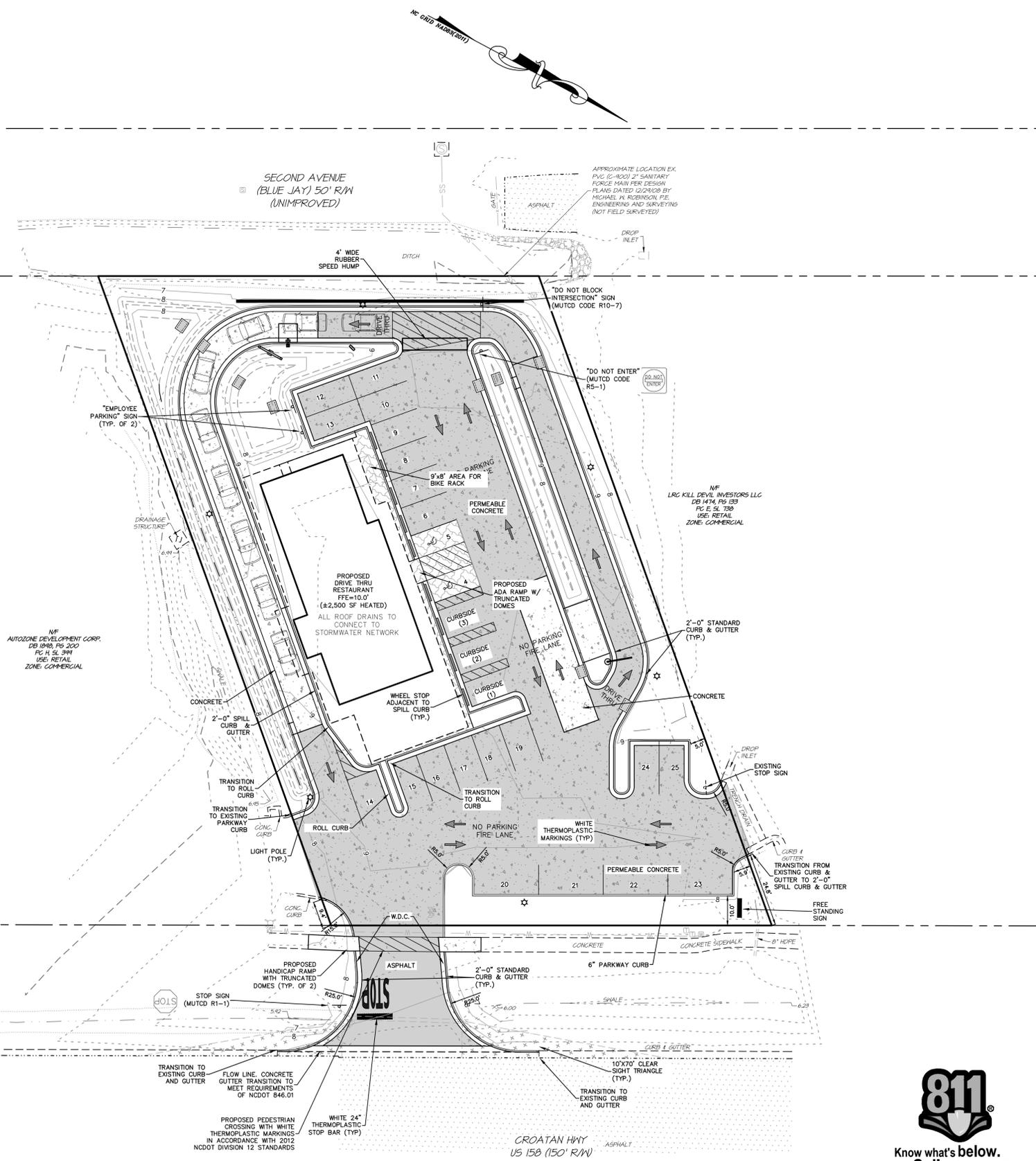


NOTES

- CURRENT OWNER: ROY E. PARKER & LEVEN D. PARKER
PO BOX 49
HILL DEVIL HILLS 27948
- APPLICANT: WPF INVESTMENT COMPANY
102 W. AIRSTRIP RD.
KITTY HAWK, NC 27948
- ENGINEER: QUILBE & ASSOCIATES, P.C.
P.O. DRAWER 870
KITTY HAWK, NC 27949
CONTACT: CATHLEEN M. SAUNDERS, PE
PHONE: (252) 491-8147
EMAIL: CATHLEEN@quibble.com
- PH: 988312961635 / PID: 004331000
- PROPERTY ADDRESS: 1208 S. CROATAN HWY
- PROPERTY ZONED: COMMERCIAL
- PROPOSED COVERAGE:
ASPHALT CONCRETE PARKING AREA = 5,316 S.F.
PERMEABLE CONCRETE PARKING AREA(GRASS REDUCTION) = 13,176-13,176(0.60) = 7,906 S.F.
BUILDING/OUTDOOR PATIO = 4,382 S.F.
TOTAL = 17,603 S.F. (53.3%)
MAXIMUM ALLOWABLE LOT COVERAGE = 21,432 S.F. (65%)
- LOT AREA = 33,021 SF / 0.76 ACRES (AREAS BY COORDINATE METHOD)
- SUBJECT REFERENCES: DB 401, PG 133;
- ADDITIONAL REFERENCES: PC 2, SL 18.
- HORIZONTAL DATUM IS NAD83(2011), VERTICAL DATUM IS NAVD 1988.
- PROPERTY IS LOCATED IN NFIP FLOOD ZONE "X" AND SUBJECT TO CHANGES, BASED ON COMMUNITY CID NO. 357348; PANEL 9883, SUFFIX K. (MAP NUMBER 3720988300K) EFFECTIVE DATE: 06/19/2020.
- THIS PLAN SUBJECT TO ANY FACTS, INCLUDING BUILDING SETBACK RESTRICTIONS, EASEMENTS, COVENANTS, ETC., THAT MAY BE REVEALED BY A FULL AND ACCURATE TITLE SEARCH.
- PROJECT SCOPE: PERMITTING AND CONSTRUCTION OF A \$2,500 SQ.FT. DRIVE-THRU RESTAURANT WITH ASSOCIATED OUTDOOR SEATING (WITHOUT SERVICE), PARKING AND UTILITIES.
REQUIRED: (1) SPACE/100 SF AT 2,500 SF = 25 PARKING SPACES REQUIRED PROVIDED: 25 SPACES (2 ADA SPACES PROVIDED)
STACKING LANE
REQUIRED: 5 SPACES PER WINDOW PROVIDED: 9 SPACES PER WINDOW
- ALL UTILITIES SERVING THIS SITE WILL BE PLACED UNDERGROUND.
- ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- BUILDING CONSTRUCTION SHALL COMPLY WITH ALL ASPECTS OF THE NORTH CAROLINA BUILDING AND FIRE CODE.
- EXISTING VEGETATION TO BE PRESERVED WHERE POSSIBLE.
- THE LOCATION, DIMENSIONS, AND ELEVATION OF EXISTING UTILITIES SHOWN ARE BASED ON THE BEST AVAILABLE DATA AND ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL DATA IN THE FIELD PRIOR TO CONSTRUCTION TO HIS/HER OWN SATISFACTION. THE CONTRACTOR SHALL PERFORM ANY TEST PIT WORK OR PROVIDE LOCATION SERVICES AS REQUIRED TO AVOID CONFLICTS WITH EXISTING UTILITIES. CONTACT NORTH CAROLINA ONE-CALL AT TELEPHONE NO. 1-800-632-4649, 48 HOURS PRIOR TO PERFORMING ANY EXCAVATION TO HAVE UTILITIES MARKED.
- ALL LIGHTING SHALL BE CONTAINED ON SITE PER TOWN CODE 153.074 (E)(3).

