

Pender County Planning and Community Development

Planning Division

805 S. Walker Street
PO Box 1519
Burgaw, NC 28425



Phone: 910-259-1202
Fax: 910-259-1295
www.pendercountync.gov

Sheetz C-Store and Gas Station - Major Site Development Plan

Case Number: PR-69-2017; SDP 2023-337

Application Type: Major Site Development

Applicant: Sheetz, Inc

Owners: Oak Ridge Properties at Olde Point, LLC

Location: Along the eastern side of US HWY 17 at the intersection of County Club Drive and US HWY 17

Property ID #(s): 3293-75-6761-0000

Description: Request for the approval of a Major Site Development Plan for a 6,132-sf Sheetz convenience store and gas station

Current Zoning: PD, Planned Development

Technical Review Committee Meeting

Thursday, May 4, 2023

Board of County Commissioners/Planning Board Meeting

N/A

Application Materials

Application Package

Site Plan

Pender County Planning and Community Development

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Major Site Development Plan Submission

Applications will be considered for the Technical Review Committee hearing and reviewed by Staff only when deemed complete. The application will be regarded as incomplete until the following items are received by the Planning and Community Development Staff.

- | | | |
|----|----------------|--|
| 1. | <u> X </u> | Pre-submittal Meeting
Date of Meeting <u> 7-29-2022 </u> |
| 2. | <u> X </u> | Signed Application |
| 3. | <u> X </u> | Payment
\$250 |
| 4. | <u> X </u> | Paper Plan Sets
Two (2) 24 x 36, Fifteen (15) 11 x 17 |
| 5. | <u> X </u> | Digital Submission
For all documents submitted in paper copy, bring a digital copy with paper submission. |
| 6. | <u> X </u> | Adjacent Property List
A list of names and addresses, as obtained from the county tax listings and tax abstract, to the owners of all properties located within 500-feet of the perimeter of the project bounds. |
| 7. | <u> X </u> | Adjacent Property Envelopes
The applicant shall provide a set of business envelopes addressed to each of the owners of all properties located within 500-feet of the perimeter of the project bounds and accompanied with the amount of postage required for first class postage. |
| 8. | <u> N/A </u> | Permits
Include any permits issued on the project including but not limited to: environmental, traffic, utility, or site specific conditions. |
| 9. | <u> X </u> | Site Plan Requirements
A prepared site plan in accordance with the Unified Development Ordinance standards Section 6.3, Pender County Collector Street Plan, Pender County Transportation Plan, other approved State of Federal Transportation Improvement Plan, or any other adopted plan in Pender County.
(See Major Site Development Checklist) |

I certify that all information presented in this application is accurate to the best of my knowledge.

Signature of Applicant

Date

11/18/2022

Printed Name

Steven P. Augustine

Staff Initials: _____

Date: _____

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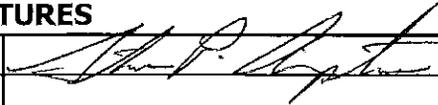
MAJOR AND MINOR SITE DEVELOPMENT APPLICATION

THIS SECTION FOR OFFICE USE			
Date: 4/17/2023	Permit Number: SDP2023-337	Permit Fee: \$250	Invoice Number: 00032631
*Zoning Approval ONLY: YES / NO		Final Zoning Compliance Approved: YES / NO / N/A	
Type of Site Development Plan:	<input type="checkbox"/> Major	<input checked="" type="checkbox"/> Minor	
SECTION 1: GENERAL INFORMATION			
Applicant's Name:	Sheetz, Inc.	Property Owner's Name:	Oak Ridge Properties at Olde Point, LLC
Applicant's Address:	5700 Sixth Avenue	Property Owner's Address:	519 Market Street
City, State, & Zip	Altoona, PA 16602	City, State, & Zip	Wilmington, NC 28401
Phone Number:	919-264-8593	Phone Number:	910-520-7522
Email Address:	bdowns@sheetz.com	Email Address:	david.sneeden@gmail.com
Legal relationship of applicant to land owner:	Tenant		
SECTION 2: PROJECT INFORMATION			
PIN (Property Id #):	3293-75-6761-0000	Total property acreage:	1.86 Acres
Zoning :	Planned Development District - PD	Acreage to be disturbed:	1.55 Acres
Directions to Site:	16988 US HWY 17, Hampstead, NC 28443		
	Intersection of US HWY 17 and Country Club Drive		
Lot Size:	1.86 Acres	Sq Ft of Building:	6,132
Building Height:	26'		
Setbacks	Front: 25'	Side: 10'	Rear: 15'
NAICS Code/Use:	Retail Trade		
Business Name:	Sheetz at Hampstead		
Describe activities to be undertaken on project site:	Retail Trade: Gasoline Station, Food and Beverage Store and Full Service Restaurant		
Ownership:	Number of Employees:	Number of Members:	Seating Capacity:
<input checked="" type="checkbox"/> Private <input type="checkbox"/> Public	7	N/A	42

**If the applicant is not the owner of the property, a notarized letter from the property owner may be required
Zoning approval is for the use being proposed ONLY, other department approvals may be required i.e. Fire Marshal, Environmental Health, Permitting, etc...

SECTION 4: ADDITIONAL COMMENTS

SECTION 5: SIGNATURES

Applicant:		Date:	11/18/2022
Owner:		Date:	
Planning Staff:		Date:	

MAJOR SITE DEVELOPMENT PLANS FOR: SHEETZ AT HAMPSTEAD HAMPSTEAD, NORTH CAROLINA 28443

- OWNER:**
 OAK RIDGE PROPERTIES AT OLDE POINT, LLC
 519 MARKET STREET
 WILMINGTON, NC 28401
 TEL: 910-520-7522
 EMAIL: david.sneeden@gmail.com
- DEVELOPER:**
 SHEETZ, INC.
 5700 SIXTH AVENUE
 ALTOONA, PA 16602
 TEL: 919-437-9859
 E-MAIL: bdowns@sheetz.com
- CIVIL ENGINEER:**
 PABST DESIGN GROUP, PA
 107 FAYETTEVILLE STREET, SUITE 200
 RALEIGH, NC 27601
 TEL: 919-848-4399
 E-MAIL: dpabst@pabstdesign.com
- ELECTRICAL SERVICE:**
 DUKE ENERGY
 9700 DAVID TAYLOR DRIVE
 CHARLOTTE, NC 28262
 TEL: 800-777-9898
- WATER SERVICE:**
 PENDER COUNTY UTILITIES
 605 E. FREMONT STREET
 PO BOX 995
 BURGAW, NC 28425
 TEL: 910-259-1570
- GAS SERVICE:**
 PIEDMONT NATURAL GAS
 1321 S. 10TH STREET
 WILMINGTON, NC 28401
 TEL: 910-512-2841
- INTERNET AND CABLE SERVICE:**
 CHARTER SPECTRUM
 400 ATLANTIC STREET
 STAMFORD, CT 06901



VICINITY MAP
1" = 500'

INDEX TO PLANS

- | | |
|---------------|--|
| C-0.0 | COVER SHEET |
| C-0.1 | RECOMBINATION PLAT |
| C-0.2 | LEGENDS & NOTES |
| C-1.0 | LEGENDS & NOTES |
| C-1.0 | EXISTING CONDITIONS & DEMOLITION PLAN |
| C-2.0 | SITE LAYOUT PLAN |
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| C-2.2 | DELIVERY TRUCK INGRESS / EGRESS PLAN |
| C-2.3 | FIRE TRUCK INGRESS / EGRESS PLAN |
| C-2.4 | TRASH TRUCK INGRESS / EGRESS PLAN |
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| C-4.0 | GRADING & STORM DRAINAGE PLAN |
| C-4.1 | SPOT ELEVATION PLAN |
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| C-5.1 | EROSION & SEDIMENT CONTROL PLAN - PHASE II |
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| C-5.3 | NPDES STABILIZATION PLAN - PHASE II |
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| D-1.1 | SITE DETAIL SHEET |
| D-1.2 | SITE DETAIL SHEET |
| D-1.3 | SITE DETAIL SHEET |
| D-2.0 | UTILITY DETAIL SHEET |
| D-3.0 | STORM DRAINAGE DETAIL SHEET |
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| D-4.1 | EROSION & SEDIMENTATION CONTROL DETAILS |
| L-1.0 | LANDSCAPE PLAN |
| L-1.1 | LANDSCAPE DETAILS |
| RL-8530-S1-R1 | LIGHTING PLAN |
| RL-8530-S1-R1 | LIGHTING DETAILS |
| G001 | FLOOR PLAN |

SITE DATA TABLE	
SITE ADDRESS:	16988 US HIGHWAY 17 HAMPSTEAD, NC 28443
OWNER:	OAK RIDGE PROPERTIES AT OLDE POINT, LLC 519 MARKET STREET WILMINGTON, NC 28401
DEVELOPER:	SHEETZ, INC. 5700 SIXTH AVENUE ALTOONA, PA 16602
PIN(S):	3293-75-6761-0000
EXISTING ZONING:	PLANNED DEVELOPMENT (PD)
EXISTING LAND USE:	VACANT
PROPOSED LAND USE:	RETAIL SALES AND SERVICE & RESTAURANT
PARCEL AREA:	80,965 SF (1.86 AC)
RIVERBASIN:	WHITE OAK
FLOODPLAIN DATA:	NO PORTION OF THE PROPERTY IS LOCATED WITHIN SPECIAL FLOOD HAZARD ZONE PER INSURANCE RATE MAP (RATE MAP 3720329300J DATED FEBRUARY 16, 2007)
PRE-DEVELOPED IMPERVIOUS:	±0.02 ACRES (1,059 SF)
POST-DEVELOPED IMPERVIOUS:	±1.38 ACRES (59,950 SF)
PRINCIPAL BUILDING SETBACKS:	REAR SETBACK: 15' SIDE SETBACK: 10' FRONT SETBACK: 25'
BUILDING FLOOR AREA:	EXISTING = 0 GFA PROPOSED = 6,132 GFA
BUILDING HEIGHT:	MAX. BUILDING HEIGHT: 35'-0" PROPOSED BUILDING HEIGHT: 26'-0" (1 STORY)
MINIMUM PARKING REQUIREMENTS:	RESTAURANTS: 1 SPACE PER 100 SF OF FLOOR AREA 1,480 SF RESTAURANT / 100 SF = 14.8 SPACES RETAIL: 1 SPACE PER 225 SF OF FLOOR AREA 3,264 SF RETAIL / 225 SF = 14.5 SPACES TOTAL REQUIRED: 30 SPACES TOTAL PROVIDED: 34 SPACES (INCLUDING 2 ADA (1 VAN))

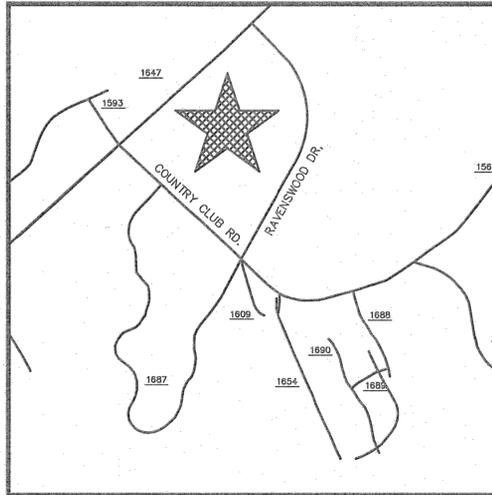
**FOR REVIEW ONLY
NOT FOR CONSTRUCTION**

APPROVED BY THE PENDER COUNTY UNIFIED
DEVELOPMENT ORDINANCE ADMINISTRATOR

SIGNATURE: _____

APPROVAL DATE: _____

SITE PLAN VALID FOR (2) YEARS FROM APPROVAL DATE.



VICINITY MAP
NO SCALE

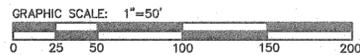


Curve #	Radius	Delta	Length	Chord	Tangent	Chord Direction
C1	248.24'	0°57'48"	4.17'	4.17'	2.09'	N33°49'01"W
C2	248.24'	82°09'21"	289.30'	258.28'	149.82'	N02°15'28"W
C3	157.91'	20°30'00"	56.50'	56.20'	28.55'	S44°31'09"E
C4	157.91'	18°21'49"	50.61'	50.39'	25.52'	N45°35'41"W
C6	157.91'	2°08'14"	5.89'	5.89'	2.95'	N35°20'40"W
C7	157.91'	7°22'05"	20.31'	20.29'	10.17'	S51°05'33"E
C8	157.91'	10°59'43"	30.30'	30.28'	15.20'	S41°54'38"E

LINE	BEARING	DISTANCE
L5	N 48°02'35" E	62.73'
L6	N 48°07'00" W	69.31'
L7	N 48°01'14" E	20.12'
L8	N 48°07'00" W	69.42'
L9	N 48°01'14" E	53.02'
L10	N 39°35'58" W	143.04'
L11	N 46°27'54" E	21.27'
L12	N 48°07'00" W	143.18'
L13	N 48°10'52" E	17.82'
L14	S 48°10'52" W	17.05'
L15	S 48°01'14" W	48.16'

SURVEY REFERENCE
 BOOK 4478 PAGE 301
 BOOK 4745 PAGE 2912
 MAP BOOK 59 PAGE 81
 BOOK 4788 PAGE 1592

LEGEND
 EIP EXISTING IRON PIPE
 EIR EXISTING IRON REBAR
 MNS MAG NAIL SET
 EMN EXISTING MAG NAIL
 IPS IRON PIPE SET
 CNS CONCRETE NAIL SET



NOW OR FORMERLY
 RI CS5 LLC
 BOOK 6447 PAGE 0066

MAP FOR RECORD (RECOMBINATION PLAT)

OAK RIDGE PROPERTIES at OLDE POINT
 (A RECOMBINATION) AND
 PRIVATE ACCESS AND UTILITY EASEMENT

TOPSAIL TOWNSHIP PENDER COUNTY
 NORTH CAROLINA

OWNER: OAK RIDGE PROPERTIES
 AT OLDE POINT LLC
 519 MARKET STREET
 WILMINGTON, NC 28401

MICHAEL UNDERWOOD AND ASSOCIATES, PA
 102 CINEMA DRIVE, SUITE A
 WILMINGTON, NC 28403
 PHONE: 910-815-0850
 FAX: 910-815-0393
 E-MAIL: muo@bizccr.com Firm License #C-0815

SURVEYED: dc
 DRAWN BY: tbn
 CHECKED BY: mnu
 APPROVED: mnu
 DATE: JUNE 15, 2022
 SCALE: 1"=50'

Surveyor Certificate #
 The subdivision shown on this plat does not contain Special Flood Hazard Areas and is not located in a Floodway as delineated by the Federal Emergency Management Agency.

The subdivision shown on this plat does contain Areas of Environmental Concern ("USACE 404 wetlands" shown on survey map) as delineated by the North Carolina Coastal Resources Commission. Witness my original signature, registration number and seal this day of _____ A.D. _____

Signature: _____ (Seal)
 Registration Number: _____

NOTE: THE EASEMENTS DISPLAYED ON PREVIOUS RECORD MAP ARE SUPERCEDED BY THE EASEMENTS DISPLAYED ON THIS MAP.

MAP REVIEW OFFICER I, <u>Carla Furr</u> , REVIEW OFFICER OF PENDER COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING. <u>Carla Furr</u> MAP REVIEW OFFICER DATE: <u>3-29-22</u>	CERTIFICATE OF DISCLOSURE FOR PRIVATE DEVELOPMENTS I (WE) ACKNOWLEDGE THAT NEITHER THE STATE NOR THE COUNTY SHALL BE RESPONSIBLE FOR MAINTENANCE OF ANY STREETS, PARKS, DRAINAGE, OPEN SPACE OR OTHER AREAS WHICH ARE DESIGNATED FOR PRIVATE USE. I (WE) ACKNOWLEDGE THAT PRIOR TO CONTRACTING WITH A PROSPECTIVE BUYER, I SHALL GIVE THE BUYER A WRITTEN STATEMENT WHICH DISCLOSES, THE EXISTENCE AND LOCATION OF SUCH PRIVATE AREAS AND FOR SAME, WHEN APPLICABLE, THE STATEMENT SHALL DISCLOSE THAT THE STREET(S) WILL NOT BE CONSTRUCTED TO MINIMUM STANDARDS SUFFICIENT TO ALLOW THEIR INCLUSION ON THE STATE HIGHWAY SYSTEM FOR MAINTENANCE. DATE: <u>5/16/22</u> SIGNATURE OF OWNER(S): <u>[Signature]</u>	CERTIFICATE OF OWNERSHIP DEDICATION AND JURISDICTION I (WE) HEREBY CERTIFY THAT I AM (WE ARE) THE OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT I (WE) HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY (OUR) FREE CONSENT AND DEDICATE ALL STREETS, ALLEYS, WALKS, PARKS, CONSERVATION SPACE AND OTHER AREAS TO PUBLIC OR PRIVATE USE AS NOTED. ALL ROADS AND DRAINAGE EASEMENTS ARE DEDICATED FOR PUBLIC UTILITY PURPOSES. FURTHER, I (WE) CERTIFY THE LAND AS SHOWN HEREON IS LOCATED WITHIN THE SUBDIVISION JURISDICTION OF PENDER COUNTY. DATE: <u>5/16/22</u> SIGNATURE OF OWNER(S): <u>[Signature]</u>	CERTIFICATE OF REGISTRATION BY REGISTER OF DEEDS NORTH CAROLINA, NEW HAMPSHIRE COUNTY Doc No: 20120388 Recorded: 06/16/2022 01:41:28 PM Page 1 of 1 Fee Amt: \$21.00 Pender County North Carolina Sharon Lear Wiloughby, Register of Deeds BK 70 PG 57-57 (1)	CERTIFICATE OF SURVEY AND ACCURACY I, MICHAEL N. UNDERWOOD, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK AS PAGE SHOWN); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK AS PAGE SHOWN; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED; WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS 15TH DAY OF JUNE A.D. 2022 <u>[Signature]</u> MICHAEL N. UNDERWOOD PROFESSIONAL LAND SURVEYOR L-2982
--	--	--	---	---

Exempt Subdivision
 Pender County
 Office of Planning
 Date: 6/16/2022



CERTIFICATE: THIS SURVEY IS A RECOMBINATION OF EXISTING PARCELS OF LAND (EXCEPTION TO THE DEFINITION OF SUBDIVISION).
[Signature]
 MICHAEL N. UNDERWOOD, P.L.S. L-2982

LEGEND

Legend table listing symbols for various construction elements like limits of construction, existing utilities, and proposed structures.

Legend table listing symbols for various construction elements like existing concrete, asphalt, and proposed concrete.

DEMOLITION NOTES:

- 1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL LOCAL AND STATE PERMITS REQUIRED FOR DEMOLITION WORK.
2. THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER AND/OR ENGINEER FOR ANY AND ALL INJURIES AND/OR DAMAGES TO PERSONNEL, EQUIPMENT, AND/OR EXISTING FACILITIES IN THE DEMOLITION AND CONSTRUCTION DESCRIBED IN THE PLANS AND SPECIFICATIONS.

SITE LAYOUT NOTES:

- 1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH PENDER COUNTY, AND NCDOT STANDARDS AND SPECIFICATIONS.
2. ALL DIMENSIONS ARE TO EDGE OF PAVEMENT, EDGE OF SIDEWALK, FACE OF CURB, CENTERLINE OF COLUMN AND FACE OF BUILDING WALL, UNLESS OTHERWISE NOTED. ALL RADII DIMENSIONS TO BACK OF CURB.

PENDER COUNTY UTILITIES STANDARD NOTES:

- 1. A PRE-CONSTRUCTION MEETING IS REQUIRED BEFORE BEGINNING WORK. THE MEETING MUST BE SCHEDULED WITH PENDER COUNTY UTILITIES (PCU) AT LEAST ONE WEEK IN ADVANCE. ATTENDEES MUST INCLUDE PCU, THE UTILITY CONTRACTOR'S SUPERINTENDENT, THE SUPPLIER, AND THE CONSULTING ENGINEER.

GENERAL UTILITY NOTES:

- 1. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE PLANS PREPARED BY PABST DESIGN GROUP, PA, THE CURRENT REQUIREMENTS OF THE CITY OF RALEIGH, AND ALL OTHER PERTINENT FEDERAL AND STATE LAWS.
2. THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, PROVISIONS, AND POLICIES GOVERNING SAFETY AND HEALTH, INCLUDING THE FEDERAL CONSTRUCTION SAFETY ACT (PUBLIC LAW 91-54), FEDERAL REGISTER, CHAPTER XVII, PART 1926 OF TITLE 29 REGULATIONS, OCCUPATIONAL SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION, AND SUBSEQUENT PUBLICATIONS UPDATING THESE REGULATIONS.

GRADING NOTES:

- 1. ALL SITE WORK SHALL BE DONE IN ACCORDANCE WITH THE PLANS PREPARED BY PABST DESIGN GROUP, PA, THE CURRENT REQUIREMENTS OF PENDER COUNTY, THE APPLICABLE SECTIONS OF THE NCDOT STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION, AND ALL OTHER PERTINENT FEDERAL AND STATE LAWS.
2. ALL EXISTING TREES, VEGETATION, PAVEMENTS, CONCRETE FOUNDATIONS, STRUCTURES AND ORGANIC TOPSOIL SHALL BE STRIPPED AND REMOVED FROM NEW CONSTRUCTION AREAS UNLESS OTHERWISE NOTED.

TOTAL DISTURBED AREA = ± 67,604 SF, 1.55 AC

GENERAL PLANTING NOTES:

- 1. ALL LANDSCAPING SHALL BE INSTALLED ACCORDING TO SOUND NURSERY PRACTICES AND SHALL MEET ALL STANDARDS AS STATED IN THE LATEST EDITION OF 'AMERICAN STANDARD FOR NURSERY STOCK'.
2. PLANT LIST QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. IN THE EVENT OF QUANTITY DISCREPANCIES, THE DRAWINGS SHALL TAKE PRECEDENCE.

EROSION CONTROL MAINTENANCE:

- 1. TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT: MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THIS MAY REQUIRE PERIODIC TOPDRESSING WITH 2-INCH STONE. AFTER EACH RAINFALL, INSPECT ANY STRUCTURE USED TO TRAP SEDIMENT AND CLEAN IT OUT AS NECESSARY.

C:\Public\10-Projects\600-699\630-22-Sheetz at Hampstead (Sheetz, Inc.)\50-Drawings\630-22-C-01.dwg Apr 06, 2023 11:37am Bxl:labwdr

PABST DESIGN GROUP, PA Engineering & Consulting logo and contact information.

Table with project details: SHEETZ AT HAMPSTEAD, PROJECT NO. 630-22, DATE 04-05-2023.

SHEETZ AT HAMPSTEAD MAJOR SITE DEVELOPMENT PLANS LEGENDS & NOTES

Professional Engineer Seal for J. Labwdr, State of North Carolina, License No. 48513.

Table for drawing revision tracking with columns for NO., DATE, REVISION.

