY TREES: 10 (25% EVERGREEN)  
 PROVIDED SHRUBS: 100 (100% EVERGREEN)

PROVIDED CANOPY TREES: 10 (75% EVERGREEN)  
 PROVIDED UNDERSTORY TREES: 10 (25% EVERGREEN)  
 PROVIDED SHRUBS: 100 (100% EVERGREEN)

EXISTING CANOPY TREES: 0 (0% EVERGREEN)  
 EXISTING UNDERSTORY TREES: 0 (0% EVERGREEN)  
 EXISTING SHRUBS: 0 (0% EVERGREEN)

**BUFFER #2 TYPE B**  
 LINEAR LENGTH OF BUFFER: 400'  
 SPATIAL  
 BUFFER WIDTH REQUIRED: 5'  
 BUFFER WIDTH PROVIDED: 8 (25% EVERGREEN)  
 REQUIRED CANOPY TREES: 8 (25% EVERGREEN)  
 REQUIRED UNDERSTORY TREES: 80 (100% EVERGREEN)

PROVIDED CANOPY TREES: 8 (75% EVERGREEN)  
 PROVIDED UNDERSTORY TREES: 8 (25% EVERGREEN)  
 PROVIDED SHRUBS: 80 (100% EVERGREEN)

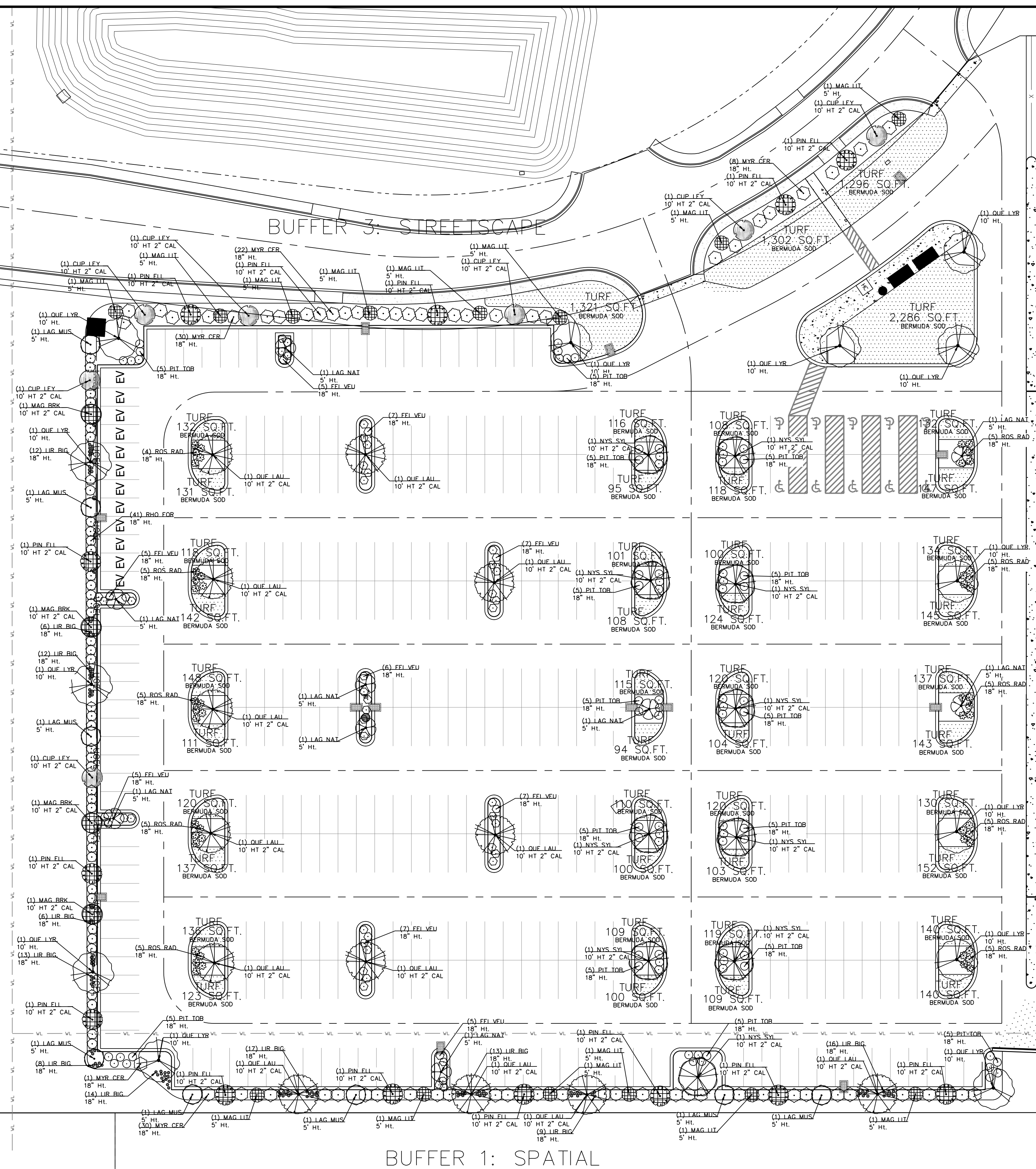
EXISTING CANOPY TREES: 0 (0% EVERGREEN)  
 EXISTING UNDERSTORY TREES: 0 (0% EVERGREEN)  
 EXISTING SHRUBS: 0 (0% EVERGREEN)