LEGEND

- EXISTING ASPHALT PAVEMENT
- EX. TELEPHONE PEDESTAL
- EX. CABLE TV BOX
- EX. UTILITY POLE
- EX. DRAINAGE PIPE
- EX. UG GAS LINE
- EX. WATER LINE
- EX. SANITARY SEWER LINE
- PROPOSED ASPHALT PAVEMENT
- PROPOSED PERMEABLE CONCRETE
- PROPOSED CONCRETE PAVEMENT
- PROPOSED PERMEABLE PAVERS
- PROPOSED DROP INLET
- PROPOSED STORM PIPE
- PROPOSED FIRE HYDRANT
- PROPOSED BENDS & TEES
- PROPOSED GATE VALVE
- PROPOSED WATERLINE
- PROPOSED SANITARY SEWER
- PROPOSED CLEAN OUT
- PROPOSED SEWER MANHOLE



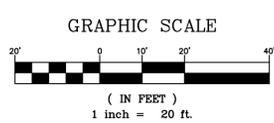
SHEET INDEX

- SITE PLAN
- EXISTING CONDITIONS & DEMOLITION PLAN
- UTILITY PLAN
- GRADING PLAN
- SESC PLAN
- SITE & LANDSCAPING PLAN
- SITE & UTILITY DETAILS
- WASTEWATER DETAILS
- SESC DETAILS

FINAL DRAWINGS FOR PERMITTING ONLY



NOTE:
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NC License# C-0208
SMCE #559
Quible & Associates, P.C.
ENGINEERING, ARCHITECTURE & SURVEYING
ENVIRONMENTAL SCIENCE & SURVEYING
8446 CAROLINE HWY. SUITE B
90 CHURCH STREET, SUITE B
KITT HAWK, NC 27949
Phone: (252) 491-8147
Fax: (252) 491-8148
www.quible.com



REVISIONS:
NO. DATE DESCRIPTION
1 07/06/2021 PER TOWN COMMENTS
2 07/27/2021 PER TOWN COMMENTS

NO.	DATE	DESCRIPTION
1	07/06/2021	PER TOWN COMMENTS
2	07/27/2021	PER TOWN COMMENTS

SITE PLAN
DRIVE-THRU RESTAURANT
1208 S. CROATAN HWY
DARE COUNTY NORTH CAROLINA
KILL DEVIL HILLS

PROJECT NO.	P07116
DESIGNED BY	CMS
DRAWN BY	CMS
CHECKED BY	MWS
ISSUE DATE	06/28/21

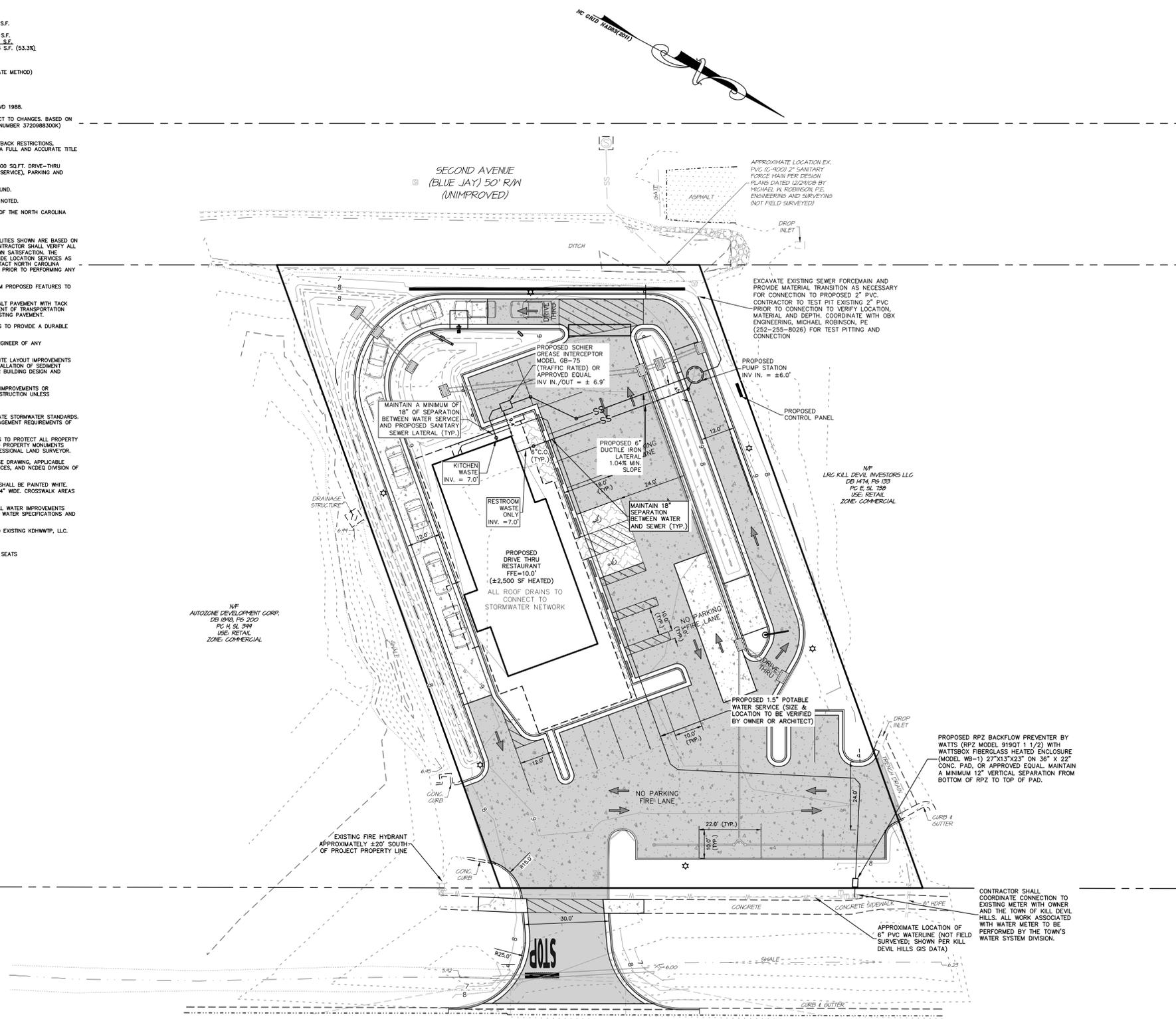
SHEET NO. **1**
OF 9 SHEETS

NOTES

- CURRENT OWNER: ROY E. PARKER & LEVEN D. PARKER
PO BOX 49
KILL DEVIL HILLS 27948
- APPLICANT: WPF INVESTMENT COMPANY
102 W. AIRSTRIP RD.
KITTY HAWK, NC 27948
- ENGINEER: CUBLE & ASSOCIATES, P.C.
P.O. DRAWER 870
KITTY HAWK, NC 27949
CONTACT: CATHEEN M. SAUNDERS, PE
PHONE: (252) 491-8147
EMAIL: CATH@csa-cable.com
- PH: 988312961635 / PDI: 004331000
- PROPERTY ADDRESS: 1208 S. CROATAN HWY
- PROPERTY ZONED: COMMERCIAL
- PROPOSED COVERAGE:
ASPHALT CONCRETE PARKING AREA = 5,316 S.F.
PERMEABLE CONCRETE PARKING AREA (60% REDUCTION) = 13,176-13,176*(0.60) = 7,906 S.F.
BUILDING/OUTDOOR PATIO = 4,382 S.F.
TOTAL = 17,603 S.F. (53.3%)
- MAXIMUM ALLOWABLE LOT COVERAGE = 21,463 S.F. (65%)
- LOT AREA = 33,021 SF / 0.76 ACRES (AREAS BY COORDINATE METHOD)
- SUBJECT REFERENCES: DB 401, PG 133;
- ADDITIONAL REFERENCES: PC 2, SL 18.
- HORIZONTAL DATUM IS NAD83(2011), VERTICAL DATUM IS NAVD 1988.
- PROPERTY IS LOCATED IN NFIP FLOOD ZONE "X" AND SUBJECT TO CHANGES, BASED ON COMMUNITY CD NO. 357348; PANEL 9883, SUFFIX K. (MAP NUMBER 3720988300K) EFFECTIVE DATE: 06/19/2020.
- THIS PLAN SUBJECT TO ANY FACTS, INCLUDING BUILDING SETBACK RESTRICTIONS, EASEMENTS, COVENANTS, ETC., THAT MAY BE REVEALED BY A FULL AND ACCURATE TITLE SEARCH.
- PROJECT SCOPE: PERMITTING AND CONSTRUCTION OF A 22,500 SQ.FT. DRIVE-THRU RESTAURANT WITH ASSOCIATED OUTDOOR SEATING (WITHOUT SERVICE), PARKING AND UTILITIES.
- ALL UTILITIES SERVING THIS SITE WILL BE PLACED UNDERGROUND.
- ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- BUILDING CONSTRUCTION SHALL COMPLY WITH ALL ASPECTS OF THE NORTH CAROLINA BUILDING AND FIRE CODE.
- EXISTING VEGETATION TO BE PRESERVED WHERE POSSIBLE.
- THE LOCATION, DIMENSIONS, AND ELEVATION OF EXISTING UTILITIES SHOWN ARE BASED ON THE BEST AVAILABLE DATA AND ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL DATA IN THE FIELD PRIOR TO CONSTRUCTION TO HIS/HER OWN SATISFACTION. THE CONTRACTOR SHALL PERFORM ANY TEST PIT WORK OR PROVIDE LOCATION SERVICES AS REQUIRED TO AVOID CONFLICTS WITH EXISTING UTILITIES. CONTACT NORTH CAROLINA ONE-CALL AT TELEPHONE NO. 1-800-432-4949, 48 HOURS PRIOR TO PERFORMING ANY EXCAVATION TO HAVE UTILITIES MARKED.
- THE CONTRACTOR SHALL PROVIDE SMOOTH TRANSITIONS FROM PROPOSED FEATURES TO EXISTING FEATURES AS NECESSARY.
- THE CONTRACTOR SHALL SEAL THE EDGE OF EXISTING ASPHALT PAVEMENT WITH TACK COAT IN ACCORDANCE WITH THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS WHERE NEW PAVEMENT JOINS EXISTING PAVEMENT.
- ALL PAVEMENT JOINTS SHALL BE SAW-CUT PRIOR TO PAVING TO PROVIDE A DURABLE AND UNIFORM JOINT.
- PROOF ROLL ALL NEW PAVED AREAS. NOTIFY OWNER AND ENGINEER OF ANY UNACCEPTABLE AREAS.
- THIS PLAN SET TO BE UTILIZED FOR THE INSTALLATION OF SITE LAYOUT IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, GRADING & DRAINAGE, INSTALLATION OF SEDIMENT CONTROL MEASURES, WASTEWATER, AND WATER SYSTEM, FOR BUILDING DESIGN AND ASSOCIATED PLUMBING, SEE APPROPRIATE SEPARATE PLANS.
- REMOVE TREES, GRASSES, SHRUBS, AND OTHER VEGETATION IMPROVEMENTS OR OBSTRUCTIONS INTERFERING WITH INSTALLATION OF NEW CONSTRUCTION UNLESS OTHERWISE NOTED.
- STORMWATER MANAGEMENT:
SITE IS CONSIDERED A REDEVELOPMENT EXCLUSION PER STATE STORMWATER STANDARDS. HOWEVER, THE SITE IS SUBJECT TO THE STORMWATER MANAGEMENT REQUIREMENTS OF THE TOWN OF KILL DEVIL HILLS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT ALL PROPERTY MONUMENTS DURING CONSTRUCTION. DISTURBED OR REMOVED PROPERTY MONUMENTS SHALL BE REPLACED BY A NORTH CAROLINA LICENSED PROFESSIONAL LAND SURVEYOR.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE DRAWINGS, APPLICABLE DARE COUNTY CODES, KILL DEVIL HILLS CODES AND ORDINANCES, AND NCEOE DIVISION OF ENERGY, MINERAL, AND LAND RESOURCES REGULATIONS.
- ALL PAVEMENT MARKINGS, TEXT, AND DIRECTIONAL ARROWS SHALL BE PAINTED WHITE. ALL LETTERING SHALL BE 2 FT. IN HEIGHT. LINES SHALL BE 4" WIDE. CROSSWALK AREAS SHALL MEET NCDOT DIVISION 12 STANDARDS.
- WATER IS PROVIDED VIA KILL DEVIL HILLS WATER SYSTEM. ALL WATER IMPROVEMENTS SHALL BE IN ACCORDANCE WITH KILL DEVIL HILLS STANDARD WATER SPECIFICATIONS AND DETAILS.
- SEWAGE TO BE COLLECTED VIA GRAVITY AND CONVEYED INTO EXISTING KDHWWIP, LLC. CENTRAL SEWAGE INFRASTRUCTURE.
- PROPOSED WASTEWATER FLOW:
23 EMPLOYEES @ 8 EMPLOYEES & 20 GPD/SEAT @ 60 SEATS
TOTAL = 1,400 GALLONS PER DAY