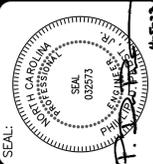
FOR REVIEW ONLY NOT FOR CONSTRUCTION

DRAWING SHEET C-0.1 PROJECT NUMBER 630-22



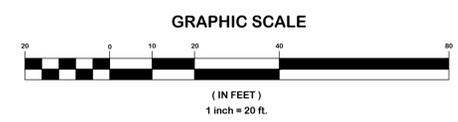
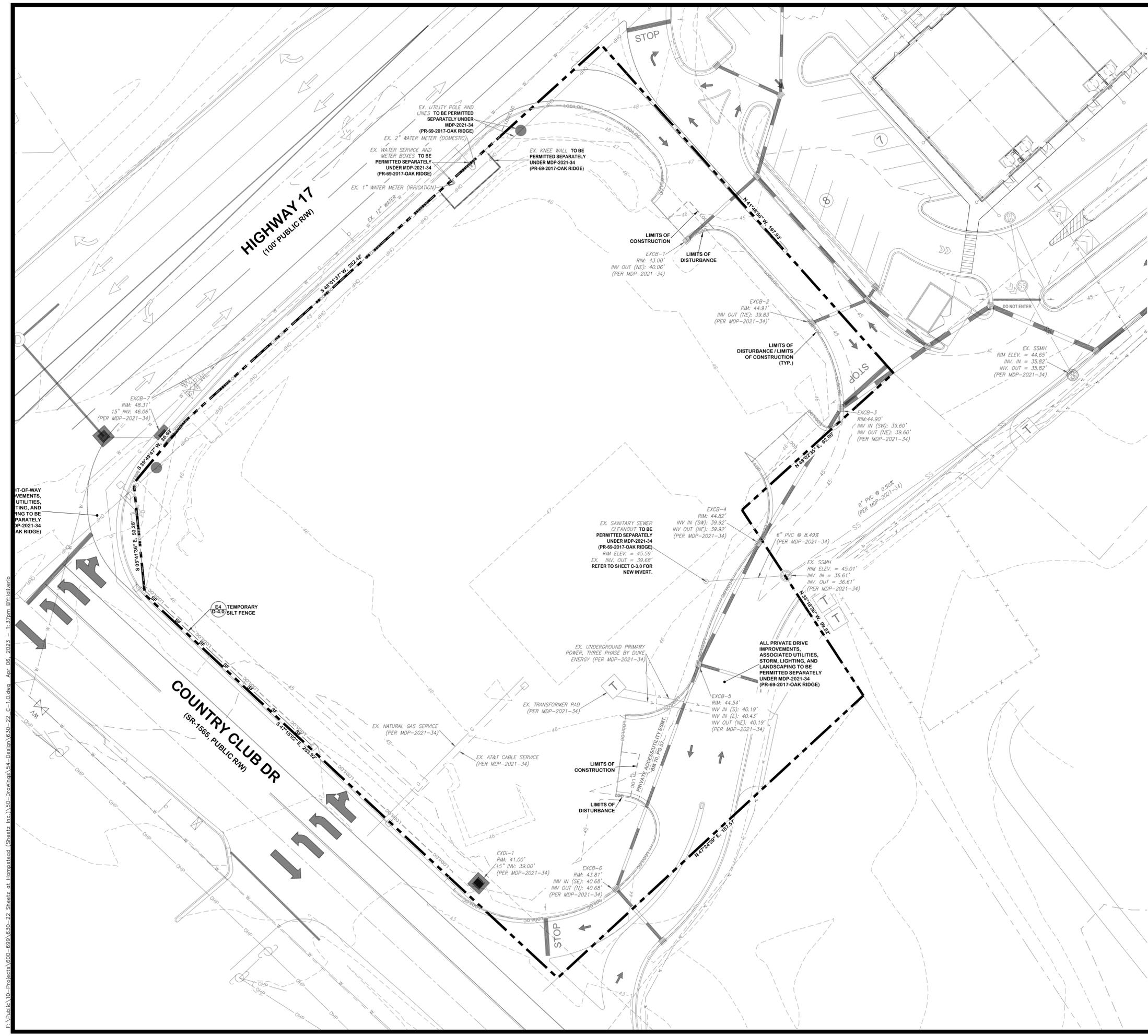
PREPARED FOR:
SHEETZ, INC.
5700 SOUTH AVENUE
ALCOONA, PA 16002
DATE: 04.05.2023
PROJECT ENGINEER:
PJP
PROJECT CADD DESIGNER:
MMP
PROJECT SURVEYOR:
VJA

SHEETZ AT HAMPSTEAD
HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
MAJOR SITE DEVELOPMENT PLANS
EXISTING CONDITIONS & DEMOLITION PLAN



NO.	REVISION	DATE

DRAWING SHEET
C-1.0
PROJECT NUMBER
630-22



FOR REVIEW ONLY
NOT FOR CONSTRUCTION

C:\Public\Projects\630-22-Sheetz at Hampstead (Sheetz, Inc.)\50-Drawings\4-Design\630-22-C-1.0.dwg Apr 06, 2023 11:37pm BXL\blward

SEE SHEET C-0.1 FOR LEGENDS & NOTES.

SITE DATA TABLE	
SITE ADDRESS:	16988 US HIGHWAY 17 HAMPSTEAD, NC 28443
OWNER:	OAK RIDGE PROPERTIES AT OLDE POINT, LLC 519 MARKET STREET WILMINGTON, NC 28401
DEVELOPER:	SHEETZ, INC. 5700 SIXTH AVENUE ALTOONA, PA 16602
PIN(S):	3293-75-6761-0000
EXISTING ZONING:	PLANNED DEVELOPMENT (PD)
EXISTING LAND USE:	VACANT
PROPOSED LAND USE:	RETAIL SALES AND SERVICE & RESTAURANT
PARCEL AREA:	80,965 SF (1.86 AC)
RIVERBASIN:	WHITE OAK
FLOODPLAIN DATA:	NO PORTION OF THE PROPERTY IS LOCATED WITHIN SPECIAL FLOOD HAZARD ZONE PER INSURANCE RATE MAP (RATE MAP 3720329300J DATED FEBRUARY 16, 2007)
PRE-DEVELOPED IMPERVIOUS:	±0.02 ACRES (1,059 SF)
POST-DEVELOPED IMPERVIOUS:	±1.38 ACRES (59,950 SF)
PRINCIPAL BUILDING SETBACKS:	REAR SETBACK: 15' SIDE SETBACK: 10' FRONT SETBACK: 25'
BUILDING FLOOR AREA:	EXISTING = 0 GFA PROPOSED = 6,132 GFA
BUILDING HEIGHT:	MAX. BUILDING HEIGHT: 35'-0" PROPOSED BUILDING HEIGHT: 26'-0" (1 STORY)
MINIMUM PARKING REQUIREMENTS:	RESTAURANTS: 1 SPACE PER 100 SF OF FLOOR AREA 1,460 SF RESTAURANT / 100 SF = 14.6 SPACES RETAIL: 1 SPACE PER 225 SF OF FLOOR AREA 3,264 SF RETAIL / 225 SF = 14.5 SPACES TOTAL REQUIRED: 30 SPACES TOTAL PROVIDED: 34 SPACES (INCLUDING 2 ADA (1 VAN))

KEY ITEM	DESCRIPTION	WIDTH
P2 PAINT	WHITE STOPBAR	24"
QB PAINT	WHITE RIGHT TURN ARROW	
QC PAINT	WHITE STRAIGHT ARROW	
QE PAINT	WHITE COMBO. RIGHT/STRAIGHT ARROW	
QF PAINT	WHITE COMBO. LEFT/RIGHT ARROW	

SIGNS	
R1-1 MUTCD "STOP" R1-1	30" X 30"

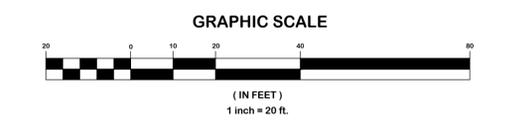
PAST DESIGN GROUP, PA
Engineering | Consulting
107 Fayetteville Street, Suite 300, Raleigh, North Carolina 27601
Phone: 919 946 4399 | Fax: 919 946 0951 | NC LICENSE NUMBER: C-3211

PREPARED FOR:
SHEETZ, INC.
5700 SIXTH AVENUE
ALTOONA, PA 16602
DATE: 04.05.2023
PROJECT ENGINEER:
PJP
PROJECT CADD DESIGNER:
MMP
PROJECT SURVEYOR:
VJA

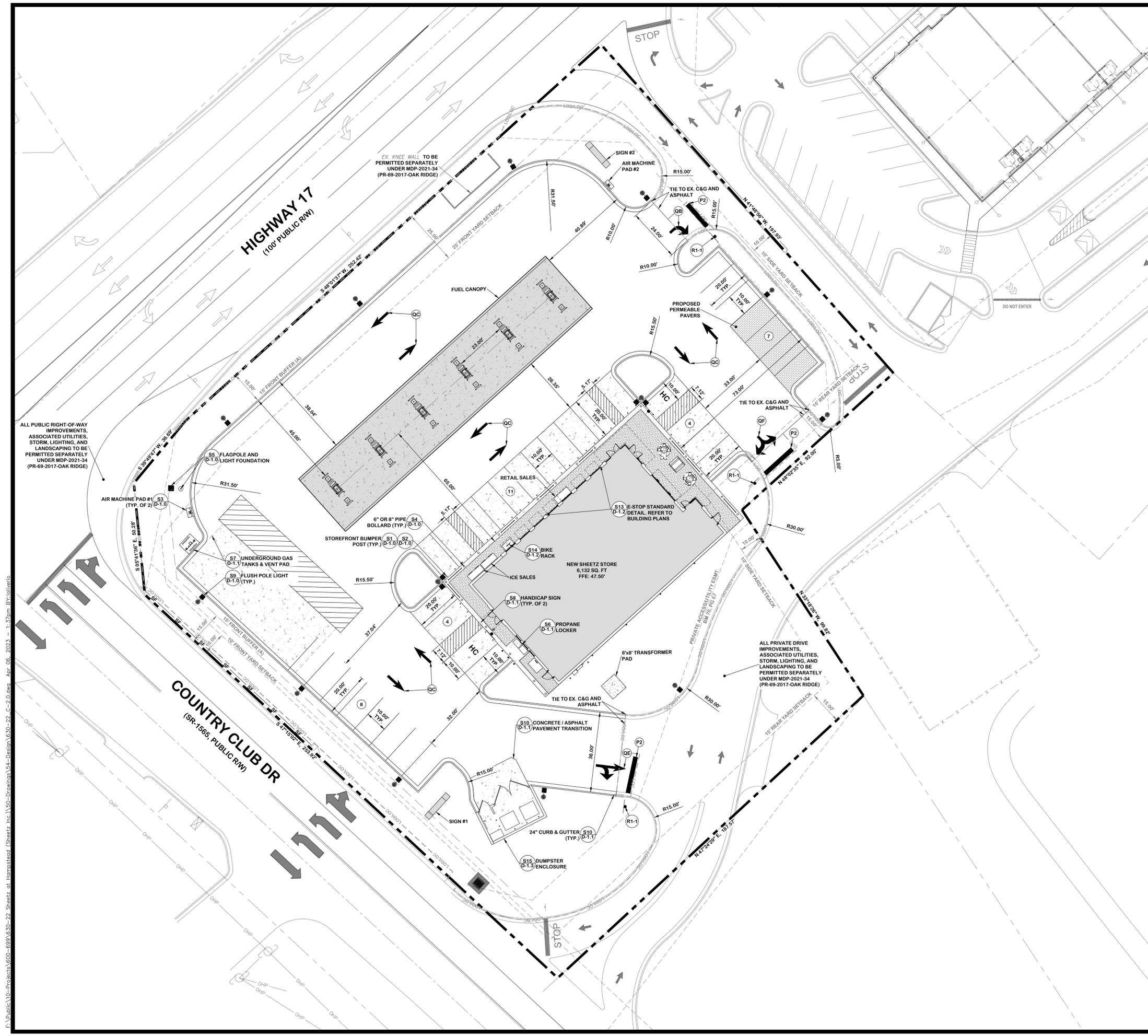
SHEETZ AT HAMPSTEAD
HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
MAJOR SITE DEVELOPMENT PLANS
SITE LAYOUT PLAN

SEAL:
DATE:
REVISION:
NO.

DRAWING SHEET
C-2.0
PROJECT NUMBER
630-22

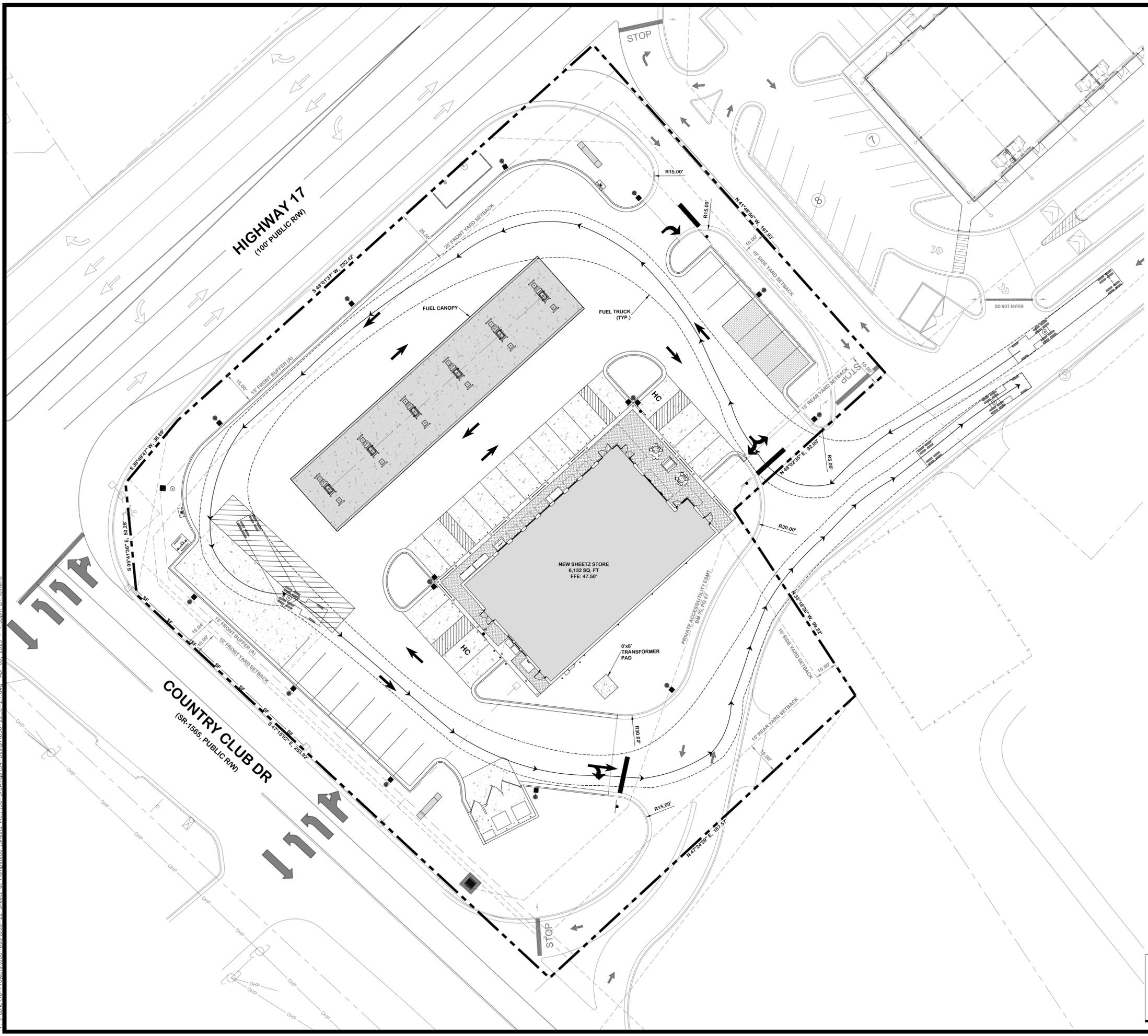


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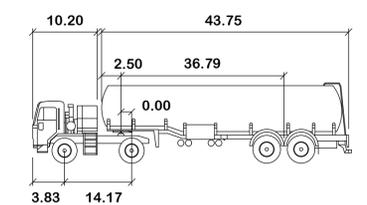


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SEE SHEET C-0.1 FOR LEGENDS & NOTES.



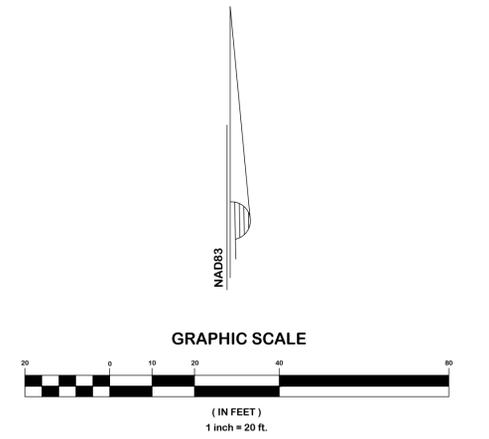
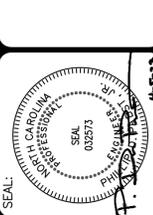
SHEETZ FUEL TRI-STATE

feet	
Tractor Width	: 8.00
Trailer Width	: 8.50
Tractor Track	: 8.00
Trailer Track	: 8.50
Lock to Lock Time	: 6.0
Steering Angle	: 28.4
Articulating Angle	: 70.0

PAST DESIGN GROUP, PA
 Engineering | Consulting
 107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 946 4399 | Fax: 919 946 4395 | NC LICENSE NUMBER: C-3311

PREPARED FOR:	SHEETZ, INC.
PROJECT ENGINEER:	PJP
PROJECT CADD DESIGNER:	MMP
PROJECT SURVEYOR:	VJA
DATE:	04.05.2023
PROJECT:	SHEETZ AT HAMPSTEAD

SHEETZ AT HAMPSTEAD
 HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
MAJOR SITE DEVELOPMENT PLANS
FUEL TRUCK INGRESS / EGRESS PLAN

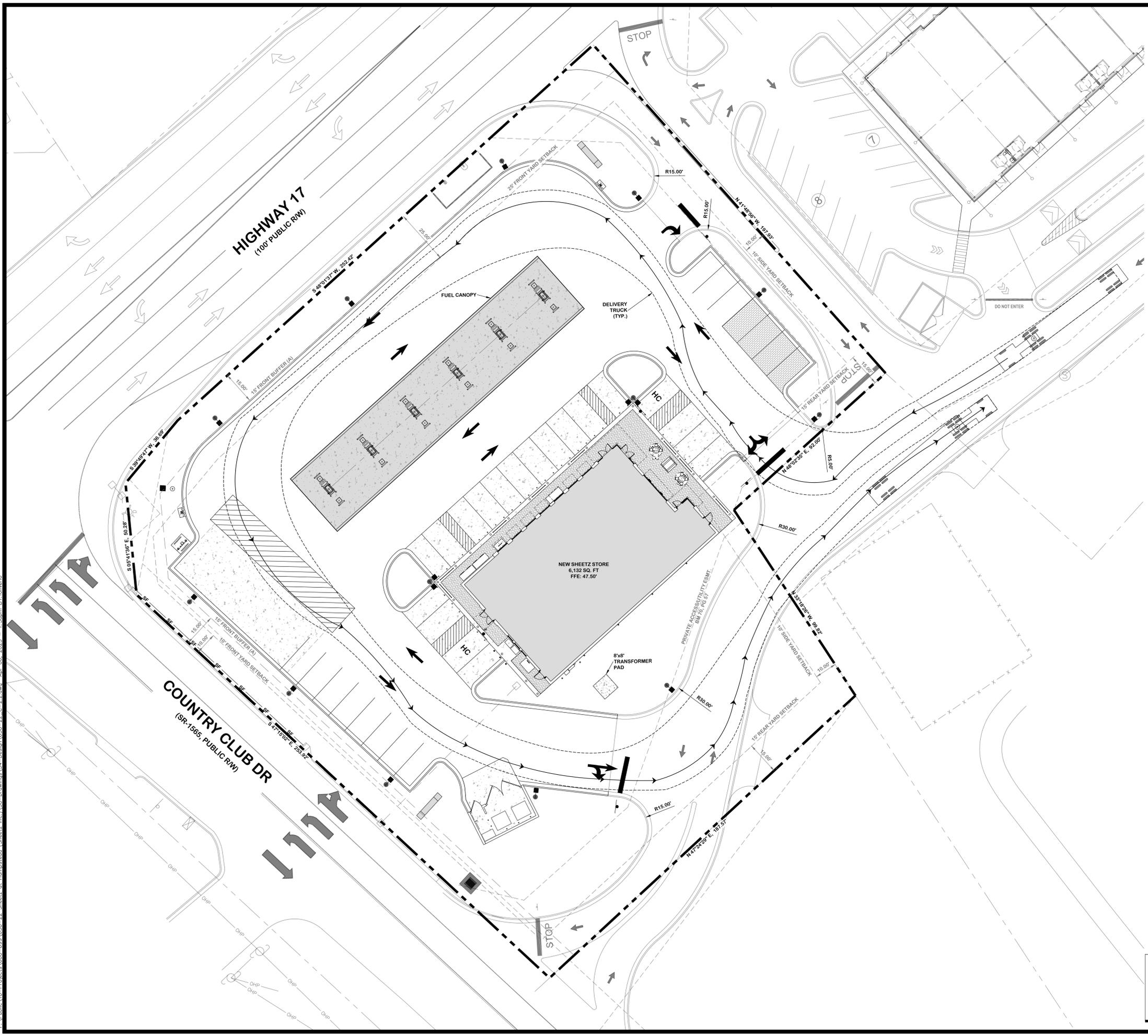


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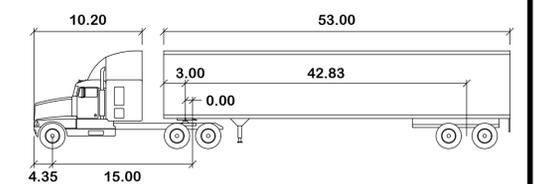
NO.	REVISION	DATE

DRAWING SHEET
C-2.1
 PROJECT NUMBER
630-22

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SEE SHEET C-0.1 FOR LEGENDS & NOTES.



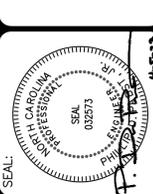
SHEETZ DELI VOLVO SPECS

	feet		
Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 28.4
Tractor Track	: 8.00	Articulating Angle	: 70.0
Trailer Track	: 8.50		

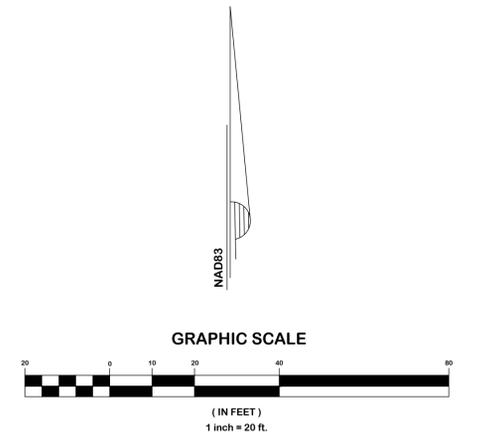
PAST DESIGN GROUP, PA
 Engineering | Consulting
 107 Riverchase Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 946 4399 | Fax: 919 946 4395 | NC LICENSE NUMBER: C-3211

PREPARED FOR:	SHEETZ, INC.
PROJECT ENGINEER:	PJP
PROJECT CADD DESIGNER:	MMP
PROJECT SURVEYOR:	VJA

SHEETZ AT HAMPSTEAD
 HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
MAJOR SITE DEVELOPMENT PLANS
DELIVERY TRUCK INGRESS / EGRESS PLAN



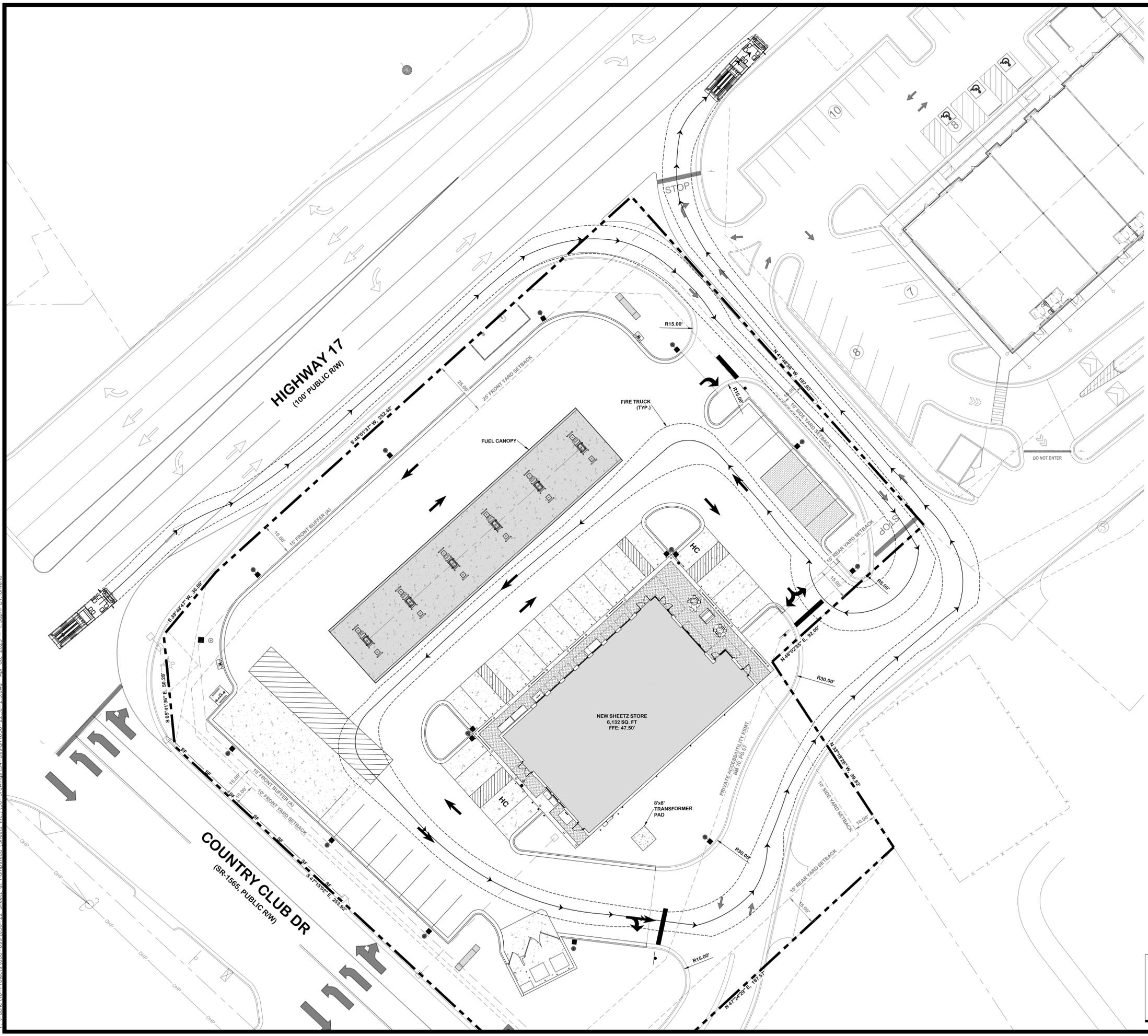
NO.	REVISION	DATE



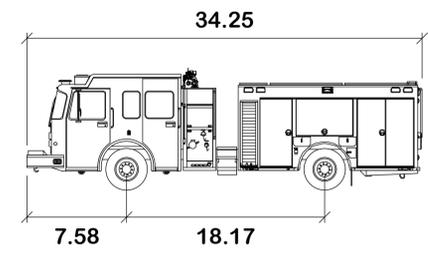
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NOT FOR CONSTRUCTION

DRAWING SHEET
C-2.2
 PROJECT NUMBER
630-22

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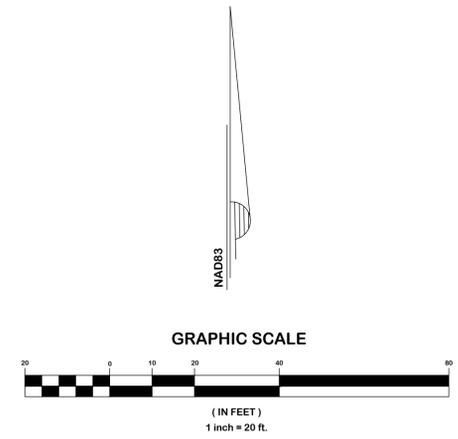
SEE SHEET C-0.1 FOR LEGENDS & NOTES.