**BUFFER #3 TYPE C**  
 LINEAR LENGTH OF BUFFER: 350'  
 STREETSCAPE  
 NON-RESIDENTIAL  
 BUFFER WIDTH REQUIRED: 10'  
 BUFFER WIDTH PROVIDED: 10 (25% EVERGREEN)  
 REQUIRED CANOPY TREES: 10 (25% EVERGREEN)  
 REQUIRED UNDERSTORY TREES: 40 (100% EVERGREEN)

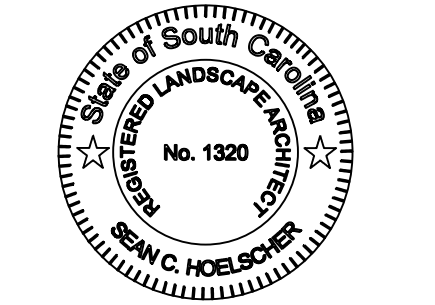
PROVIDED CANOPY TREES: 10 (75% EVERGREEN)  
 PROVIDED UNDERSTORY TREES: 10 (25% EVERGREEN)  
 PROVIDED SHRUBS: 40 (100% EVERGREEN)

EXISTING CANOPY TREES: 0 (0% EVERGREEN)  
 EXISTING UNDERSTORY TREES: 0 (0% EVERGREEN)  
 EXISTING SHRUBS: 0 (0% EVERGREEN)

BUFFER 2: SPATIAL



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LANDSCAPE PLAN

B&C BLDG. (BBB) PARKING  
COMPLEX; H17-N138-MJ

PREPARED FOR:

COASTAL CAROLINA UNIVERSITY  
PO BOX 261954  
CONWAY, SC 29528  
MR. MARK AVANT, PE, LEED AP

PLANS FOR  
PERMITTING

JOB NO:	22188
SCALE:	1"=30'
DESIGNED BY:	SCH
CHECKED BY:	SCH
APPROVED BY:	WAG
DATE:	11/27/23

SHEET NUMBER:

L1

GRAPHIC SCALE



(IN FEET)

1 inch = 30 ft.