LEGEND

- EXISTING ASPHALT PAVEMENT
- EX. TELEPHONE PEDESTAL
- EX. CABLE TV BOX
- EX. UTILITY POLE
- EX. DRAINAGE PIPE
- EX. UG GAS LINE
- EX. WATER LINE
- EX. SANITARY SEWER LINE
- PROPOSED ASPHALT PAVEMENT
- PROPOSED PERMEABLE CONCRETE
- PROPOSED CONCRETE PAVEMENT
- PROPOSED PERMEABLE PAVERS
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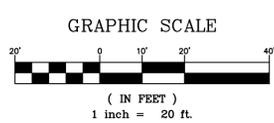


FINAL DRAWINGS FOR PERMITTING ONLY



Know what's below. Call before you dig.

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SMCE 1959
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ENGINEERING & SURVEYING
ENVIRONMENTAL SCIENCES SURVEYING**
8446 CAROLINE HWY.
90 CHURCH STREET, SUITE B
KILL DEVIL HILLS, NC 27948
Phone: (252) 491-8147
Fax: (252) 491-8148
www.quible.com



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NO.	DATE	REVISIONS	FEET TOWN COMMENTS
1	07/06/2021		FEET TOWN COMMENTS
2	07/27/2021		FEET TOWN COMMENTS

UTILITY PLAN
DRIVE-THRU RESTAURANT
1208 S. CROATAN HWY
KILL DEVIL HILLS DARE COUNTY NORTH CAROLINA

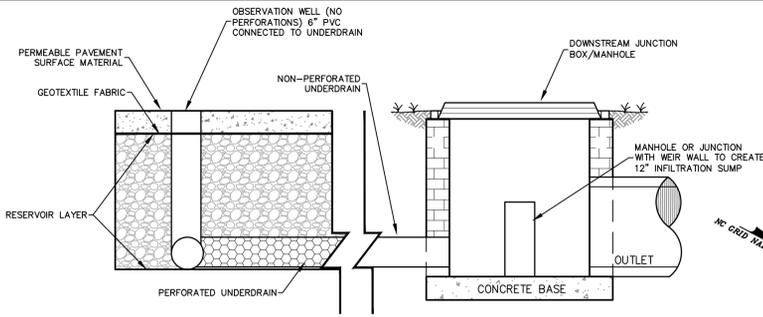
PROJECT NO.	P07116
DESIGNED BY	CMS
DRAWN BY	CMS
CHECKED BY	MWS
ISSUE DATE	06/28/21

SHEET NO.
3
OF 9 SHEETS

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NOTES

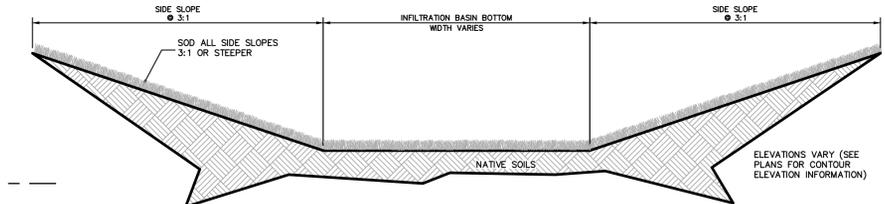
- CURRENT OWNER: ROY E. PARKER & LEVERIS D. PARKER
PO BOX 49
KILL DEVIL HILLS 27948
- APPLICANT: MPF INVESTMENT COMPANY
102 W. AIRSTRIP RD.
KITTY HAWK, NC 27948
- ENGINEER: QUILBE & ASSOCIATES, P.C.
P.O. DRAWER 870
KITTY HAWK, NC 27948
CONTACT: CATHEEN M. SAUNDERS, PE
PHONE: (252) 491-8147
EMAIL: CSAUNDERS@quible.com
- PIN: 98831296135/ PDI: 00431000
- PROPERTY ADDRESS: 1208 S. CROATAN HWY
- PROPERTY ZONED: COMMERCIAL
- MAXIMUM ALLOWABLE LOT COVERAGE = 65%
- LOT AREA = 33,021 SF / 0.76 ACRES (AREAS BY COORDINATE METHOD)
- SUBJECT REFERENCES: DB 401, PG 133;
- ADDITIONAL REFERENCES: PC 2, SL 18.
- HORIZONTAL DATUM IS NAD83(2011), VERTICAL DATUM IS NAVD 1988.
- PROPERTY IS LOCATED IN NFIP FLOOD ZONE "X" AND SUBJECT TO CHANGES BASED ON COMMUNITY CD NO. 357348; PANEL 9883; SUFFIX K. (MAP NUMBER 3720988300K) EFFECTIVE DATE: 09/19/2020.
- THIS PLAN SUBJECT TO ANY FACTS, INCLUDING BUILDING SETBACK RESTRICTIONS, EASEMENTS, COVENANTS, ETC., THAT MAY BE REVEALED BY A FULL AND ACCURATE TITLE SEARCH.
- PROPOSED COVERAGE:
ASPHALT/CONCRETE PARKING AREA = 5,316 S.F.
PERMEABLE CONCRETE PARKING AREA (60% REDUCTION) = 13,176-13,176(0.60) = 7,906 S.F.
BUILDING/OUTDOOR PATIO = 4,382 S.F.
TOTAL = 17,603 S.F. (53.3%)
MAXIMUM ALLOWABLE LOT COVERAGE = 21,463 S.F. (65%)
- CONTRACTOR SHALL PROVIDE SMOOTH TRANSITION BETWEEN SPOT ELEVATION GRADES AND MAINTAIN POSITIVE DRAINAGE.
- AREAS OF FILL SHALL BE EXCAVATED TO COMPACTED SUBGRADE AND BACKFILLED IN 6" LIFTS.
- ALL PIPES TO BE CLASS IV REINFORCED CONCRETE, UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES (RCP) TO HAVE END TREATMENTS, EITHER FLARED END SECTIONS (FES) OR END WALLS. END WALLS TO BE CONSTRUCTED AS PER NCDOT STANDARD 836.01.