NFD Pumper Pierce Enforcer

feet

Width : 8.00
 Track : 8.00
 Lock to Lock Time : 6.0
 Steering Angle : 50.0



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PAST DESIGN GROUP, PA
 Engineering | Consulting
 107 Regentville Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 946 4399 | Fax: 919 946 4395 | NC LICENSE NUMBER: C-3211



PREPARED FOR:
 SHEETZ, INC.
 5700 SIXTH AVENUE
 ALTOONA, PA 16802

DATE: 04.05.2023

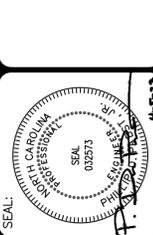
PROJECT ENGINEER:
 PJP

PROJECT CAD DESIGNER:
 MWP

PROJECT SURVEYOR:
 VJA

SHEETZ AT HAMPSTEAD
 HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA

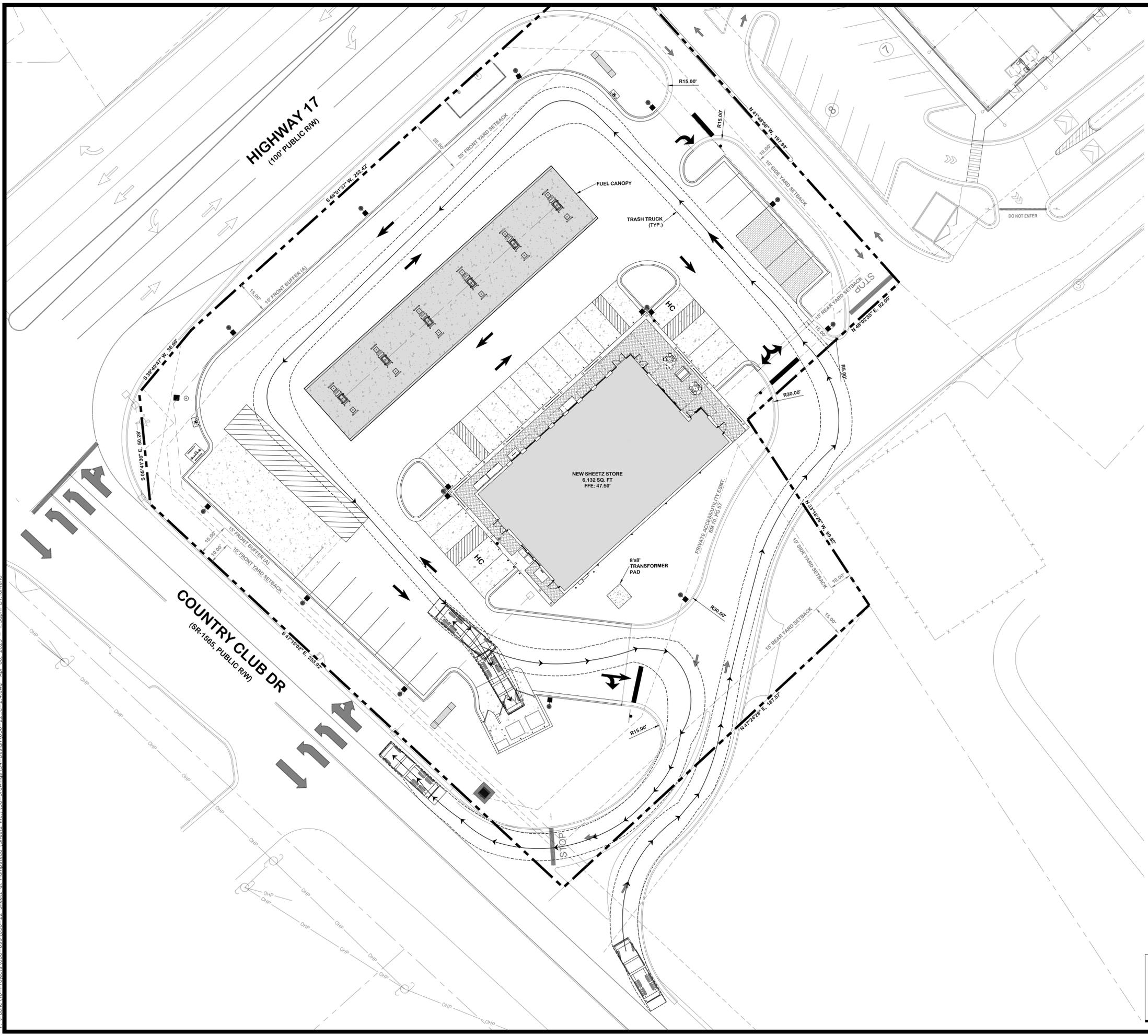
MAJOR SITE DEVELOPMENT PLANS
FIRE TRUCK INGRESS / EGRESS PLAN



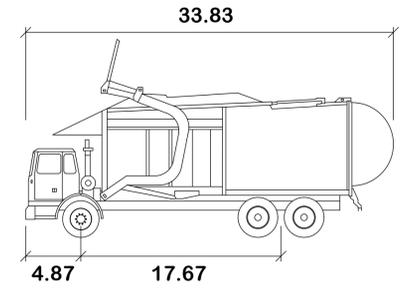
NO.	REVISION	DATE

DRAWING SHEET
C-2.3
 PROJECT NUMBER
630-22

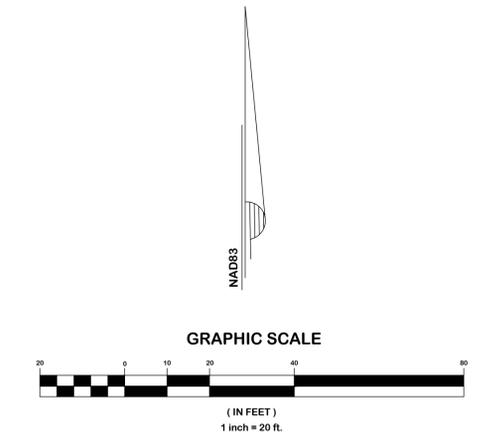
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SEE SHEET C-0.1 FOR LEGENDS & NOTES.



Wayne Titan
 feet
 Width : 8.46
 Track : 8.00
 Lock to Lock Time : 6.0
 Steering Angle : 45.0

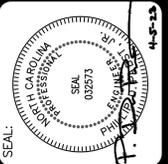


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PAST DESIGN GROUP, PA
 Engineering | Consulting
 107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 946 4399 | Fax: 919 946 6951 | NC LICENSE NUMBER: C-3211

PREPARED FOR:	SHEETZ, INC.
DATE:	04.05.2023
PROJECT ENGINEER:	PJP
PROJECT CADD DESIGNER:	MMP
PROJECT SURVEYOR:	VJA

SHEETZ AT HAMPSTEAD
 HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
MAJOR SITE DEVELOPMENT PLANS
TRASH TRUCK INGRESS / EGRESS PLAN



NO.	REVISION	DATE

DRAWING SHEET
C-2.4
 PROJECT NUMBER
630-22

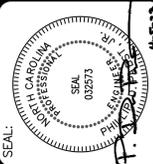
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CO #1	STANDARD	47.09'	42.23'
CO #2	STANDARD	46.62'	41.67'
CO #3	STANDARD	47.20'	41.92'
CO #4	STANDARD	47.32'	42.00'
CO #5	STANDARD	47.10'	42.41'
CO #6	STANDARD	47.15'	42.46'
CO #7	TRAFFIC BEARING	47.40'	42.71'
CO #8	STANDARD	47.26'	42.71'
CO #9	STANDARD	47.38'	43.15'
CO #10	STANDARD	47.31'	42.78'
CO #11	STANDARD	47.40'	43.24'

PAST DESIGN GROUP, PA
 Engineering | Consulting
 107 Fayetteville Street, Suite 300, Raleigh, North Carolina 27601
 Phone: 919 948 4399 | Fax: 919 948 9351 | NC LICENSE NUMBER: C-3211



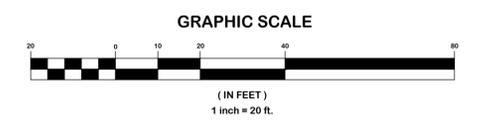
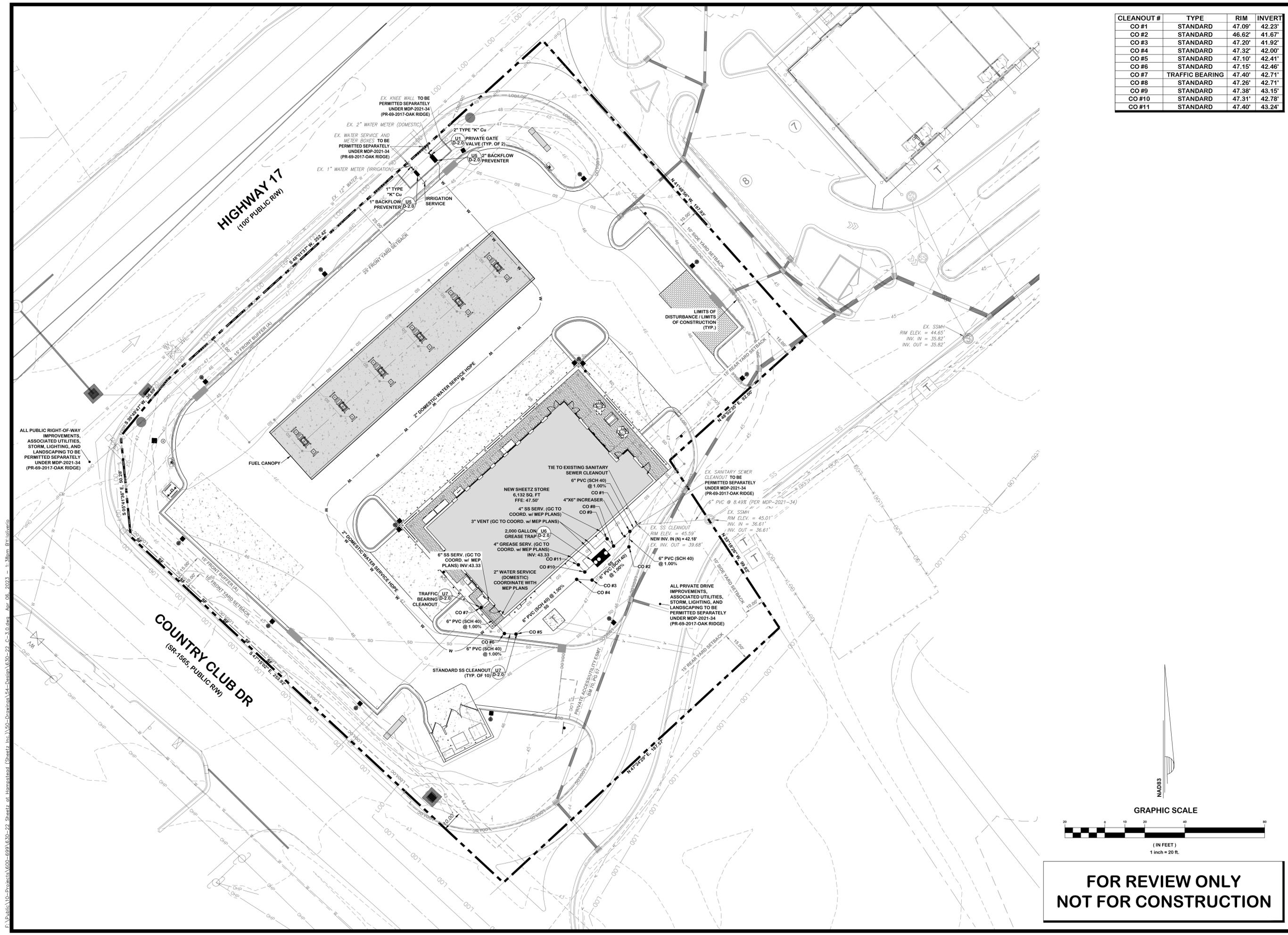
PREPARED FOR:
 SHEETZ, INC.
 5700 SOUTH AVENUE
 JALOCOMA, PA 16022
 DATE: 04.05.2023
 PROJECT ENGINEER:
 PJP
 PROJECT CADD DESIGNER:
 MWP
 PROJECT SURVEYOR:
 VJA

SHEETZ AT HAMPSTEAD
 HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
MAJOR SITE DEVELOPMENT PLANS
 UTILITY PLAN



NO.	REVISION	DATE

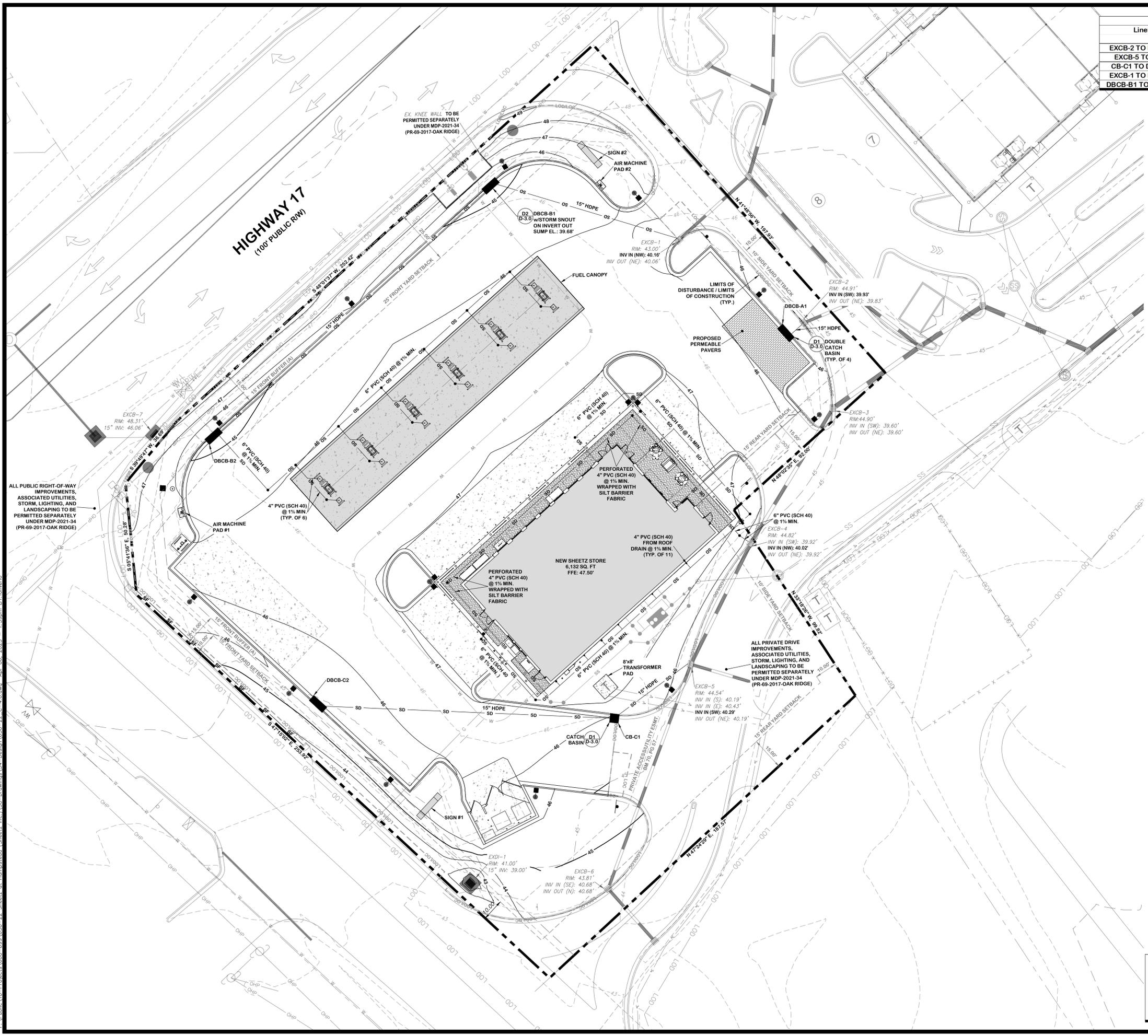
DRAWING SHEET
C-3.0
 PROJECT NUMBER
630-22



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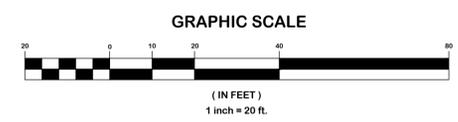
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STORM CHART								
LineID	Size (in)	Material	InvertDn (ft)	InvertUp (ft)	Length (ft)	Slope (%)	Rim Dn (ft)	Rim Up (ft)
EXCB-2 TO DBCB-A1	15	HDPE	39.93	40.00	7.00	1.00	45.41	45.00
EXCB-5 TO CB-C1	15	HDPE	40.29	40.70	41.54	0.99	45.54	46.00
CB-C1 TO DBCB-C2	15	HDPE	40.80	42.12	131.86	1.00	46.00	45.65
EXCB-1 TO DBCB-B1	15	HDPE	40.16	40.68	85.83	0.61	45.57	45.00
DBCB-B1 TO DBCB-B2	15	HDPE	40.78	41.77	164.13	0.60	45.00	44.70



ALL PUBLIC RIGHT-OF-WAY IMPROVEMENTS, ASSOCIATED UTILITIES, STORM, LIGHTING, AND LANDSCAPING TO BE PERMITTED SEPARATELY UNDER MDP-2021-34 (PR-69-2017-OAK RIDGE)

ALL PRIVATE DRIVE IMPROVEMENTS, ASSOCIATED UTILITIES, STORM, LIGHTING, AND LANDSCAPING TO BE PERMITTED SEPARATELY UNDER MDP-2021-34 (PR-69-2017-OAK RIDGE)

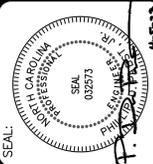


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PAST DESIGN GROUP, PA
Engineering | Consulting
107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
Phone: 919 848 4399 | Fax: 919 848 0951 | NC LICENSE NUMBER: C-3211

PREPARED FOR:
SHEETZ, INC.
5700 SOUTH AVENUE
ALDOUNA, PA 16022
DATE: 04.05.2023
PROJECT ENGINEER:
PJP
PROJECT CADD DESIGNER:
MMP
PROJECT SURVEYOR:
VJA

SHEETZ AT HAMPSTEAD
HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
**MAJOR SITE DEVELOPMENT PLANS
GRADING & STORM DRAINAGE PLAN**

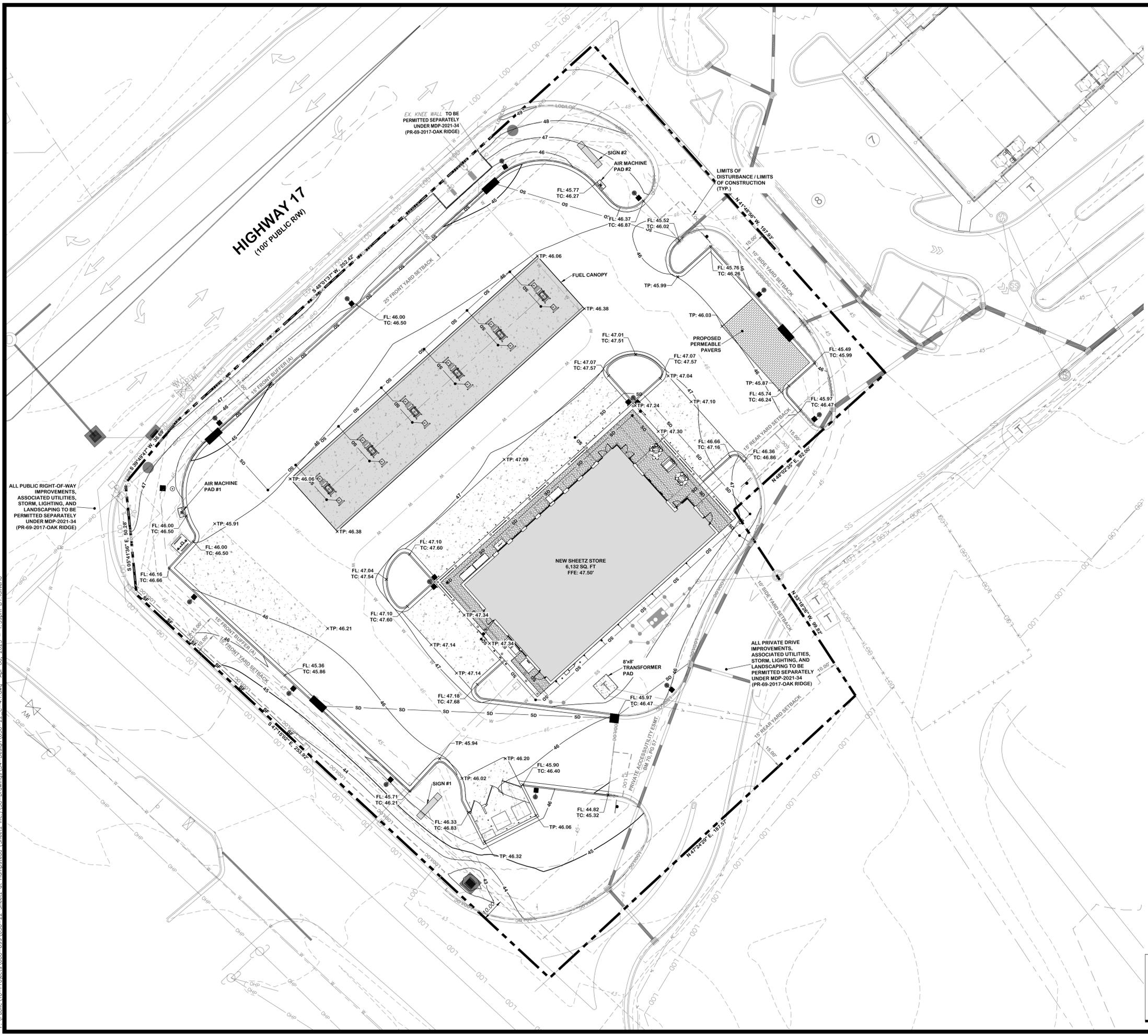


NO.	REVISION	DATE

DRAWING SHEET
C-4.0
PROJECT NUMBER
630-22

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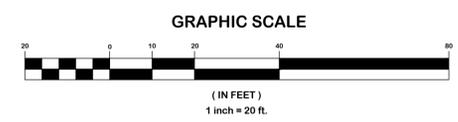
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ALL PUBLIC RIGHT-OF-WAY IMPROVEMENTS, ASSOCIATED UTILITIES, STORM, LIGHTING, AND LANDSCAPING TO BE PERMITTED SEPARATELY UNDER MDP-2021-34 (PR-69-2017-OAK RIDGE)