2023-11-28 DRG, LLC

P: 221-881 - CCU - B&C PARKING COMPLEX DESIGN DRAWINGS LANDSCAPE 22-186 LSCP.DWG

**LANDSCAPE NOTES:**

- REFERENCE SITE WORK AND SPECIFICATIONS FOR INFORMATION NEEDED FOR LANDSCAPE WORK.
- CONTRACTOR TO VERIFY AND LOCATE ALL PROPOSED AND EXISTING STRUCTURES. NOTIFY LANDSCAPE ARCHITECT OR DESIGNATED REPRESENTATIVE FOR ANY LAYOUT DISCREPANCIES OR ANY CONDITION THAT WOULD PROHIBIT THE INSTALLATION AS SHOWN.
- CONTRACTOR SHALL CALL 811 TO VERIFY AND LOCATE ANY AND ALL UTILITIES ON SITE PRIOR TO COMMENCING WORK. LANDSCAPE ARCHITECT SHOULD BE NOTIFIED OF ANY CONFLICTS.
- QUANTITIES ON THESE PLANS ARE FOR REFERENCE ONLY.
- THE SPACING OF PLANTS SHOULD BE AS INDICATED ON PLANS OR OTHERWISE NOTED. ALL TREES AND SHRUBS SHALL BE PLANTED PER DETAILS.
- A MINIMUM OF 2% SLOPE SHALL BE PROVIDED AWAY FROM ALL STRUCTURES.
- LANDSCAPE ISLANDS SHALL BE CROWNED, AND UNIFORM THROUGHOUT THE SITE.
- ALL PLANTING AREAS SHALL BE GRADED SMOOTH TO ACHIEVE FINAL CONTOURS AS INDICATED ON PLAN WITH 3" OF TOPSOIL AND 3" OF COMPOST AND CONSISTENTLY BLENDED TO A DEPTH OF 9". ALL BEDS SHALL BE CROWNED TO ANTICIPATE SETTLEMENT AND ENSURE PROPER DRAINAGE.
- PLANTING AREAS AND SOD TO BE SEPARATED BY "V-NOTCH" AS PER DETAILS.
- MULCH SHALL BE INSTALLED AT 1/2" BELOW THE TOPS OF SIDEWALKS AND CURBING.
- CONTAINER GROWN PLANT MATERIAL IS PREFERRED UNLESS INDICATED ON THE PLANT QUANTITIES. BALL AND BURLAP PLANT MATERIAL CAN BE SUBSTITUTED IF NEEDED AND IS APPROPRIATE TO THE SIZE AND QUALITY INDICATED ON THE PLANT MATERIAL LIST.
- TREES SHALL BE PLANTED AT A MINIMUM OF 5' FROM ANY UTILITY LINE, SIDEWALK OR CURB. TREES SHALL ALSO BE 10' CLEAR FROM FIRE HYDRANTS.
- 4" OF TRIPLE GROUND DARK HARDWOOD MULCH (2" SETTLED THICKNESS) SHALL BE PLACED IN ALL LANDSCAPE BEDS AFTER PLANTING IS COMPLETED.
- CONTRACTOR TO PROVIDE UNIT PRICING OF LANDSCAPE MATERIALS AND BE RESPONSIBLE FOR OBTAINING ALL LANDSCAPE AND IRRIGATION PERMITS.
- HEIGHT AND CALIPER SIZE SUPERSEDE GALLON SIZE AT THE TIME OF PLANTING.

**IRRIGATION:**

- IN THE ABSENCE OF AN IRRIGATION SYSTEM OR AREAS BEYOND THE COVERAGE LIMITS OF A PERMANENT IRRIGATION SYSTEM, CONTRACTOR SHALL WATER SOD TEMPORARILY, BY ANY MEANS AVAILABLE, TO DEVELOP ADEQUATE GROWTH. TURF SHALL BE IN 100% ESTABLISHMENT AT THE TIME OF ACCEPTANCE BY OWNER.
- HOSE BIB WITHIN 50' OF LANDSCAPE MATERIAL IN THE ABSENCE OF A MECHANICAL IRRIGATION SYSTEM.