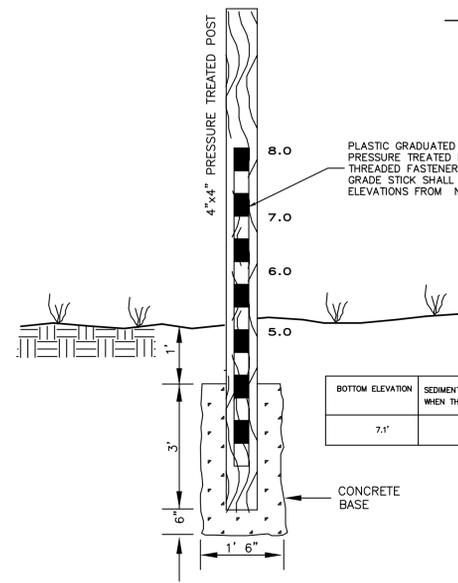
PERMEABLE PAVEMENT OVERFLOW DETAIL
N.T.S.

LEGEND

- EXISTING ASPHALT PAVEMENT
- EX. TELEPHONE PEDESTAL
- EX. CABLE TV BOX
- EX. UTILITY POLE
- EX. DRAINAGE PIPE
- EX. UG GAS LINE
- EX. WATER LINE
- EX. SANITARY SEWER LINE
- EXISTING CONTOUR
- PROPOSED ASPHALT PAVEMENT
- PROPOSED PERMEABLE CONCRETE
- PROPOSED CONCRETE PAVEMENT
- PROPOSED PERMEABLE PAVERS
- PROPOSED DROP INLET
- PROPOSED STORM PIPE
- PROPOSED DRAINAGE FLOW
- 9.0 PROPOSED CONTOUR
- 9.0 PROPOSED SPOT GRADE (TOP OF ASPHALT/EOP) (UNLESS OTHERWISE NOTED)



TYPICAL INFILTRATION BASIN CROSS-SECTION DETAIL
N.T.S.



BOTTOM ELEVATION	SEDIMENT SHALL BE REMOVED WHEN THE DEPTH REACHES:	TOP ELEVATION
7.1'	7.6'	8.5'

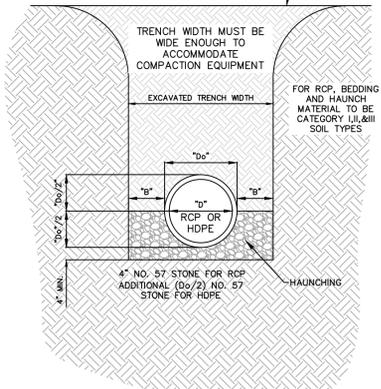
DEPTH BENCHMARK
N.T.S.

NOTES:

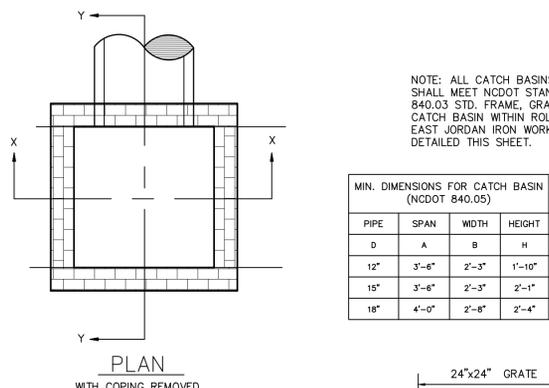
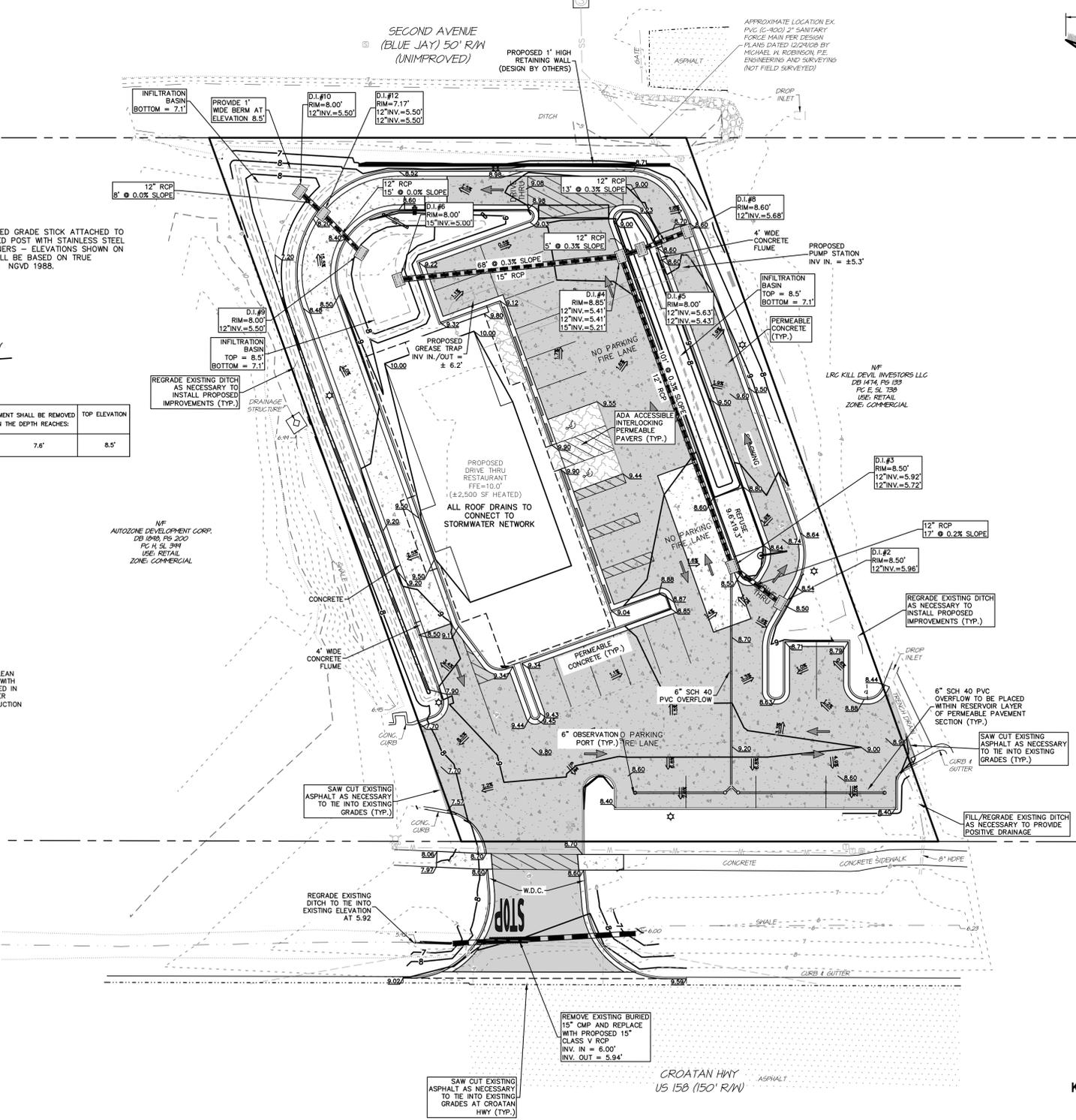
- ALL PIPE JOINTS SHALL BE WRAPPED WITH NCDOT TYPE II GEOTEXTILE OR APPROVED EQUIVALENT.

RCP PIPE DIA. "D"	"B"
2"-15"	8"
18"-24"	10"
30"-48"	18"

TRENCH SHALL BE BACKFILLED WITH CLEAN SAND AND TOPPED WITH TOP SOIL. IF LOCATED IN PAVEMENT, PAVE PER "SAW CUT" CONSTRUCTION PATCH DETAIL



STORM PIPE TRENCH SECTION
N.T.S.



STORM INLET DETAIL
N.T.S.

MIN. DIMENSIONS FOR CATCH BASIN (NCDOT 840.05)

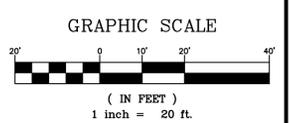
PIPE D	SPAN A	WIDTH B	HEIGHT H
12"	3'-6"	2'-3"	1'-10"
15"	3'-6"	2'-3"	2'-1"
18"	4'-0"	2'-6"	2'-4"

NOTE: THIS DOCUMENT IS PRELIMINARY - NOT FOR CONSTRUCTION, RECORDATION, SALES OR CONVEYANCES - THIS DOCUMENT IS FOR DISCUSSION PURPOSES ONLY! EXISTING INFORMATION SHOWN ON THIS DOCUMENT IS BASED ON BEST AVAILABLE DATA AND IS NOT A CERTIFIED SURVEY. ALL INFORMATION SHOWN ON THIS DOCUMENT IS SUBJECT TO ANY REQUIREMENTS BY ANY REGULATORY AGENCY, ENTITY OR AUTHORITY.