ALL PRIVATE DRIVE IMPROVEMENTS, ASSOCIATED UTILITIES, STORM, LIGHTING, AND LANDSCAPING TO BE PERMITTED SEPARATELY UNDER MDP-2021-34 (PR-69-2017-OAK RIDGE)

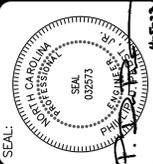
NAD83



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PREPARED FOR:
SHEETZ, INC.
5700 SOUTH AVENUE
ALTOONA, PA 16802
DATE: 04.05.2023
PROJECT ENGINEER:
PJP
PROJECT CADD DESIGNER:
MMP
PROJECT SURVEYOR:
VJA

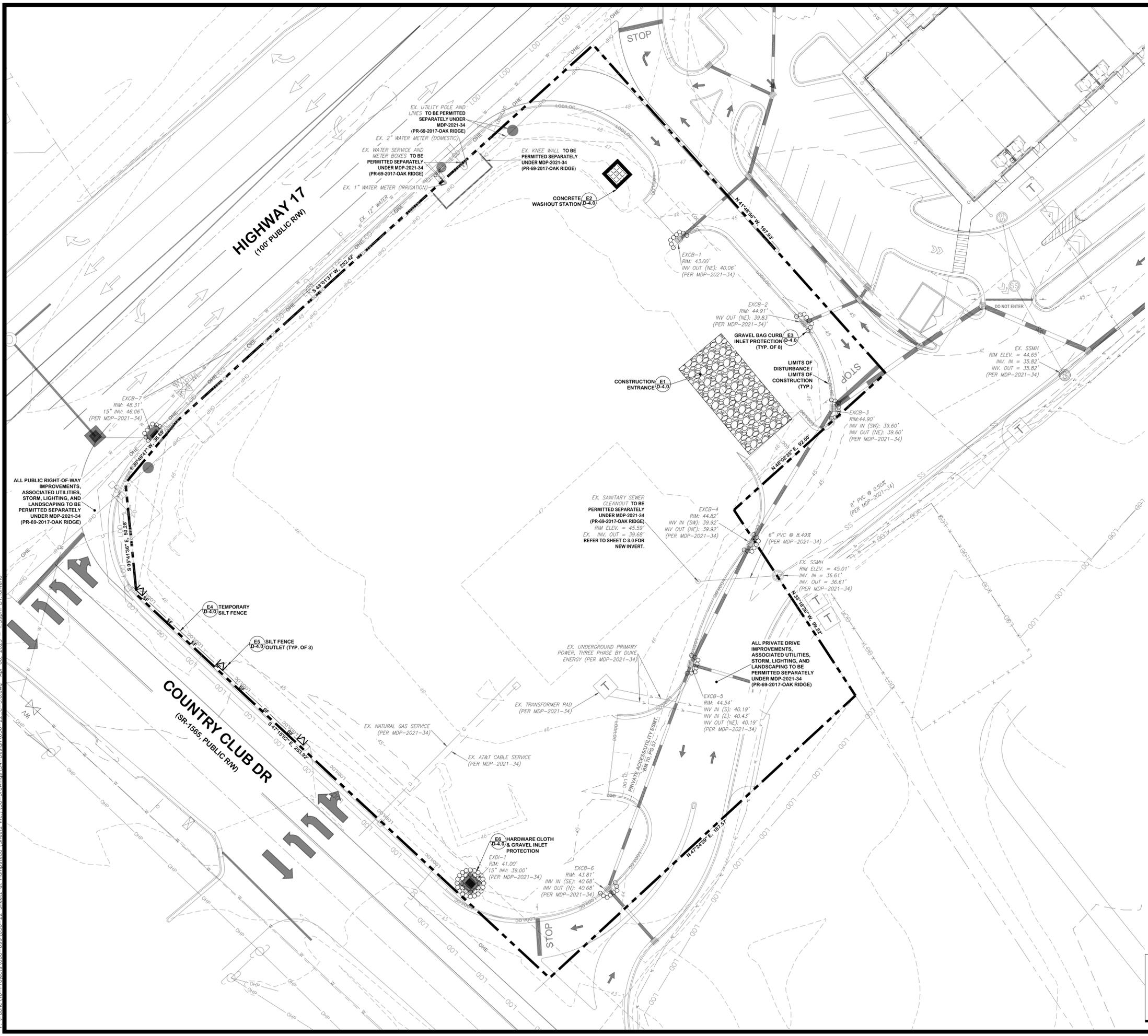
SHEETZ AT HAMPSTEAD
HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
MAJOR SITE DEVELOPMENT PLANS
SPOT ELEVATION PLAN



NO.	REVISION	DATE

DRAWING SHEET
C-4.1
PROJECT NUMBER
630-22

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SEE SHEET C-0.1 FOR LEGENDS AND NOTES.

- EROSION CONTROL MAINTENANCE SCHEDULE**
1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUN-OFF PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
 2. THE SEDIMENT BASIN WILL BE CLEANED OUT WHEN THE LEVEL OF SEDIMENT REACHES 2.0 FT BELOW THE TOP OF THE RISER. GRAVEL WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS.
 3. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT REACHES HALF CAPACITY OF THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
 4. ALL SEEDED AREAS WILL BE FERTILIZED, RESEED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
 5. AFTER CONSTRUCTION, THE DEVELOPER WILL MAINTAIN ALL PERMANENT EROSION CONTROL DEVICES IN ORDER TO PREVENT ACCELERATED EROSION.
 6. SILT FENCE OUTLETS WILL BE ADDED ALONG THE SILT FENCE AT ALL LOW POINTS AS NEEDED BASED ON FIELD CONDITIONS.

SELF INSPECTION NOTICE:

NOTIFICATION OF LAND RESOURCES SEDIMENT AND EROSION CONTROL SELF-INSPECTION PROGRAM:

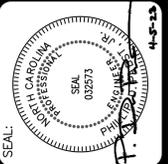
THE SEDIMENTATION POLLUTION CONTROL ACT WAS AMENDED IN 2006 TO REQUIRE THAT PERSONS RESPONSIBLE FOR LAND-DISTURBING ACTIVITIES APPROVE A PROJECT AFTER EACH STAGE OF THE PROJECT TO MAKE SURE THAT THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN IS BEING FOLLOWED. RULES DETAILING THE DOCUMENTATION OF THESE INSPECTIONS TOOK EFFECT OCTOBER 1, 2010. THE SELF-INSPECTION PROGRAM IS SEPARATE FROM THE WEEKLY SELF-MONITORING PROGRAM OF THE PDDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITIES. THE FOCUS OF THE SELF-INSPECTION REPORT IS THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL MEASURES ACCORDING TO THE STAGE OF THE PROJECT, AND CONTINUED UNTIL PERMANENT GROUND COVER IS ESTABLISHED IN ACCORDANCE WITH NCGS 113A-54.1 AND 15A NCAAC 4B.0131. THE SELF-INSPECTION REPORT FORM IS AVAILABLE AS A PDF FORM FROM <http://deq.nc.gov/about/divisions/energy-mineral-land-resources/erosion-sediment-control/forms>

IF YOU HAVE QUESTIONS OR CANNOT ACCESS THE FORM, PLEASE CONTACT THE EMLR OFFICE AT (919)707-9200 FOR ASSISTANCE.

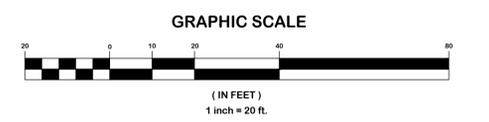
PAST DESIGN GROUP, PA
 Engineering & Consulting
 107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 848 4399 Fax: 919 848 4395 E-MAIL: LICENSE NUMBER: C-3211

PREPARED FOR:	SHEETZ, INC.
DATE:	04.05.2023
PROJECT ENGINEER:	PPP
PROJECT CADD DESIGNER:	MMP
PROJECT SURVEYOR:	VJA

SHEETZ AT HAMPSTEAD
 HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
MAJOR SITE DEVELOPMENT PLANS
EROSION & SEDIMENT CONTROL PLAN - PHASE I



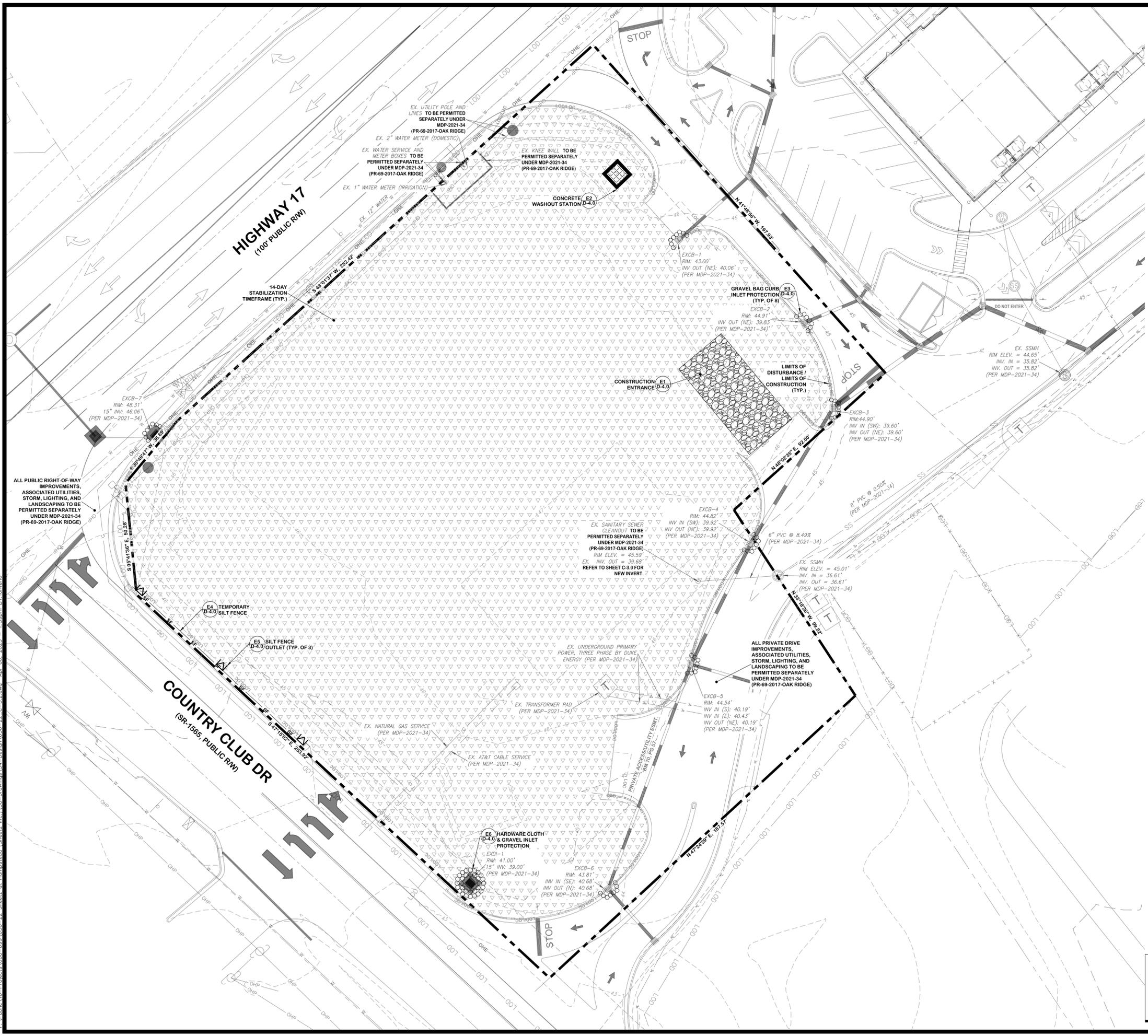
NO.	REVISION



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DRAWING SHEET
C-5.0
 PROJECT NUMBER
630-22

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SEE SHEET C-0.1 FOR LEGENDS AND NOTES.

- EROSION CONTROL MAINTENANCE SCHEDULE**
1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUN-OFF PRODUCING RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
 2. THE SEDIMENT BASIN WILL BE CLEANED OUT WHEN THE LEVEL OF SEDIMENT REACHES 2.0 FT BELOW THE TOP OF THE RISER. GRAVEL WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS.
 3. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT REACHES HALF CAPACITY OF THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
 4. ALL SEEDED AREAS WILL BE FERTILIZED, RESEED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
 5. AFTER CONSTRUCTION, THE DEVELOPER WILL MAINTAIN ALL PERMANENT EROSION CONTROL DEVICES IN ORDER TO PREVENT ACCELERATED EROSION.
 6. SILT FENCE OUTLETS WILL BE ADDED ALONG THE SILT FENCE AT ALL LOW POINTS AS NEEDED BASED ON FIELD CONDITIONS.

SELF INSPECTION NOTICE:

NOTIFICATION OF LAND RESOURCES SEDIMENT AND EROSION CONTROL SELF-INSPECTION PROGRAM:

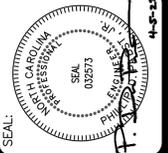
THE SEDIMENTATION POLLUTION CONTROL ACT WAS AMENDED IN 2006 TO REQUIRE THAT PERSONS RESPONSIBLE FOR LAND-DISTURBING ACTIVITIES INSPECT A PROJECT AFTER EACH STAGE OF THE PROJECT TO MAKE SURE THAT THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN IS BEING FOLLOWED. RULES DETAILING THE DOCUMENTATION OF THESE INSPECTIONS TOOK EFFECT OCTOBER 1, 2010. THE SELF-INSPECTION PROGRAM IS SEPARATE FROM THE WEEKLY SELF-MONITORING PROGRAM OF THE NPDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITIES. THE FOCUS OF THE SELF-INSPECTION REPORT IS THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL MEASURES ACCORDING TO THE STAGE OF THE PROJECT, AND CONTINUED UNTIL PERMANENT GROUND COVER IS ESTABLISHED IN ACCORDANCE WITH NCGS 113A-54.1 AND 15A NCCAC 4B.0131. THE SELF-INSPECTION REPORT FORM IS AVAILABLE AS A PDF FORM FROM <http://deq.nc.gov/about/divisions/energy-mineral-land-resources/erosion-sediment-control/forms>

IF YOU HAVE QUESTIONS OR CANNOT ACCESS THE FORM, PLEASE CONTACT THE EMLR OFFICE AT (919)707-9200 FOR ASSISTANCE.

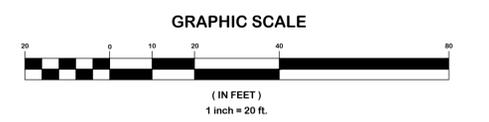
PAST DESIGN GROUP, PA
 Engineering & Consulting
 107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 848 4399 Fax: 919 848 4395 E-MAIL LICENSE NUMBER: C-3311

PREPARED FOR: SHEETZ, INC. 5700 SOUTH AVENUE JALOCOMA, PA 16802	DATE: 04.05.2023
PROJECT ENGINEER: PJP	PROJECT CADD DESIGNER: MMP
PROJECT SURVEYOR: VJA	

SHEETZ AT HAMPSTEAD
 HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
MAJOR SITE DEVELOPMENT PLANS
NPDES STABILIZATION PLAN - PHASE I



NO.	REVISION	DATE



FOR REVIEW ONLY
NOT FOR CONSTRUCTION

DRAWING SHEET
C-5.2
 PROJECT NUMBER
630-22

SEE SHEET C-0.1 FOR LEGENDS AND NOTES.

EROSION CONTROL MAINTENANCE SCHEDULE

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUN-OFF PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
2. THE SEDIMENT BASIN WILL BE CLEANED OUT WHEN THE LEVEL OF SEDIMENT REACHES 2.0 FT BELOW THE TOP OF THE RISER. GRAVEL WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS.
3. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT REACHES HALF CAPACITY OF THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
4. ALL SEEDED AREAS WILL BE FERTILIZED, RESEED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
5. AFTER CONSTRUCTION, THE DEVELOPER WILL MAINTAIN ALL PERMANENT EROSION CONTROL DEVICES IN ORDER TO PREVENT ACCELERATED EROSION.
6. SILT FENCE OUTLETS WILL BE ADDED ALONG THE SILT FENCE AT ALL LOW POINTS AS NEEDED BASED ON FIELD CONDITIONS.

SELF INSPECTION NOTICE:

NOTIFICATION OF LAND RESOURCES SEDIMENT AND EROSION CONTROL SELF-INSPECTION PROGRAM:

THE SEDIMENTATION POLLUTION CONTROL ACT WAS AMENDED IN 2006 TO REQUIRE THAT PERSONS RESPONSIBLE FOR LAND-DISTURBING ACTIVITIES INSPECT A PROJECT AFTER EACH STAGE OF THE PROJECT TO MAKE SURE THAT THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN IS BEING FOLLOWED. RULES DETAILING THE DOCUMENTATION OF THESE INSPECTIONS TOOK EFFECT OCTOBER 1, 2010. THE SELF-INSPECTION PROGRAM IS SEPARATE FROM THE WEEKLY SELF-MONITORING PROGRAM OF THE NPDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITIES. THE FOCUS OF THE SELF-INSPECTION REPORT IS THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL MEASURES ACCORDING TO THE STAGE OF THE PROJECT, AND CONTINUED UNTIL PERMANENT GROUND COVER IS ESTABLISHED IN ACCORDANCE WITH NCGS 113A-54.1 AND 15A NCA 4B.0131. THE SELF-INSPECTION REPORT FORM IS AVAILABLE AS A PDF FORM FROM <http://deq.nc.gov/about/divisions/energy-mineral-land-resources/erosion-sediment-control/forms>

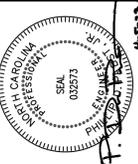
IF YOU HAVE QUESTIONS OR CANNOT ACCESS THE FORM, PLEASE CONTACT THE EMLR OFFICE AT (919)707-9200 FOR ASSISTANCE.

PAST DESIGN GROUP, PA
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 107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 848 4399 Fax: 919 848 4395 E-MAIL: LICENSE NUMBER: C-3311



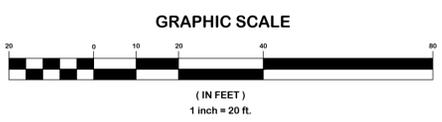
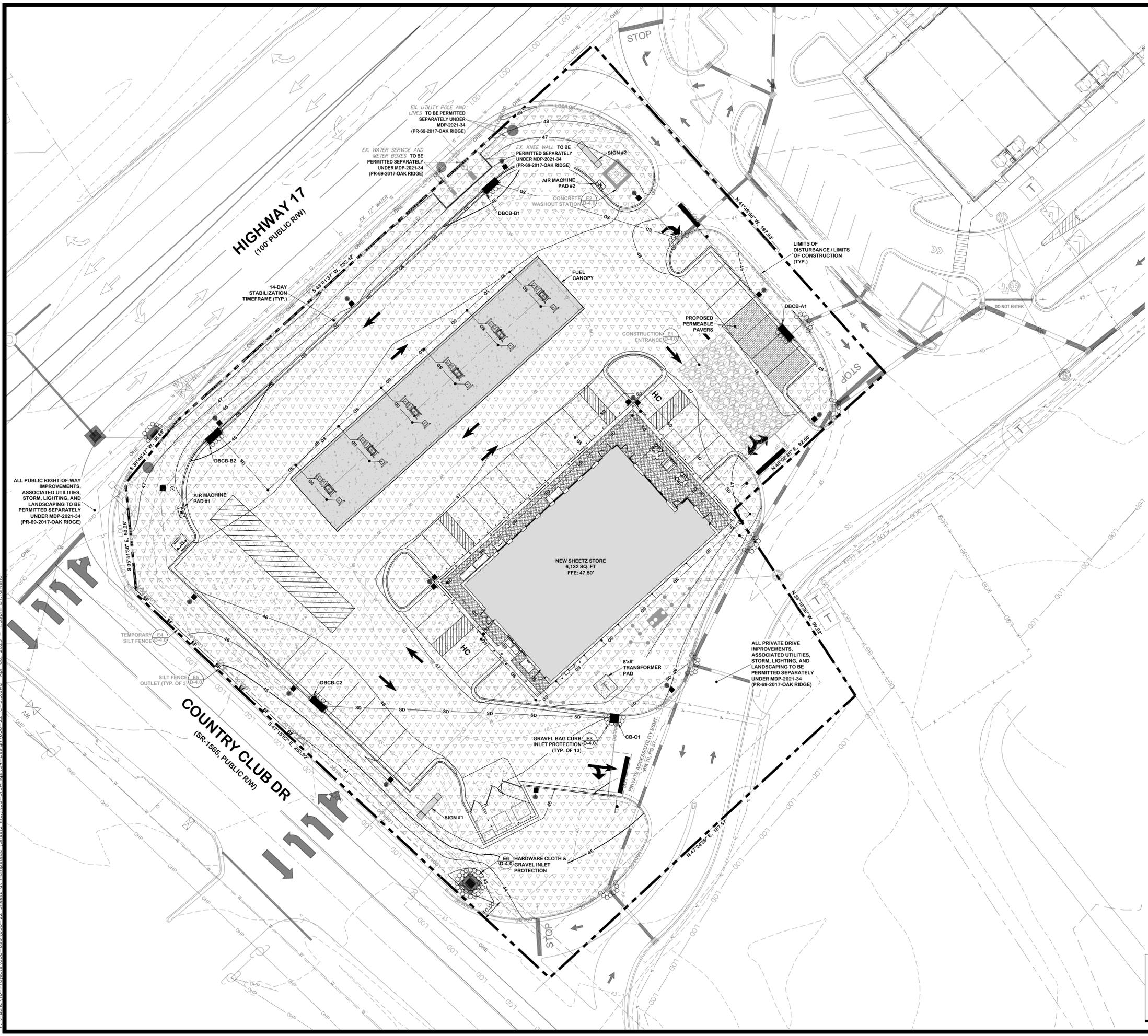
PREPARED FOR: SHEETZ, INC., 5700 SOUTH AVENUE, ALCOONA, VA 18602
 DATE: 04.05.2023
 PROJECT ENGINEER: PJP
 PROJECT CAD DESIGNER: MWP
 PROJECT SURVEYOR: VJA

SHEETZ AT HAMPSTEAD
 HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
MAJOR SITE DEVELOPMENT PLANS
NPDES STABILIZATION PLAN - PHASE II