**MAINTENANCE REQUIREMENTS:**

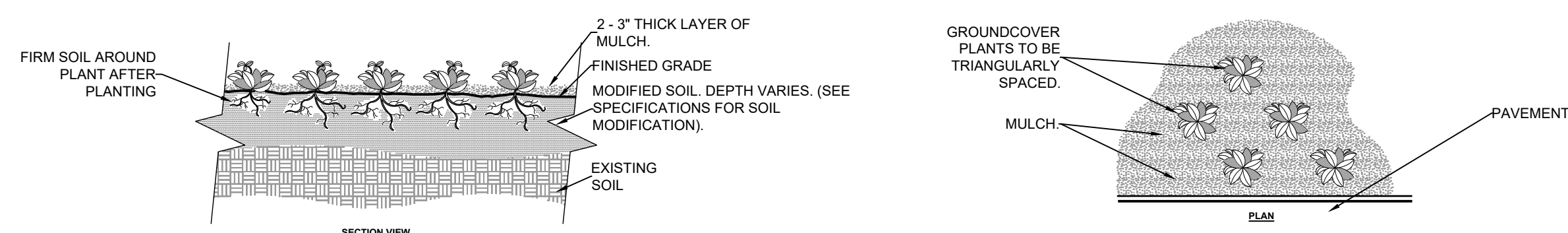
- VEGETATION SHOULD BE INSPECTED REGULARLY TO ENSURE THAT PLANT MATERIAL IS ESTABLISHING PROPERLY AND REMAINS IN A HEALTHY GROWING CONDITION APPROPRIATE FOR THE SEASON. IF DAMAGED OR REMOVED, PLANTS MUST BE REPLACED BY A SIMILAR VARIETY AND SIZE.
- PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR FOLLOWING THE ACCEPTANCE BY OWNING. SHOULD PLANT MATERIAL FAIL DURING THAT WARRANTY PERIOD THE OWNER MAY REQUEST FOR THE ONE-TIME REPLACEMENT.
- MOWING, TRIMMING, EDGING AND SUPERVISION OF WATER APPLICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE OWNER OR OWNER'S REPRESENTATIVE ACCEPTS AND ASSUMES REGULAR MAINTENANCE.
- ALL LANDSCAPE AREAS SHOULD BE CLEANED AND KEPT FREE OF TRASH, DEBRIS, WEEDS AND OTHER MATERIAL.

**GENERAL TURF NOTES**

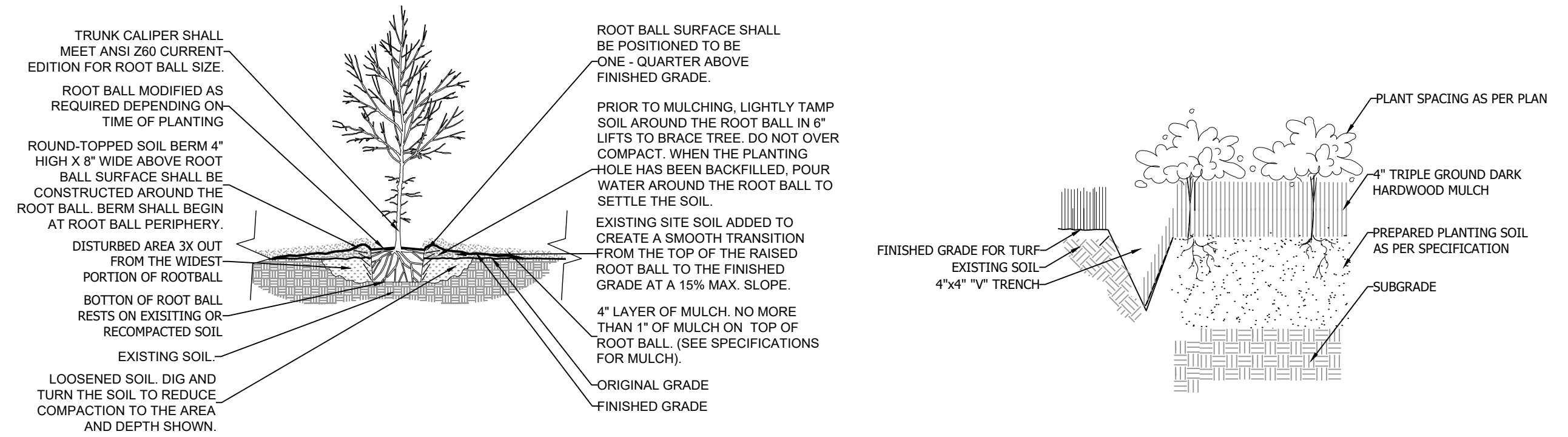
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TOP SOIL AT THE CORRECT GRADES. CONTRACTOR TO FINE GRADE AREAS TO REACH FINAL CONTOURS AS SPECIFIED PER CIVIL PLANS. ALL CONTOURS SHOULD ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND STRUCTURES. WATER SHOULD NOT BE ABLE TO POOL IN ANY AREAS UNLESS SPECIFIED OTHERWISE. EROSION CONTROL FABRIC TO BE USED WHERE NECESSARY TO PREVENT SOIL EROSION.
- ANY LOSS OF TOPSOIL OR TURF DUE TO EROSION IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL IT IS 100% ESTABLISHED.
- CONTRACTOR TO REMOVE ANY ROCKS 3/4" AND LARGER, STICKS AND DEBRIS PRIOR TO INSTALLATION OF TOPSOIL AND SOD.