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NC License # C-0208
SMCE 1959
Quible & Associates, P.C.
REGISTERED PROFESSIONAL ENGINEERS AND SURVEYORS
ENVIRONMENTAL SCIENCE & SURVEYING
90 CHURCH STREET, SUITE B
KILL DEVIL HILLS, NC 27948
Phone: (252) 491-8147
Fax: (252) 491-8148
www.quible.com

DRIVE-THRU RESTAURANT
1208 S. CROATAN HWY
KILL DEVIL HILLS
DARE COUNTY
NORTH CAROLINA

GRADING PLAN

PROJECT NO. P07116
DESIGNED BY CMS
DRAWN BY CMS
CHECKED BY MWS
ISSUE DATE 06/28/21
SHEET NO. 4 OF 9 SHEETS

REVISIONS:
NO. DATE DESCRIPTION
1 07/08/2021 PER TOWN COMMENTS
2 07/27/2021 PER TOWN COMMENTS



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NO.	DATE	REVISIONS
1	07/08/2021	PER TOWN COMMENTS
2	07/27/2021	PER TOWN COMMENTS

SITE & LANDSCAPING PLAN
DRIVE-THRU RESTAURANT
 1208 S. CROATAN HWY
 KILL DEVIL HILLS, NORTH CAROLINA
 DARE COUNTY

PROJECT NO.	P07116
DESIGNED BY	CMS
DRAWN BY	CMS
CHECKED BY	MWS
ISSUE DATE	06/28/21
SHEET NO.	6
OF 9 SHEETS	

NOTES

- CURRENT OWNER: ROY E. PARKER & LEVON D. PARKER, PO BOX 49, KILL DEVIL HILLS 27948
- APPLICANT: WFF INVESTMENT COMPANY, 102 W. AIRSTRIP RD., KITTY HAWK, NC 27948
- ENGINEER: QUIBLE & ASSOCIATES, P.C., P.O. DRAWER 870, KITTY HAWK, NC 27949. CONTACT: CATHLEEN M. SAUNDERS, PE. PHONE: (252) 491-8147. EMAIL: CMAUNDERS@quible.com
- PIN: 98832961635 / PID: 004331000
- PROPERTY ADDRESS: 1208 S. CROATAN HWY
- PROPERTY ZONED: COMMERCIAL
- MAXIMUM ALLOWABLE LOT COVERAGE = 65%
- LOT AREA = 33,021 SF / 0.76 ACRES (AREAS BY COORDINATE METHOD)
- SUBJECT REFERENCES: DB 401, PG 133
- ADDITIONAL REFERENCES: PC 2, SL 18
- HORIZONTAL DATUM IS NAD83(2011), VERTICAL DATUM IS NAVD 1988
- PROPERTY IS LOCATED IN NFIP FLOOD ZONE "X" AND SUBJECT TO CHANGES, BASED ON COMMUNITY CD NO. 357348, PANEL 9883, SUFFIX K. (MAP NUMBER 3720988300K) EFFECTIVE DATE: 06/19/2020.
- THIS PLAN SUBJECT TO ANY FACTS, INCLUDING BUILDING SETBACK RESTRICTIONS, EASEMENTS, COVENANTS, ETC., THAT MAY BE REVEALED BY A FULL AND ACCURATE TITLE SEARCH.
- PROJECT SCOPE: PERMITTING AND CONSTRUCTION OF A 42,500 SQ.FT. DRIVE-THRU RESTAURANT WITH ASSOCIATED UTILITIES, PARKING, AND APPURTENANCES.
- SETBACKS: FRONT: 30', SIDE: 10', REAR: 30'
- ALL UTILITIES SERVING THIS SITE WILL BE PLACED UNDERGROUND.
- ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- BUILDING CONSTRUCTION SHALL COMPLY WITH ALL ASPECTS OF THE NORTH CAROLINA BUILDING AND FIRE CODE.
- EXISTING VEGETATION TO BE PRESERVED WHERE POSSIBLE.
- THE LOCATION, DIMENSIONS, AND ELEVATION OF EXISTING UTILITIES SHOWN ARE BASED ON THE BEST AVAILABLE DATA AND ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL DATA IN THE FIELD PRIOR TO CONSTRUCTION TO HIS/HER OWN SATISFACTION. THE CONTRACTOR SHALL PERFORM ANY TEST PIT WORK OR PROVIDE LOCATION SERVICES AS REQUIRED TO AVOID CONFLICTS WITH EXISTING UTILITIES. CONTACT THE LOCAL UTILITY CALL AT TELEPHONE NO. 1-800-832-4949, 48 HOURS PRIOR TO PERFORMING ANY EXCAVATION TO HAVE UTILITIES MARKED.
- THE CONTRACTOR SHALL PROVIDE SMOOTH TRANSITIONS FROM PROPOSED FEATURES TO EXISTING FEATURES AS NECESSARY.
- THE CONTRACTOR SHALL SEAL THE EDGE OF EXISTING ASPHALT PAVEMENT WITH TACK COAT IN ACCORDANCE WITH THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS WHERE NEW PAVEMENT JOINS EXISTING PAVEMENT.
- ALL PAVEMENT JOINTS SHALL BE SAW-CUT PRIOR TO PAVING TO PROVIDE A DURABLE AND UNIFORM JOINT.
- PROOF ROLL ALL NEW PAVED AREAS. NOTIFY OWNER AND ENGINEER OF ANY UNACCEPTABLE AREAS.
- THIS PLAN SET TO BE UTILIZED FOR THE INSTALLATION OF SITE LAYOUT IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, GRADING & DRAINAGE, INSTALLATION OF SEDIMENT CONTROL MEASURES, WASTEWATER, AND WATER SYSTEM, FOR BUILDING DESIGN AND ASSOCIATED PLUMBING, SEE APPROPRIATE SEPARATE PLANS.
- REMOVE TREES, GRASSES, SHRUBS, AND OTHER VEGETATION IMPROVEMENTS OR OBSTRUCTIONS INTERFERING WITH INSTALLATION OF NEW CONSTRUCTION UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT ALL PROPERTY MONUMENTS DURING CONSTRUCTION. DISTURBED OR REMOVED PROPERTY MONUMENTS SHALL BE REPLACED BY A NORTH CAROLINA LICENSED PROFESSIONAL LAND SURVEYOR.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE DRAWINGS, TOWN OF KILL DEVIL HILLS CODES AND ORDINANCES, AND NCDOT DIVISION OF ENERGY, MINERAL, AND LAND RESOURCES REGULATIONS.
- ALL PAVEMENT MARKINGS, TEXT, AND DIRECTIONAL ARROWS SHALL BE PAINTED WHITE. ALL LETTERING SHALL BE 2 FT. IN HEIGHT. LINES SHALL BE 4" WIDE. CROSSWALK AREAS SHALL MEET NCDOT DIVISION 12 STANDARDS.

LEGEND

- EXISTING ASPHALT PAVEMENT
- EX. TELEPHONE PEDESTAL
- EX. CABLE TV BOX
- EX. UTILITY POLE
- EX. DRAINAGE PIPE
- EX. UG GAS LINE
- EX. WATER LINE
- EX. SANITARY SEWER LINE
- PROPOSED LANDSCAPING
- PROPOSED ASPHALT PAVEMENT
- PROPOSED PERMEABLE CONCRETE
- PROPOSED CONCRETE PAVEMENT
- PROPOSED PERMEABLE PAVERS

TREE PLANTING SUMMARY

NCDOT BUFFER (10' WIDE PARKING BUFFER):

- 0 BALD CYPRESS
- 15 CRAPE MYRTLE
- 6 DWARF YAUPON HOLLY
- 0 WAX MYRTLE

NORTHERN BUFFER (5' WIDE BUFFER W/ SHRUBS 5' O.C.):

- 0 BALD CYPRESS
- 0 CRAPE MYRTLE
- 13 GLOSSY ABELIA
- 10 DWARF YAUPON HOLLY
- 0 WAX MYRTLE

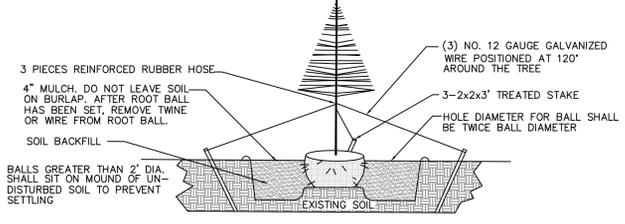
SOUTHERN BUFFER (5' WIDE BUFFER W/ SHRUBS 5' O.C.):

- 0 BALD CYPRESS
- 0 CRAPE MYRTLE
- 10 GLOSSY ABELIA
- 0 DWARF YAUPON HOLLY
- 13 WAX MYRTLE

WESTERN BUFFER (10' WIDE BUFFER):

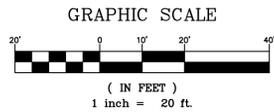
- 0 BALD CYPRESS
- 15 CRAPE MYRTLE
- 7 GLOSSY ABELIA
- 8 DWARF YAUPON HOLLY
- 0 WAX MYRTLE

SYMBOL	QUANTITY	COMMON NAME	HEIGHT	SPREAD	MIN. SIZE @ PLANTING
	18	BALD CYPRESS	50' - 100'	20' - 30'	2" CAL, 8' HT.
	30	CRAPE MYRTLE	15' - 30'	6' - 15'	1.5" CAL, 6' HT.
	36	GLOSSY ABELIA	3' - 6'	3' - 6'	3 GALLON
	27	DWARF YAUPON HOLLY	3' - 5'	3' - 6'	3 GALLON
	13	WAX MYRTLE	3' - 5'	3' - 6'	3 GALLON