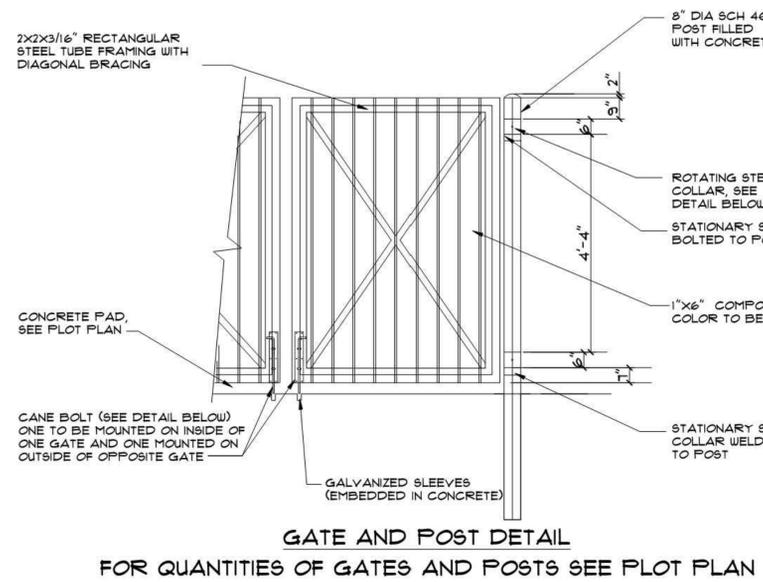
NO.	REVISION	DATE

DRAWING SHEET
C-5.3
 PROJECT NUMBER
630-22

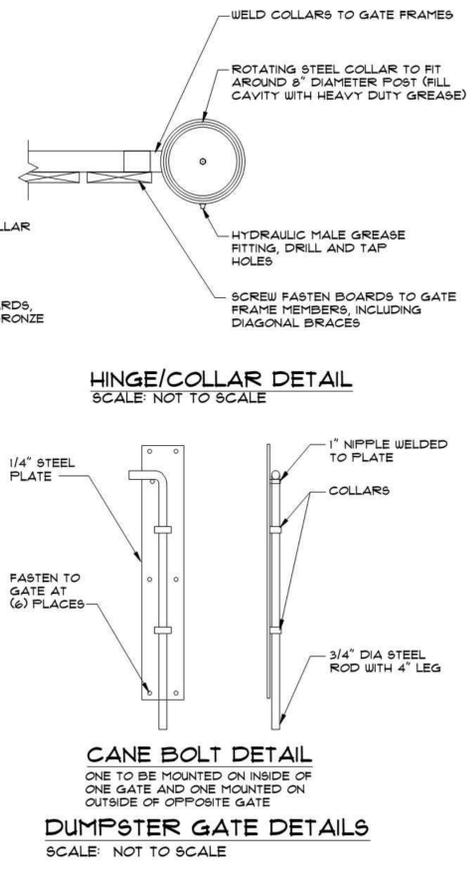


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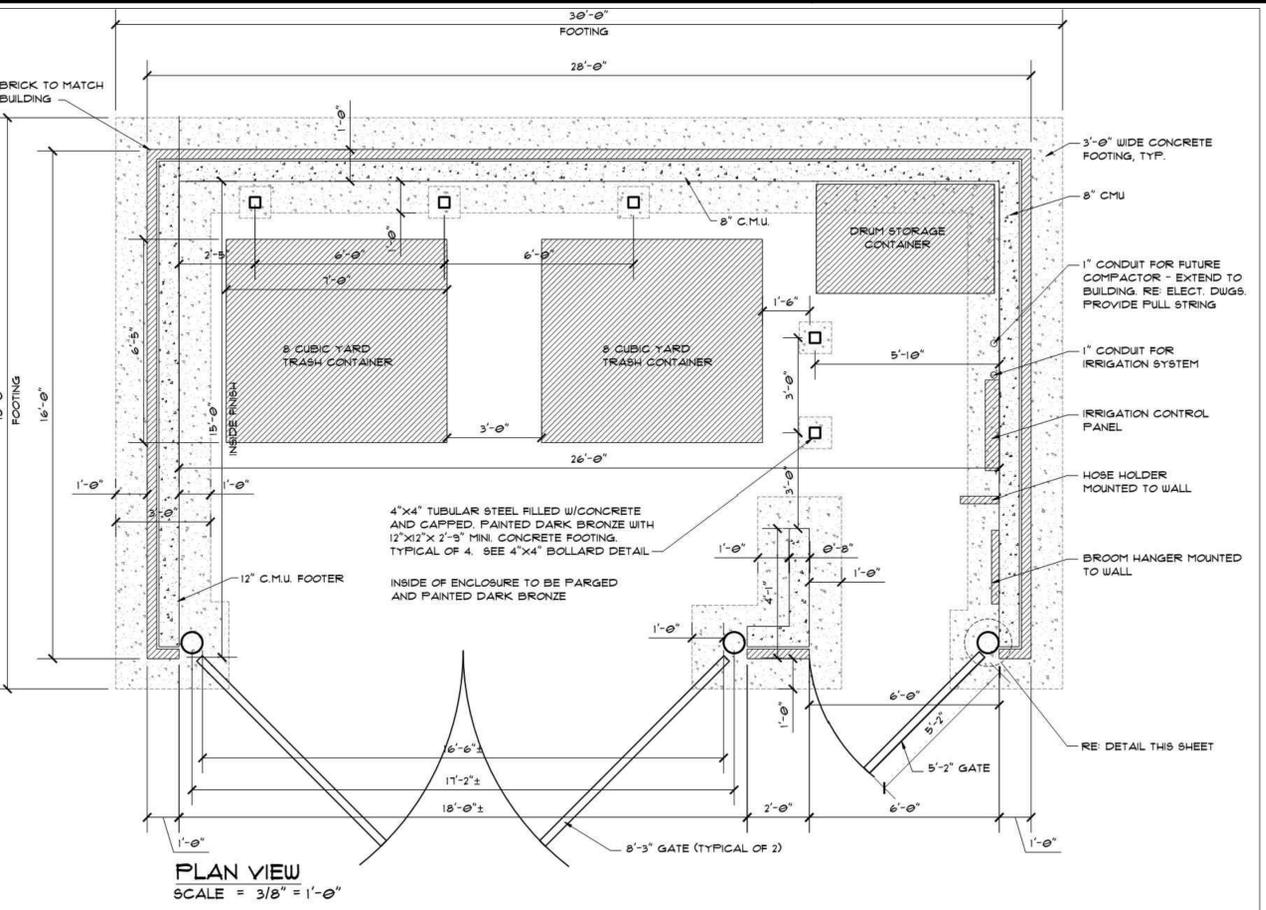
GATE AND POST DETAIL
FOR QUANTITIES OF GATES AND POSTS SEE PLOT PLAN



HINGE/COLLAR DETAIL
SCALE: NOT TO SCALE

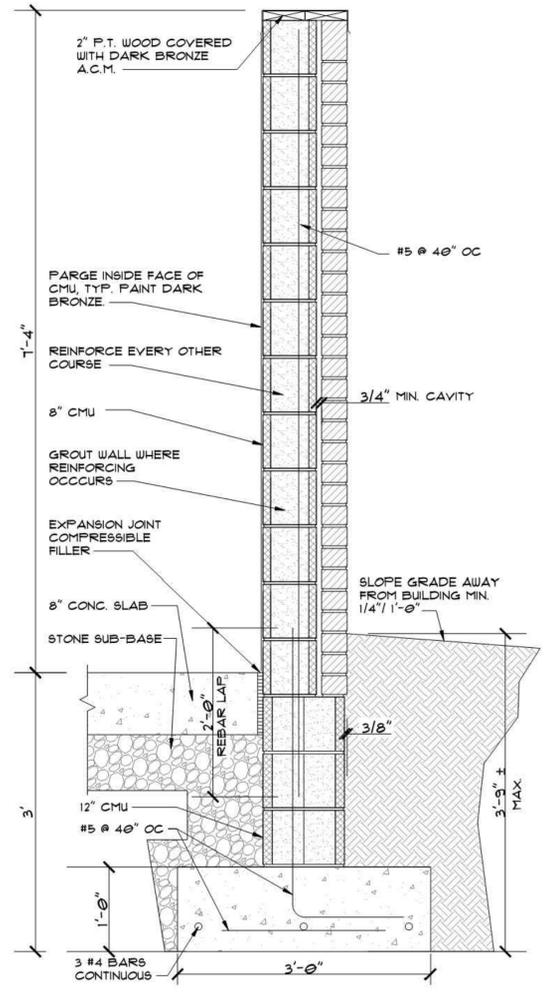
CANE BOLT DETAIL
ONE TO BE MOUNTED ON INSIDE OF ONE GATE AND ONE MOUNTED ON OUTSIDE OF OPPOSITE GATE

DUMPSTER GATE DETAILS
SCALE: NOT TO SCALE

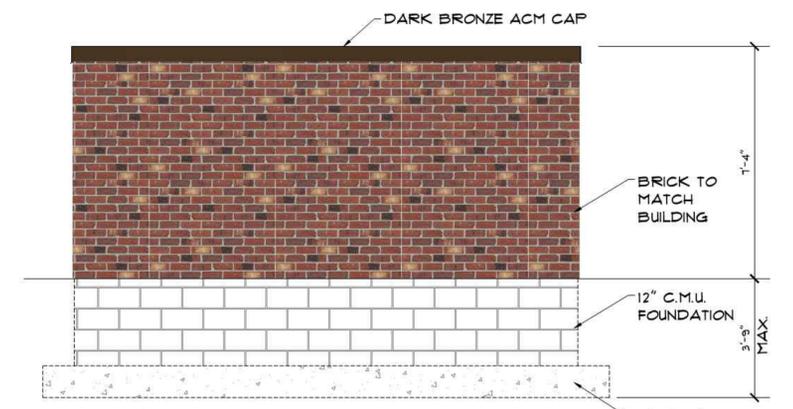


PLAN VIEW
SCALE = 3/8" = 1'-0"

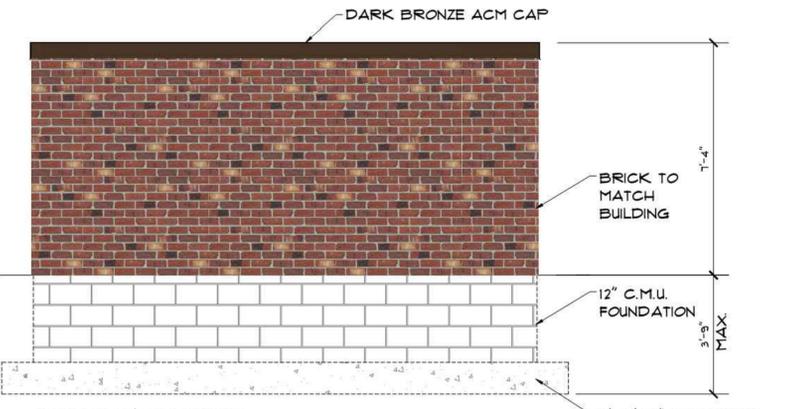
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SECTION DETAIL
SCALE: 3/4" = 1'-0"



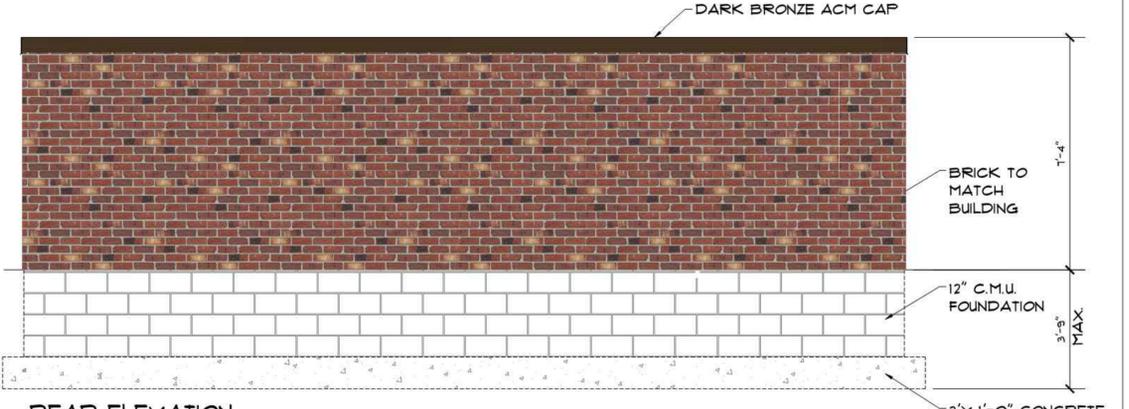
LEFT ELEVATION
SCALE = 3/8" = 1'-0"



RIGHT ELEVATION
SCALE = 3/8" = 1'-0"

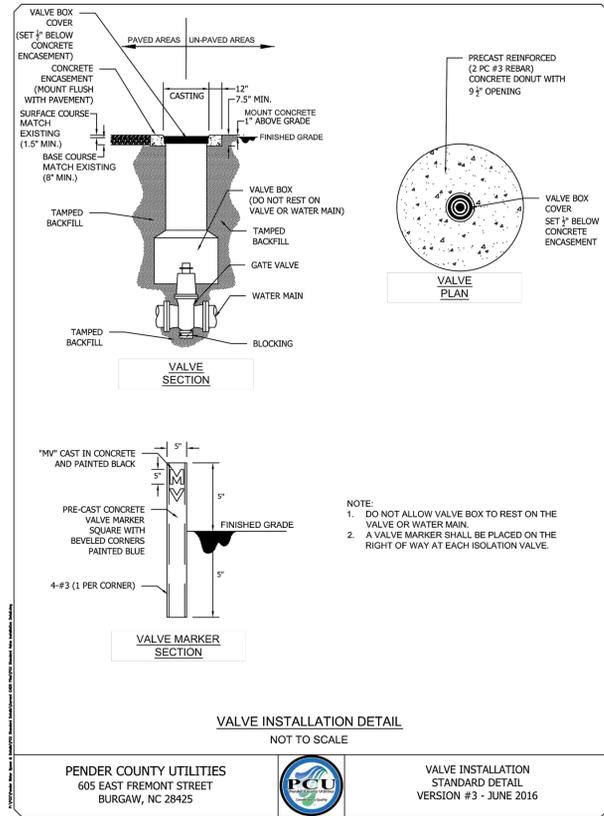


FRONT ELEVATION
SCALE = 3/8" = 1'-0"

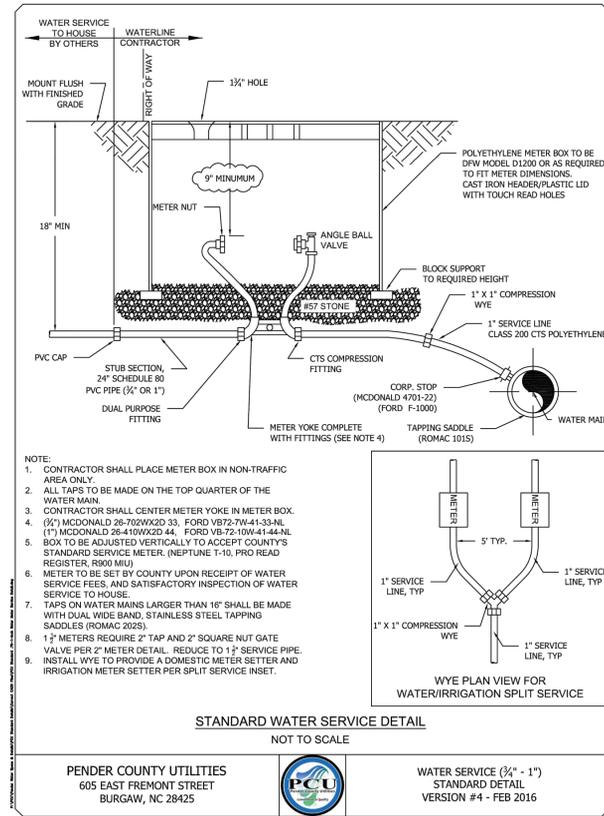


REAR ELEVATION
SCALE = 3/8" = 1'-0"

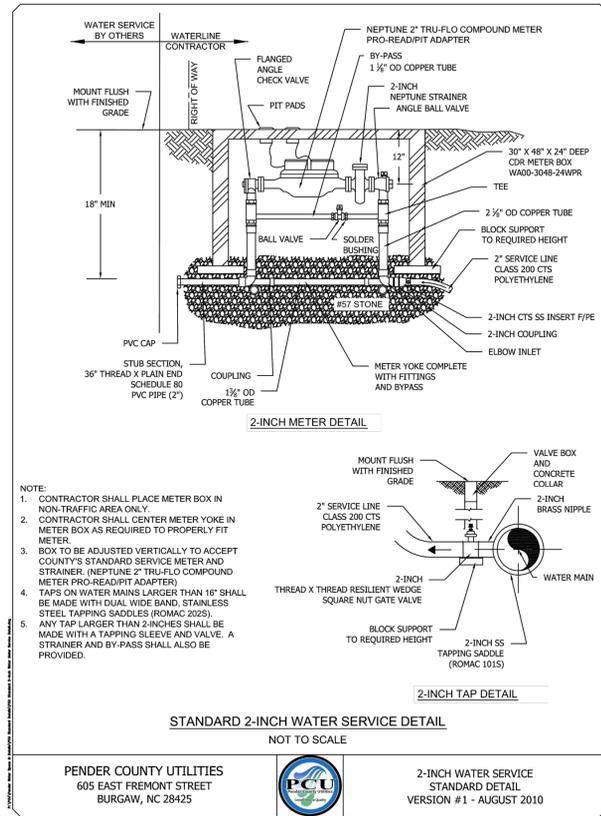
S17 DUMPSTER ENCLOSURE
SCALE: 3/8" = 1'-0"



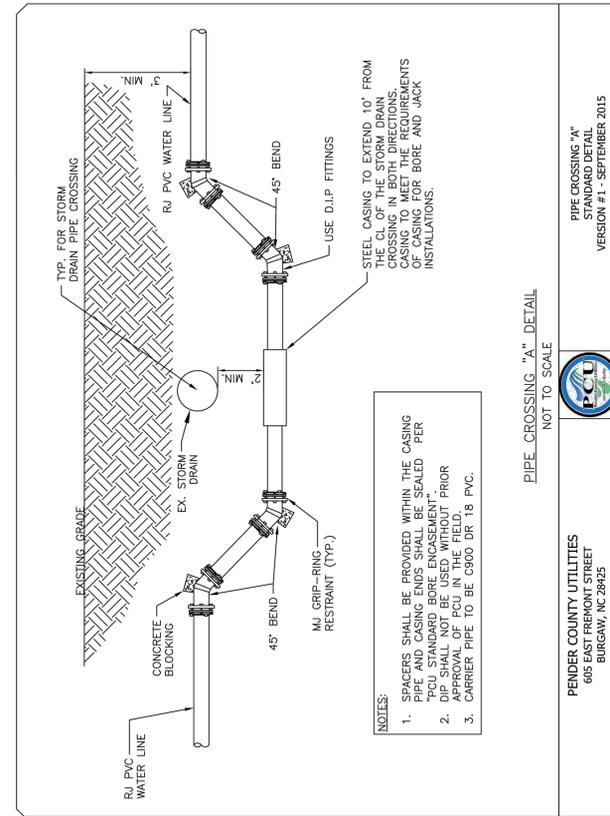
U1 STANDARD VALVE



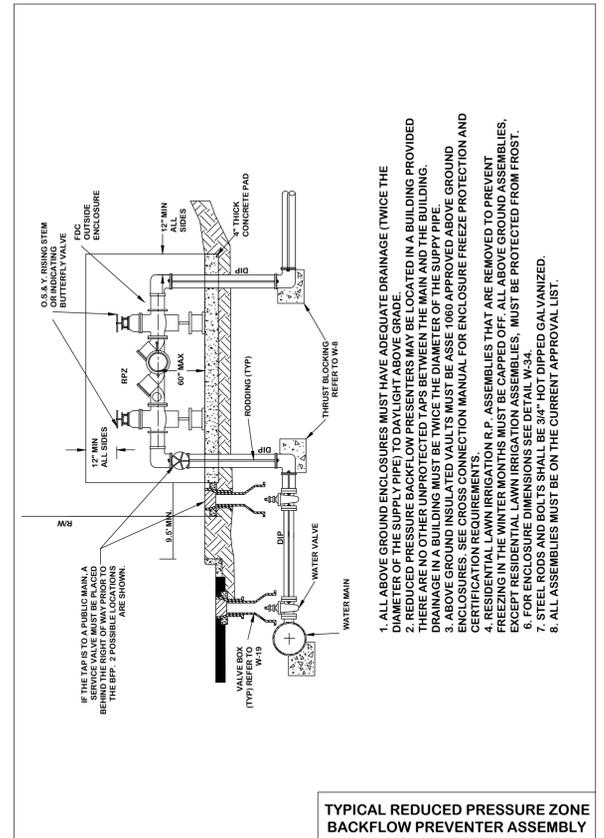
U2 1" WATER METER & SERVICE



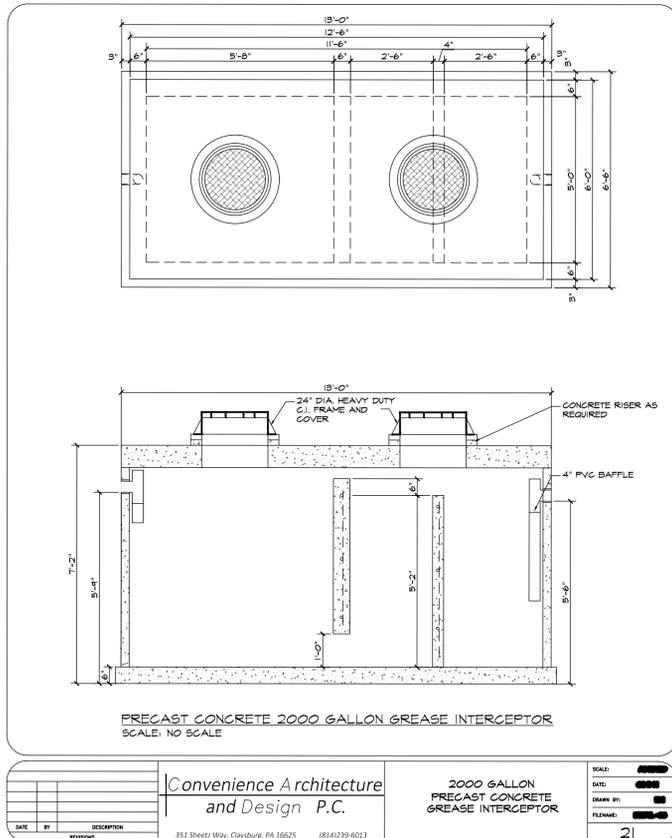
U3 2" WATER METER & SERVICE



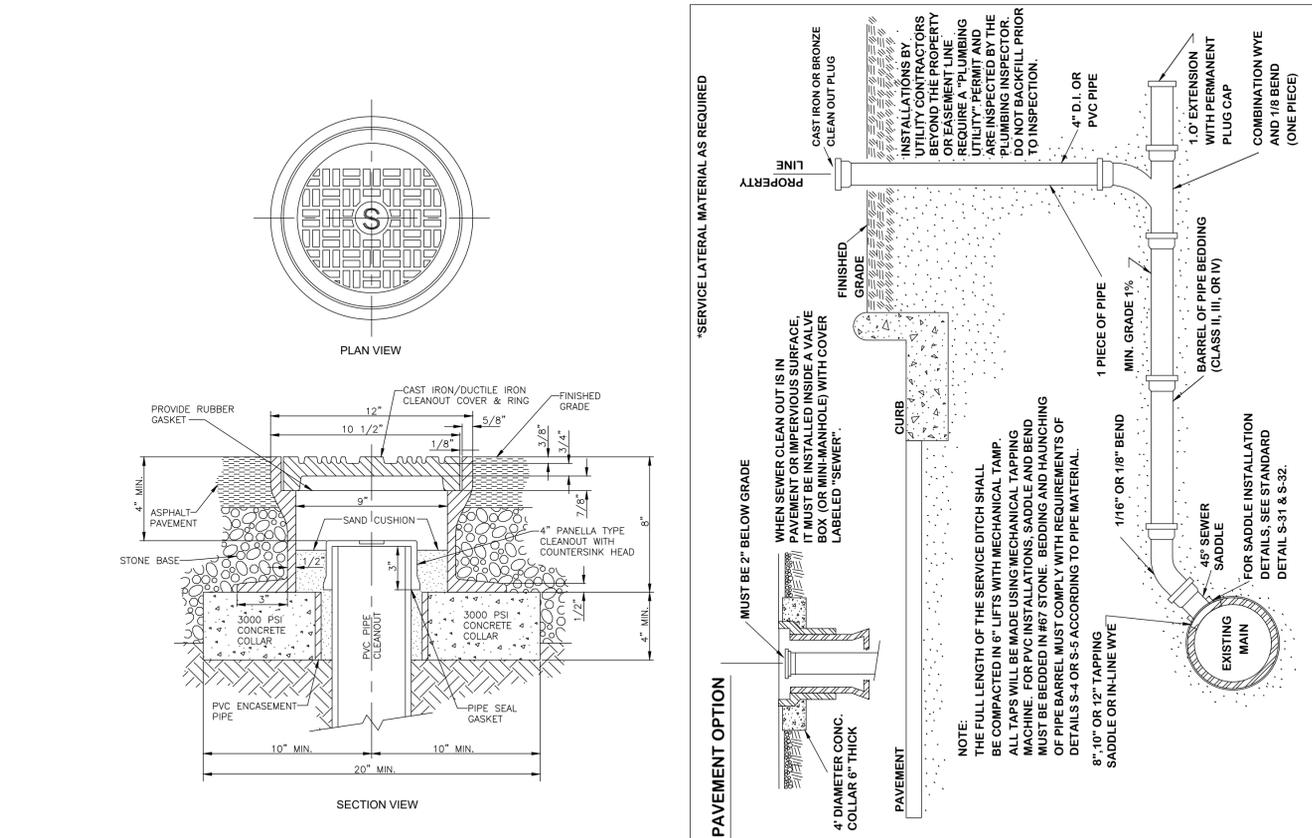
U4 PIPE CROSSING DETAIL



U5 STANDARD BACKFLOW PREVENTER



U6 2,000 GALLON GREASE TRAP



U7 TRAFFIC BEARING & NON-TRAFFIC BEARING SS CLEANOUT

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PAST DESIGN GROUP, PA
Engineering | Consulting
107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
Phone: 919 848 4999 | Fax: 919 848 0951 | NC LICENSE NUMBER: C-3211