- FOUR (4") OF TOPSOIL SHALL BE APPLIED TO AREAS DISTURBED BY CONSTRUCTION RECEIVING SOD. IF TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL AS APPROVED BY THE OWNER OR OWNERS REPRESENTATIVE.
- TOPSOIL SHALL BE FRIABLE, NATURAL LOAM, FREE OF ROCKS, WEEDS, BRUSH, CLAY LUMPS, ROOTS, TWIGS, LITTER AND ENVIRONMENTAL CONTAMINANTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SOD UNTIL ACCEPTANCE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: MOWING, WATERING, WEEDING, CULTIVATING, CLEANING AND REPLACING DEAD OR BARE AREAS TO KEEP PLANTS IN A VIGOROUS, HEALTHY CONDITION. SOD SHALL BE REPLACED IF NECESSARY.
- CENTPEDE / BERMUDA SOD SHALL BE PLACED ALONG ALL IMPERVIOUS EDGES, AT A MINIMUM. THIS SHALL INCLUDE CURBS, WALKS, INLETS, MANHOLES AND PLANTING BED AREAS. SOD SHALL COVER OTHER AREAS COMPLETELY AS INDICATED BY PLAN.
- SOD SHALL BE STRONGLY ROOTED DROUGHT RESISTANT SOD, FRESHLY CUT, FREE OF WEEDS AND UNDESIRABLE NATIVE GRASS AND MACHINE CUT TO PAD THICKNESS OF 3/4" (+1/4"), EXCLUDING TOP GROWTH AND THATCH. PROVIDE ONLY SOD CAPABLE OF VIGOROUS GROWTH AND DEVELOPMENT WHEN PLANTED.
- LAY SOD WITH TIGHTLY FITTING JOINTS, NO OVERLAPS WITH STAGGERED STRIPS TO OFFSET JOINTS.
- SOD SHALL BE ROLLED TO CREATE A SMOOTH EVEN SURFACE. SOD SHOULD BE WATERED THOROUGHLY DURING INSTALLATION PROCESS.
- SHOULD INSTALLATION OCCUR BETWEEN OCTOBER 1ST AND MARCH 1ST, SOD SHALL INCLUDE AN OVER-SEED OF ANNUAL RYE OR WINTER RYEGRASS AT A RATE OF FOUR POUNDS PER ONE THOUSAND SQUARE FEET FOR A GROWN-IN APPEARANCE.