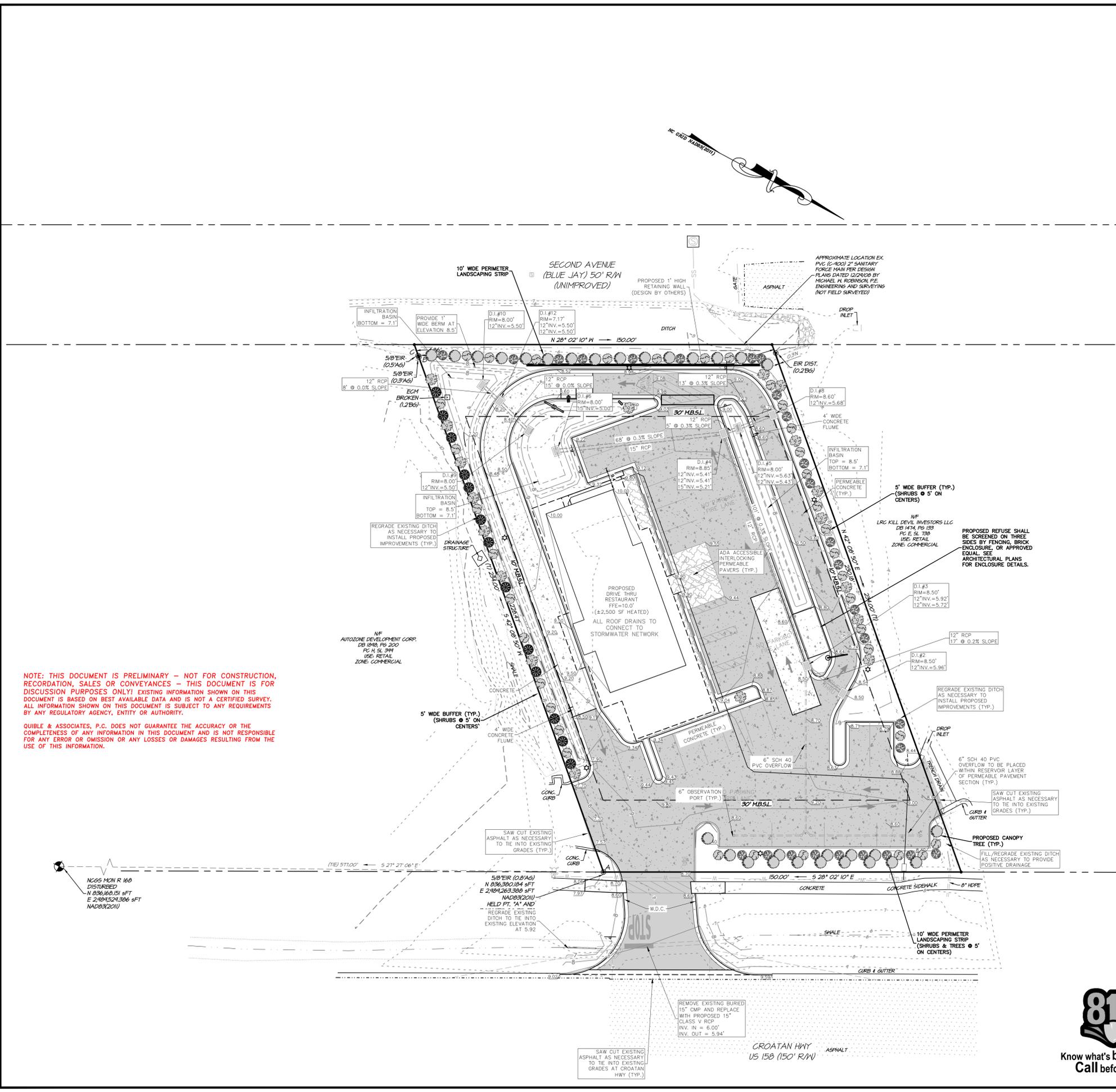


TREE PLANTING DETAIL

N.T.S.

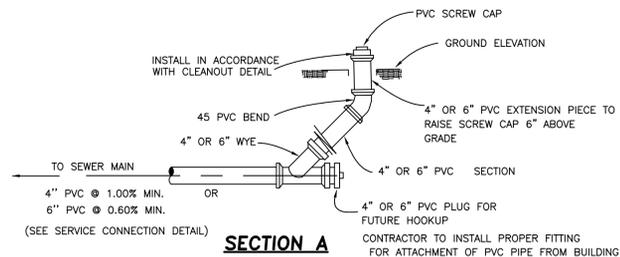


NOTE:
 THE DATA GIVEN ON THESE PLANS IS BELIEVED TO BE ACCURATE, BUT THE ACCURACY IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL LEVELS, LOCATIONS, TYPES, AND DIMENSIONS OF THE EXISTING UTILITIES PRIOR TO CONSTRUCTION. IF A DISCREPANCY IS FOUND, WORK SHALL CEASE AND THE ENGINEER NOTIFIED. WORK MAY CONTINUE UPON ENGINEERS NOTICE TO PROCEED.

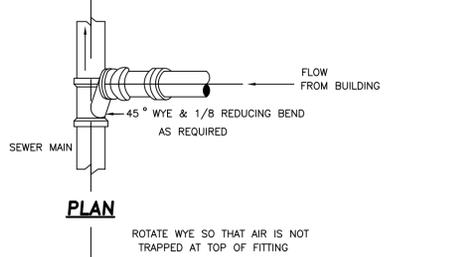


NOTE: THIS DOCUMENT IS PRELIMINARY - NOT FOR CONSTRUCTION, RECORDATION, SALES OR CONVEYANCES - THIS DOCUMENT IS FOR DISCUSSION PURPOSES ONLY! EXISTING INFORMATION SHOWN ON THIS DOCUMENT IS BASED ON BEST AVAILABLE DATA AND IS NOT A CERTIFIED SURVEY. ALL INFORMATION SHOWN ON THIS DOCUMENT IS SUBJECT TO ANY REQUIREMENTS BY ANY REGULATORY AGENCY, ENTITY OR AUTHORITY.

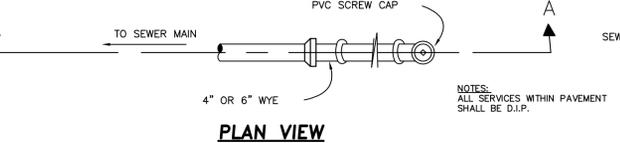
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SECTION A



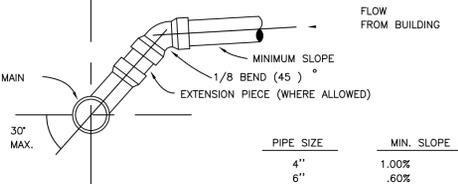
PLAN



PLAN VIEW

SINGLE GRAVITY SERVICE LATERAL CONNECTION

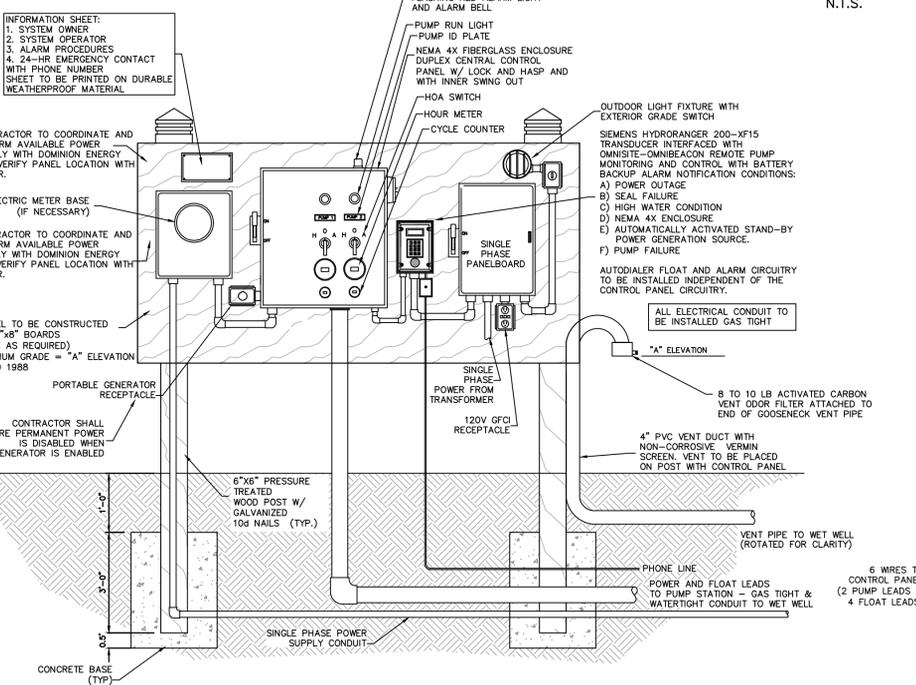
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SECTION

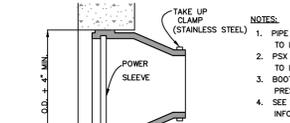
GRAVITY SERVICE CONNECTION

N.T.S.