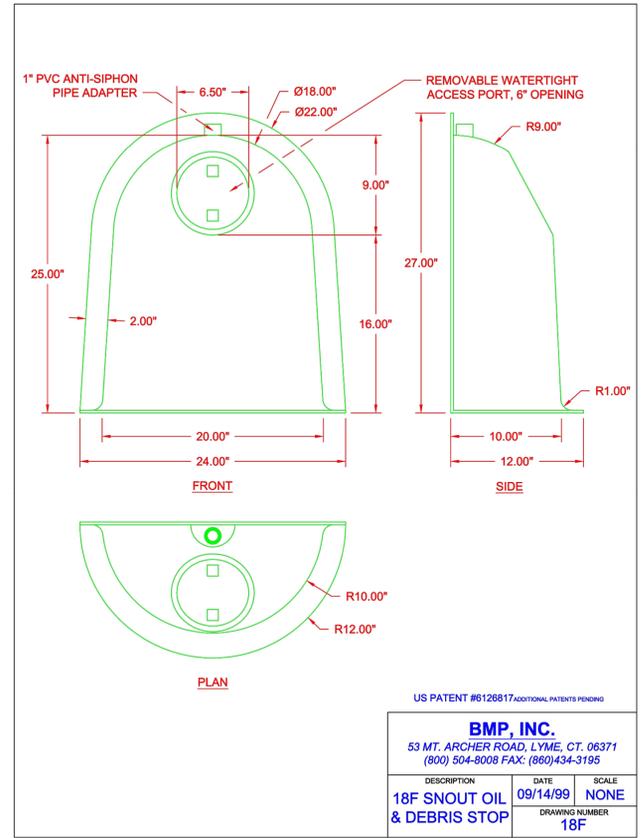
SHEETZ AT HAMPSTEAD
HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
MAJOR SITE DEVELOPMENT PLANS
UTILITY DETAIL SHEET

PREPARED FOR:
SHEETZ, INC.
5700 SOUTH AVENUE
ALTOONA, PA 16802
DATE: 04.05.2023
PROJECT ENGINEER:
PJP
PROJECT CADD DESIGNER:
MMP
PROJECT SURVEYOR:
VJA

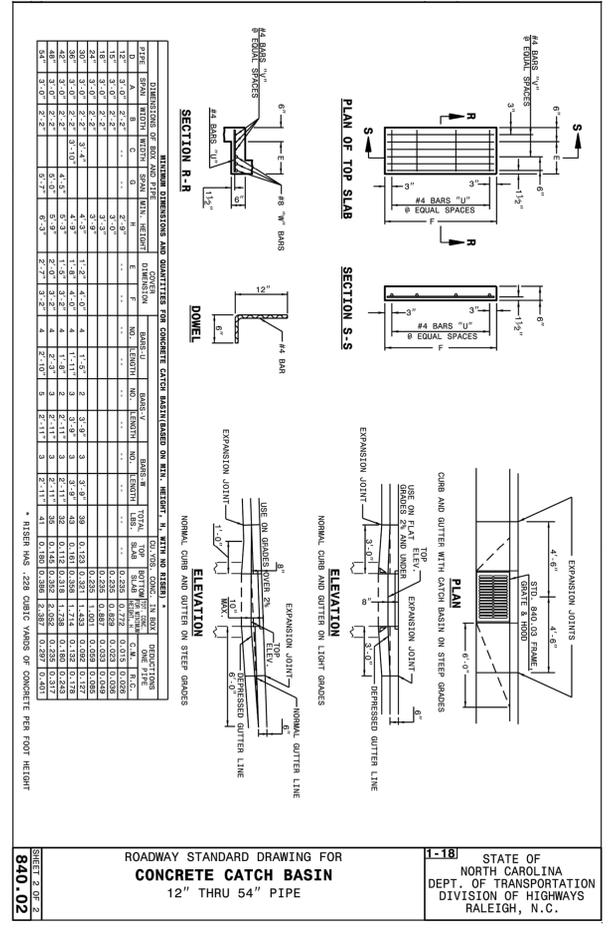
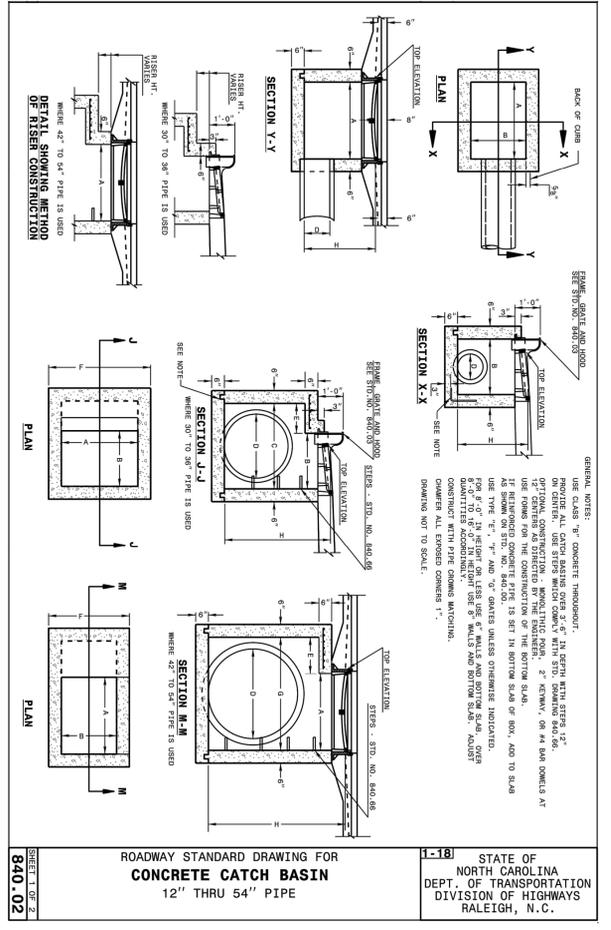
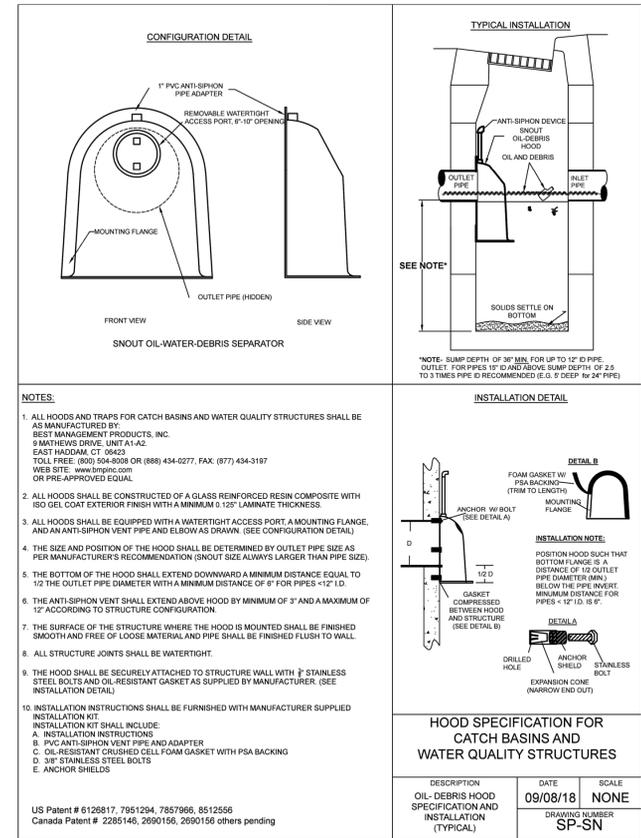
NO. _____
DATE _____
REVISION _____

DRAWING SHEET
D-2.0
PROJECT NUMBER
630-22

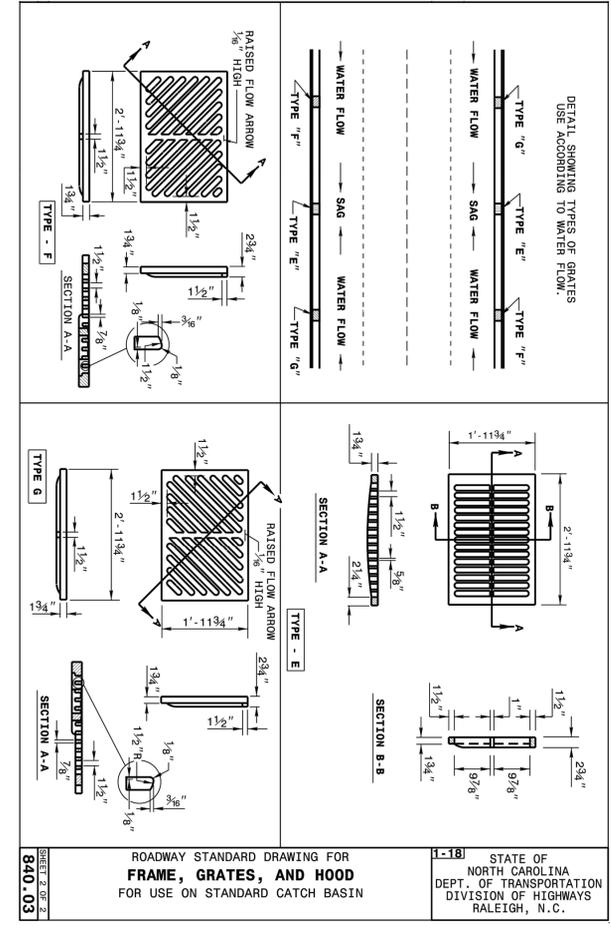
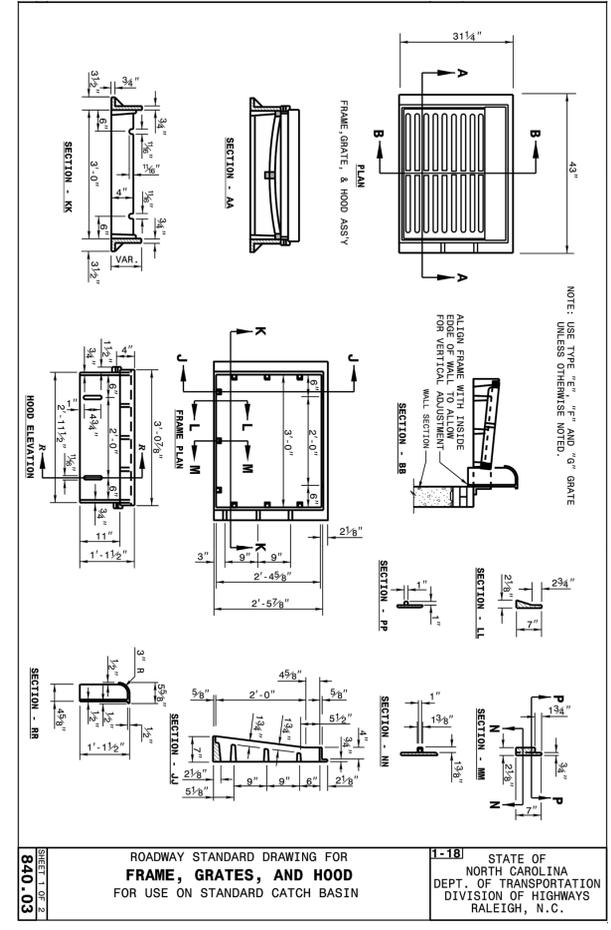
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D2 STORM SNOUT



D1 CATCH BASIN



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Engineering | Consulting
107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
Phone: 919 946 4999 | Fax: 919 946 0951 | NC LICENSE NUMBER: C-3921

PREPARED FOR:
SHEETZ, INC.
5700 SOUTH AVENUE
ALCOONA, PA 16802

DATE: 04.05.2023
PROJECT ENGINEER:
PJP
PROJECT CAD DESIGNER:
MMP
PROJECT SURVEYOR:
VJA

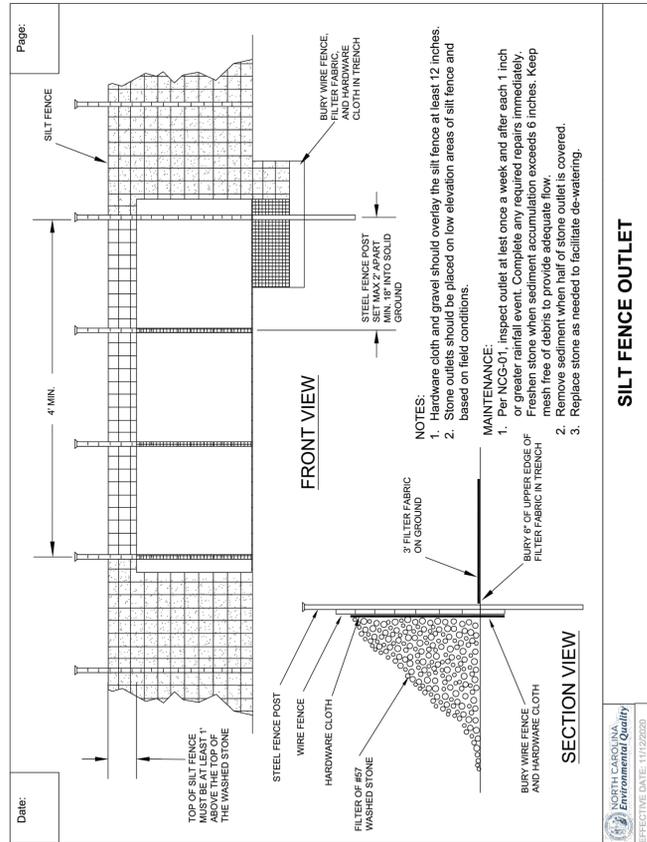
SHEETZ AT HAMPSTEAD
HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
MAJOR SITE DEVELOPMENT PLANS
STORM DRAINAGE DETAIL SHEET

NO.	REVISION	DATE

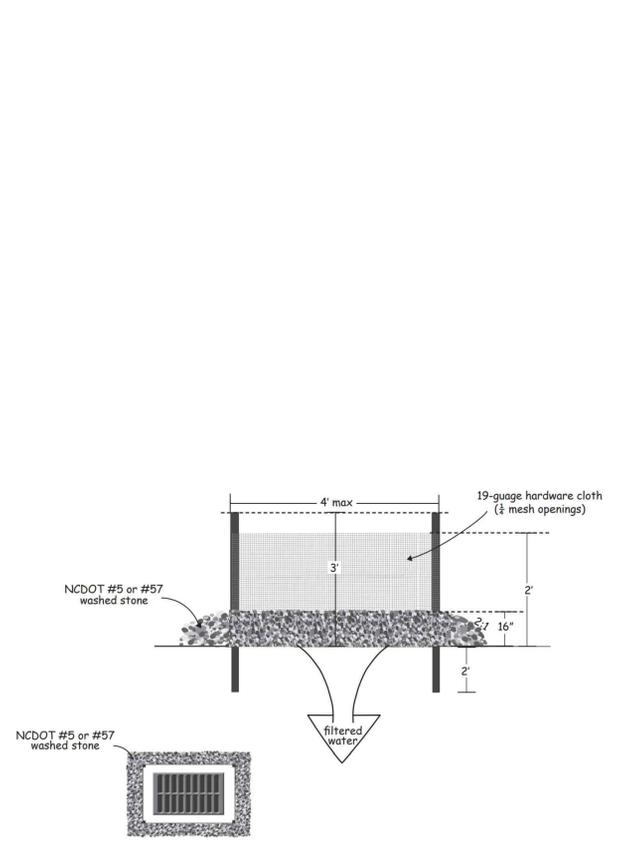
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D-3.0

PROJECT NUMBER
630-22

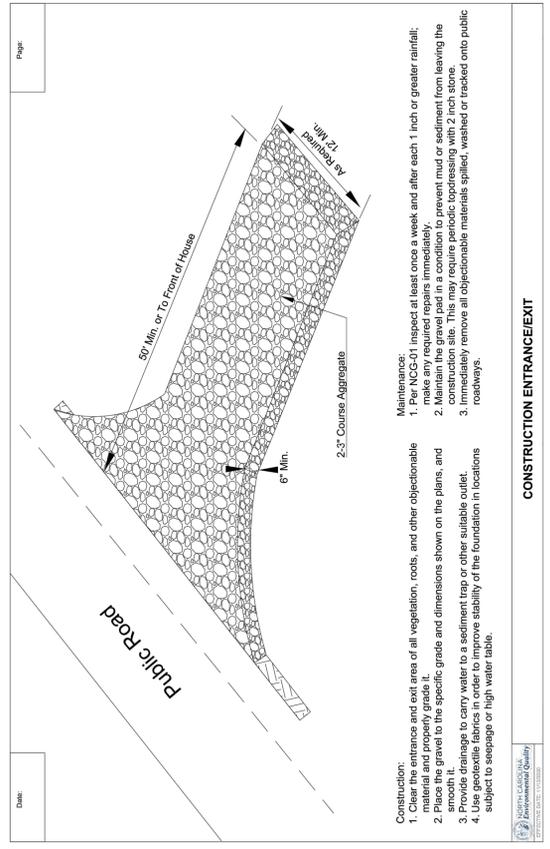
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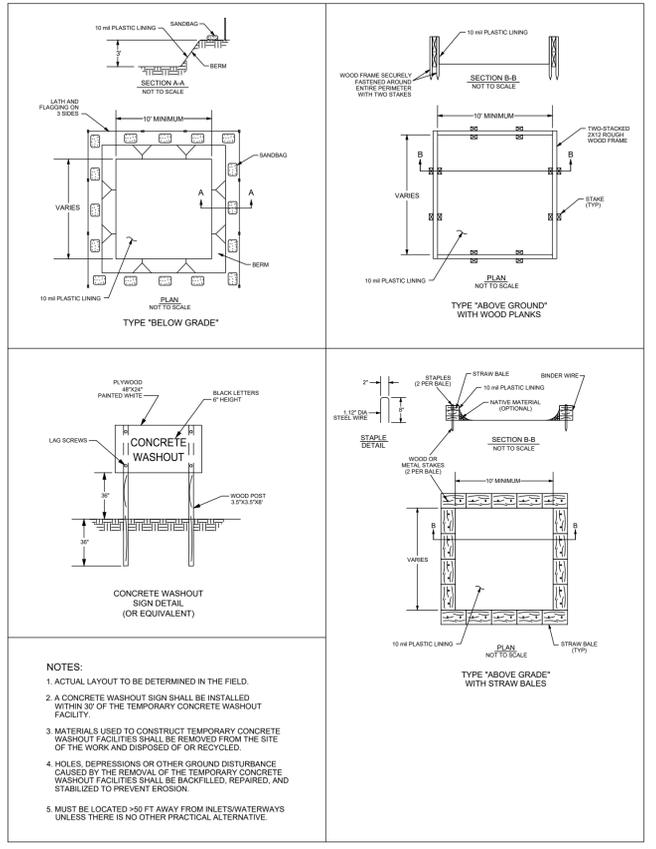
E5 SILT FENCE OUTLET



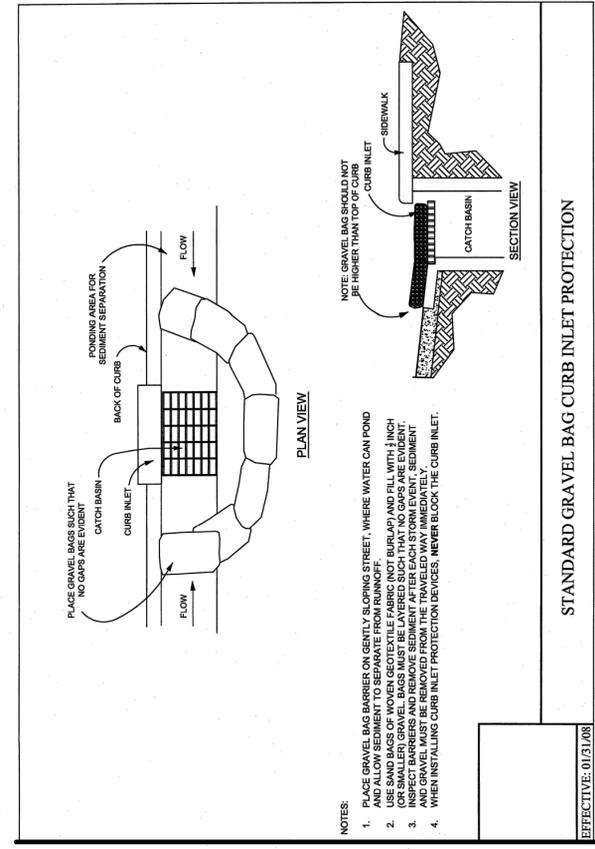
E6 HARDWARE CLOTH & GRAVEL INLET PROTECTION



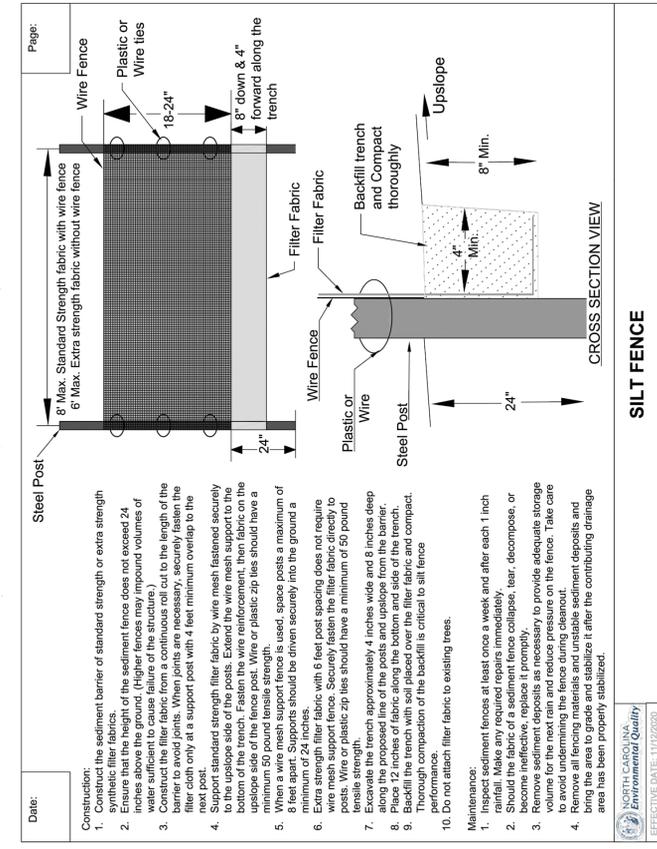
E1 CONSTRUCTION ENTRANCE



E2 CONCRETE WASHOUT



E3 GRAVEL BAG CURB INLET PROTECTION



E4 SILT FENCE

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Engineering | Consulting
107 Fayetteville Street, Suite 300, Raleigh, North Carolina 27601
Phone: 919 946 4399 | Fax: 919 946 6951 | NC LICENSE NUMBER: C-3211

SHEETZ AT HAMPSTEAD
HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
MAJOR DEVELOPMENT PLANS
EROSION & SEDIMENTATION CONTROL DETAILS

PREPARED FOR: SHEETZ, INC., 5700 SOUTH AVENUE, ALDOUNA, PA 16022
DATE: 04.05.2023
PROJECT ENGINEER: PJP
PROJECT CADD DESIGNER: MWP
PROJECT SURVEYOR: VJA

SEAL: [Professional Engineer Seal]
DATE: [Blank]
REVISION: [Blank]
NO.: [Blank]

DRAWING SHEET **D-4.0**
PROJECT NUMBER **630-22**

Date:

Page:

PART II, SECTION G, ITEM (4)
DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT
 Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

- The E&S plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&S plan authority has approved these items.
- The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit.
- Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include properly sited, designed and maintained dewatering tanks, weir tanks, and filtration systems.
- Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in (c) above.
- Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
- Sediment removed from the dewatering treatment devices described in Item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING
SECTION A: SELF-INSPECTION
 Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those unattended days (this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "Zero." The permittee may use another rain-measuring device approved by the Division.
(2) E&S Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours.	1. Identification of the measures inspected 2. Date and Time of the inspection 3. Name of the person performing the inspection 4. Indication of whether the measures were operating properly 5. Description of maintenance needs for the measure 6. Description, Evidence, and date of corrective actions taken
(3) Stormwater discharge outfalls(SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours.	1. Identification of the discharge outfalls inspected 2. Date and Time of the inspection 3. Name of the person performing the inspection 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration 5. Indication of visible sediment leaving the site 6. Description, Evidence, and date of corrective actions taken
(4) Perimeter of Site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours.	If visible Sedimentation is found outside site limits, then record the following shall be made: 1) Actions taken to clean up or stabilize sediment that has left the site limits 2) Description, Evidence and date of corrective actions taken 3) An explanation as to the actions taken to control future releases
(5) Streams or wetlands or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours.	If the stream or wetland has increased visible sedimentation or has visible increased turbidity from the construction activity, then a report of the following shall be made: 1) Description, Evidence and date of corrective actions taken 2) Records of required reports to the appropriate Division Regional Office per Part III, Section C, Item(2)(a) of this permit
(6) Ground Stabilization Measures	After each phase of grading.	1. The phase of grading (restoration of perimeter E&S measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or re-vegetation, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING
SECTION B: RECORDKEEPING
1. E&S Plan Documentation
 The approved E&S plan as well as any approved deviation shall be kept on the site. The approved E&S plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&S plan shall be kept on site and available for inspection at all times during normal business hours.