**LIGHTING NOTES**

- LIGHT FIXTURES SHALL BE FULL-CUTOFF AND MEET ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) CRITERIA.
- LIGHTING SHALL BE AIMED STRAIGHT DOWN.
- PARKING LOT LIGHTING SHALL HAVE LIGHTING NO GREATER THAN SIXTEEN FEET IN HEIGHT.

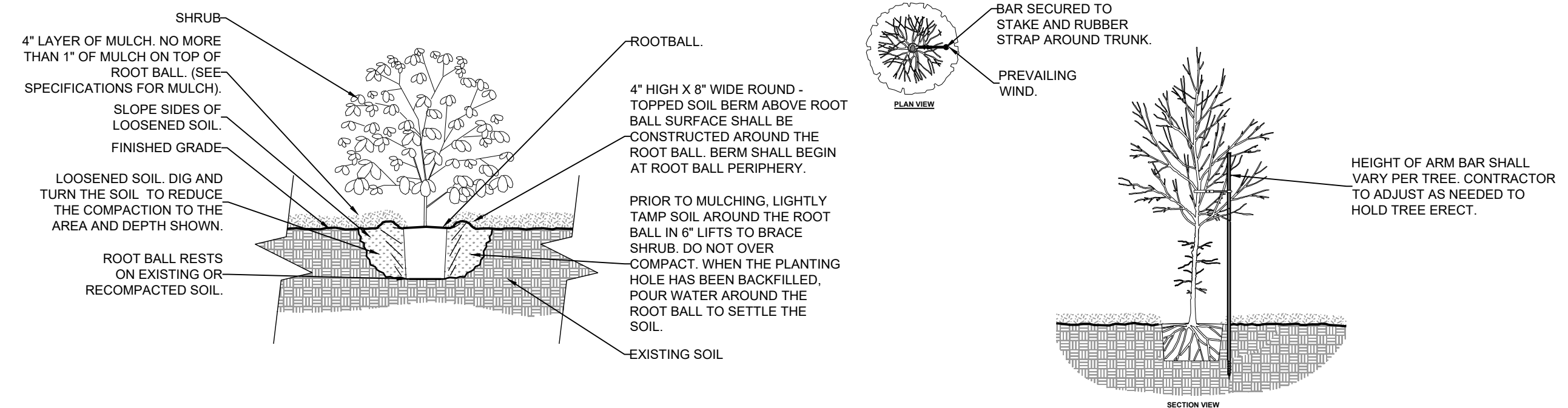


5. GROUND COVER PLANTING DETIAL



1. TREE PLANTING DETAIL

3. BED EDGING DETAIL



2. SHRUB PLANTING DETAIL

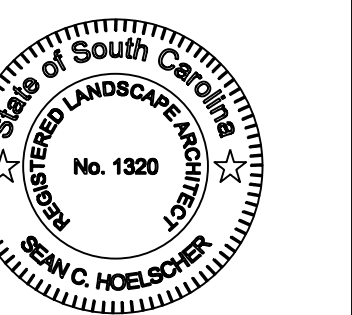
4. TREE STAKING DETAIL

**PLANT SCHEDULE**

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	QTY	DETAIL	REMARKS
<b>TREES</b>							
	LAG MUS	Lagerstroemia indica x fauriei 'Muskogee' / Muskogee Crape Myrtle	5' Ht.	Pot	9		Multi-Trunk Specimen
	LAG NAT	Lagerstroemia indica x fauriei 'Natchez' / Natchez Crape Myrtle	5' Ht.	Pot	9		Multi-Trunk Specimen
	NYS SYL	Nyssa sylvatica / Tupelo	10' HT 2' CAL	Pot	10		
	QUE LYR	Quercus lyrata / Overcup Oak	10' Ht.	Pot	13		
<b>EVERGREEN TREES</b>							
	MAG BRK	Magnolia grandiflora 'Brackens Brown Beauty' / Bracken's Beauty Southern Magnolia	10' HT 2' CAL	Pot	4		Canopy
	MAG LIT	Magnolia grandiflora 'Little Gem' / Little Gem Dwarf Southern Magnolia	5' Ht.	Pot	14		Understory
	PIN ELL	Pinus elliotii / Slash Pine	10' HT 2' CAL	Pot	13		Canopy
	QUE LAU	Quercus laurifolia / Laurel-leaved Oak	10' HT 2' CAL	Pot	13		Canopy
	CUP LEY	x Cupressocyparis leylandii / Leyland Cypress	10' HT 2' CAL	Pot	7		Canopy
<b>SHRUBS</b>							
	FEI VEU	Feijoa sellowiana / Pineapple Guava	18" Ht.	Pot	54		
	LIR BIG	Liriope muscari 'Big Blue' / Big Blue Lilyturf	18" Ht.	Pot	126		
	MYR CER	Myrica cerifera / Wax Myrtle	18" Ht.	Pot	61		
	PIT TOB	Pittosporum tobira / Japanese Pittosporum	18" Ht.	Pot	75		
	RHO FOR	Rhododendron indicum 'Pink Formosa' / Pink Formosa Indica Azalea	18" Ht.	Pot	41		
	ROS RAD	Rosa x 'Radrazz' / Knock Out® Shrub Rose	18" Ht.	Pot	50		



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H17-N138-MJ

PREPARED FOR:  
COASTAL CAROLINA UNIVERSITY  
PO BOX 261954  
CONWAY, SC 29528  
MR. MARK AVANT, FE, LEED AP

PLANS FOR PERMITTING

JOB NO: 22186  
SCALE: NTS  
DESIGNED BY: SCH  
CHECKED BY: SCH  
APPROVED BY: WAG  
DATE: 11/27/23

SHEET NUMBER:

L2