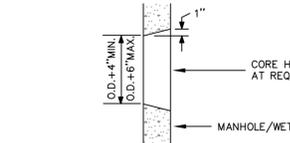
CONTROL PANEL & VENT MOUNTING

N.T.S.



BOOTED PIPE OPENINGS

N.T.S.



IN FIELD PIPE OPENINGS

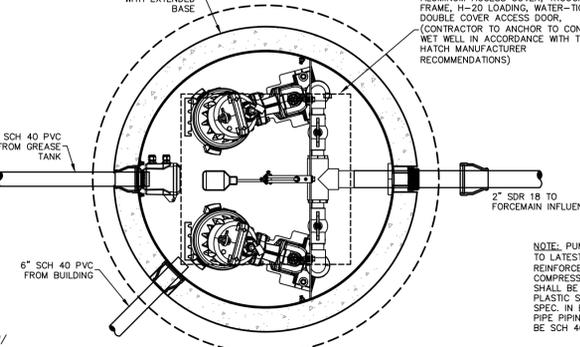
N.T.S.

SUBMERSIBLE NON-CLOG PUMPS:

SANITARY SEWER PUMP STATION
FLOW = 1,400 GPD.
(2 PUMPS REQUIRED)

DUPLIX GRINDER PUMP STATION PACKAGE SHALL BE LIBERTY MODEL D3672/S6202A
OR APPROVED EQUAL CAPABLE OF 50 GPM AND 108" TDH

ELEVATION DATA (ALL ELEV'S M.S.L.)	
"A" - CONTROL PANEL & VENT	12.00'
"B" - TOP OF WET WELL ELEVATION	8.90'
"C" - FINISHED GRADE ELEVATION	8.90'
"D" - INVERT ELEVATION OF INFLUENT LINE	6.00'
"E" - HIGH WATER ALARM ELEVATION	5.96'
"F" - PUMP ON ELEVATION	2.86'
"G" - PUMP OFF ELEVATION	3.95'
"H" - WET WELL FLOOR ELEVATION	2.86'
"I" - BOTTOM ELEVATION	2.19'
"J" - BOTTOM OF STONE ELEVATION	1.53'

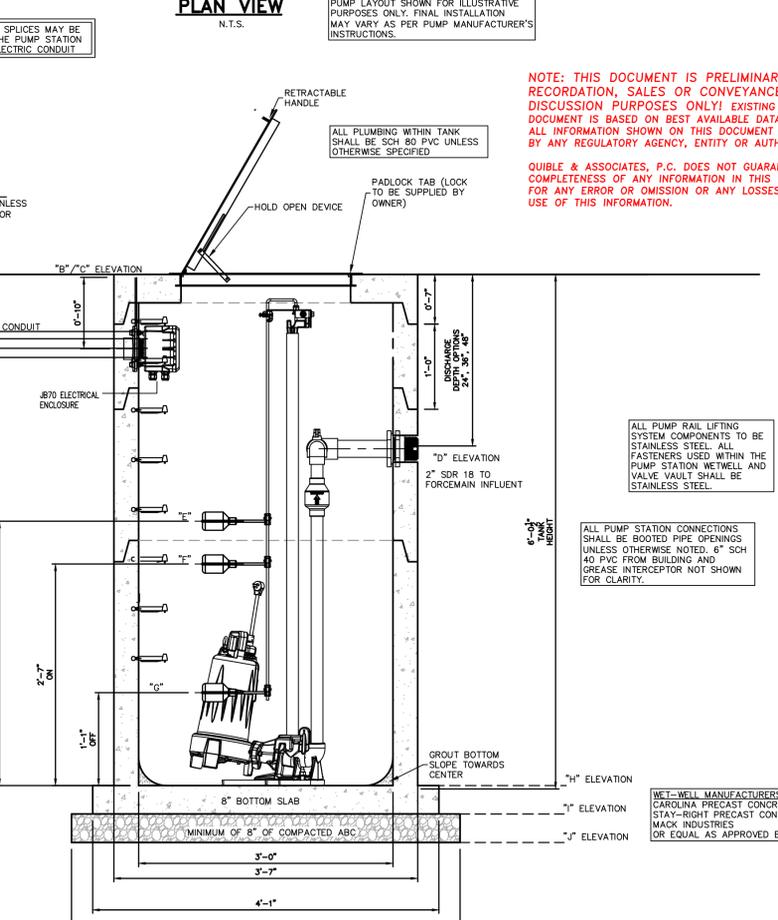


PLAN VIEW

N.T.S.

TYPICAL WASTEWATER FORCEMAIN TRENCHING

N.T.S.



SECTION

N.T.S.

SPECIFICATIONS

- NOTES:
- 4" FT with 4" plain end adapters, single inlet and triple outlet.
 - Unit weight - w/ cast iron cover: 190 lbs; w/composite cover: 135 lbs. (For wet weight add 1043 lbs.)
 - Maximum operating temperature: 150° F continuous.
 - Capacities - Liquid: 125 gal; Grease: 80 lbs; Solids: 31 gal.
 - This unit does not require flow control.
 - For gravity drainage applications only.
 - Do not use for pressure applications.
 - Cover placement allows full access to tank for proper maintenance.
 - Vent not required unless per local code.
 - Engineered inlet and outlet diffusers are removable to inspect / clean piping.
 - Integral air relief / Anti-siphon / Scumming access.
 - Adjustable cover adapters provide up to 4" of additional height.
 - Fixed outlet models (-FO) have inlet and outlet permanently welded at the factory in the straight-through (S) position.
 - Flow rates are based on 2-minute drain time.
 - Safety Star® access restricter built into cover adapter, prevents accidental entry to tanks (450 lb rating).

DIFFUSION FLOW TECHNOLOGY

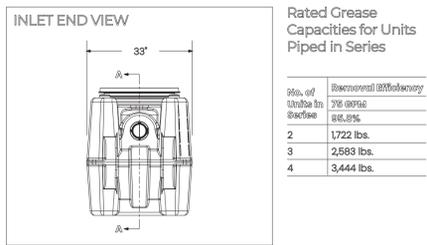
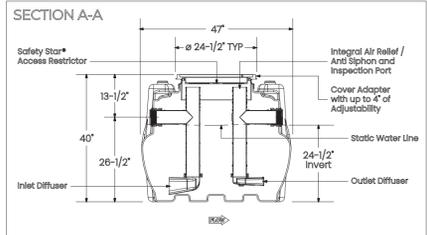
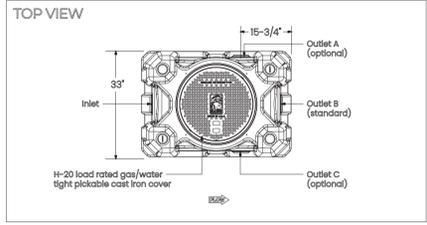
The Inlet Diffuser reduces turbulence, creates laminar flow and allows the entire tank volume to be utilized for efficient grease separation and minimal disturbance to existing grease and sediment layers. The integral air relief / anti-siphon at the outlet diffuser top allows pressure stabilization within the unit during operation. The outlet diffuser can easily be attached to any of the three outlets provided to ease job site piping layouts.

OWNER OPERATION GUIDE

Schier Great Basin™ grease interceptor model # GB-75 shall be lifetime guaranteed and made in USA of seamless, rotationally-molded polyethylene. Interceptor shall be furnished for above or below grade installation. Interceptor shall be certified to ASME A12.14.3 (Type D) and CSA B481, with ductile iron cover adapter. Safety Star® access restricter built into cover adapter, and three outlet options. Interceptor flow rate shall be 75 GPM. Interceptor grease capacity shall be 80 lbs. Cover shall provide water/gas-tight seal and have minimum 10,000 lbs. load capacity.

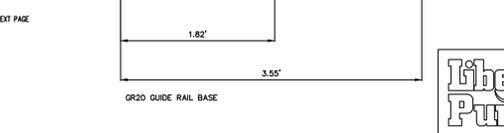
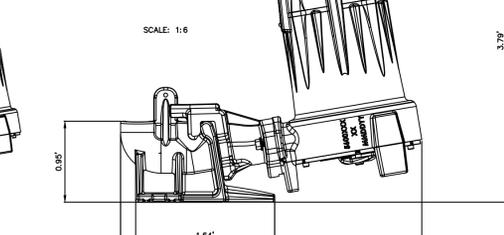
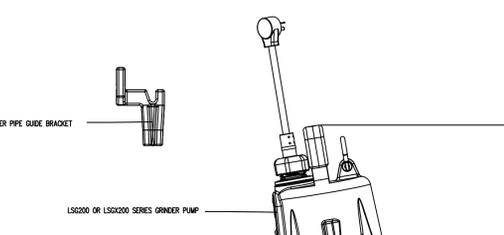
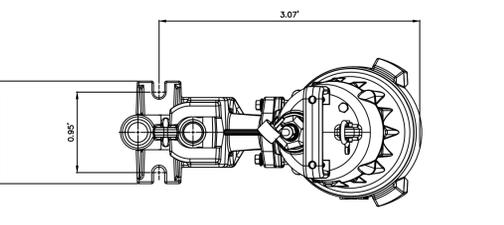
CERTIFIED PERFORMANCE

Great Basin™ hydromechanical grease interceptors are third party performance-tested and listed by IAPMO to ASME A12.14.3 and CSA B481 grease interceptor standards and greatly exceed requirements for grease separation and storage. They are compliant to the Uniform Plumbing Code and the International Plumbing Code.