Item to Document	Document Requirements
(a) Each E&S measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&S plan.	Initial and date each E&S measure on a copy of the approved E&S plan or complete, date and sign an inspection report that lists each E&S measure shown on the approved E&S plan. This documentation is required upon the initial installation of the E&S measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&S plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&S plan.	Initial and date a copy of the approved E&S plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&S measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&S measures.	Initial and date a copy of the approved E&S plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation to be Kept on Site
 In addition to the E&S plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

- This General Permit as well as the Certificate of Coverage, after it is received.
- Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection report that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

3. Documentation to be Retained for Three Years
 All data used to complete the a-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING
SECTION C: REPORTING
1. Occurrences that Must be Reported
 Permittees shall report the following occurrences:
 (a) Visible sediment deposition in a stream or wetland.
 (b) Oil spills if:
 - They are 25 gallons or more,
 - They are less than 25 gallons but cannot be cleaned up within 24 hours,
 - They cause sheen on surface waters (regardless of volume), or
 - They are within 100 feet of surface waters (regardless of volume).
 (c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-219.05.
 (d) Anticipated bypasses and unanticipated bypasses.
 (e) Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements
 After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 658-0368.

Occurrence	Reporting Timeframe (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	• Within 24 hours, an oral or electronic notification. • Within 7 Calendar Days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. • If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.
(b) Oil spills and releases of hazardous substances per Item 1(b)-(c) above	• Within 24 hours, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.
(c) Anticipated bypasses [40 CFR 122.41(m)(3)]	• A report at least ten days before the date of the bypass, if possible. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(d) Unanticipated bypasses [40 CFR 122.41(m)(3)]	• Within 24 hours, an oral or electronic notification • Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment [40 CFR 122.41(k)(7)]	• Within 24 hours, an oral or electronic notification • Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate and prevent recurrence of the noncompliance. [40 CFR 122.41(i)(6)]. • Division staff may waive the requirement for a written report on a case-by-case basis.

SEED BED PREPARATION - TEMPORARY SEEDING

- CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3" DEEP OVER ADVERSE SOIL CONDITIONS.
- RIP THE ENTIRE AREA TO A 6" DEPTH.
- REMOVE ALL ROCKS, ROOTS AND OTHER OBSTRUCTIONS LEAVING SURFACES SMOOTH AND UNIFORM.
- APPLY AGRICULTURAL LIME AND FERTILIZER UNIFORMLY AND MIX WITH SOIL.
 - AGRICULTURAL LIMESTONE: 2 TONS / ACRE (3 TONS / ACRE IN CLAY SOILS)
 - FERTILIZER: 1,000 LBS / ACRE - 10-10-10
 - SUPERPHOSPHATE: 500 LBS - 20% ANALYSIS
- CONTINUE TILLAGE UNTIL A WELL PULVERIZED, FIRM, UNIFORM SEED BED IS PREPARED 4" - 6" DEEP.
- SEED ON A FRESHLY PREPARED SEED BED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.
- MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
- MULCH: SMALL GRAIN STRAW, 2 TONS / ACRE
- ANCHOR: ASPHALT EMULSION AT 300 GALS / ACRE
- ASPHALT FOR ANCHORING MULCH SHALL BE TYPE SS-1 EMULSION AND APPLIED AT A RATE OF 1000 GAL. PER ACRE FOR SLOPE STABILIZATION, AND 150 GAL. PER TON OF STRAW FOR ANCHORING STRAW.
- INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEED WITHIN THE PLANTING SEASON, IF POSSIBLE. IF GRASS STAND SHOULD BE OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
- CONSULT CONSERVATION INSPECTOR ON MAINTENANCE, TREATMENT, AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.

TEMPORARY SEEDING SCHEDULE

SEEDING MIXTURE SPECIES	RATE (LBS/ACRE)	SEEDING DATES
GERMAN MILLET	40	MAY 1 - AUG. 15
RYE (GRAIN)	120	AUG. 15 - DEC. 15 JAN. 1 - MAY 1

SOIL AMENDMENTS
 FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LBS/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LBS/ACRE (1,000 LBS/ACRE FOR RYE IN THE FALL) 10-10-10 FERTILIZER.

MULCH
 APPLY 4,000 LBS/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE
 REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

PERMANENT SEEDING SCHEDULE

DATE	TYPE	PLANTING RATE
AUG 15 - NOV 1	TALL FESCUE	300 LBS/ACRE
NOV 1 - MAR 1	TALL FESCUE AND ABRUZZI RYE	300 LBS/ACRE
MAR 1 - APR 15	TALL FESCUE	300 LBS/ACRE
APR 15 - JUN 30	HULLED COMMON BERMUDAGRASS	25 LBS/ACRE

FERTILIZER

-	16-4-0 AT 20 LBS/1000 SF
-	DOLOMITE AT 90 LBS/1000 SF
-	0-20-0 AT 12 LBS/1000 SF

SEEDING SCHEDULE

DATE	TYPE
AUG 15 - NOV 1	TALL FESCUE
NOV 1 - MAR 1	TALL FESCUE & ABRUZZI RYE
MAR 1 - APR 15	TALL FESCUE
APR 15 - JUN 30	HULLED COMMON BERMUDAGRASS
JUL 1 - AUG 15	TALL FESCUE AND

SEEDBED PREPARATION

- CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.
 - RIP THE ENTIRE AREA TO 8 INCHES DEPTH.
 - REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
 - APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPERPHOSPHATE UNIFORMLY AND MIX WITH SOIL (SEE BELOW).
 - CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED 4 TO 6 INCHES DEEP.
 - SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.
 - MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
 - INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 60% DAMAGED, REESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
 - CONSULT ORIGINAL ENGINEER ON MAINTENANCE TREATMENT AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.
- *APPLY: AGRICULTURAL LIMESTONE - 2 TONS/ACRE (3 TONS/ACRE IN CLAY SOILS)
 FERTILIZER - 1,000 LBS/ACRE - 10-10-10
 SUPERPHOSPHATE - 500 LBS/ACRE - 20% ANALYSIS
 MULCH - 2 TONS/ACRE - SMALL GRAIN STRAW
 ANCHOR - ASPHALT EMULSION @ 300 GALS/ACRE

SEEDING SCHEDULE

DATE	TYPE
MAR 1 - JUN 1	TALL FESCUE AND
JUN 1 - SEPT 1	TALL FESCUE AND
SEPT 1 - MAR 1	TALL FESCUE AND
NOV 1 - APR 15	ABRUZZI RYE

NOTE: SERICEA LESPEDEZA AND WEEPING LOVE GRASS ARE NOT PERMITTED ON DAM EMBANKMENTS.

CONSULT CONSERVATION ENGINEER OR NATURAL RESOURCES CONSERVATION SERVICE FOR ADDITIONAL INFORMATION CONCERNING OTHER ALTERNATIVES FOR VEGETATION OF DENUDED AREAS. THE ABOVE VEGETATION RATES ARE THOSE WHICH DO WELL UNDER LOCAL CONDITIONS; OTHER SEEDING RATE COMBINATIONS ARE POSSIBLE.

***TEMPORARY: RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED PERMANENT VEGETATION; DO NOT ALLOW TEMPORARY COVER TO GROW OVER 12" IN HEIGHT BEFORE MOWING, OTHERWISE FESCUE MAY BE SHADED OUT.

NORTH CAROLINA
 Environmental Quality
 EFFECTIVE DATE: 11/12/2020

NCG-01 SELF INSPECTION

Date:

Page:

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT
 Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Site Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10 feet or less in length and are not steeper than 2:1, 14 days are allowed. -7 days for slopes greater than 50' in length and with slopes steeper than 4:1
(d) Slopes 3:1 to 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> Temporary grass seed covered with straw or other mulches and tackifiers. Hydroseeding Roller erosion control products with or without temporary grass seed Appropriately applied straw or other mulch Plastic sheeting 	<ul style="list-style-type: none"> Permanent grass seed covered with straw or other mulches and tackifiers Geotextile fabrics such as permanent soil reinforcement matting Hydroseeding Shrubs or other permanent plantings covered with mulch Uniform and evenly distributed ground cover sufficient to restrain erosion Structural methods such as concrete, asphalt or retaining walls Roller erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
- Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
- Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
- Provide ponding area for containment of treated Stormwater before discharging offsite.
- Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

- Maintain vehicles and equipment to prevent discharge of fluids.
- Provide drip pans under any stored equipment.
- Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
- Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

- Never bury or burn waste. Place filter and debris in approved waste containers.
- Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
- Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
- Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
- Anchor all lightweight items in waste containers during times of high winds.
- Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled, sized and placed appropriately for the needs of site.
- Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind sill fence or place on a gravel pad and surround with sand bags.
- Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

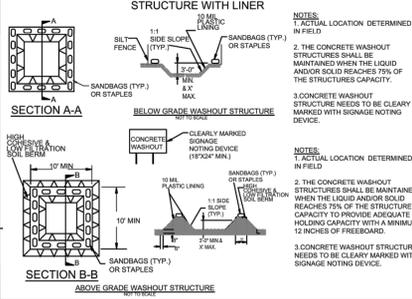
EARTHEN STOCKPILE MANAGEMENT

- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
- Provide stable stone access point when feasible.
- Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.

HAZARDOUS AND TOXIC WASTE

- Create designated hazardous waste collection areas on-site.
- Place hazardous waste containers under cover or in secondary containment.
- Do not store hazardous chemicals, drums or bagged materials directly on the ground.

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



CONCRETE WASHOUTS

- Do not discharge concrete or cement slurry from the site.
- Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
- Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
- Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
- Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
- Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
- Provide washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
- Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
- Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
- At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
- Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
- Do not stockpile these materials onsite.

NORTH CAROLINA
 Environmental Quality
 EFFECTIVE DATE: 11/12/2020

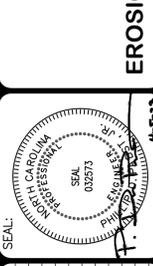
NCG-01 GROUND COVER & MATERIALS HANDLING

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PAST DESIGN GROUP, PA
 Engineering & Consulting
 107 Fayetteville Street, Suite 300, Raleigh, North Carolina 27601
 Phone: 919 946 4399 / Fax: 919 946 4395 / 1 NC LICENSE NUMBER: C-3211

PREPARED FOR:
 SHEETZ AT HAMPSTEAD
 5700 SOUTH AVENUE
 ALCOONA, PA 16802
 DATE: 04.05.2023
 PROJECT ENGINEER:
 PJP
 PROJECT CAD DESIGNER:
 MJP
 PROJECT SURVEYOR:
 VJA

SHEETZ AT HAMPSTEAD
 HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAN
EROSION & SEDIMENTATION CONTROL DETAILS



NO.	REVISION	DATE

DRAWING SHEET
D-4.1
 PROJECT NUMBER
630-22

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SEE SHEET C-0.1 FOR LEGENDS & NOTES.

PLANT SCHEDULE

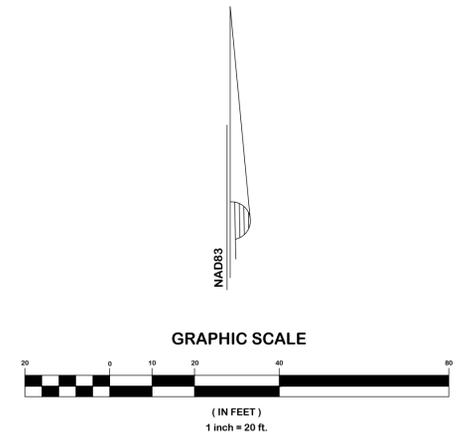
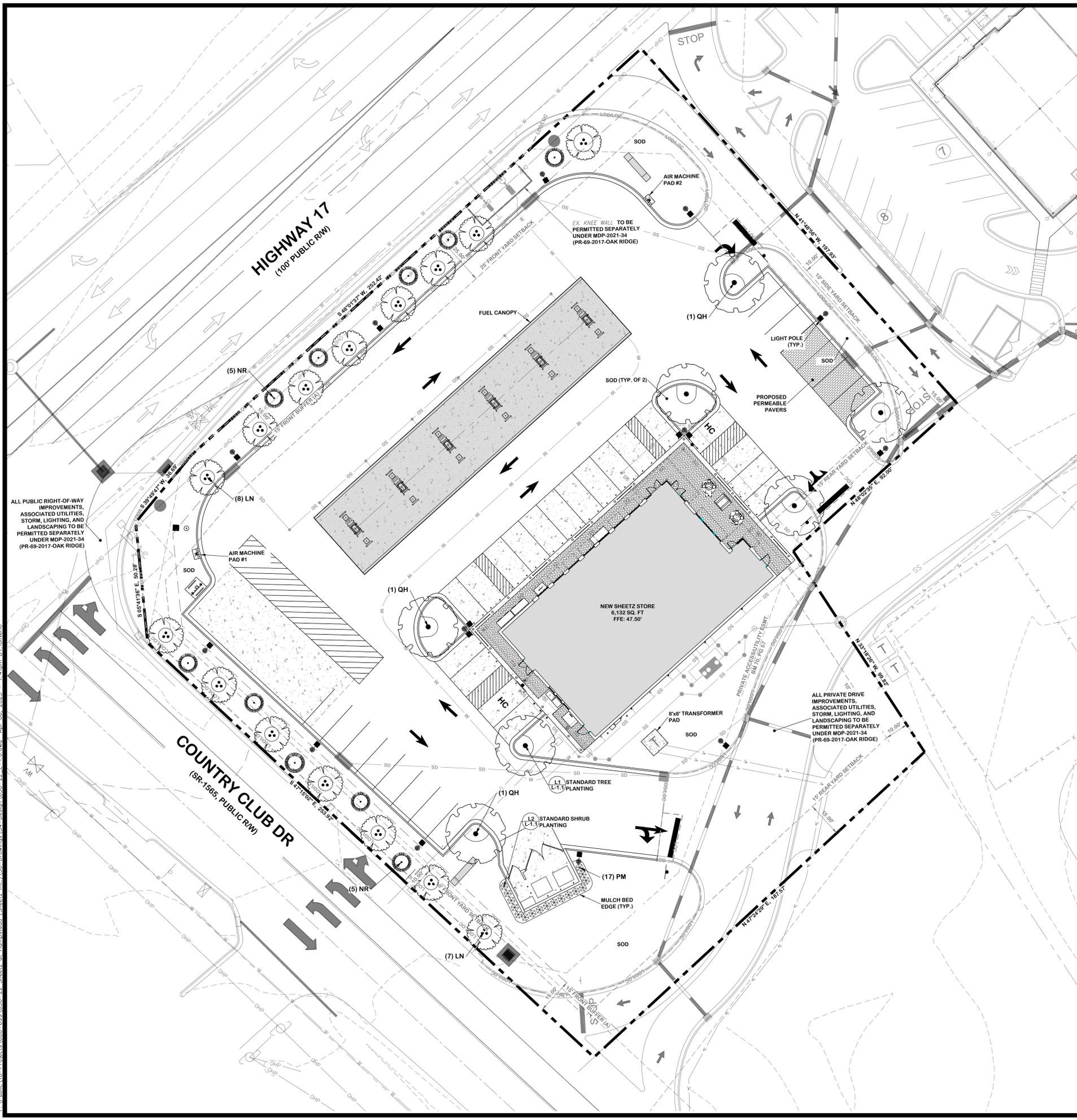
CANOPY TREES	CODE	QTY	BOTANICAL / COMMON NAME	CALIPER
	LN	15	Lagerstroemia indica x fauriei 'Natchez' Natchez Crape Myrtle	2" MIN.
	QH	7	Quercus virginiana 'QVTIA' Highrise Live Oak	2" MIN.
UNDERSTORY TREES	CODE	QTY	BOTANICAL / COMMON NAME	HEIGHT
	NR	10	Ilex x 'Nellie R. Stevens' Nellie R. Stevens Holly	4' MIN.
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	HEIGHT
	PM	17	Podocarpus macrophyllus 'Maki' Maki Shrubby Yew Podocarpus	36" MIN.

LANDSCAPE CALCULATIONS - PER UDO ARTICLE 8:

8.2 REQUIRED BUFFERS
BUFFER A-1: 15' WIDE STRIP WITH 3 CANOPY TREES, 2 UNDERSTORY TREES AND A GRASS COVER AT LEAST 98% COVERAGE (EXCEPT WITHIN 4 FEET OF THE BASE OF ANY TREE) PER 100 LINEAR FEET

HIGHWAY 17 BUFFER
 REQUIRED: (243 LF / 100) x 3 = 7.29 CANOPY TREES
 (243 LF / 100) x 2 = 4.86 UNDERSTORY TREES
 PROVIDED: 8 CANOPY TREES
 5 UNDERSTORY TREES
 98% SOD COVERAGE

COUNTRY CLUB DRIVE BUFFER
 REQUIRED: (208 LF / 100) x 3 = 6.24 CANOPY TREES
 (208 LF / 100) x 2 = 4.16 UNDERSTORY TREES
 PROVIDED: 7 CANOPY TREES
 5 UNDERSTORY TREES
 98% SOD COVERAGE



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 NOT FOR CONSTRUCTION**

PAST DESIGN GROUP, PA
 Engineering | Consulting
 107 Fayetteville Street, Suite 300, Raleigh, North Carolina 27601
 Phone: 919 848 4399 | Fax: 919 848 4395 | NC LICENSE NUMBER: C-3311

PREPARED FOR:
 SHEETZ, INC.
 5700 SOUTH AVENUE
 JALOCOMA, PA 18023
 DATE: 04.05.2023
 PROJECT ENGINEER:
 PJP
 PROJECT CADD DESIGNER:
 MWP
 PROJECT SURVEYOR:
 VJA

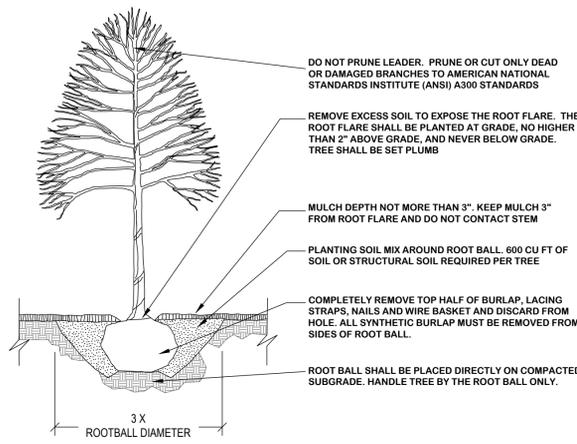
SHEETZ AT HAMPSTEAD
 HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
MAJOR SITE DEVELOPMENT PLANS
LANDSCAPE PLAN

SEAL:

NO.	REVISION	DATE

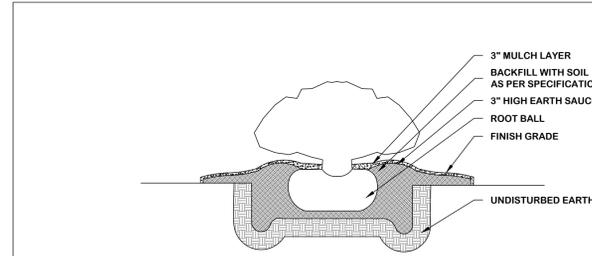
DRAWING SHEET
L-1.0
 PROJECT NUMBER
630-22

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- NOTES:
1. TREES MUST MEET THE TREE QUALITY STANDARDS IN CH. 2 OF THE CITY TREE MANUAL.
 2. CONTRACTOR IS RESPONSIBLE FOR ADEQUATE DRAINAGE OF ALL PLANTING PITS. (POSITIVE DRAINAGE AWAY FROM PIT)
 3. TREES SHALL BE PLANTED BETWEEN OCTOBER 1ST AND APRIL 30TH.
 4. A TREE IMPACT PERMIT IS REQUIRED.
 5. ELECTRICAL OUTLETS AND OTHER UTILITIES ARE PROHIBITED IN THE PLANTING AREA IMMEDIATELY SURROUNDING THE TREE.
 6. IF STAKING IN ACCORDANCE WITH THE CITY TREE MANUAL, THE STAKING MUST BE REMOVED WITHIN ONE YEAR.
 7. TREES WILL HAVE A MINIMUM 1 YEAR WARRANTY AFTER THE INITIAL PLANTING IS APPROVED BY RDU.

L1 STANDARD TREE PLANTING



- NOTES:
1. REMOVE THE BURLAP, BURLAP TIES AND WIRE BASKET FROM TOP 1/3 OF ROOTBALL. REMOVE ALL NYLON STRINGS, PLASTIC LINERS AND SYNTHETIC BURLAP - TYPE OF MATERIALS FROM THE ENTIRE ROOTBALL.
 2. SCARIFY ROOTBALL AND BOTTOM/SIDES OF PLANT PIT.
 3. EXCAVATE PLANTING PIT TWO TO THREE TIMES AS WIDE AS THE ROOTBALL. INSTALL ROOTBALL 1/4 TO 1/3 ABOVE EXISTING/PROPOSED GRADE. LOCATE ROOTBALL ON SOLID SOIL AND NOT LOOSE BACKFILL.
 4. ALL SAUCERS SHALL BE SOAKED WITH WATER AND MULCHED IMMEDIATELY FOLLOWING PLANTING.
 5. THE SIZE OF THE ROOTBALL SHALL CONFORM TO THE AAN STANDARDS.
 6. FERTILIZED ALL PLANTS WITH AGRIFORM FERTILIZER TABLETS OR EQUAL, TO BE APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATION.
 7. ALL ROOTBALLS AFTER REMOVING FROM CONTAINERS SHALL BE SCARIFIED PRIOR TO BACKFILLING THE PLANTING HOLE.
 8. THOROUGHLY SOAK THE SHRUB ROOT BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND AT LEAST ONCE A WEEK FOR THE FIRST TWO GROWING SEASONS.