SCHIER GB-75 GREASE INTERCEPTOR

N.T.S.



PROPRIETARY AND CONFIDENTIAL

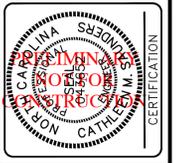
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DWG. NO. D3672 SERIES DIMENSIONAL

SCALE: 1:15 WEIGHT: — LBS SHEET 1 OF 1

DATE: 10/17/18

NC License # C-0208
SINCE 1959
Quible & Associates, P.C.
ENGINEERING, SURVEYING & ENVIRONMENTAL SCIENTISTS
90 CHURCH STREET, SUITE B
FARMINGTON, CT 06030
Phone: (860) 641-8147
Fax: (860) 641-8148
www.quible.com



REVISIONS

NO.	DATE	DESCRIPTION
1	07/06/2021	PER TOWN COMMENTS
2	07/27/2021	PER TOWN COMMENTS

WASTEWATER DETAILS

DRIVE-THRU RESTAURANT

1208 S. CROATAN HWY

KILL DEVIL HILLS NORTH CAROLINA

DARE COUNTY

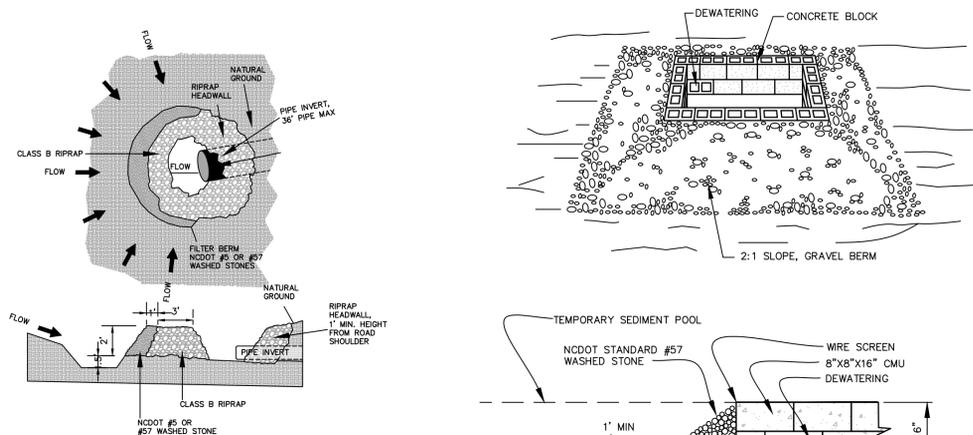
PROJECT NO. P07116
DESIGNED BY CMS
DRAWN BY CMS/BRJ
CHECKED BY MWS
ISSUE DATE 06/28/21

LIBERTY PUMPS

SCALE: 1:15 WEIGHT: — LBS SHEET 1 OF 1

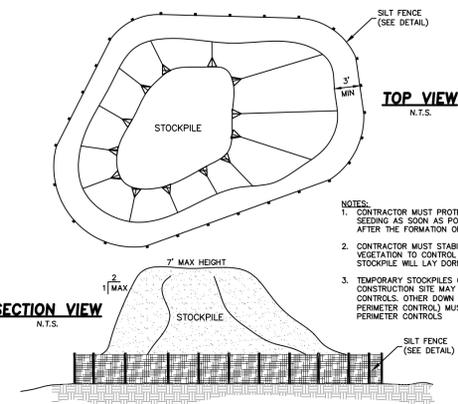
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8 OF 9 SHEETS



CULVERT INLET PROTECTION

N.T.S.



TOP VIEW

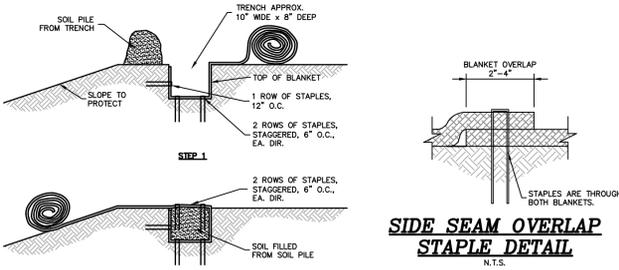
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SECTION VIEW

N.T.S.

STOCKPILE DETAIL

N.T.S.

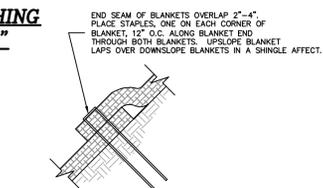


SIDE SEAM OVERLAP STAPLE DETAIL

N.T.S.

SLOPE TRENCHING METHOD "B"

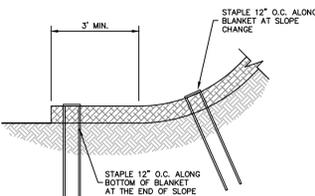
N.T.S.



END ROLL OVERLAP

N.T.S.

NOTES:
1. STAPLE PATTERNS ARE DEPENDENT ON SITE CONDITIONS.
SEE CURLEX® STAPLE PATTERN GUIDE FOR DETAILS.



BOTTOM OF SLOPE TERMINATION

N.T.S.

CURLEX® SLOPE APPLICATION DETAIL
AMERICAN EXCELSIOR COMPANY
ARLINGTON, TEXAS

NOTE: ALL SLOPES STEEPER THAN 3:1 SHALL USE EXCELSIOR MATTING FOR STABILIZATION

CURLEX EXCELSIOR STABILIZATION FABRIC

SLOPE DETAIL

N.T.S.

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	Required Ground Stabilization Timeframes	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' 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 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(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 unless there is zero slope
(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 Rollered 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 Rollered 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.

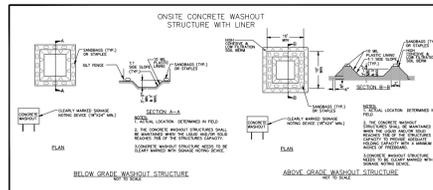
- EQUIPMENT AND VEHICLE MAINTENANCE**
- Maintain vehicles and equipment to prevent discharge of fluids.
 - Provide drip pans under any stored equipment.
 - Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
 - Collect all spent fluids, store in separate containers 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 litter 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 silt 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 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 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.



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 defecative 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.
- Locate 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.

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.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING EFFECTIVE: 04/01/19

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 (and 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 a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits. 2. Description, evidence, and date of corrective actions taken, and an explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or off-site (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 a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Records of the 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 (installation of perimeter E&S measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an 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 documented in the manner described:

Item to Document	Documentation 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 or if 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
In addition to the E&S Plan documents above, the following items shall be kept on the site and available for agency 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 30 days. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form 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.
- All data used to complete the Notice of Intent and older 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:

- Visible sediment deposition in a stream or wetland.
- 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).

(a) 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. 143-215.85.

(b) Anticipated bypasses and unanticipated bypasses.

(c) 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 Division's Emergency Response personnel at (800) 662-7956, (800) 858-0368 or (919) 733-3300.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Anticipated bypass (40 CFR 122.41(m)(3))	<ul style="list-style-type: none"> 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 release of hazardous substances per Item 1(b)-(c) above	<ul style="list-style-type: none"> 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. A report at least ten days before the date of the bypass, if possible
(c) Unanticipated bypasses (40 CFR 122.41(m)(3))	<ul style="list-style-type: none"> 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.
(d) Noncompliance with the conditions of this permit that may endanger health or the environment (40 CFR 122.41(i)(7))	<ul style="list-style-type: none"> 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.

NC LICENSE # C-0208
SMCE # 959
Quible & Associates, P.C.
REGISTERED PROFESSIONAL ENGINEER
ENVIRONMENTAL SCIENCE SURVEYING
4846 CAROLINA HWY., SUITE B
KILL DEVIL HILLS, NC 27504
Phone: (828) 917-6147
Fax: (828) 917-6148
www.quibleandassociates.com

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REVISIONS

NO.	DATE	FEEDBACK COMMENTS	FEEDBACK COMMENTS
1	07/06/2021		
2	07/27/2021		

SESC DETAILS
DRIVE-THRU RESTAURANT
1208 S. CROATAN HWY
KILL DEVIL HILLS
DARE COUNTY
NORTH CAROLINA

PROJECT NO. P07116
DESIGNED BY CMS
DRAWN BY CMS
CHECKED BY MWS
ISSUE DATE 06/28/21
SHEET NO. 9 OF 9 SHEETS

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING EFFECTIVE: 04/01/19