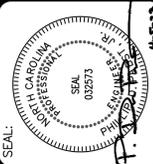
L2 STANDARD SHRUB PLANTING

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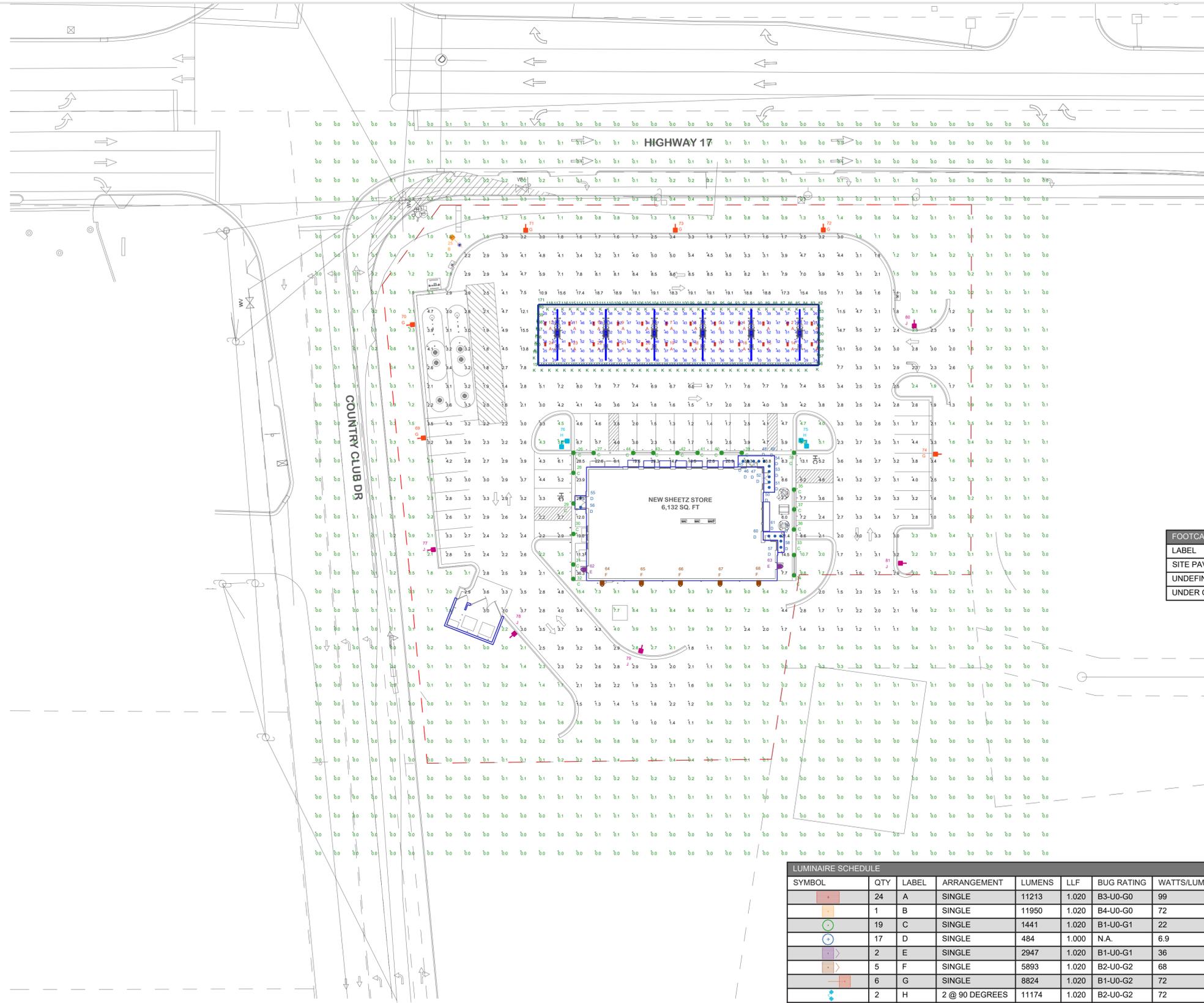
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PREPARED FOR:	SHEETZ, INC.
DATE:	04.05.2023
PROJECT ENGINEER:	PJP
PROJECT CADD DESIGNER:	MWP
PROJECT SURVEYOR:	N/A

SHEETZ AT HAMPSTEAD
 HAMPSTEAD, PENDER COUNTY, NORTH CAROLINA
**MAJOR SITE DEVELOPMENT PLANS
 LANDSCAPE DETAIL SHEET**



NO.	REVISION	DATE

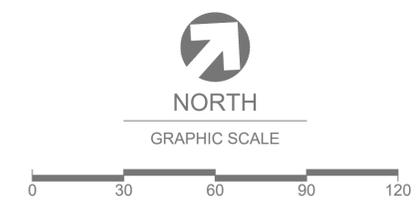


LUMINAIRE LOCATION SUMMARY			
LUM NO.	LABEL	MTG. HT.	TILT
1 - 12	A	18.79	5
13 - 24	A	17.83	5
25	B	1	166
26 - 44	C	3	0
45 - 61	D	11.33	0
62, 63	E	9.33	0
64 - 68	F	12	0
69 - 74	G	23	0
75, 76	H	23	0
77 - 81	J	23	0
82 - 118	K	20.875	0
119 - 155	K	18.06	0
156	K	18.25	5
157	K	18.599	5
158	K	18.948	5
159	K	19.297	5
160	K	19.646	5
161	K	19.995	5
162	K	20.344	5
163	K	20.693	5
164	K	18.25	5
165	K	18.599	5
166	K	18.948	5
167	K	19.297	5
168	K	19.646	5
169	K	19.995	5
170	K	20.344	5
171	K	20.693	5

NOTE:
- ALL AREA LIGHTS ON NEW 20 FT. POLE MOUNTED ON 3 FT. CONCRETE BASE

FOOTCANDLE LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES					
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
SITE PAVED AREA	4.82	38.3	1.0	4.82	38.30
UNDEFINED	0.51	15.4	0.0	N.A.	N.A.
UNDER CANOPY	39.57	53	22	1.80	2.41

THIS SITE IS LOCATED IN A REGION WHERE LIGHTING IS REGULATED BY LOCAL ORDINANCES



LUMINAIRE SCHEDULE										
SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LLF	BUG RATING	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER	CATALOG LOGIC
[Symbol]	24	A	SINGLE	11213	1.020	B3-U0-G0	99	2376	CREE, INC.	CAN-228-PS-RM-06-E-UL-XX-525-57K
[Symbol]	1	B	SINGLE	11950	1.020	B4-U0-G0	72	72	CREE, INC.	OSQ-ML-B-AA-XX w/PGM-1 + OSQM-B-11L-57K7-N3-UL-NM-XX
[Symbol]	19	C	SINGLE	1441	1.020	B1-U0-G1	22	418	CREE, INC.	PWY-EDG-3M-P3-02-E-UL-XX-350-57K
[Symbol]	17	D	SINGLE	484	1.000	N.A.	6.9	117.3	B-K LIGHTING, INC.	BKLT CH-LED-e69-FL-BZP-12 (BY OTHERS, SHOWN FOR CONTRIBUTION)
[Symbol]	2	E	SINGLE	2947	1.020	B1-U0-G1	36	72	CREE, INC.	SEC-EDG-3M-WM-02-E-UL-XX-525
[Symbol]	5	F	SINGLE	5893	1.020	B2-U0-G2	68	340	CREE, INC.	SEC-EDG-3M-WM-04-E-UL-XX-525
[Symbol]	6	G	SINGLE	8824	1.020	B1-U0-G2	72	432	CREE, INC.	OSQ-ML-B-DA-XX + OSQM-B-11L-57K7-3M-UL-NM-XX + OSQ-BLSMF
[Symbol]	2	H	2 @ 90 DEGREES	11174	1.020	B2-U0-G2	72	288	CREE, INC.	OSQ-ML-B-DA-XX + OSQM-B-11L-57K7-4M-UL-NM-XX
[Symbol]	5	J	SINGLE	8574	1.020	B1-U0-G2	72	432	CREE, INC.	OSQ-ML-B-DA-XX + OSQM-B-11L-57K7-4M-UL-NM-XX-w_OSQ-BLSMF
[Symbol]	90	K	SINGLE	136	1.000	N.A.	4.12	370.8	BLAIR COMPANIES	4 FT. LINEAR STRIP LIGHT (BY OTHERS, SHOWN FOR CONTRIBUTION)

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SCALE:
1" = 30'
LAYOUT BY:
DAR
DWG SIZE:
D
DATE:
1/4/23

PROJECT NAME:
SHEETZ
HAMPSTEAD, NC
DRAWING NUMBER:
RL-8530-S1-R1



REDLEONARD ASSOCIATES
1340 Kemper Meadow Dr, Forest Park, OH 45424
513-574-9500 | redleonard.com

REV.	BY	DATE	DESCRIPTION
R1	DAR	1/25/23	DELETED AREA LIGHT 81/J, RENUMBERED LUMINAIRES.

QTY	LABEL	DESCRIPTION
24	A	CAN-228-PS-RM-06-E-UL-XX-525-57K



228 Series™ LED Recessed Canopy Luminaire

Product Description
Slim, low profile, easy mounting from below or above the deck. Luminaires are rugged cast aluminum with high performance enclosed aluminum heat sinks specifically designed for LED. Luminaires are available in 12" and 18" diameters. Luminaires are available in 12" and 18" diameters. Luminaires are available in 12" and 18" diameters.

Performance Summary
Patented NanoQig™ Product Technology
Assembled in the U.S.A. of U.S. and imported parts
CCT: 4000K (L-), 5000K, 5700K (L-), 5000K standard
Limited Warranty: 10 years on luminaires/10 years on Colorfast DeluxGuard™ finish

Accessories
Flush Mount
Surface Mount
Hanging Mount



LED Count (x10)	System	120V	208V	240V	277V	347V	480V
3030mA	94	0.63	0.48	0.42	0.38	0.29	0.22
5250mA	94	0.83	0.48	0.42	0.38	0.29	0.22
7000mA	94	1.32	0.76	0.68	0.61	0.45	0.34

US lighting.com | 1 800 234-4800 | 1 800 234-4800
Canada: www.cree.com/canada | 1 800 473-1234 | 1 800 473-1234

QTY	LABEL	DESCRIPTION
1	B	OSQ-ML-B-AA-XX-W/PGM-1 + OSQM-B-11L-57K7-N3-UL-NM-XX
6	G	OSQ-ML-B-DA-XX + OSQM-B-11L-57K7-3M-UL-NM-XX + OSQ-BLSMF
2	H	OSQ-ML-B-DA-XX + OSQM-B-11L-57K7-4M-UL-NM-XX
5	J	OSQ-ML-B-DA-XX + OSQM-B-11L-57K7-4M-UL-NM-XX-W_OSQ-BLSMF

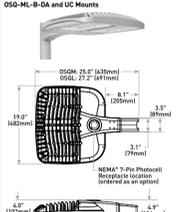


OSQ Series OSQ™ LED Area/Flood Luminaire featuring Cree TrueWhite™ Technology - Medium & Large

Product Description
The OSQ™ Area/Flood luminaire blends advanced optical control, advanced thermal management and modern, clean aesthetics. Built to last, the housing is rugged cast aluminum with an integral, weatherlight LED driver compartment. Versatile mounting configurations offer simple installation.

Performance Summary
Patented NanoQig™ Product Technology
Assembled in the U.S.A. of U.S. and imported parts
CCT: 4000K, 4000K, 5000K, 5700K
Efficacy: Up to 173 LPW
CBI: Minimum 70 CRH (5000K, 4000K & 5700K); 90 CRH (5000K)
Limited Warranty: 10 years on luminaires/10 years on Colorfast DeluxGuard™ finish, up to 5 years for Sphigra™ accessories; 1 year on luminaire accessories

Ordering Information
Luminaire Mount must be ordered separately



Family	Size	Series	LED Count (x10)	System	120V	208V	240V	277V	347V	480V
OSQ	1	B	1	3030mA	0.63	0.48	0.42	0.38	0.29	0.22
OSQ	6	G	6	5250mA	0.83	0.48	0.42	0.38	0.29	0.22
OSQ	2	H	2	7000mA	1.32	0.76	0.68	0.61	0.45	0.34

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Canada: www.cree.com/canada | 1 800 473-1234 | 1 800 473-1234

QTY	LABEL	DESCRIPTION
19	C	PMW-EDG-3M-P3-02-E-UL-XX-350-57K



THE EDGE® Series LED Pathway Luminaire

Product Description
Durable die-cast aluminum luminaire housing mounts directly to a 1/2" (12mm) diameter pipe (included) without requiring mounting hardware for clean appearance. Easy installation. The luminaire is rugged cast aluminum with an integral, weatherlight LED driver compartment.

Performance Summary
Patented NanoQig™ Product Technology
Assembled in the U.S.A. of U.S. and imported parts
CCT: 4000K (L-), 5000K, 5700K (L-), 5000K standard
Limited Warranty: 10 years on luminaires/10 years on Colorfast DeluxGuard™ finish

Ordering Information
Luminaire Mount must be ordered separately



LED Count (x10)	System	120V	208V	240V	277V	347V	480V
3030mA	19	0.63	0.48	0.42	0.38	0.29	0.22
5250mA	19	0.83	0.48	0.42	0.38	0.29	0.22
7000mA	19	1.32	0.76	0.68	0.61	0.45	0.34

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Canada: www.cree.com/canada | 1 800 473-1234 | 1 800 473-1234

QTY	LABEL	DESCRIPTION
2	E	SEC-EDG-3M-WM-02-E-UL-XX-525
5	F	SEC-EDG-3M-WM-04-E-UL-XX-525



Cree Edge® Series LED Security Wall Pack Luminaire

Product Description
The Cree Edge® wall mount luminaire has a slim, low profile design. The luminaire and caps are made from rugged die-cast aluminum with integral, weatherlight LED driver compartments and high performance aluminum heat sinks specifically designed for LED applications. Housing is rugged cast aluminum. Includes a weatherlight mounting base for installation over standard and most ring angle gang.

Performance Summary
Patented NanoQig™ Product Technology
Assembled in the U.S.A. of U.S. and imported parts
CCT: 4000K (L-), 5000K, 5700K (L-), 5000K standard
Limited Warranty: 10 years on luminaires/10 years on Colorfast DeluxGuard™ finish

Ordering Information
Luminaire Mount must be ordered separately



LED Count (x10)	Dim. 'X'	Weight*
02	4" x 12" (102mm)	25.0 lb (11.3 kg)
04	4" x 18" (102mm)	25.0 lb (11.3 kg)
06	4" x 24" (102mm)	25.0 lb (11.3 kg)
08	4" x 30" (102mm)	25.0 lb (11.3 kg)
10	4" x 36" (102mm)	25.0 lb (11.3 kg)
12	4" x 42" (102mm)	25.0 lb (11.3 kg)

US lighting.com | 1 800 234-4800 | 1 800 234-4800
Canada: www.cree.com/canada | 1 800 473-1234 | 1 800 473-1234

228 Series™ LED Recessed Canopy Luminaire

Product Specifications
Slim, low profile, easy mounting from below or above the deck. Luminaires are rugged cast aluminum with high performance enclosed aluminum heat sinks specifically designed for LED. Luminaires are available in 12" and 18" diameters. Luminaires are available in 12" and 18" diameters.

CONSTRUCTION & MATERIALS
Slim, low profile, easy mounting from below or above the deck. Luminaires are rugged cast aluminum with high performance enclosed aluminum heat sinks specifically designed for LED. Luminaires are available in 12" and 18" diameters. Luminaires are available in 12" and 18" diameters.

LED Count (x10)	System	120V	208V	240V	277V	347V	480V
3030mA	94	0.63	0.48	0.42	0.38	0.29	0.22
5250mA	94	0.83	0.48	0.42	0.38	0.29	0.22
7000mA	94	1.32	0.76	0.68	0.61	0.45	0.34

ELECTRICAL SYSTEM
Input Voltage: 120-277V or 347-480V, 50/60Hz, Class I drivers
Power Factor: 0.97 full load
Total Harmonic Distortion: < 20% at full load
Maximum Inrush Current: 30-40 ILED, 0.15mA, 0.10A, 0.3mA

228 Series™ Ambient Adjusted Lumen Maintenance*	Ambient	Initial LMF	10K hr	20K hr	30K hr	40K hr	50K hr
3030mA	1.04	1.01	0.99	0.96	0.94	0.91	0.89
5250mA	1.02	0.99	0.97	0.94	0.91	0.89	0.87
7000mA	1.00	0.98	0.96	0.93	0.91	0.89	0.87

REGULATORY & VOLUNTARY QUALIFICATIONS
UL Listed
Suitable for wet locations
Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
100V surge suppression protection tested in accordance with IEEEANSI C82.41.2
150V surge suppression protection tested in accordance with IEEEANSI C82.41.2
200V surge suppression protection tested in accordance with IEEEANSI C82.41.2
300V surge suppression protection tested in accordance with IEEEANSI C82.41.2
400V surge suppression protection tested in accordance with IEEEANSI C82.41.2
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700V surge suppression protection tested in accordance with IEEEANSI C82.41.2
800V surge suppression protection tested in accordance with IEEEANSI C82.41.2
900V surge suppression protection tested in accordance with IEEEANSI C82.41.2
1000V surge suppression protection tested in accordance with IEEEANSI C82.41.2

US lighting.com | 1 800 234-4800 | 1 800 234-4800
Canada: www.cree.com/canada | 1 800 473-1234 | 1 800 473-1234

OSQ™ LED Area/Flood Luminaire featuring Cree TrueWhite™ Technology - Medium & Large

Product Specifications
The OSQ™ Area/Flood luminaire blends advanced optical control, advanced thermal management and modern, clean aesthetics. Built to last, the housing is rugged cast aluminum with an integral, weatherlight LED driver compartment. Versatile mounting configurations offer simple installation.

CONSTRUCTION & MATERIALS
Slim, low profile, easy mounting from below or above the deck. Luminaires are rugged cast aluminum with high performance enclosed aluminum heat sinks specifically designed for LED. Luminaires are available in 12" and 18" diameters. Luminaires are available in 12" and 18" diameters.

LED Count (x10)	System	120V	208V	240V	277V	347V	480V
3030mA	94	0.63	0.48	0.42	0.38	0.29	0.22
5250mA	94	0.83	0.48	0.42	0.38	0.29	0.22
7000mA	94	1.32	0.76	0.68	0.61	0.45	0.34

ELECTRICAL SYSTEM
Input Voltage: 120-277V or 347-480V, 50/60Hz, Class I drivers
Power Factor: 0.97 full load
Total Harmonic Distortion: < 20% at full load
Maximum Inrush Current: 30-40 ILED, 0.15mA, 0.10A, 0.3mA

OSQ Series™ Ambient Adjusted Lumen Maintenance*	Ambient	Initial LMF	10K hr	20K hr	30K hr	40K hr	50K hr
3030mA	1.04	1.01	0.99	0.96	0.94	0.91	0.89
5250mA	1.02	0.99	0.97	0.94	0.91	0.89	0.87
7000mA	1.00	0.98	0.96	0.93	0.91	0.89	0.87

REGULATORY & VOLUNTARY QUALIFICATIONS
UL Listed
Suitable for wet locations
Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
100V surge suppression protection tested in accordance with IEEEANSI C82.41.2
150V surge suppression protection tested in accordance with IEEEANSI C82.41.2
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800V surge suppression protection tested in accordance with IEEEANSI C82.41.2
900V surge suppression protection tested in accordance with IEEEANSI C82.41.2
1000V surge suppression protection tested in accordance with IEEEANSI C82.41.2

US lighting.com | 1 800 234-4800 | 1 800 234-4800
Canada: www.cree.com/canada | 1 800 473-1234 | 1 800 473-1234

THE EDGE® LED Pathway Luminaire

Product Specifications
Durable die-cast aluminum luminaire housing mounts directly to a 1/2" (12mm) diameter pipe (included) without requiring mounting hardware for clean appearance. Easy installation. The luminaire is rugged cast aluminum with an integral, weatherlight LED driver compartment.

CONSTRUCTION & MATERIALS
Slim, low profile, easy mounting from below or above the deck. Luminaires are rugged cast aluminum with high performance enclosed aluminum heat sinks specifically designed for LED. Luminaires are available in 12" and 18" diameters. Luminaires are available in 12" and 18" diameters.

LED Count (x10)	System	120V	208V	240V	277V	347V	480V
3030mA	19	0.63	0.48	0.42	0.38	0.29	0.22
5250mA	19	0.83	0.48	0.42	0.38	0.29	0.22
7000mA	19	1.32	0.76	0.68	0.61	0.45	0.34

ELECTRICAL SYSTEM
Input Voltage: 120-277V or 347-480V, 50/60Hz, Class I drivers
Power Factor: 0.97 full load
Total Harmonic Distortion: < 20% at full load
Maximum Inrush Current: 30-40 ILED, 0.15mA, 0.10A, 0.3mA

THE EDGE Series™ Ambient Adjusted Lumen Maintenance*	Ambient	Initial LMF	10K hr	20K hr	30K hr	40K hr	50K hr
3030mA	1.04	1.01	0.99	0.96	0.94	0.91	0.89
5250mA	1.02	0.99	0.97	0.94	0.91	0.89	0.87
7000mA	1.00	0.98	0.96	0.93	0.91	0.89	0.87

REGULATORY & VOLUNTARY QUALIFICATIONS
UL Listed
Suitable for wet locations
Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
100V surge suppression protection tested in accordance with IEEEANSI C82.41.2
150V surge suppression protection tested in accordance with IEEEANSI C82.41.2
200V surge suppression protection tested in accordance with IEEEANSI C82.41.2
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800V surge suppression protection tested in accordance with IEEEANSI C82.41.2
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1000V surge suppression protection tested in accordance with IEEEANSI C82.41.2

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Cree Edge™ LED Security Wall Pack Luminaire

Product Specifications
The Cree Edge® wall mount luminaire has a slim, low profile design. The luminaire and caps are made from rugged die-cast aluminum with integral, weatherlight LED driver compartments and high performance aluminum heat sinks specifically designed for LED applications. Housing is rugged cast aluminum. Includes a weatherlight mounting base for installation over standard and most ring angle gang.

CONSTRUCTION & MATERIALS
Slim, low profile, easy mounting from below or above the deck. Luminaires are rugged cast aluminum with high performance enclosed aluminum heat sinks specifically designed for LED. Luminaires are available in 12" and 18" diameters. Luminaires are available in 12" and 18" diameters.

LED Count (x10)	System	120V	208V	240V	277V	347V	480V
3030mA	02	0.25	0.21	0.13	0.11	0.10	0.08
5250mA	04	0.48	0.38	0.21	0.20	0.15	0.12
7000mA	06	0.76	0.68	0.42	0.38	0.29	0.22

ELECTRICAL SYSTEM
Input Voltage: 120-277V or 347-480V, 50/60Hz, Class I drivers
Power Factor: 0.97 full load
Total Harmonic Distortion: < 20% at full load
Maximum Inrush Current: 30-40 ILED, 0.15mA, 0.10A, 0.3mA

Cree Edge Series™ Ambient Adjusted Lumen Maintenance*	Ambient	Initial LMF	10K hr	20K hr	30K hr	40K hr	50K hr
3030mA	1.04	1.01	0.99	0.96	0.94	0.91	0.89
5250mA	1.02	0.99	0.97	0.94	0.91	0.89	0.87
7000mA	1.00	0.98	0.96	0.93	0.91	0.89	0.87

REGULATORY & VOLUNTARY QUALIFICATIONS
UL Listed
Suitable for wet locations
Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
100V surge suppression protection tested in accordance with IEEEANSI C82.41.2
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513-674-9500 | redleonard.com

CREE LIGHTING
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CREE LIGHTING
US: www.cree.com | 1 800 234-4800
Canada: www.cree.com/canada | 1 800 473-1234

PROJECT NAME:
SHEETZ
HAMPSTEAD, NC
DRAWING NUMBER:
RL-8530-S1-R1

SHEETZ
FRESH FOOD
MADE TO ORDER

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